

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006834.D
 Acq On : 27 Dec 2018 11:36
 Operator : JC/MD
 Sample : VX1227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:17:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	568999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	761390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	382847	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	292544	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.50	113	263245	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	8.71	98	969626	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	351790	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89210	17.138	ug/l	99
3) Chloromethane	1.33	50	101126	18.033	ug/l	100
4) Vinyl Chloride	1.41	62	109552	18.704	ug/l	99
5) Bromomethane	1.64	94	102325	17.474	ug/l	96
6) Chloroethane	1.72	64	71533	17.639	ug/l	98
7) Trichlorofluoromethane	1.93	101	171170	18.745	ug/l	100
8) Diethyl Ether	2.19	74	69059	19.041	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99962	18.644	ug/l	97
10) Methyl Iodide	2.51	142	128758	16.777	ug/l	100
11) Tert butyl alcohol	3.07	59	123826	90.477	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95674	18.819	ug/l	98
13) Acrolein	2.30	56	88286	95.624	ug/l	99
14) Allyl chloride	2.73	41	164900	19.270	ug/l	99
15) Acrylonitrile	3.15	53	305611	100.573	ug/l	99
16) Acetone	2.45	43	277823	98.609	ug/l	100
17) Carbon Disulfide	2.57	76	203359	15.115	ug/l	99
18) Methyl Acetate	2.78	43	176900	21.353	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	351550	20.835	ug/l	98
20) Methylene Chloride	2.86	84	117487	20.166	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	101670	18.049	ug/l	97
22) Diisopropyl ether	3.87	45	329919	21.074	ug/l	97
23) Vinyl Acetate	3.82	43	1281799	100.099	ug/l	98
24) 1,1-Dichloroethane	3.70	63	178171	19.065	ug/l	99
25) 2-Butanone	4.70	43	383694	96.818	ug/l	99
26) 2,2-Dichloropropane	4.59	77	135481	18.767	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	120129	19.329	ug/l	97
28) Bromochloromethane	5.02	49	80611	19.325	ug/l	97
29) Tetrahydrofuran	5.15	42	249849	95.720	ug/l	97
30) Chloroform	5.21	83	187788	19.404	ug/l	95
31) Cyclohexane	5.58	56	140864	16.592	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	155896	19.078	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131807	18.839	ug/l	99
37) Ethyl Acetate	4.85	43	145347	19.960	ug/l	99
38) Carbon Tetrachloride	5.78	117	129857	19.098	ug/l	93

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Instrument :
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 ClientSampleId :

Quant Time: Dec 28 03:17:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142040	15.421	ug/l	99
40) Benzene	6.14	78	419863	19.742	ug/l	97
41) Methacrylonitrile	5.06	41	83427	21.579	ug/l	98
42) 1,2-Dichloroethane	6.20	62	144761	19.976	ug/l	100
43) Isopropyl Acetate	6.46	43	234367	21.152	ug/l	98
44) Trichloroethene	7.21	130	123561	19.196	ug/l	97
45) 1,2-Dichloropropane	7.52	63	103444	19.988	ug/l	98
46) Dibromomethane	7.66	93	74572	19.590	ug/l	98
47) Bromodichloromethane	7.90	83	126386	19.998	ug/l	99
48) Methyl methacrylate	7.77	41	119706	21.245	ug/l	98
49) 1,4-Dioxane	7.75	88	48977	318.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	759108	107.677	ug/l	99
52) Toluene	8.78	92	270583	19.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135197	19.946	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	152794	20.544	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116781	20.766	ug/l	98
56) Ethyl methacrylate	9.18	69	169462	21.320	ug/l	96
57) 1,3-Dichloropropane	9.37	76	182090	20.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	415110	98.247	ug/l	100
59) 2-Hexanone	9.49	43	575283	106.653	ug/l	99
60) Dibromochloromethane	9.58	129	107707	19.785	ug/l	97
61) 1,2-Dibromoethane	9.67	107	120262	20.117	ug/l	99
64) Tetrachloroethene	9.34	164	117410	19.474	ug/l	95
65) Chlorobenzene	10.14	112	313954	19.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106462	21.184	ug/l	99
67) Ethyl Benzene	10.25	91	510401	19.391	ug/l	100
68) m/p-Xylenes	10.36	106	403458	38.845	ug/l	99
69) o-Xylene	10.69	106	199729	19.474	ug/l	97
70) Styrene	10.71	104	328180	20.225	ug/l	100
71) Bromoform	10.86	173	77115	19.954	ug/l #	99
73) Isopropylbenzene	11.02	105	516078	19.704	ug/l	98
74) N-amyl acetate	10.90	43	214032	22.830	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	170560	21.897	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	181959	25.574	ug/l	92
77) Bromobenzene	11.26	156	147047	20.767	ug/l	98
78) n-propylbenzene	11.36	91	558340	19.359	ug/l	100
79) 2-Chlorotoluene	11.42	91	342971	19.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	409867	18.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	39406	19.661	ug/l	90
82) 4-Chlorotoluene	11.51	91	396588	19.781	ug/l	100
83) tert-Butylbenzene	11.77	119	401627	18.602	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	425567	18.755	ug/l	100
85) sec-Butylbenzene	11.94	105	473044	17.870	ug/l	100
86) p-Isopropyltoluene	12.06	119	421229	18.102	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	254852	19.970	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	255599	19.538	ug/l	99
89) n-Butylbenzene	12.38	91	340410	17.189	ug/l	99
90) Hexachloroethane	12.60	117	55801	17.606	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	252455	19.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30483	18.913	ug/l	97

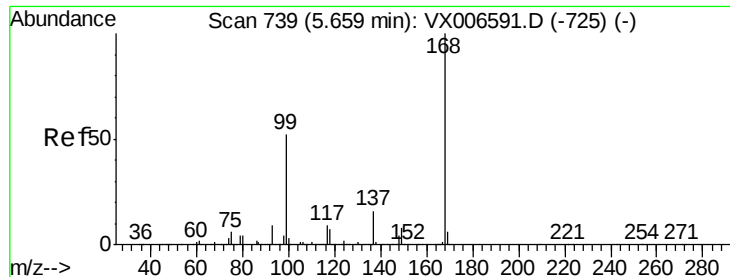
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
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Quant Time: Dec 28 03:17:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155561	17.665	ug/l	99
94) Hexachlorobutadiene	13.78	225	61082	14.716	ug/l	99
95) Naphthalene	13.83	128	482183	17.156	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	154793	17.025	ug/l	98

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

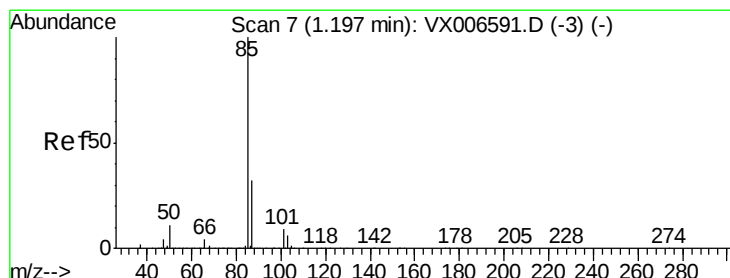
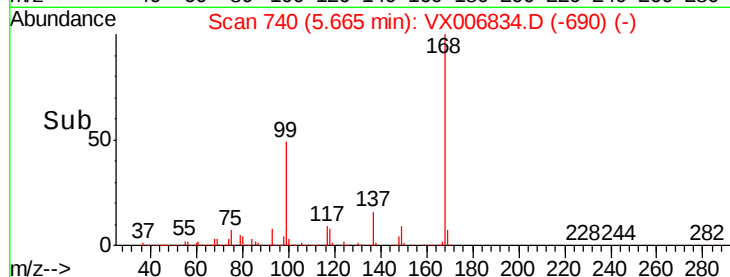
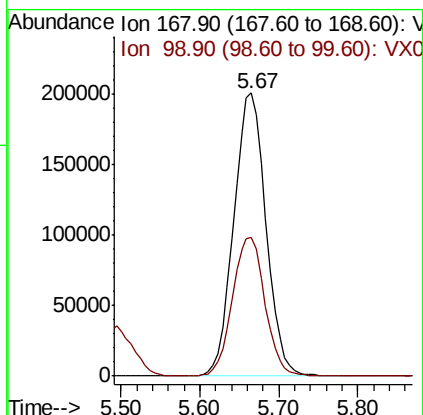
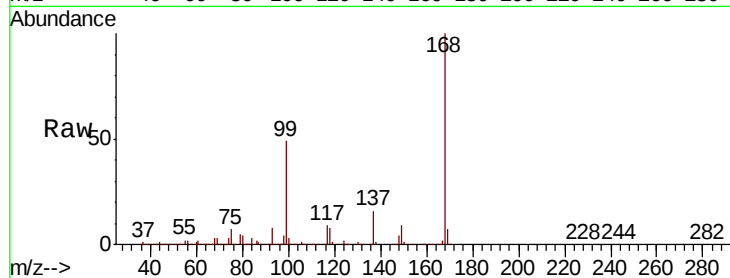


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampled :

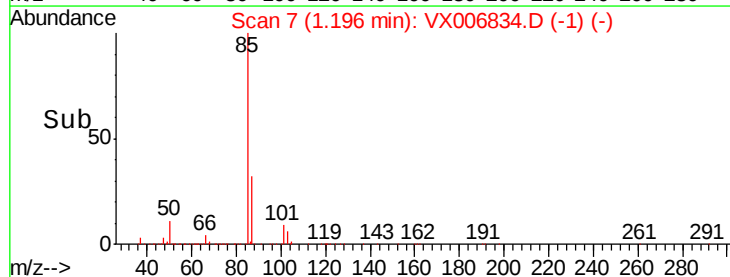
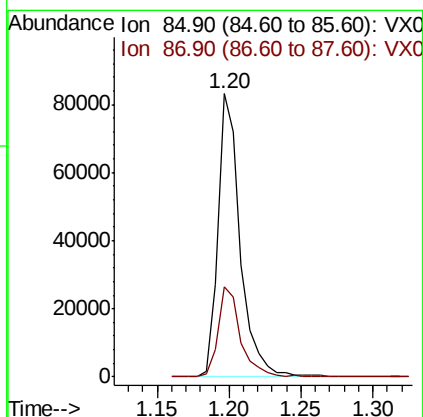
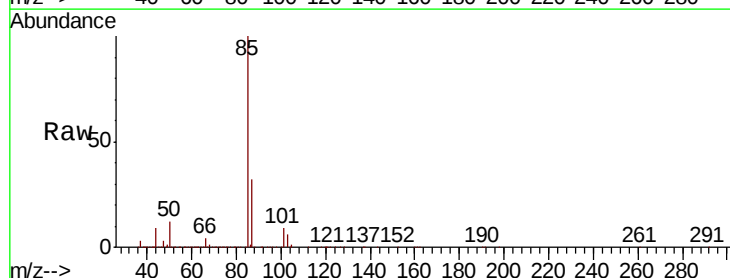
Tot Ion:168 Resp: 568999
 Ion Ratio Lower Upper
 168 100
 99 48.8 41.8 62.8



#2

Dichlorodifluoromethane
 Concen: 17.138 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion: 85 Resp: 89210
 Ion Ratio Lower Upper
 85 100
 87 32.1 15.9 47.6





#3

Chloromethane

Concen: 18.033 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

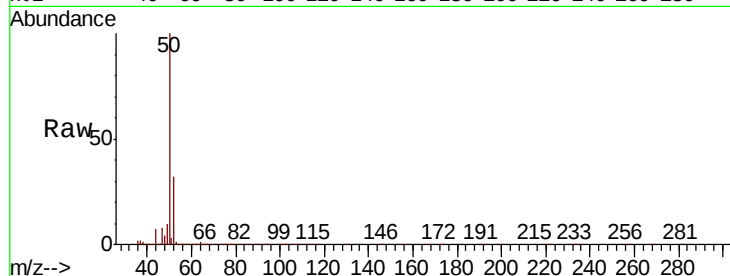
ClientSampleId :

Tot Ion: 50 Resp: 101126

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

100000

80000

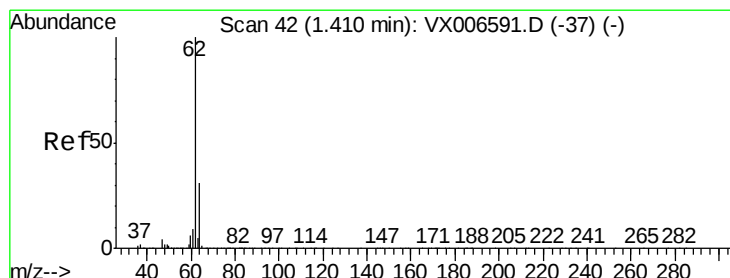
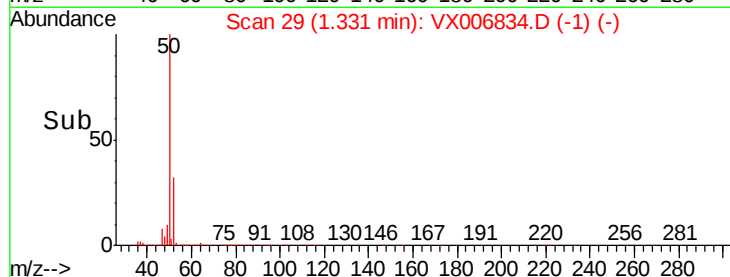
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 18.704 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006834.D

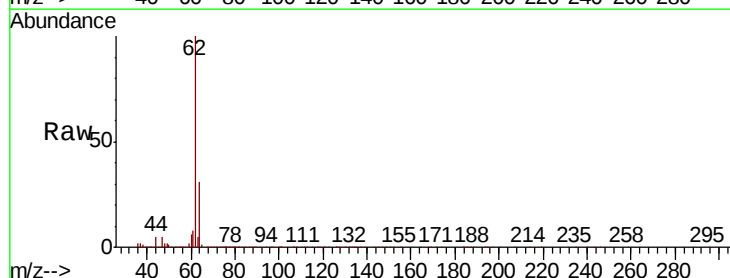
Acq: 27 Dec 2018 11:36

Tgt Ion: 62 Resp: 109552

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

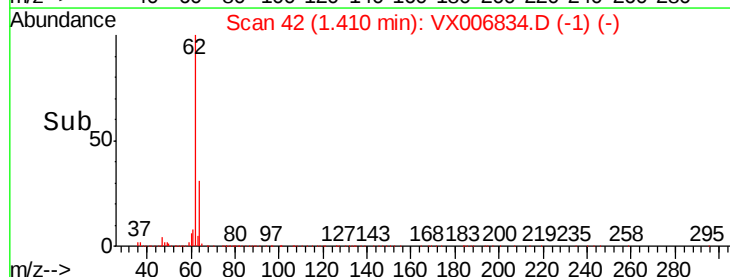
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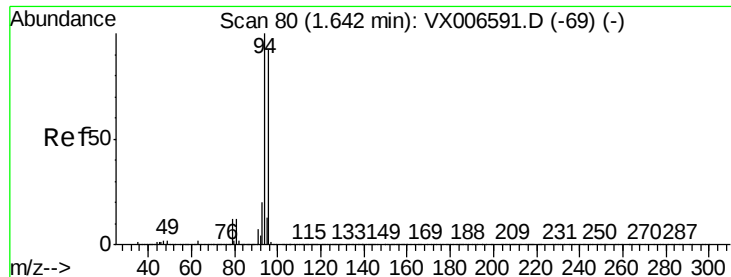
40000

20000

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Time-->





#5

Bromomethane

Concen: 17.474 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

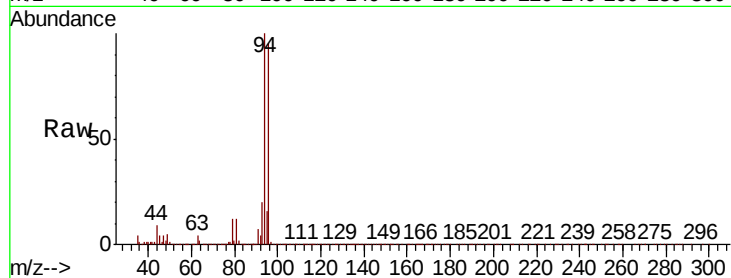
ClientSampleId :

Tot Ion: 94 Resp: 102325

Ion Ratio Lower Upper

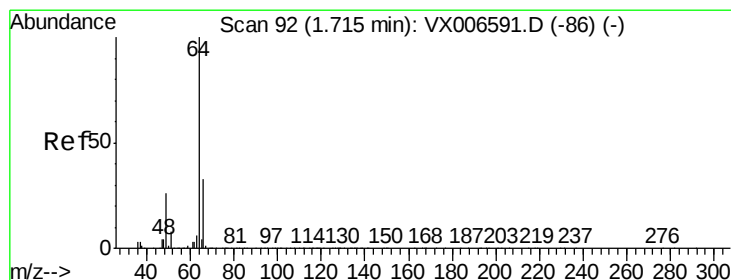
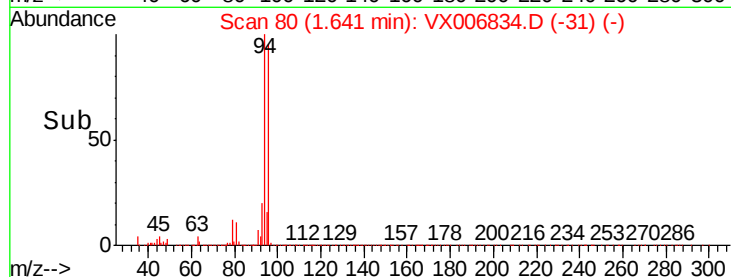
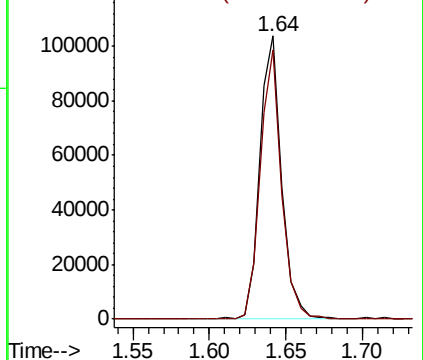
94 100

96 95.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.639 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006834.D

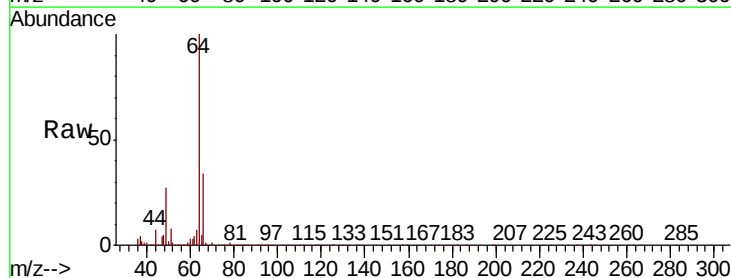
Acq: 27 Dec 2018 11:36

Tgt Ion: 64 Resp: 71533

Ion Ratio Lower Upper

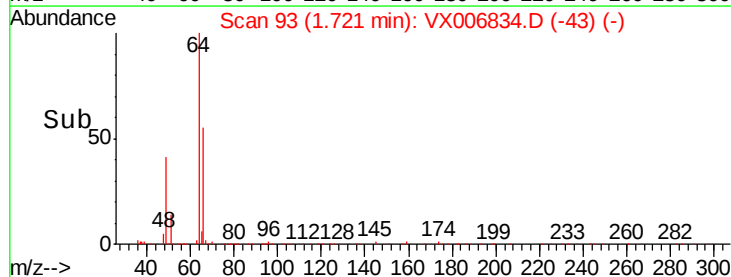
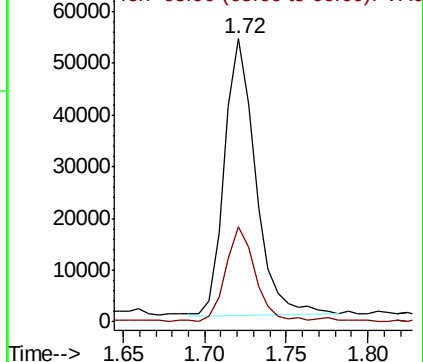
64 100

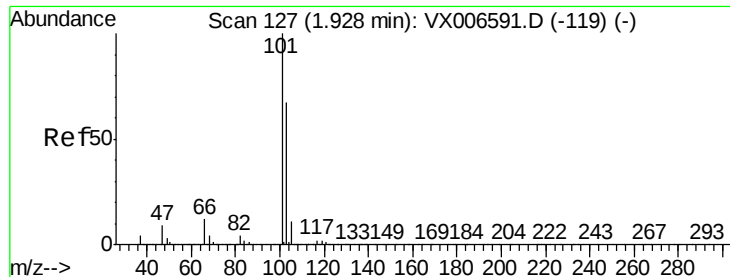
66 33.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



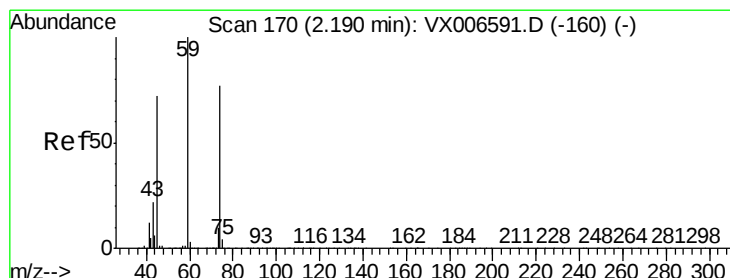
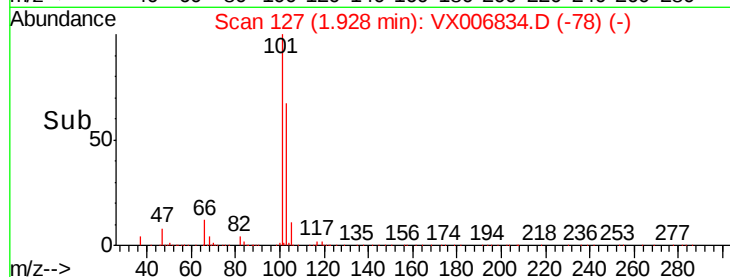
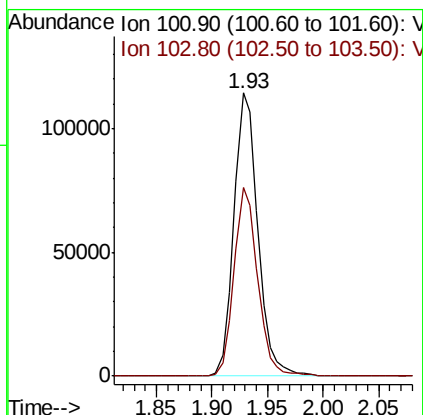
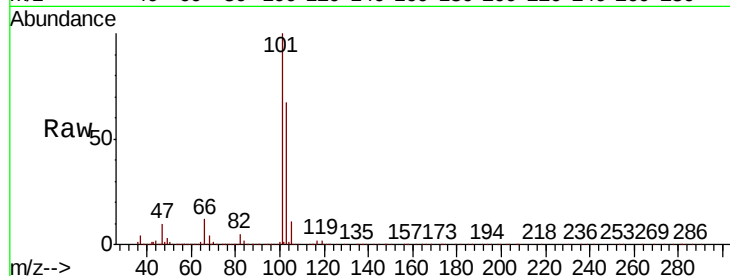


#7

Trichlorofluoromethane
 Concen: 18.745 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

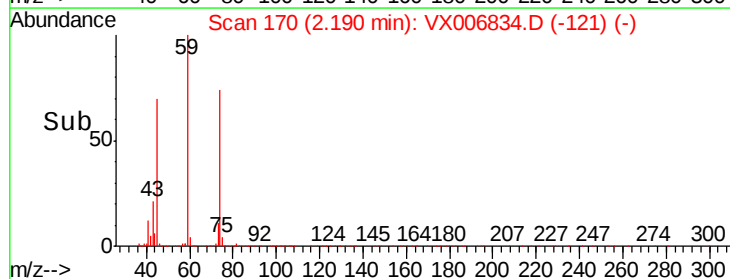
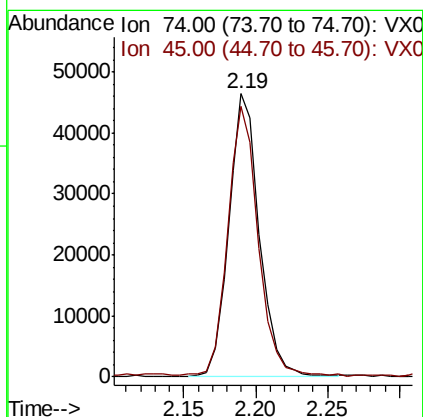
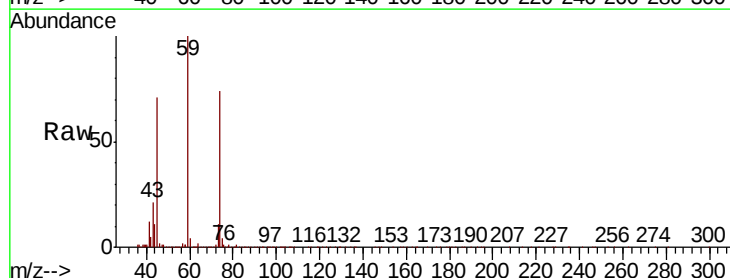
Tot Ion:101 Resp: 171170
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.2 79.8



#8

Diethyl Ether
 Concen: 19.041 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion: 74 Resp: 69059
 Ion Ratio Lower Upper
 74 100
 45 93.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.644 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

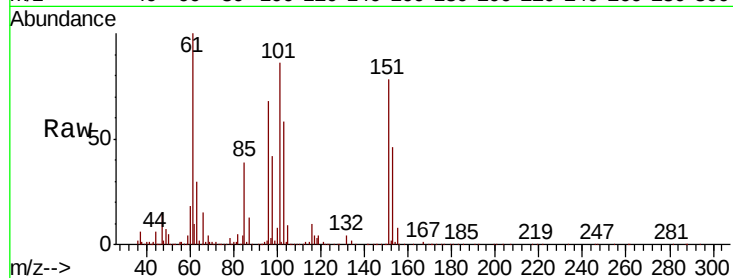
Tot Ion:101 Resp: 99962

Ion Ratio Lower Upper

101 100

85 43.3 35.1 52.7

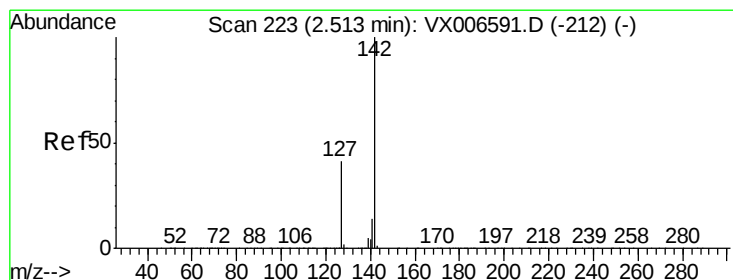
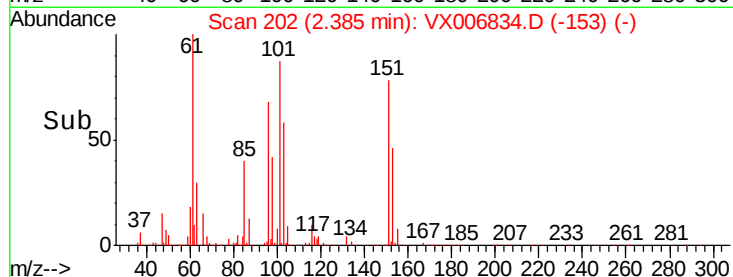
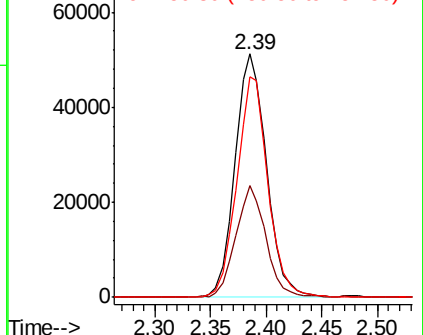
151 89.7 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.777 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

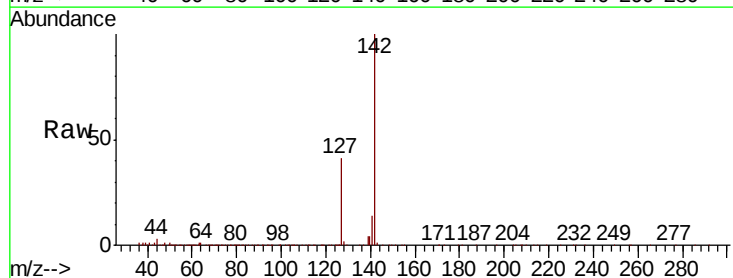
Tgt Ion:142 Resp: 128758

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

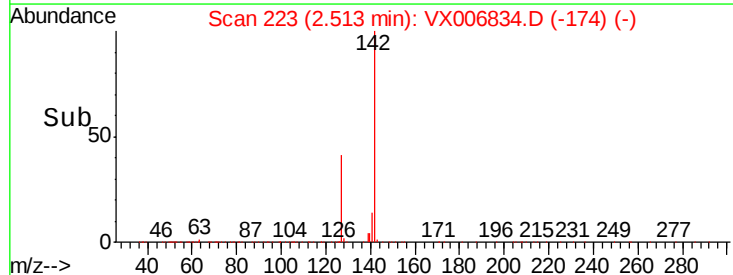
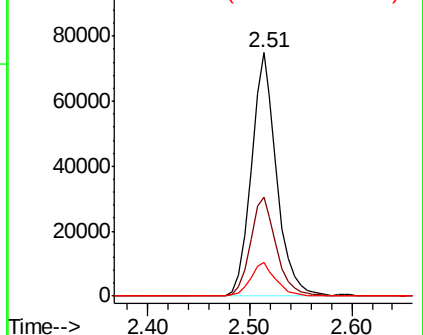
141 14.1 11.4 17.0

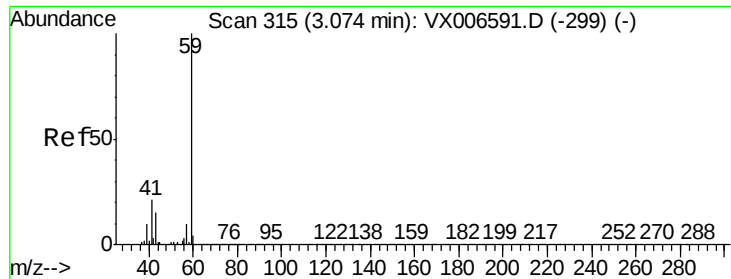


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



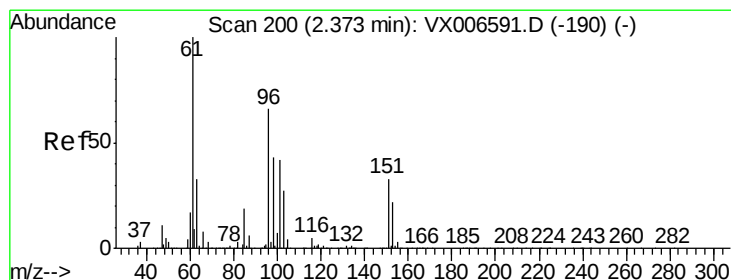
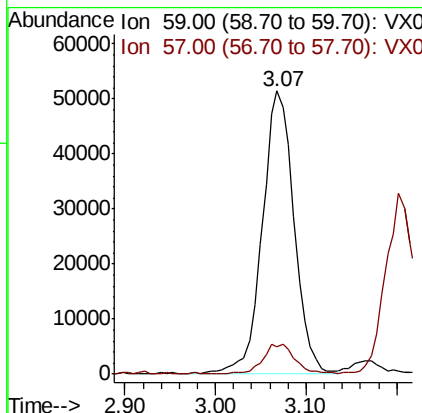
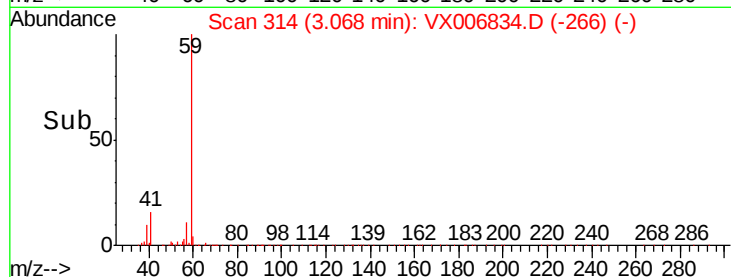
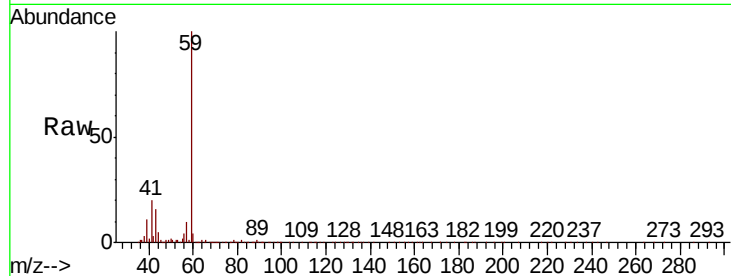


