

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006417.D
 Acq On : 11 Dec 2018 13:44
 Operator : JC/MD
 Sample : VX1211MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 12 04:34:46 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	697072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1020613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	916927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	486720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	349454	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	336735	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.71	98	1223683	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	461756	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131643	19.287	ug/l	98
3) Chloromethane	1.33	50	130265	18.572	ug/l	98
4) Vinyl Chloride	1.41	62	144046	19.082	ug/l	96
5) Bromomethane	1.64	94	118162	22.586	ug/l	100
6) Chloroethane	1.72	64	94540	20.426	ug/l	100
7) Trichlorofluoromethane	1.93	101	226027	19.506	ug/l	98
8) Diethyl Ether	2.19	74	88657	20.216	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131044	19.889	ug/l	97
10) Methyl Iodide	2.51	142	192674	19.404	ug/l	99
11) Tert butyl alcohol	3.07	59	193064	99.208	ug/l	100
12) 1,1-Dichloroethene	2.38	96	120326	19.077	ug/l	93
13) Acrolein	2.29	56	102835	96.682	ug/l	100
14) Allyl chloride	2.73	41	218859	17.565	ug/l	96
15) Acrylonitrile	3.15	53	395022	97.273	ug/l	100
16) Acetone	2.45	43	349698	104.716	ug/l	97
17) Carbon Disulfide	2.57	76	301501	15.512	ug/l	98
18) Methyl Acetate	2.78	43	233086	20.871	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	450121	20.004	ug/l	99
20) Methylene Chloride	2.86	84	139238	19.591	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	128759	19.156	ug/l	94
22) Diisopropyl ether	3.87	45	383775	19.719	ug/l	99
23) Vinyl Acetate	3.82	43	1556755	93.784	ug/l	98
24) 1,1-Dichloroethane	3.70	63	216893	19.498	ug/l	98
25) 2-Butanone	4.70	43	478755	100.474	ug/l	98
26) 2,2-Dichloropropane	4.59	77	179972	17.531	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	151594	20.219	ug/l	98
28) Bromochloromethane	5.02	49	95809	19.718	ug/l	98
29) Tetrahydrofuran	5.16	42	315623	95.307	ug/l	98
30) Chloroform	5.21	83	231460	19.800	ug/l	96
31) Cyclohexane	5.58	56	186027	18.096	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	208212	18.720	ug/l	100
36) 1,1-Dichloropropene	5.80	75	163194	18.988	ug/l	99
37) Ethyl Acetate	4.85	43	179539	18.654	ug/l	97
38) Carbon Tetrachloride	5.79	117	180516	17.854	ug/l	97

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 ClientSampleId :

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 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)
39) Methylcyclohexane	7.46	83	210961	18.910	ug/l	98
40) Benzene	6.14	78	518085	20.126	ug/l	97
41) Methacrylonitrile	5.06	41	100364	18.951	ug/l	98
42) 1,2-Dichloroethane	6.20	62	168633	20.016	ug/l	97
43) Isopropyl Acetate	6.46	43	298037	18.572	ug/l	98
44) Trichloroethene	7.21	130	153669	19.706	ug/l	98
45) 1,2-Dichloropropane	7.52	63	128577	19.653	ug/l	100
46) Dibromomethane	7.66	93	91874	19.444	ug/l	99
47) Bromodichloromethane	7.90	83	162617	17.772	ug/l	99
48) Methyl methacrylate	7.77	41	148957	19.080	ug/l	97
49) 1,4-Dioxane	7.75	88	78652	408.769	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	929237	99.470	ug/l	98
52) Toluene	8.79	92	335917	19.835	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	182347	17.040	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	200255	18.022	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	143548	20.864	ug/l	99
56) Ethyl methacrylate	9.18	69	211535	19.667	ug/l	98
57) 1,3-Dichloropropane	9.37	76	223716	20.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	517996	94.905	ug/l	99
59) 2-Hexanone	9.49	43	708506	99.269	ug/l	99
60) Dibromochloromethane	9.59	129	146591	17.279	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155973	20.275	ug/l	97
64) Tetrachloroethene	9.34	164	144555	20.934	ug/l	96
65) Chlorobenzene	10.14	112	398849	20.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	144116	19.056	ug/l	100
67) Ethyl Benzene	10.25	91	649423	20.061	ug/l	99
68) m/p-Xylenes	10.36	106	525130	40.495	ug/l	99
69) o-Xylene	10.70	106	262028	20.457	ug/l	99
70) Styrene	10.71	104	416727	20.115	ug/l	99
71) Bromoform	10.86	173	112186	15.715	ug/l #	100
73) Isopropylbenzene	11.02	105	691985	20.587	ug/l	100
74) N-amyl acetate	10.90	43	269284	18.604	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	214870	19.982	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	243836	25.955	ug/l	87
77) Bromobenzene	11.26	156	191077	20.484	ug/l	99
78) n-propylbenzene	11.36	91	747349	20.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	450250	20.275	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564897	20.199	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60801	15.188	ug/l	86
82) 4-Chlorotoluene	11.51	91	517366	20.038	ug/l	100
83) tert-Butylbenzene	11.77	119	599267	20.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	602818	20.875	ug/l	99
85) sec-Butylbenzene	11.94	105	692335	20.395	ug/l	100
86) p-Isopropyltoluene	12.06	119	627154	20.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	340647	20.524	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	342796	20.348	ug/l	99
89) n-Butylbenzene	12.39	91	505216	19.371	ug/l	99
90) Hexachloroethane	12.60	117	102405	16.438	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	338192	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45763	16.602	ug/l	99

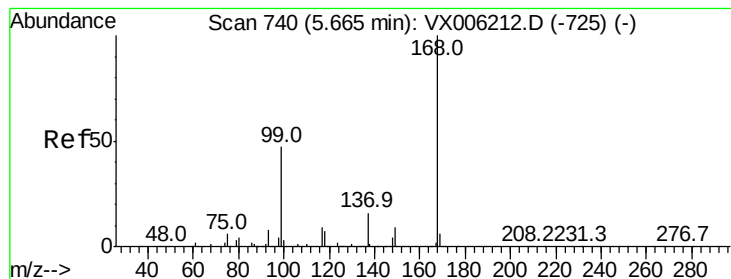
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238270	19.826	ug/l	99
94) Hexachlorobutadiene	13.78	225	110392	20.771	ug/l	100
95) Naphthalene	13.83	128	753408	20.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	240946	20.242	ug/l	99

(#) = 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: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

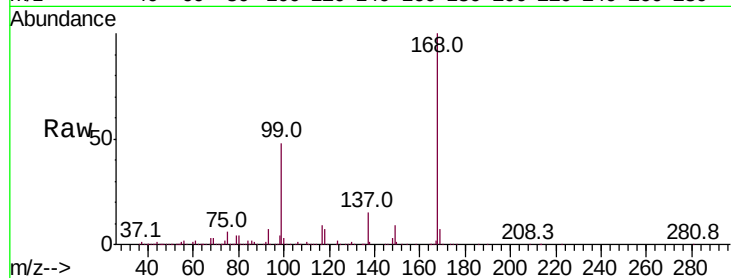
ClientSampleId :

Tot Ion:168 Resp: 697072

Ion Ratio Lower Upper

168 100

99 47.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

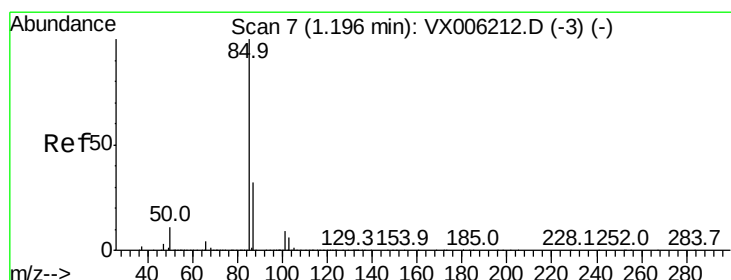
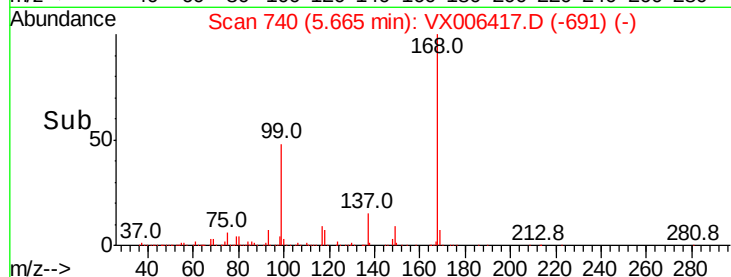
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.287 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006417.D

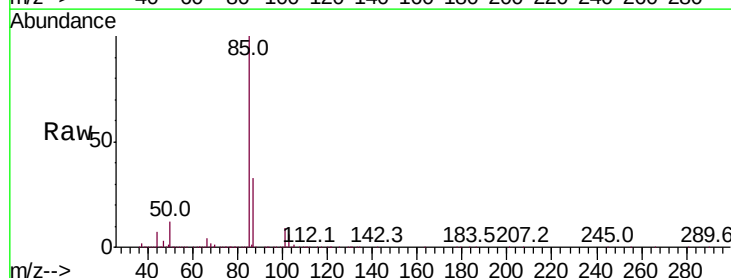
Acq: 11 Dec 2018 13:44

Tgt Ion: 85 Resp: 131643

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

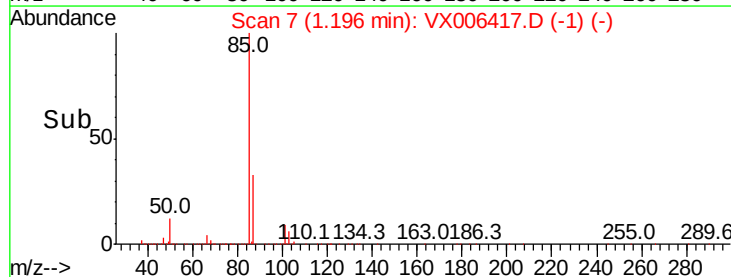
1.20

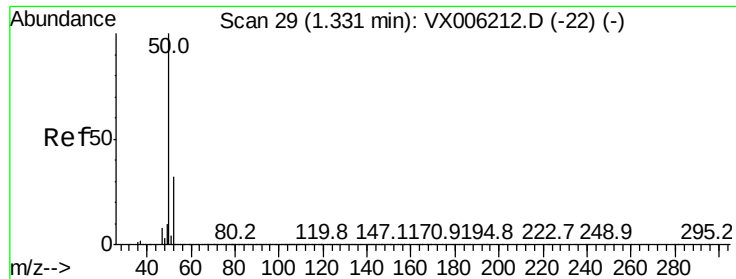
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.572 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

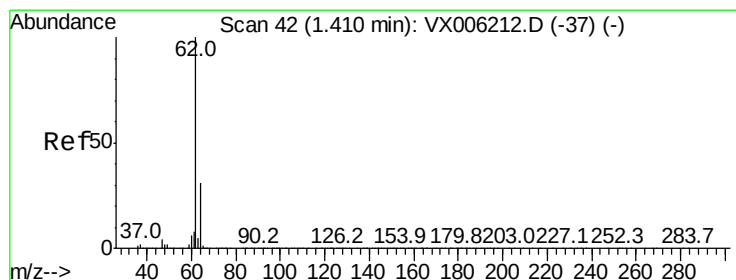
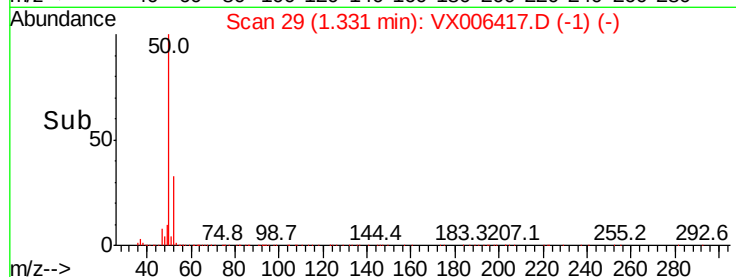
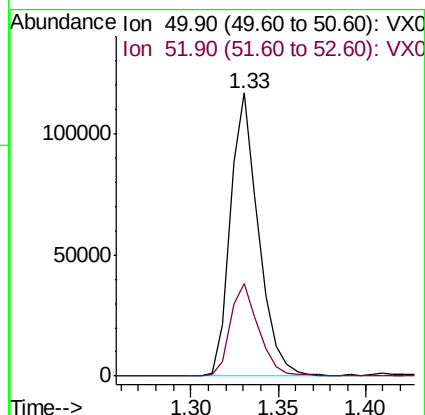
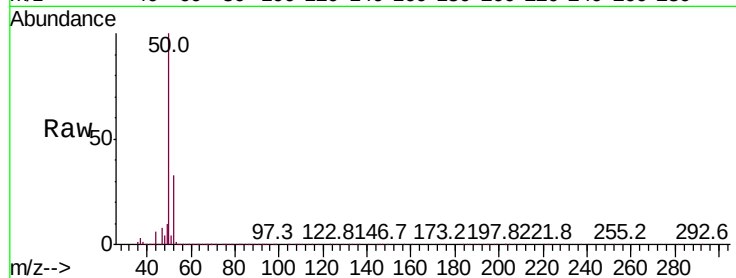
ClientSampleId :

Tot Ion: 50 Resp: 130265

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



#4

Vinyl Chloride

Concen: 19.082 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006417.D

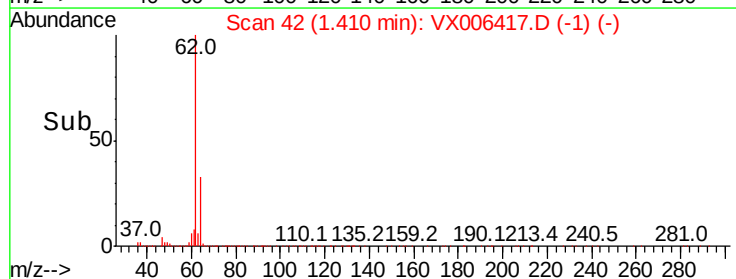
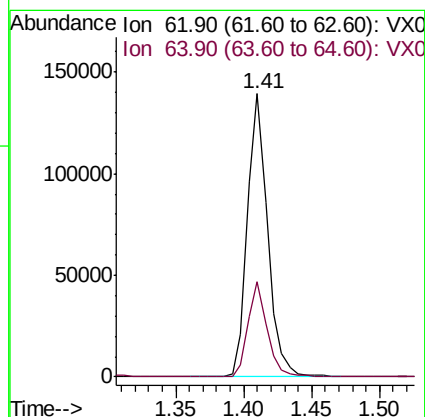
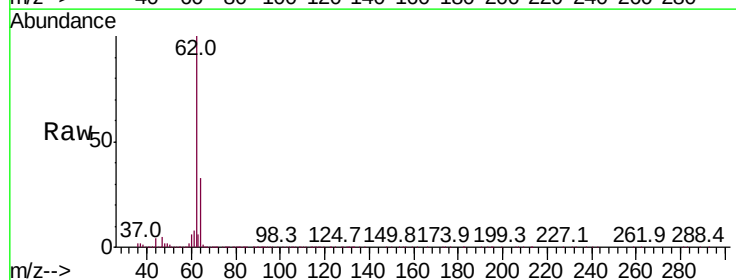
Acq: 11 Dec 2018 13:44

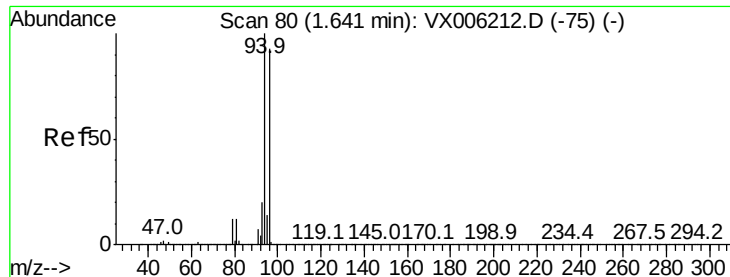
Tgt Ion: 62 Resp: 144046

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3





#5

Bromomethane

Concen: 22.586 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

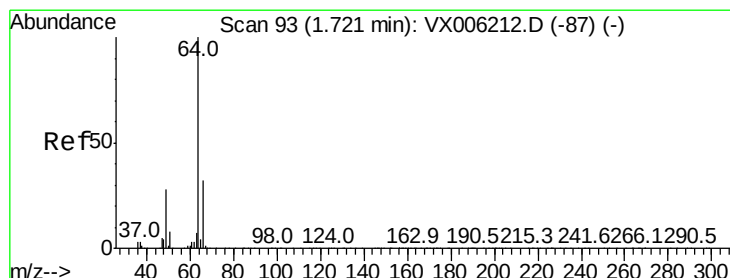
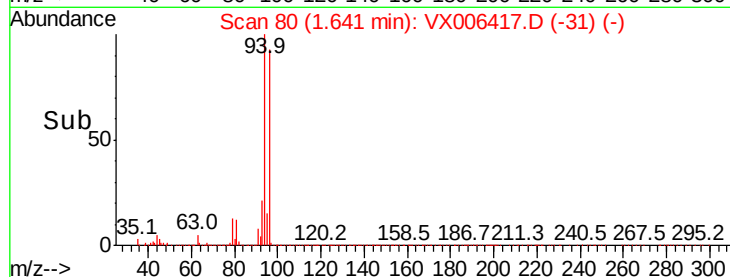
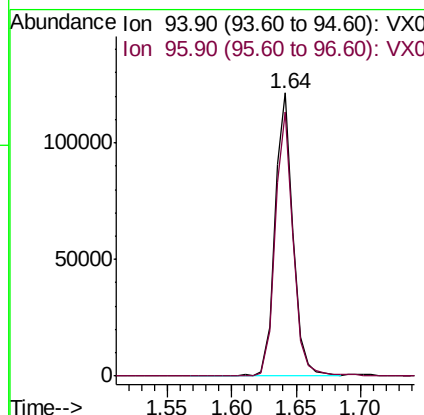
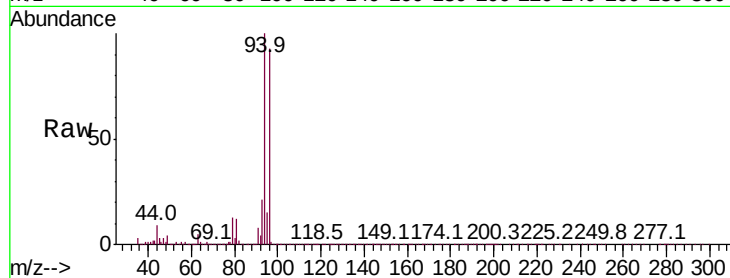
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 118162

Ion Ratio Lower Upper

94 100

96 93.3 74.5 111.7



#6

Chloroethane

Concen: 20.426 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX006417.D

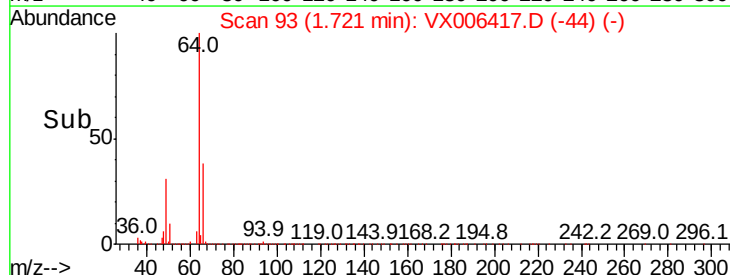
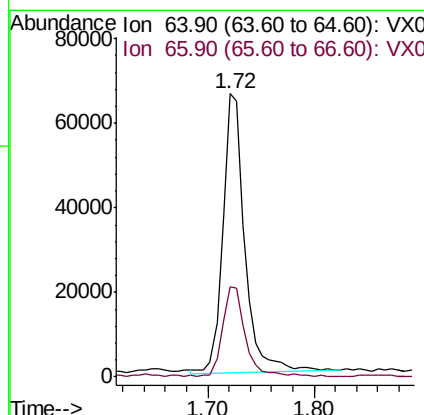
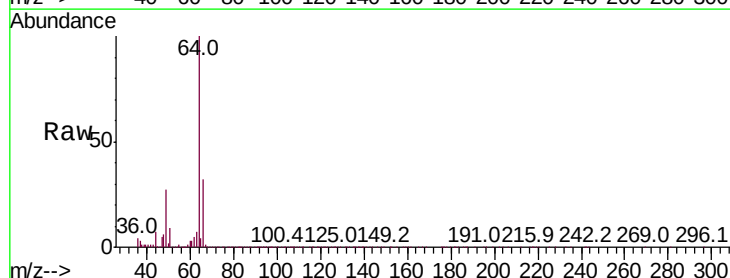
Acq: 11 Dec 2018 13:44

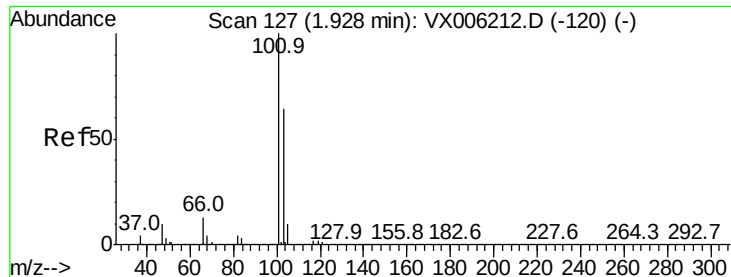
Tgt Ion: 64 Resp: 94540

Ion Ratio Lower Upper

64 100

66 32.2 25.9 38.9



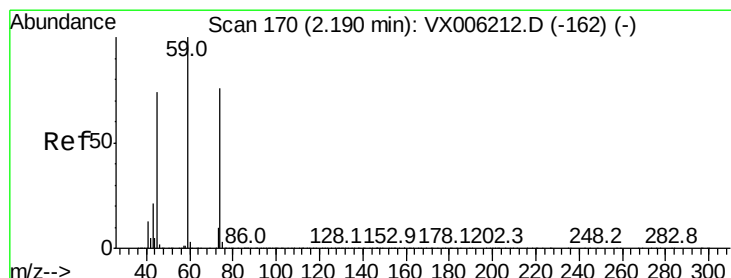
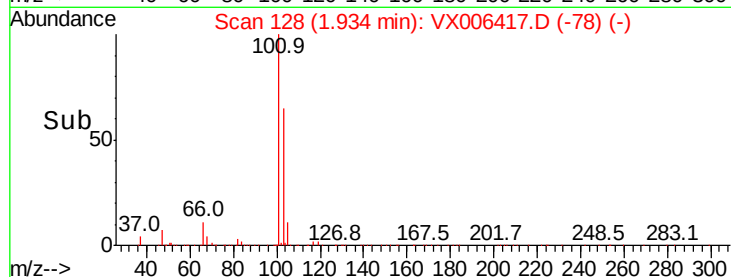
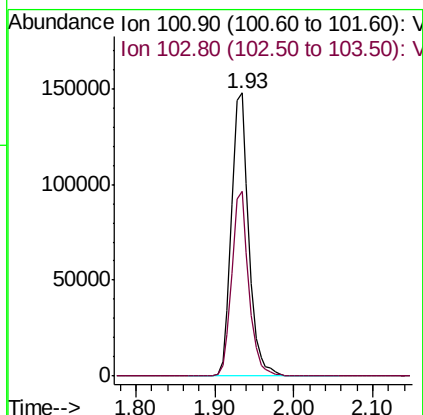
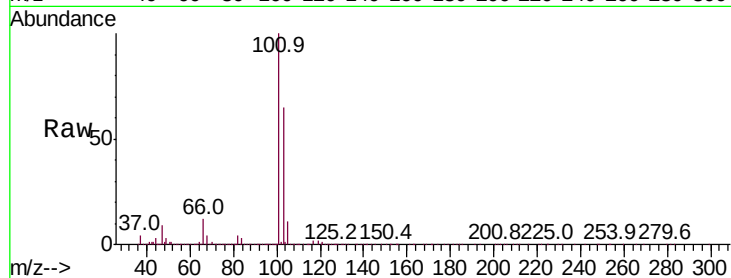


#7

Trichlorofluoromethane
Concen: 19.506 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :

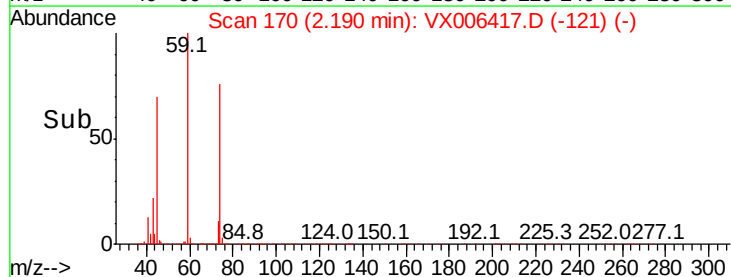
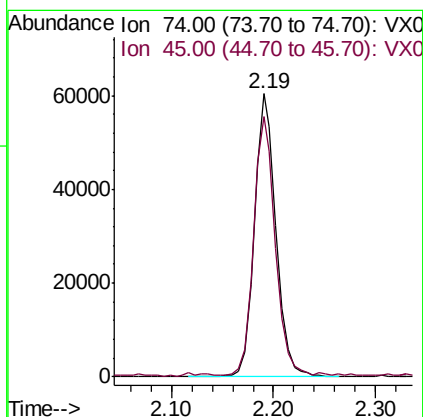
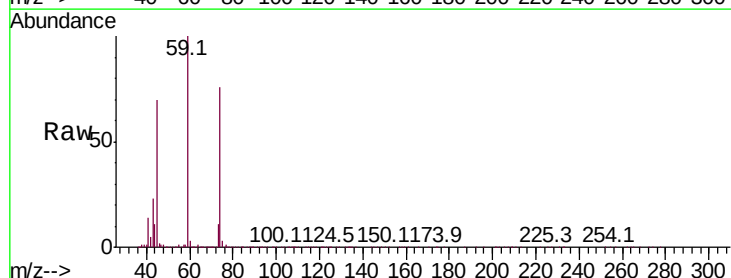
Tot Ion:101 Resp: 226027
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

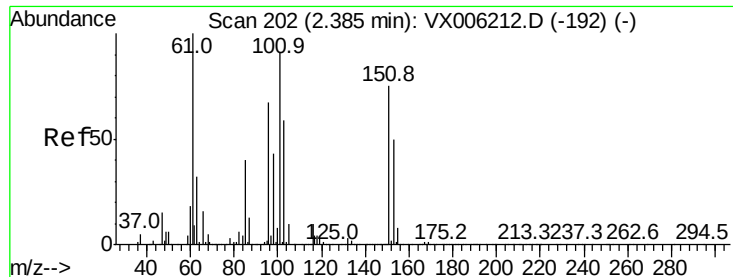


#8

Diethyl Ether
Concen: 20.216 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 74 Resp: 88657
Ion Ratio Lower Upper
74 100
45 92.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.889 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

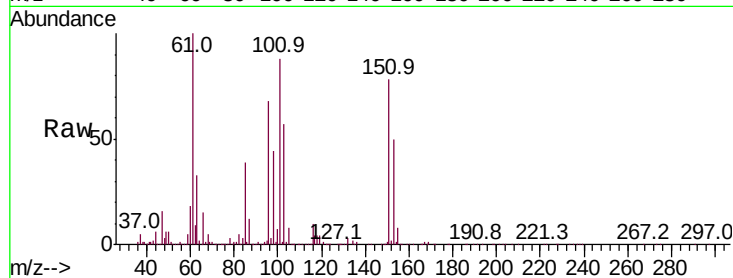
Tot Ion:101 Resp: 131044

Ion Ratio Lower Upper

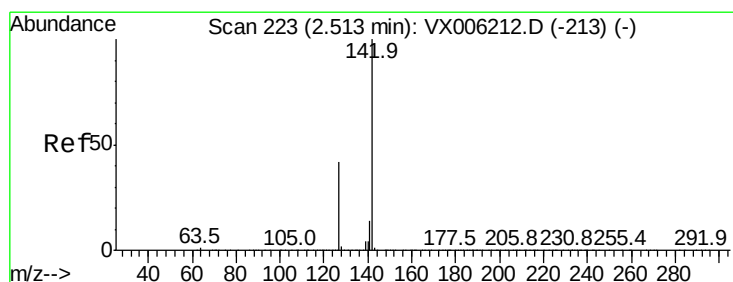
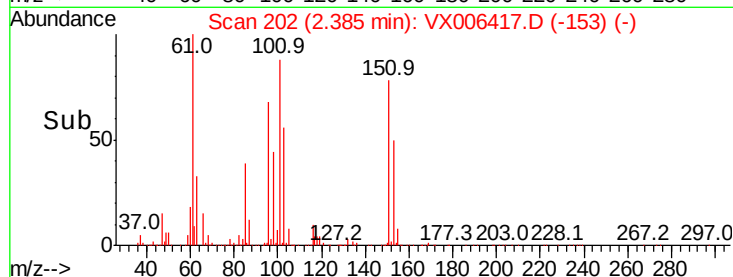
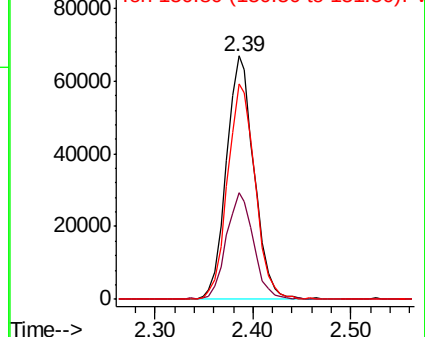
101 100

85 42.6 35.5 53.3

151 88.2 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: 19.404 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

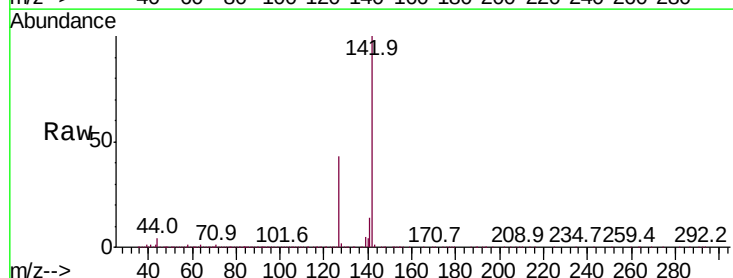
Tgt Ion:142 Resp: 192674

Ion Ratio Lower Upper

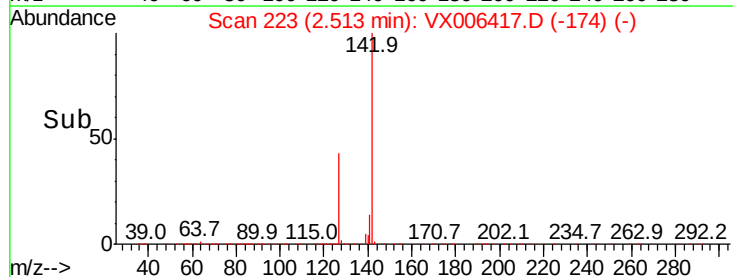
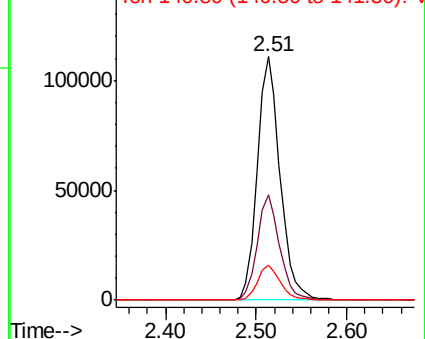
142 100

