

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006585.D
 Acq On : 17 Dec 2018 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 00:43:30 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	599809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	930238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	851853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	295698	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
35) Dibromofluoromethane	5.50	113	279418	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	8.71	98	1003465	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
62) 4-Bromofluorobenzene	11.13	95	377085	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	273510	46.571	ug/l	99
3) Chloromethane	1.33	50	275171	45.594	ug/l	96
4) Vinyl Chloride	1.41	62	306342	47.162	ug/l	98
5) Bromomethane	1.64	94	299004	66.422	ug/l	99
6) Chloroethane	1.71	64	197294	49.539	ug/l	98
7) Trichlorofluoromethane	1.93	101	492125	49.357	ug/l	98
8) Diethyl Ether	2.19	74	188294	49.898	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	280518	49.478	ug/l	98
10) Methyl Iodide	2.51	142	434553	50.859	ug/l	99
11) Tert butyl alcohol	3.08	59	362562	216.516	ug/l	100
12) 1,1-Dichloroethene	2.37	96	269281	49.615	ug/l	94
13) Acrolein	2.30	56	316506	345.819	ug/l	100
14) Allyl chloride	2.73	41	459524	42.861	ug/l	98
15) Acrylonitrile	3.15	53	840835	240.628	ug/l	99
16) Acetone	2.45	43	683571	237.886	ug/l	97
17) Carbon Disulfide	2.57	76	686431	41.044	ug/l	100
18) Methyl Acetate	2.78	43	480856	50.039	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	947451	48.934	ug/l	99
20) Methylene Chloride	2.85	84	301661	49.327	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	288367	49.857	ug/l	93
22) Diisopropyl ether	3.87	45	857517	51.206	ug/l	99
23) Vinyl Acetate	3.82	43	3441089	240.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	488529	51.038	ug/l	99
25) 2-Butanone	4.70	43	1030373	251.304	ug/l	98
26) 2,2-Dichloropropane	4.59	77	330713	37.438	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	337815	52.362	ug/l	96
28) Bromochloromethane	5.02	49	207522	49.636	ug/l	98
29) Tetrahydrofuran	5.15	42	707440	248.262	ug/l	98
30) Chloroform	5.21	83	529895	52.680	ug/l	98
31) Cyclohexane	5.57	56	440637	49.813	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	456244	47.672	ug/l	99
36) 1,1-Dichloropropene	5.80	75	383561	48.964	ug/l	99
37) Ethyl Acetate	4.86	43	405722	46.249	ug/l	98
38) Carbon Tetrachloride	5.78	117	385930	41.878	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	492061	48.392	ug/l	97
40) Benzene	6.14	78	1188812	50.669	ug/l	99
41) Methacrylonitrile	5.06	41	224338	46.474	ug/l	98
42) 1,2-Dichloroethane	6.20	62	397908	51.819	ug/l	100
43) Isopropyl Acetate	6.46	43	653179	44.658	ug/l	99
44) Trichloroethene	7.21	130	358107	50.383	ug/l	97
45) 1,2-Dichloropropane	7.51	63	294618	49.408	ug/l	99
46) Dibromomethane	7.66	93	213356	49.542	ug/l	96
47) Bromodichloromethane	7.90	83	372087	44.616	ug/l	99
48) Methyl methacrylate	7.77	41	331917	46.647	ug/l	98
49) 1,4-Dioxane	7.75	88	160986	917.960	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2046715	240.375	ug/l	99
52) Toluene	8.79	92	778580	50.440	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	402508	41.268	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	448368	44.271	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	323485	51.585	ug/l	100
56) Ethyl methacrylate	9.18	69	457350	46.652	ug/l	99
57) 1,3-Dichloropropane	9.37	76	513495	51.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1096153	220.344	ug/l	100
59) 2-Hexanone	9.49	43	1520686	233.764	ug/l	99
60) Dibromochloromethane	9.59	129	318686	41.214	ug/l	100
61) 1,2-Dibromoethane	9.67	107	349299	49.816	ug/l	100
64) Tetrachloroethene	9.34	164	334807	52.189	ug/l	97
65) Chlorobenzene	10.14	112	911546	50.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	305747	43.517	ug/l	99
67) Ethyl Benzene	10.25	91	1502776	49.967	ug/l	99
68) m/p-Xylenes	10.36	106	1192642	98.996	ug/l	99
69) o-Xylene	10.70	106	587436	49.364	ug/l	99
70) Styrene	10.71	104	948473	49.280	ug/l	99
71) Bromoform	10.86	173	235987	35.581	ug/l	99
73) Isopropylbenzene	11.02	105	1553026	51.249	ug/l	99
74) N-amyl acetate	10.90	43	555539	42.572	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	463102	47.769	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	512758	60.541	ug/l	87
77) Bromobenzene	11.26	156	411668	48.951	ug/l	98
78) n-propylbenzene	11.36	91	1708441	50.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	1001942	50.044	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1274850	50.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	114029	31.594	ug/l #	82
82) 4-Chlorotoluene	11.51	91	1155810	49.653	ug/l	100
83) tert-Butylbenzene	11.77	119	1308041	48.623	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1309298	50.290	ug/l	100
85) sec-Butylbenzene	11.94	105	1560253	50.981	ug/l	100
86) p-Isopropyltoluene	12.07	119	1382862	50.180	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	741091	49.525	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	738713	48.638	ug/l	100
89) n-Butylbenzene	12.38	91	1166598	49.613	ug/l	99
90) Hexachloroethane	12.60	117	200815	35.754	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	725991	48.884	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97344	39.170	ug/l	94

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Quant Time: Dec 18 00:43:30 2018
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

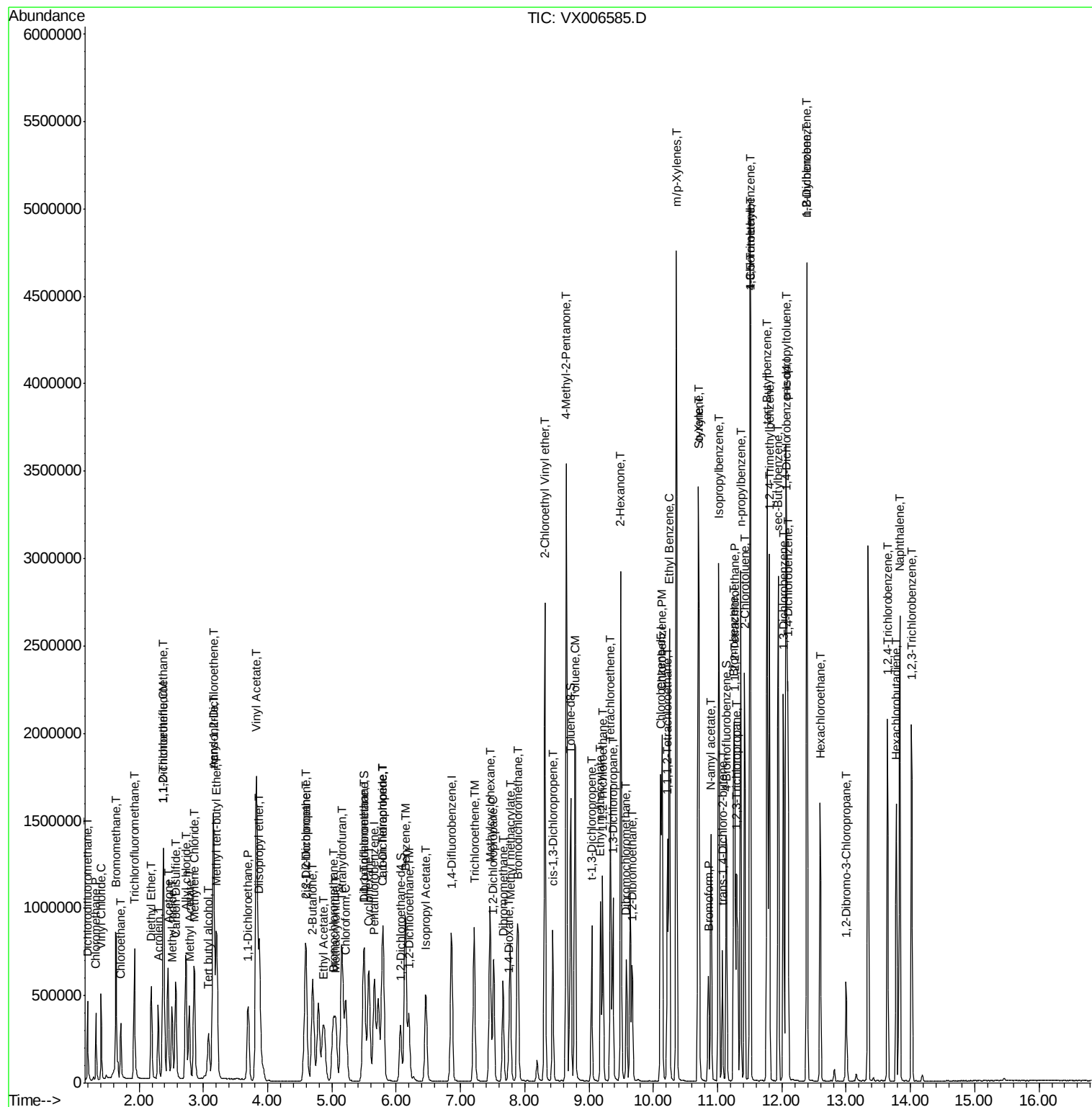
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	513515	47.395	ug/l	99
94) Hexachlorobutadiene	13.78	225	230296	48.062	ug/l	99
95) Naphthalene	13.83	128	1644750	48.801	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	521891	48.631	ug/l	98

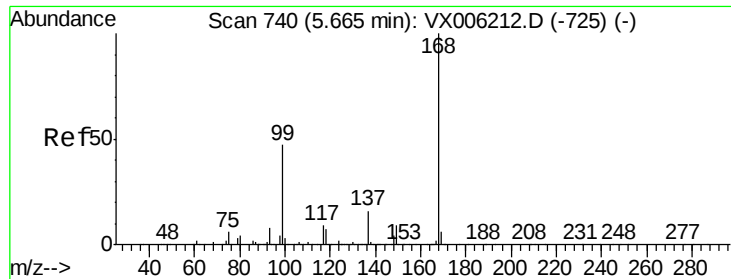
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MSVOA_X
ClientSampled :

Quant Time: Dec 18 00:43:30 2018
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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

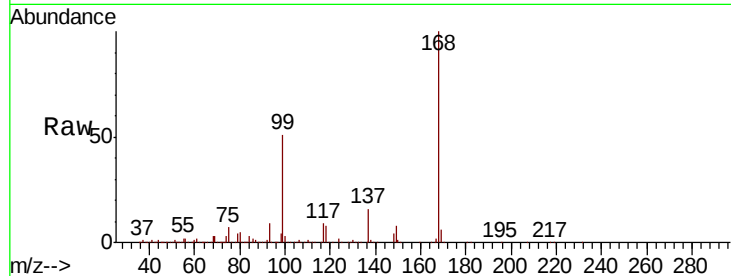
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 599809

Ion Ratio Lower Upper

168 100

99 50.7 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

200000

150000

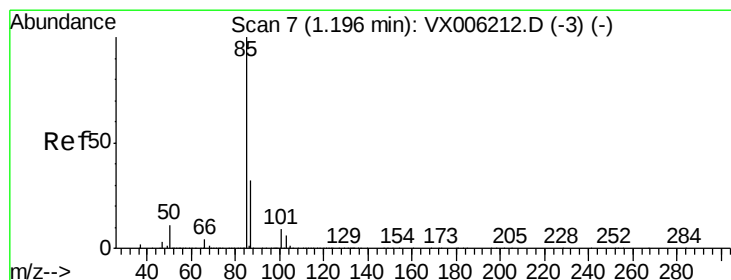
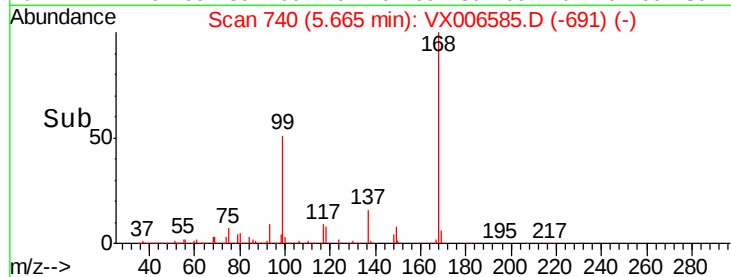
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.571 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006585.D

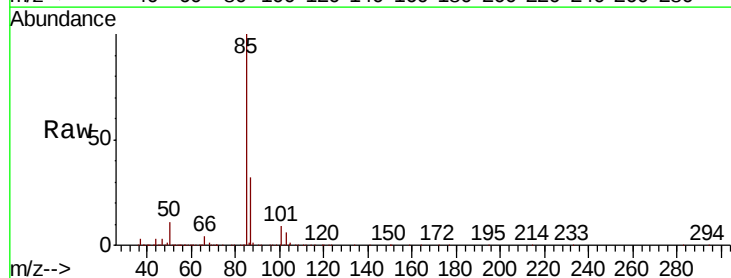
Acq: 17 Dec 2018 20:46

Tgt Ion: 85 Resp: 273510

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

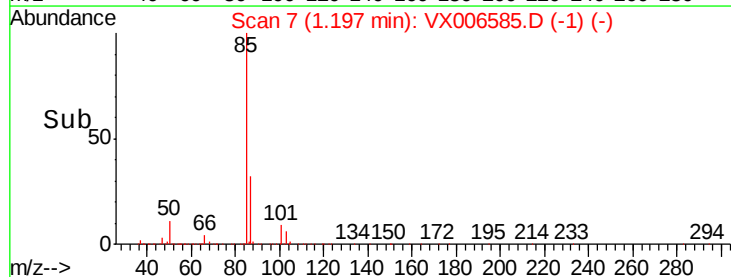
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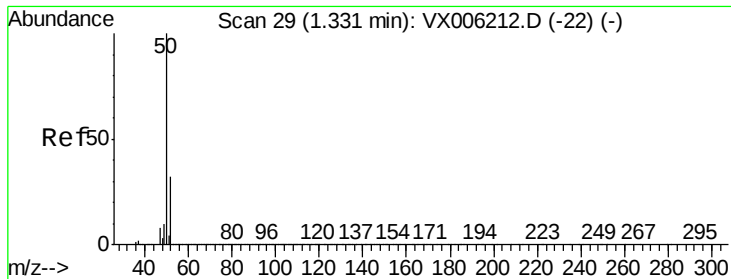
50000

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Time-->

1.15 1.20 1.25 1.30

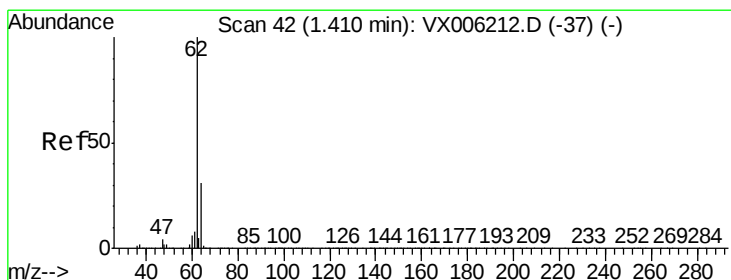
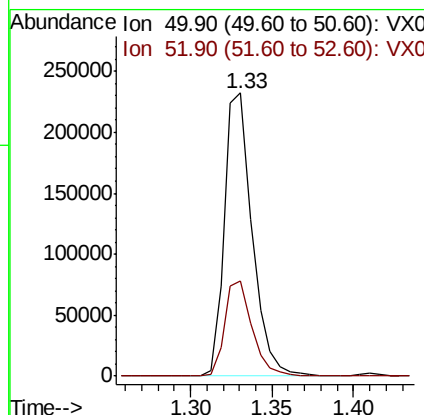
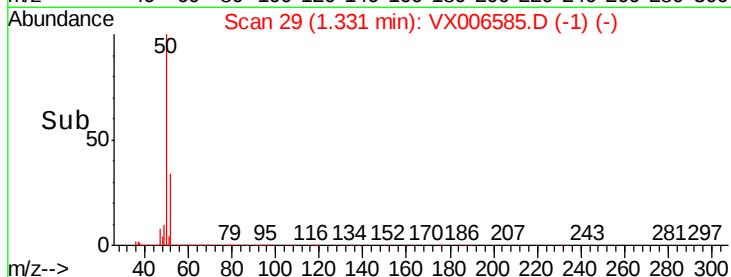
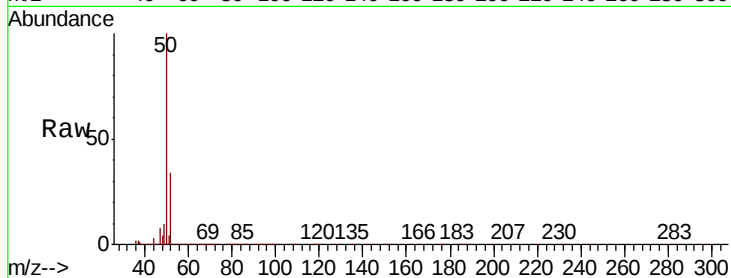




#3
Chloromethane
Concen: 45.594 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

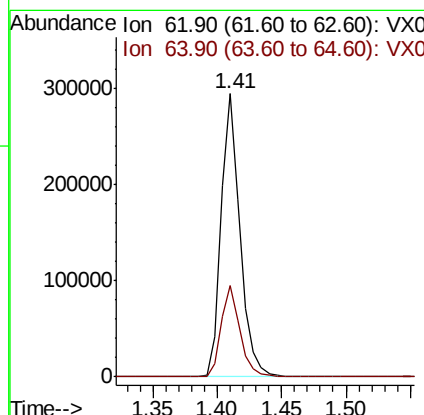
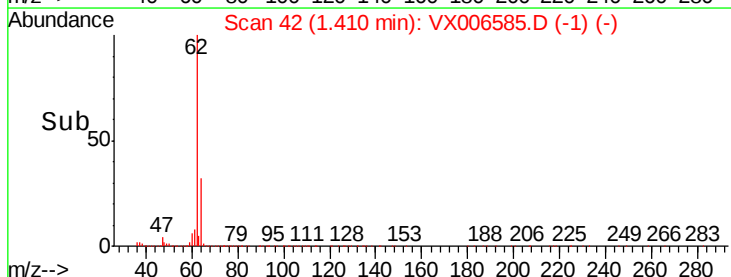
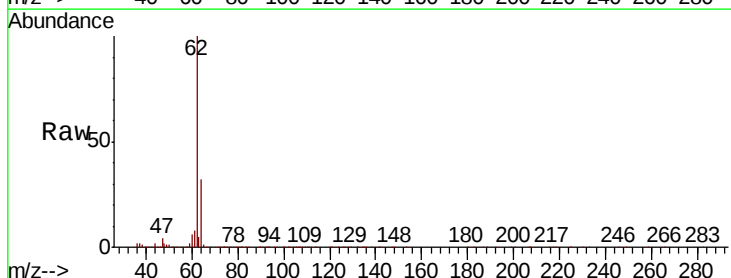
Instrument :
MSVOA_X
ClientSampleId :

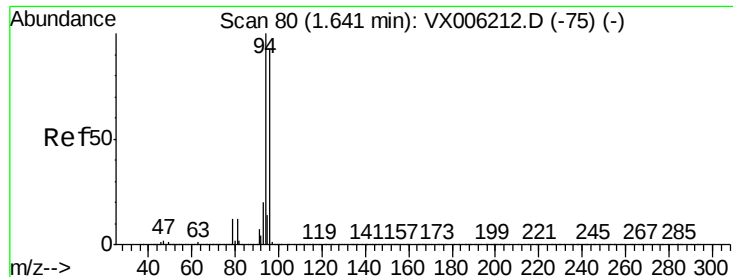
Tot Ion: 50 Resp: 275171
Ion Ratio Lower Upper
50 100
52 33.7 25.2 37.8



#4
Vinyl Chloride
Concen: 47.162 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 62 Resp: 306342
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3





#5

Bromomethane

Concen: 66.422 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

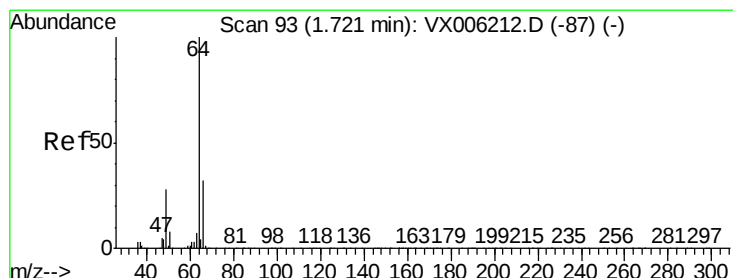
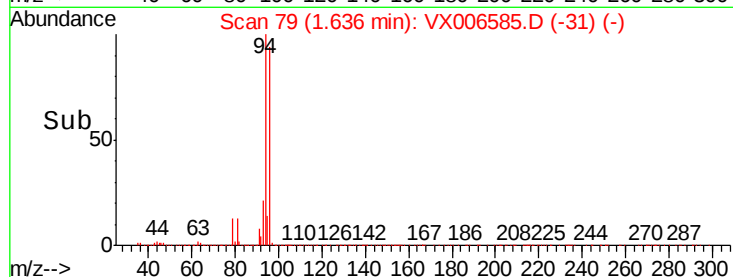
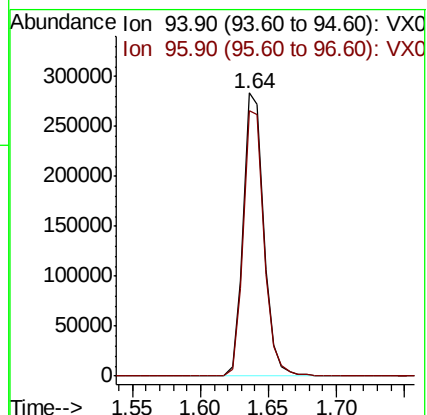
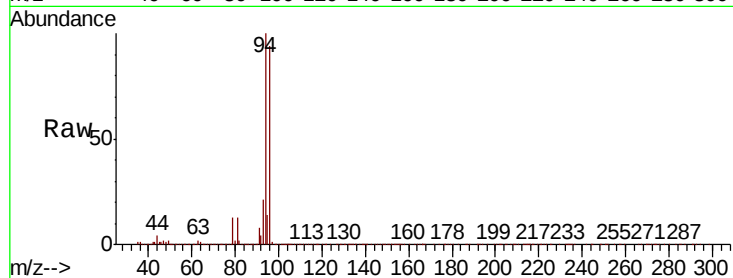
ClientSampleId :

Tot Ion: 94 Resp: 299004

Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7



#6

Chloroethane

Concen: 49.539 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006585.D

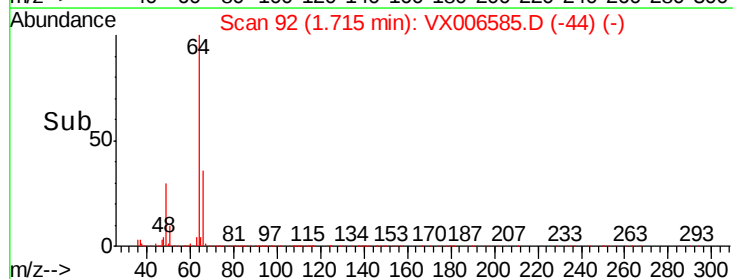
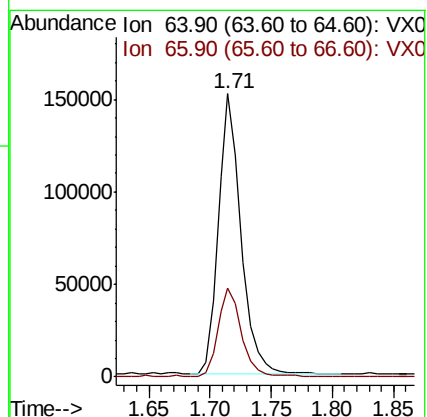
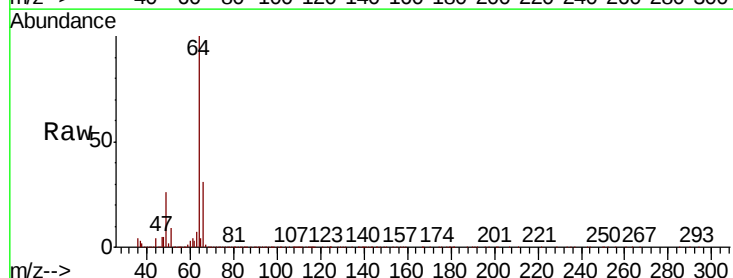
Acq: 17 Dec 2018 20:46

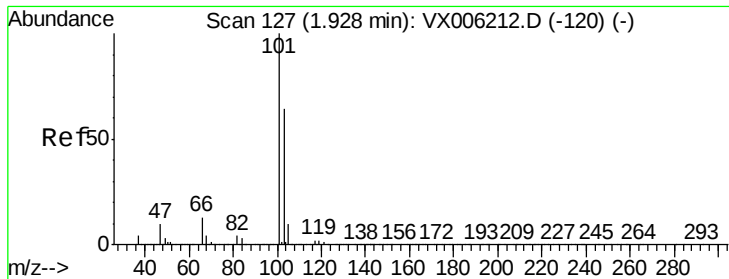
Tgt Ion: 64 Resp: 197294

Ion Ratio Lower Upper

64 100

66 31.3 25.9 38.9



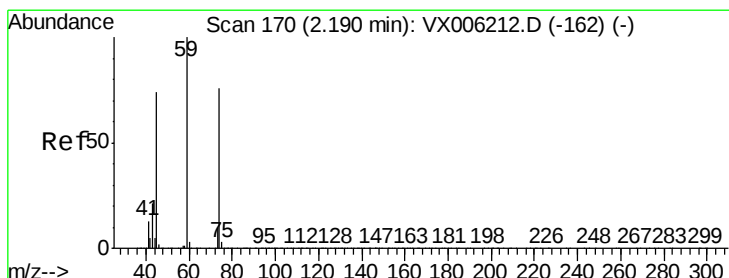
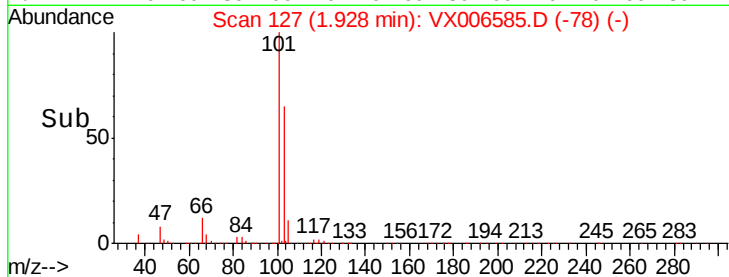
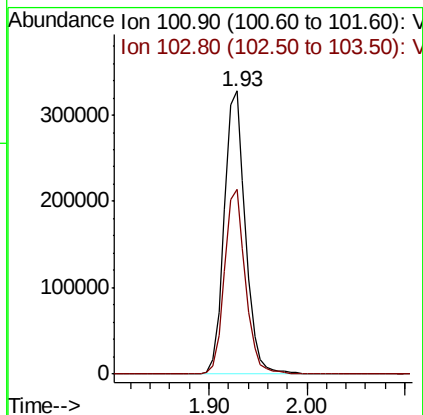
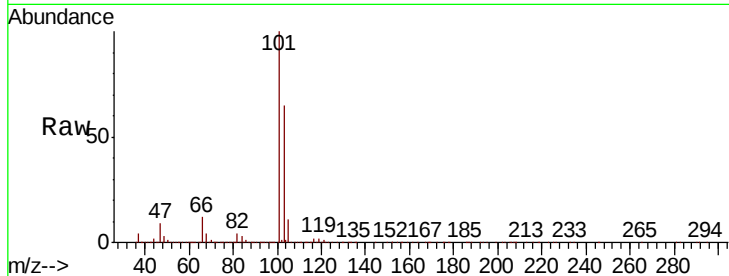


#7

Trichlorofluoromethane
Concen: 49.357 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :

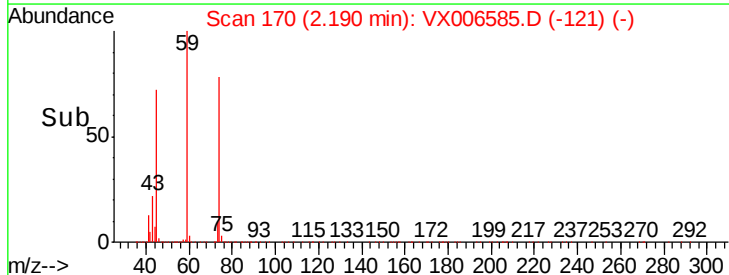
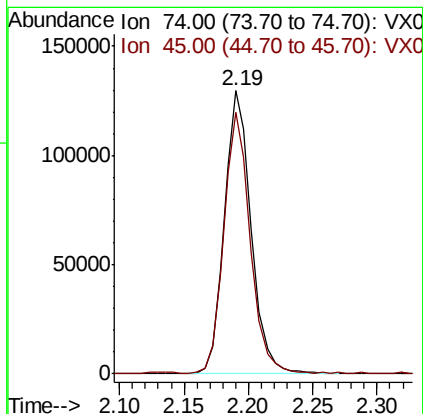
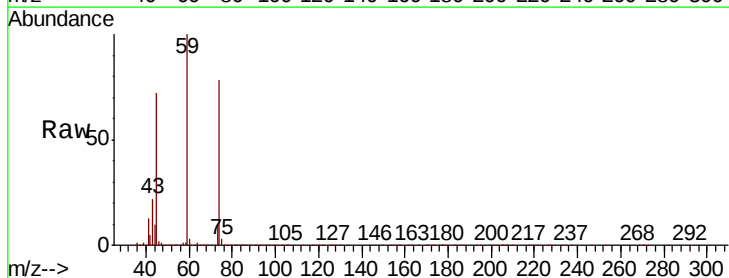
Tot Ion:101 Resp: 492125
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

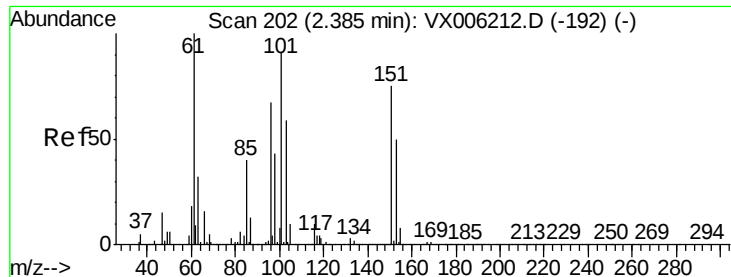


#8

Diethyl Ether
Concen: 49.898 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 74 Resp: 188294
Ion Ratio Lower Upper
74 100
45 91.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.478 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

