

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006539.D
 Acq On : 15 Dec 2018 03:00
 Operator : JC/MD
 Sample : VX1214WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:42:01 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	5.67	168	541747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	870629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	800787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	299084	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.50	113	273689	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	1015006	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	388160	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103868	19.581	ug/l	96
3) Chloromethane	1.33	50	116222	21.321	ug/l	94
4) Vinyl Chloride	1.41	62	128816	21.957	ug/l	97
5) Bromomethane	1.64	94	127359	31.324	ug/l	98
6) Chloroethane	1.72	64	82638	22.973	ug/l	99
7) Trichlorofluoromethane	1.93	101	198112	21.999	ug/l	96
8) Diethyl Ether	2.19	74	77937	22.867	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	109231	21.331	ug/l	99
10) Methyl Iodide	2.51	142	177796	23.039	ug/l	99
11) Tert butyl alcohol	3.07	59	168104	111.148	ug/l	100
12) 1,1-Dichloroethene	2.38	96	109844	22.408	ug/l	88
13) Acrolein	2.29	56	47202	57.101	ug/l	99
14) Allyl chloride	2.73	41	177532	18.333	ug/l	97
15) Acrylonitrile	3.15	53	343239	108.755	ug/l	98
16) Acetone	2.45	43	279772	107.797	ug/l	96
17) Carbon Disulfide	2.57	76	268277	17.760	ug/l	99
18) Methyl Acetate	2.78	43	192381	22.165	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	383324	21.920	ug/l	98
20) Methylene Chloride	2.86	84	126376	22.879	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	117633	22.518	ug/l	93
22) Diisopropyl ether	3.87	45	344492	22.776	ug/l	94
23) Vinyl Acetate	3.82	43	1349425	104.602	ug/l	98
24) 1,1-Dichloroethane	3.70	63	195296	22.590	ug/l	99
25) 2-Butanone	4.70	43	412862	111.487	ug/l	99
26) 2,2-Dichloropropane	4.59	77	119447	14.971	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	134024	23.000	ug/l	96
28) Bromochloromethane	5.02	49	77073	20.410	ug/l	100
29) Tetrahydrofuran	5.16	42	282178	109.638	ug/l	97
30) Chloroform	5.21	83	210136	23.130	ug/l	97
31) Cyclohexane	5.58	56	173598	21.728	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	181968	21.051	ug/l	98
36) 1,1-Dichloropropene	5.80	75	155470	21.206	ug/l	100
37) Ethyl Acetate	4.85	43	162352	19.774	ug/l	97
38) Carbon Tetrachloride	5.79	117	153631	17.812	ug/l	98

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Quant Time: Dec 15 04:42:01 2018
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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)
39) Methylcyclohexane	7.46	83	188522	19.810	ug/l	99
40) Benzene	6.15	78	480535	21.884	ug/l	100
41) Methacrylonitrile	5.06	41	89205	19.745	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158902	22.111	ug/l	99
43) Isopropyl Acetate	6.46	43	252719	18.461	ug/l	99
44) Trichloroethene	7.21	130	139817	21.018	ug/l	95
45) 1,2-Dichloropropane	7.52	63	116665	20.904	ug/l	98
46) Dibromomethane	7.66	93	86058	21.351	ug/l	94
47) Bromodichloromethane	7.90	83	138648	17.763	ug/l	98
48) Methyl methacrylate	7.77	41	129312	19.417	ug/l	97
49) 1,4-Dioxane	7.75	88	70981	432.453	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	815810	102.372	ug/l	97
52) Toluene	8.79	92	315728	21.855	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147086	16.113	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164956	17.403	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	130736	22.276	ug/l	99
56) Ethyl methacrylate	9.18	69	187362	20.421	ug/l	96
57) 1,3-Dichloropropane	9.37	76	205445	22.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	448900	96.414	ug/l	100
59) 2-Hexanone	9.49	43	629896	103.459	ug/l	99
60) Dibromochloromethane	9.59	129	121415	16.777	ug/l	98
61) 1,2-Dibromoethane	9.67	107	139720	21.291	ug/l	100
64) Tetrachloroethene	9.34	164	137696	22.833	ug/l	96
65) Chlorobenzene	10.14	112	365960	21.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	118674	17.968	ug/l	97
67) Ethyl Benzene	10.25	91	603456	21.344	ug/l	99
68) m/p-Xylenes	10.36	106	486374	42.946	ug/l	98
69) o-Xylene	10.70	106	239405	21.401	ug/l	100
70) Styrene	10.71	104	381212	21.070	ug/l	100
71) Bromoform	10.86	173	84936	13.623	ug/l #	98
73) Isopropylbenzene	11.02	105	628853	22.020	ug/l	99
74) N-amyl acetate	10.90	43	226768	18.440	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	192218	21.039	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	202099	25.320	ug/l	86
77) Bromobenzene	11.26	156	168888	21.310	ug/l	98
78) n-propylbenzene	11.36	91	686063	21.612	ug/l	100
79) 2-Chlorotoluene	11.42	91	411321	21.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515550	21.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40861	12.014	ug/l #	78
82) 4-Chlorotoluene	11.51	91	472981	21.561	ug/l	100
83) tert-Butylbenzene	11.77	119	530758	20.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	536397	21.862	ug/l	99
85) sec-Butylbenzene	11.94	105	630051	21.845	ug/l	100
86) p-Isopropyltoluene	12.06	119	554528	21.352	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	303014	21.487	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303288	21.190	ug/l	98
89) n-Butylbenzene	12.39	91	455392	20.551	ug/l	99
90) Hexachloroethane	12.60	117	79548	15.029	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	305162	21.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36603	15.629	ug/l	96

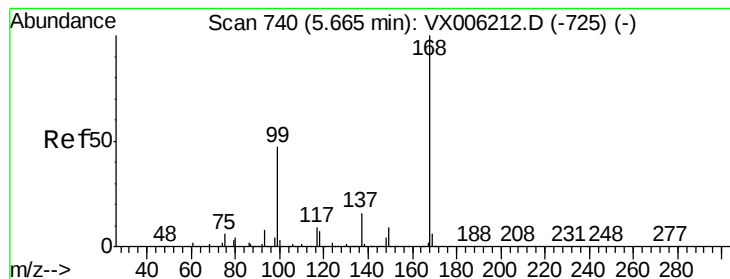
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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ClientSampleId :

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	204105	19.989	ug/l	100
94) Hexachlorobutadiene	13.78	225	89871	19.902	ug/l	98
95) Naphthalene	13.83	128	659410	20.761	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205196	20.290	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

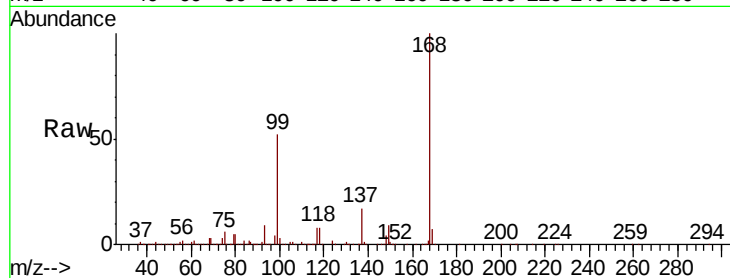
ClientSampled :

Tot Ion:168 Resp: 541747

Ion Ratio Lower Upper

168 100

99 51.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006539.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006539.D (-691) (-)

5.67

200000

150000

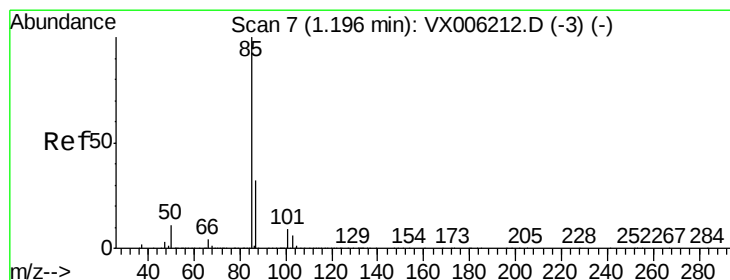
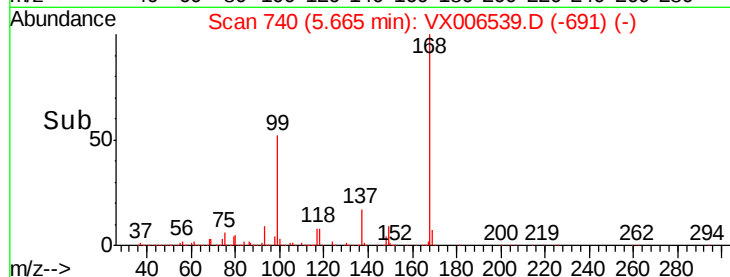
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.581 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006539.D

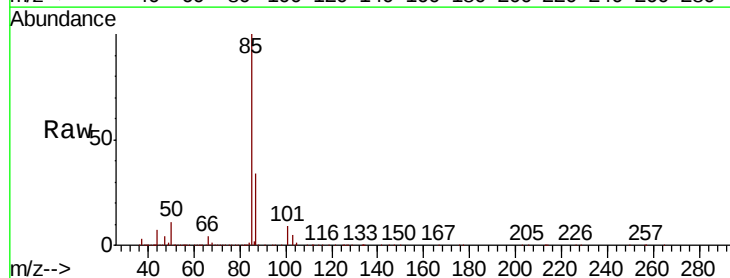
Acq: 15 Dec 2018 03:00

Tgt Ion: 85 Resp: 103868

Ion Ratio Lower Upper

85 100

87 34.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006539.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006539.D (-1) (-)

1.20

100000

80000

60000

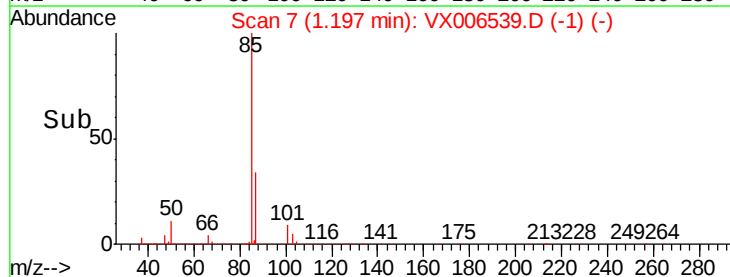
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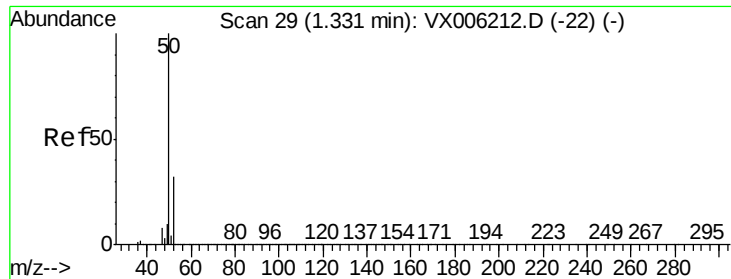
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.321 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

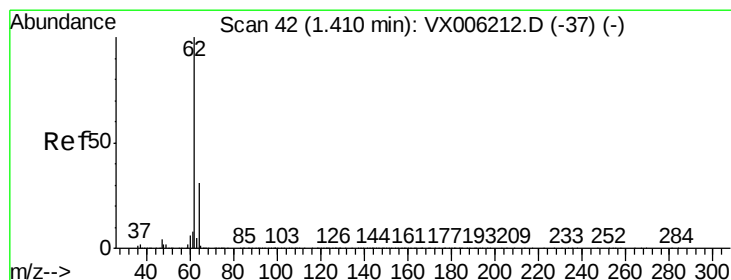
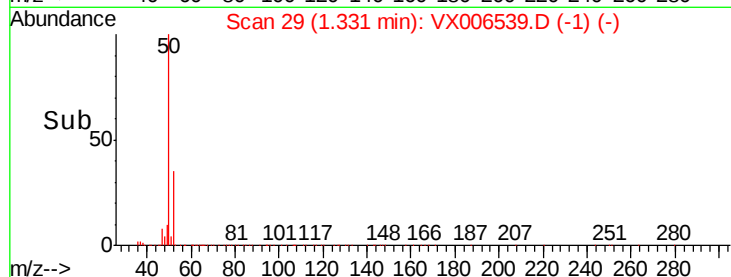
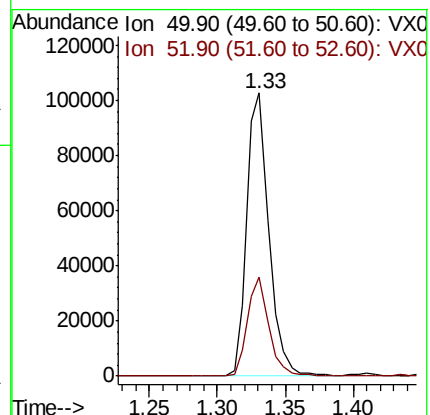
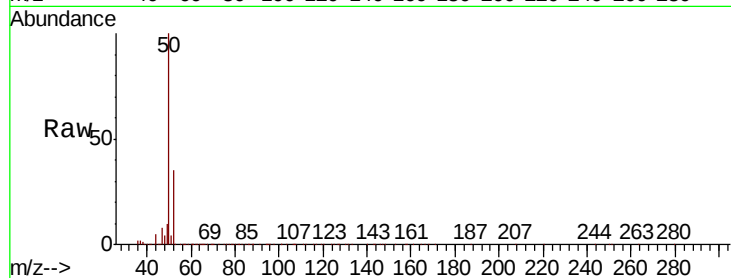
ClientSampled :

Tot Ion: 50 Resp: 116222

Ion Ratio Lower Upper

50 100

52 34.6 25.2 37.8



#4

Vinyl Chloride

Concen: 21.957 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006539.D

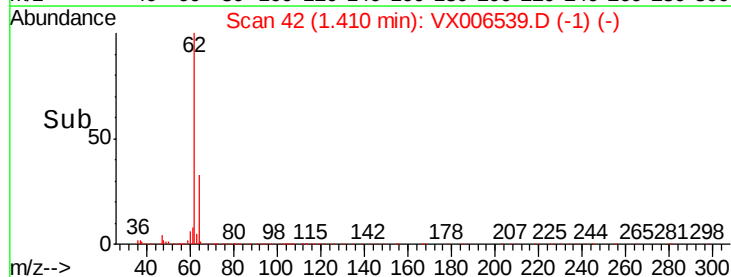
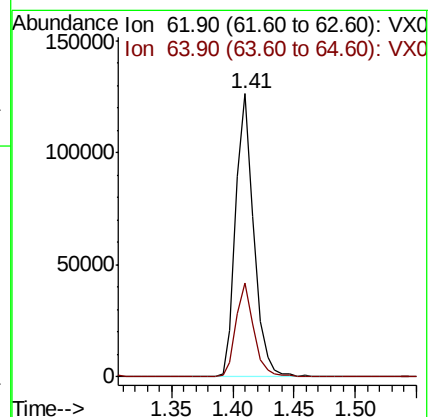
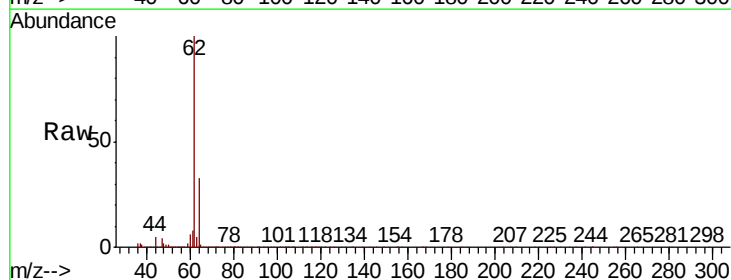
Acq: 15 Dec 2018 03:00

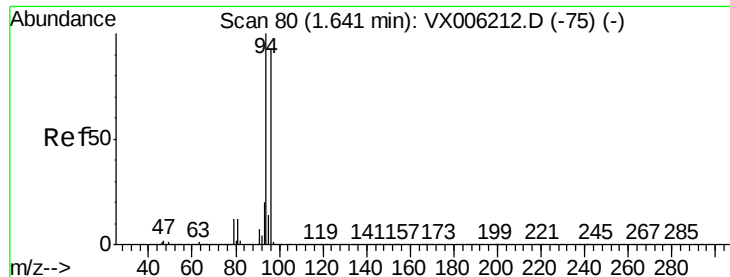
Tgt Ion: 62 Resp: 128816

Ion Ratio Lower Upper

62 100

64 32.8 24.9 37.3





#5

Bromomethane

Concen: 31.324 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

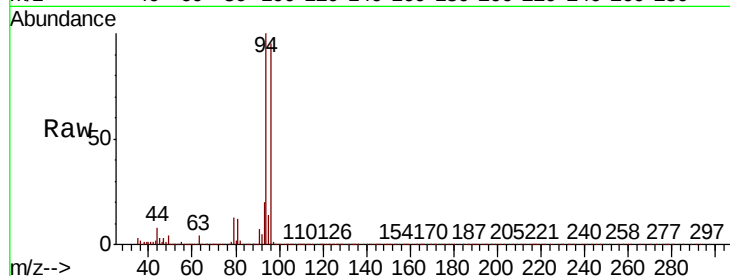
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 127359

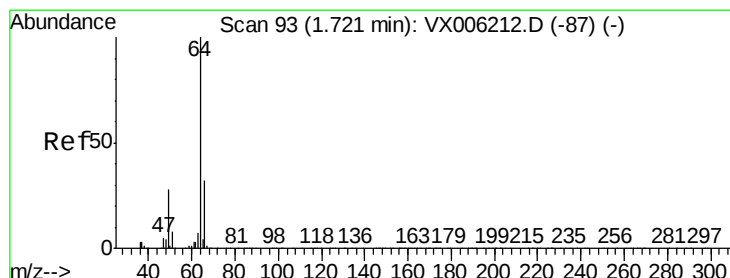
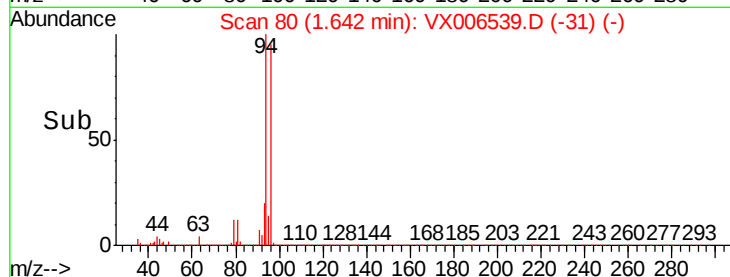
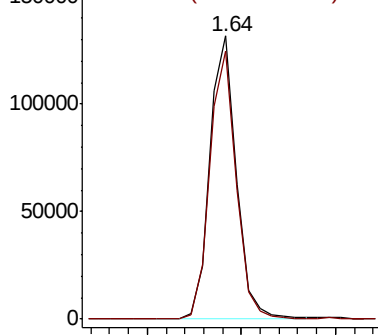
Ion Ratio Lower Upper

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: 22.973 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006539.D

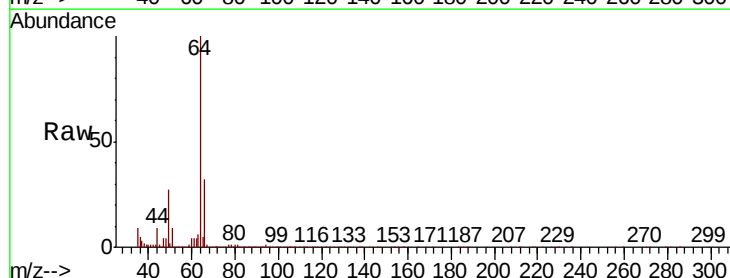
Acq: 15 Dec 2018 03:00

Tgt Ion: 64 Resp: 82638

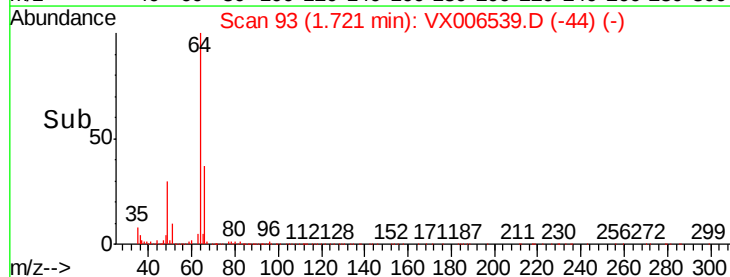
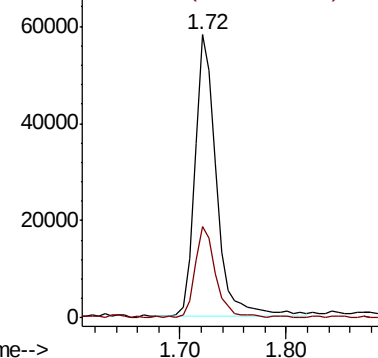
Ion Ratio Lower Upper

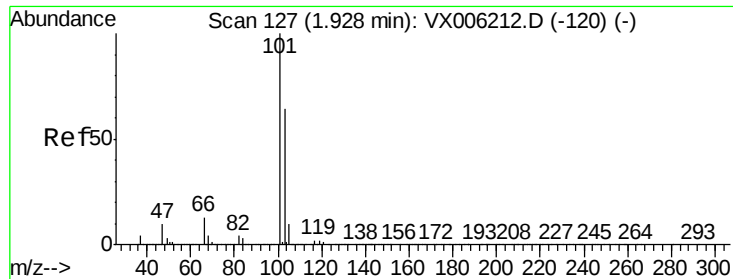
64 100

66 31.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



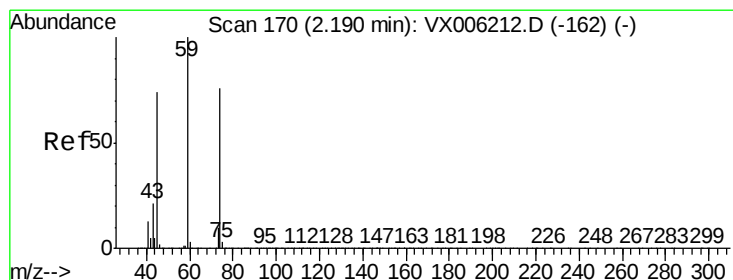
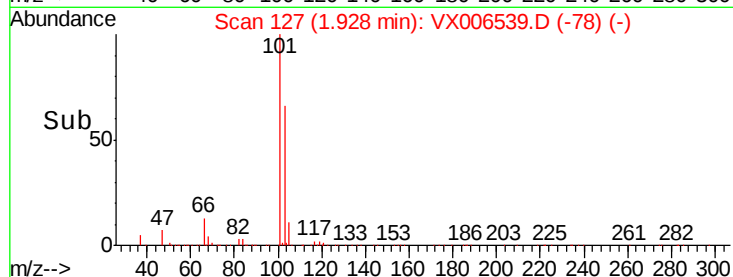
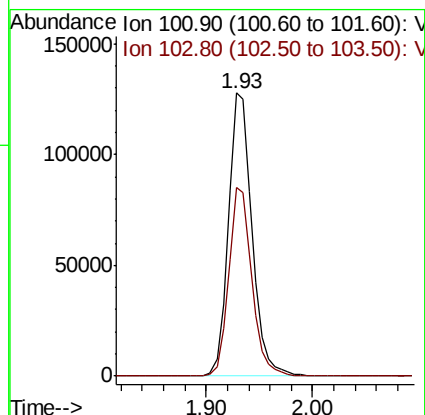
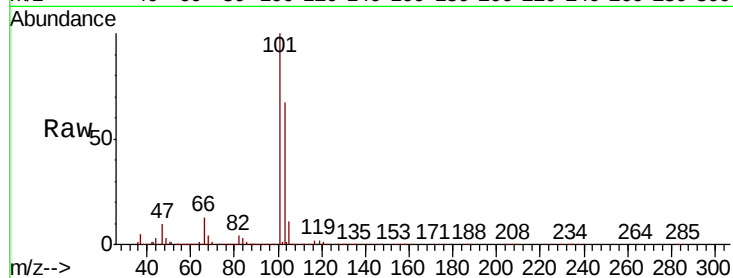


#7

Trichlorofluoromethane
Concen: 21.999 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampled :

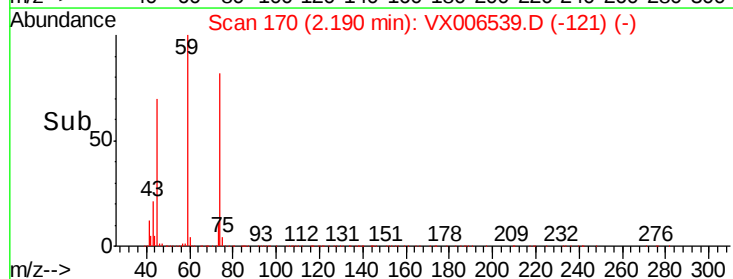
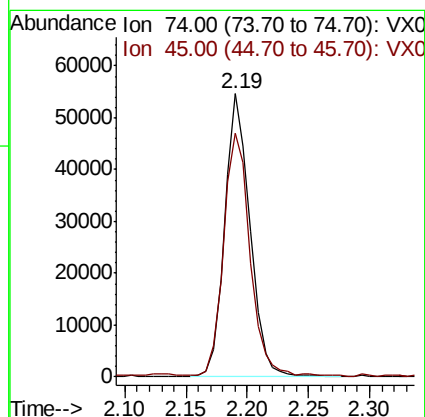
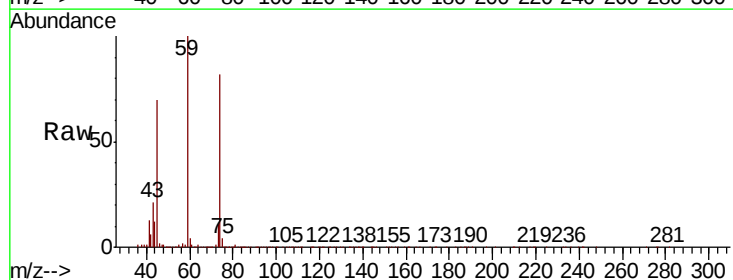
Tot Ion:101 Resp: 198112
Ion Ratio Lower Upper
101 100
103 66.6 51.0 76.4

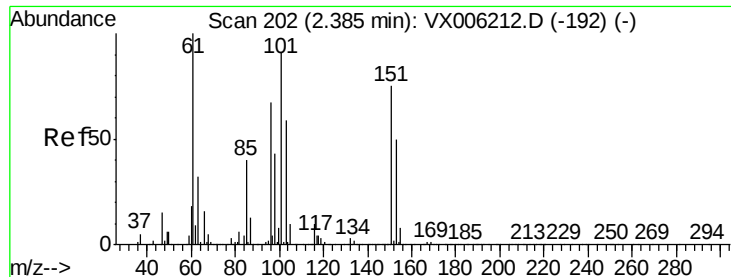


#8

Diethyl Ether
Concen: 22.867 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 74 Resp: 77937
Ion Ratio Lower Upper
74 100
45 88.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.331 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

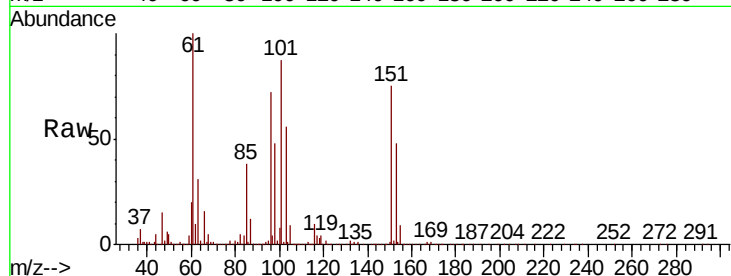
Tot Ion:101 Resp: 109231

Ion Ratio Lower Upper

101 100

85 43.4 35.5 53.3

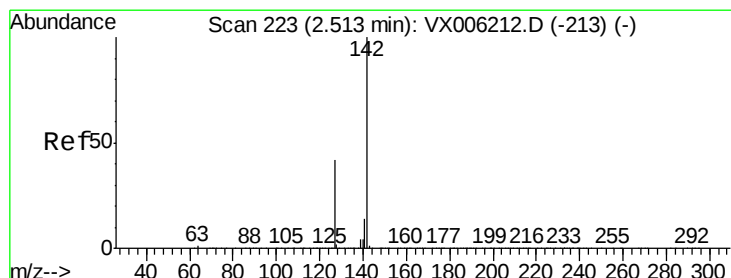
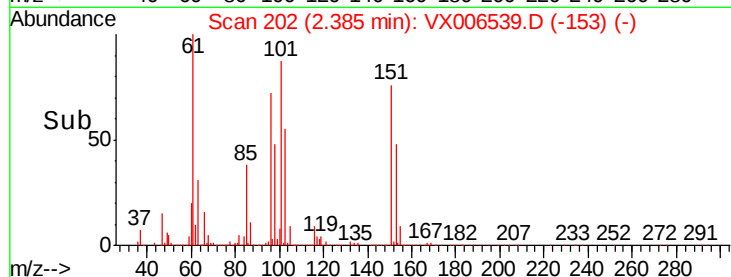
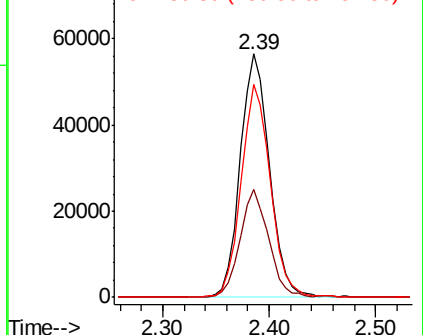
151 87.0 68.6 103.0



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: 23.039 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

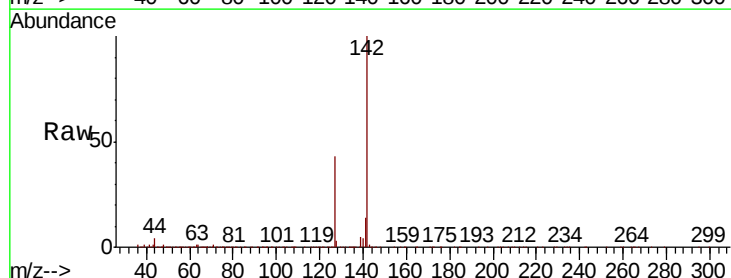
Tgt Ion:142 Resp: 177796

Ion Ratio Lower Upper

142 100

127 42.5 34.8 52.2

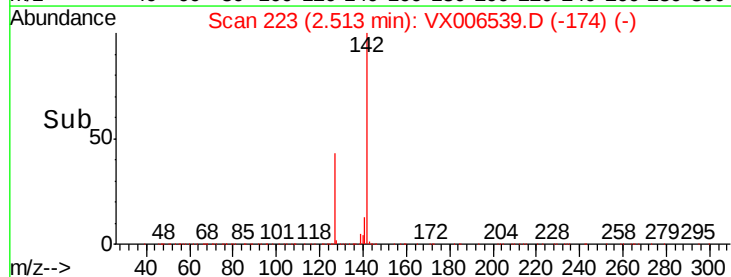
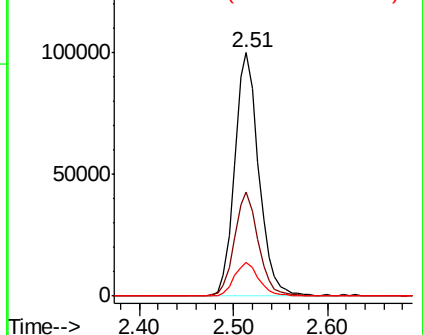
141 14.1 11.4 17.2