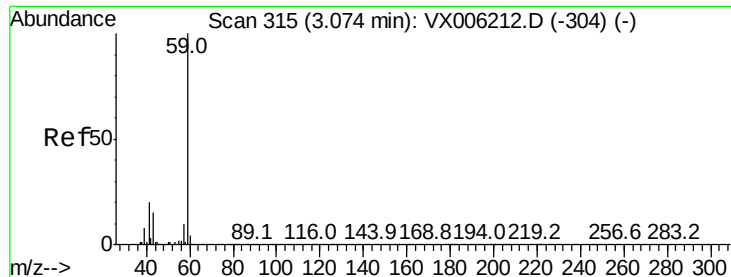
127 42.4 34.8 52.2

141 13.9 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



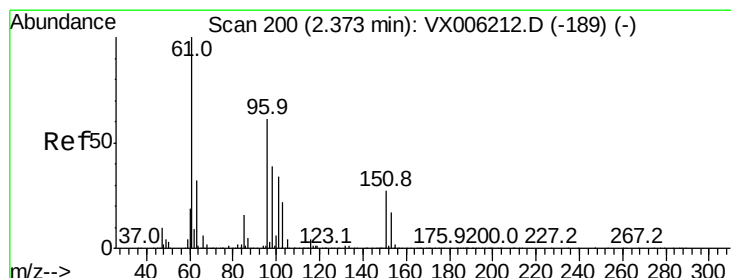
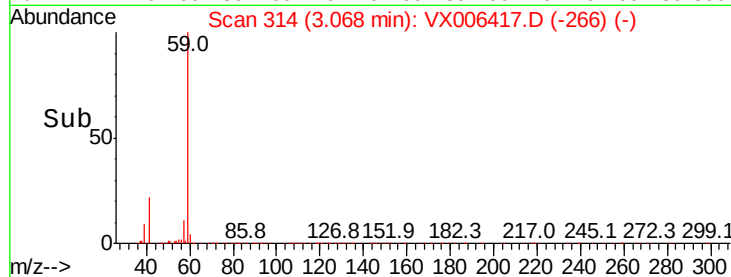
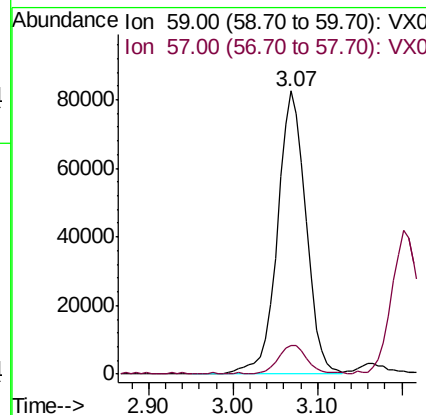
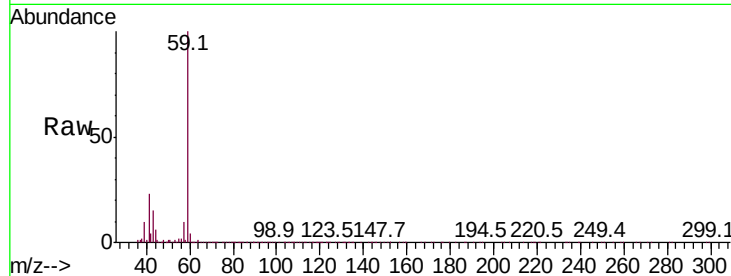


#11

Tert butyl alcohol
 Concen: 99.208 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :

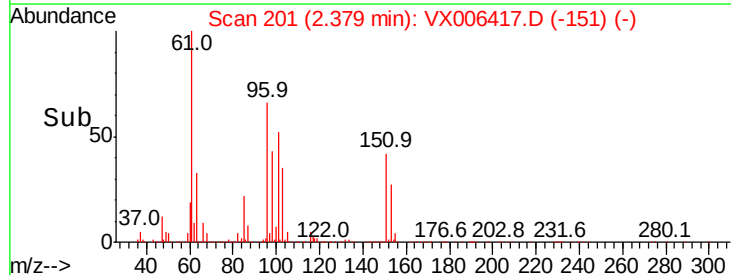
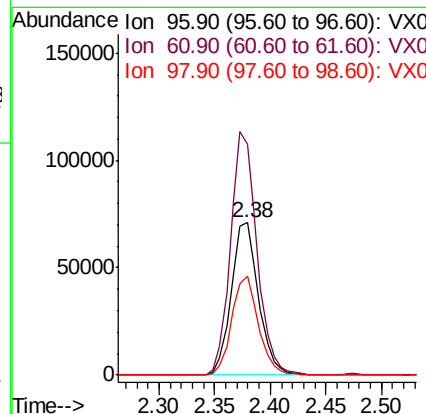
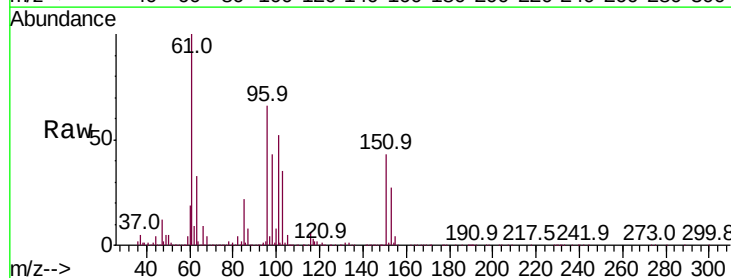
Tot Ion: 59 Resp: 193064
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

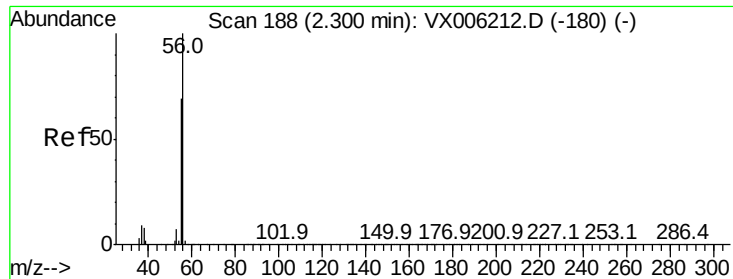


#12

1,1-Dichloroethene
 Concen: 19.077 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion: 96 Resp: 120326
 Ion Ratio Lower Upper
 96 100
 61 151.5 131.7 197.5
 98 65.1 51.8 77.6

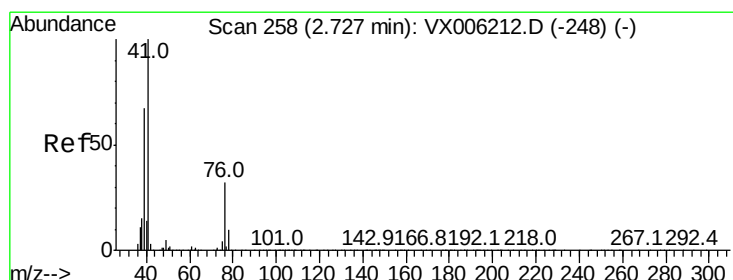
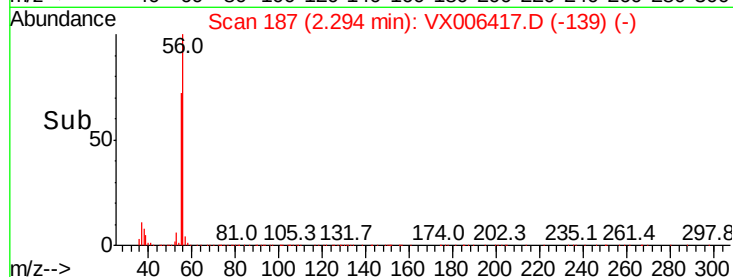
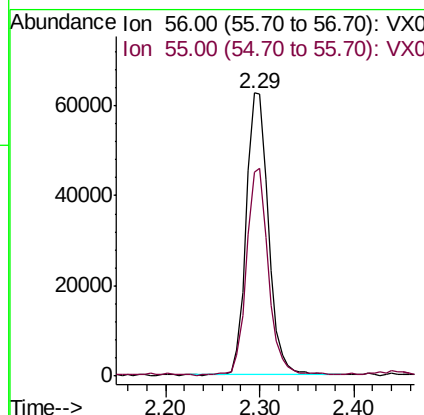
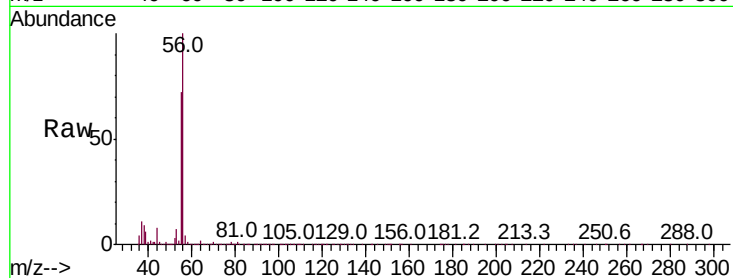




#13
Acrolein
Concen: 96.682 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

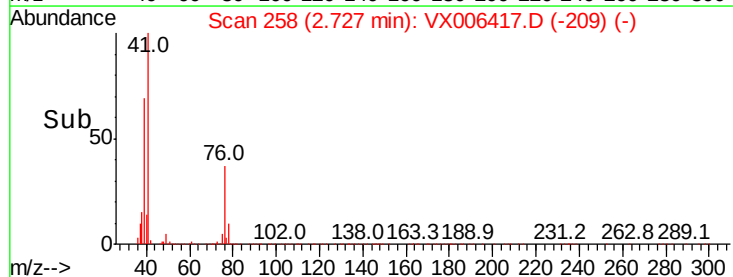
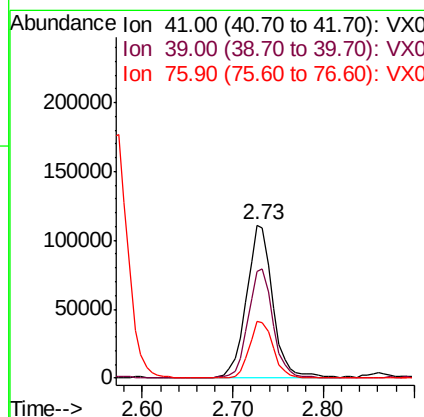
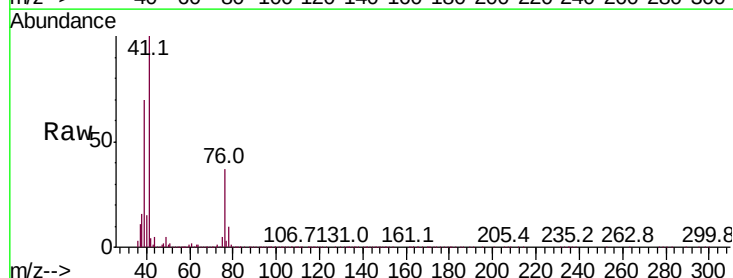
Instrument :
MSVOA_X
ClientSampleId :

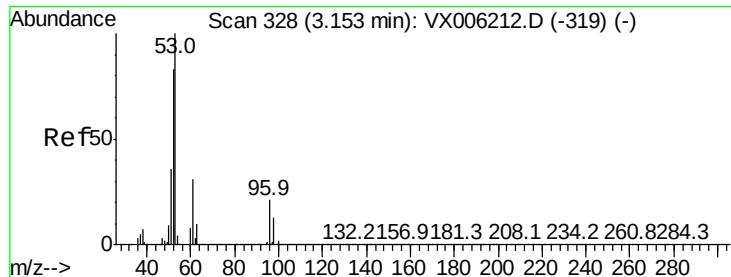
Tot Ion: 56 Resp: 102835
Ion Ratio Lower Upper
56 100
55 72.5 57.8 86.6



#14
Allyl chloride
Concen: 17.565 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 41 Resp: 218859
Ion Ratio Lower Upper
41 100
39 68.0 52.4 78.6
76 34.6 25.4 38.0





#15

Acrylonitrile

Concen: 97.273 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :

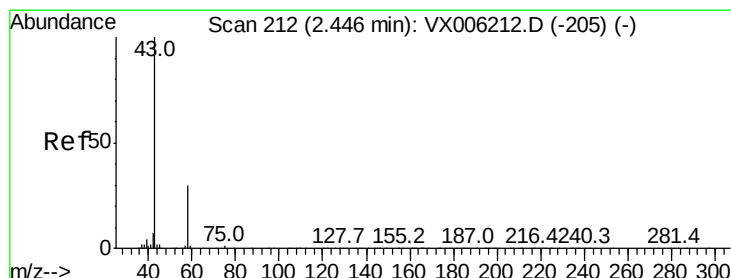
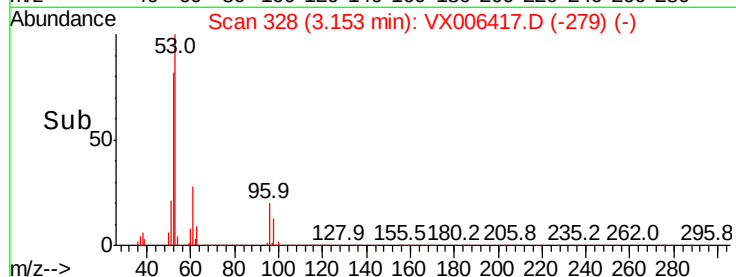
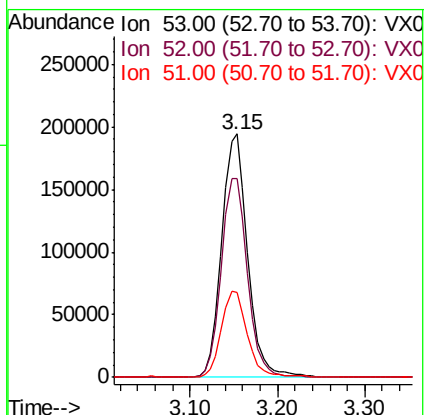
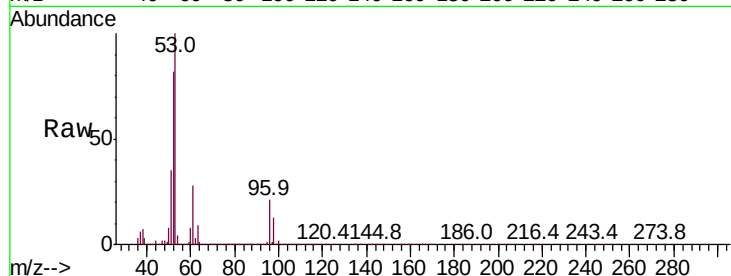
Tot Ion: 53 Resp: 395022

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

51 35.6 28.7 43.1



#16

Acetone

Concen: 104.716 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006417.D

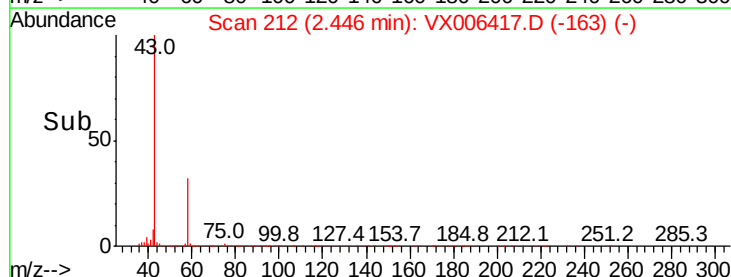
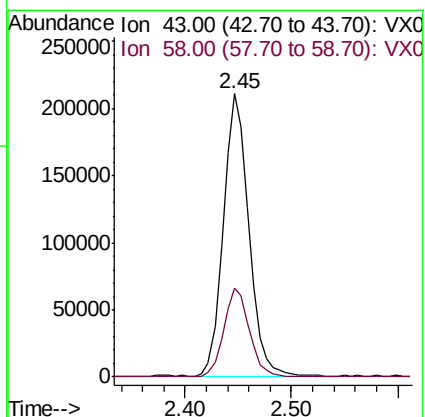
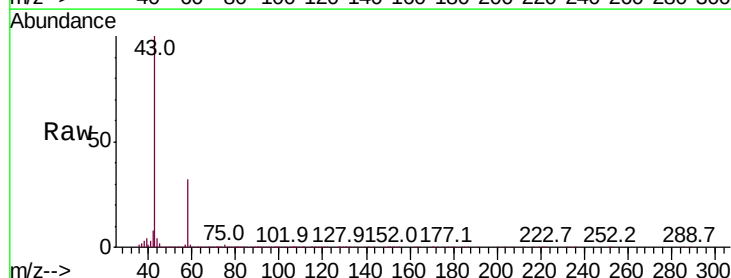
Acq: 11 Dec 2018 13:44

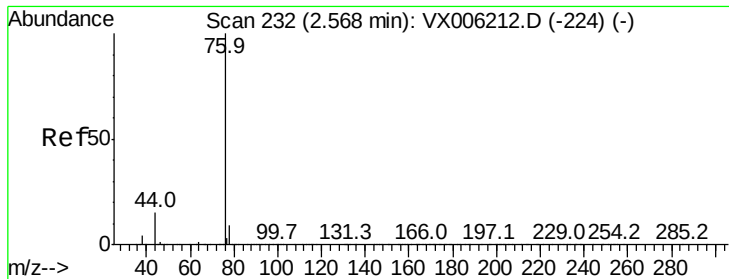
Tgt Ion: 43 Resp: 349698

Ion Ratio Lower Upper

43 100

58 31.6 24.0 36.0





#17

Carbon Disulfide

Concen: 15.512 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

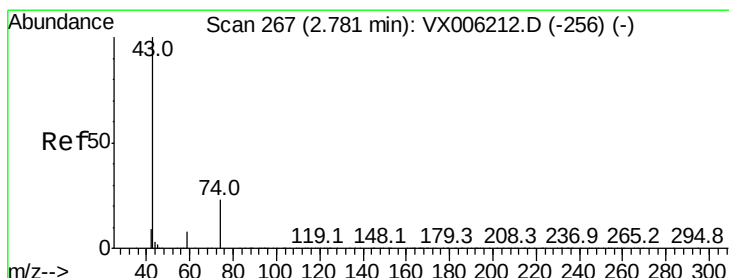
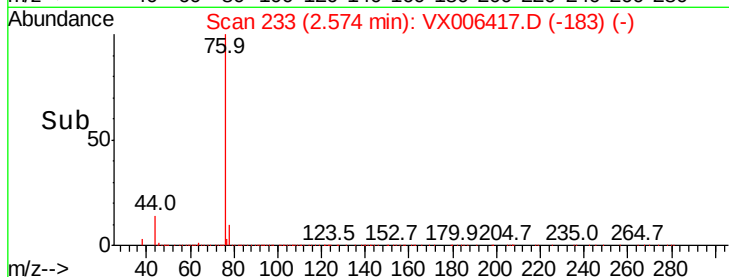
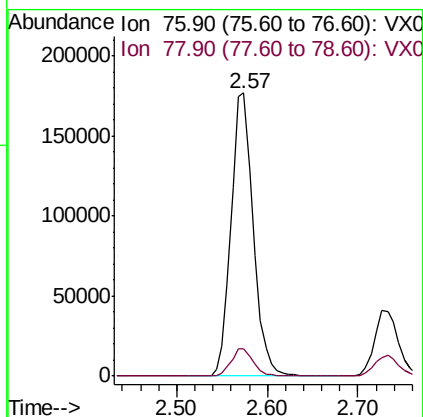
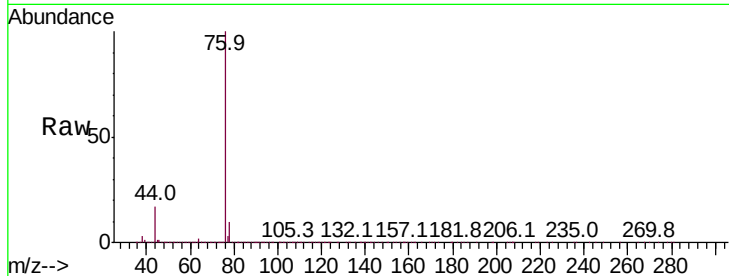
ClientSampleId :

Tot Ion: 76 Resp: 301501

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



#18

Methyl Acetate

Concen: 20.871 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006417.D

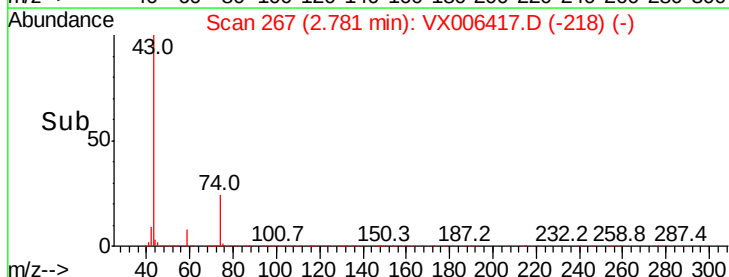
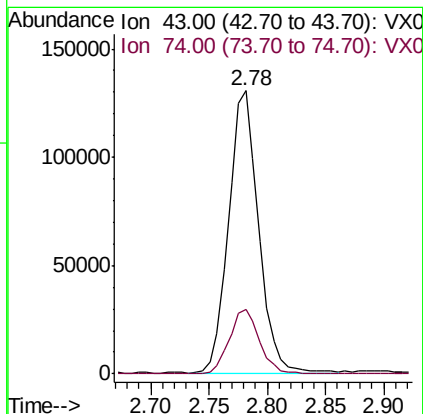
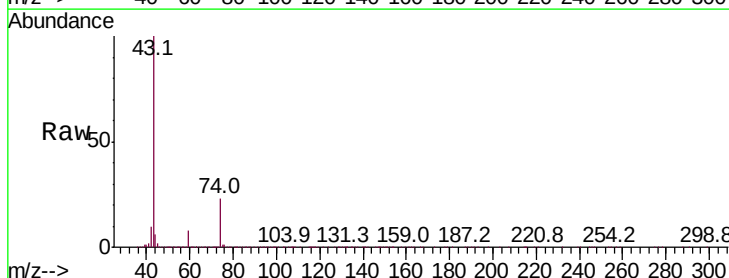
Acq: 11 Dec 2018 13:44

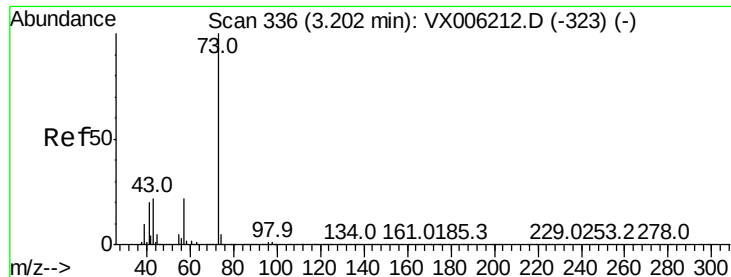
Tgt Ion: 43 Resp: 233086

Ion Ratio Lower Upper

43 100

74 23.2 17.9 26.9



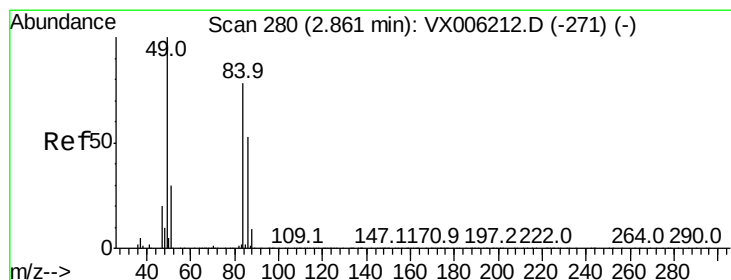
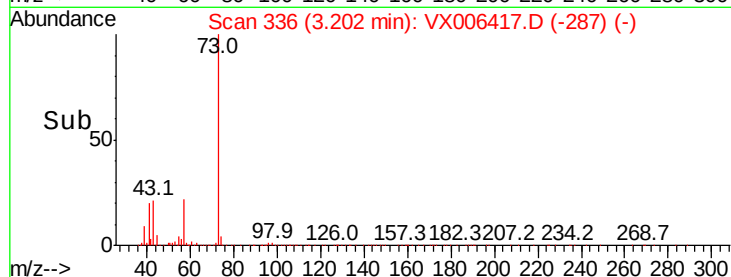
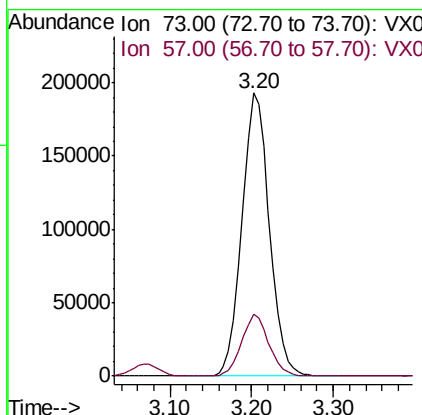
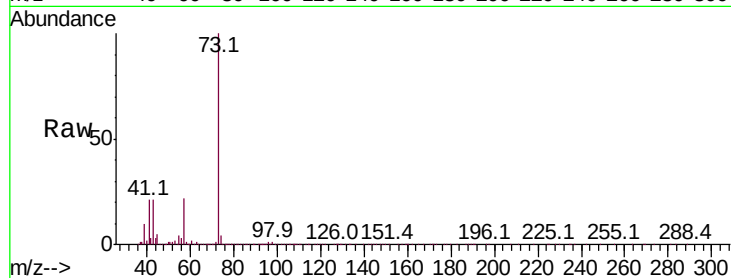


#19

Methyl tert-butyl Ether
 Concen: 20.004 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :

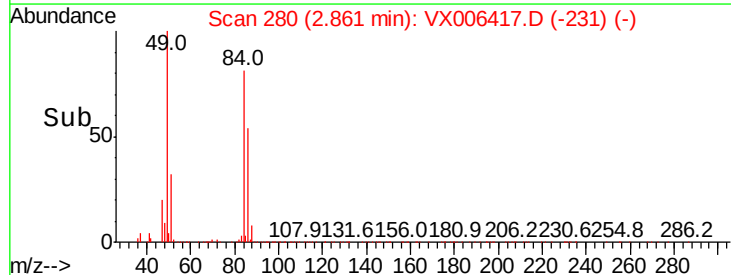
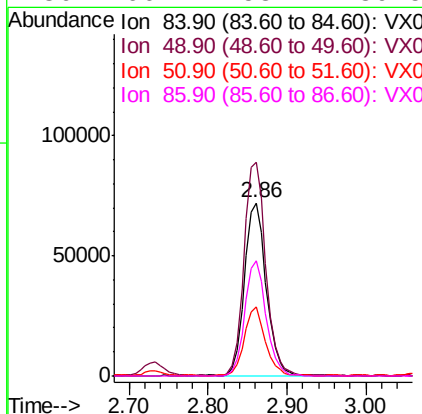
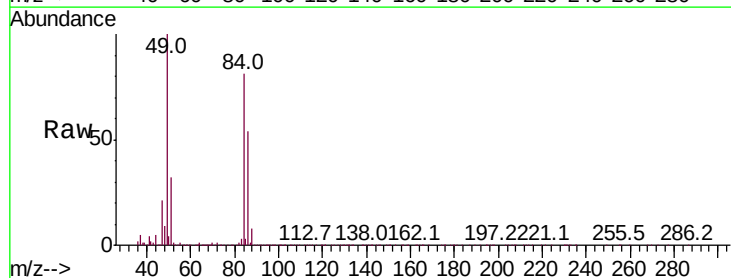
Tot Ion: 73 Resp: 450121
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.5 26.3

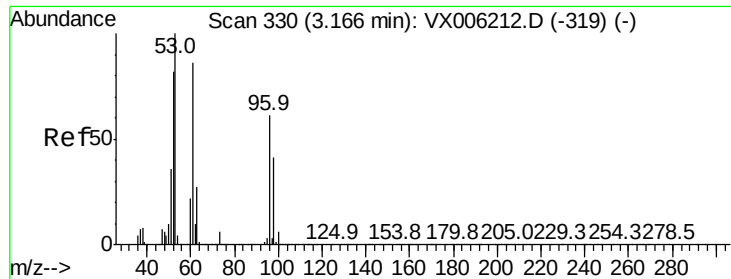


#20

Methylene Chloride
 Concen: 19.591 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion: 84 Resp: 139238
 Ion Ratio Lower Upper
 84 100
 49 123.2 102.2 153.4
 51 39.3 31.1 46.7
 86 66.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.156 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampled :

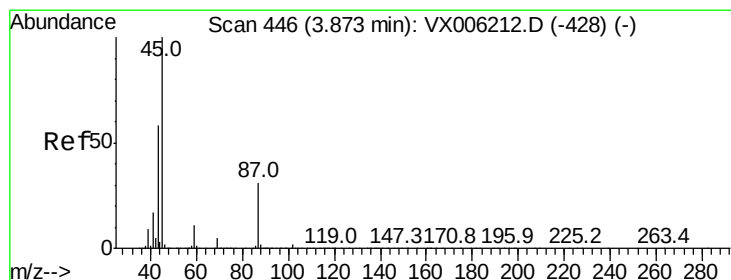
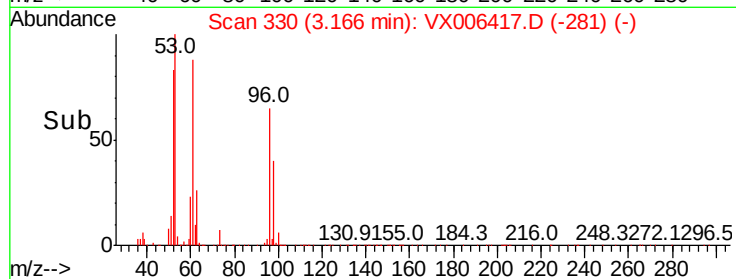
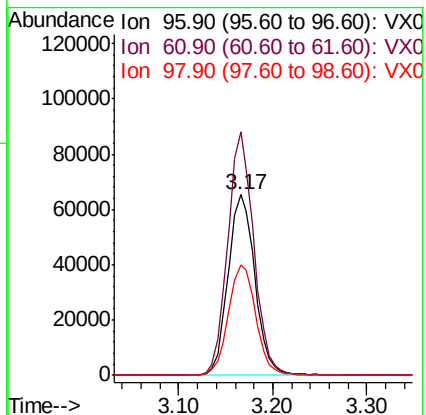
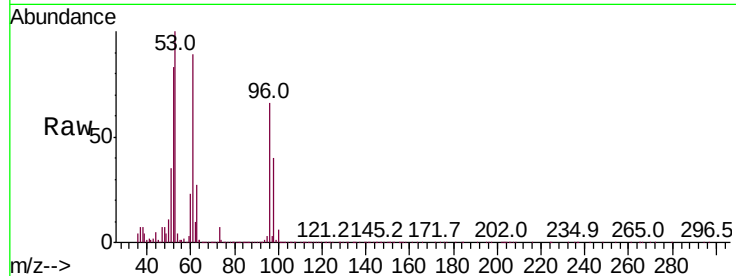
Tot Ion: 96 Resp: 128759

Ion Ratio Lower Upper

96 100

61 134.9 113.3 169.9

98 60.8 53.2 79.8



#22

Diisopropyl ether

Concen: 19.719 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Tgt Ion: 45 Resp: 383775

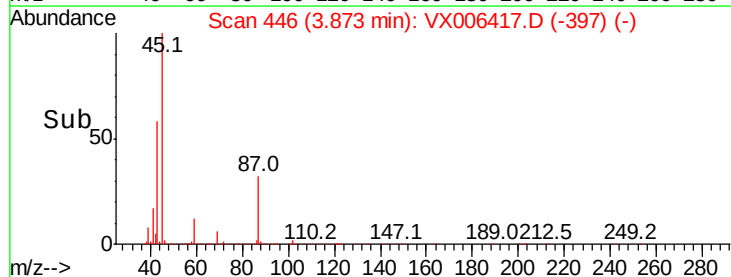
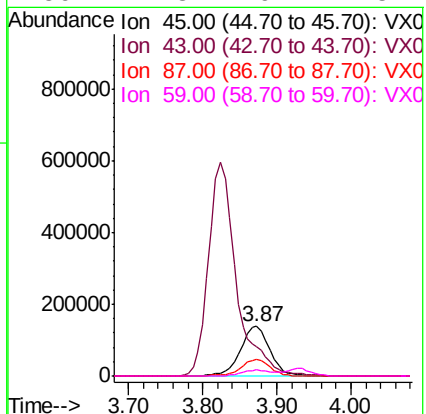
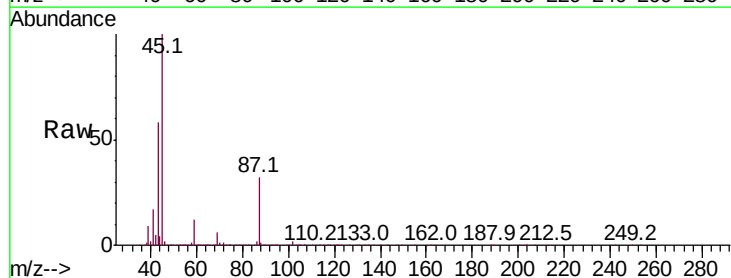
Ion Ratio Lower Upper