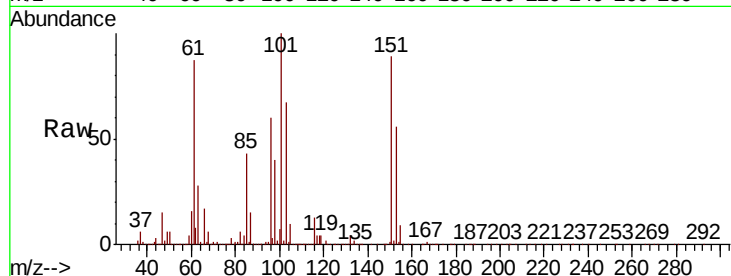
Tot Ion:101 Resp: 280518

Ion Ratio Lower Upper

101 100

85 44.1 35.5 53.3

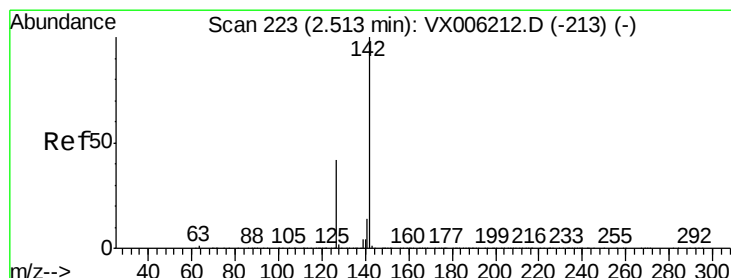
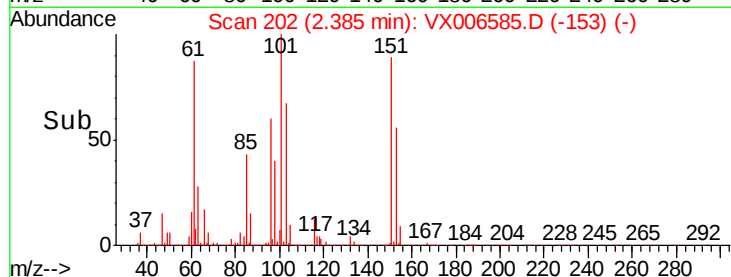
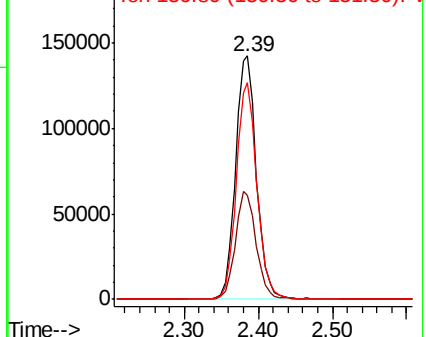
151 87.7 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.859 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

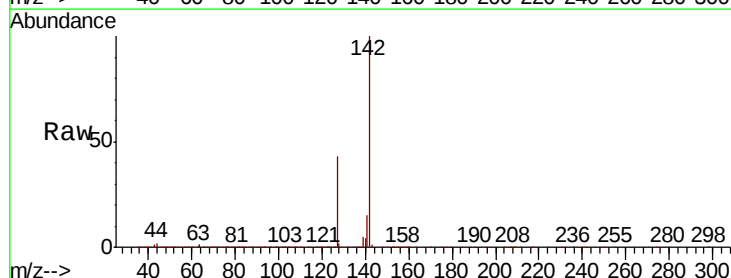
Tgt Ion:142 Resp: 434553

Ion Ratio Lower Upper

142 100

127 42.5 34.8 52.2

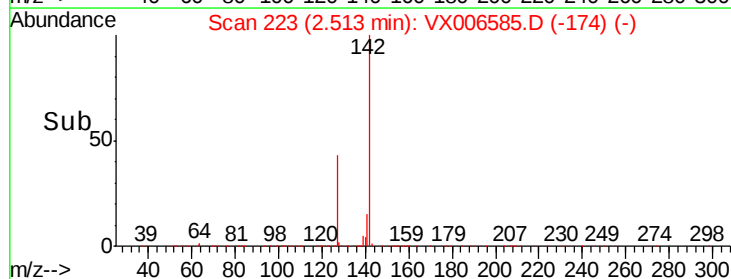
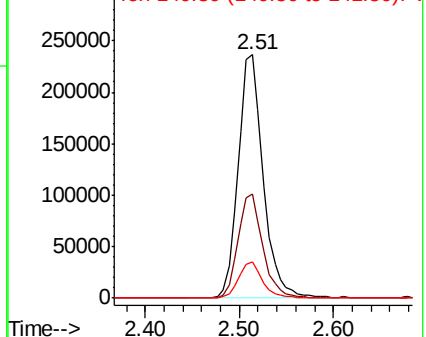
141 14.5 11.4 17.2

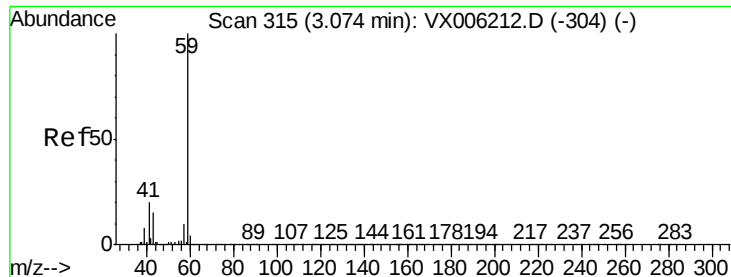


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

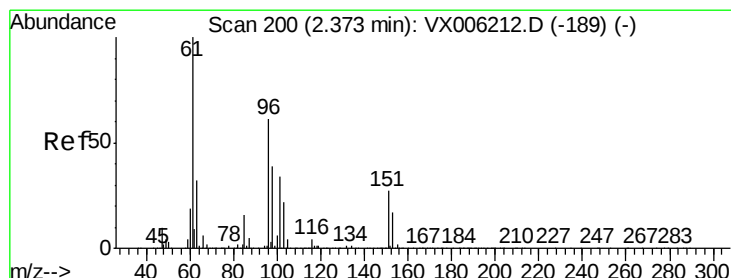
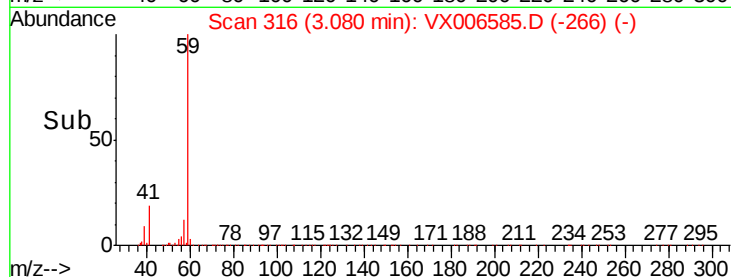
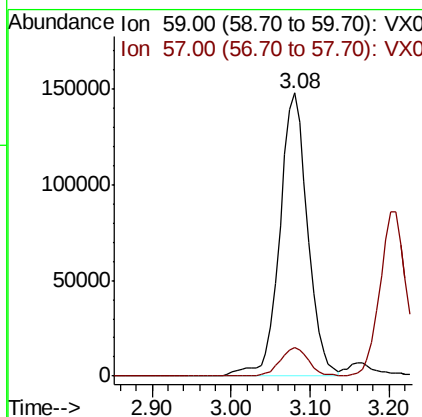
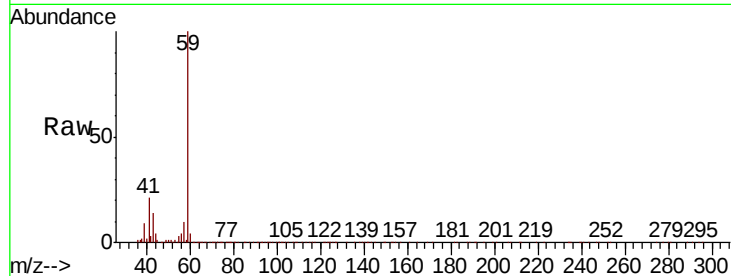




#11
Tert butyl alcohol
Concen: 216.516 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

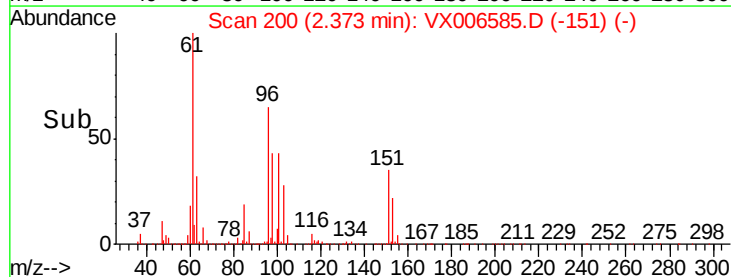
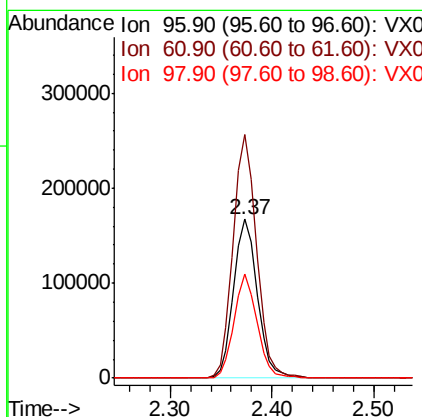
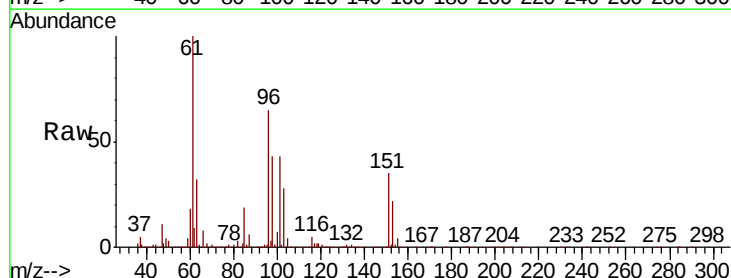
Instrument :
MSVOA_X
ClientSampleId :

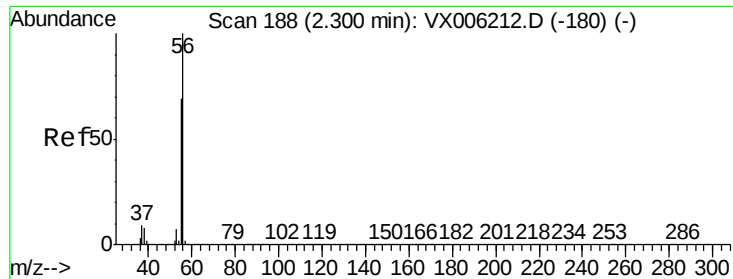
Tot Ion: 59 Resp: 362562
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.615 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 96 Resp: 269281
Ion Ratio Lower Upper
96 100
61 153.0 131.7 197.5
98 65.2 51.8 77.6

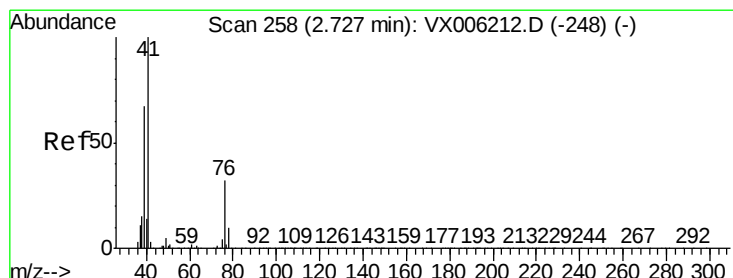
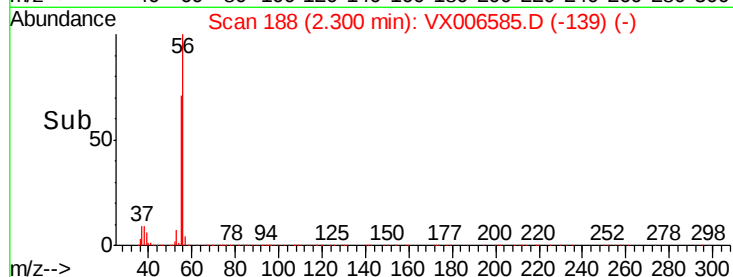
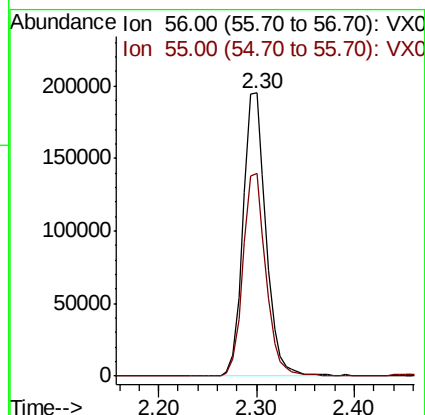
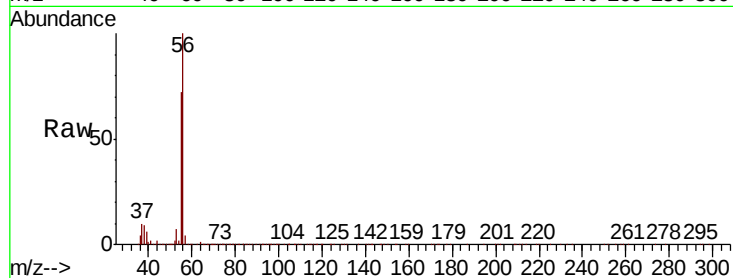




#13
Acrolein
Concen: 345.819 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

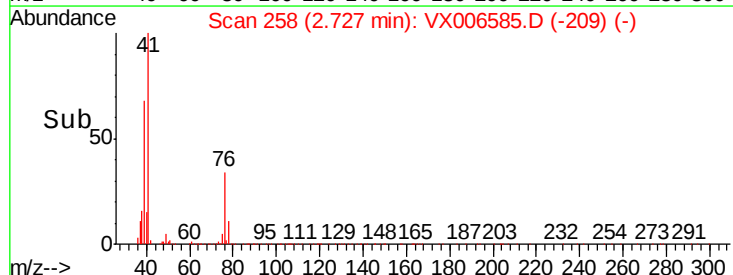
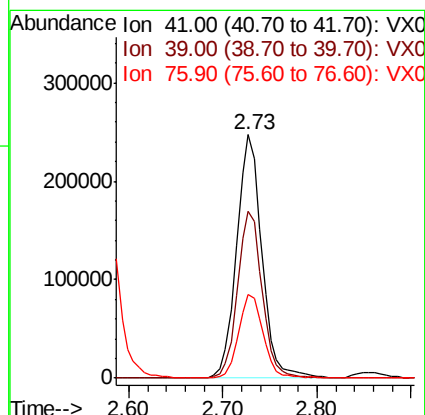
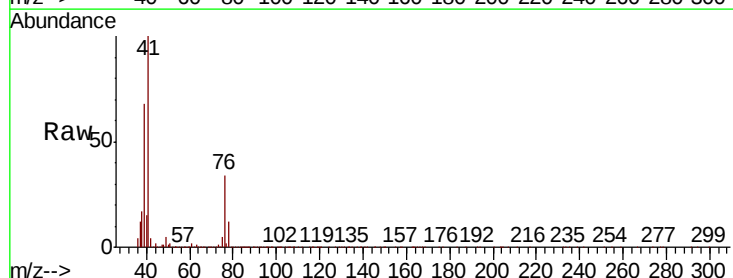
Instrument :
MSVOA_X
ClientSampleId :

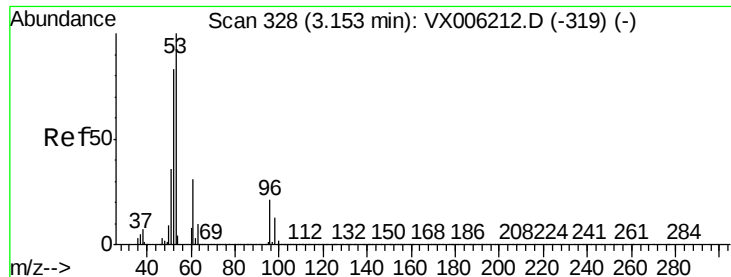
Tot Ion: 56 Resp: 316506
Ion Ratio Lower Upper
56 100
55 71.9 57.8 86.6



#14
Allyl chloride
Concen: 42.861 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 41 Resp: 459524
Ion Ratio Lower Upper
41 100
39 66.6 52.4 78.6
76 33.3 25.4 38.0

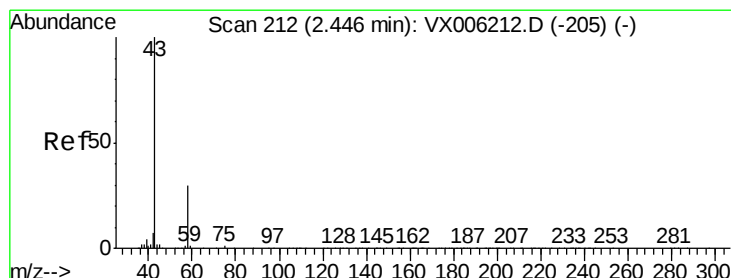
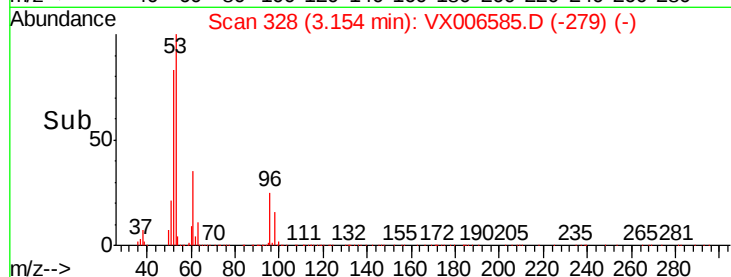
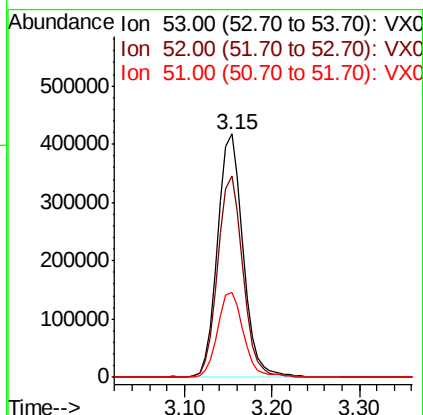
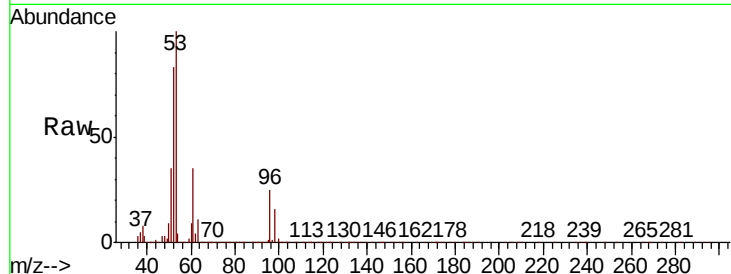




#15
 Acrylonitrile
 Concen: 240.628 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

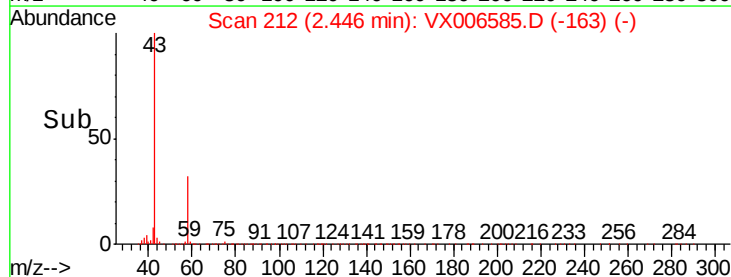
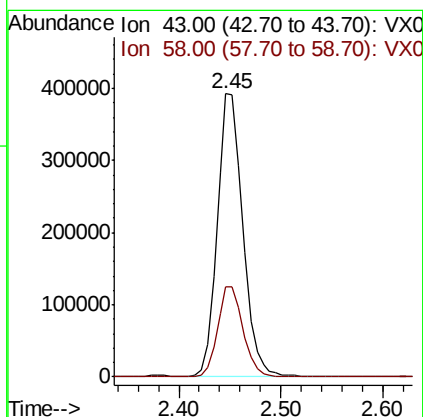
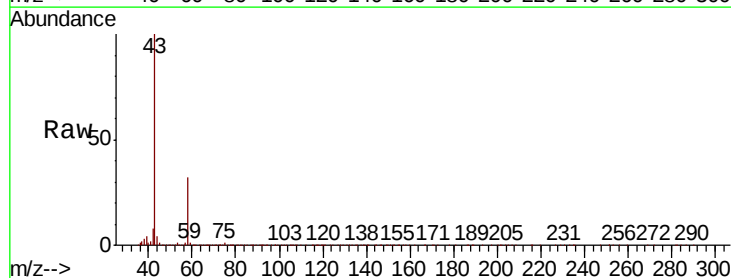
Instrument :
 MSVOA_X
 ClientSampleId :

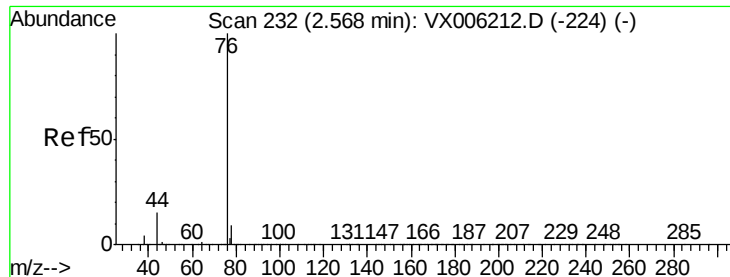
Tot Ion: 53 Resp: 840835
 Ion Ratio Lower Upper
 53 100
 52 82.0 66.2 99.4
 51 35.8 28.7 43.1



#16
 Acetone
 Concen: 237.886 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 683571
 Ion Ratio Lower Upper
 43 100
 58 31.6 24.0 36.0





#17

Carbon Disulfide

Concen: 41.044 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

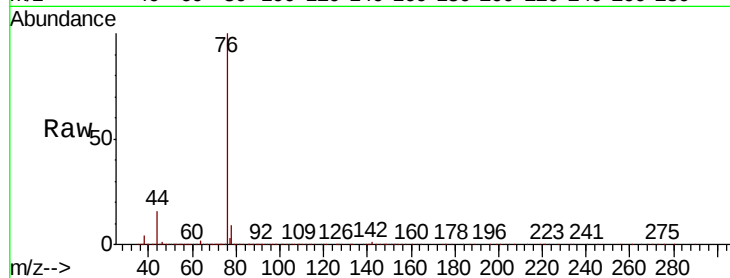
ClientSampleId :

Tot Ion: 76 Resp: 686431

Ion Ratio Lower Upper

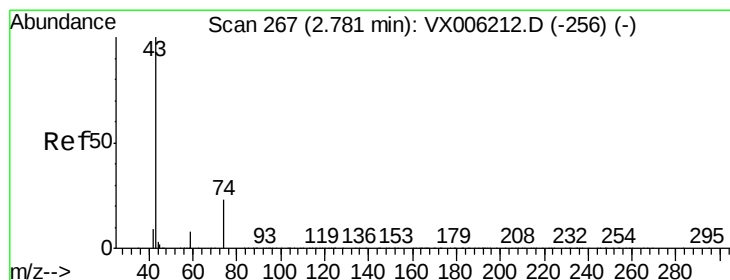
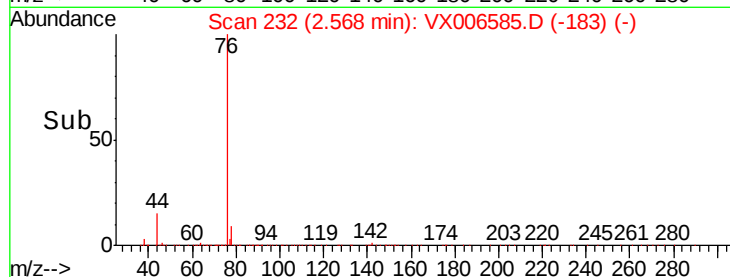
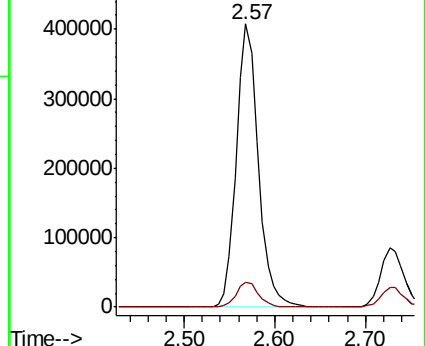
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.039 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006585.D

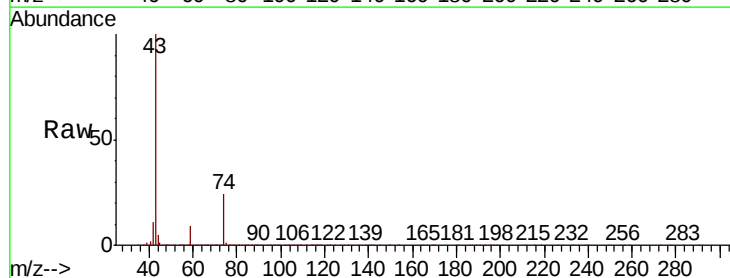
Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 480856

Ion Ratio Lower Upper

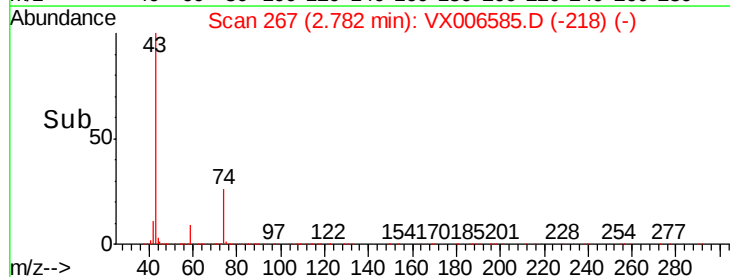
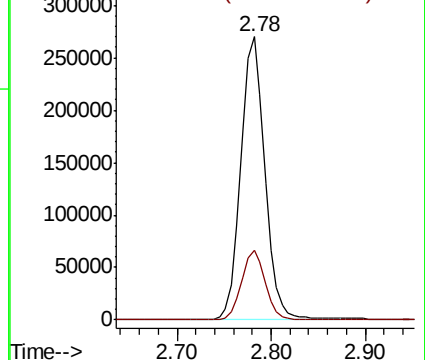
43 100

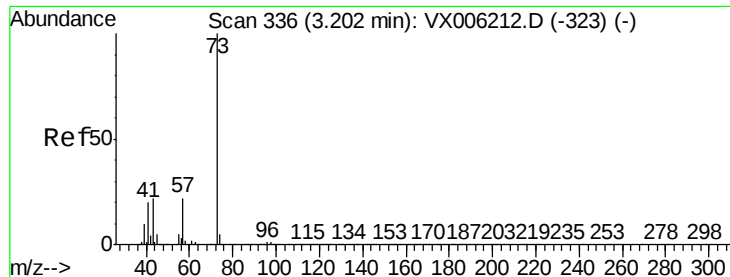
74 24.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

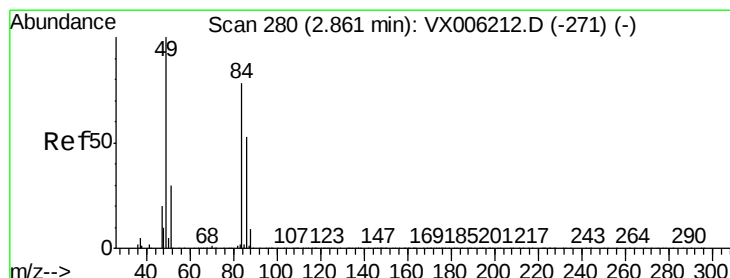
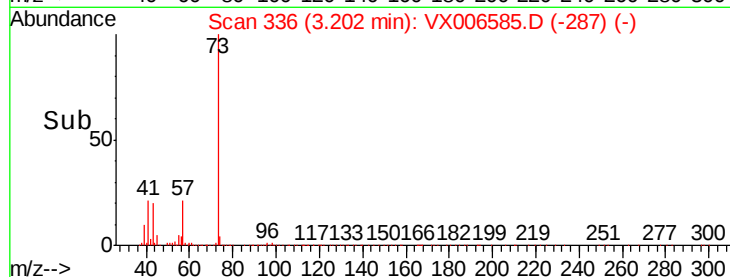
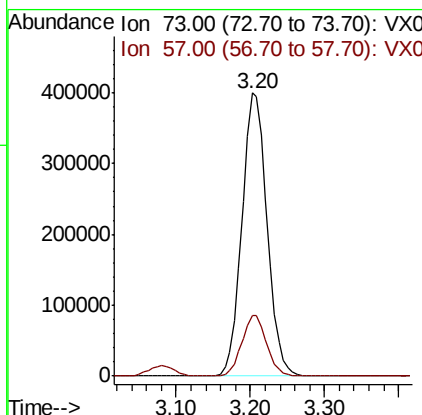
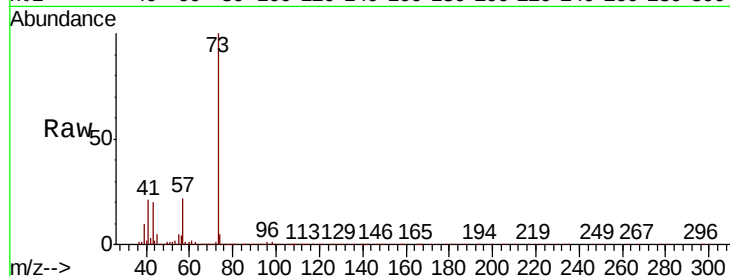




#19
Methvl tert-butvl Ether
Concen: 48.934 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

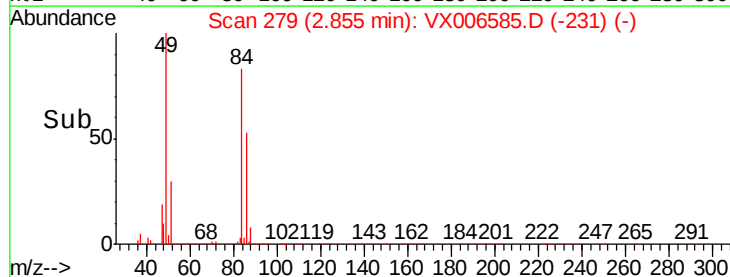
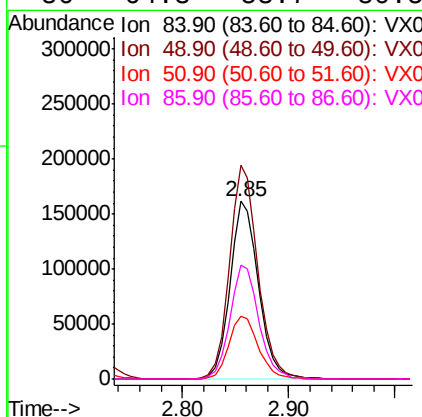
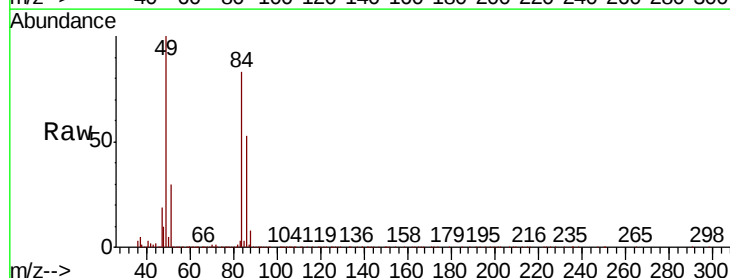
Instrument :
MSVOA_X
ClientSampleId :

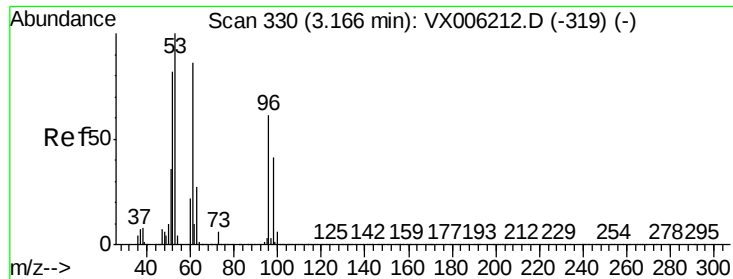
Tot Ion: 73 Resp: 947451
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 49.327 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 84 Resp: 301661
Ion Ratio Lower Upper
84 100
49 120.2 102.2 153.4
51 35.5 31.1 46.7
86 64.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.857 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :

