

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006691.D
 Acq On : 20 Dec 2018 22:54
 Operator : JC/MD
 Sample : VX1220WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 03:36:27 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	569814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	886503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	818243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	414368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	318763	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	5.50	113	282666	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	1076864	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	387953	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95558	18.331	ug/l	99
3) Chloromethane	1.33	50	103830	18.488	ug/l	98
4) Vinyl Chloride	1.41	62	116389	19.843	ug/l	99
5) Bromomethane	1.64	94	107965	18.518	ug/l	95
6) Chloroethane	1.73	64	77436	19.067	ug/l	97
7) Trichlorofluoromethane	1.93	101	182559	19.963	ug/l	99
8) Diethyl Ether	2.19	74	70476	19.403	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104475	19.458	ug/l	99
10) Methyl Iodide	2.51	142	150576	19.591	ug/l	99
11) Tert butyl alcohol	3.07	59	151509	110.546	ug/l	99
12) 1,1-Dichloroethene	2.38	96	100326	19.706	ug/l	97
13) Acrolein	2.30	56	73264	79.240	ug/l	99
14) Allyl chloride	2.73	41	167606	19.558	ug/l	98
15) Acrylonitrile	3.15	53	323336	106.254	ug/l	98
16) Acetone	2.45	43	273706	97.008	ug/l	100
17) Carbon Disulfide	2.57	76	220521	16.368	ug/l	99
18) Methyl Acetate	2.78	43	181258	21.848	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	351295	20.790	ug/l	99
20) Methylene Chloride	2.86	84	116354	19.943	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	107157	18.996	ug/l	96
22) Diisopropyl ether	3.87	45	331718	21.159	ug/l	99
23) Vinyl Acetate	3.82	43	1279924	99.809	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182478	19.498	ug/l	98
25) 2-Butanone	4.70	43	409898	103.282	ug/l	100
26) 2,2-Dichloropropane	4.59	77	112647	15.582	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	128781	20.692	ug/l	94
28) Bromochloromethane	5.02	49	84863	20.414	ug/l	98
29) Tetrahydrofuran	5.15	42	276074	105.616	ug/l	99
30) Chloroform	5.21	83	198577	20.490	ug/l	97
31) Cyclohexane	5.57	56	163042	19.176	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	161806	19.773	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142214	19.369	ug/l	99
37) Ethyl Acetate	4.85	43	155715	20.376	ug/l	99
38) Carbon Tetrachloride	5.78	117	135212	18.949	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006691.D
 Acq On : 20 Dec 2018 22:54
 Operator : JC/MD
 Sample : VX1220WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 03:36:27 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	178155	18.430	ug/l	97
40) Benzene	6.15	78	450860	20.201	ug/l	97
41) Methacrylonitrile	5.06	41	86519	21.324	ug/l	99
42) 1,2-Dichloroethane	6.20	62	155167	20.403	ug/l	98
43) Isopropyl Acetate	6.46	43	233465	20.078	ug/l	99
44) Trichloroethene	7.21	130	131588	19.480	ug/l	94
45) 1,2-Dichloropropane	7.51	63	109035	20.076	ug/l	98
46) Dibromomethane	7.66	93	78664	19.691	ug/l	100
47) Bromodichloromethane	7.90	83	124507	18.773	ug/l	97
48) Methyl methacrylate	7.77	41	124213	21.007	ug/l	99
49) 1,4-Dioxane	7.75	88	64625	405.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	800830	108.245	ug/l	99
52) Toluene	8.79	92	295186	20.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	124333	17.479	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	146519	18.773	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	118328	20.050	ug/l	98
56) Ethyl methacrylate	9.18	69	172513	20.682	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192269	20.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	444558	100.262	ug/l	100
59) 2-Hexanone	9.49	43	607790	107.372	ug/l	100
60) Dibromochloromethane	9.59	129	103281	18.279	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128747	20.522	ug/l	99
64) Tetrachloroethene	9.34	164	131575	20.307	ug/l	97
65) Chlorobenzene	10.14	112	340204	19.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	108439	20.078	ug/l	98
67) Ethyl Benzene	10.25	91	551708	19.504	ug/l	99
68) m/p-Xylenes	10.36	106	443055	39.694	ug/l	99
69) o-Xylene	10.70	106	214339	19.446	ug/l	97
70) Styrene	10.71	104	345551	19.816	ug/l	99
71) Bromoform	10.86	173	70890	17.713	ug/l #	100
73) Isopropylbenzene	11.02	105	574392	20.262	ug/l	99
74) N-amyl acetate	10.90	43	212660	20.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178366	21.157	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	186116	24.169	ug/l	91
77) Bromobenzene	11.26	156	153174	19.986	ug/l	98
78) n-propylbenzene	11.36	91	633524	20.294	ug/l	99
79) 2-Chlorotoluene	11.42	91	378608	20.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	479585	20.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32738	16.075	ug/l #	80
82) 4-Chlorotoluene	11.51	91	431958	19.906	ug/l	100
83) tert-Butylbenzene	11.77	119	469836	20.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	487244	19.840	ug/l	99
85) sec-Butylbenzene	11.94	105	573979	20.033	ug/l	100
86) p-Isopropyltoluene	12.06	119	509144	20.216	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275763	19.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	273336	19.304	ug/l	97
89) n-Butylbenzene	12.39	91	420562	19.621	ug/l	99
90) Hexachloroethane	12.60	117	64163	18.499	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	274095	19.837	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32693	18.741	ug/l	97

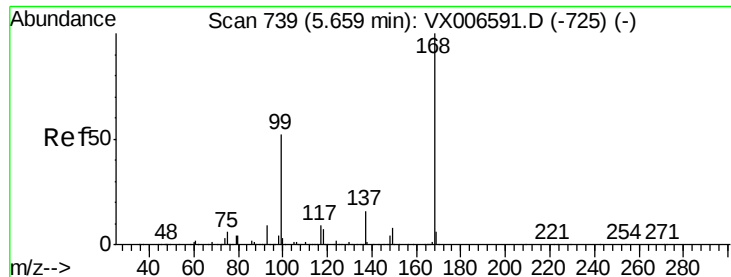
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006691.D
Acq On : 20 Dec 2018 22:54
Operator : JC/MD
Sample : VX1220WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 21 03:36:27 2018
Quant Method : Z:\V0ASRV\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	181849	19.080	ug/l	99
94) Hexachlorobutadiene	13.78	225	82018	18.257	ug/l	98
95) Naphthalene	13.83	128	591982	19.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	187659	19.070	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

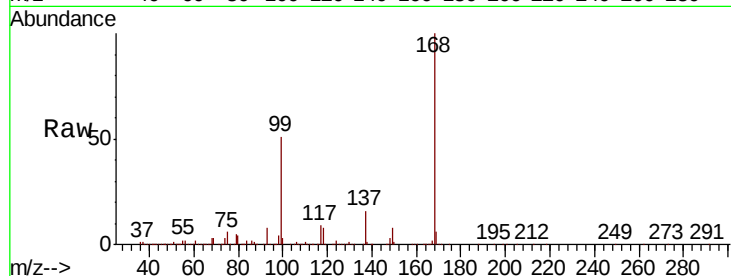
ClientSampled :

Tot Ion:168 Resp: 569814

Ion Ratio Lower Upper

168 100

99 51.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

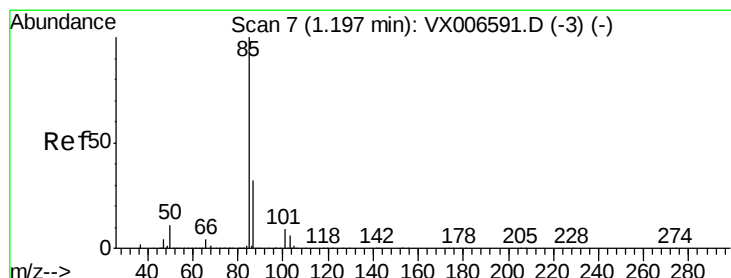
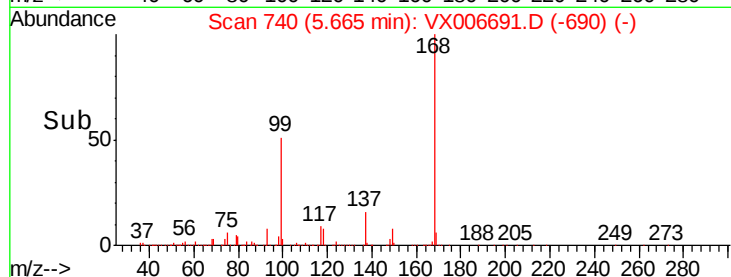
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.331 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006691.D

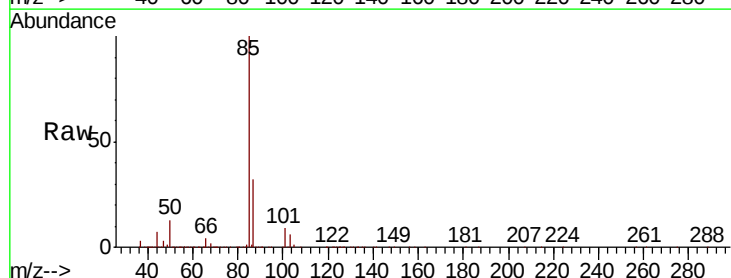
Acq: 20 Dec 2018 22:54

Tgt Ion: 85 Resp: 95558

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

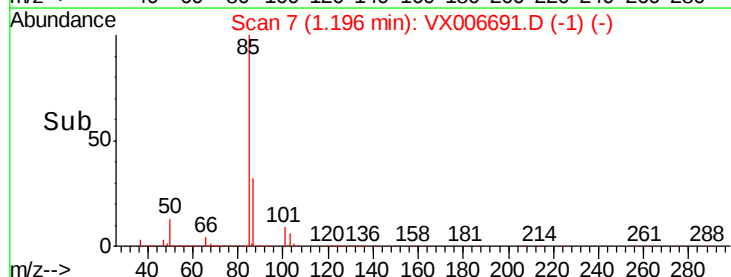
40000

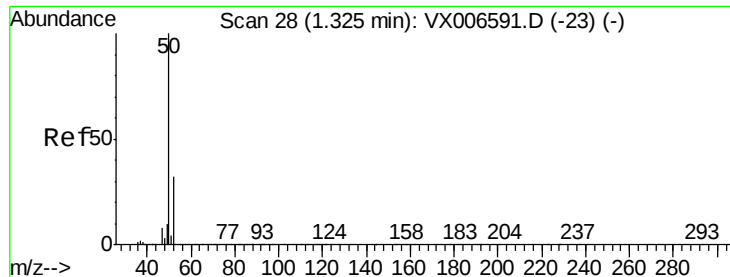
20000

0

1.15 1.20 1.25 1.30

Time-->

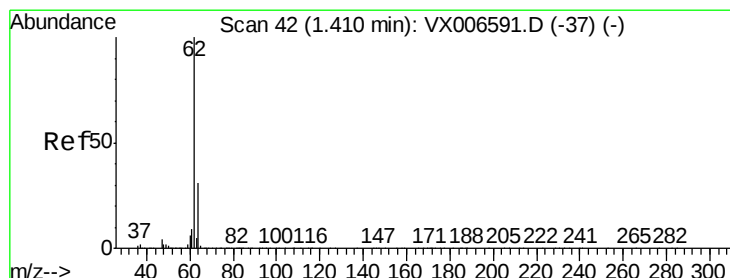
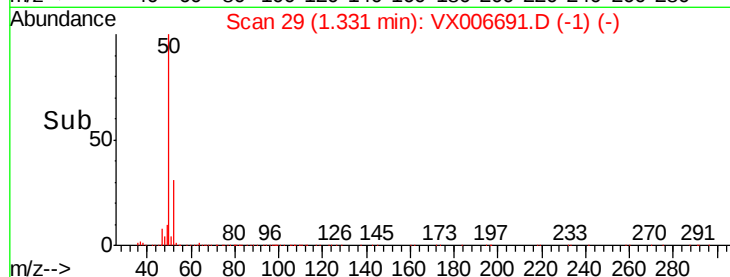
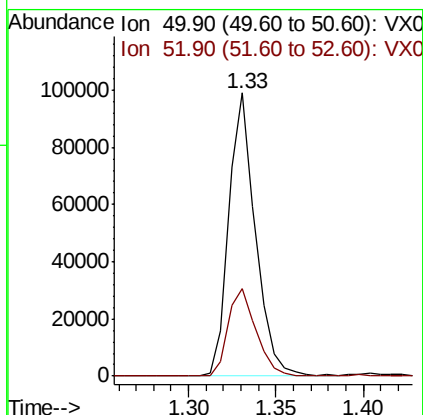
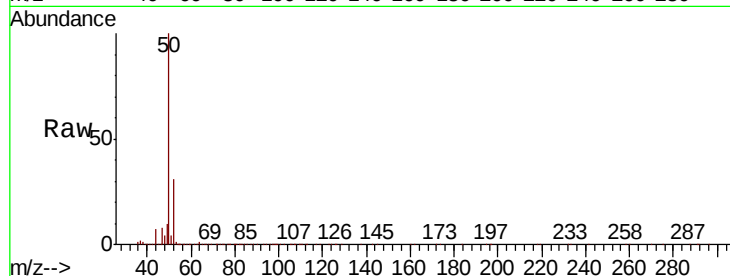




#3
Chloromethane
Concen: 18.488 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

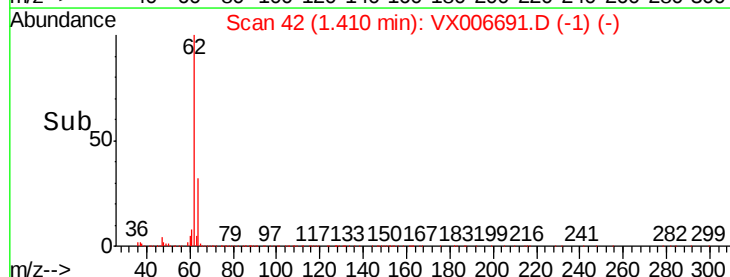
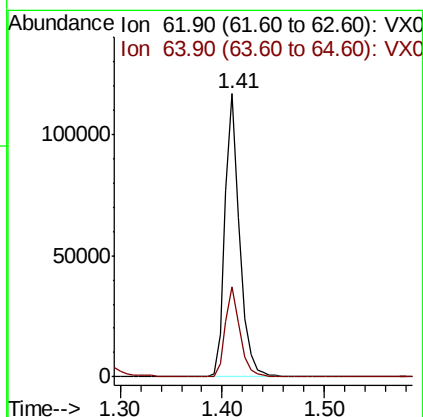
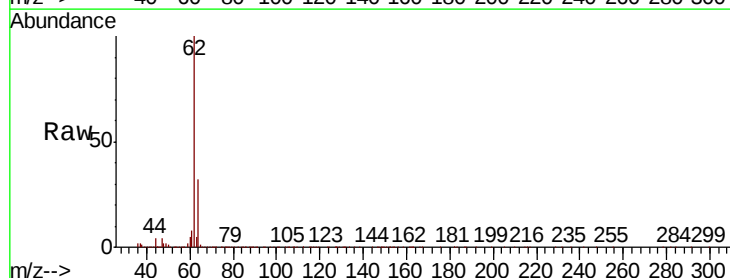
Instrument :
MSVOA_X
ClientSampled :

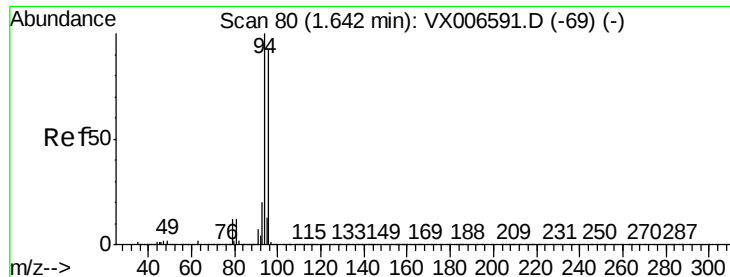
Tot Ion: 50 Resp: 103830
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2



#4
Vinyl Chloride
Concen: 19.843 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 62 Resp: 116389
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5

Bromomethane

Concen: 18.518 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

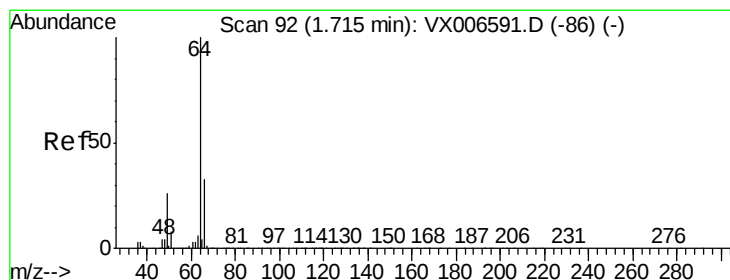
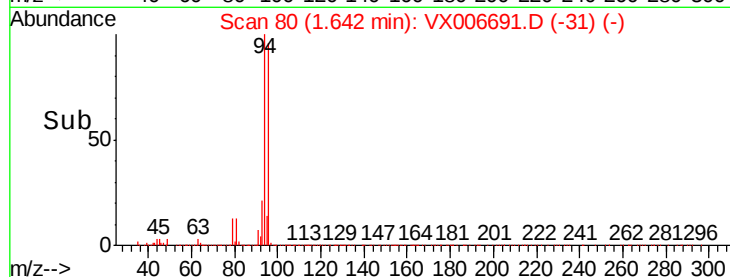
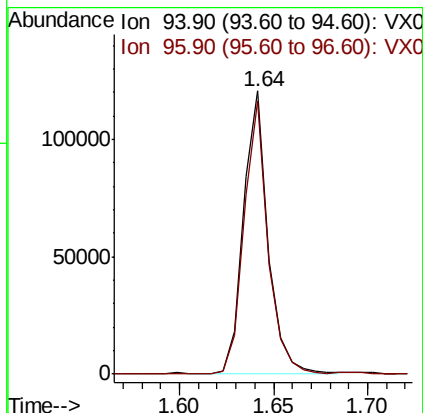
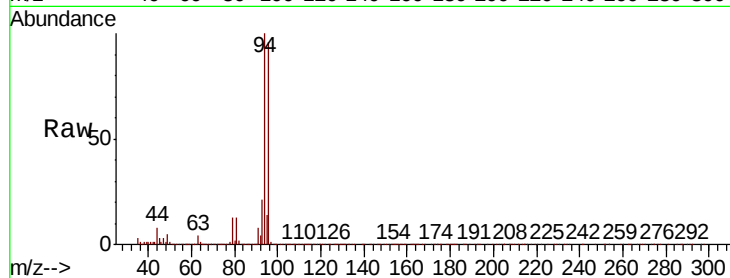
ClientSampleId :

Tot Ion: 94 Resp: 107965

Ion Ratio Lower Upper

94 100

96 96.5 73.4 110.2



#6

Chloroethane

Concen: 19.067 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006691.D

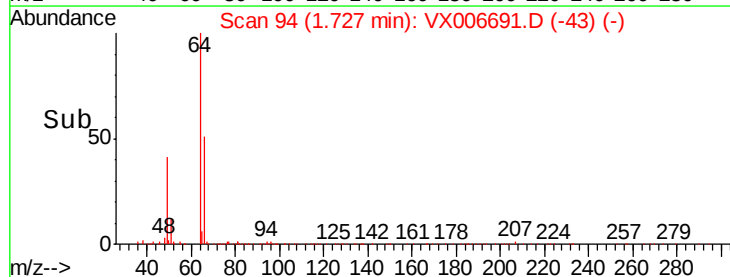
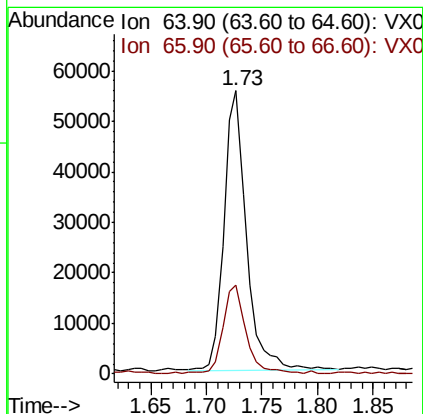
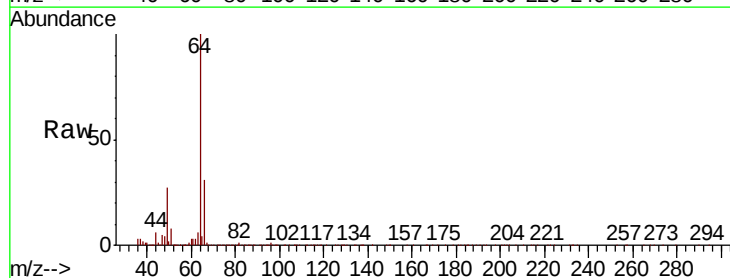
Acq: 20 Dec 2018 22:54

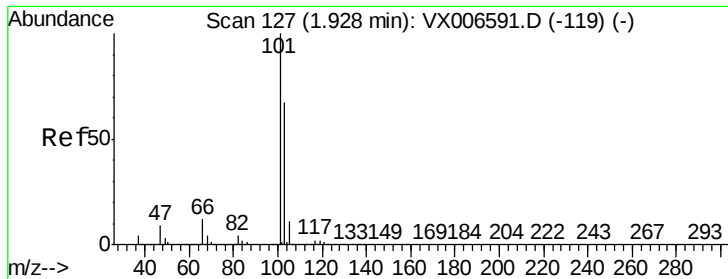
Tgt Ion: 64 Resp: 77436

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6



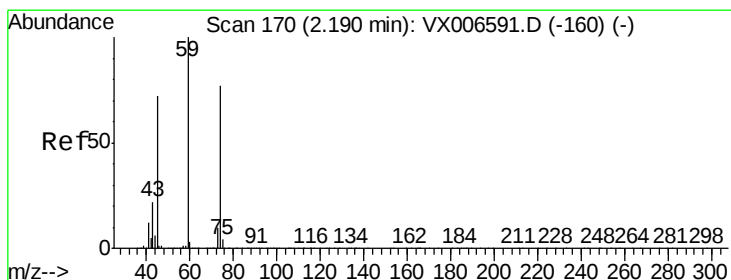
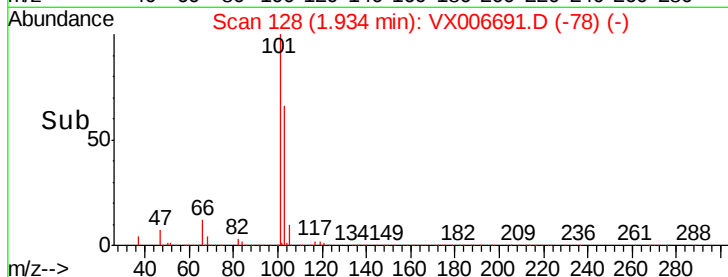
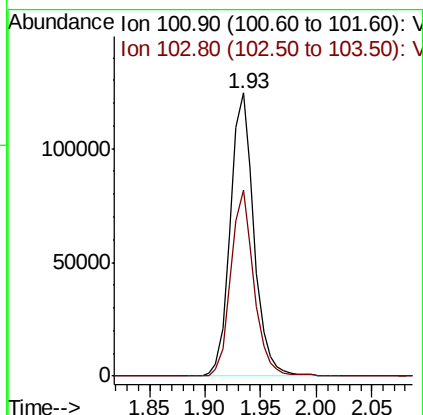
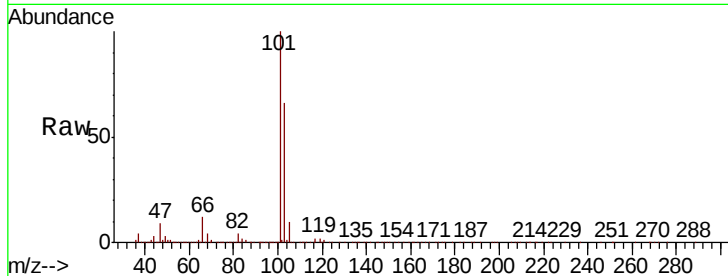