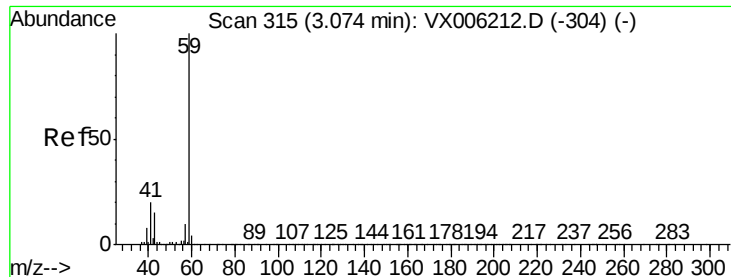


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



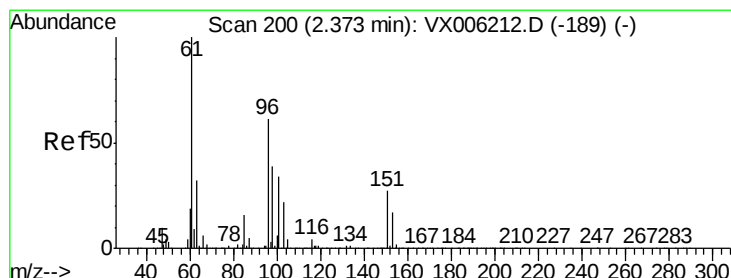
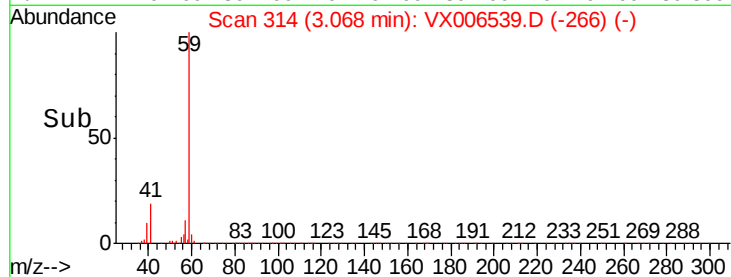
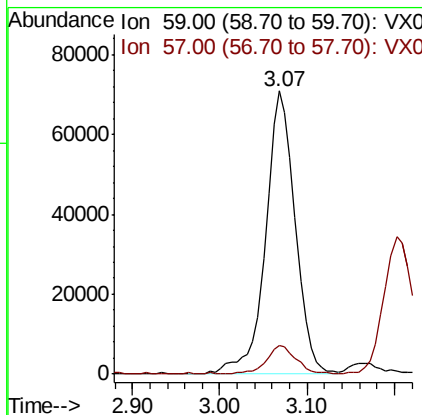
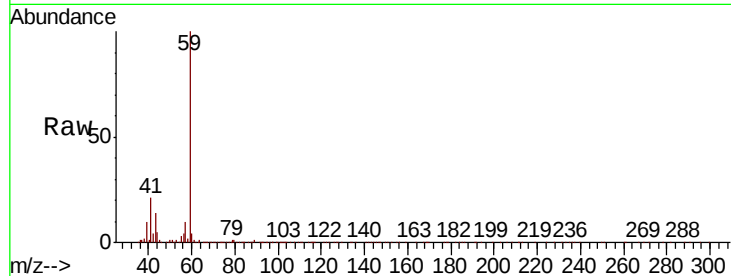


#11

Tert butyl alcohol
Concen: 111.148 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :

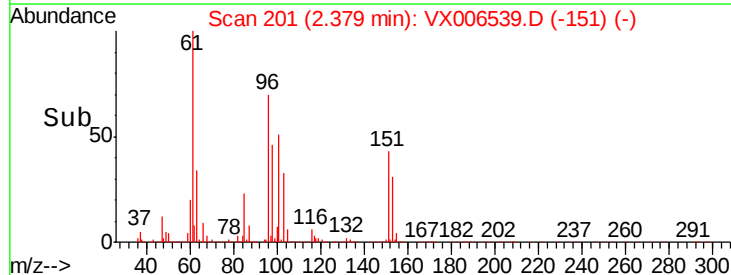
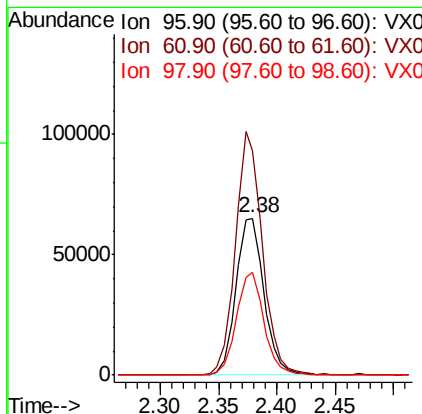
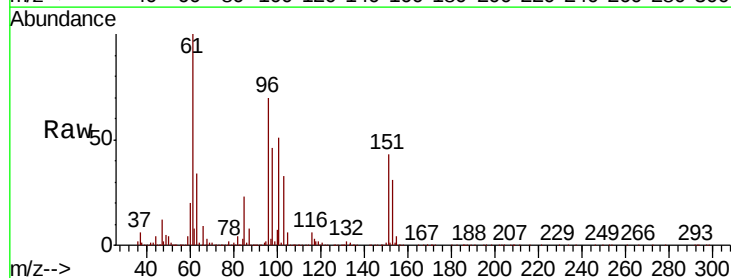
Tot Ion: 59 Resp: 168104
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

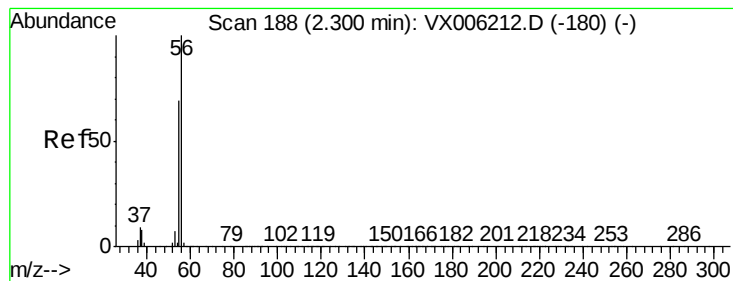


#12

1,1-Dichloroethene
Concen: 22.408 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 96 Resp: 109844
Ion Ratio Lower Upper
96 100
61 142.5 131.7 197.5
98 65.6 51.8 77.6





#13

Acrolein

Concen: 57.101 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

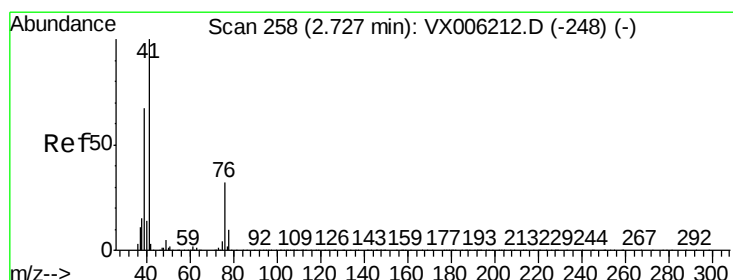
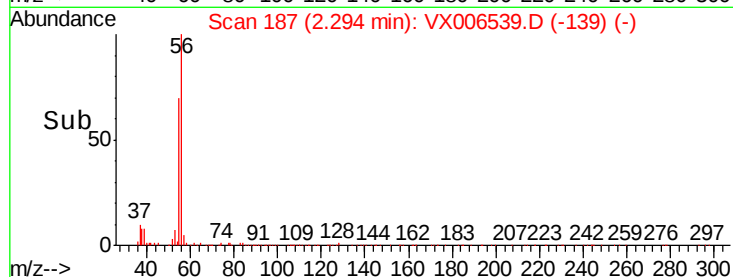
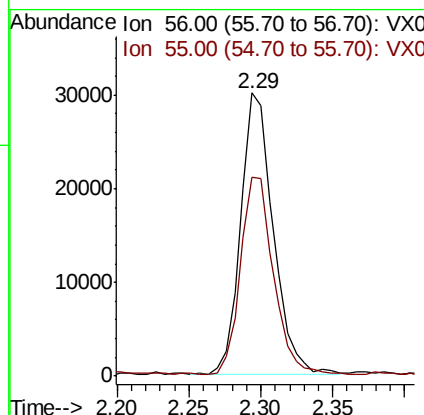
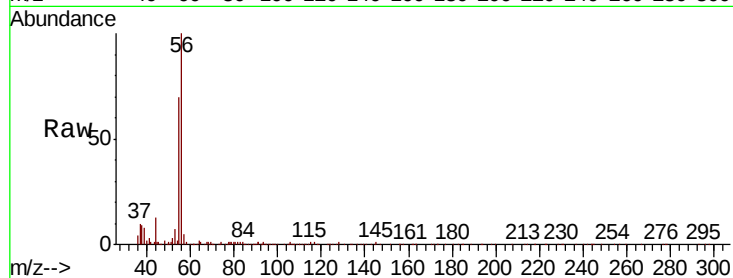
ClientSampleId :

Tot Ion: 56 Resp: 47202

Ion Ratio Lower Upper

56 100

55 71.1 57.8 86.6



#14

Allyl chloride

Concen: 18.333 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

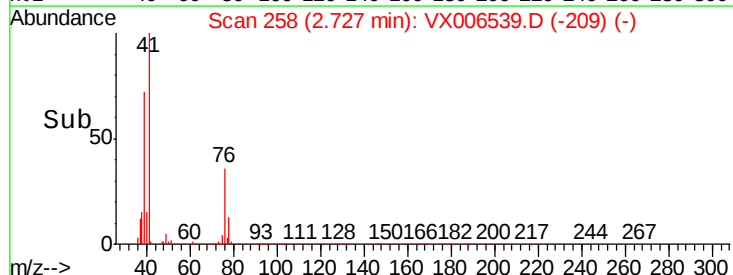
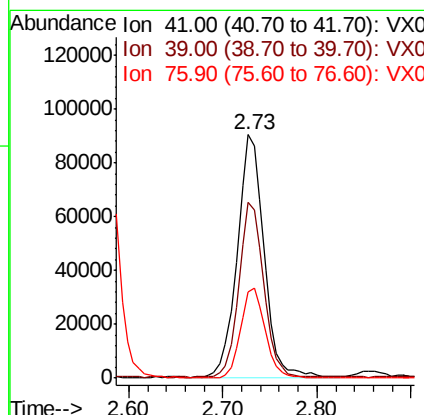
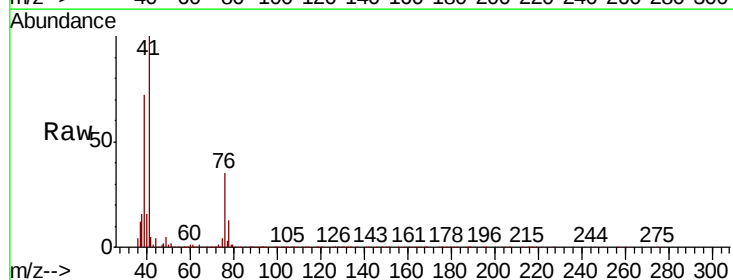
Tgt Ion: 41 Resp: 177532

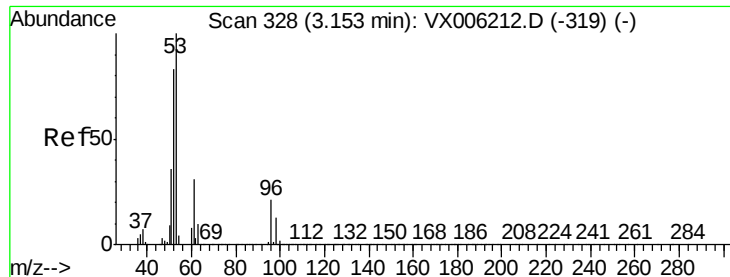
Ion Ratio Lower Upper

41 100

39 67.1 52.4 78.6

76 33.9 25.4 38.0





#15

Acrylonitrile

Concen: 108.755 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :

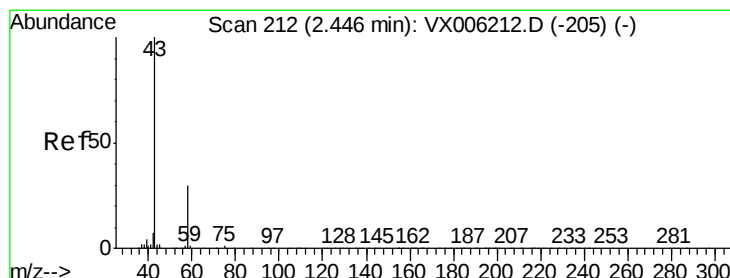
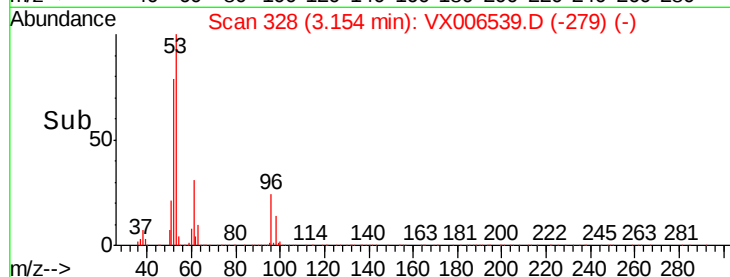
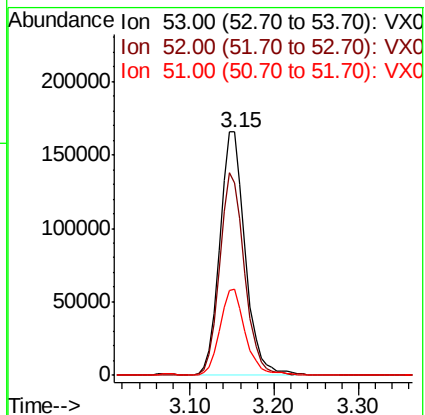
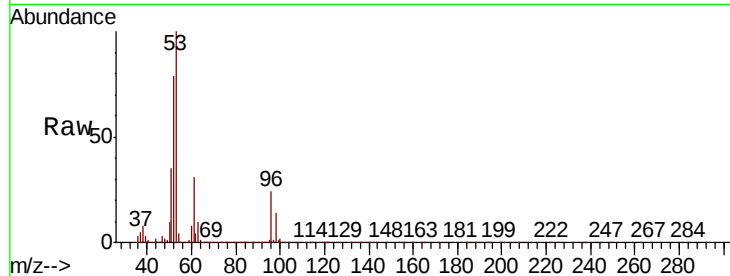
Tot Ion: 53 Resp: 343239

Ion Ratio Lower Upper

53 100

52 81.0 66.2 99.4

51 35.2 28.7 43.1



#16

Acetone

Concen: 107.797 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006539.D

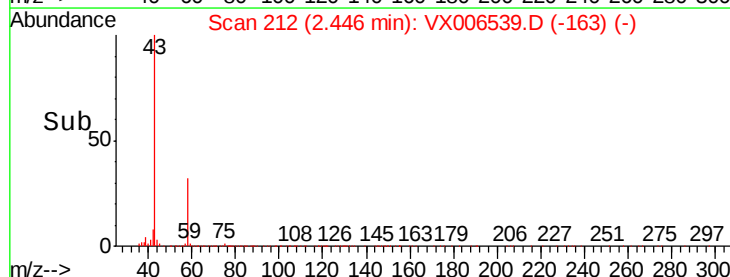
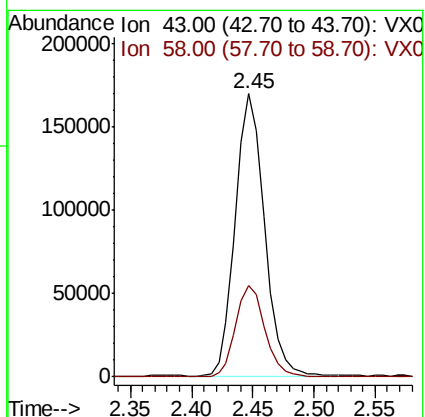
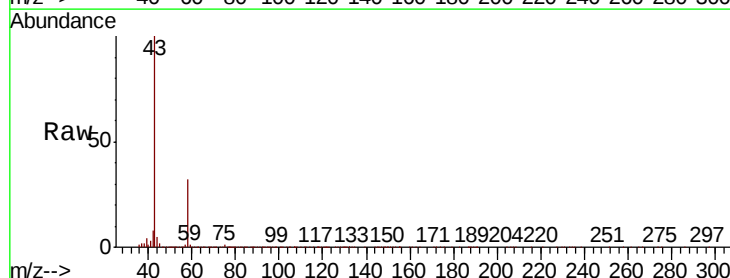
Acq: 15 Dec 2018 03:00

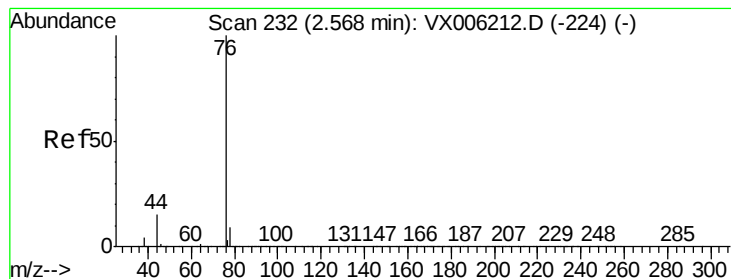
Tgt Ion: 43 Resp: 279772

Ion Ratio Lower Upper

43 100

58 32.0 24.0 36.0





#17

Carbon Disulfide

Concen: 17.760 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

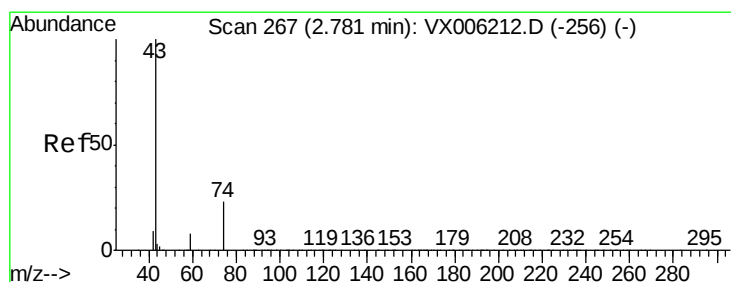
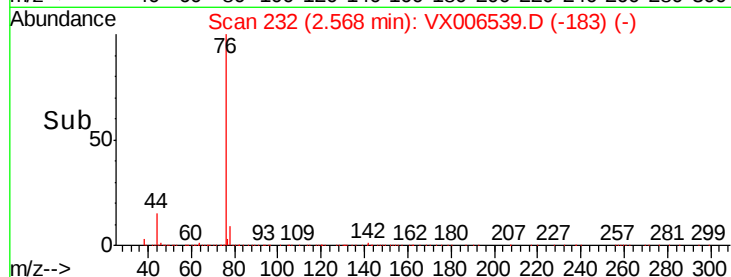
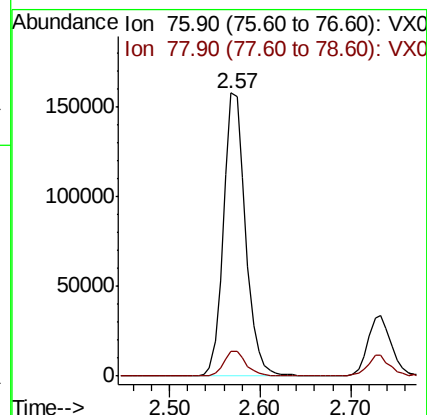
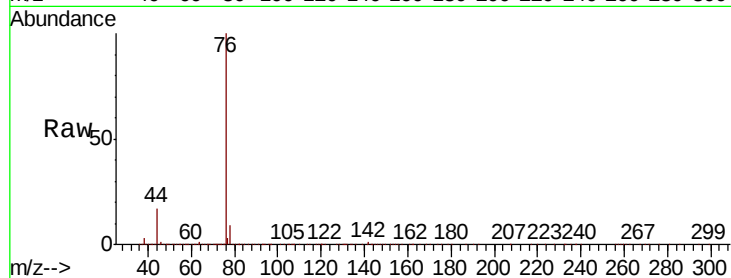
ClientSampleId :

Tot Ion: 76 Resp: 268277

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 22.165 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006539.D

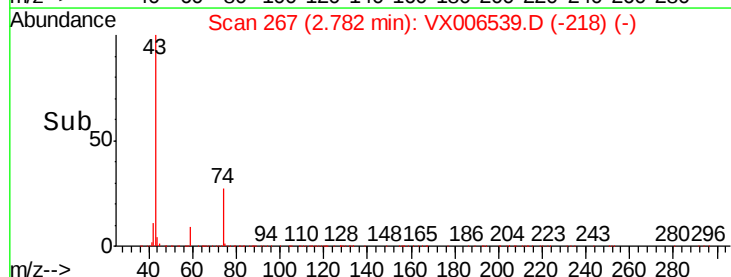
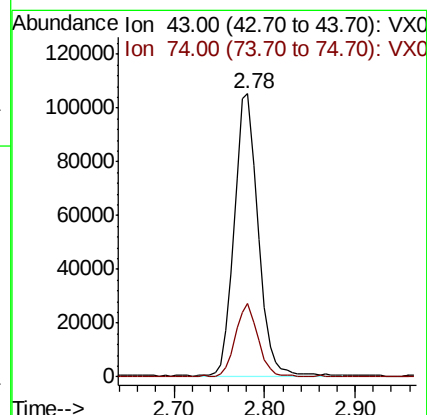
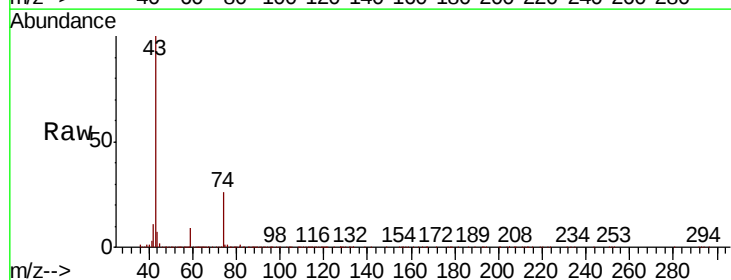
Acq: 15 Dec 2018 03:00

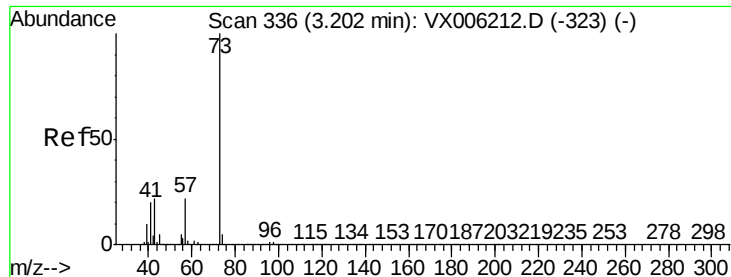
Tgt Ion: 43 Resp: 192381

Ion Ratio Lower Upper

43 100

74 24.8 17.9 26.9

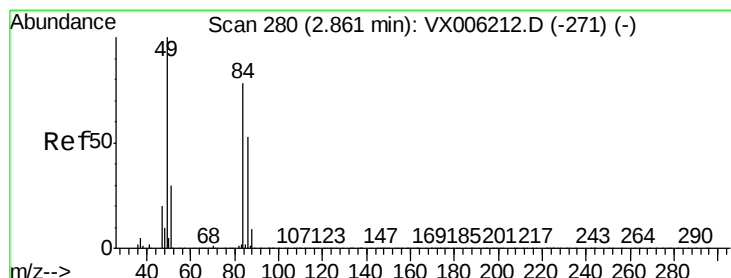
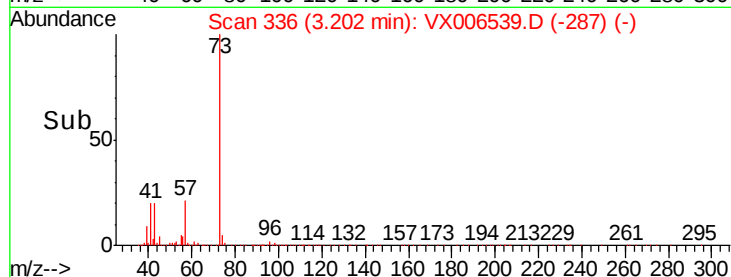
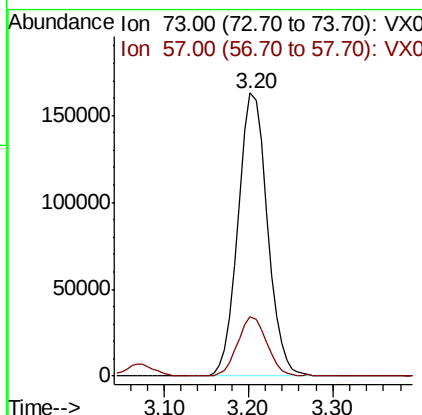
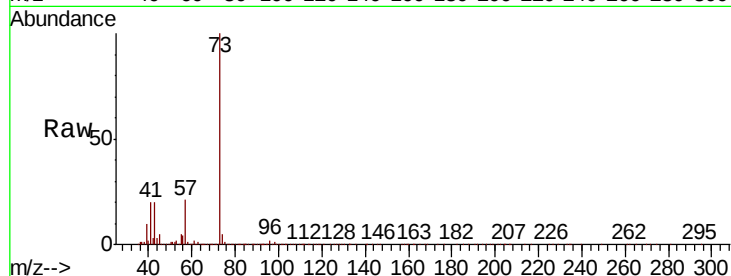




#19
Methvl tert-butvl Ether
Concen: 21.920 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

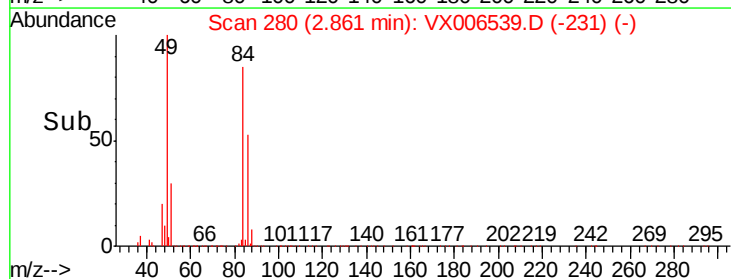
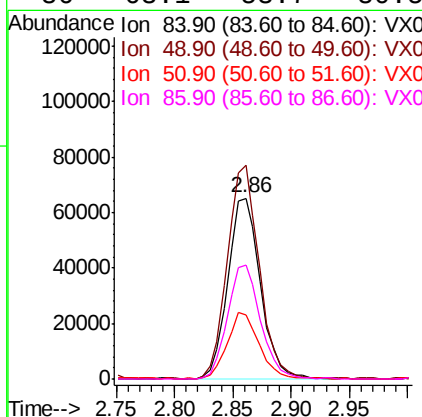
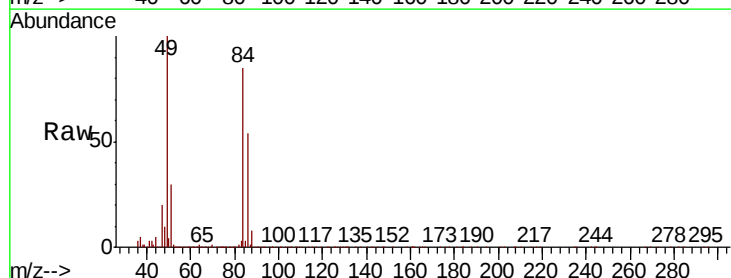
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 383324
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3



#20
Methylene Chloride
Concen: 22.879 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 84 Resp: 126376
Ion Ratio Lower Upper
84 100
49 118.0 102.2 153.4
51 35.0 31.1 46.7
86 63.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 22.518 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampled :

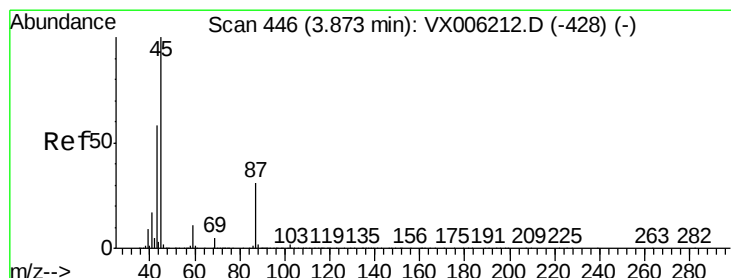
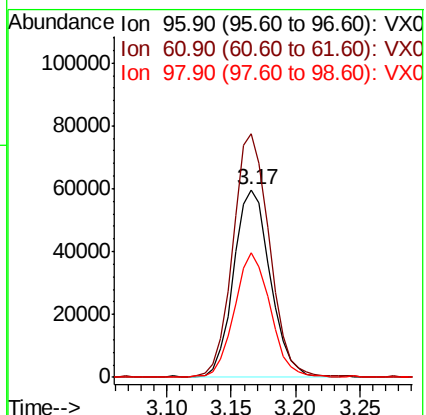
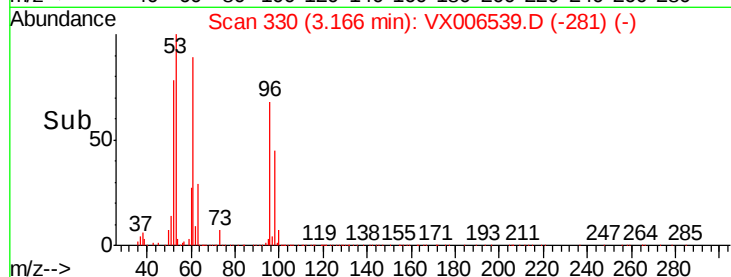
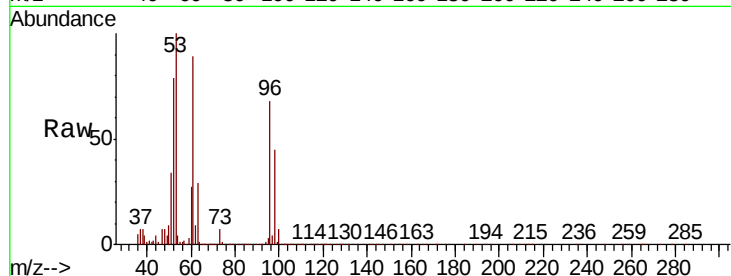
Tot Ion: 96 Resp: 117633

Ion Ratio Lower Upper

96 100

61 129.9 113.3 169.9

98 66.4 53.2 79.8



#22

Diisopropyl ether

Concen: 22.776 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion: 45 Resp: 344492