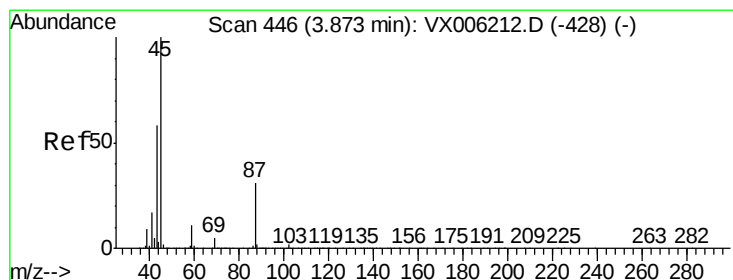
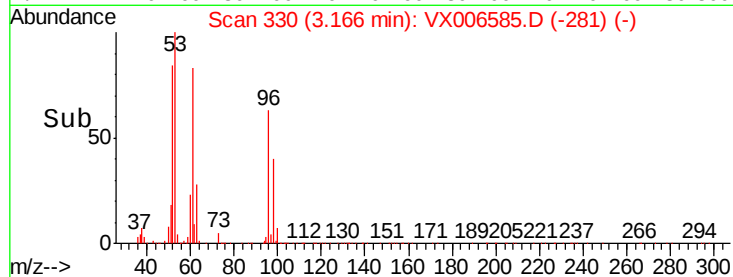
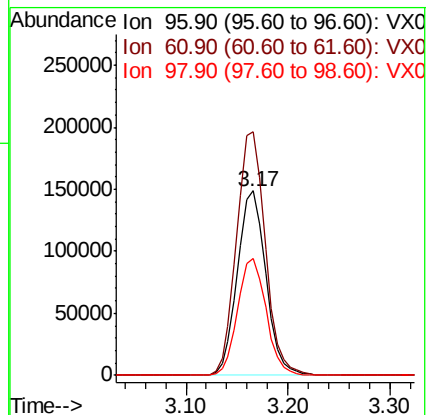
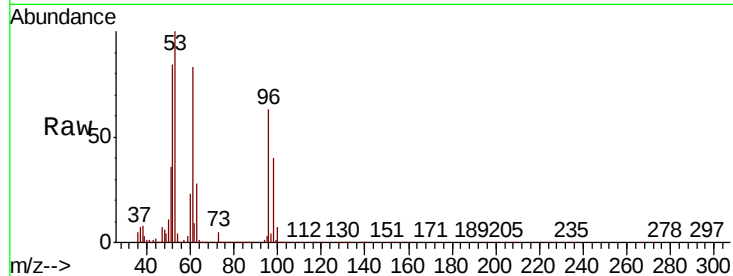
Tot Ion: 96 Resp: 288367

Ion Ratio Lower Upper

96 100

61 131.9 113.3 169.9

98 63.5 53.2 79.8



#22

Diisopropyl ether

Concen: 51.206 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion: 45 Resp: 857517

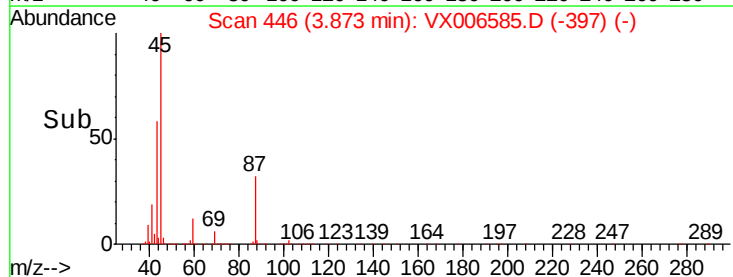
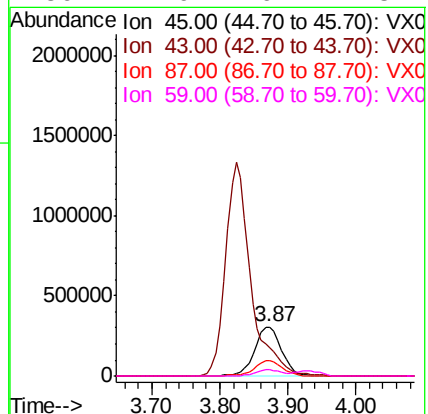
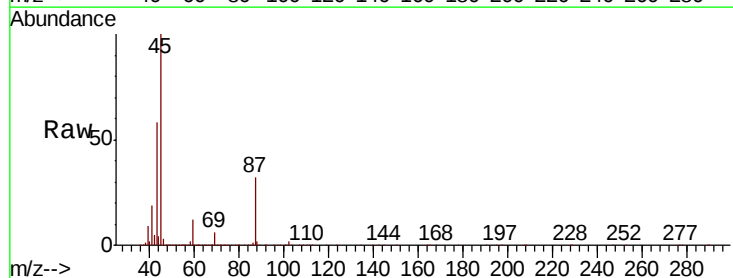
Ion Ratio Lower Upper

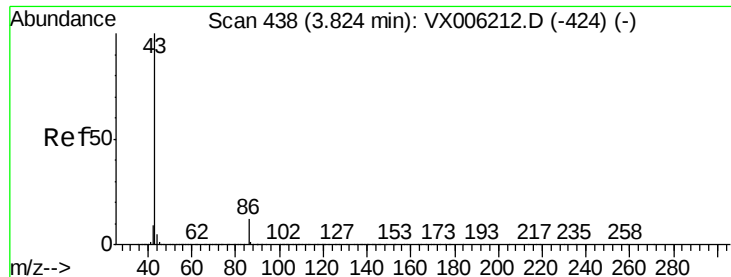
45 100

43 58.3 46.2 69.2

87 32.3 24.9 37.3

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 240.919 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

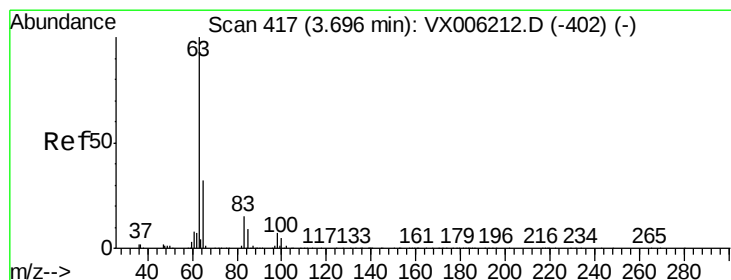
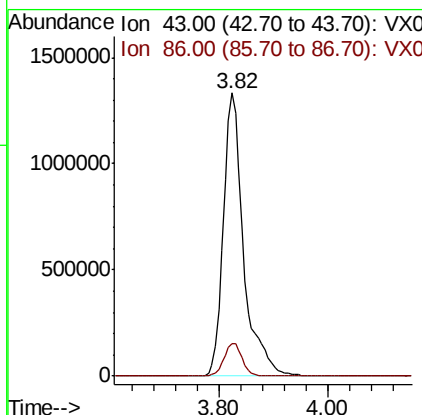
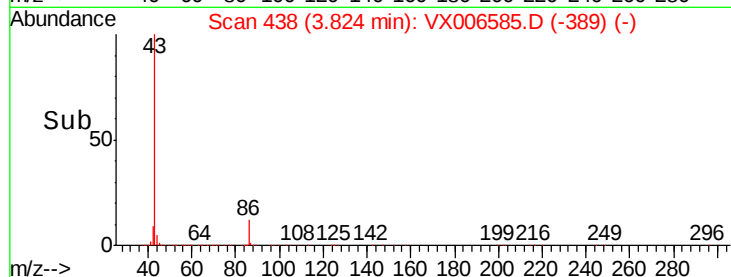
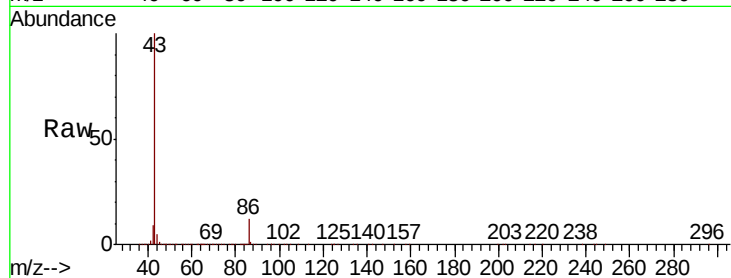
ClientSampled :

Tot Ion: 43 Resp: 3441089

Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0



#24

1,1-Dichloroethane

Concen: 51.038 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

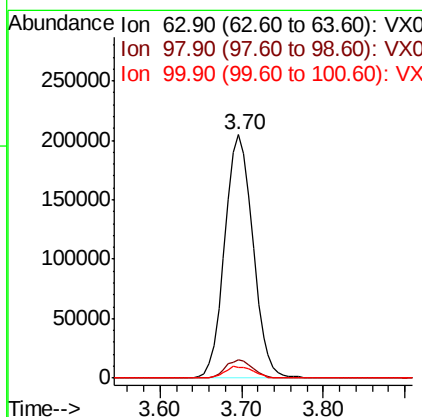
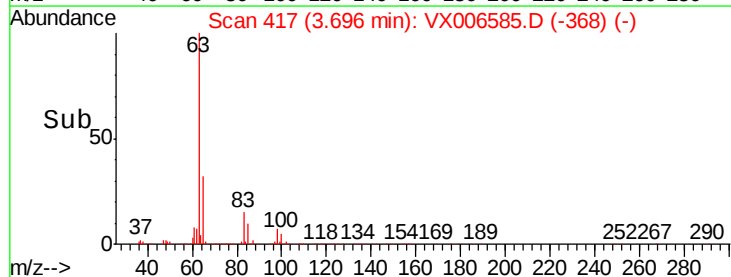
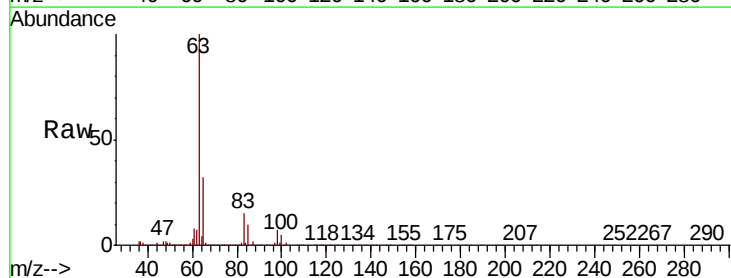
Tgt Ion: 63 Resp: 488529

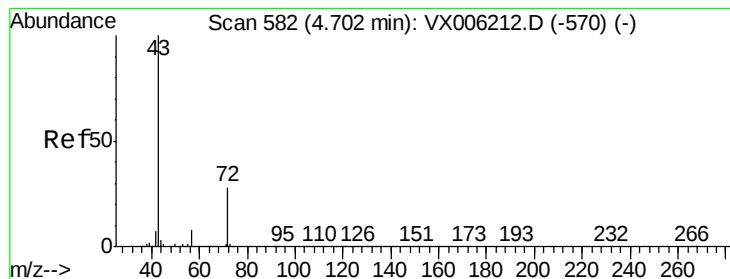
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 251.304 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

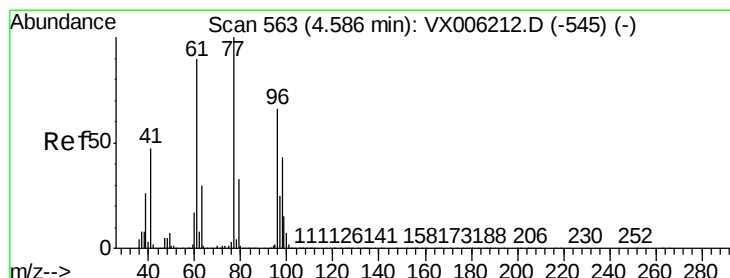
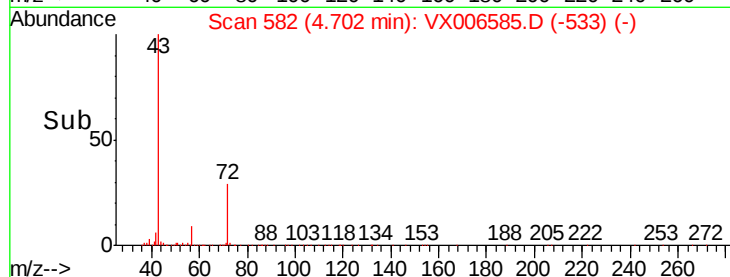
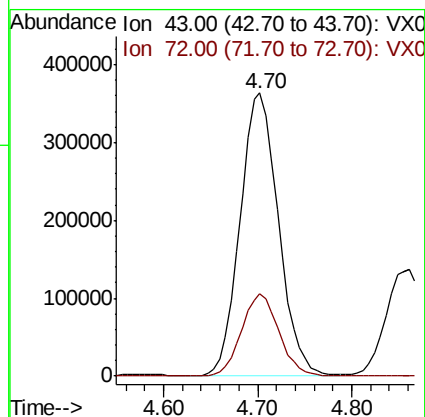
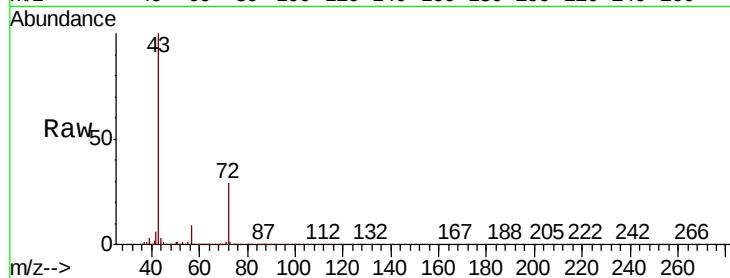
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1030373

Ion Ratio Lower Upper

43 100

72 29.0 22.6 33.8



#26

2,2-Dichloropropane

Concen: 37.438 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006585.D

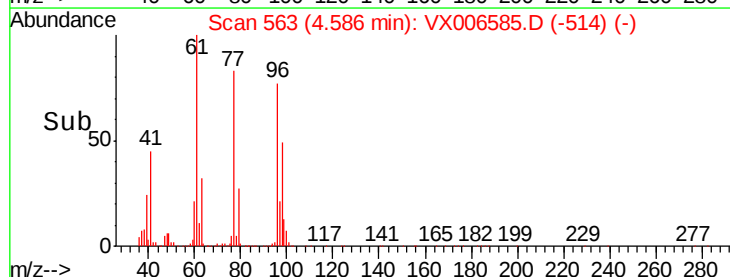
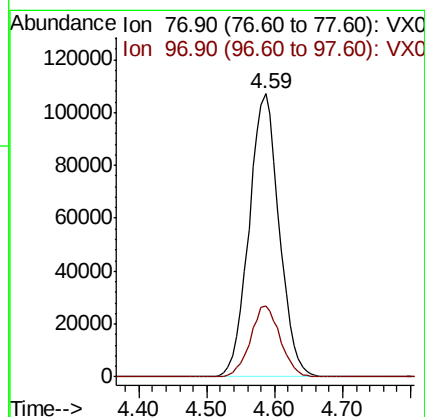
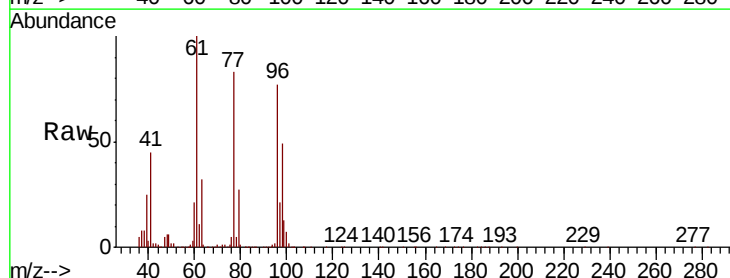
Acq: 17 Dec 2018 20:46

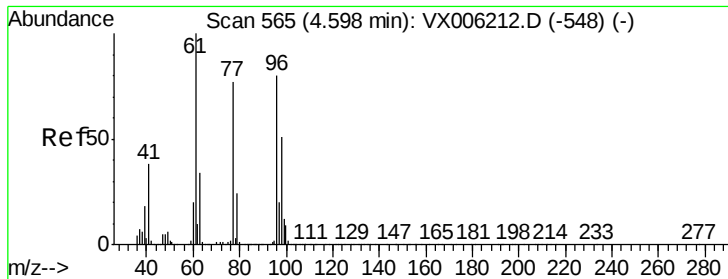
Tgt Ion: 77 Resp: 330713

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8



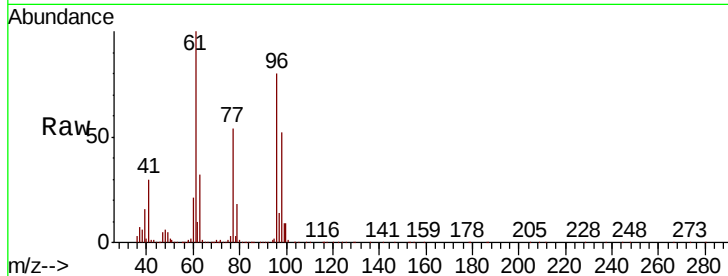


#27

cis-1,2-Dichloroethene
Concen: 52.362 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	265.0
98	64.6	0.0	130.2

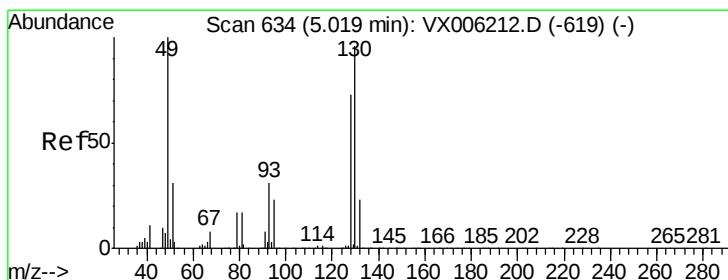
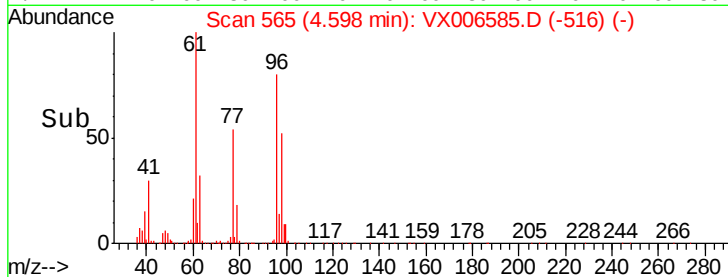
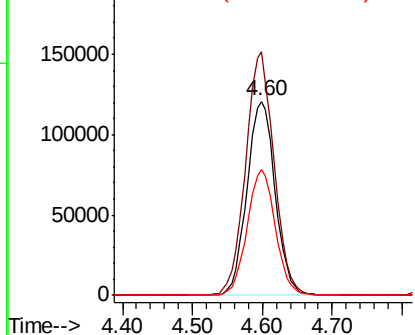


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

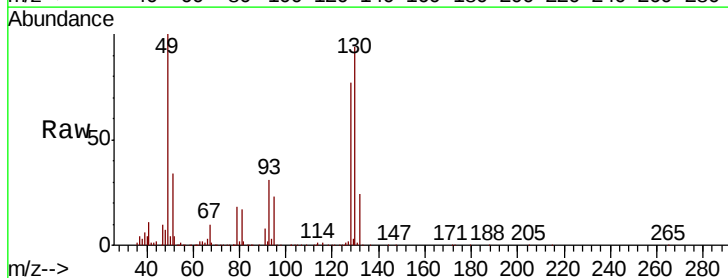
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 49.636 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	95.6	78.3	117.5

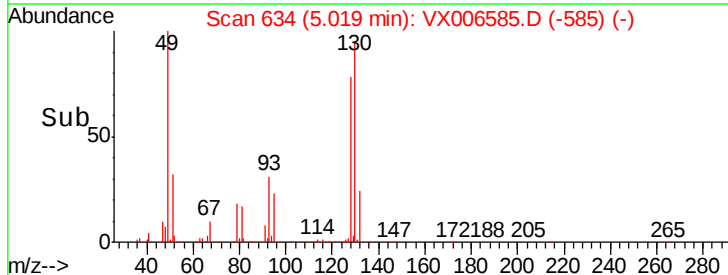
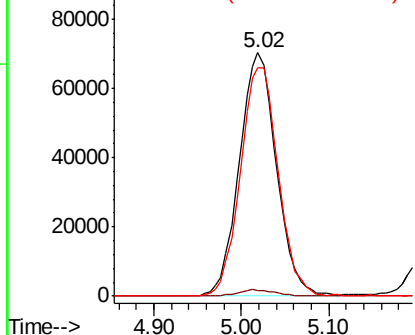


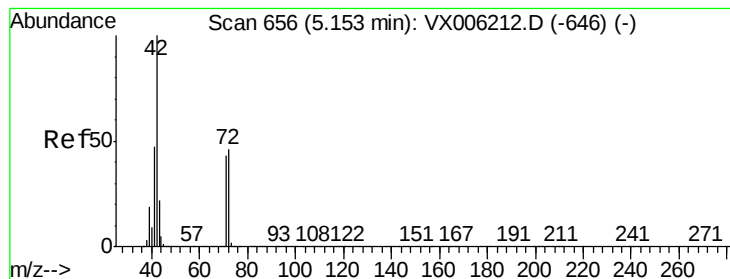
Abundance

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: 248.262 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

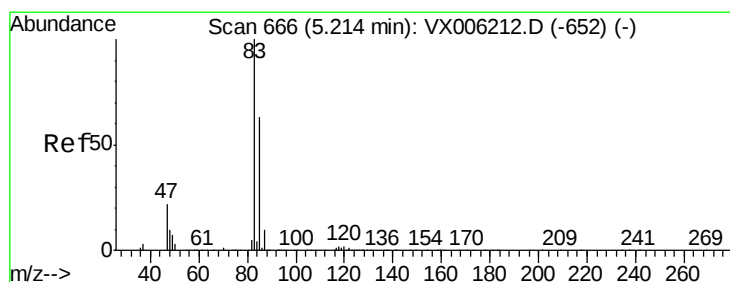
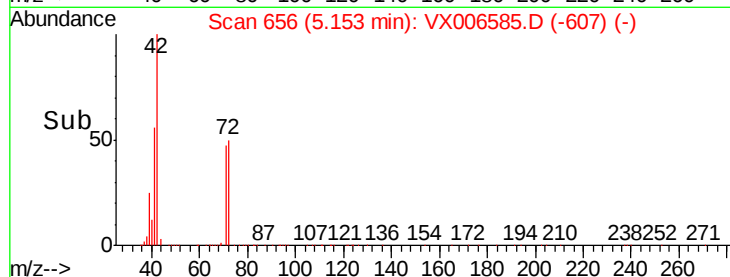
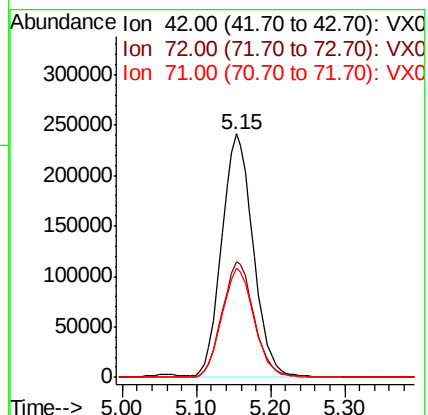
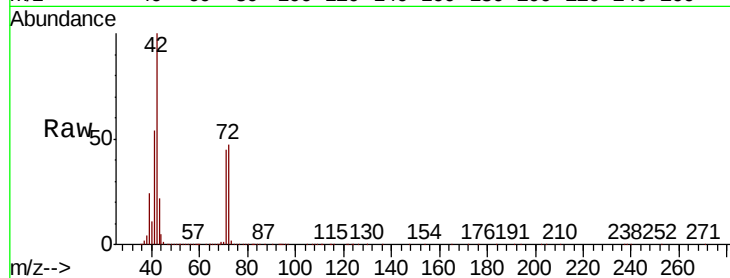
Tot Ion: 42 Resp: 707440

Ion Ratio Lower Upper

42 100

72 48.4 37.8 56.8

71 45.7 35.2 52.8



#30

Chloroform

Concen: 52.680 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006585.D

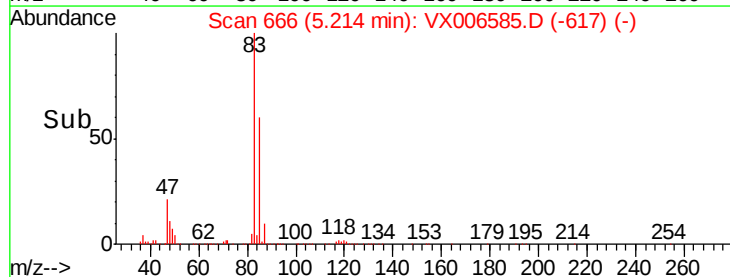
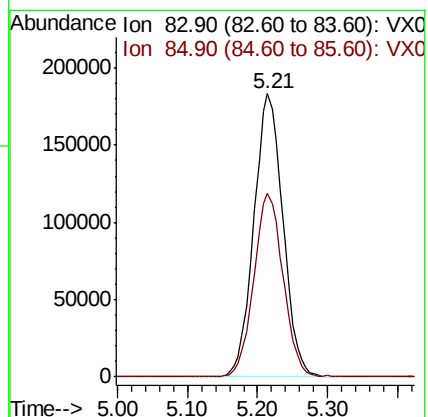
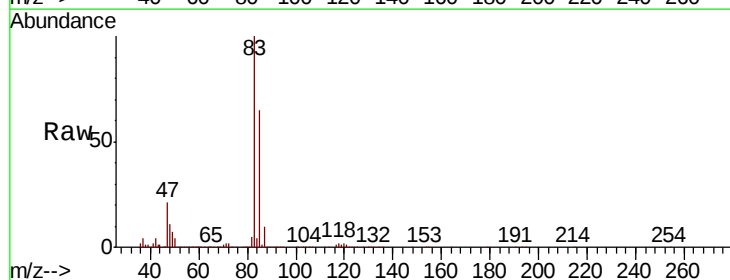
Acq: 17 Dec 2018 20:46

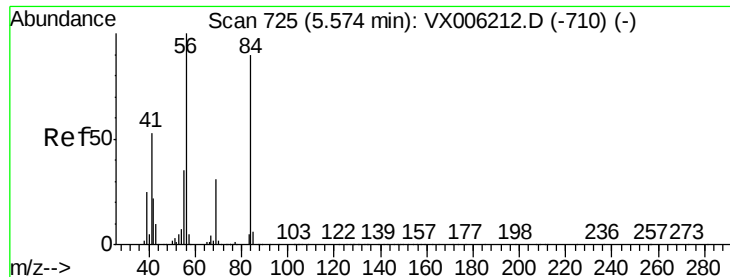
Tgt Ion: 83 Resp: 529895

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

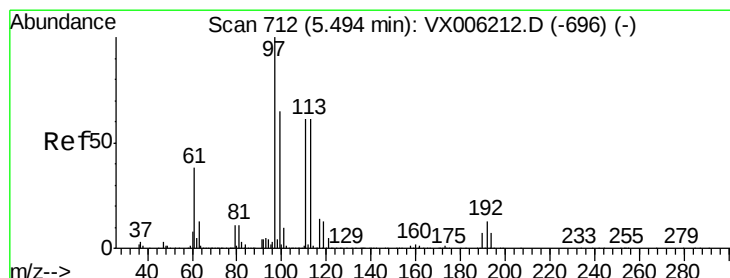
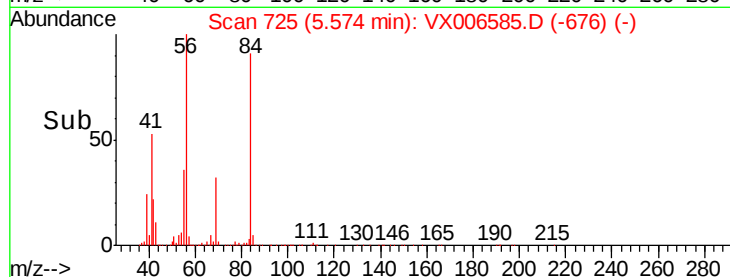
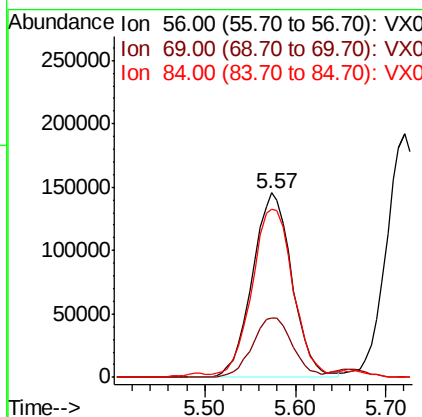
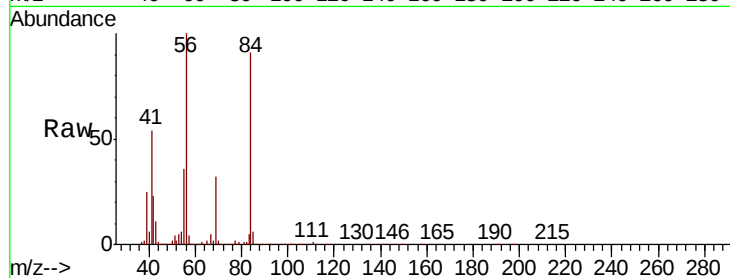




#31
Cvclohexane
Concen: 49.813 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

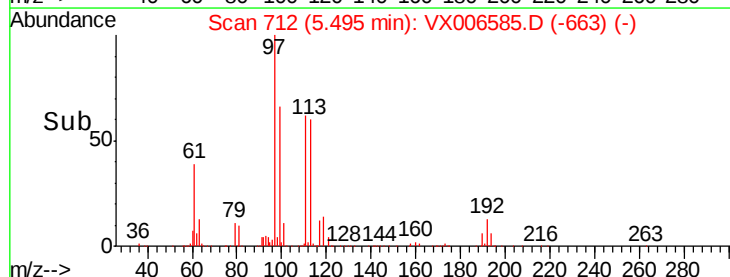
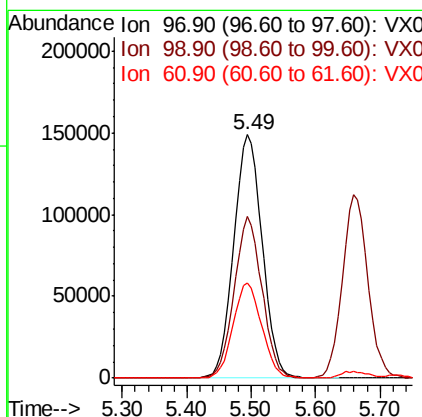
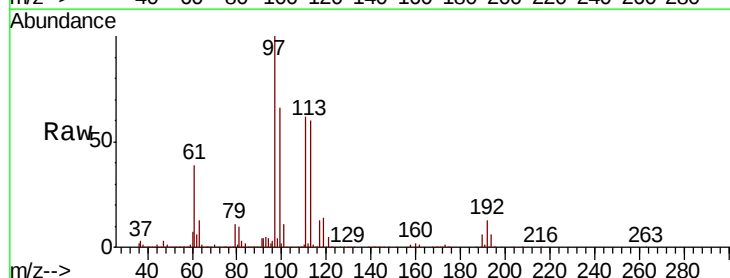
Instrument :
MSVOA_X
ClientSampleId :

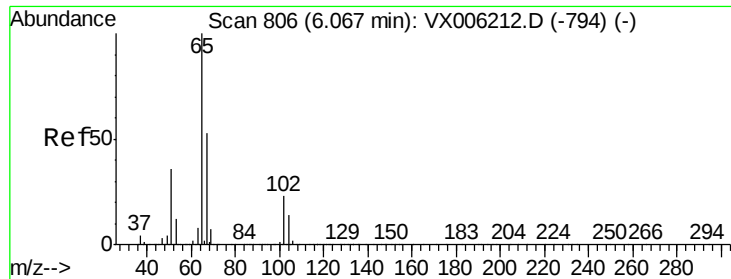
Tot Ion: 56 Resp: 440637
Ion Ratio Lower Upper
56 100
69 32.4 24.5 36.7
84 89.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.672 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 97 Resp: 456244
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 39.4 30.6 46.0