#7

Trichlorofluoromethane
Concen: 19.963 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

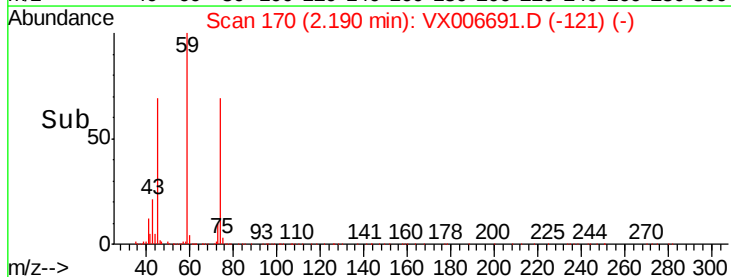
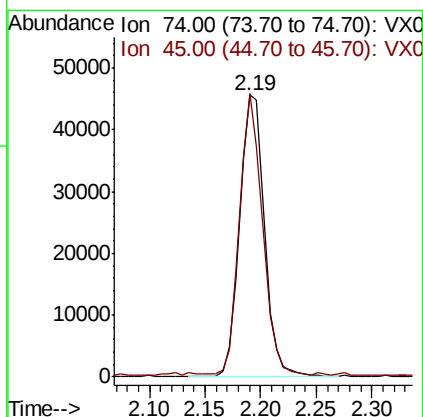
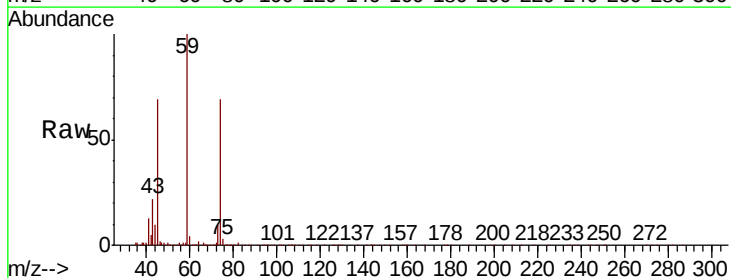
Tot Ion:101 Resp: 182559
Ion Ratio Lower Upper
101 100
103 65.8 53.2 79.8

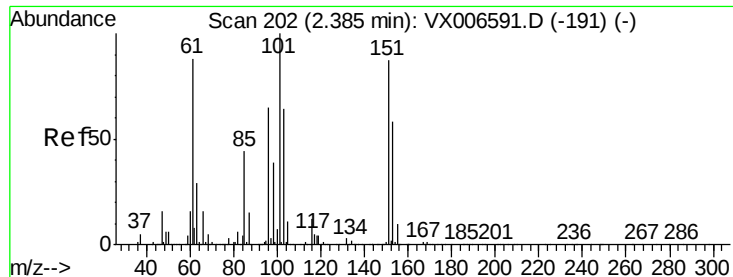


#8

Diethyl Ether
Concen: 19.403 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 74 Resp: 70476
Ion Ratio Lower Upper
74 100
45 92.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.458 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

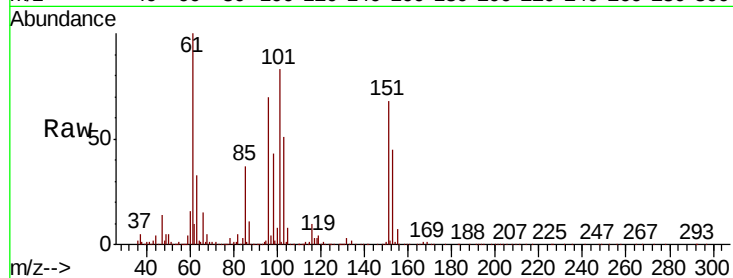
Tot Ion:101 Resp: 104475

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

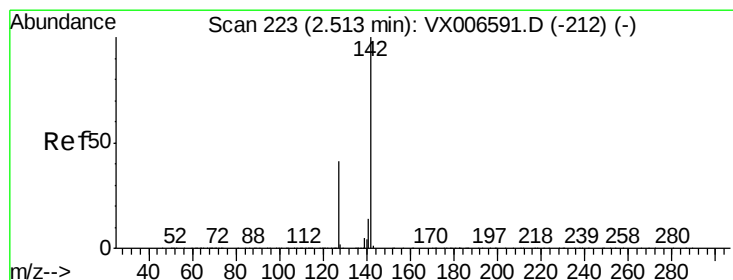
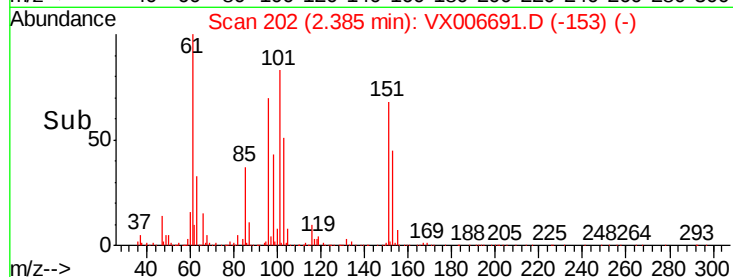
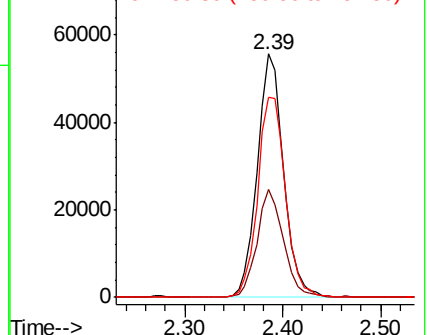
151 86.8 68.9 103.3



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: 19.591 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

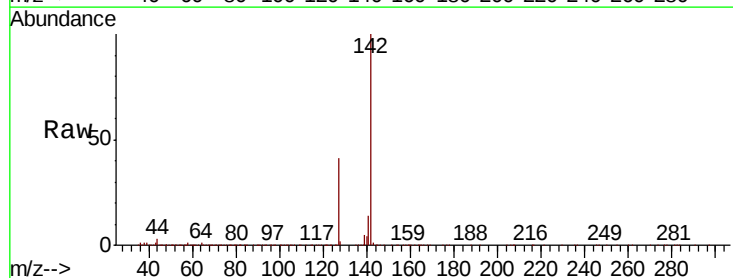
Tgt Ion:142 Resp: 150576

Ion Ratio Lower Upper

142 100

127 41.8 33.9 50.9

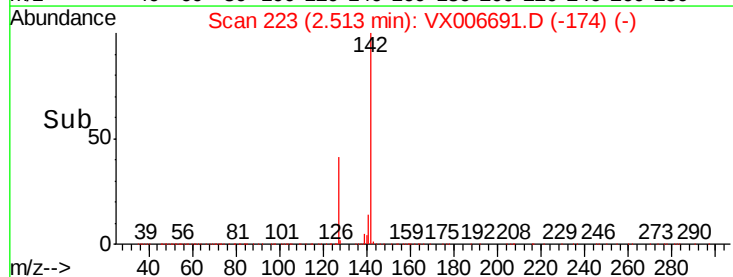
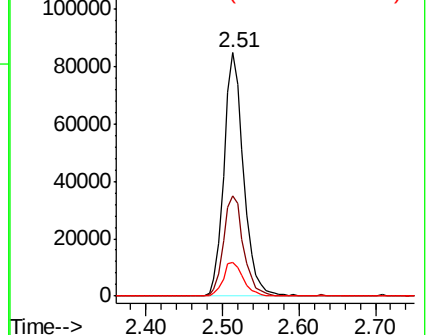
141 14.4 11.4 17.0

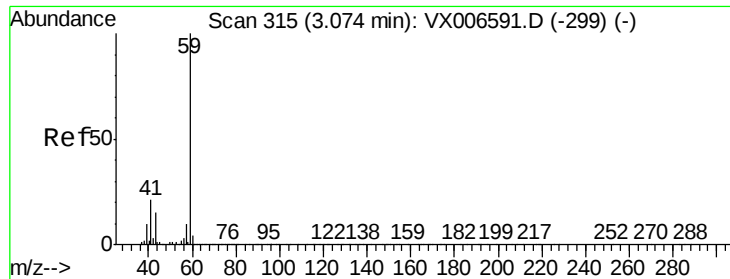


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

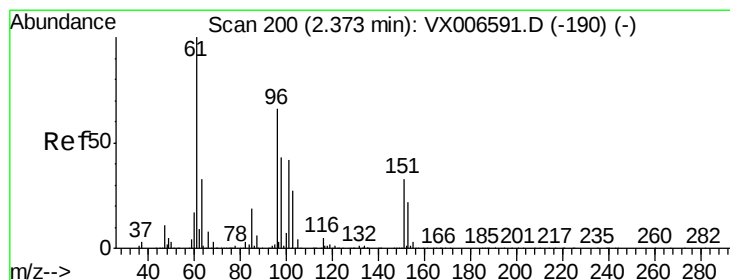
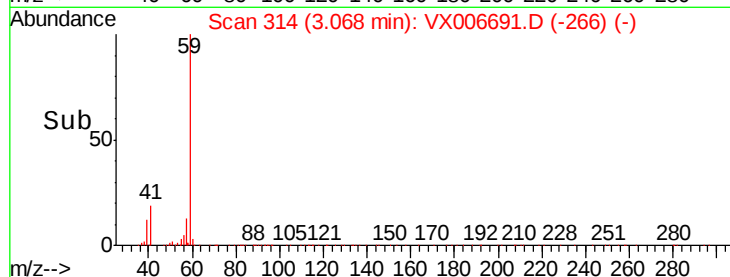
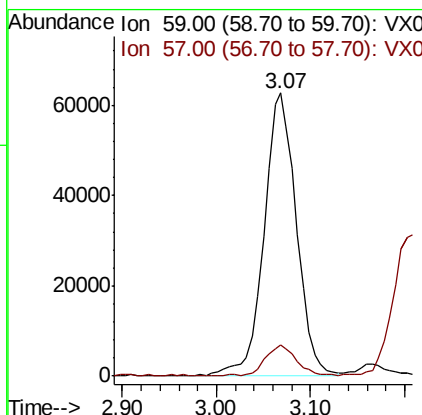
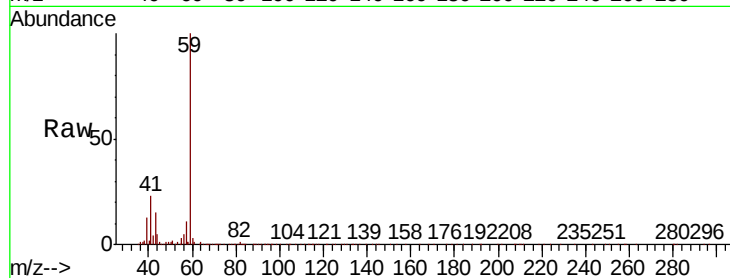




#11
Tert butyl alcohol
Concen: 110.546 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

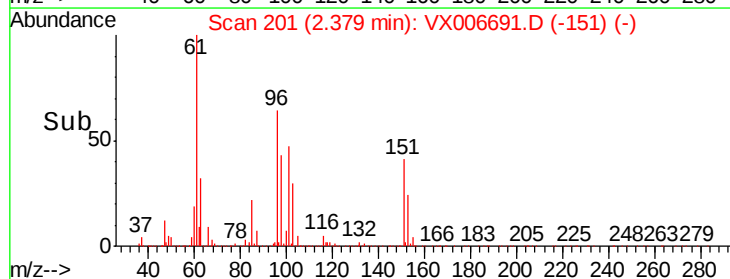
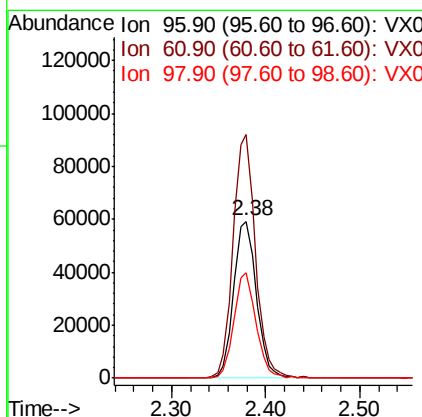
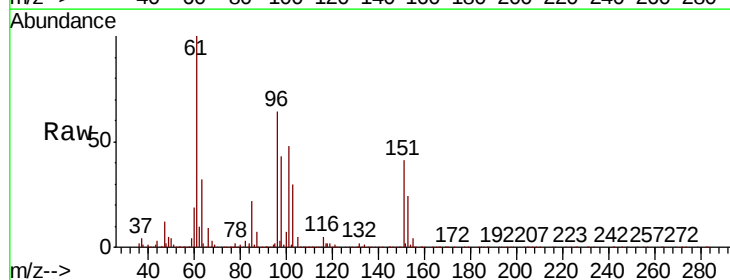
Instrument :
MSVOA_X
ClientSampleId :

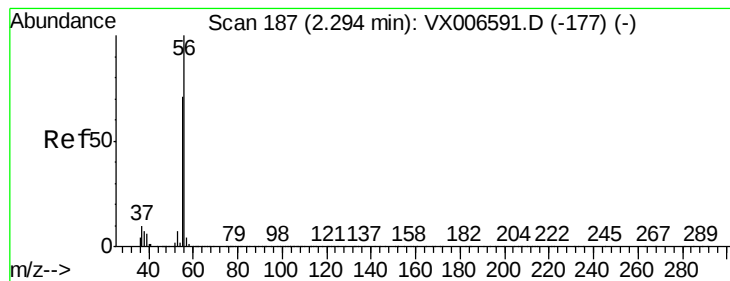
Tot Ion: 59 Resp: 151509
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.706 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 96 Resp: 100326
Ion Ratio Lower Upper
96 100
61 155.0 121.4 182.2
98 66.9 51.9 77.9





#13

Acrolein

Concen: 79.240 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

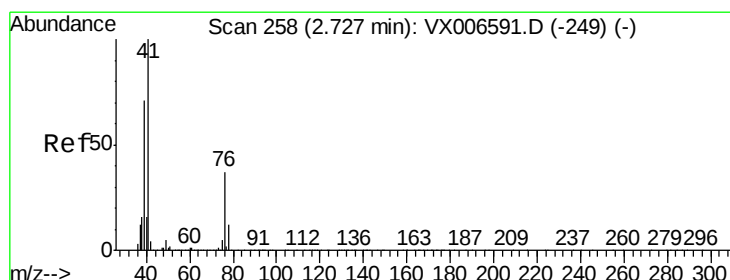
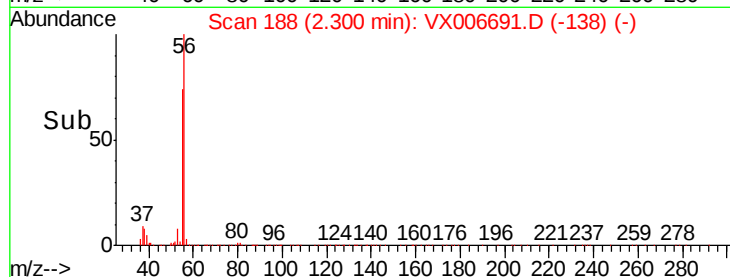
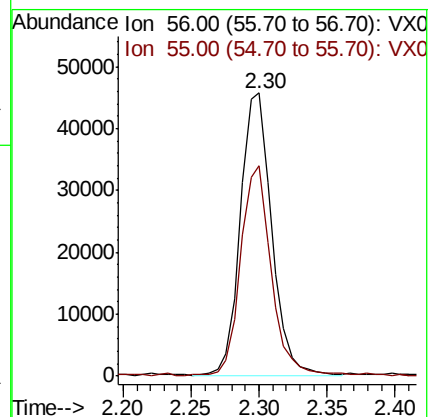
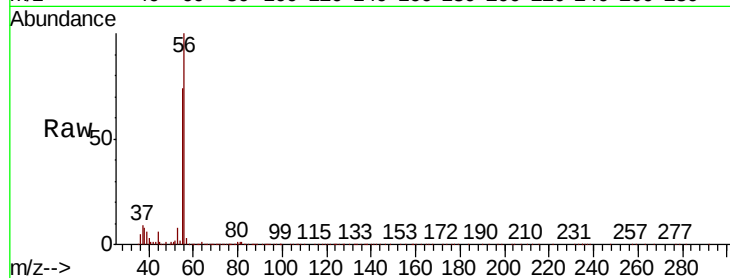
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 73264

Ion Ratio Lower Upper

56 100

55 71.8 58.2 87.4



#14

Allyl chloride

Concen: 19.558 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

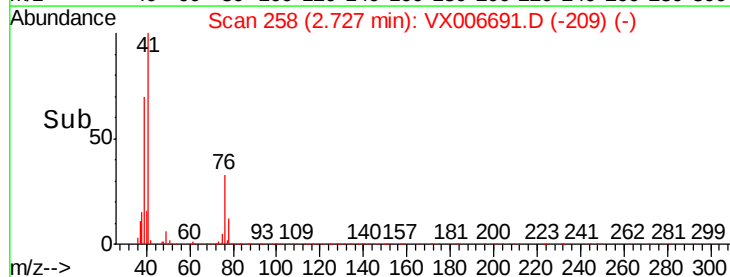
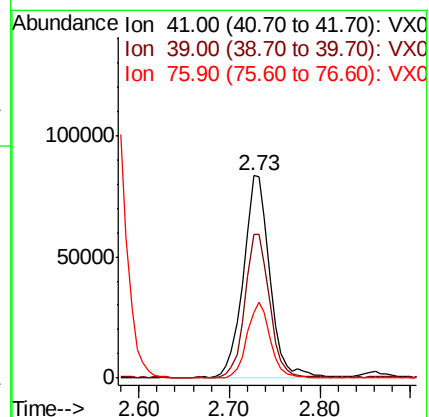
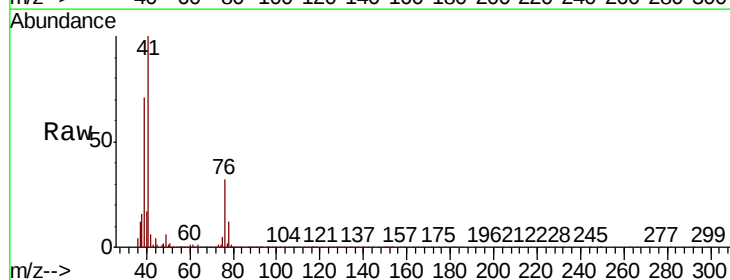
Tgt Ion: 41 Resp: 167606

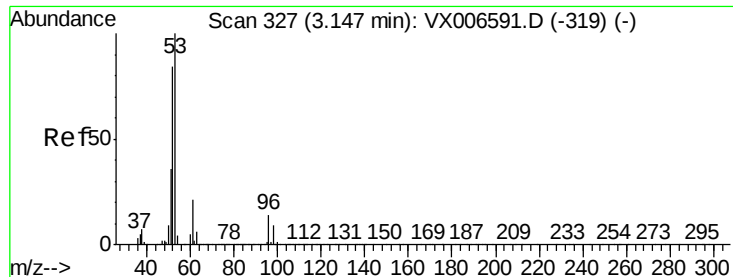
Ion Ratio Lower Upper

41 100

39 65.8 53.6 80.4

76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 106.254 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

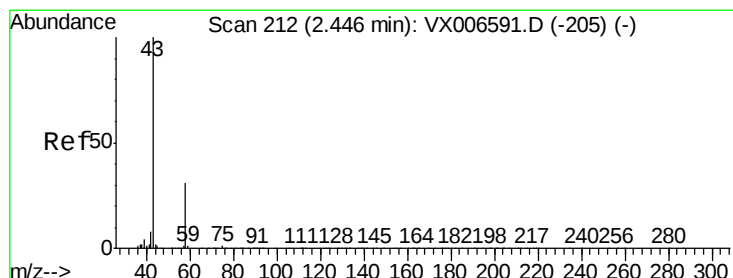
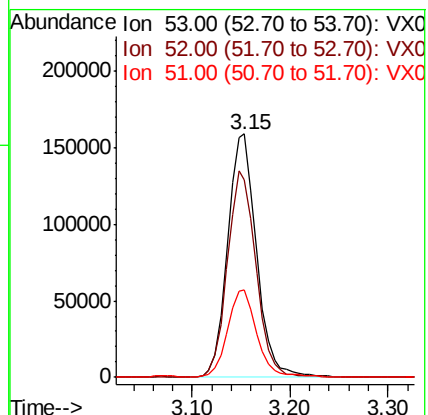
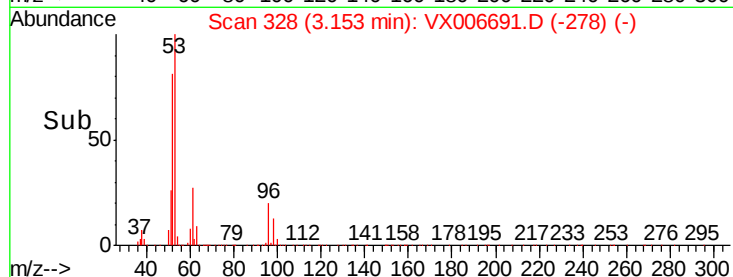
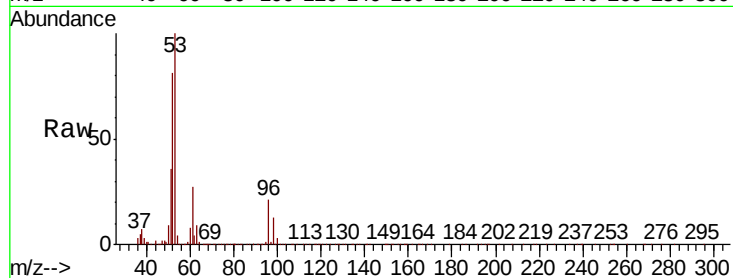
Tot Ion: 53 Resp: 323336

Ion Ratio Lower Upper

53 100

52 84.6 66.0 99.0

51 36.6 28.6 42.8



#16

Acetone

Concen: 97.008 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006691.D

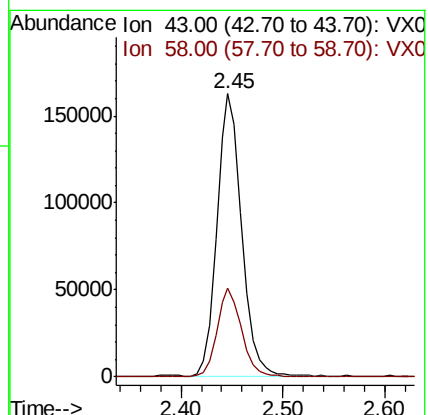
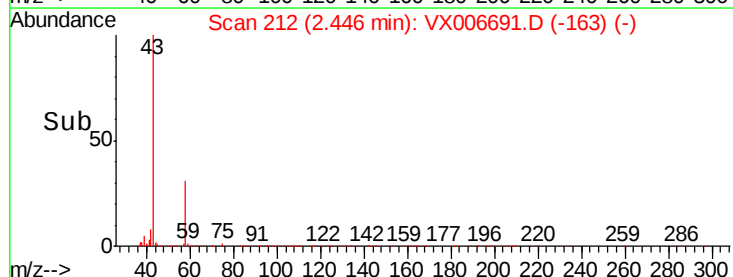
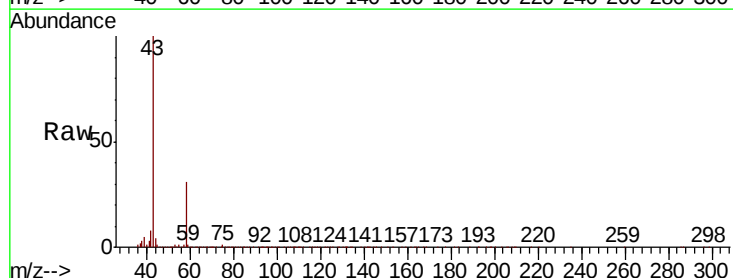
Acq: 20 Dec 2018 22:54