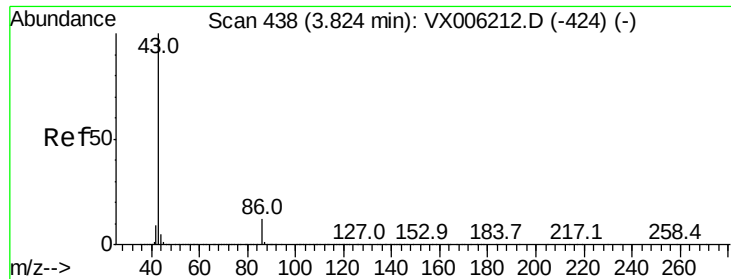
45 100

43 57.2 46.2 69.2

87 32.3 24.9 37.3

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 93.784 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

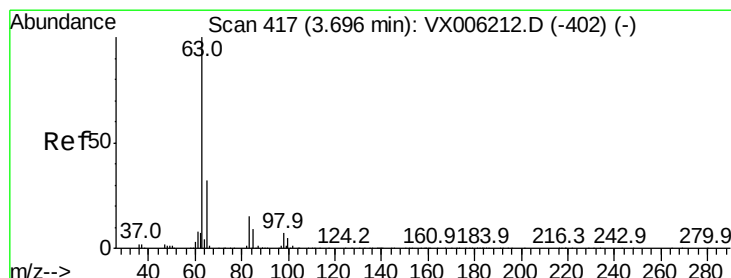
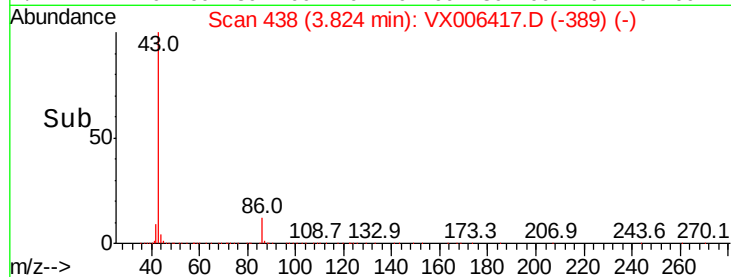
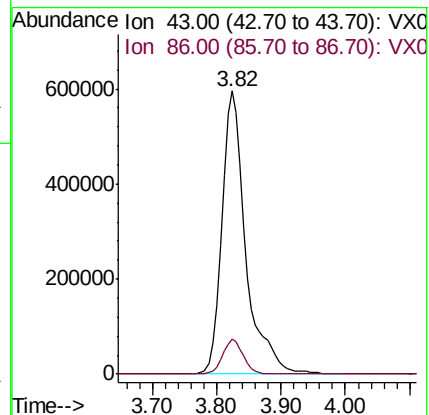
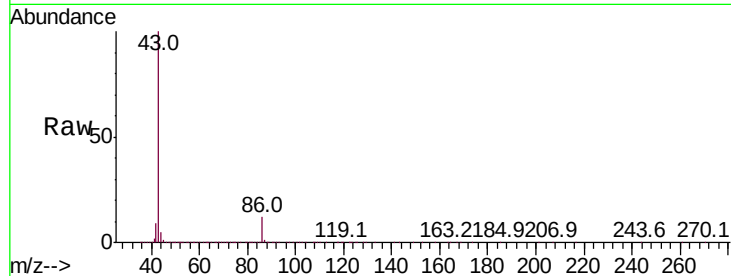
ClientSampleId :

Tot Ion: 43 Resp: 1556755

Ion Ratio Lower Upper

43 100

86 12.4 9.4 14.0



#24

1,1-Dichloroethane

Concen: 19.498 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

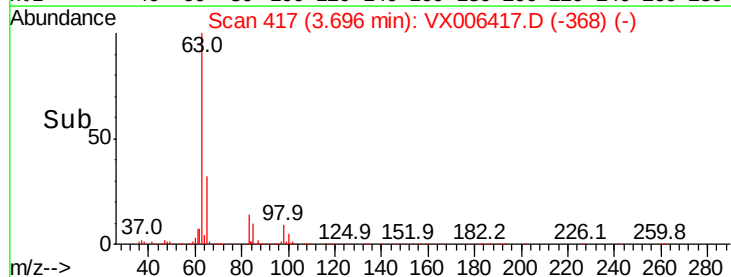
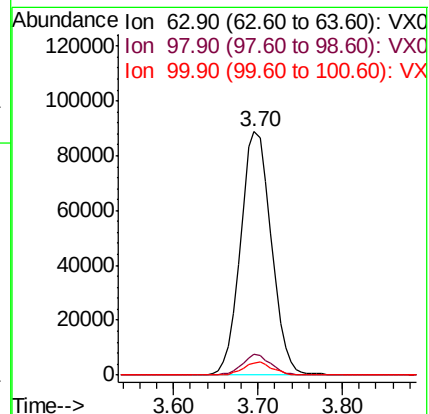
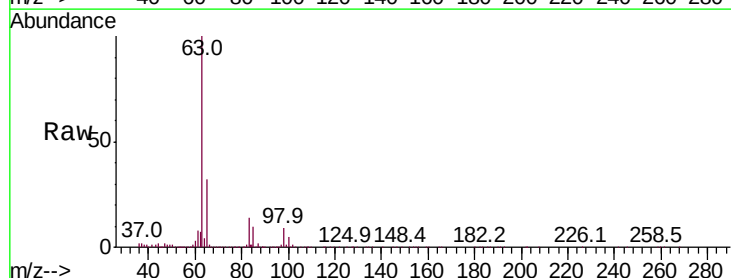
Tgt Ion: 63 Resp: 216893

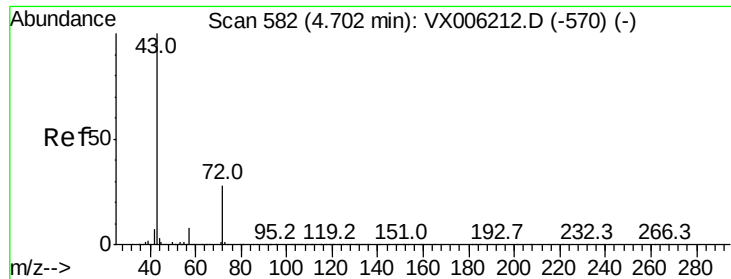
Ion Ratio Lower Upper

63 100

98 8.6 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 100.474 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

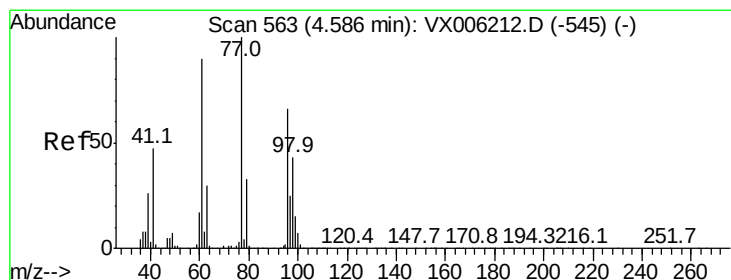
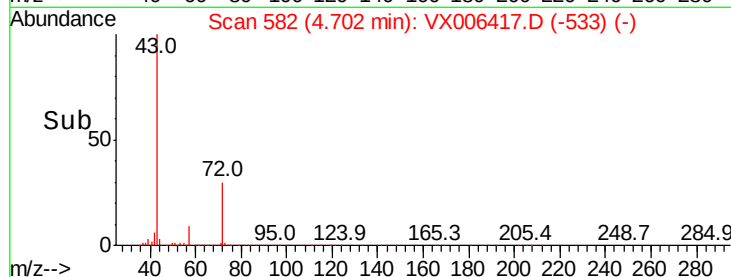
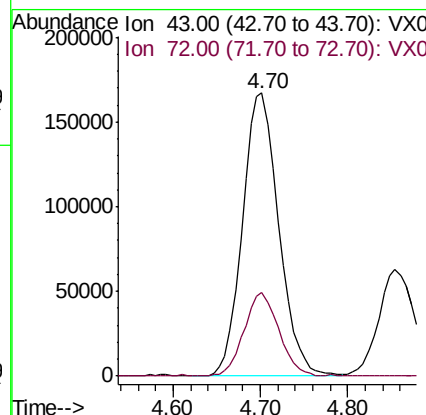
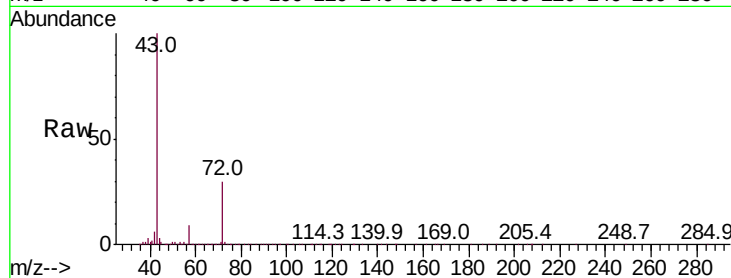
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 478755

Ion Ratio Lower Upper

43 100

72 29.3 22.6 33.8



#26

2,2-Dichloropropane

Concen: 17.531 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006417.D

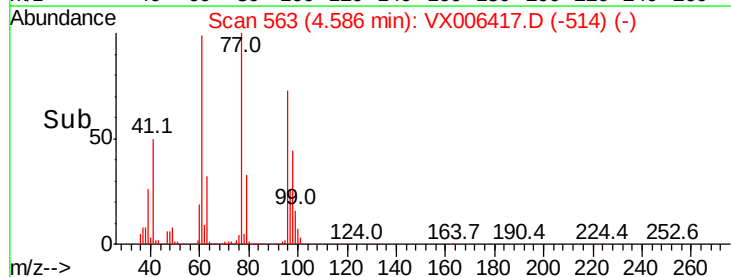
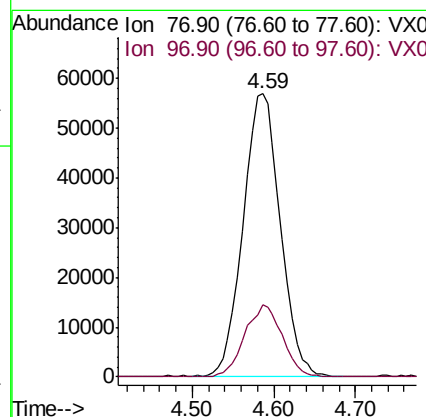
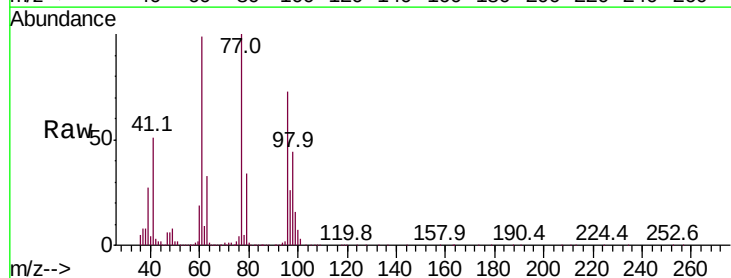
Acq: 11 Dec 2018 13:44

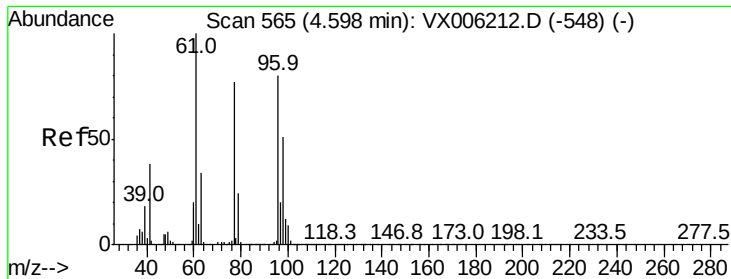
Tgt Ion: 77 Resp: 179972

Ion Ratio Lower Upper

77 100

97 25.9 12.3 36.8



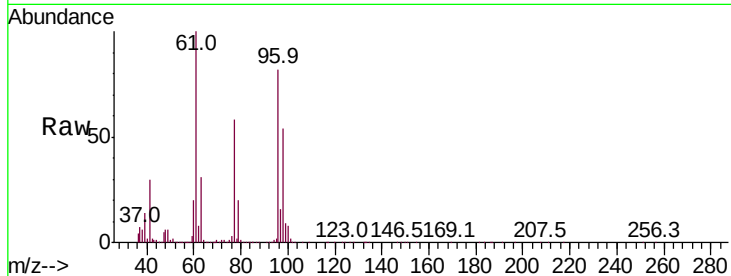


#27

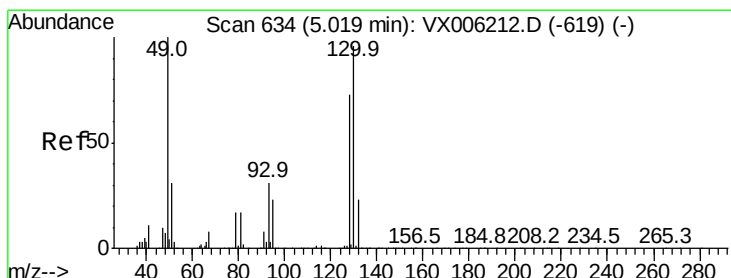
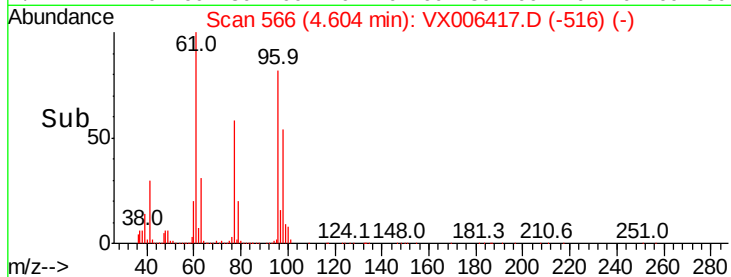
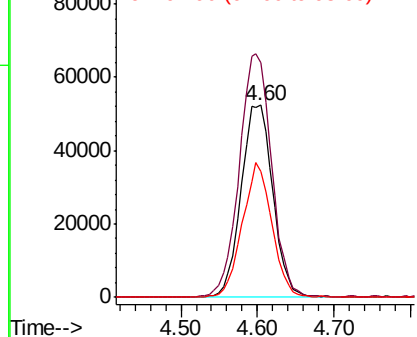
cis-1,2-Dichloroethene
Concen: 20.219 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	265.0
98	65.2	0.0	130.2



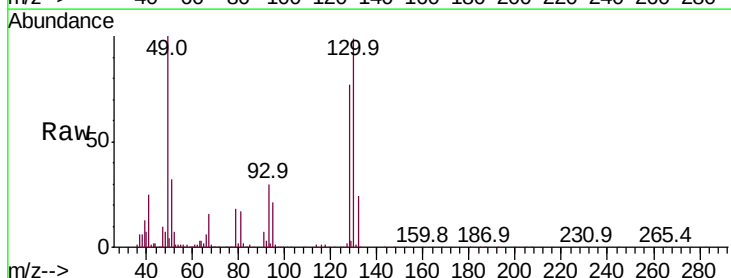
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



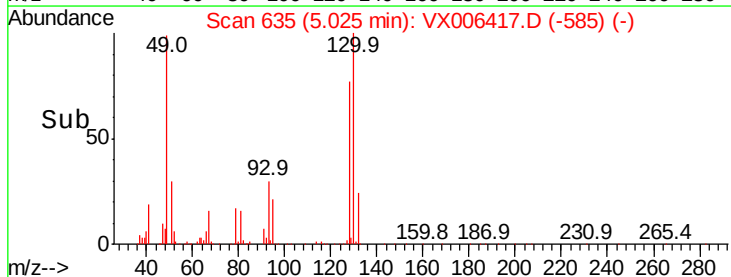
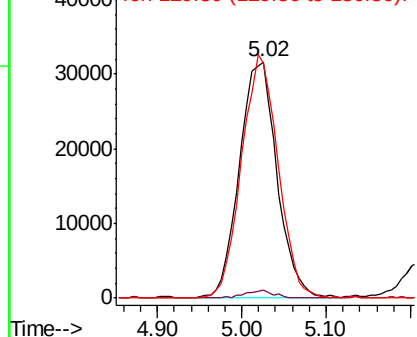
#28

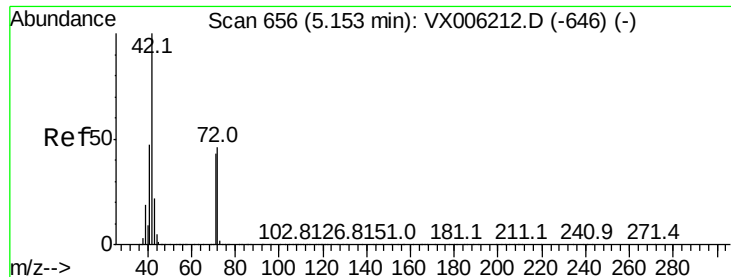
Bromochloromethane
Concen: 19.718 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	100.0	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: 95.307 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

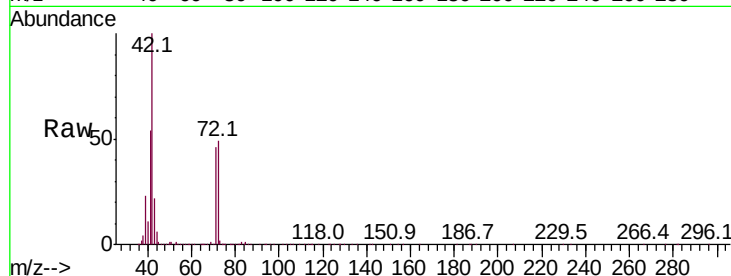
Tot Ion: 42 Resp: 315623

Ion Ratio Lower Upper

42 100

72 48.9 37.8 56.8

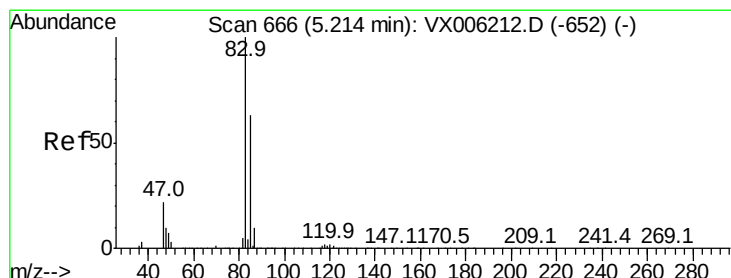
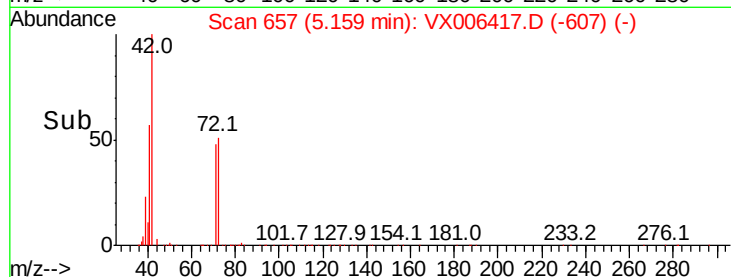
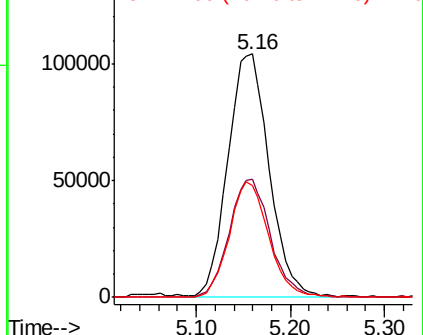
71 45.7 35.2 52.8



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: 19.800 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006417.D

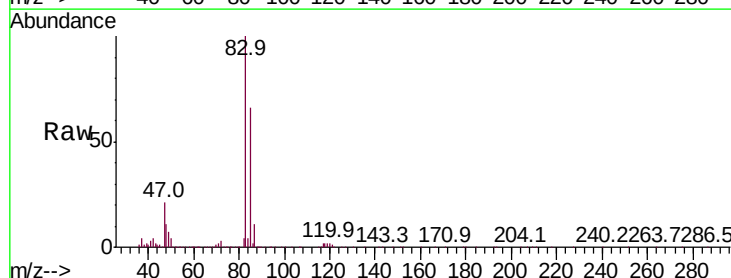
Acq: 11 Dec 2018 13:44

Tgt Ion: 83 Resp: 231460

Ion Ratio Lower Upper

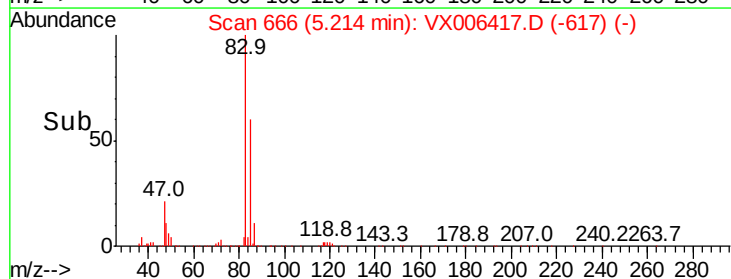
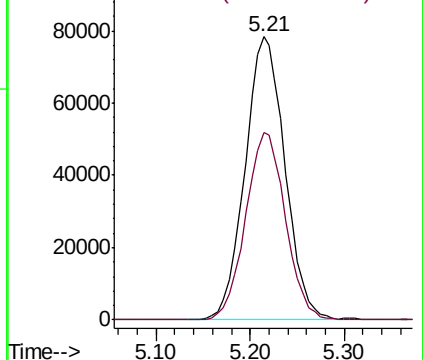
83 100

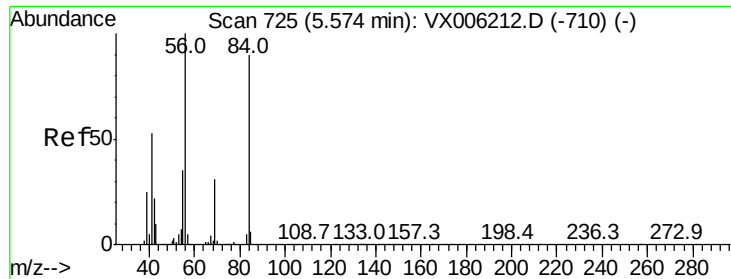
85 65.9 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

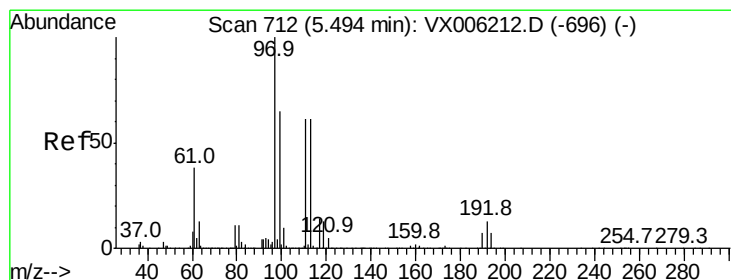
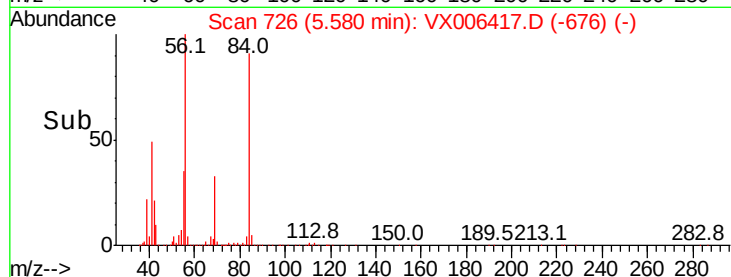
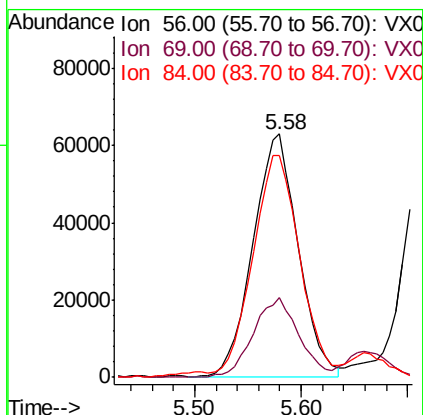
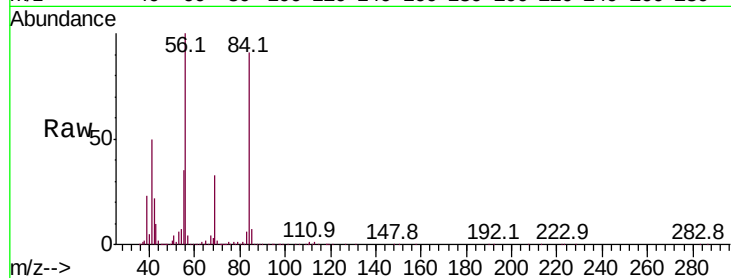




#31
Cyclohexane
Concen: 18.096 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

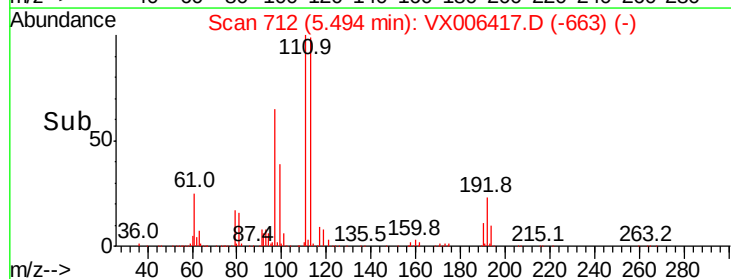
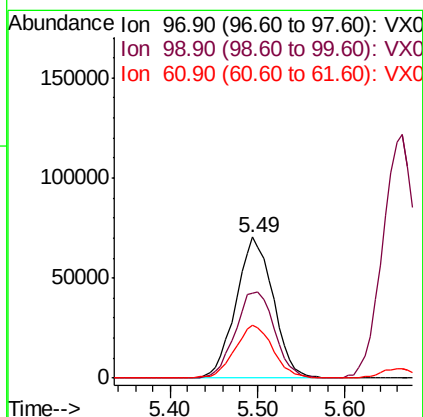
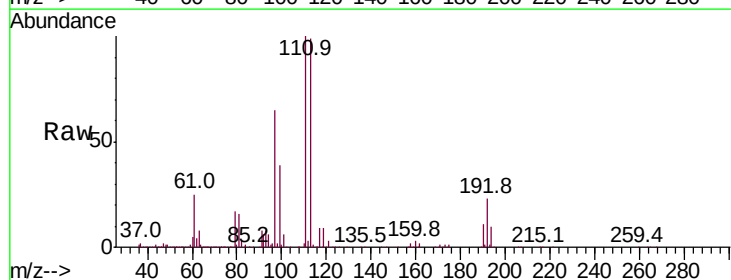
Instrument :
MSVOA_X
ClientSampleId :

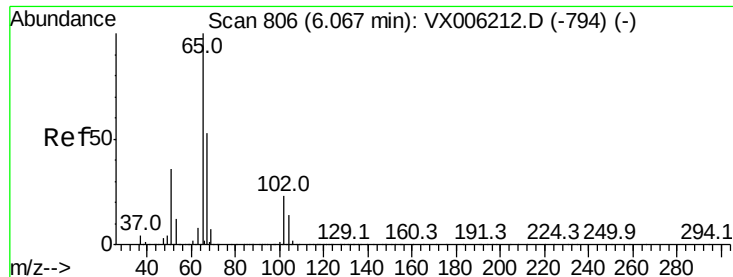
Tot Ion: 56 Resp: 186027
Ion Ratio Lower Upper
56 100
69 32.7 24.5 36.7
84 89.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.720 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 97 Resp: 208212
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 38.0 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 49.108 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

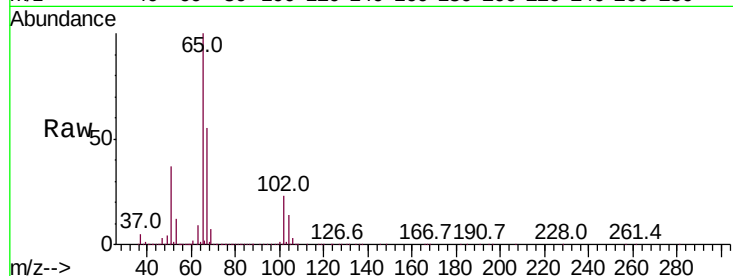
ClientSampleId :

Tot Ion: 65 Resp: 349454

Ion Ratio Lower Upper

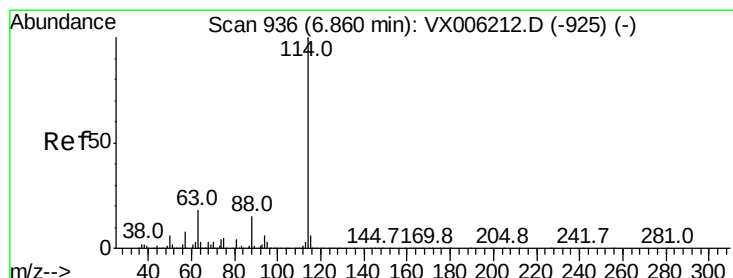
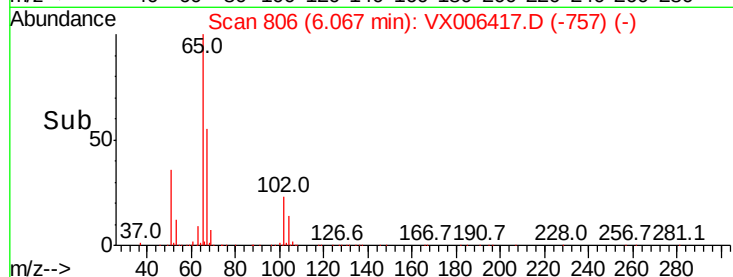
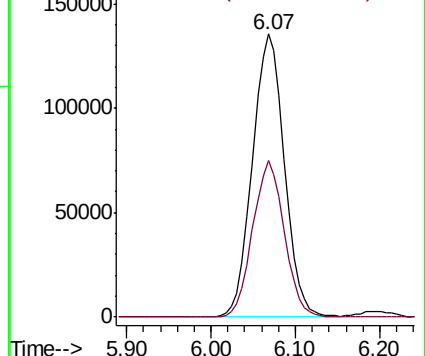
65 100

67 55.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

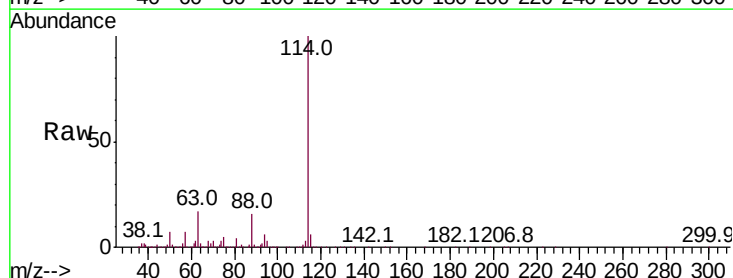
Tgt Ion: 114 Resp: 1020613

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

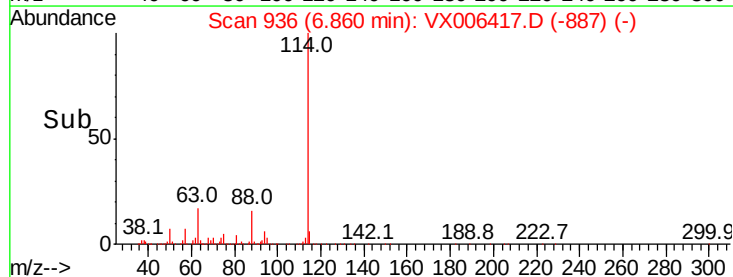
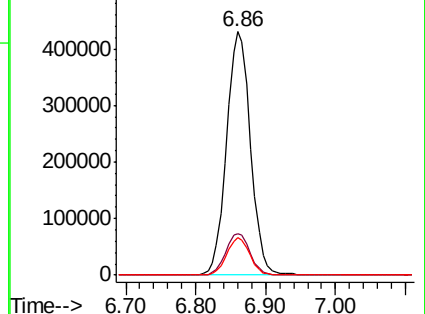
88 15.5 0.0 29.0

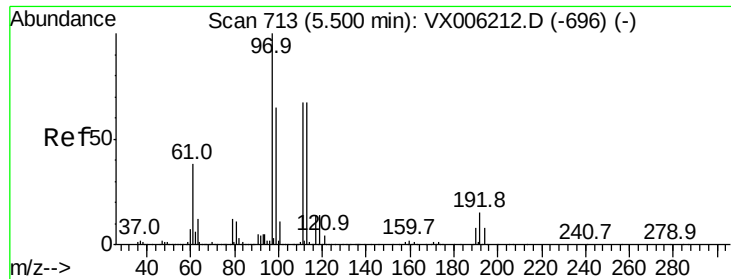


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.958 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