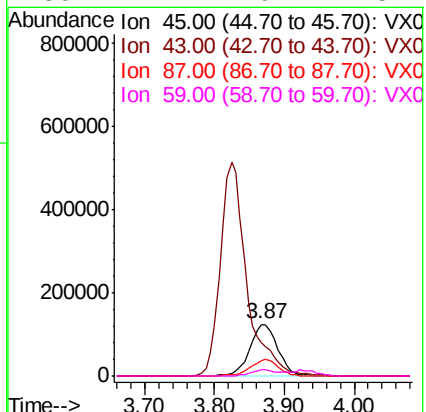
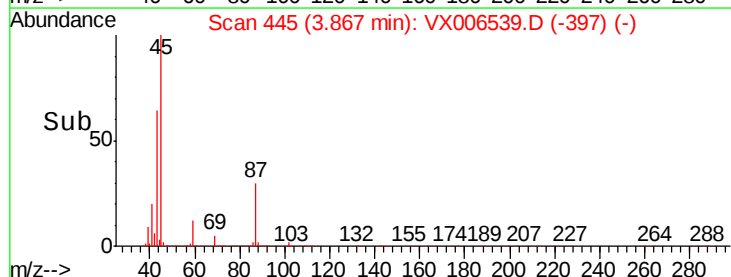
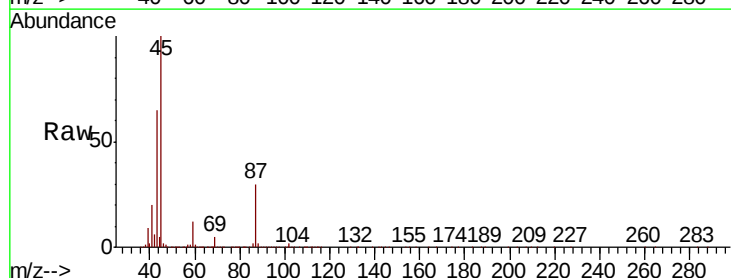
Ion Ratio Lower Upper

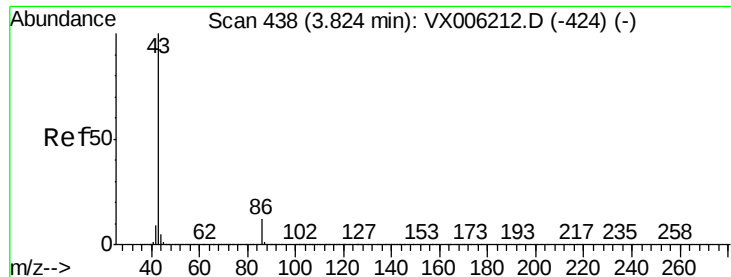
45 100

43 64.4 46.2 69.2

87 30.3 24.9 37.3

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 104.602 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

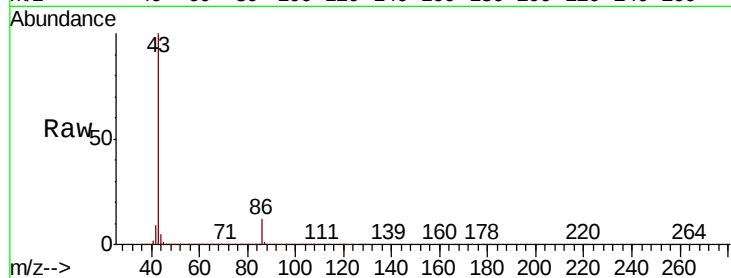
ClientSampled :

Tot Ion: 43 Resp: 1349425

Ion Ratio Lower Upper

43 100

86 12.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

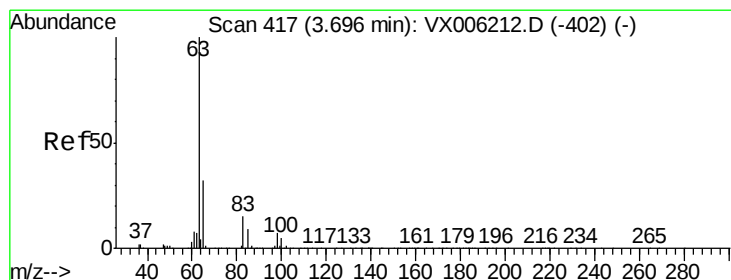
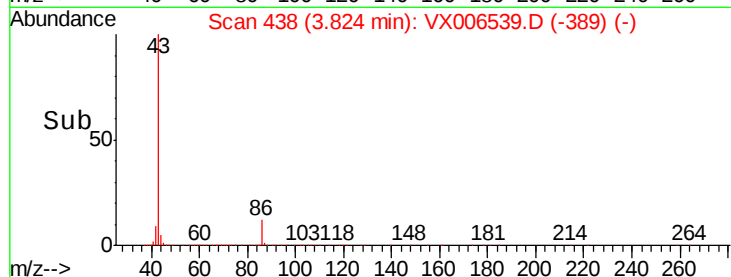
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 22.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

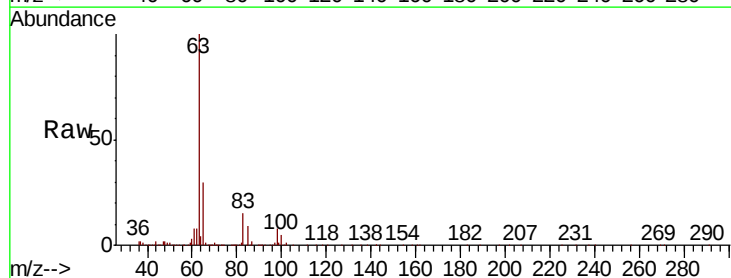
Tgt Ion: 63 Resp: 195296

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.7 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

100000

80000

60000

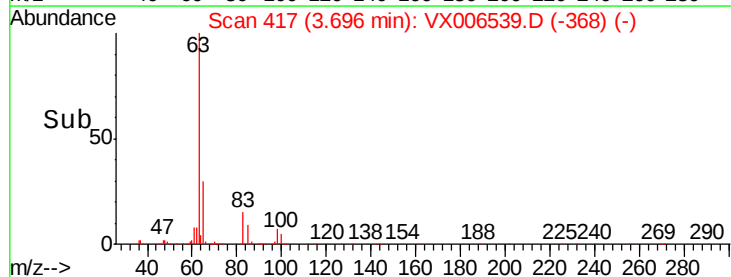
40000

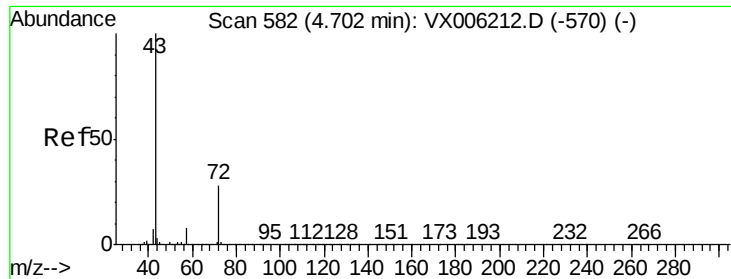
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 111.487 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

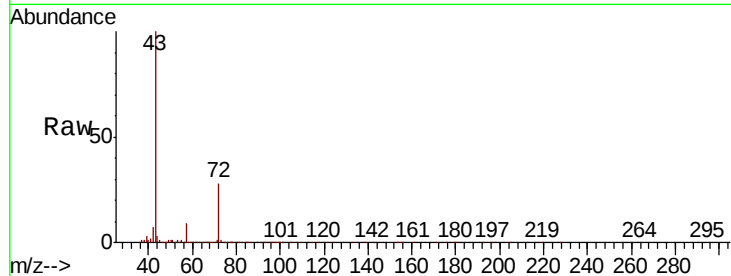
ClientSampleId :

Tot Ion: 43 Resp: 412862

Ion Ratio Lower Upper

43 100

72 27.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX006212.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX006212.D (-570) (-)

150000

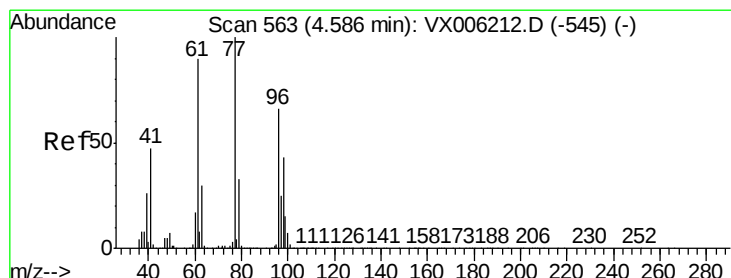
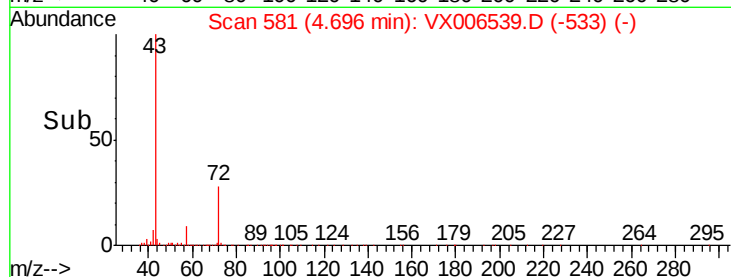
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 14.971 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006539.D

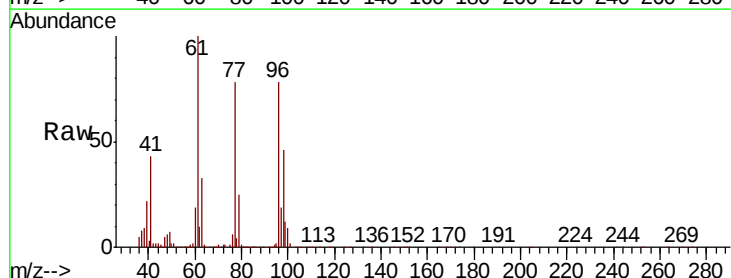
Acq: 15 Dec 2018 03:00

Tgt Ion: 77 Resp: 119447

Ion Ratio Lower Upper

77 100

97 25.9 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX006212.D (-545) (-)

Ion 96.90 (96.60 to 97.60): VX006212.D (-545) (-)

40000

30000

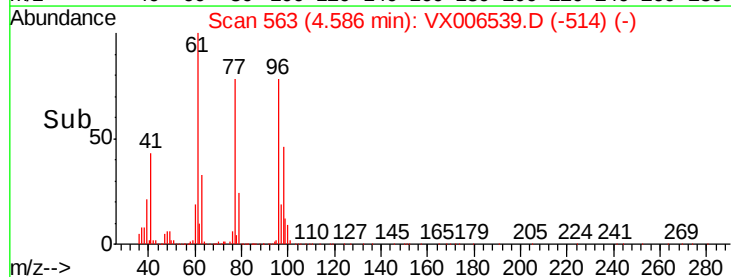
20000

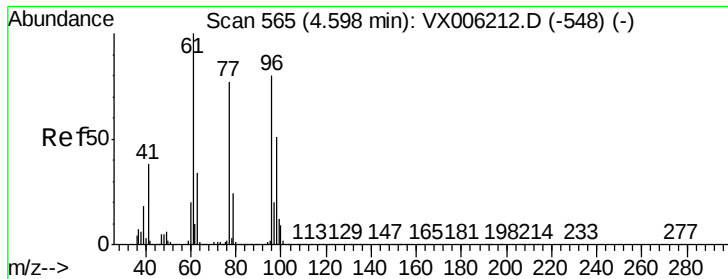
10000

0

4.50 4.60 4.70

Time-->



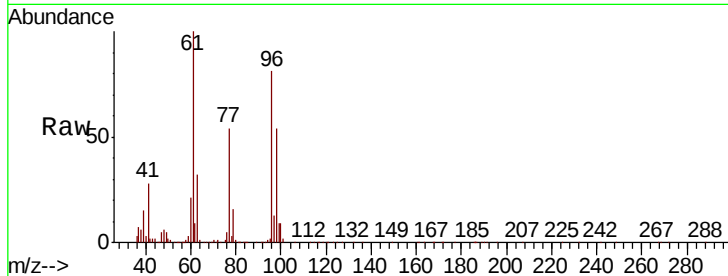


#27

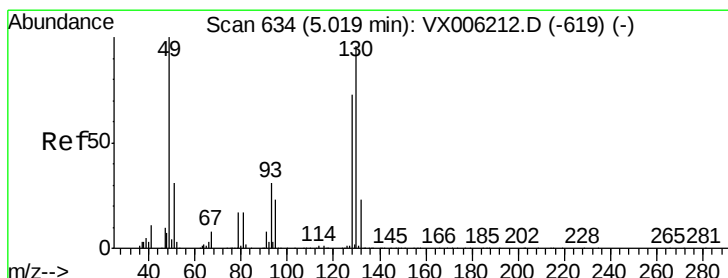
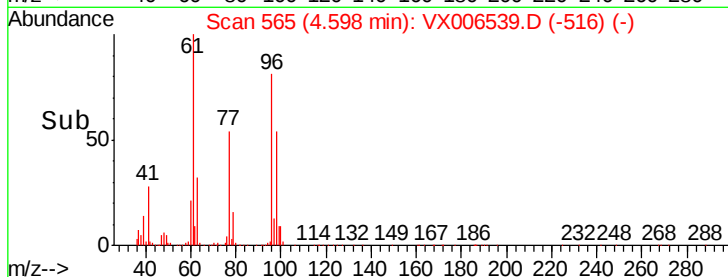
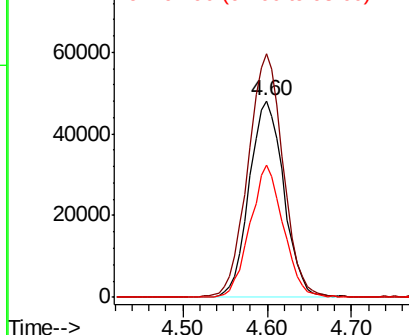
cis-1,2-Dichloroethene
Concen: 23.000 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	265.0
98	65.0	0.0	130.2



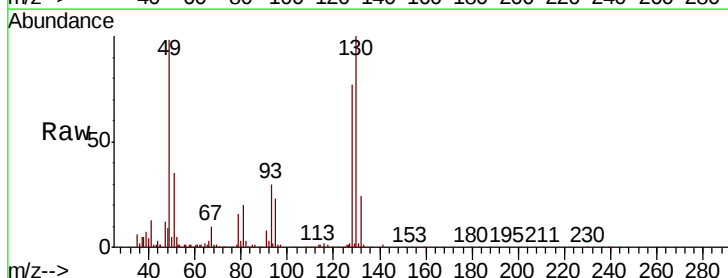
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



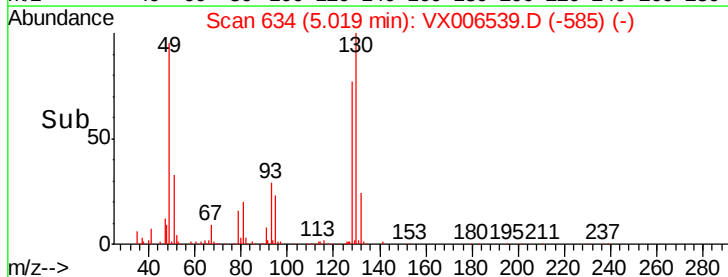
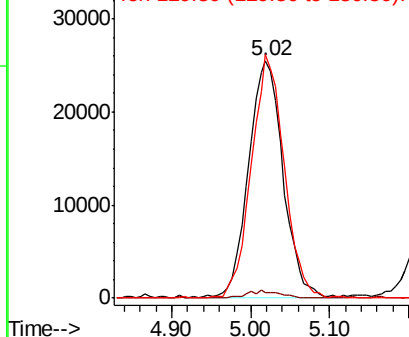
#28

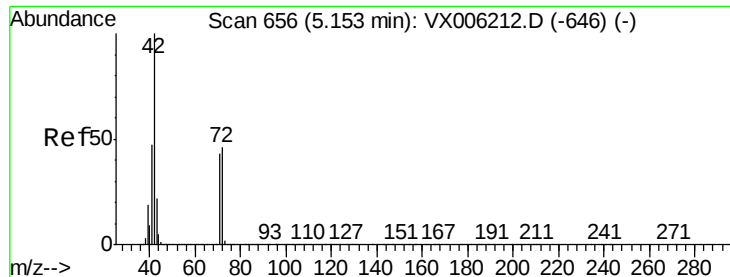
Bromochloromethane
Concen: 20.410 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	98.0	78.3	117.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.638 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

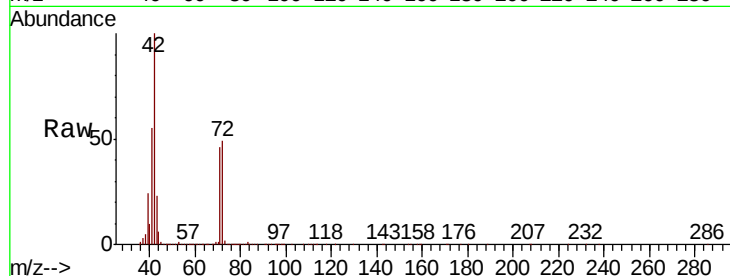
Tot Ion: 42 Resp: 282178

Ion Ratio Lower Upper

42 100

72 49.6 37.8 56.8

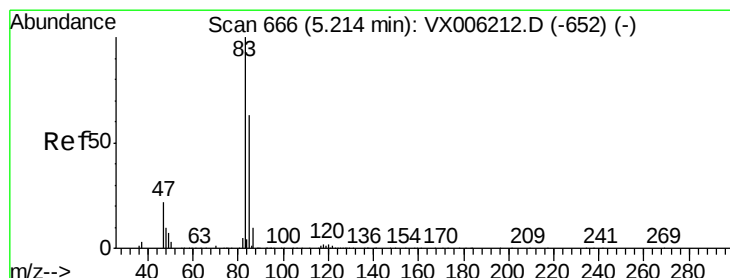
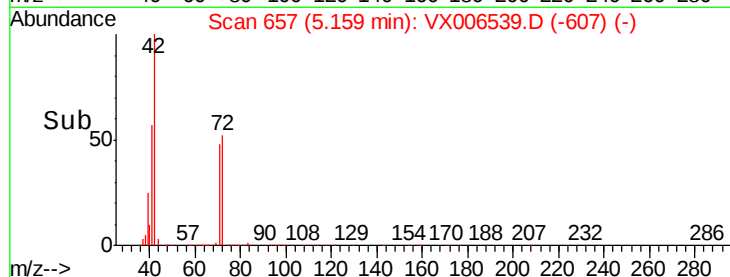
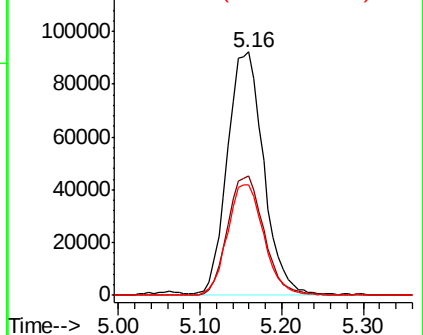
71 46.1 35.2 52.8



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: 23.130 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006539.D

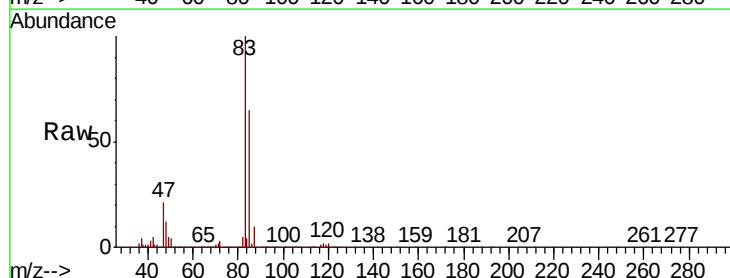
Acq: 15 Dec 2018 03:00

Tgt Ion: 83 Resp: 210136

Ion Ratio Lower Upper

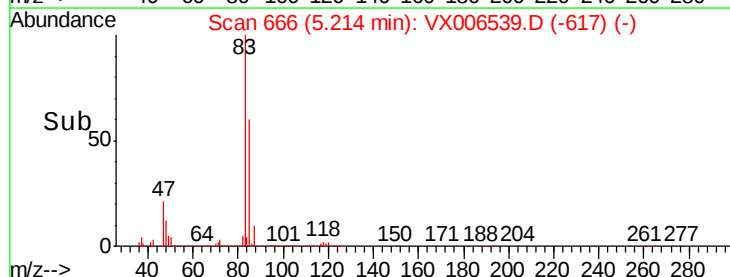
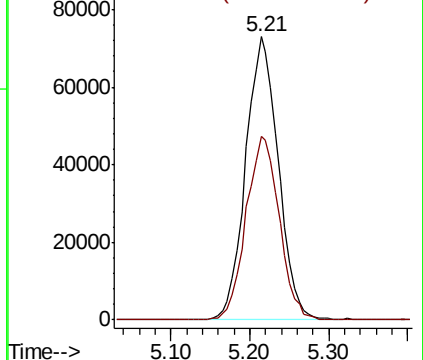
83 100

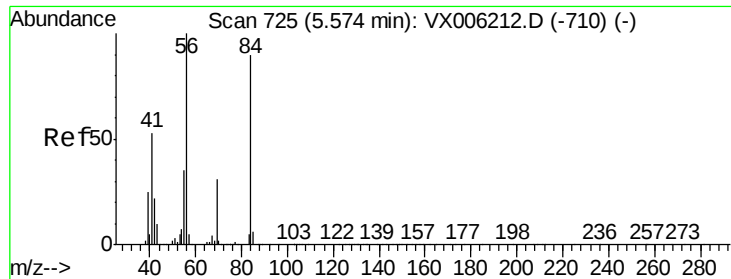
85 65.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

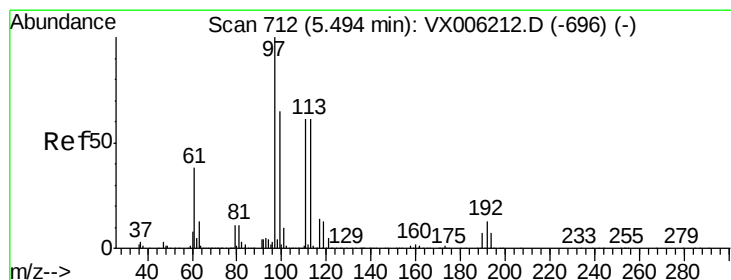
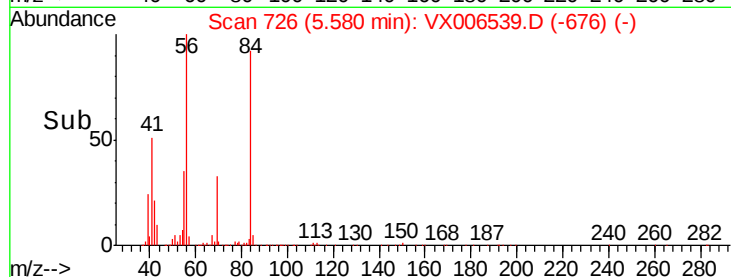
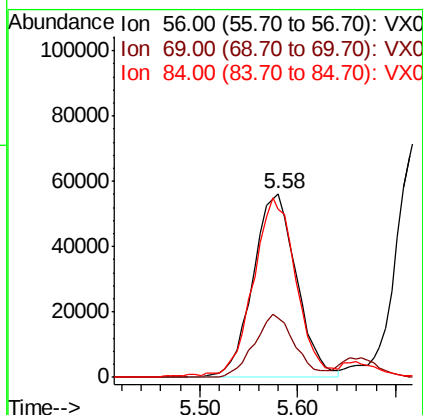
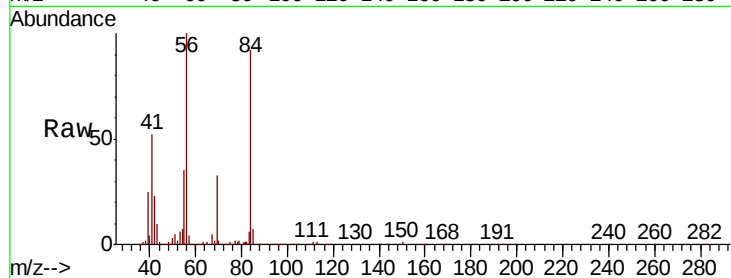




#31
Cvclohexane
Concen: 21.728 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

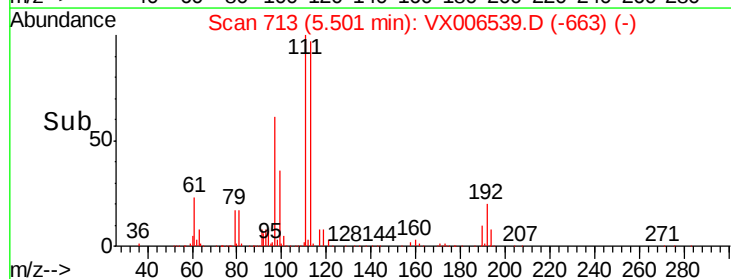
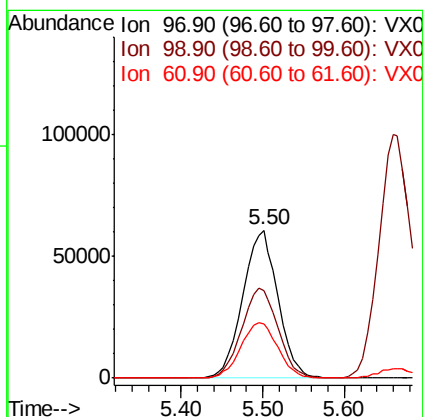
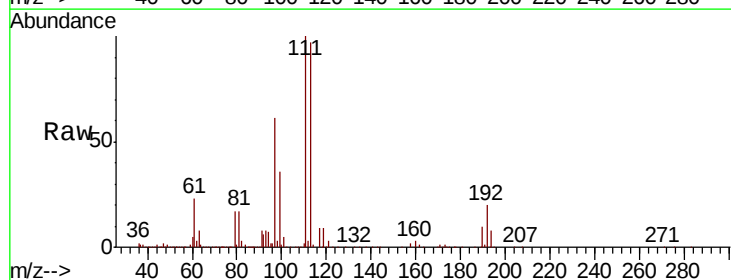
Instrument :
MSVOA_X
ClientSampleId :

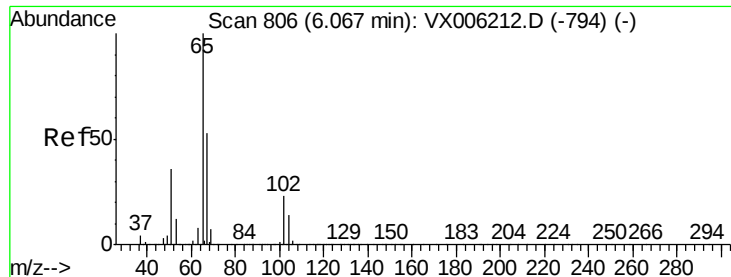
Tot Ion: 56 Resp: 173598
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 90.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.051 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 97 Resp: 181968
Ion Ratio Lower Upper
97 100
99 62.9 51.6 77.4
61 39.9 30.6 46.0

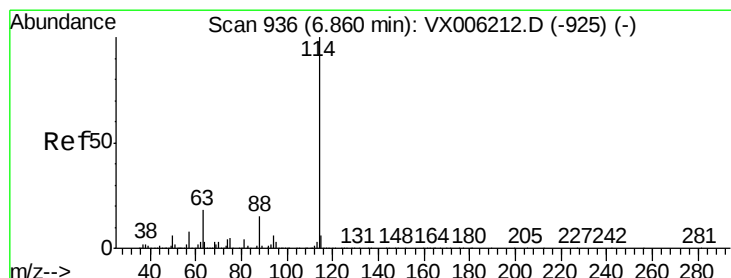
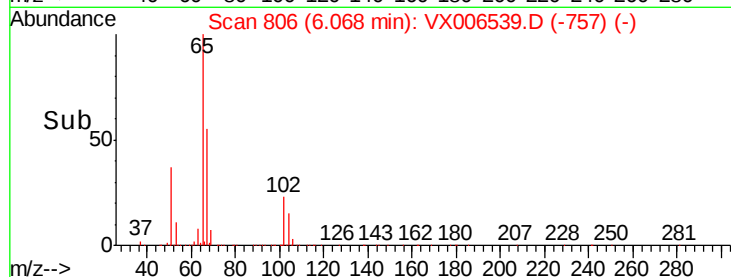
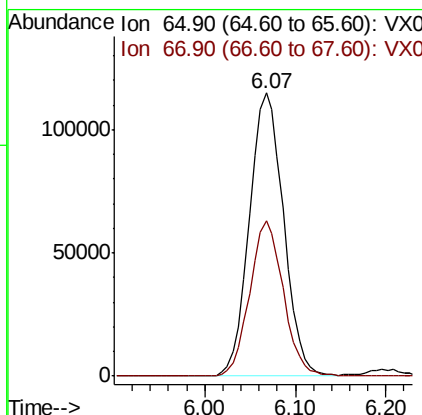
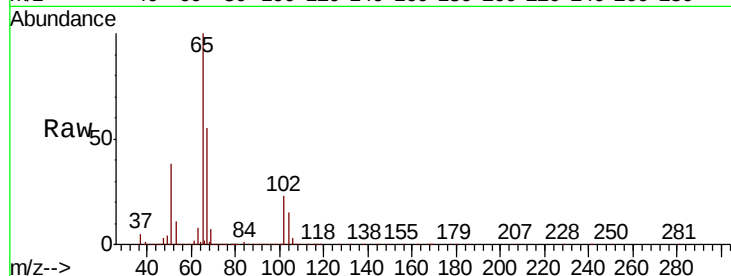




#33
 1,2-Dichloroethane-d4
 Concen: 54.080 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

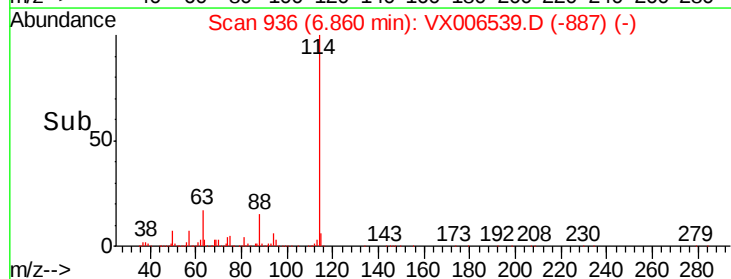
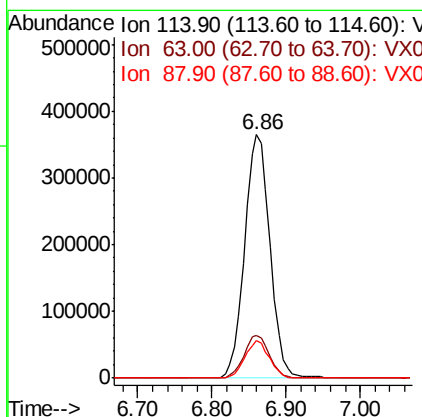
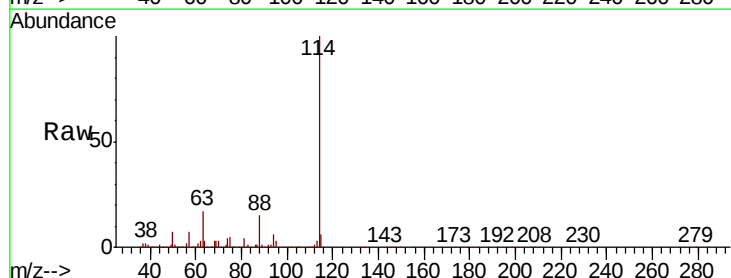
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 65 Resp: 299084
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion: 114 Resp: 870629
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.6
 88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.552 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampled :

