

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006339.D
 Acq On : 07 Dec 2018 11:38
 Operator : JC/MD
 Sample : VX1207MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Quant Time: Dec 08 00:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	674630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	464353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	336233	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.51	113	317541	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1147720	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	431654	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135403	20.498	ug/l	100
3) Chloromethane	1.33	50	127994	18.856	ug/l	100
4) Vinyl Chloride	1.41	62	140255	19.198	ug/l	99
5) Bromomethane	1.64	94	113640	22.445	ug/l	98
6) Chloroethane	1.73	64	89835	20.055	ug/l	99
7) Trichlorofluoromethane	1.93	101	216509	19.306	ug/l	98
8) Diethyl Ether	2.19	74	83427	19.656	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124543	19.531	ug/l	98
10) Methyl Iodide	2.51	142	162604	16.920	ug/l	99
11) Tert butyl alcohol	3.07	59	175190	93.018	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116704	19.118	ug/l	93
13) Acrolein	2.29	56	95548	92.819	ug/l	100
14) Allyl chloride	2.73	41	214898	17.821	ug/l	98
15) Acrylonitrile	3.15	53	372442	94.764	ug/l	99
16) Acetone	2.45	43	300233	92.895	ug/l	96
17) Carbon Disulfide	2.57	76	317850	16.897	ug/l	99
18) Methyl Acetate	2.78	43	210819	19.505	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420353	19.303	ug/l	99
20) Methylene Chloride	2.86	84	133143	19.357	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	124036	19.067	ug/l	92
22) Diisopropyl ether	3.87	45	382790	20.323	ug/l	98
23) Vinyl Acetate	3.82	43	1554016	96.734	ug/l	99
24) 1,1-Dichloroethane	3.70	63	213379	19.820	ug/l	99
25) 2-Butanone	4.70	43	449808	97.539	ug/l	99
26) 2,2-Dichloropropane	4.58	77	196877	19.815	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149666	20.626	ug/l	96
28) Bromochloromethane	5.03	49	93690	19.924	ug/l	96
29) Tetrahydrofuran	5.15	42	302930	94.517	ug/l	98
30) Chloroform	5.21	83	231528	20.465	ug/l	99
31) Cyclohexane	5.57	56	188003	18.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	211911	19.686	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162233	19.029	ug/l	99
37) Ethyl Acetate	4.85	43	178664	18.713	ug/l	99
38) Carbon Tetrachloride	5.78	117	190929	19.036	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212962	19.244	ug/l	99
40) Benzene	6.14	78	506795	19.847	ug/l	98
41) Methacrylonitrile	5.06	41	98067	18.667	ug/l	98
42) 1,2-Dichloroethane	6.20	62	170350	20.384	ug/l	99
43) Isopropyl Acetate	6.46	43	291577	18.317	ug/l	99
44) Trichloroethene	7.21	130	149867	19.373	ug/l	95
45) 1,2-Dichloropropane	7.52	63	126404	19.477	ug/l	99
46) Dibromomethane	7.66	93	91540	19.530	ug/l	98
47) Bromodichloromethane	7.90	83	175695	19.357	ug/l	99
48) Methyl methacrylate	7.77	41	142966	18.461	ug/l	98
49) 1,4-Dioxane	7.75	88	74995	392.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	882565	95.238	ug/l	98
52) Toluene	8.79	92	330999	19.703	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	187351	17.649	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203253	18.440	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137688	20.174	ug/l	98
56) Ethyl methacrylate	9.18	69	204769	19.192	ug/l	97
57) 1,3-Dichloropropane	9.37	76	213676	19.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	520667	96.166	ug/l	99
59) 2-Hexanone	9.49	43	681244	96.221	ug/l	99
60) Dibromochloromethane	9.59	129	154822	18.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	148929	19.516	ug/l	99
64) Tetrachloroethene	9.34	164	137762	20.453	ug/l	97
65) Chlorobenzene	10.14	112	385157	20.286	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	143148	19.405	ug/l	100
67) Ethyl Benzene	10.25	91	634330	20.088	ug/l	100
68) m/p-Xylenes	10.36	106	505103	39.932	ug/l	100
69) o-Xylene	10.70	106	249427	19.963	ug/l	98
70) Styrene	10.71	104	404722	20.028	ug/l	98
71) Bromoform	10.86	173	119638	17.181	ug/l	100
73) Isopropylbenzene	11.02	105	663229	20.682	ug/l	99
74) N-amyl acetate	10.90	43	255664	18.514	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	209430	20.414	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	239396	26.710	ug/l	86
77) Bromobenzene	11.26	156	179703	20.193	ug/l	97
78) n-propylbenzene	11.36	91	724861	20.335	ug/l	100
79) 2-Chlorotoluene	11.42	91	438530	20.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	548270	20.549	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65131	17.053	ug/l	91
82) 4-Chlorotoluene	11.51	91	500116	20.303	ug/l	100
83) tert-Butylbenzene	11.77	119	588180	20.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563281	20.445	ug/l	100
85) sec-Butylbenzene	11.94	105	670411	20.701	ug/l	100
86) p-Isopropyltoluene	12.06	119	596983	20.471	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	324488	20.492	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	321110	19.979	ug/l	98
89) n-Butylbenzene	12.39	91	493910	19.849	ug/l	99
90) Hexachloroethane	12.60	117	109109	18.357	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325561	20.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47253	17.968	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

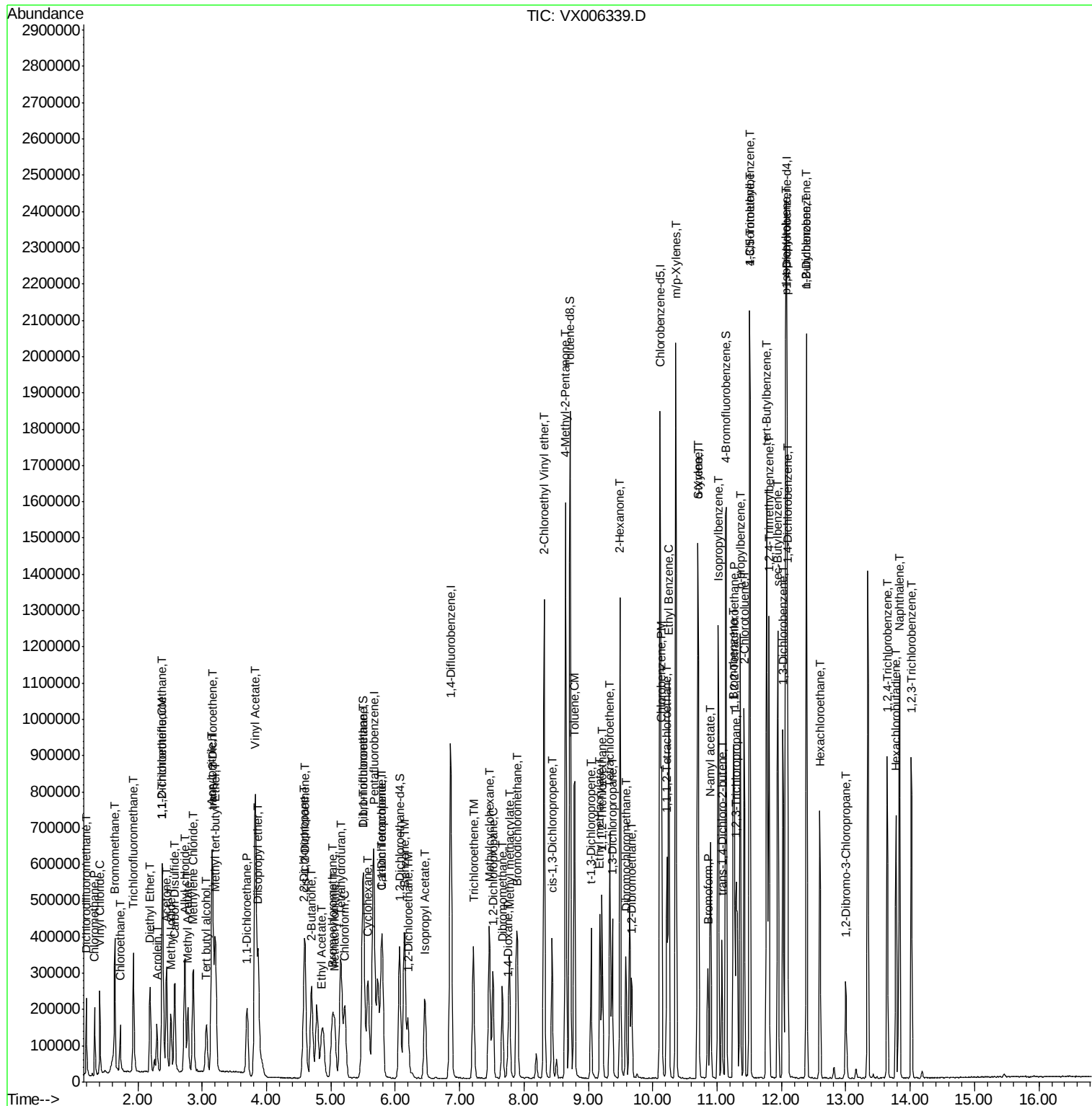
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	227340	19.828	ug/l	99
94) Hexachlorobutadiene	13.78	225	104381	20.586	ug/l	99
95) Naphthalene	13.83	128	722755	20.265	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	223521	19.682	ug/l	99

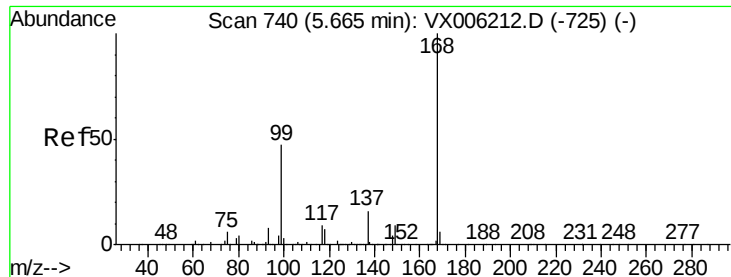
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

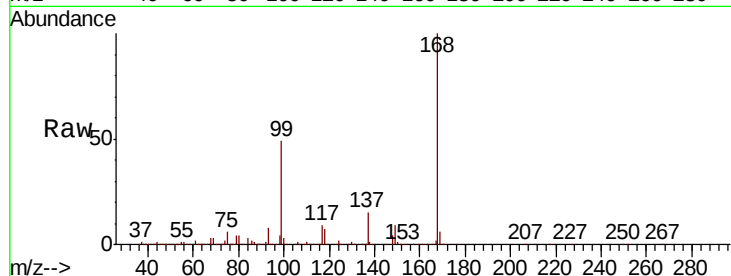
VX1207MBS01

Tot Ion:168 Resp: 674630

Ion Ratio Lower Upper

168 100

99 48.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

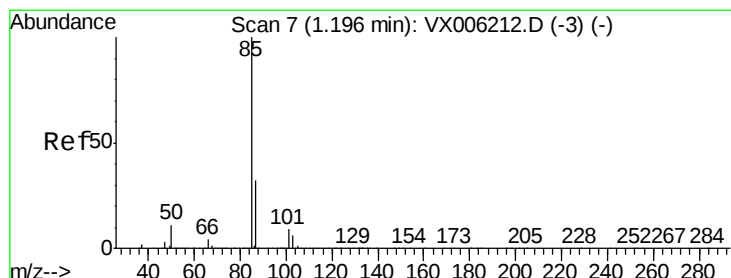
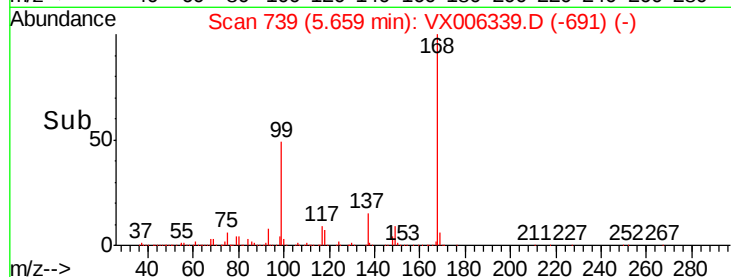
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.498 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006339.D

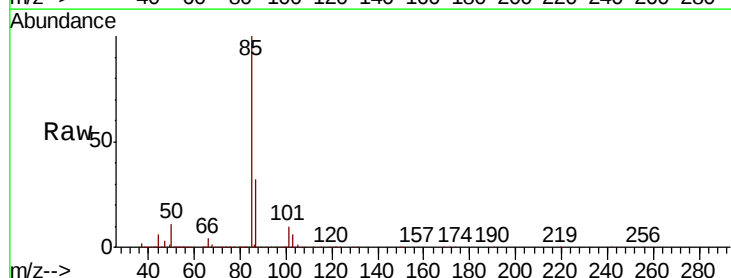
Acq: 07 Dec 2018 11:38

Tgt Ion: 85 Resp: 135403

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

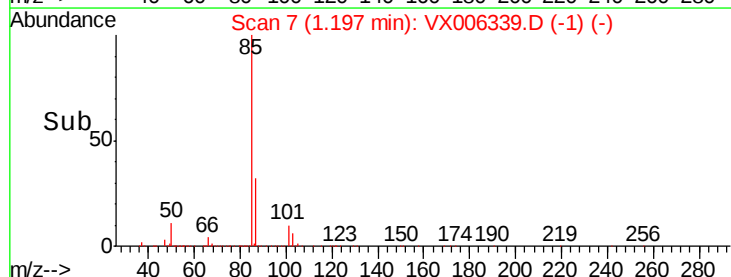
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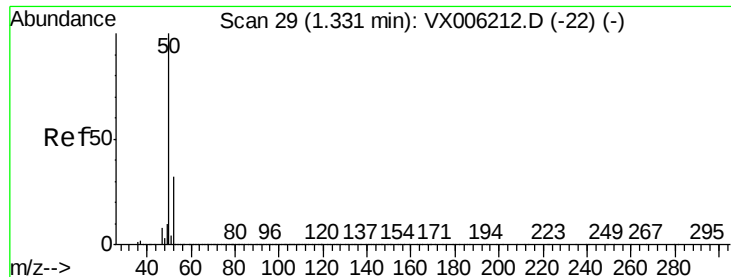
50000

0

1.15 1.20 1.25 1.30

Time-->

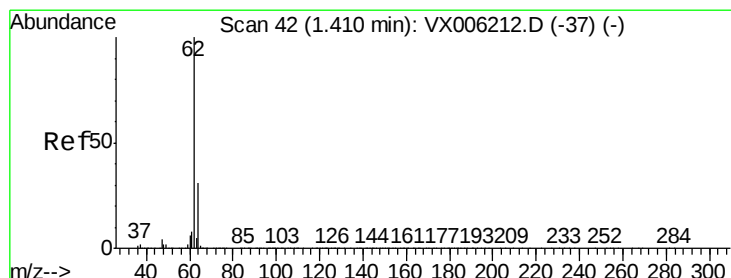
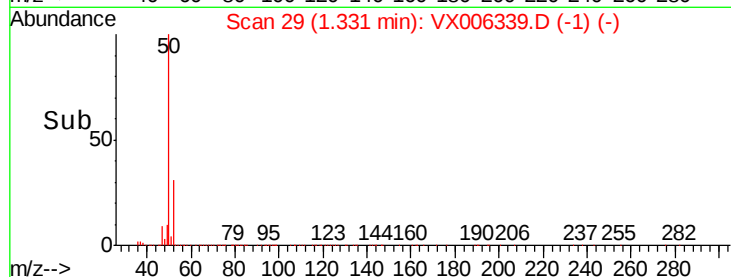
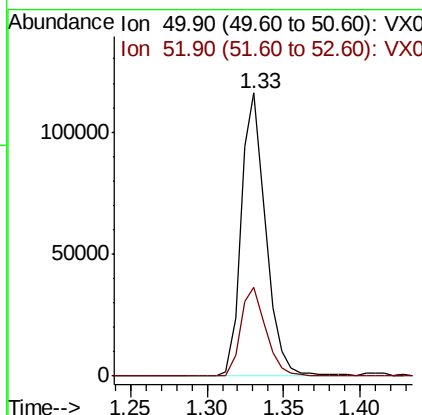
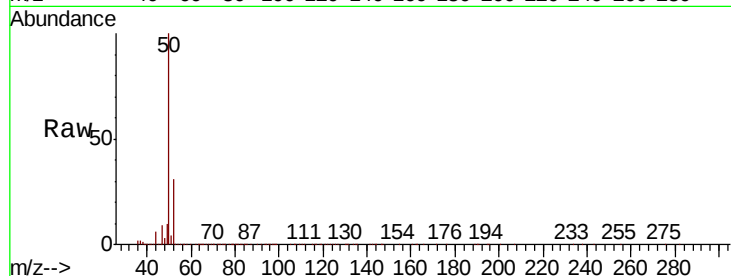




#3
Chloromethane
Concen: 18.856 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

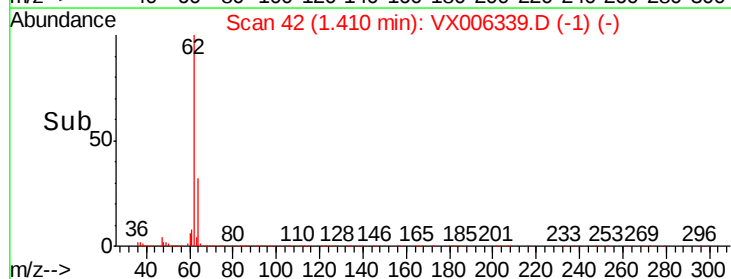
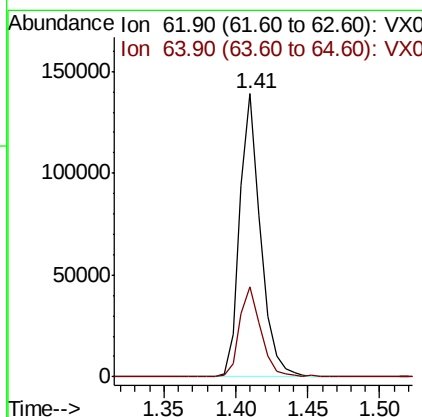
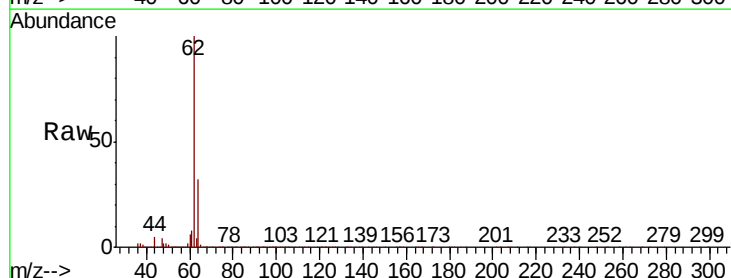
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

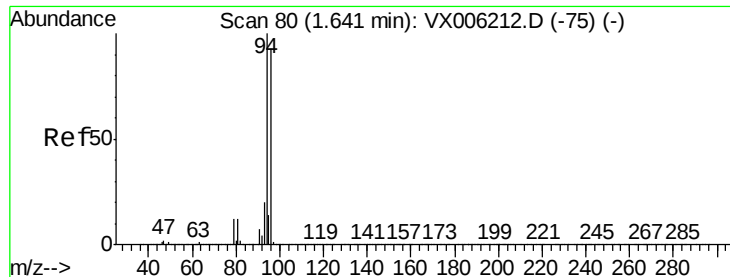
Tot Ion: 50 Resp: 127994
Ion Ratio Lower Upper
50 100
52 31.3 25.2 37.8



#4
Vinyl Chloride
Concen: 19.198 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 62 Resp: 140255
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





#5

Bromomethane

Concen: 22.445 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

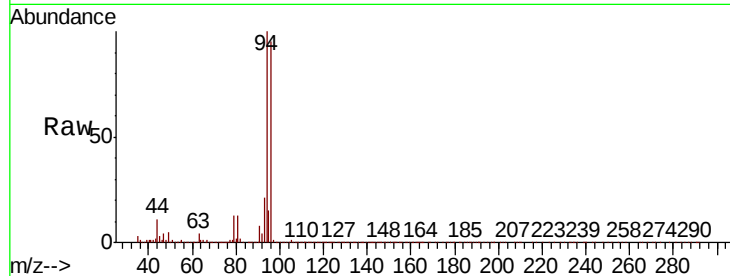
VX1207MBS01

Tot Ion: 94 Resp: 113640

Ion Ratio Lower Upper

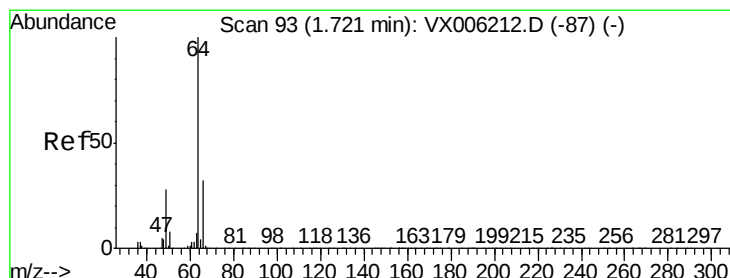
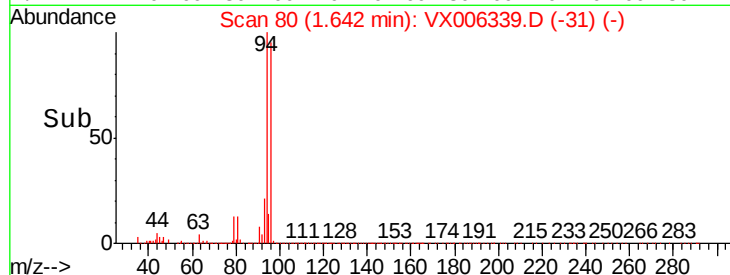
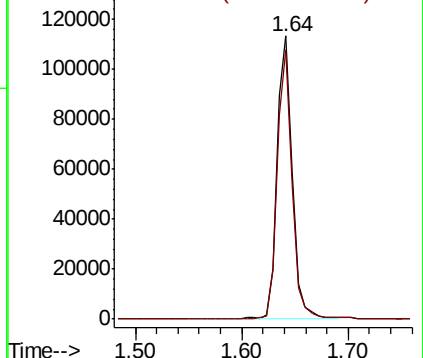
94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.055 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006339.D

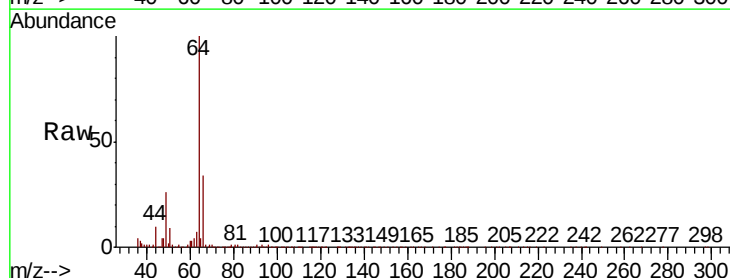
Acq: 07 Dec 2018 11:38

Tgt Ion: 64 Resp: 89835

Ion Ratio Lower Upper

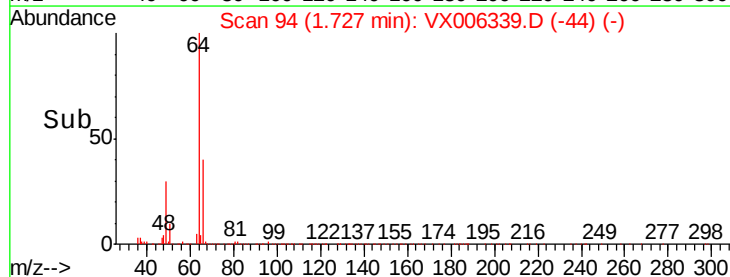
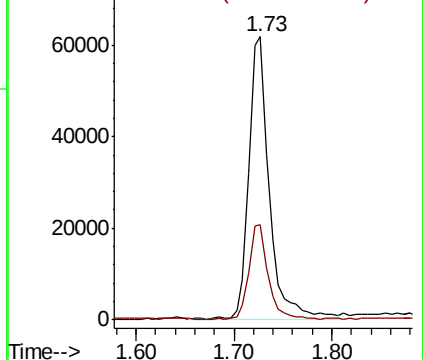
64 100

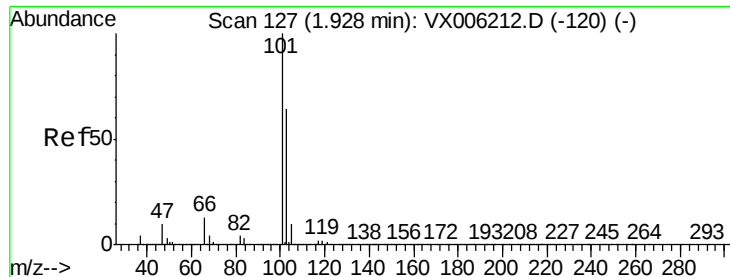
66 33.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



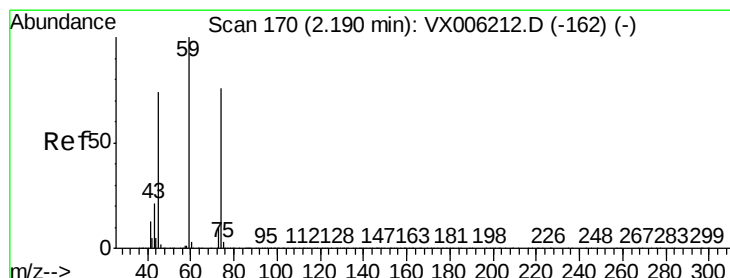
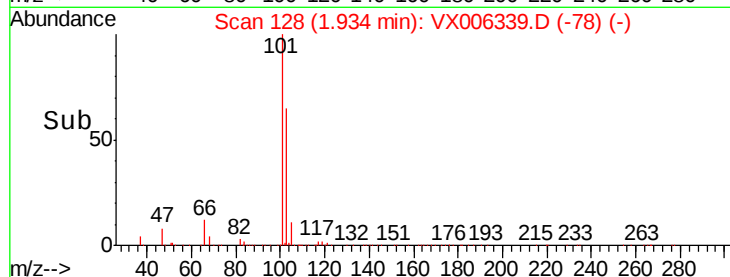
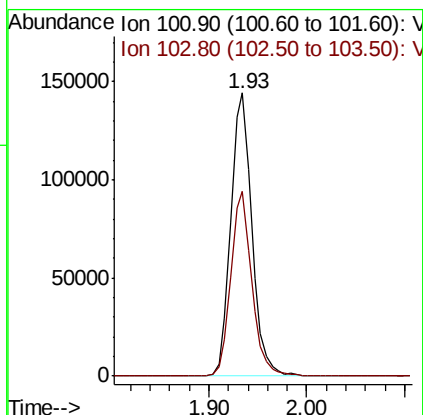
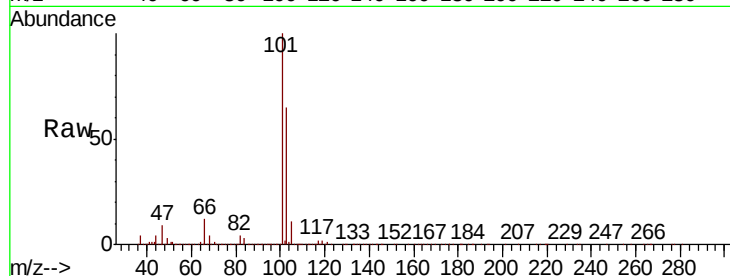


#7

Trichlorofluoromethane
 Concen: 19.306 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
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 VX1207MBS01

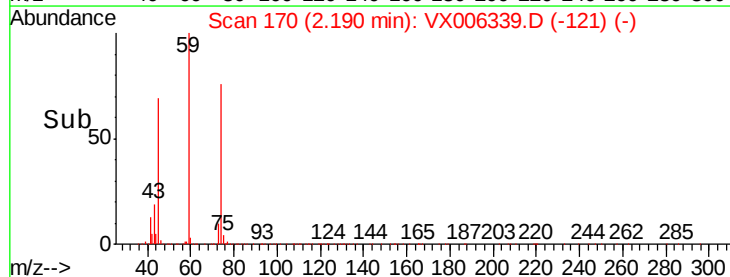
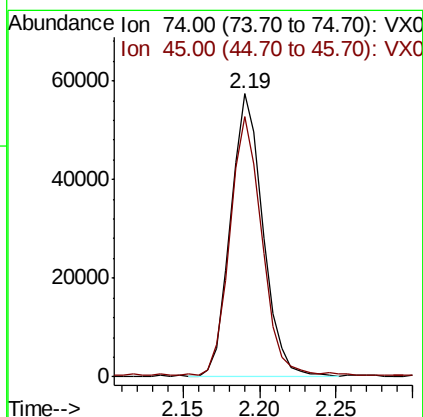
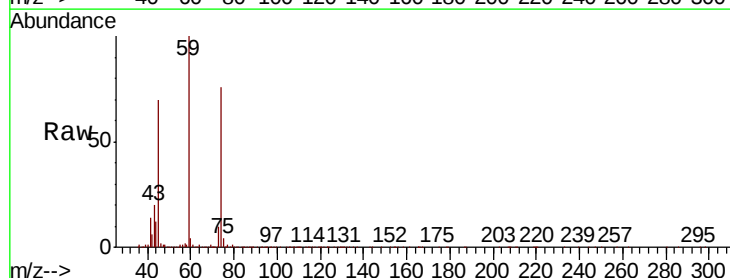
Tot Ion:101 Resp: 216509
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.4

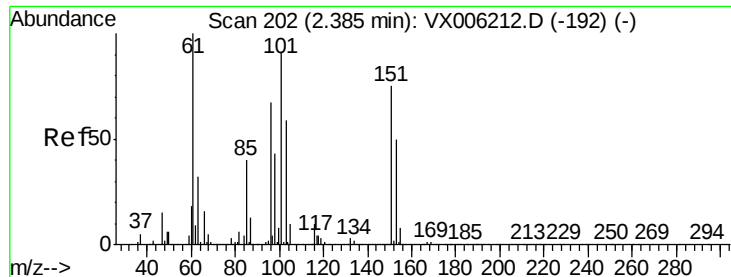


#8

Diethyl Ether
 Concen: 19.656 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion: 74 Resp: 83427
 Ion Ratio Lower Upper
 74 100
 45 91.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.531 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

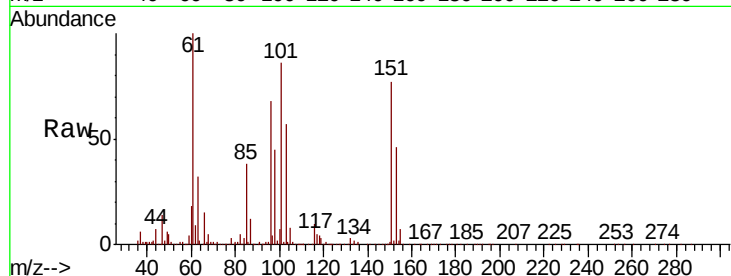
Tot Ion:101 Resp: 124543

Ion Ratio Lower Upper

101 100

85 44.7 35.5 53.3

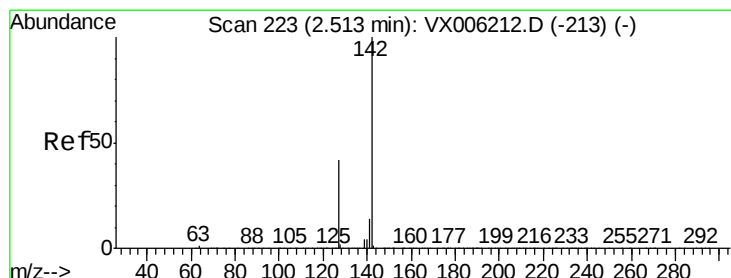
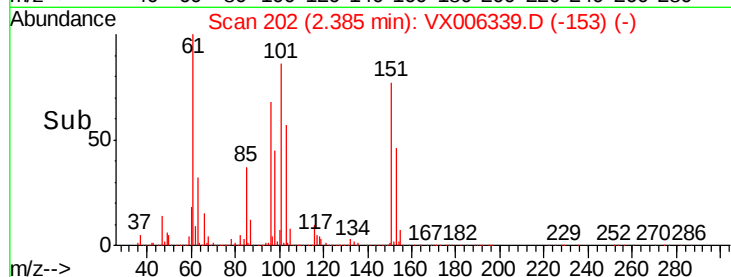
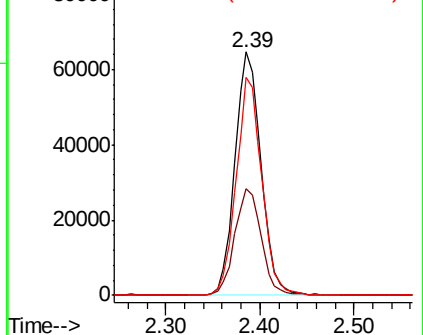
151 87.7 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.920 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