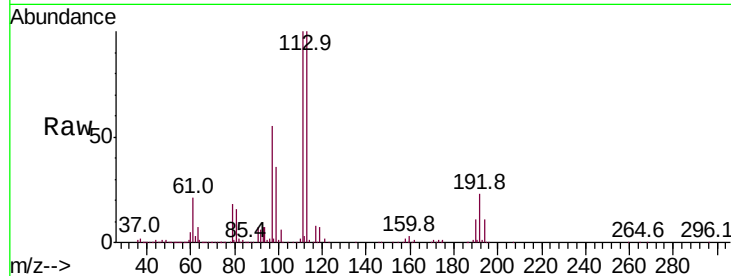
Tot Ion:113 Resp: 336735

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

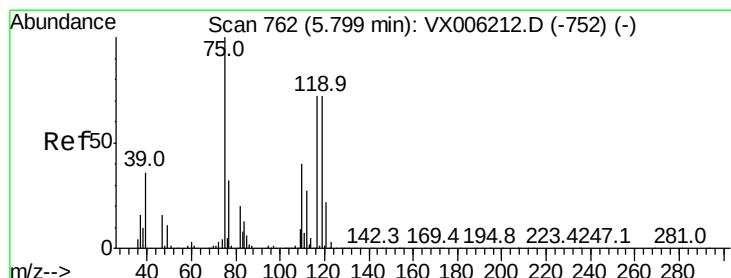
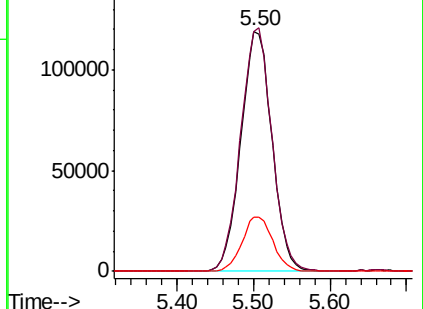
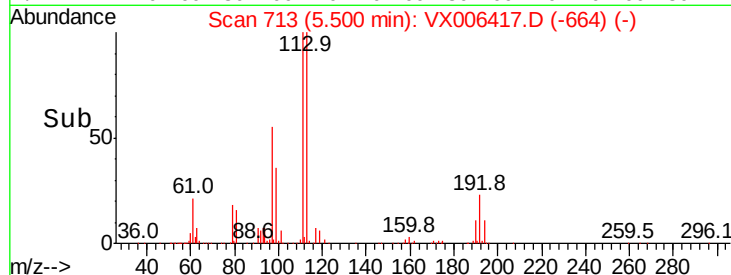
192 22.7 18.2 27.2



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: 18.988 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

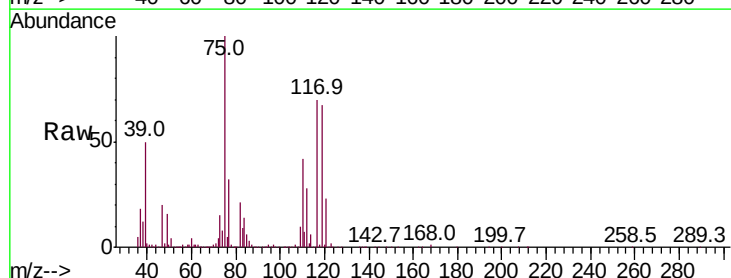
Tgt Ion: 75 Resp: 163194

Ion Ratio Lower Upper

75 100

110 41.7 20.4 61.3

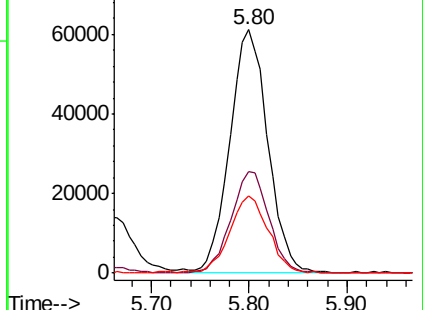
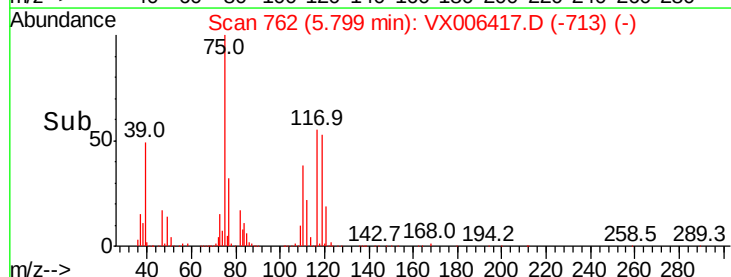
77 31.9 24.9 37.3

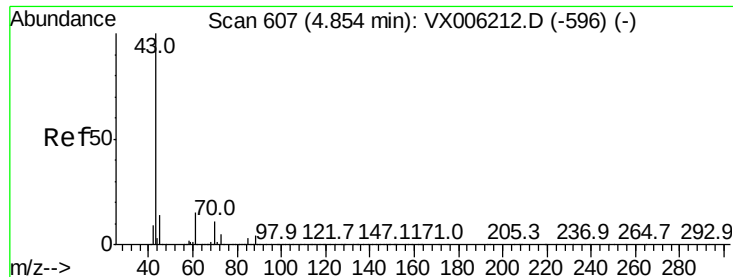


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

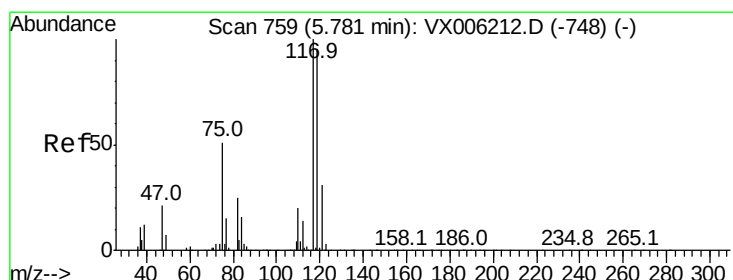
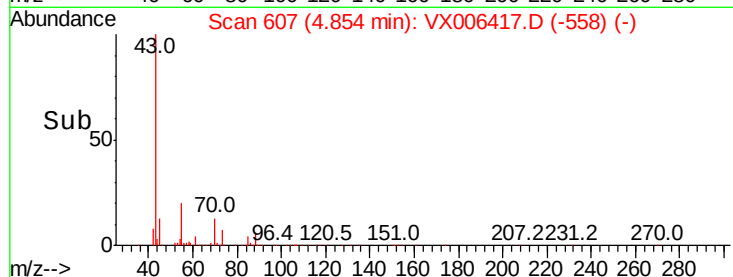
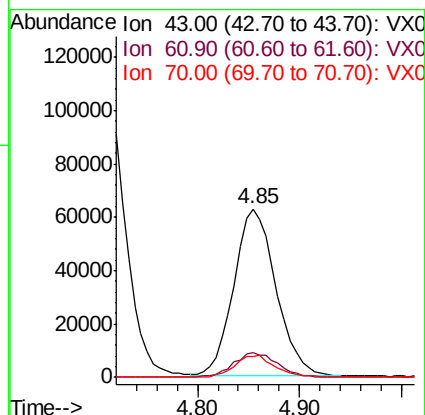
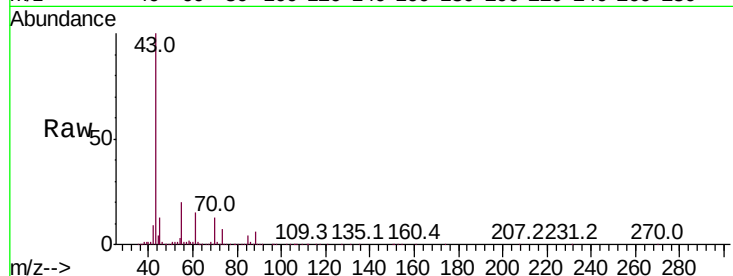




#37
Ethyl Acetate
Concen: 18.654 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

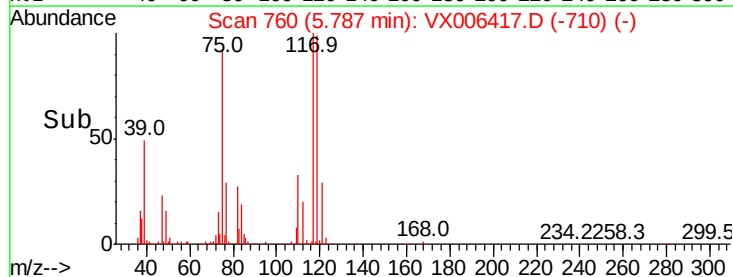
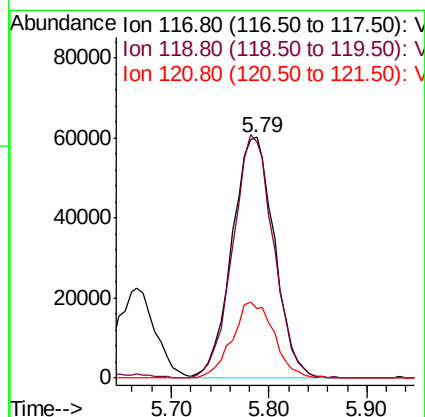
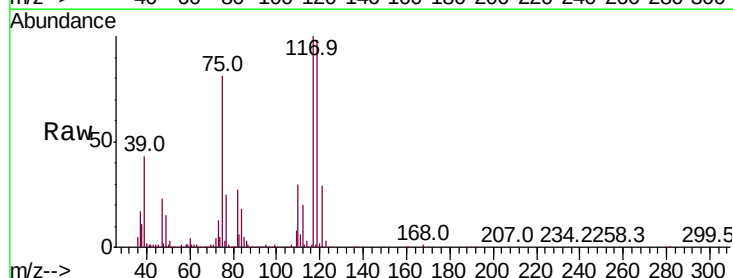
Instrument :
MSVOA_X
ClientSampled :

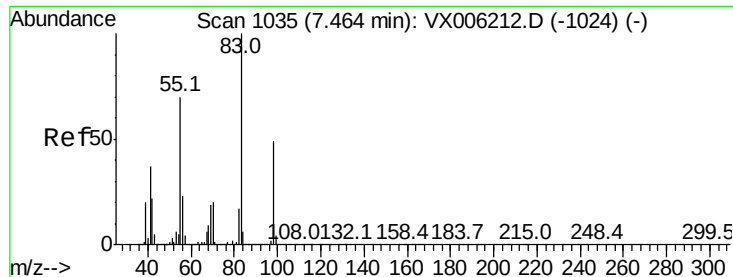
Tot Ion: 43 Resp: 179539
Ion Ratio Lower Upper
43 100
61 15.8 11.5 17.3
70 12.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.854 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 117 Resp: 180516
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
121 29.0 24.6 37.0

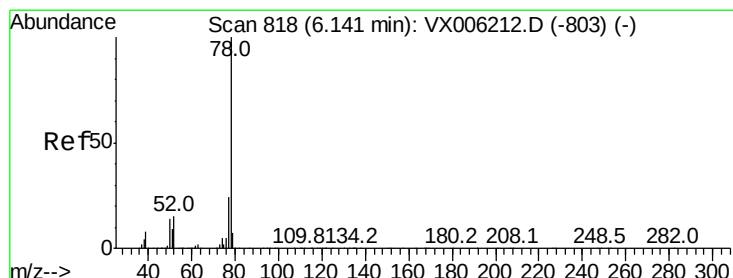
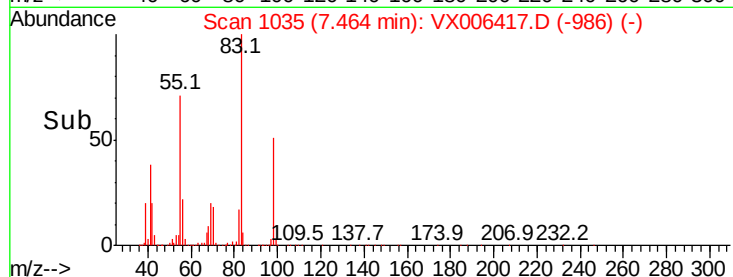
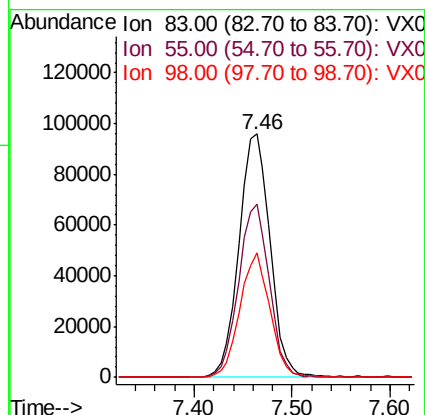
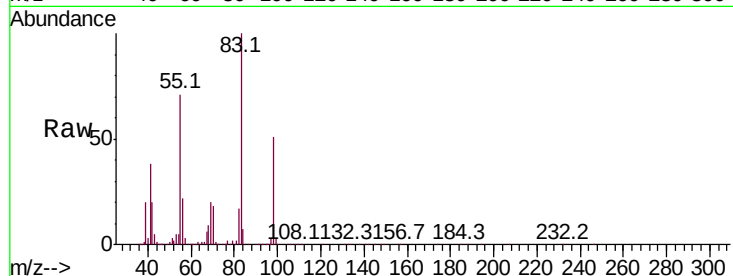




#39
Methylvlcyclohexane
Concen: 18.910 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

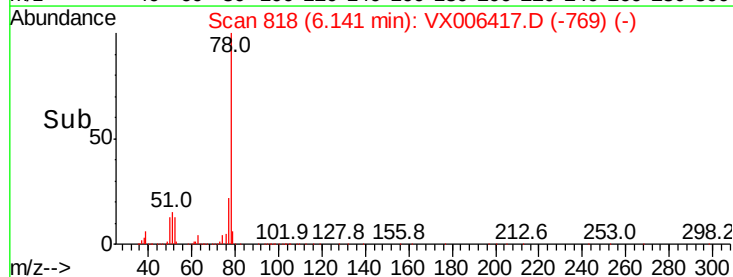
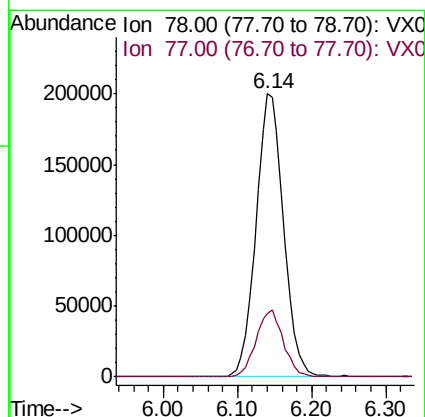
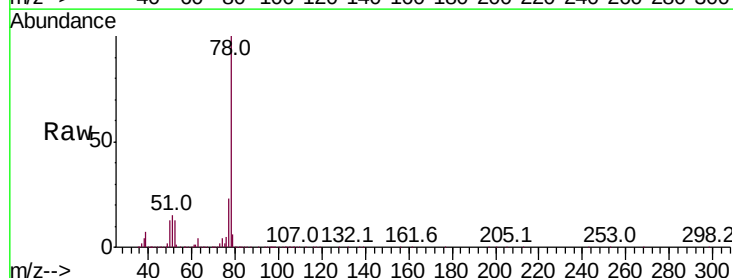
Instrument :
MSVOA_X
ClientSampleId :

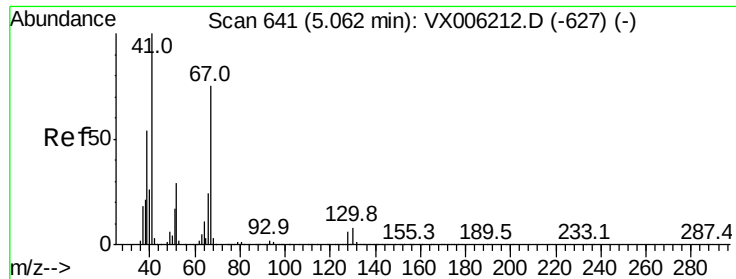
Tot Ion: 83 Resp: 210961
Ion Ratio Lower Upper
83 100
55 71.3 56.4 84.6
98 51.0 39.0 58.6



#40
Benzene
Concen: 20.126 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 78 Resp: 518085
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8

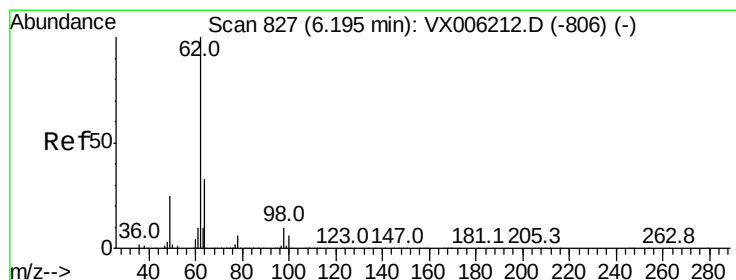
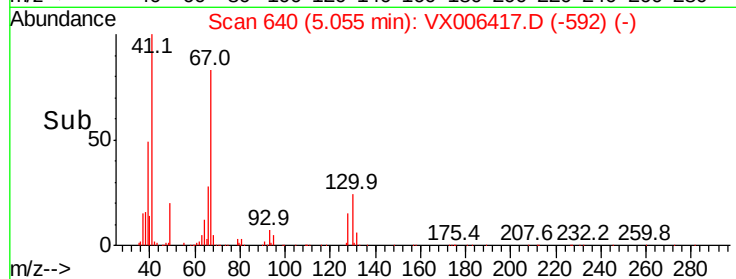
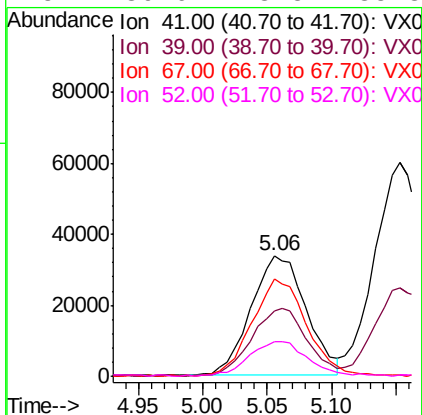
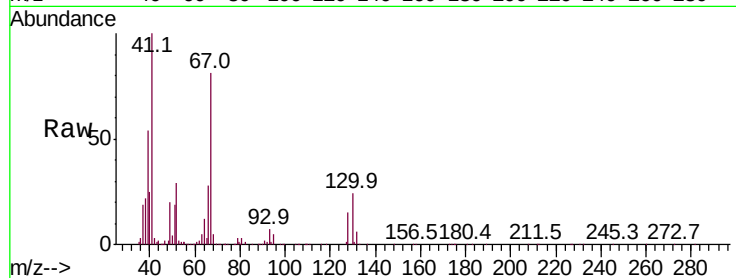




#41
Methacrylonitrile
Concen: 18.951 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

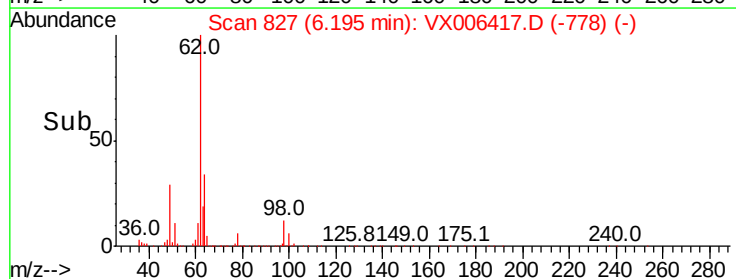
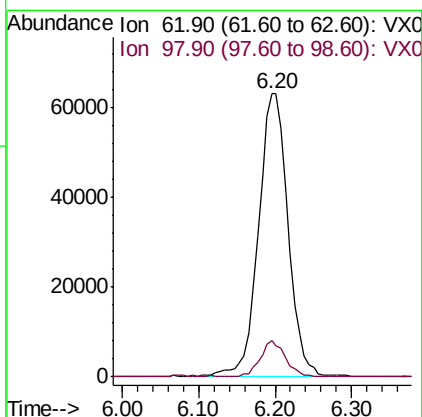
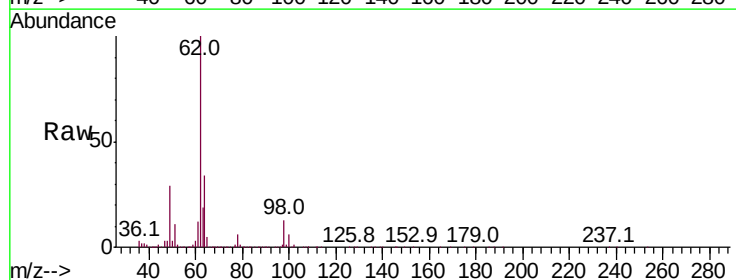
Instrument :
MSVOA_X
ClientSampleId :

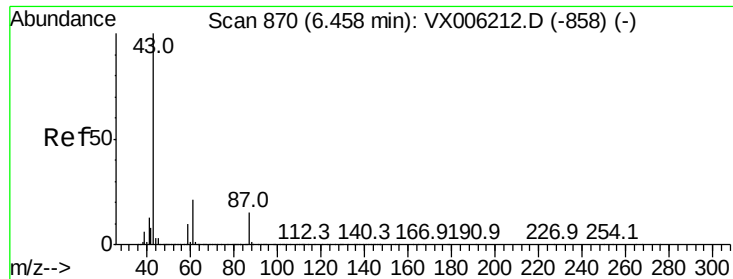
Tot Ion:	41	Resp:	100364
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.0	66.0
67	79.6	61.4	92.0
52	30.6	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.016 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion:	62	Resp:	168633
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.2



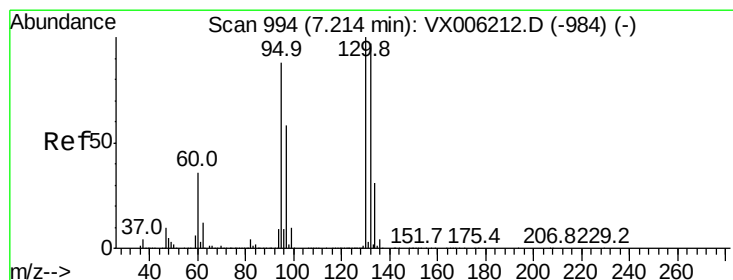
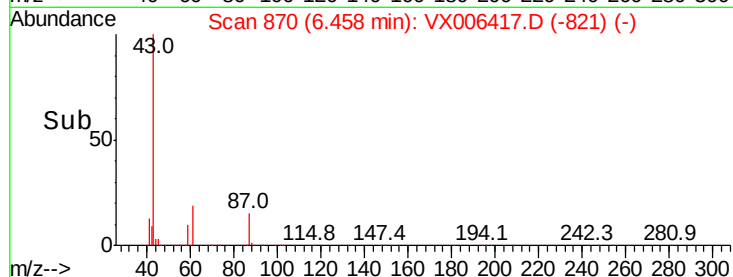
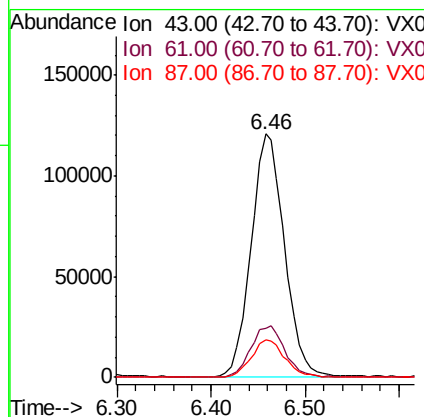
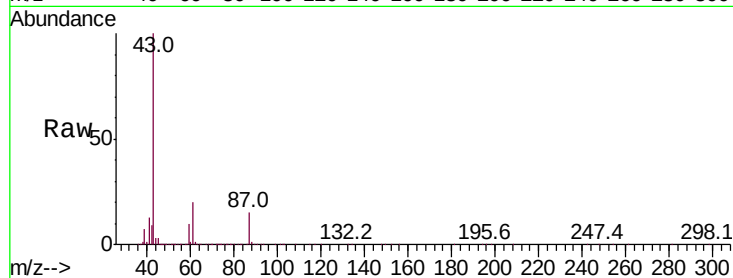


#43

Isopropyl Acetate
 Concen: 18.572 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :

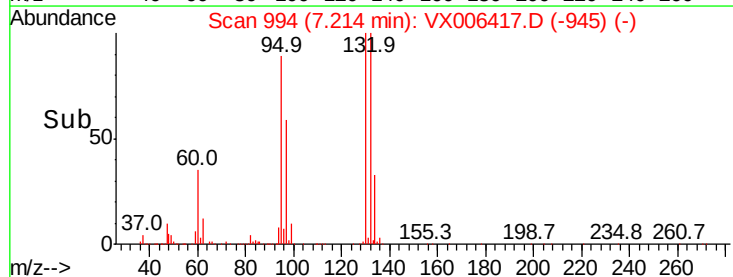
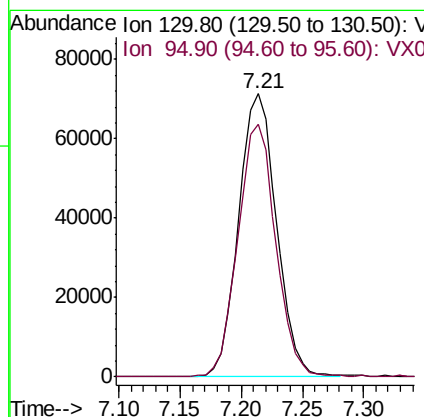
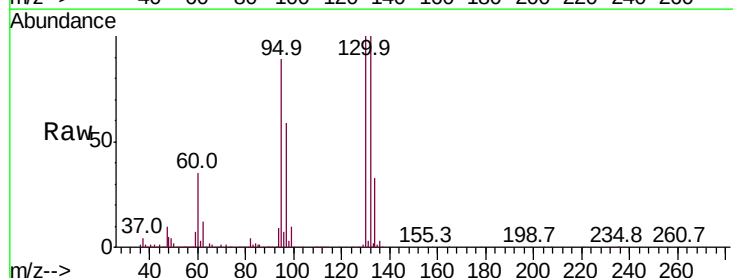
Tot Ion	43	Resp	298037
Ion Ratio	100	Lower	Upper
61	21.9	16.8	25.2
87	15.7	11.9	17.9

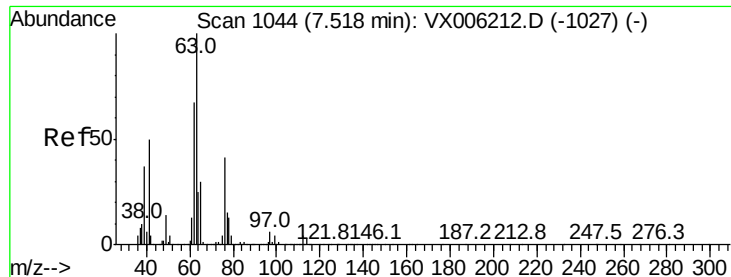


#44

Trichloroethene
 Concen: 19.706 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion	130	Resp	153669
Ion Ratio	100	Lower	Upper
95	89.4	0.0	175.8

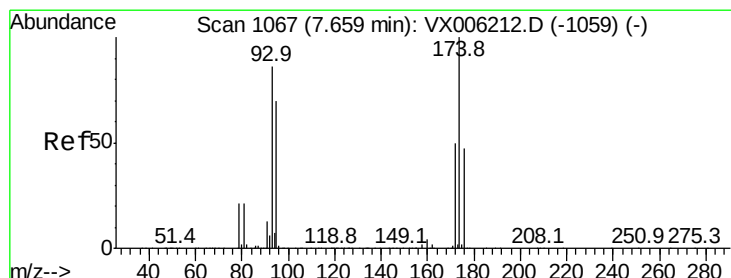
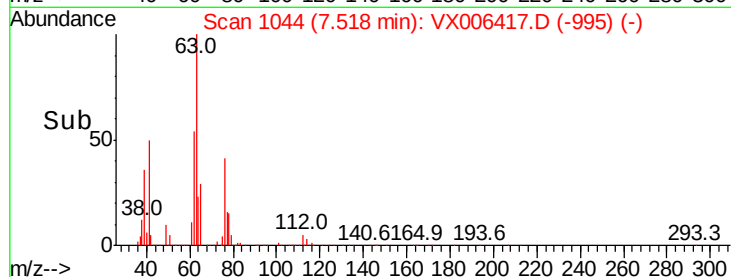
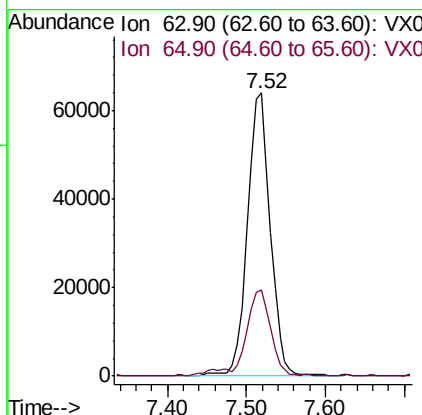
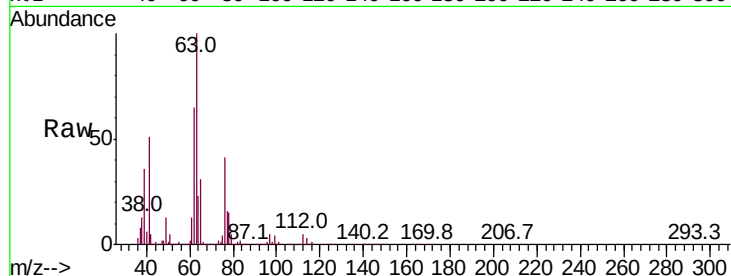




#45
 1,2-Dichloropropane
 Concen: 19.653 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

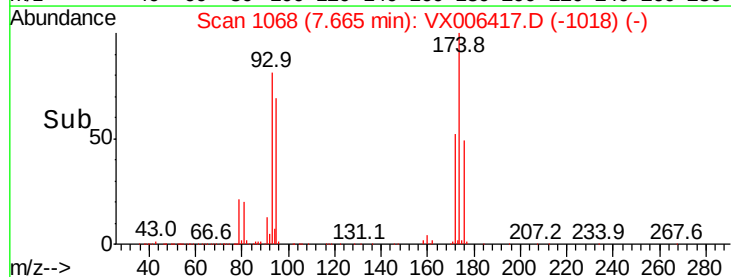
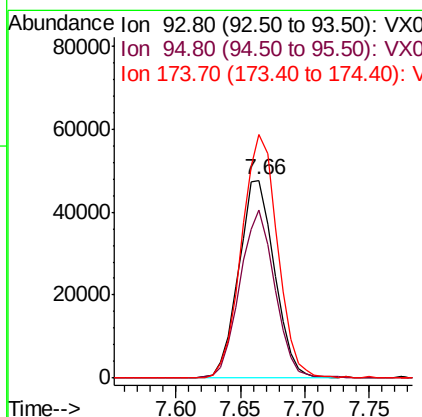
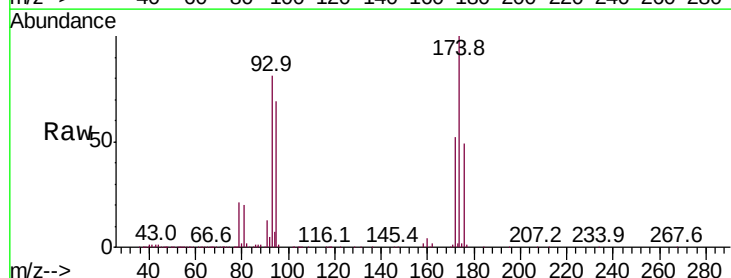
Instrument :
 MSVOA_X
 ClientSampleId :

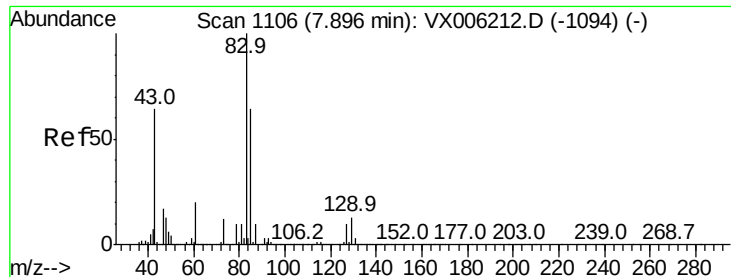
Tot Ion: 63 Resp: 128577
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 19.444 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion: 93 Resp: 91874
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 122.7 97.2 145.8