#11

Tert butyl alcohol
Concen: 90.477 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Instrument :
MSVOA_X
ClientSampled :

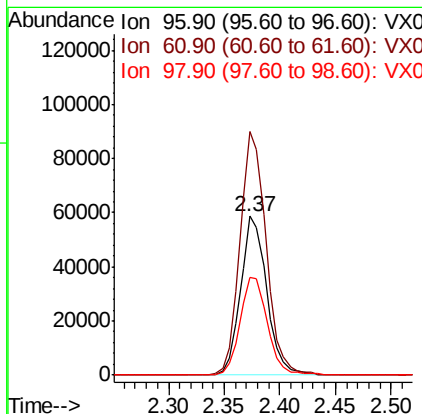
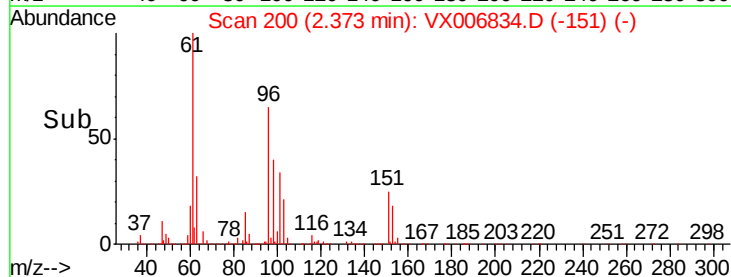
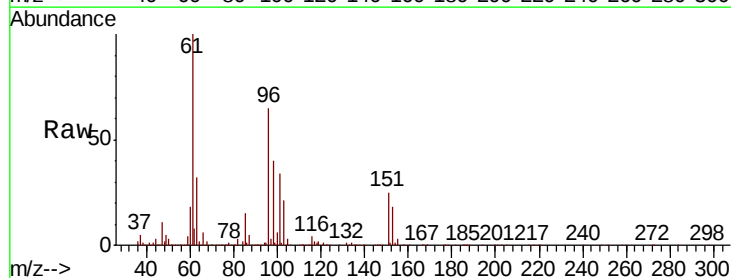
Tot Ion: 59 Resp: 123826
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

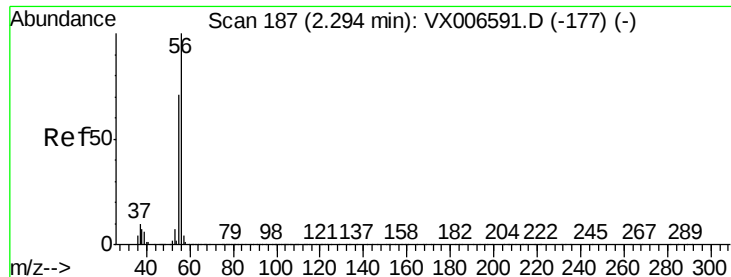


#12

1,1-Dichloroethene
Concen: 18.819 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 96 Resp: 95674
Ion Ratio Lower Upper
96 100
61 152.9 121.4 182.2
98 61.3 51.9 77.9

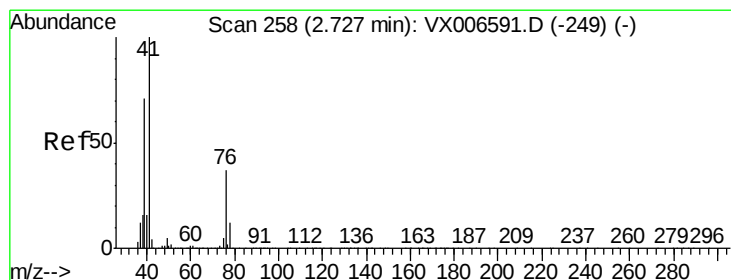
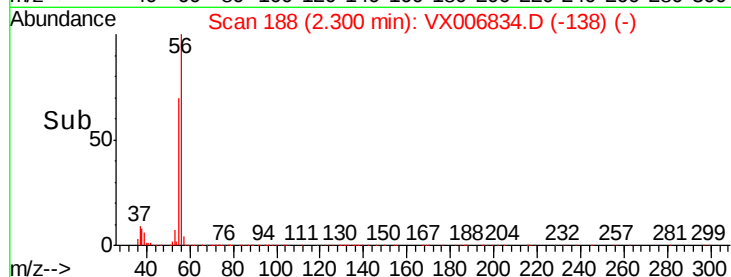
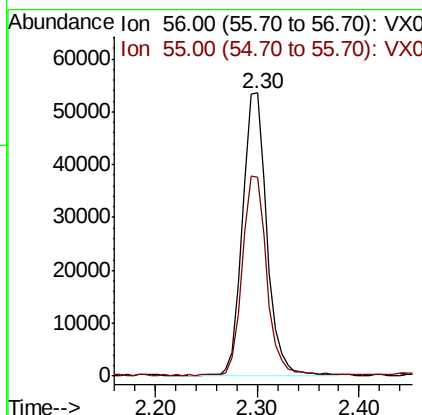
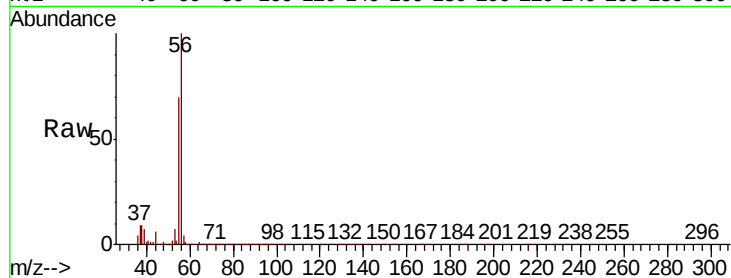




#13
Acrolein
Concen: 95.624 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

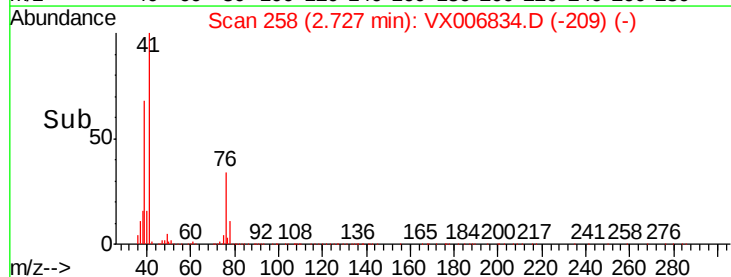
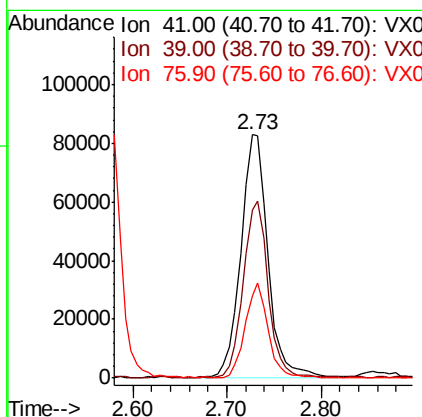
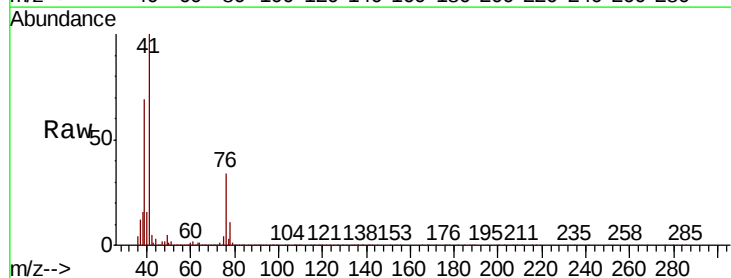
Instrument :
MSVOA_X
ClientSampleId :

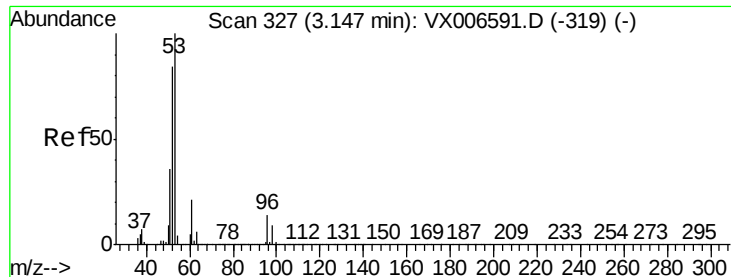
Tot Ion: 56 Resp: 88286
Ion Ratio Lower Upper
56 100
55 72.3 58.2 87.4



#14
Allyl chloride
Concen: 19.270 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 41 Resp: 164900
Ion Ratio Lower Upper
41 100
39 67.0 53.6 80.4
76 33.2 27.4 41.2





#15

Acrylonitrile

Concen: 100.573 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

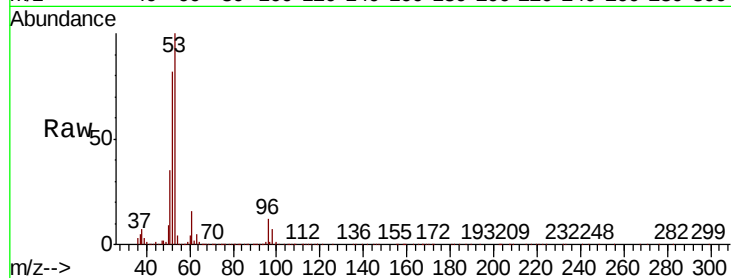
Tot Ion: 53 Resp: 305611

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

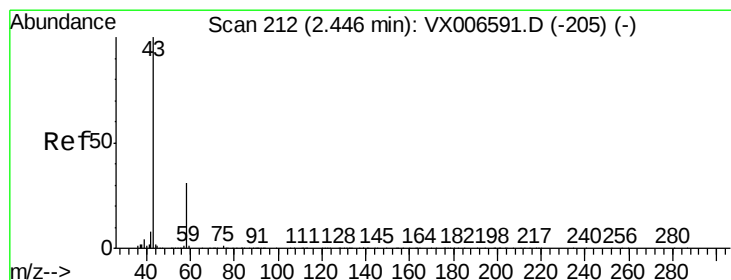
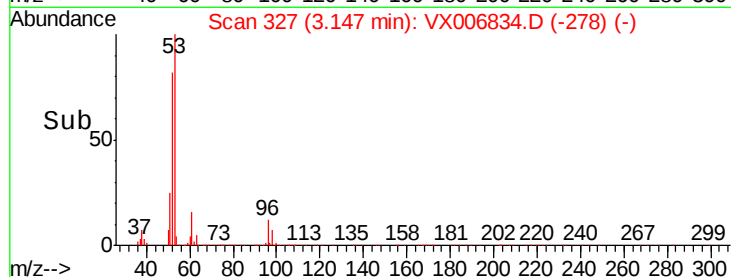
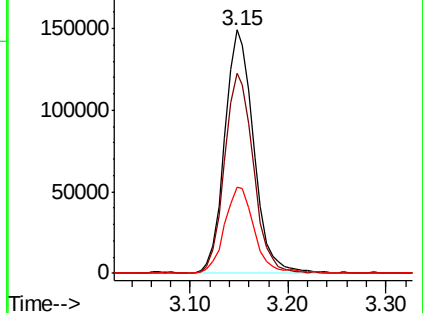
51 36.2 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.609 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006834.D

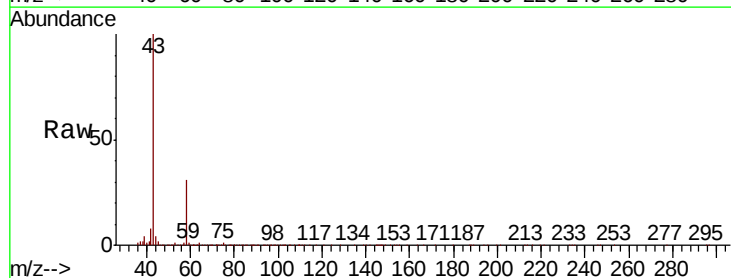
Acq: 27 Dec 2018 11:36

Tgt Ion: 43 Resp: 277823

Ion Ratio Lower Upper

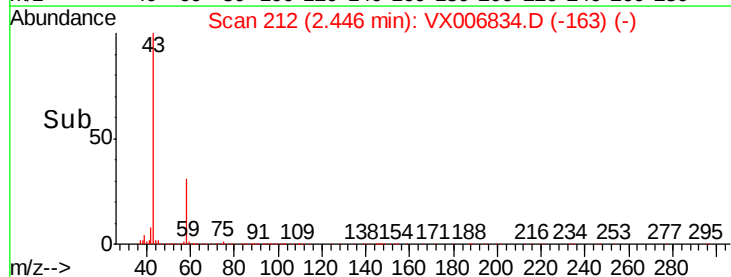
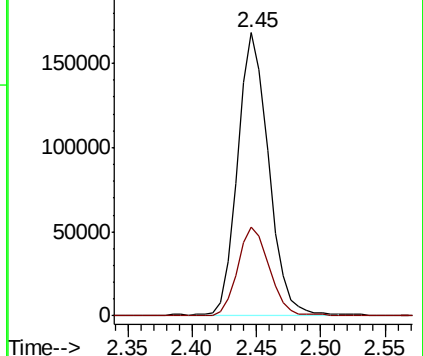
43 100

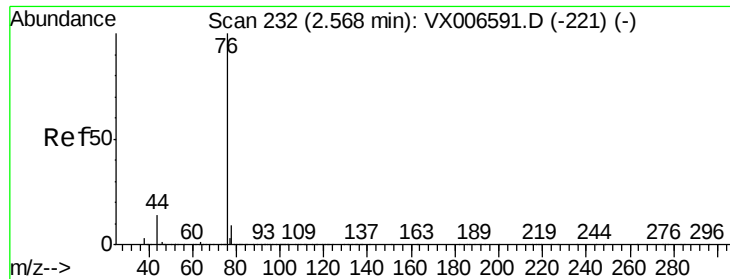
58 31.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

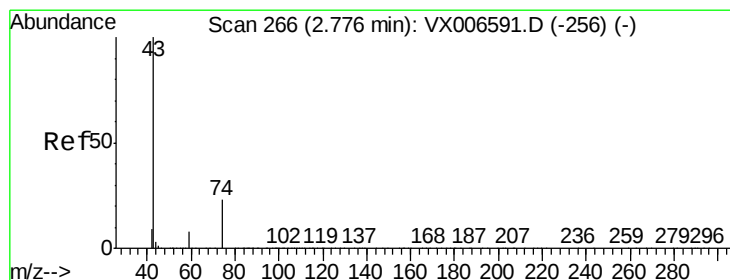
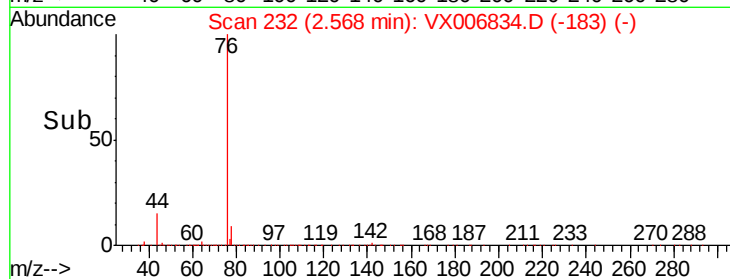
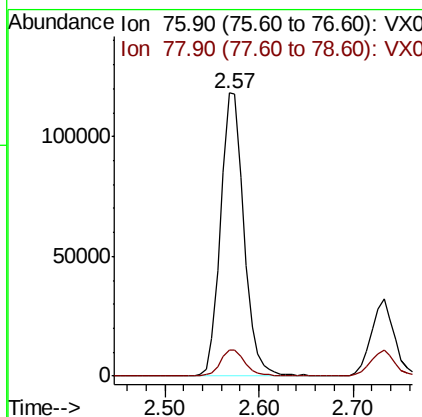
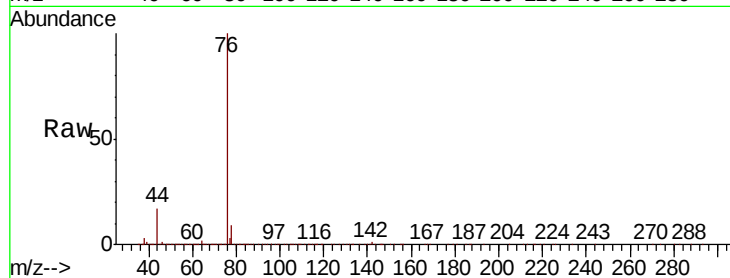




#17
Carbon Disulfide
Concen: 15.115 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

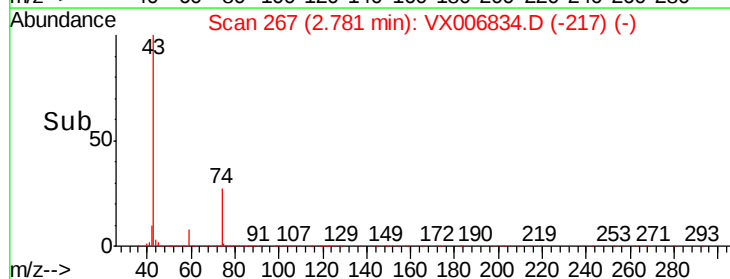
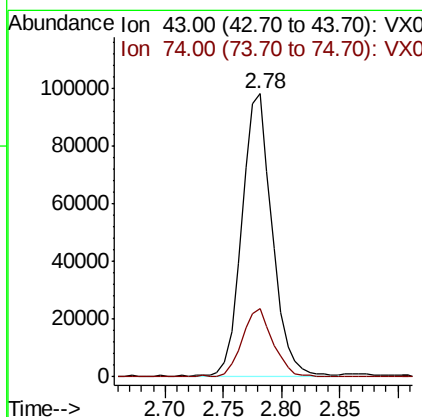
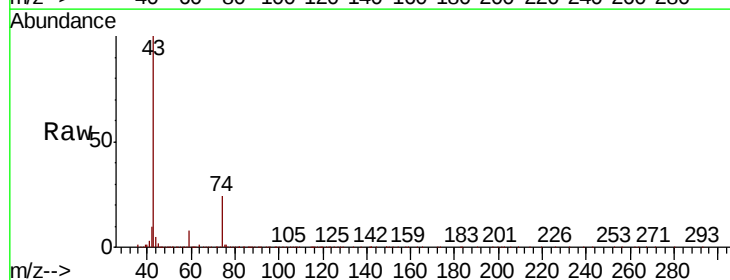
Instrument :
MSVOA_X
ClientSampleId :

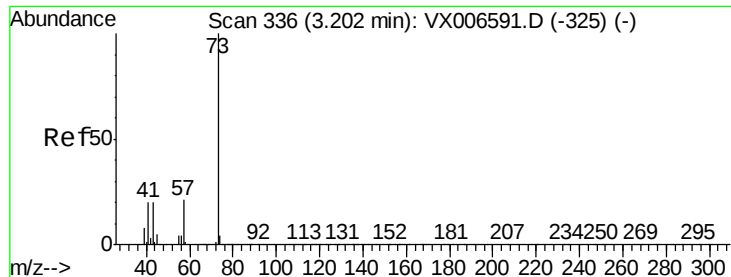
Tot Ion: 76 Resp: 203359
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 21.353 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 43 Resp: 176900
Ion Ratio Lower Upper
43 100
74 25.5 18.6 28.0

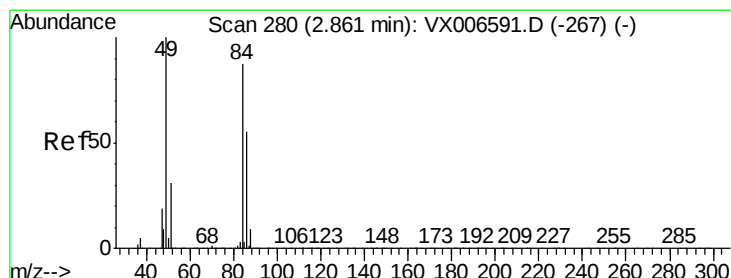
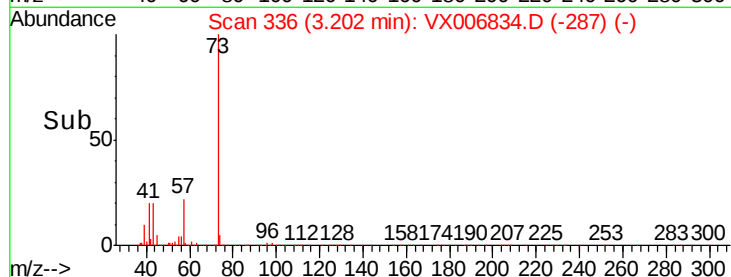
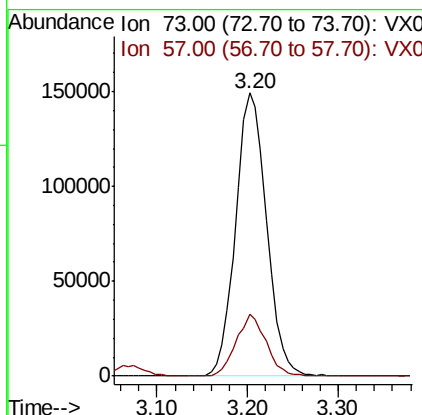
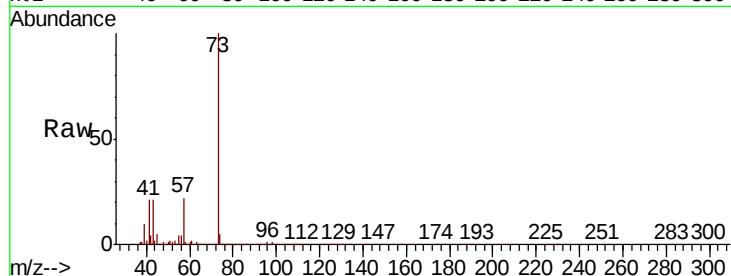




#19
Methvl tert-butvl Ether
Concen: 20.835 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

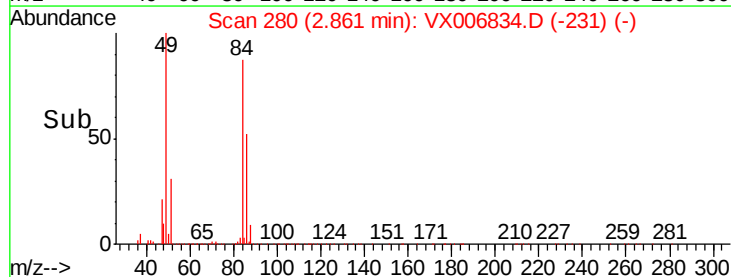
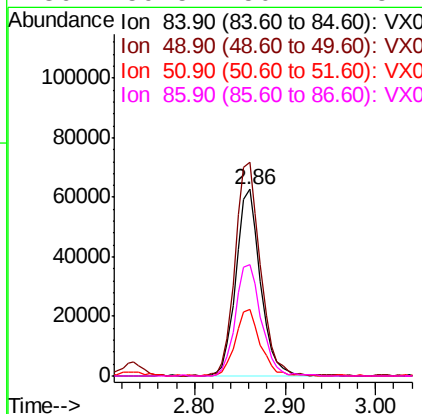
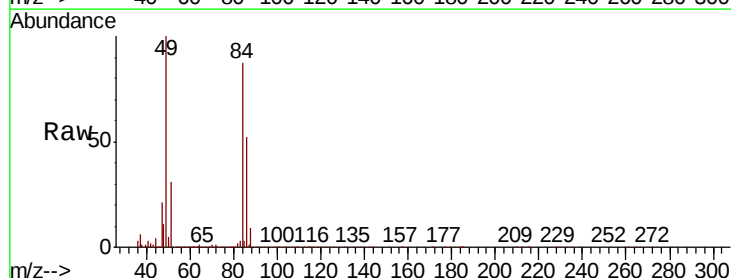
Instrument :
MSVOA_X
ClientSampleId :

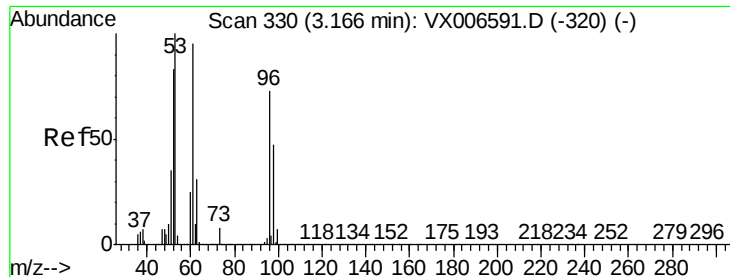
Tot Ion: 73 Resp: 351550
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 20.166 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 84 Resp: 117487
Ion Ratio Lower Upper
84 100
49 114.3 91.8 137.6
51 34.8 28.5 42.7
86 59.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.049 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

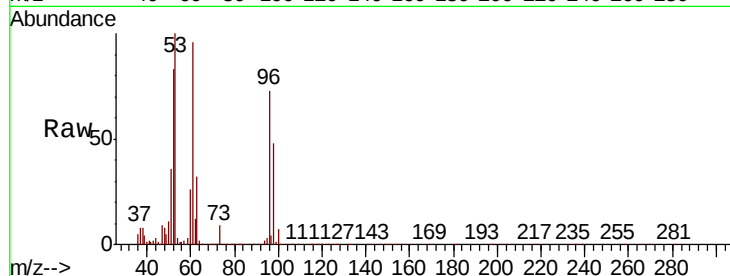
Tot Ion: 96 Resp: 101670

Ion Ratio Lower Upper

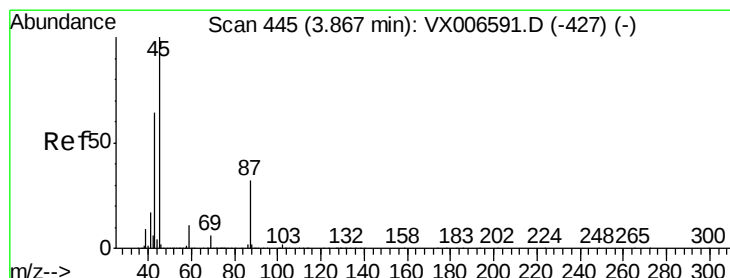
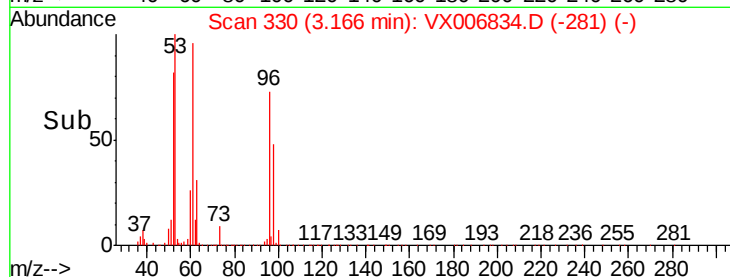
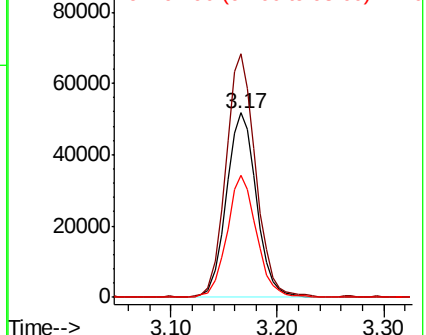
96 100

61 132.1 103.7 155.5

98 66.3 51.0 76.6



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



#22

Diisopropyl ether

Concen: 21.074 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Tgt Ion: 45 Resp: 329919

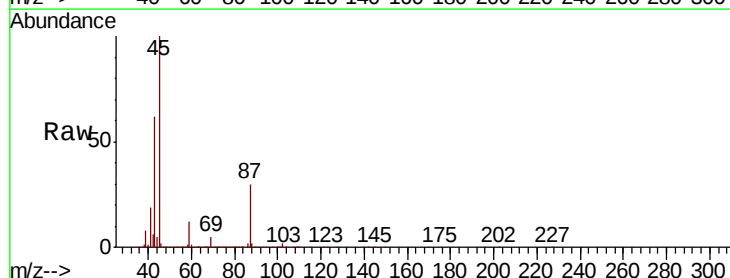
Ion Ratio Lower Upper

45 100

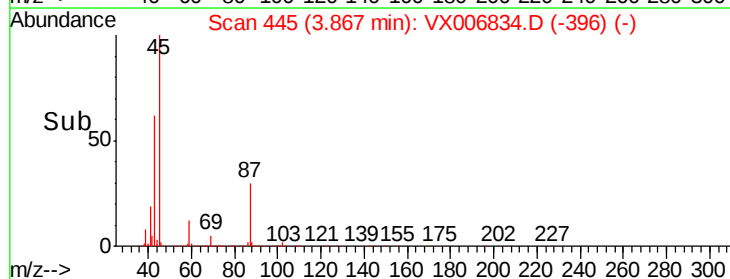
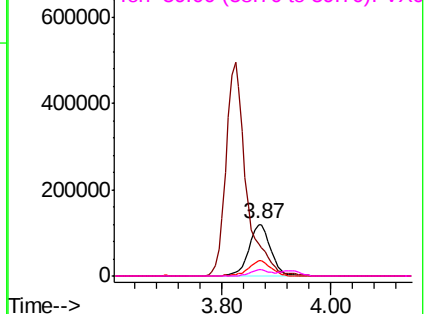
43 62.3 51.2 76.8

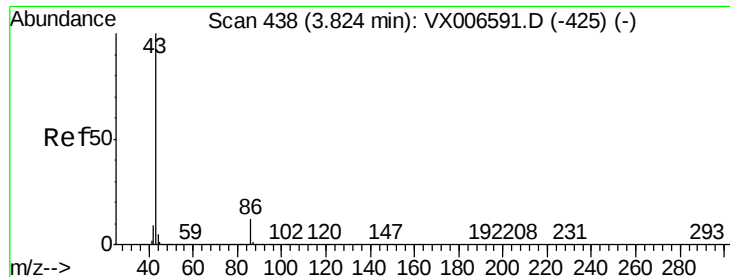
87 30.2 25.8 38.6

59 12.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.099 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