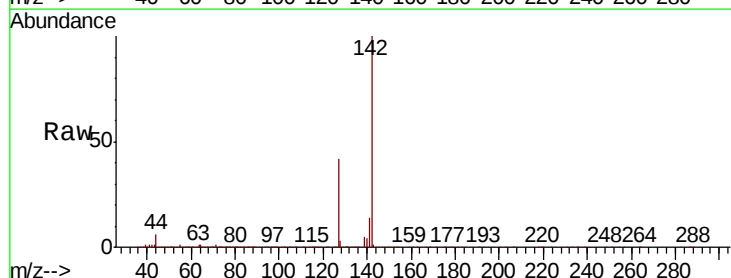
Tgt Ion:142 Resp: 162604

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

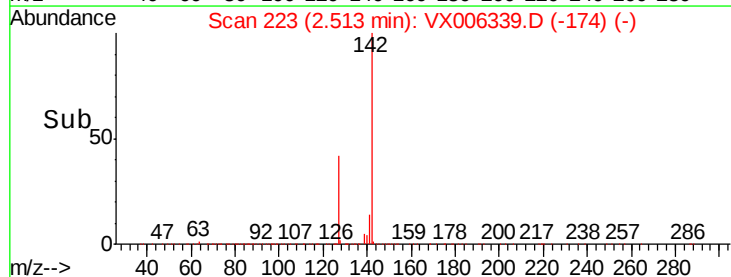
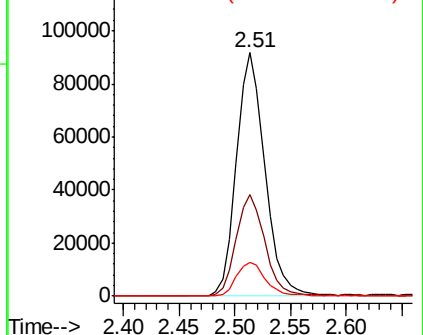
141 14.3 11.4 17.2

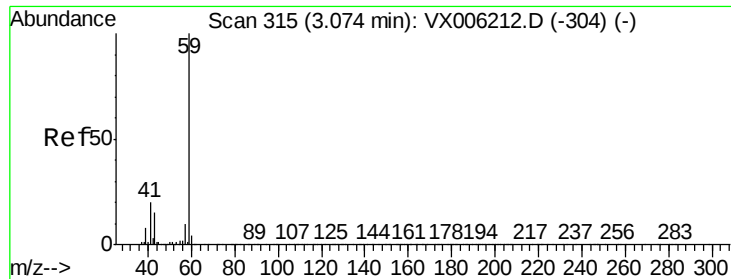


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

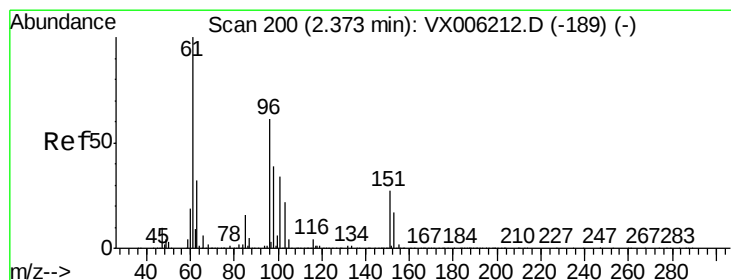
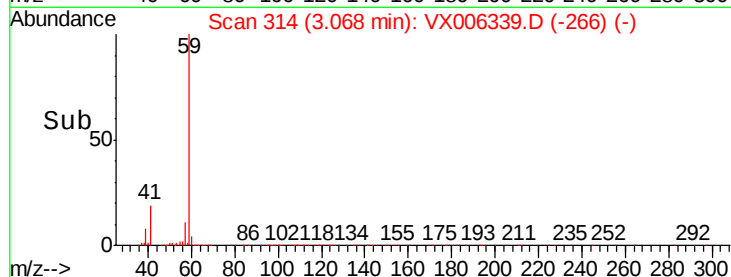
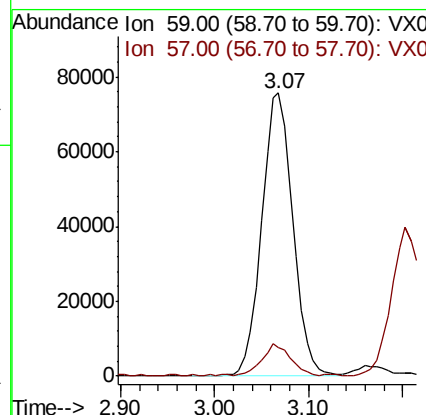
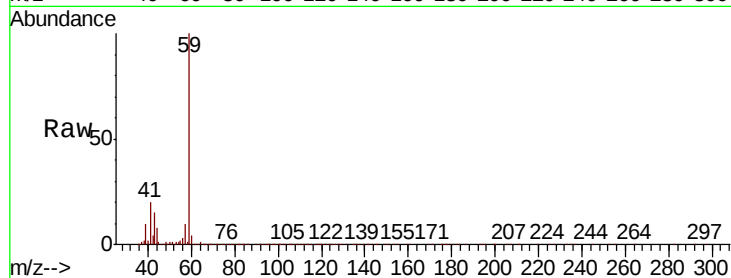




#11
Tert butyl alcohol
Concen: 93.018 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

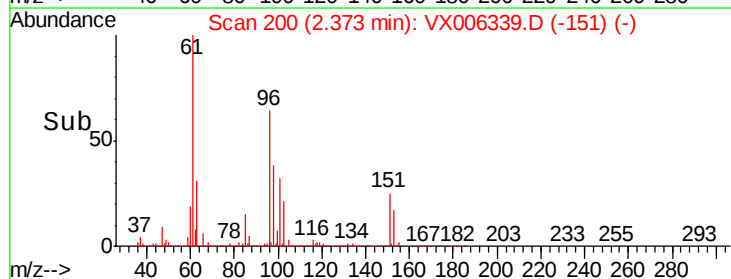
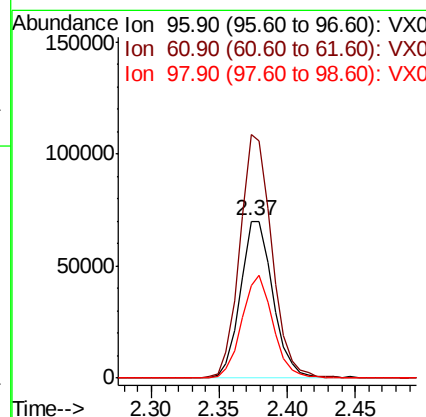
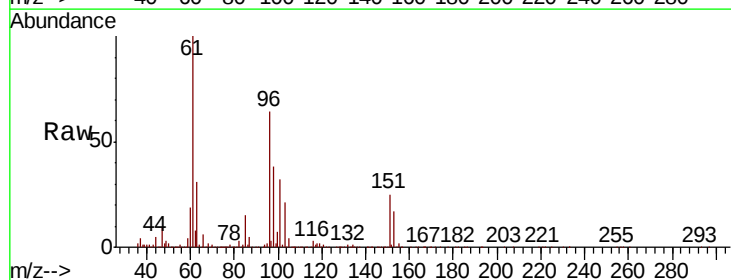
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

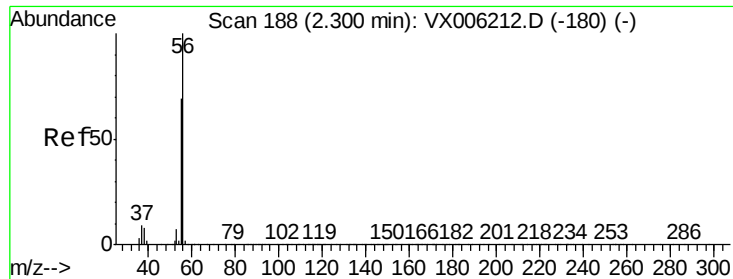
Tot Ion: 59 Resp: 175190
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.118 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 96 Resp: 116704
Ion Ratio Lower Upper
96 100
61 155.4 131.7 197.5
98 59.2 51.8 77.6





#13

Acrolein

Concen: 92.819 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

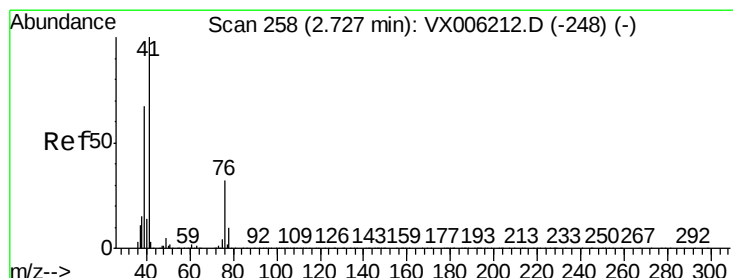
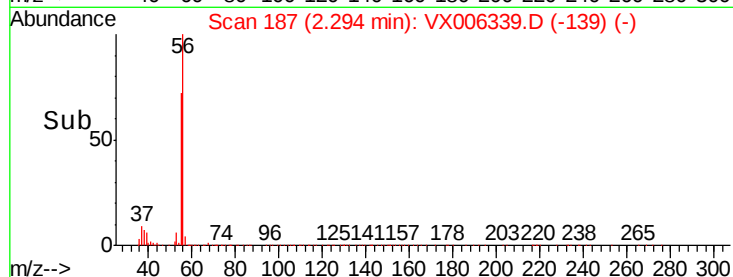
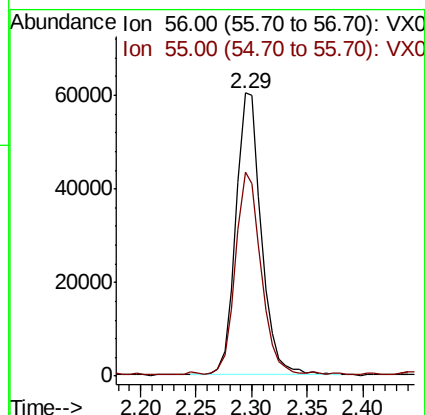
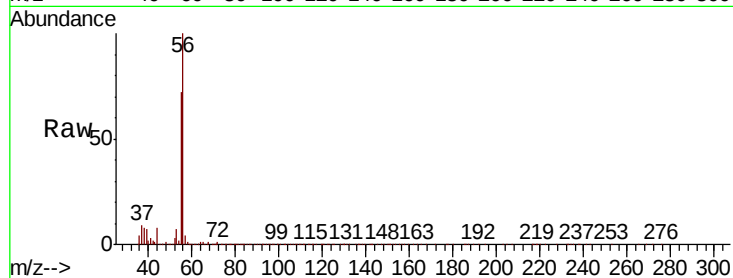
VX1207MBS01

Tot Ion: 56 Resp: 95548

Ion Ratio Lower Upper

56 100

55 72.2 57.8 86.6



#14

Allyl chloride

Concen: 17.821 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

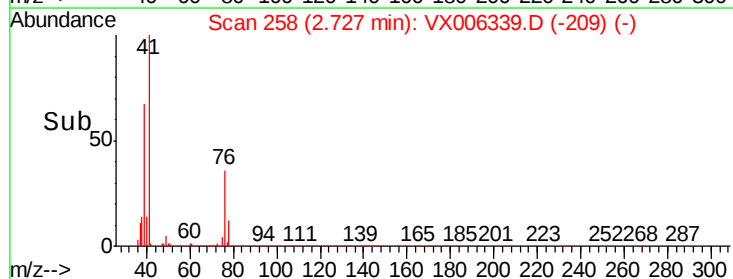
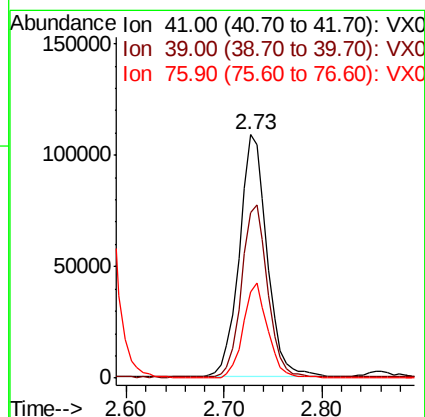
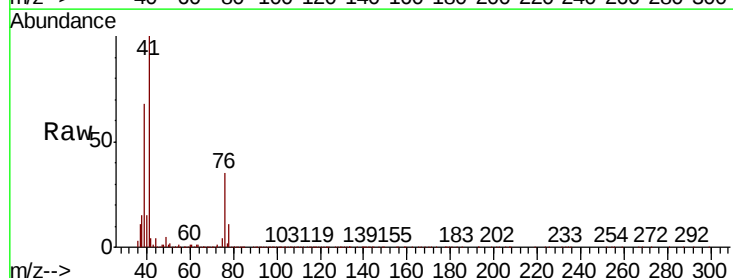
Tgt Ion: 41 Resp: 214898

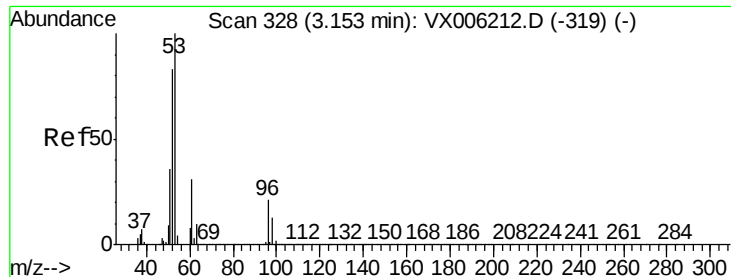
Ion Ratio Lower Upper

41 100

39 66.0 52.4 78.6

76 34.1 25.4 38.0





#15

Acrylonitrile

Concen: 94.764 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

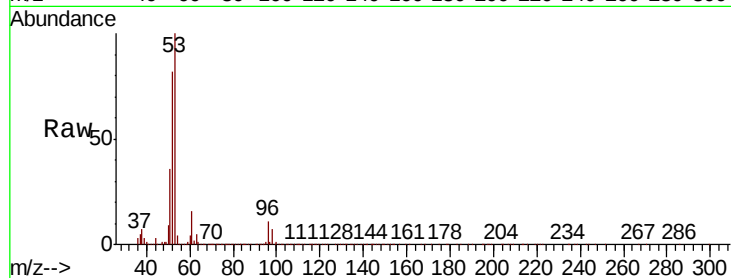
Tot Ion: 53 Resp: 372442

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.4

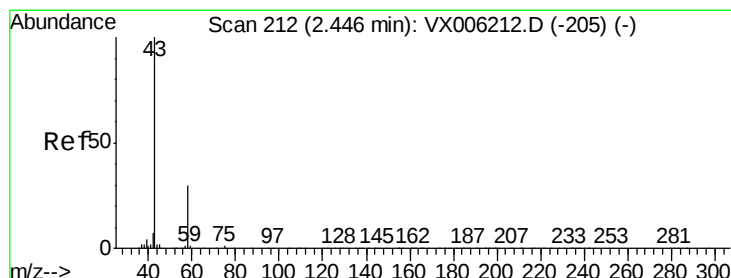
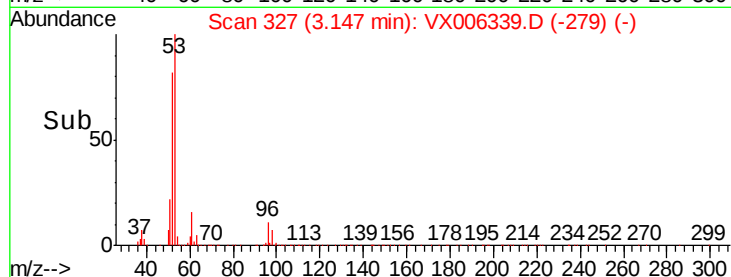
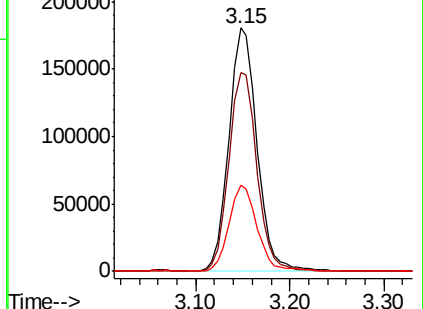
51 35.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.895 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006339.D

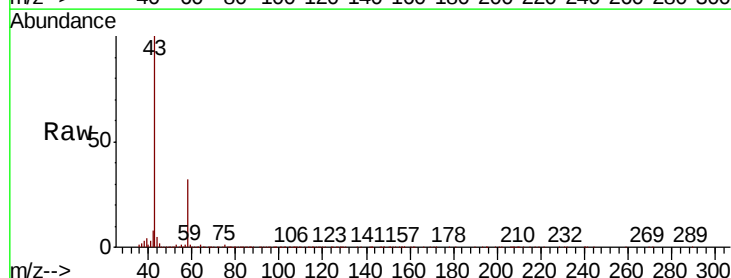
Acq: 07 Dec 2018 11:38

Tgt Ion: 43 Resp: 300233

Ion Ratio Lower Upper

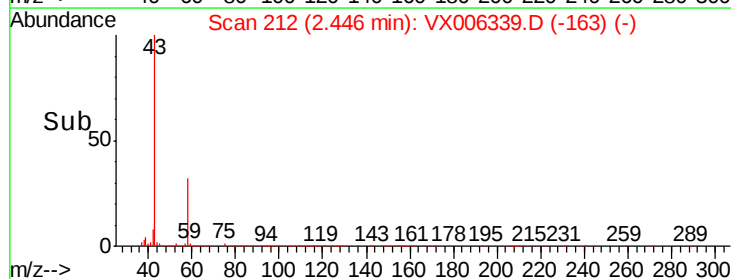
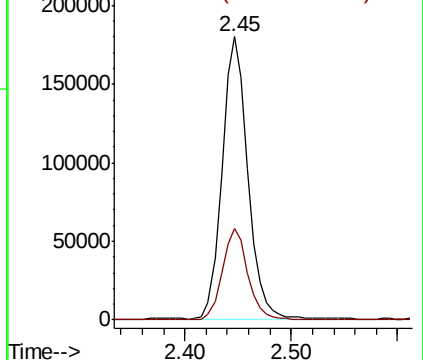
43 100

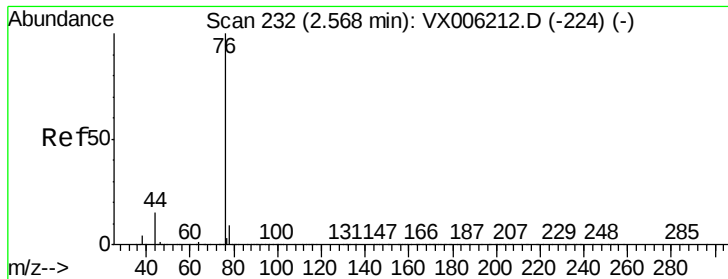
58 32.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

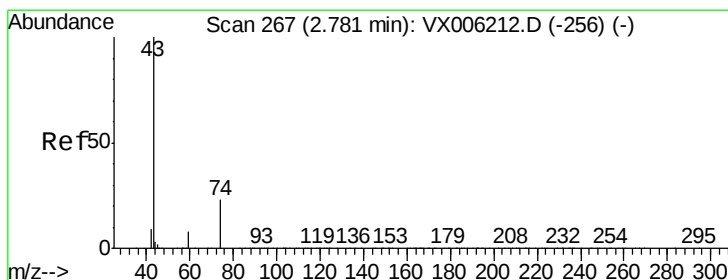
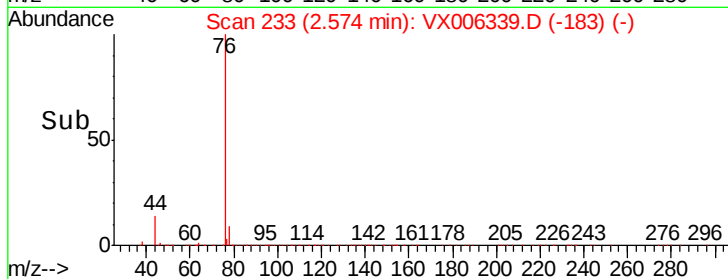
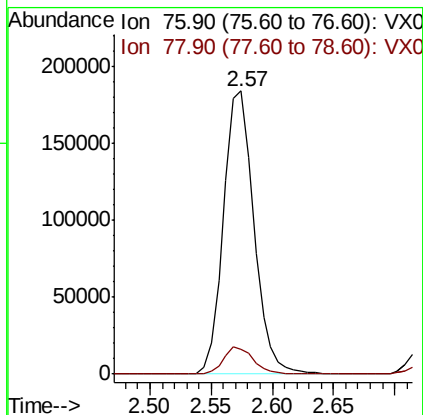
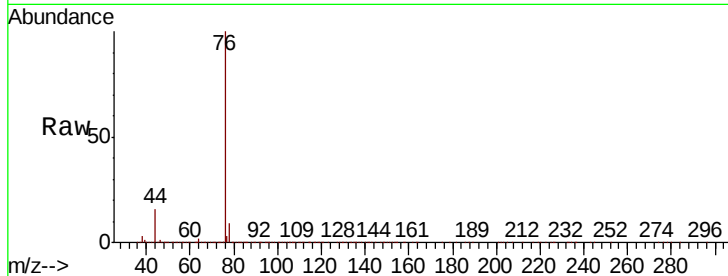




#17
Carbon Disulfide
Concen: 16.897 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

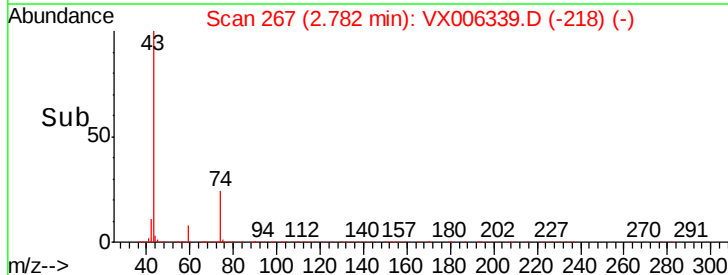
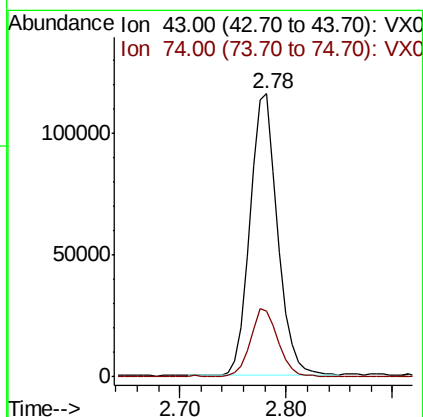
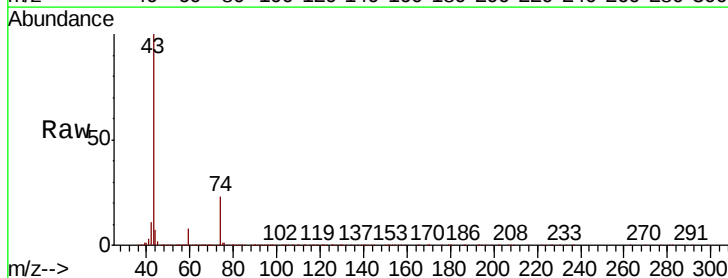
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

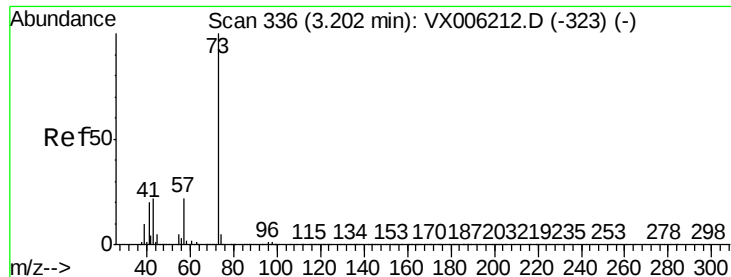
Tot Ion: 76 Resp: 317850
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 19.505 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 43 Resp: 210819
Ion Ratio Lower Upper
43 100
74 23.8 17.9 26.9

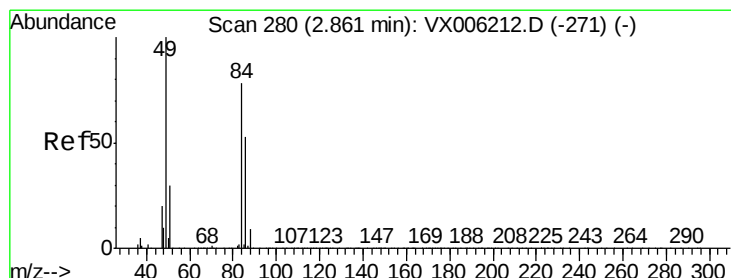
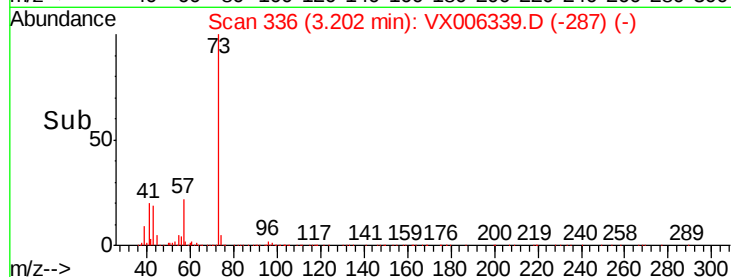
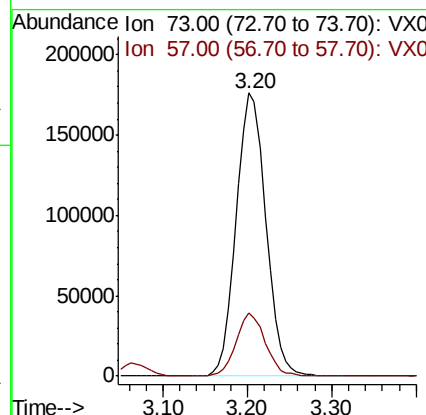
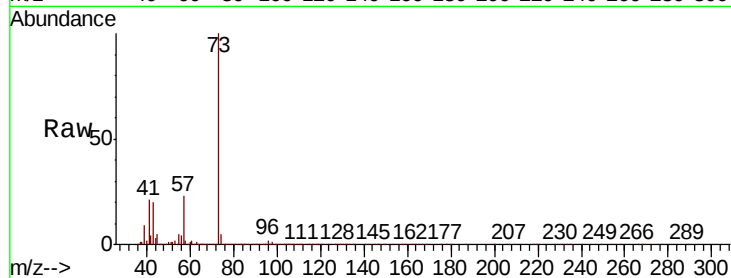




#19
Methvl tert-butvl Ether
Concen: 19.303 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

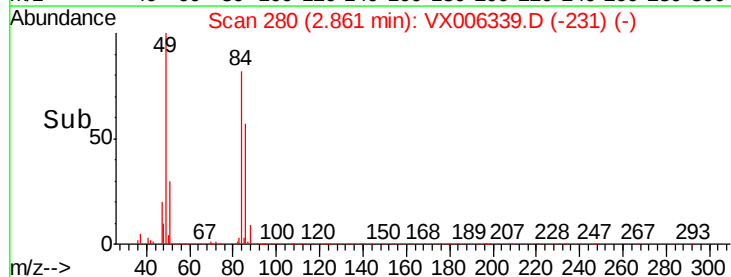
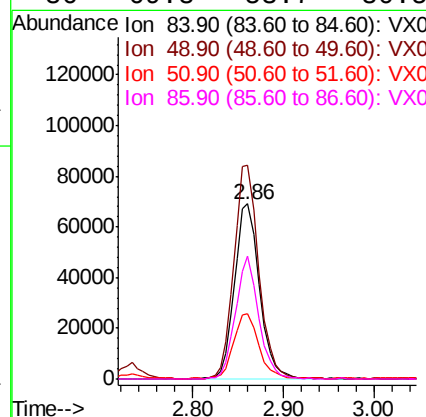
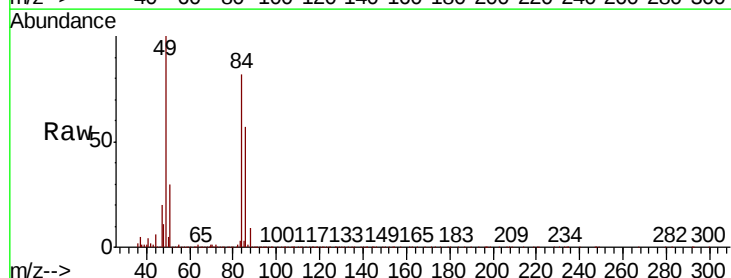
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

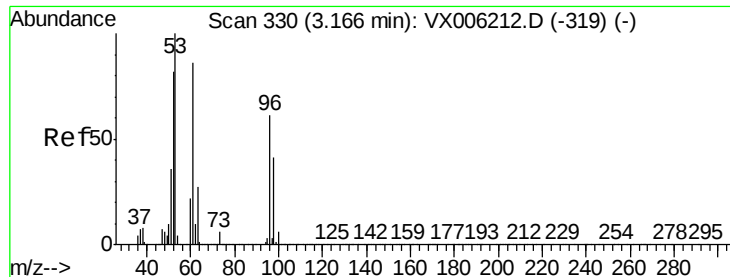
Tot Ion: 73 Resp: 420353
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 19.357 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 84 Resp: 133143
Ion Ratio Lower Upper
84 100
49 121.7 102.2 153.4
51 36.7 31.1 46.7
86 69.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.067 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

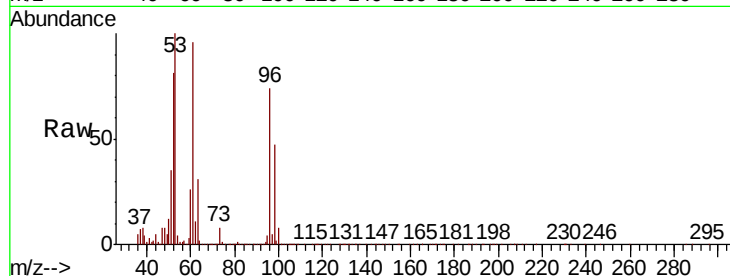
Tot Ion: 96 Resp: 124036

Ion Ratio Lower Upper

96 100

61 129.9 113.3 169.9

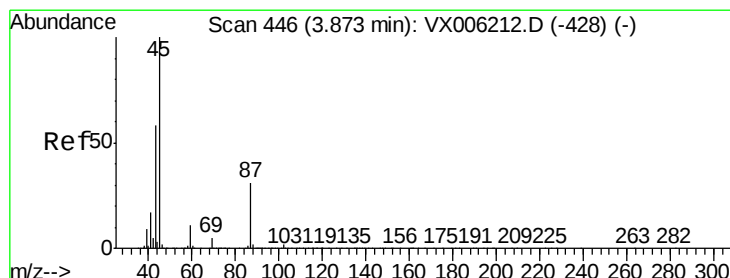
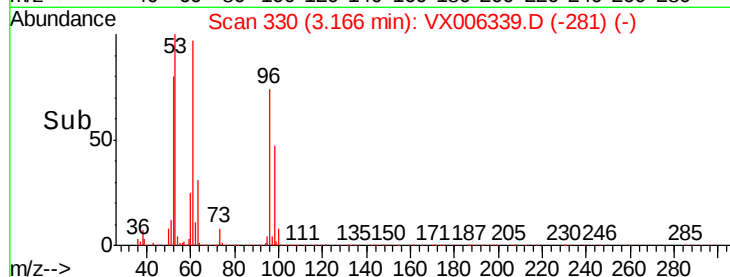
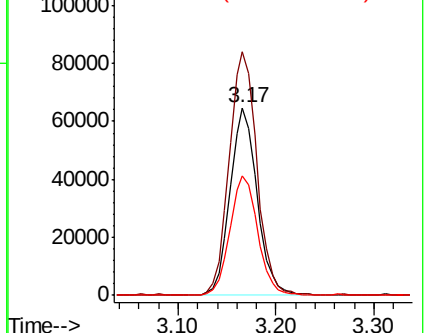
98 63.4 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.323 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion: 45 Resp: 382790