#47

Bromodichloromethane

Concen: 17.772 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :

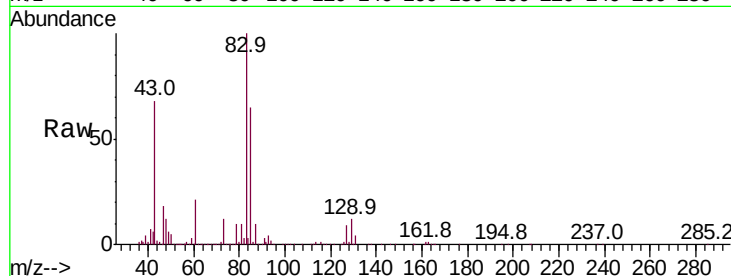
Tot Ion: 83 Resp: 162617

Ion Ratio Lower Upper

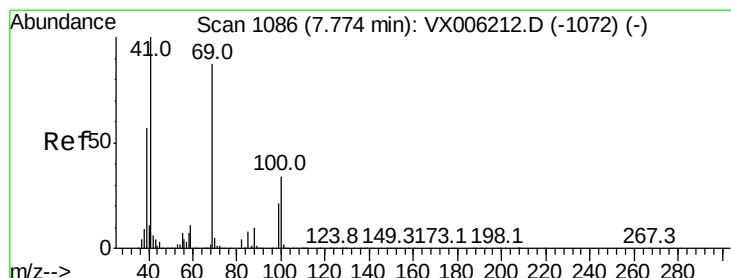
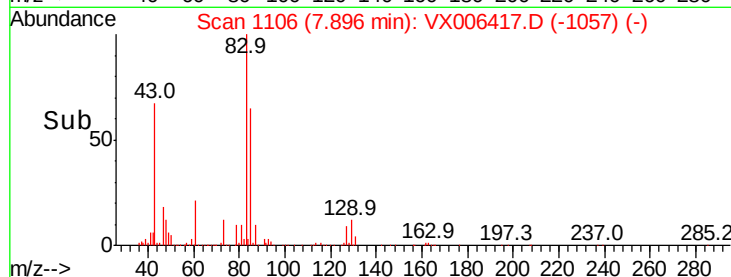
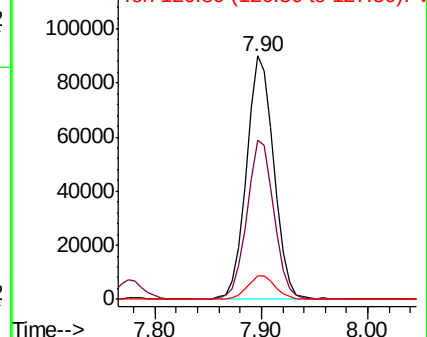
83 100

85 65.1 51.4 77.0

127 9.3 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: 19.080 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

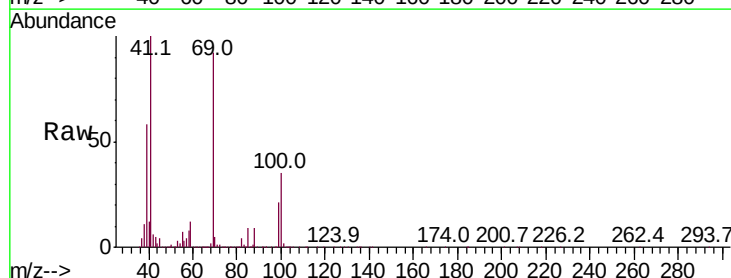
Tgt Ion: 41 Resp: 148957

Ion Ratio Lower Upper

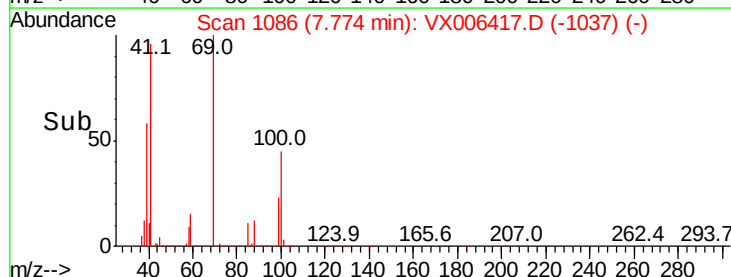
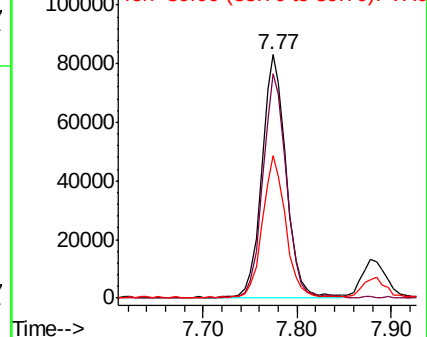
41 100

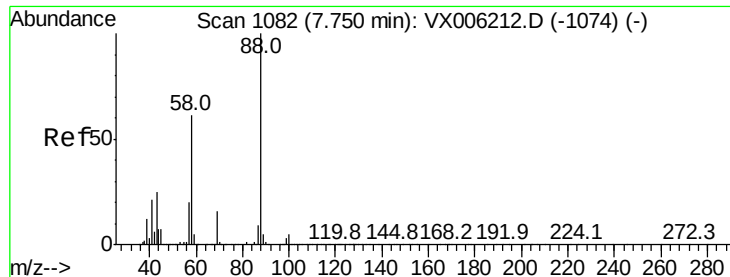
69 91.4 70.3 105.5

39 56.1 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: 408.769 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

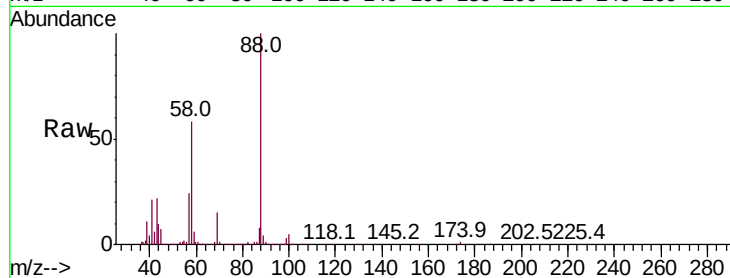
Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 78652

Ion	Ratio	Lower	Upper
88	100		
43	26.9	23.2	34.8
58	61.0	51.4	77.0

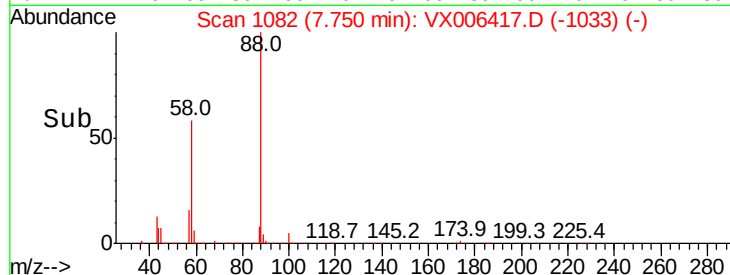


Abundance

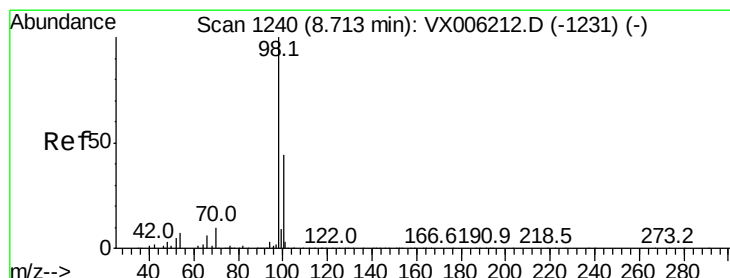
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.910 ug/l

RT: 8.71 min Scan# 1240

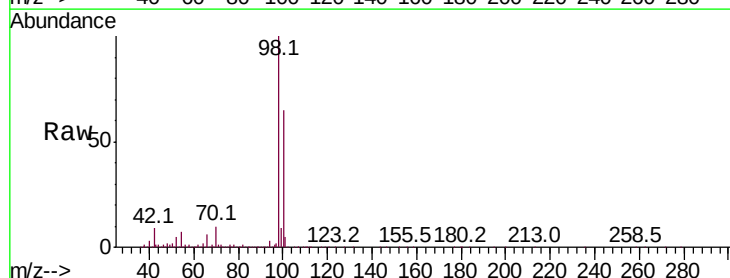
Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Tgt Ion: 98 Resp: 1223683

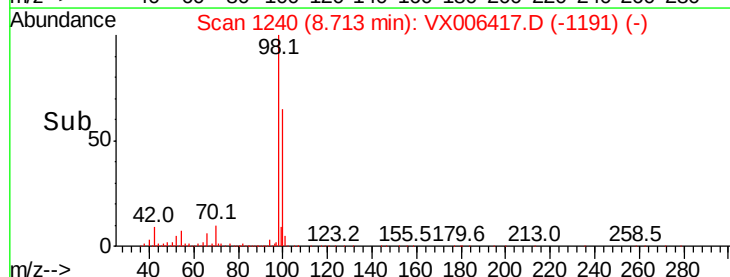
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2



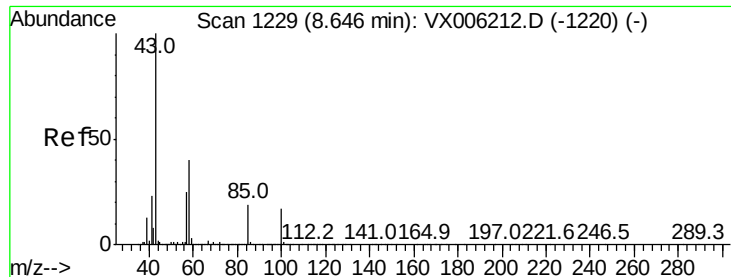
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



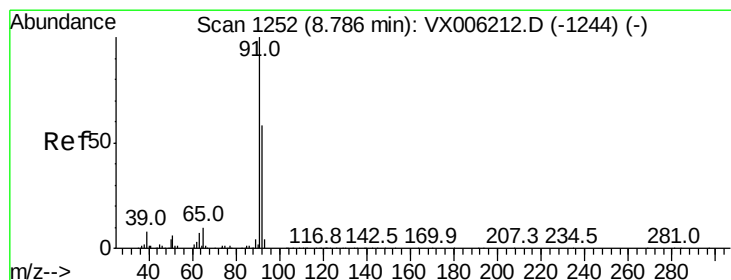
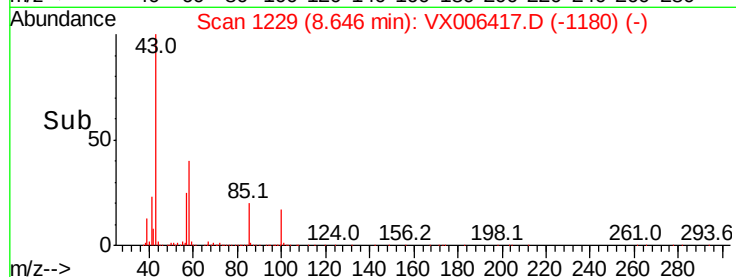
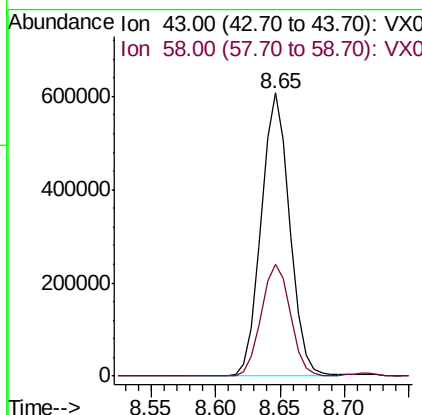
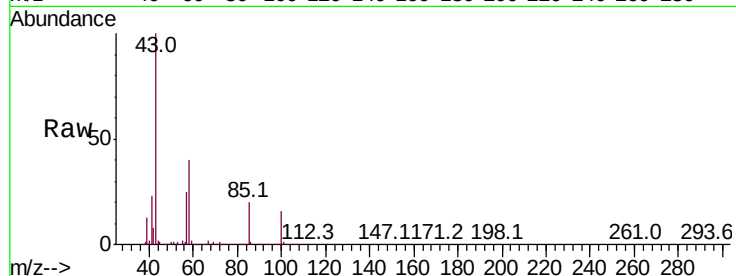
Time-->



#51
4-Methyl-2-Pentanone
Concen: 99.470 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

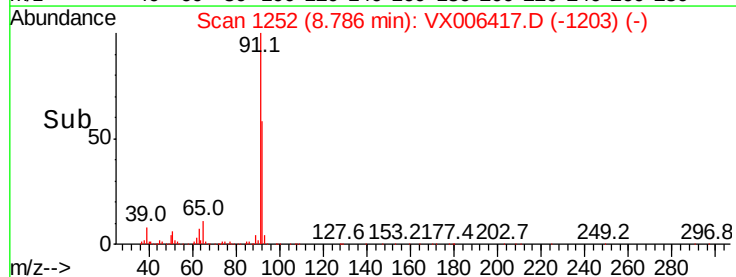
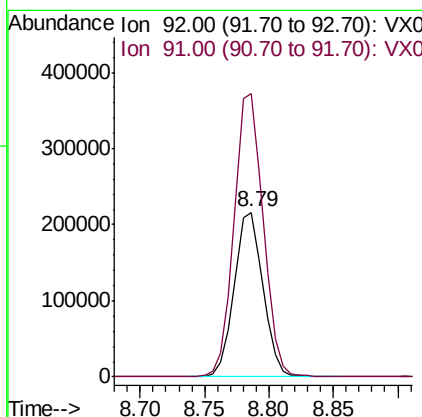
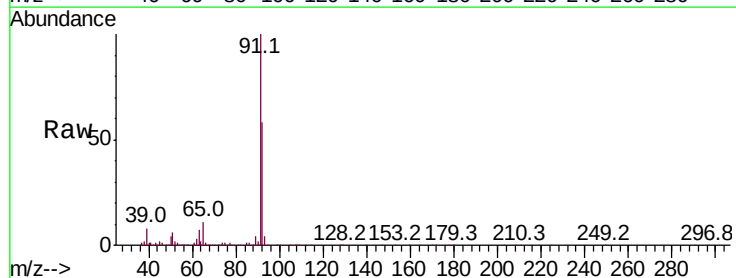
Instrument :
MSVOA_X
ClientSampleId :

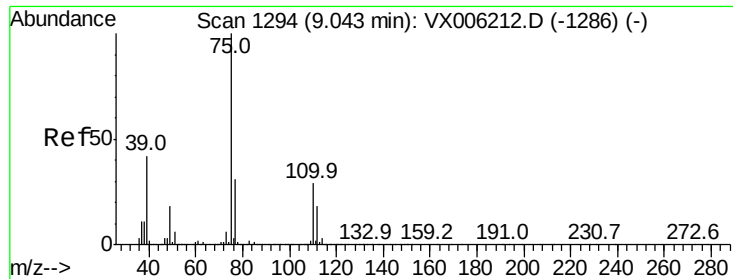
Tot Ion: 43 Resp: 929237
Ion Ratio Lower Upper
43 100
58 40.4 31.3 46.9



#52
Toluene
Concen: 19.835 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 92 Resp: 335917
Ion Ratio Lower Upper
92 100
91 174.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 17.040 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

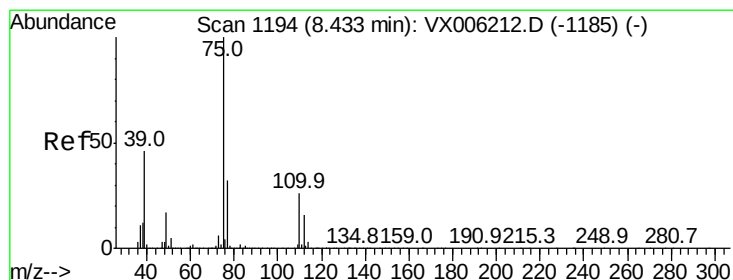
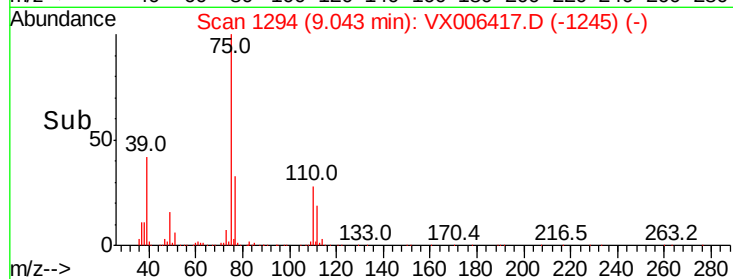
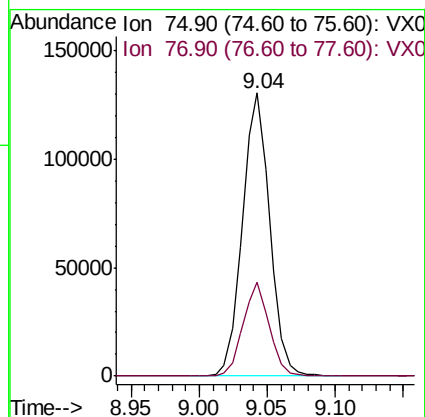
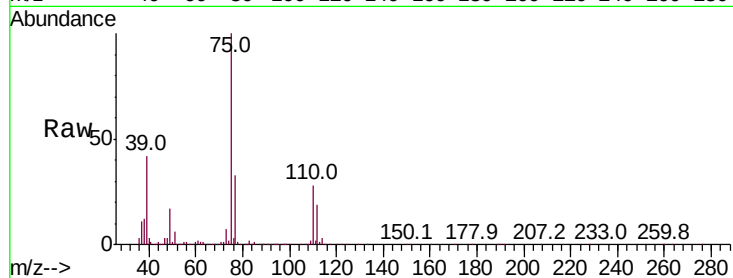
ClientSampled :

Tot Ion: 75 Resp: 182347

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.022 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

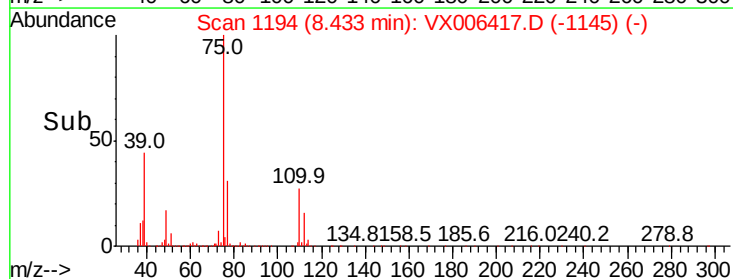
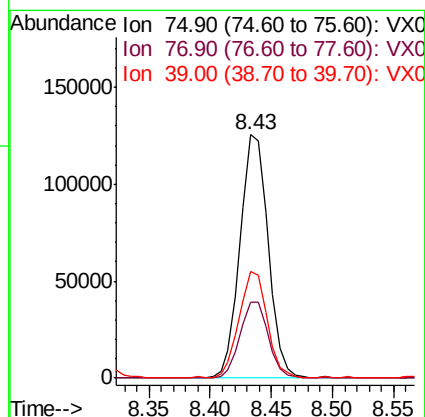
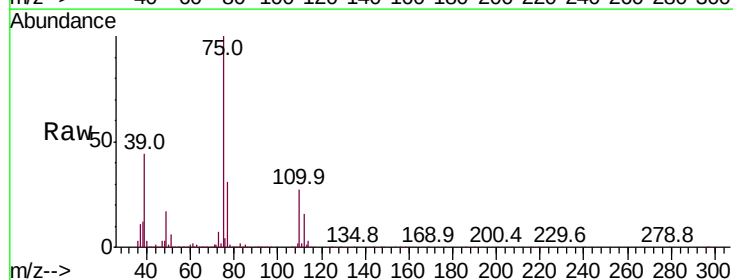
Tgt Ion: 75 Resp: 200255

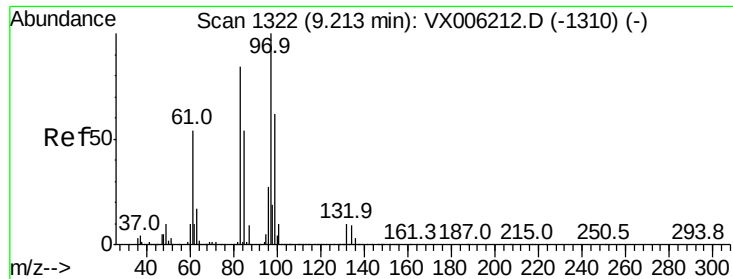
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 43.8 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 20.864 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 97 Resp: 143548

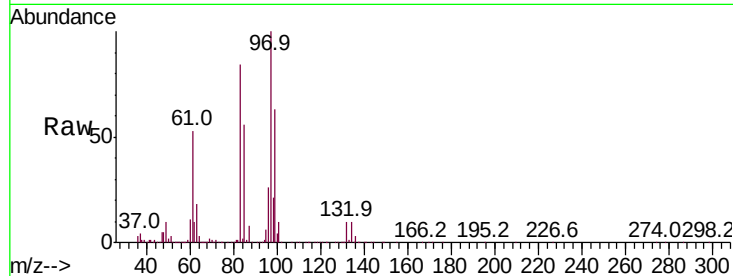
Ion Ratio Lower Upper

97 100

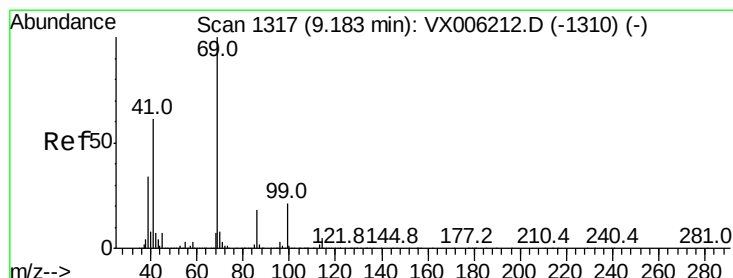
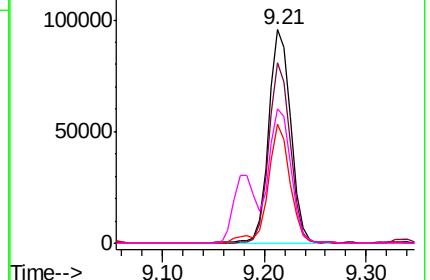
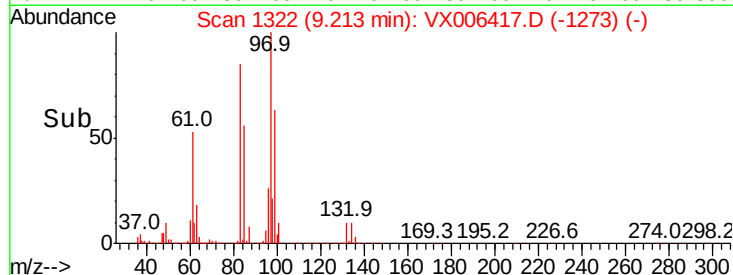
83 84.5 67.1 100.7

85 55.8 43.2 64.8

99 63.1 49.8 74.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
150000 Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.667 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

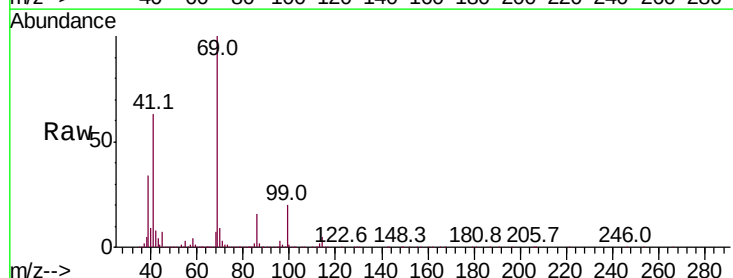
Tgt Ion: 69 Resp: 211535

Ion Ratio Lower Upper

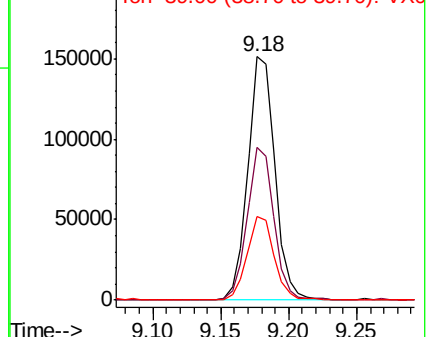
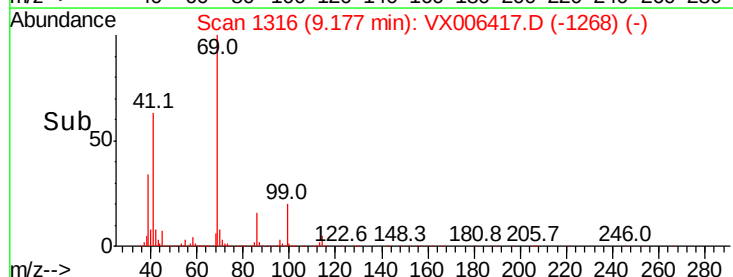
69 100

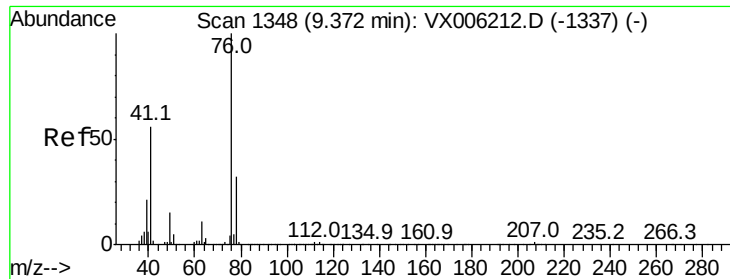
41 61.9 50.6 76.0

39 33.9 27.6 41.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
200000 Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.563 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

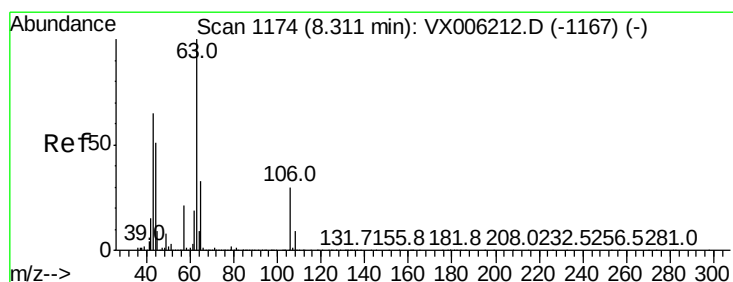
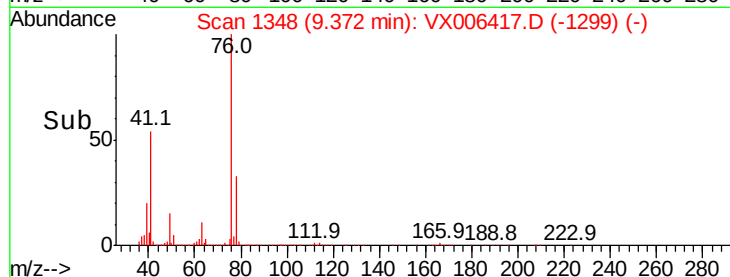
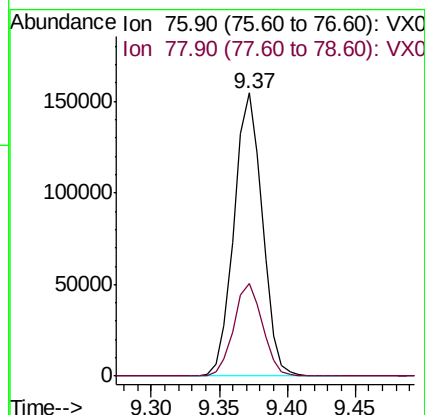
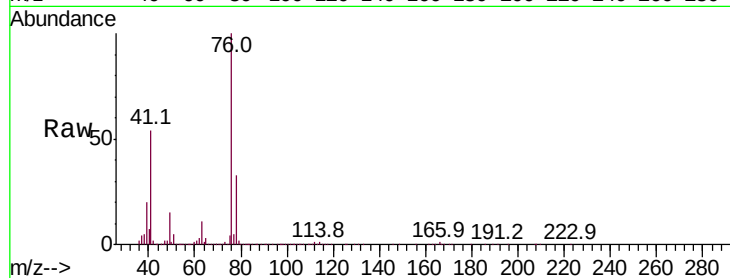
ClientSampleId :

Tot Ion: 76 Resp: 223716

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.905 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006417.D

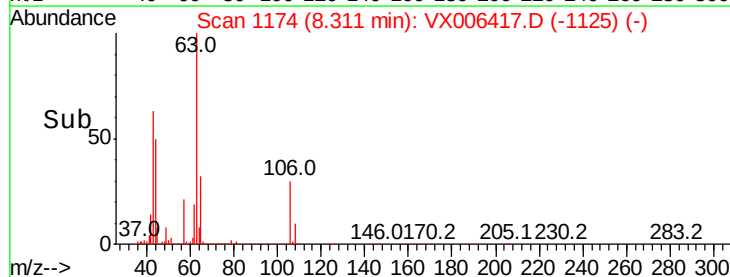
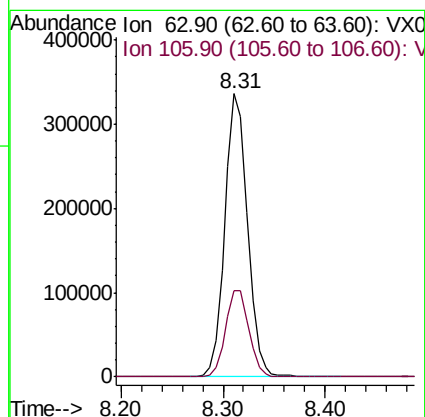
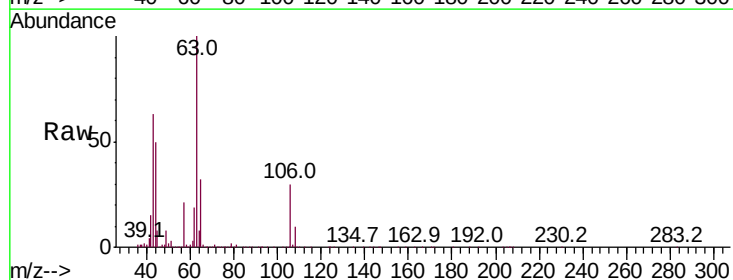
Acq: 11 Dec 2018 13:44