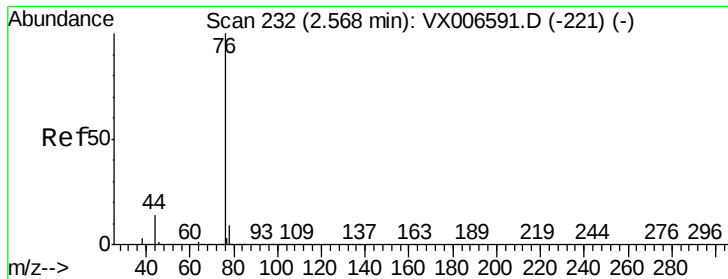
Tgt Ion: 43 Resp: 273706

Ion Ratio Lower Upper

43 100

58 31.2 25.0 37.6





#17

Carbon Disulfide

Concen: 16.368 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

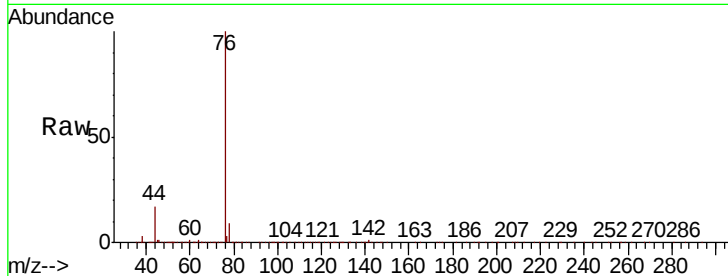
ClientSampled :

Tot Ion: 76 Resp: 220521

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

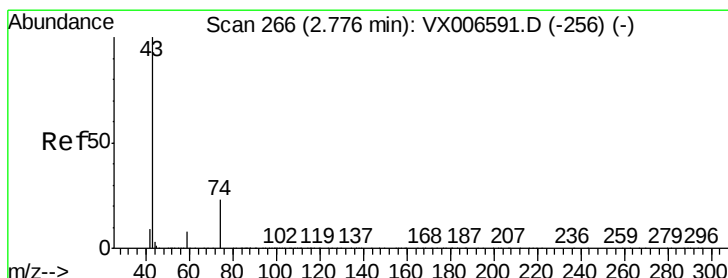
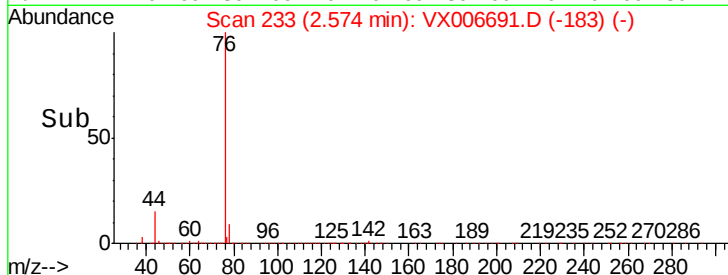
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 21.848 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006691.D

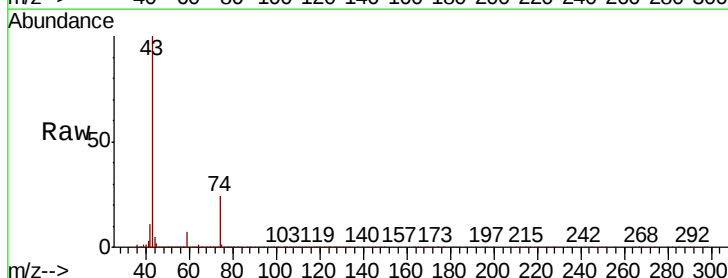
Acq: 20 Dec 2018 22:54

Tgt Ion: 43 Resp: 181258

Ion Ratio Lower Upper

43 100

74 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

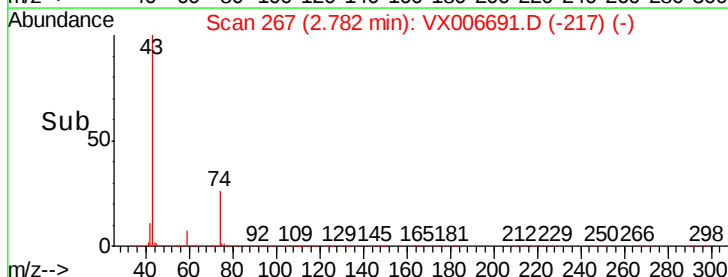
40000

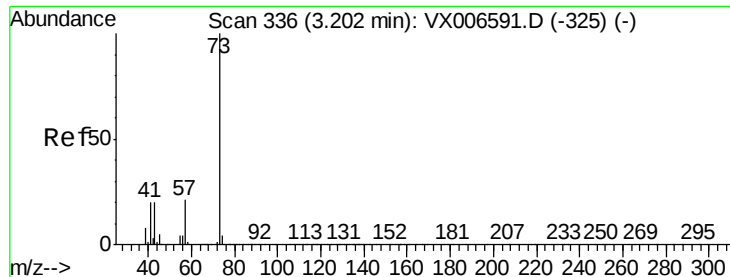
20000

0

2.70 2.80 2.90

Time-->



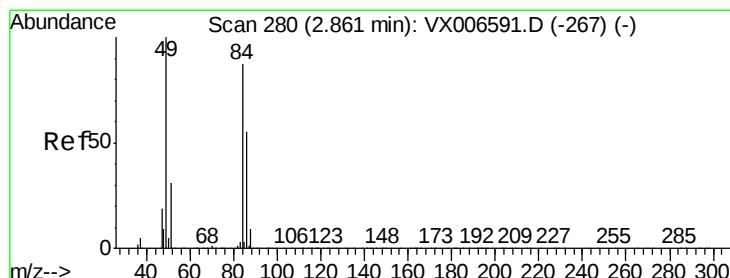
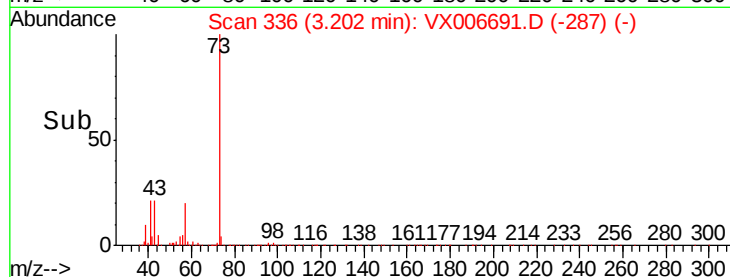
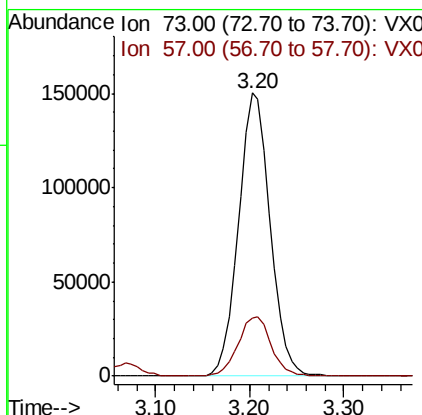
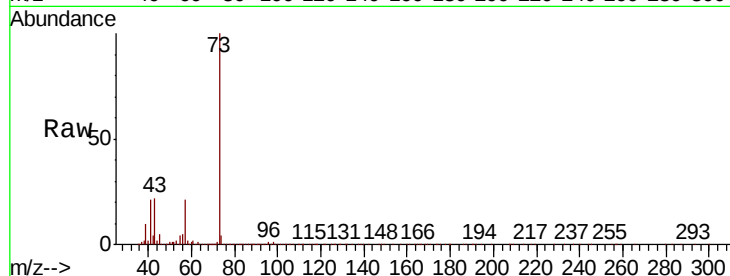


#19

Methyl tert-butyl Ether
 Concen: 20.790 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

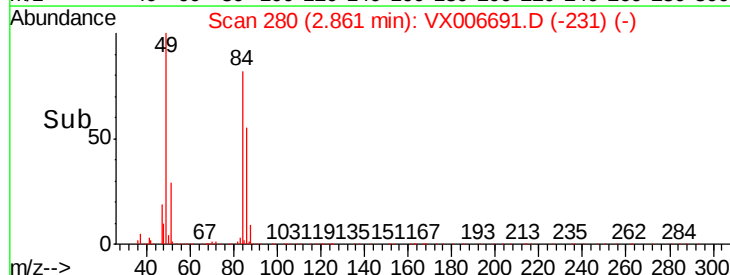
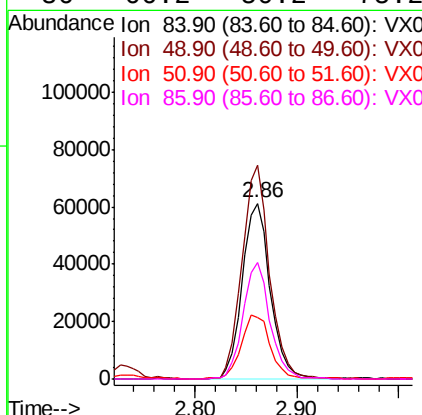
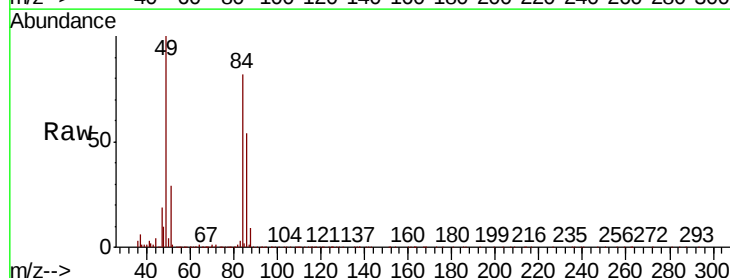
Tot Ion: 73 Resp: 351295
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.8 25.2

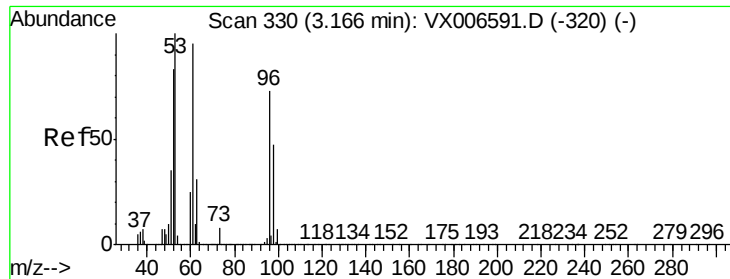


#20

Methylene Chloride
 Concen: 19.943 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion: 84 Resp: 116354
 Ion Ratio Lower Upper
 84 100
 49 121.4 91.8 137.6
 51 34.8 28.5 42.7
 86 66.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.996 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

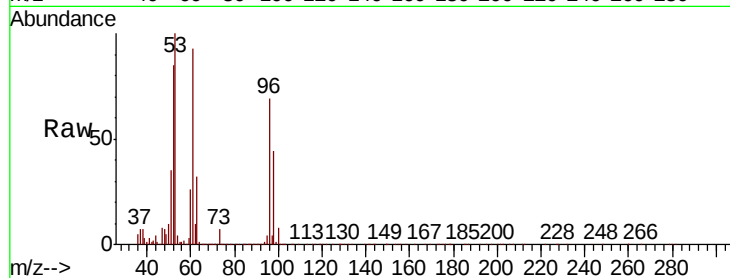
Tot Ion: 96 Resp: 107157

Ion Ratio Lower Upper

96 100

61 135.3 103.7 155.5

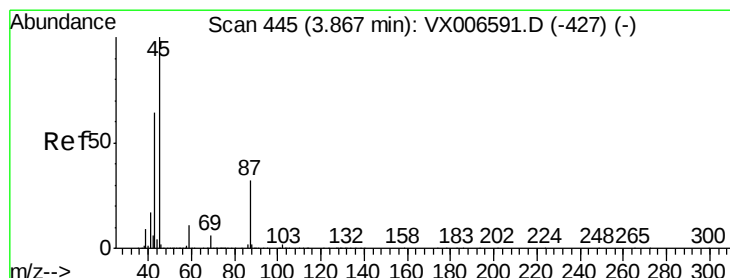
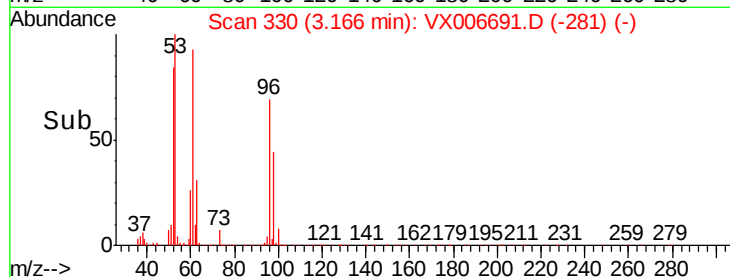
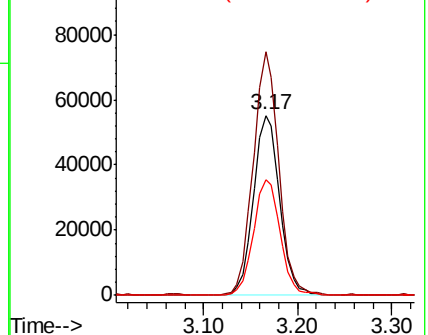
98 64.7 51.0 76.6



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: 21.159 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion: 45 Resp: 331718

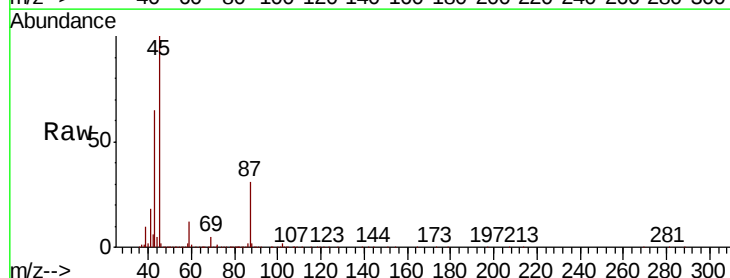
Ion Ratio Lower Upper

45 100

43 65.0 51.2 76.8

87 31.3 25.8 38.6

59 11.9 9.0 13.4

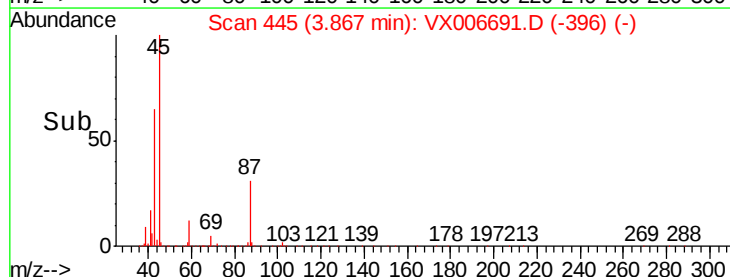
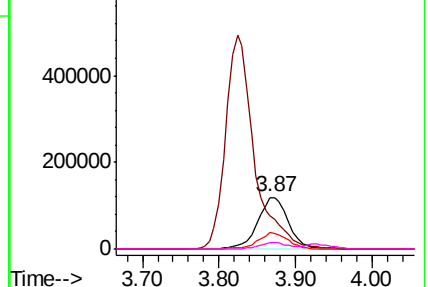


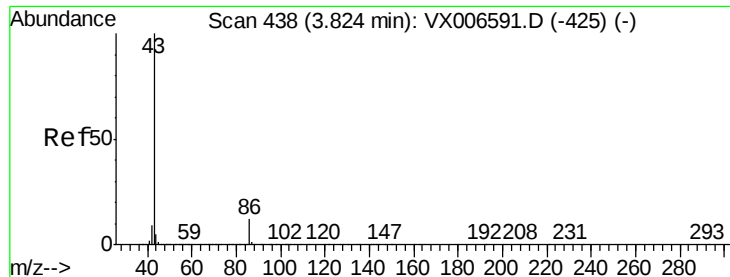
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

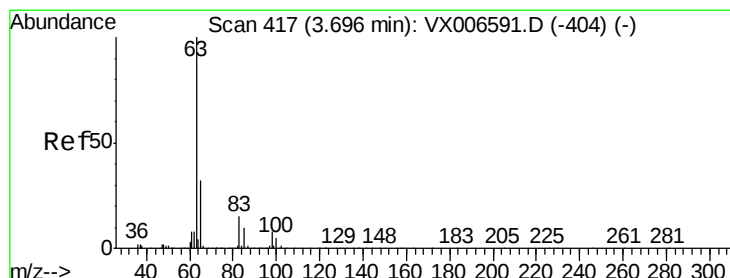
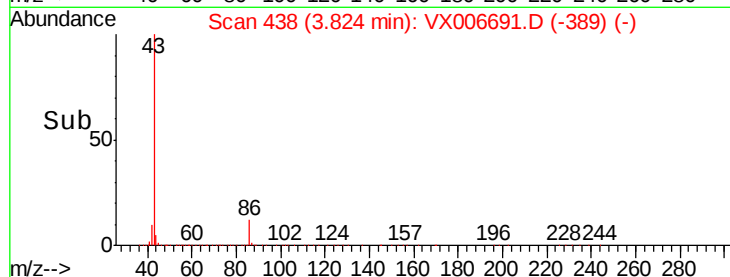
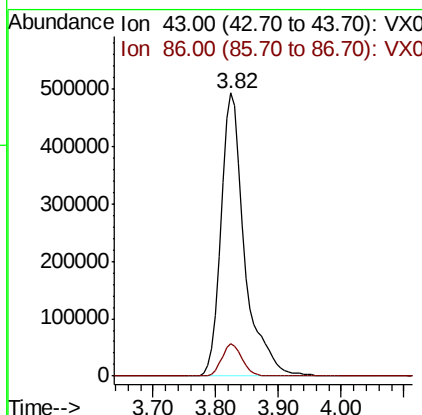
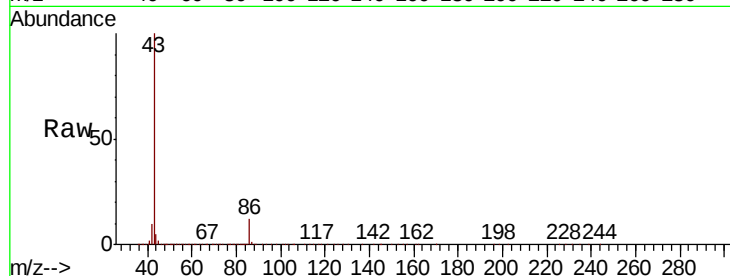




#23
 Vinyl Acetate
 Concen: 99.809 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

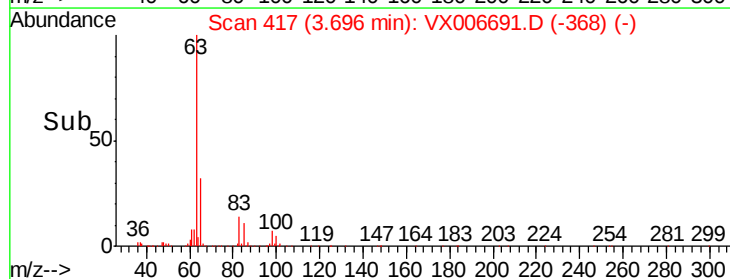
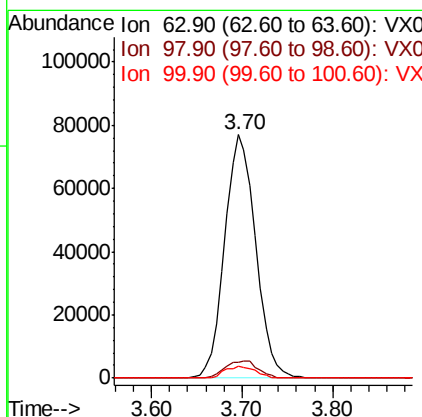
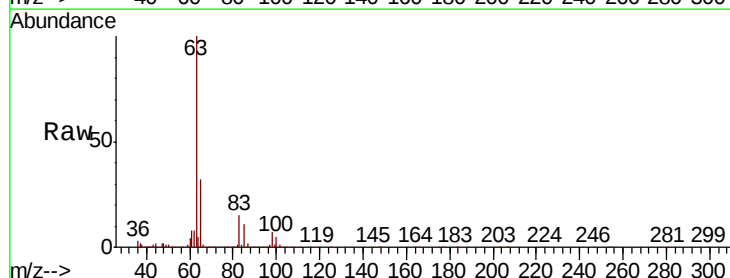
Instrument :
 MSVOA_X
 ClientSampled :

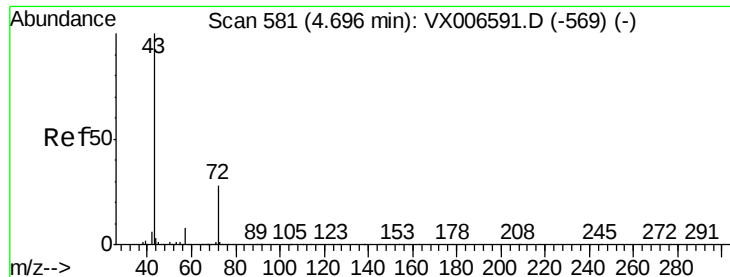
Tot Ion: 43 Resp: 1279924
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.498 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion: 63 Resp: 182478
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.5
 100 5.0 2.4 7.2

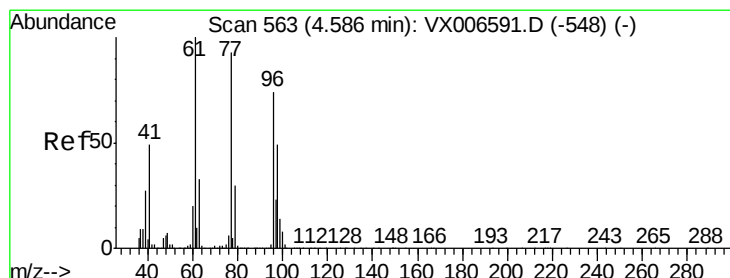
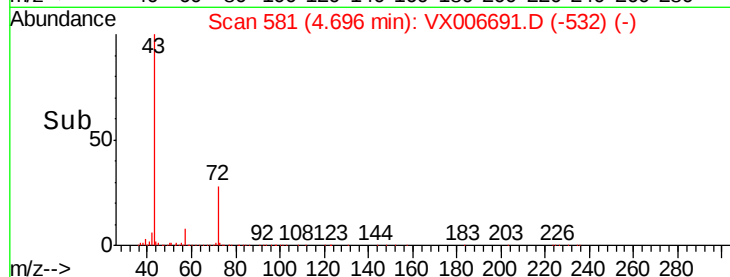
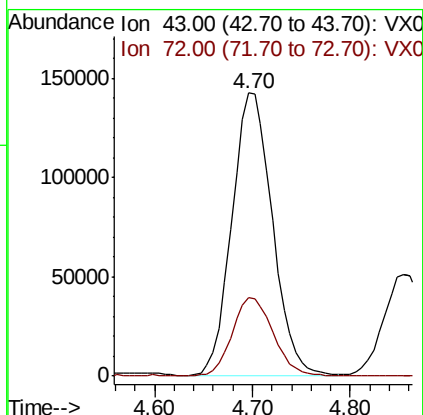
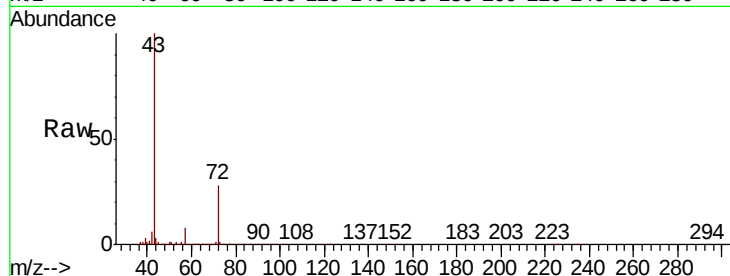