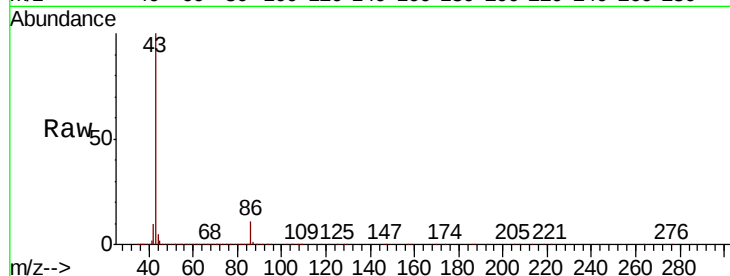
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1281799

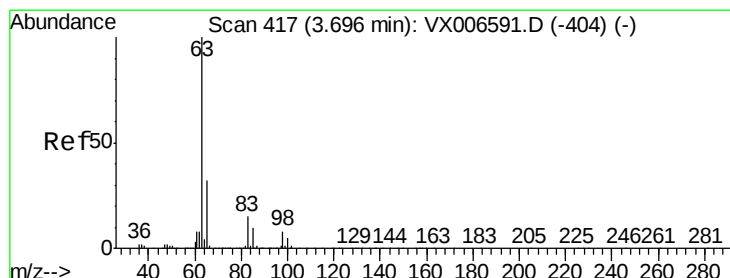
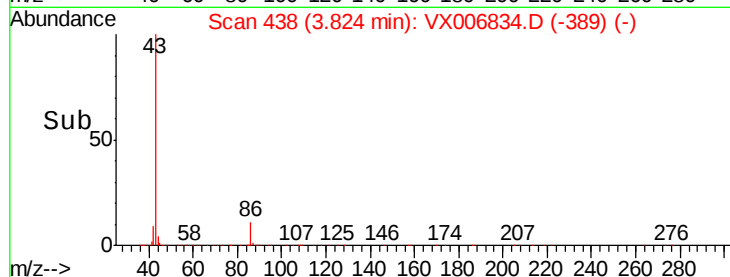
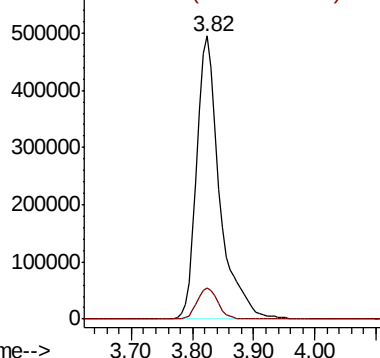
Ion Ratio Lower Upper

43 100

86 10.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.065 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

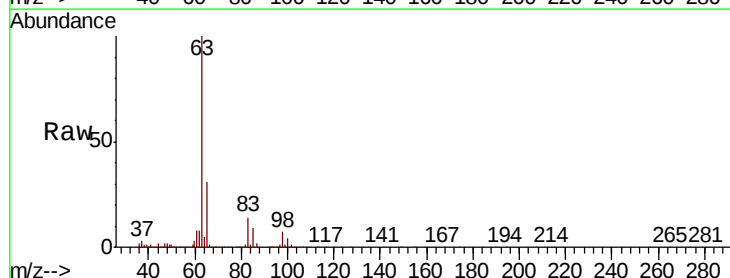
Tgt Ion: 63 Resp: 178171

Ion Ratio Lower Upper

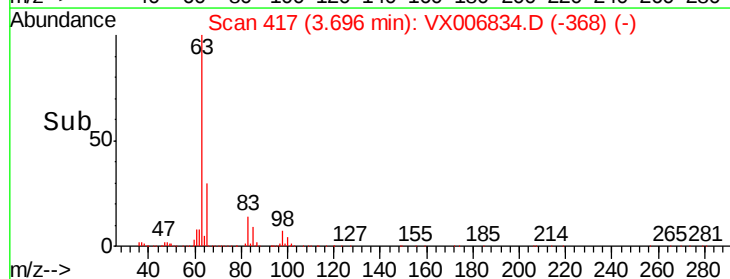
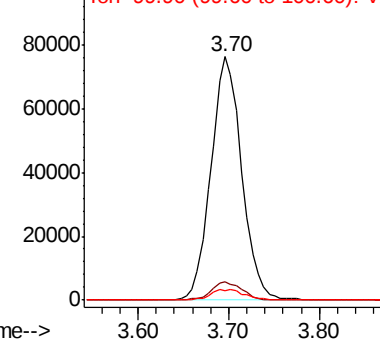
63 100

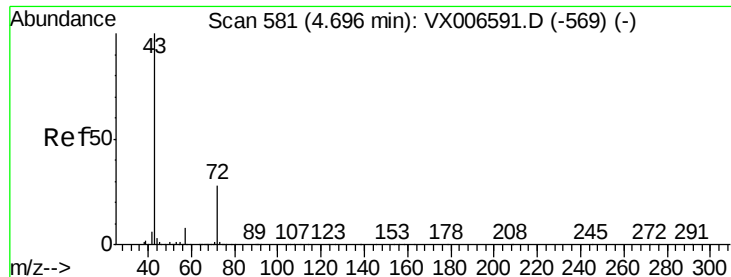
98 7.4 3.9 11.5

100 4.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.818 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

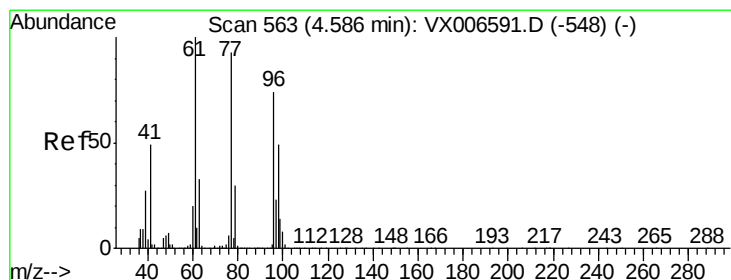
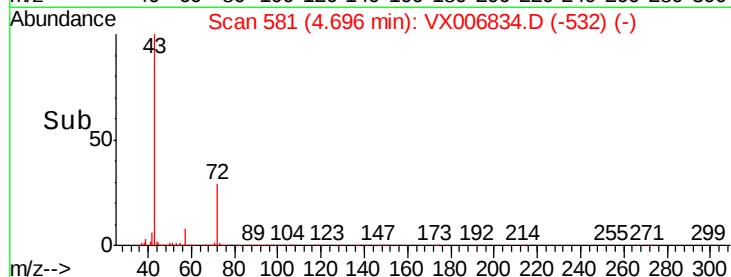
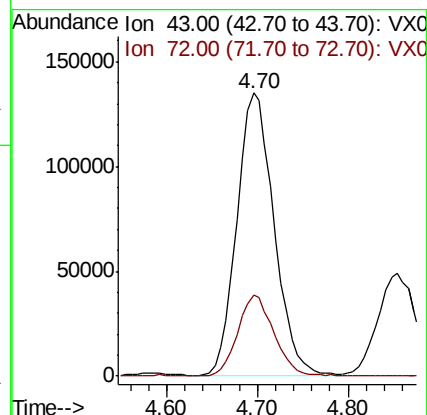
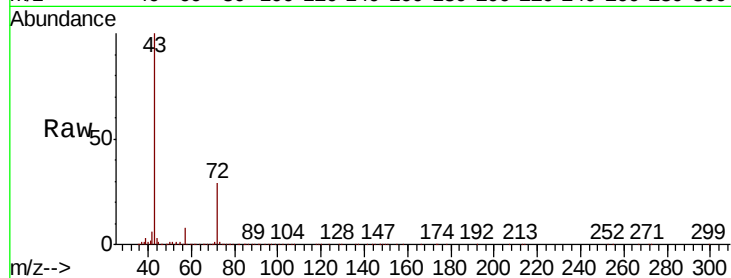
ClientSampleId :

Tot Ion: 43 Resp: 383694

Ion Ratio Lower Upper

43 100

72 28.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.767 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006834.D

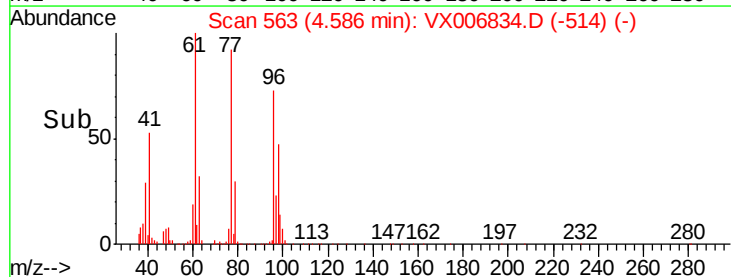
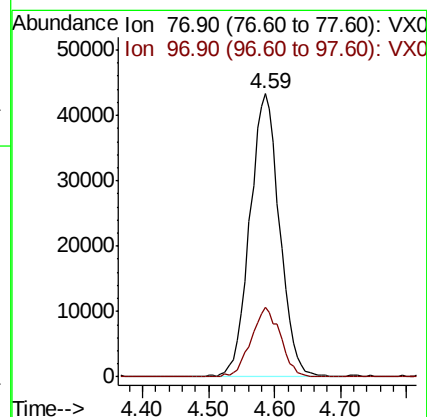
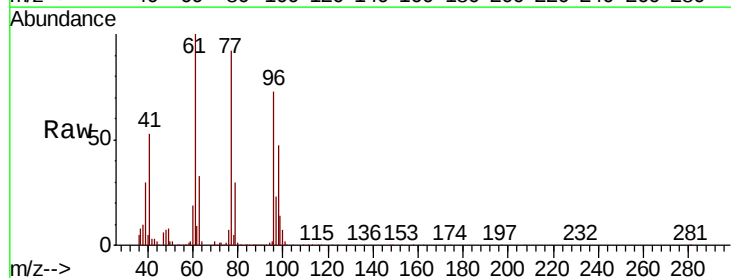
Acq: 27 Dec 2018 11:36

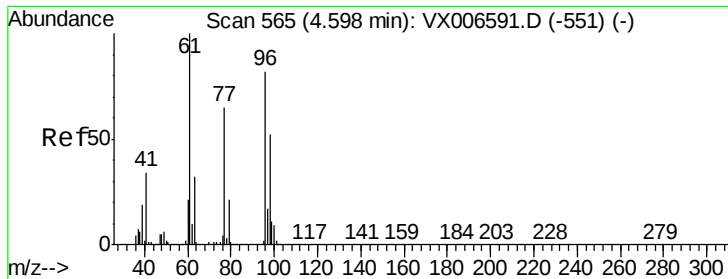
Tgt Ion: 77 Resp: 135481

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.4



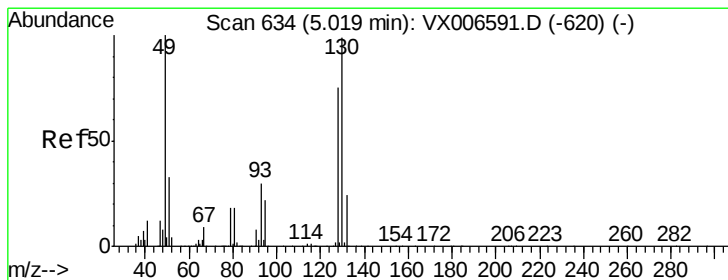
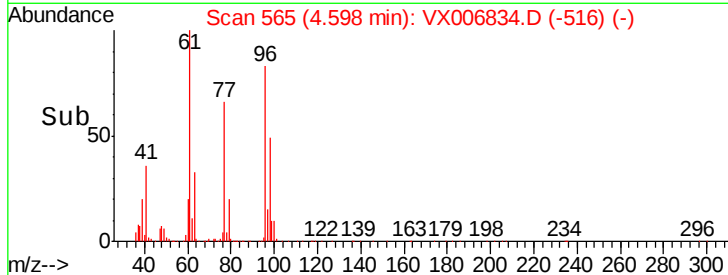
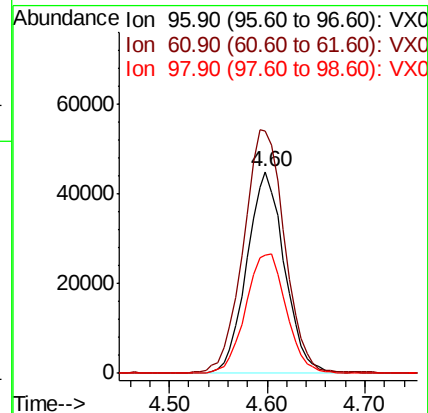
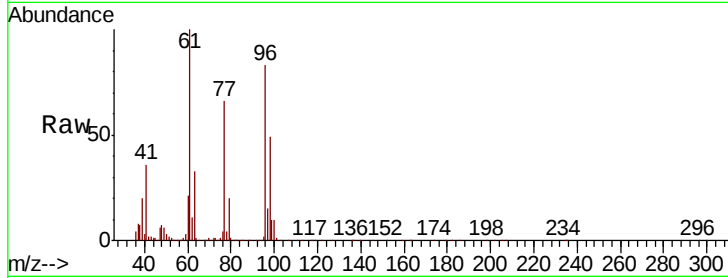


#27

cis-1,2-Dichloroethene
 Concen: 19.329 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

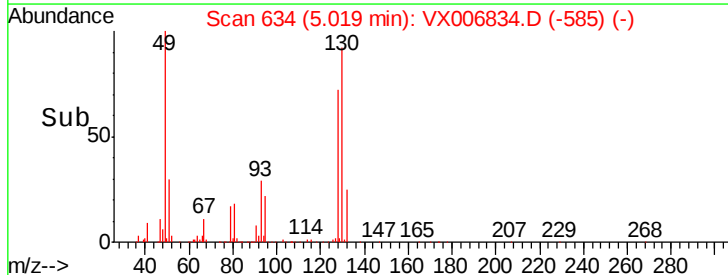
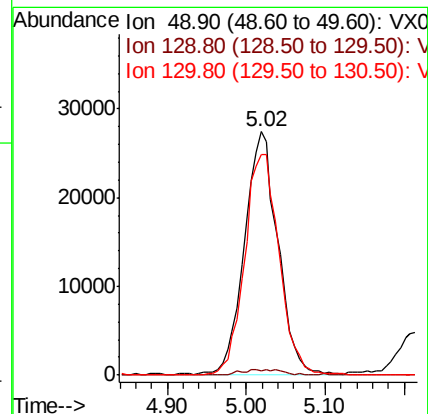
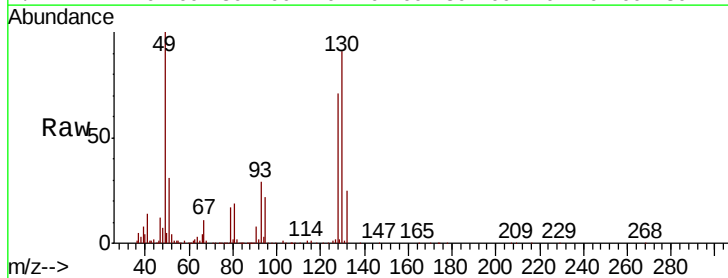
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	258.6
98	64.1	0.0	132.0

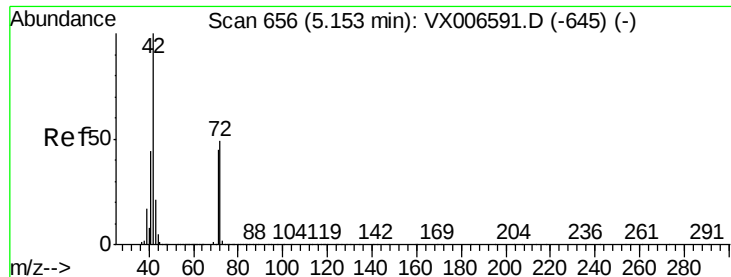


#28

Bromochloromethane
 Concen: 19.325 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.4
130	93.8	77.7	116.5

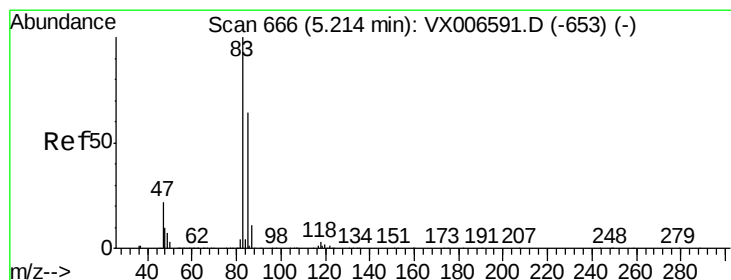
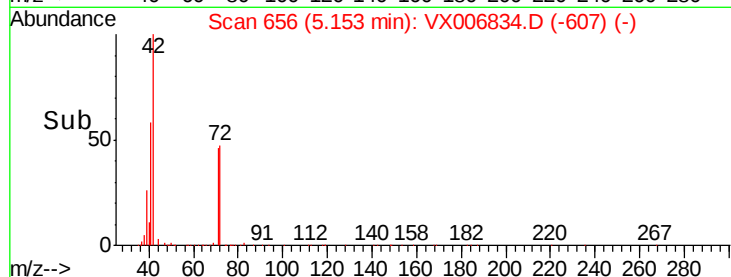
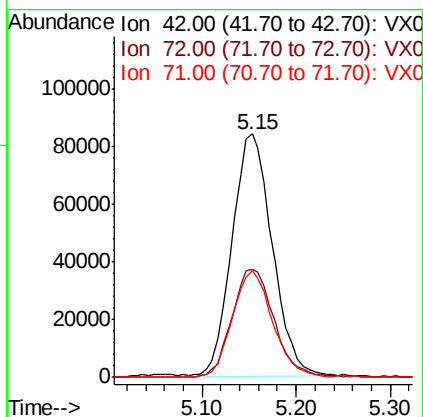
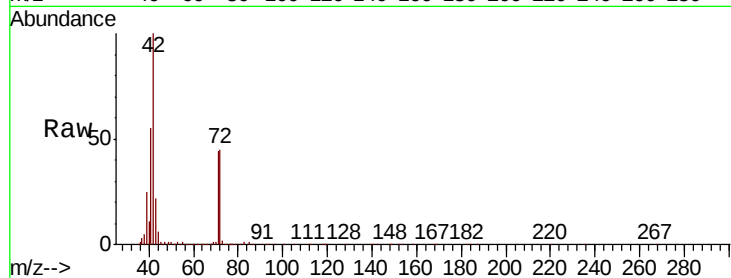




#29
Tetrahydrofuran
Concen: 95.720 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

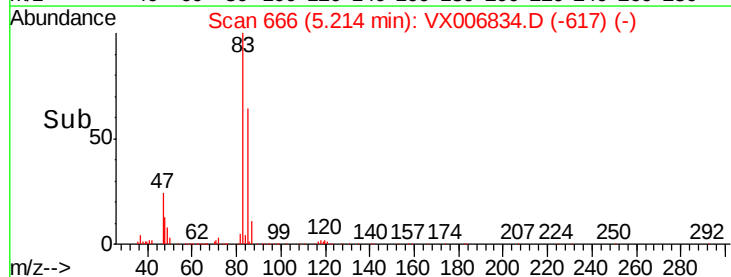
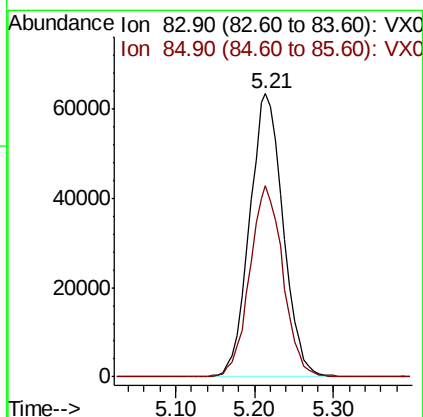
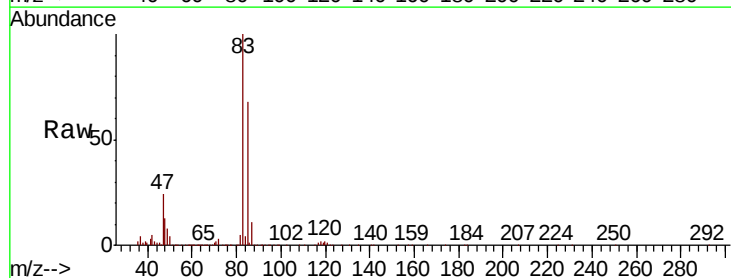
Instrument :
MSVOA_X
ClientSampleId :

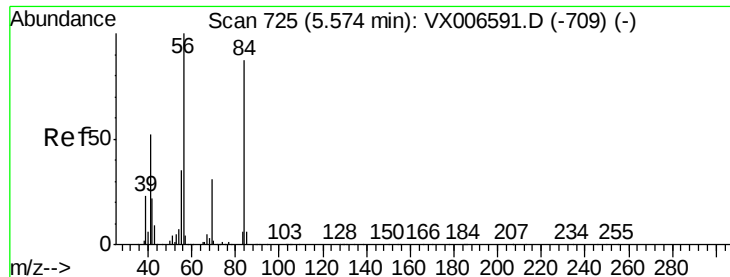
Tot Ion: 42 Resp: 249849
Ion Ratio Lower Upper
42 100
72 46.3 38.9 58.3
71 44.1 36.2 54.4



#30
Chloroform
Concen: 19.404 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 83 Resp: 187788
Ion Ratio Lower Upper
83 100
85 67.7 51.2 76.8

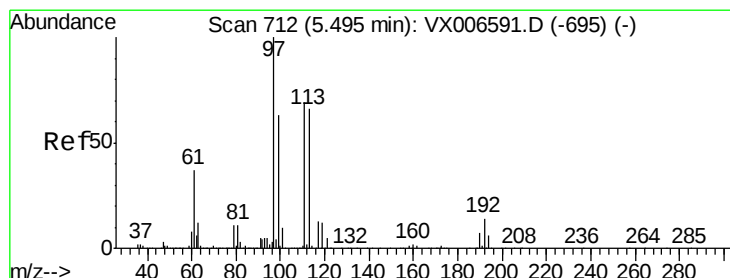
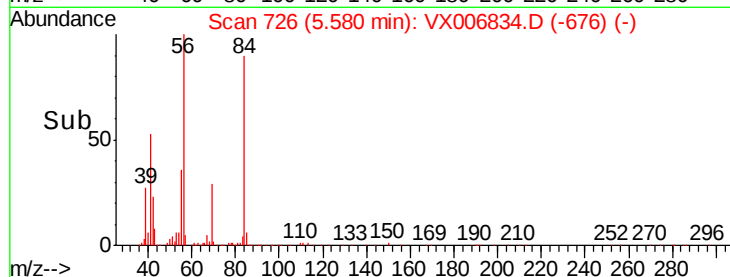
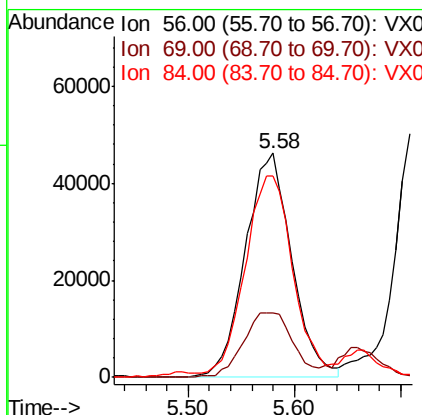
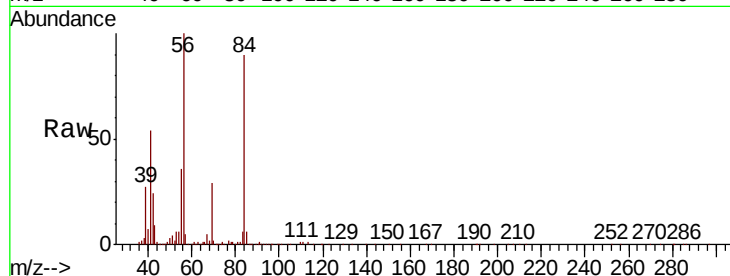




#31
Cyclohexane
Concen: 16.592 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

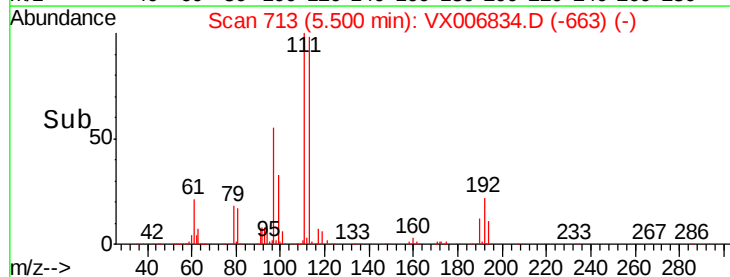
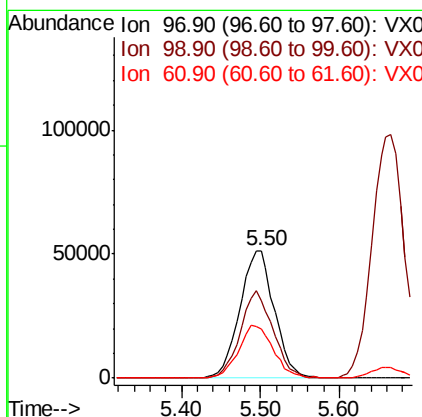
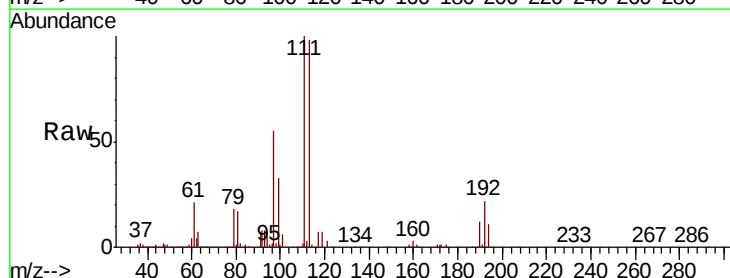
Instrument :
MSVOA_X
ClientSampleId :

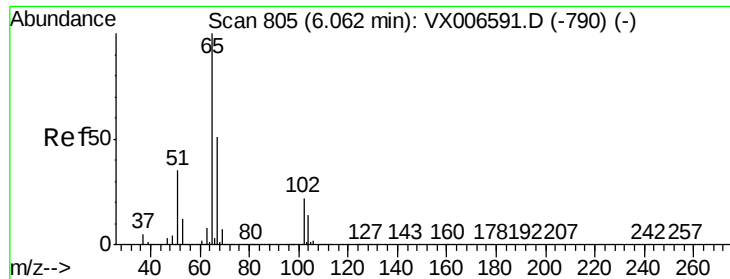
Tot Ion: 56 Resp: 140864
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 87.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.078 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 97 Resp: 155896
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 42.0 31.3 46.9

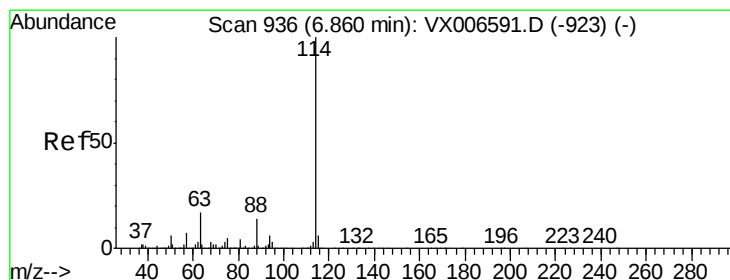
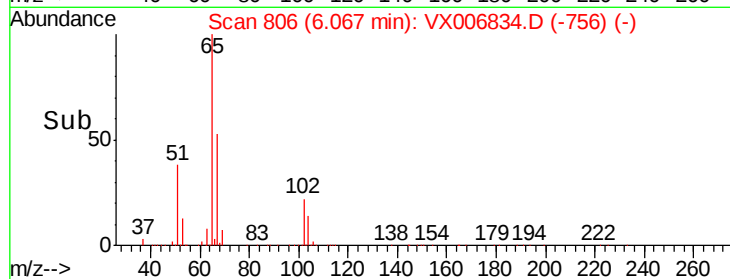
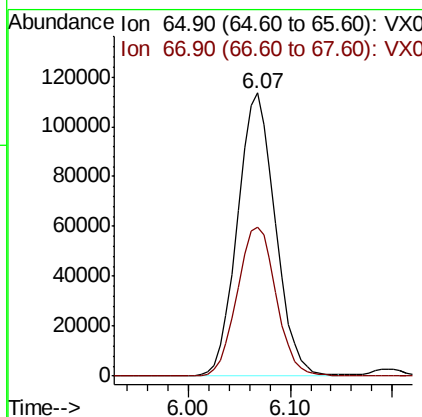
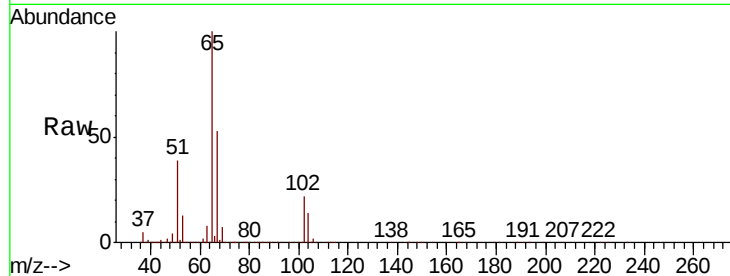




#33
 1,2-Dichloroethane-d4
 Concen: 47.704 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

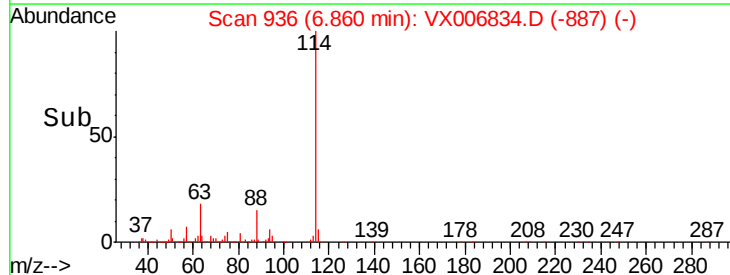
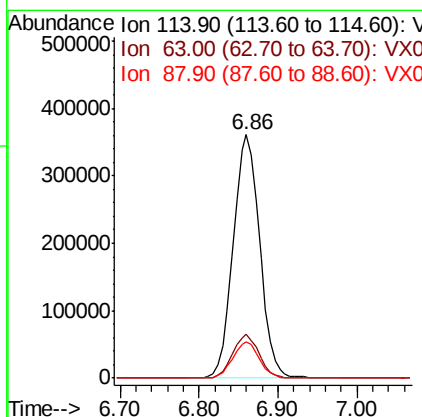
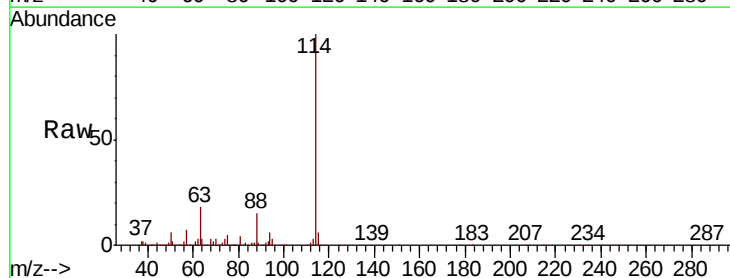
Instrument :
 MSVOA_X
 ClientSampleId :

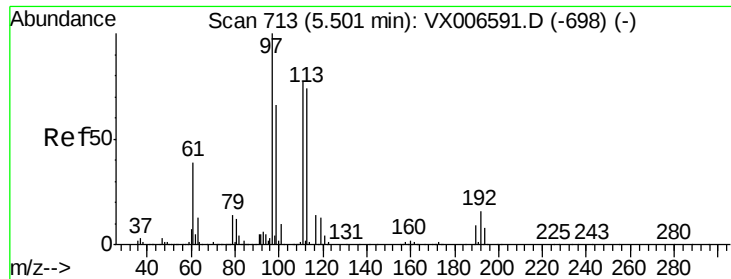
Tot Ion: 65 Resp: 292544
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion: 114 Resp: 844752
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.278 ug/l