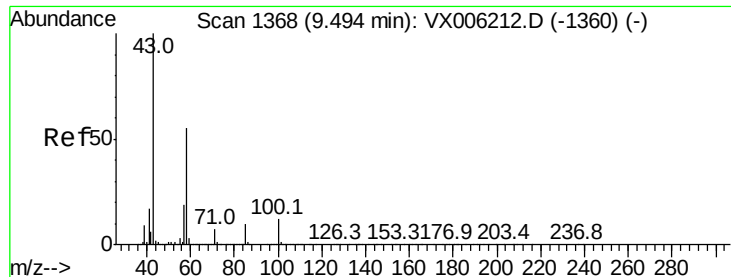
Tgt Ion: 63 Resp: 517996

Ion Ratio Lower Upper

63 100

106 31.5 24.9 37.3

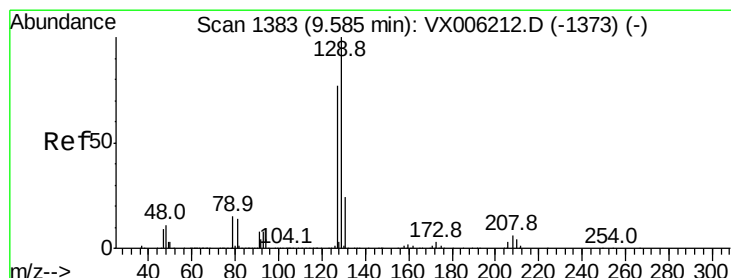
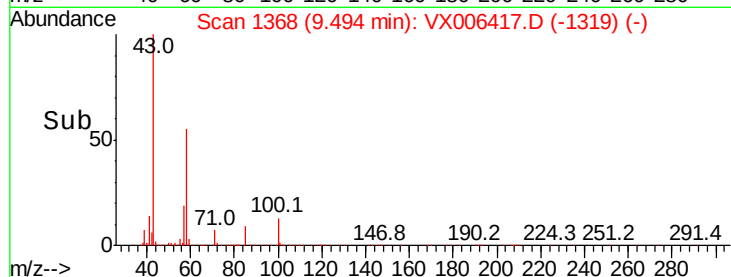
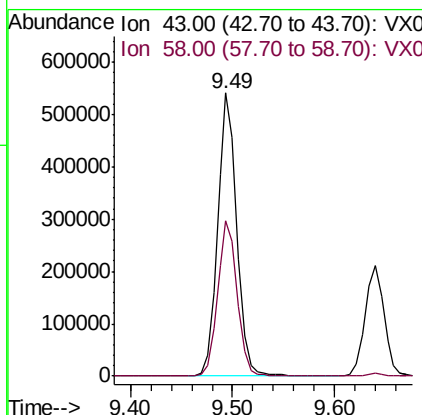
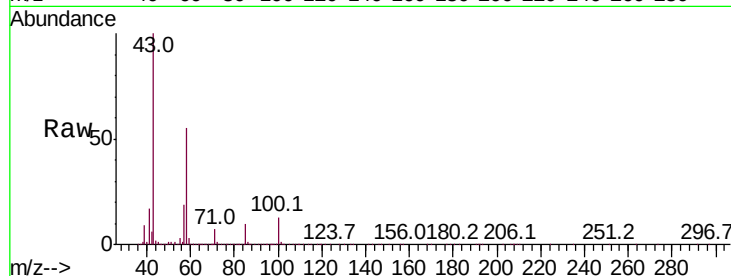




#59
2-Hexanone
Concen: 99.269 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

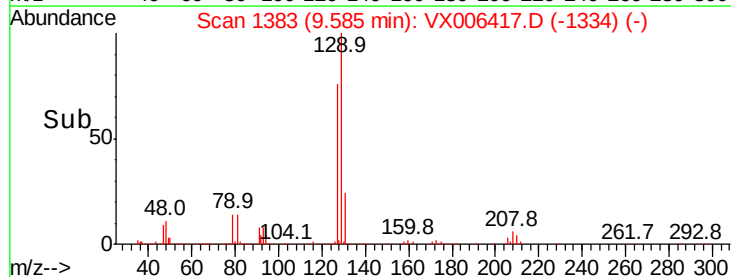
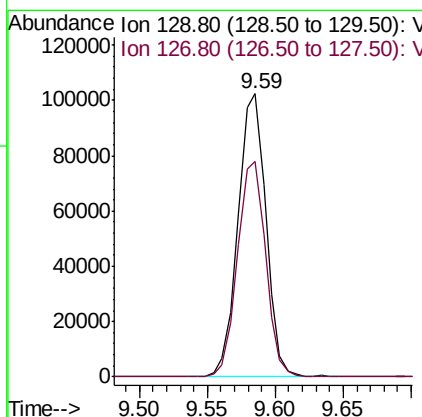
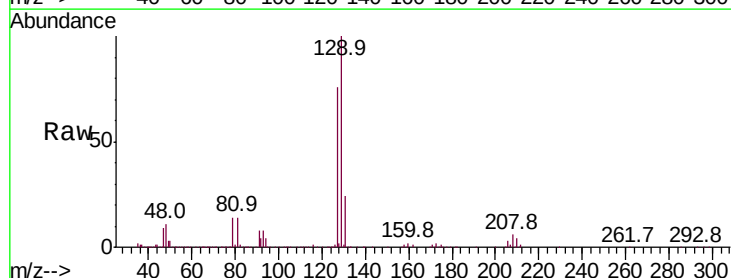
Instrument :
MSVOA_X
ClientSampleId :

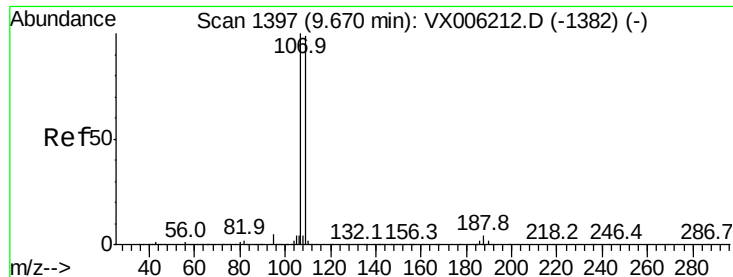
Tot Ion: 43 Resp: 708506
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 17.279 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 129 Resp: 146591
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.275 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

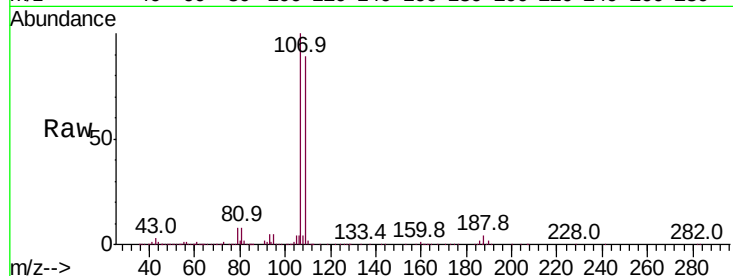
ClientSampleId :

Tot Ion:107 Resp: 155973

Ion Ratio Lower Upper

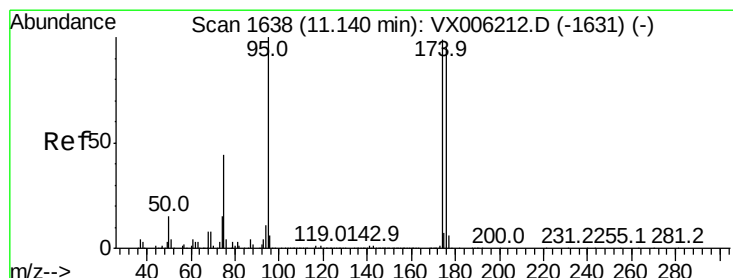
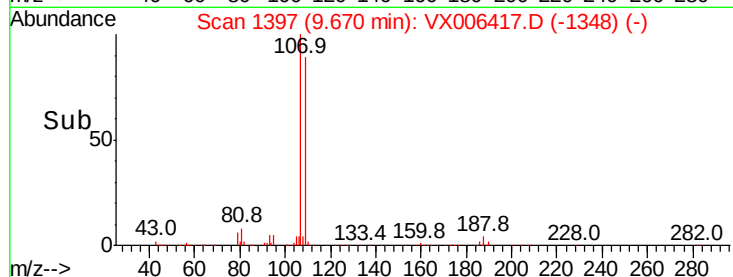
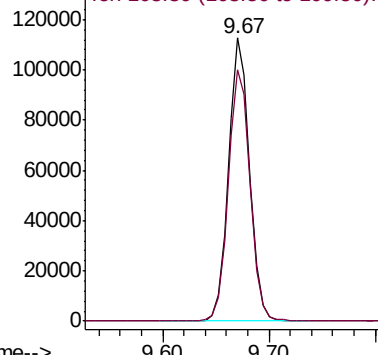
107 100

109 92.1 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.980 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

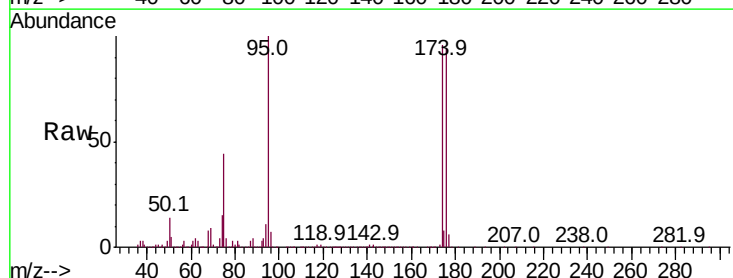
Tgt Ion: 95 Resp: 461756

Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.0

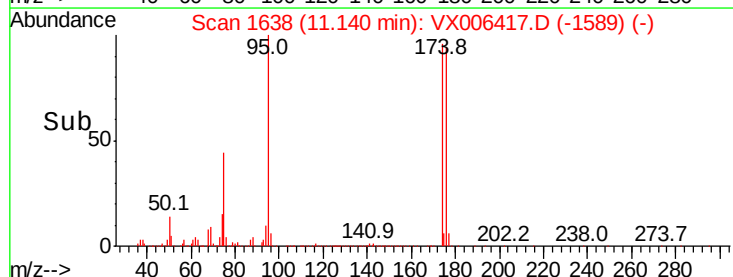
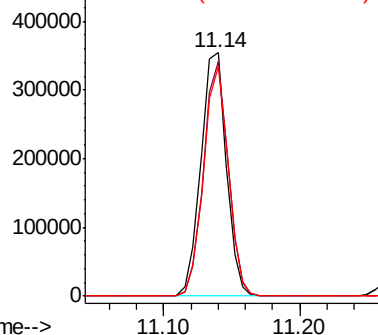
176 91.5 0.0 181.8

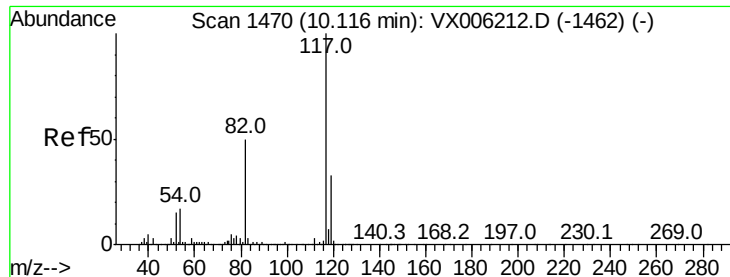


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

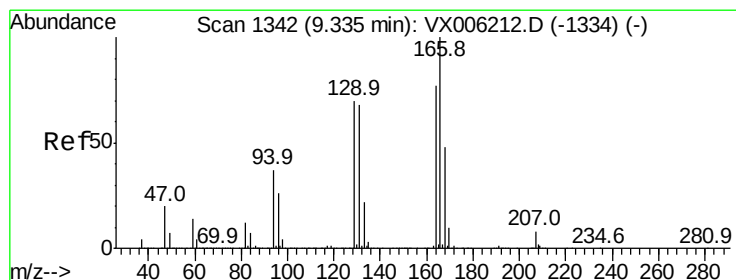
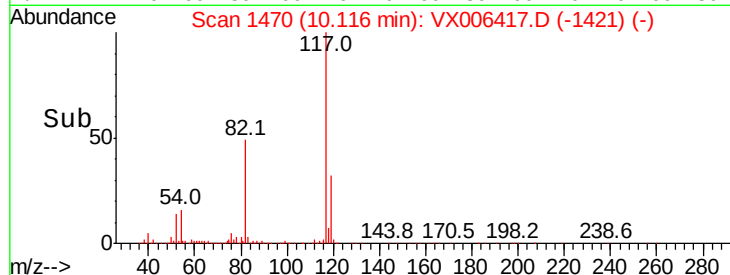
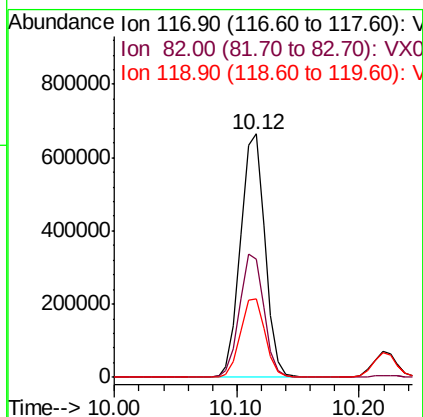
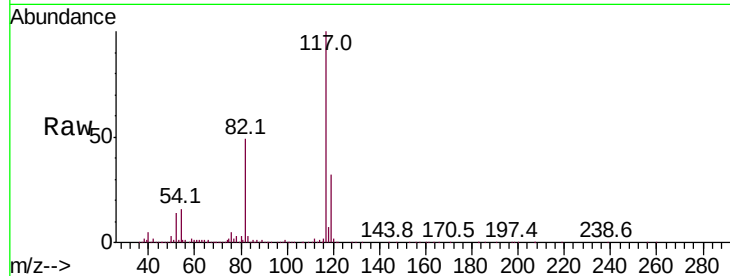




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

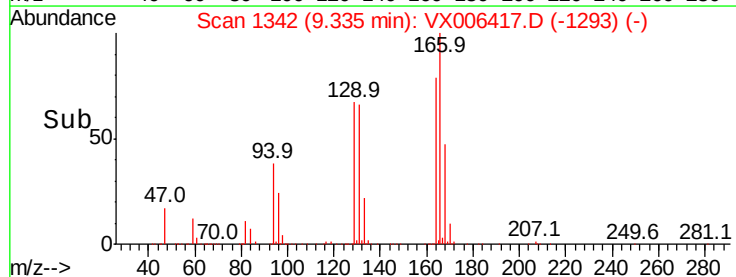
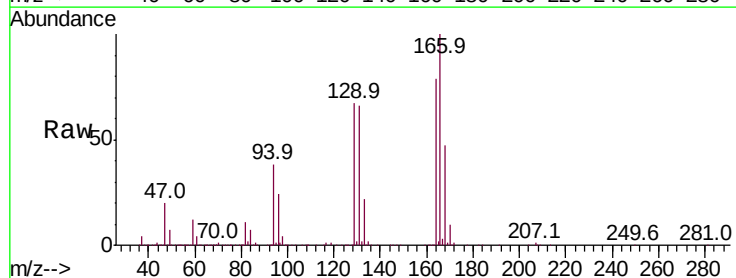
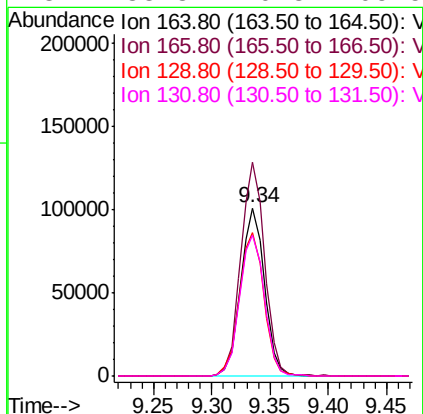
Instrument :
MSVOA_X
ClientSampleId :

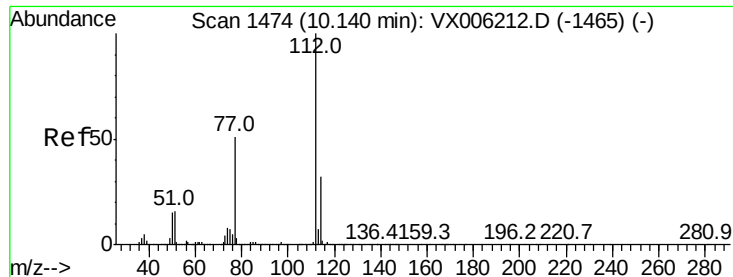
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.6	59.4
119	32.1	26.3	39.5



#64
Tetrachloroethene
Concen: 20.934 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.2	156.2
129	85.2	72.6	108.8
131	83.8	70.3	105.5

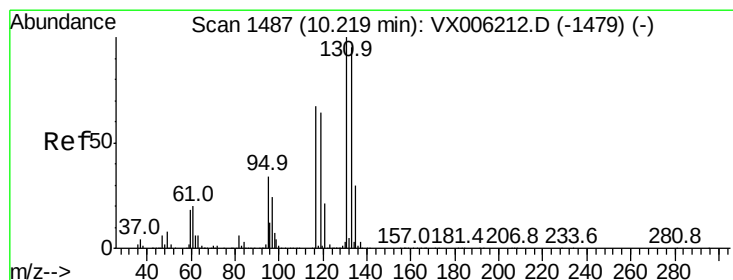
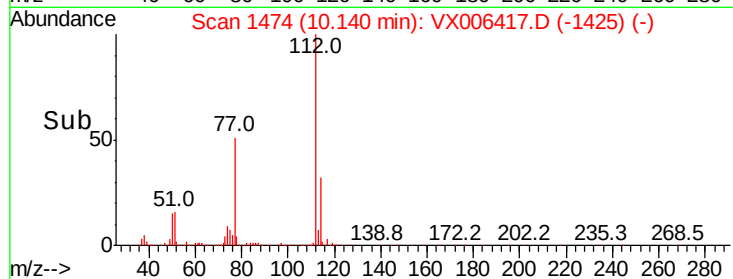
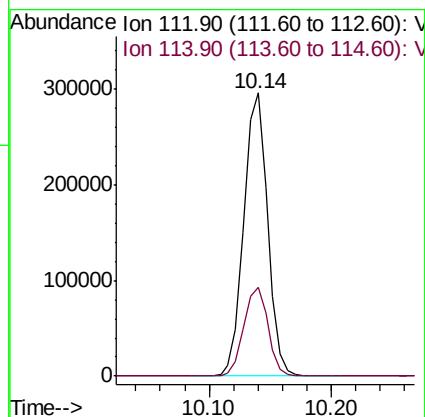
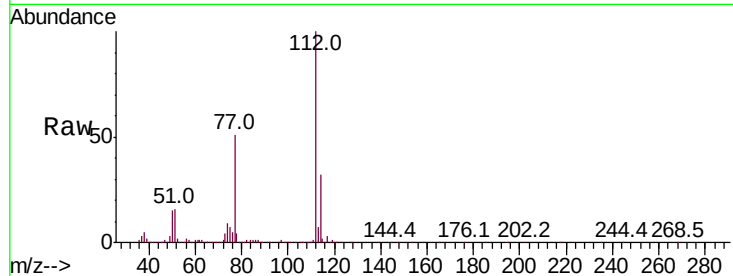




#65
Chlorobenzene
Concen: 20.491 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

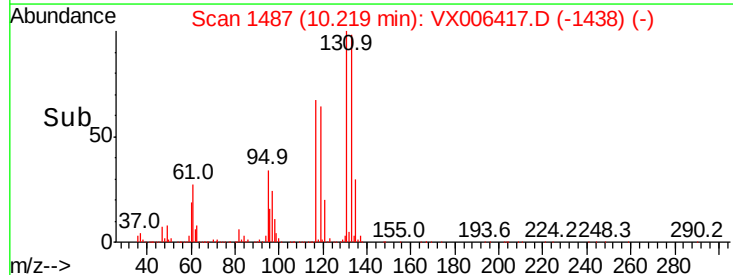
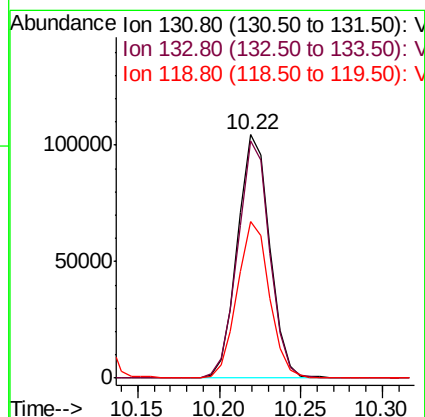
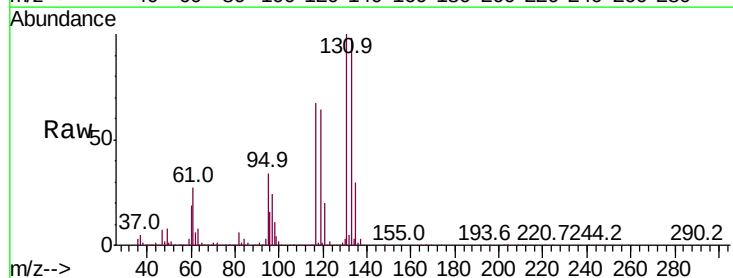
Instrument :
MSVOA_X
ClientSampleId :

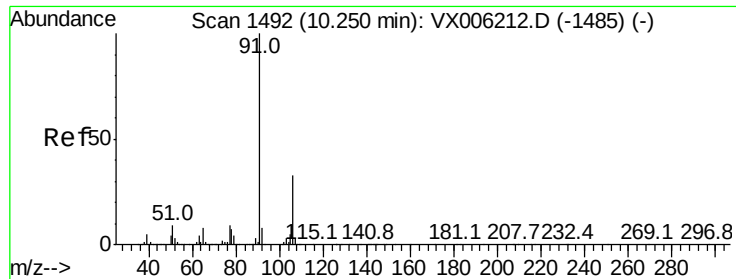
Tot Ion:112 Resp: 398849
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.056 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion:131 Resp: 144116
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 64.5 32.1 96.3





#67

Ethyl Benzene

Concen: 20.061 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

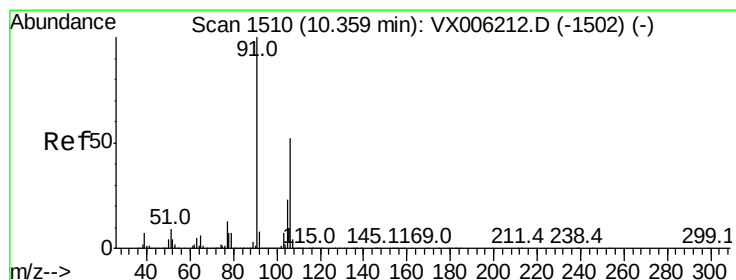
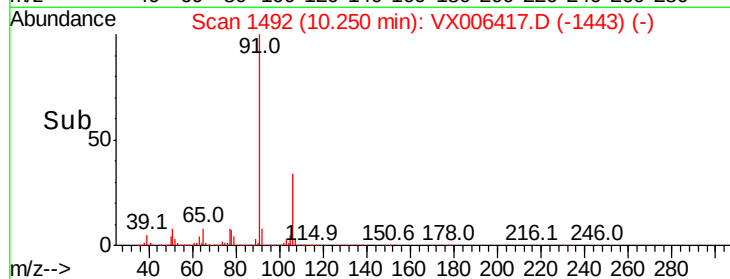
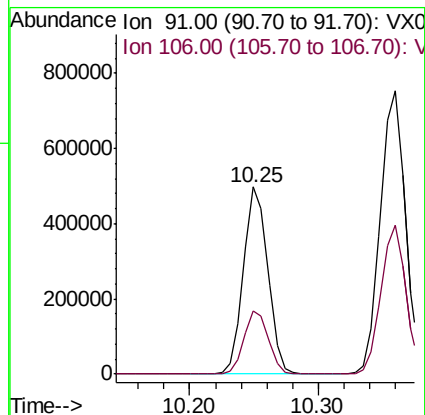
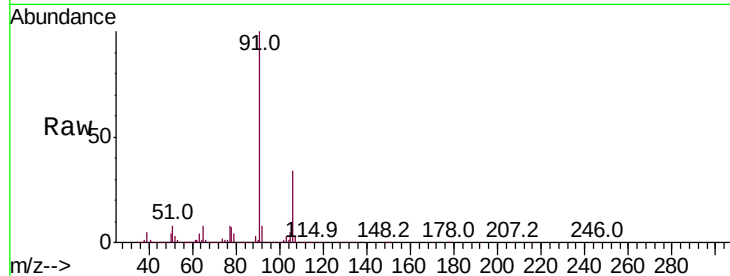
ClientSampleId :

Tot Ion: 91 Resp: 649423

Ion Ratio Lower Upper

91 100

106 33.6 26.5 39.7



#68

m/p-Xylenes

Concen: 40.495 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006417.D

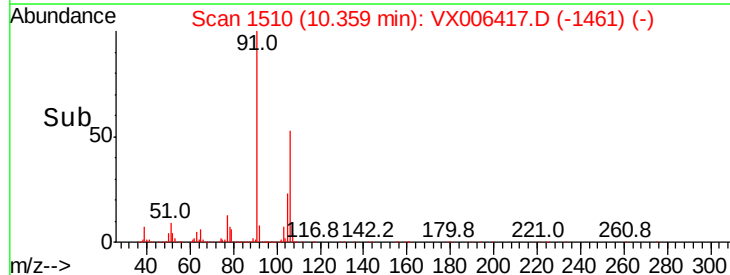
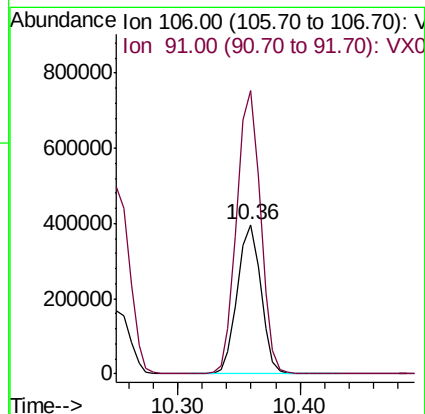
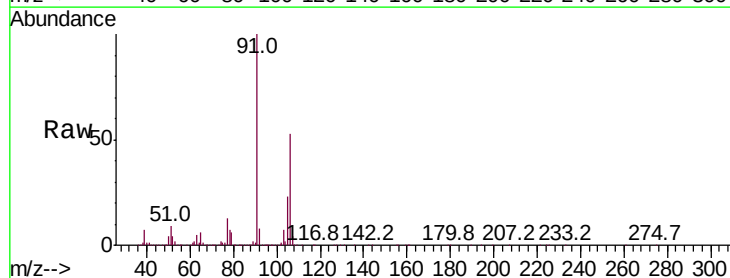
Acq: 11 Dec 2018 13:44

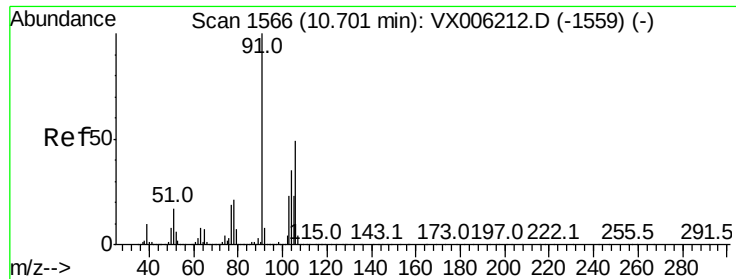
Tgt Ion: 106 Resp: 525130

Ion Ratio Lower Upper

106 100

91 192.8 155.2 232.8

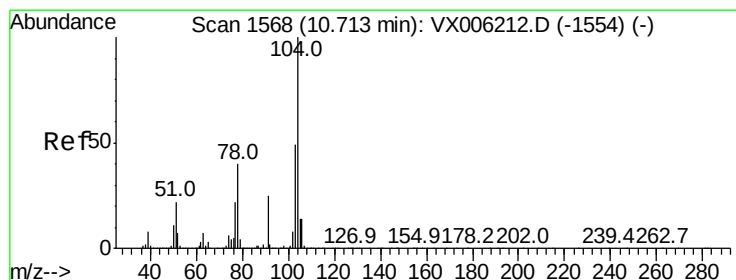
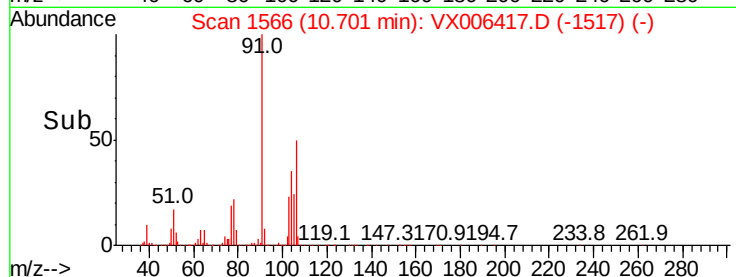
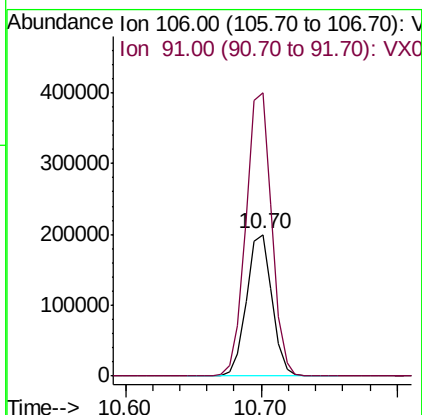
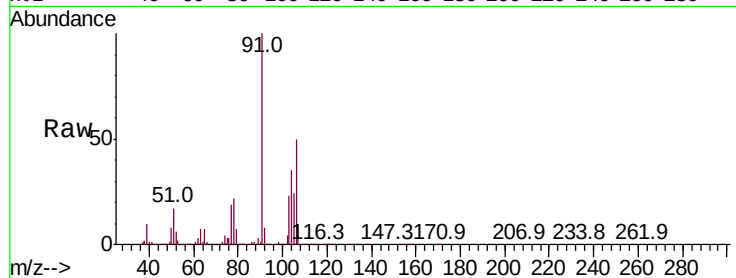




#69
o-Xylene
Concen: 20.457 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

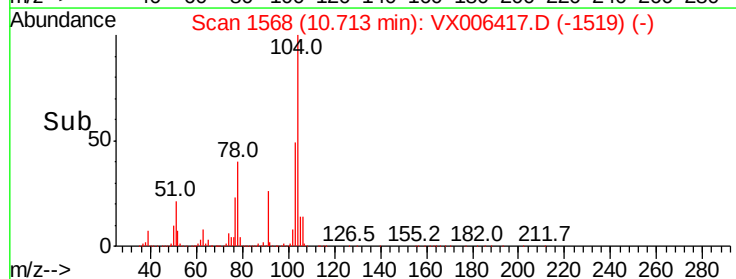
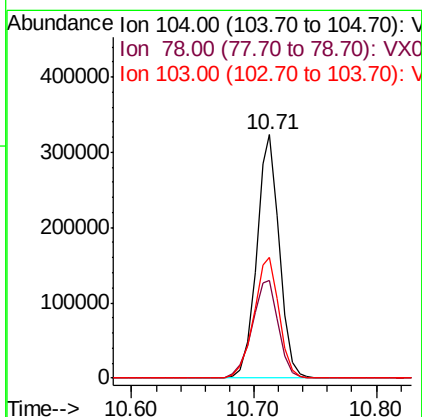
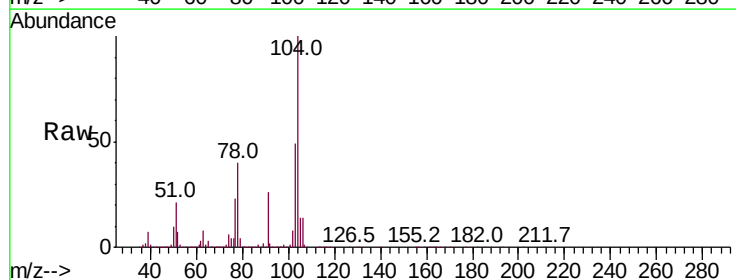
Instrument :
MSVOA_X
ClientSampled :

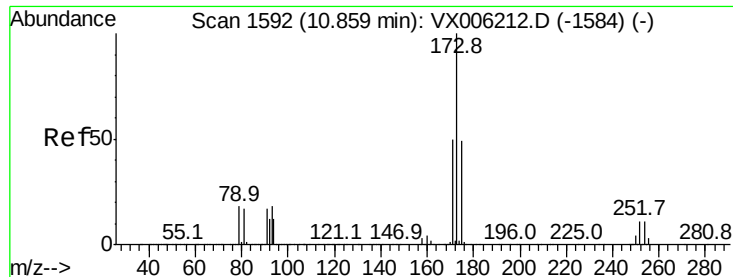
Tot Ion:106 Resp: 262028
Ion Ratio Lower Upper
106 100
91 202.6 101.8 305.6



#70
Styrene
Concen: 20.115 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion:104 Resp: 416727
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.3 43.5 65.3