#25
2-Butanone
Concen: 103.282 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

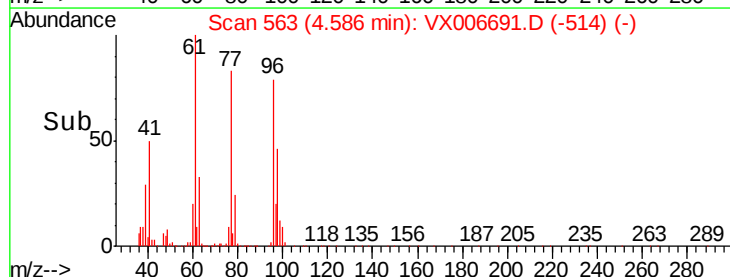
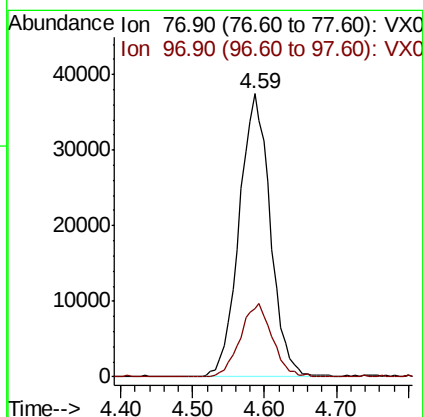
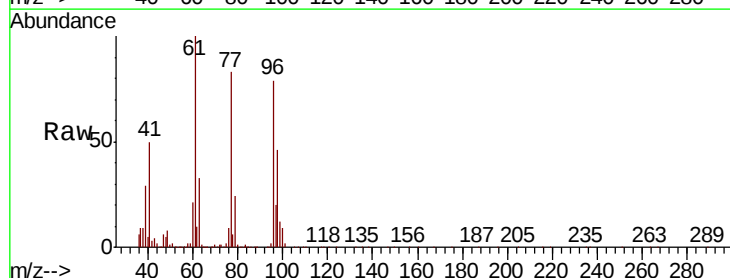
Instrument :
MSVOA_X
ClientSampleId :

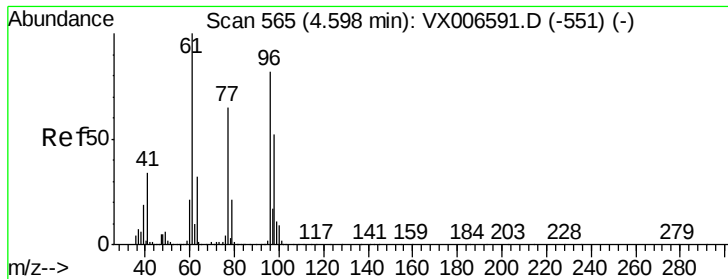
Tot Ion: 43 Resp: 409898
Ion Ratio Lower Upper
43 100
72 27.9 22.4 33.6



#26
2,2-Dichloropropane
Concen: 15.582 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 77 Resp: 112647
Ion Ratio Lower Upper
77 100
97 26.4 12.4 37.4



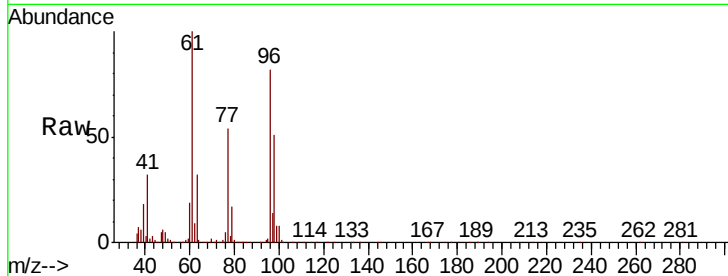


#27

cis-1,2-Dichloroethene
Concen: 20.692 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.6	0.0	258.6
98	62.3	0.0	132.0

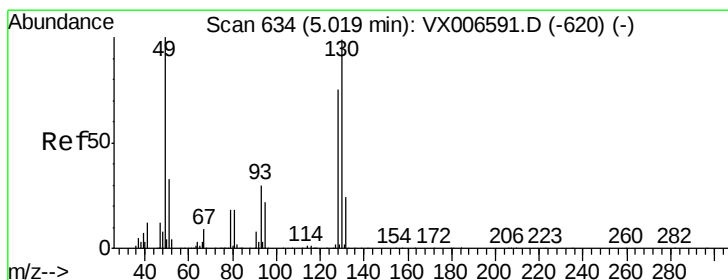
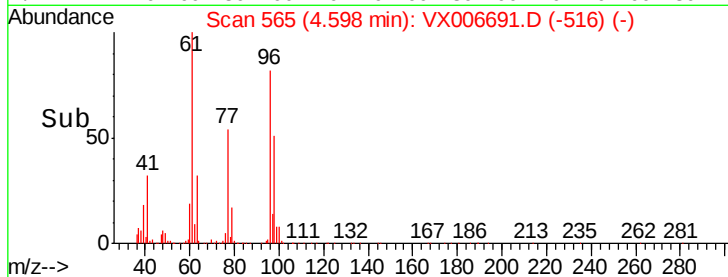
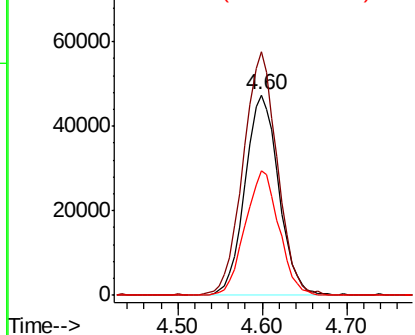


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

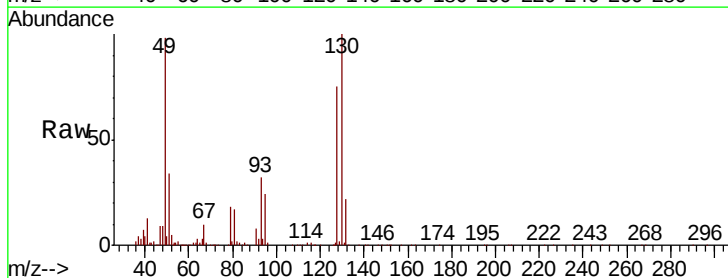
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 20.414 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.4
130	95.0	77.7	116.5

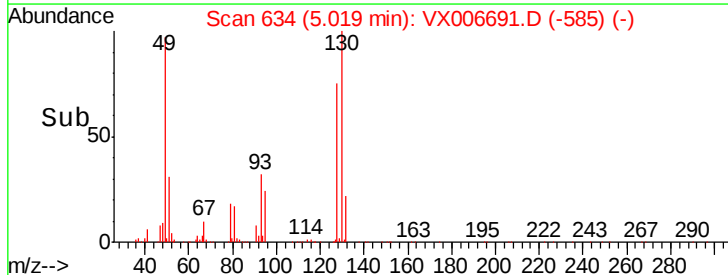
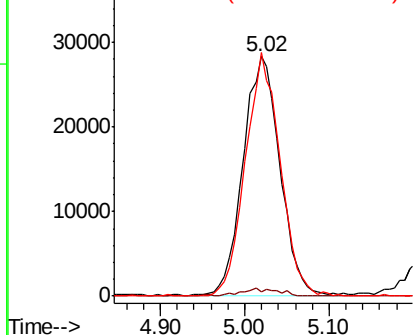


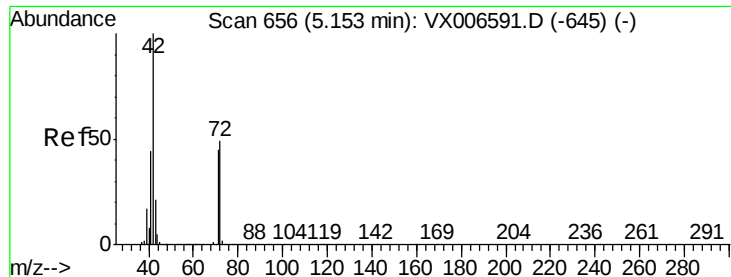
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.616 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

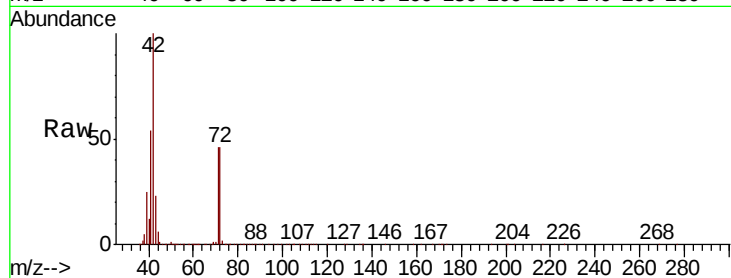
Tot Ion: 42 Resp: 276074

Ion Ratio Lower Upper

42 100

72 47.9 38.9 58.3

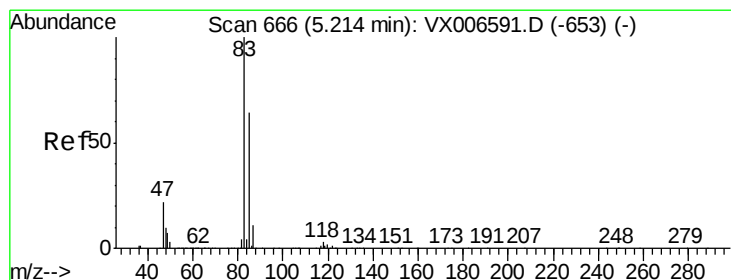
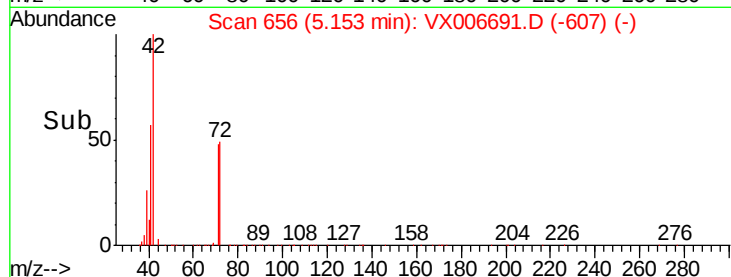
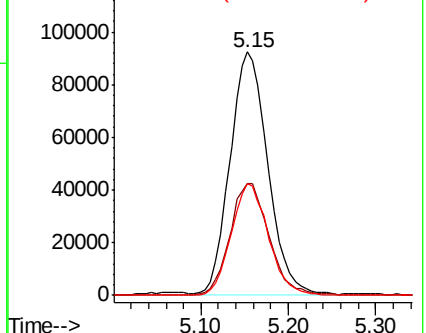
71 44.9 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.490 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006691.D

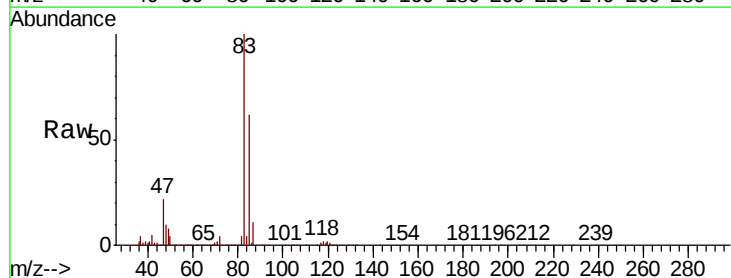
Acq: 20 Dec 2018 22:54

Tgt Ion: 83 Resp: 198577

Ion Ratio Lower Upper

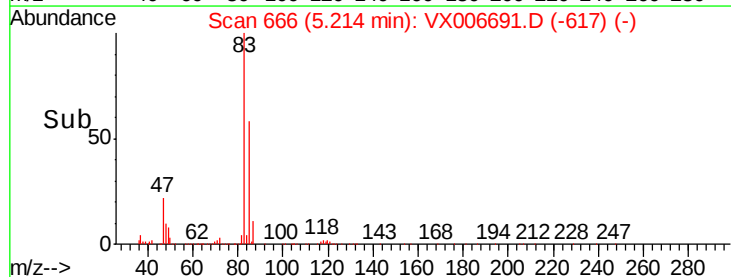
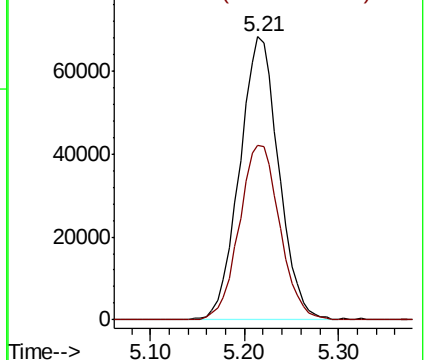
83 100

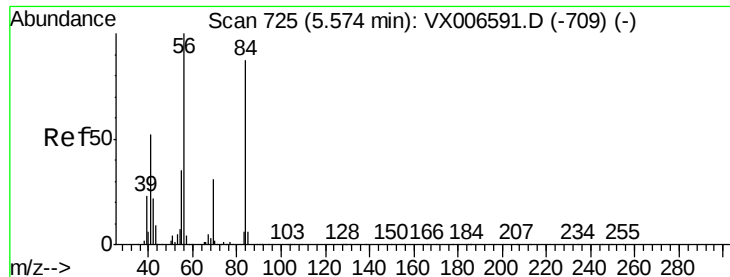
85 61.6 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

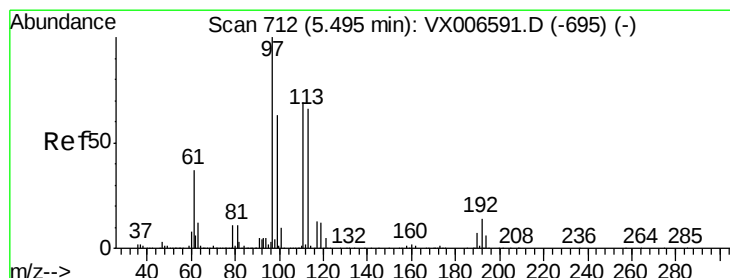
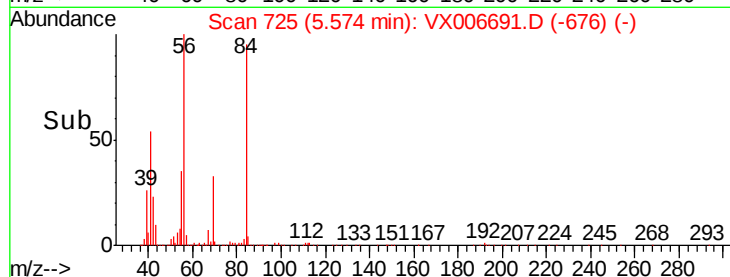
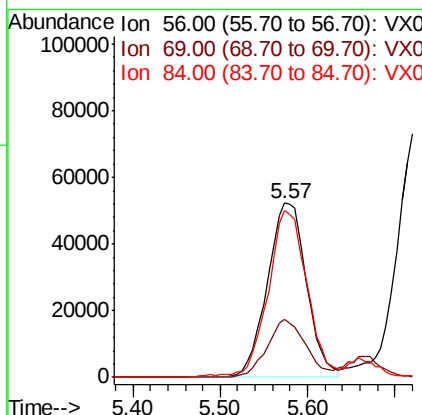
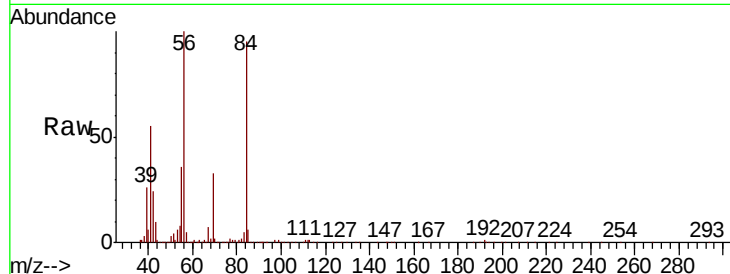




#31
Cyclohexane
Concen: 19.176 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

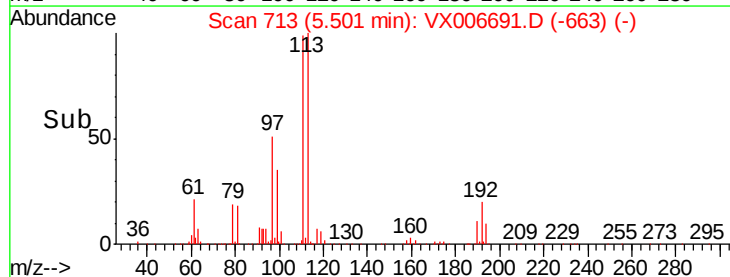
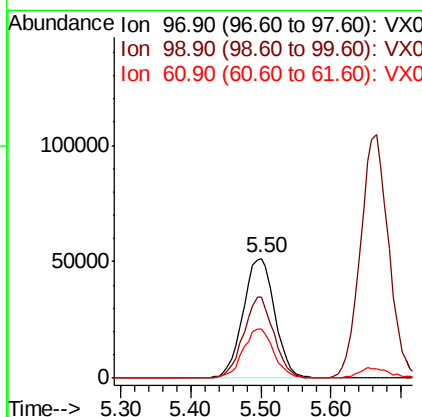
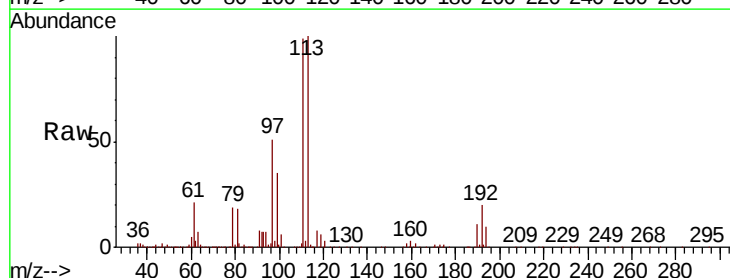
Instrument :
MSVOA_X
ClientSampleId :

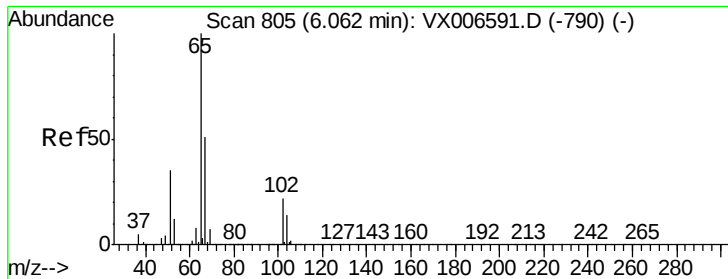
Tot Ion: 56 Resp: 163042
Ion Ratio Lower Upper
56 100
69 32.7 24.4 36.6
84 95.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.773 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 97 Resp: 161806
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 40.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.906 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

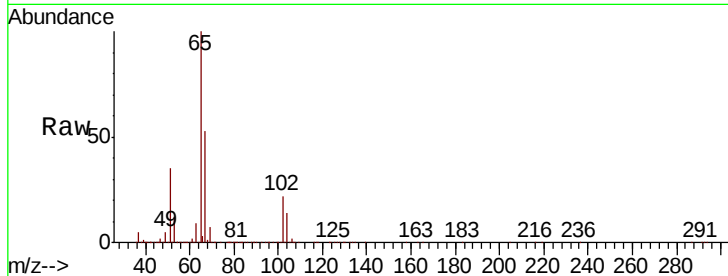
ClientSampleId :

Tot Ion: 65 Resp: 318763

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

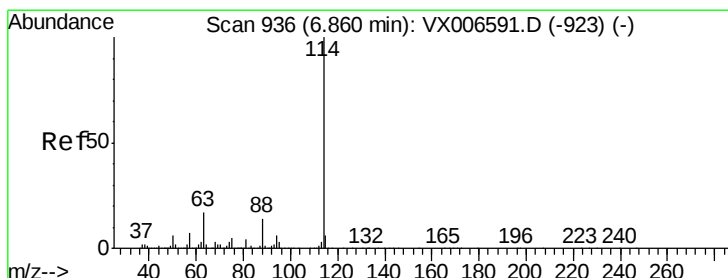
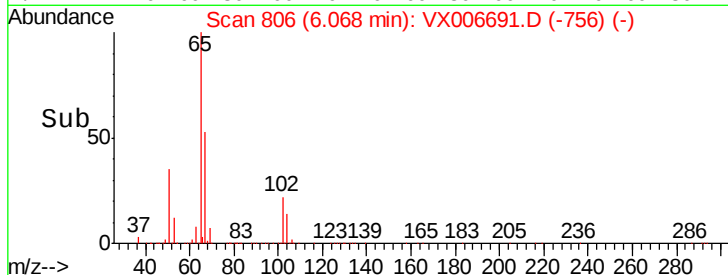
6.07

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

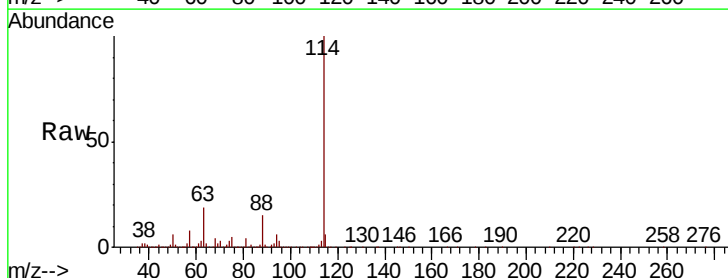
Tgt Ion: 114 Resp: 886503

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

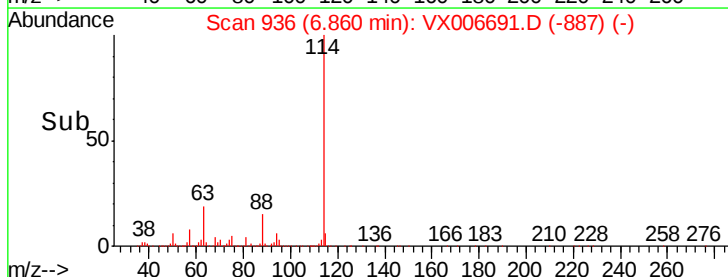
300000

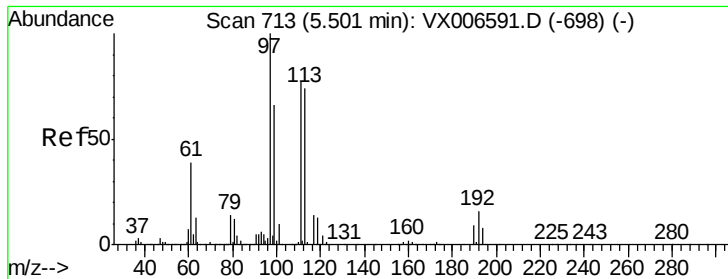
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 5.50 min Scan# 713