RT: 5.50 min Scan# 713

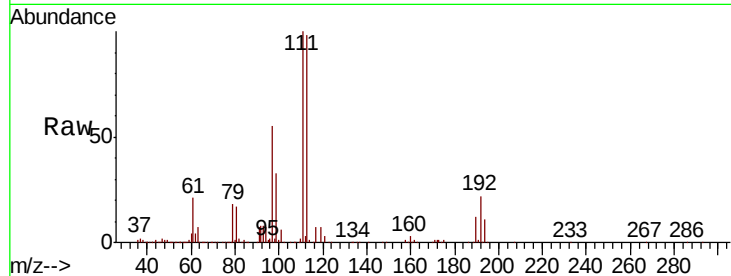
Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	22.4	16.7	25.1

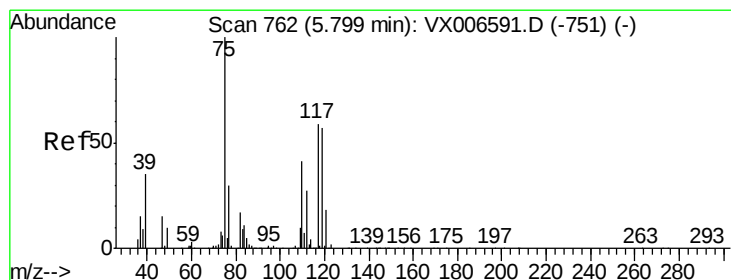
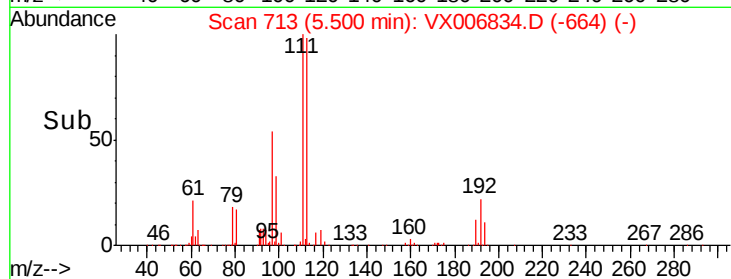
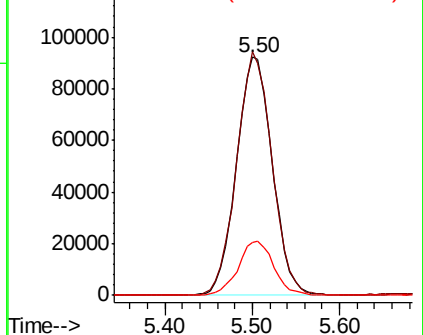


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.839 ug/l

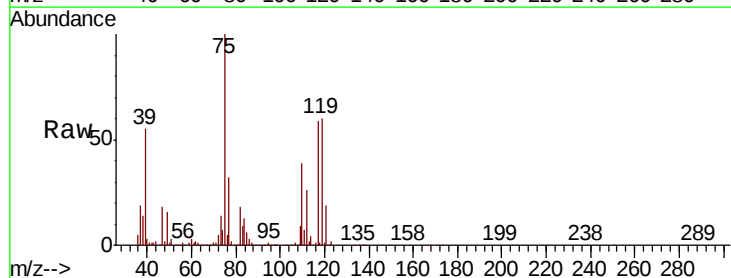
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.2	60.5
77	31.9	24.8	37.2

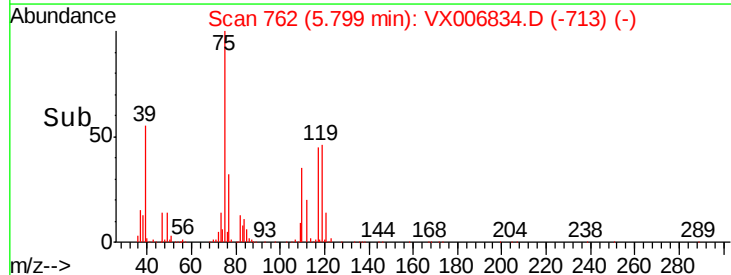
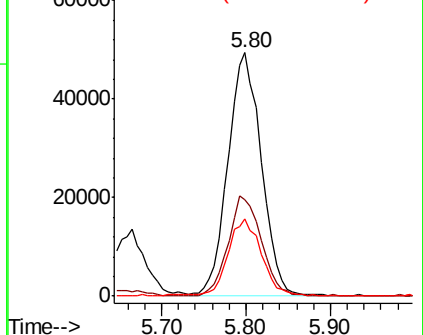


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

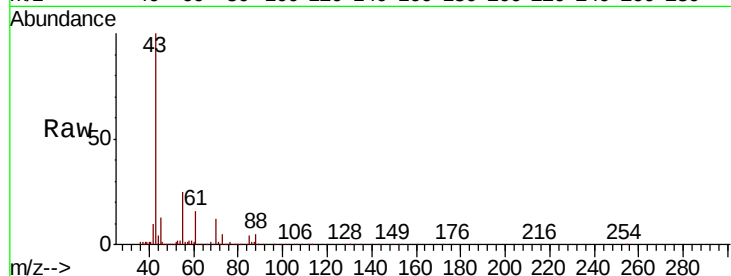




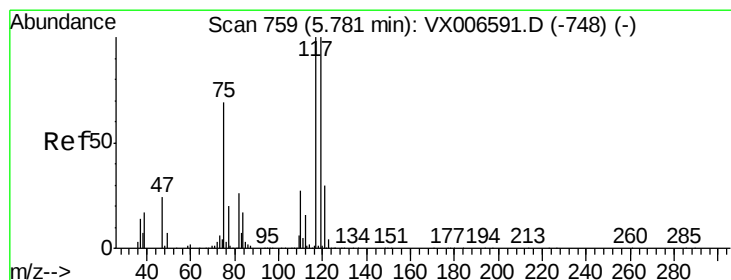
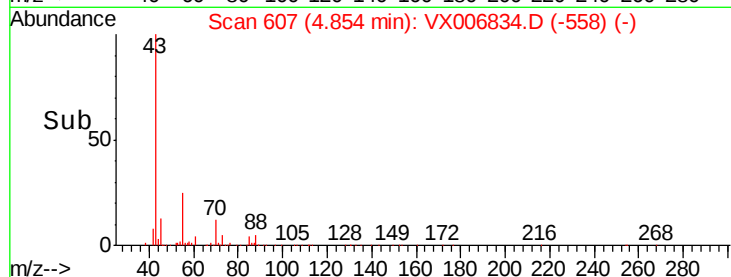
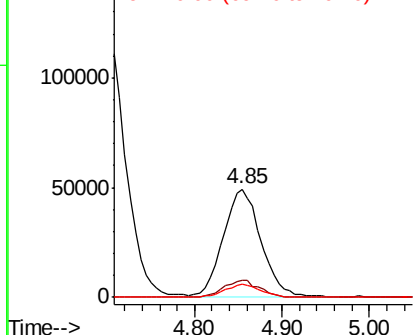
#37
Ethyl Acetate
Concen: 19.960 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	12.3	9.7	14.5

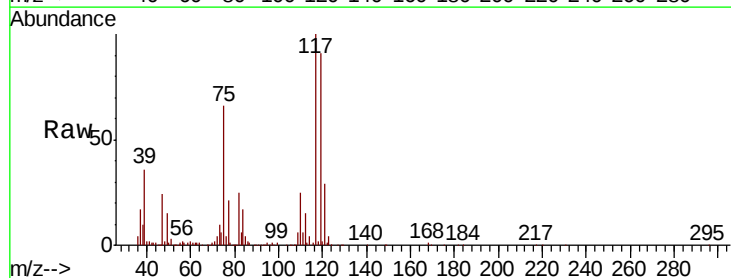


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

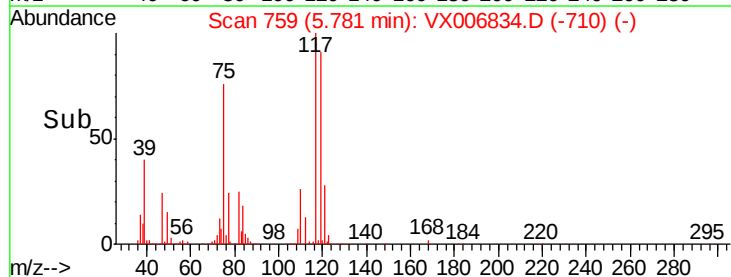
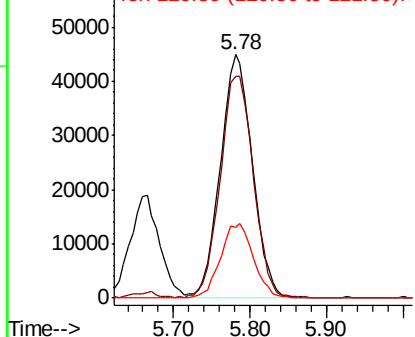


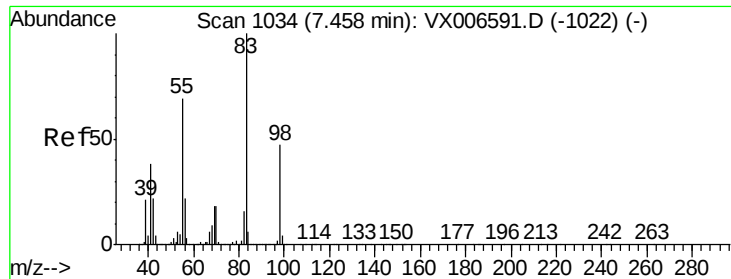
#38
Carbon Tetrachloride
Concen: 19.098 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	79.4	119.2
121	29.2	24.0	36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

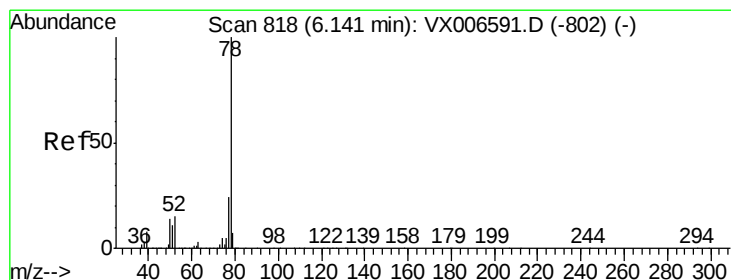
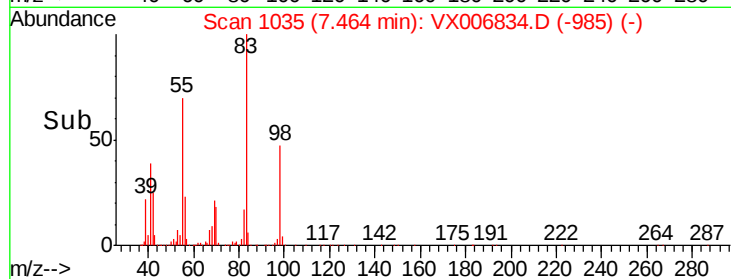
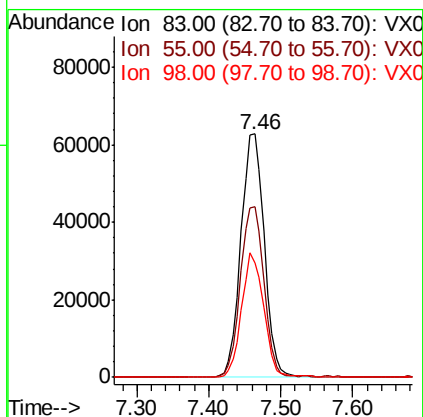
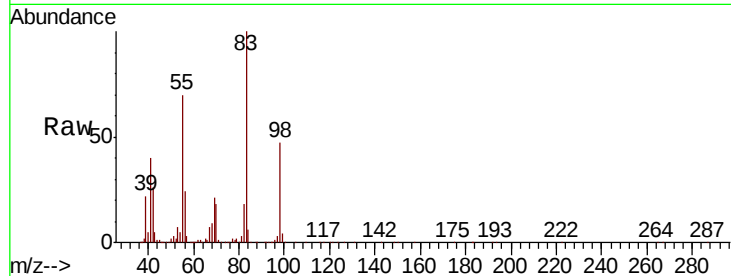




#39
Methvlcvclohexane
Concen: 15.421 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

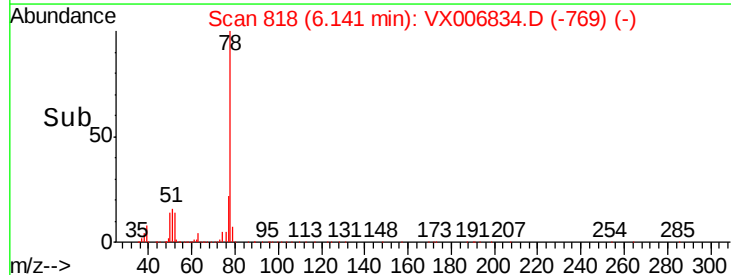
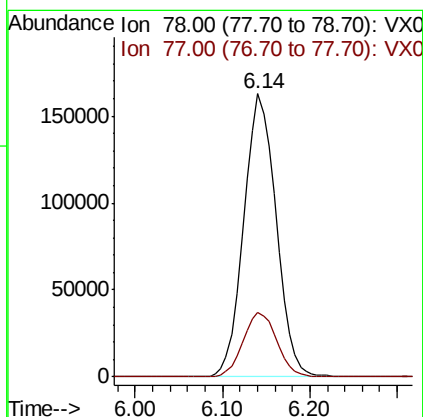
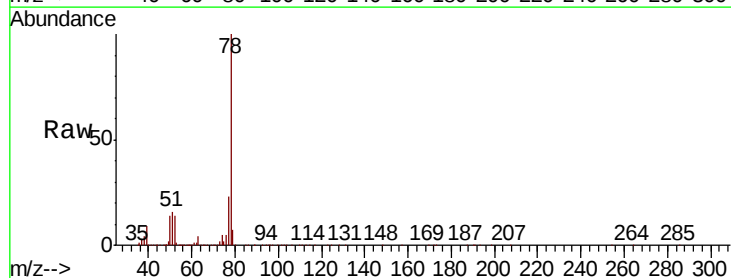
Instrument :
MSVOA_X
ClientSampleId :

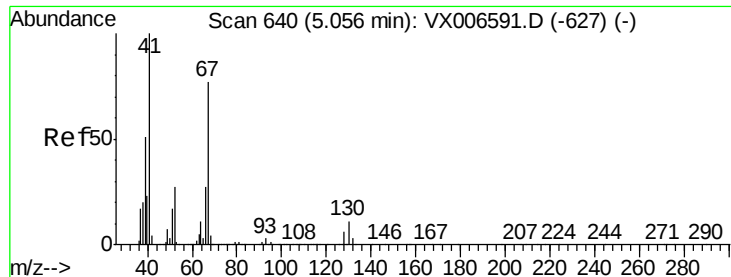
Tot Ion: 83 Resp: 142040
Ion Ratio Lower Upper
83 100
55 69.9 54.9 82.3
98 46.9 37.9 56.9



#40
Benzene
Concen: 19.742 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 78 Resp: 419863
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8





#41

Methacrylonitrile

Concen: 21.579 ug/l

RT: 5.06 min Scan# 641

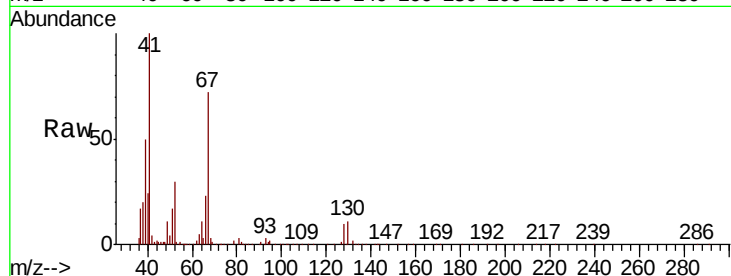
Delta R.T. 0.01 min

Lab File: VX006834.D

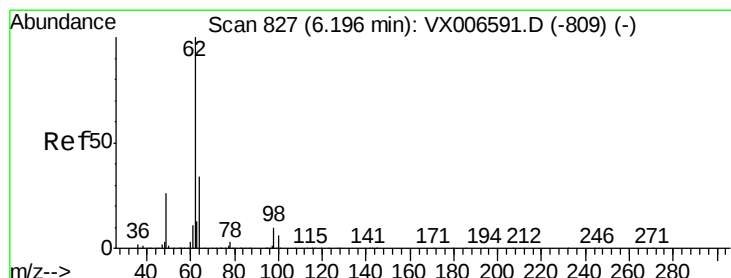
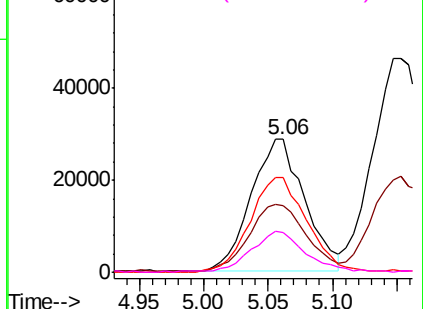
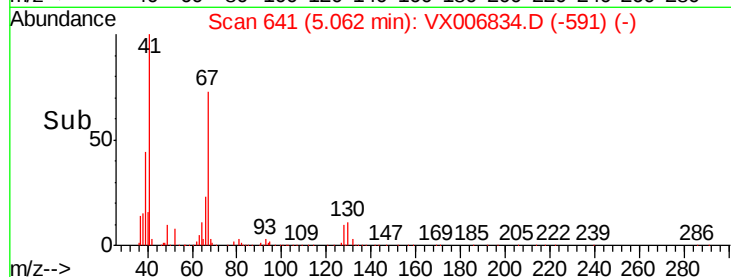
Acq: 27 Dec 2018 11:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	83427
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.8	64.2
67	75.5	62.1	93.1
52	30.9	23.4	35.0



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: 19.976 ug/l

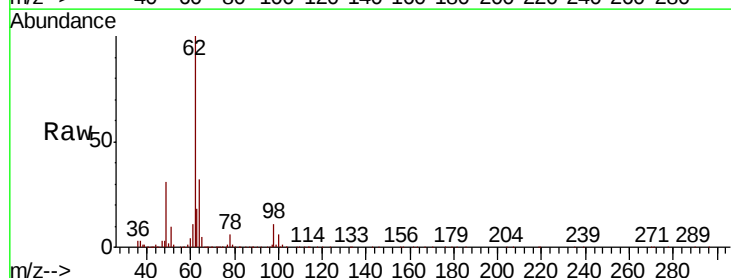
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

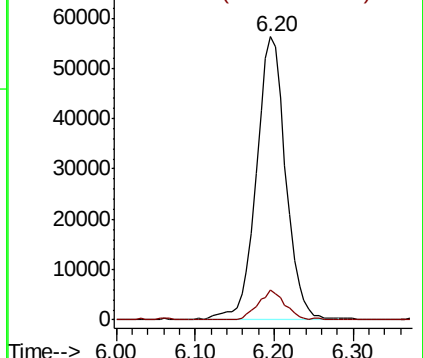
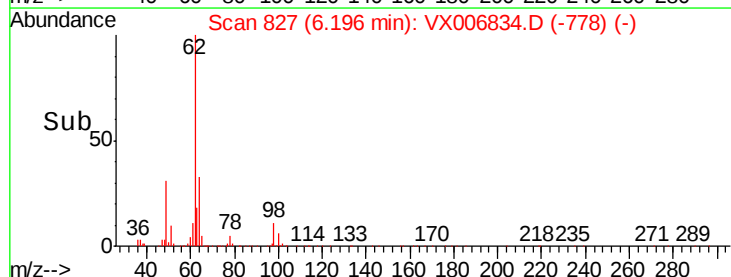
Lab File: VX006834.D

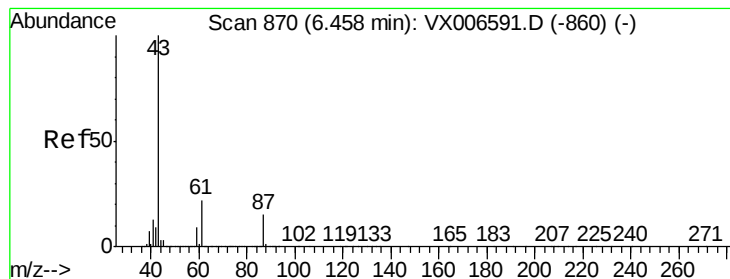
Acq: 27 Dec 2018 11:36

Tgt Ion:	62	Resp:	144761
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 21.152 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

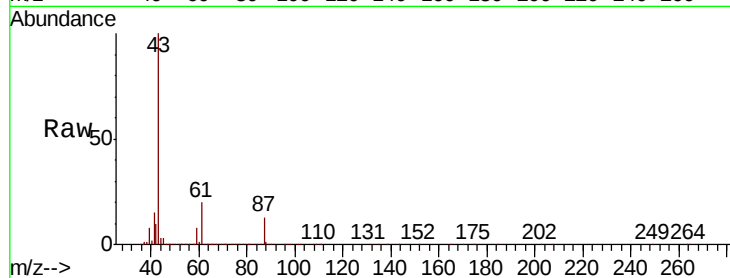
Tot Ion: 43 Resp: 234367

Ion Ratio Lower Upper

43 100

61 20.5 16.8 25.2

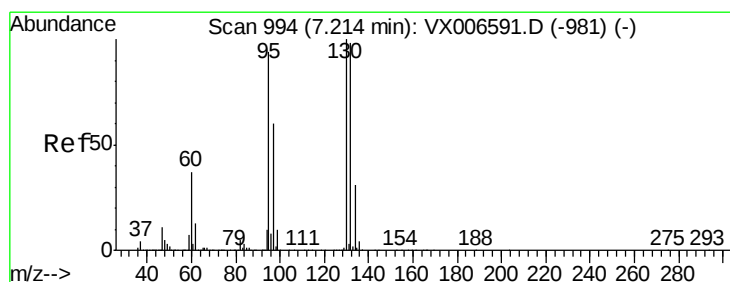
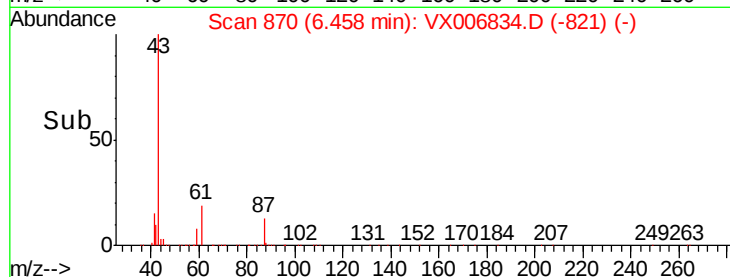
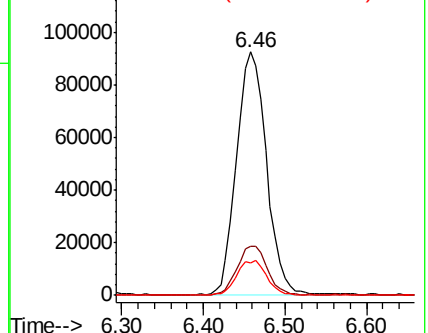
87 14.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.196 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006834.D

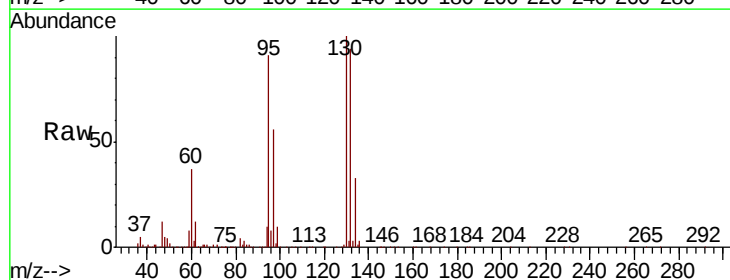
Acq: 27 Dec 2018 11:36

Tgt Ion:130 Resp: 123561

Ion Ratio Lower Upper

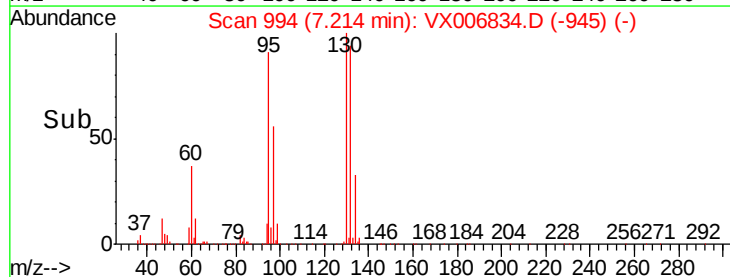
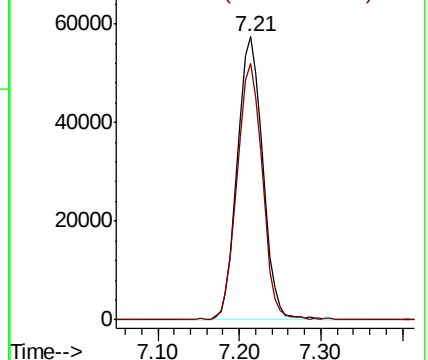
130 100

95 90.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.988 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

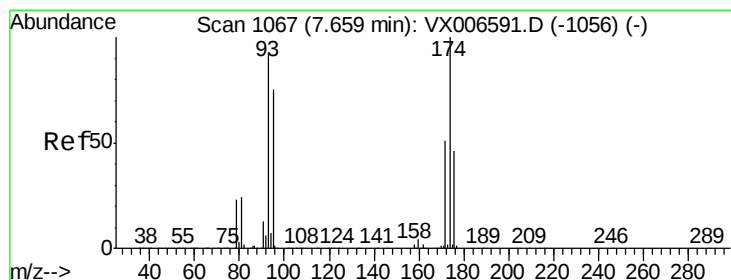
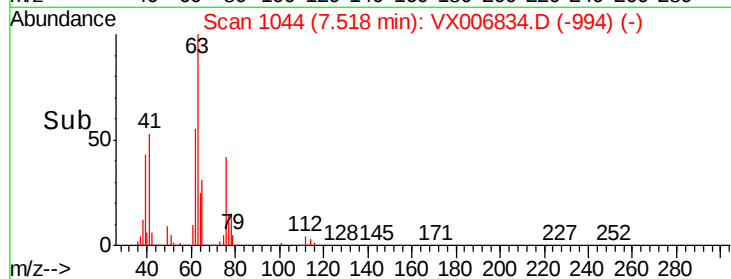
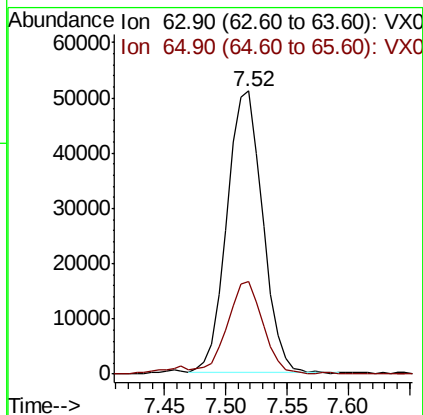
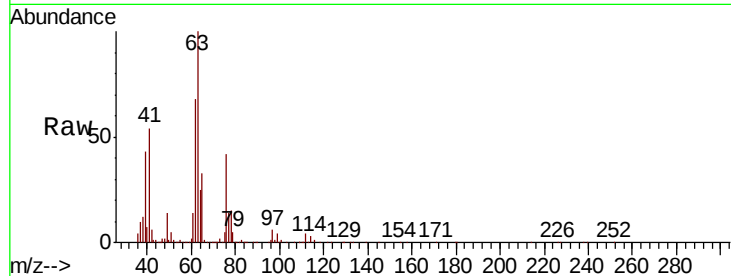
ClientSampled :

Tot Ion: 63 Resp: 103444

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.0



#46

Dibromomethane

Concen: 19.590 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

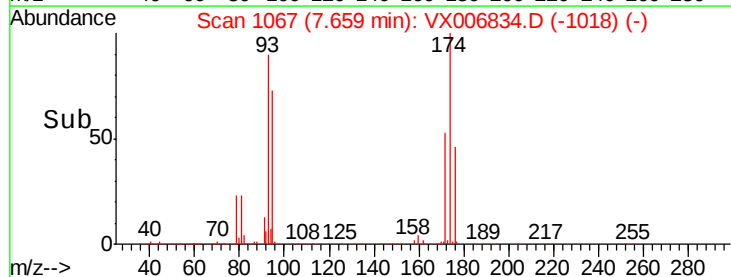
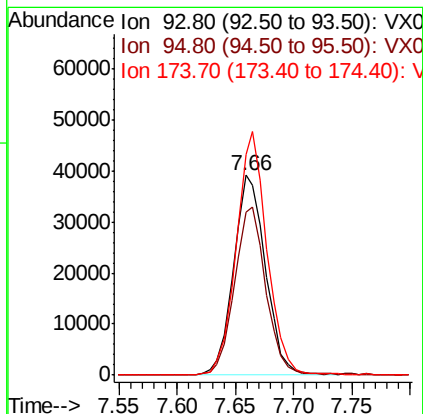
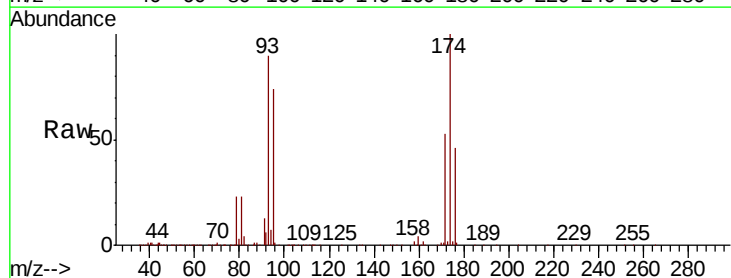
Tgt Ion: 93 Resp: 74572

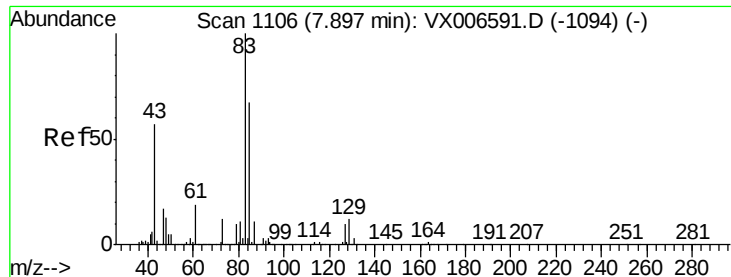
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 117.4 91.0 136.4





#47

Bromodichloromethane

Concen: 19.998 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :
MSVOA_X
ClientSampleId :