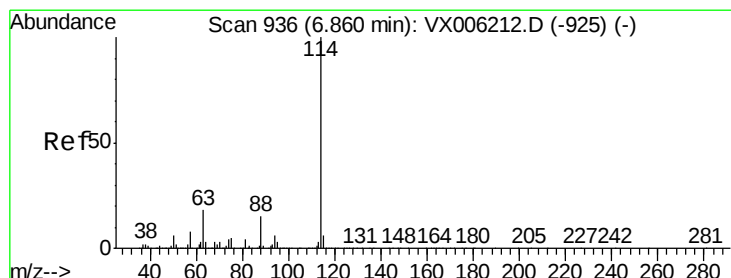
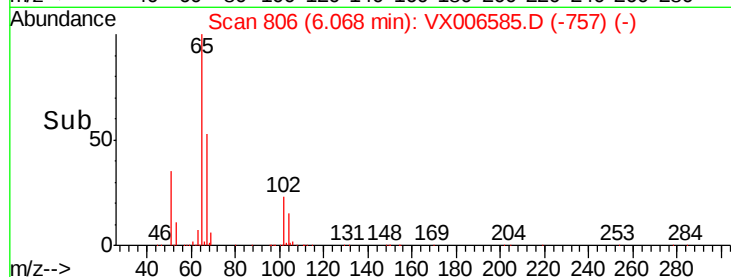
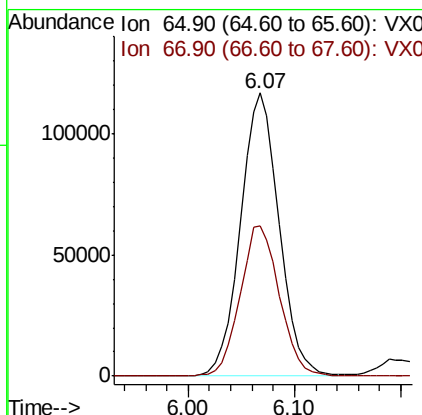
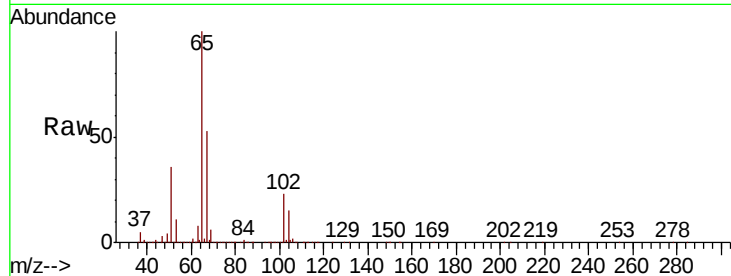




#33
 1,2-Dichloroethane-d4
 Concen: 48.292 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

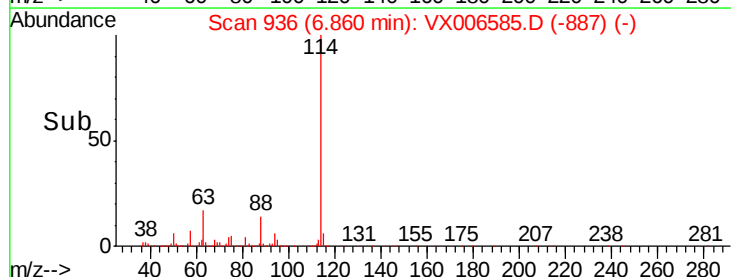
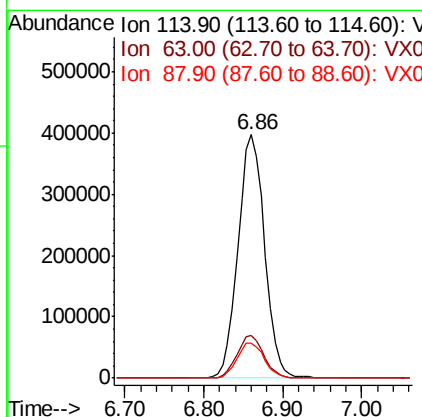
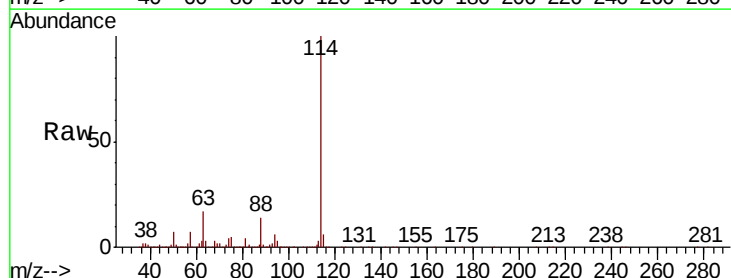
Instrument :
 MSVOA_X
 ClientSampled :

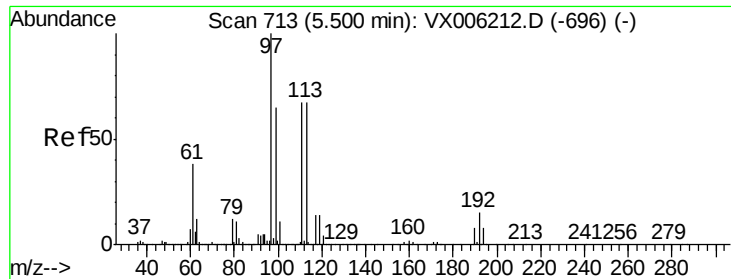
Tot Ion: 65 Resp: 295698
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion: 114 Resp: 930238
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.392 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :

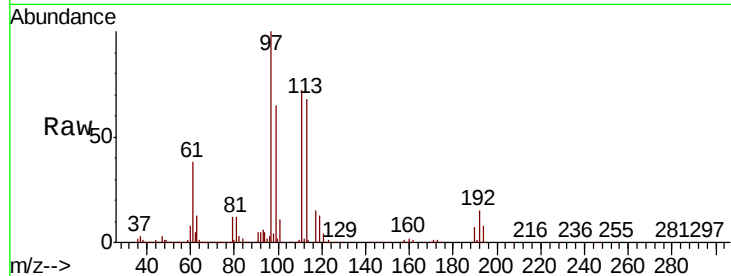
Tot Ion:113 Resp: 279418

Ion Ratio Lower Upper

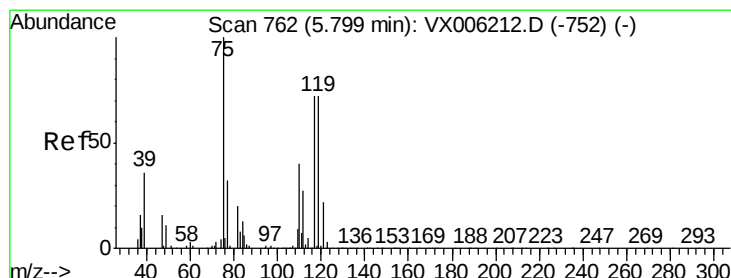
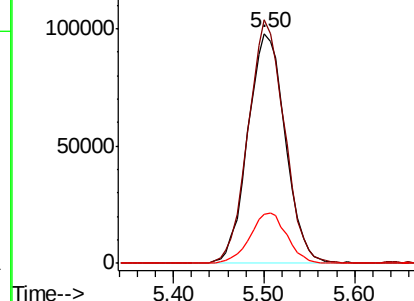
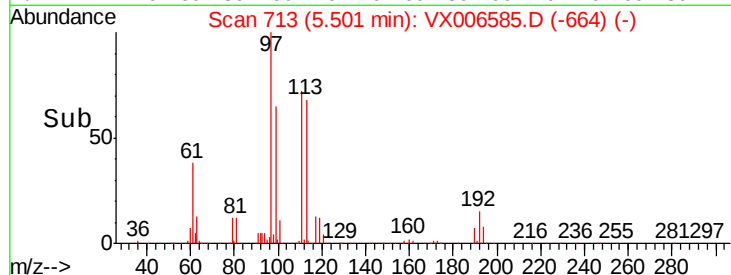
113 100

111 102.8 81.1 121.7

192 21.7 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: 48.964 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

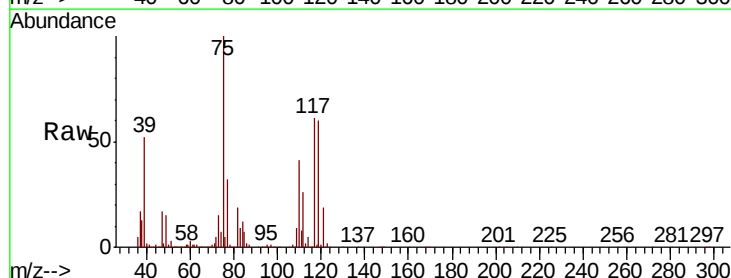
Tgt Ion: 75 Resp: 383561

Ion Ratio Lower Upper

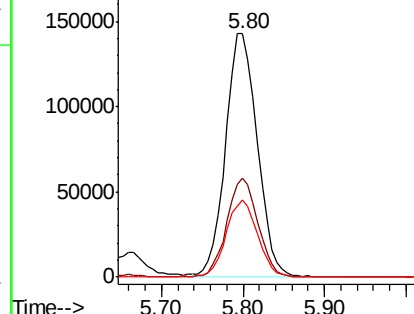
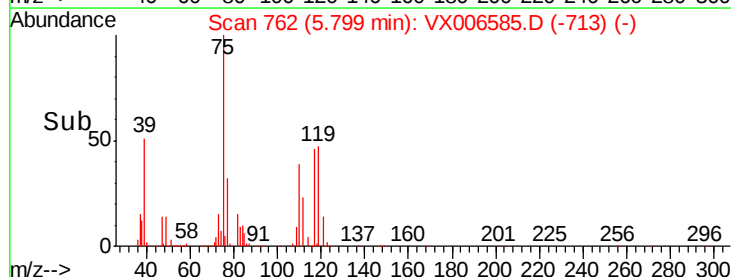
75 100

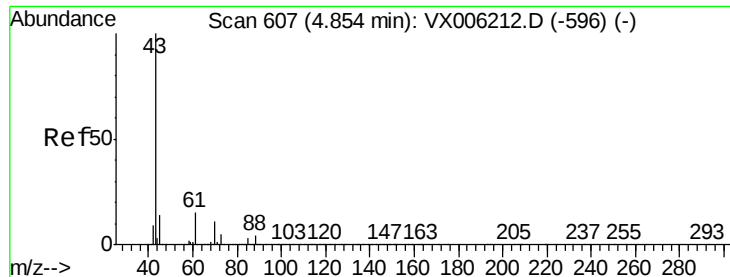
110 39.8 20.4 61.3

77 31.1 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

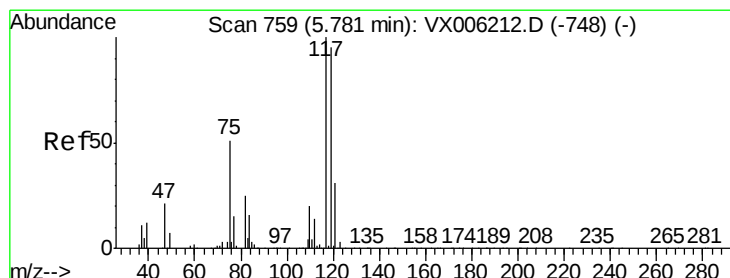
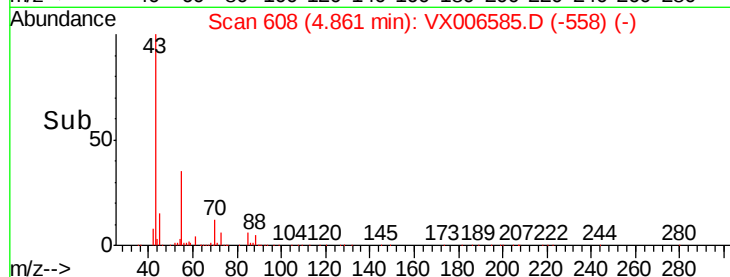
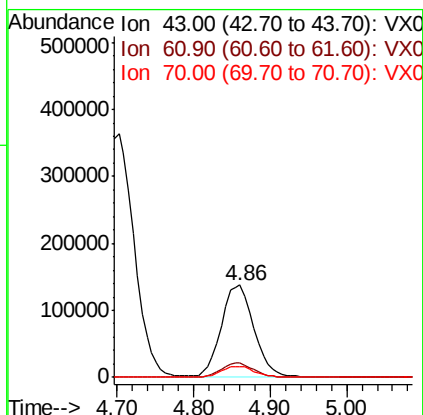
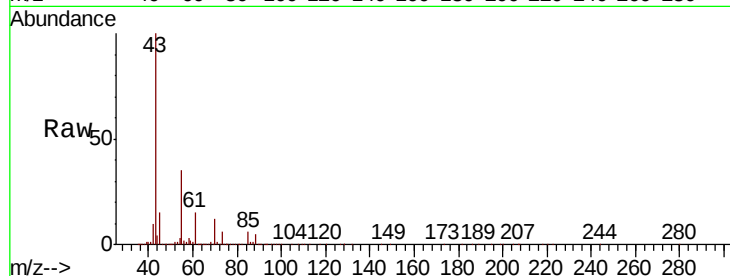




#37
Ethyl Acetate
Concen: 46.249 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

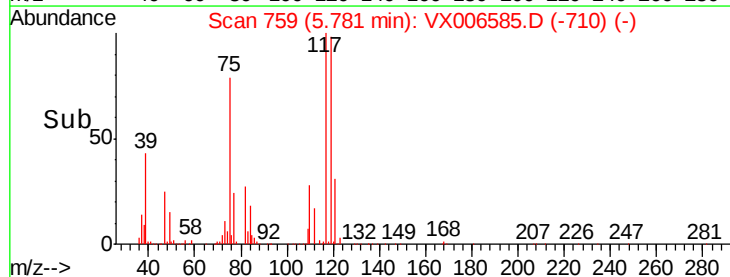
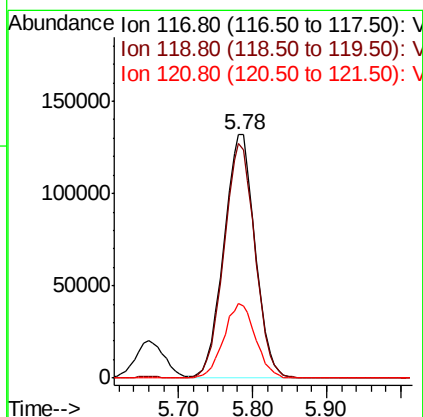
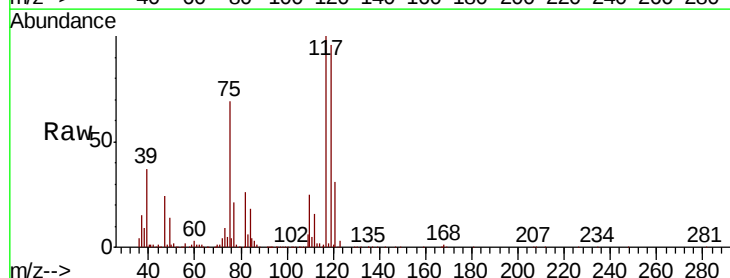
Instrument :
MSVOA_X
ClientSampleId :

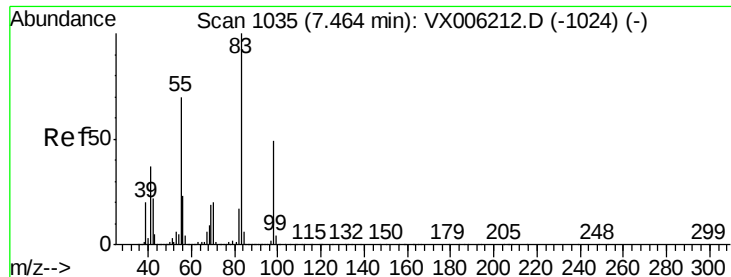
Tot Ion: 43 Resp: 405722
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 41.878 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 117 Resp: 385930
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
121 30.4 24.6 37.0

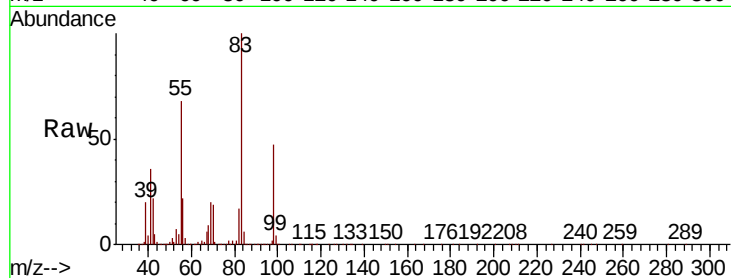




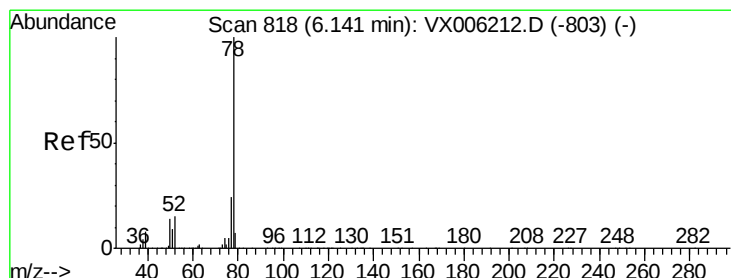
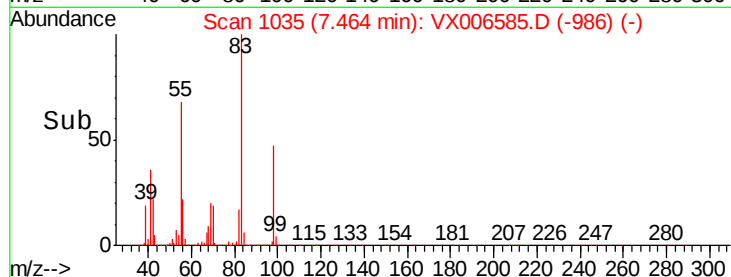
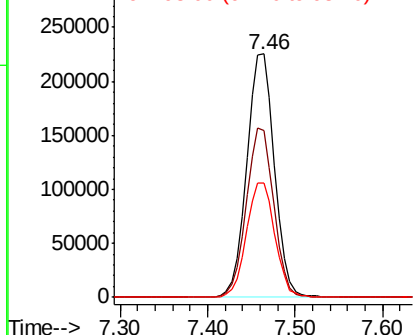
#39
Methvlcvclohexane
Concen: 48.392 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.4	84.6
98	47.2	39.0	58.6

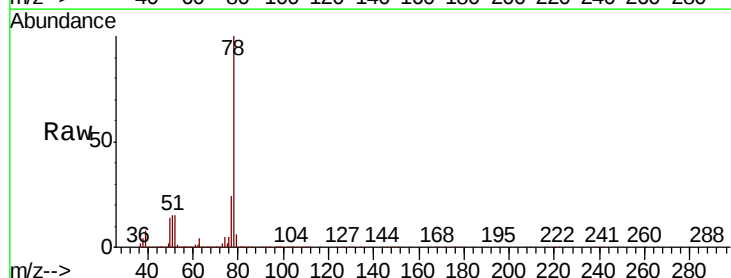


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

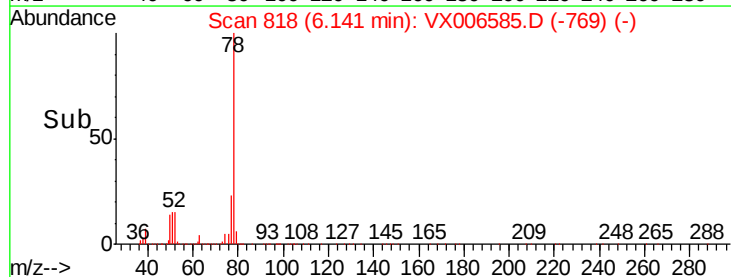
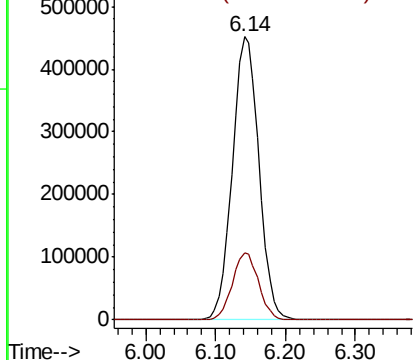


#40
Benzene
Concen: 50.669 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8



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





#41

Methacrylonitrile

Concen: 46.474 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 224338

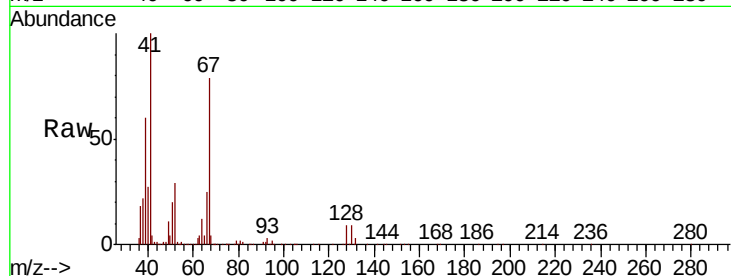
Ion Ratio Lower Upper

41 100

39 55.8 44.0 66.0

67 79.1 61.4 92.0

52 29.1 23.5 35.3

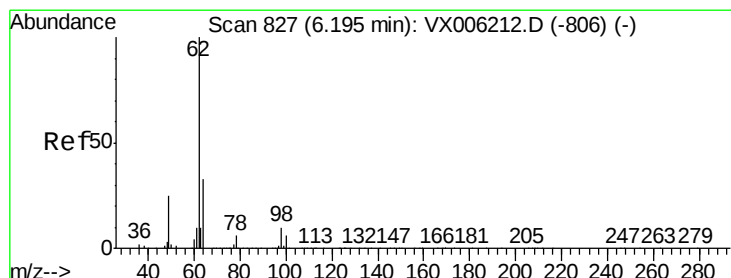
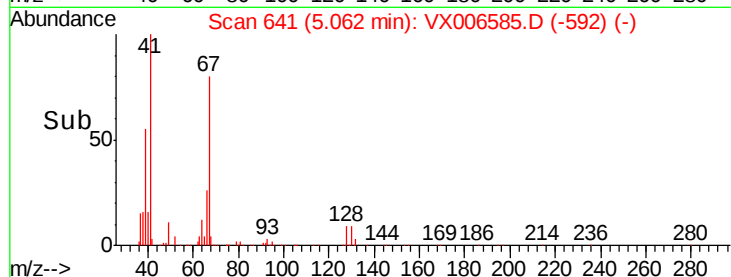
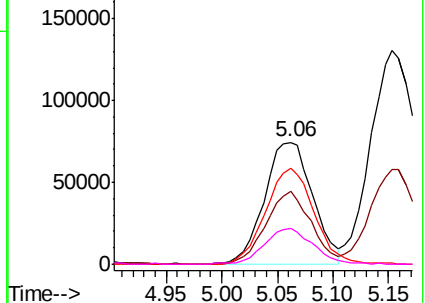


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.819 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006585.D

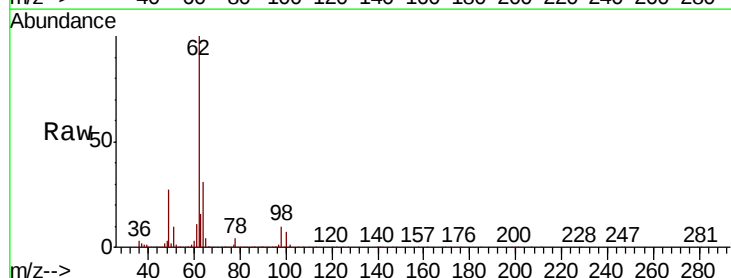
Acq: 17 Dec 2018 20:46

Tgt Ion: 62 Resp: 397908

Ion Ratio Lower Upper

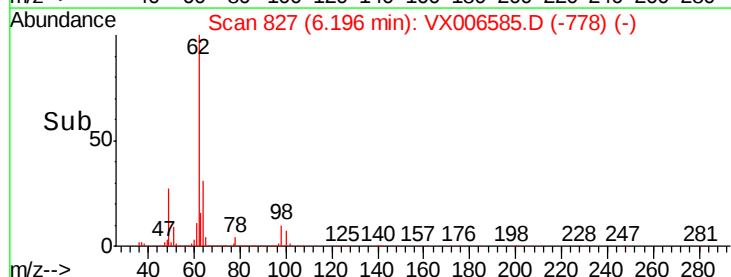
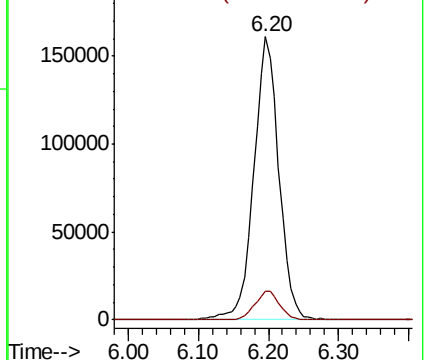
62 100

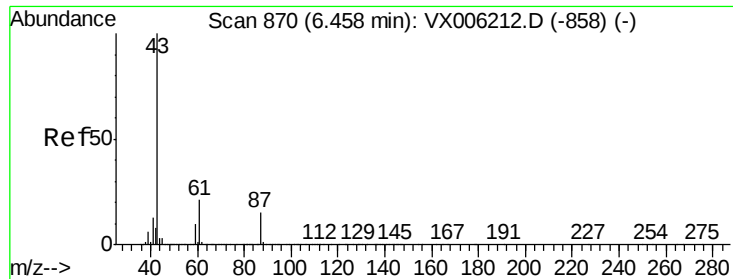
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



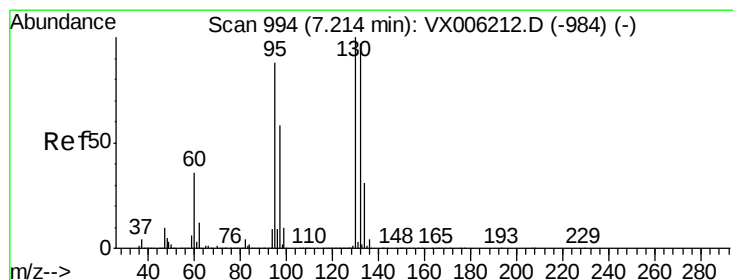
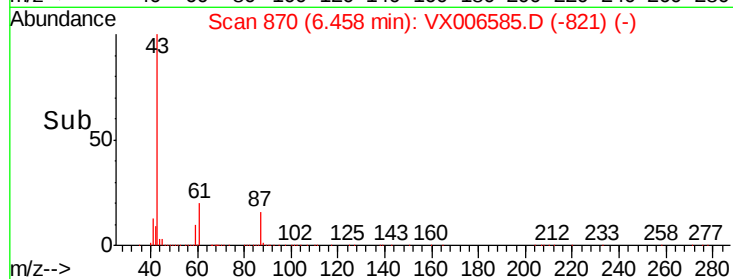
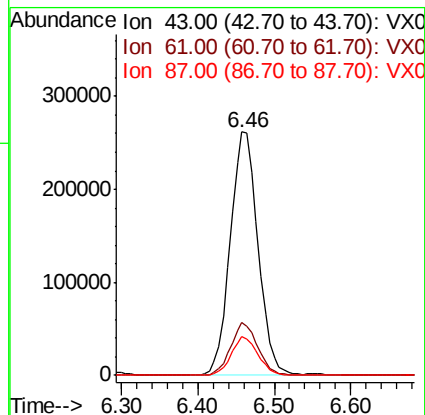
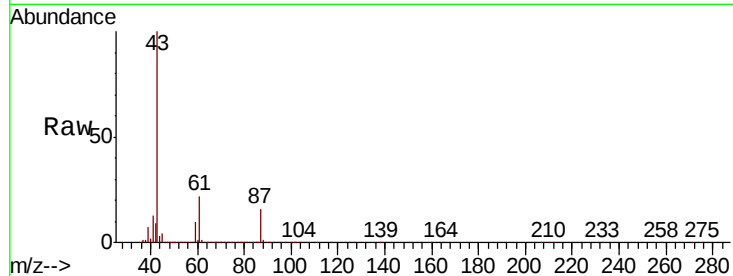


#43

Isopropyl Acetate
 Concen: 44.658 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :

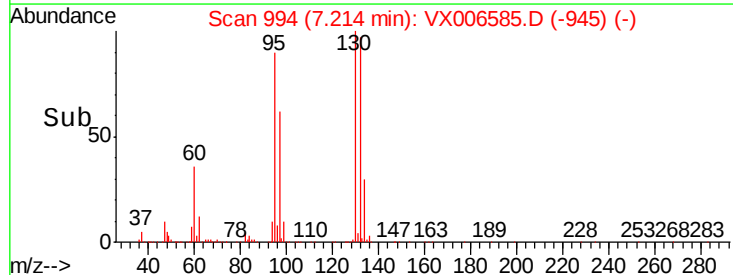
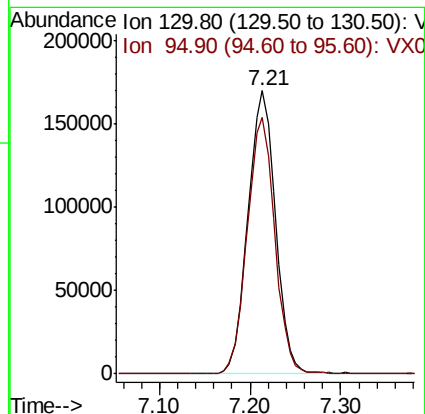
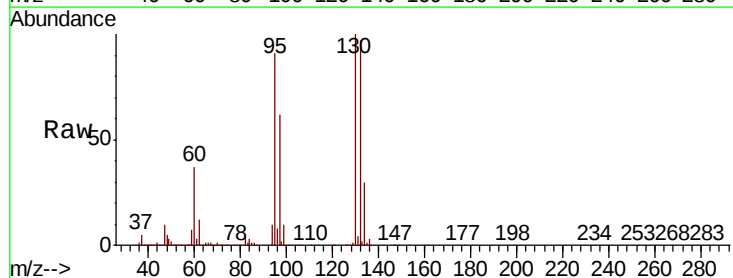
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.4	11.9	17.9



#44

Trichloroethene
 Concen: 50.383 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8

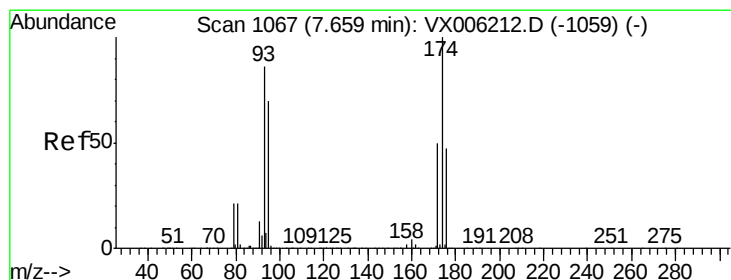
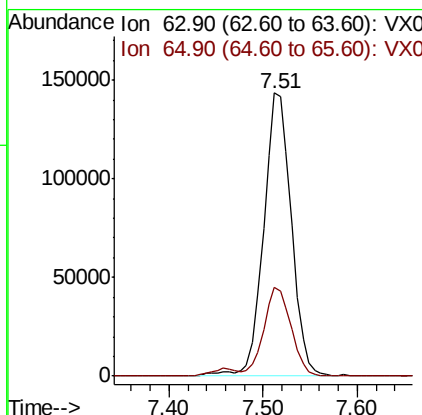
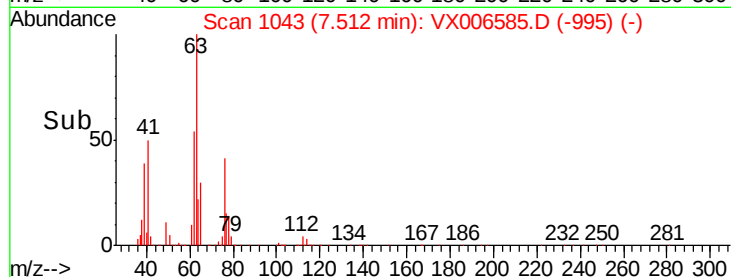
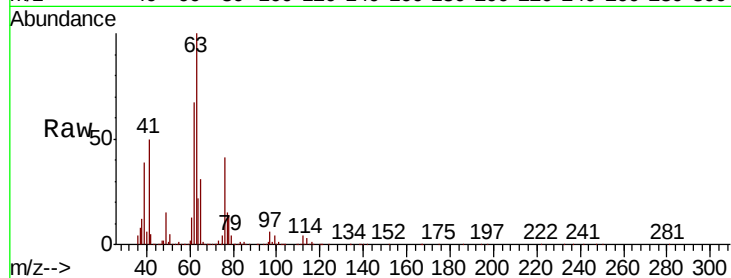