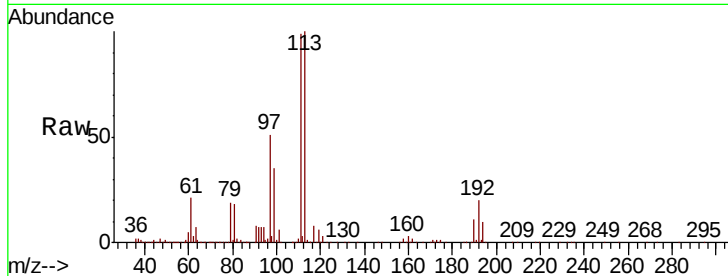
Delta R.T. -0.00 min

Lab File: VX006691.D

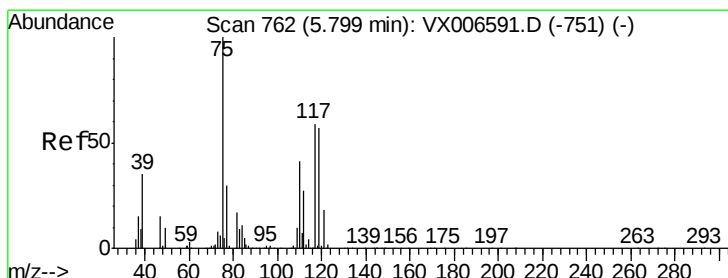
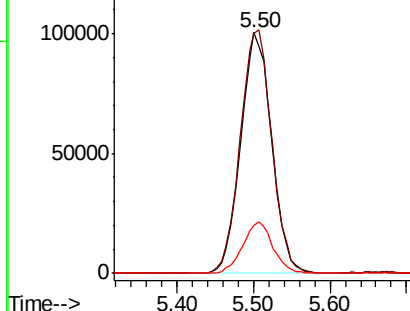
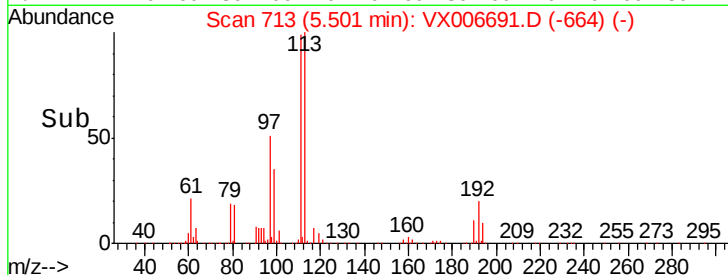
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	20.9	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: 19.369 ug/l

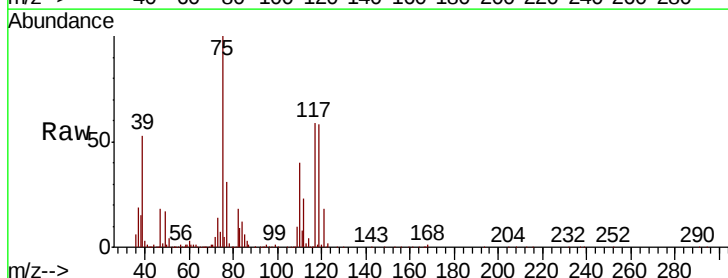
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

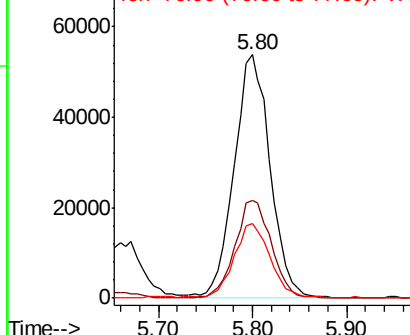
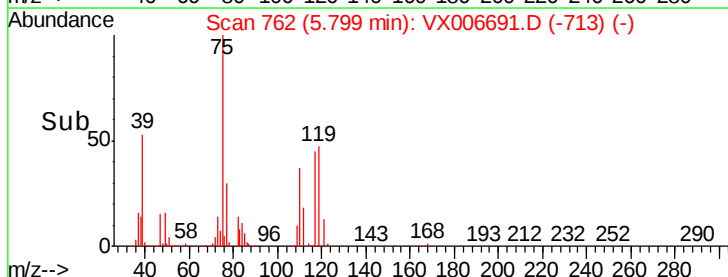
Lab File: VX006691.D

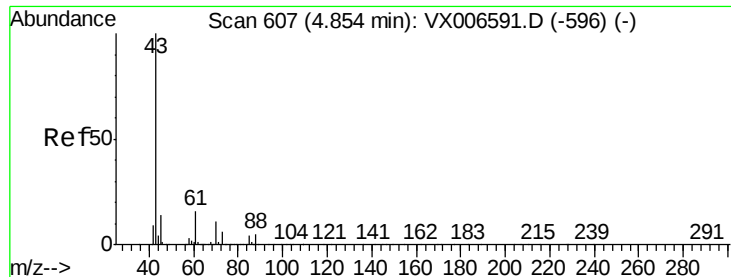
Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.3	20.2	60.5
77	31.2	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

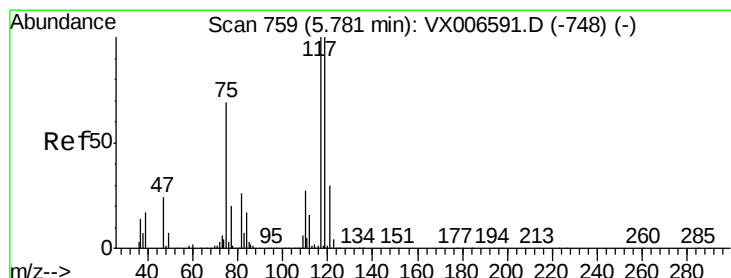
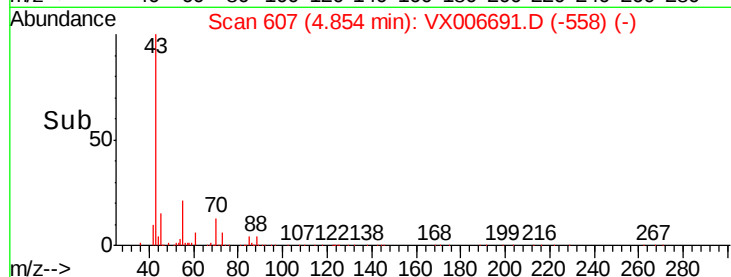
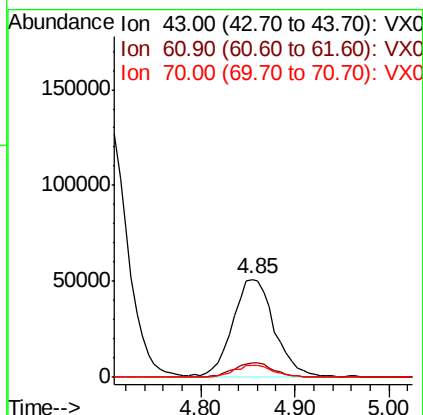
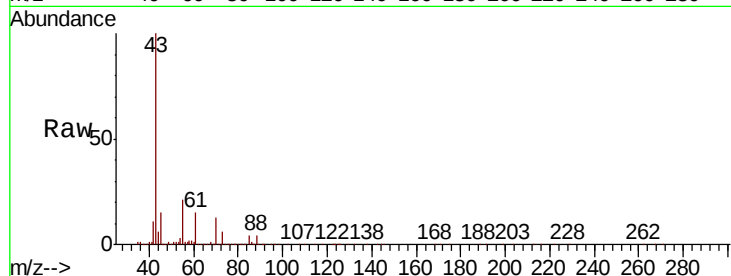




#37
Ethyl Acetate
Concen: 20.376 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

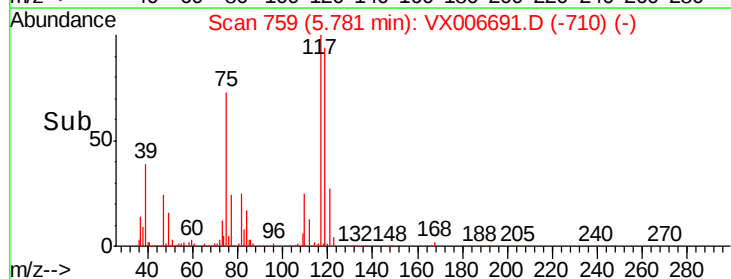
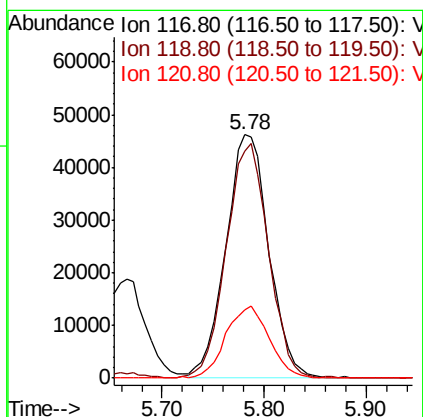
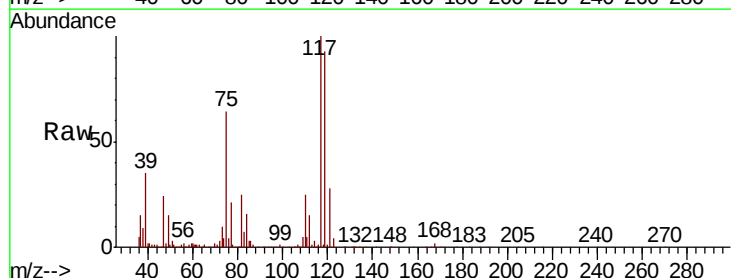
Instrument :
MSVOA_X
ClientSampleId :

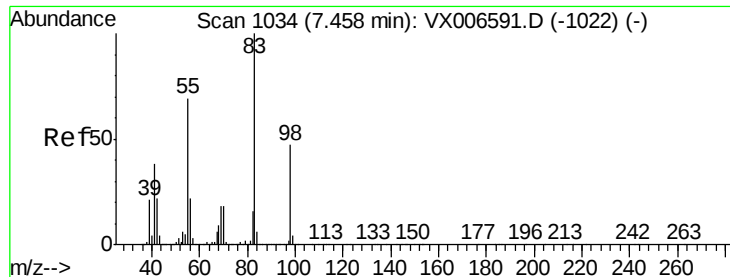
Tot Ion: 43 Resp: 155715
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 12.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.949 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 117 Resp: 135212
Ion Ratio Lower Upper
117 100
119 93.2 79.4 119.2
121 27.9 24.0 36.0

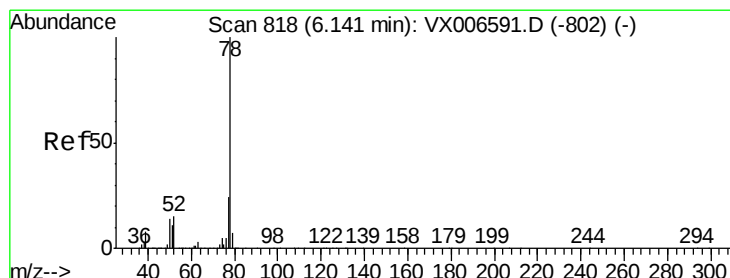
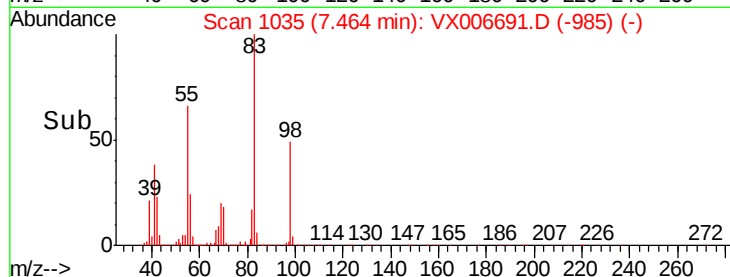
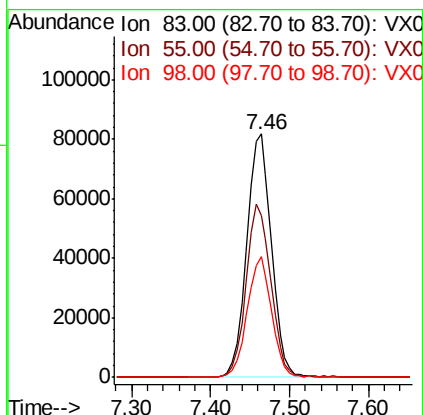
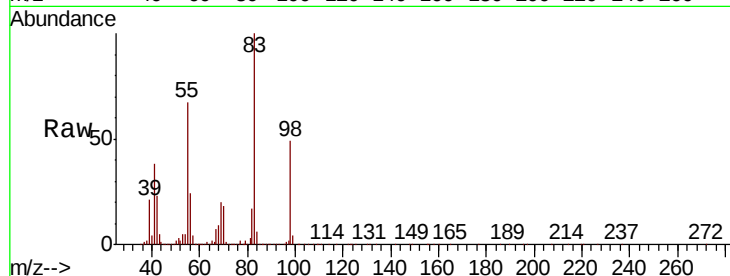




#39
Methvlcvclohexane
Concen: 18.430 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

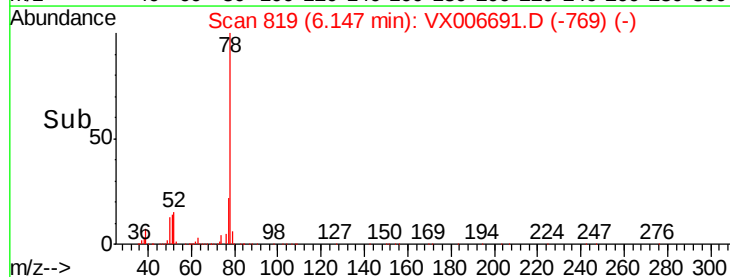
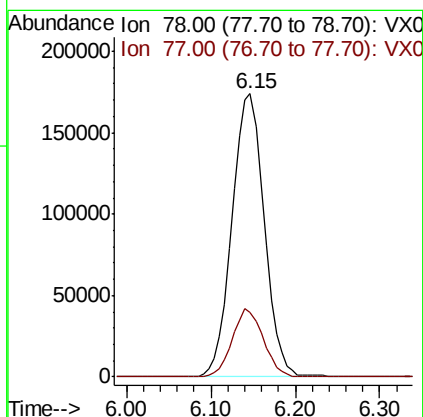
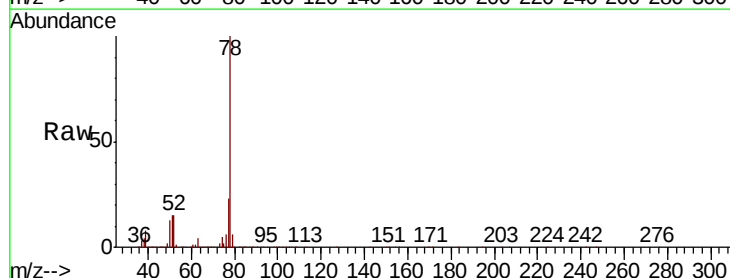
Instrument :
MSVOA_X
ClientSampleId :

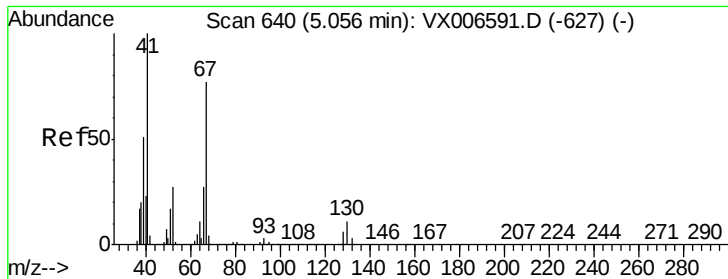
Tot Ion: 83 Resp: 178155
Ion Ratio Lower Upper
83 100
55 66.3 54.9 82.3
98 49.2 37.9 56.9



#40
Benzene
Concen: 20.201 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 78 Resp: 450860
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8

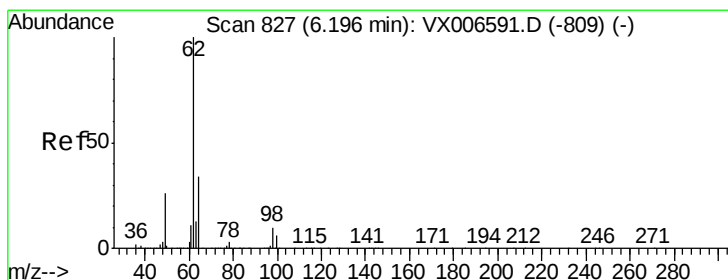
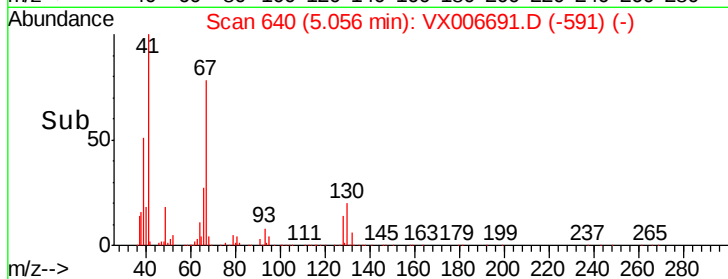
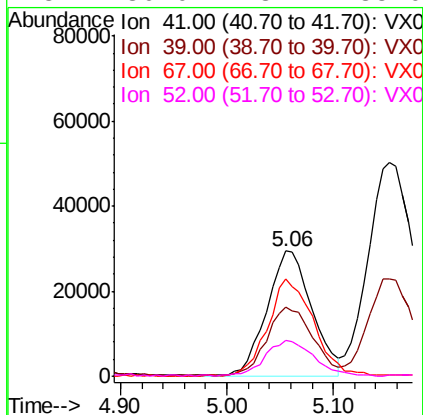
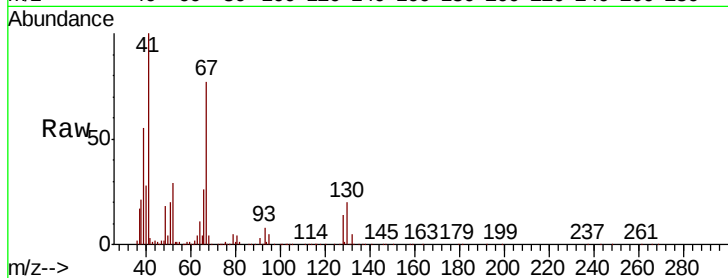




#41
Methacrylonitrile
Concen: 21.324 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

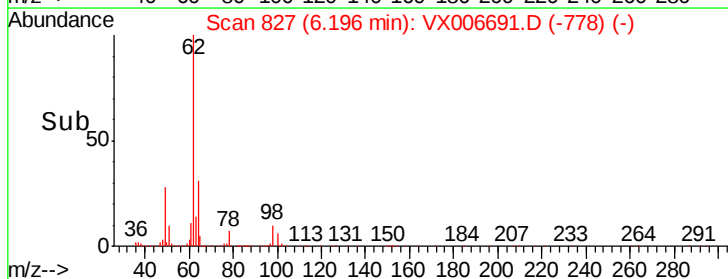
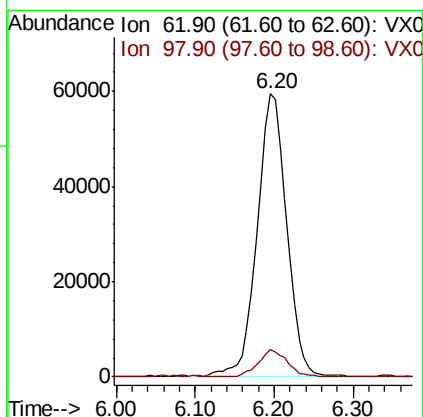
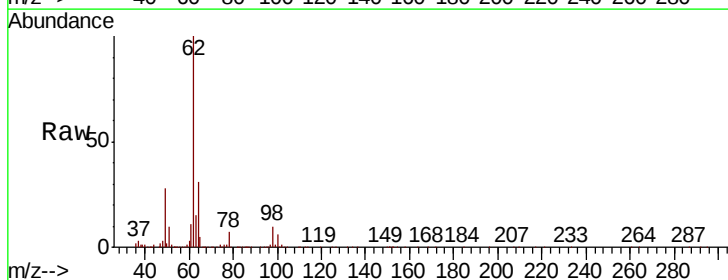
Instrument :
MSVOA_X
ClientSampled :

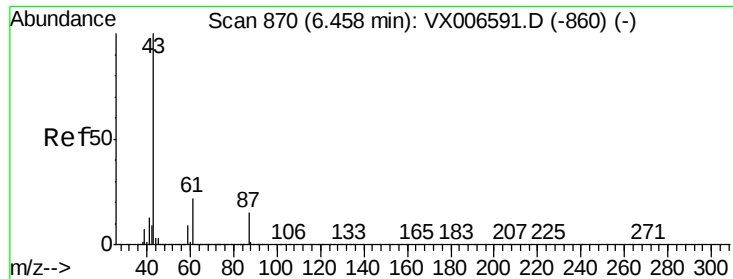
Tot Ion:	41	Resp:	86519
Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.8	64.2
67	77.5	62.1	93.1
52	30.0	23.4	35.0



#42
1,2-Dichloroethane
Concen: 20.403 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:	62	Resp:	155167
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



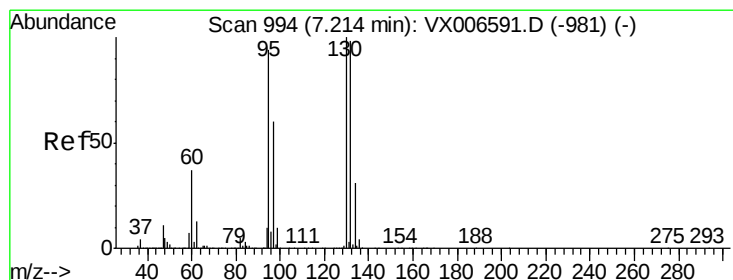
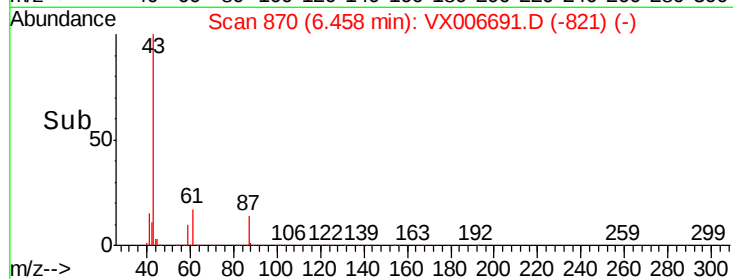
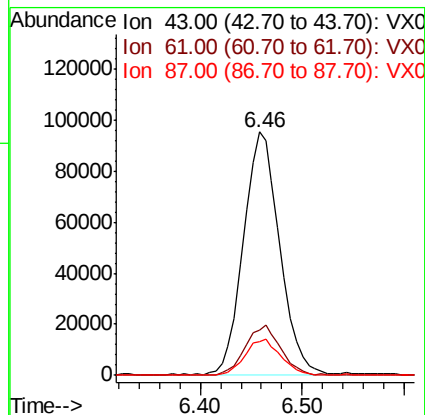
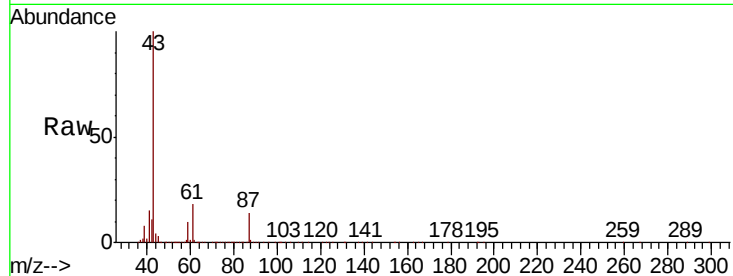