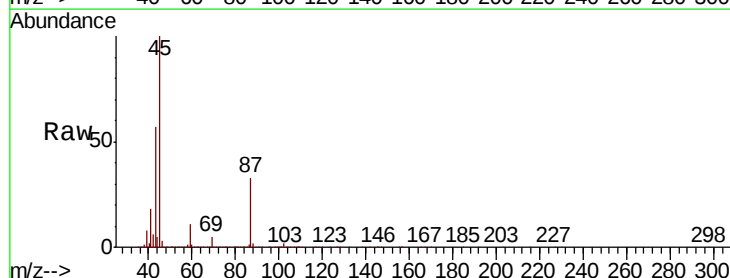
Ion Ratio Lower Upper

45 100

43 56.5 46.2 69.2

87 32.8 24.9 37.3

59 10.9 9.1 13.7

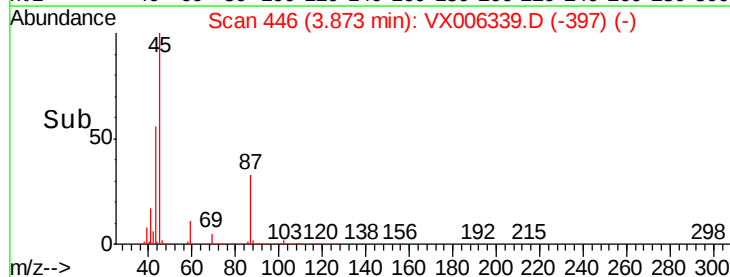
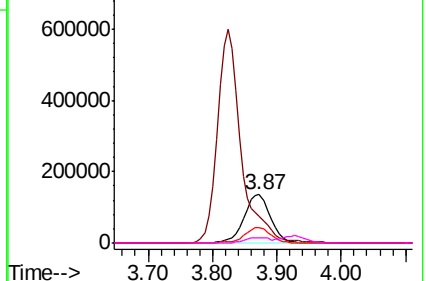


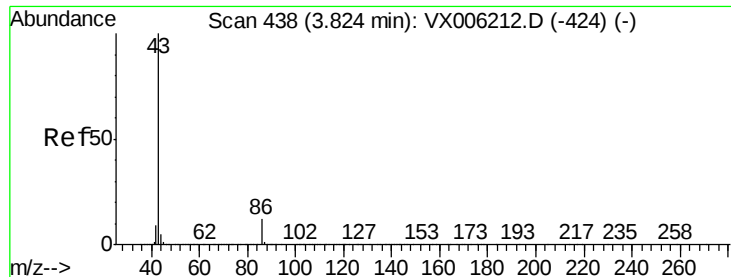
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.734 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

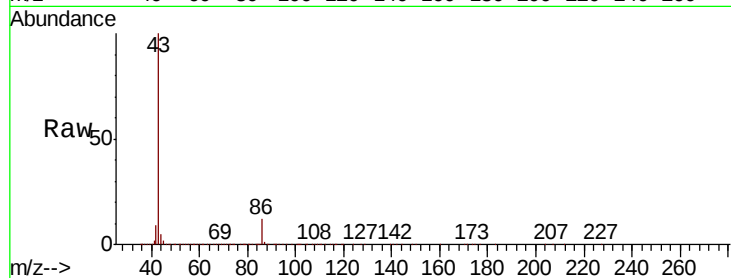
VX1207MBS01

Tot Ion: 43 Resp: 1554016

Ion Ratio Lower Upper

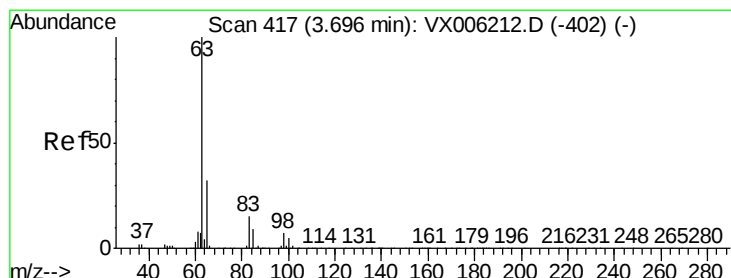
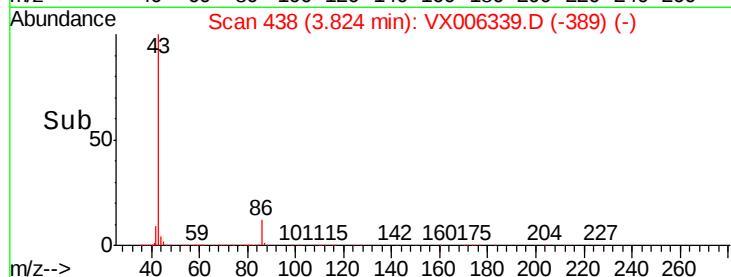
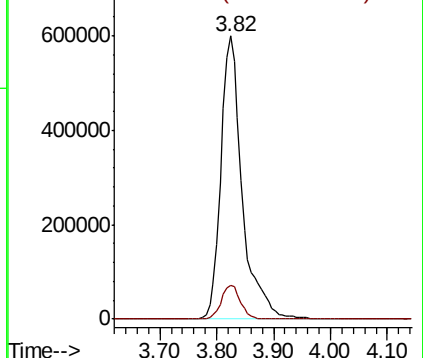
43 100

86 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.820 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

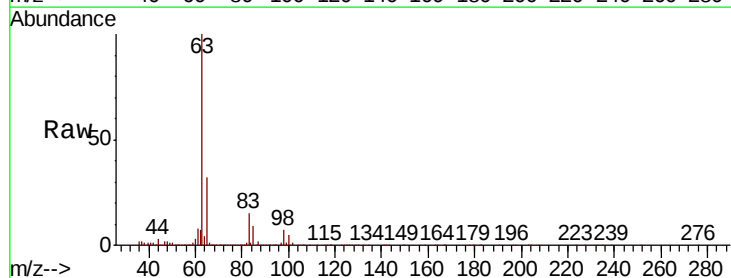
Tgt Ion: 63 Resp: 213379

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

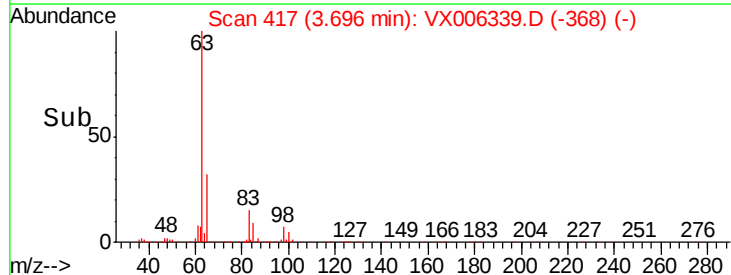
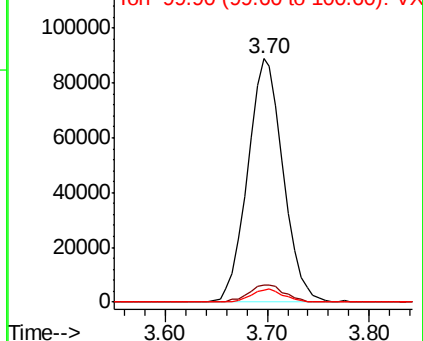
100 4.8 2.5 7.4

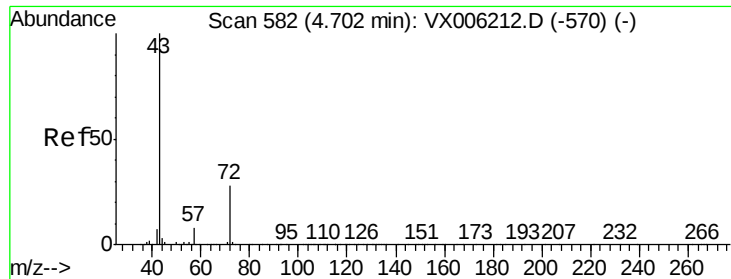


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.539 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

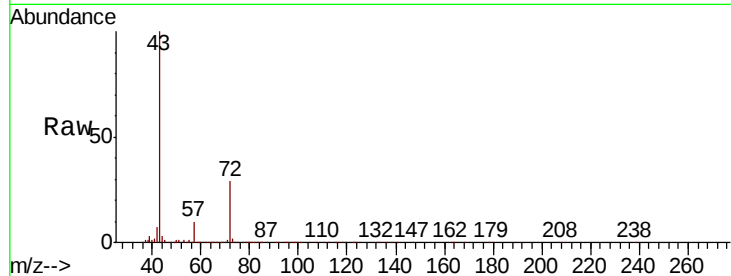
VX1207MBS01

Tot Ion: 43 Resp: 449808

Ion Ratio Lower Upper

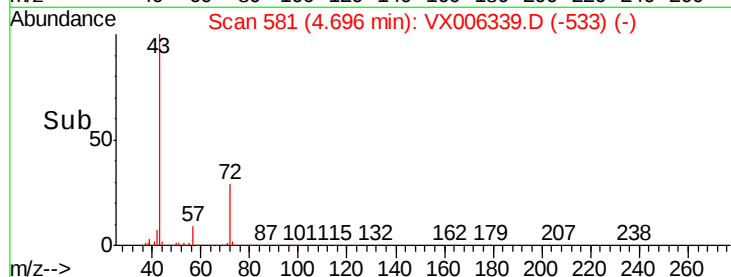
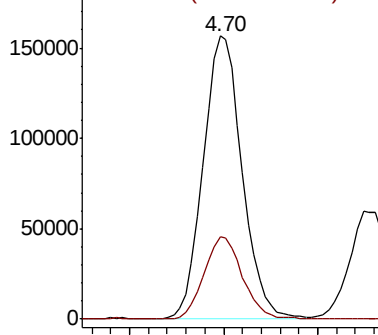
43 100

72 28.8 22.6 33.8

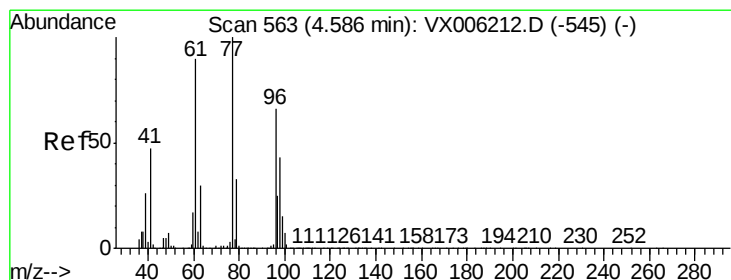


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 19.815 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006339.D

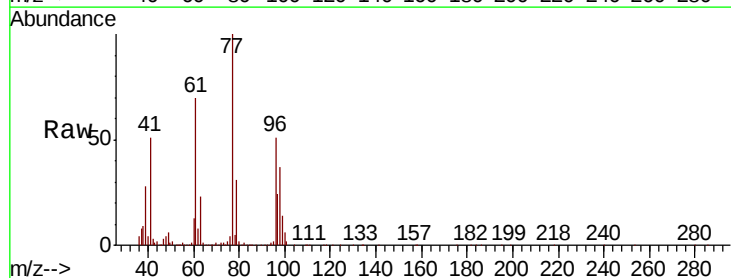
Acq: 07 Dec 2018 11:38

Tgt Ion: 77 Resp: 196877

Ion Ratio Lower Upper

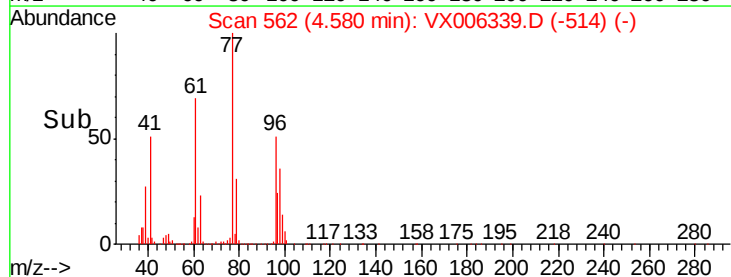
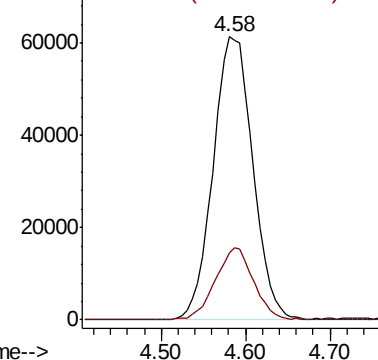
77 100

97 24.7 12.3 36.8

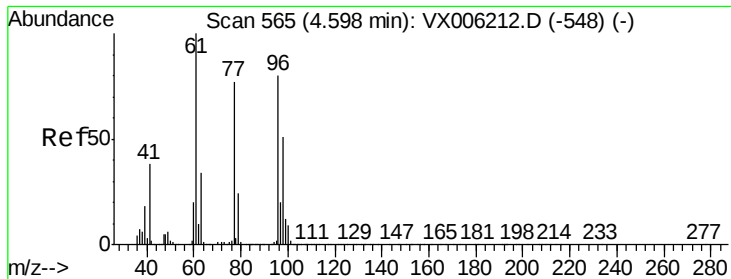


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

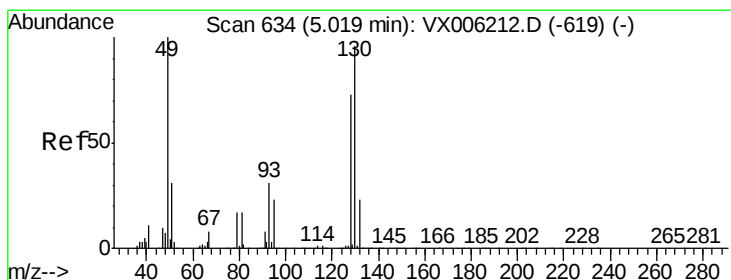
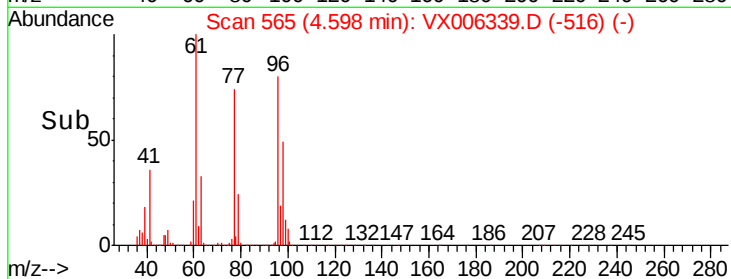
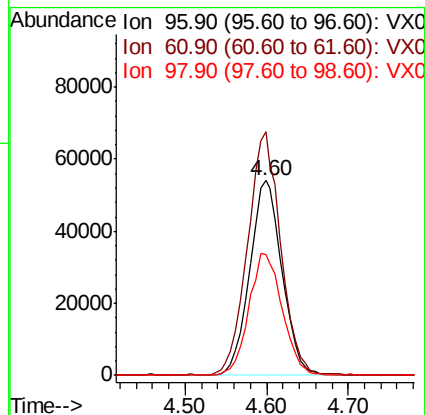
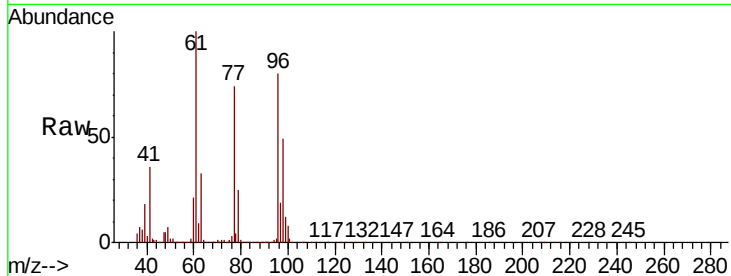


#27

cis-1,2-Dichloroethene
Concen: 20.626 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

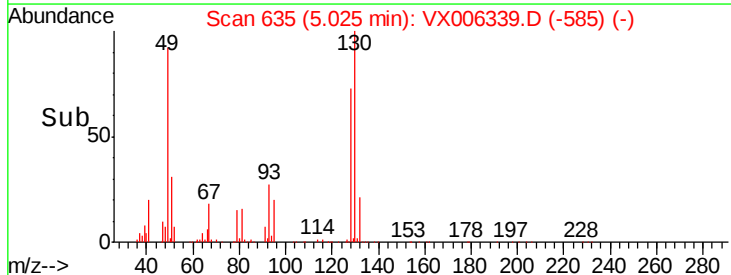
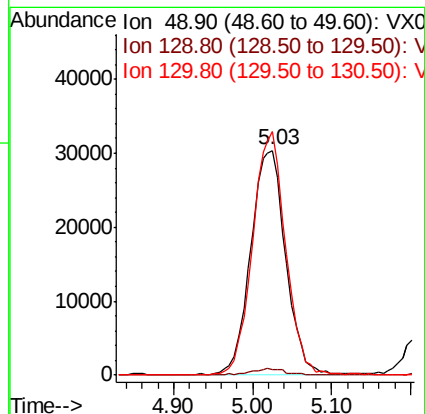
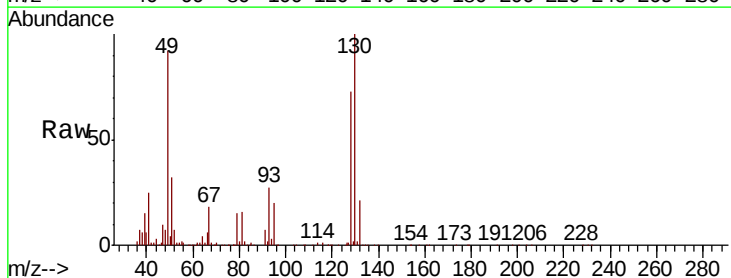
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	265.0
98	64.3	0.0	130.2

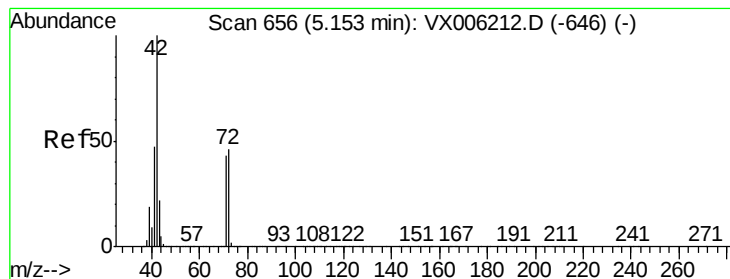


#28

Bromochloromethane
Concen: 19.924 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	101.7	78.3	117.5





#29

Tetrahydrofuran

Concen: 94.517 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

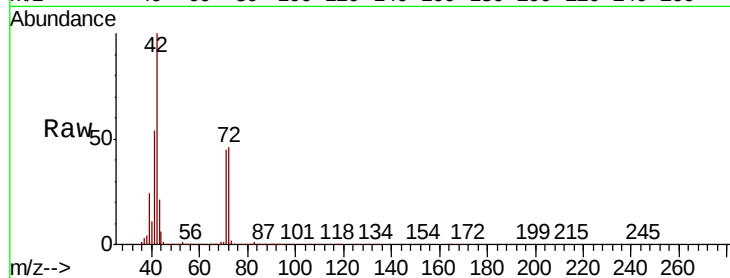
Tot Ion: 42 Resp: 302930

Ion Ratio Lower Upper

42 100

72 48.8 37.8 56.8

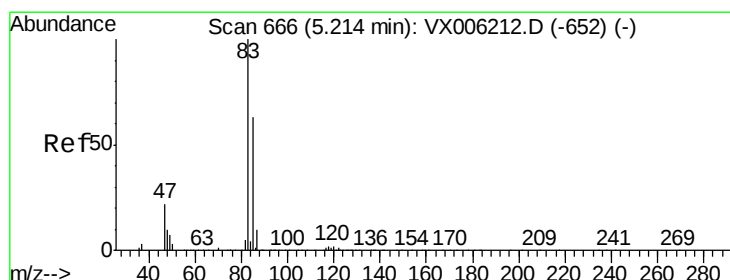
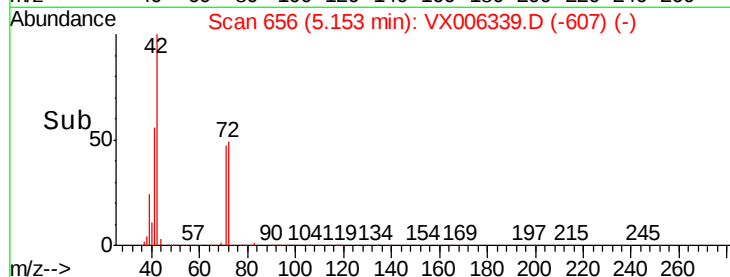
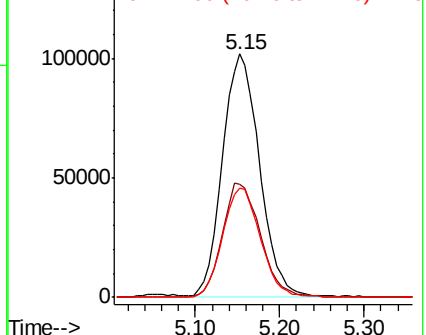
71 45.6 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.465 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006339.D

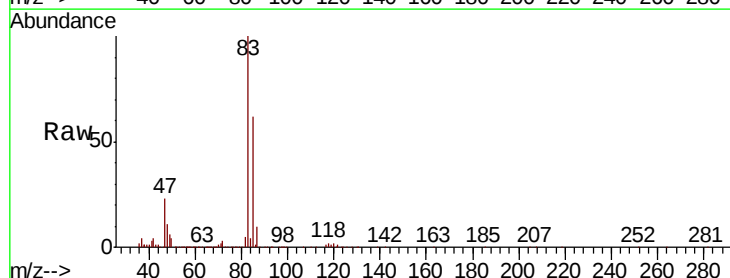
Acq: 07 Dec 2018 11:38

Tgt Ion: 83 Resp: 231528

Ion Ratio Lower Upper

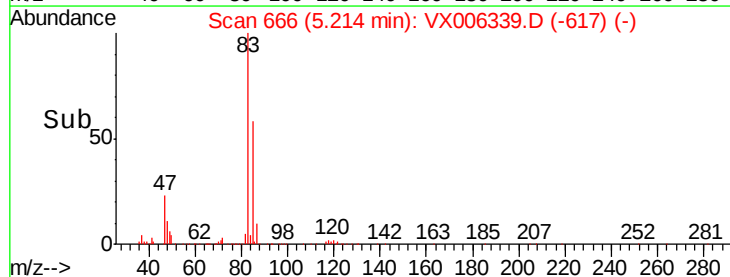
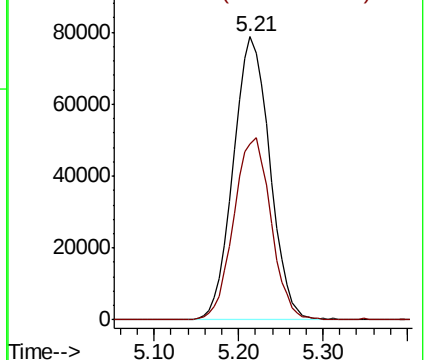
83 100

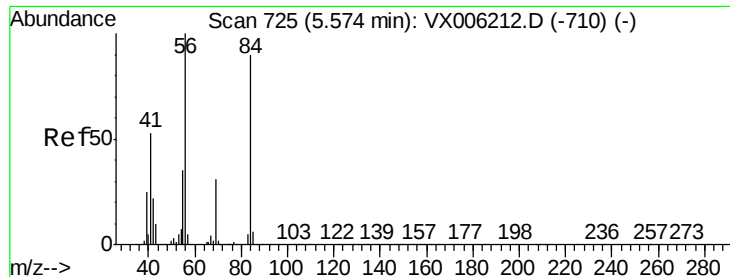
85 62.1 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

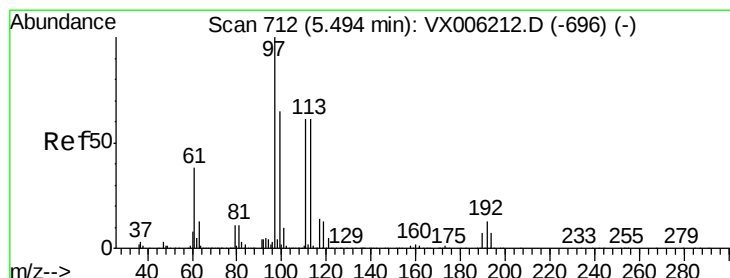
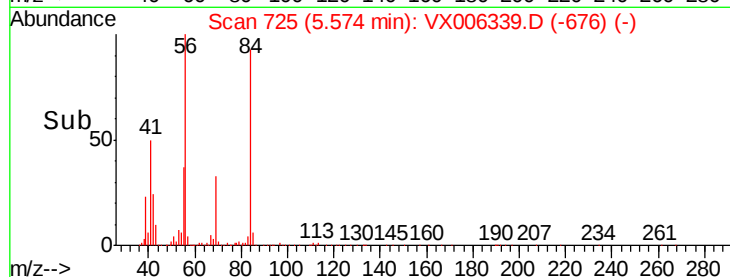
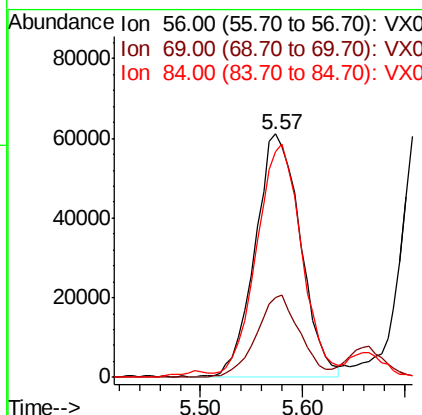
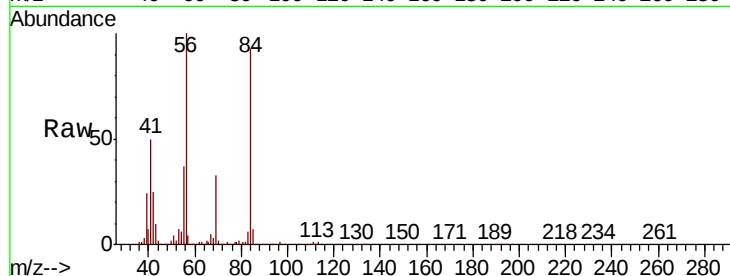




#31
Cyclohexane
Concen: 18.896 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

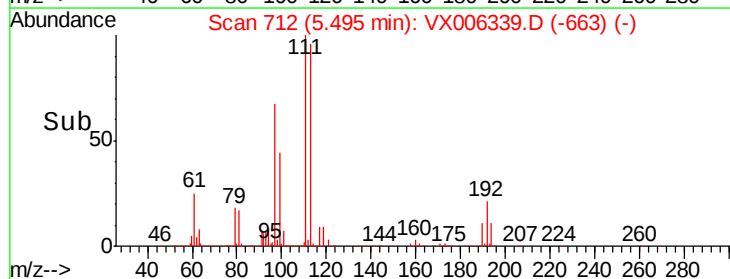
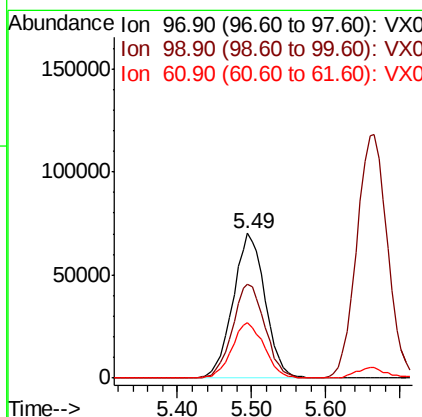
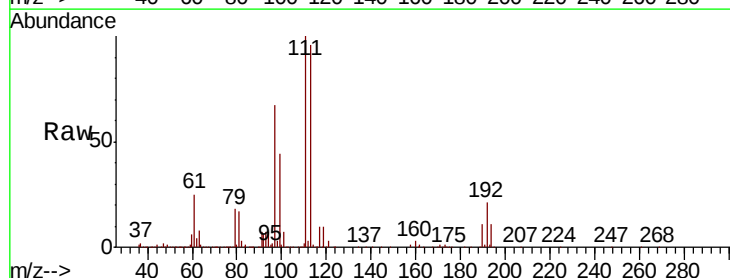
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

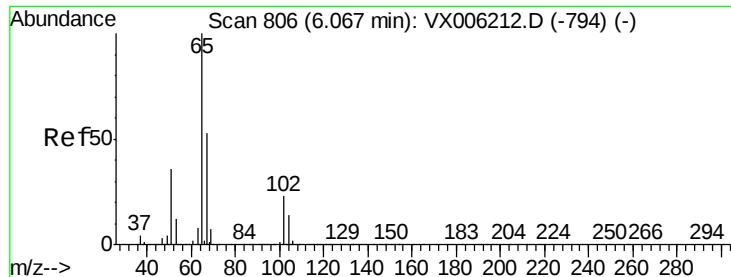
Tot Ion: 56 Resp: 188003
Ion Ratio Lower Upper
56 100
69 32.8 24.5 36.7
84 90.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.686 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 97 Resp: 211911
Ion Ratio Lower Upper
97 100
99 65.3 51.6 77.4
61 38.1 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.822 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

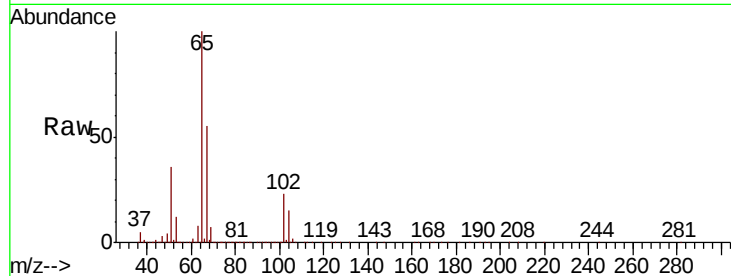
VX1207MBS01

Tot Ion: 65 Resp: 336233

Ion Ratio Lower Upper

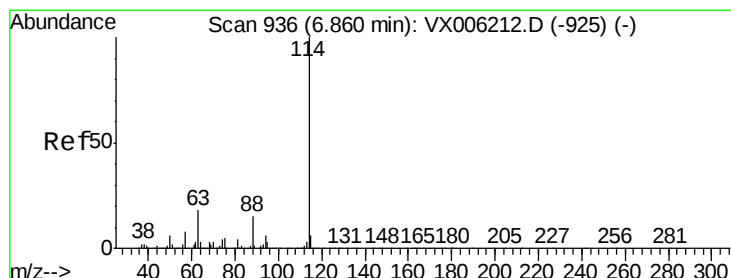
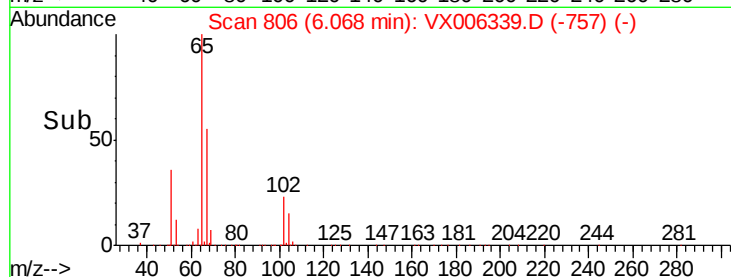
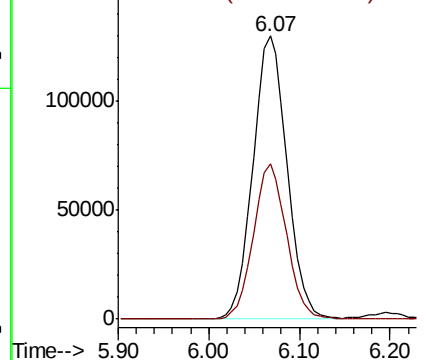
65 100