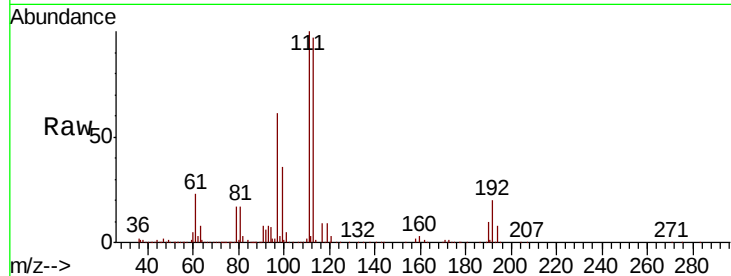
Tot Ion:113 Resp: 273689

Ion Ratio Lower Upper

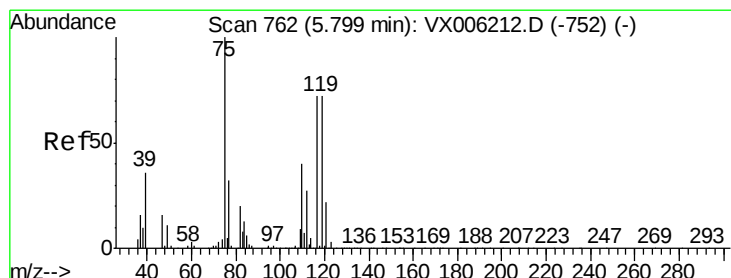
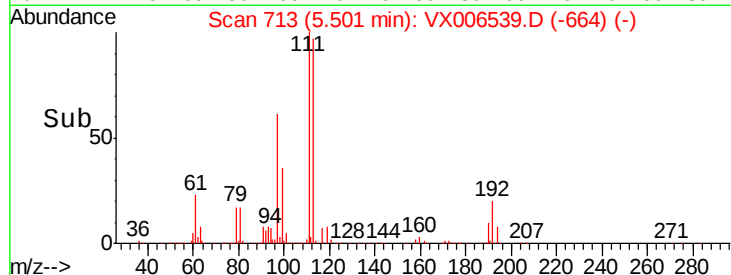
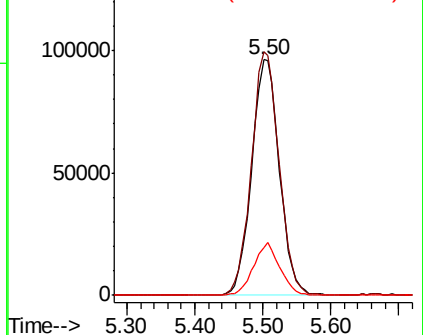
113 100

111 103.1 81.1 121.7

192 21.2 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: 21.206 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

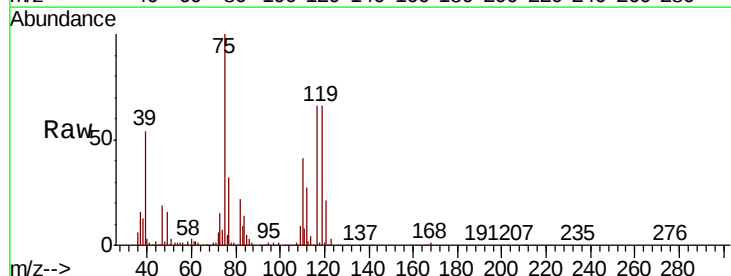
Tgt Ion: 75 Resp: 155470

Ion Ratio Lower Upper

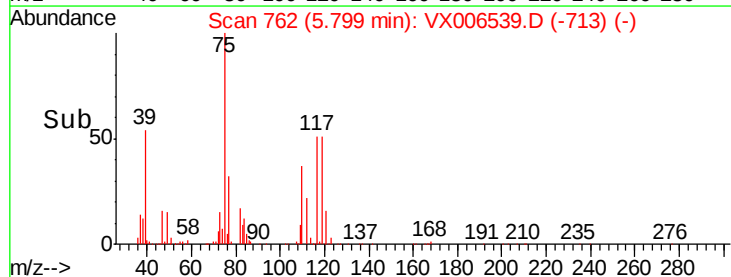
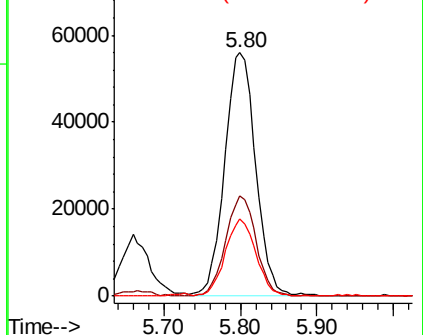
75 100

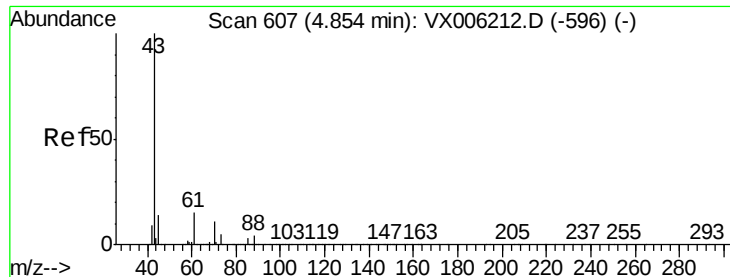
110 40.7 20.4 61.3

77 31.2 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

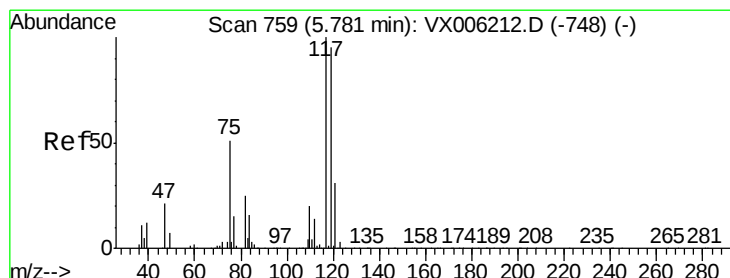
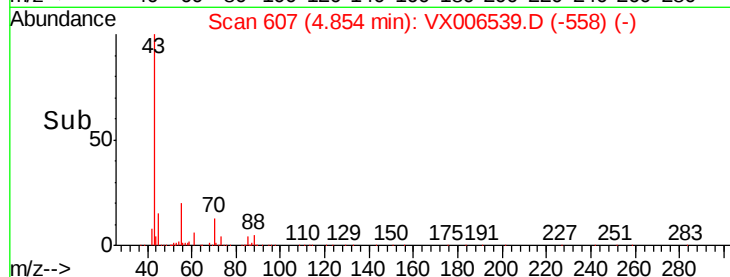
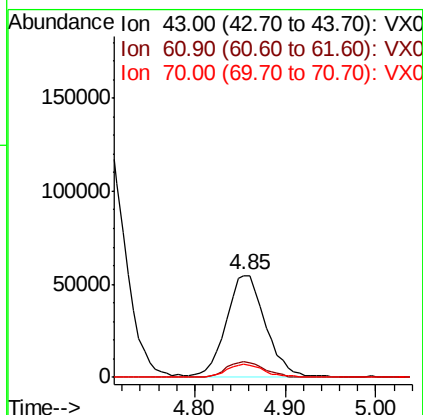
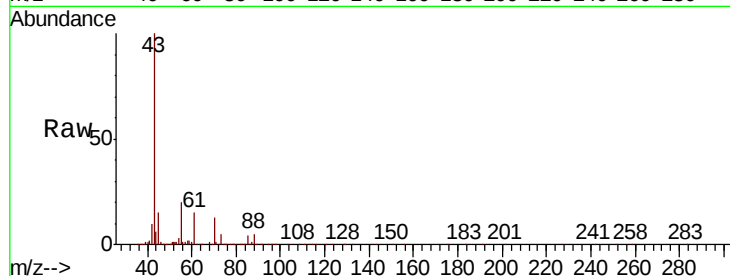




#37
Ethyl Acetate
Concen: 19.774 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

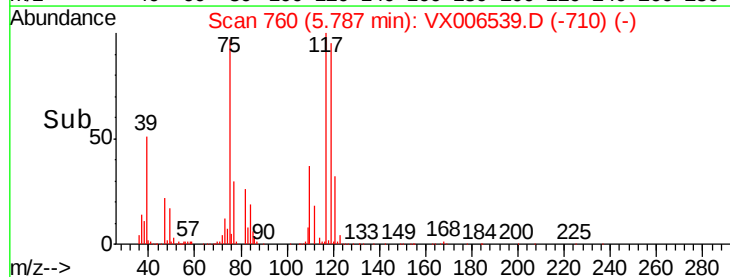
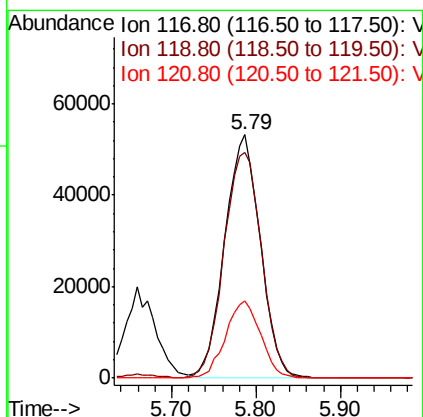
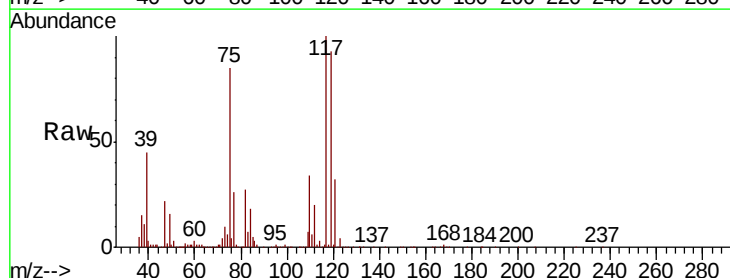
Instrument :
MSVOA_X
ClientSampleId :

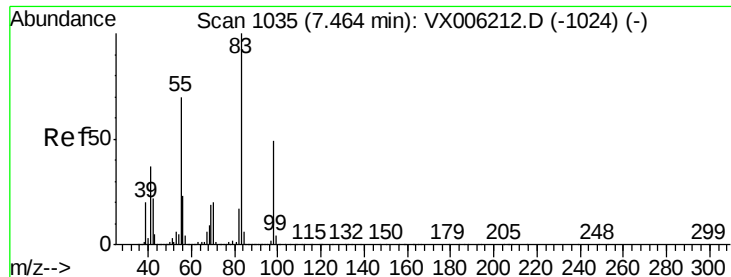
Tot Ion: 43 Resp: 162352
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 12.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.812 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 117 Resp: 153631
Ion Ratio Lower Upper
117 100
119 92.5 75.8 113.8
121 31.5 24.6 37.0

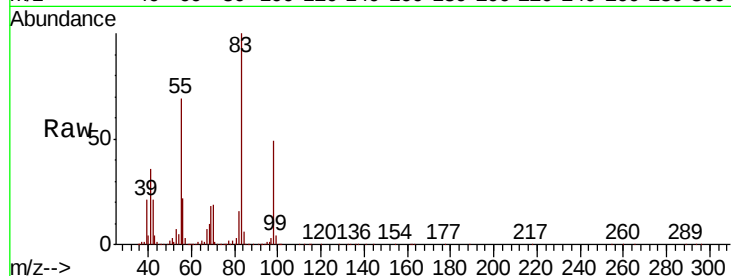




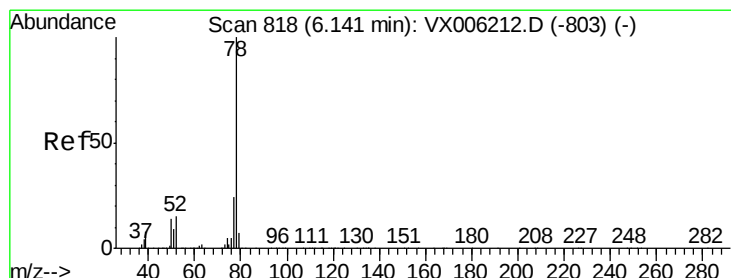
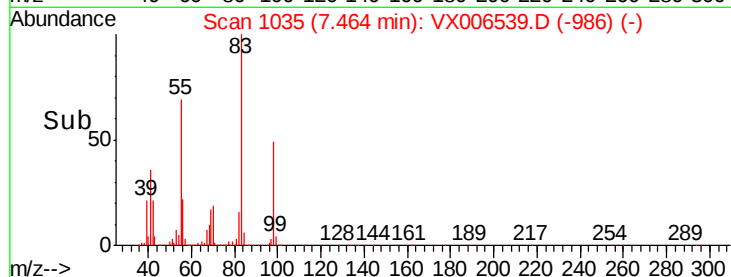
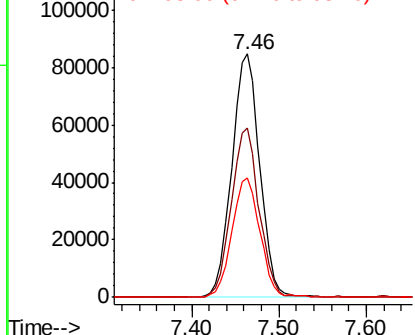
#39
Methvlcvclohexane
Concen: 19.810 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 188522
Ion Ratio Lower Upper
83 100
55 69.2 56.4 84.6
98 48.9 39.0 58.6

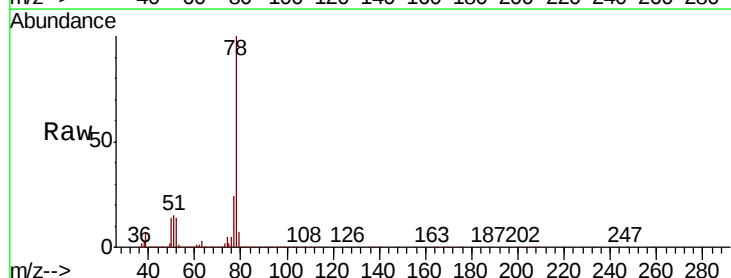


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

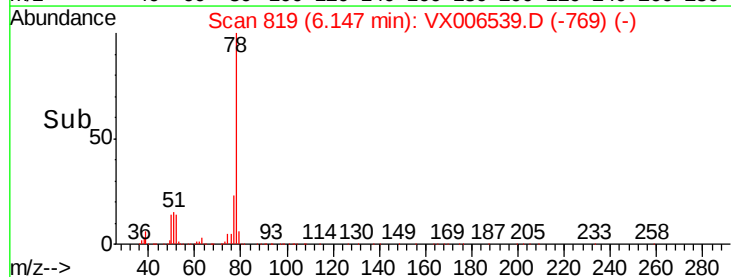
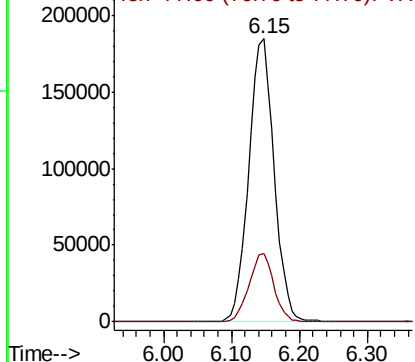


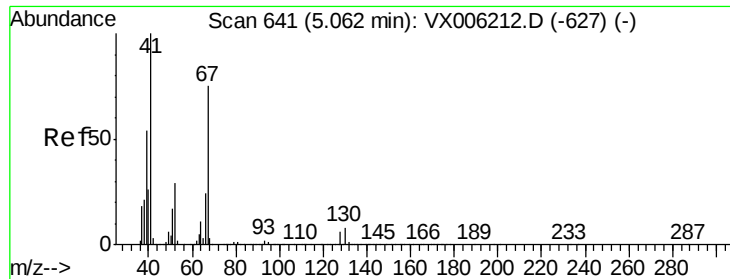
#40
Benzene
Concen: 21.884 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 78 Resp: 480535
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



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

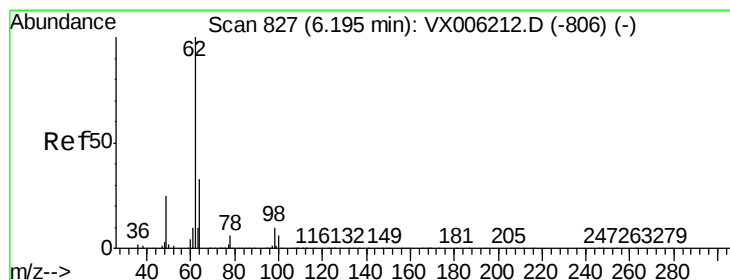
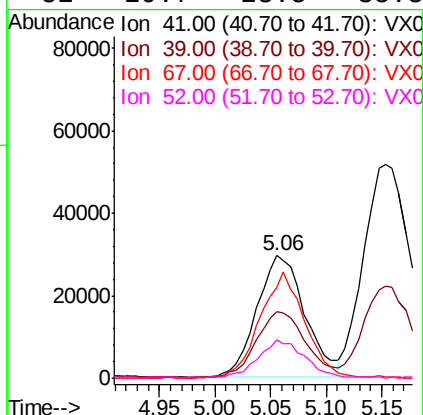
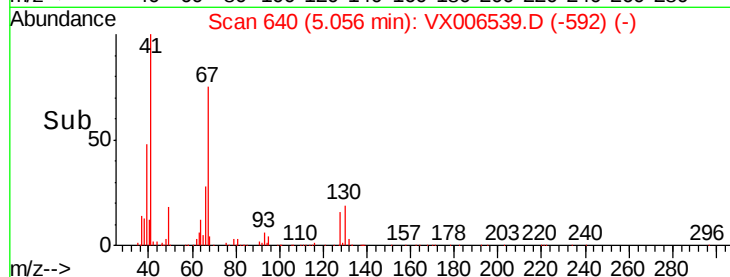
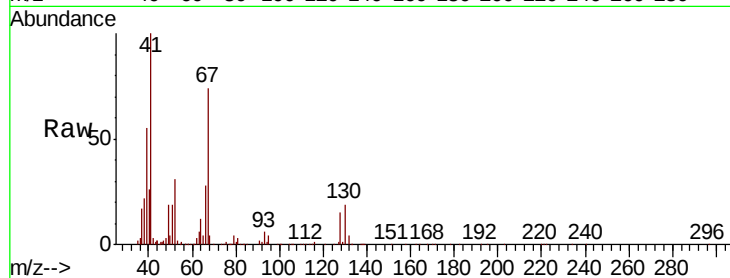




#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

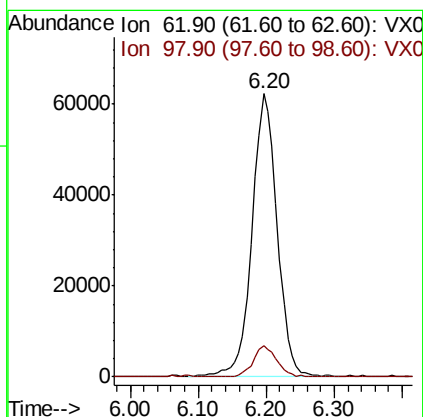
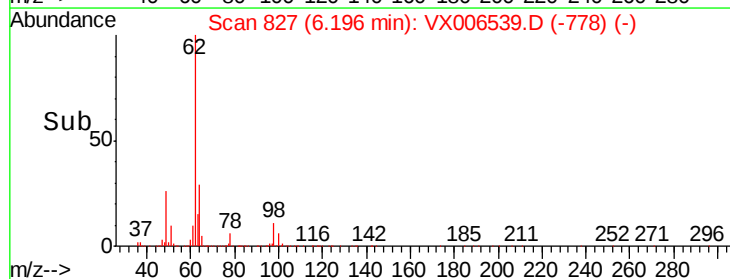
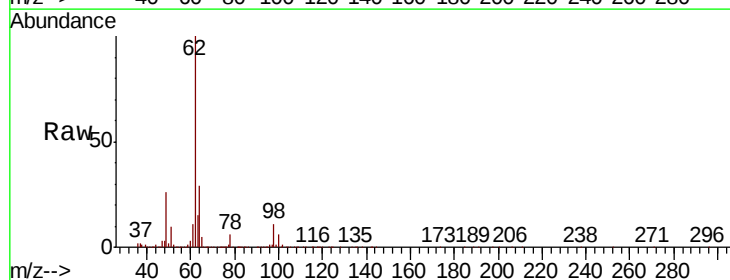
Instrument :
MSVOA_X
ClientSampled :

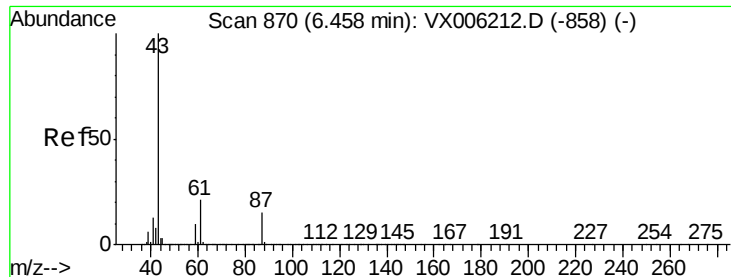
Tot Ion:	41	Resp:	89205
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.0	66.0
67	80.8	61.4	92.0
52	29.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 22.111 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion:	62	Resp:	158902
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2



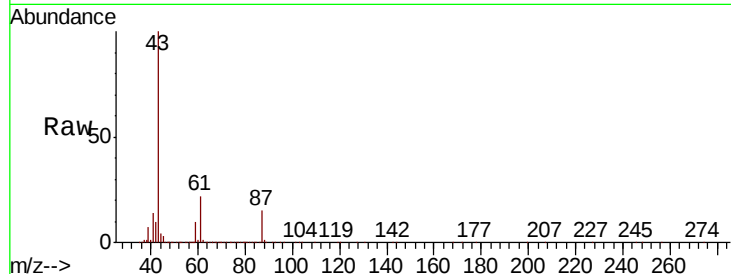


#43

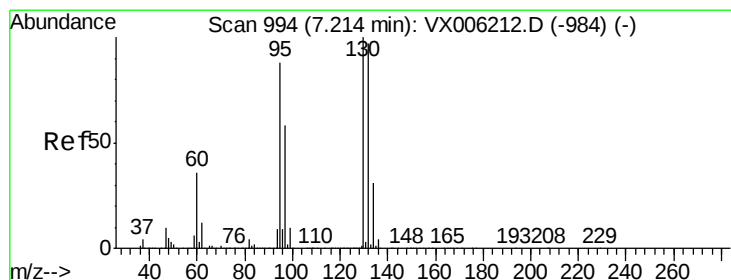
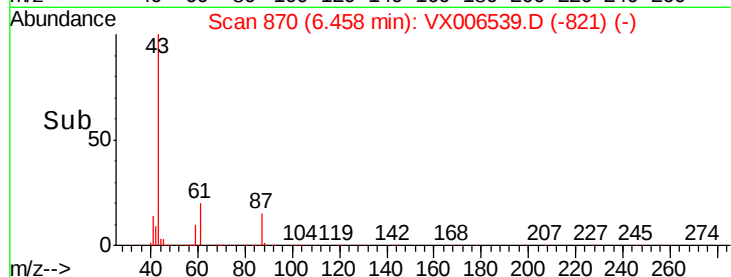
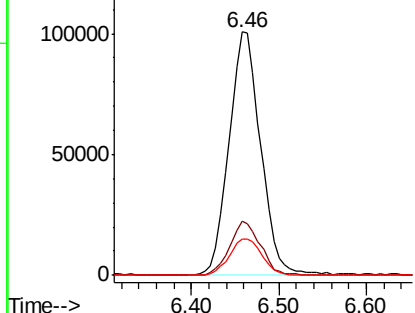
Isopropyl Acetate
 Concen: 18.461 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	15.7	11.9	17.9



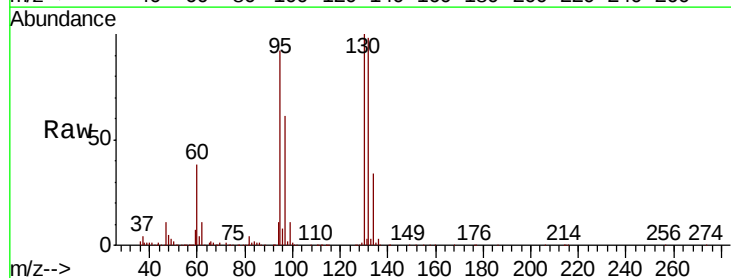
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



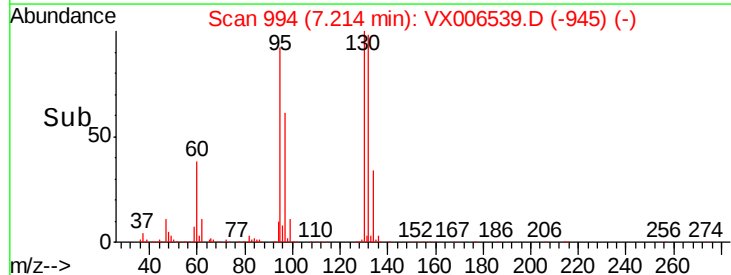
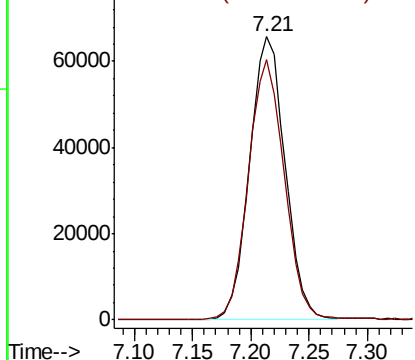
#44

Trichloroethene
 Concen: 21.018 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.904 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

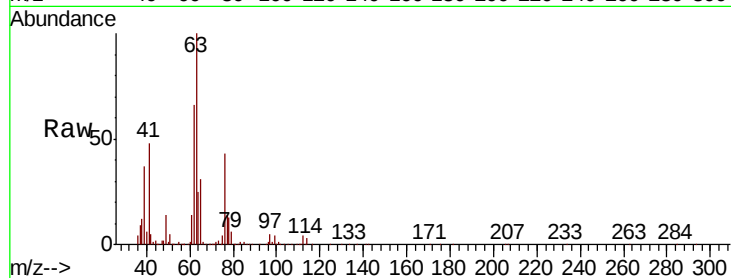
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 116665

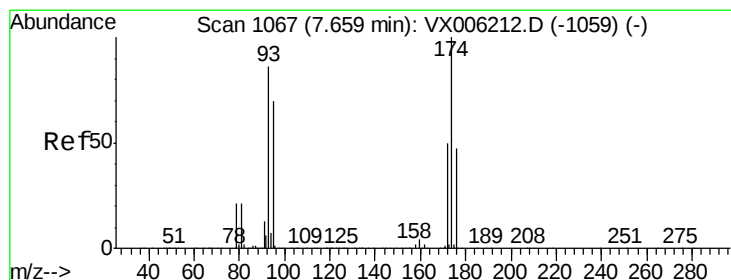
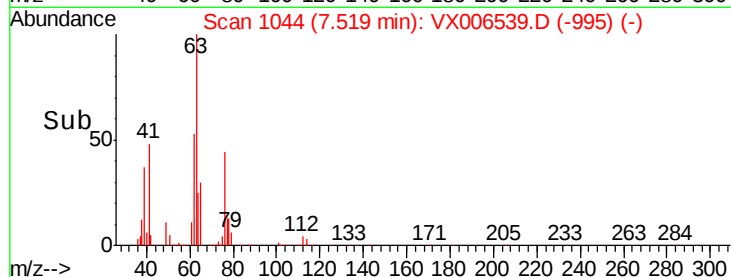
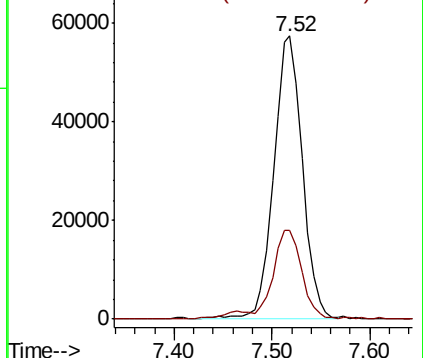
Ion Ratio Lower Upper

63 100

65 31.4 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: 21.351 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

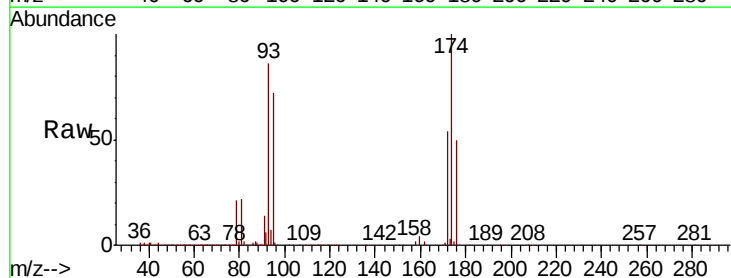
Tgt Ion: 93 Resp: 86058

Ion Ratio Lower Upper

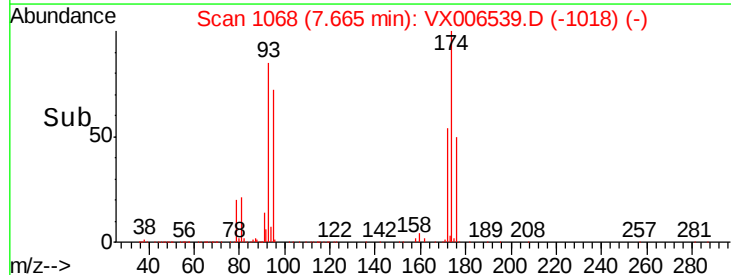
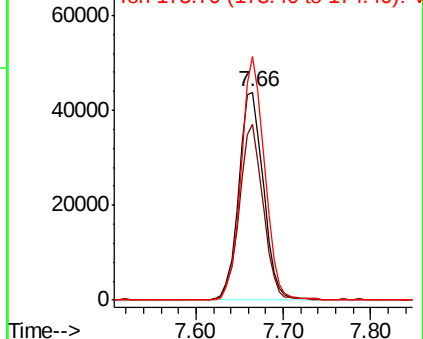
93 100

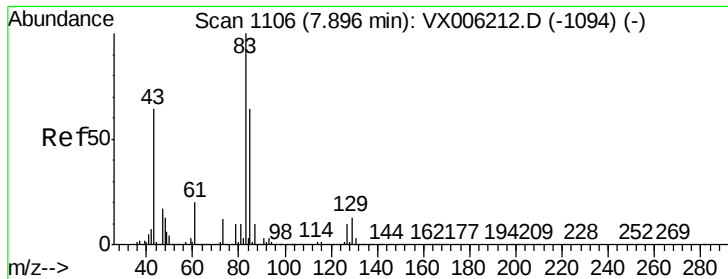
95 81.5 66.2 99.4

174 110.8 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: 17.763 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampled :

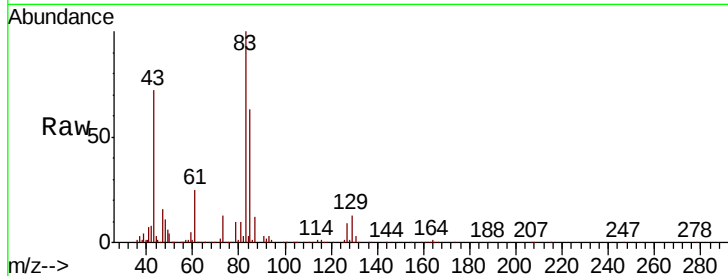
Tot Ion: 83 Resp: 138648

Ion Ratio Lower Upper

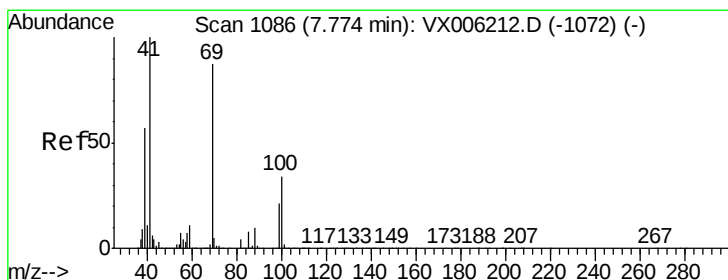
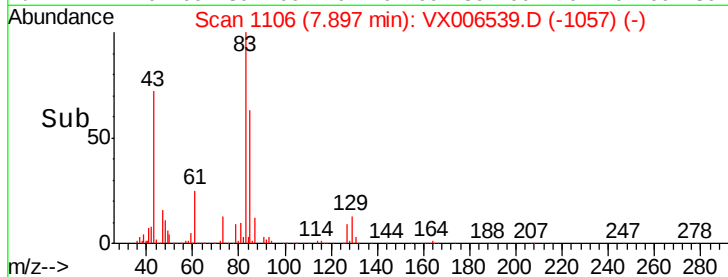
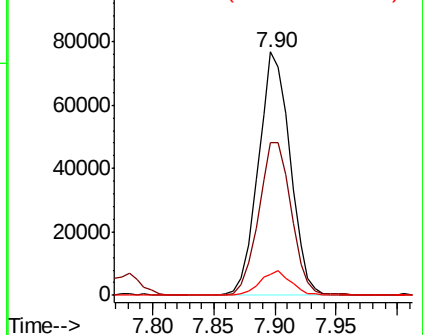
83 100

85 62.6 51.4 77.0

127 8.6 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: 19.417 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

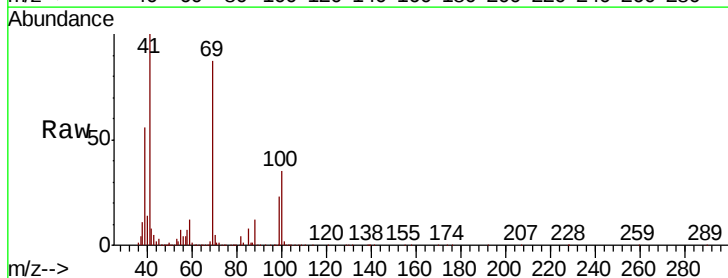
Tgt Ion: 41 Resp: 129312

Ion Ratio Lower Upper

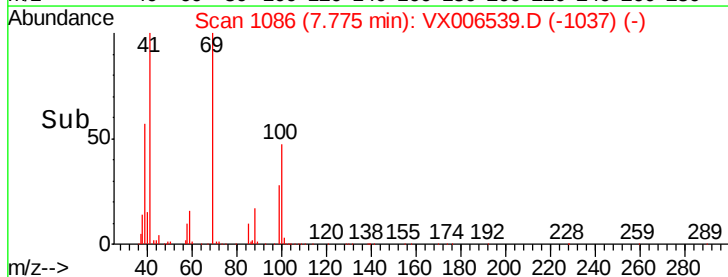
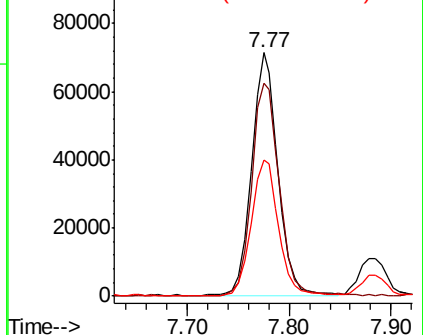
41 100

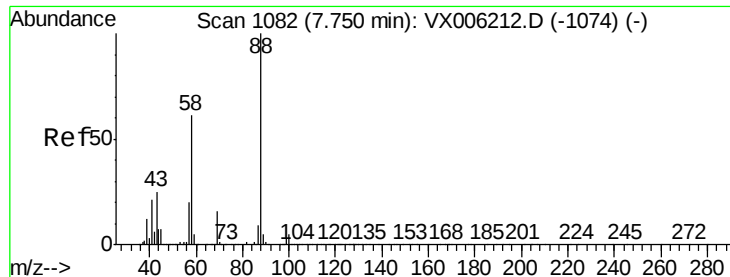
69 91.7 70.3 105.5

39 56.9 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: 432.453 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

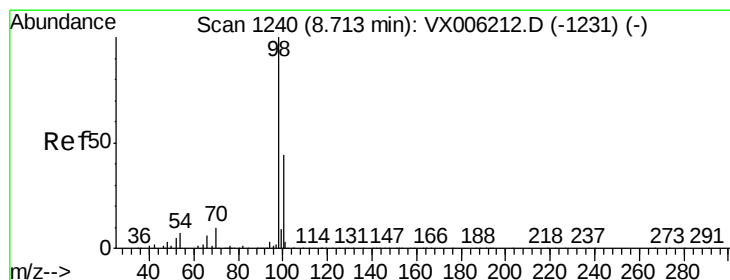
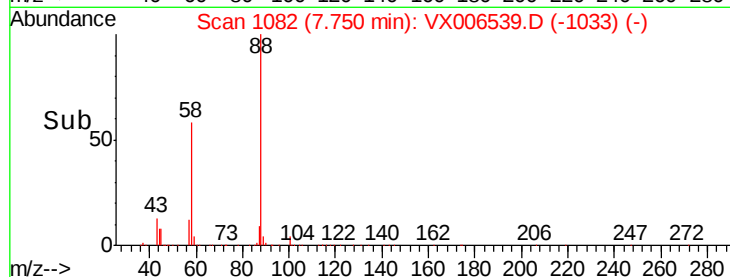
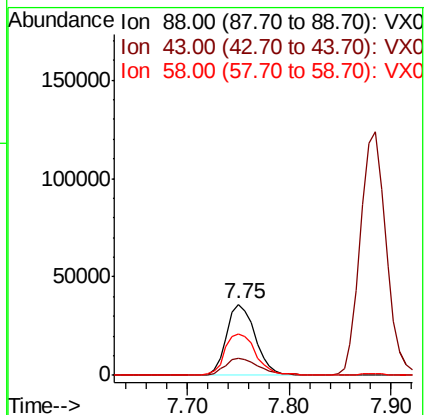
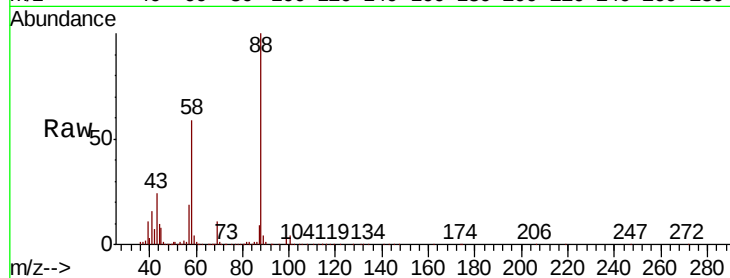
Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 70981

Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.2	34.8
58	62.7	51.4	77.0



#50

Toluene-d8

Concen: 49.503 ug/l

RT: 8.71 min Scan# 1240

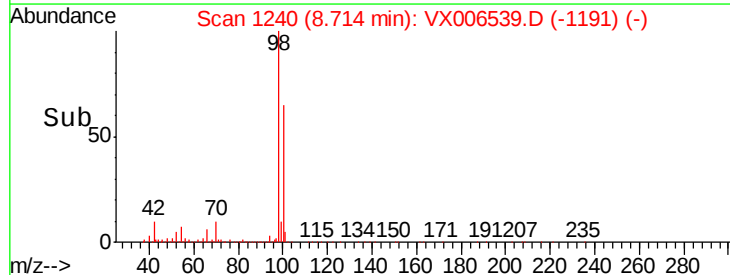
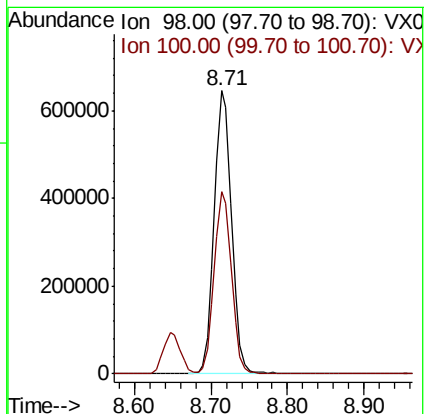
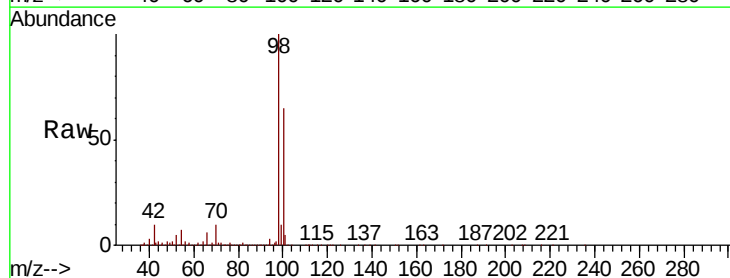
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion: 98 Resp: 1015006

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 102.372 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

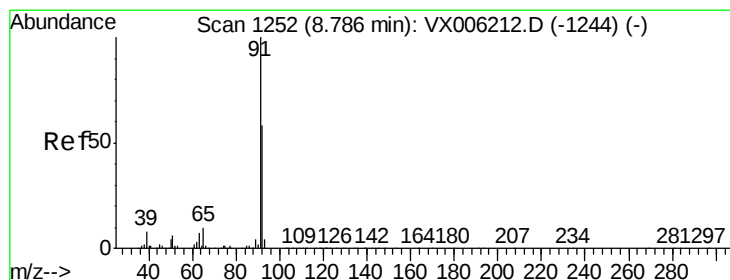
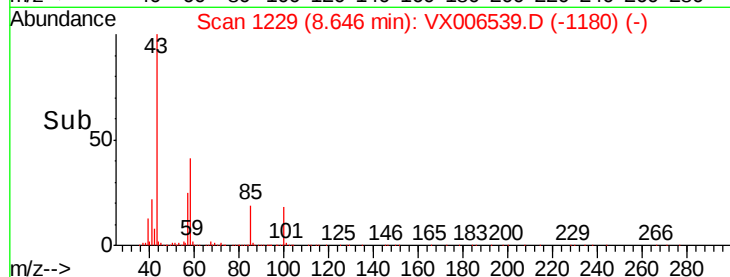
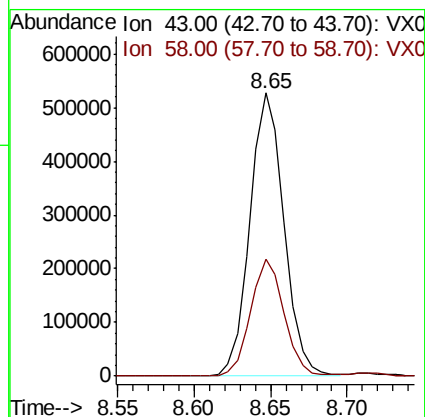
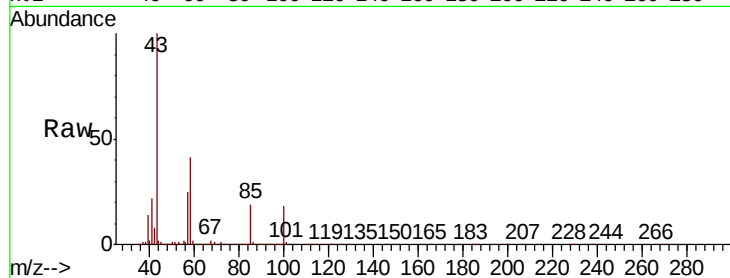
ClientSampleId :

Tot Ion: 43 Resp: 815810

Ion Ratio Lower Upper

43 100

58 40.7 31.3 46.9



#52

Toluene

Concen: 21.855 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006539.D

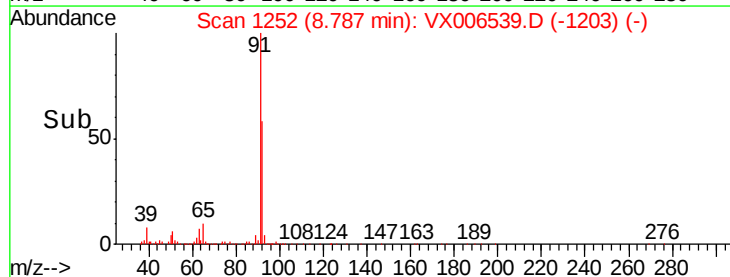
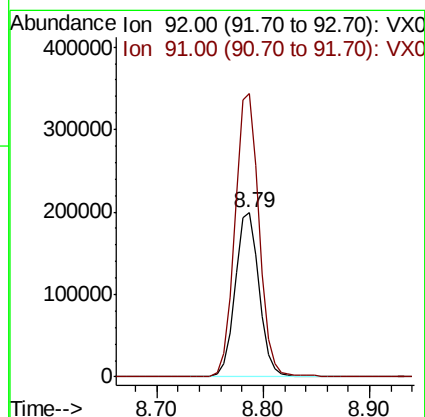
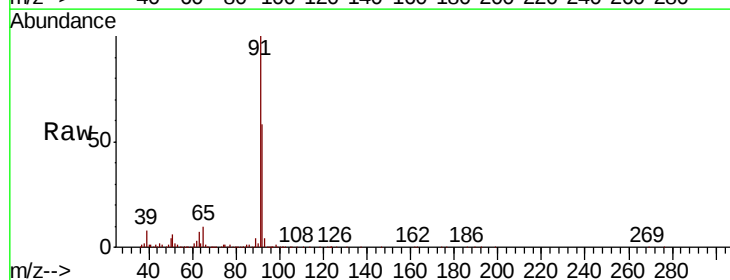
Acq: 15 Dec 2018 03:00

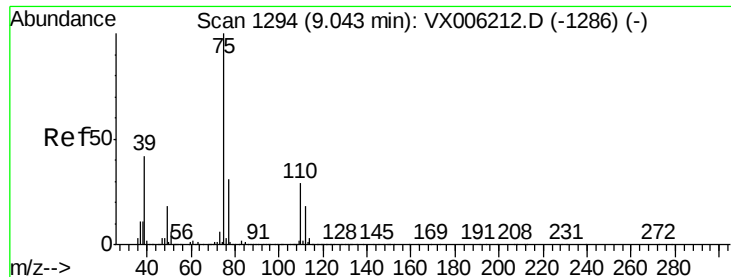
Tgt Ion: 92 Resp: 315728

Ion Ratio Lower Upper

92 100

91 173.6 139.2 208.8

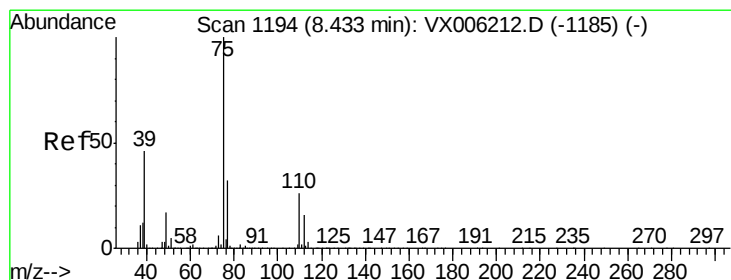
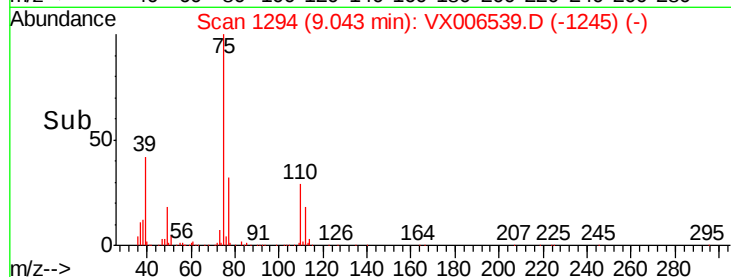
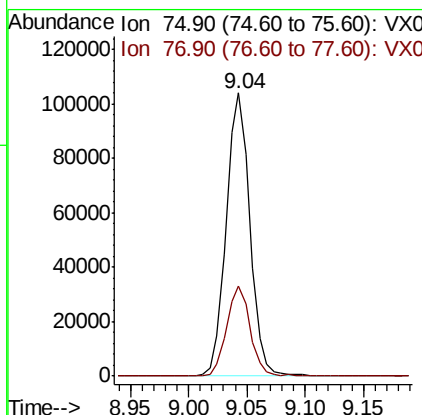
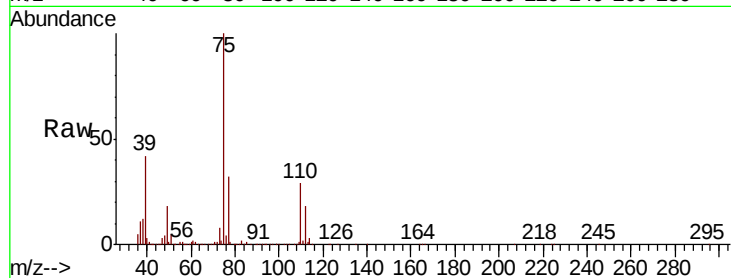




#53
 t-1,3-Dichloropropene
 Concen: 16.113 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

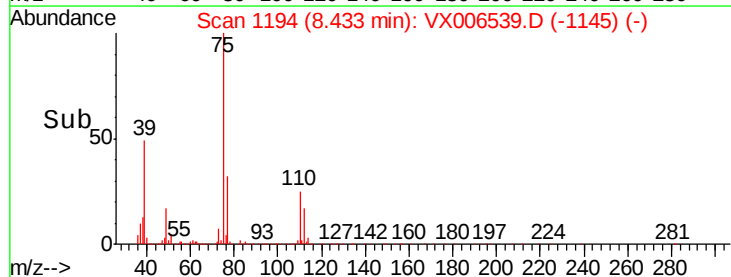
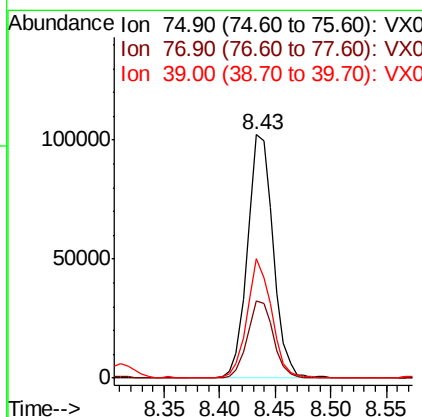
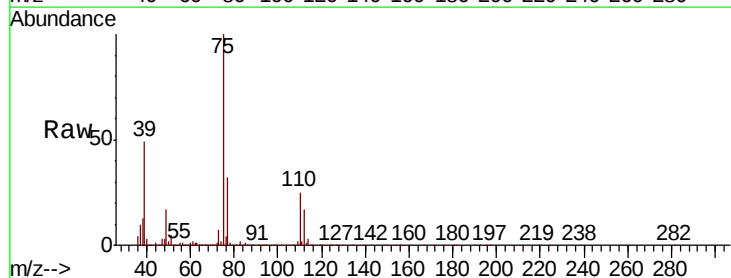
Instrument :
 MSVOA_X
 ClientSampleId :

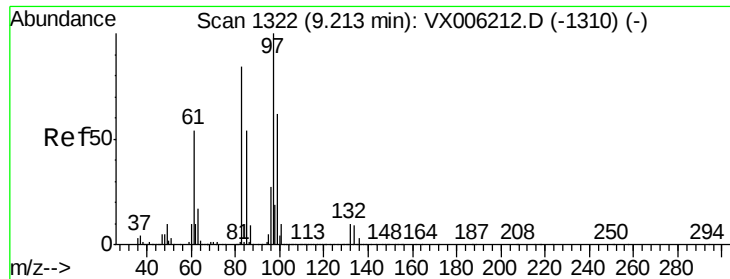
Tot Ion: 75 Resp: 147086
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 17.403 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion: 75 Resp: 164956
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 48.6 36.5 54.7

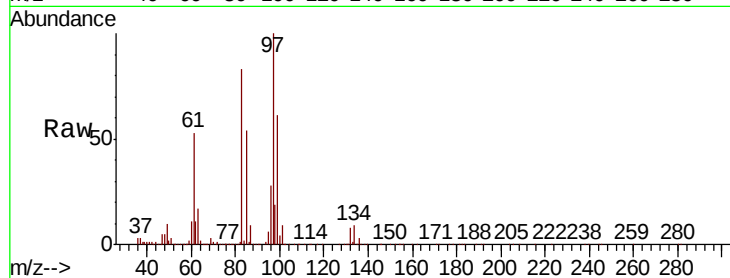




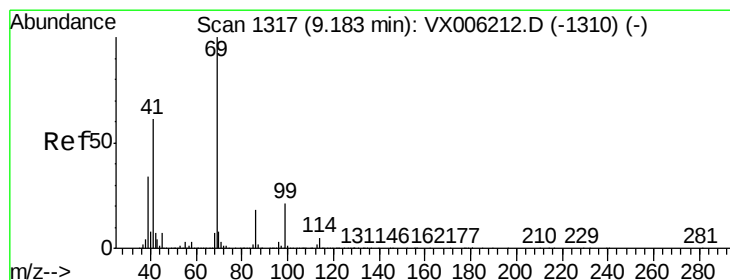
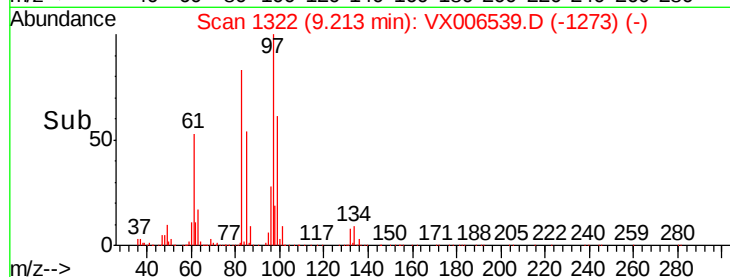
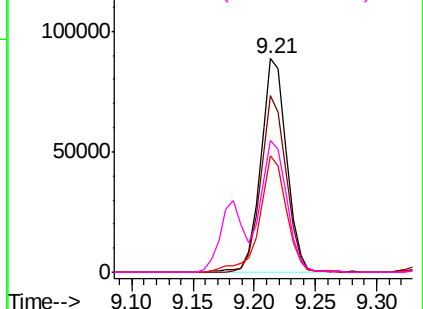
#55
 1,1,2-Trichloroethane
 Concen: 22.276 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	130736
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.1	100.7
85	54.2	43.2	64.8
99	61.4	49.8	74.6

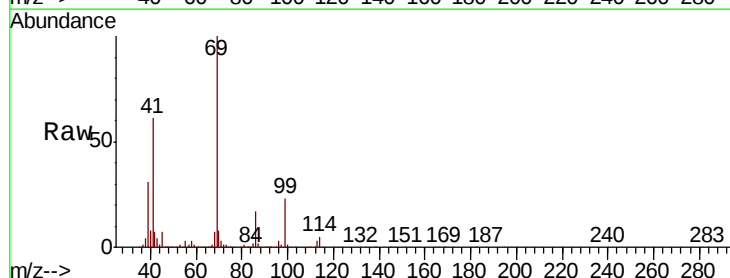


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

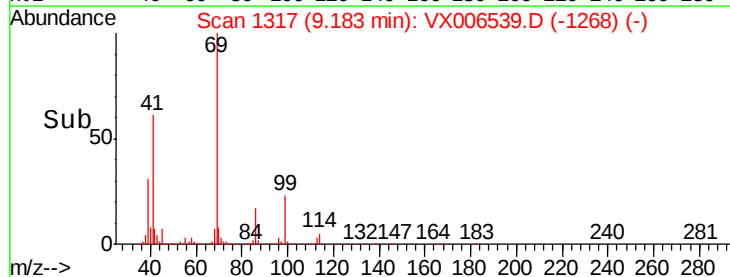
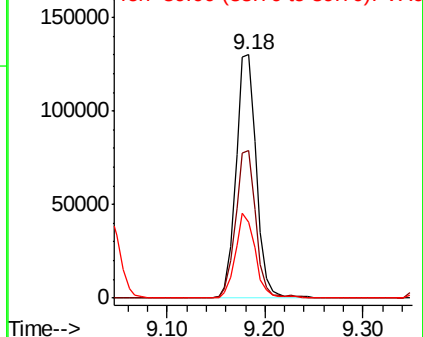


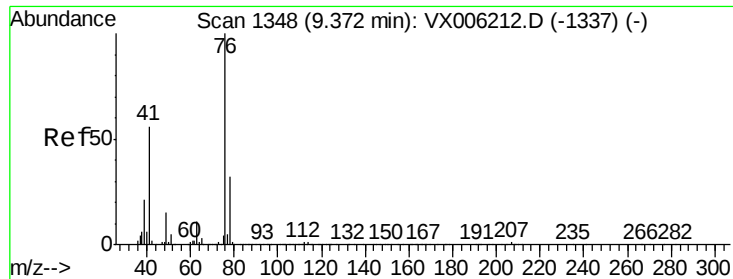
#56
 Ethyl methacrylate
 Concen: 20.421 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion:	69	Resp:	187362
Ion	Ratio	Lower	Upper
69	100		
41	59.6	50.6	76.0
39	33.5	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: 22.137 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

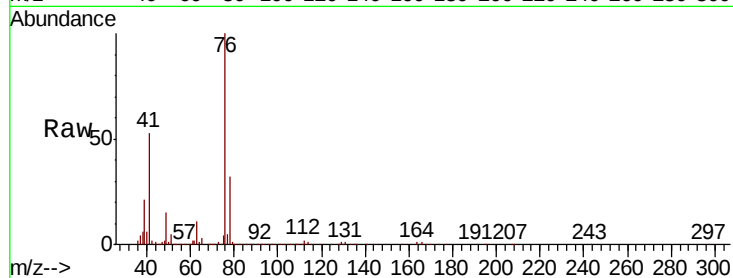
ClientSampleId :

Tot Ion: 76 Resp: 205445

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

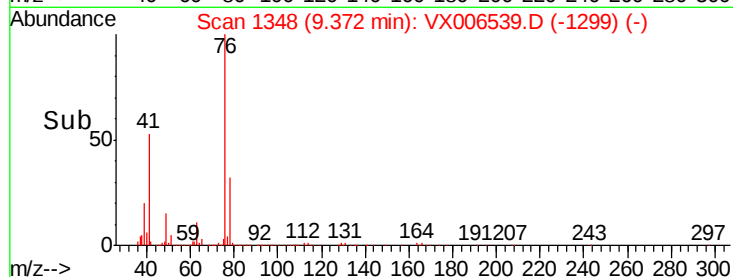
150000

100000

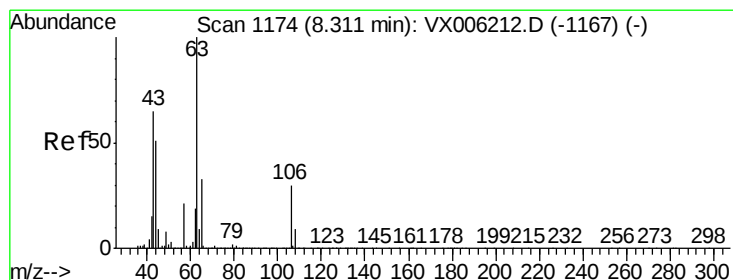
50000

0

9.30 9.35 9.40 9.45



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.414 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006539.D

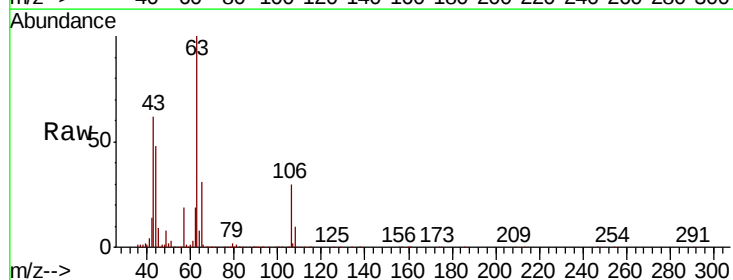
Acq: 15 Dec 2018 03:00

Tgt Ion: 63 Resp: 448900

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

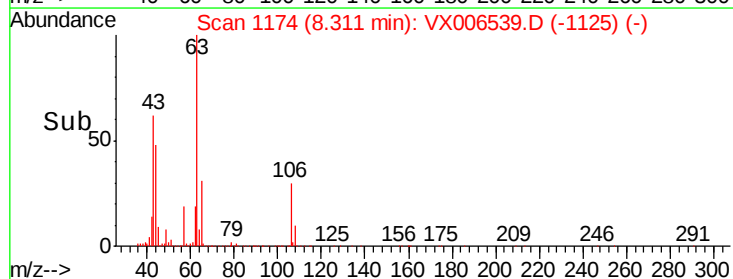
300000

200000

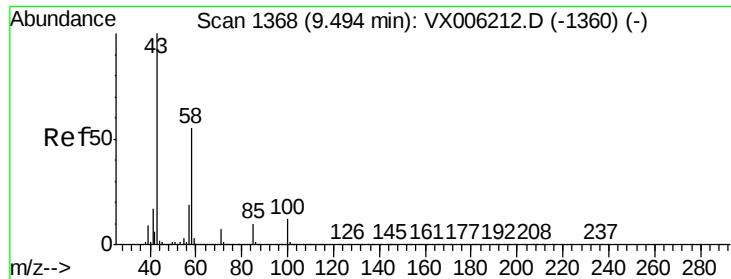
100000

0

8.20 8.30 8.40



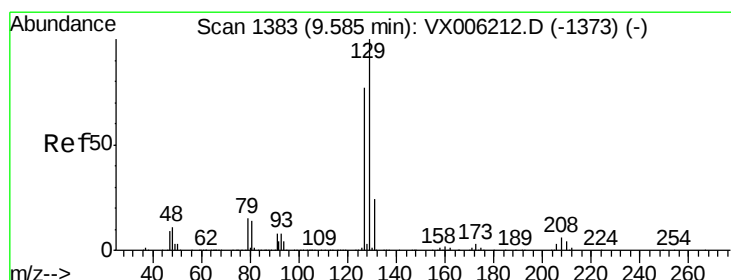
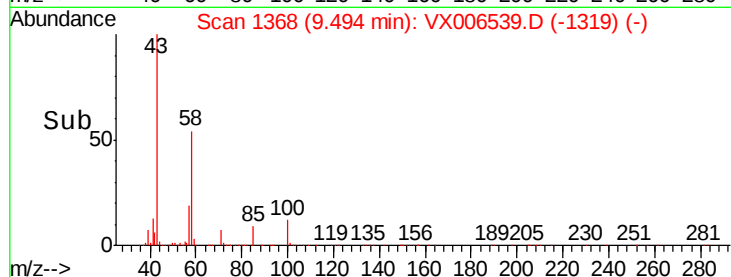
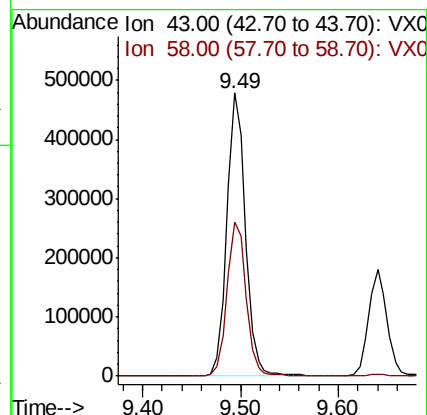
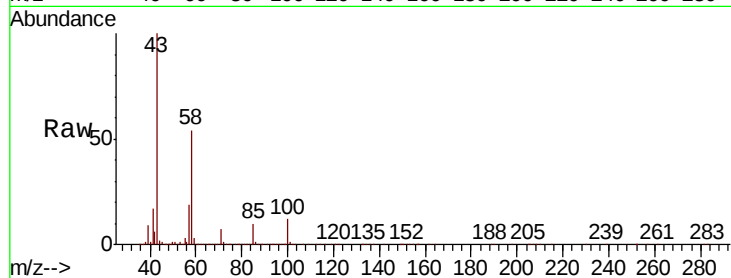
Time-->