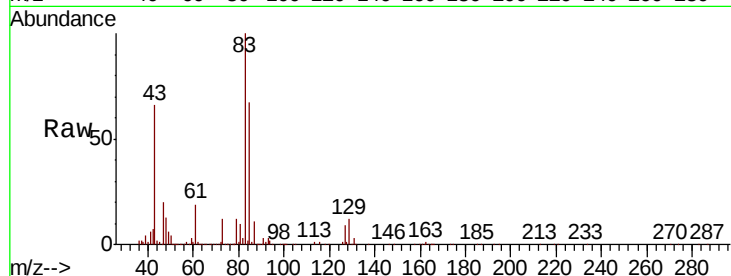
Tot Ion: 83 Resp: 126386

Ion Ratio Lower Upper

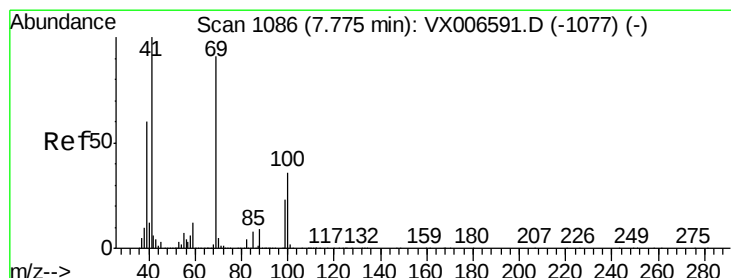
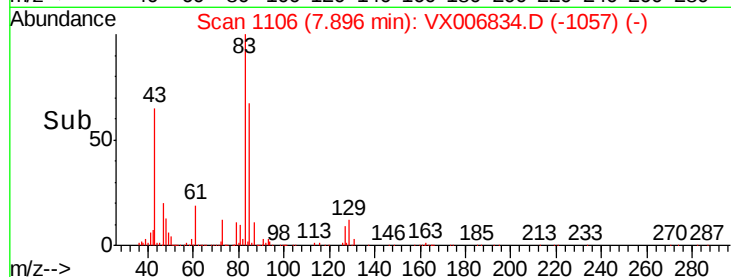
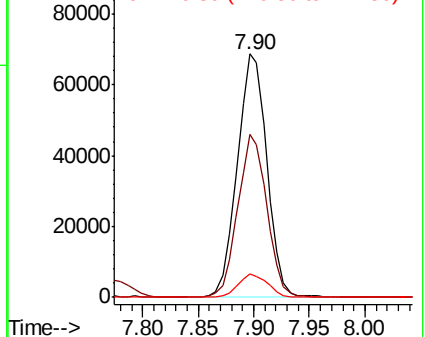
83 100

85 67.1 53.2 79.8

127 9.4 7.8 11.6



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: 21.245 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

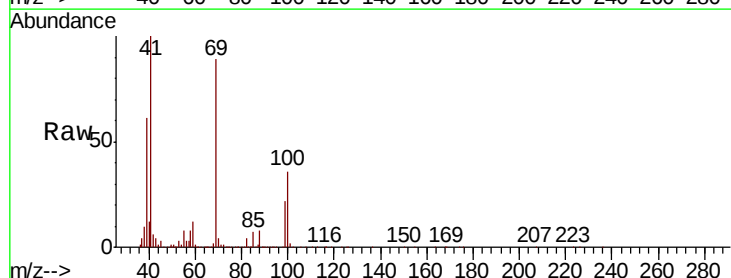
Tgt Ion: 41 Resp: 119706

Ion Ratio Lower Upper

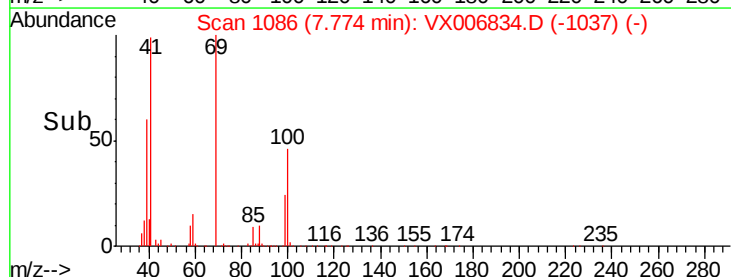
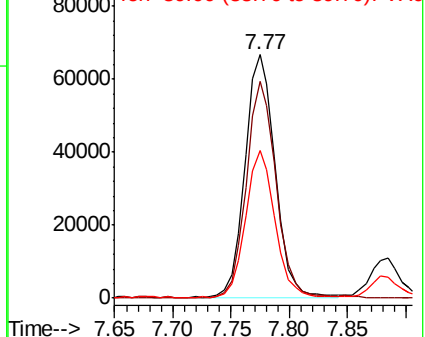
41 100

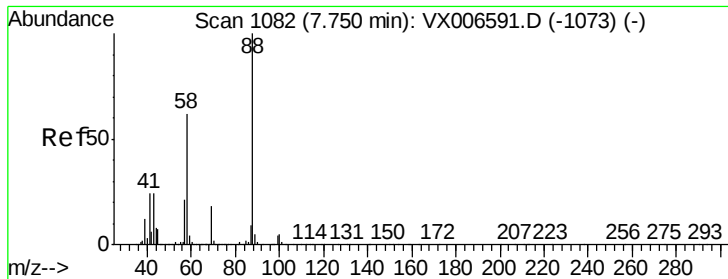
69 88.6 72.4 108.6

39 59.0 45.8 68.8



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

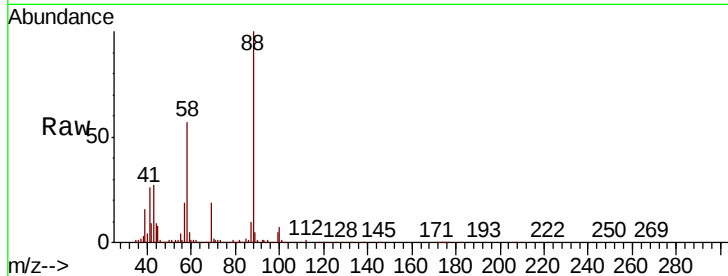




#49
 1,4-Dioxane
 Concen: 318.675 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	88	Resp	48977
Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.2	33.4
58	64.9	51.0	76.4

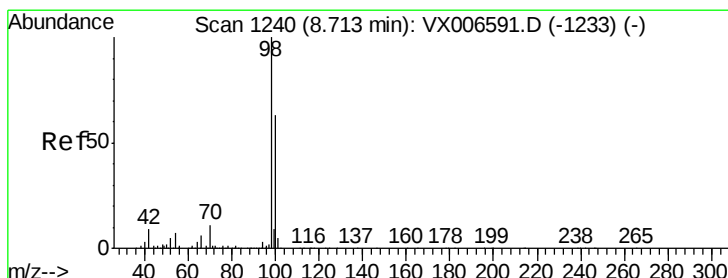
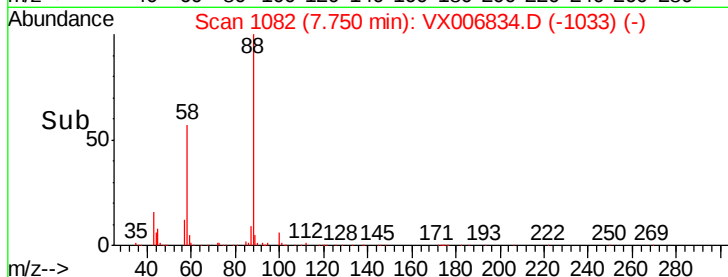
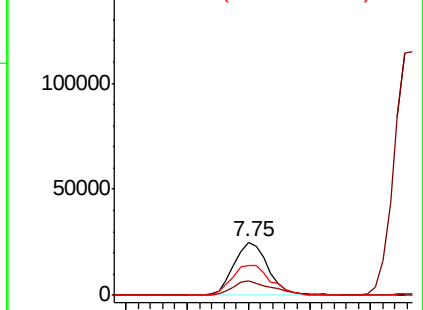


Abundance

Ion 88.00 (87.70 to 88.70): VX0

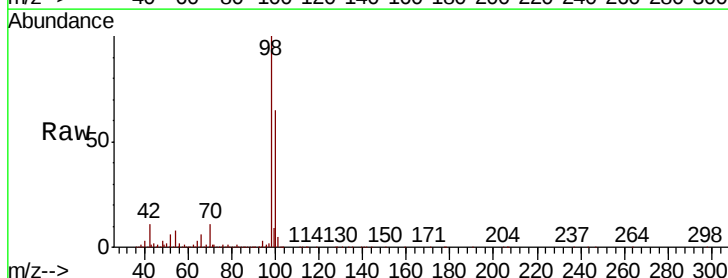
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 48.145 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

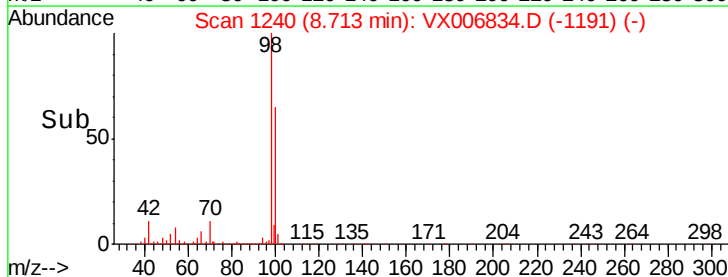
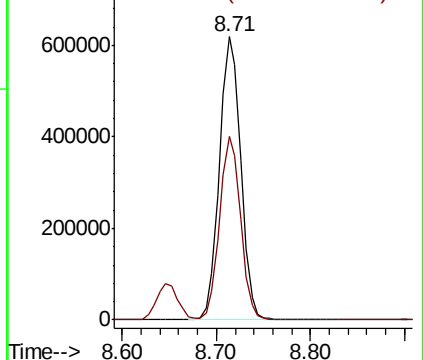
Tgt Ion	98	Resp	969626
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0

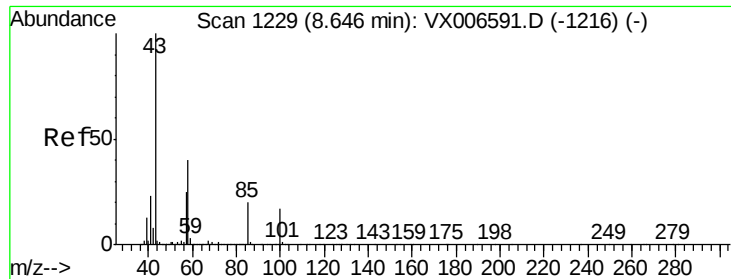


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 107.677 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

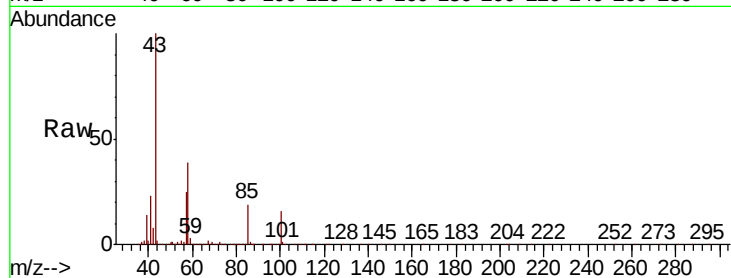
ClientSampled :

Tot Ion: 43 Resp: 759108

Ion Ratio Lower Upper

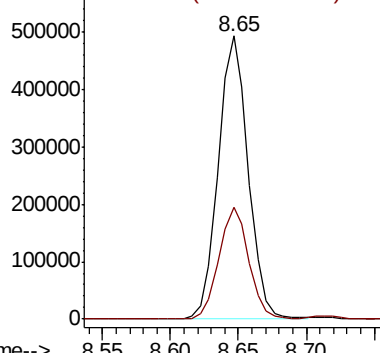
43 100

58 39.4 31.8 47.6

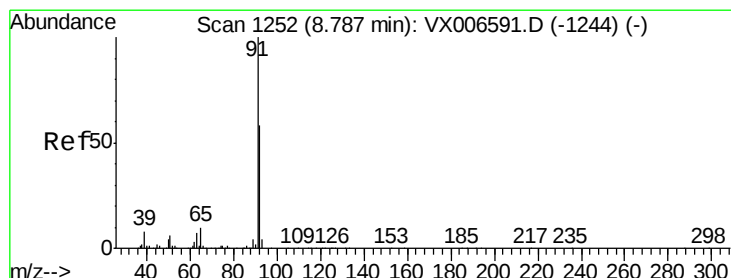
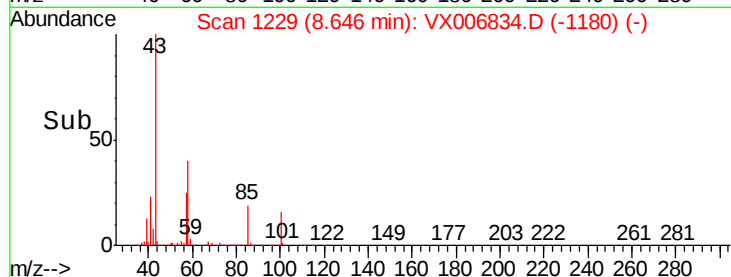


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 19.694 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006834.D

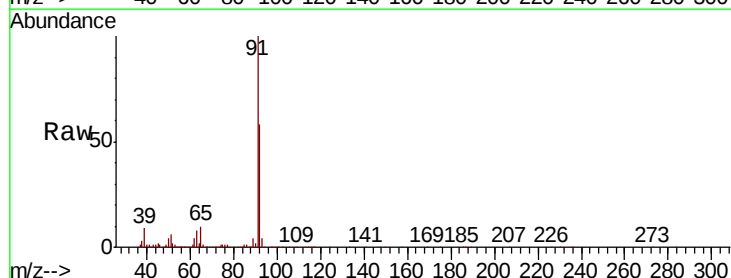
Acq: 27 Dec 2018 11:36

Tgt Ion: 92 Resp: 270583

Ion Ratio Lower Upper

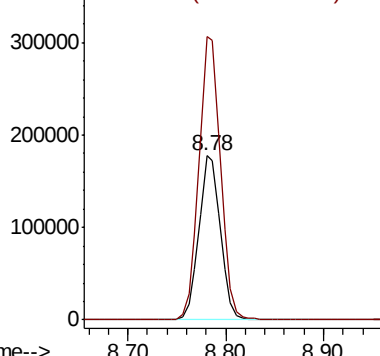
92 100

91 173.4 137.6 206.4

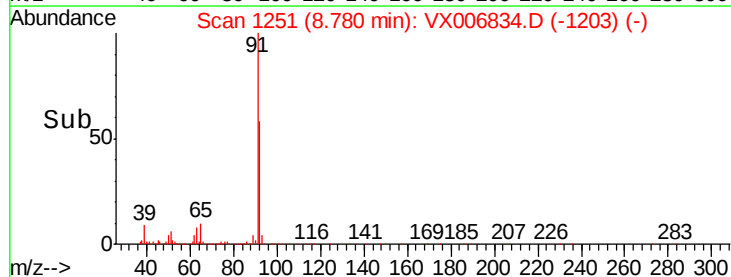


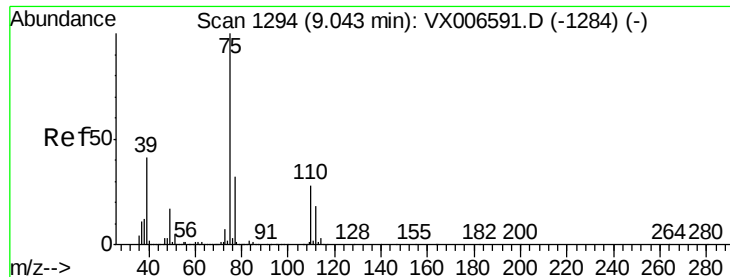
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 19.946 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

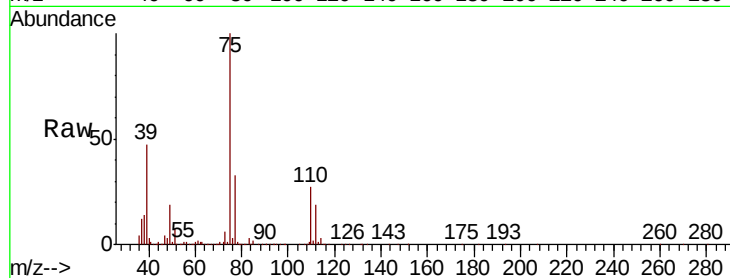
ClientSampled :

Tot Ion: 75 Resp: 135197

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

60000

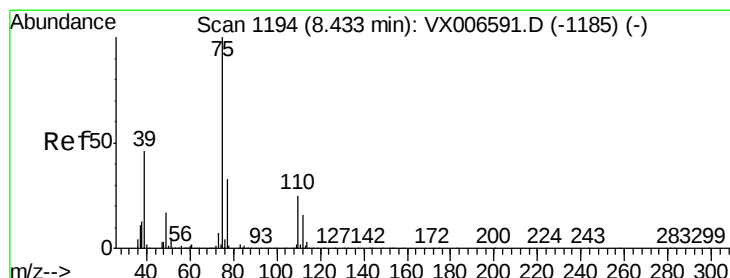
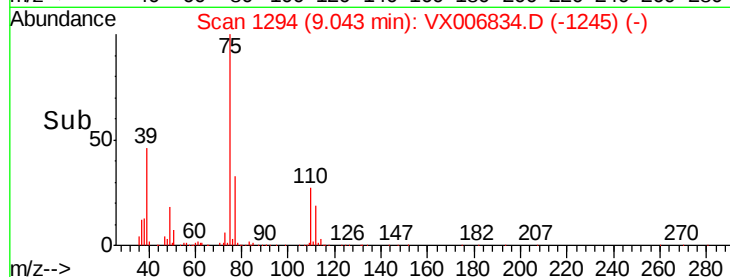
40000

20000

0

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.544 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

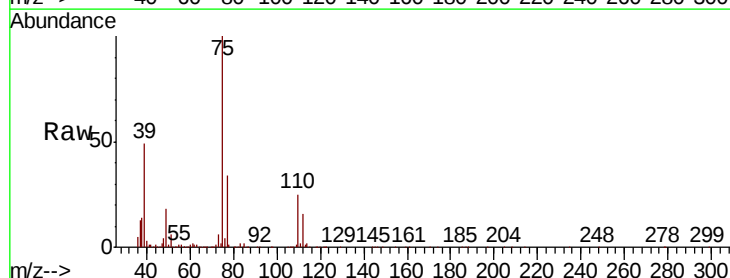
Tgt Ion: 75 Resp: 152794

Ion Ratio Lower Upper

75 100

77 34.3 26.2 39.2

39 48.4 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

60000

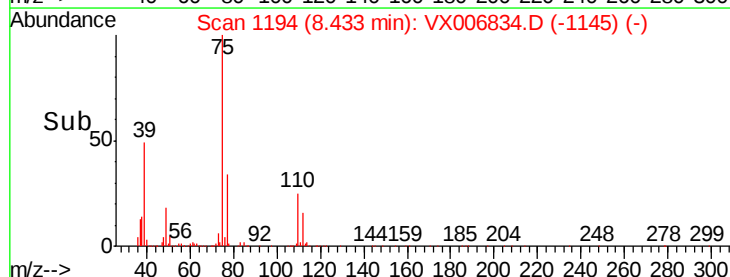
40000

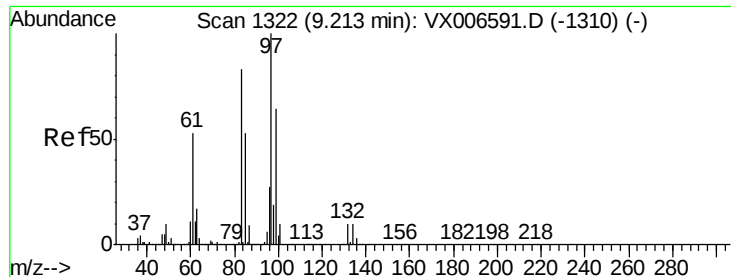
20000

0

8.40 8.50

Time-->

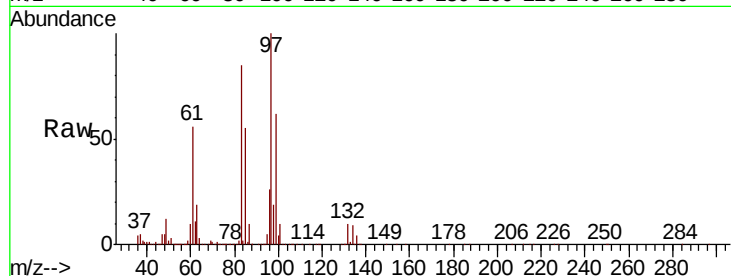




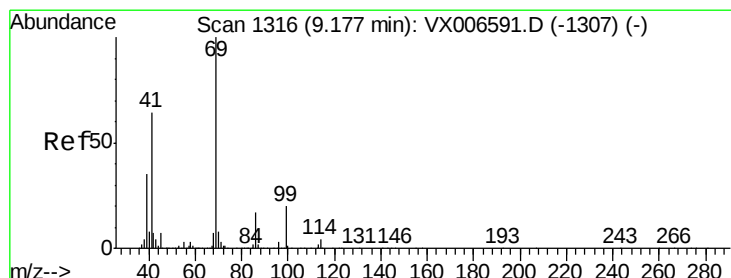
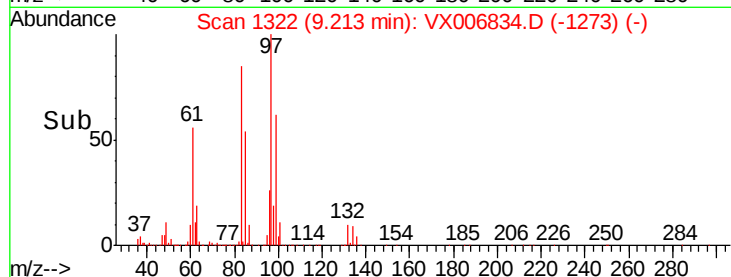
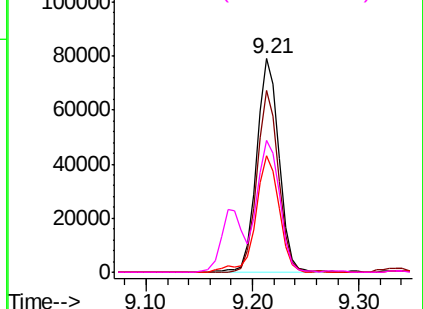
#55
 1,1,2-Trichloroethane
 Concen: 20.766 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	116781
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.6	99.8
85	54.5	42.7	64.1
99	61.8	50.8	76.2

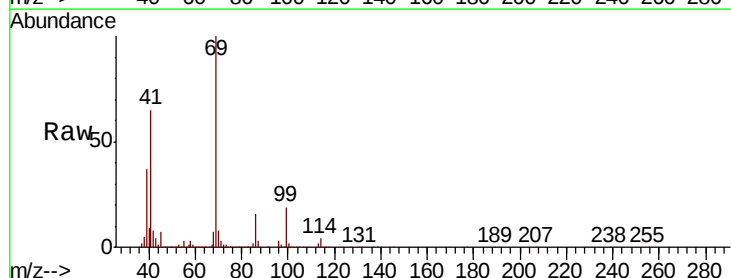


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

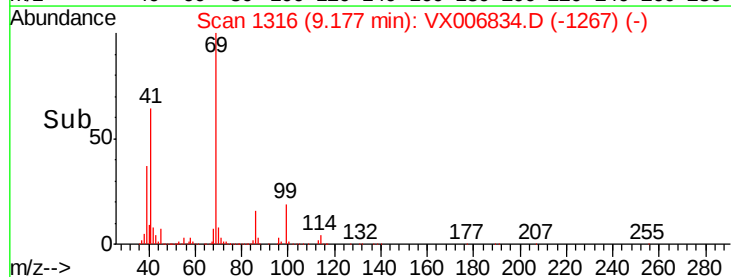
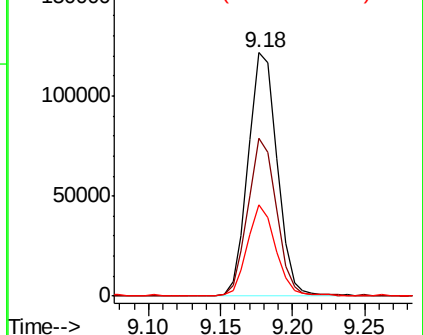


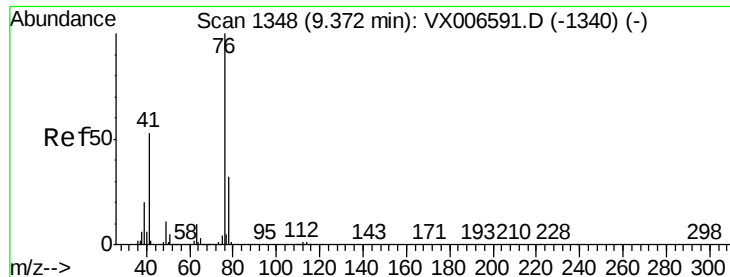
#56
 Ethyl methacrylate
 Concen: 21.320 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion:	69	Resp:	169462
Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.7	73.1
39	35.9	27.0	40.6



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: 20.125 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

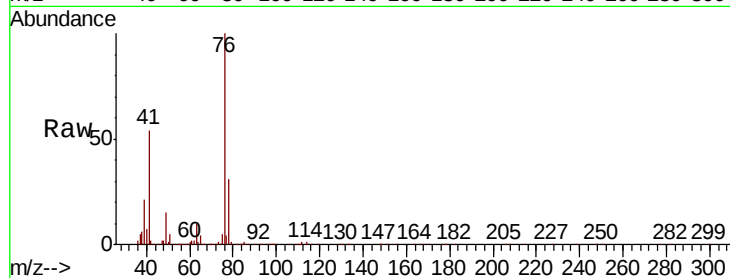
ClientSampleId :

Tot Ion: 76 Resp: 182090

Ion Ratio Lower Upper

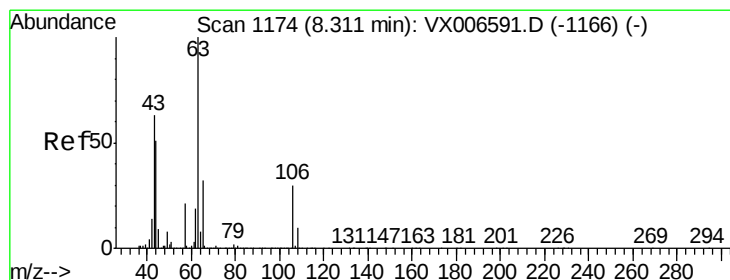
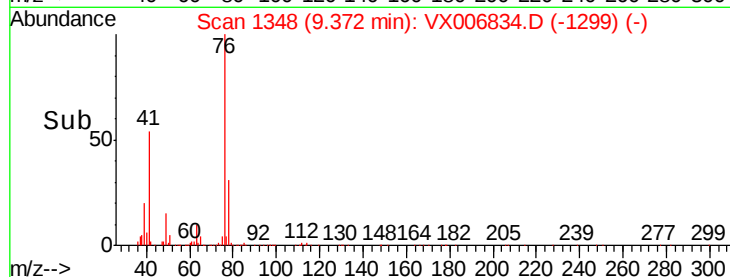
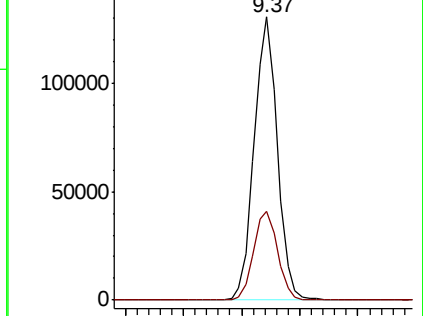
76 100

78 32.7 26.0 39.0



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: 98.247 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006834.D

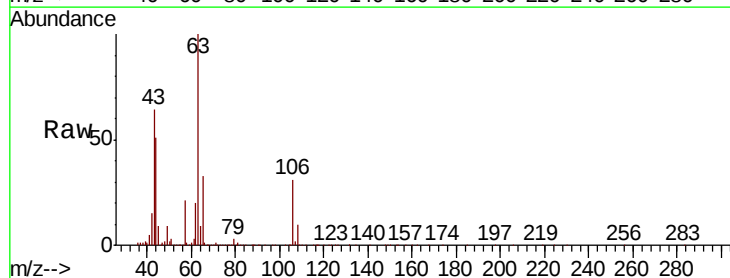
Acq: 27 Dec 2018 11:36

Tgt Ion: 63 Resp: 415110

Ion Ratio Lower Upper

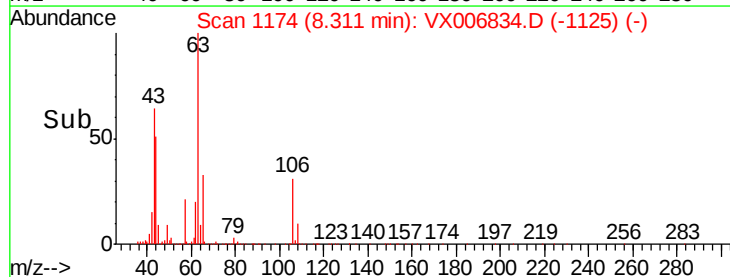
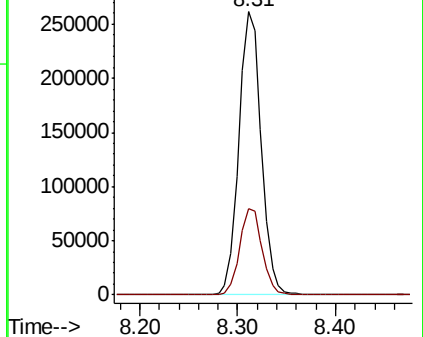
63 100

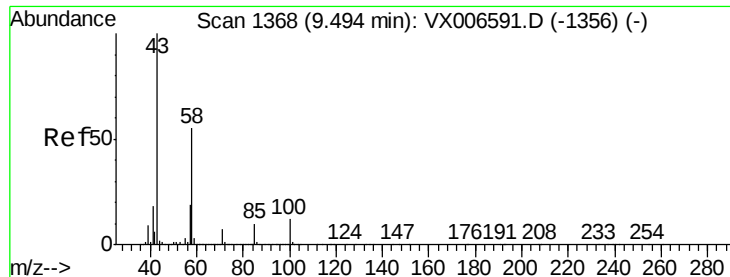
106 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

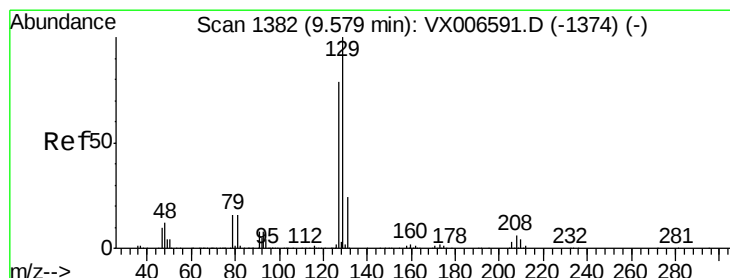
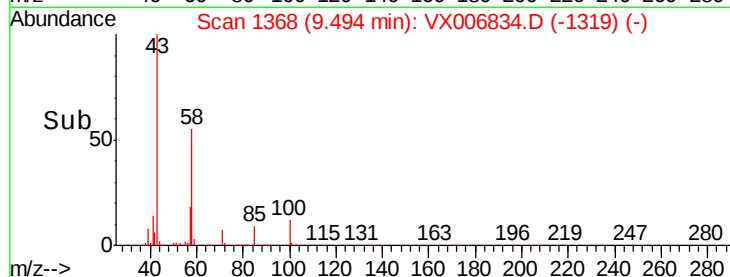
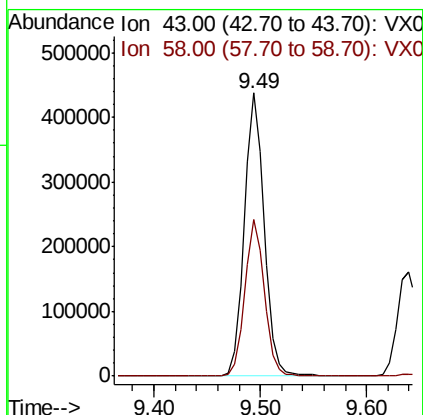
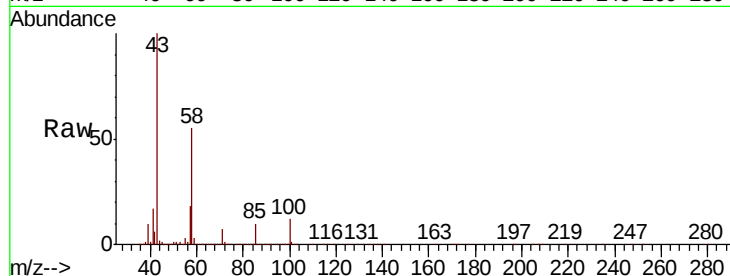