#45
 1,2-Dichloropropane
 Concen: 49.408 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

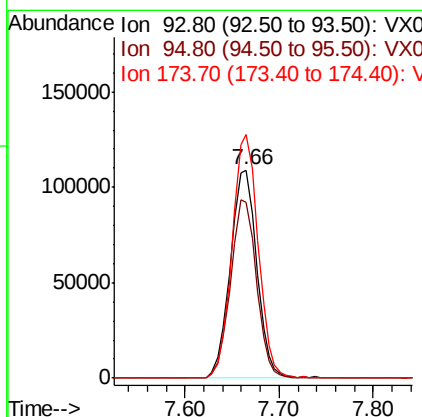
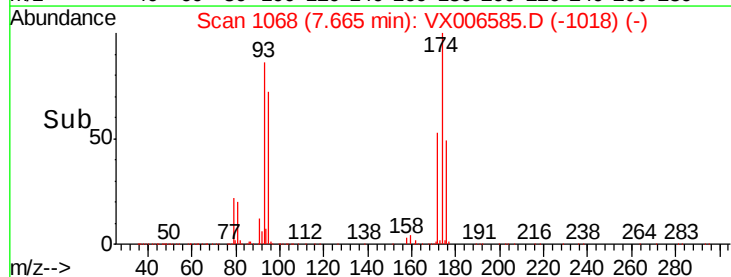
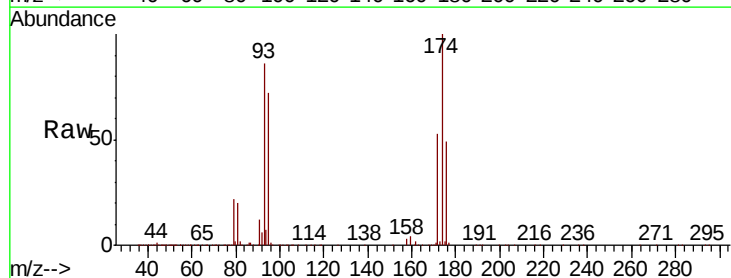
Instrument :
 MSVOA_X
 ClientSampleId :

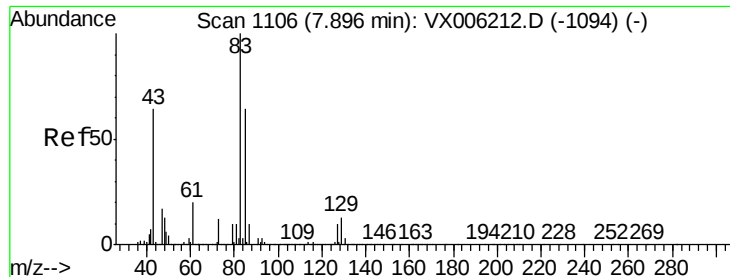
Tot Ion: 63 Resp: 294618
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 49.542 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion: 93 Resp: 213356
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.2 99.4
 174 115.2 97.2 145.8





#47

Bromodichloromethane

Concen: 44.616 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampled :

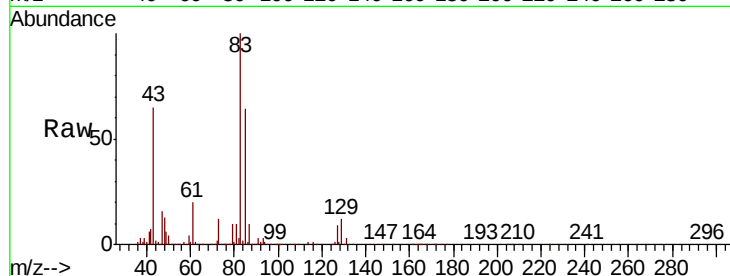
Tot Ion: 83 Resp: 372087

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

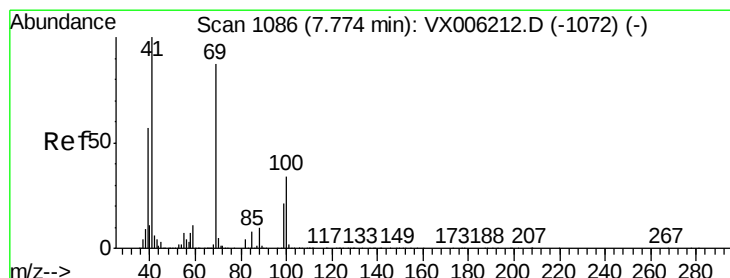
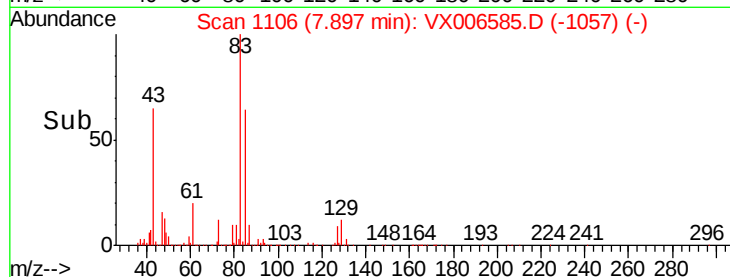
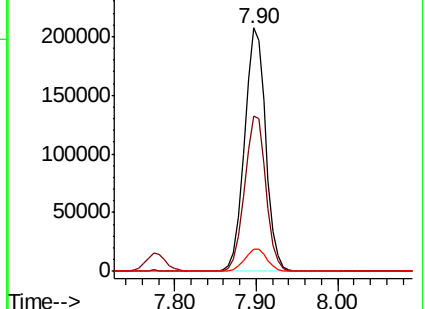
127 9.3 7.9 11.9



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: 46.647 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

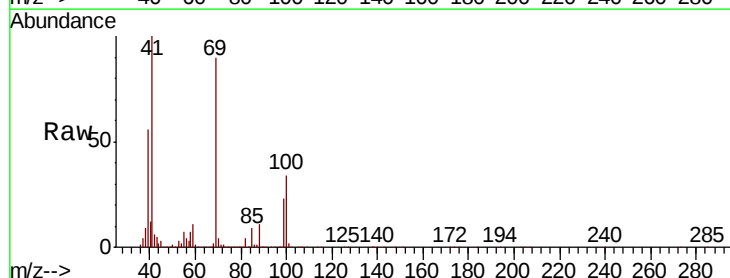
Tgt Ion: 41 Resp: 331917

Ion Ratio Lower Upper

41 100

69 90.4 70.3 105.5

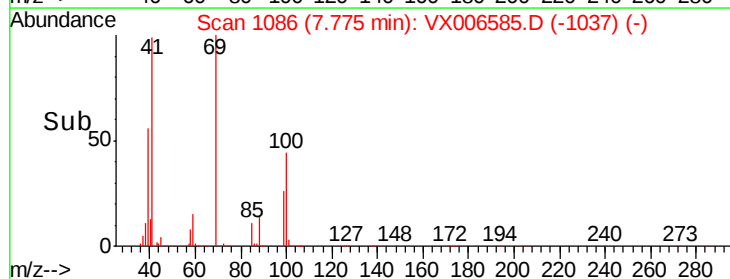
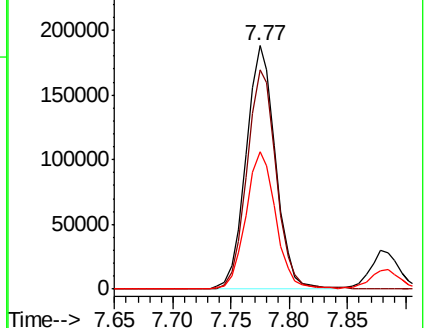
39 56.5 45.3 67.9

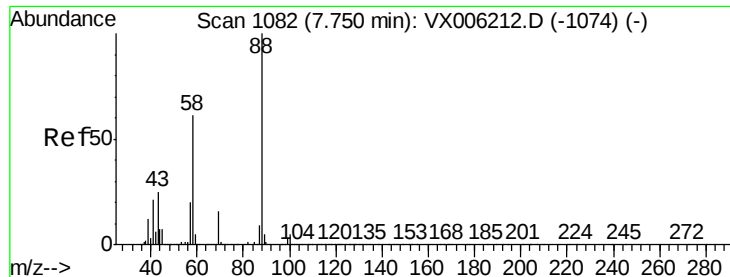


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 917.960 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :

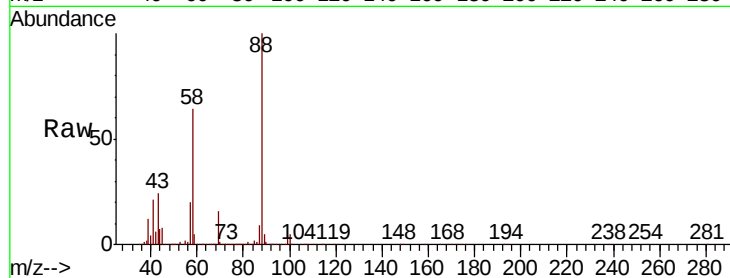
Tot Ion: 88 Resp: 160986

Ion Ratio Lower Upper

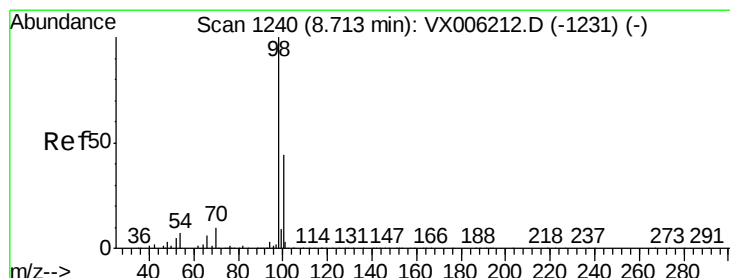
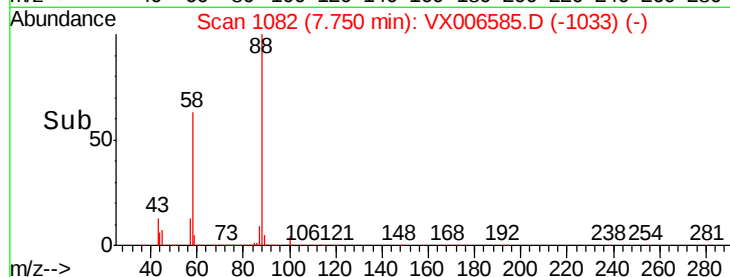
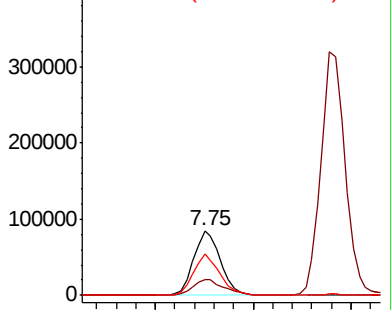
88 100

43 29.2 23.2 34.8

58 62.2 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.804 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006585.D

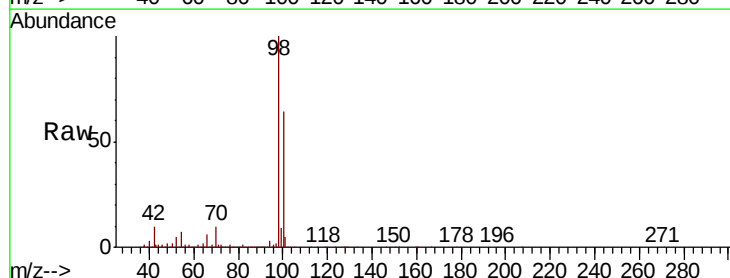
Acq: 17 Dec 2018 20:46

Tgt Ion: 98 Resp: 1003465

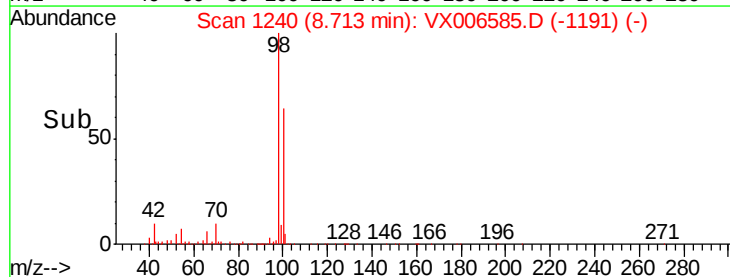
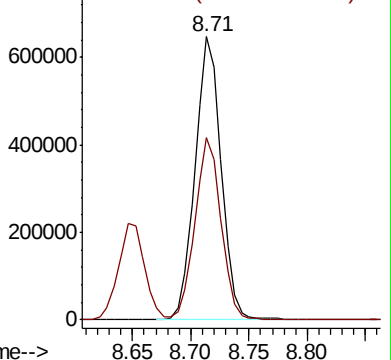
Ion Ratio Lower Upper

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





#51

4-Methyl-2-Pentanone

Concen: 240.375 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

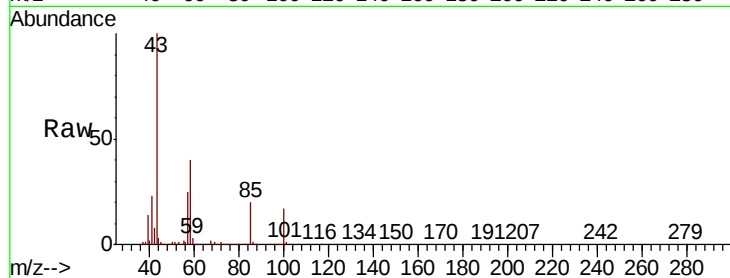
ClientSampleId :

Tot Ion: 43 Resp: 2046715

Ion Ratio Lower Upper

43 100

58 39.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

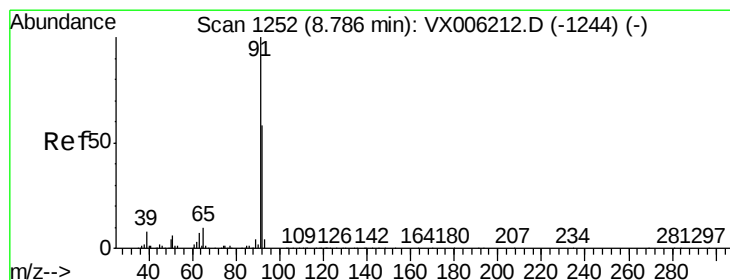
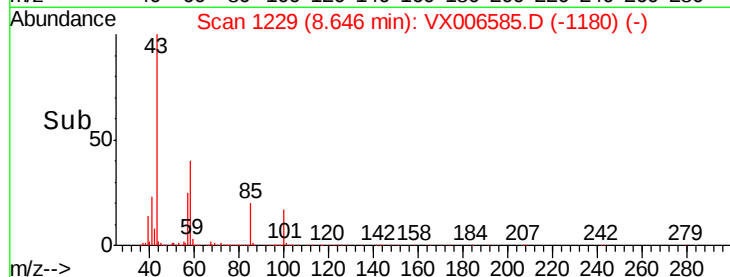
8.65

1000000

500000

0

Time-->



#52

Toluene

Concen: 50.440 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006585.D

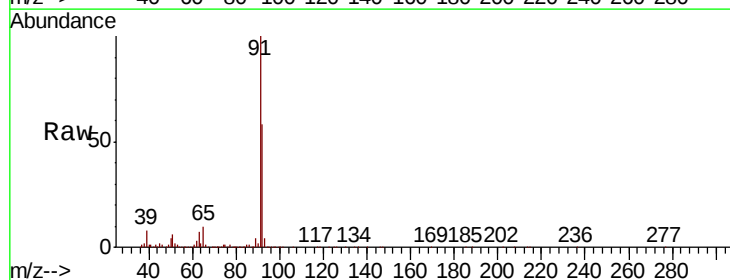
Acq: 17 Dec 2018 20:46

Tgt Ion: 92 Resp: 778580

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

8.79

800000

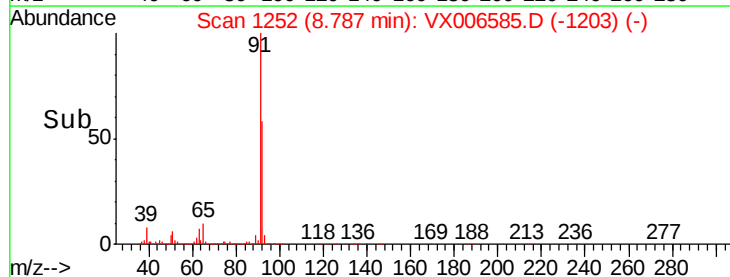
600000

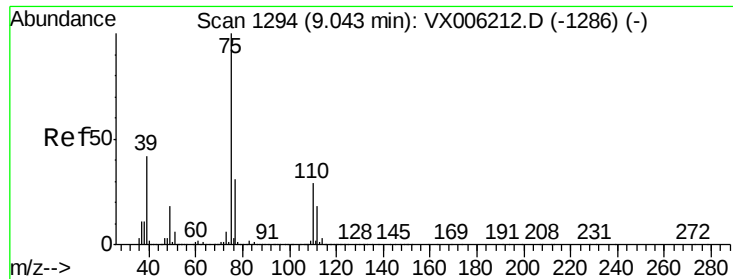
400000

200000

0

Time-->

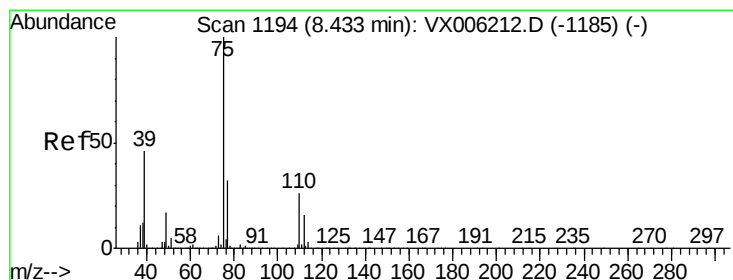
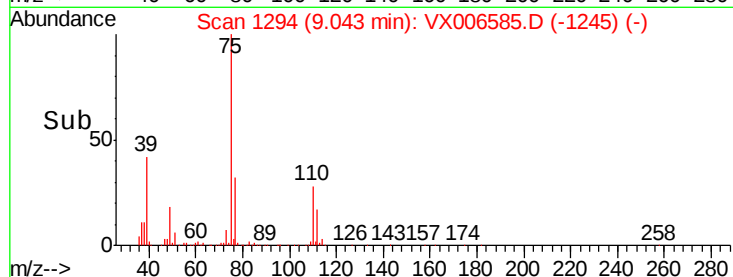
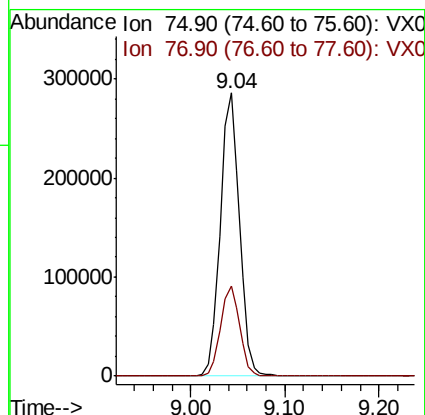
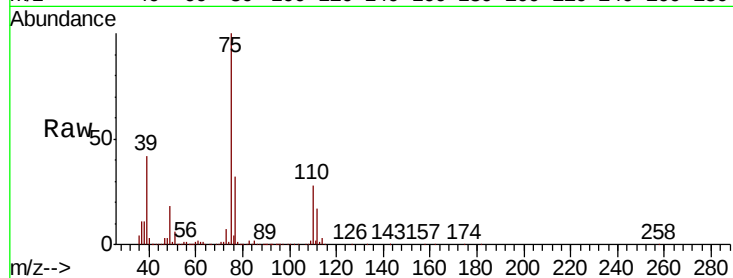




#53
 t-1,3-Dichloropropene
 Concen: 41.268 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

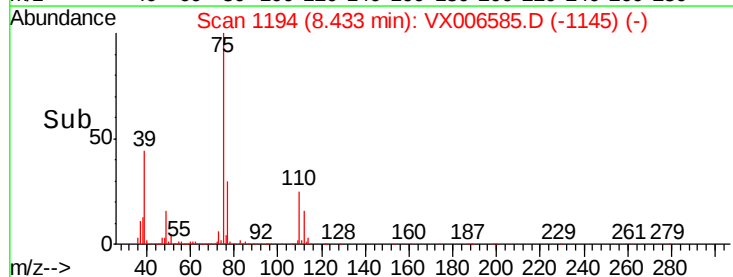
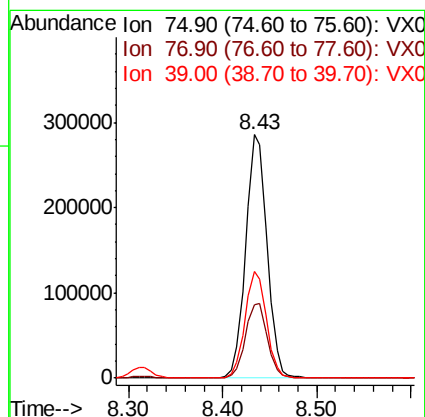
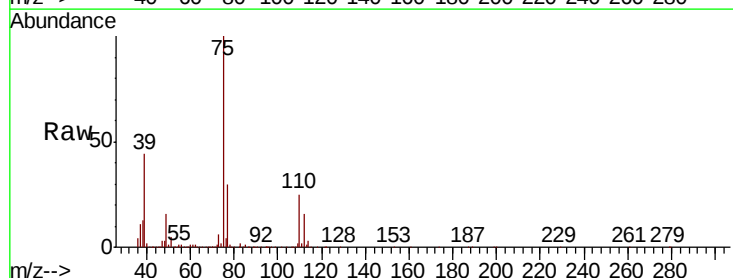
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 402508
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 44.271 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 448368
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.6 38.4
 39 43.7 36.5 54.7

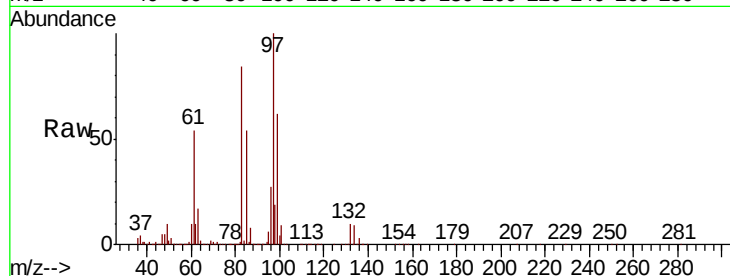




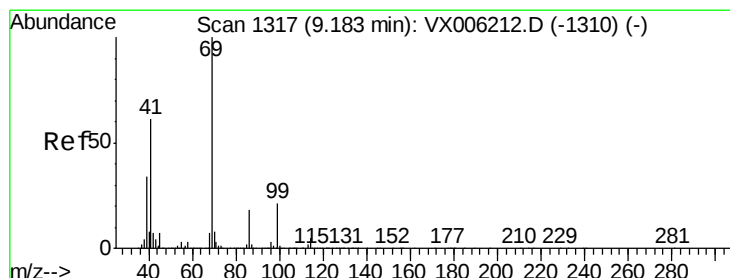
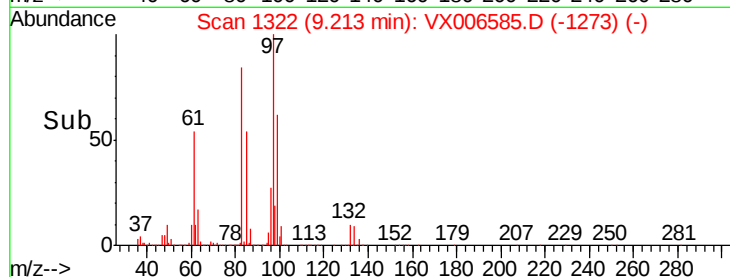
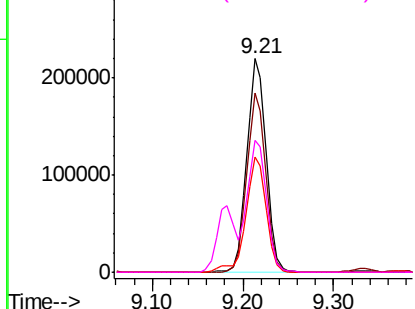
#55
 1,1,2-Trichloroethane
 Concen: 51.585 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	323485
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.1	100.7
85	54.0	43.2	64.8
99	61.9	49.8	74.6

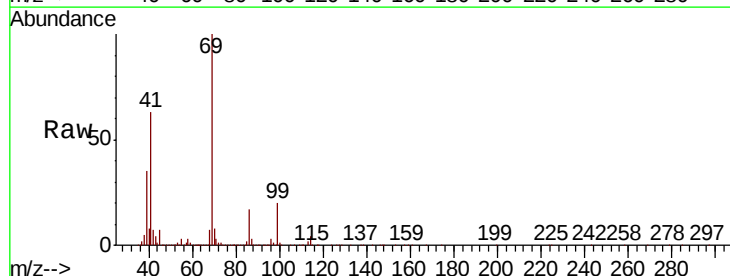


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

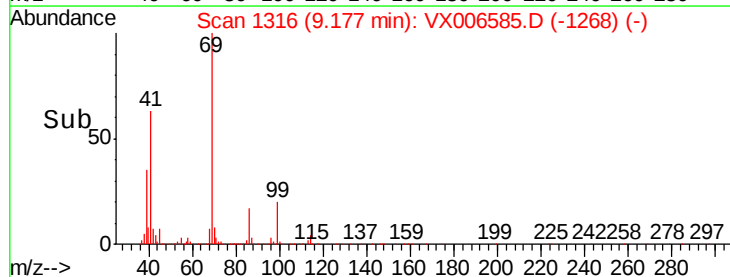
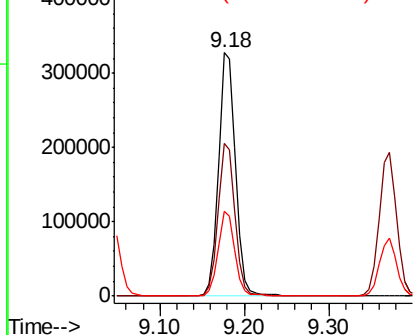


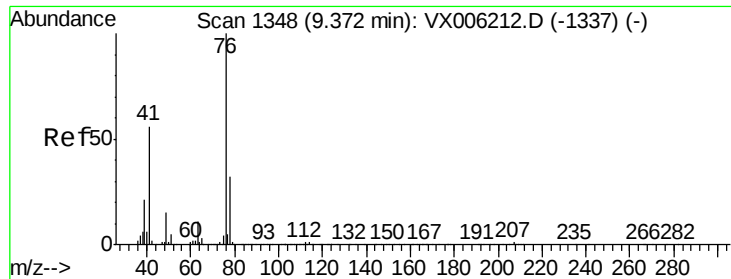
#56
 Ethyl methacrylate
 Concen: 46.652 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion:	69	Resp:	457350
Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.6	76.0
39	34.0	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 51.784 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

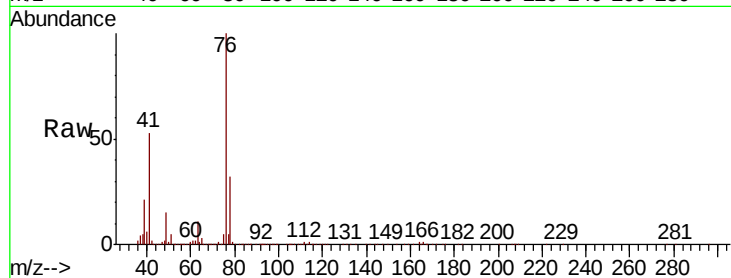
ClientSampleId :

Tot Ion: 76 Resp: 513495

Ion Ratio Lower Upper

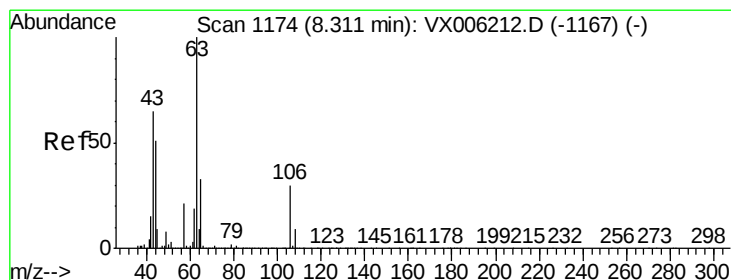
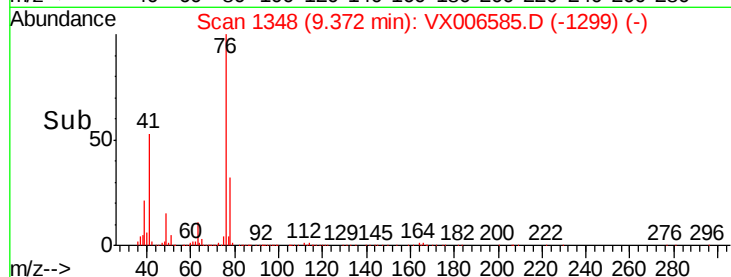
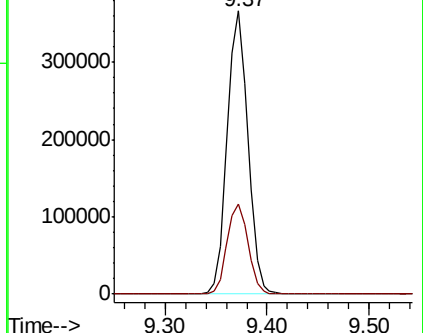
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 220.344 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006585.D

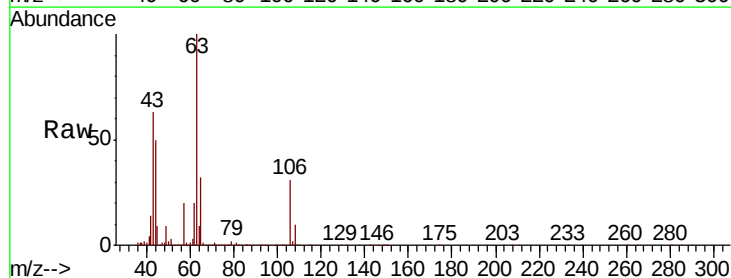
Acq: 17 Dec 2018 20:46

Tgt Ion: 63 Resp: 1096153

Ion Ratio Lower Upper

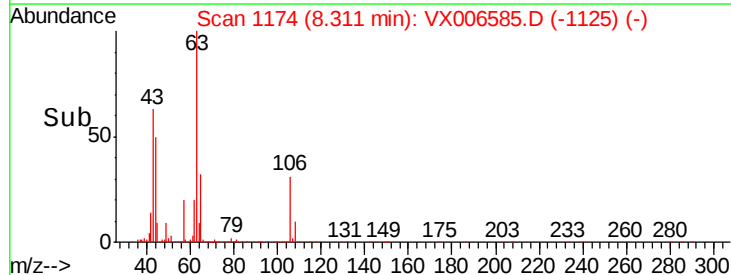
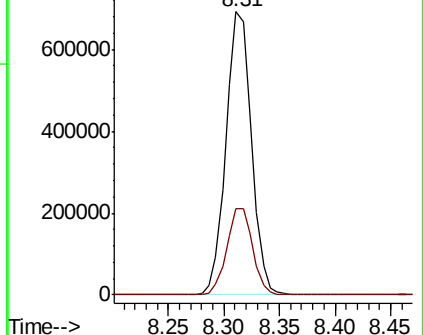
63 100