#59
2-Hexanone
Concen: 103.459 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

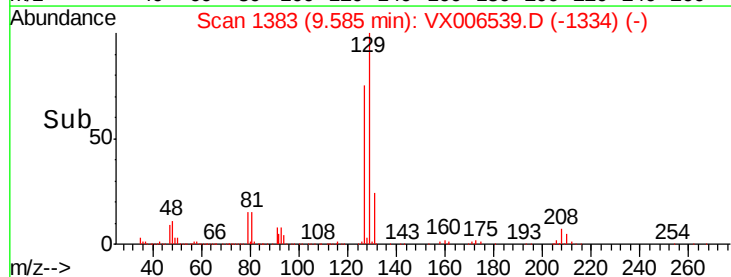
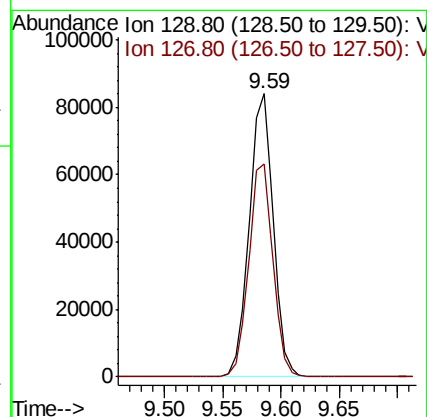
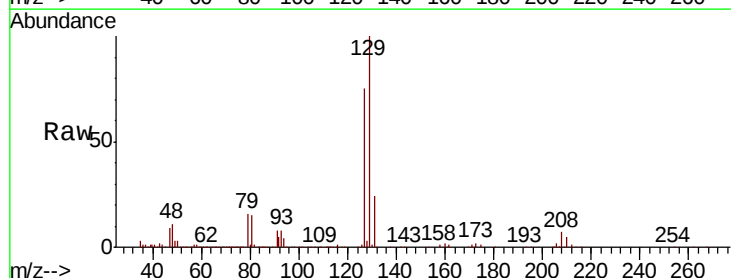
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 629896
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 16.777 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion:129 Resp: 121415
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.291 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

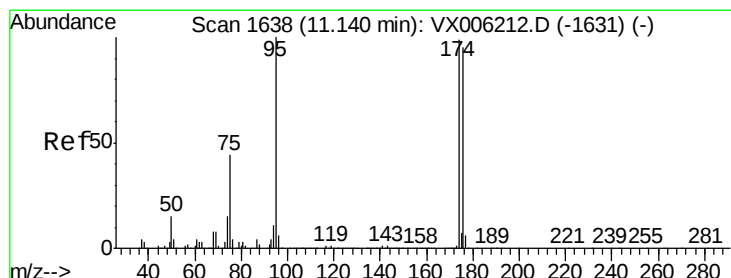
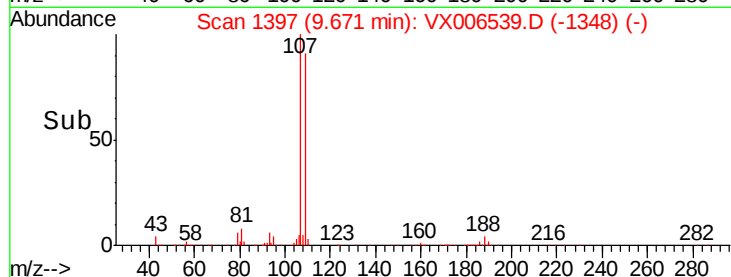
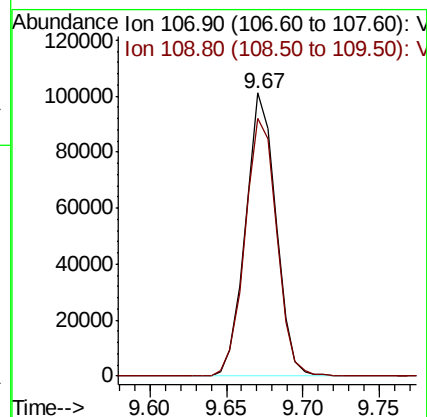
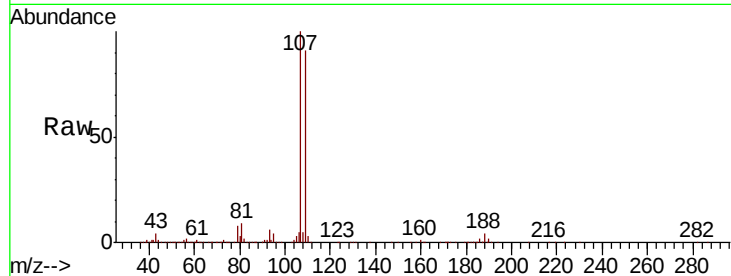
ClientSampleId :

Tot Ion:107 Resp: 139720

Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 50.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

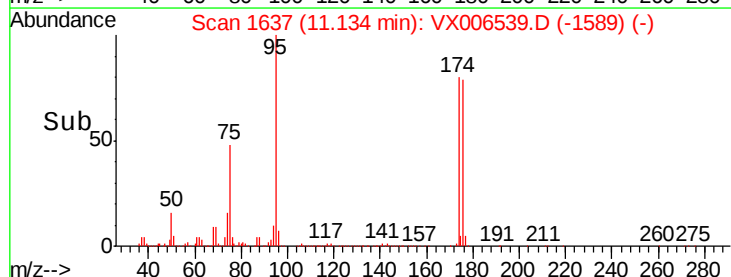
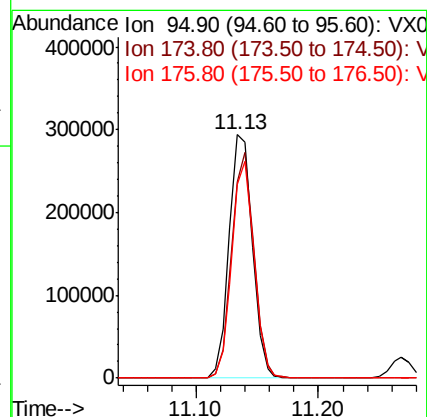
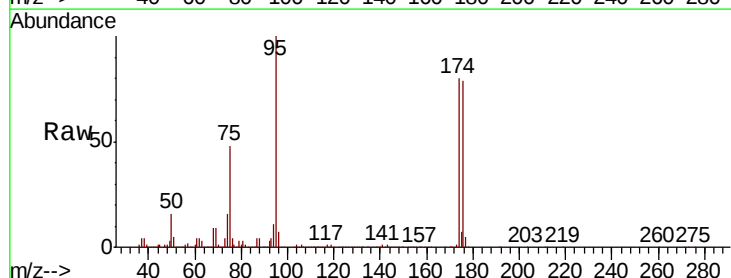
Tgt Ion: 95 Resp: 388160

Ion Ratio Lower Upper

95 100

174 88.6 0.0 187.0

176 85.2 0.0 181.8

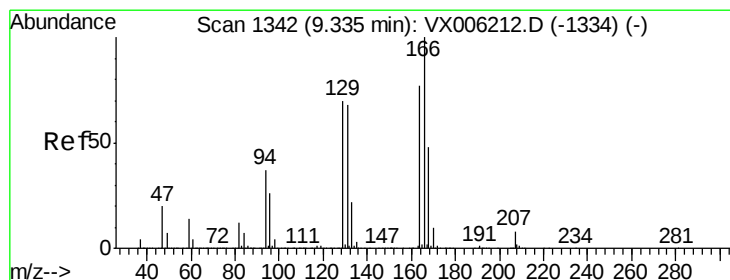
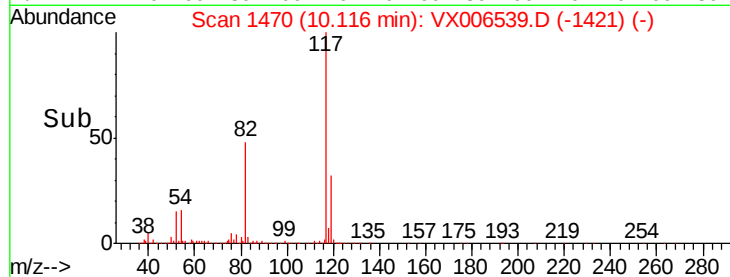
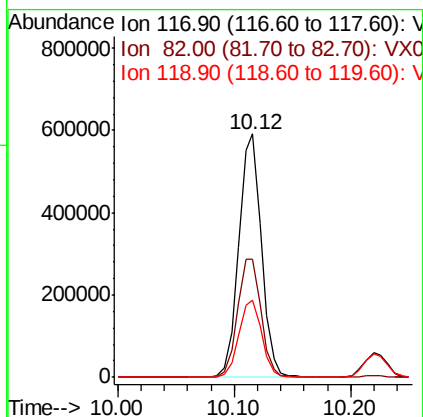
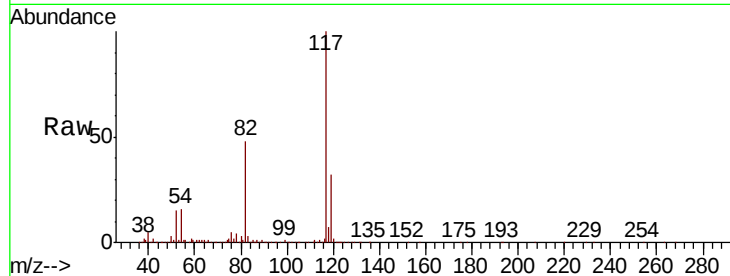




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

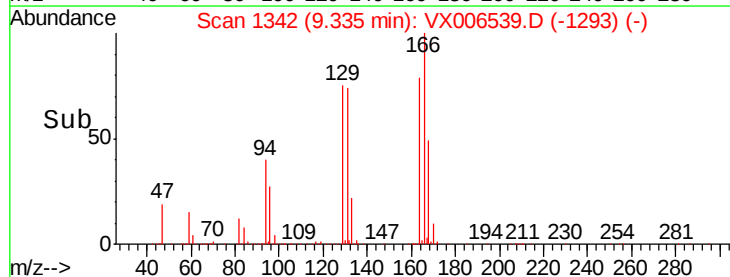
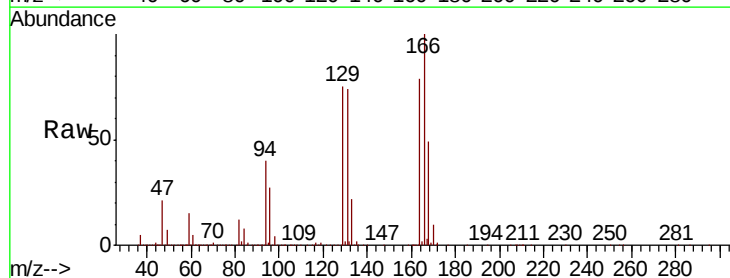
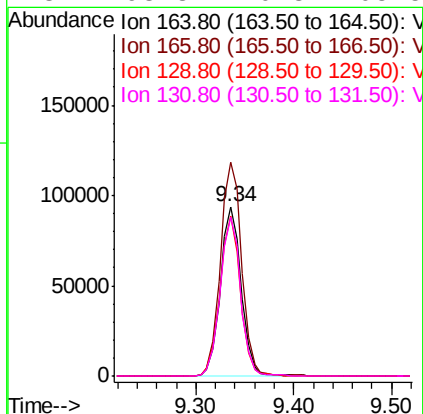
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	39.6	59.4
119	31.6	26.3	39.5



#64
Tetrachloroethene
Concen: 22.833 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.2	156.2
129	94.0	72.6	108.8
131	93.3	70.3	105.5

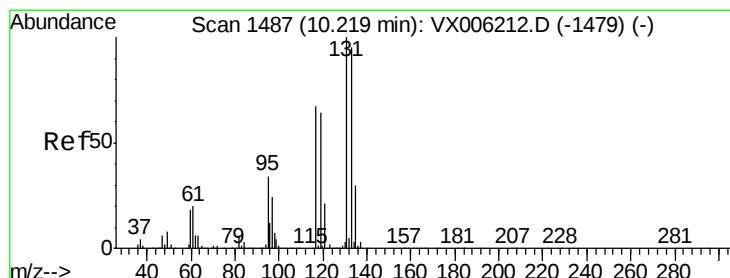
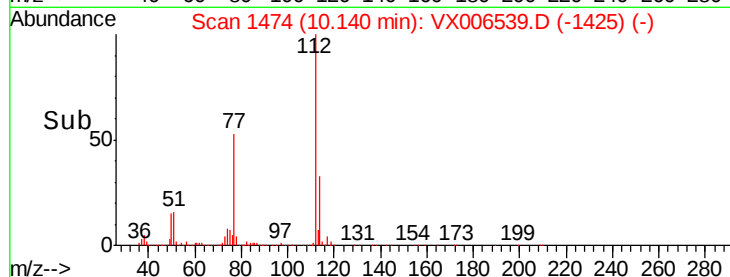
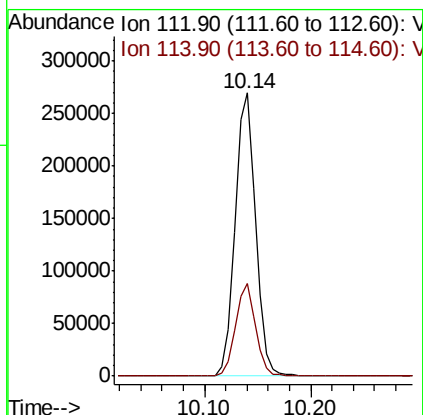
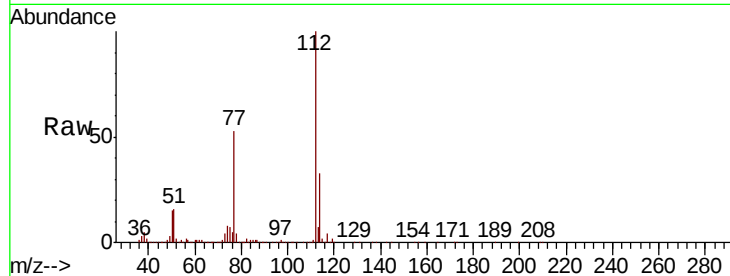




#65
Chlorobenzene
Concen: 21.528 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

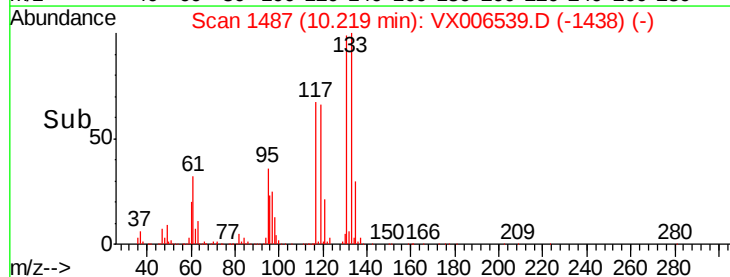
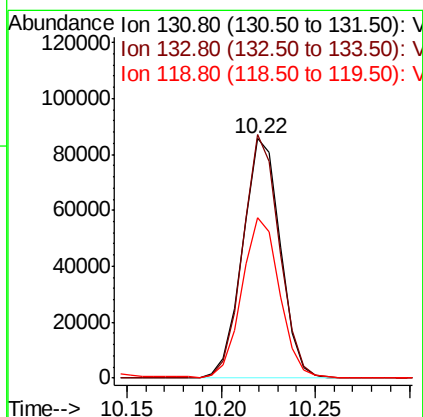
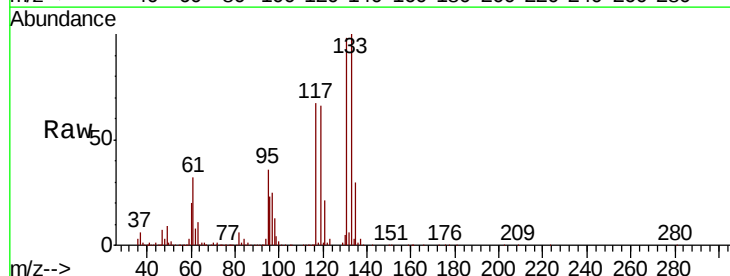
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 365960
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.968 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion:131 Resp: 118674
Ion Ratio Lower Upper
131 100
133 98.7 48.1 144.4
119 66.9 32.1 96.3





#67

Ethyl Benzene

Concen: 21.344 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

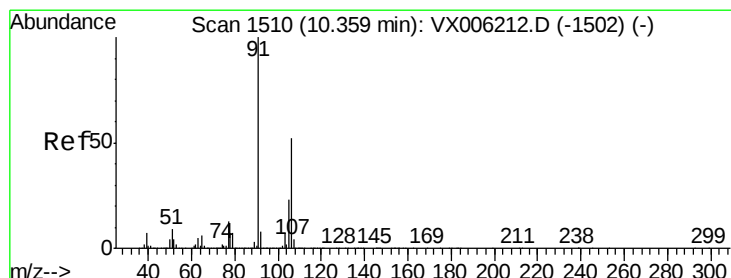
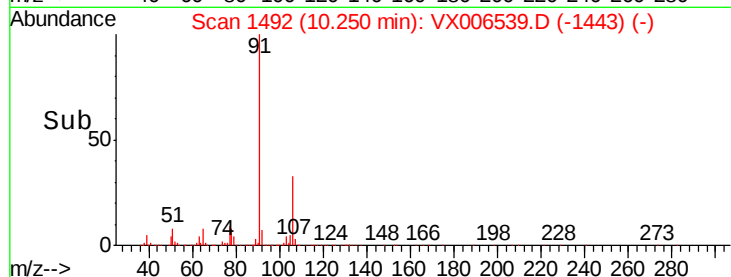
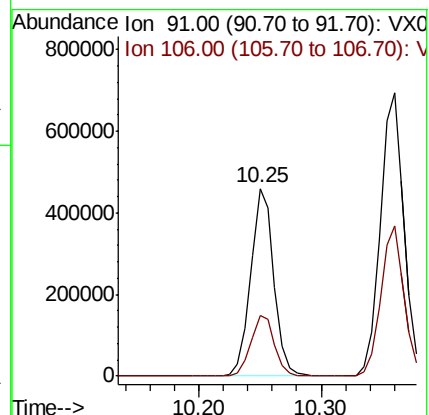
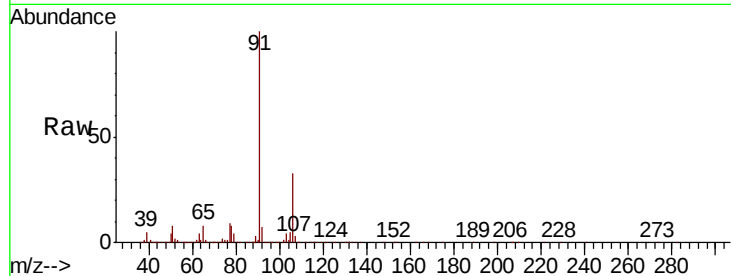
ClientSampleId :

Tot Ion: 91 Resp: 603456

Ion Ratio Lower Upper

91 100

106 32.6 26.5 39.7



#68

m/p-Xylenes

Concen: 42.946 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006539.D

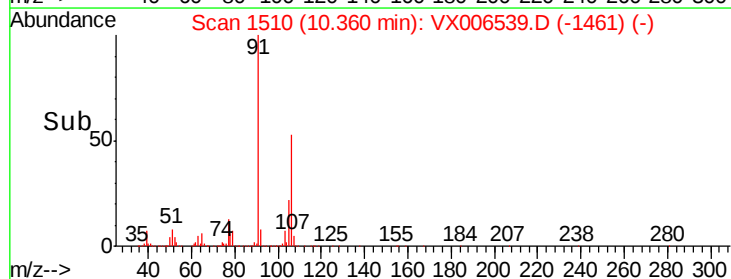
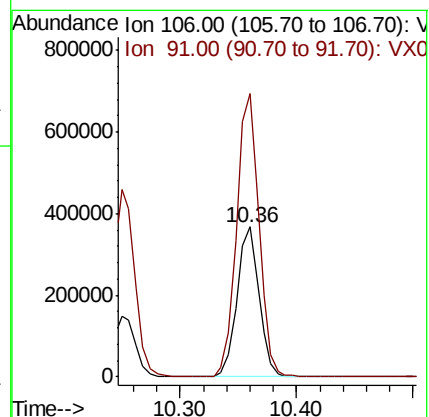
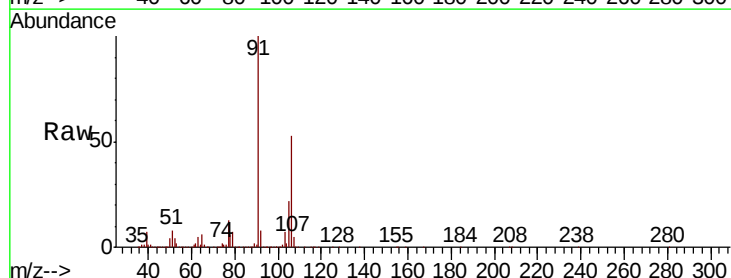
Acq: 15 Dec 2018 03:00

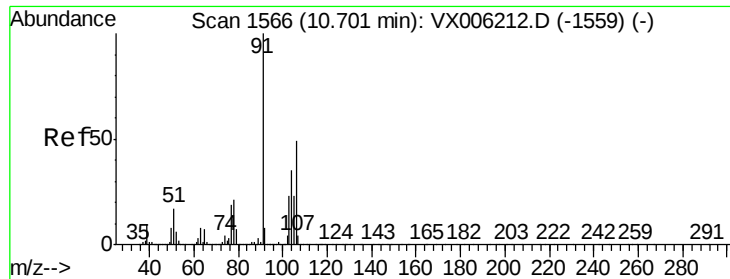
Tgt Ion: 106 Resp: 486374

Ion Ratio Lower Upper

106 100

91 190.8 155.2 232.8

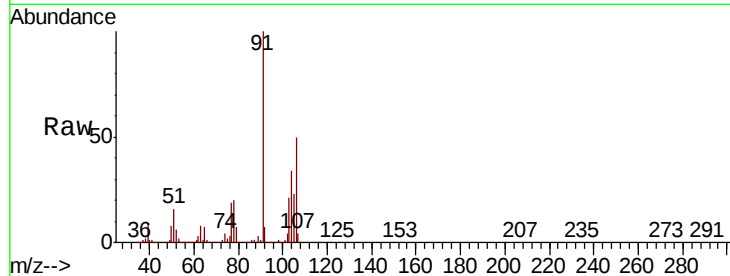




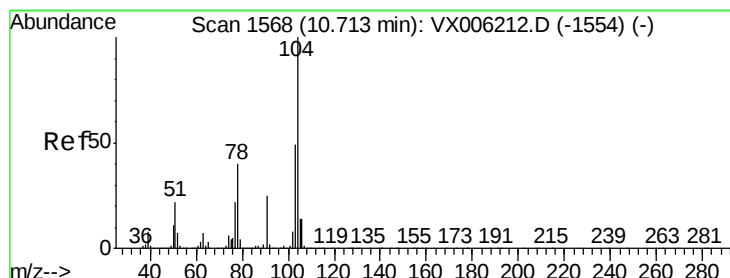
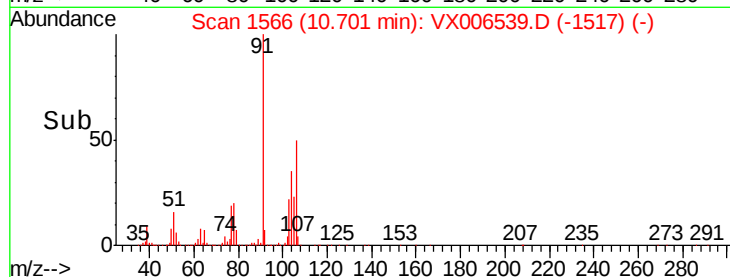
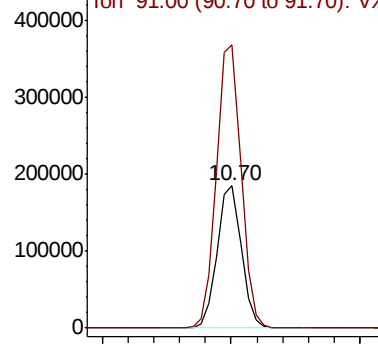
#69
o-Xylene
Concen: 21.401 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 239405
Ion Ratio Lower Upper
106 100
91 203.3 101.8 305.6

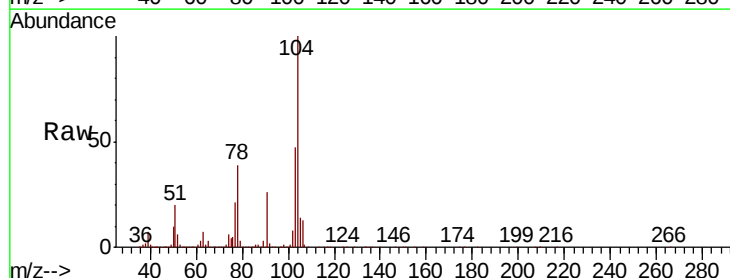


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

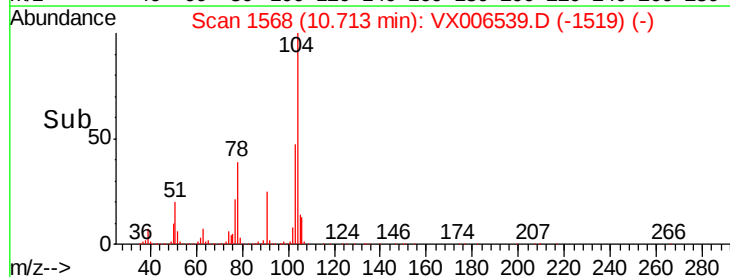
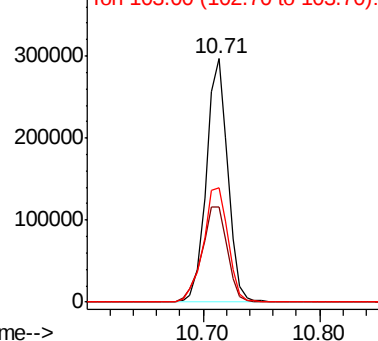


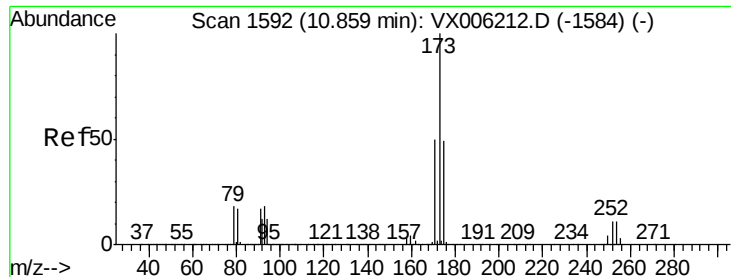
#70
Styrene
Concen: 21.070 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion:104 Resp: 381212
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 54.6 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 13.623 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

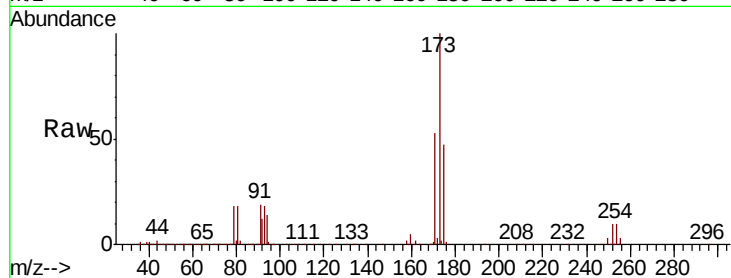
Tot Ion:173 Resp: 84936

Ion Ratio Lower Upper

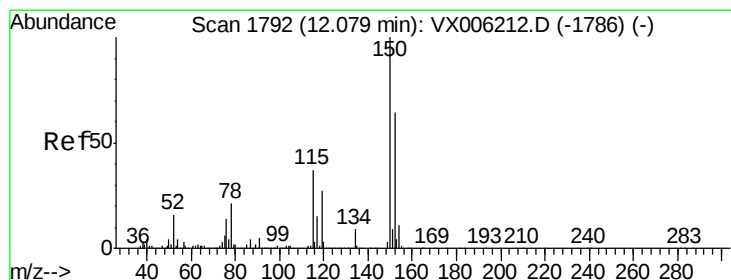
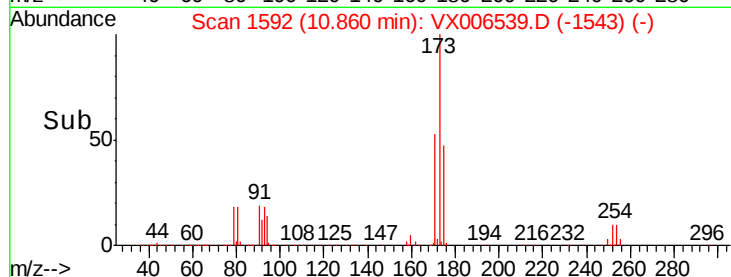
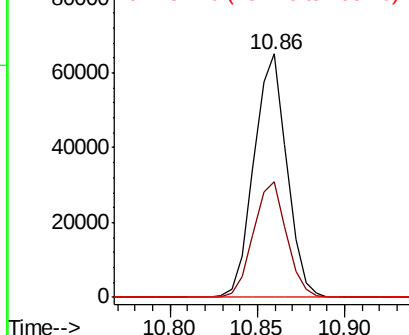
173 100