#59
2-Hexanone
Concen: 106.653 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

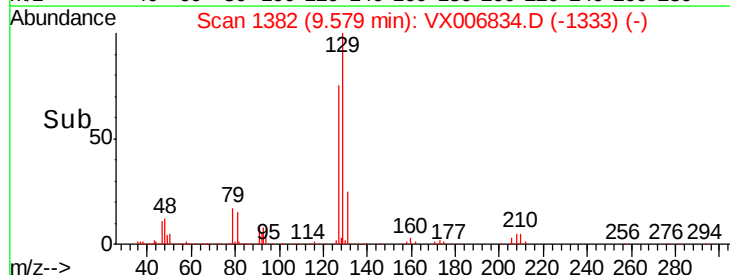
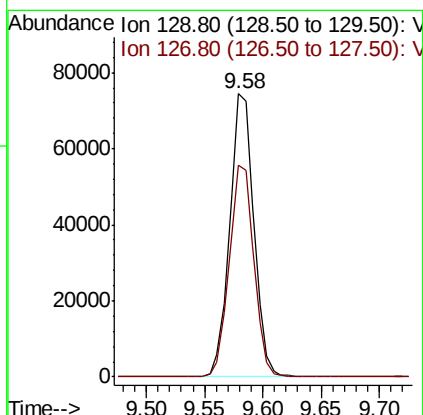
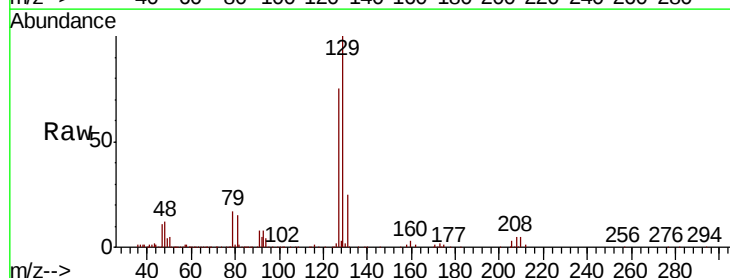
Instrument :
MSVOA_X
ClientSampleId :

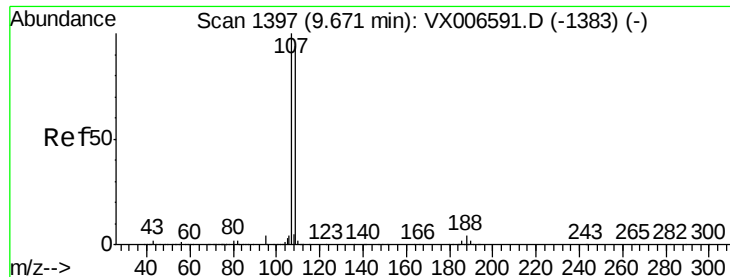
Tot Ion: 43 Resp: 575283
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 19.785 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 129 Resp: 107707
Ion Ratio Lower Upper
129 100
127 75.9 39.3 117.8

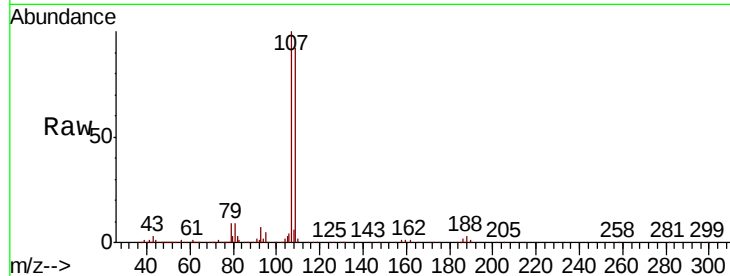




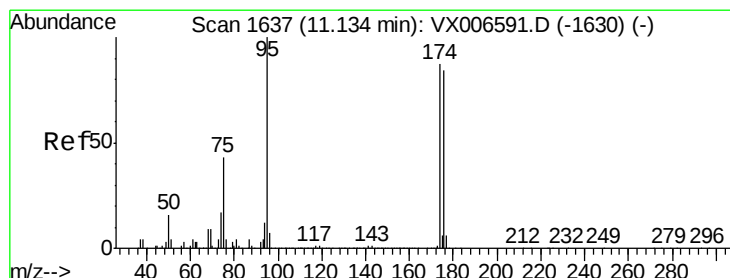
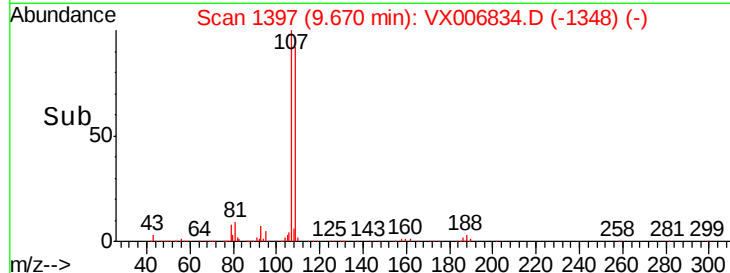
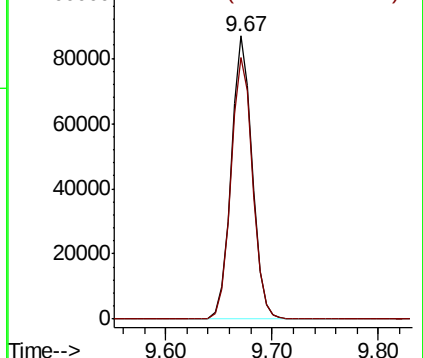
#61
 1,2-Dibromoethane
 Concen: 20.117 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 107 Resp: 120262
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.6

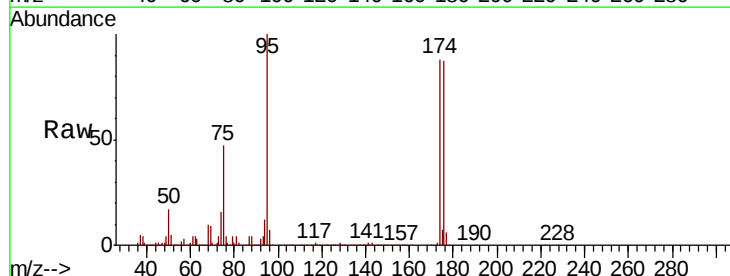


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

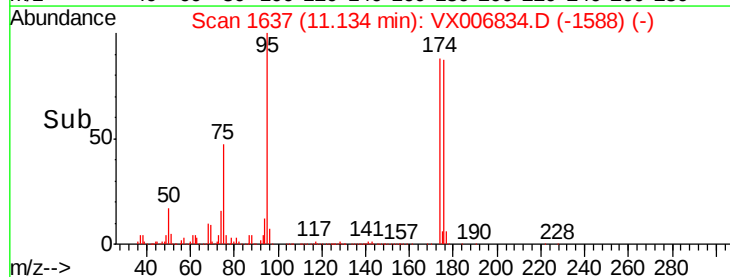
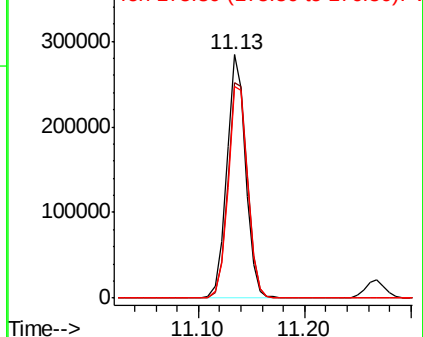


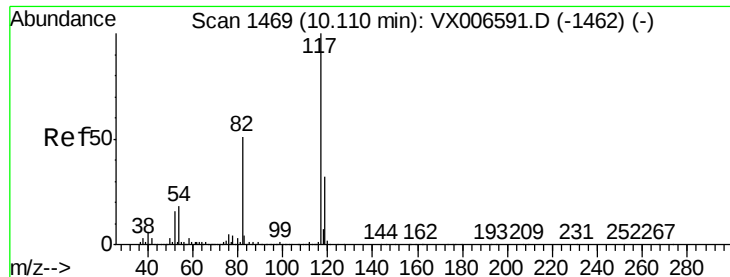
#62
 4-Bromofluorobenzene
 Concen: 47.694 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion: 95 Resp: 351790
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 182.2
 176 90.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

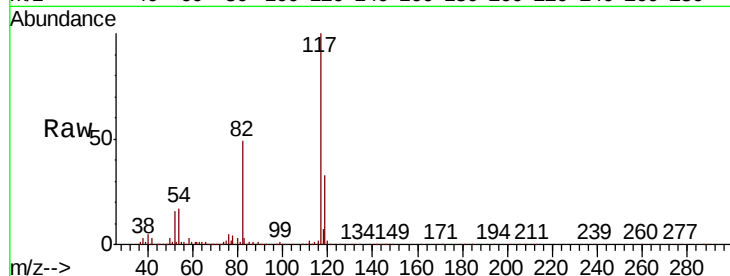




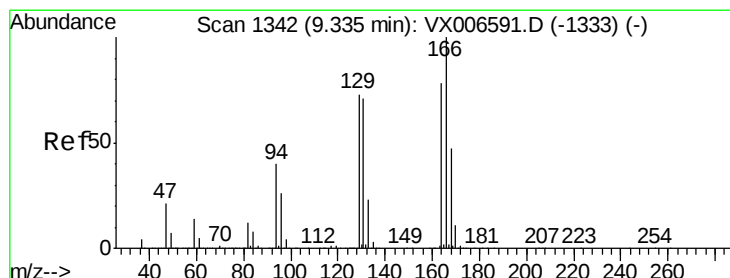
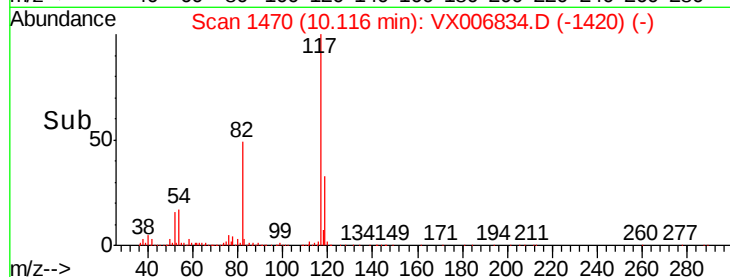
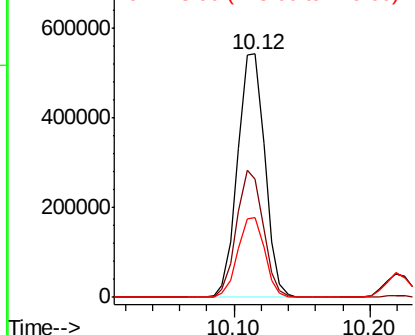
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	41.0	61.6
119	32.9	25.4	38.0



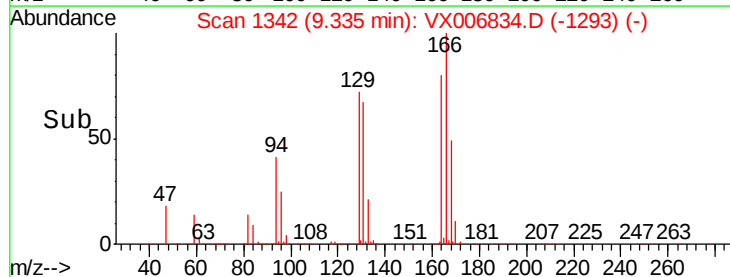
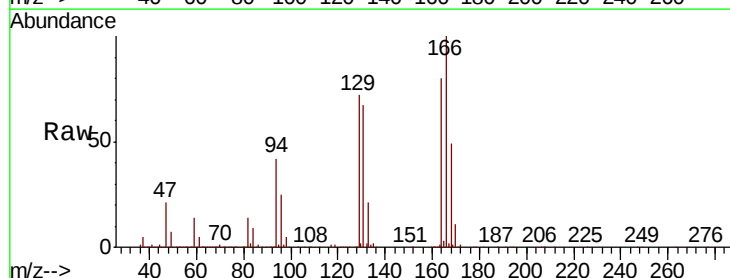
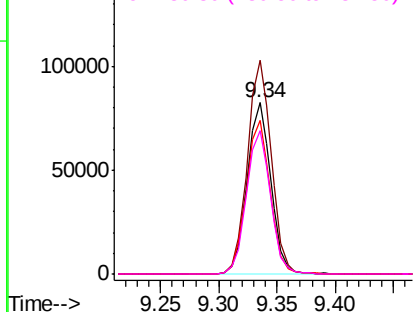
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

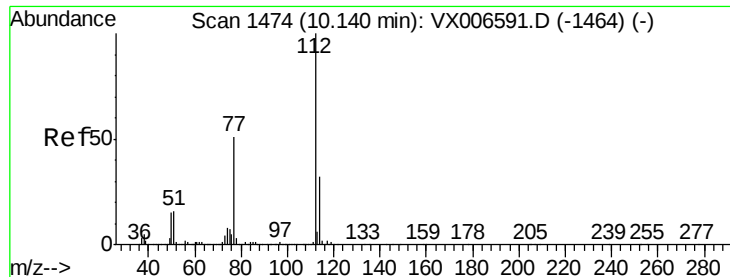


#64
Tetrachloroethene
Concen: 19.474 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.5	153.7
129	89.8	75.1	112.7
131	83.9	72.7	109.1

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

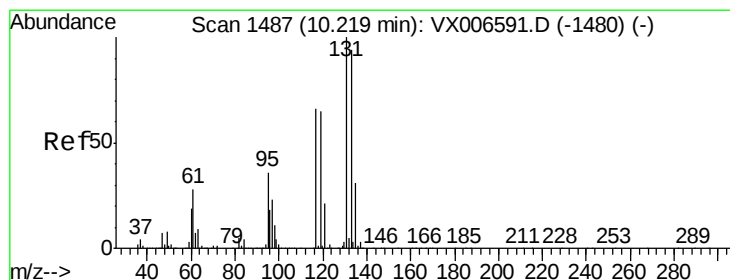
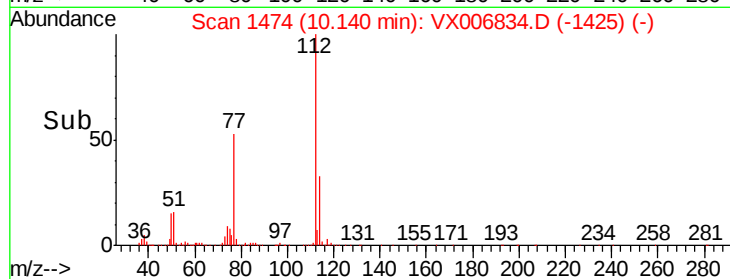
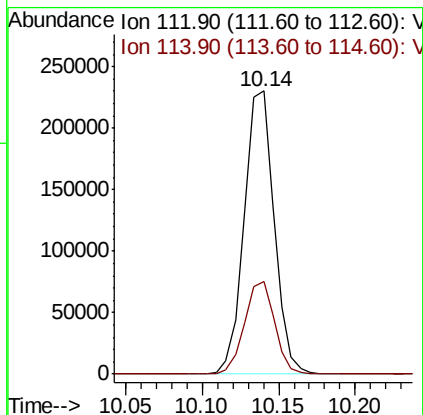
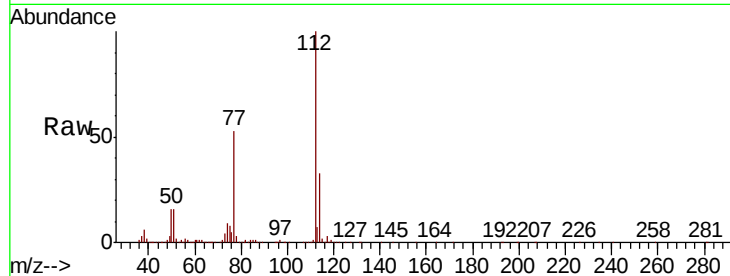




#65
Chlorobenzene
Concen: 19.491 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

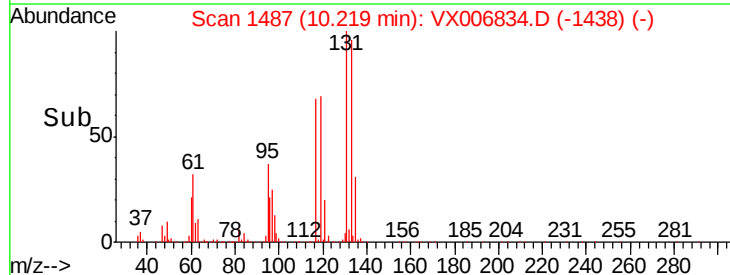
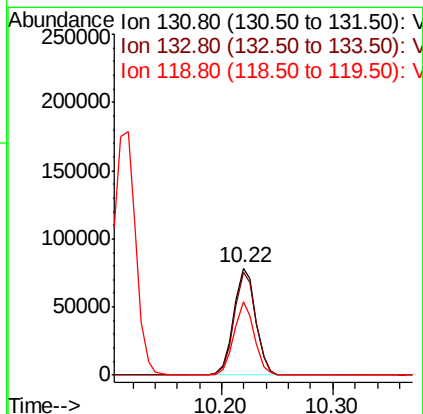
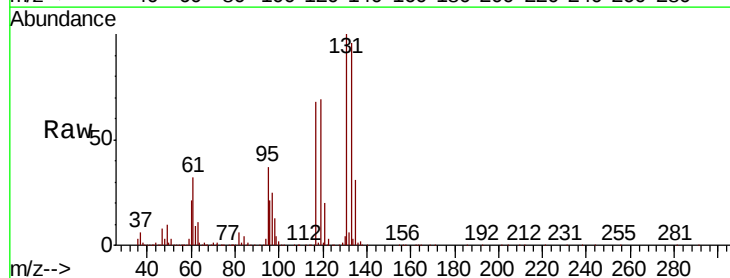
Instrument :
MSVOA_X
ClientSampled :

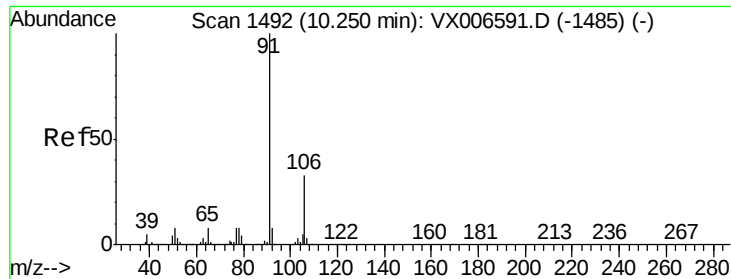
Tot Ion:112 Resp: 313954
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.184 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion:131 Resp: 106462
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 64.4 32.6 97.8

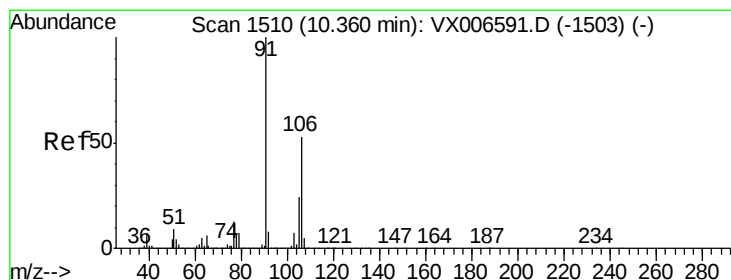
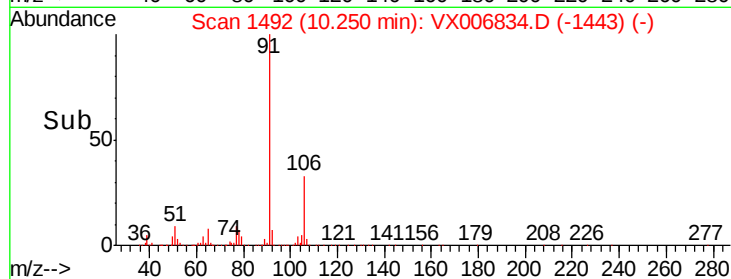
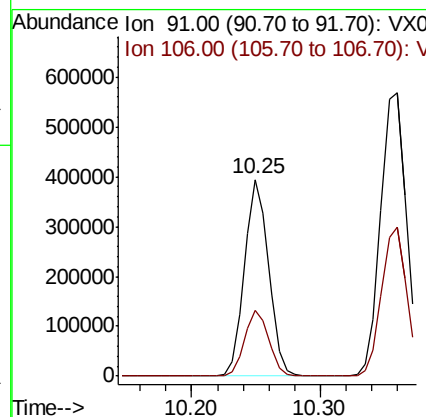
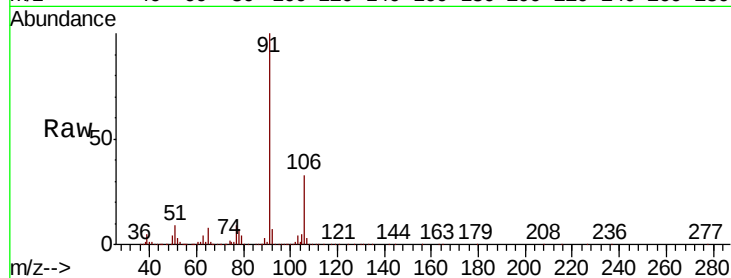




#67
Ethyl Benzene
Concen: 19.391 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

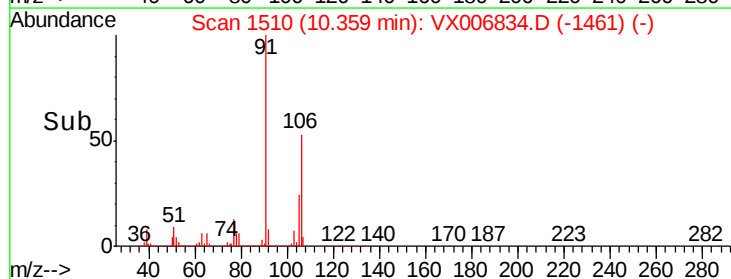
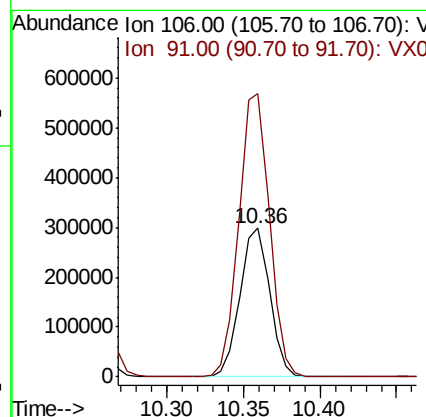
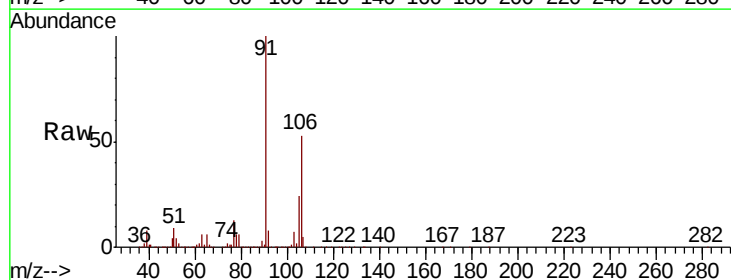
Instrument :
MSVOA_X
ClientSampleId :

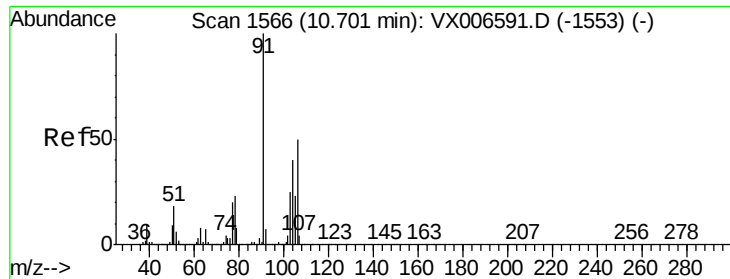
Tot Ion: 91 Resp: 510401
Ion Ratio Lower Upper
91 100
106 33.2 26.4 39.6



#68
m/p-Xylenes
Concen: 38.845 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion: 106 Resp: 403458
Ion Ratio Lower Upper
106 100
91 195.5 155.8 233.6

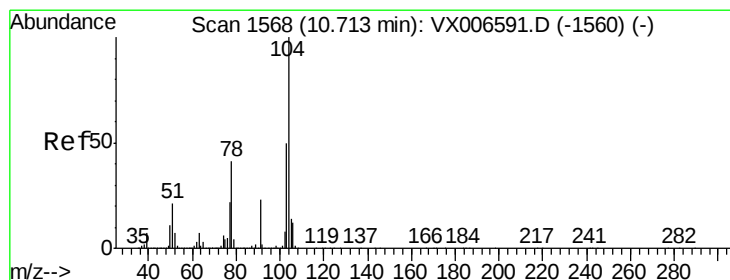
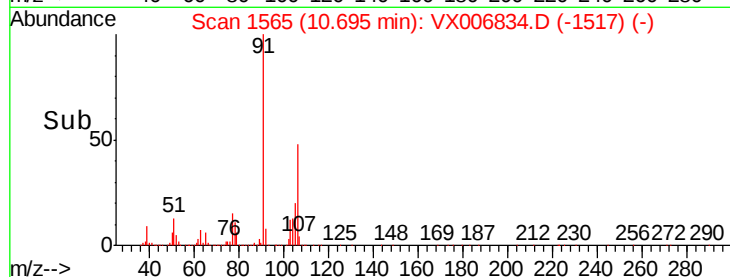
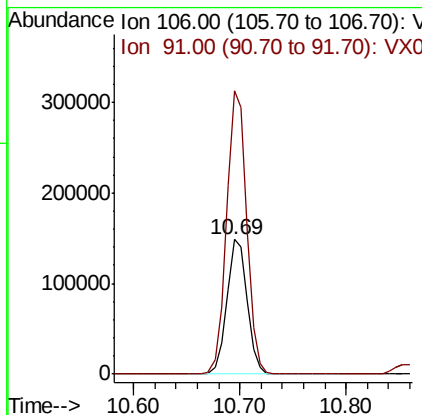
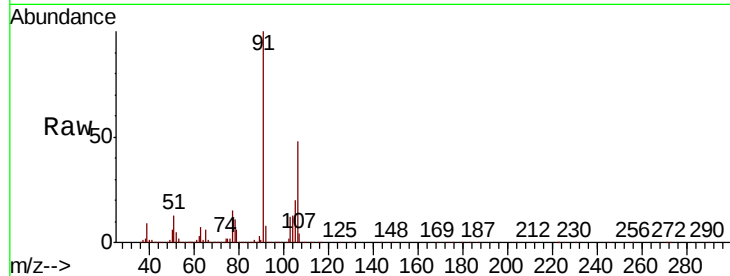




#69
o-Xylene
Concen: 19.474 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

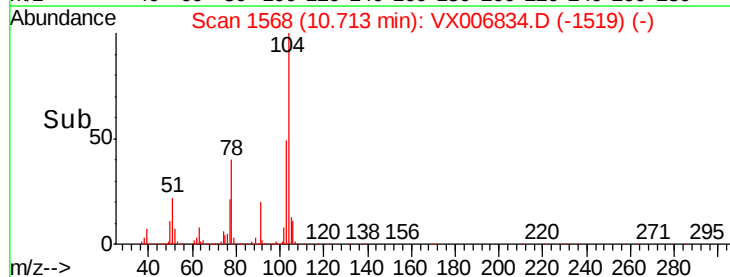
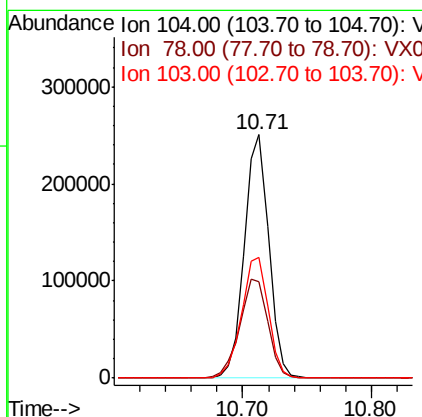
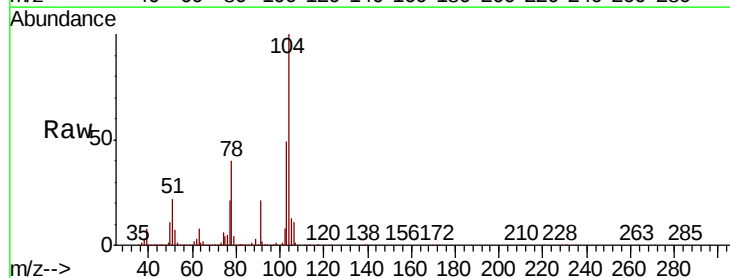
Instrument :
MSVOA_X
ClientSampleId :

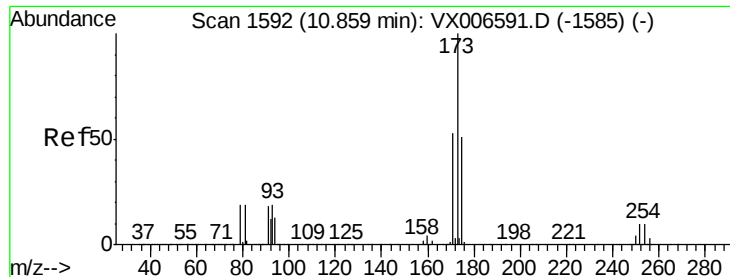
Tot Ion:106 Resp: 199729
Ion Ratio Lower Upper
106 100
91 207.3 101.3 303.7



#70
Styrene
Concen: 20.225 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006834.D
Acq: 27 Dec 2018 11:36

Tgt Ion:104 Resp: 328180
Ion Ratio Lower Upper
104 100
78 46.8 37.7 56.5
103 54.8 43.8 65.8