67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

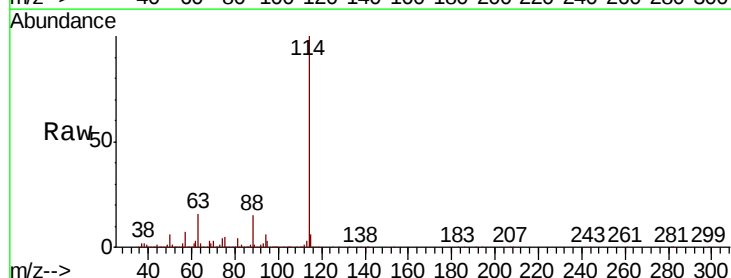
Tgt Ion: 114 Resp: 1012424

Ion Ratio Lower Upper

114 100

63 16.3 0.0 36.6

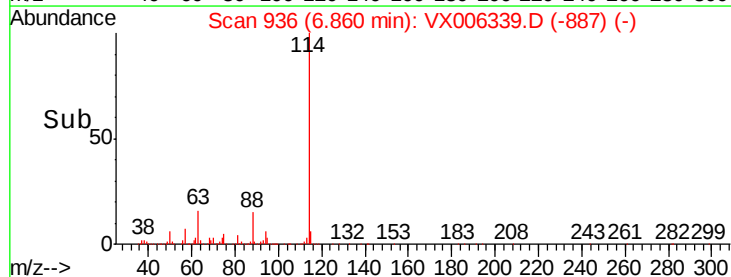
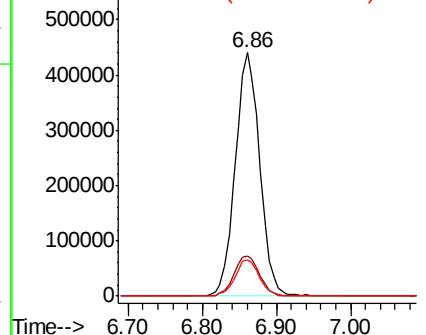
88 14.9 0.0 29.0

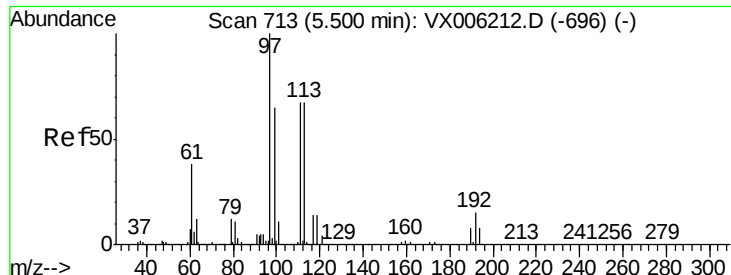


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.442 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

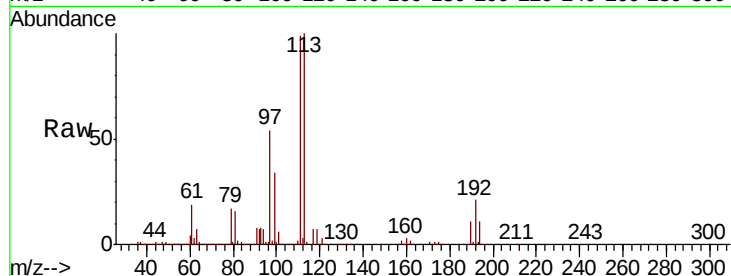
Tot Ion:113 Resp: 317541

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

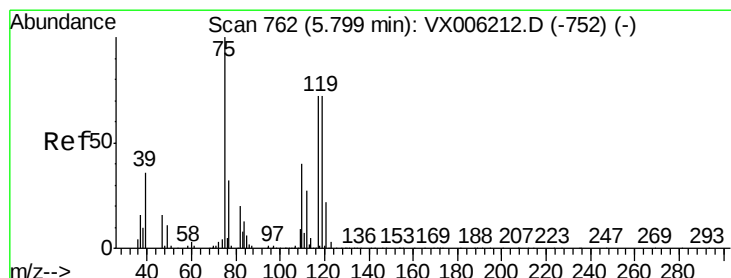
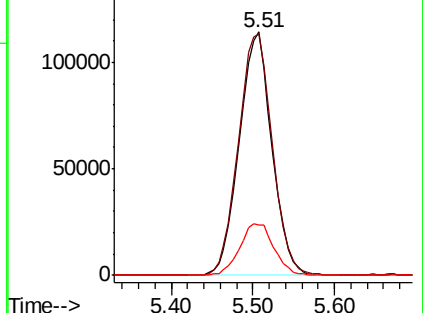
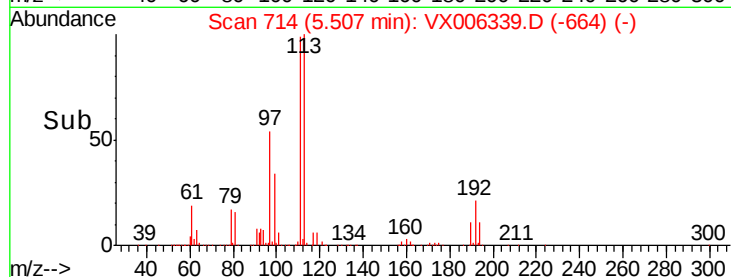
192 22.4 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.029 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

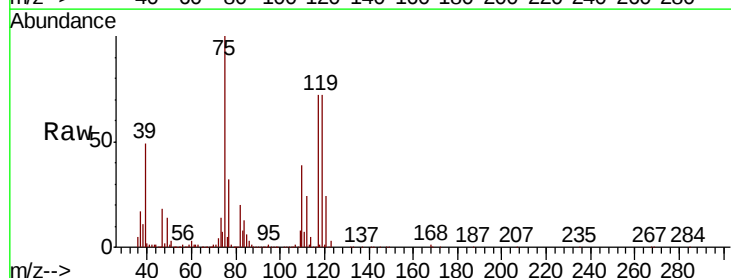
Tgt Ion: 75 Resp: 162233

Ion Ratio Lower Upper

75 100

110 41.6 20.4 61.3

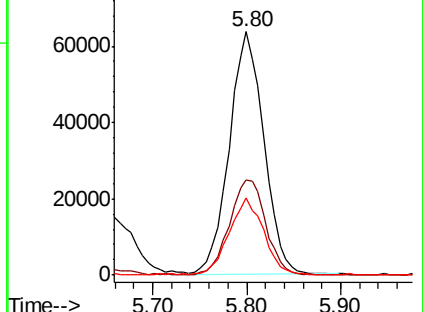
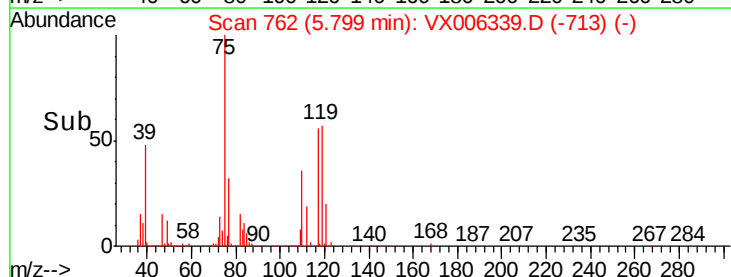
77 31.3 24.9 37.3

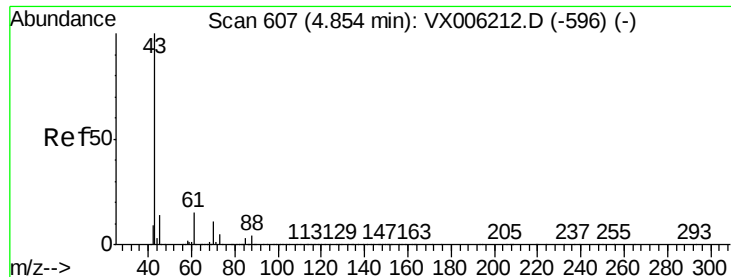


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

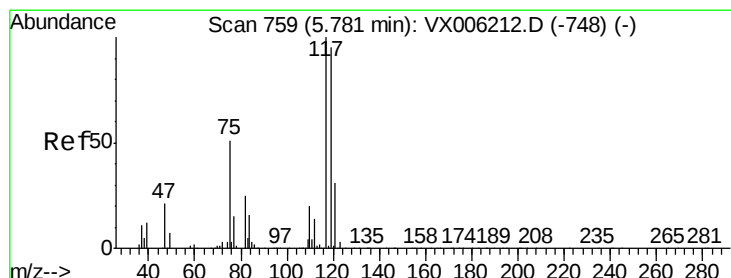
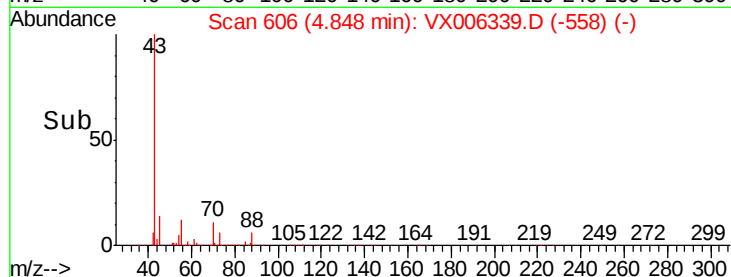
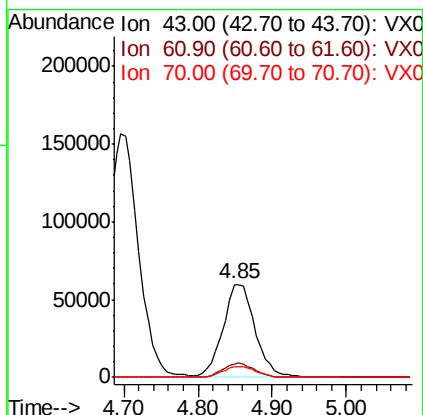
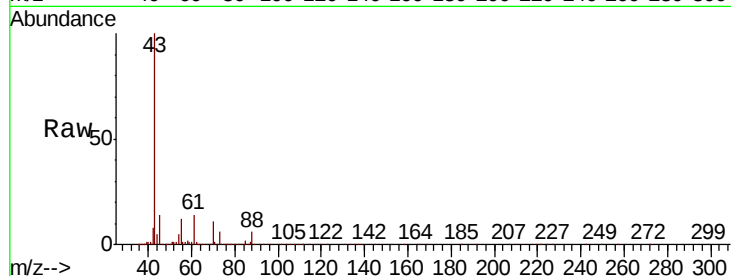




#37
Ethyl Acetate
Concen: 18.713 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

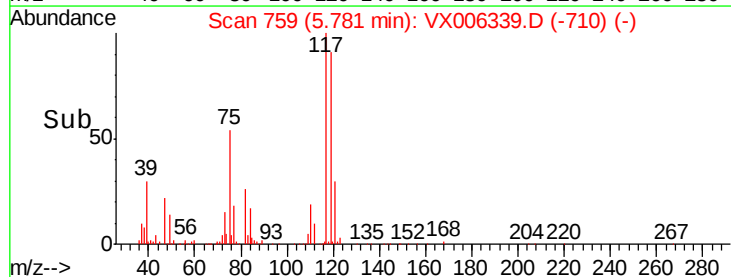
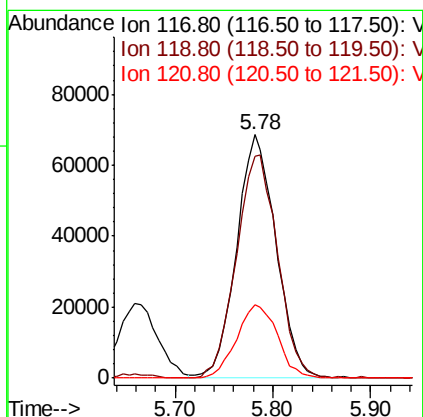
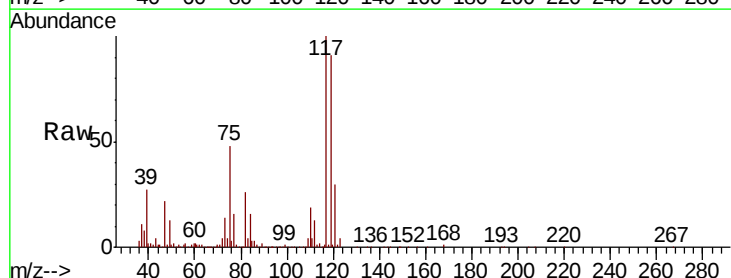
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

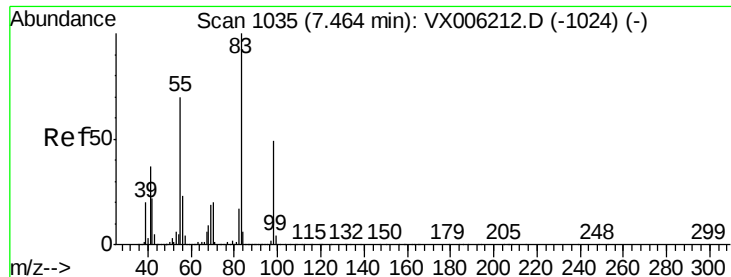
Tot Ion: 43 Resp: 178664
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.036 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 117 Resp: 190929
Ion Ratio Lower Upper
117 100
119 91.2 75.8 113.8
121 30.2 24.6 37.0

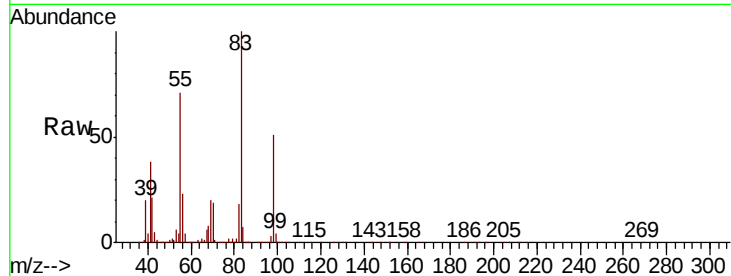




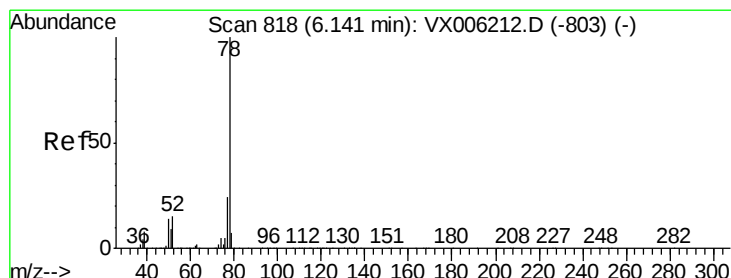
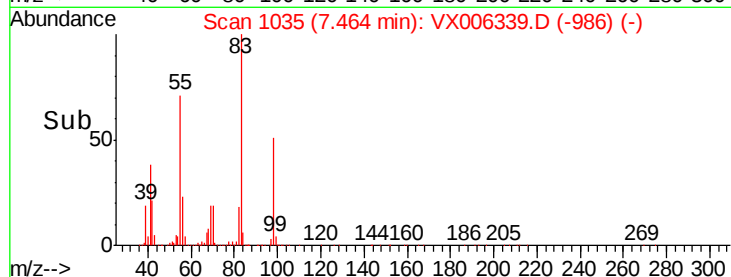
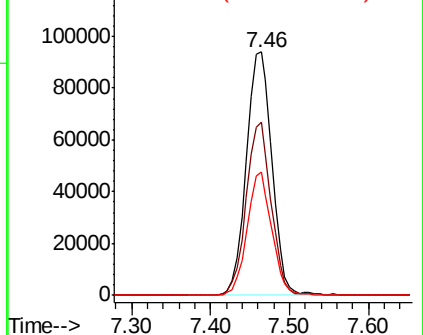
#39
Methvlcvclohexane
Concen: 19.244 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion: 83 Resp: 212962
Ion Ratio Lower Upper
83 100
55 70.7 56.4 84.6
98 50.6 39.0 58.6

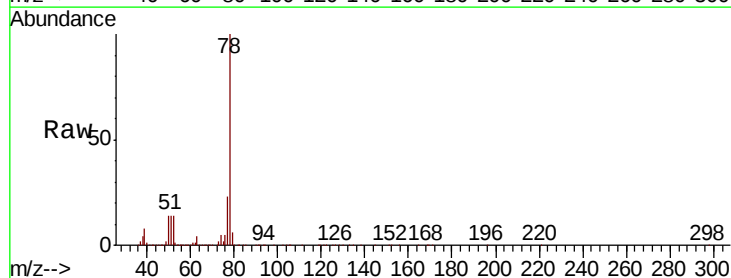


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

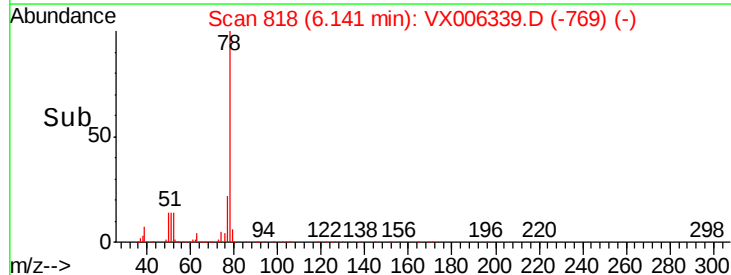
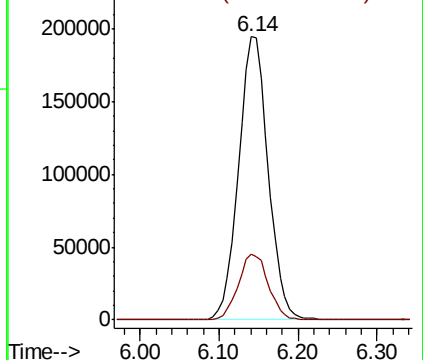


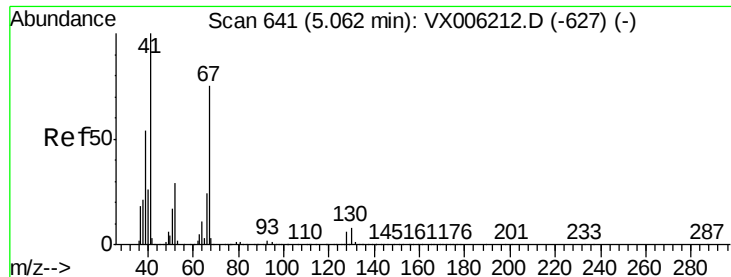
#40
Benzene
Concen: 19.847 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 78 Resp: 506795
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

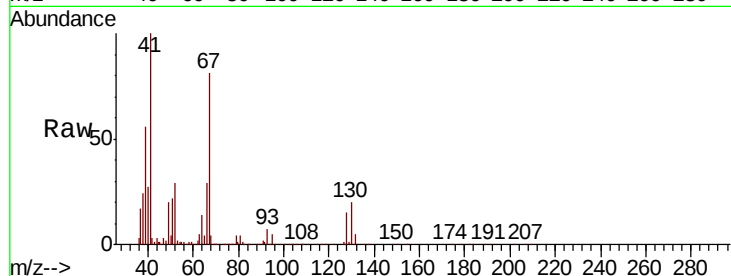




#41
Methacrylonitrile
Concen: 18.667 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

Tot Ion:	41	Resp:	98067
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.0	66.0
67	78.9	61.4	92.0
52	29.3	23.5	35.3



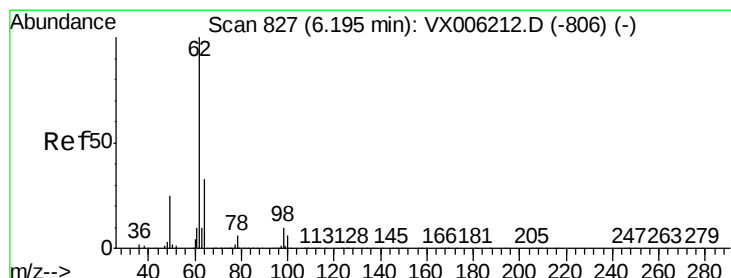
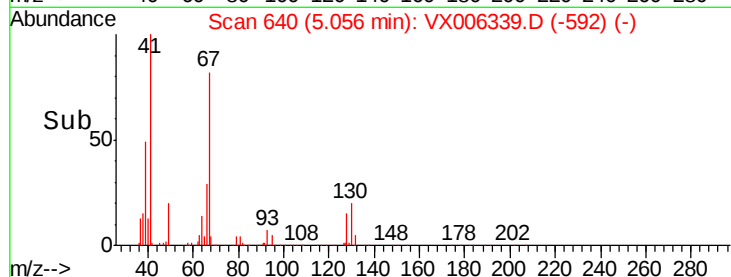
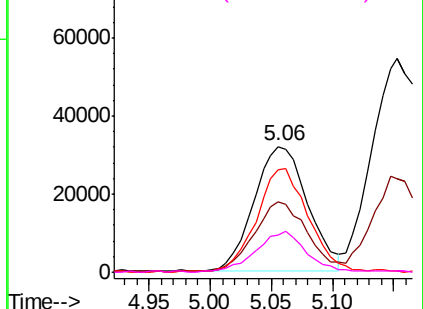
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

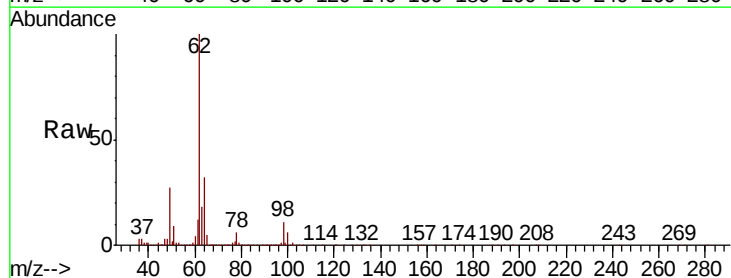
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.384 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

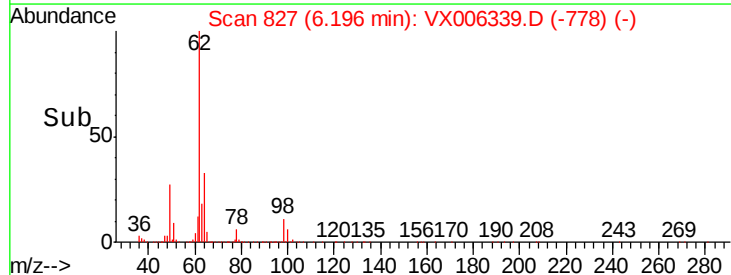
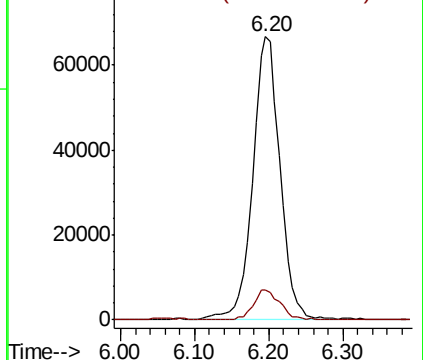
Tgt Ion:	62	Resp:	170350
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2

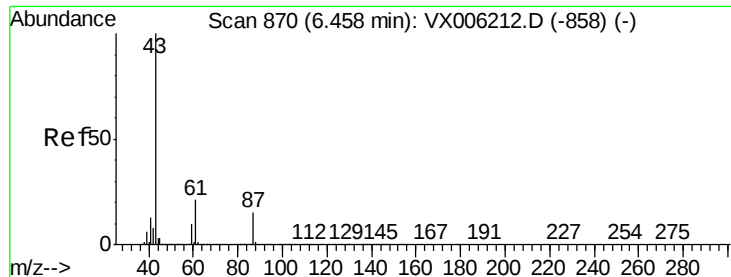


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



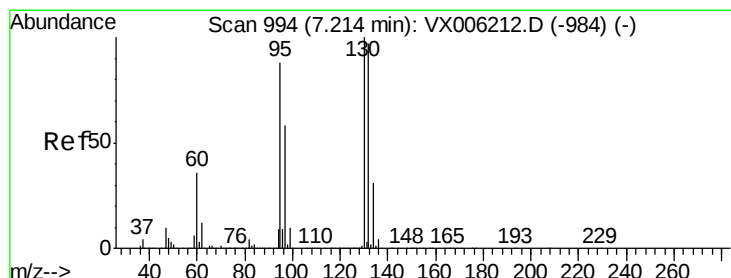
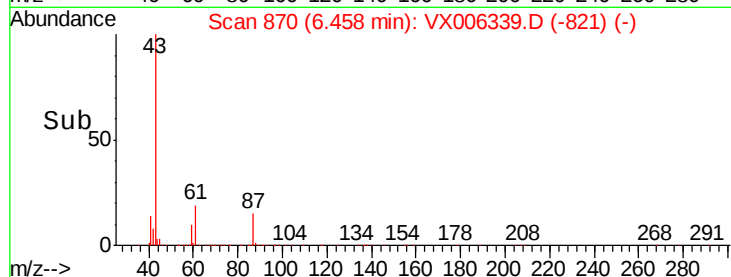
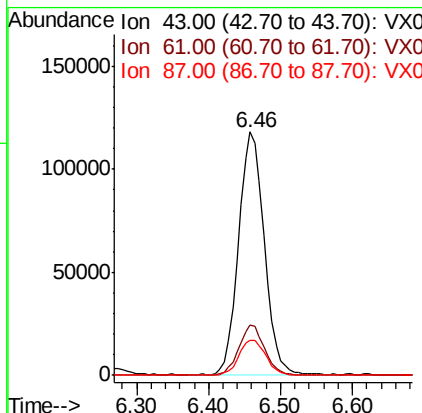
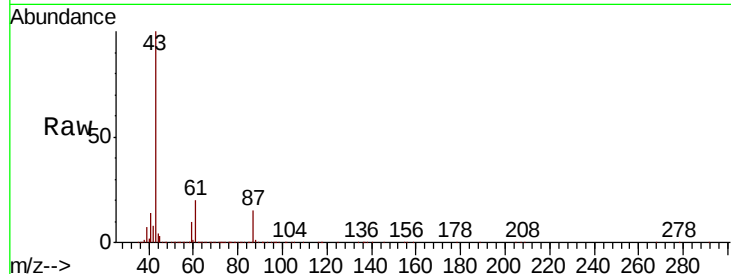


#43

Isopropyl Acetate
 Concen: 18.317 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

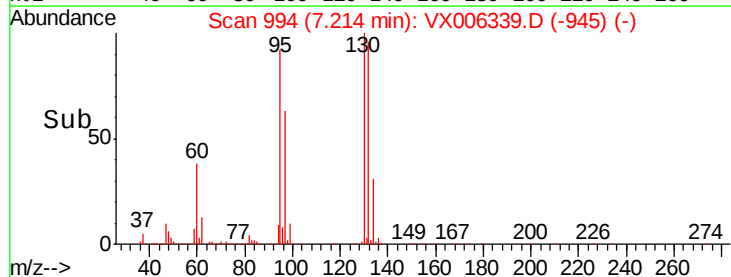
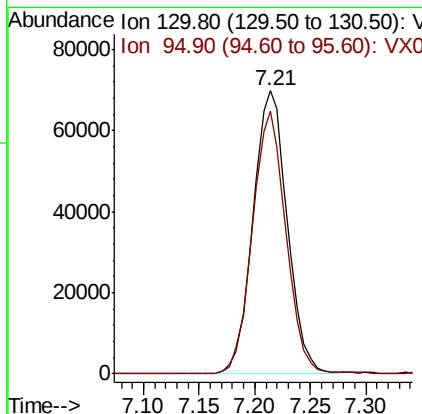
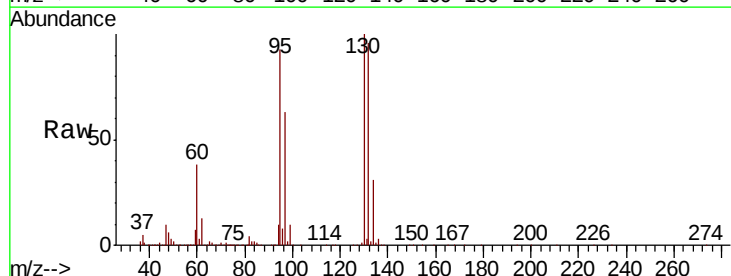
Tot Ion	43	Resp	291577
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.8	25.2
87	15.5	11.9	17.9

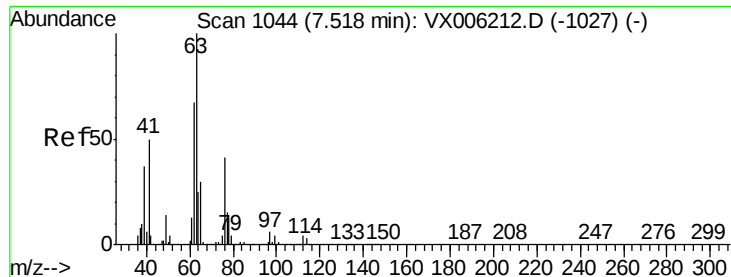


#44

Trichloroethene
 Concen: 19.373 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	130	Resp	149867
Ion Ratio	Lower	Upper	
130	100		
95	92.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.477 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

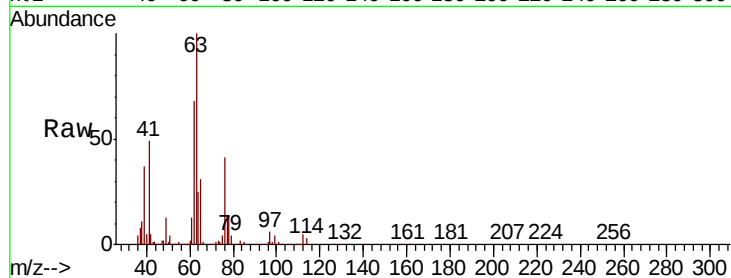
VX1207MBS01

Tot Ion: 63 Resp: 126404

Ion Ratio Lower Upper

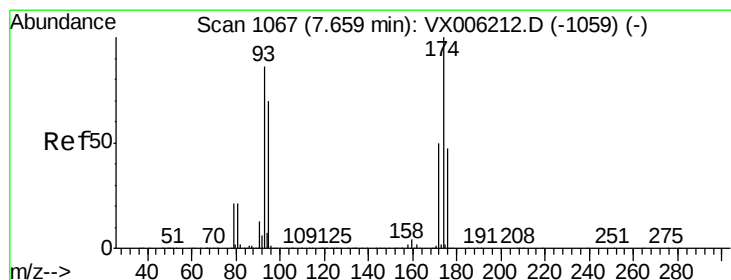
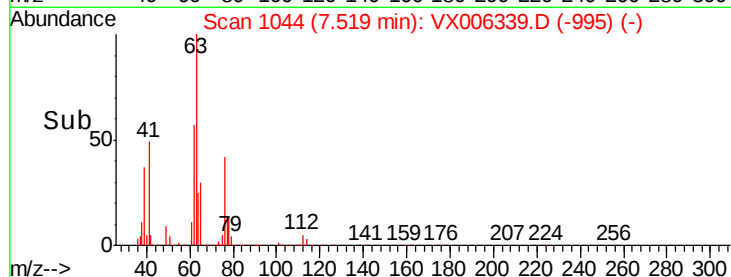
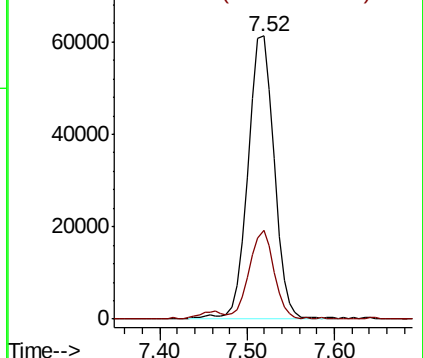
63 100

65 31.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.530 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

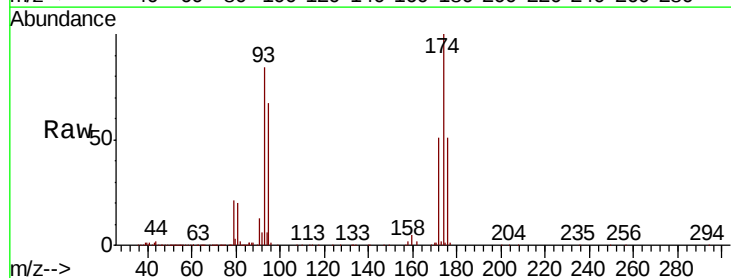
Tgt Ion: 93 Resp: 91540

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

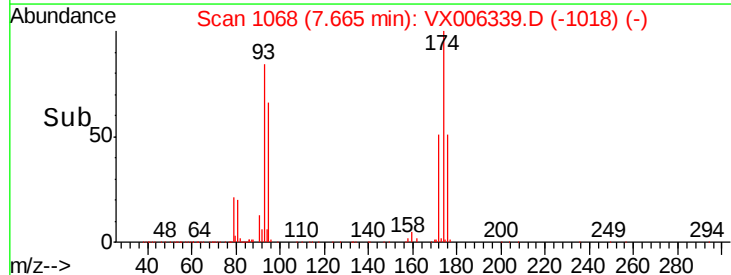
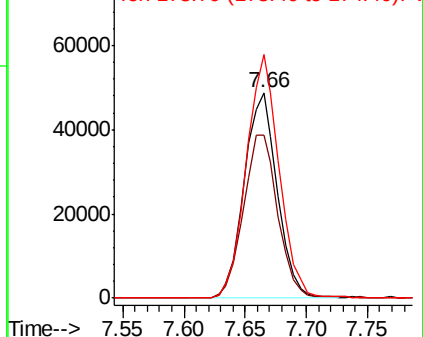
174 118.3 97.2 145.8