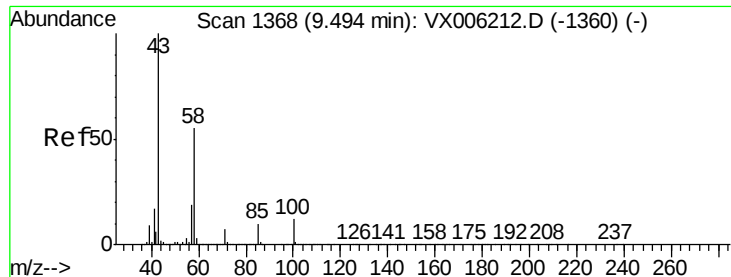
106 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 233.764 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

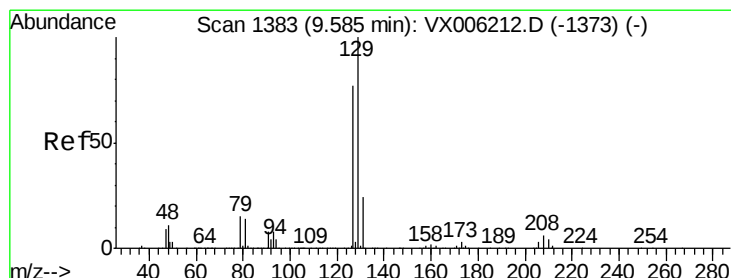
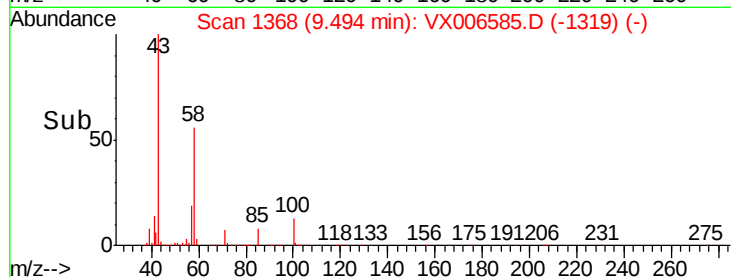
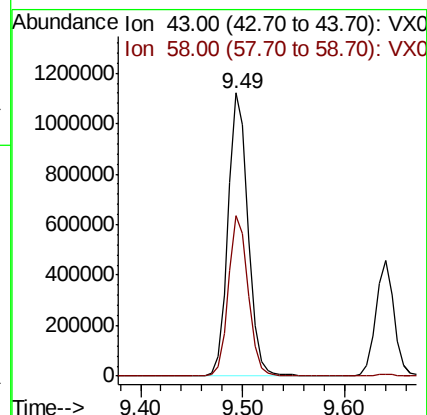
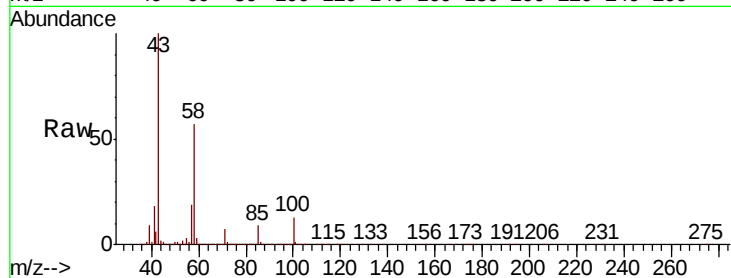
ClientSampleId :

Tot Ion: 43 Resp: 1520686

Ion Ratio Lower Upper

43 100

58 56.3 27.7 83.1



#60

Dibromochloromethane

Concen: 41.214 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006585.D

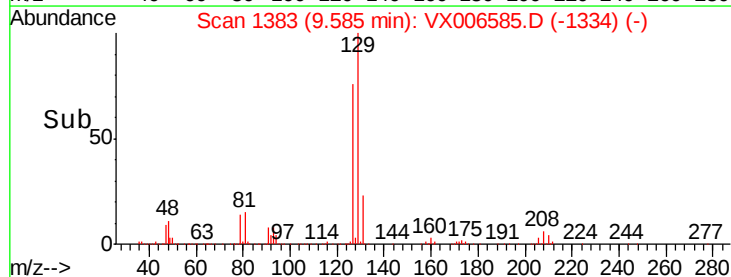
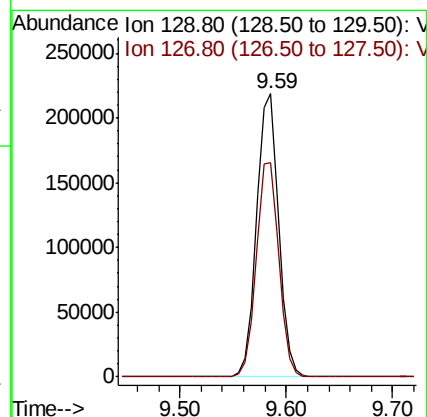
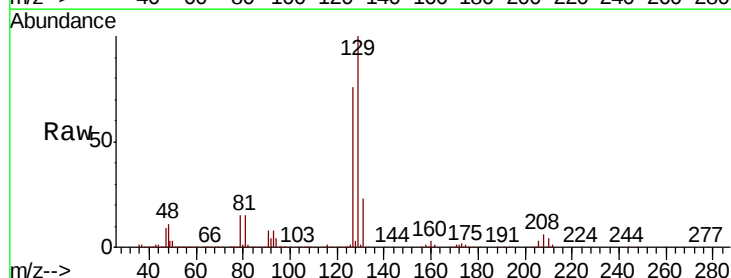
Acq: 17 Dec 2018 20:46

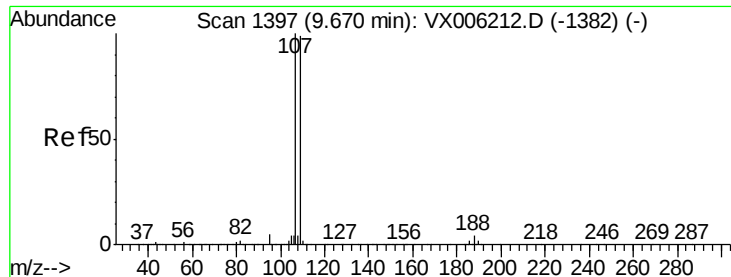
Tgt Ion: 129 Resp: 318686

Ion Ratio Lower Upper

129 100

127 77.4 38.6 115.8

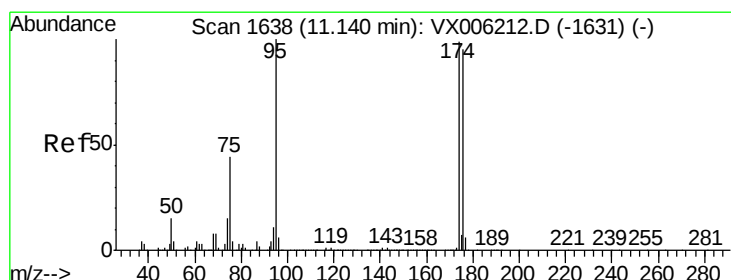
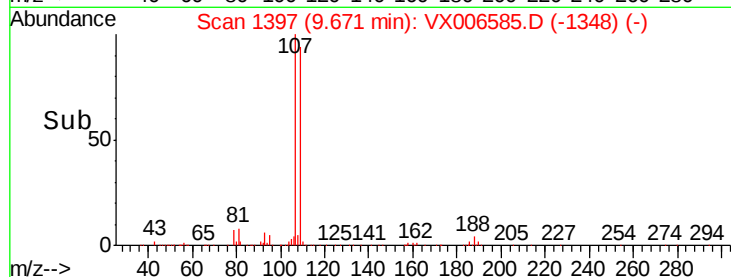
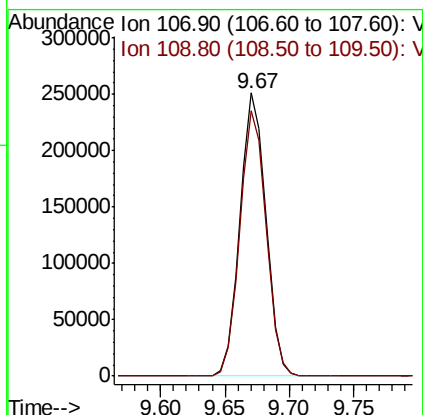
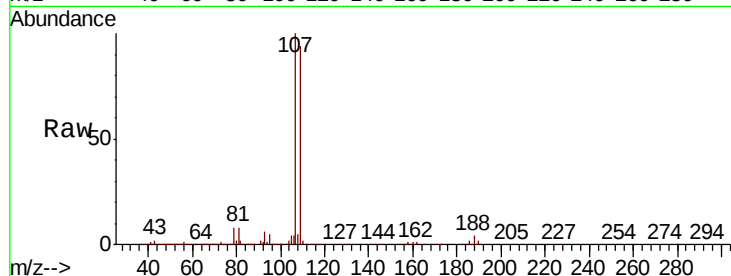




#61
 1,2-Dibromoethane
 Concen: 49.816 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

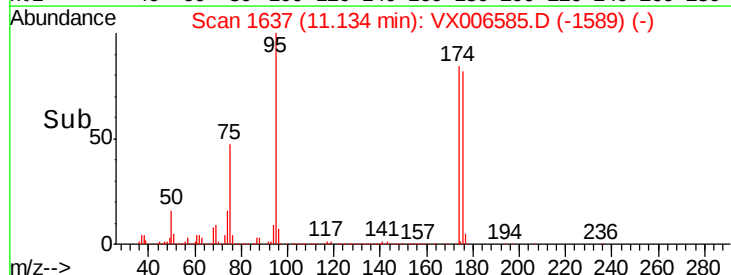
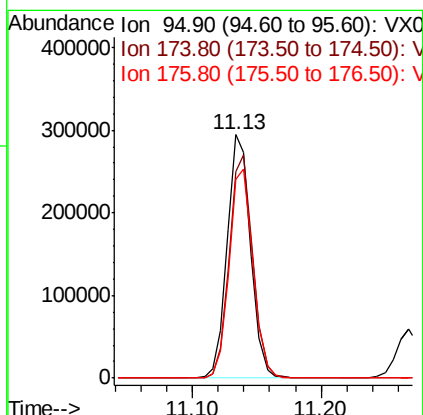
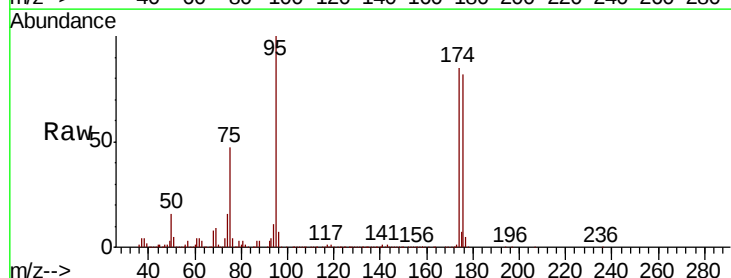
Instrument :
 MSVOA_X
 ClientSampled :

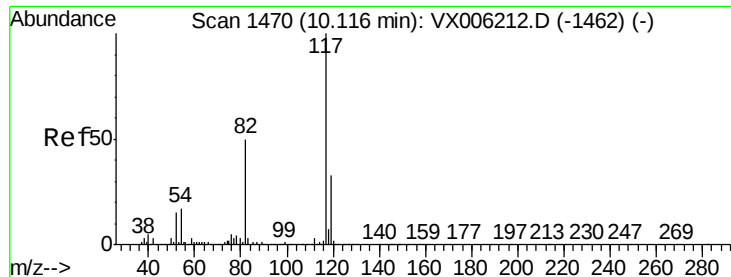
Tot Ion:107 Resp: 349299
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 45.677 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion: 95 Resp: 377085
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 187.0
 176 87.2 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

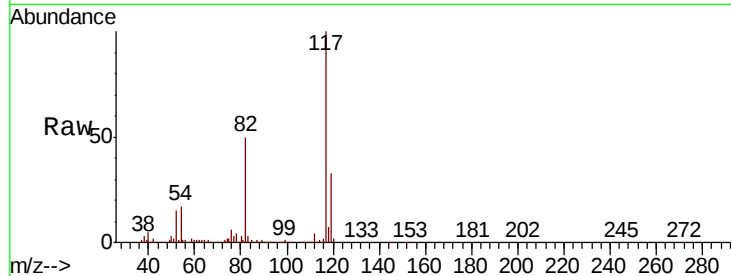
Tot Ion:117 Resp: 851853

Ion Ratio Lower Upper

117 100

82 49.5 39.6 59.4

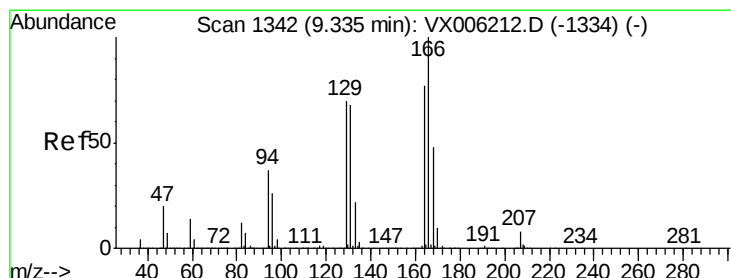
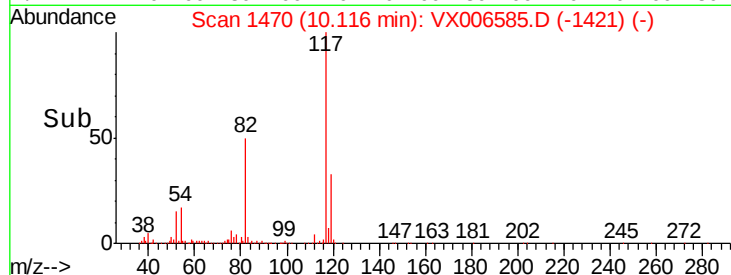
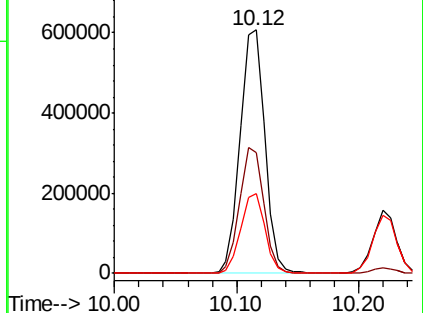
119 32.8 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.189 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:164 Resp: 334807

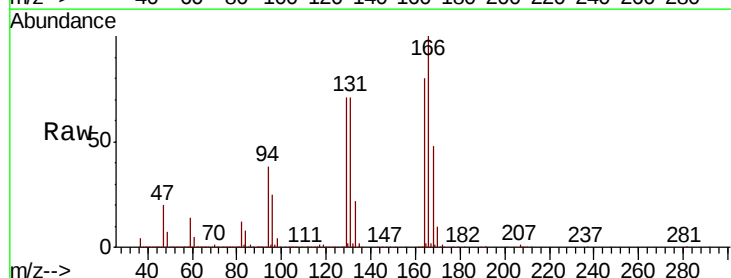
Ion Ratio Lower Upper

164 100

166 125.6 104.2 156.2

129 89.1 72.6 108.8

131 89.1 70.3 105.5

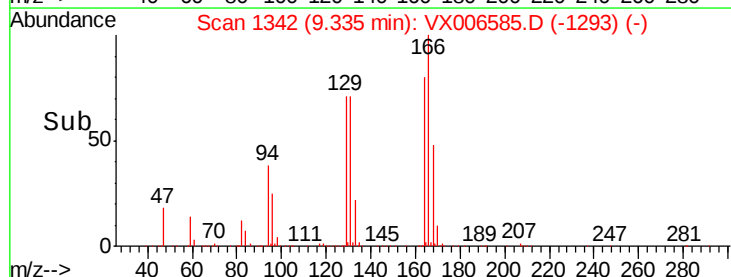
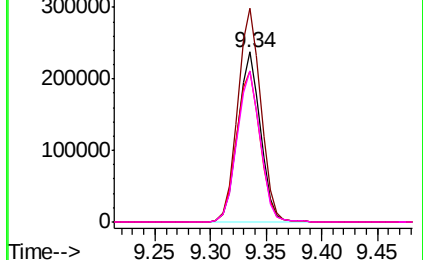


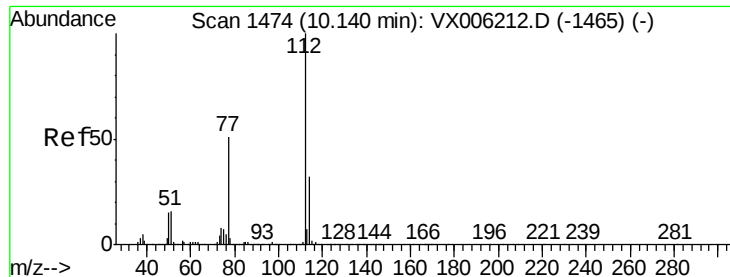
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.409 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

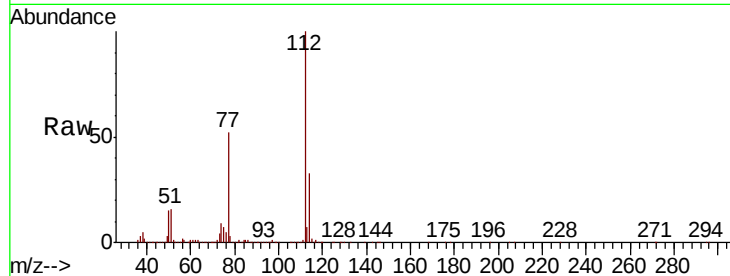
ClientSampleId :

Tot Ion:112 Resp: 911546

Ion Ratio Lower Upper

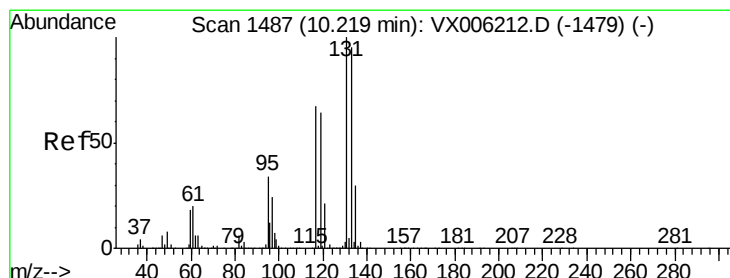
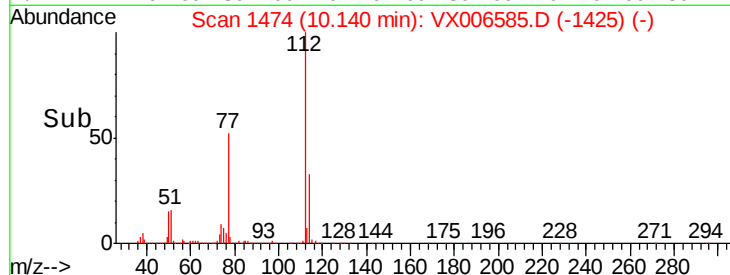
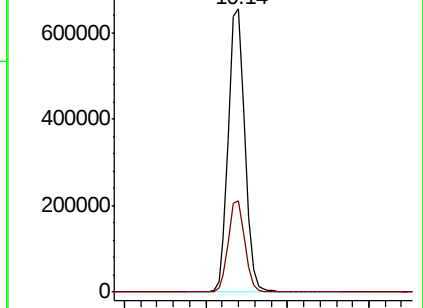
112 100

114 32.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 43.517 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

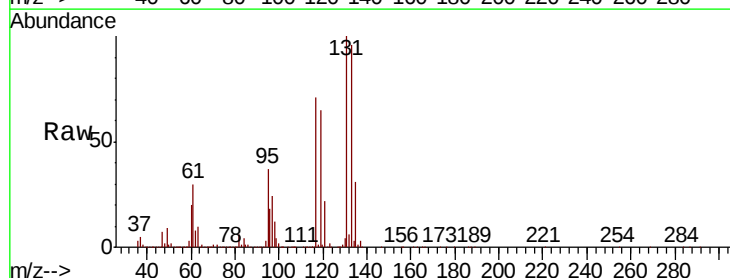
Tgt Ion:131 Resp: 305747

Ion Ratio Lower Upper

131 100

133 97.2 48.1 144.4

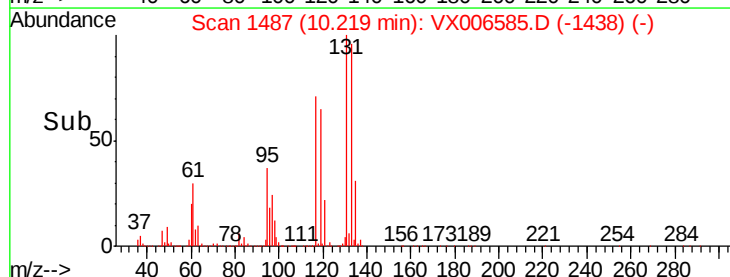
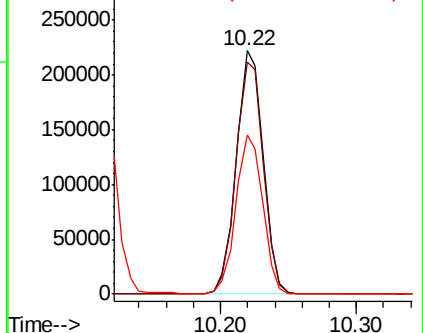
119 65.3 32.1 96.3

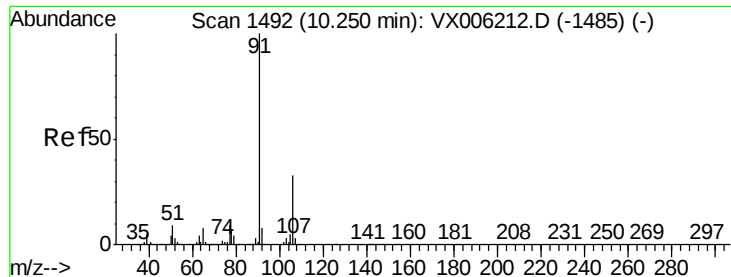


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

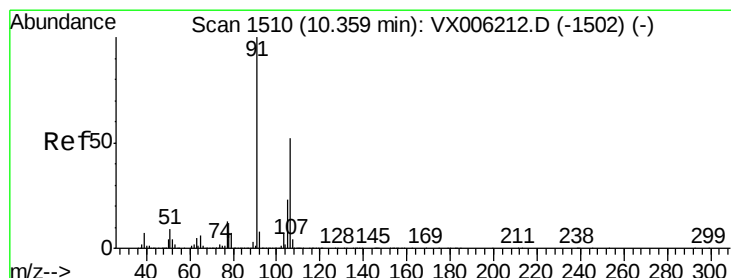
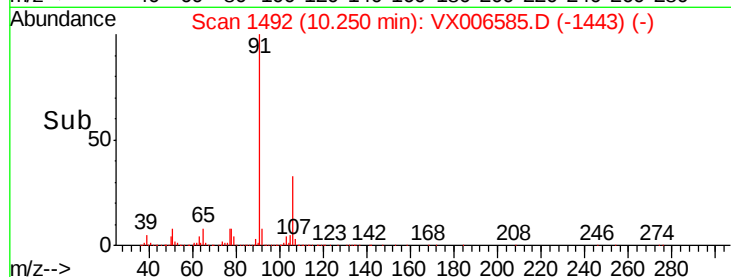
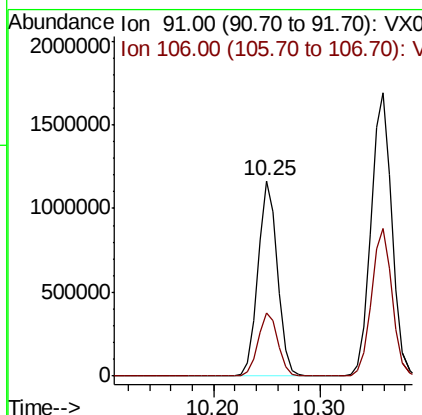
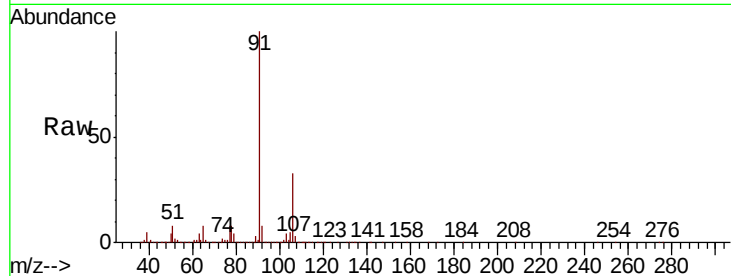




#67
Ethyl Benzene
Concen: 49.967 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

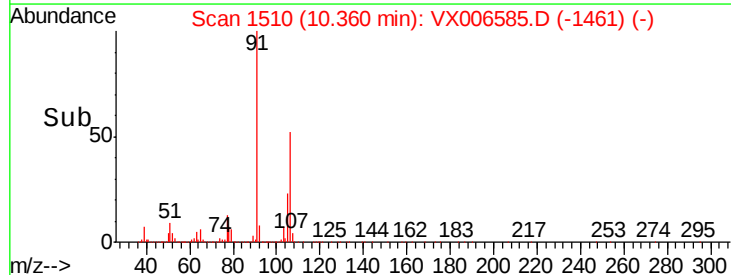
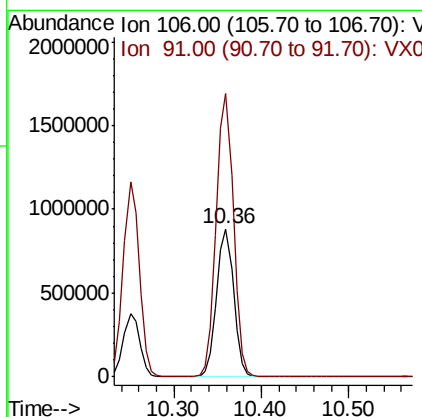
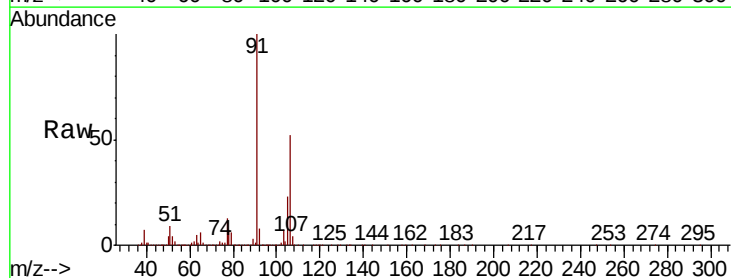
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 1502776
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7



#68
m/p-Xylenes
Concen: 98.996 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 106 Resp: 1192642
Ion Ratio Lower Upper
106 100
91 193.2 155.2 232.8

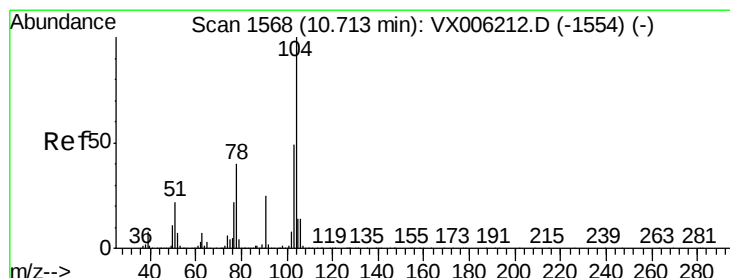
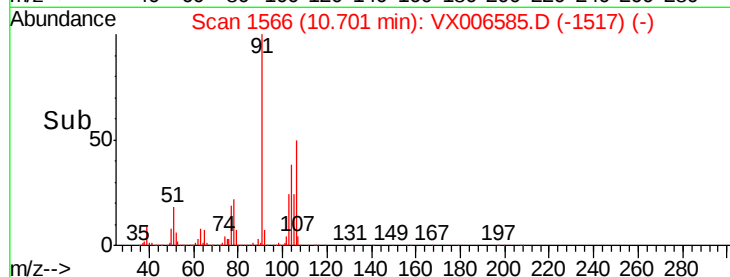
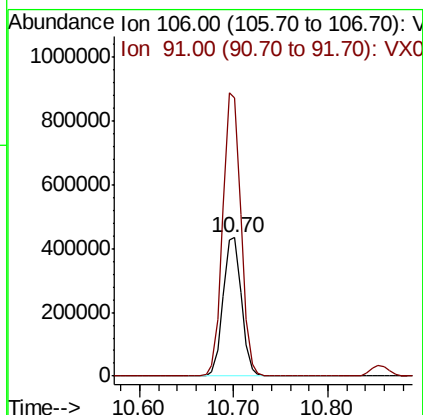
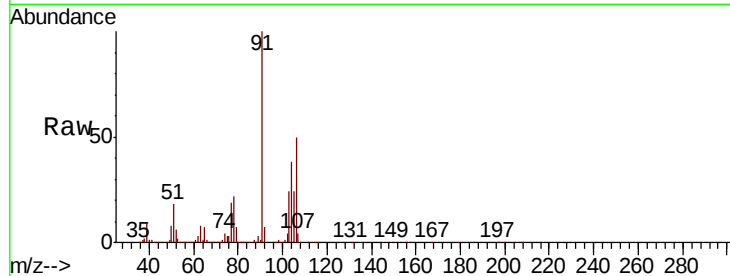




#69
o-Xylene
Concen: 49.364 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

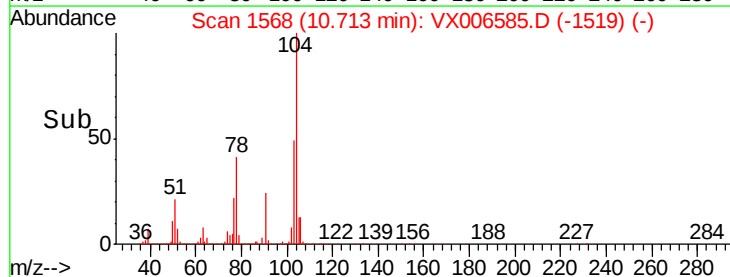
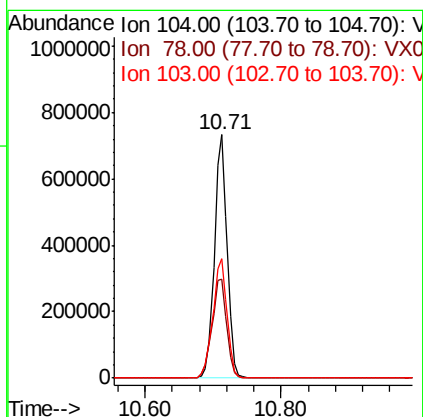
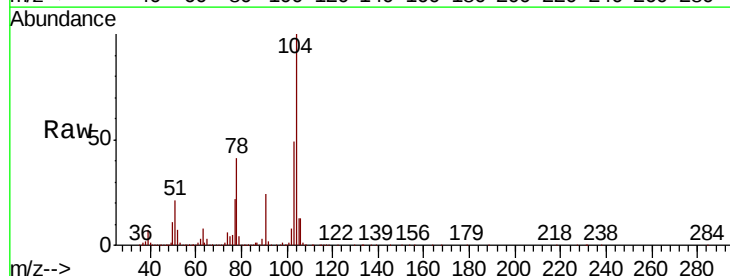
Instrument :
MSVOA_X
ClientSampled :