#71

Bromoform

Concen: 15.715 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

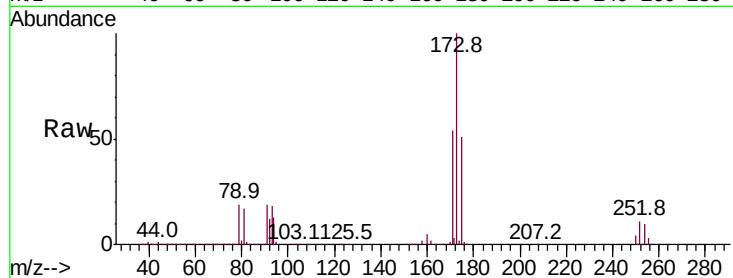
Tot Ion:173 Resp: 112186

Ion Ratio Lower Upper

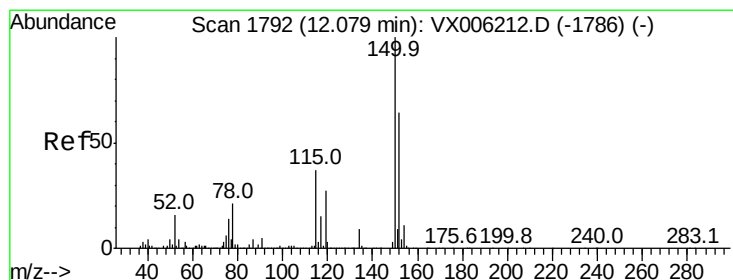
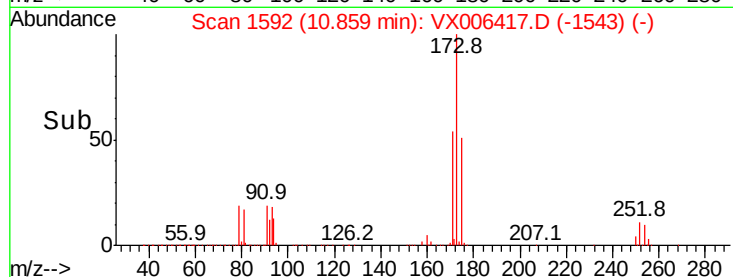
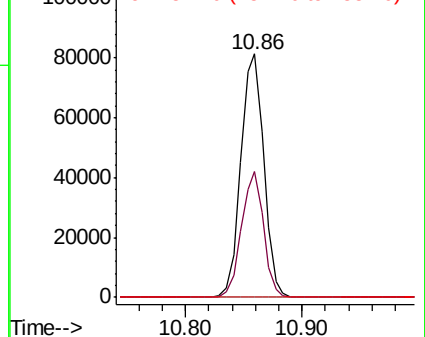
173 100

175 49.5 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: VX006417.D

Acq: 11 Dec 2018 13:44

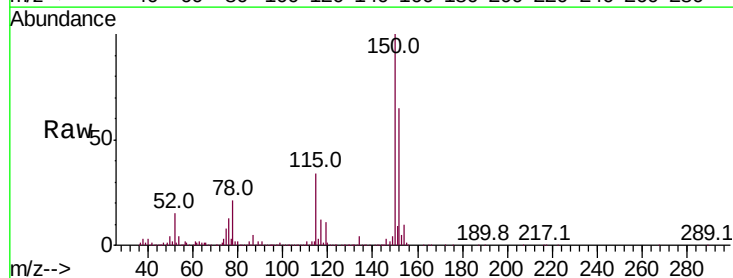
Tgt Ion:152 Resp: 486720

Ion Ratio Lower Upper

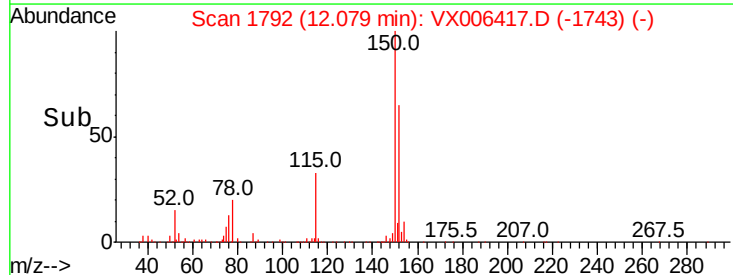
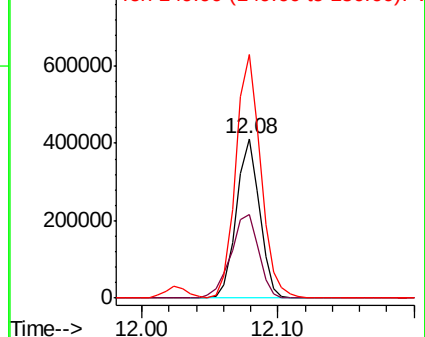
152 100

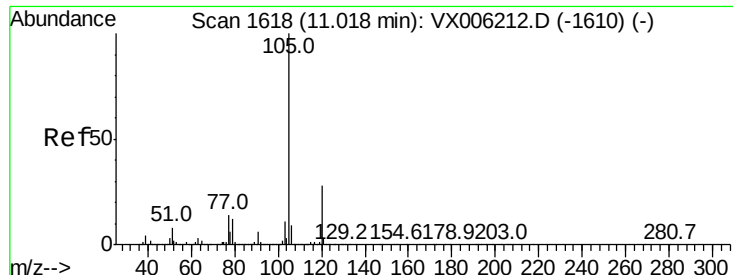
115 63.4 39.0 116.9

150 164.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.587 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

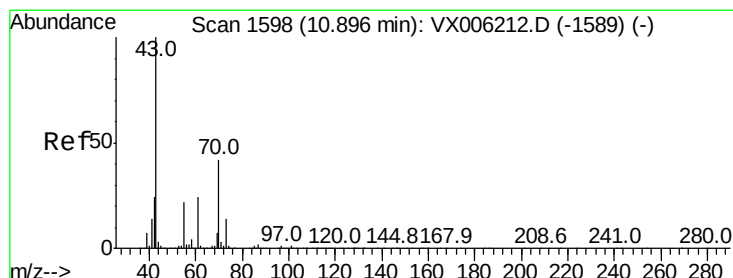
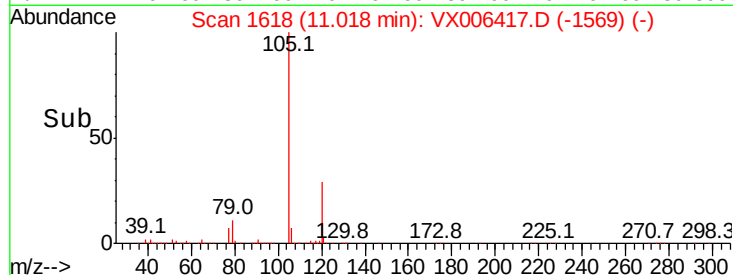
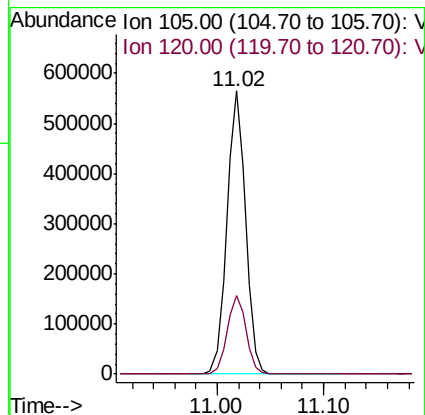
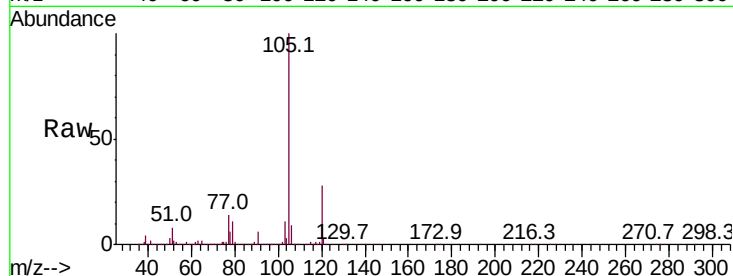
ClientSampleId :

Tot Ion:105 Resp: 691985

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3



#74

N-ethyl acetate

Concen: 18.604 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Tgt Ion: 43 Resp: 269284

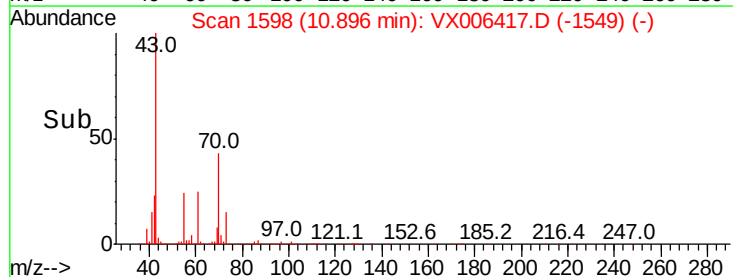
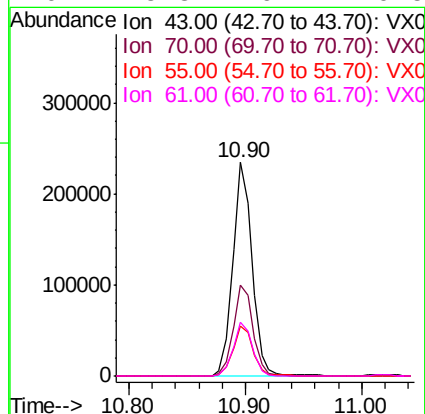
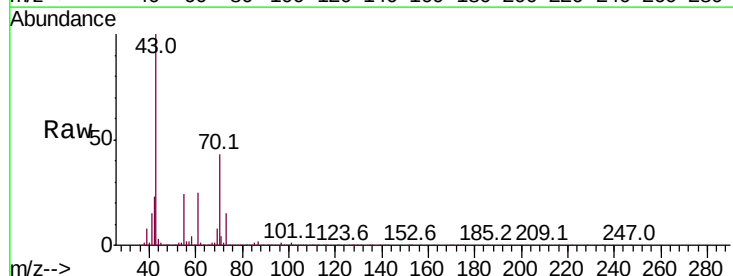
Ion Ratio Lower Upper

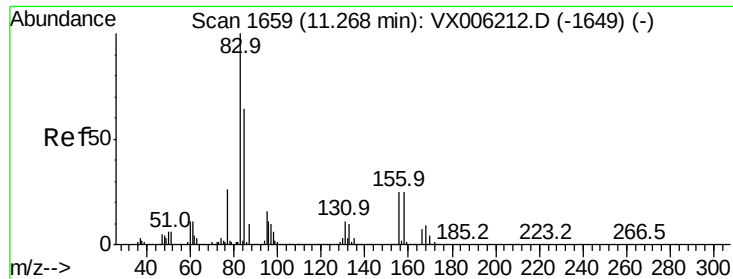
43 100

70 43.8 34.1 51.1

55 24.6 17.8 26.8

61 25.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.982 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

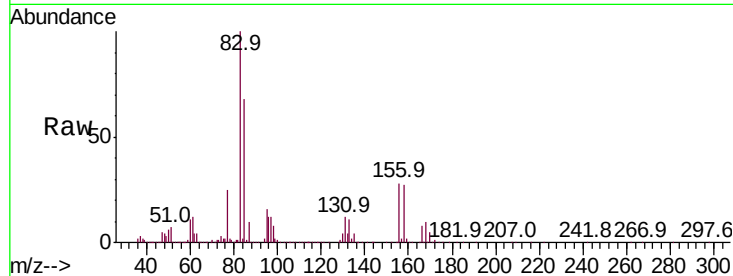
Tot Ion: 83 Resp: 214870

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

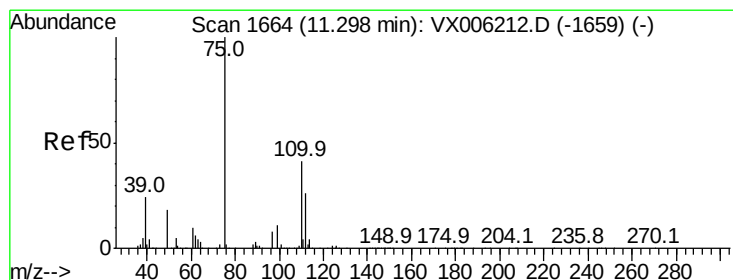
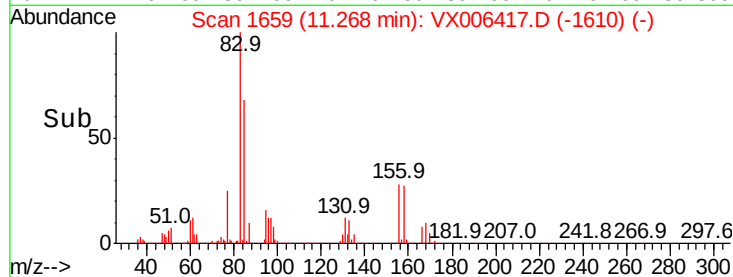
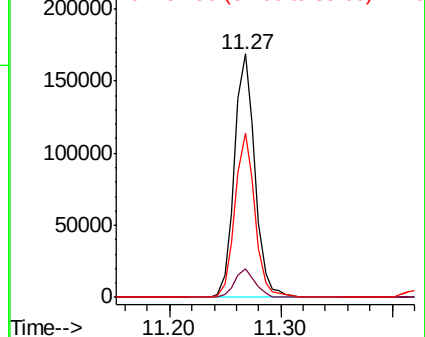
85 65.7 32.1 96.5



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: 25.955 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006417.D

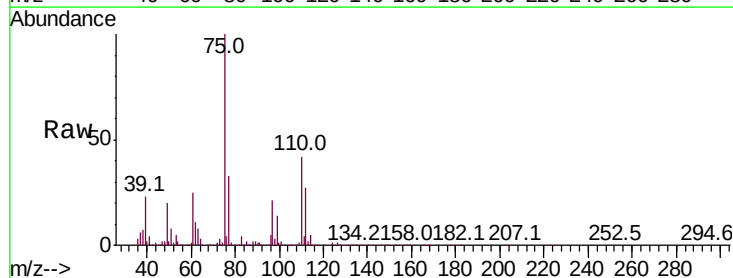
Acq: 11 Dec 2018 13:44

Tgt Ion: 75 Resp: 243836

Ion Ratio Lower Upper

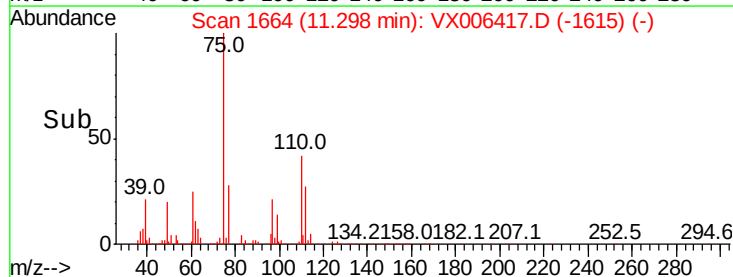
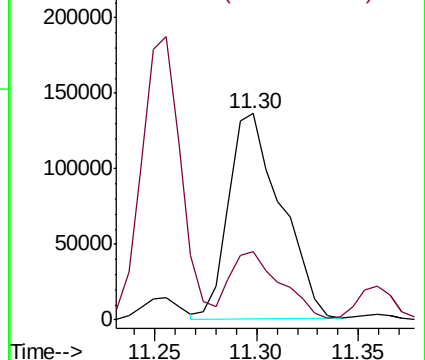
75 100

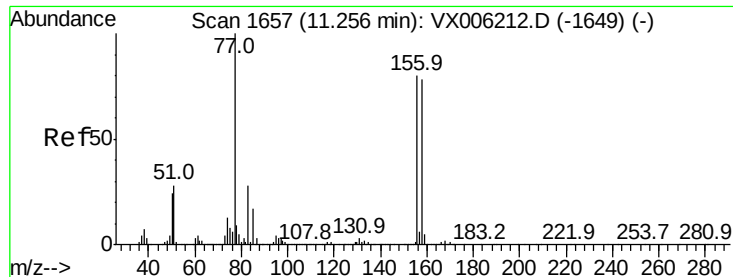
77 31.8 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.484 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

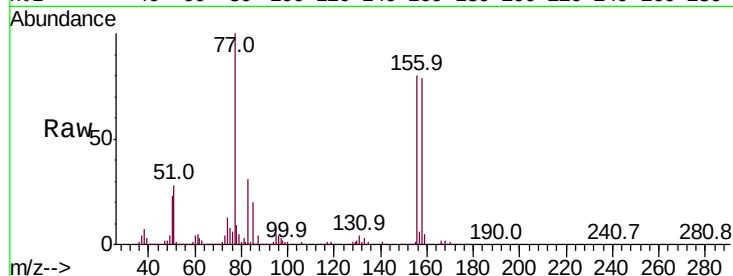
Tot Ion:156 Resp: 191077

Ion Ratio Lower Upper

156 100

77 131.3 66.2 198.6

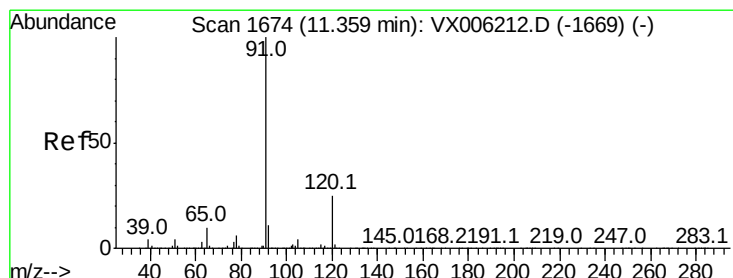
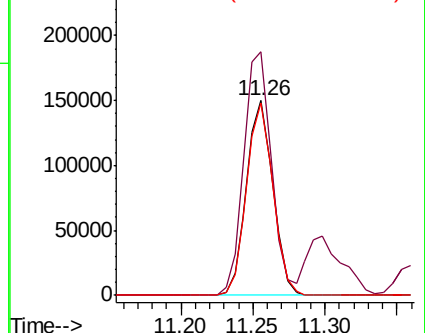
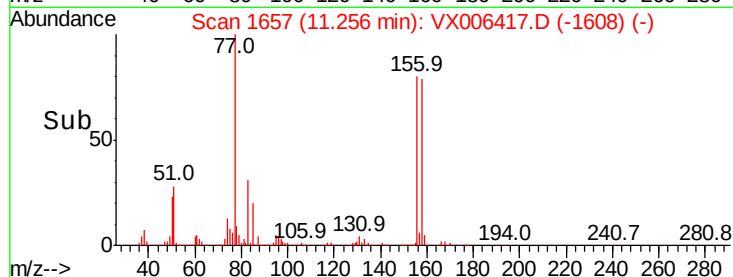
158 98.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.002 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006417.D

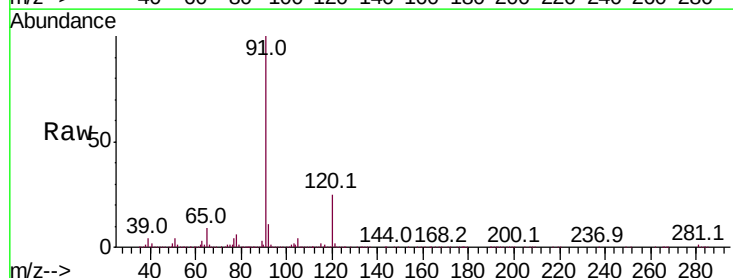
Acq: 11 Dec 2018 13:44

Tgt Ion: 91 Resp: 747349

Ion Ratio Lower Upper

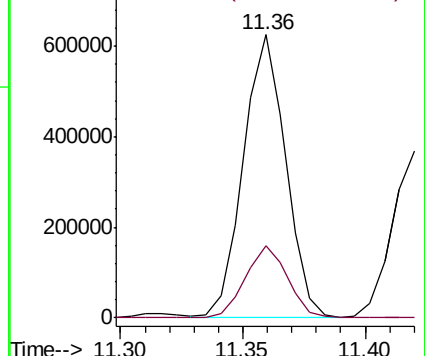
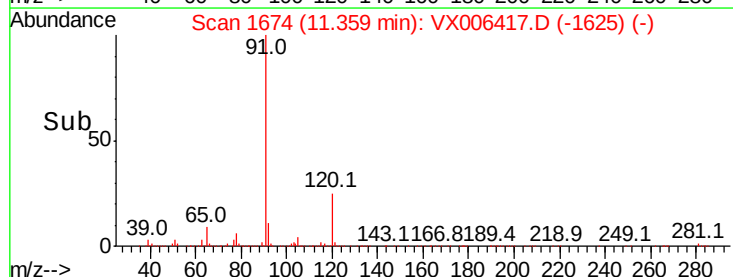
91 100

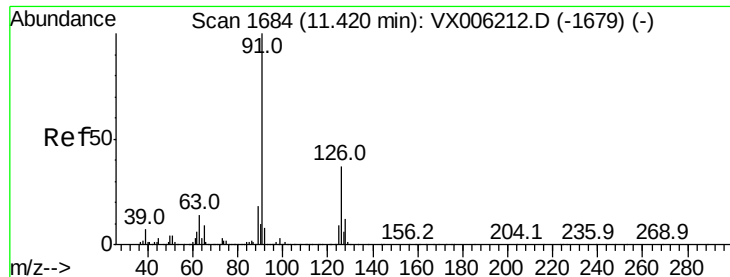
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

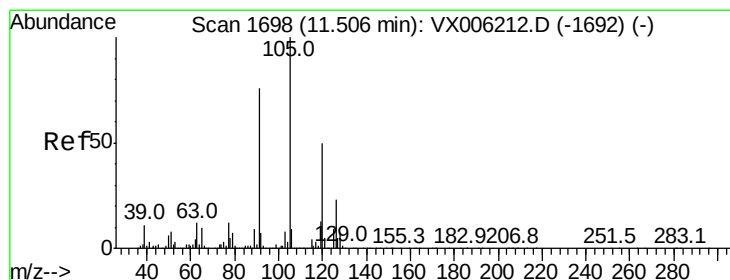
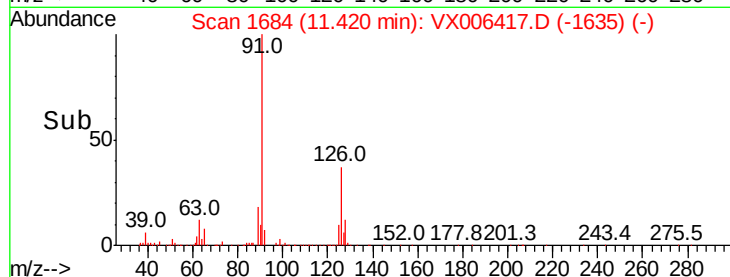
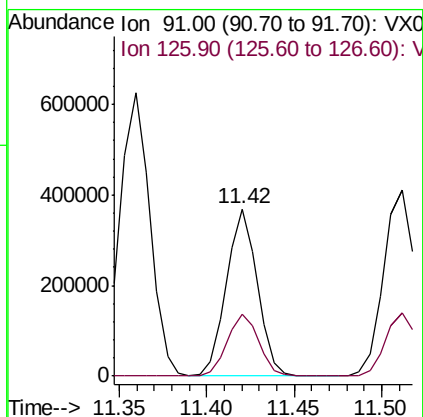
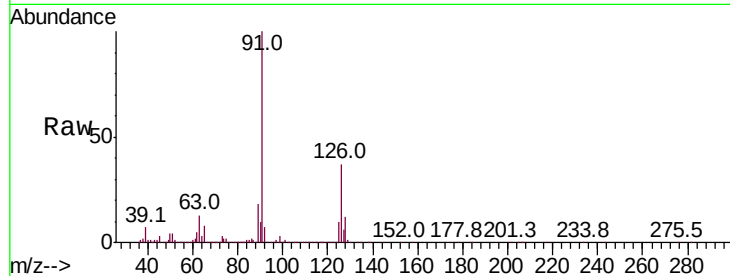




#79
 2-Chlorotoluene
 Concen: 20.275 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

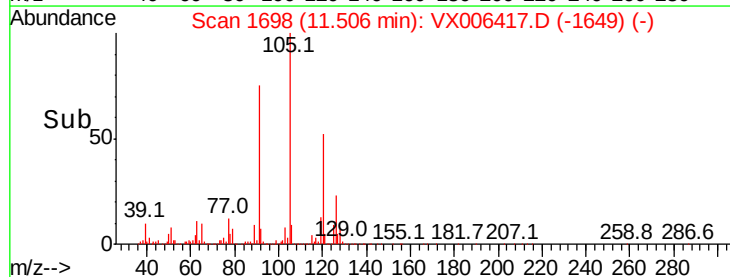
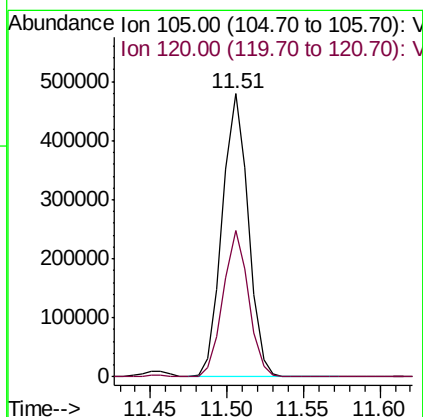
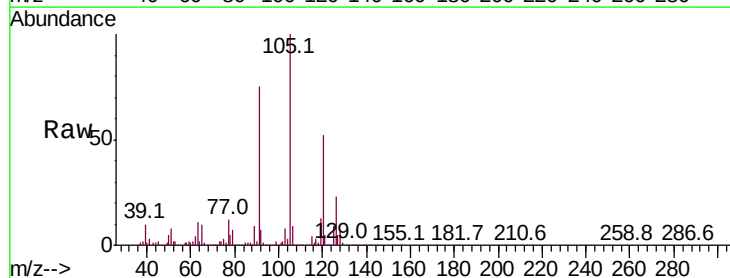
Instrument :
 MSVOA_X
 ClientSampleId :

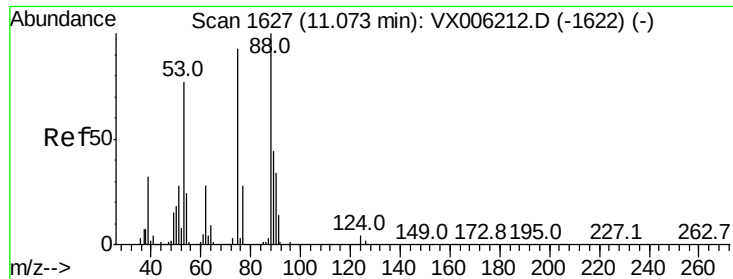
Tot Ion: 91 Resp: 450250
 Ion Ratio Lower Upper
 91 100
 126 38.1 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.199 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion: 105 Resp: 564897
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.188 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

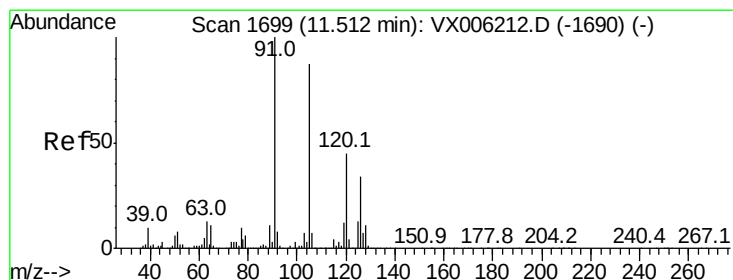
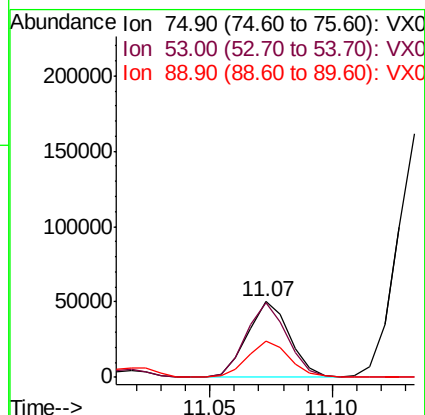
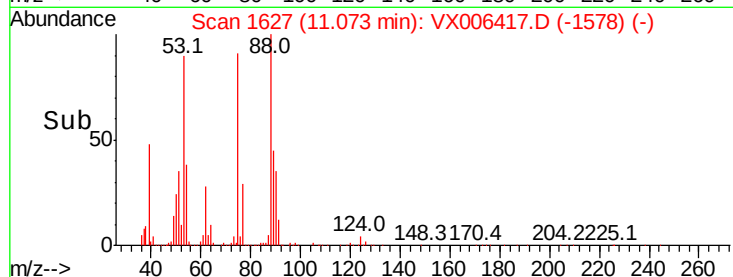
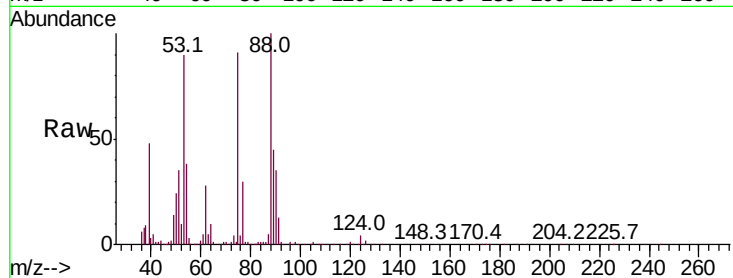
Tot Ion: 75 Resp: 60801

Ion Ratio Lower Upper

75 100

53 95.2 64.4 96.6

89 47.2 44.2 66.4



#82

4-Chlorotoluene

Concen: 20.038 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006417.D

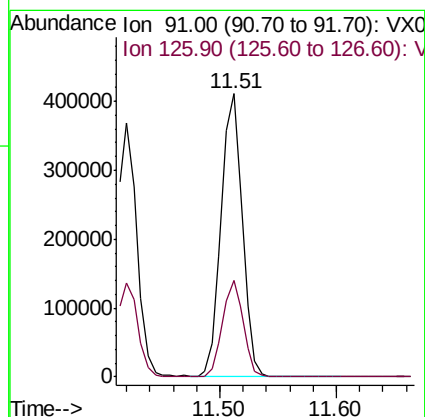
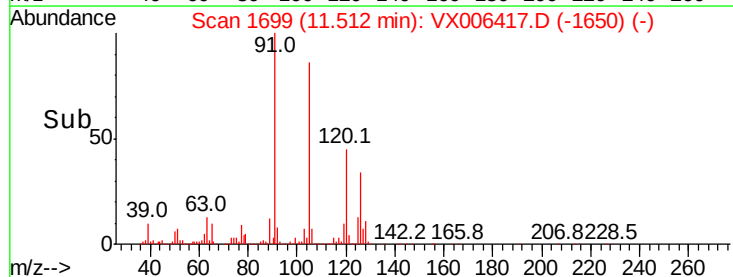
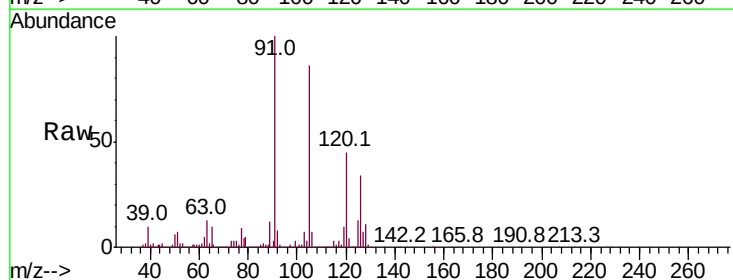
Acq: 11 Dec 2018 13:44

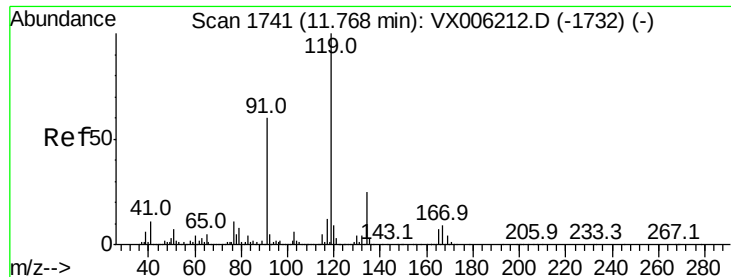
Tgt Ion: 91 Resp: 517366

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.4





#83

tert-Butylbenzene

Concen: 20.083 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

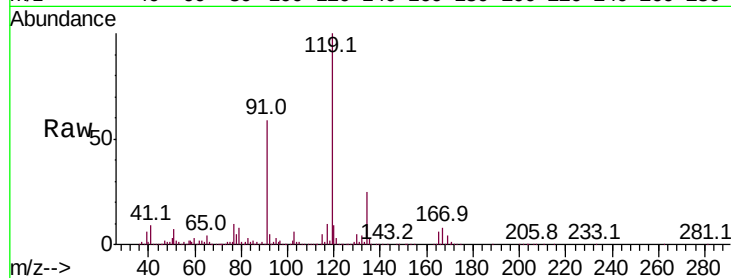
Tot Ion:119 Resp: 599267

Ion Ratio Lower Upper

119 100

91 53.7 26.4 79.2

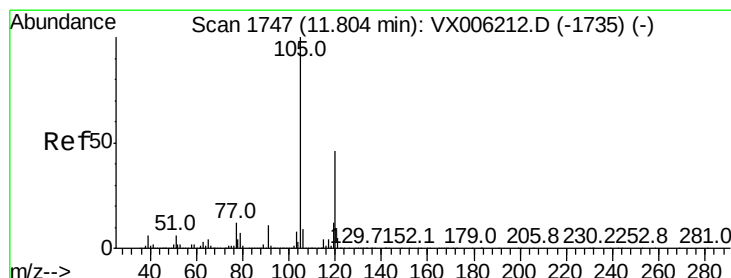
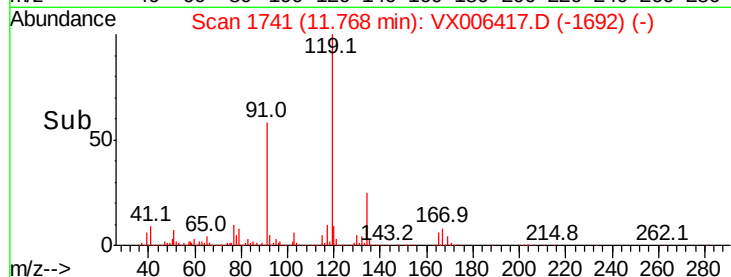
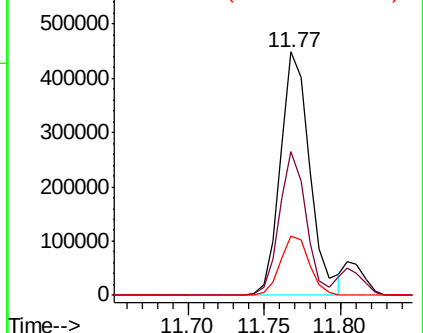
134 24.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.875 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006417.D