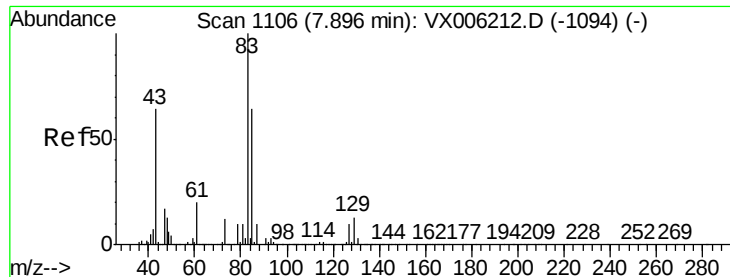


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.357 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

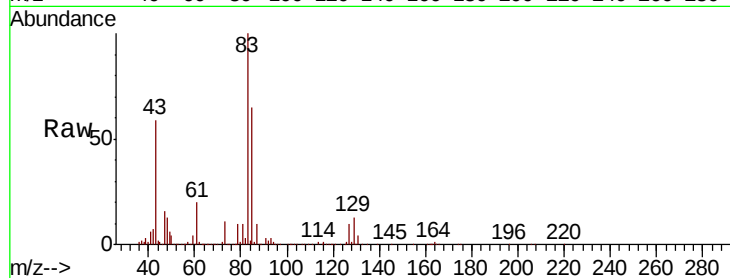
Tot Ion: 83 Resp: 175695

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

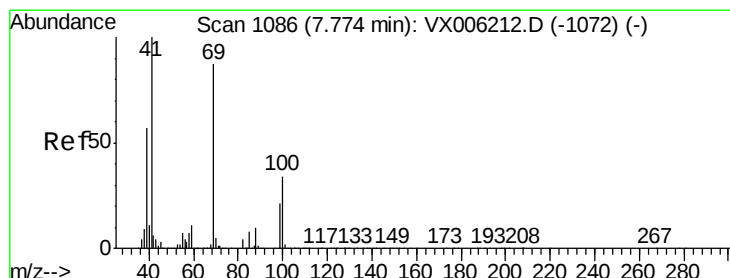
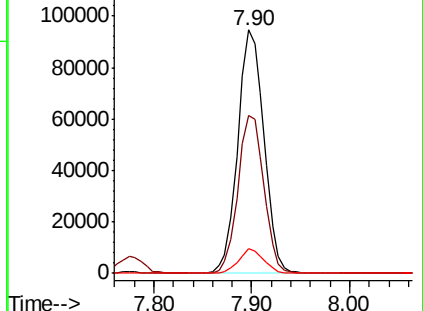
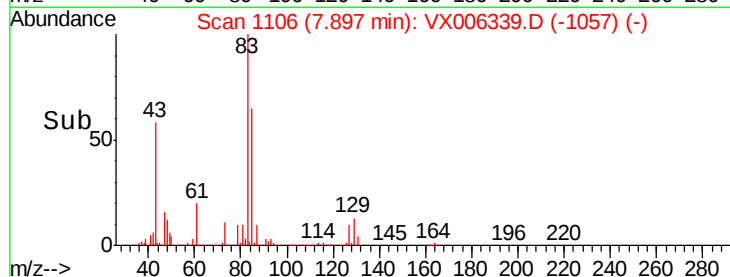
127 10.1 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.461 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

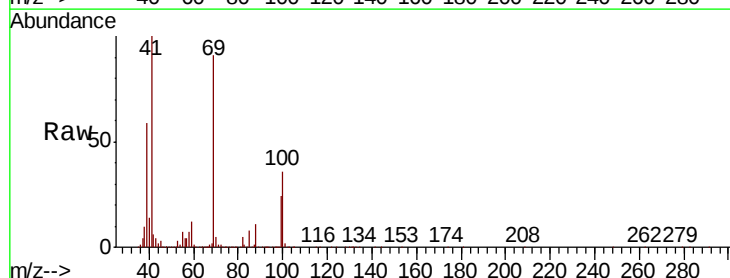
Tgt Ion: 41 Resp: 142966

Ion Ratio Lower Upper

41 100

69 90.8 70.3 105.5

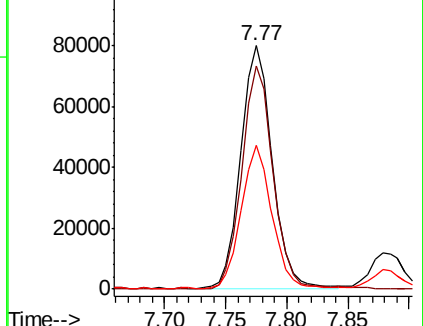
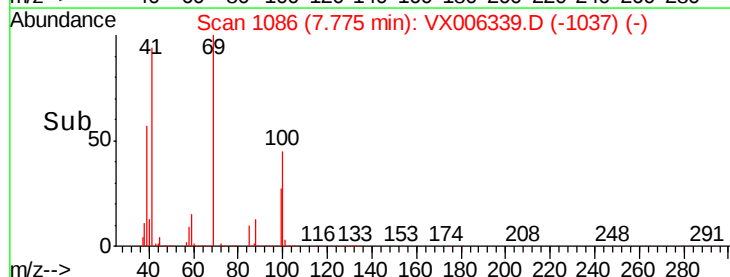
39 57.3 45.3 67.9

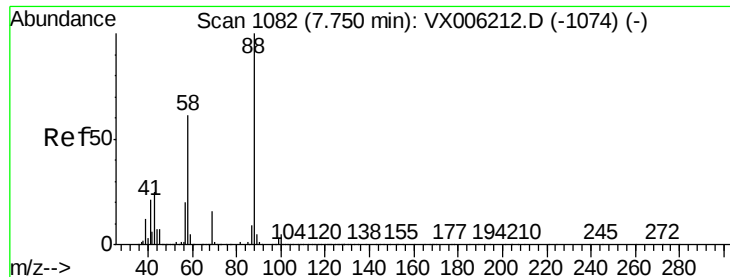


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 392.916 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

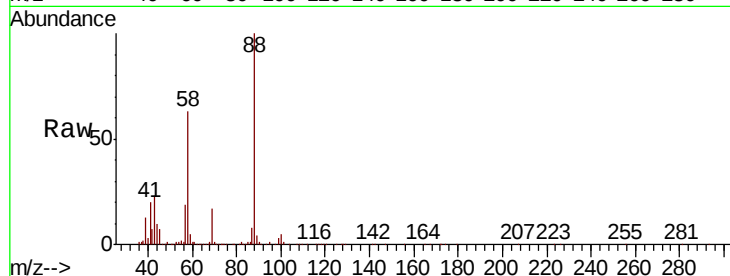
MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion: 88 Resp: 74995

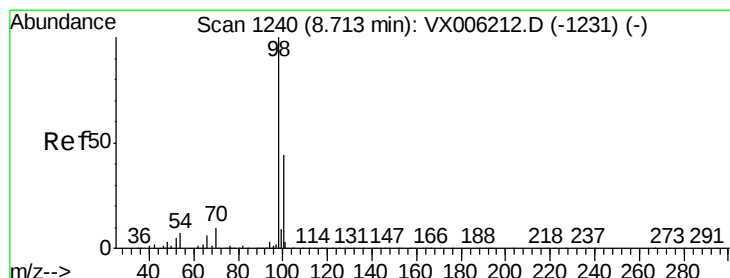
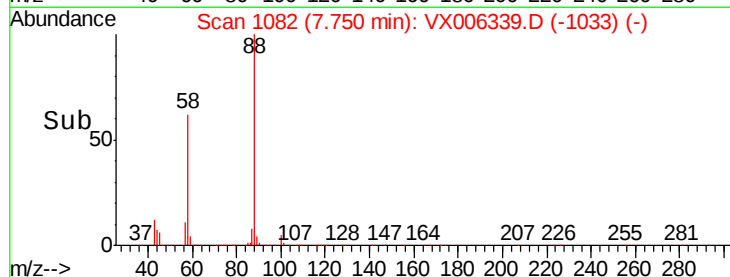
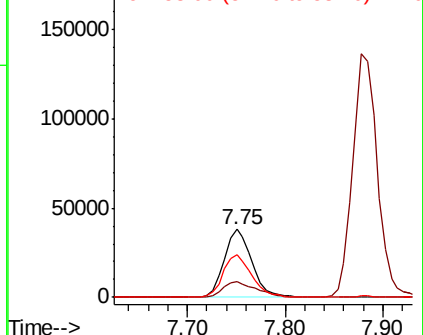
Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.2	34.8
58	65.3	51.4	77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.136 ug/l

RT: 8.71 min Scan# 1240

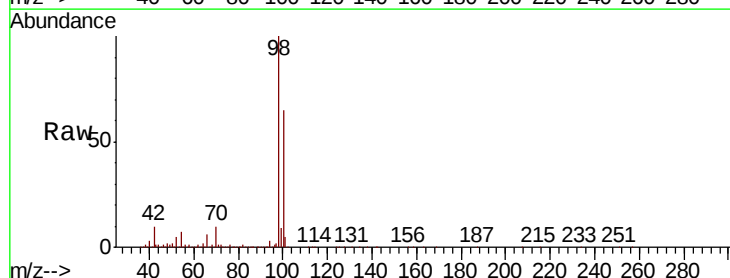
Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

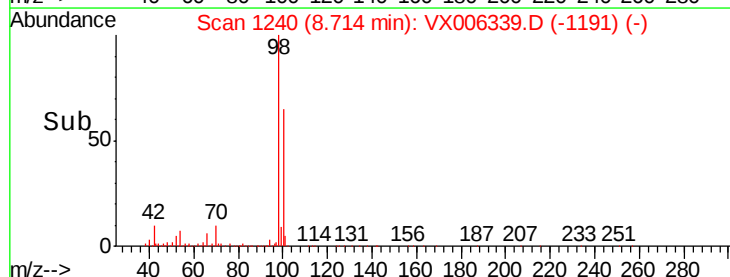
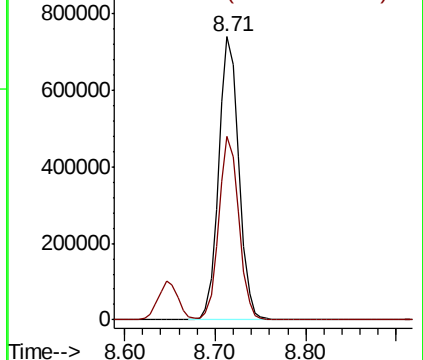
Tgt Ion: 98 Resp: 1147720

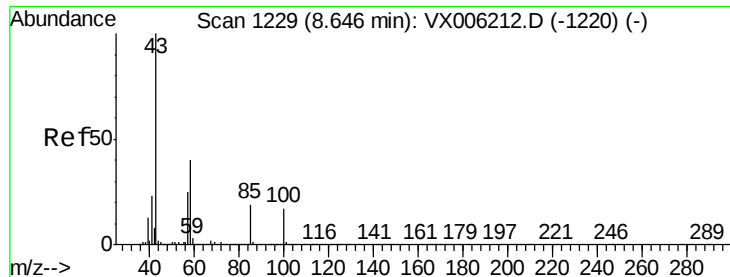
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.238 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

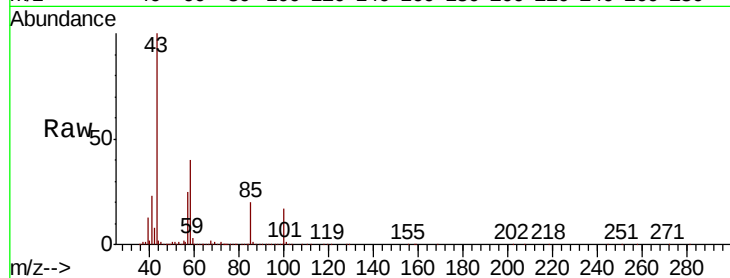
VX1207MBS01

Tot Ion: 43 Resp: 882565

Ion Ratio Lower Upper

43 100

58 40.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

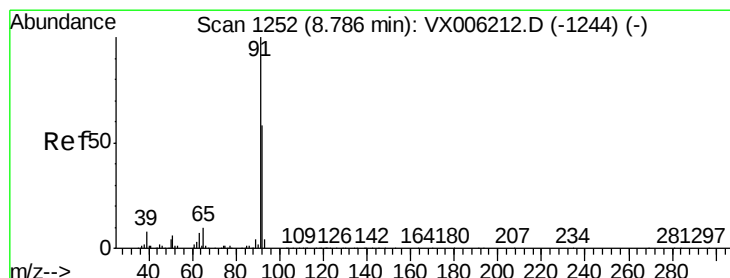
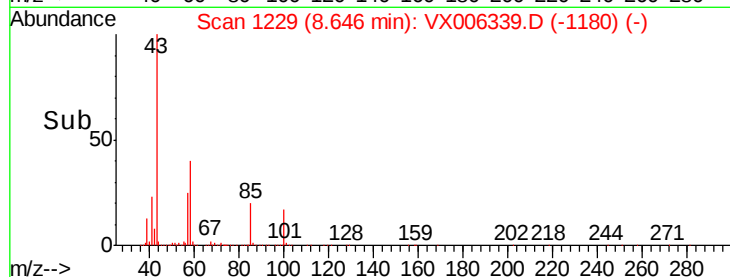
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 19.703 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006339.D

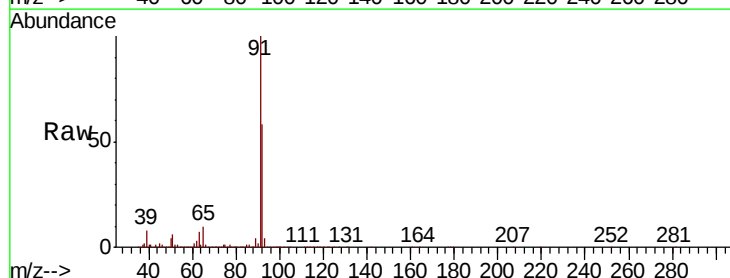
Acq: 07 Dec 2018 11:38

Tgt Ion: 92 Resp: 330999

Ion Ratio Lower Upper

92 100

91 170.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

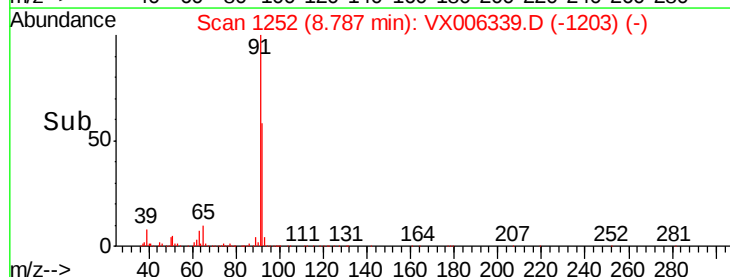
300000

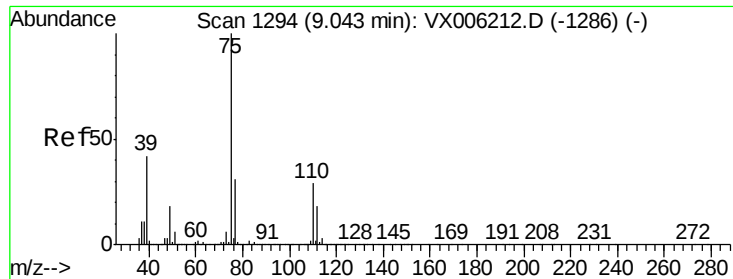
200000

100000

0

Time-->

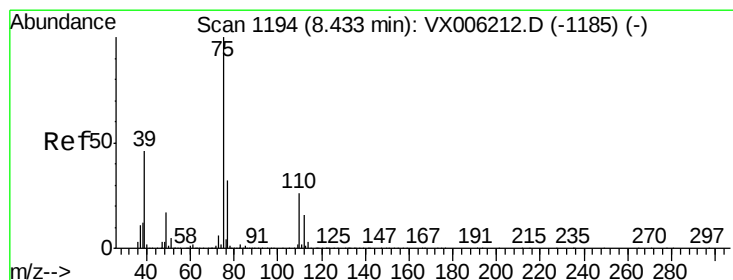
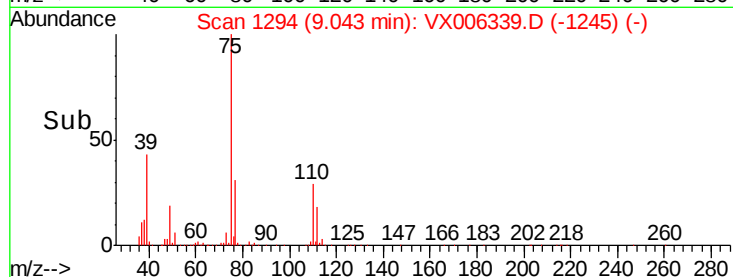
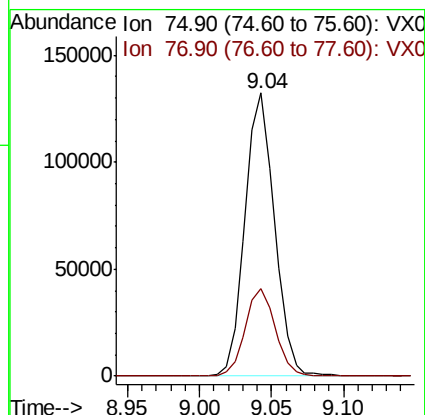
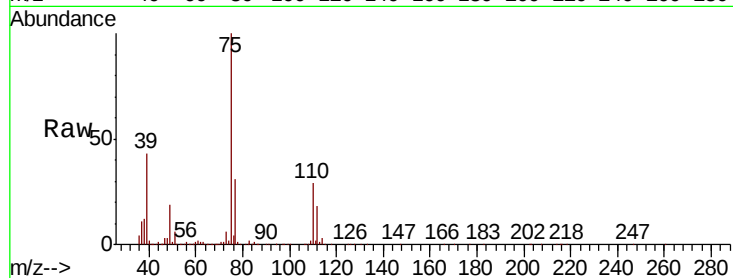




#53
 t-1,3-Dichloropropene
 Concen: 17.649 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

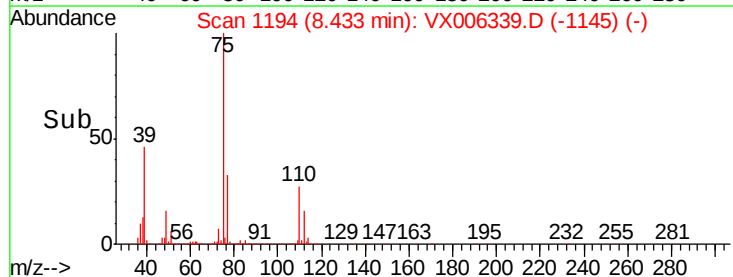
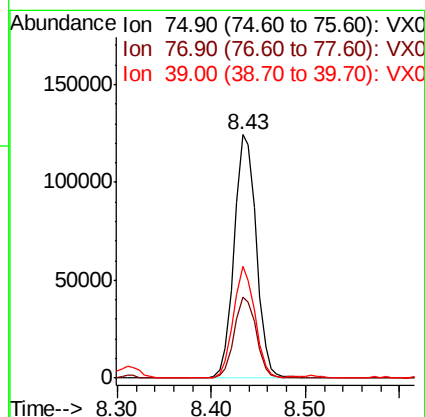
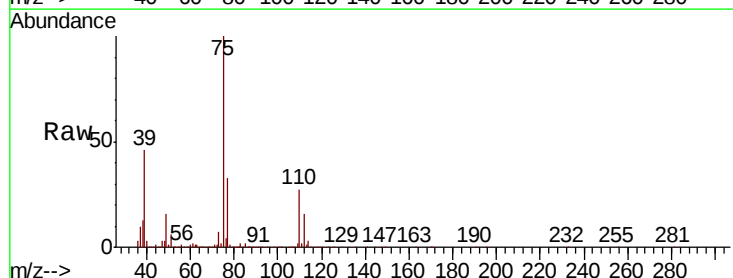
Instrument :
 MSVOA_X
 ClientSampled :
 VX1207MBS01

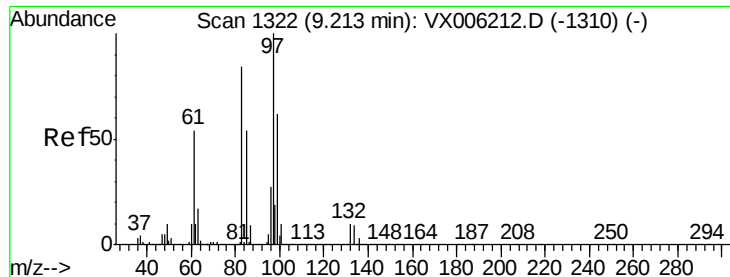
Tot Ion: 75 Resp: 187351
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.440 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion: 75 Resp: 203253
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.6 38.4
 39 45.7 36.5 54.7

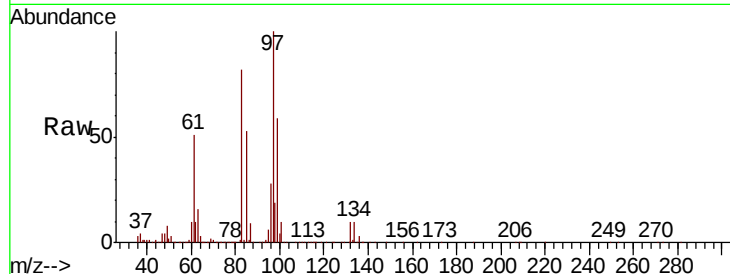




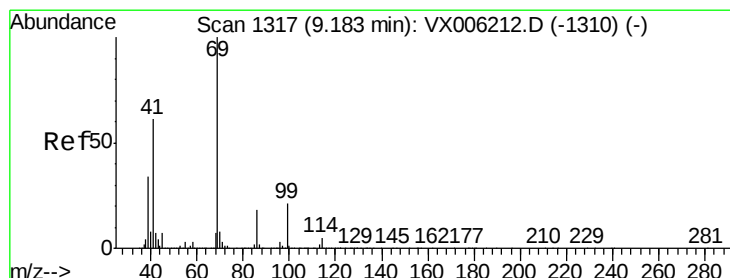
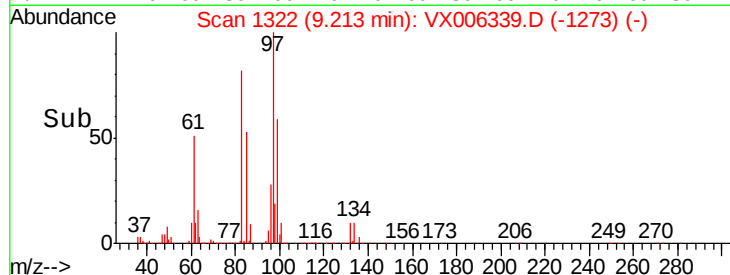
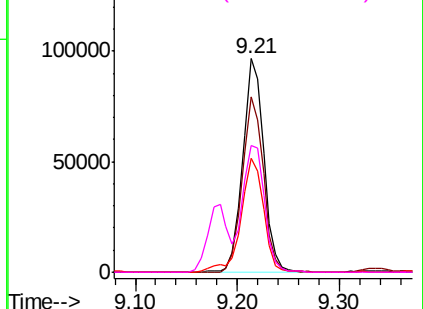
#55
 1,1,2-Trichloroethane
 Concen: 20.174 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

Tot Ion:	97	Resp:	137688
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.1	100.7
85	53.3	43.2	64.8
99	59.5	49.8	74.6

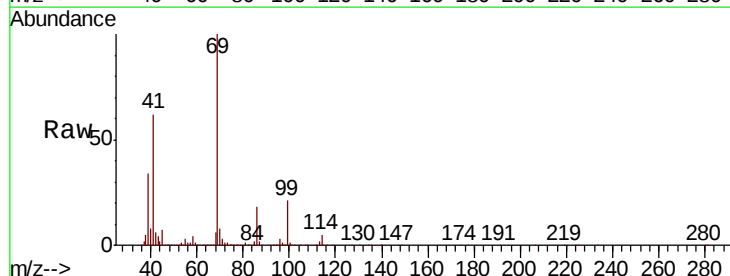


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

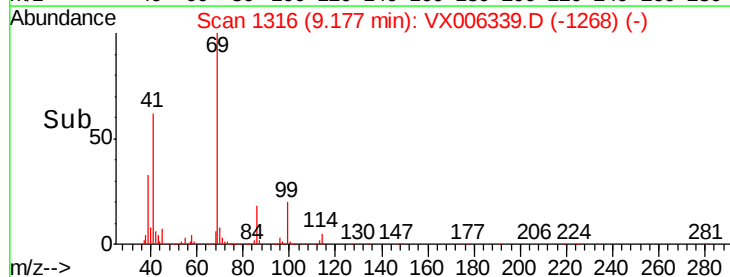
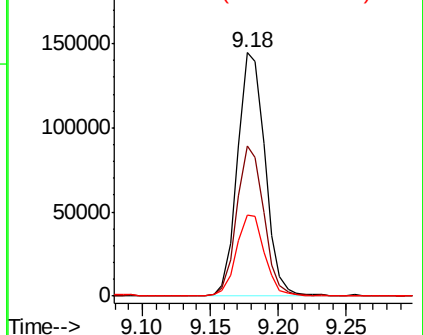


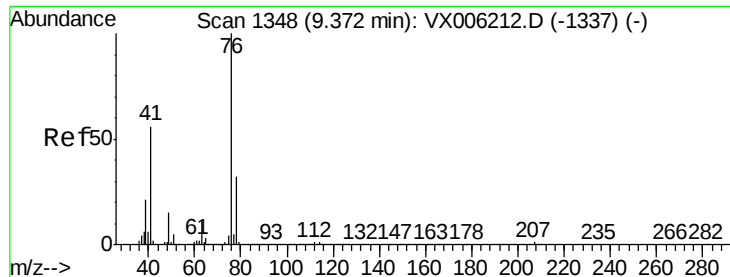
#56
 Ethyl methacrylate
 Concen: 19.192 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion:	69	Resp:	204769
Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.6	76.0
39	33.7	27.6	41.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.799 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

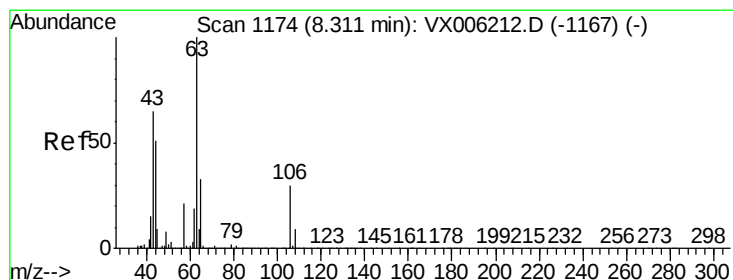
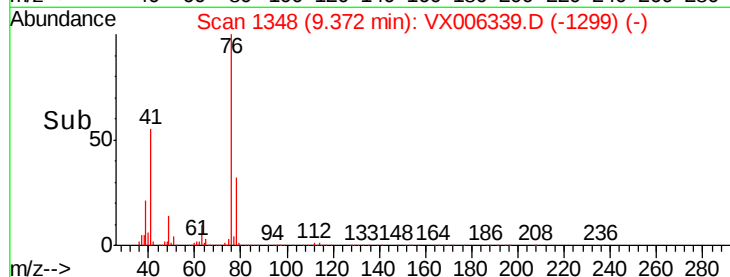
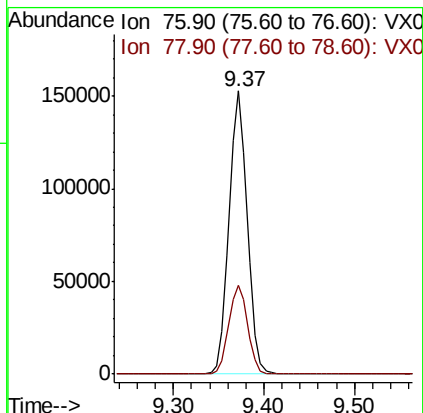
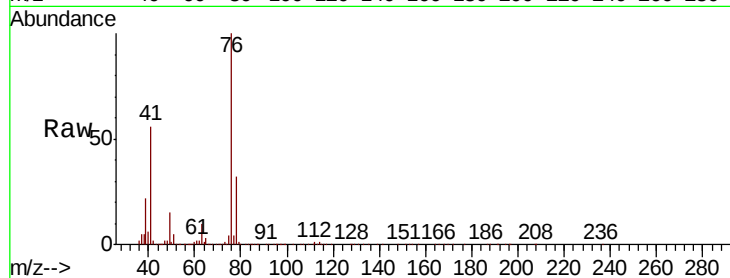
VX1207MBS01

Tot Ion: 76 Resp: 213676

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.166 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006339.D

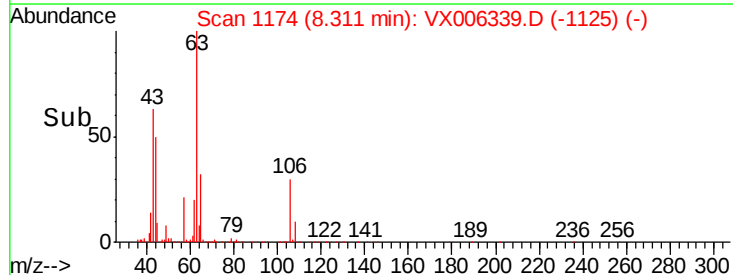
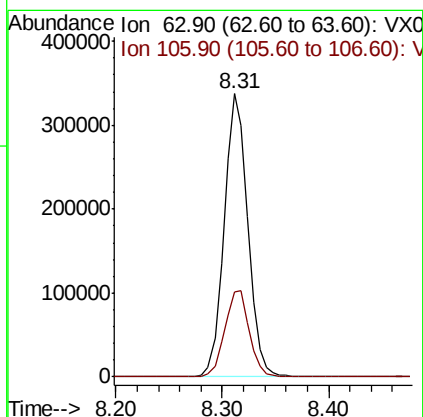
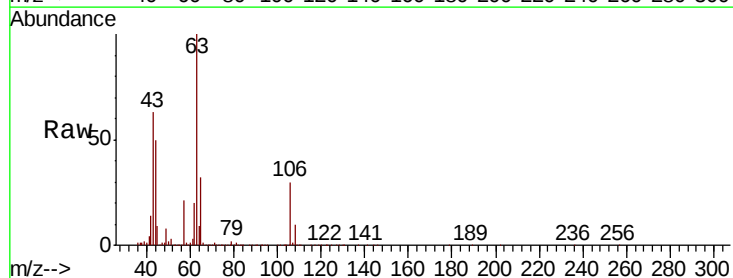
Acq: 07 Dec 2018 11:38