#43

Isopropyl Acetate
 Concen: 20.078 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

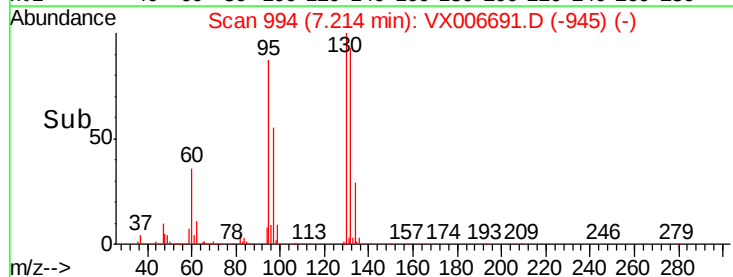
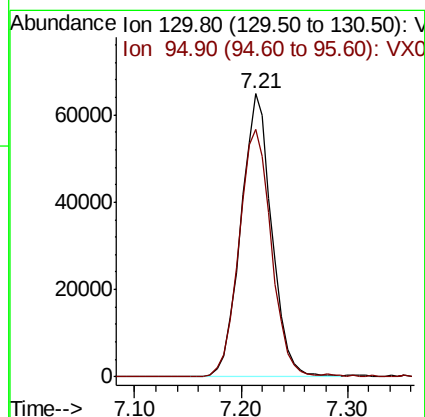
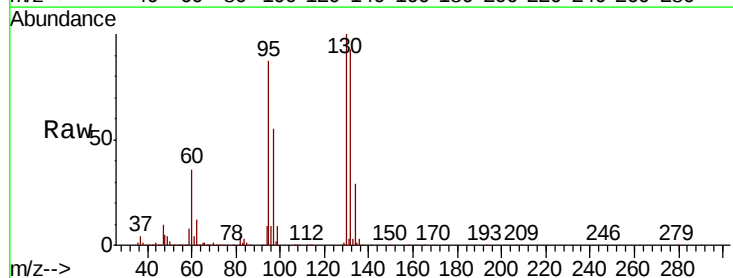
Tot Ion	43	Resp	233465
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.8	25.2
87	15.0	12.4	18.6

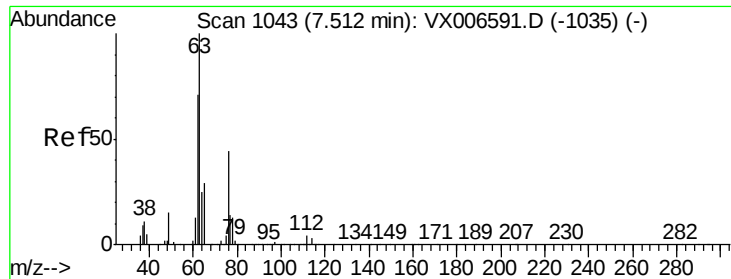


#44

Trichloroethene
 Concen: 19.480 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	130	Resp	131588
Ion Ratio	Lower	Upper	
130	100		
95	87.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.076 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

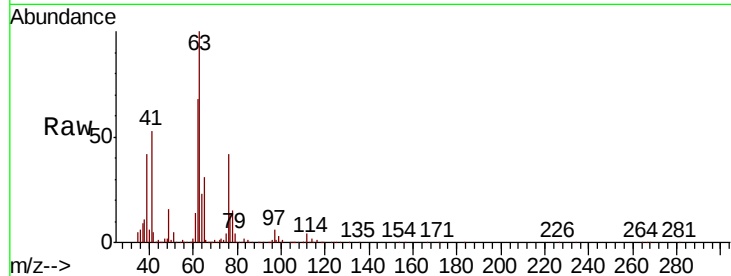
ClientSampleId :

Tot Ion: 63 Resp: 109035

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

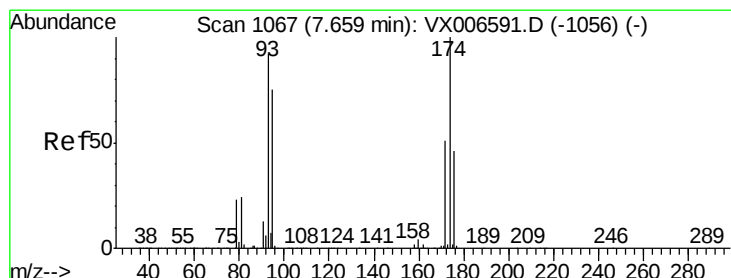
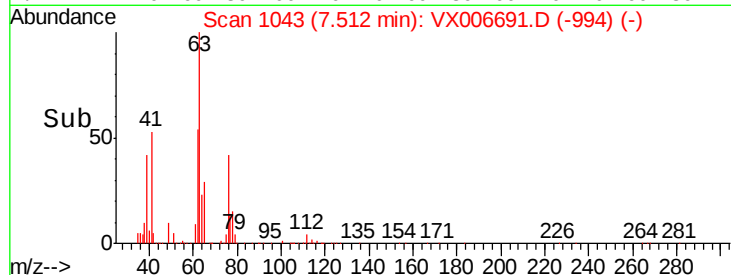
20000

10000

0

Time-->

7.45 7.50 7.55 7.60 7.65



#46

Dibromomethane

Concen: 19.691 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

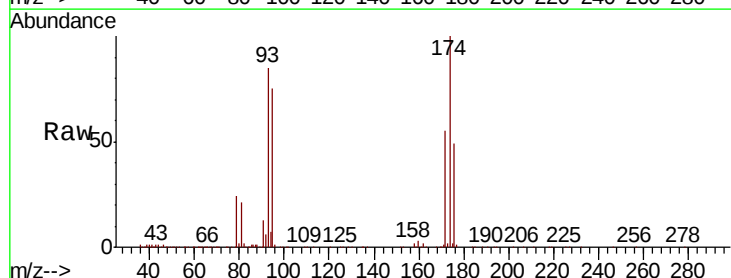
Tgt Ion: 93 Resp: 78664

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 114.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

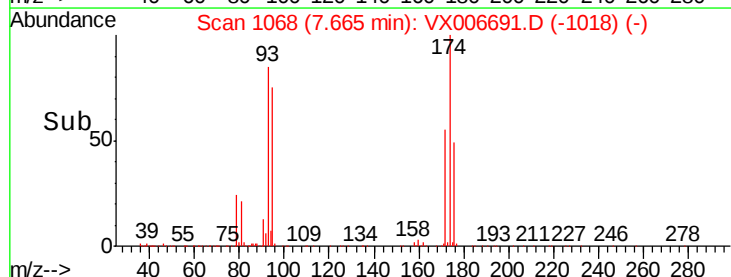
20000

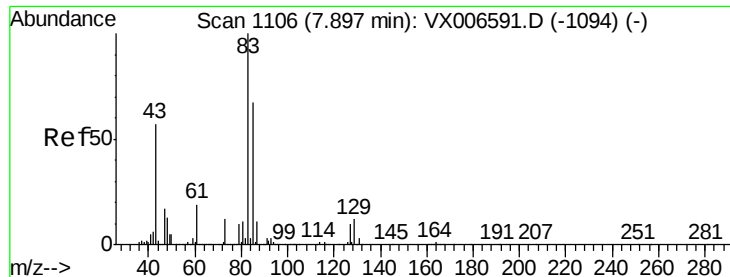
10000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 18.773 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

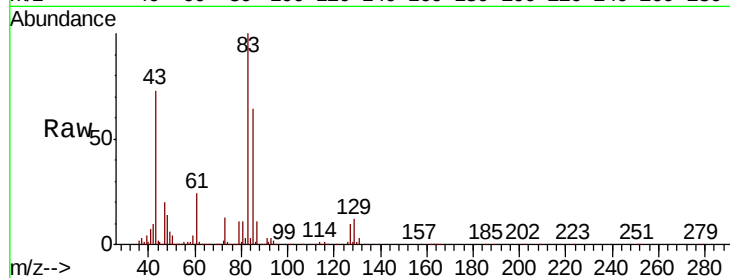
Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 124507

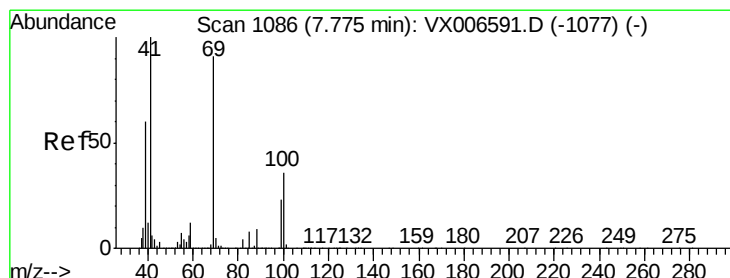
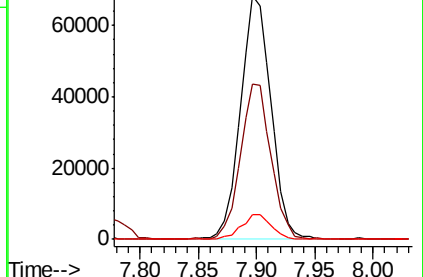
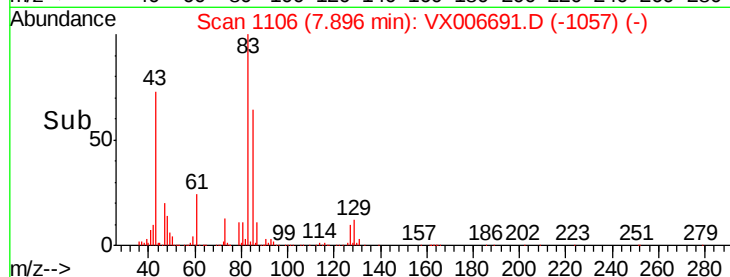
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.2	79.8
127	10.0	7.8	11.6



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: 21.007 ug/l

RT: 7.77 min Scan# 1086

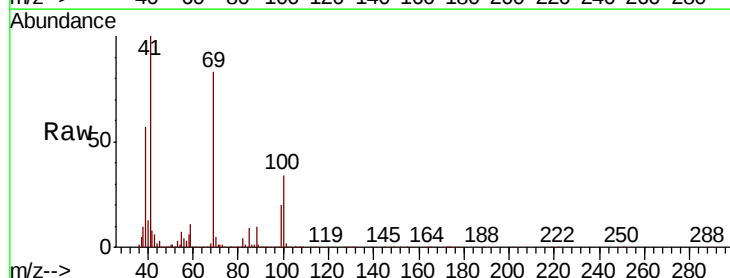
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion: 41 Resp: 124213

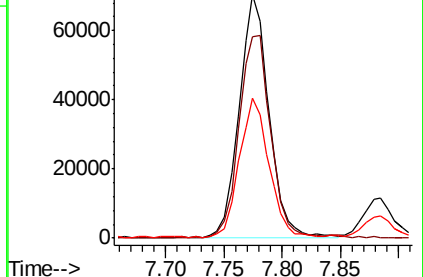
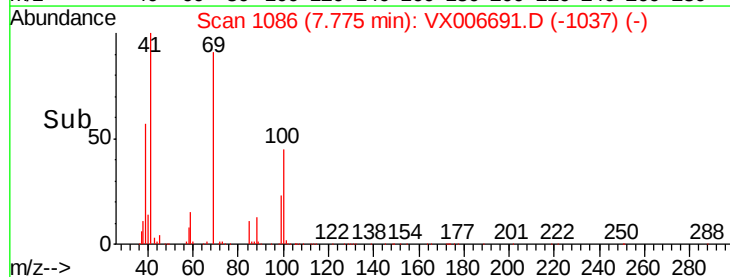
Ion	Ratio	Lower	Upper
41	100		
69	89.3	72.4	108.6
39	57.6	45.8	68.8



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: 405.906 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

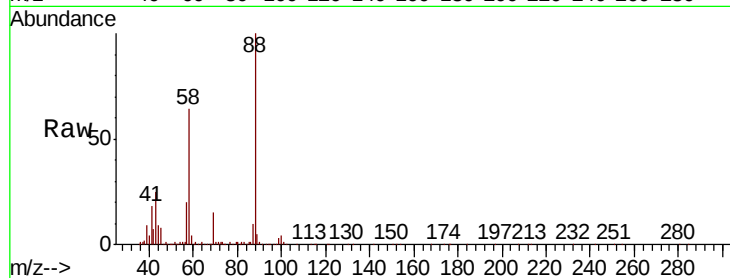
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 64625

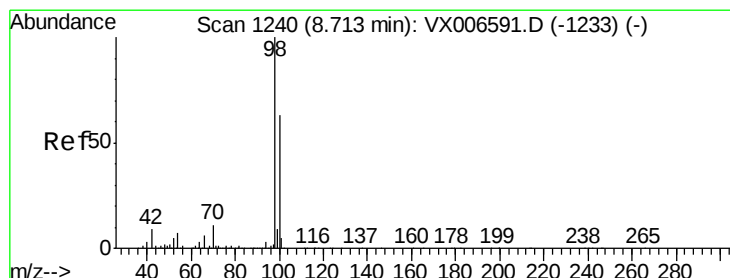
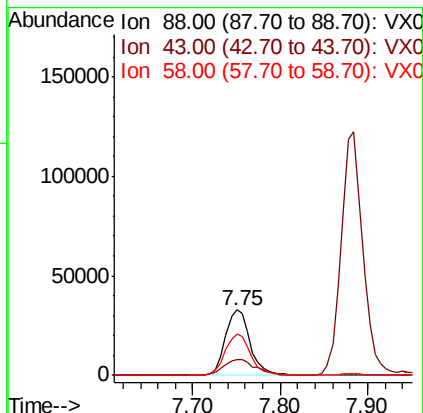
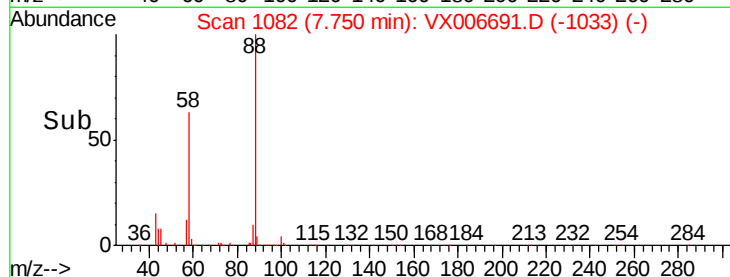
Ion	Ratio	Lower	Upper
88	100		
43	31.7	22.2	33.4
58	66.1	51.0	76.4



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: 50.951 ug/l

RT: 8.71 min Scan# 1240

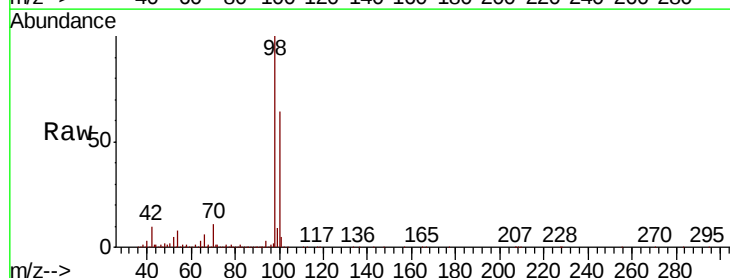
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

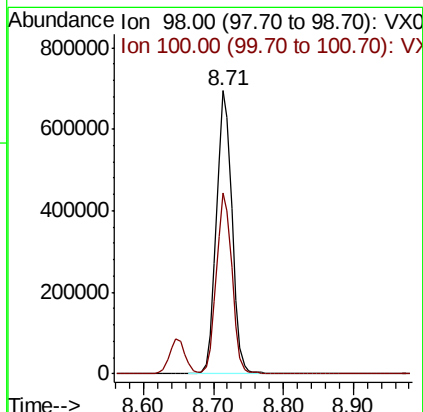
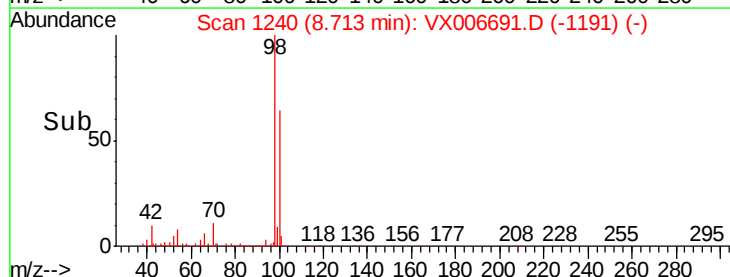
Tgt Ion: 98 Resp: 1076864

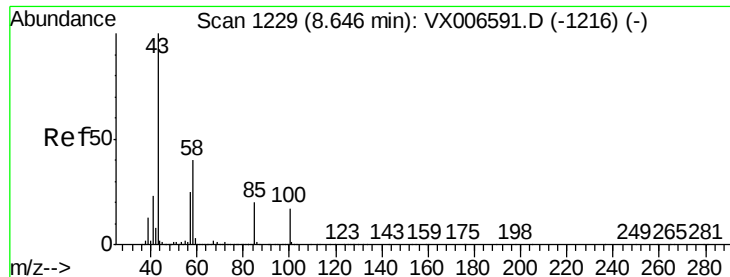
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

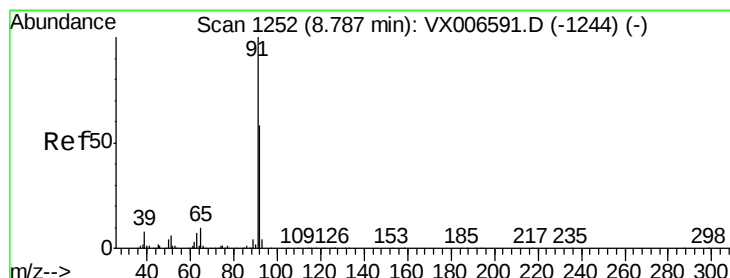
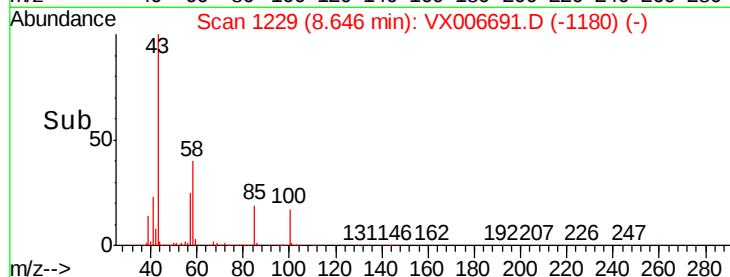
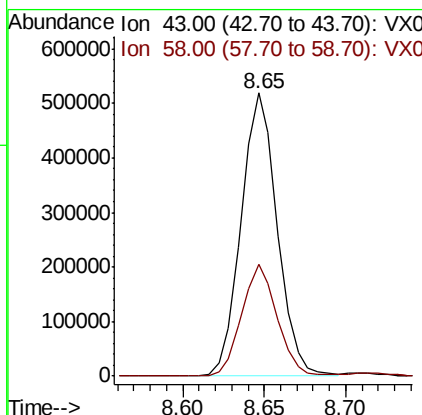
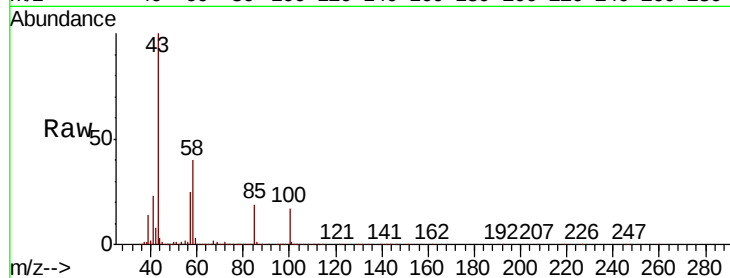




#51
4-Methyl-2-Pentanone
Concen: 108.245 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

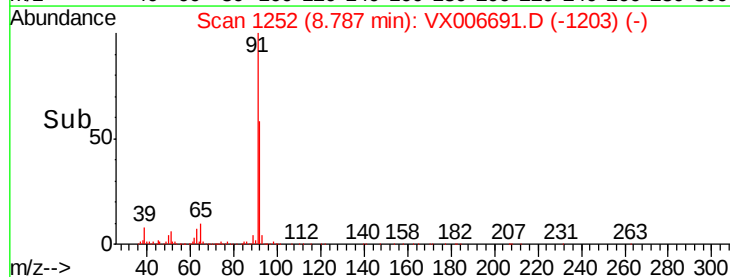
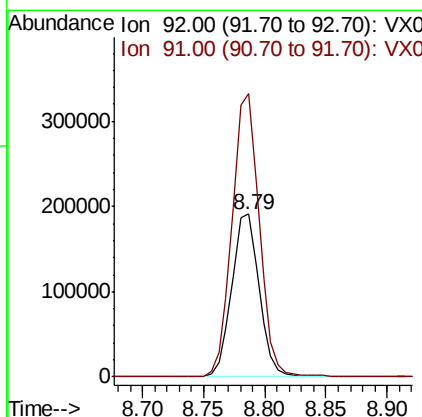
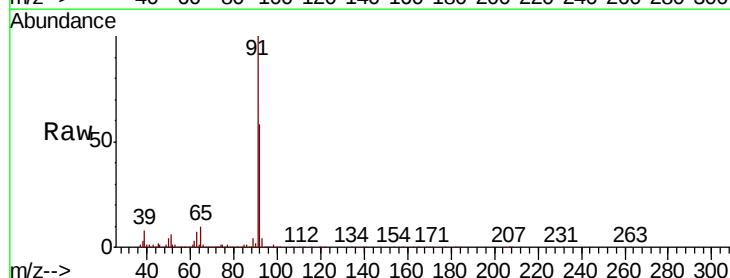
Instrument :
MSVOA_X
ClientSampled :

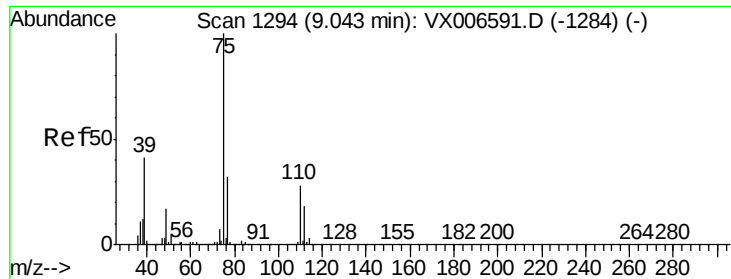
Tot Ion: 43 Resp: 800830
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.6



#52
Toluene
Concen: 20.473 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 92 Resp: 295186
Ion Ratio Lower Upper
92 100
91 173.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.479 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