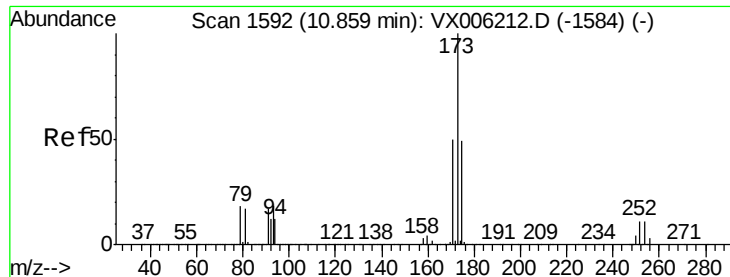
Tot Ion:106 Resp: 587436
Ion Ratio Lower Upper
106 100
91 202.5 101.8 305.6



#70
Styrene
Concen: 49.280 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion:104 Resp: 948473
Ion Ratio Lower Upper
104 100
78 47.1 37.2 55.8
103 54.8 43.5 65.3





#71

Bromoform

Concen: 35.581 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

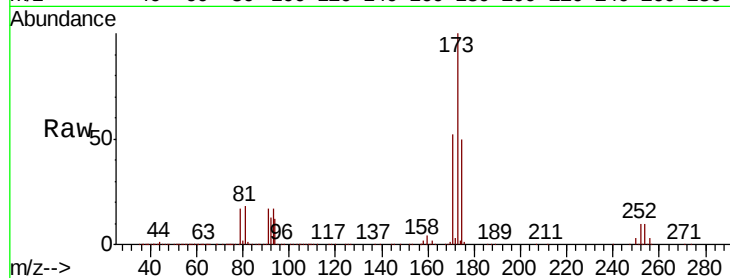
Tot Ion:173 Resp: 235987

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.8
254	0.2	0.2	0.2

173 100

175 48.8 24.6 73.8

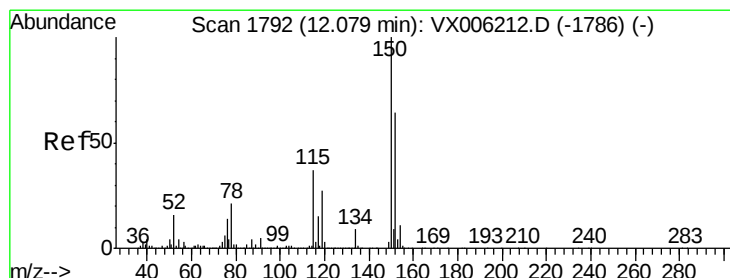
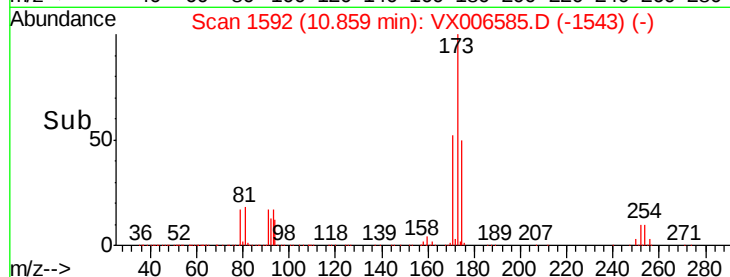
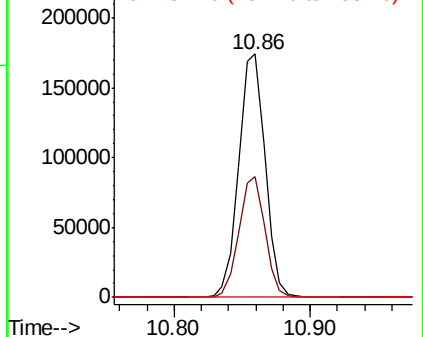
254 0.2 0.2 0.2



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: VX006585.D

Acq: 17 Dec 2018 20:46

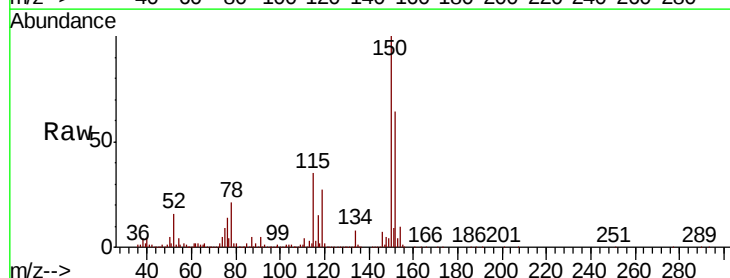
Tgt Ion:152 Resp: 438806

Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.0	116.9
150	172.8	0.0	345.8

152 100

115 78.8 39.0 116.9

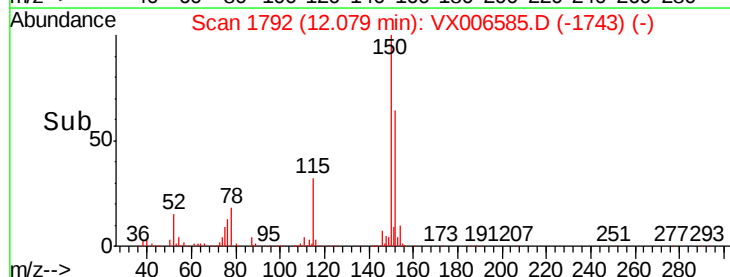
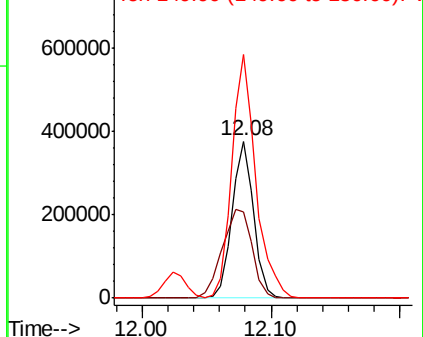
150 172.8 0.0 345.8

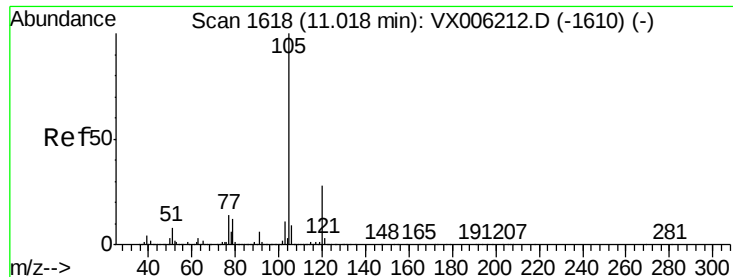


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.249 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

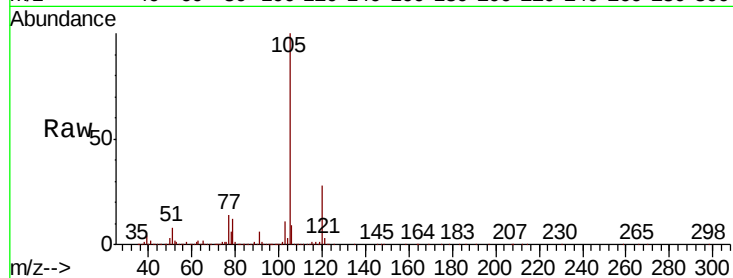
ClientSampleId :

Tot Ion:105 Resp: 1553026

Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

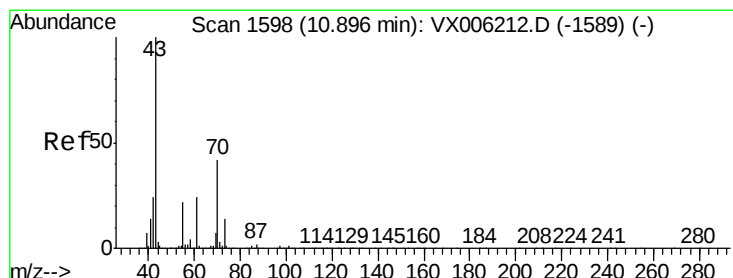
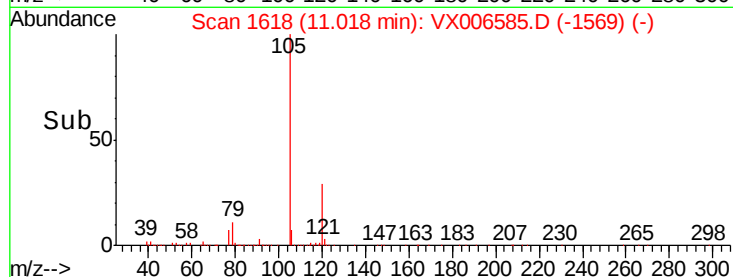
11.02

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 42.572 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 555539

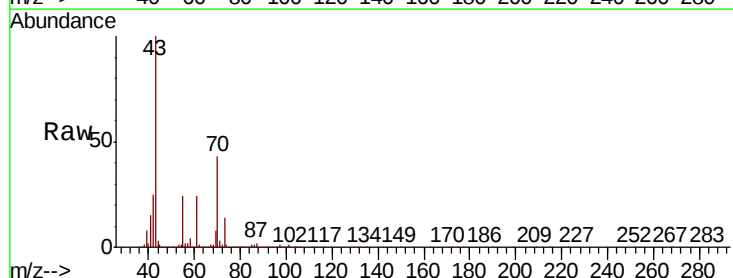
Ion Ratio Lower Upper

43 100

70 44.5 34.1 51.1

55 24.4 17.8 26.8

61 24.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

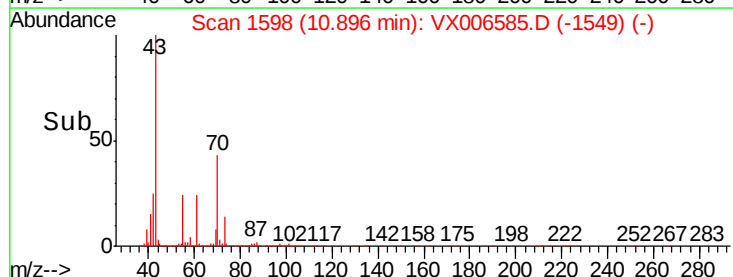
600000

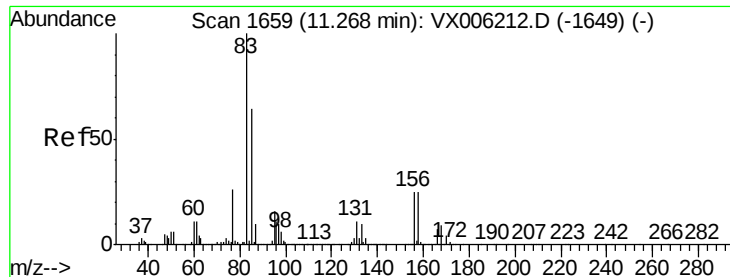
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 47.769 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

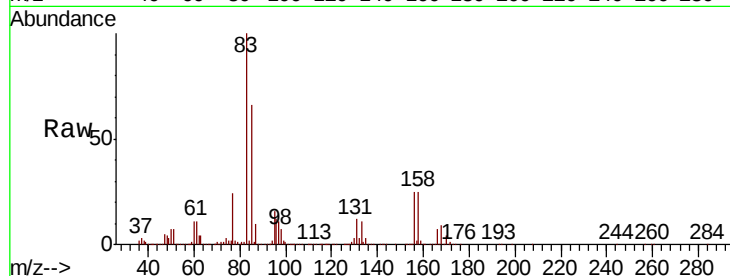
Tot Ion: 83 Resp: 463102

Ion Ratio Lower Upper

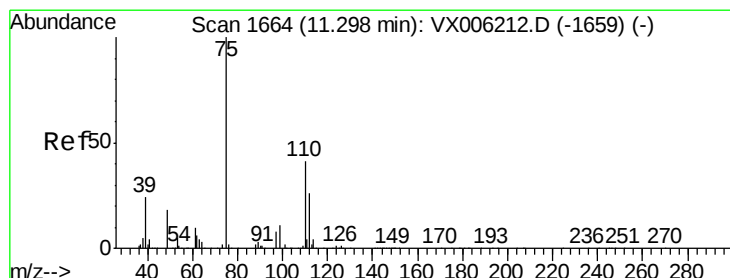
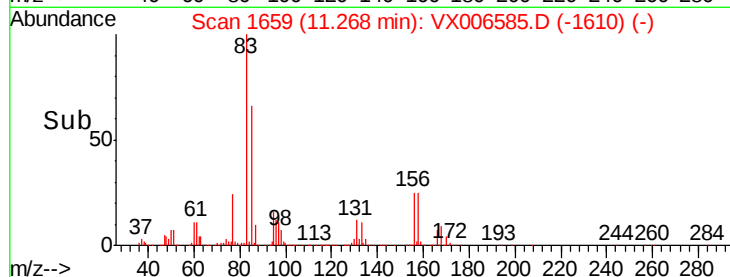
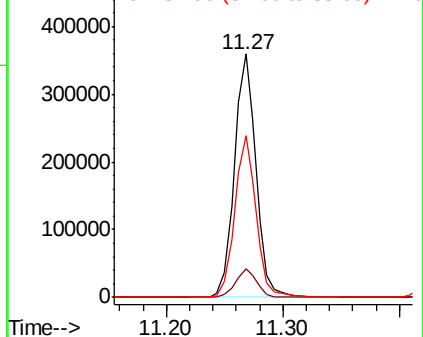
83 100

131 11.4 5.7 17.1

85 65.3 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: 60.541 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006585.D

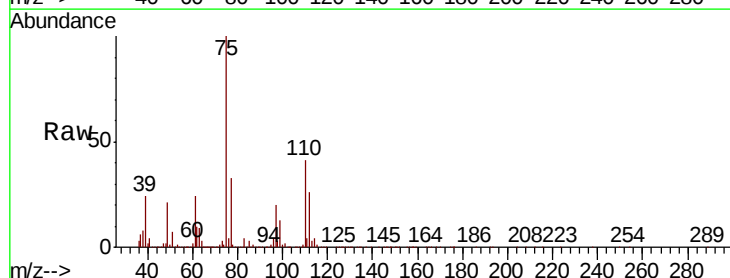
Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 512758

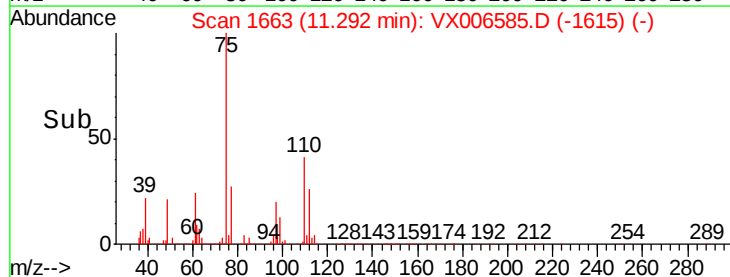
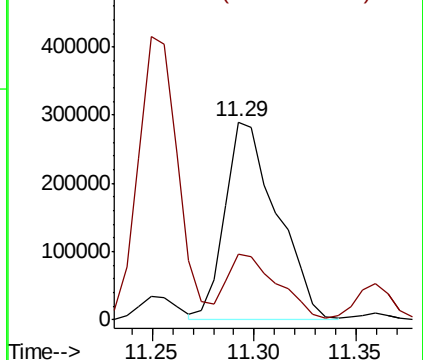
Ion Ratio Lower Upper

75 100

77 32.0 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.951 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampled :

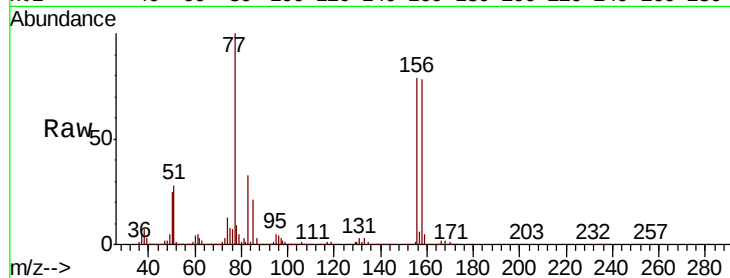
Tot Ion:156 Resp: 411668

Ion Ratio Lower Upper

156 100

77 136.2 66.2 198.6

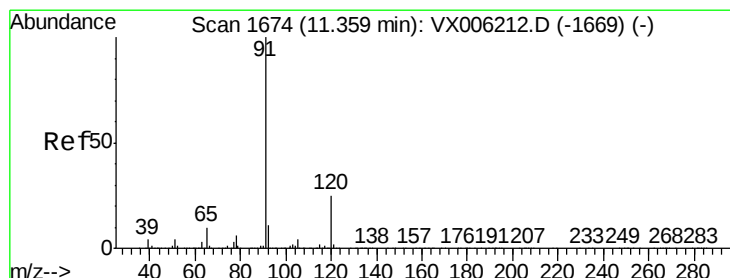
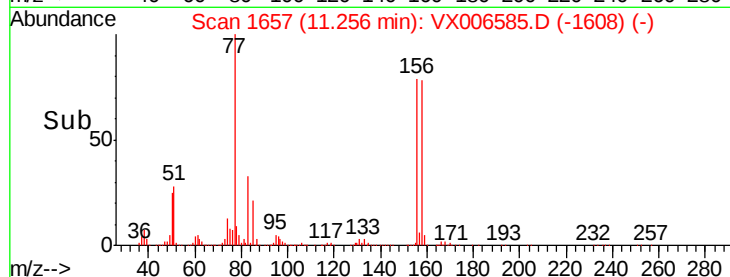
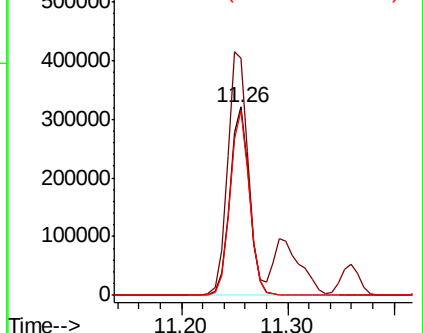
158 97.6 48.8 146.4



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: 50.718 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006585.D

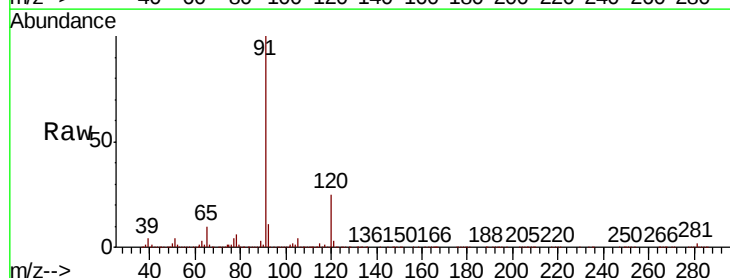
Acq: 17 Dec 2018 20:46

Tgt Ion: 91 Resp: 1708441

Ion Ratio Lower Upper

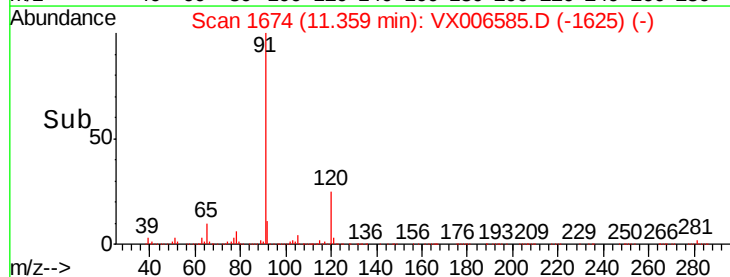
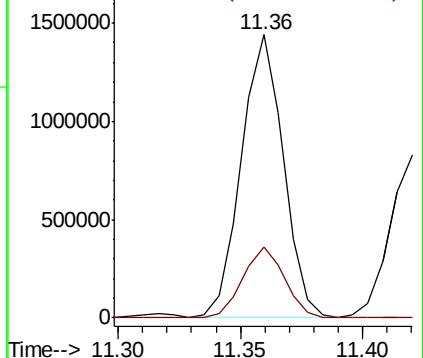
91 100

120 25.1 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: 50.044 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

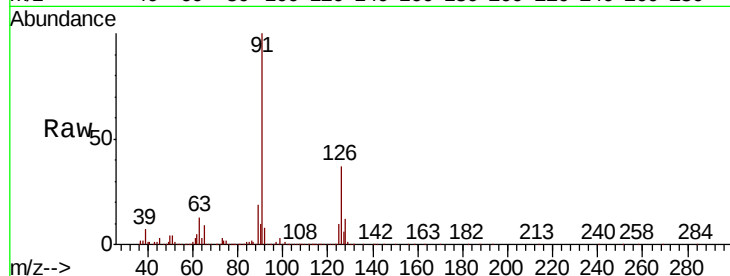
ClientSampleId :

Tot Ion: 91 Resp: 1001942

Ion Ratio Lower Upper

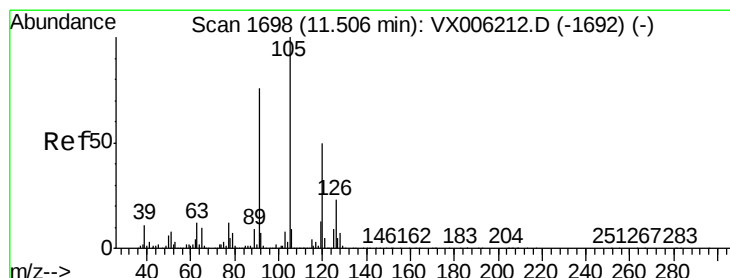
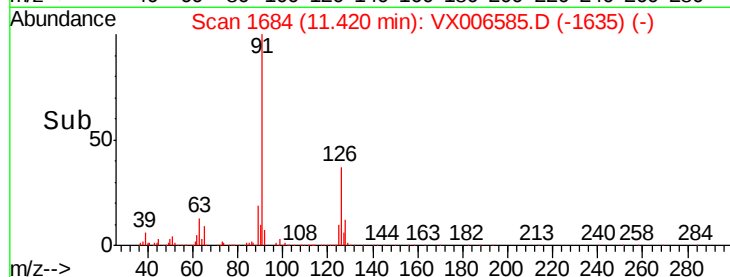
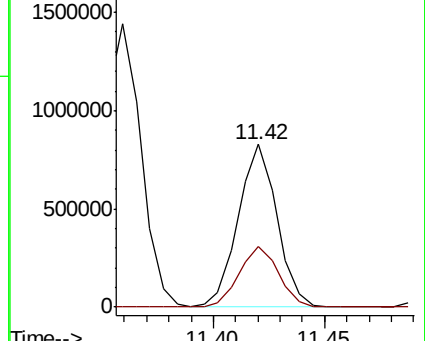
91 100

126 38.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.563 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006585.D

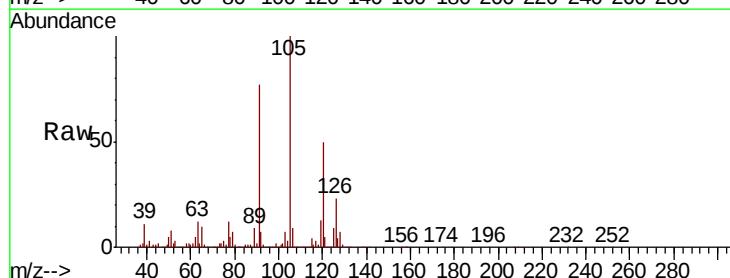
Acq: 17 Dec 2018 20:46

Tgt Ion:105 Resp: 1274850

Ion Ratio Lower Upper

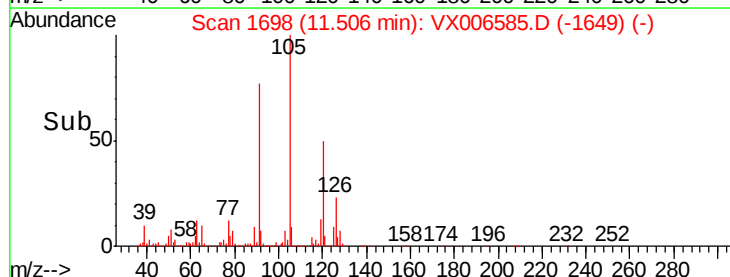
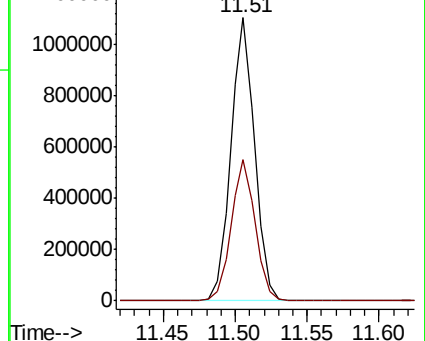
105 100

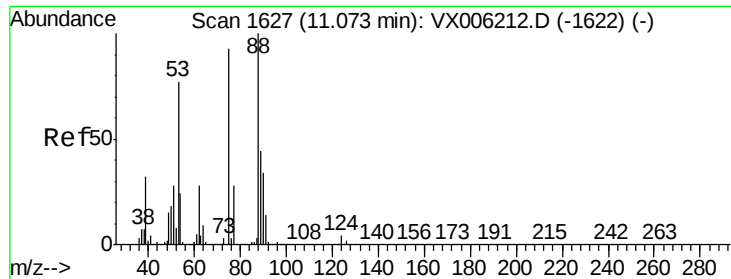
120 50.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 31.594 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

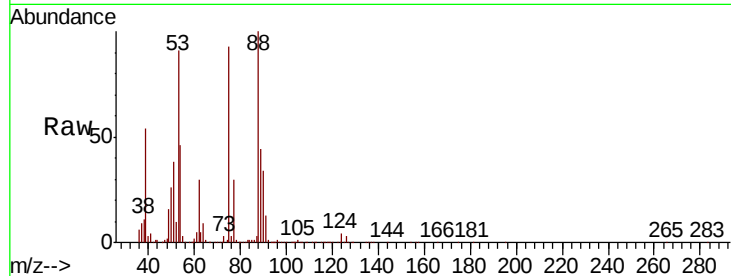
Tot Ion: 75 Resp: 114029

Ion Ratio Lower Upper

75 100

53 101.3 64.4 96.6#

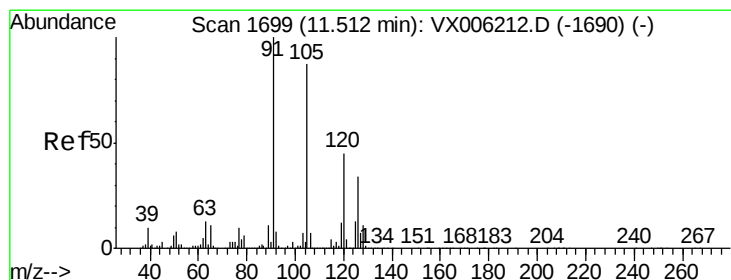
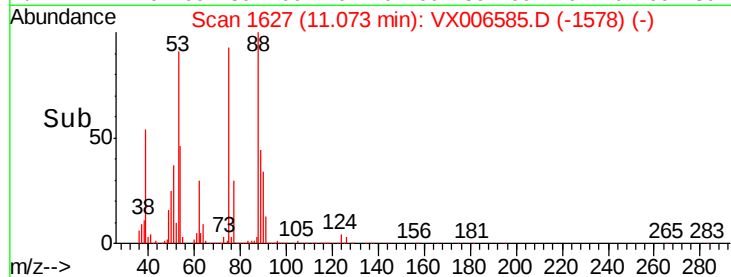
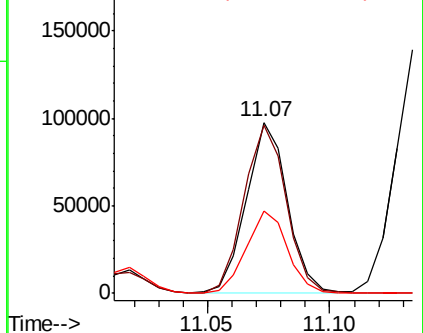
89 48.9 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.653 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006585.D

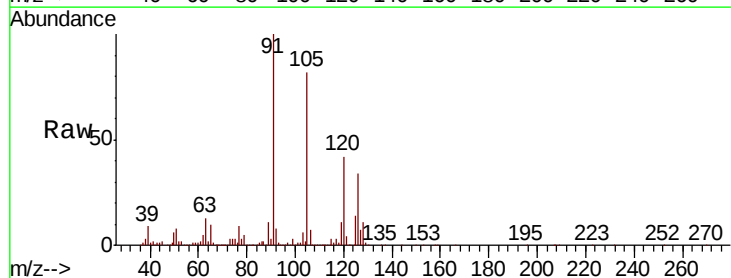
Acq: 17 Dec 2018 20:46

Tgt Ion: 91 Resp: 1155810

Ion Ratio Lower Upper

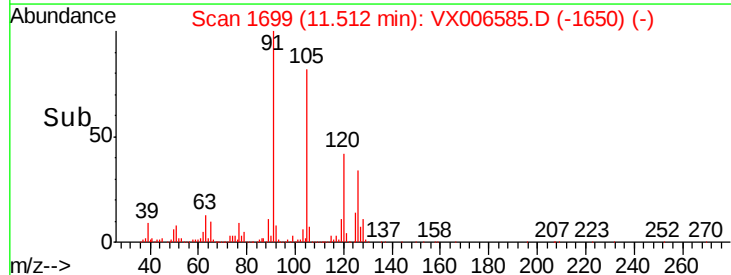
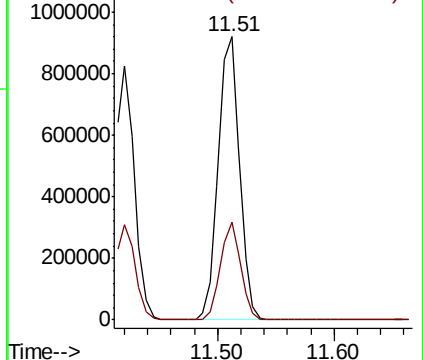
91 100

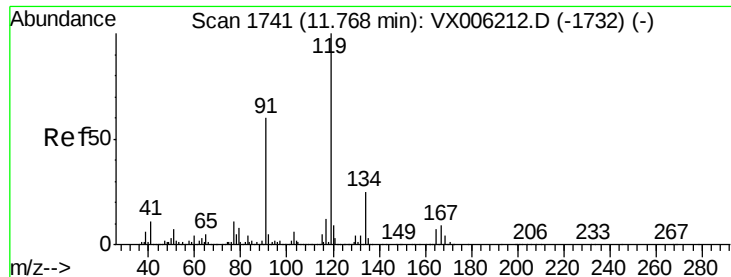
126 33.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.623 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