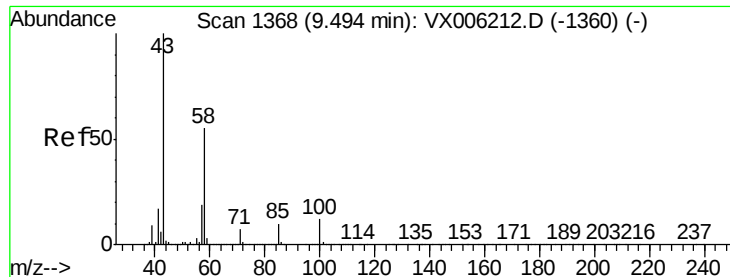
Tgt Ion: 63 Resp: 520667

Ion Ratio Lower Upper

63 100

106 31.9 24.9 37.3

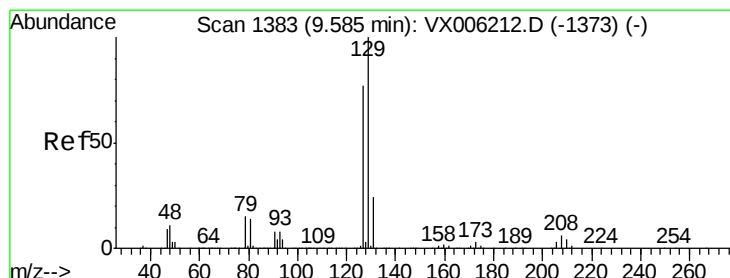
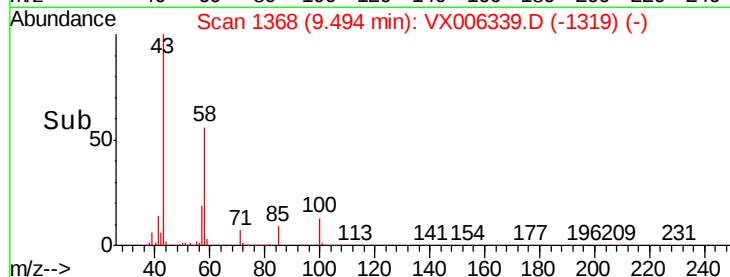
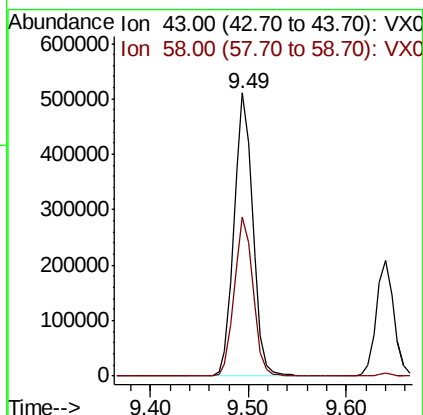
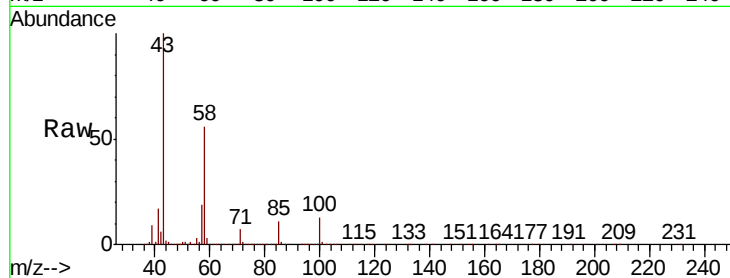




#59
2-Hexanone
Concen: 96.221 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

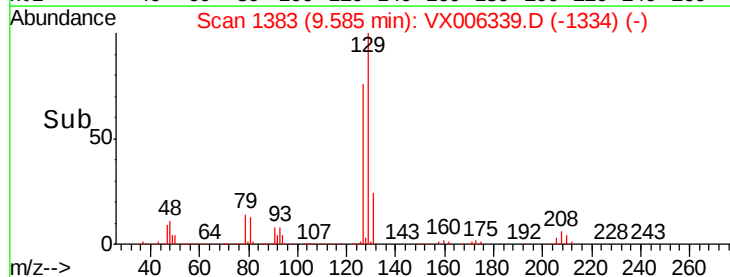
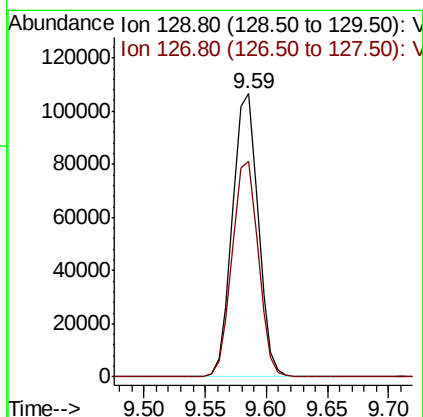
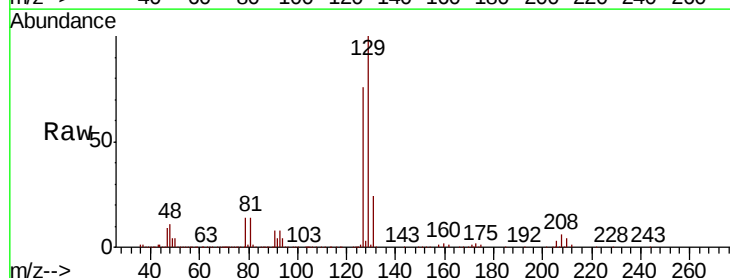
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

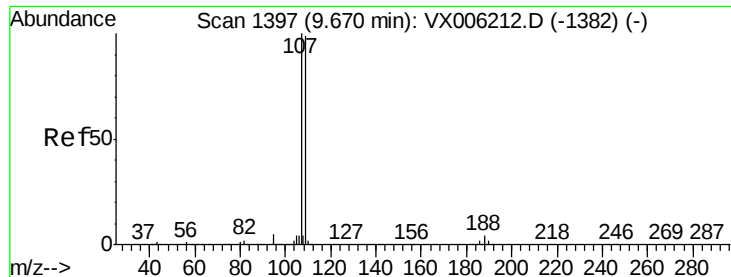
Tot Ion: 43 Resp: 681244
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1



#60
Dibromochloromethane
Concen: 18.397 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 129 Resp: 154822
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.516 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

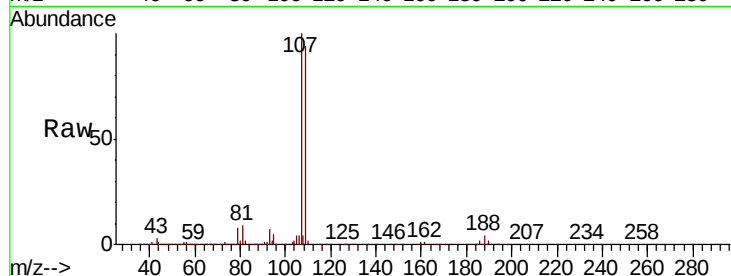
VX1207MBS01

Tot Ion:107 Resp: 148929

Ion Ratio Lower Upper

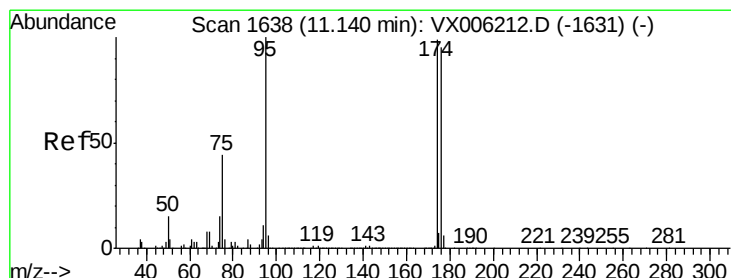
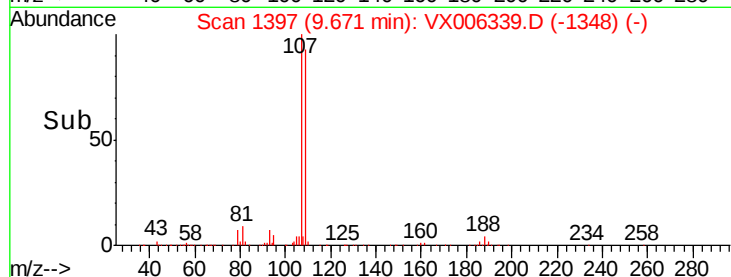
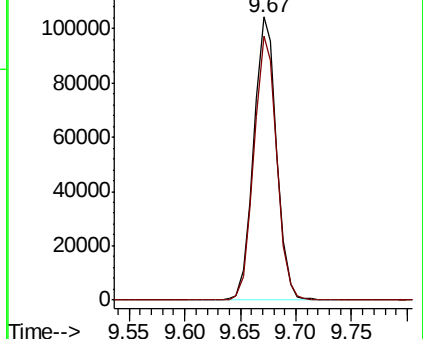
107 100

109 94.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

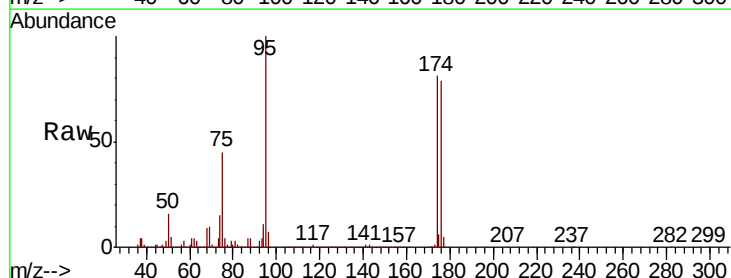
Tgt Ion: 95 Resp: 431654

Ion Ratio Lower Upper

95 100

174 90.1 0.0 187.0

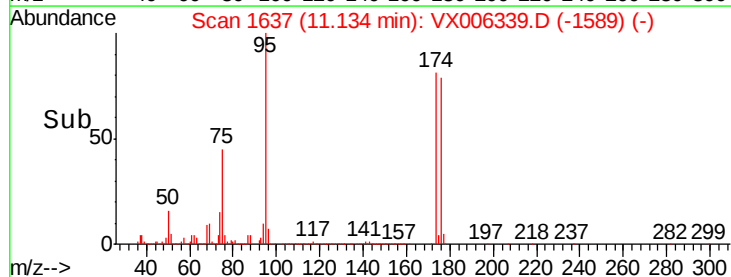
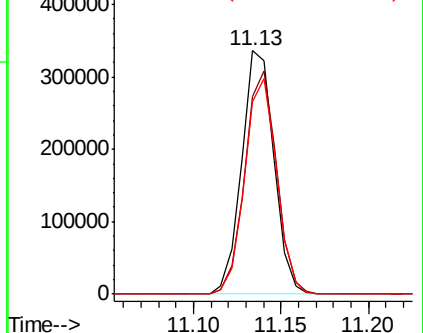
176 87.6 0.0 181.8

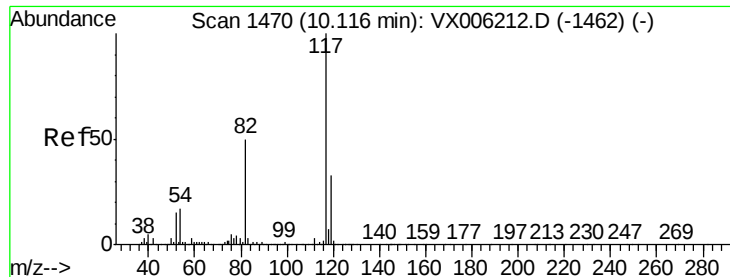


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

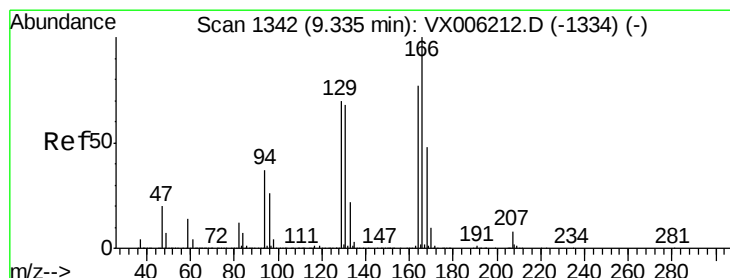
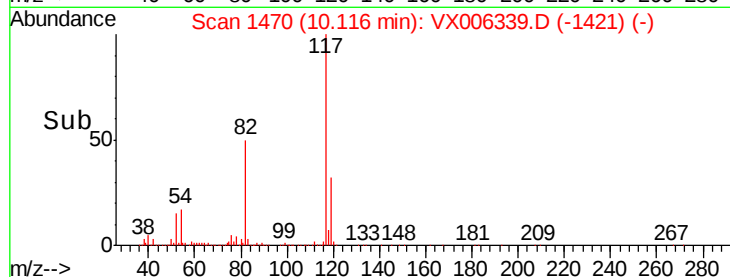
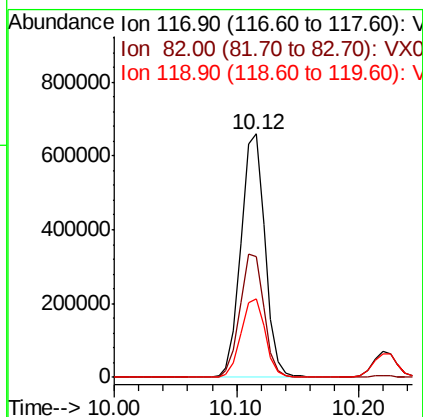
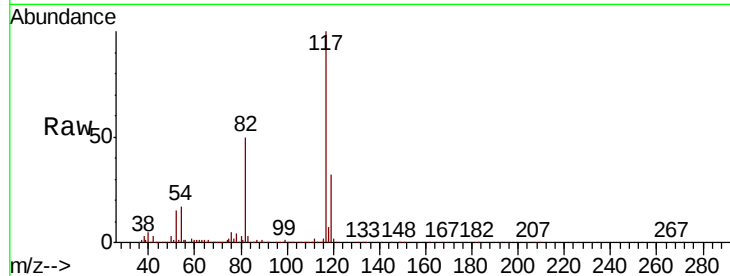




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

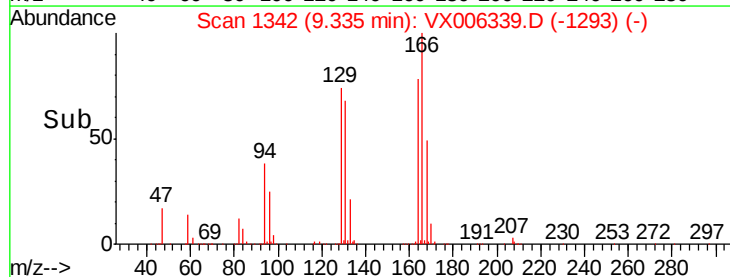
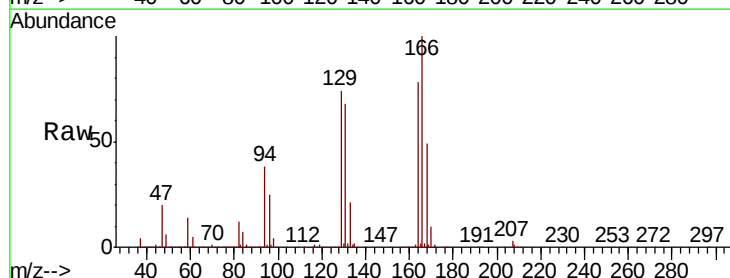
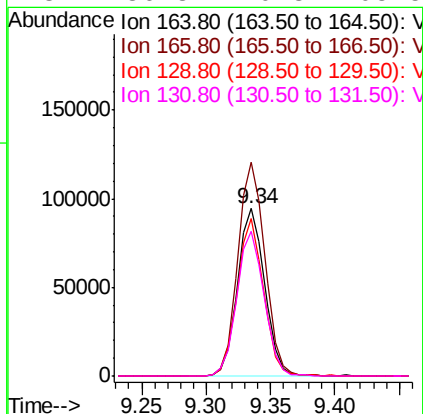
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

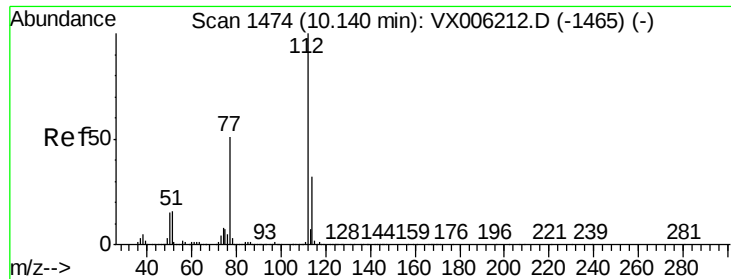
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	32.1	26.3	39.5



#64
Tetrachloroethene
Concen: 20.453 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	104.2	156.2
129	94.3	72.6	108.8
131	86.3	70.3	105.5





#65

Chlorobenzene

Concen: 20.286 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

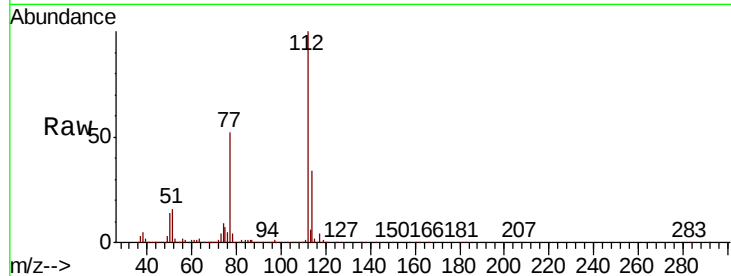
VX1207MBS01

Tot Ion:112 Resp: 385157

Ion Ratio Lower Upper

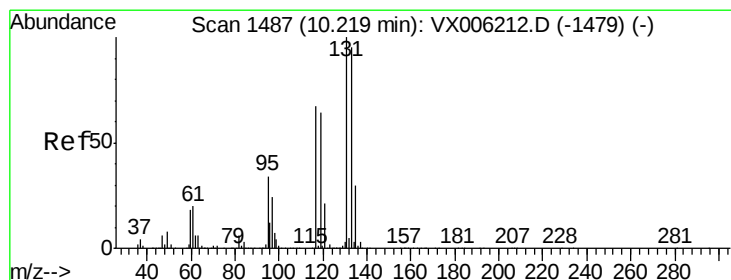
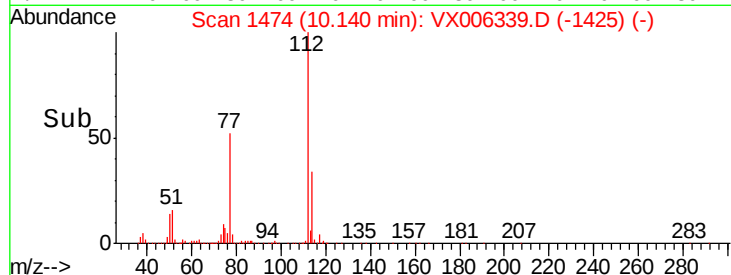
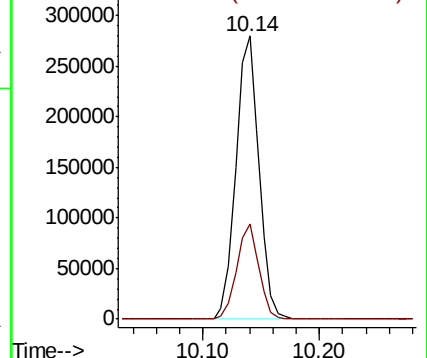
112 100

114 33.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

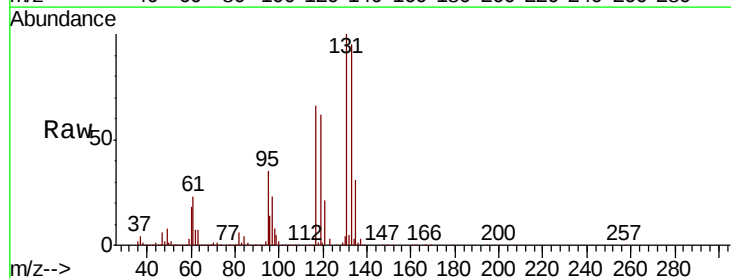
Tgt Ion:131 Resp: 143148

Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

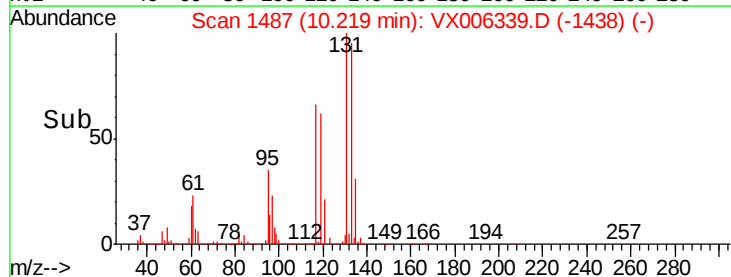
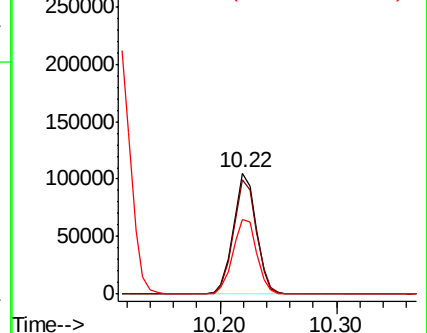
119 64.2 32.1 96.3

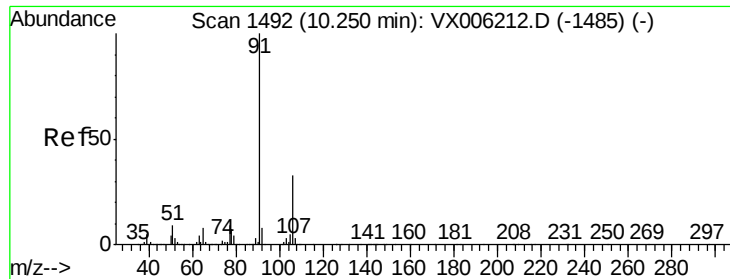


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.088 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

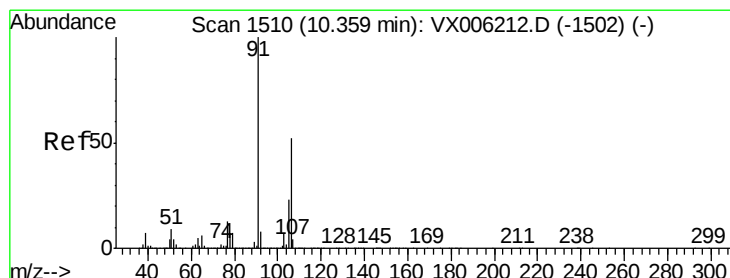
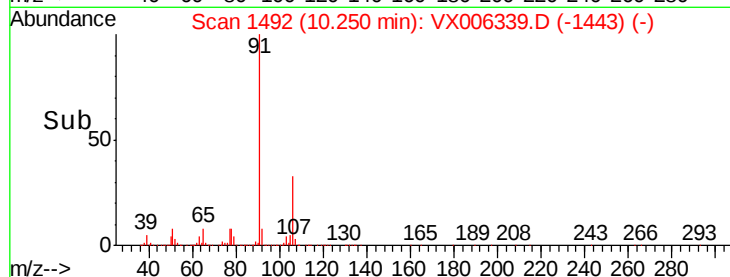
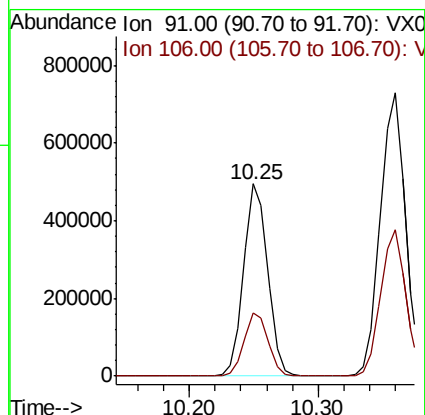
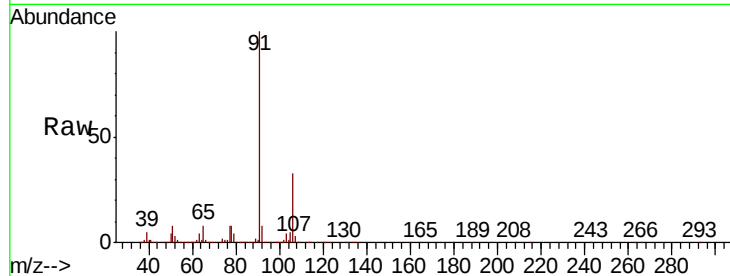
VX1207MBS01

Tot Ion: 91 Resp: 634330

Ion Ratio Lower Upper

91 100

106 33.0 26.5 39.7



#68

m/p-Xylenes

Concen: 39.932 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006339.D

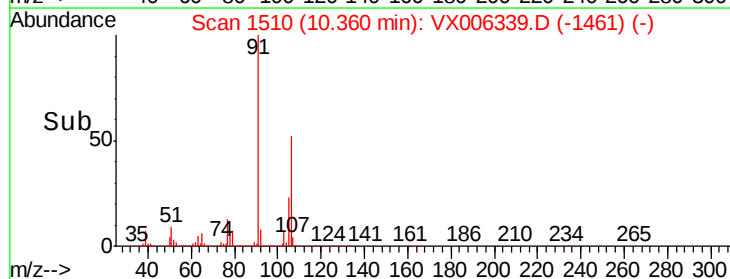
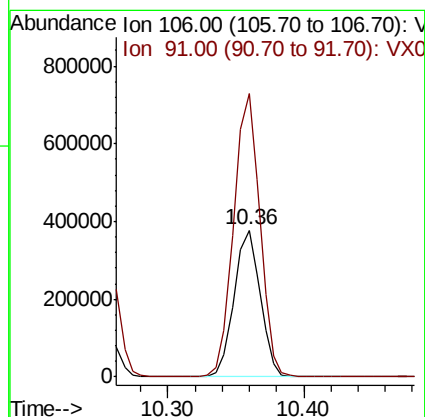
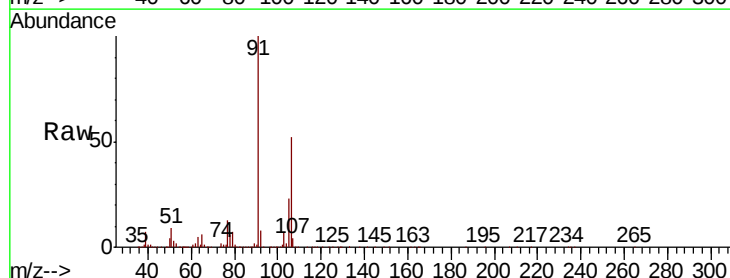
Acq: 07 Dec 2018 11:38

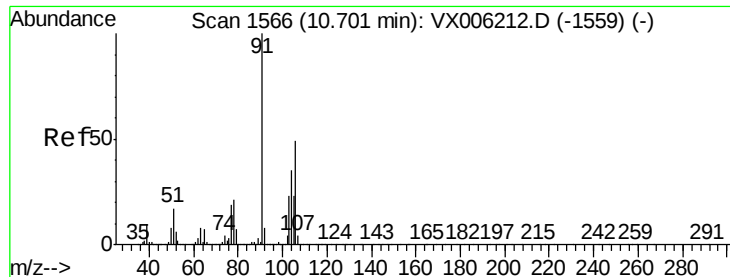
Tgt Ion: 106 Resp: 505103

Ion Ratio Lower Upper

106 100

91 193.6 155.2 232.8

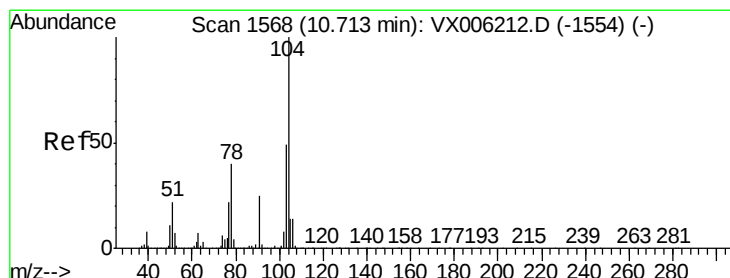
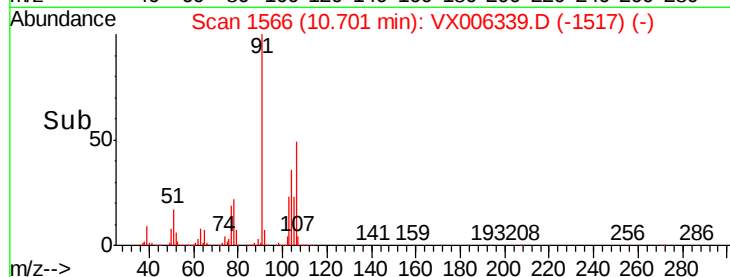
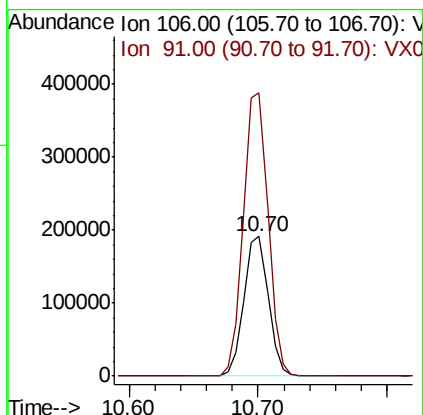
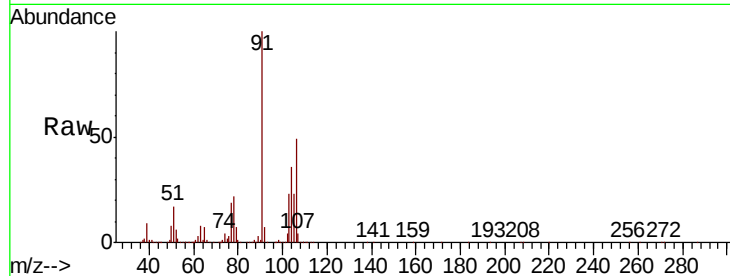




#69
o-Xylene
Concen: 19.963 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

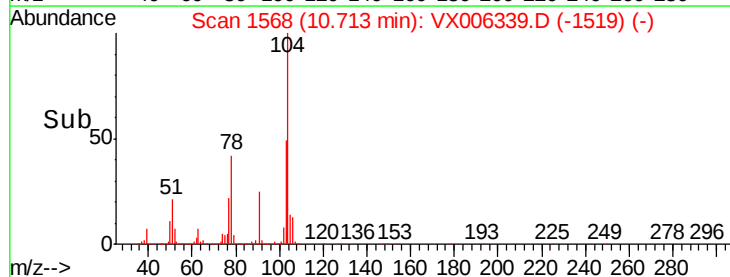
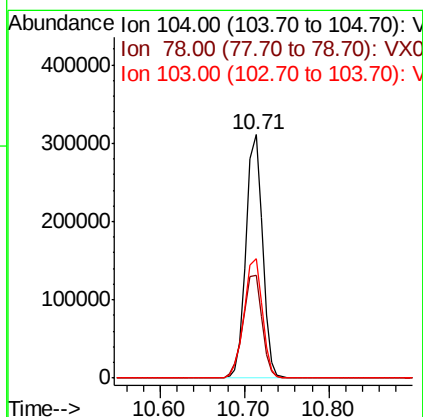
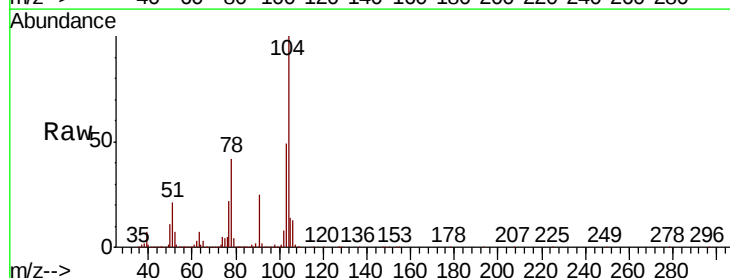
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

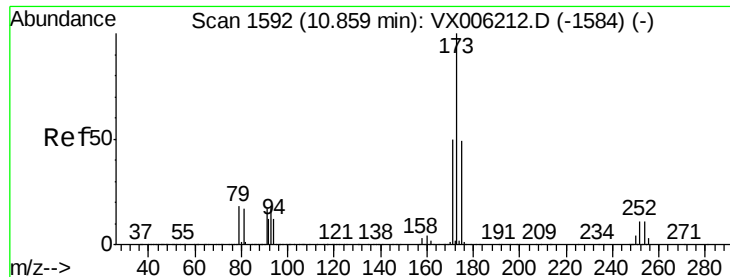
Tot Ion:106 Resp: 249427
Ion Ratio Lower Upper
106 100
91 206.2 101.8 305.6



#70
Styrene
Concen: 20.028 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion:104 Resp: 404722
Ion Ratio Lower Upper
104 100
78 48.5 37.2 55.8
103 54.6 43.5 65.3