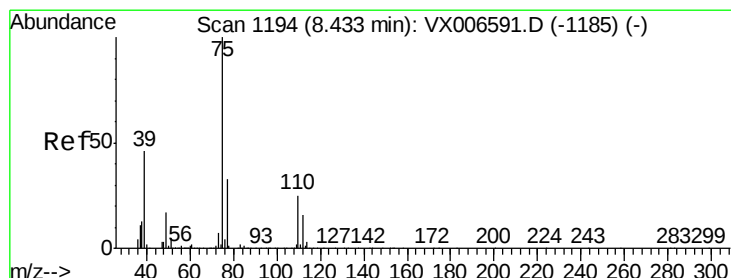
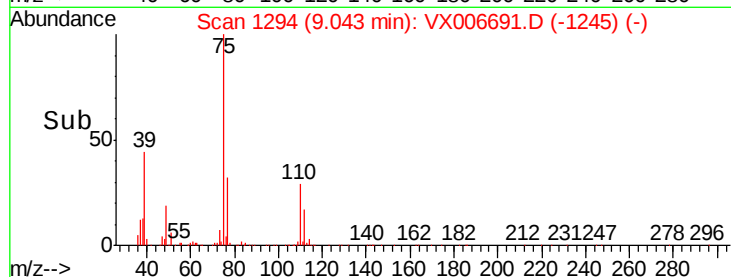
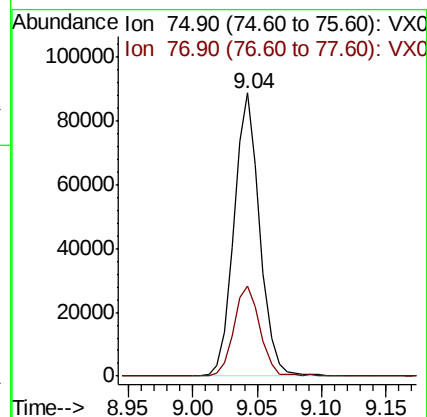
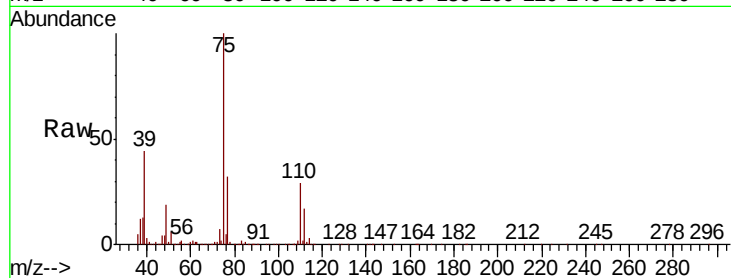
ClientSampleId :

Tot Ion: 75 Resp: 124333

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.773 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

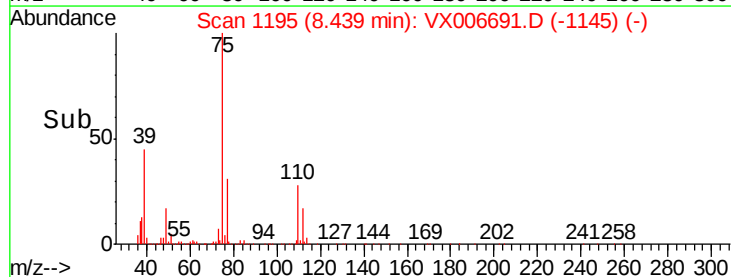
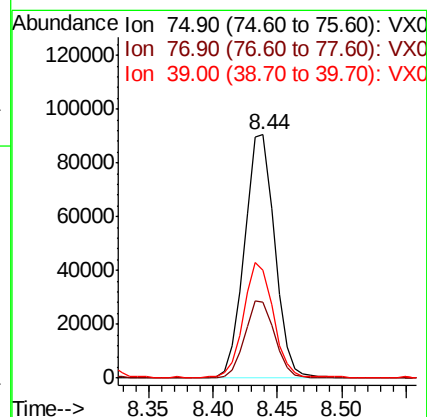
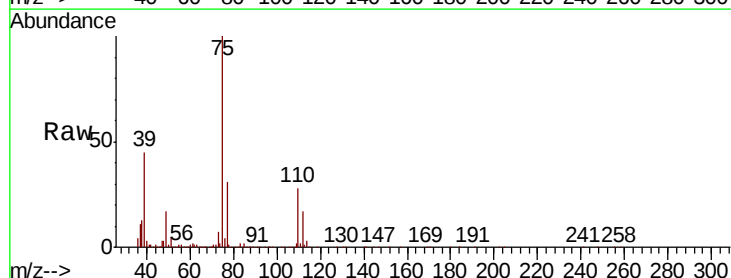
Tgt Ion: 75 Resp: 146519

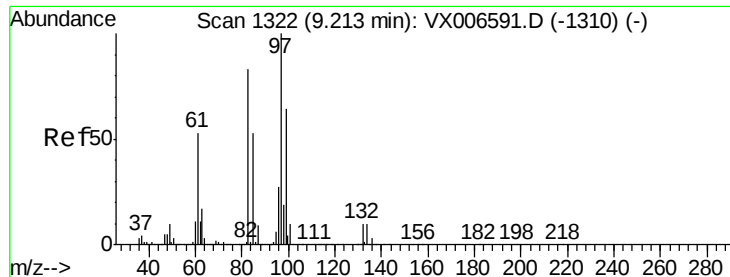
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

39 44.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 118328

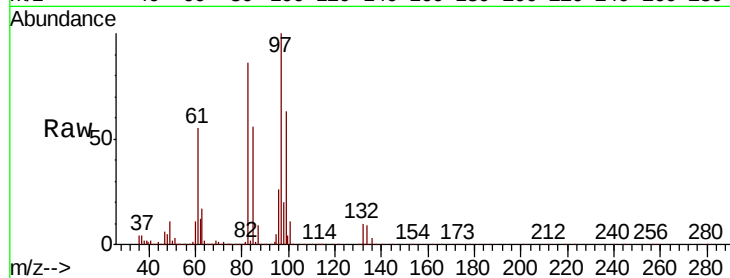
Ion Ratio Lower Upper

97 100

83 85.6 66.6 99.8

85 55.9 42.7 64.1

99 62.5 50.8 76.2

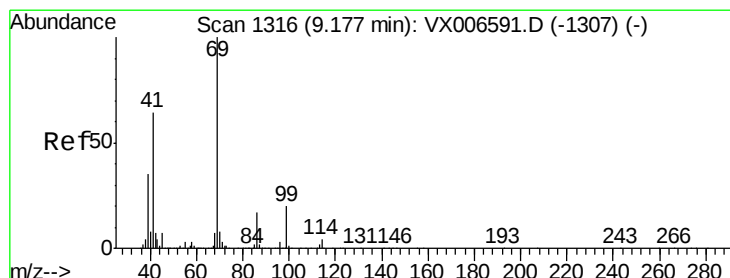
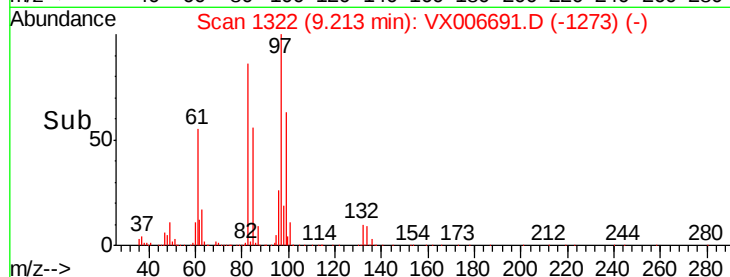
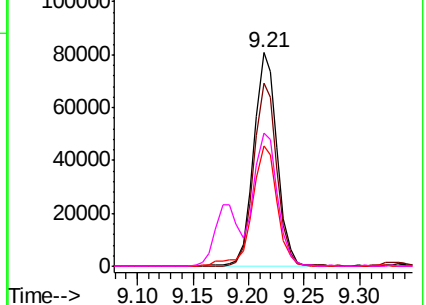


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.682 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

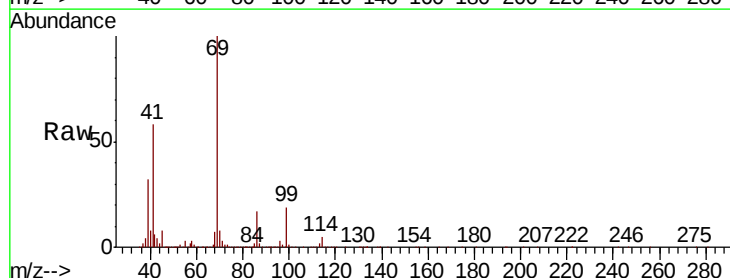
Tgt Ion: 69 Resp: 172513

Ion Ratio Lower Upper

69 100

41 61.1 48.7 73.1

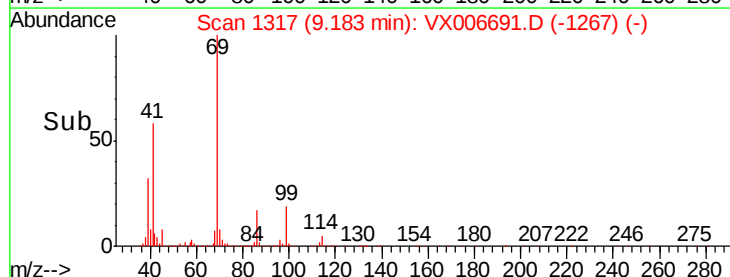
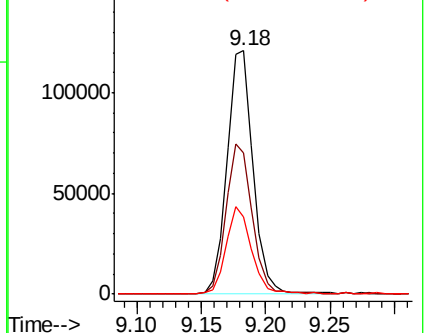
39 34.3 27.0 40.6

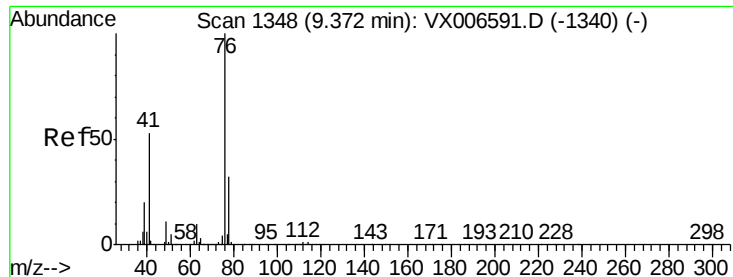


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.249 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

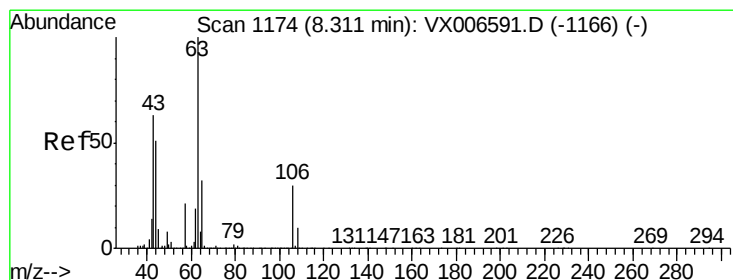
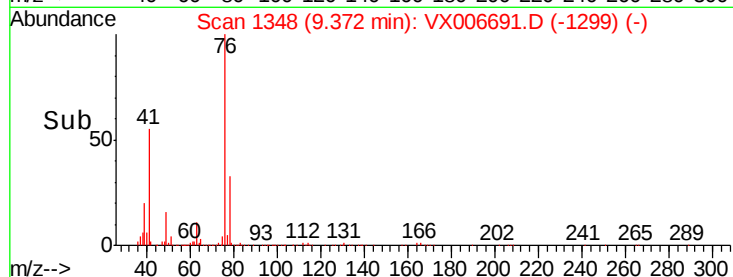
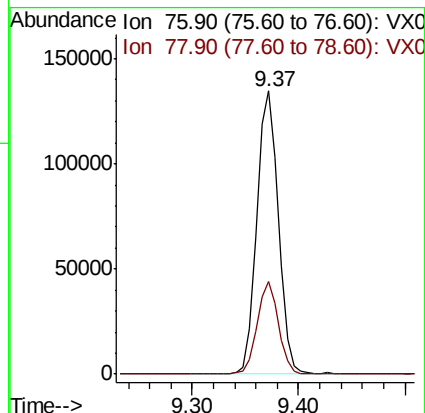
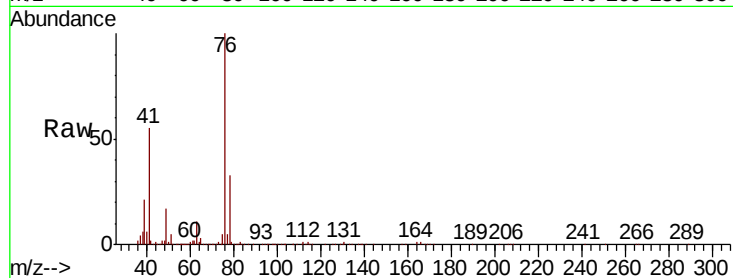
ClientSampled :

Tot Ion: 76 Resp: 192269

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.262 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006691.D

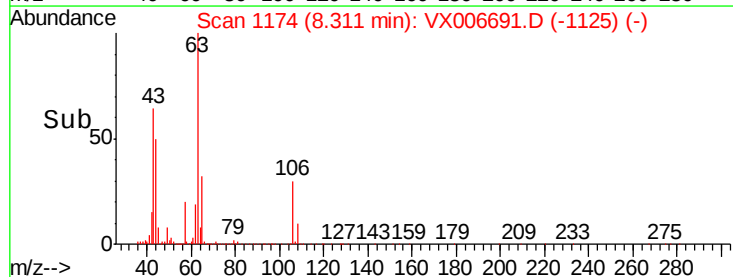
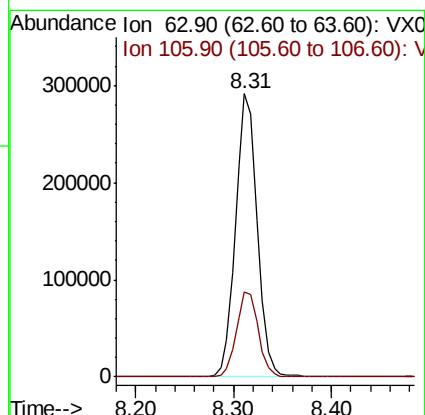
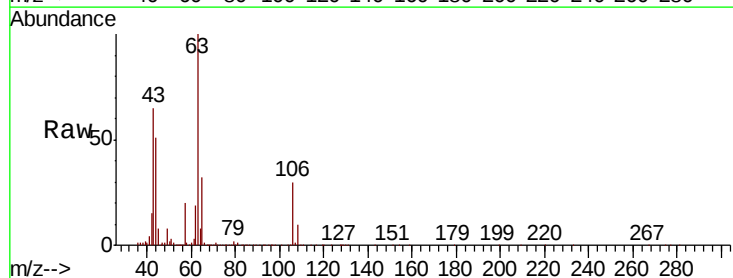
Acq: 20 Dec 2018 22:54

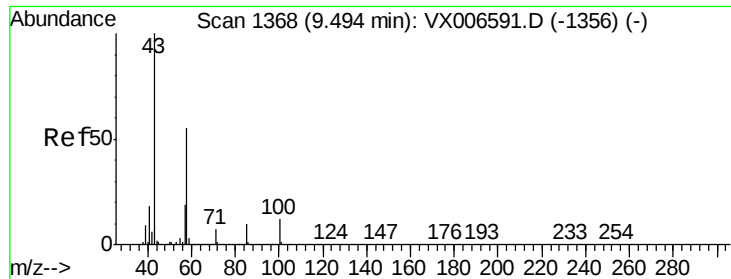
Tgt Ion: 63 Resp: 444558

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8

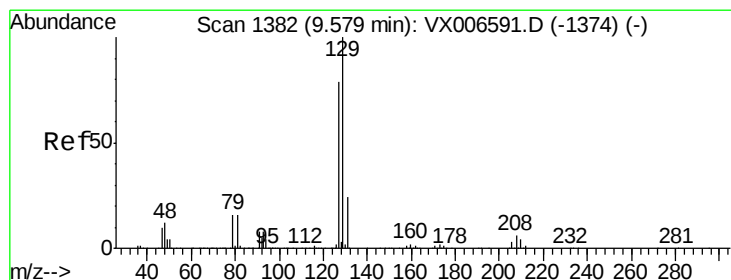
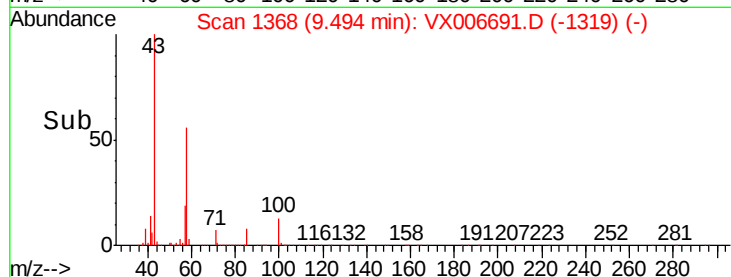
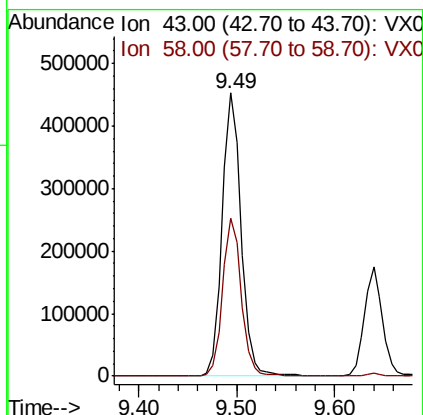
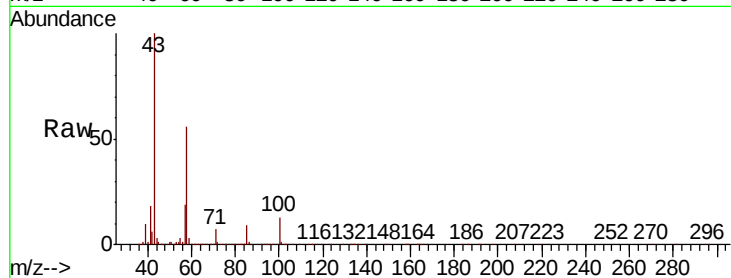




#59
2-Hexanone
Concen: 107.372 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

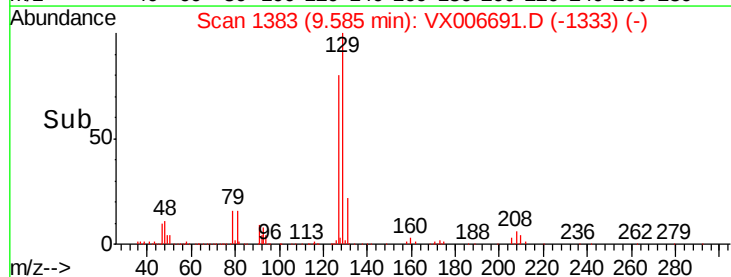
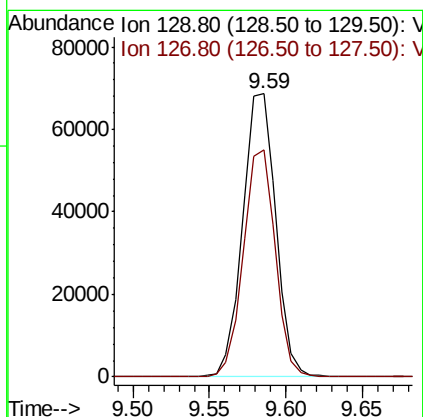
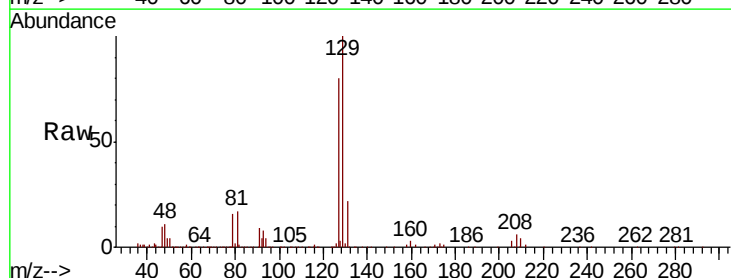
Instrument :
MSVOA_X
ClientSampled :

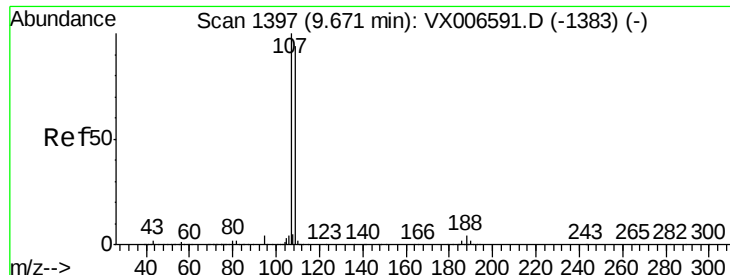
Tot Ion: 43 Resp: 607790
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1



#60
Dibromochloromethane
Concen: 18.279 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 129 Resp: 103281
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.522 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

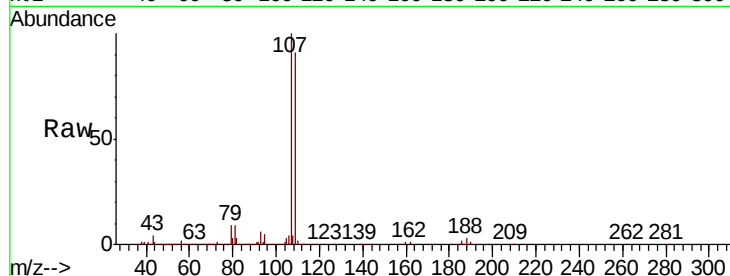
ClientSampled :

Tot Ion: 107 Resp: 128747

Ion Ratio Lower Upper

107 100

109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

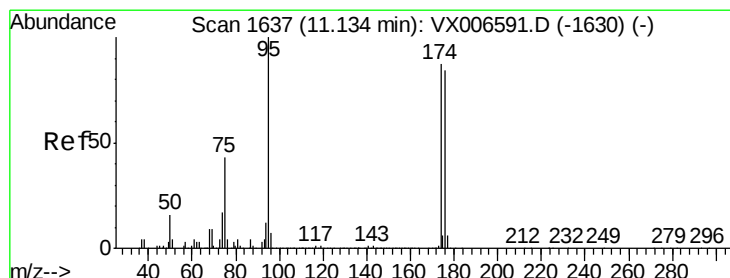
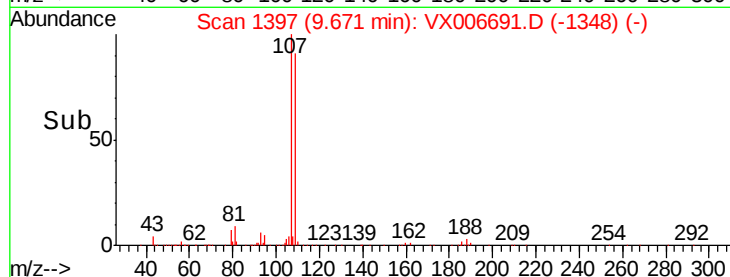
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.120 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