#71

Bromoform

Concen: 19.954 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

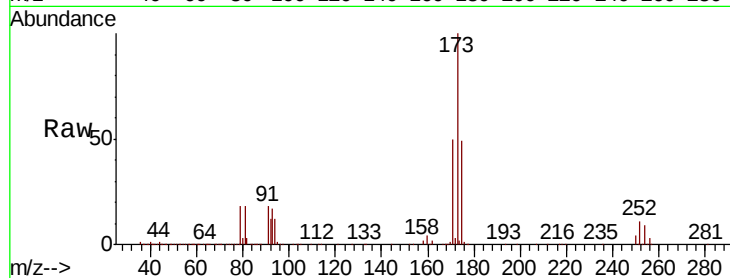
Tot Ion:173 Resp: 77115

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

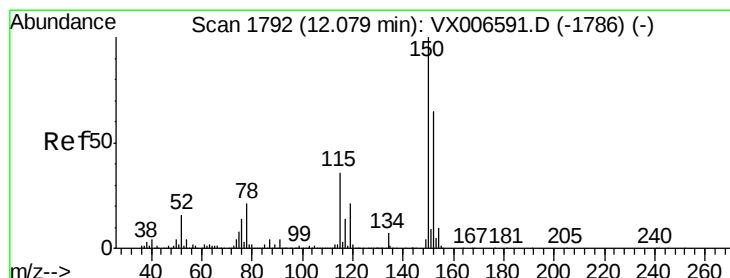
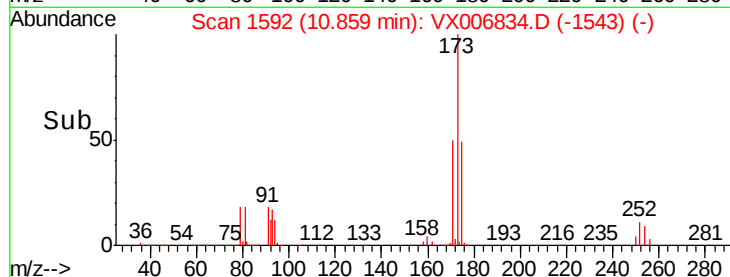
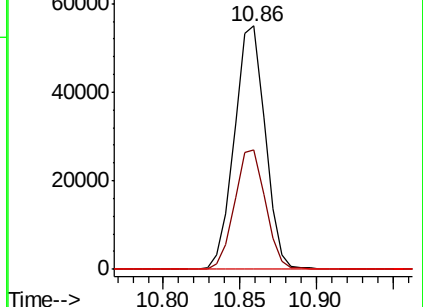
254 0.2 0.2 0.2#



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: VX006834.D

Acq: 27 Dec 2018 11:36

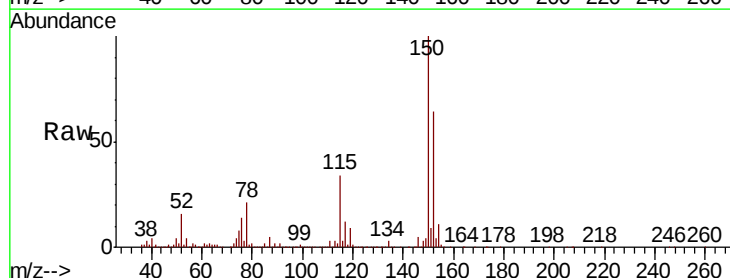
Tgt Ion:152 Resp: 382847

Ion Ratio Lower Upper

152 100

115 62.4 39.1 117.2

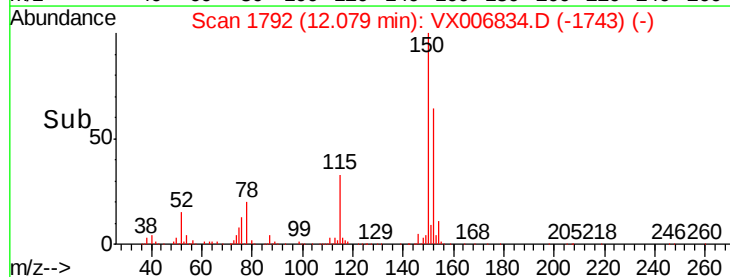
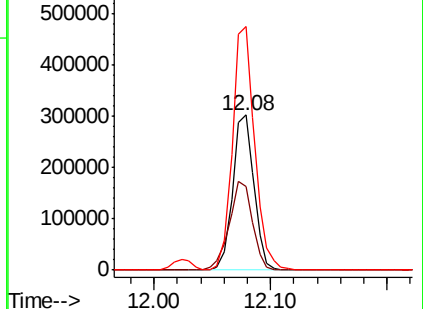
150 163.7 0.0 344.8

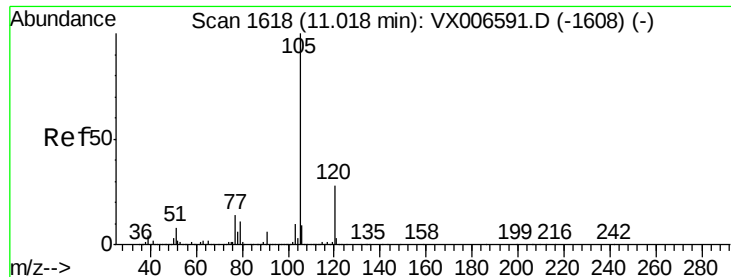


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.704 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

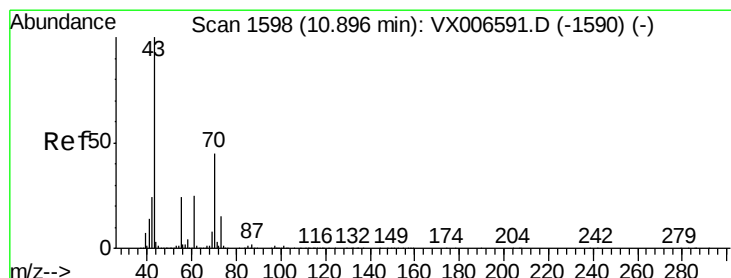
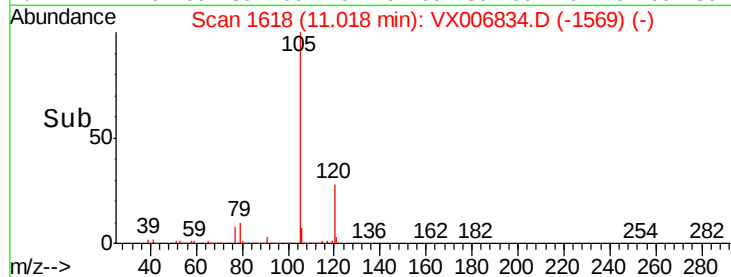
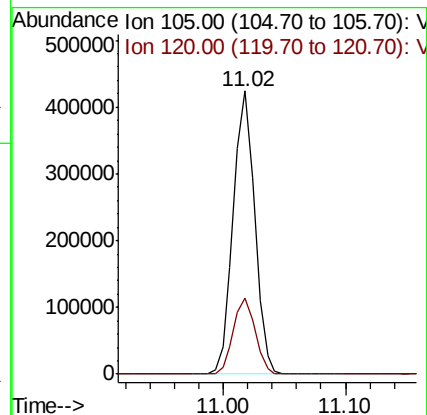
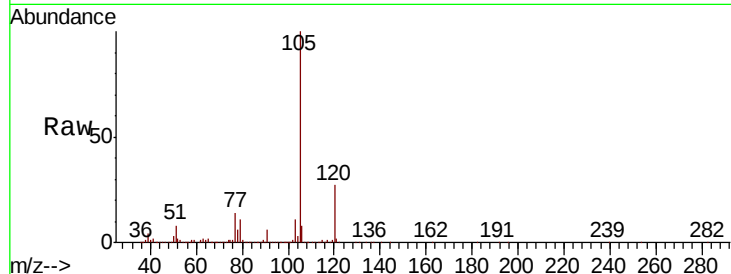
ClientSampleId :

Tot Ion: 105 Resp: 516078

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



#74

N-ethyl acetate

Concen: 22.830 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Tgt Ion: 43 Resp: 214032

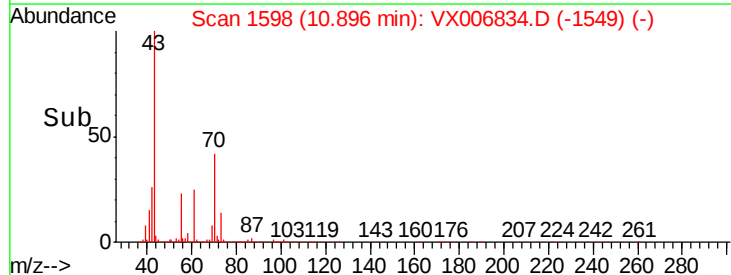
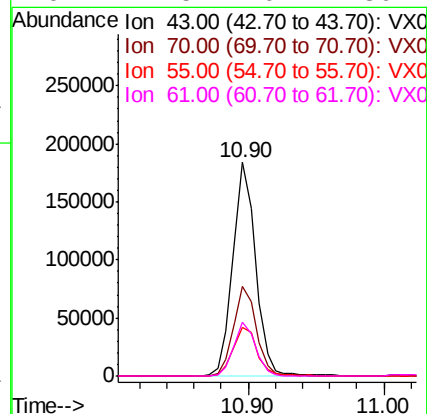
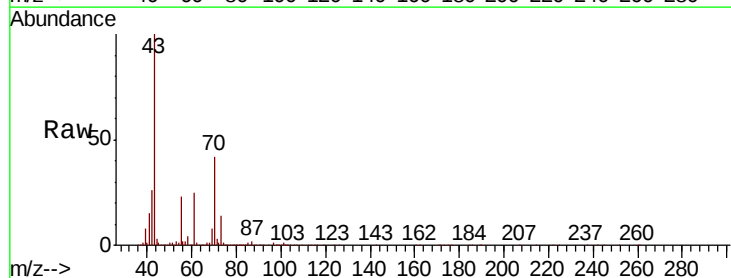
Ion Ratio Lower Upper

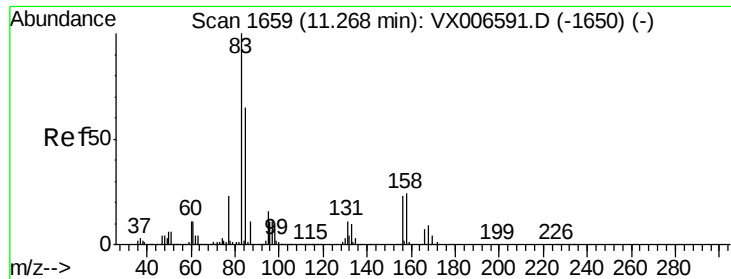
43 100

70 42.9 35.8 53.8

55 24.0 19.4 29.0

61 24.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.897 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

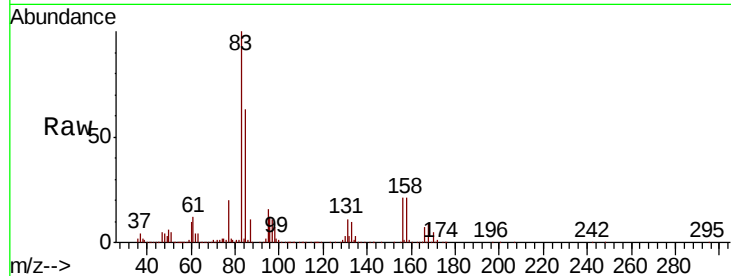
Tot Ion: 83 Resp: 170560

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

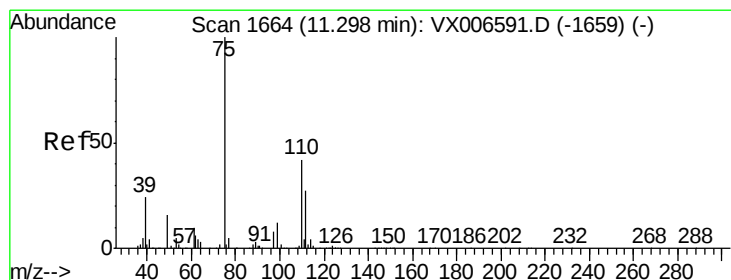
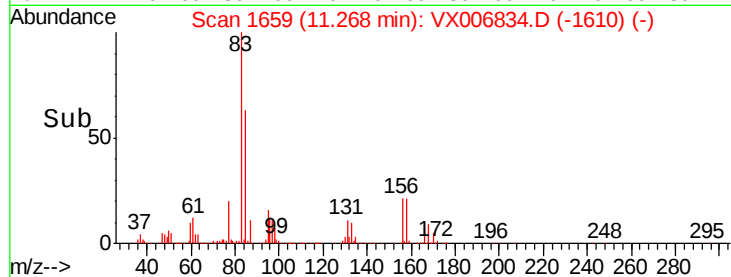
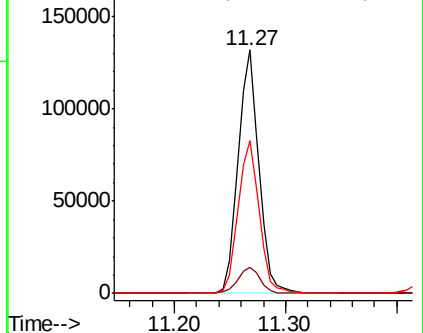
85 63.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.574 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006834.D

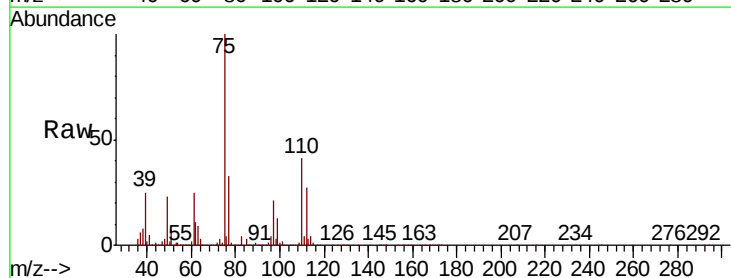
Acq: 27 Dec 2018 11:36

Tgt Ion: 75 Resp: 181959

Ion Ratio Lower Upper

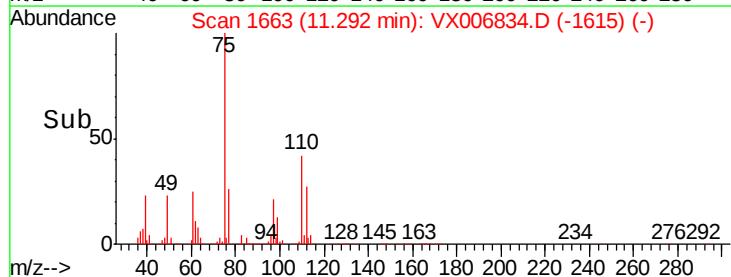
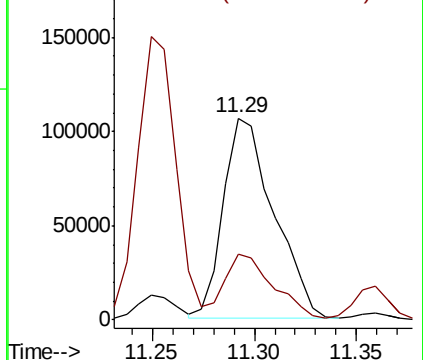
75 100

77 32.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.767 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

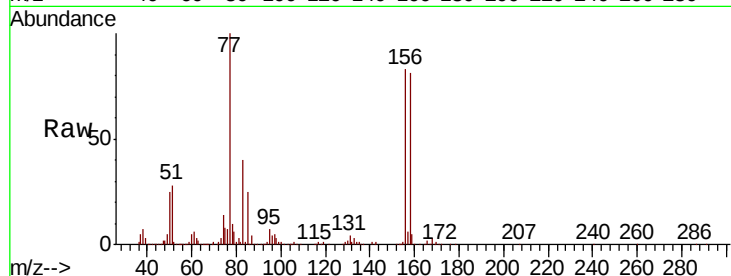
Tot Ion:156 Resp: 147047

Ion Ratio Lower Upper

156 100

77 133.4 68.0 204.0

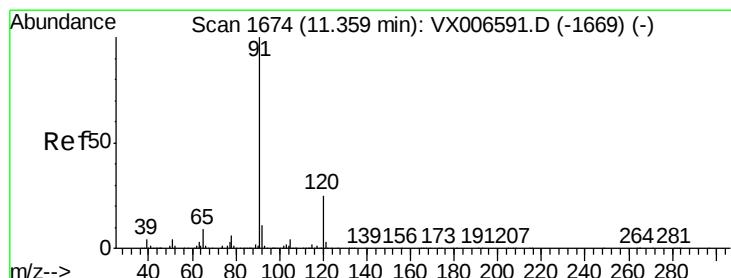
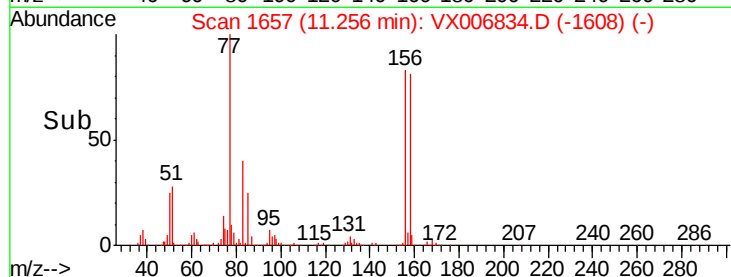
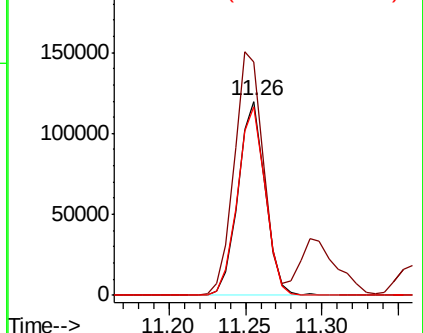
158 99.3 48.3 144.8



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: 19.359 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006834.D

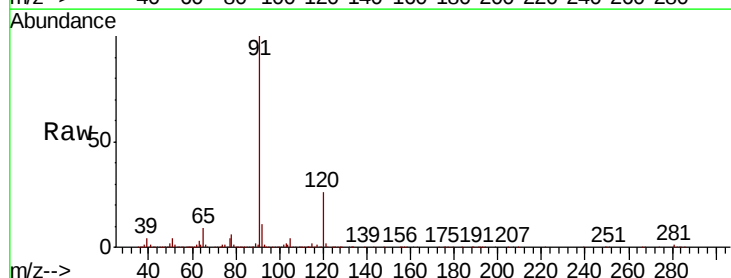
Acq: 27 Dec 2018 11:36

Tgt Ion: 91 Resp: 558340

Ion Ratio Lower Upper

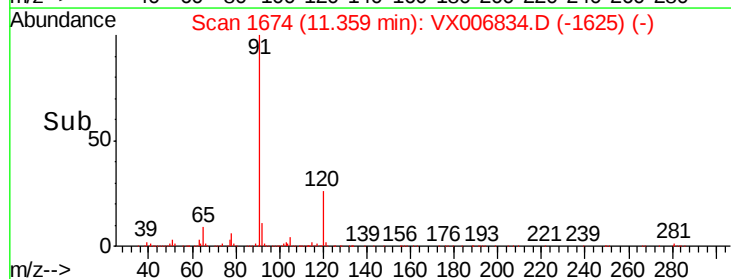
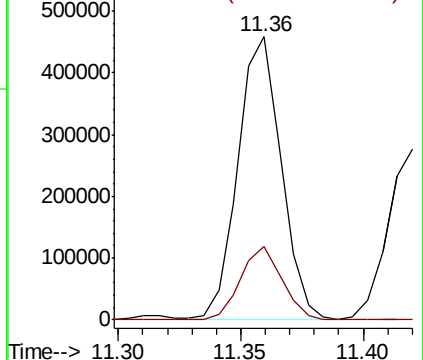
91 100

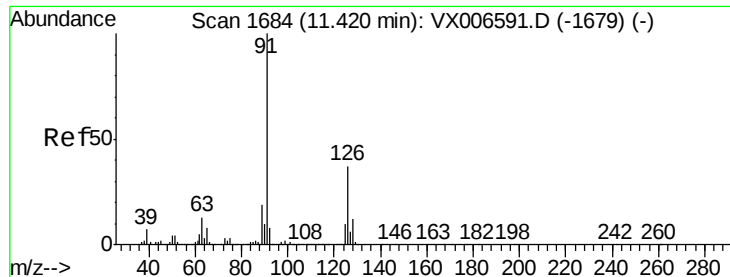
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.622 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

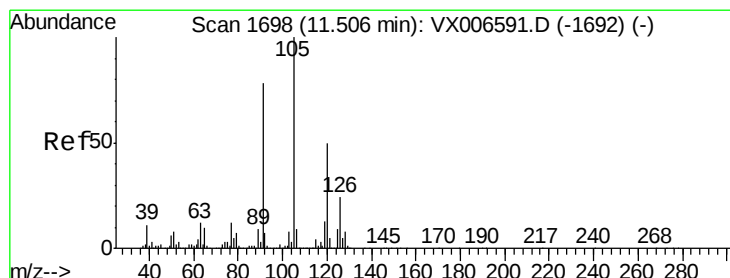
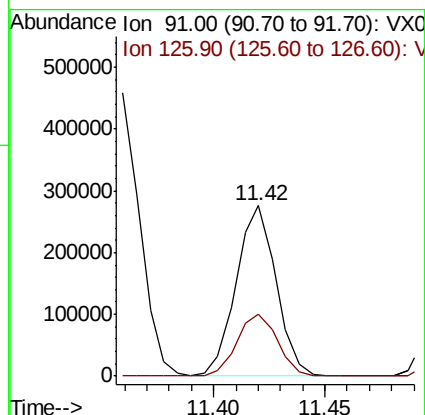
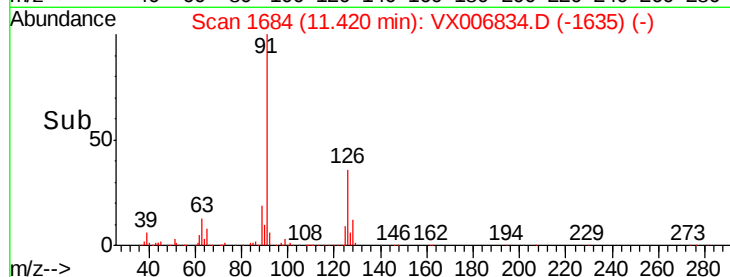
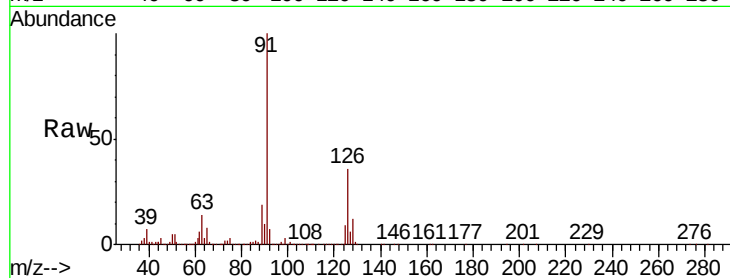
ClientSampled :

Tot Ion: 91 Resp: 342971

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 18.999 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006834.D

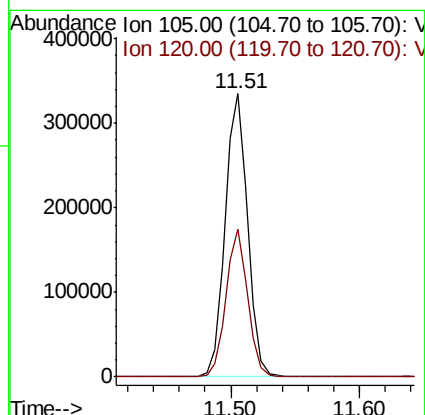
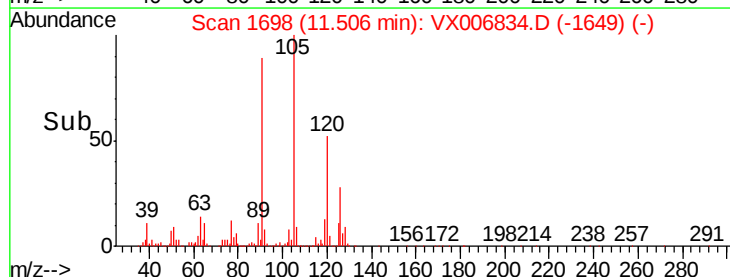
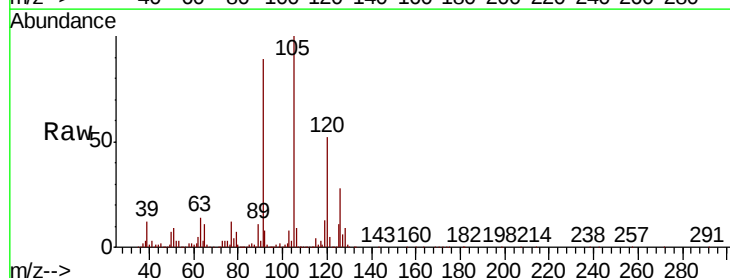
Acq: 27 Dec 2018 11:36

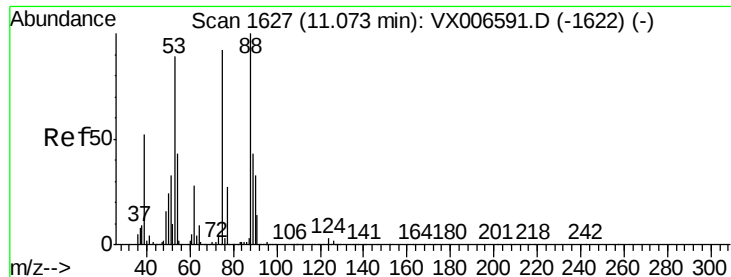
Tgt Ion: 105 Resp: 409867

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.661 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

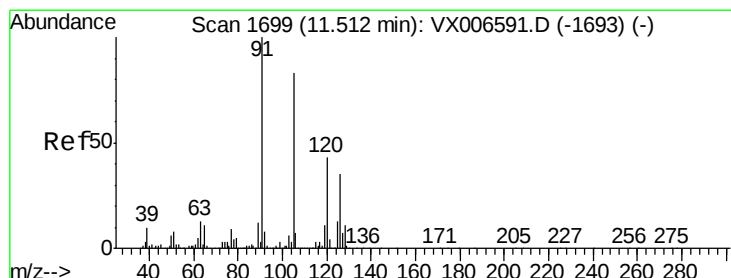
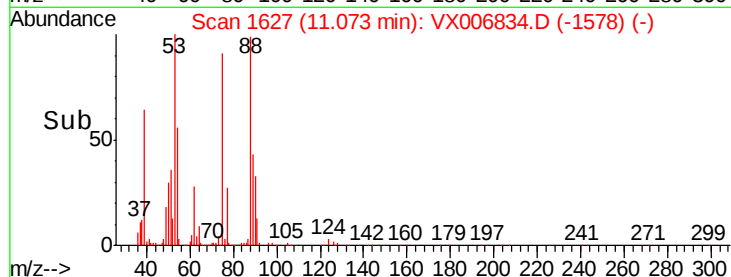
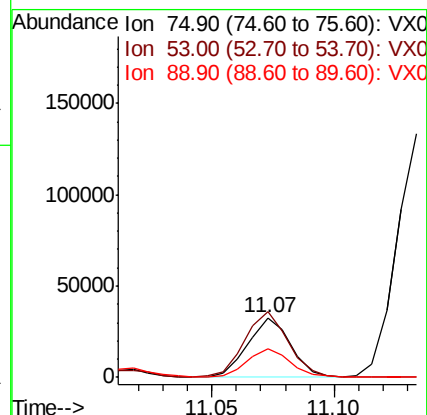
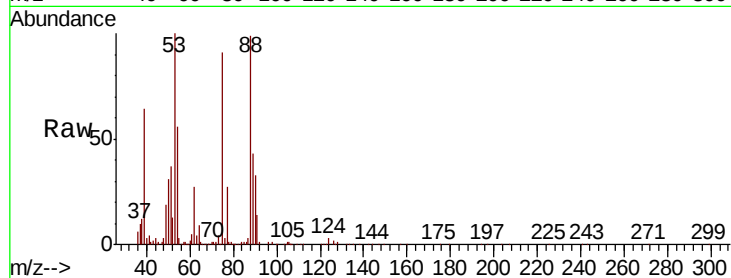
Tot Ion: 75 Resp: 39406

Ion Ratio Lower Upper

75 100

53 113.4 79.7 119.5

89 48.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.781 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006834.D

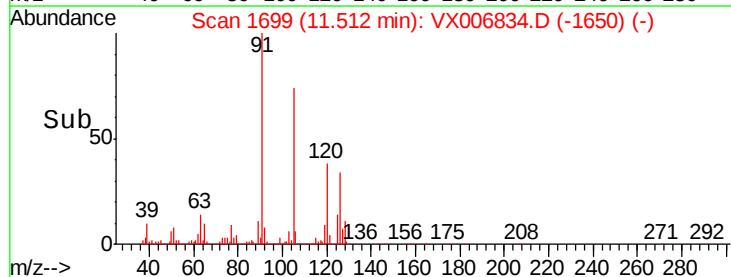
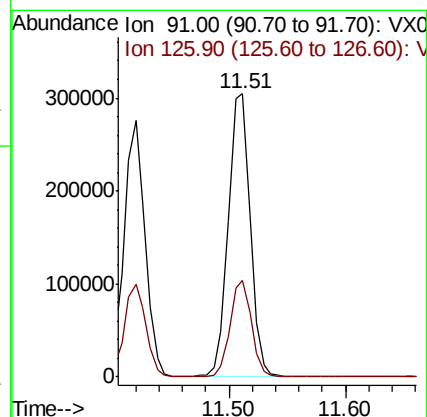
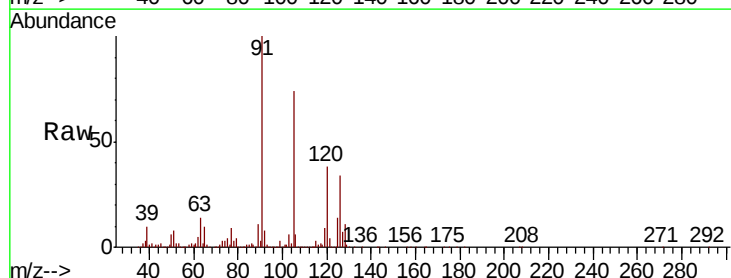
Acq: 27 Dec 2018 11:36

Tgt Ion: 91 Resp: 396588

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9

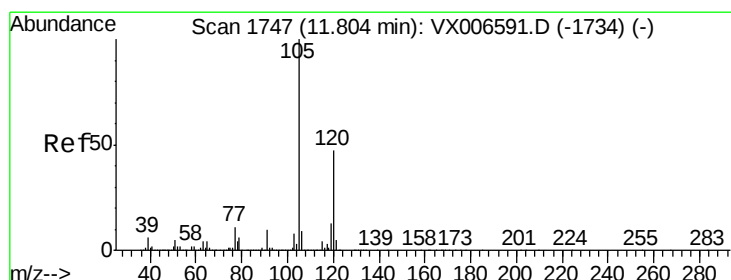
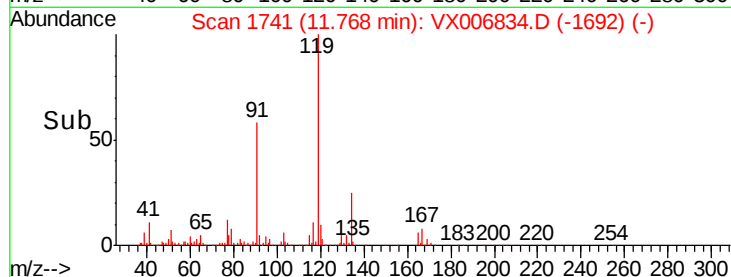
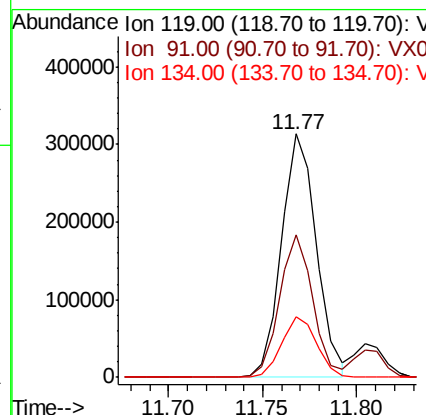
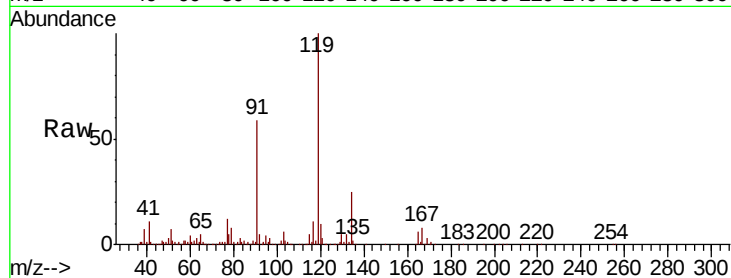