#71

Bromoform

Concen: 17.181 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

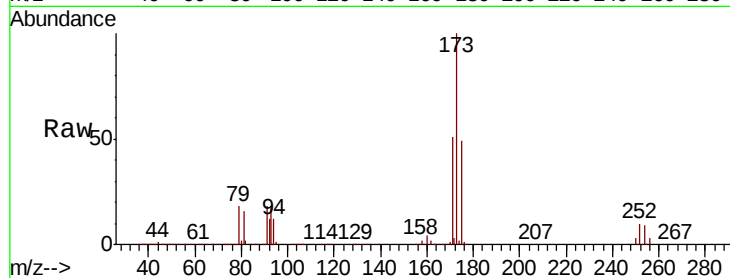
Tot Ion:173 Resp: 119638

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

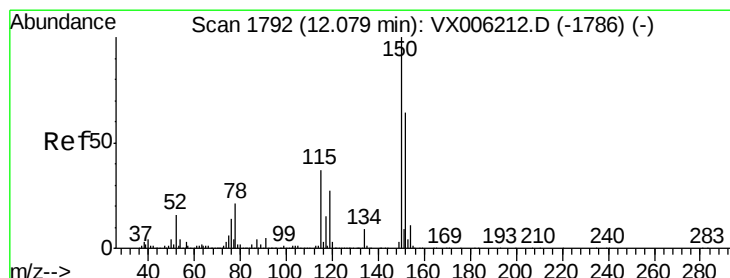
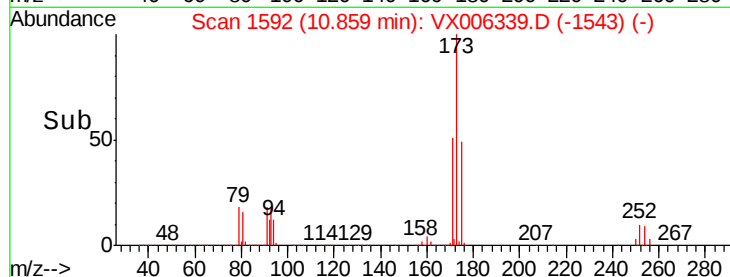
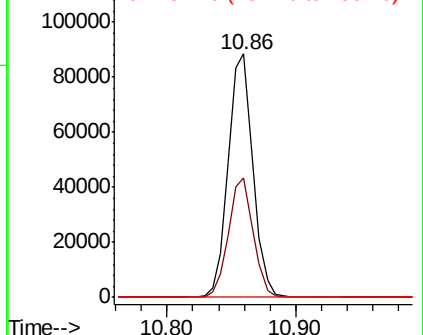
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

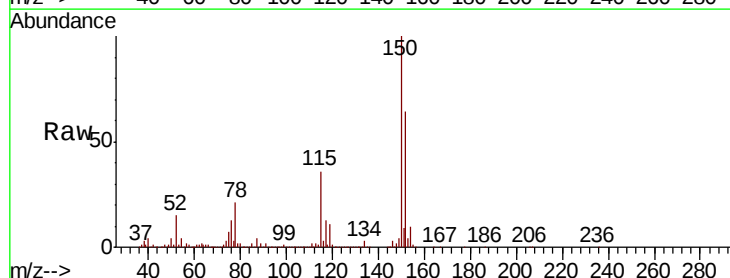
Tgt Ion:152 Resp: 464353

Ion Ratio Lower Upper

152 100

115 65.2 39.0 116.9

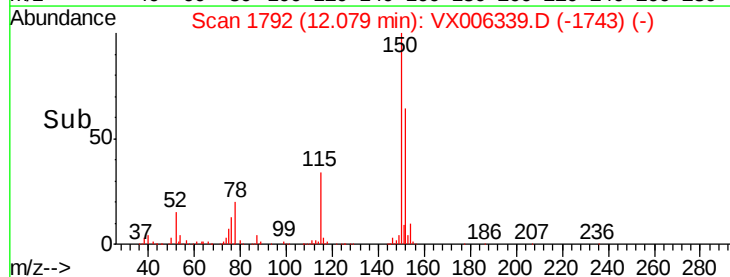
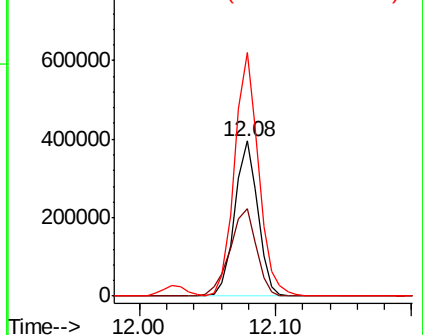
150 163.8 0.0 345.8

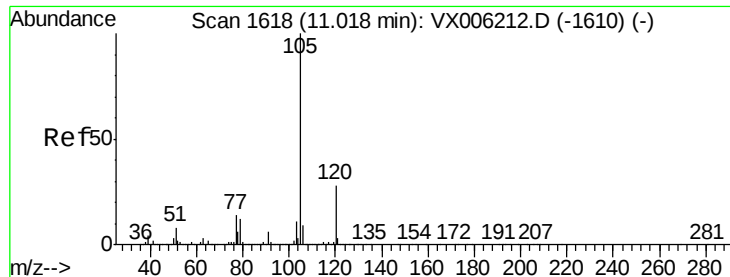


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.682 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

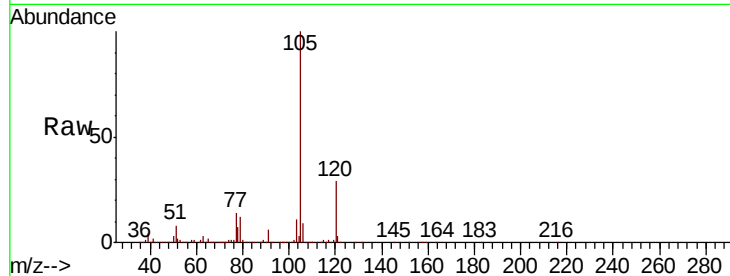
VX1207MBS01

Tot Ion:105 Resp: 663229

Ion Ratio Lower Upper

105 100

120 28.5 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

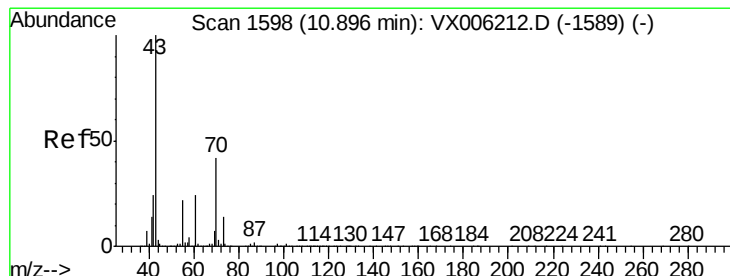
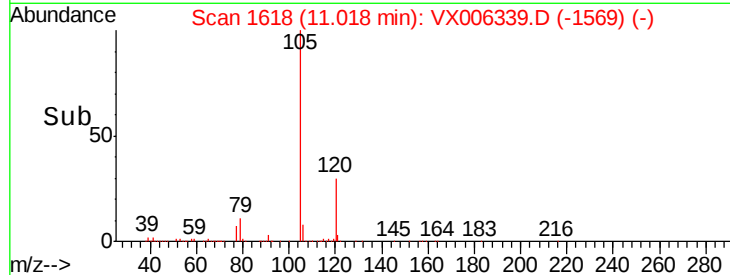
300000

200000

100000

0

Time--> 10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 18.514 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion: 43 Resp: 255664

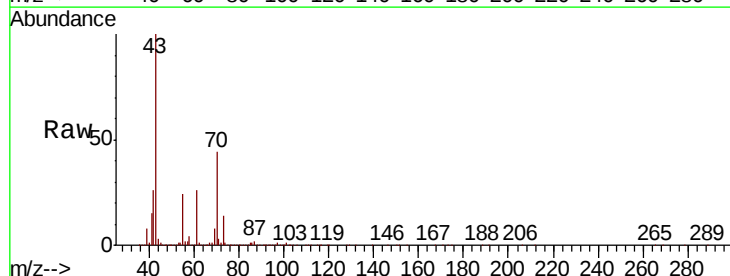
Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 23.6 17.8 26.8

61 25.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

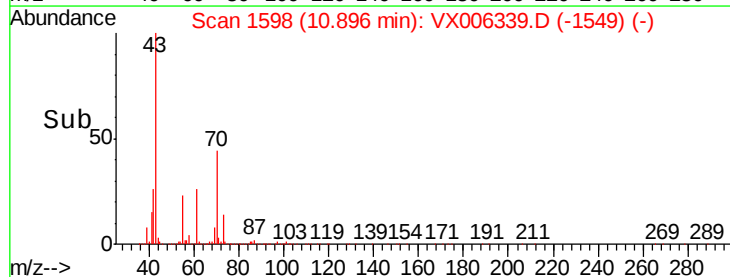
300000

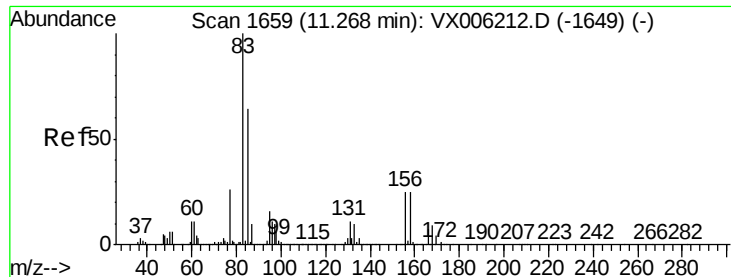
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.414 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

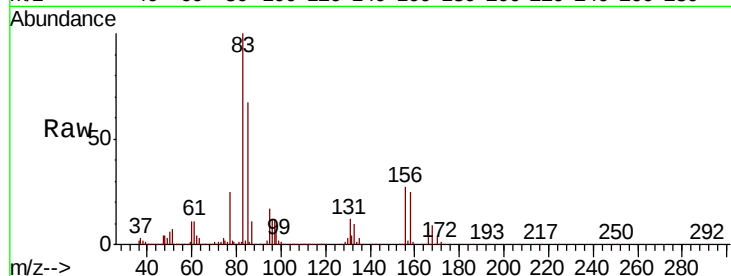
Tot Ion: 83 Resp: 209430

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

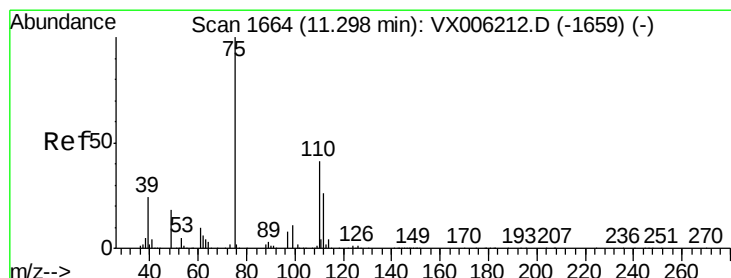
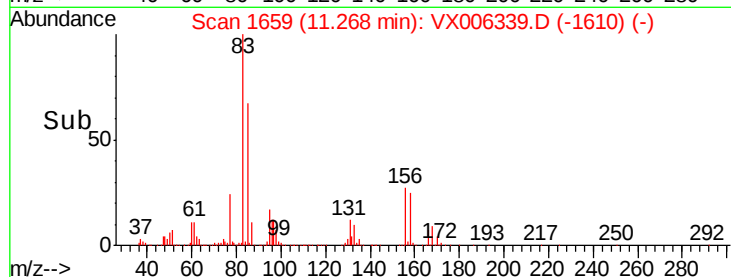
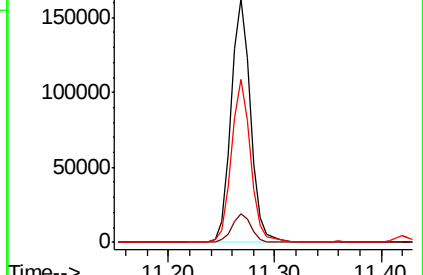
85 65.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.710 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006339.D

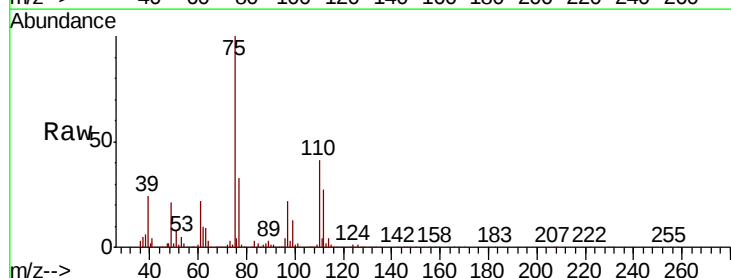
Acq: 07 Dec 2018 11:38

Tgt Ion: 75 Resp: 239396

Ion Ratio Lower Upper

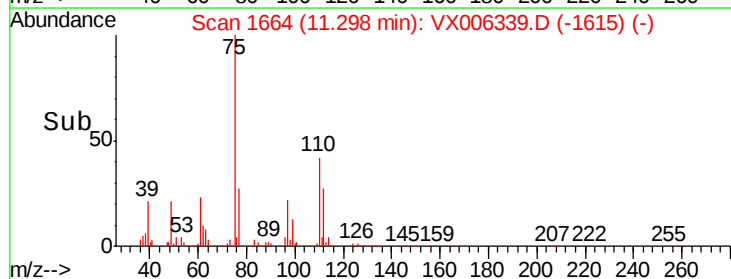
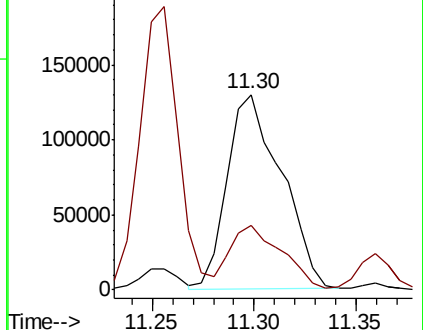
75 100

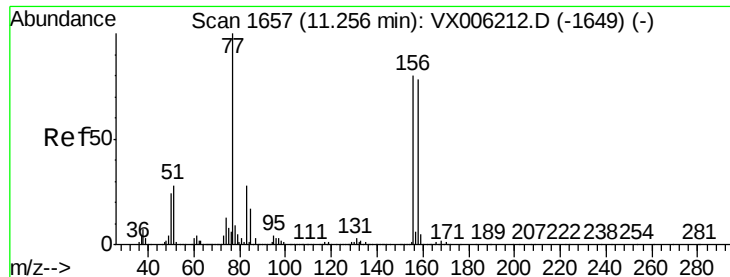
77 31.3 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.193 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

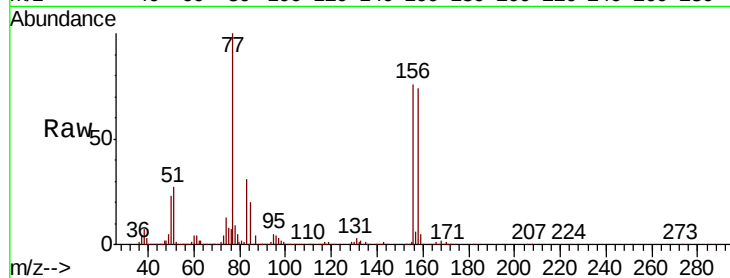
Tot Ion:156 Resp: 179703

Ion Ratio Lower Upper

156 100

77 137.4 66.2 198.6

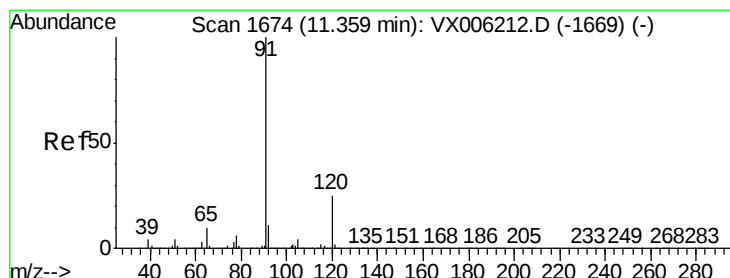
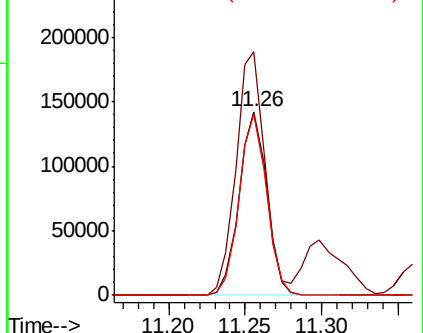
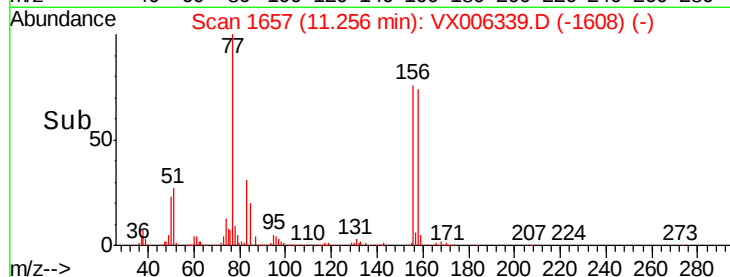
158 97.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.335 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006339.D

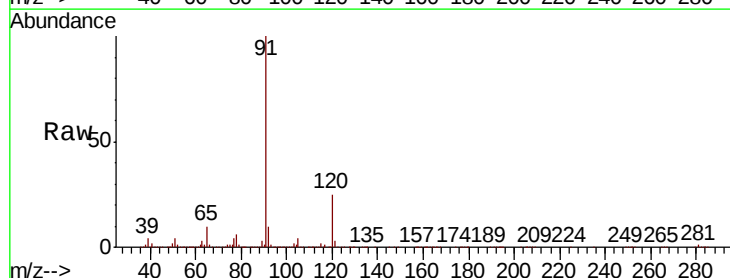
Acq: 07 Dec 2018 11:38

Tgt Ion: 91 Resp: 724861

Ion Ratio Lower Upper

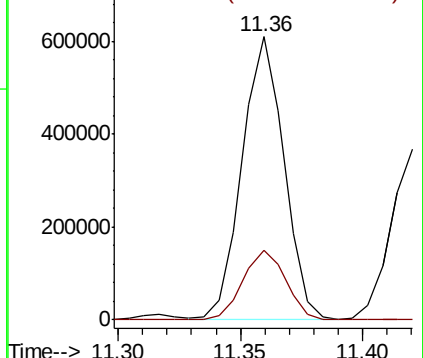
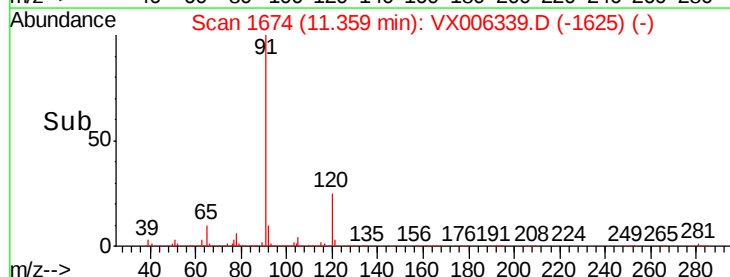
91 100

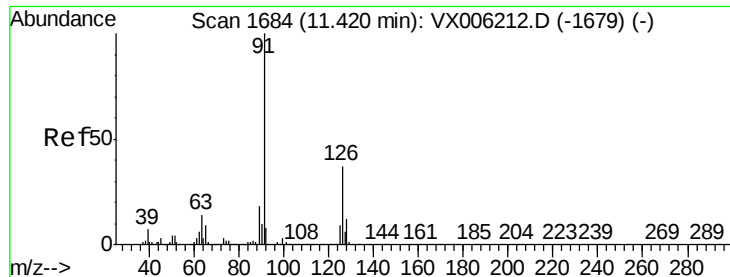
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.698 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

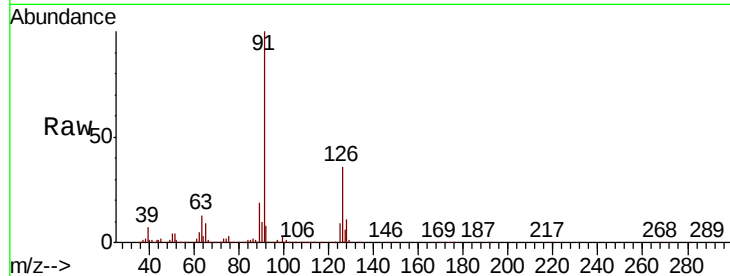
VX1207MBS01

Tot Ion: 91 Resp: 438530

Ion Ratio Lower Upper

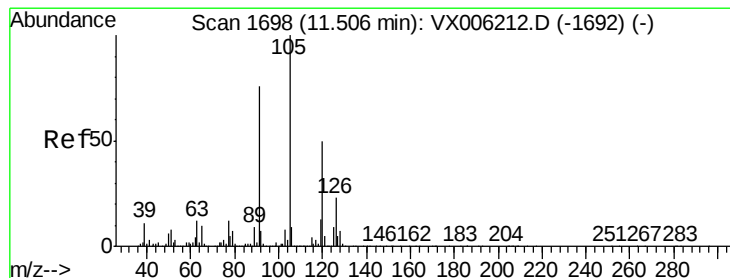
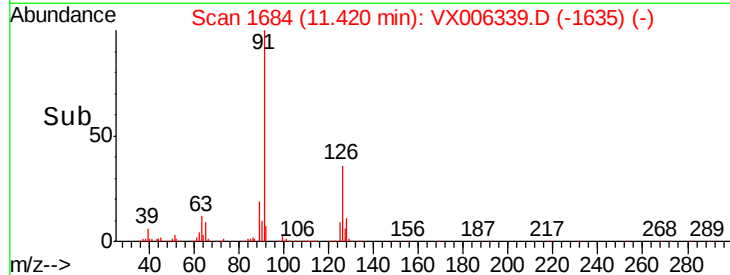
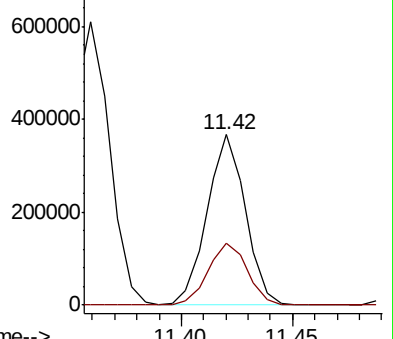
91 100

126 37.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.549 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006339.D

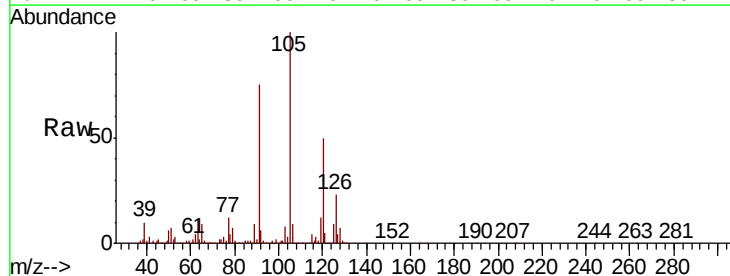
Acq: 07 Dec 2018 11:38

Tgt Ion: 105 Resp: 548270

Ion Ratio Lower Upper

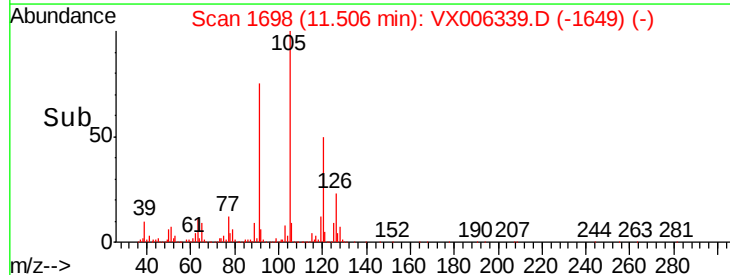
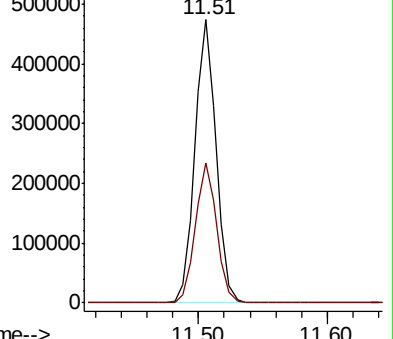
105 100

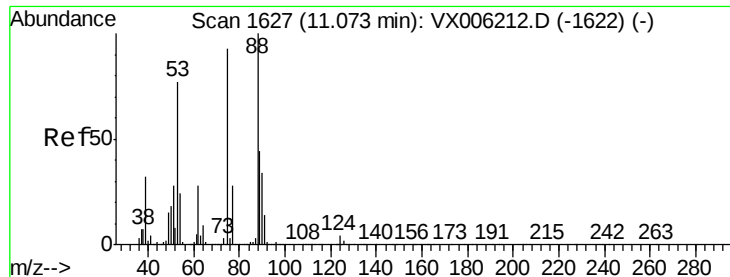
120 49.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.053 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

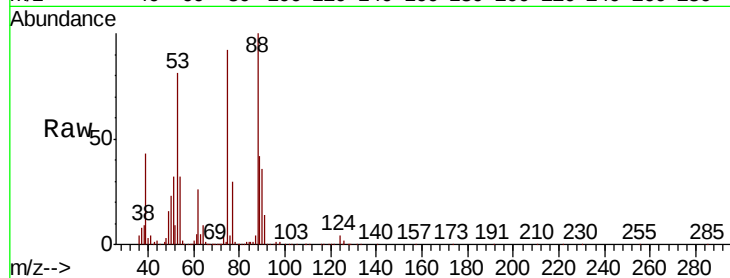
Tot Ion: 75 Resp: 65131

Ion Ratio Lower Upper

75 100

53 89.4 64.4 96.6

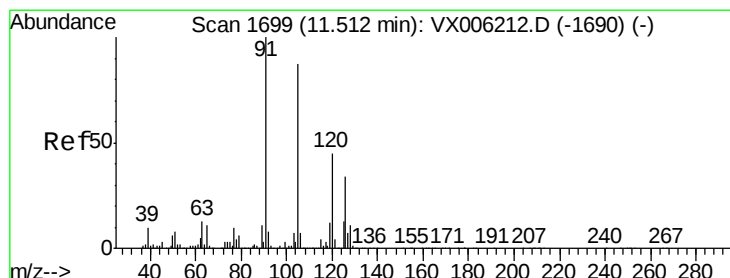
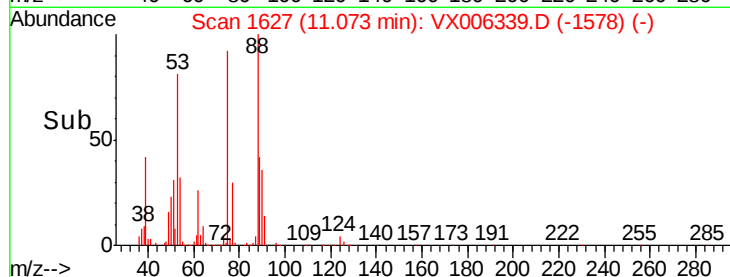
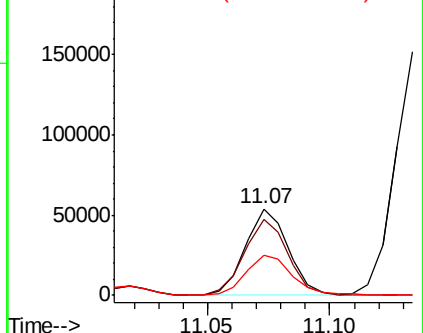
89 50.8 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.303 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006339.D

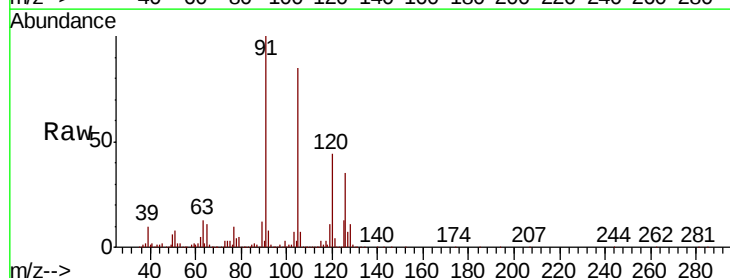
Acq: 07 Dec 2018 11:38

Tgt Ion: 91 Resp: 500116

Ion Ratio Lower Upper

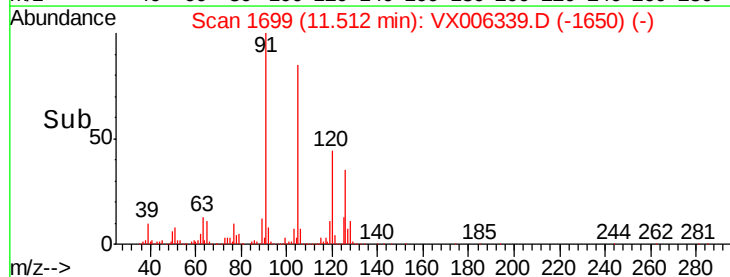
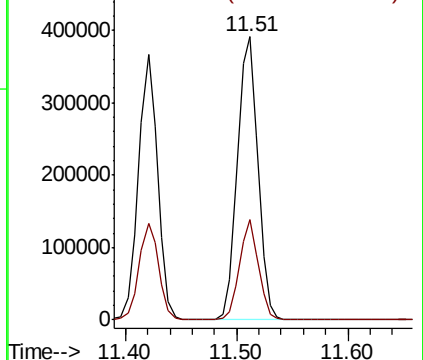
91 100

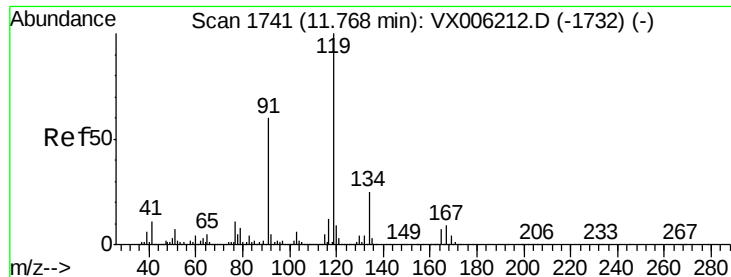
126 32.7 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.661 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

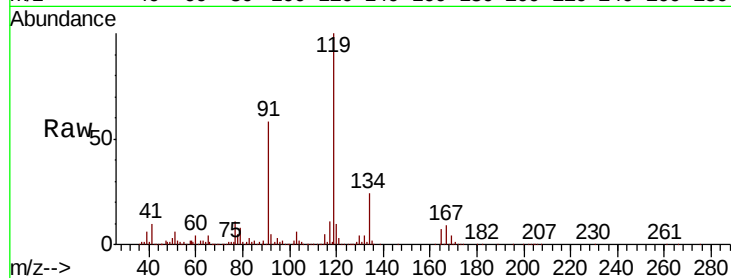
Tot Ion:119 Resp: 588180

Ion Ratio Lower Upper

119 100

91 54.0 26.4 79.2

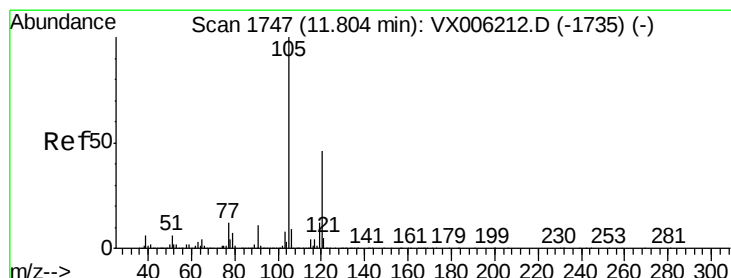
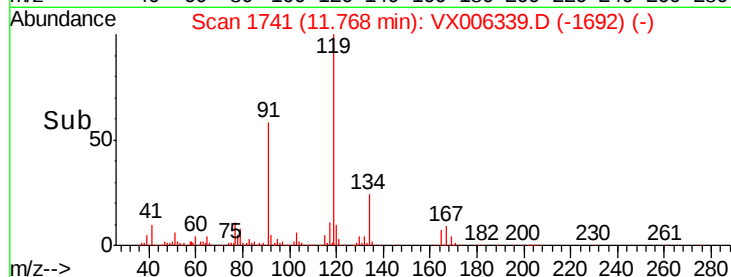
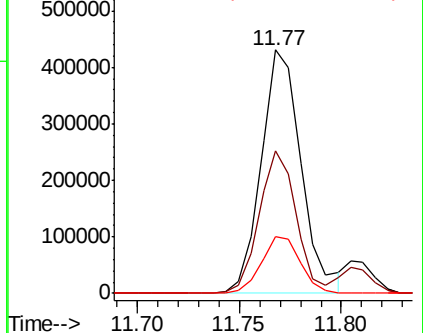
134 22.8 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.445 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006339.D