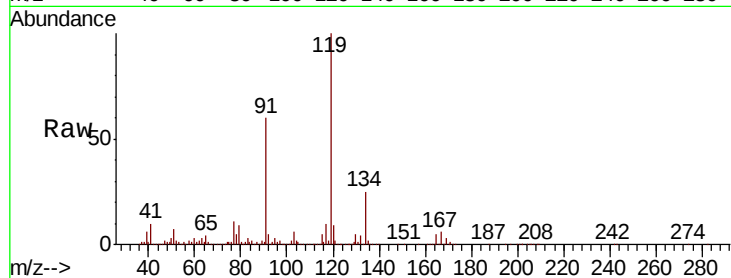
Tot Ion:119 Resp: 1308041

Ion	Ratio	Lower	Upper
119	100		
91	54.9	26.4	79.2
134	23.9	11.6	34.7

119 100

91 54.9 26.4 79.2

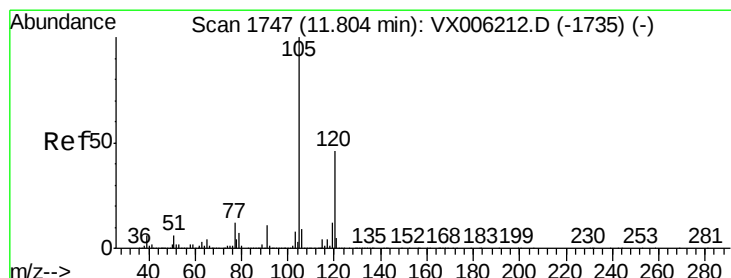
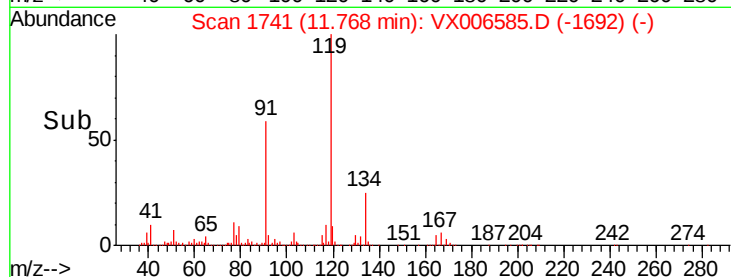
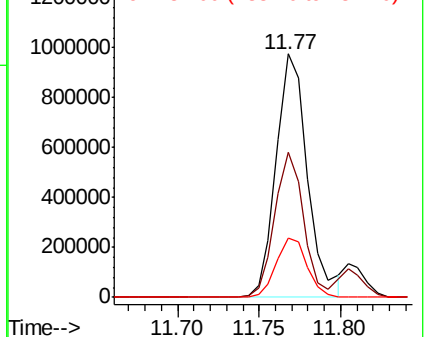
134 23.9 11.6 34.7



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: 50.290 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006585.D

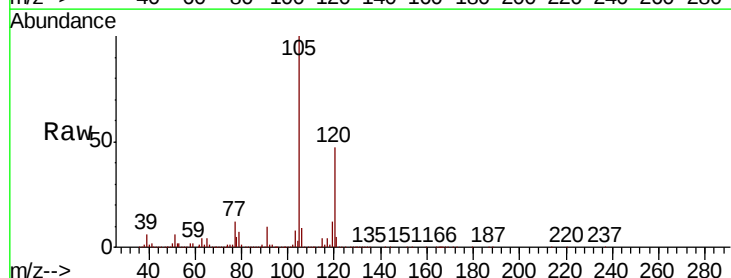
Acq: 17 Dec 2018 20:46

Tgt Ion:105 Resp: 1309298

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0

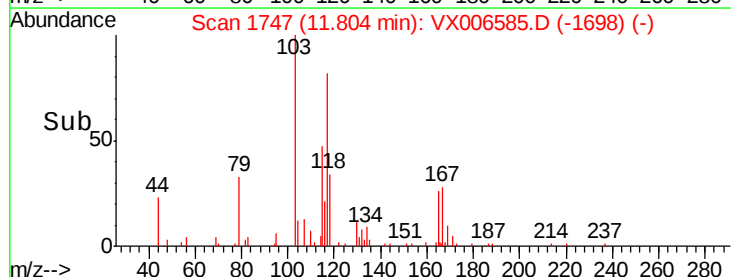
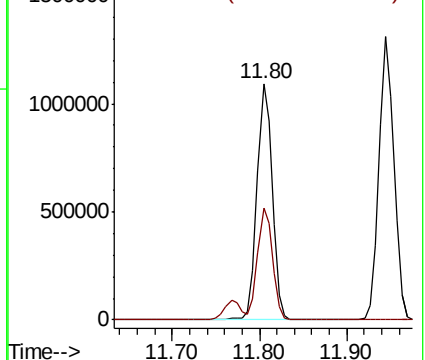
105 100

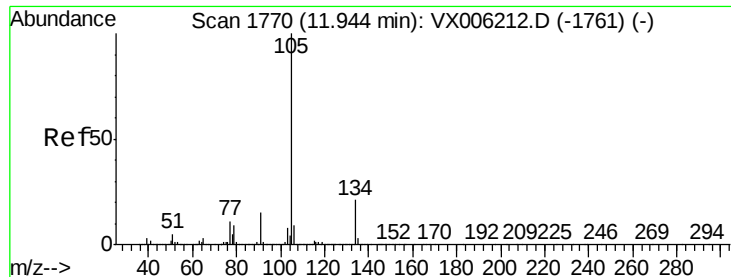
120 46.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.981 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

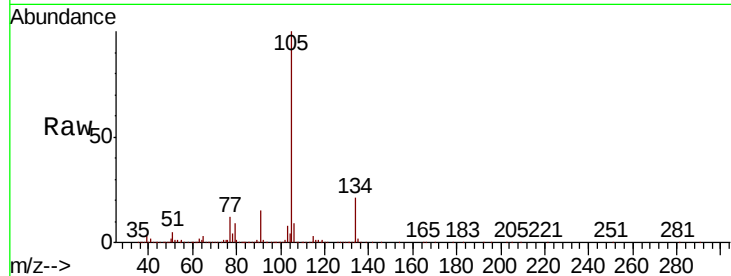
ClientSampled :

Tot Ion:105 Resp: 1560253

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

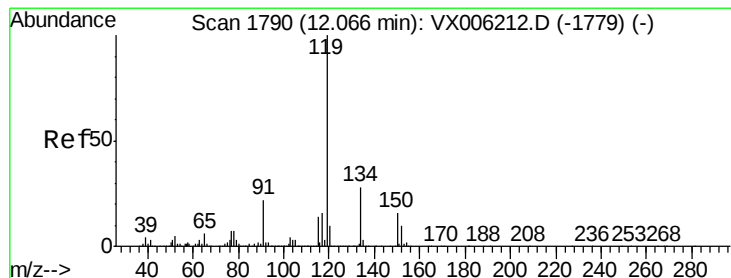
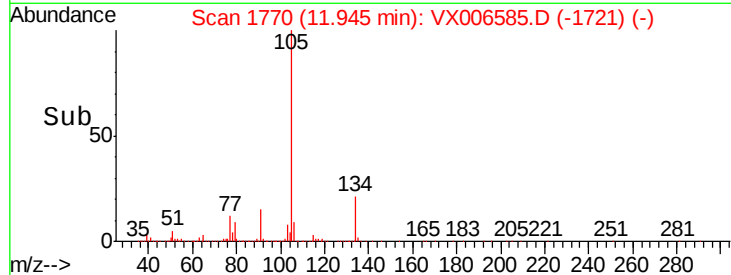
11.94

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.180 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

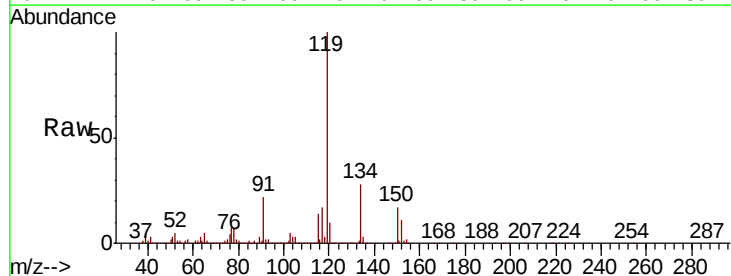
Tgt Ion:119 Resp: 1382862

Ion Ratio Lower Upper

119 100

134 27.3 13.9 41.6

91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

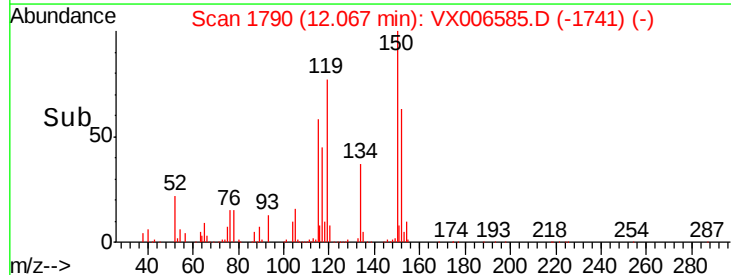
12.07

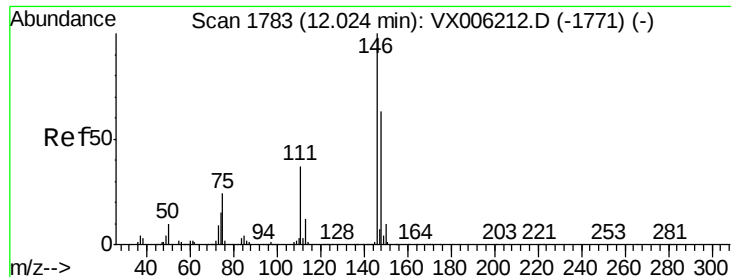
1000000

500000

0

Time-->

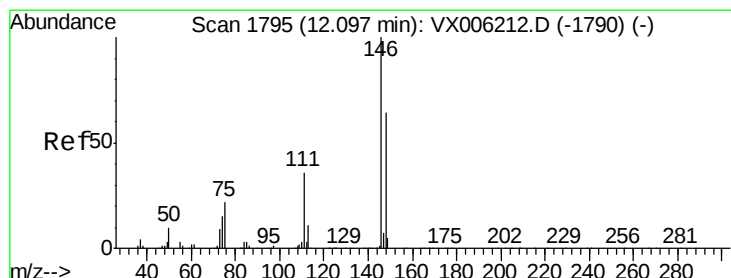
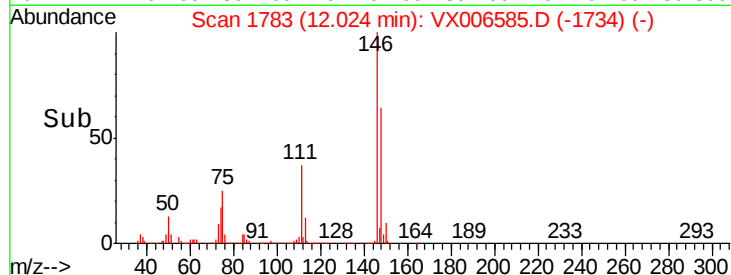
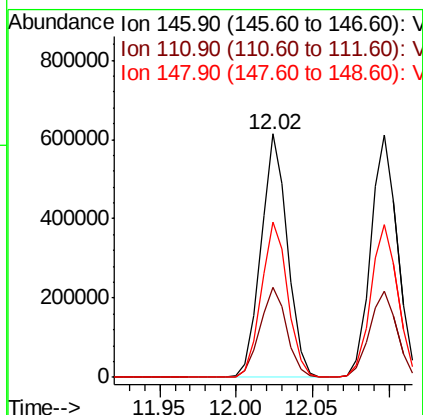
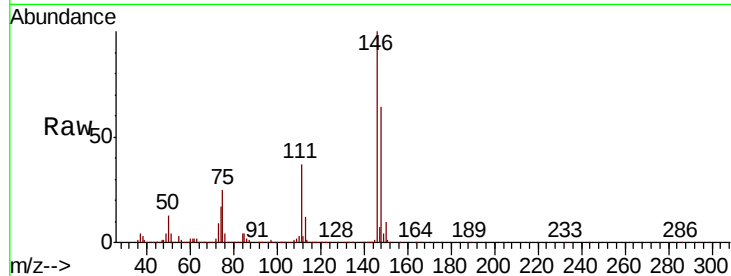




#87
 1,3-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

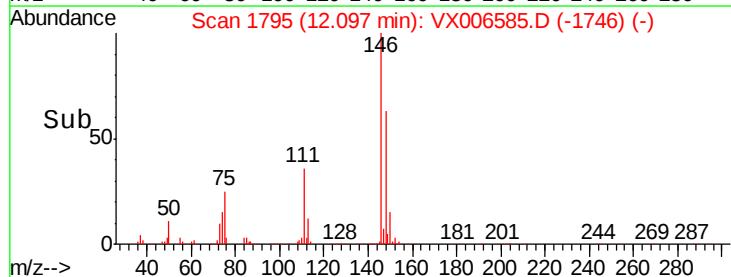
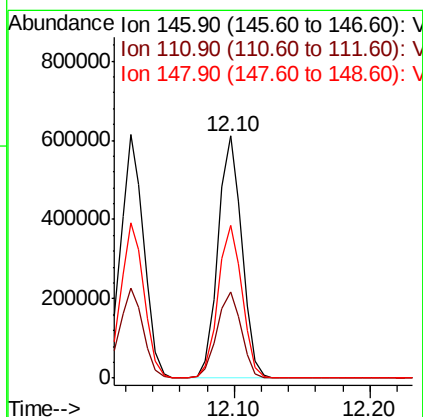
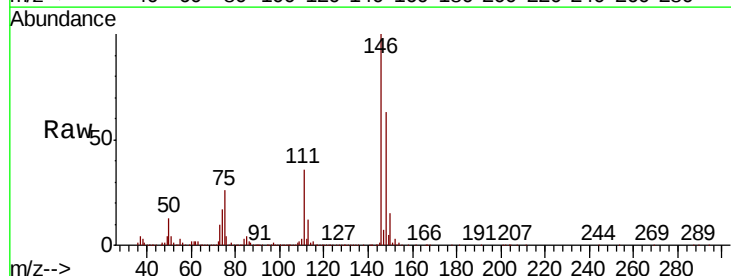
Instrument :
 MSVOA_X
 ClientSampleId :

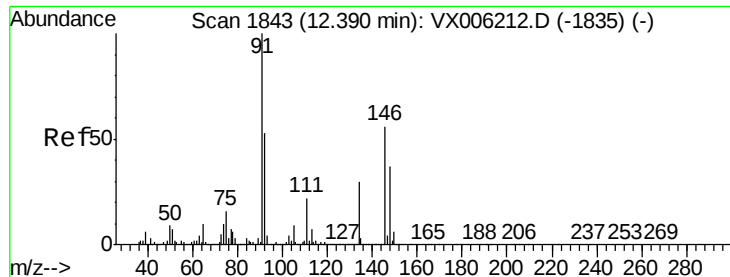
Tot Ion:146 Resp: 741091
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.2
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.638 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion:146 Resp: 738713
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 63.9 31.9 95.9

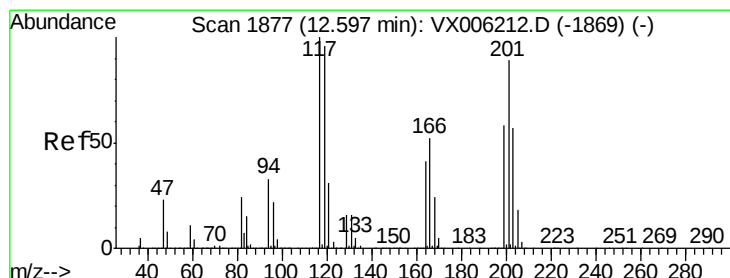
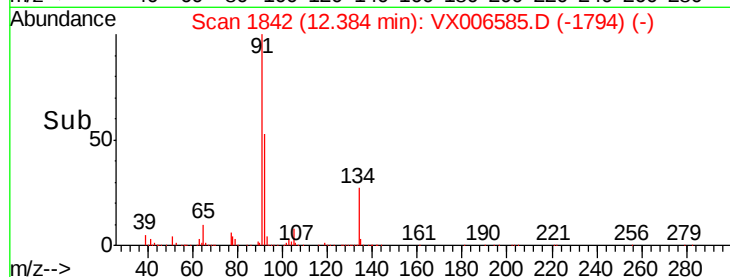
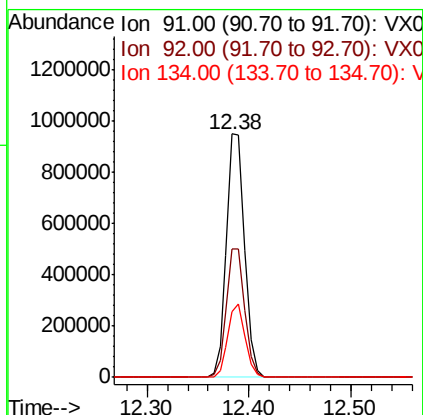
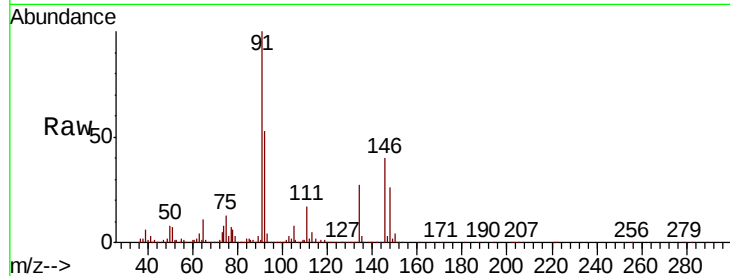




#89
n-Butylbenzene
Concen: 49.613 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

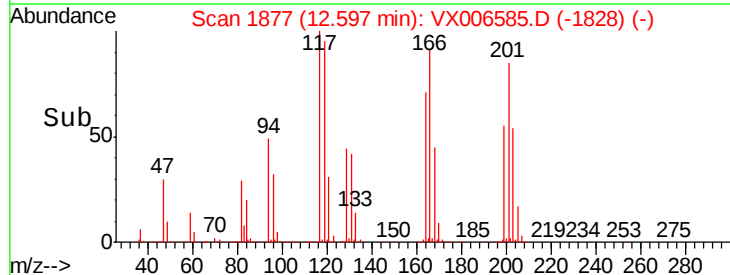
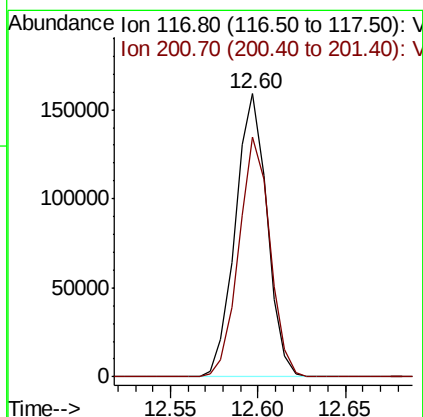
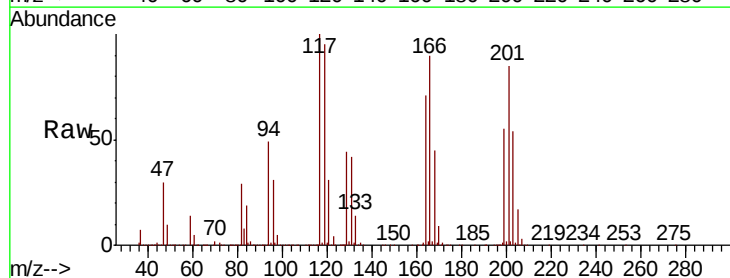
Instrument :
MSVOA_X
ClientSampleId :

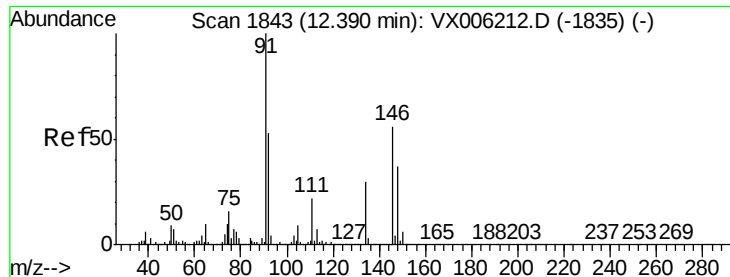
Tot Ion: 91 Resp: 1166598
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 28.8 14.8 44.3



#90
Hexachloroethane
Concen: 35.754 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 117 Resp: 200815
Ion Ratio Lower Upper
117 100
201 83.2 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 48.884 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampled :

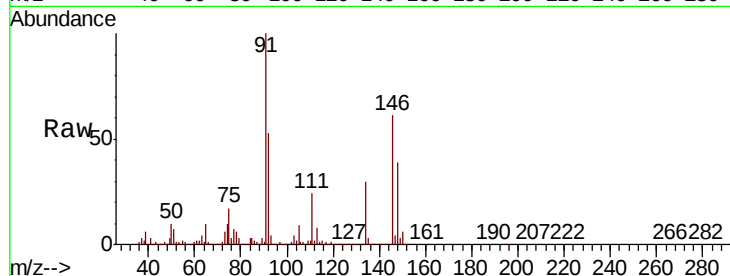
Tot Ion:146 Resp: 725991

Ion Ratio Lower Upper

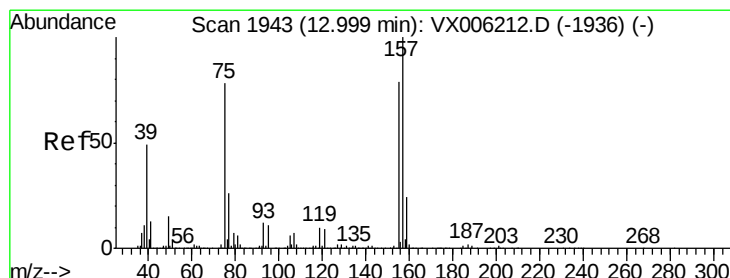
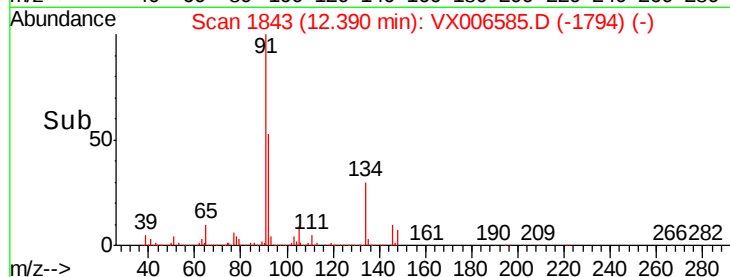
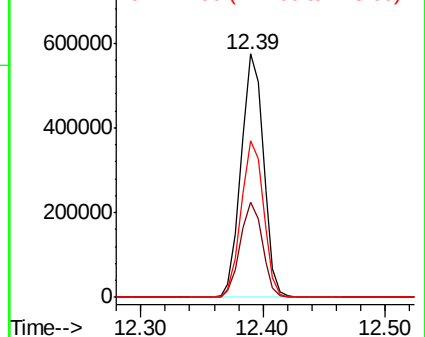
146 100

111 38.6 19.1 57.3

148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.170 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

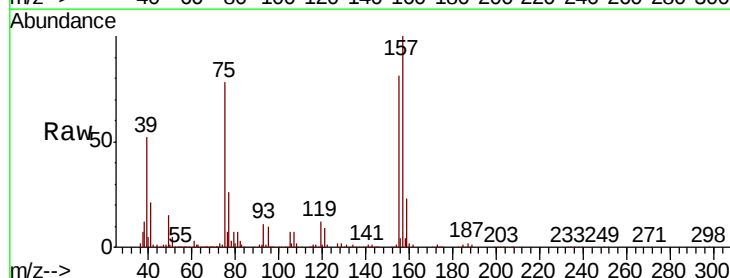
Tgt Ion: 75 Resp: 97344

Ion Ratio Lower Upper

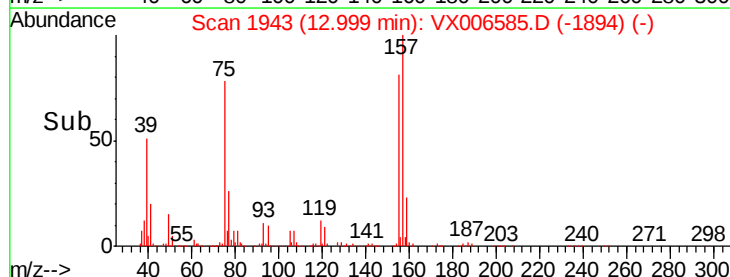
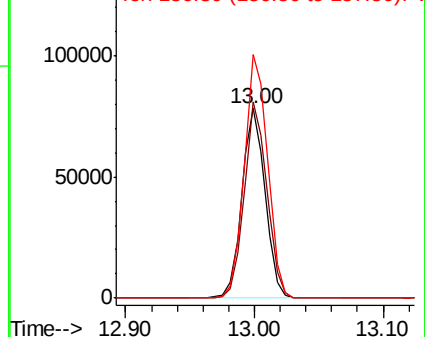
75 100

155 100.6 53.4 160.3

157 129.0 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

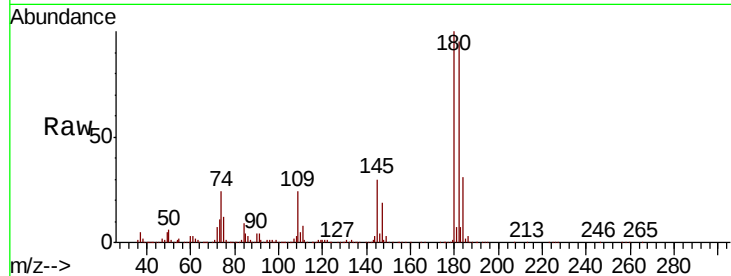




#93
 1,2,4-Trichlorobenzene
 Concen: 47.395 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.9
145	30.1	14.6	43.8

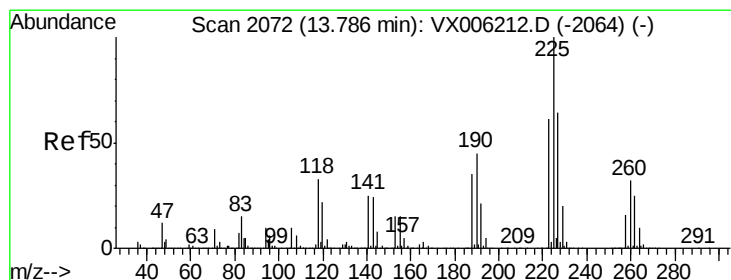
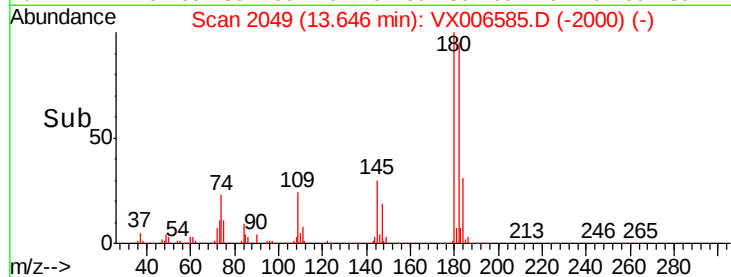
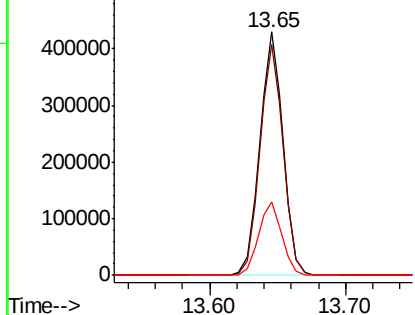


Abundance

Ion 179.80 (179.50 to 180.50): V

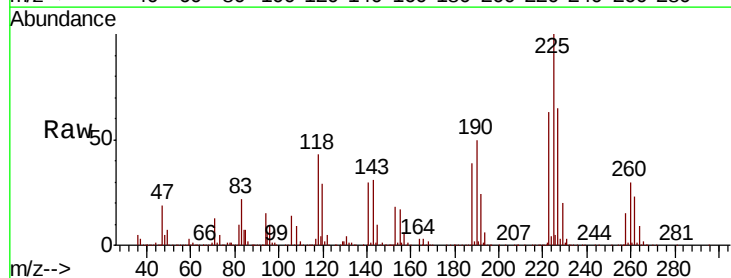
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.062 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.2	93.6
227	64.5	31.9	95.5

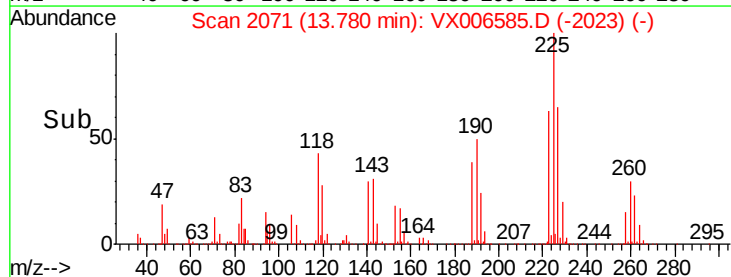
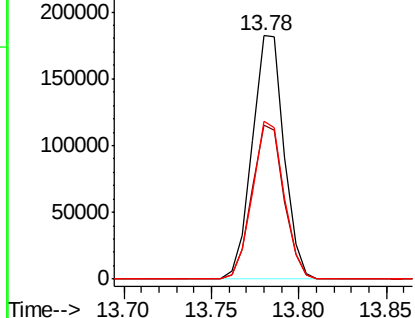


Abundance

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: 48.801 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

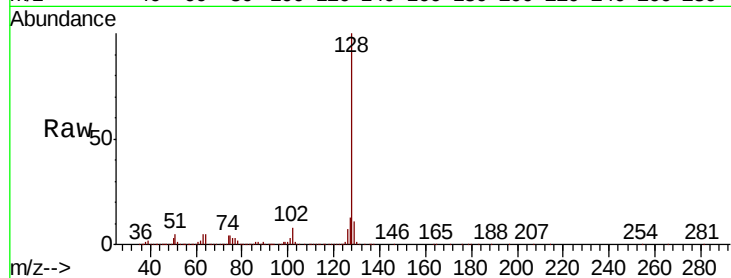
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1644750

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.9	13.3

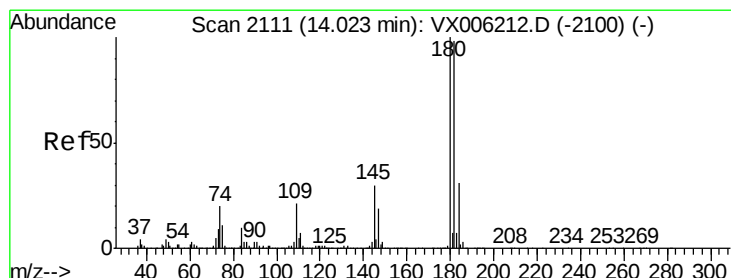
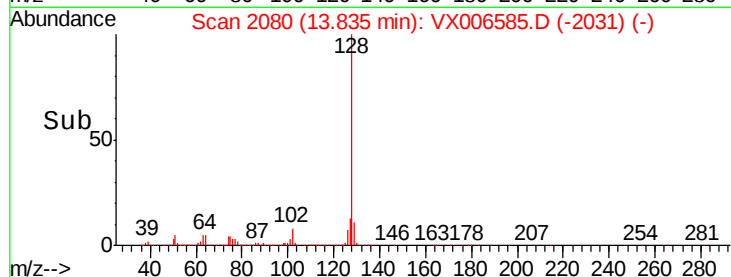
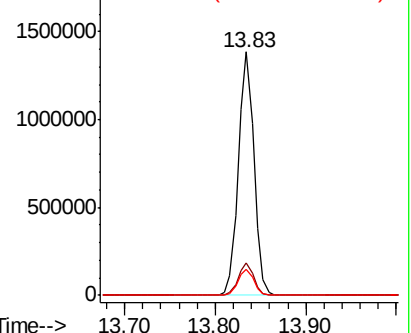


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.631 ug/l

RT: 14.02 min Scan# 2110

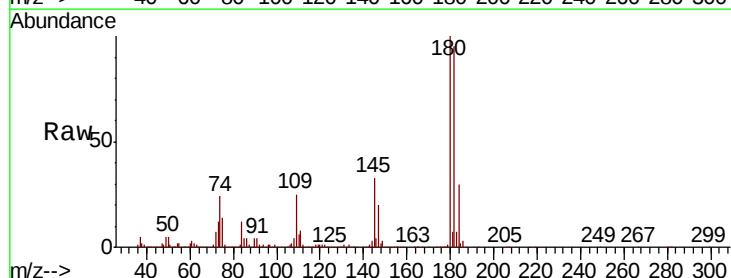
Delta R.T. -0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:180 Resp: 521891

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	31.9	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