#83
 tert-Butylbenzene
 Concen: 18.602 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

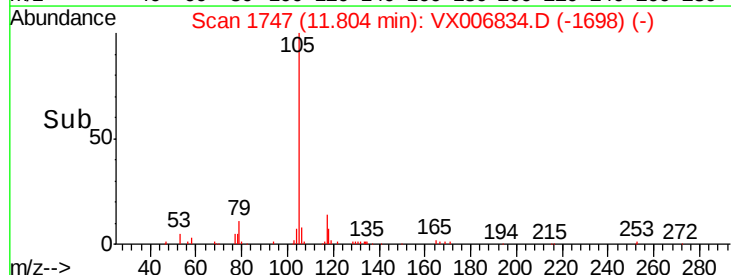
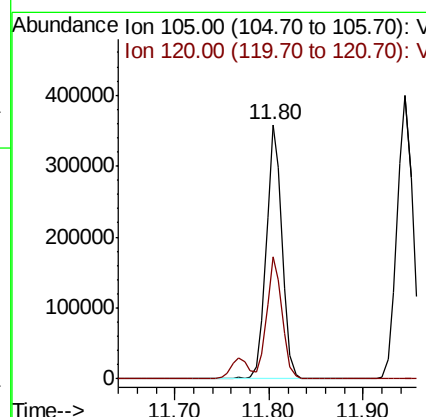
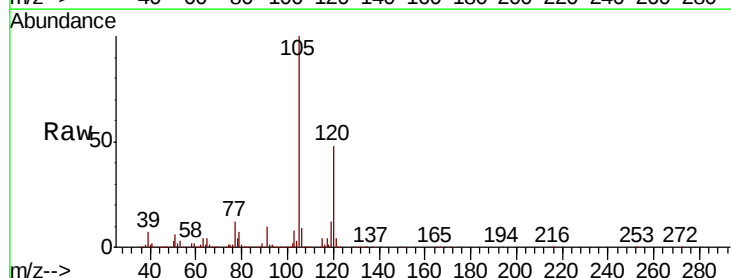
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	27.7	83.1
134	25.0	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.755 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6

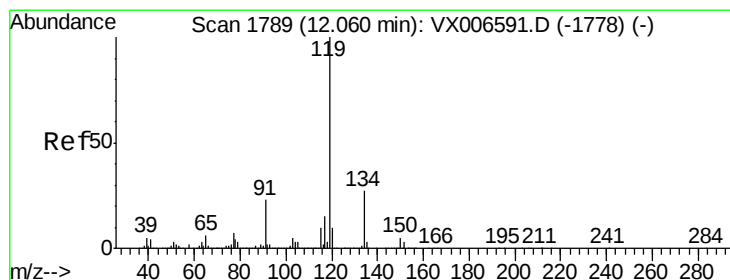
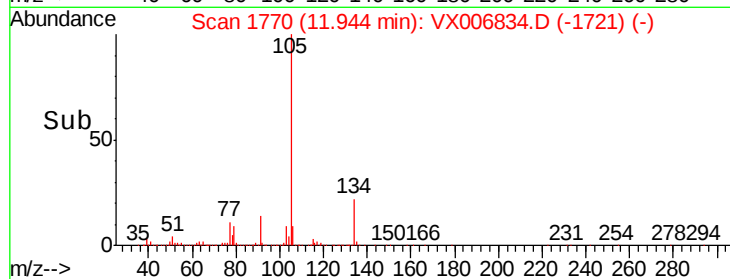
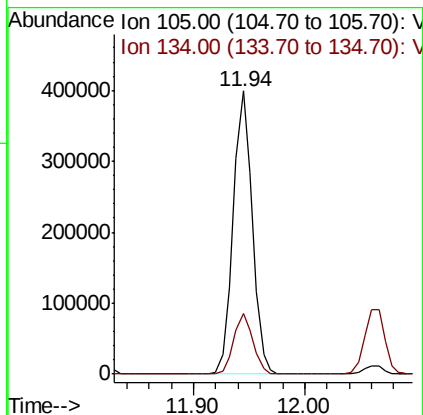
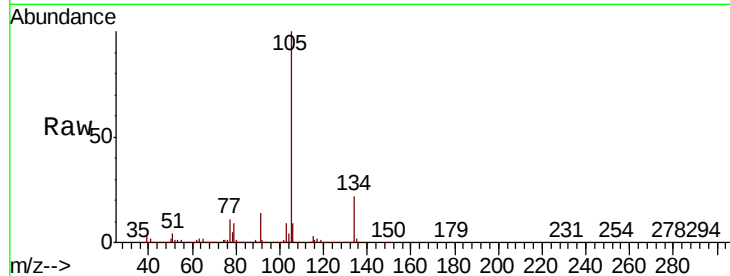




#85
 sec-Butylbenzene
 Concen: 17.870 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

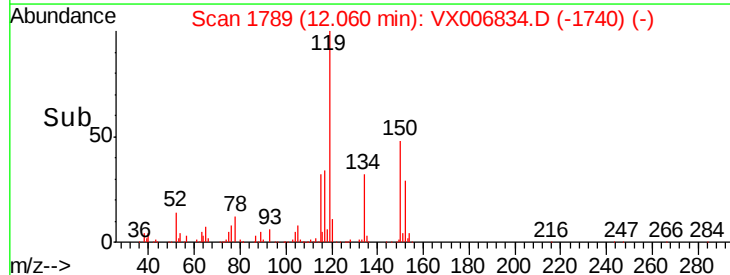
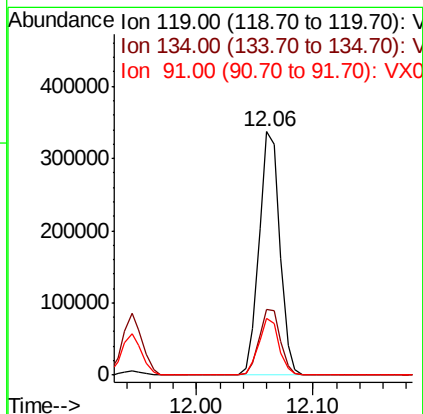
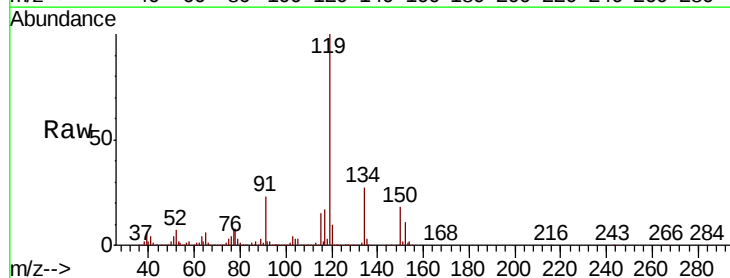
Instrument :
 MSVOA_X
 ClientSampleId :

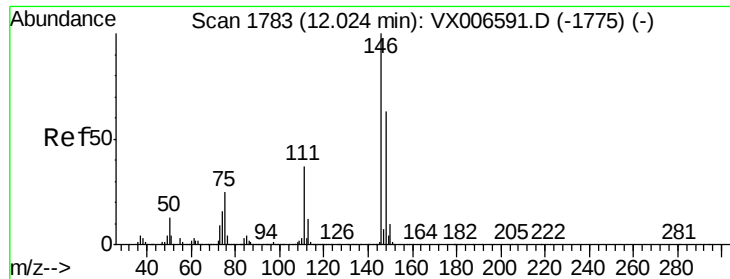
Tot Ion:105 Resp: 473044
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 18.102 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion:119 Resp: 421229
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.0 41.9
 91 22.7 11.3 33.9

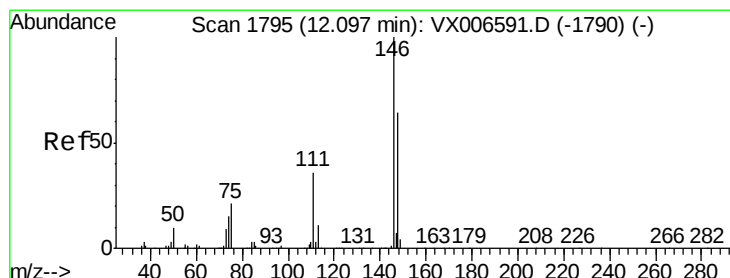
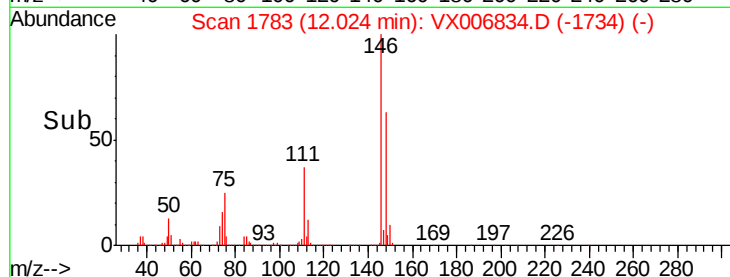
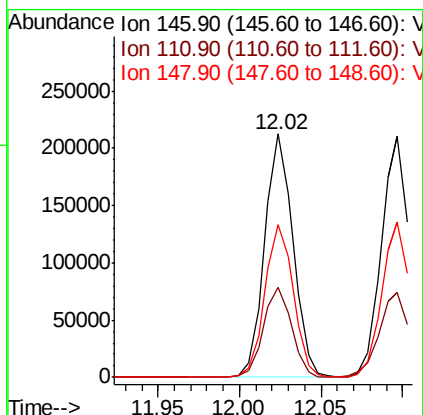
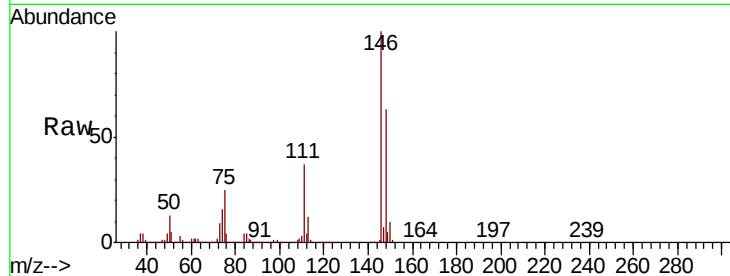




#87
 1,3-Dichlorobenzene
 Concen: 19.970 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

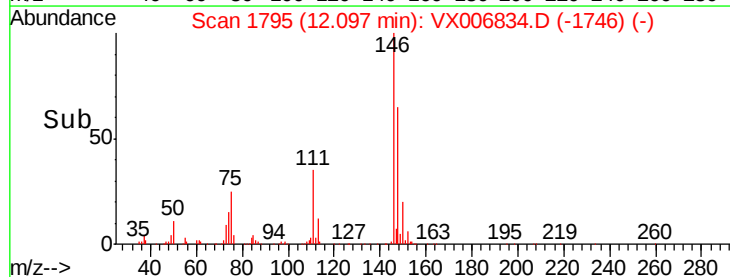
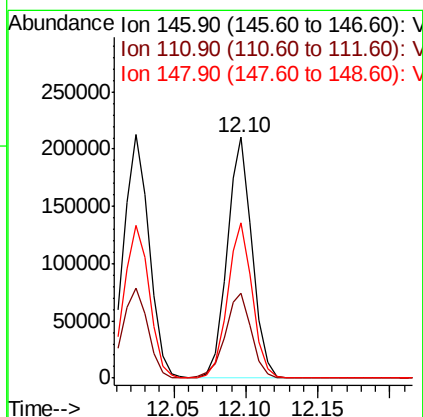
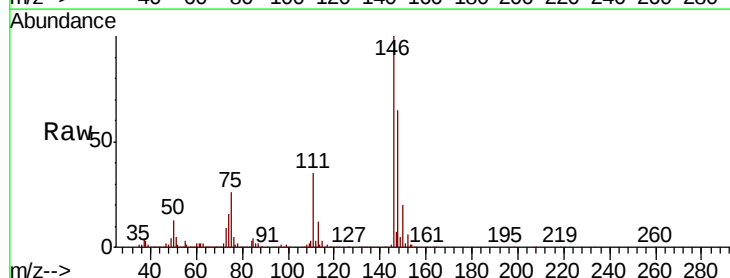
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	62.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.538 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.2	31.9	95.9





#89

n-Butylbenzene

Concen: 17.189 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampleId :

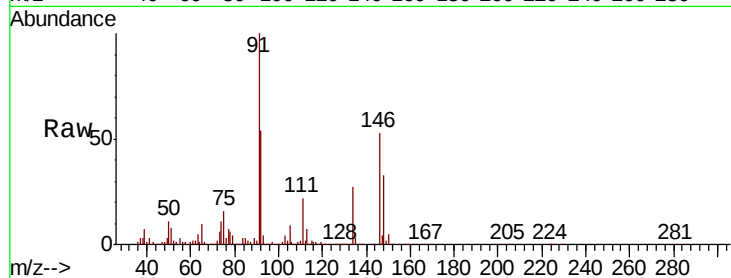
Tot Ion: 91 Resp: 340410

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.4

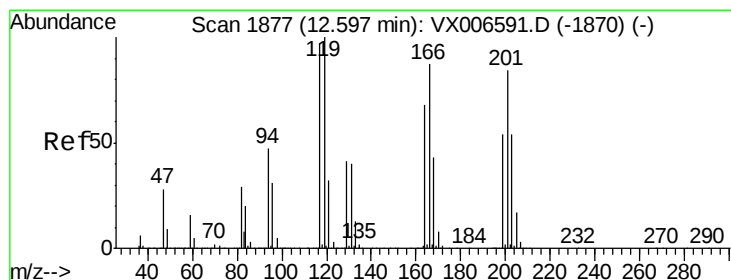
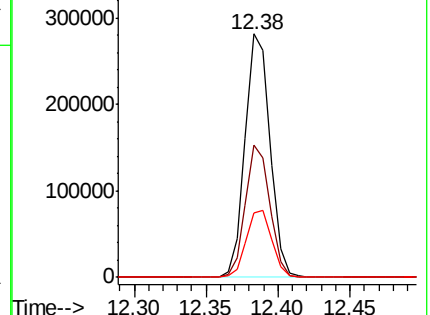
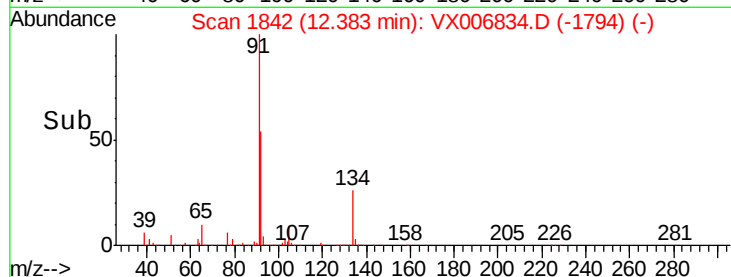
134 28.2 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.606 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006834.D

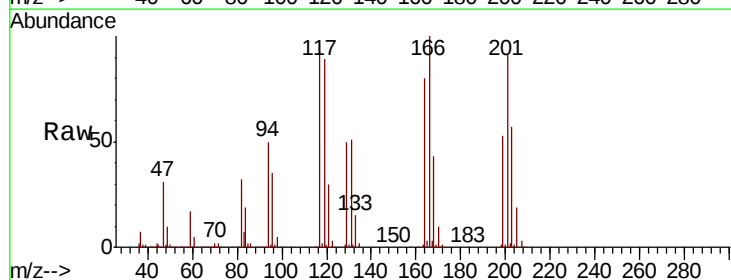
Acq: 27 Dec 2018 11:36

Tgt Ion: 117 Resp: 55801

Ion Ratio Lower Upper

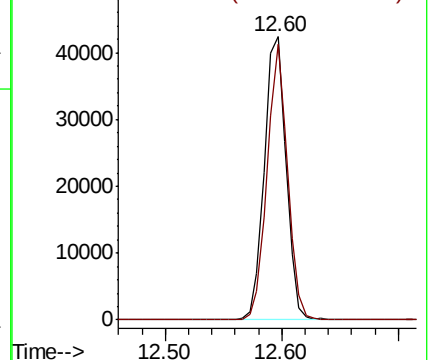
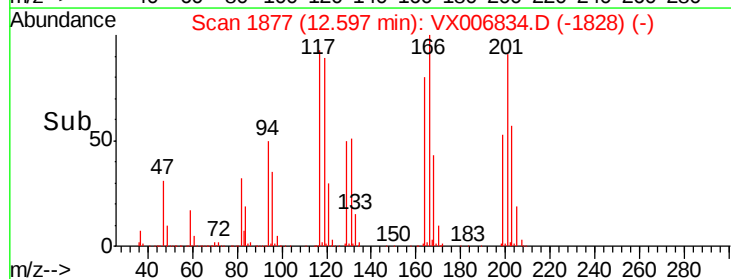
117 100

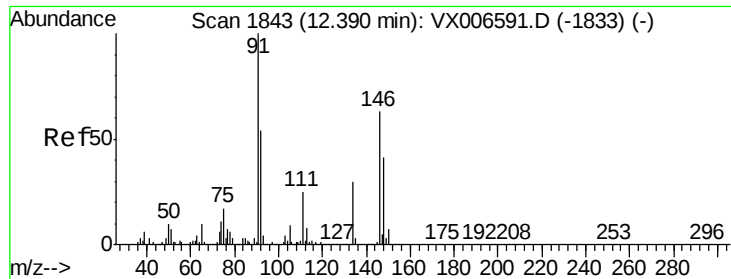
201 90.7 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

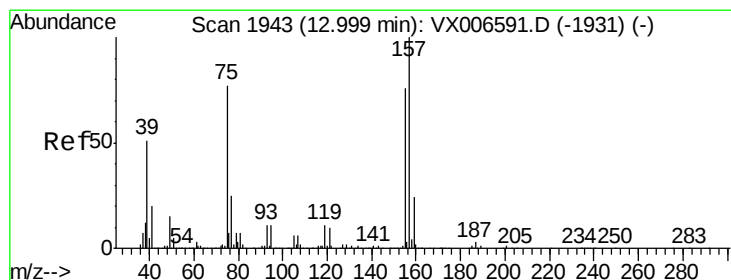
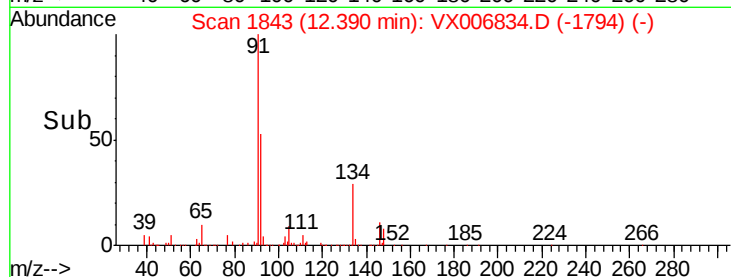
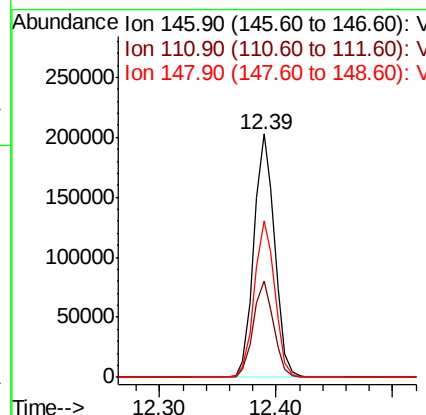
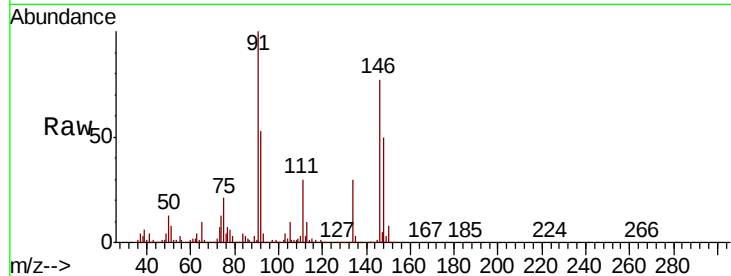




#91
 1,2-Dichlorobenzene
 Concen: 19.776 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

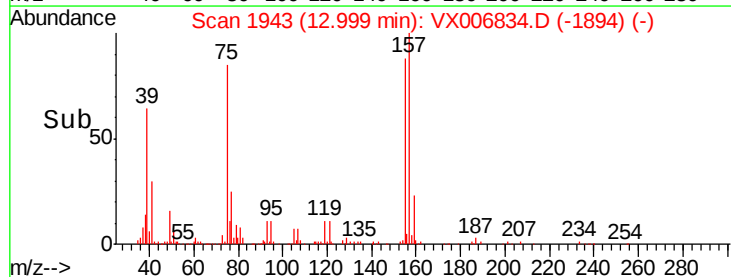
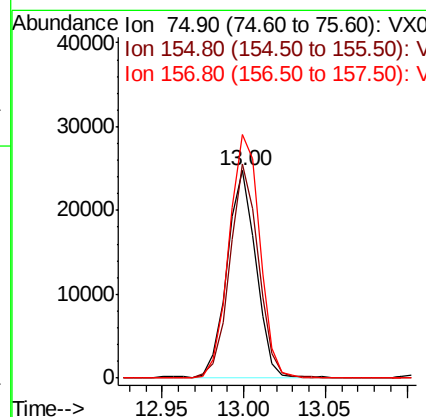
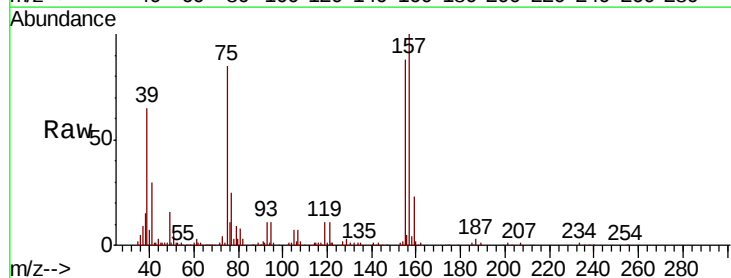
Instrument :
 MSVOA_X
 ClientSampled :

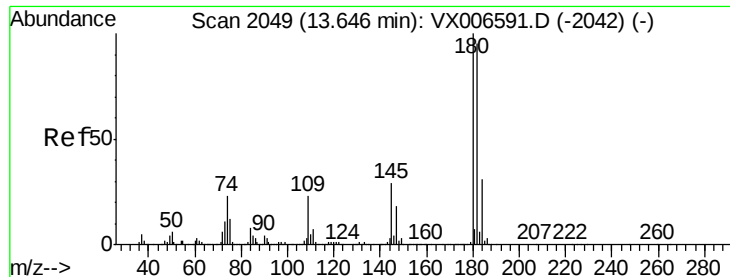
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	64.0	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.913 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.5	50.6	151.8
157	125.0	64.6	193.8

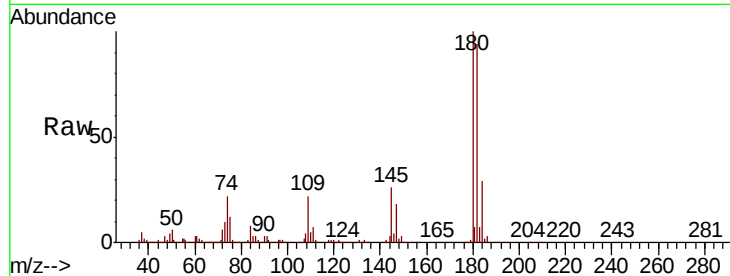




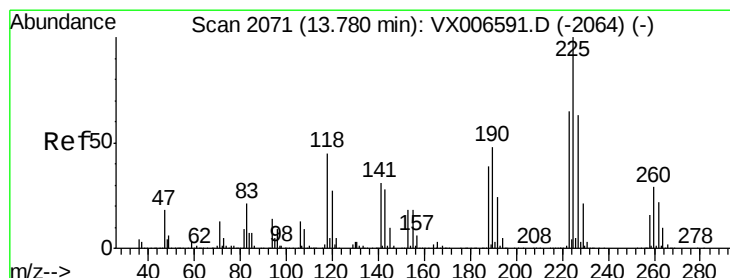
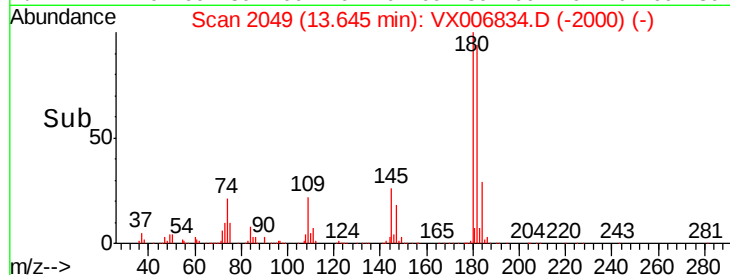
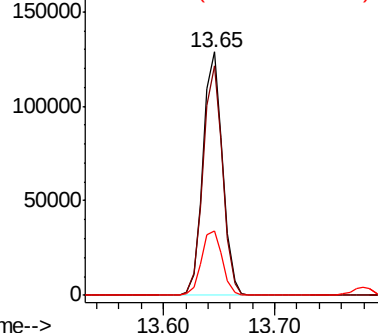
#93
 1,2,4-Trichlorobenzene
 Concen: 17.665 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	28.3	14.8	44.3

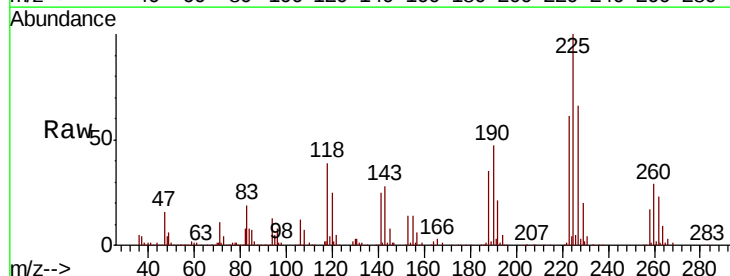


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

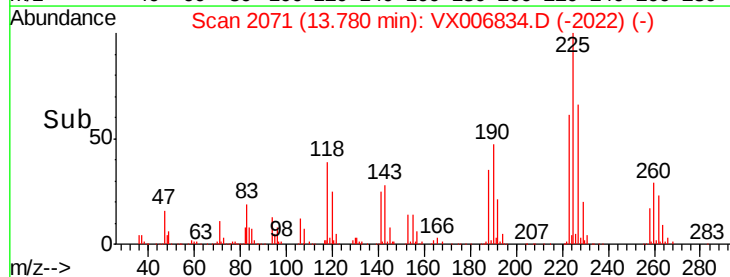
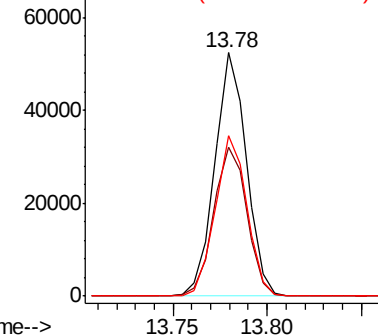


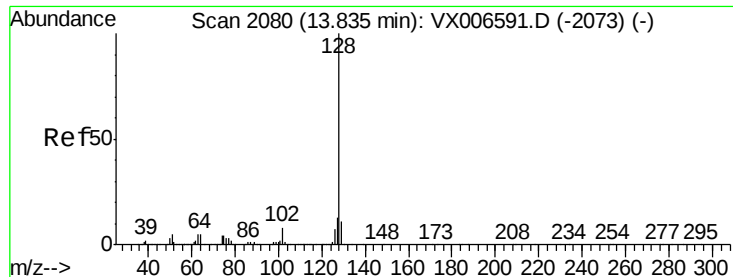
#94
 Hexachlorobutadiene
 Concen: 14.716 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006834.D
 Acq: 27 Dec 2018 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.1	96.3
227	65.9	32.3	96.8



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: 17.156 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

Instrument :

MSVOA_X

ClientSampled :

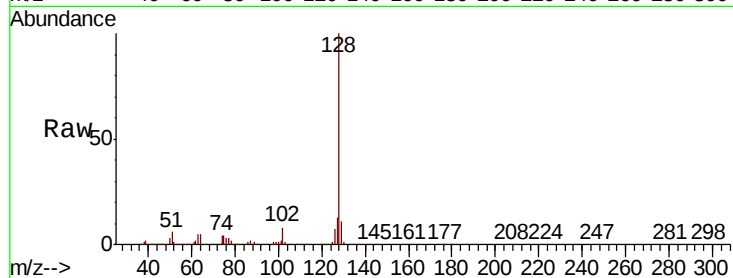
Tot Ion:128 Resp: 482183

Ion Ratio Lower Upper

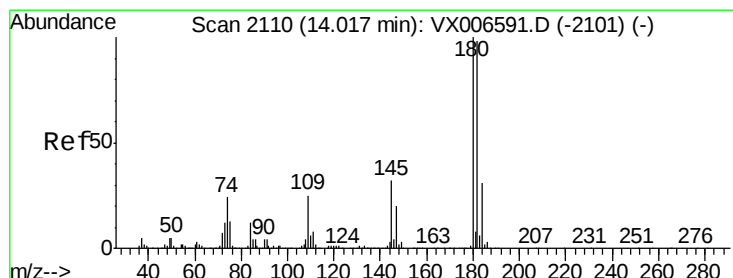
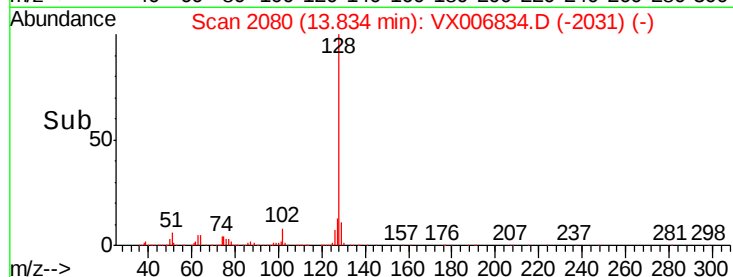
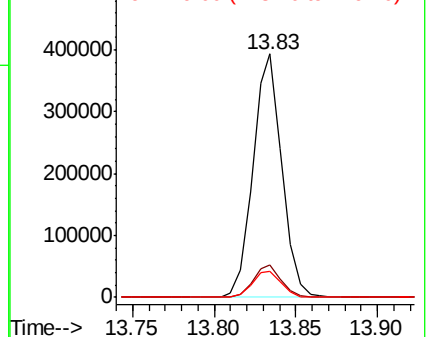
128 100

127 13.0 10.1 15.1

129 11.0 8.6 13.0



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: 17.025 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006834.D

Acq: 27 Dec 2018 11:36

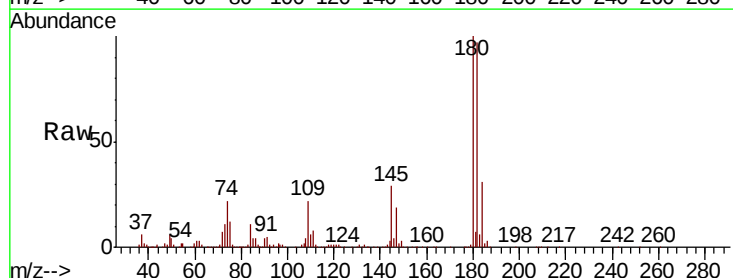
Tgt Ion:180 Resp: 154793

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.5

145 30.1 16.0 47.9



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