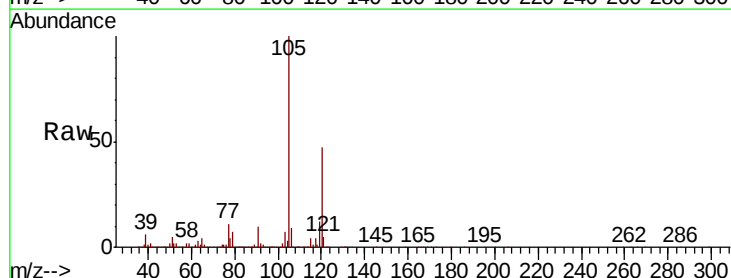
Acq: 07 Dec 2018 11:38

Tgt Ion:105 Resp: 563281

Ion Ratio Lower Upper

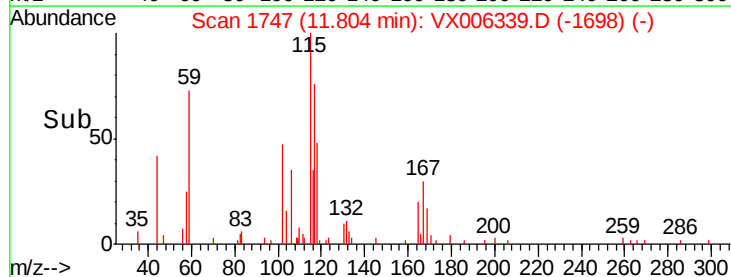
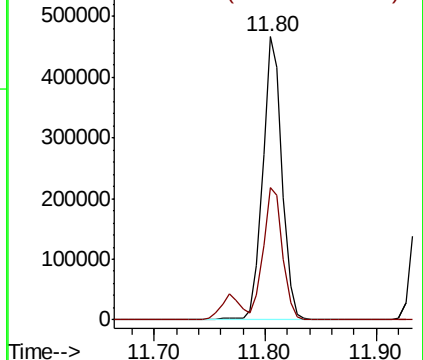
105 100

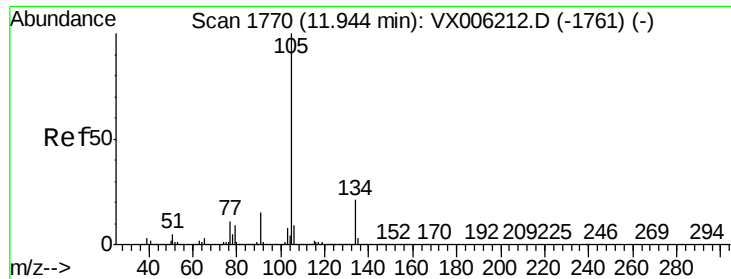
120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

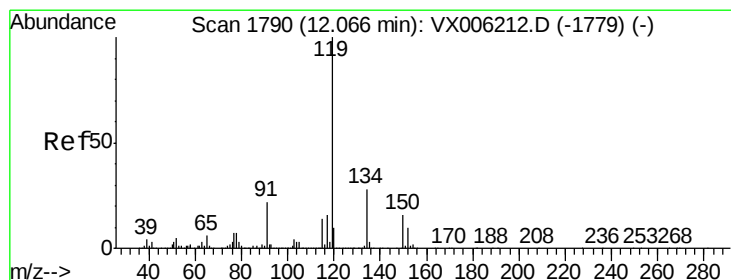
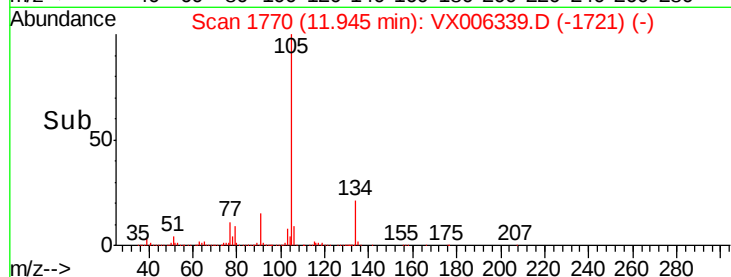
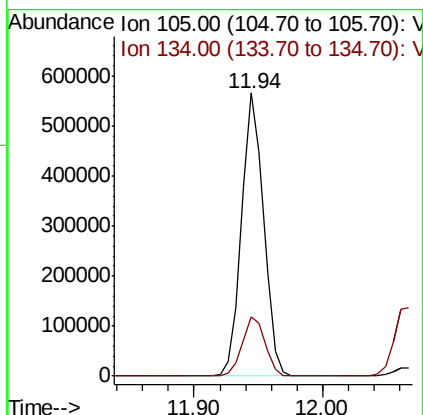
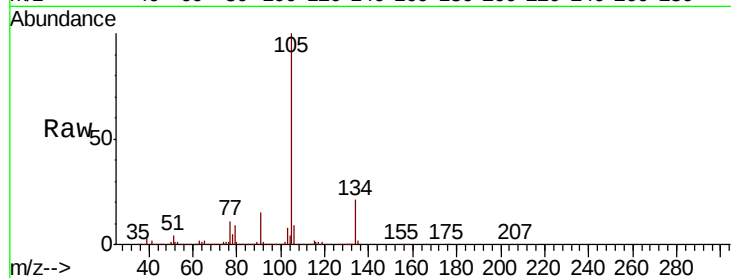




#85
 sec-Butylbenzene
 Concen: 20.701 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

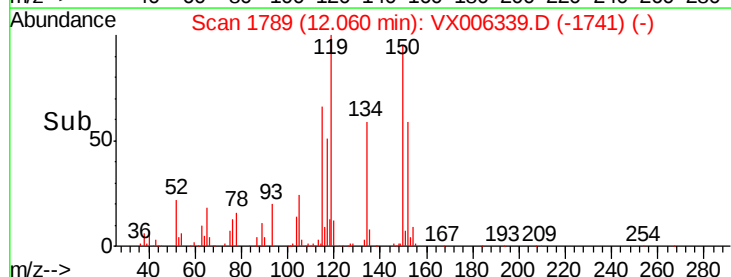
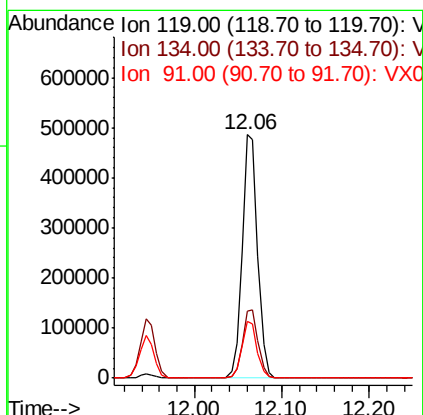
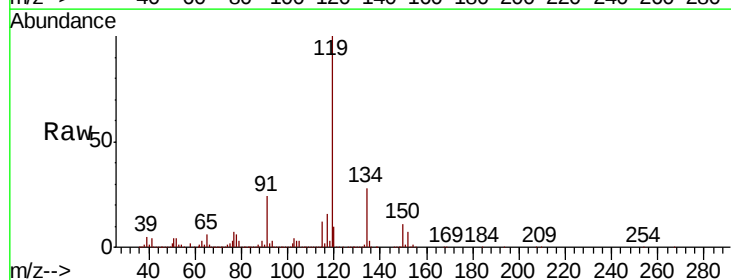
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

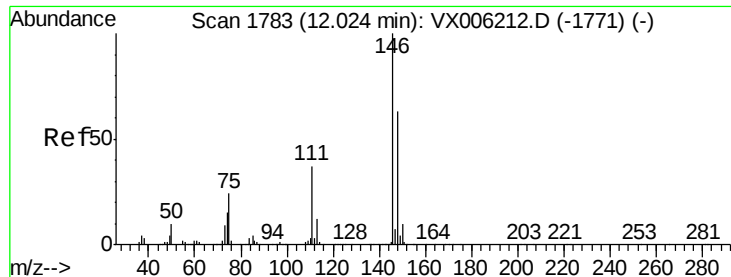
Tot Ion:105 Resp: 670411
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 20.471 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion:119 Resp: 596983
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.9 41.6
 91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.492 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

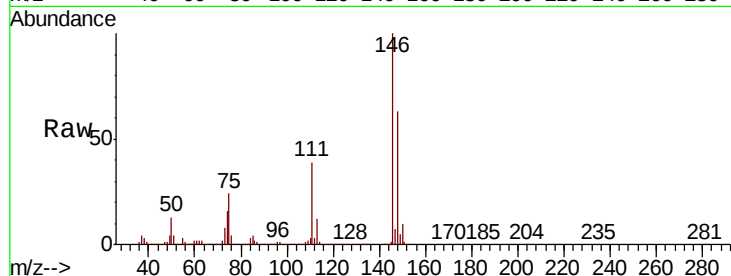
Tot Ion:146 Resp: 324488

Ion Ratio Lower Upper

146 100

111 38.6 18.4 55.2

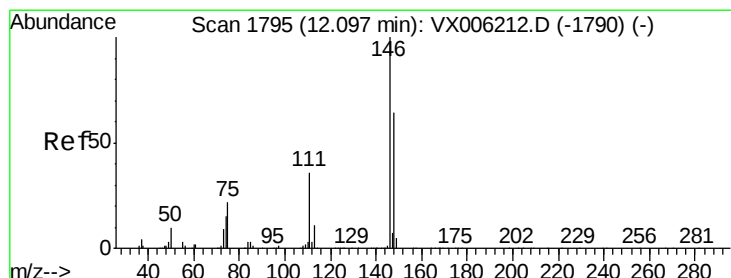
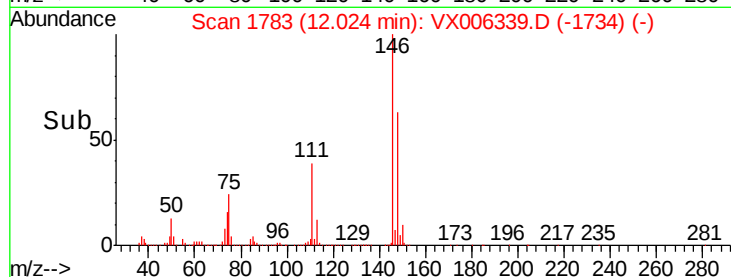
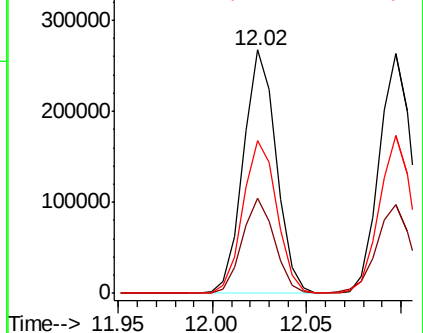
148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.979 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

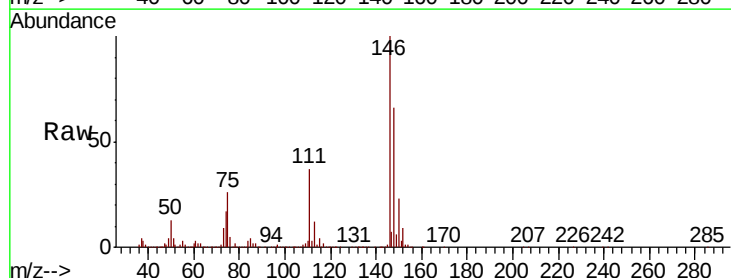
Tgt Ion:146 Resp: 321110

Ion Ratio Lower Upper

146 100

111 38.2 18.3 54.8

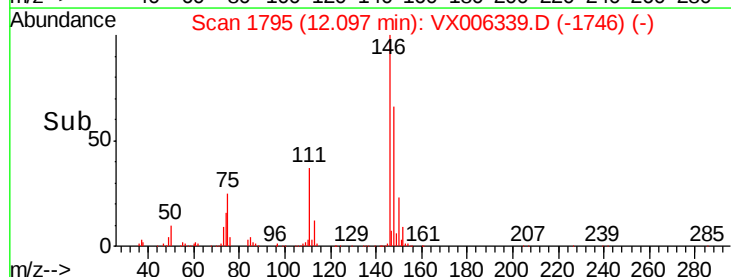
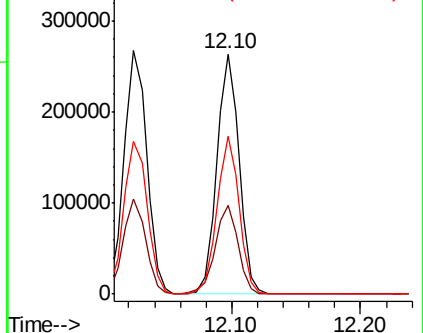
148 65.3 31.9 95.9

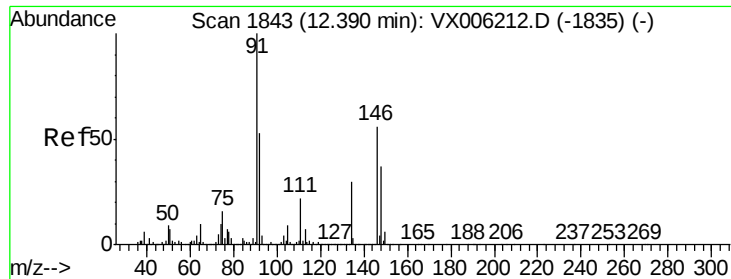


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

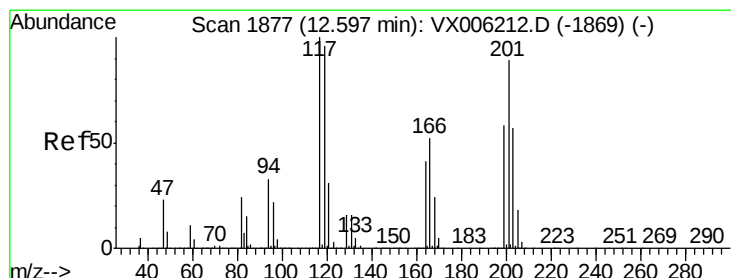
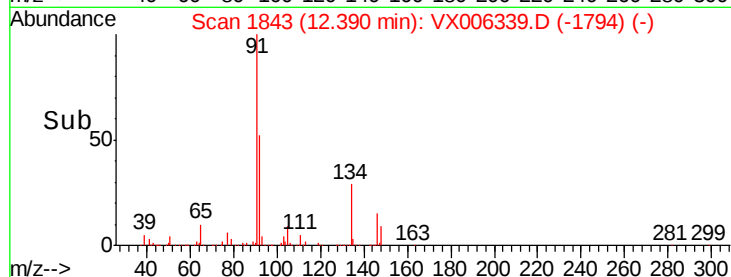
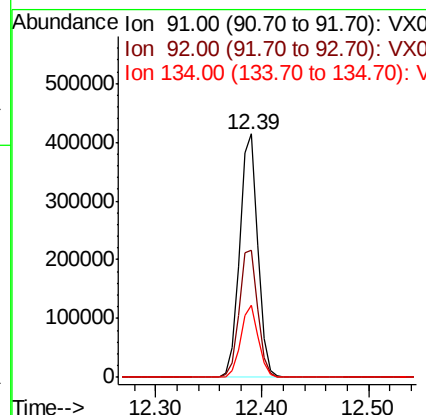
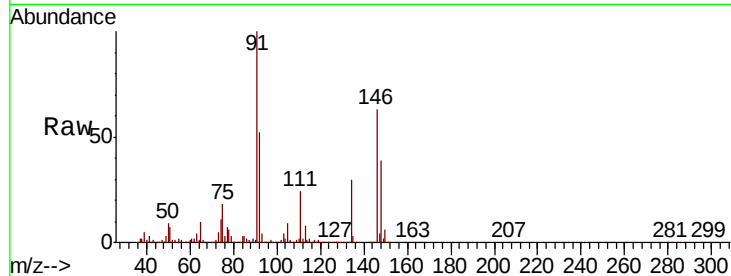




#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

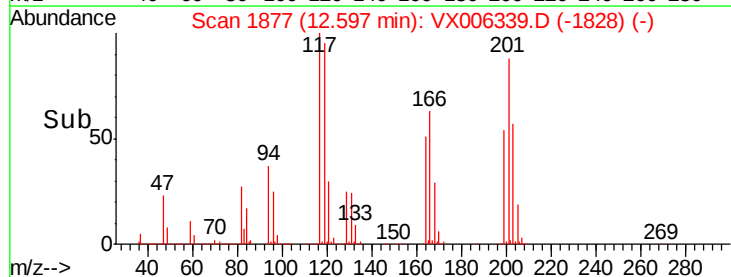
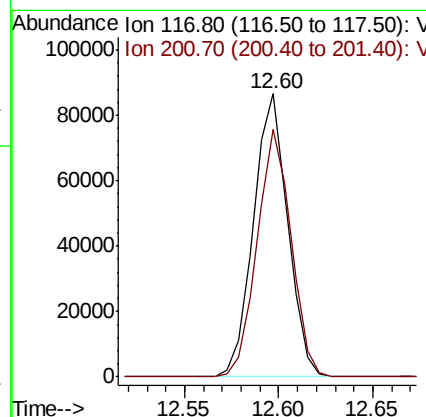
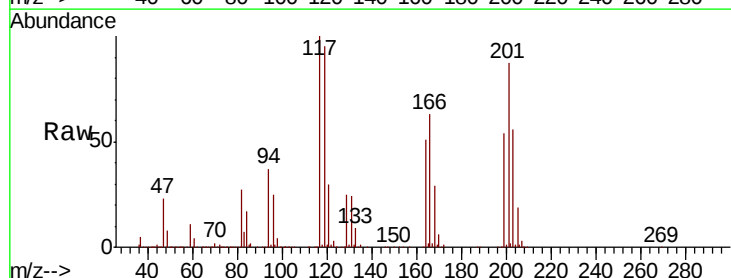
Instrument :
MSVOA_X
ClientSampleId :
VX1207MBS01

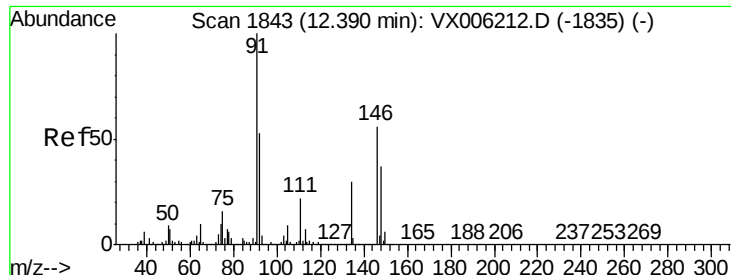
Tot Ion: 91 Resp: 493910
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 28.8 14.8 44.3



#90
Hexachloroethane
Concen: 18.357 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006339.D
Acq: 07 Dec 2018 11:38

Tgt Ion: 117 Resp: 109109
Ion Ratio Lower Upper
117 100
201 86.7 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 20.716 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX1207MBS01

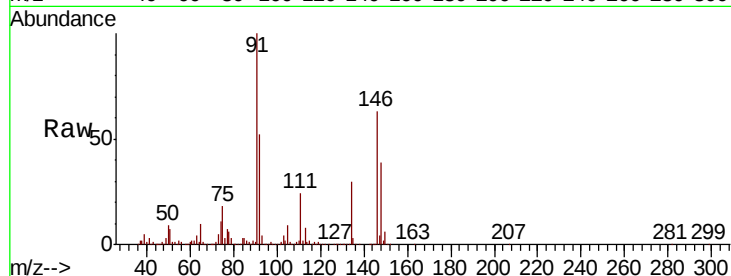
Tot Ion:146 Resp: 325561

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

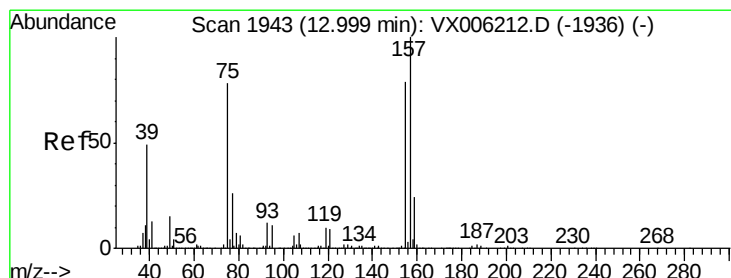
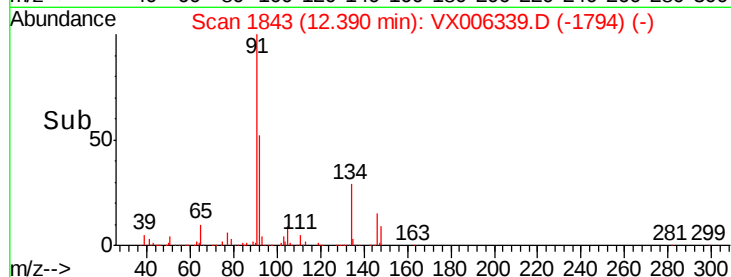
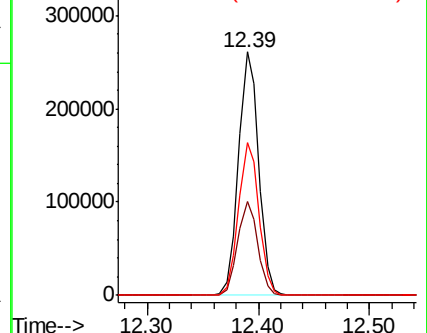
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.968 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

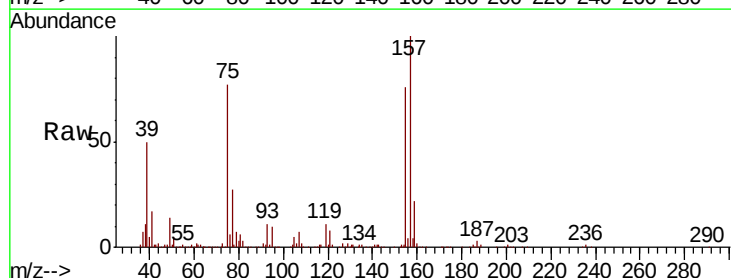
Tgt Ion: 75 Resp: 47253

Ion Ratio Lower Upper

75 100

155 102.3 53.4 160.3

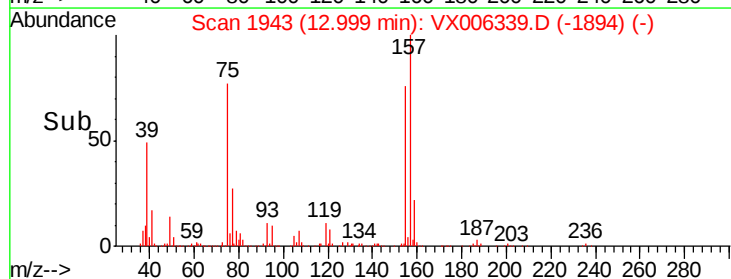
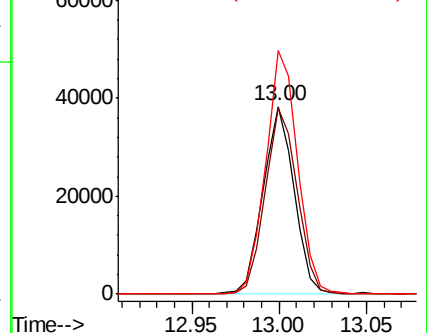
157 133.2 68.0 203.8

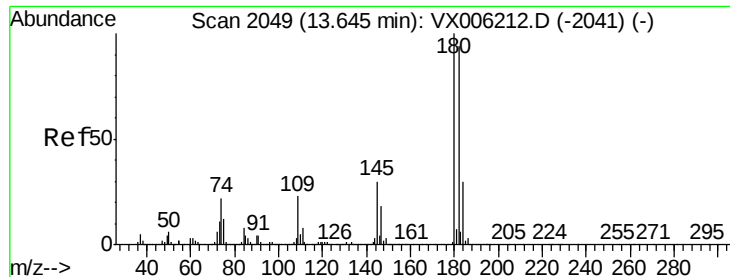


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

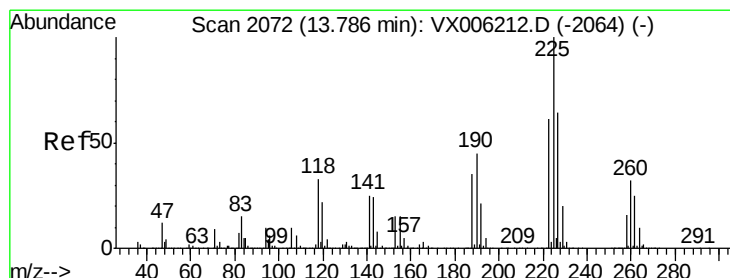
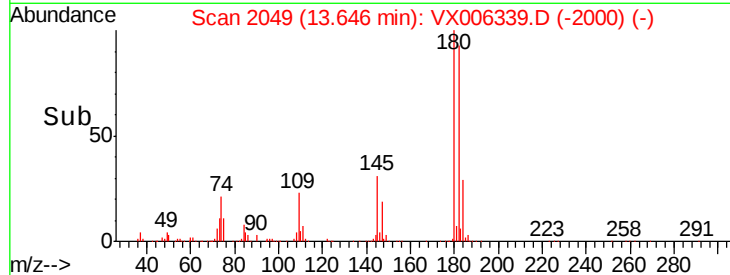
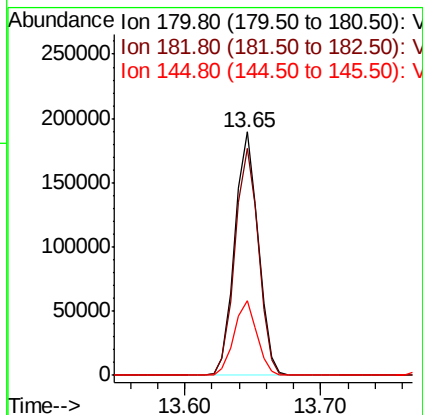
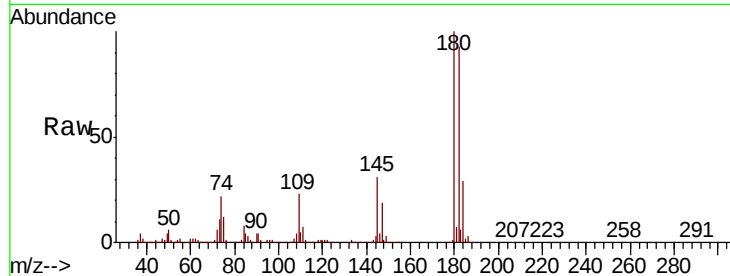




#93
 1,2,4-Trichlorobenzene
 Concen: 19.828 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

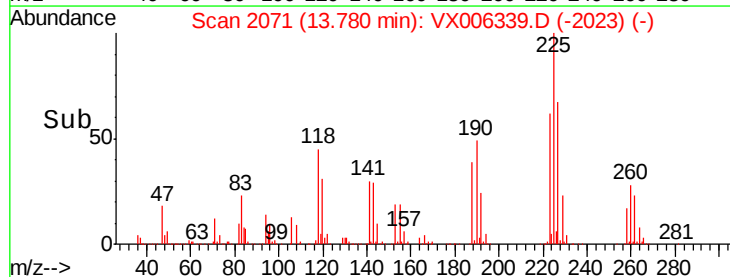
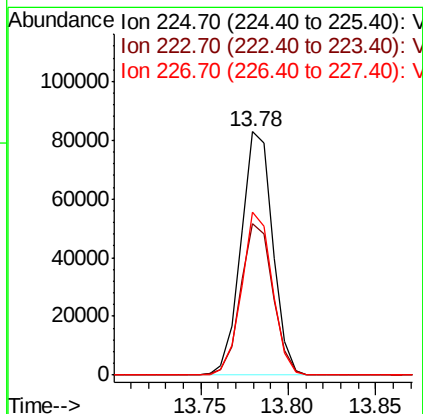
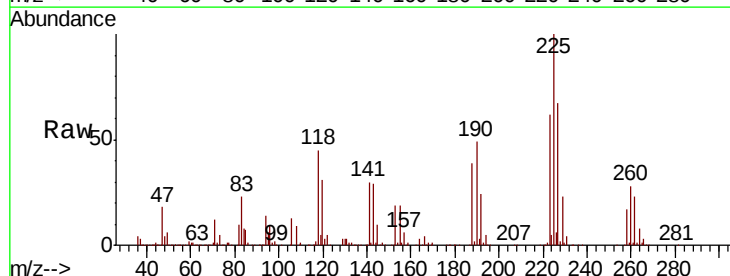
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207MBS01

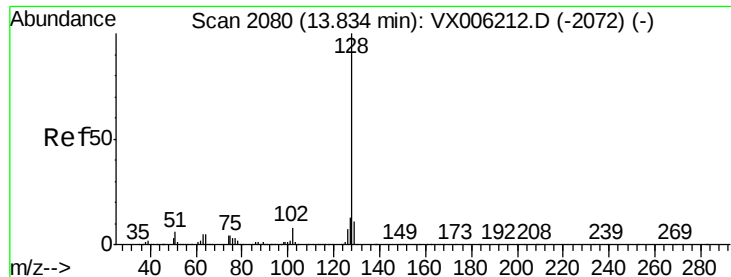
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	30.0	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.586 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006339.D
 Acq: 07 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	64.8	31.9	95.5





#95

Naphthalene

Concen: 20.265 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Instrument :

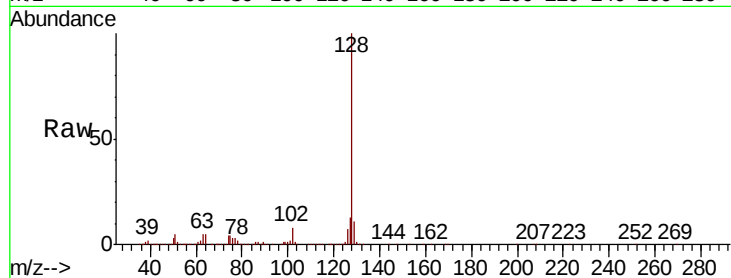
MSVOA_X

ClientSampleId :

VX1207MBS01

Tot Ion:128 Resp: 722755

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.9	8.9	13.3

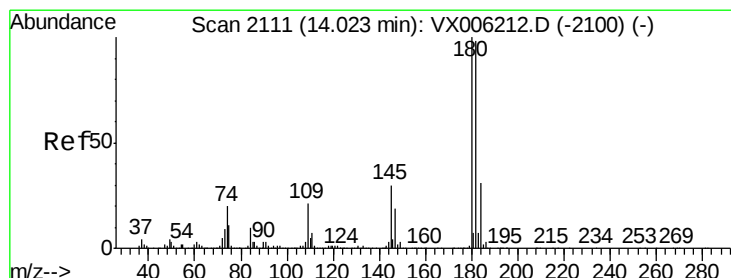
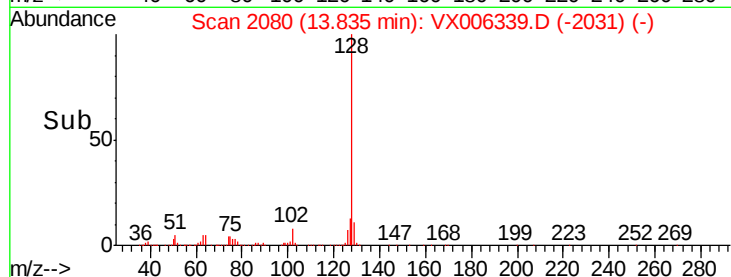
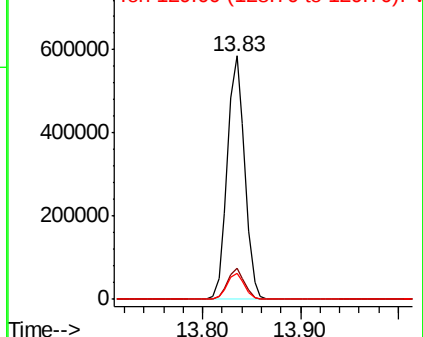


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.682 ug/l

RT: 14.02 min Scan# 2110

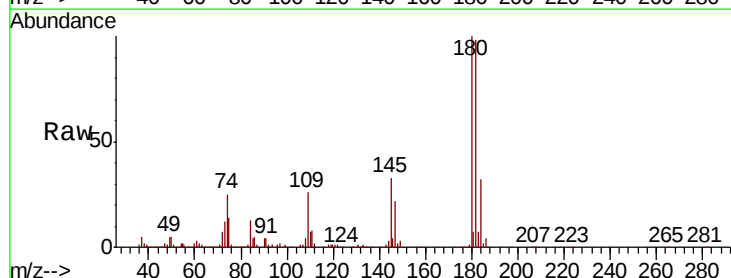
Delta R.T. -0.01 min

Lab File: VX006339.D

Acq: 07 Dec 2018 11:38

Tgt Ion:180 Resp: 223521

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.2
145	32.0	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