175 47.9 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: VX006539.D

Acq: 15 Dec 2018 03:00

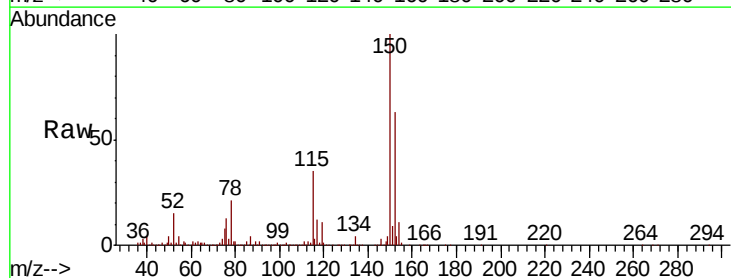
Tgt Ion:152 Resp: 413527

Ion Ratio Lower Upper

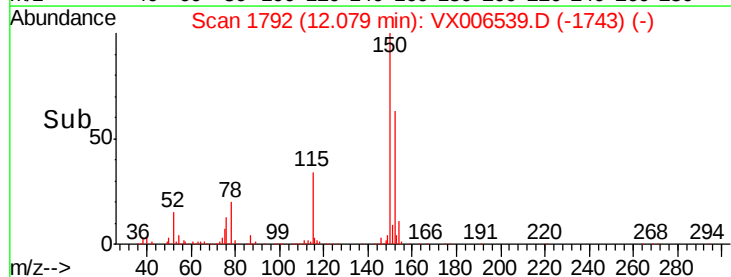
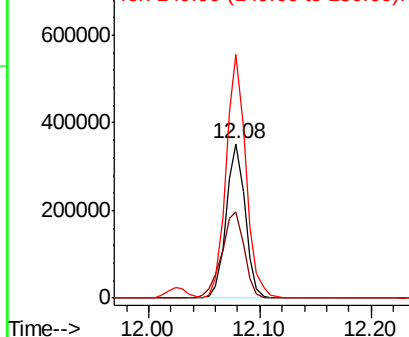
152 100

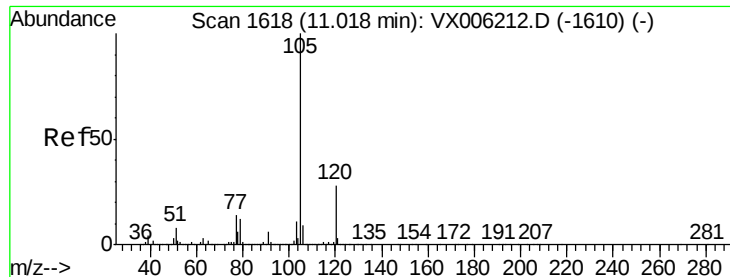
115 66.7 39.0 116.9

150 164.5 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: 22.020 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

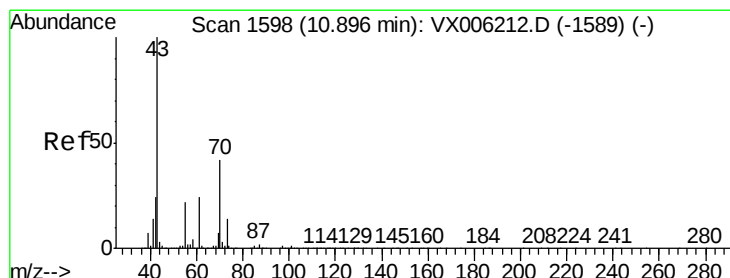
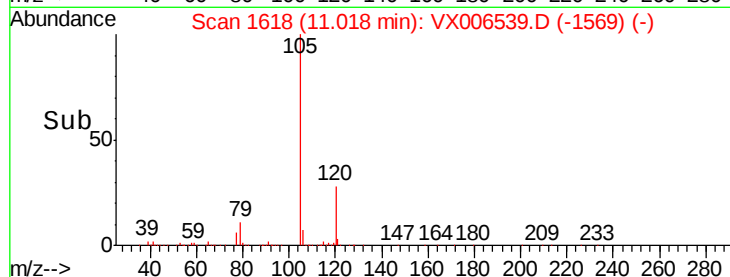
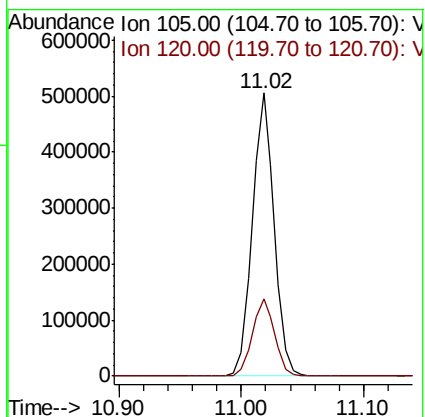
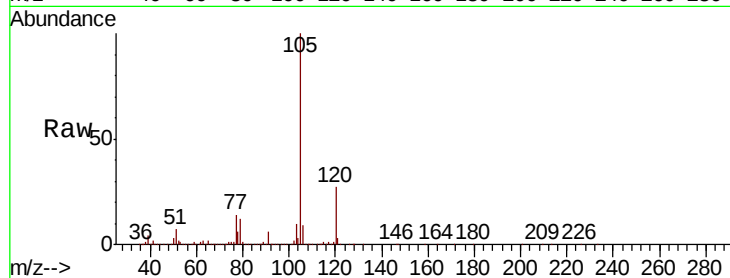
ClientSampleId :

Tot Ion:105 Resp: 628853

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.3



#74

N-ethyl acetate

Concen: 18.440 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion: 43 Resp: 226768

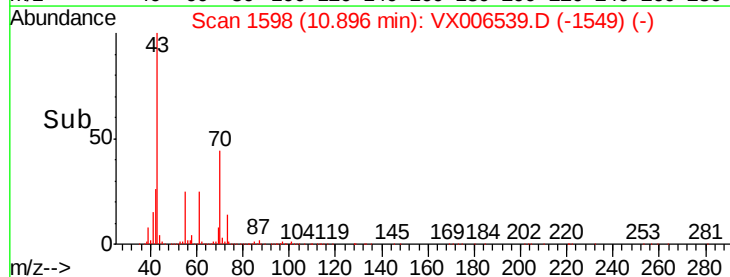
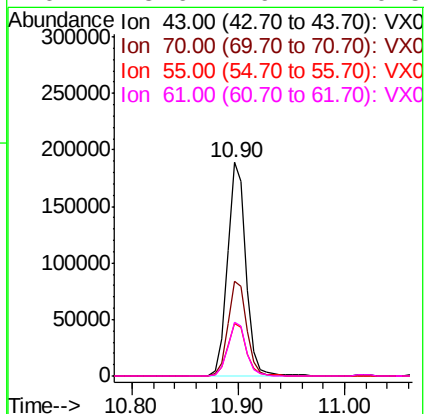
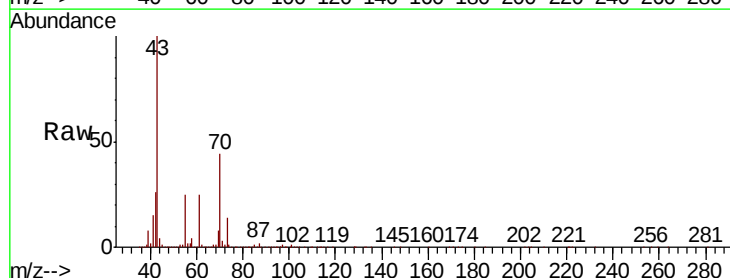
Ion Ratio Lower Upper

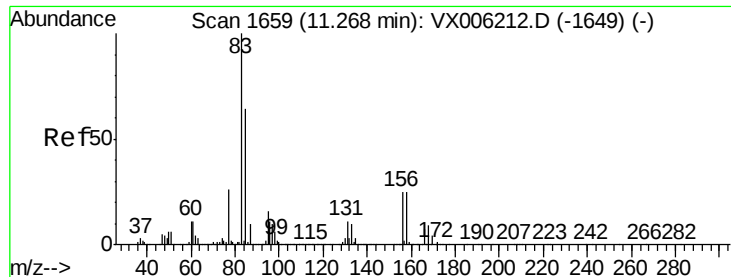
43 100

70 45.7 34.1 51.1

55 25.2 17.8 26.8

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.039 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

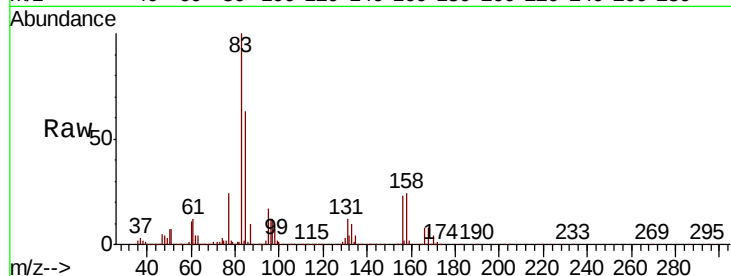
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 192218

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.7	17.1
85	64.2	32.1	96.5

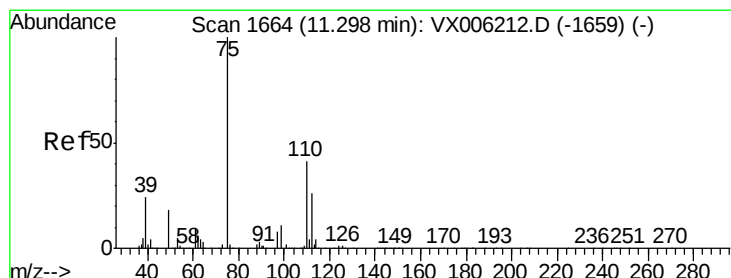
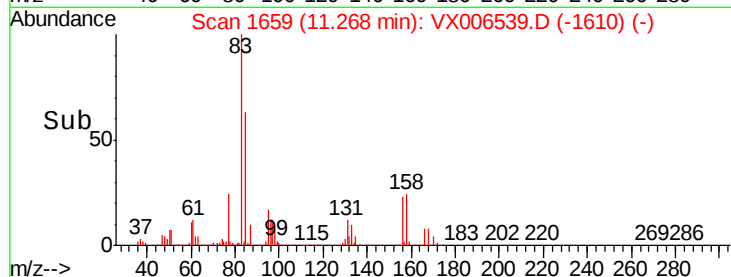
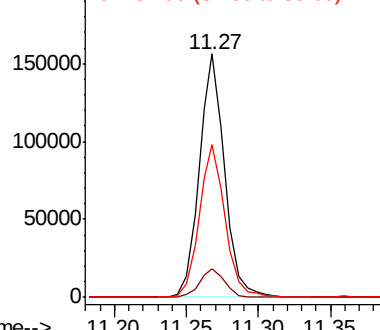


Abundance

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: 25.320 ug/l

RT: 11.30 min Scan# 1664

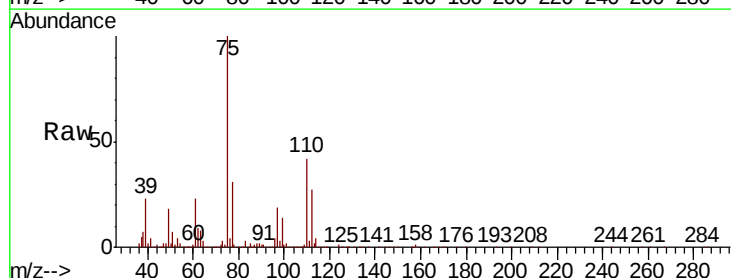
Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Tgt Ion: 75 Resp: 202099

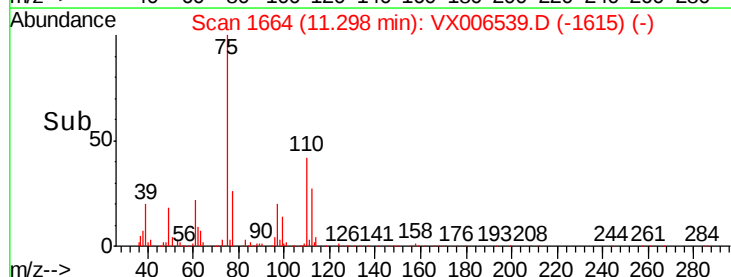
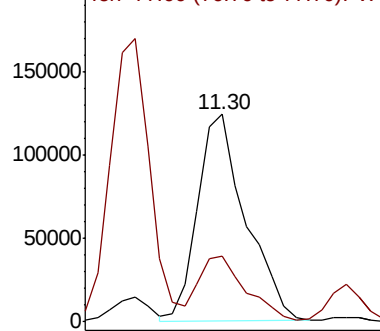
Ion	Ratio	Lower	Upper
75	100		
77	31.0	19.9	59.7

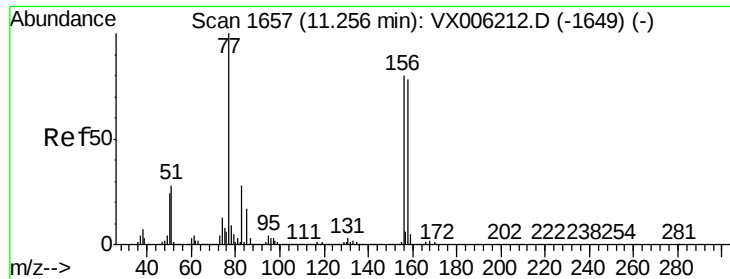


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.310 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

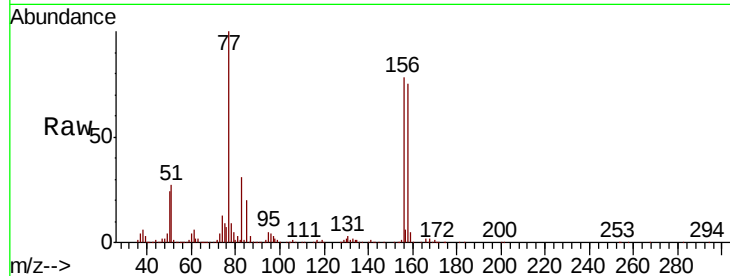
Tot Ion:156 Resp: 168888

Ion Ratio Lower Upper

156 100

77 136.0 66.2 198.6

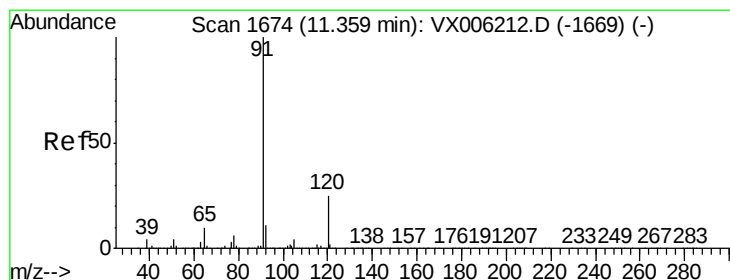
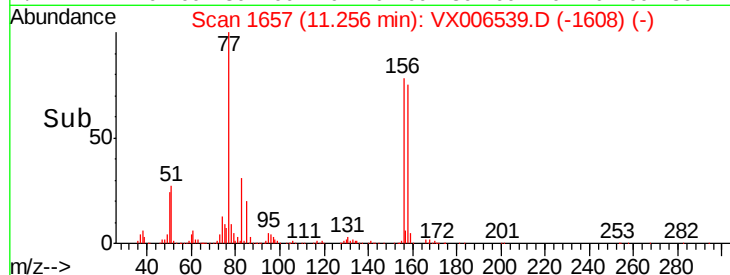
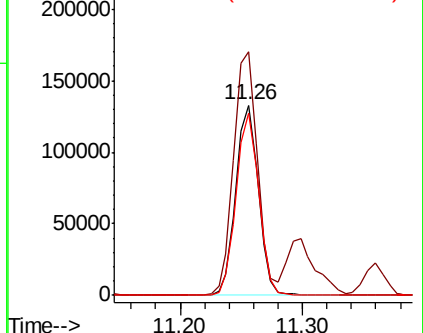
158 96.5 48.8 146.4



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: 21.612 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006539.D

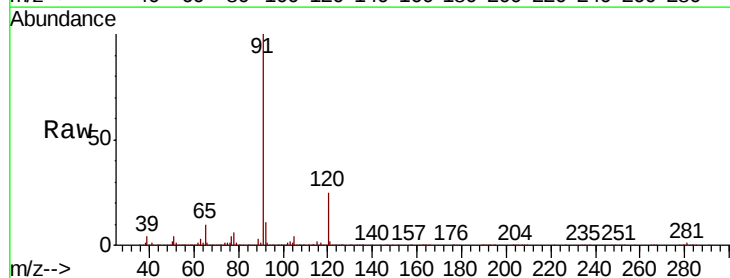
Acq: 15 Dec 2018 03:00

Tgt Ion: 91 Resp: 686063

Ion Ratio Lower Upper

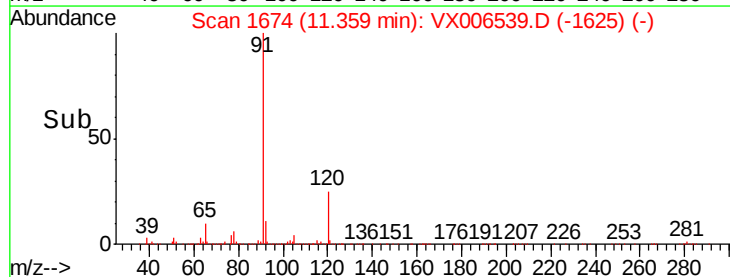
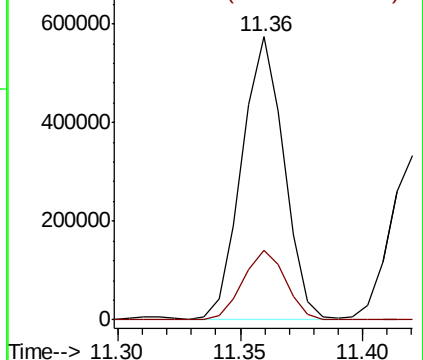
91 100

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: 21.800 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

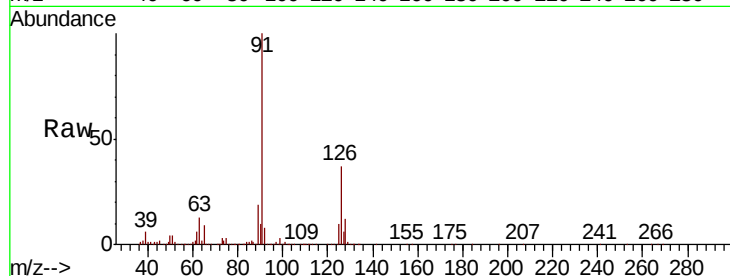
ClientSampled :

Tot Ion: 91 Resp: 411321

Ion Ratio Lower Upper

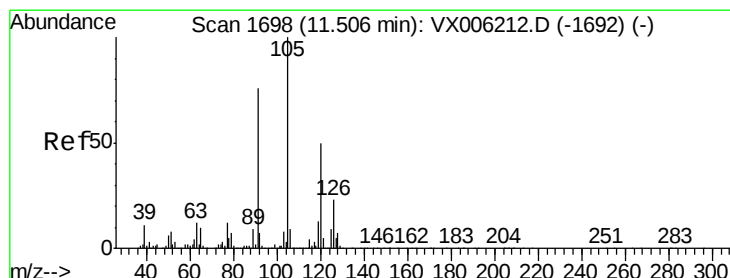
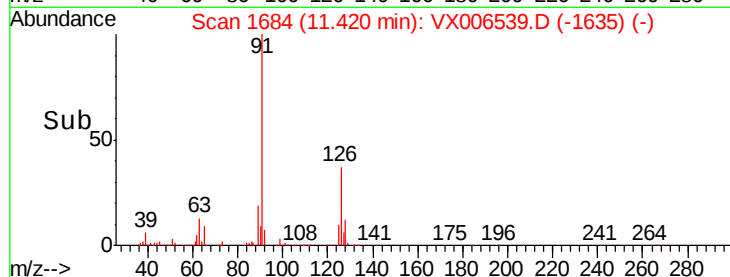
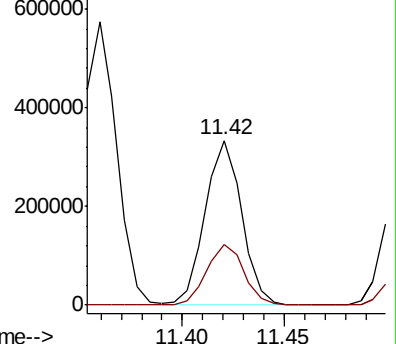
91 100

126 37.8 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.698 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006539.D

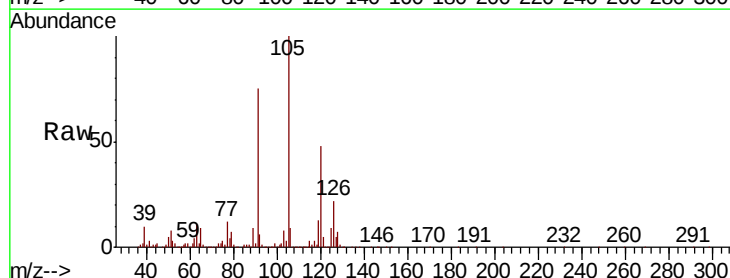
Acq: 15 Dec 2018 03:00

Tgt Ion:105 Resp: 515550

Ion Ratio Lower Upper

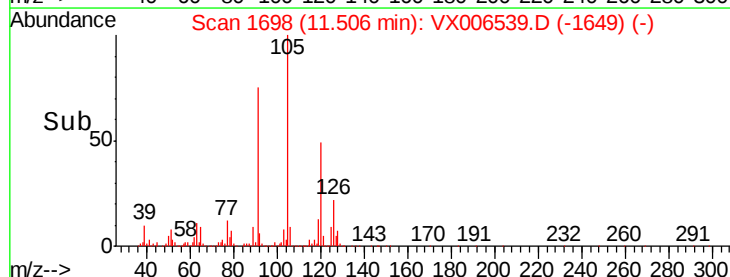
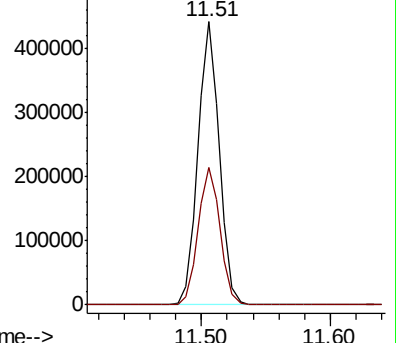
105 100

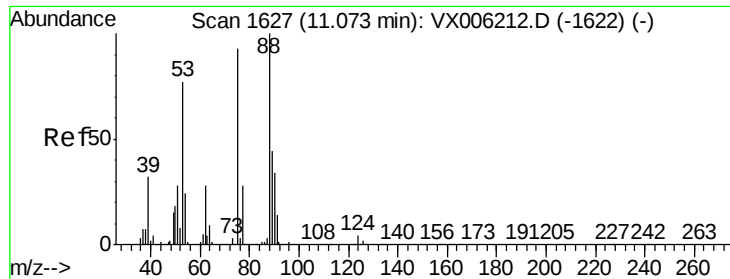
120 49.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 12.014 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

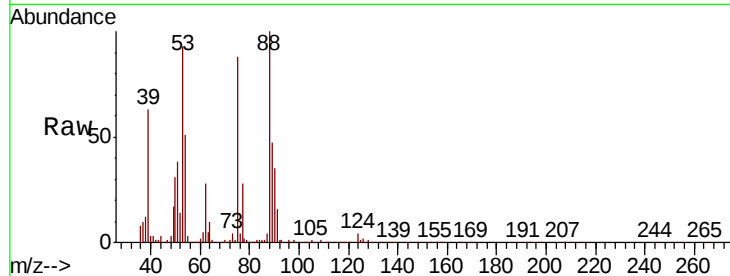
Tot Ion: 75 Resp: 40861

Ion Ratio Lower Upper

75 100

53 108.5 64.4 96.6#

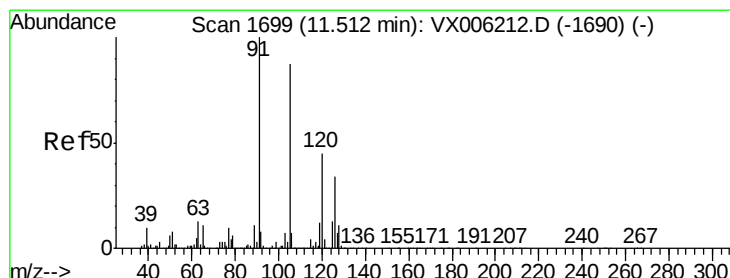
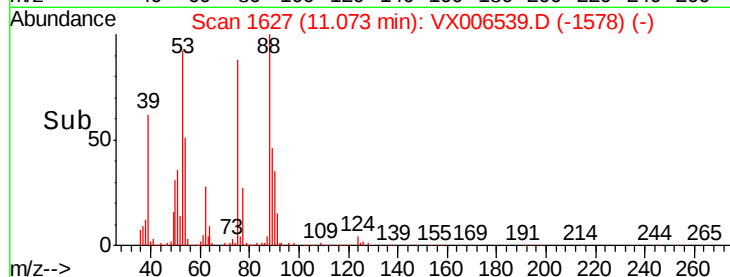
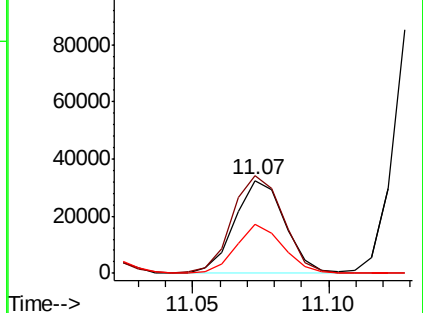
89 50.0 44.2 66.4



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: 21.561 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006539.D

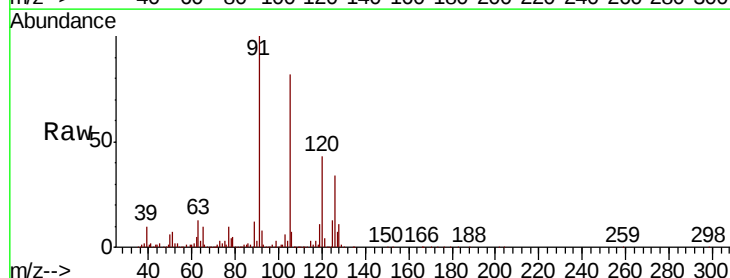
Acq: 15 Dec 2018 03:00

Tgt Ion: 91 Resp: 472981

Ion Ratio Lower Upper

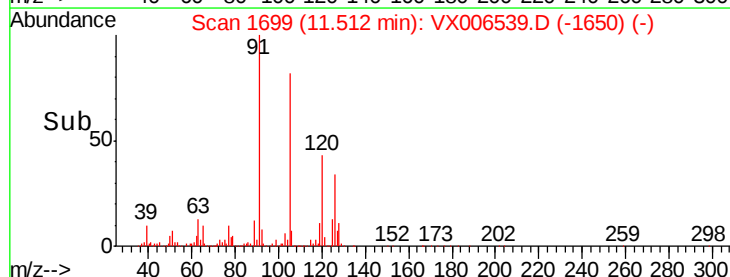
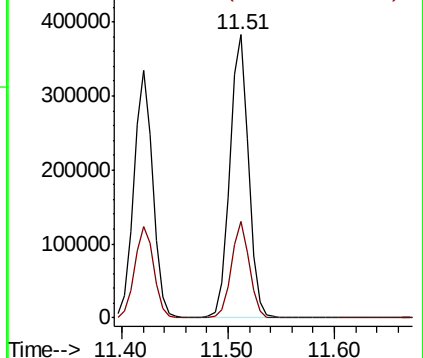
91 100

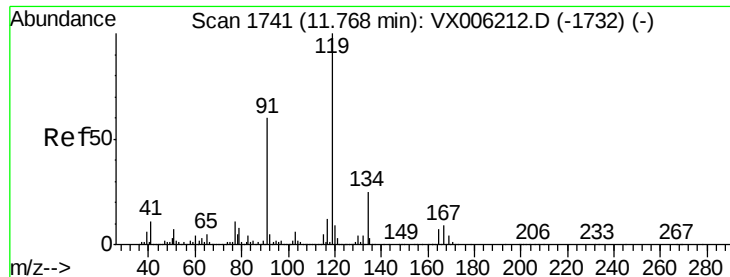
126 32.9 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.936 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

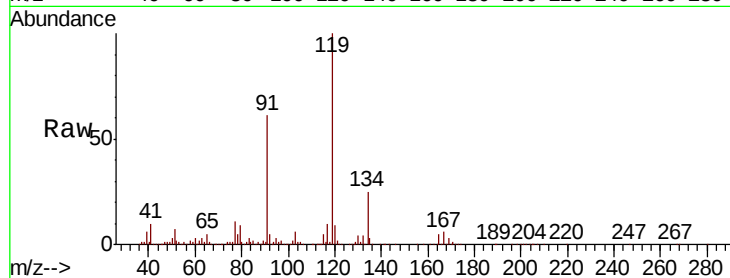
Tot Ion:119 Resp: 530758

Ion Ratio Lower Upper

119 100

91 55.9 26.4 79.2

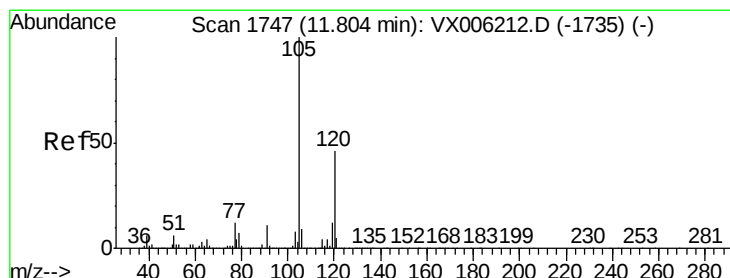
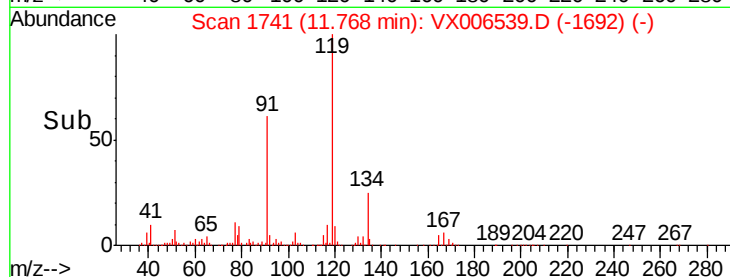
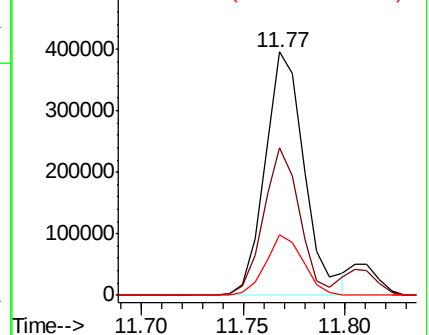
134 23.7 11.6 34.7



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: 21.862 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006539.D