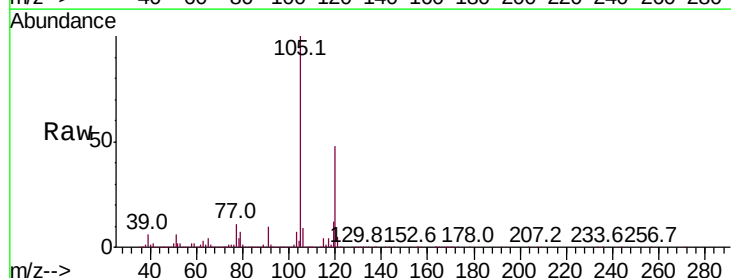
Acq: 11 Dec 2018 13:44

Tgt Ion:105 Resp: 602818

Ion Ratio Lower Upper

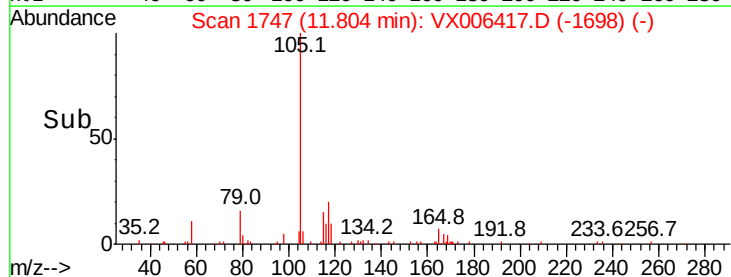
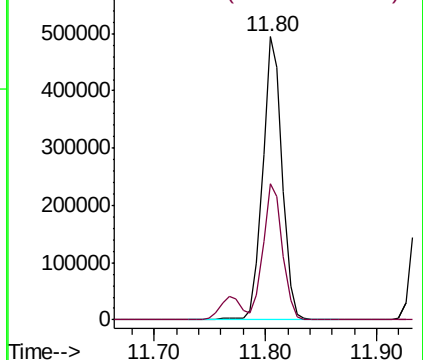
105 100

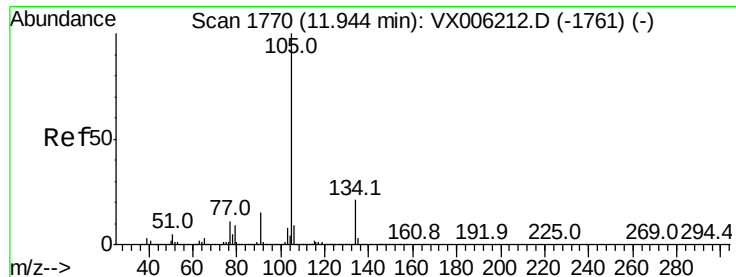
120 47.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.395 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

Instrument :

MSVOA_X

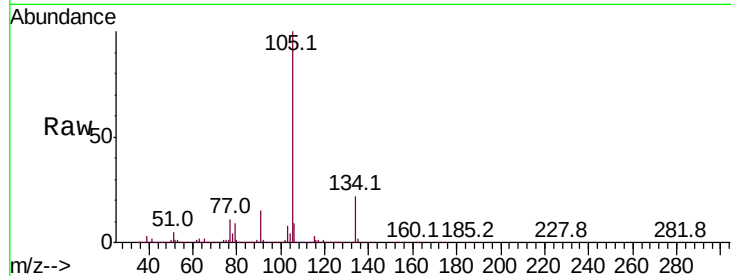
ClientSampleId :

Tot Ion:105 Resp: 692335

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

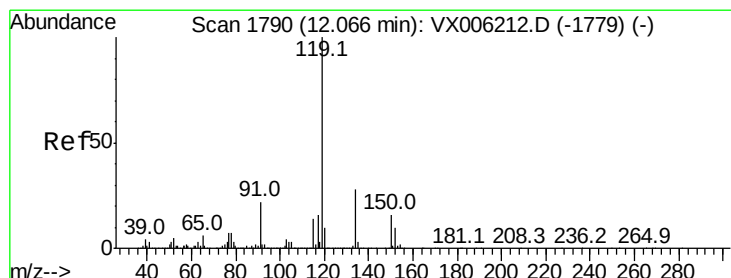
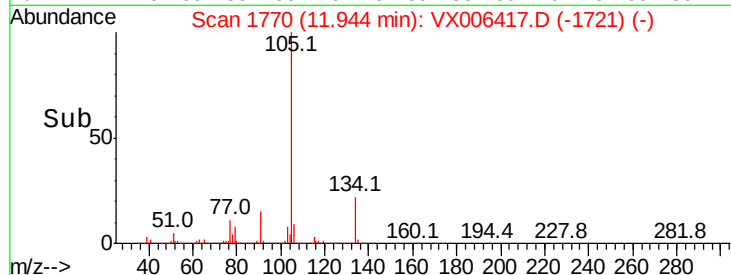
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.517 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006417.D

Acq: 11 Dec 2018 13:44

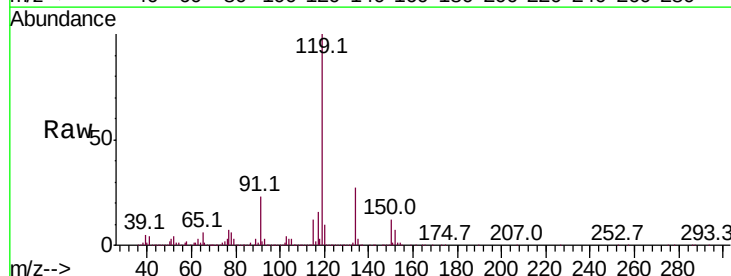
Tgt Ion:119 Resp: 627154

Ion Ratio Lower Upper

119 100

134 27.3 13.9 41.6

91 22.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

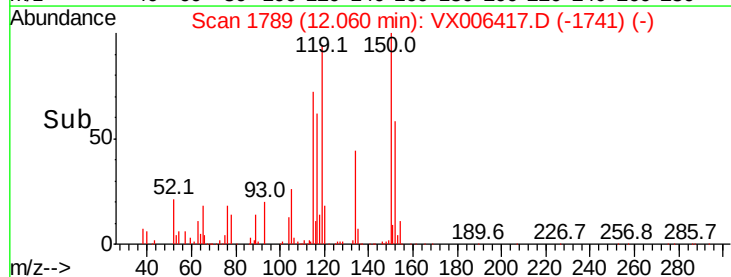
600000

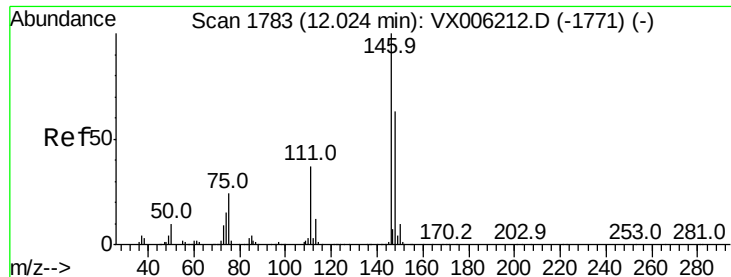
400000

200000

0

Time--> 12.00 12.05 12.10

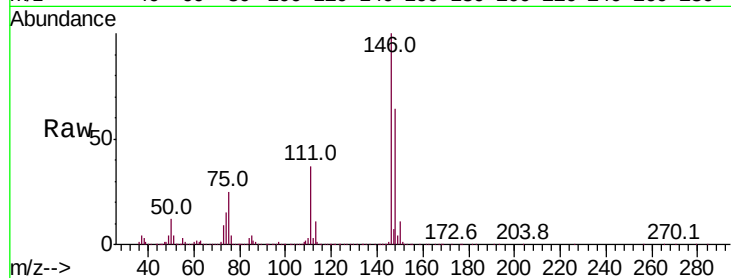




#87
 1,3-Dichlorobenzene
 Concen: 20.524 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.2
148	63.7	32.0	96.0

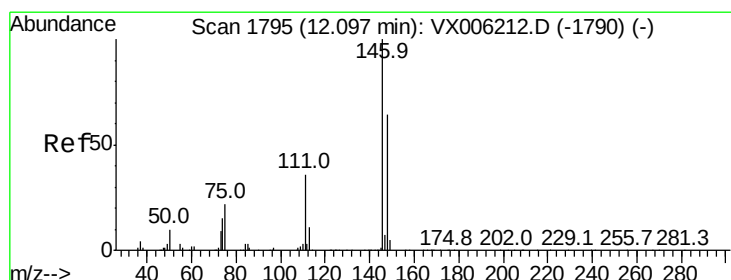
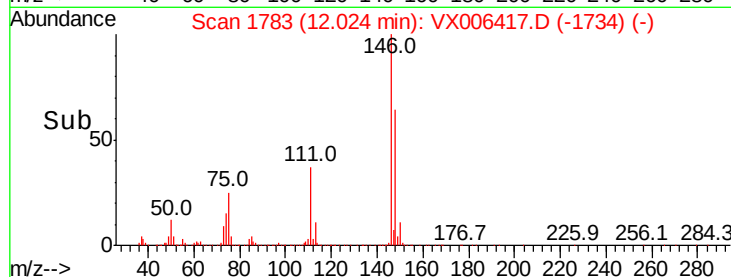
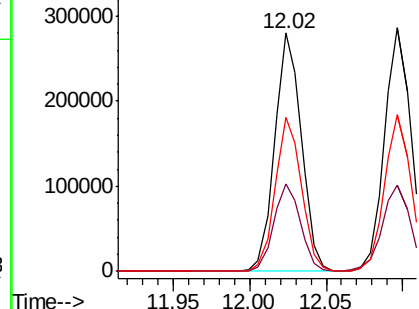


Abundance

Ion 145.90 (145.60 to 146.60): V

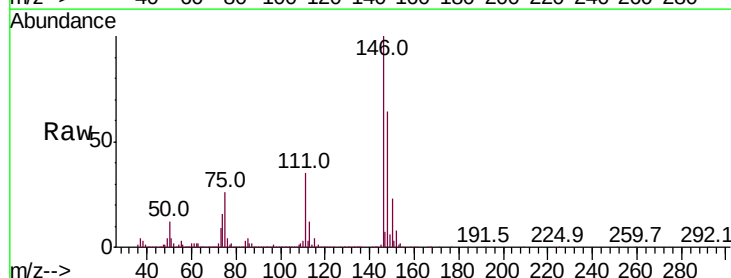
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 20.348 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.8
148	63.8	31.9	95.9

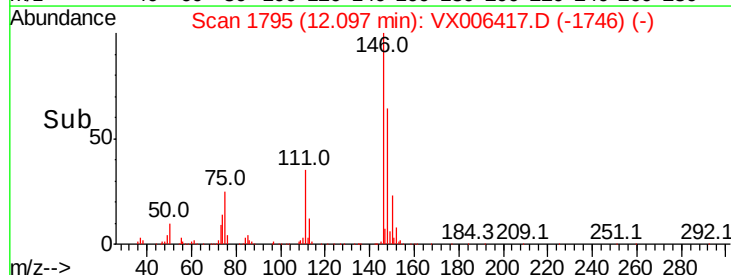
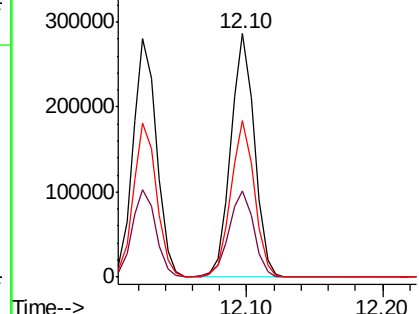


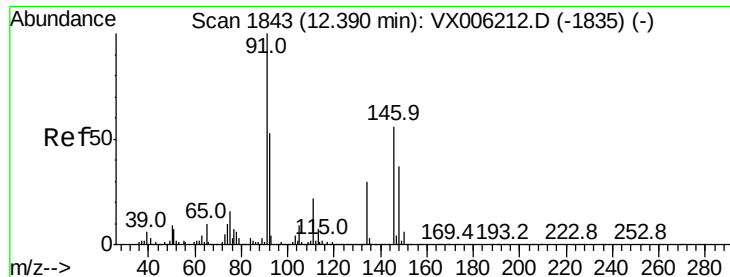
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

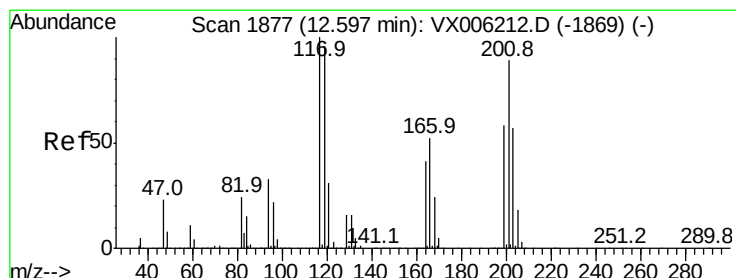
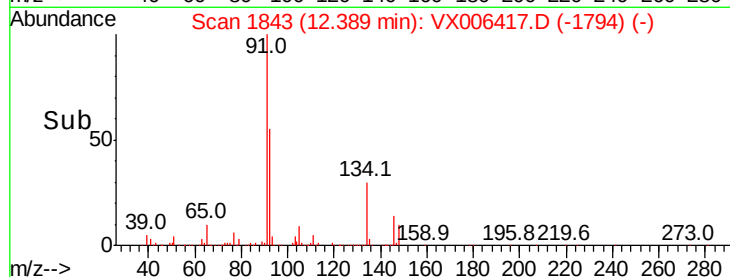
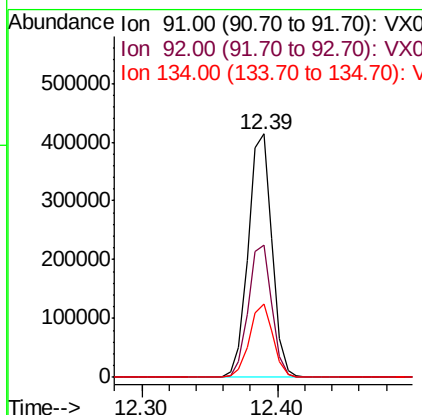
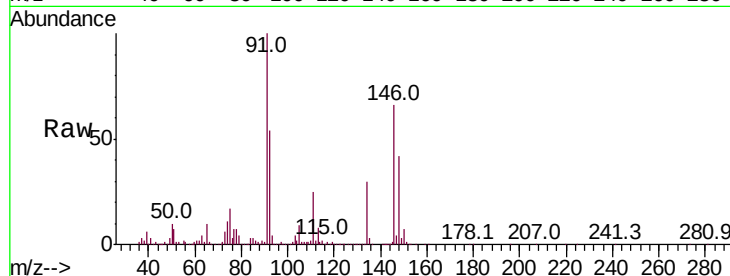




#89
n-Butylbenzene
Concen: 19.371 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

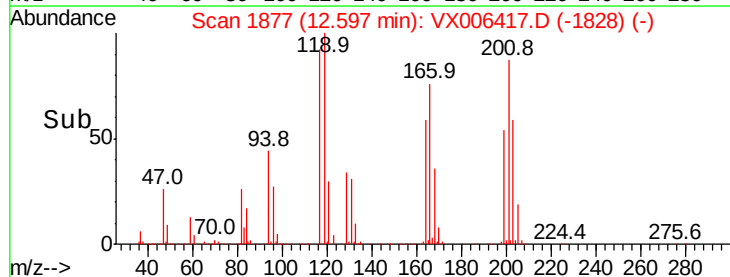
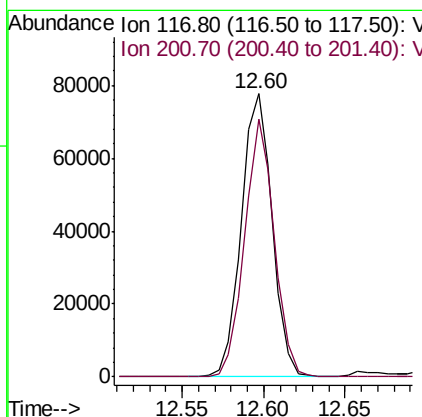
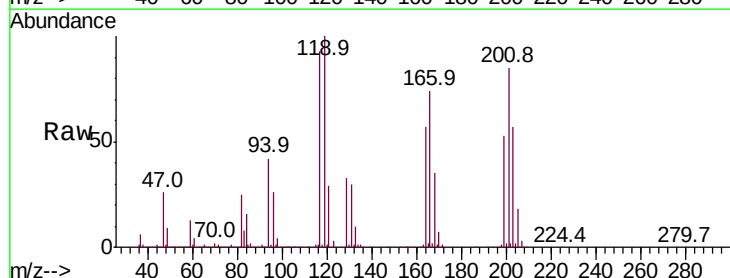
Instrument :
MSVOA_X
ClientSampleId :

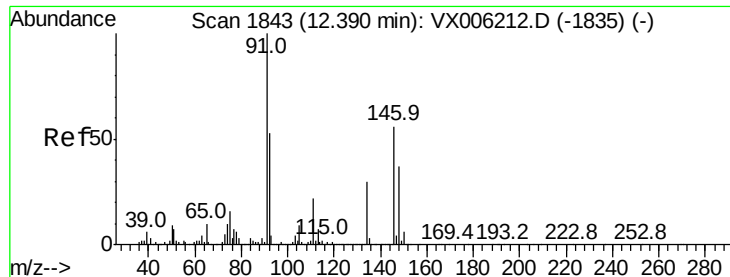
Tot Ion: 91 Resp: 505216
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 29.9 14.8 44.3



#90
Hexachloroethane
Concen: 16.438 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion: 117 Resp: 102405
Ion Ratio Lower Upper
117 100
201 87.4 44.7 134.1

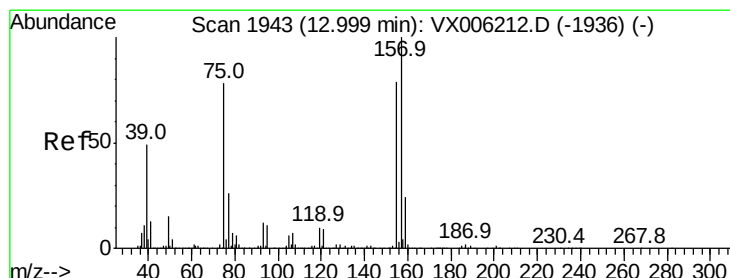
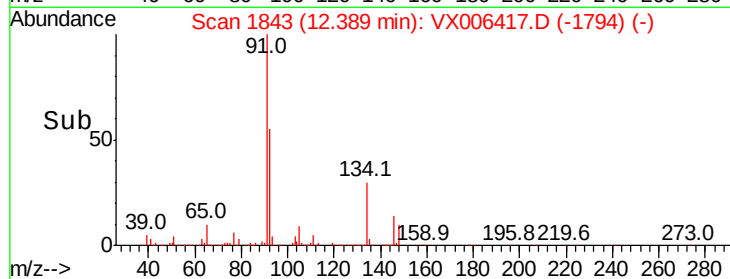
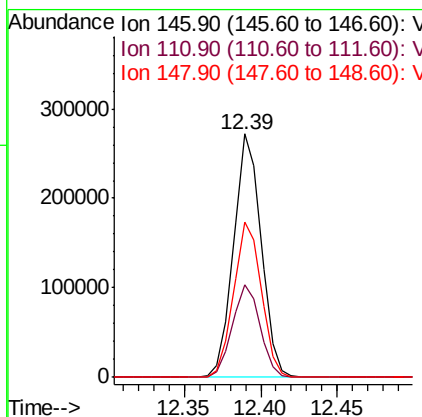
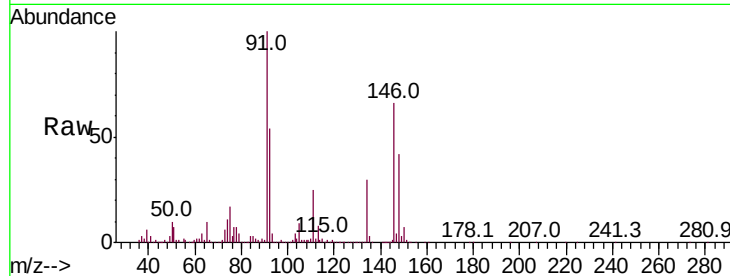




#91
 1,2-Dichlorobenzene
 Concen: 20.530 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

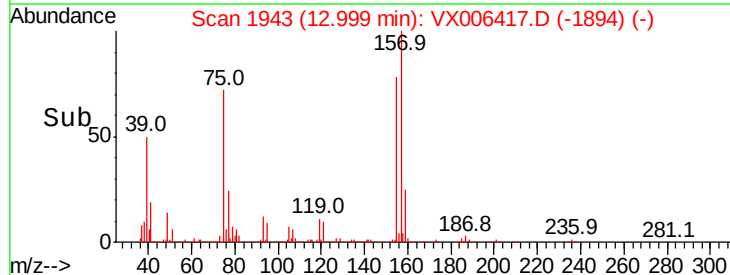
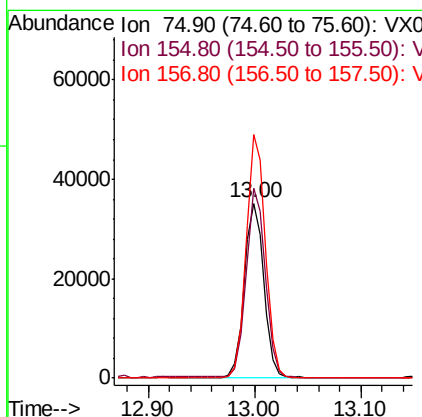
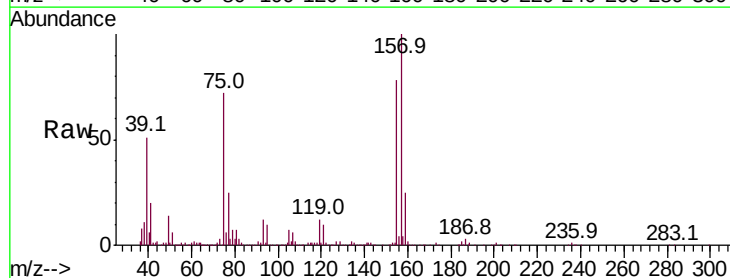
Instrument :
 MSVOA_X
 ClientSampleId :

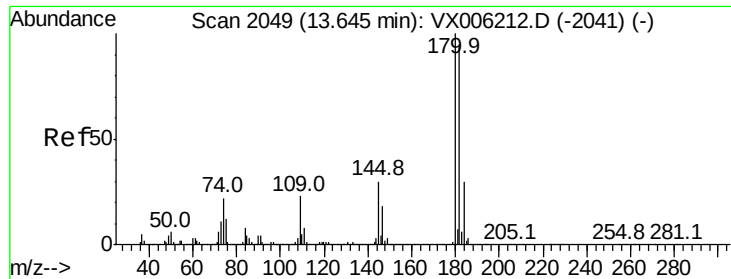
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	64.8	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.602 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.3	53.4	160.3
157	135.9	68.0	203.8

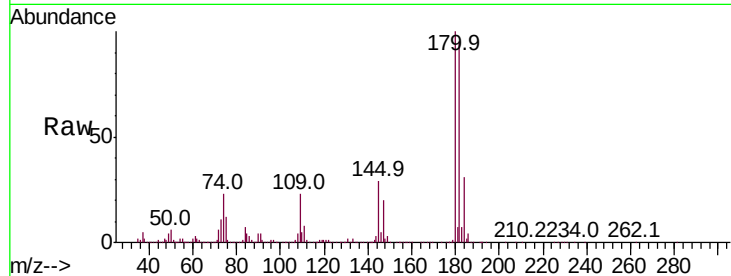




#93
 1,2,4-Trichlorobenzene
 Concen: 19.826 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	29.8	14.6	43.8

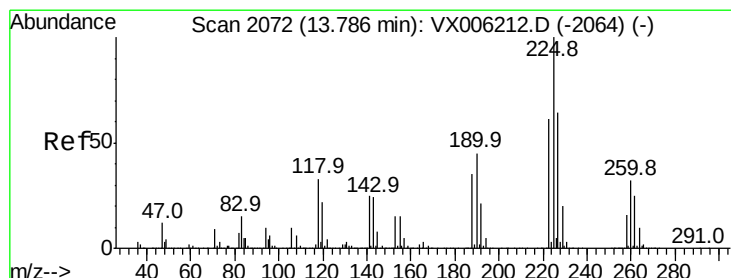
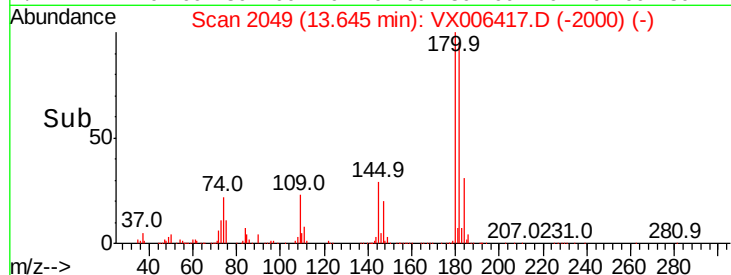
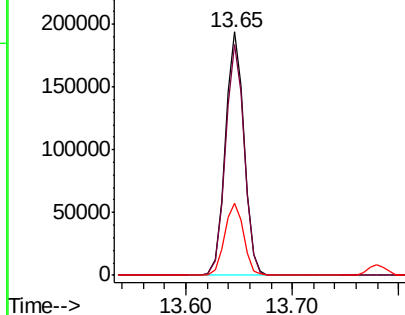


Abundance

Ion 179.80 (179.50 to 180.50): V

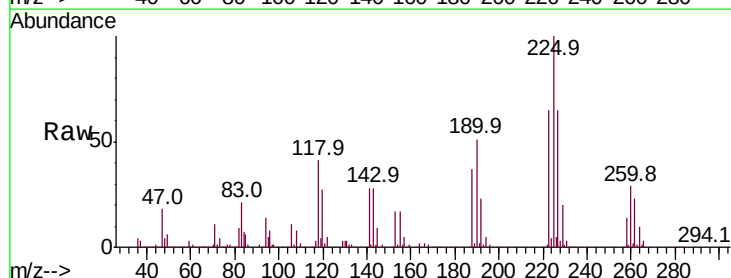
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.771 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006417.D
 Acq: 11 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	63.8	31.9	95.5

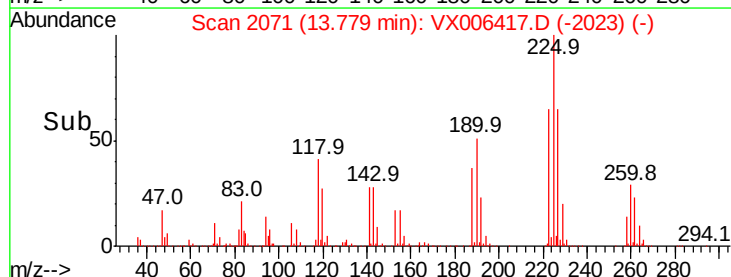
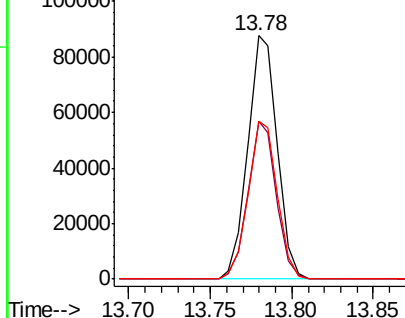


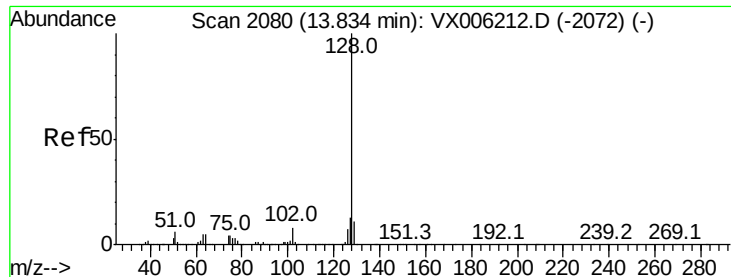
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

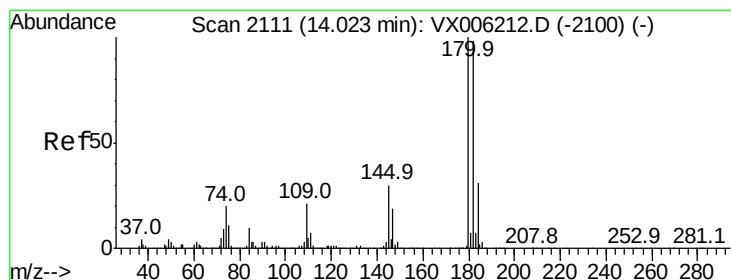
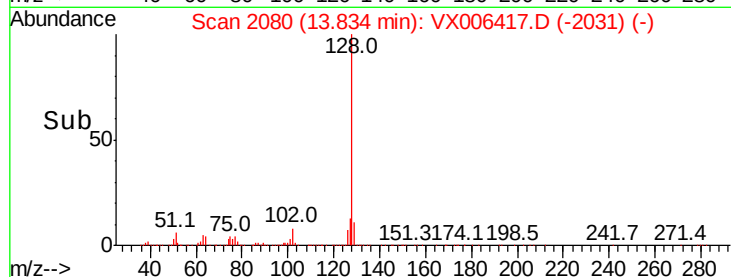
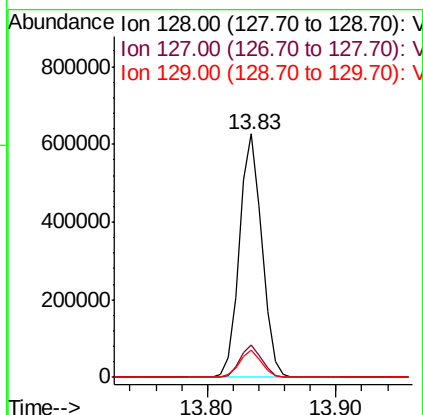
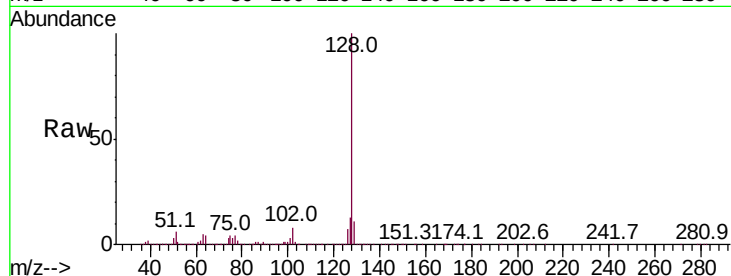




#95
Naphthalene
Concen: 20.154 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.242 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006417.D
Acq: 11 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.2
145	31.3	15.6	46.8