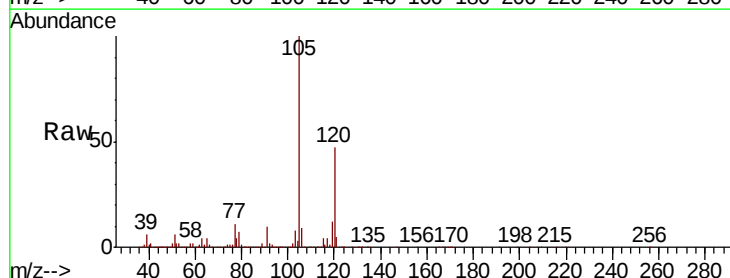
Acq: 15 Dec 2018 03:00

Tgt Ion:105 Resp: 536397

Ion Ratio Lower Upper

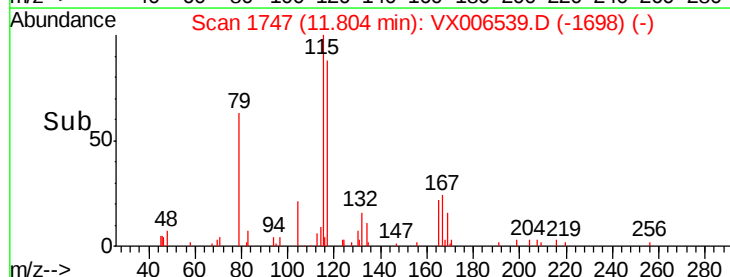
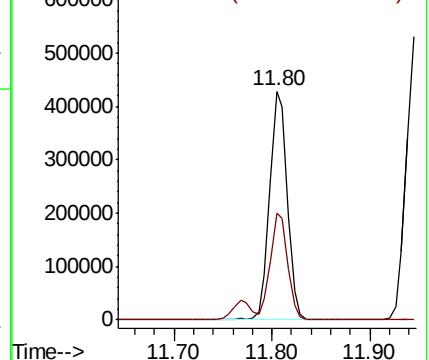
105 100

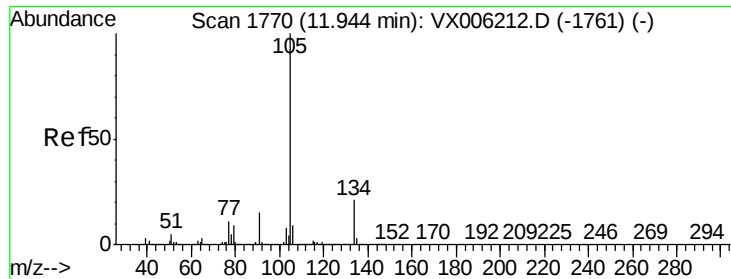
120 45.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.845 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

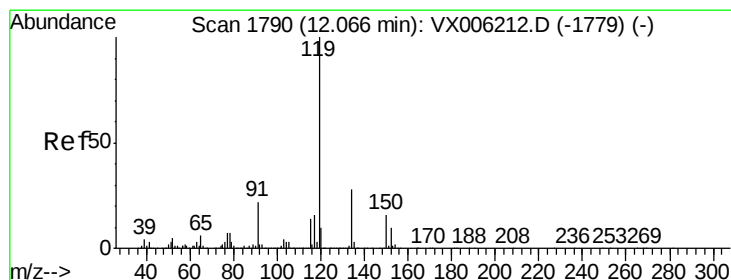
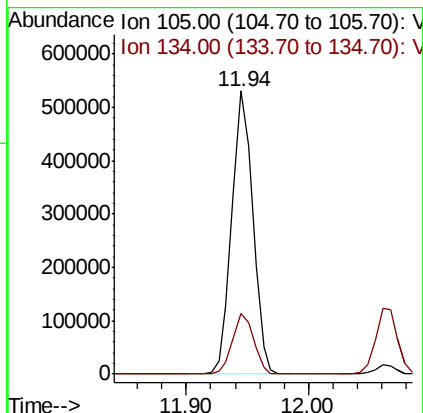
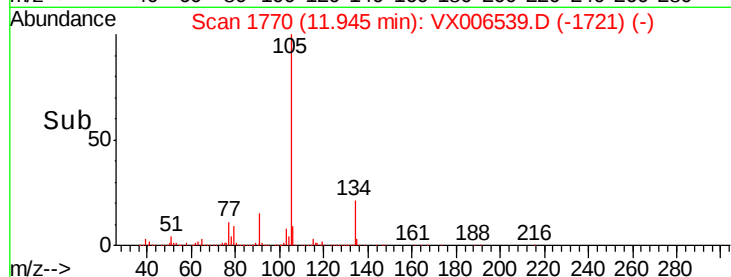
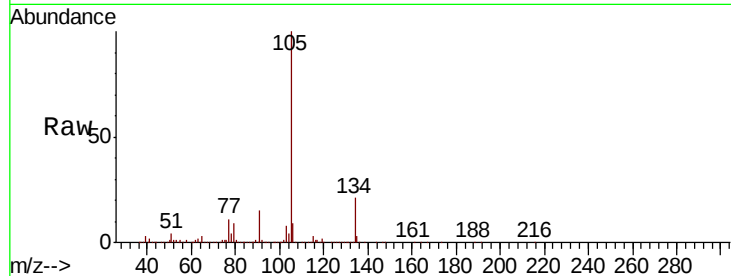
ClientSampled :

Tot Ion:105 Resp: 630051

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



#86

p-Isopropyltoluene

Concen: 21.352 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

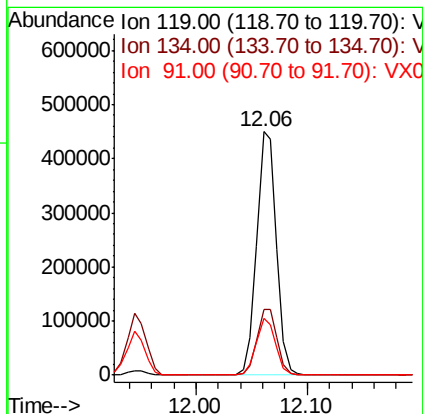
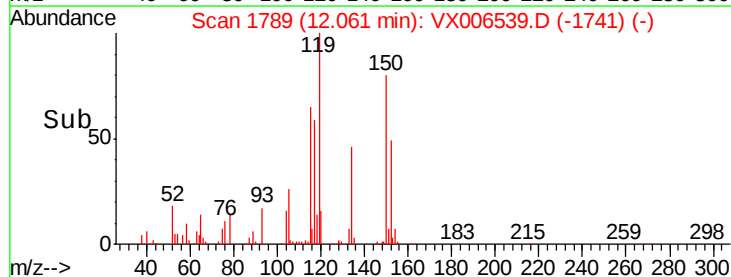
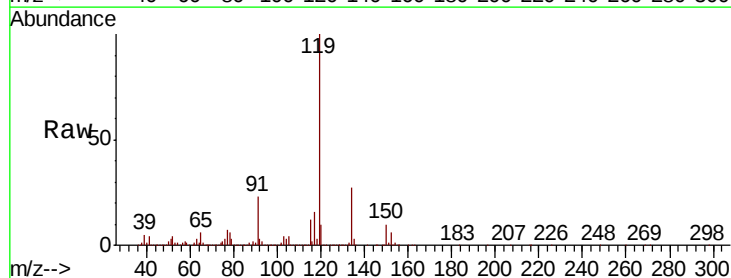
Tgt Ion:119 Resp: 554528

Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 22.7 11.3 33.8

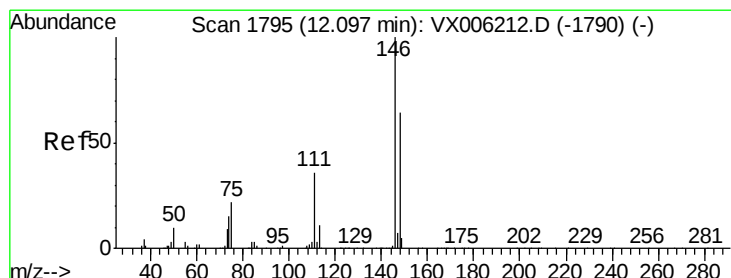
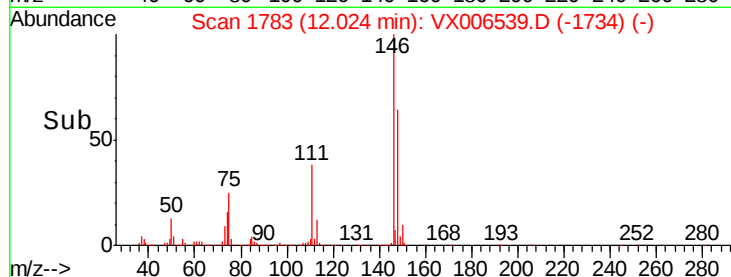
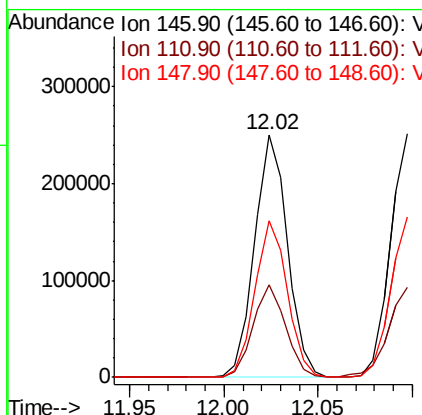
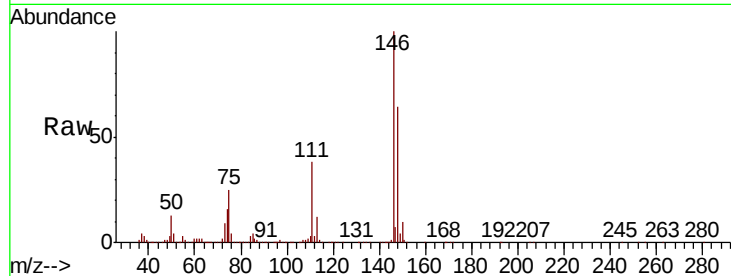




#87
 1,3-Dichlorobenzene
 Concen: 21.487 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

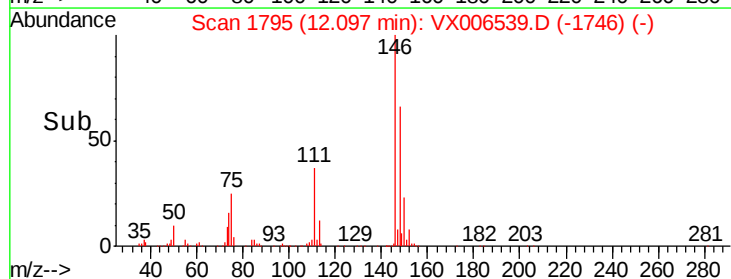
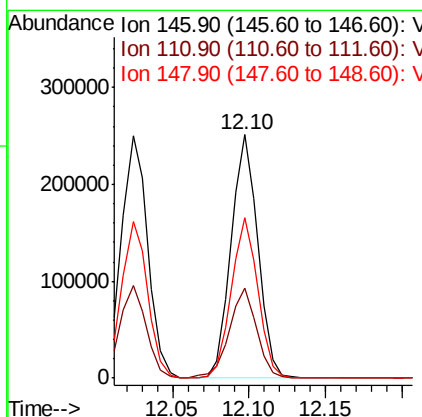
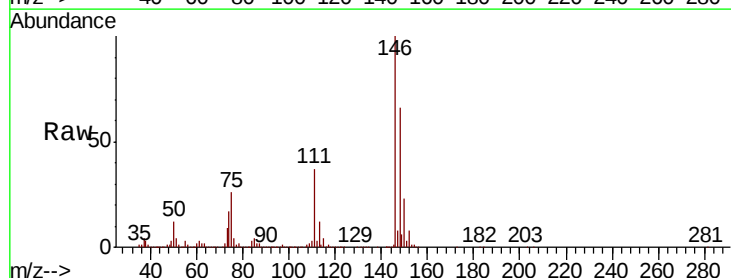
Instrument :
 MSVOA_X
 ClientSampleId :

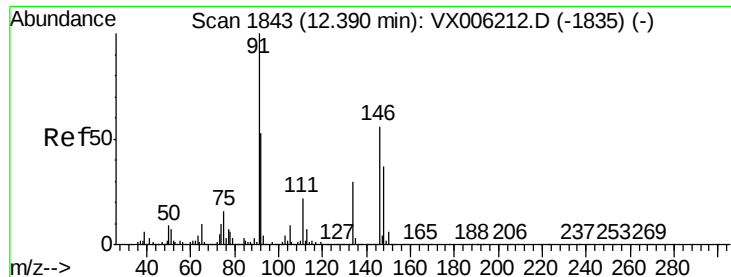
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.2
148	63.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.190 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.8
148	65.4	31.9	95.9

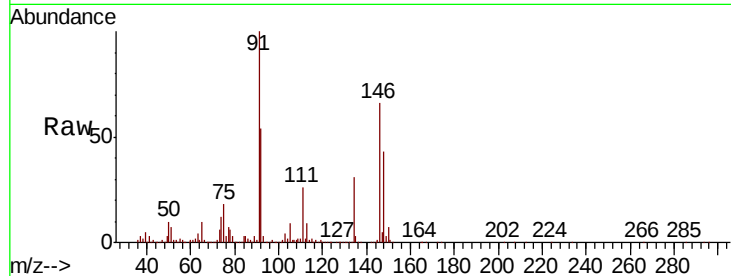




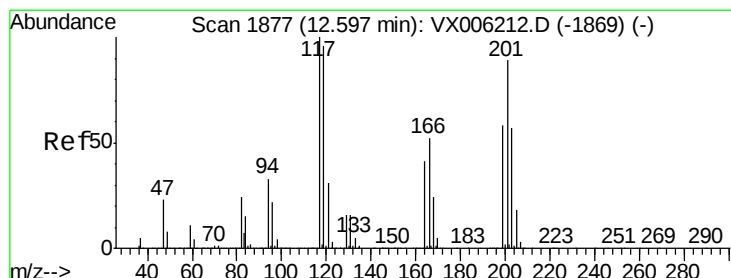
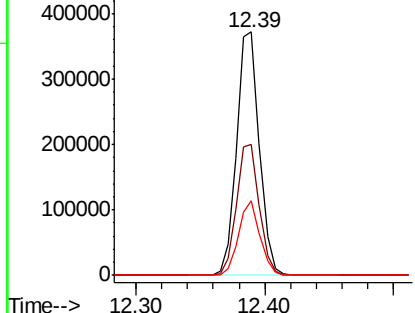
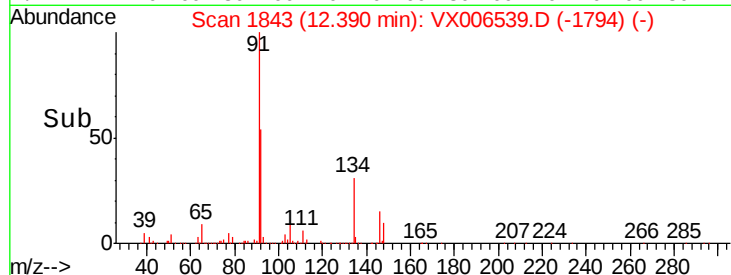
#89
n-Butylbenzene
Concen: 20.551 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 455392
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.8
134 29.1 14.8 44.3

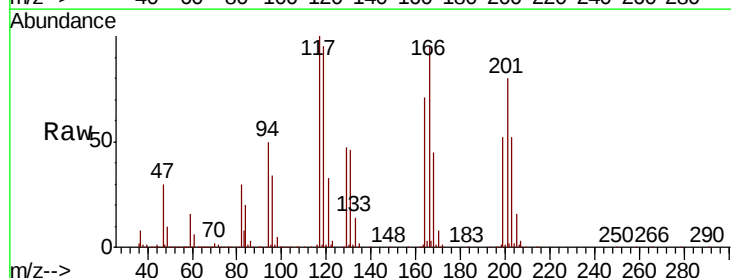


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

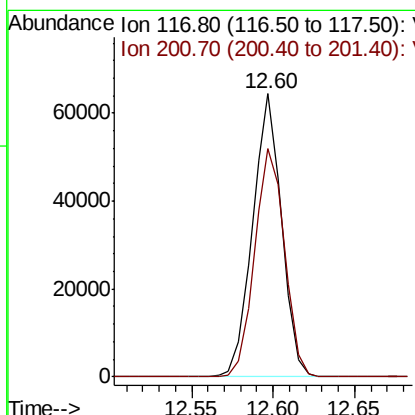
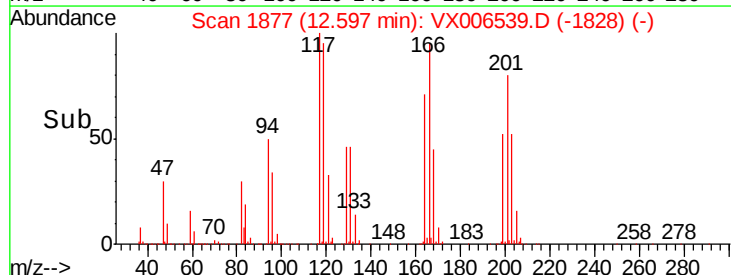


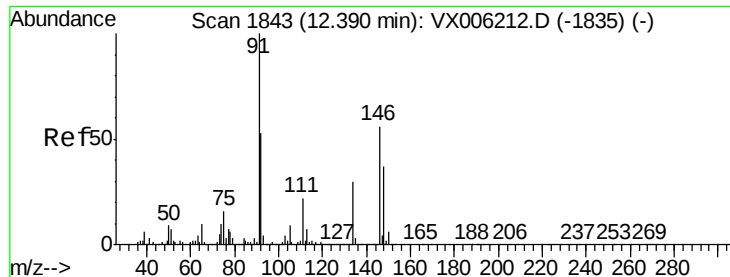
#90
Hexachloroethane
Concen: 15.029 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006539.D
Acq: 15 Dec 2018 03:00

Tgt Ion: 117 Resp: 79548
Ion Ratio Lower Upper
117 100
201 83.1 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.804 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

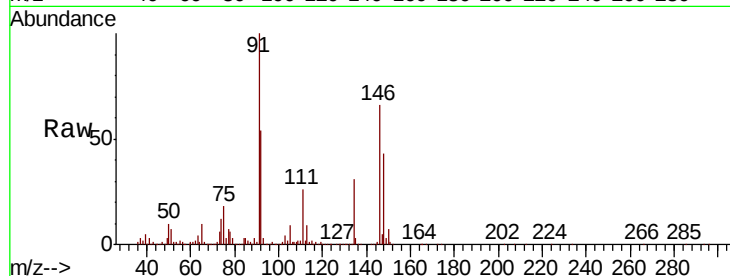
Tot Ion:146 Resp: 305162

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

148 63.9 32.1 96.3



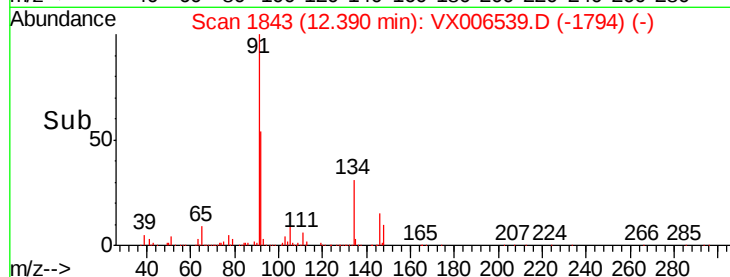
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

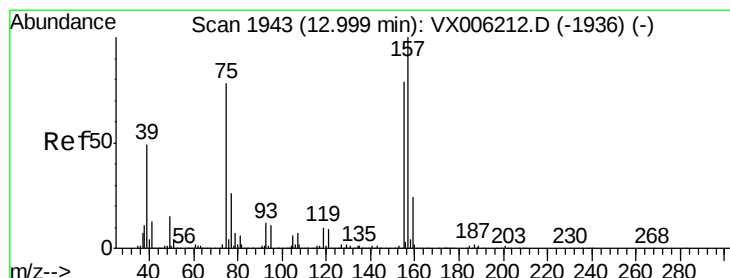
Ion 147.90 (147.60 to 148.60): V

12.39

Time-->



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.629 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

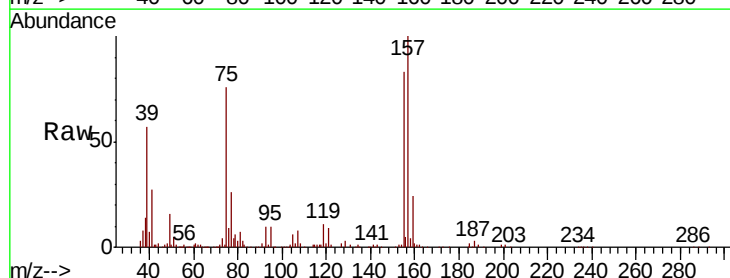
Tgt Ion: 75 Resp: 36603

Ion Ratio Lower Upper

75 100

155 102.4 53.4 160.3

157 132.2 68.0 203.8



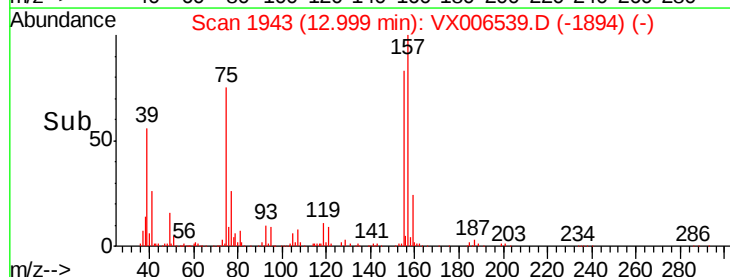
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

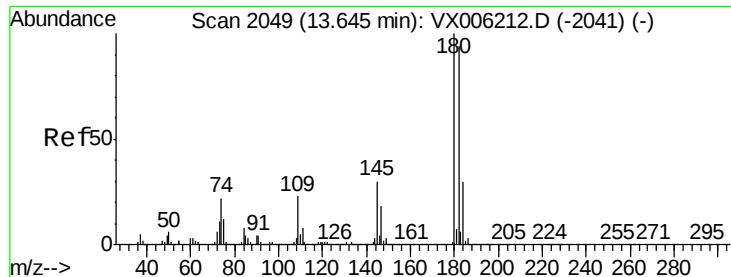
Ion 156.80 (156.50 to 157.50): V

13.00

Time-->



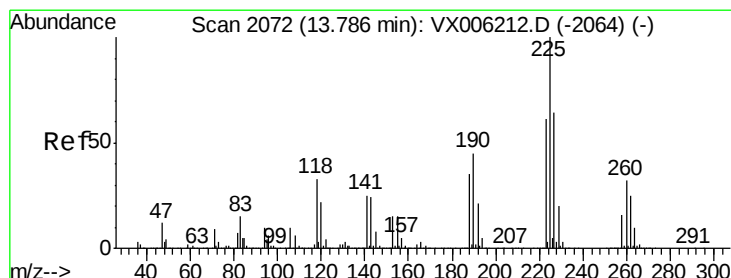
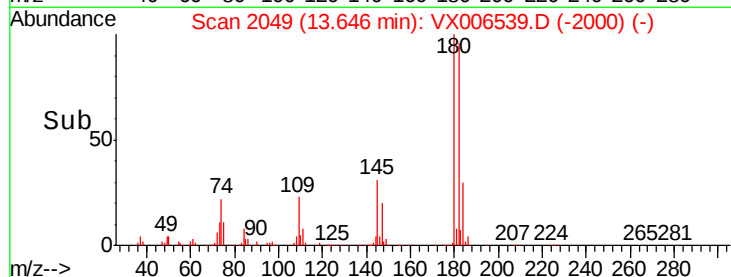
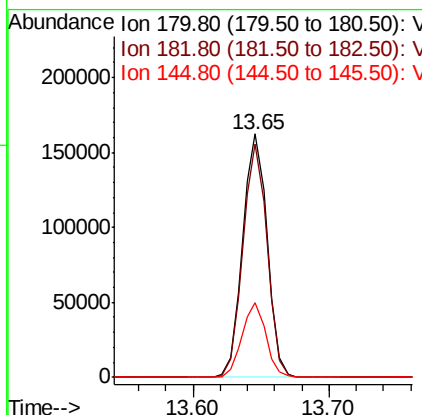
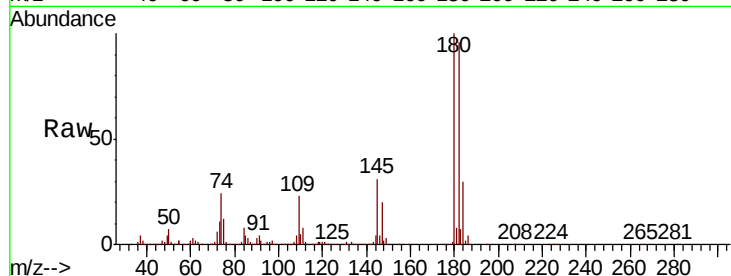
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 19.989 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

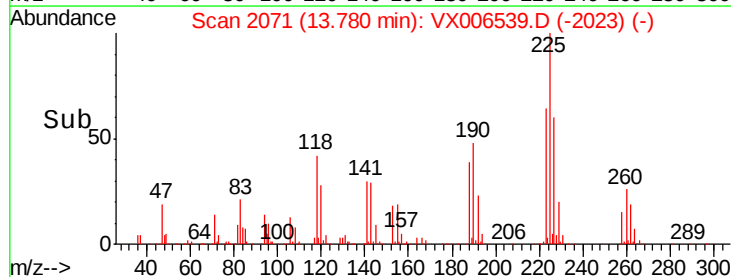
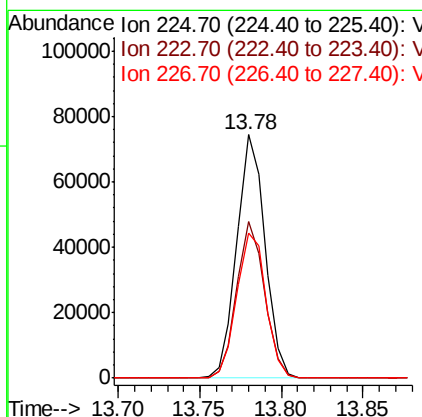
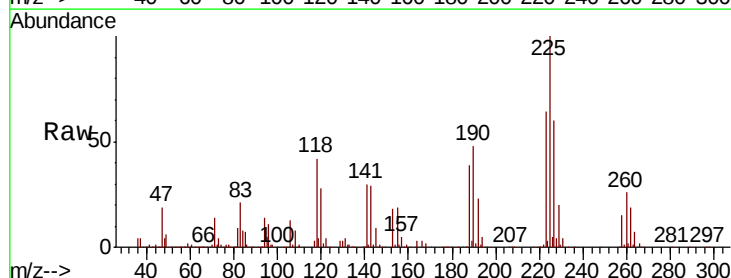
Instrument :
 MSVOA_X
 ClientSampled :

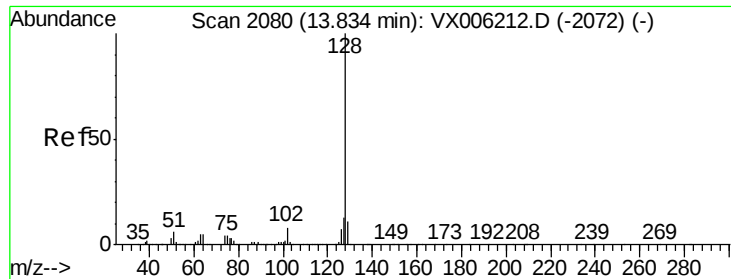
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	30.1	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 19.902 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006539.D
 Acq: 15 Dec 2018 03:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	62.2	31.9	95.5





#95

Naphthalene

Concen: 20.761 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

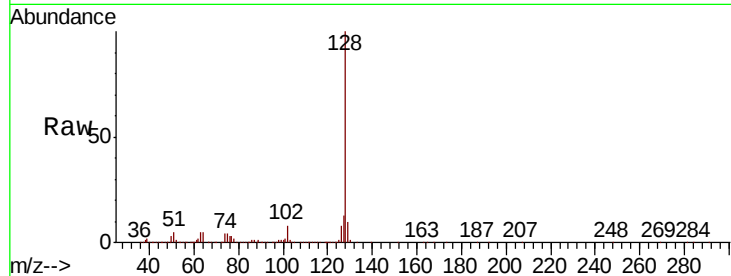
Tot Ion:128 Resp: 659410

Ion Ratio Lower Upper

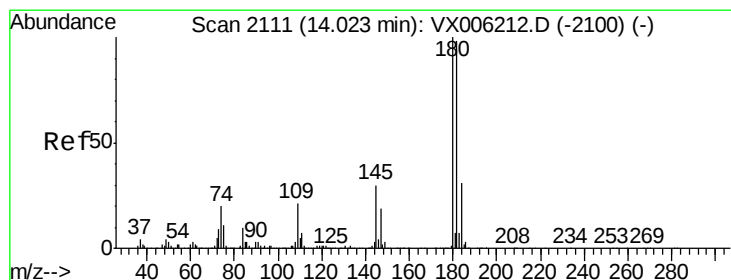
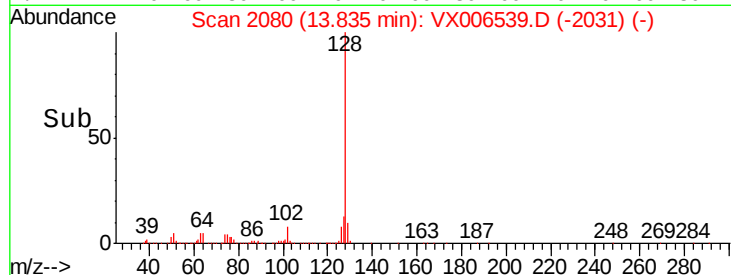
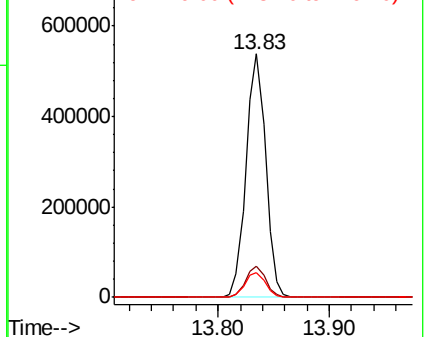
128 100

127 13.0 10.2 15.4

129 10.6 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: 20.290 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006539.D

Acq: 15 Dec 2018 03:00

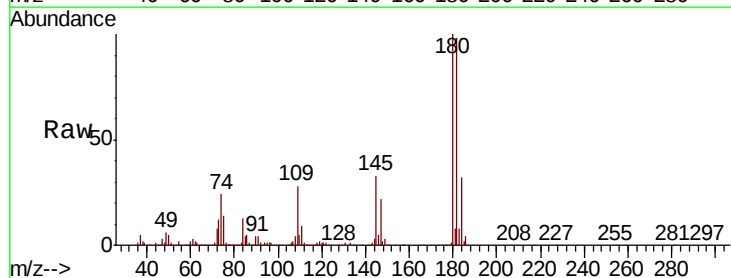
Tgt Ion:180 Resp: 205196

Ion Ratio Lower Upper

180 100

182 94.8 48.4 145.2

145 32.4 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