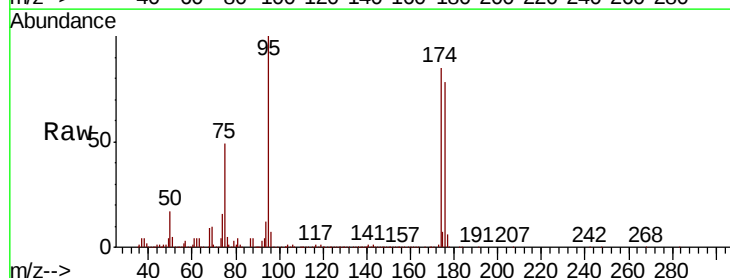
Tgt Ion: 95 Resp: 387953

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.2

176 87.2 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

400000

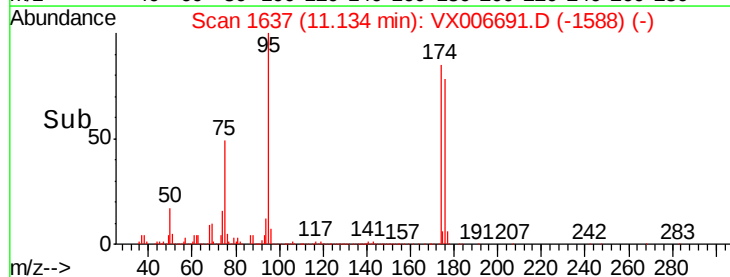
300000

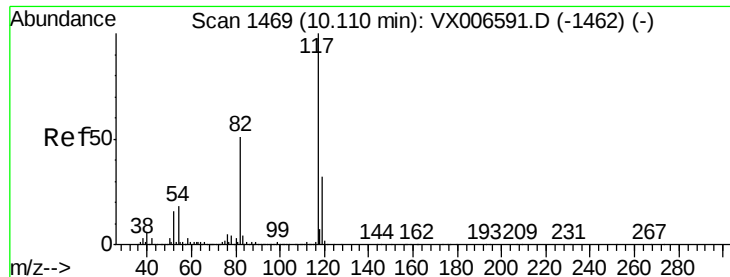
200000

100000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

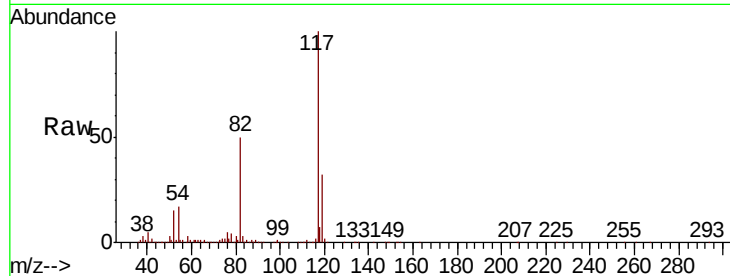
Tot Ion:117 Resp: 818243

Ion Ratio Lower Upper

117 100

82 49.6 41.0 61.6

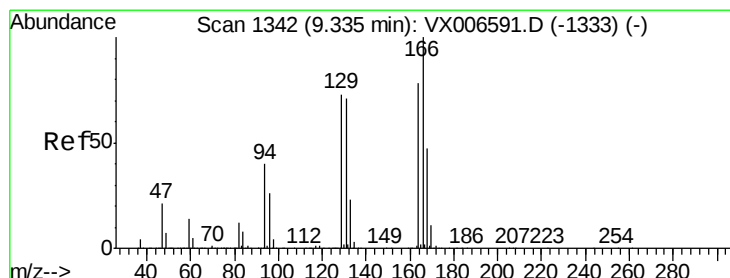
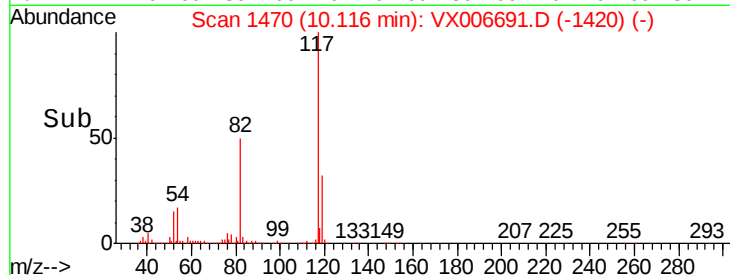
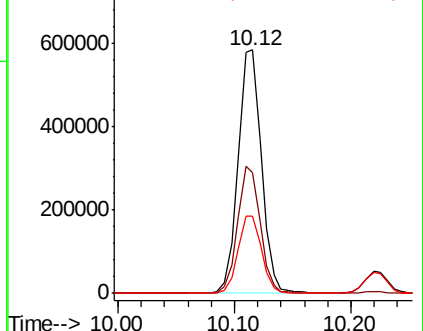
119 31.6 25.4 38.0



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: 20.307 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:164 Resp: 131575

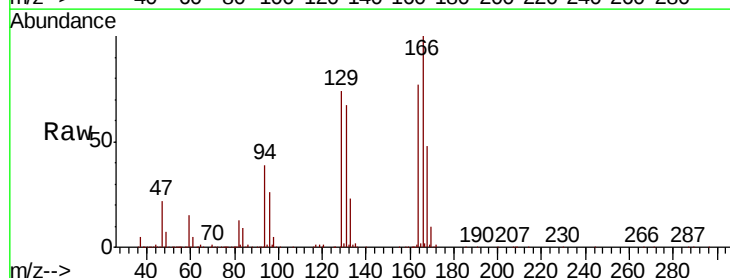
Ion Ratio Lower Upper

164 100

166 129.4 102.5 153.7

129 96.4 75.1 112.7

131 86.8 72.7 109.1

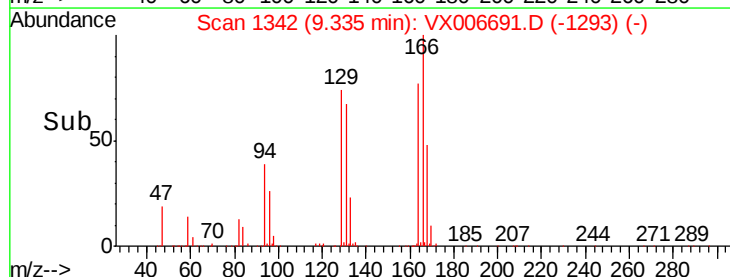
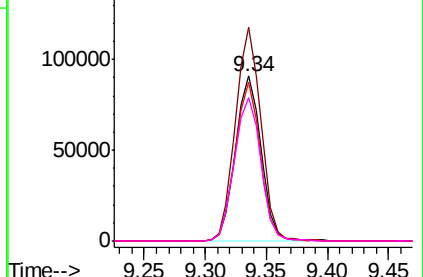


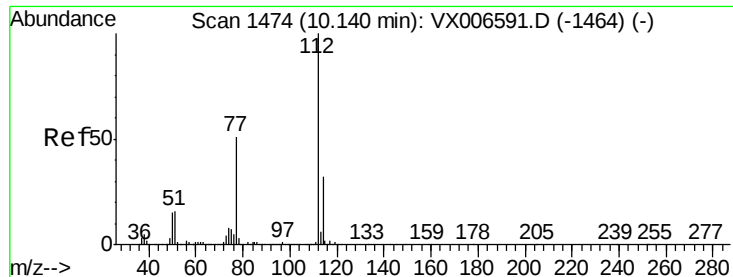
Abundance Ion 163.80 (163.50 to 164.50): V

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

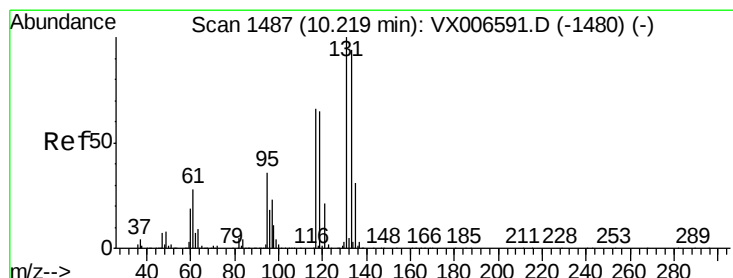
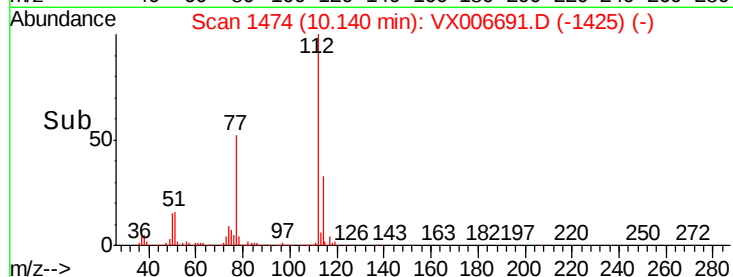
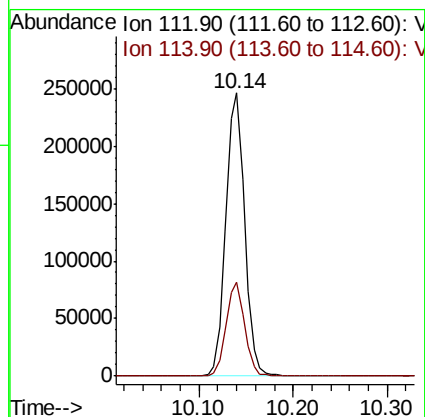
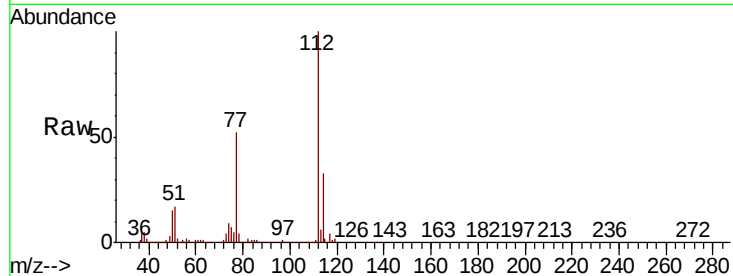




#65
Chlorobenzene
Concen: 19.653 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

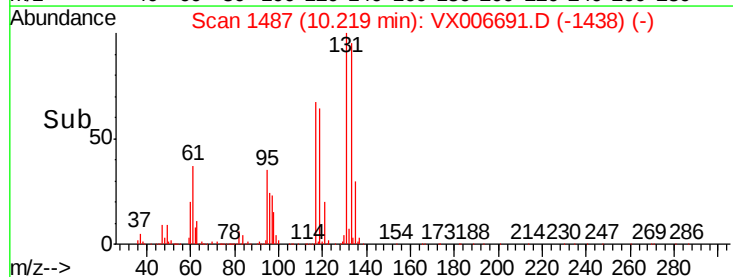
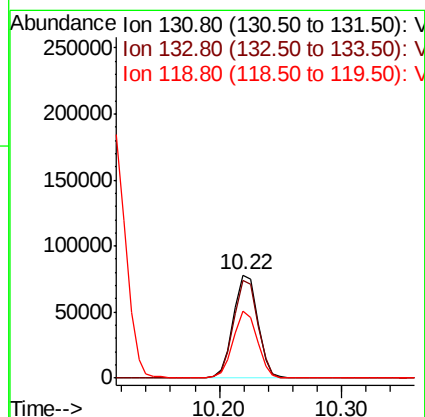
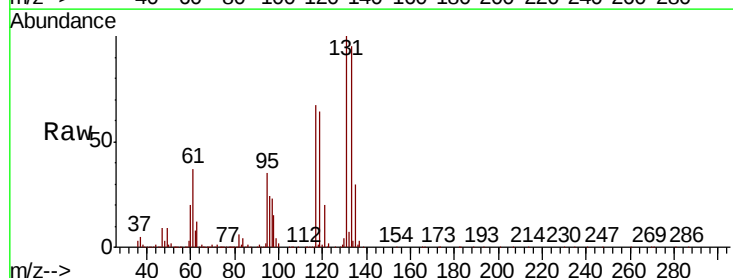
Instrument :
MSVOA_X
ClientSampled :

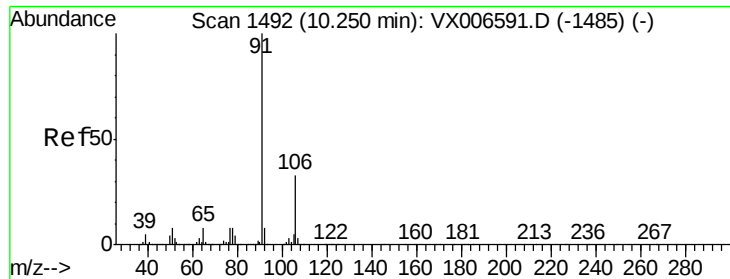
Tot Ion:112 Resp: 340204
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.078 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:131 Resp: 108439
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.2
119 63.7 32.6 97.8





#67

Ethyl Benzene

Concen: 19.504 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

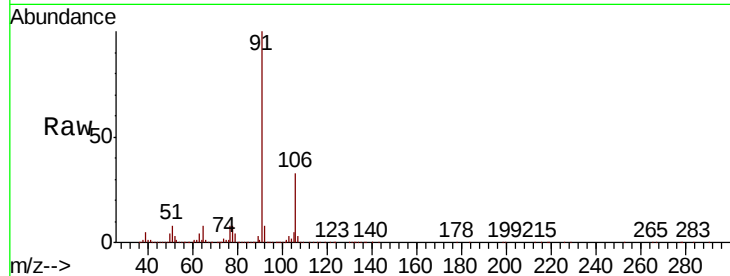
ClientSampleId :

Tot Ion: 91 Resp: 551708

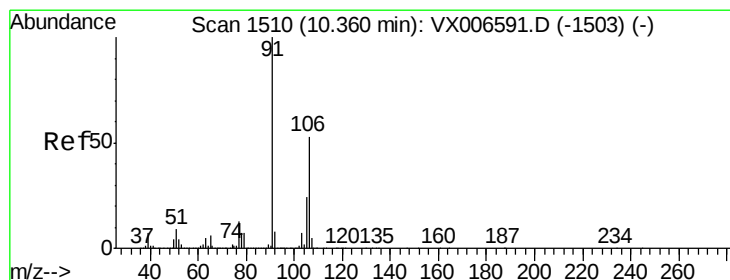
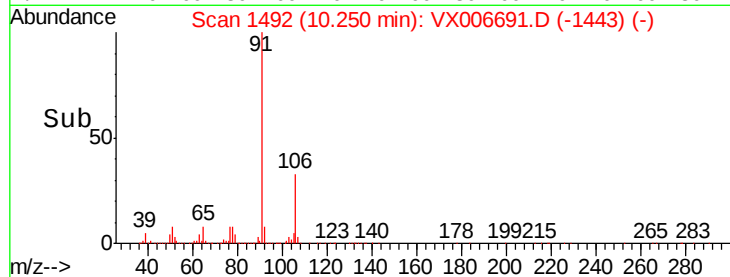
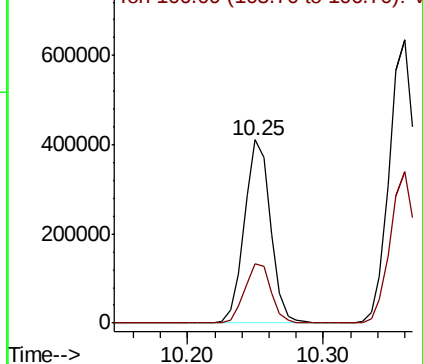
Ion Ratio Lower Upper

91 100

106 32.6 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.694 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006691.D

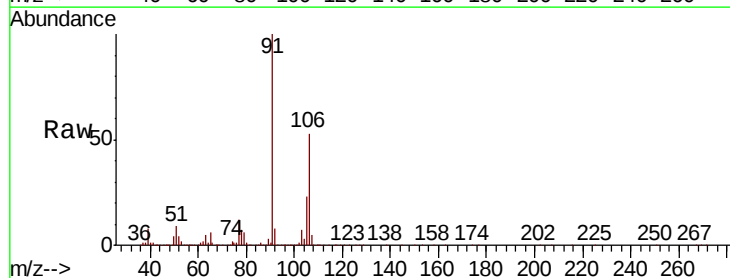
Acq: 20 Dec 2018 22:54

Tgt Ion: 106 Resp: 443055

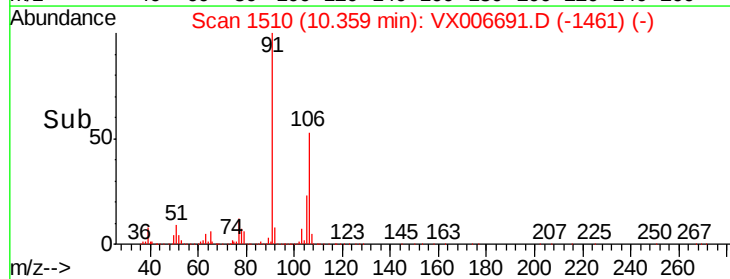
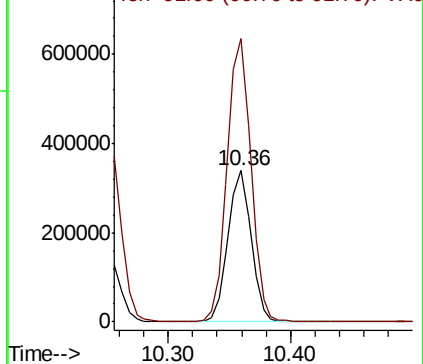
Ion Ratio Lower Upper

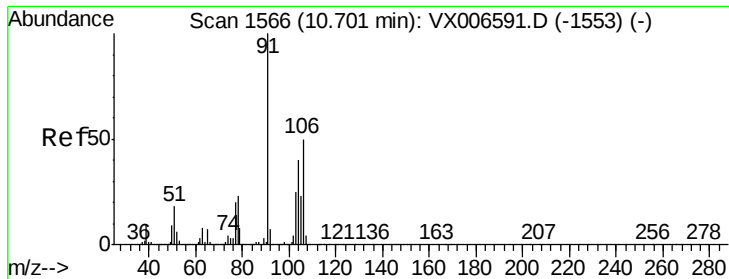
106 100

91 193.4 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

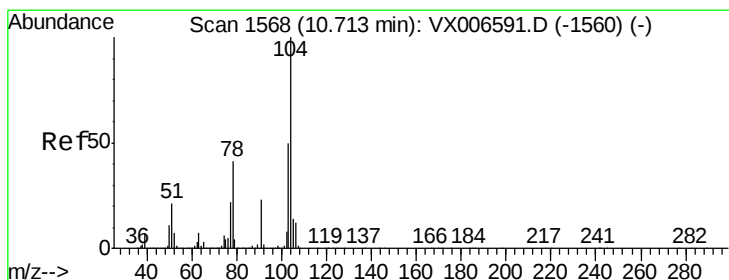
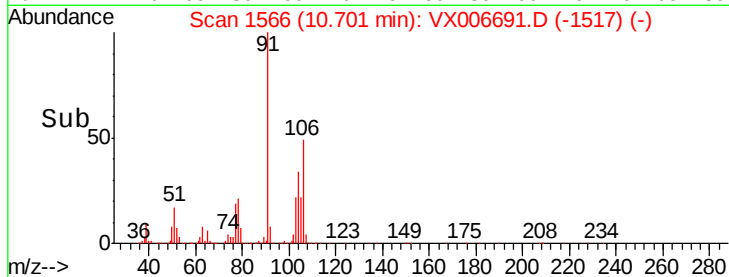
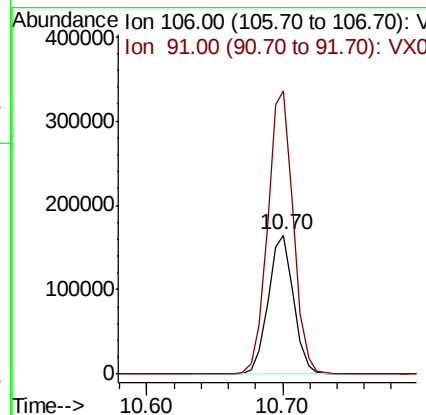
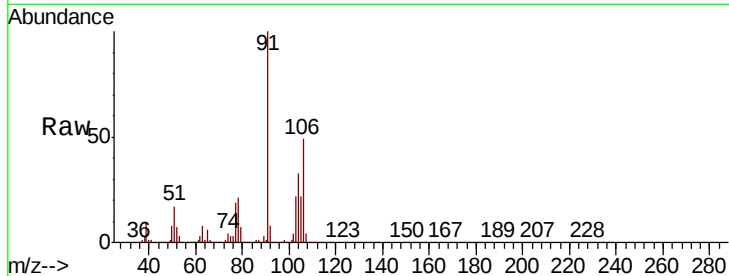




#69
o-Xylene
Concen: 19.446 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

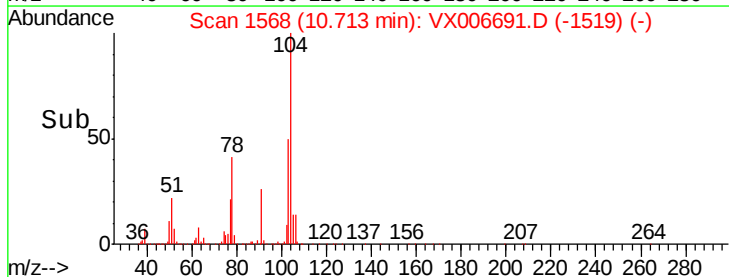
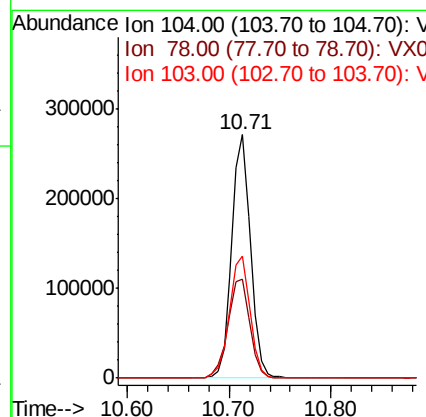
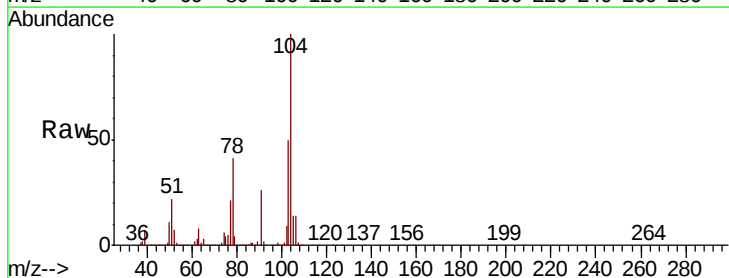
Instrument :
MSVOA_X
ClientSampleId :

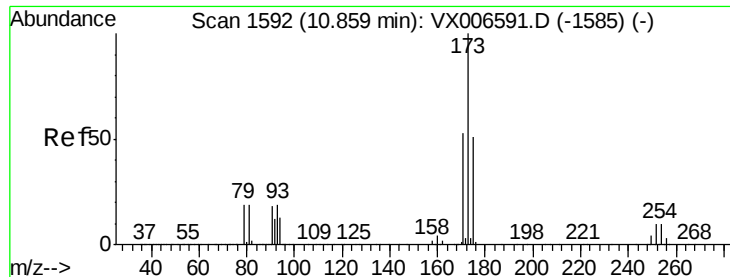
Tot Ion:106 Resp: 214339
Ion Ratio Lower Upper
106 100
91 207.1 101.3 303.7



#70
Styrene
Concen: 19.816 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:104 Resp: 345551
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.3 43.8 65.8

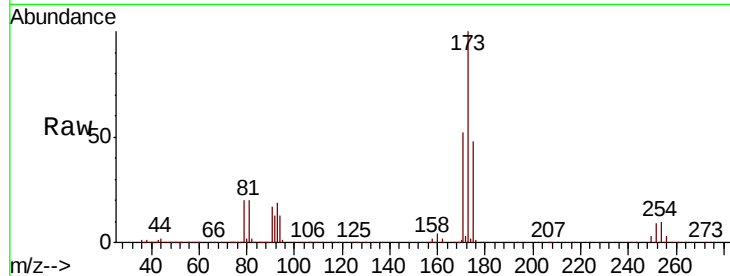




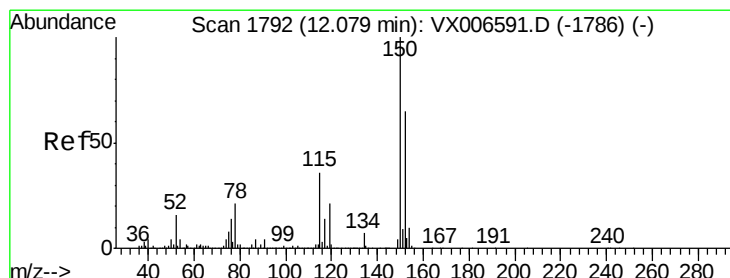
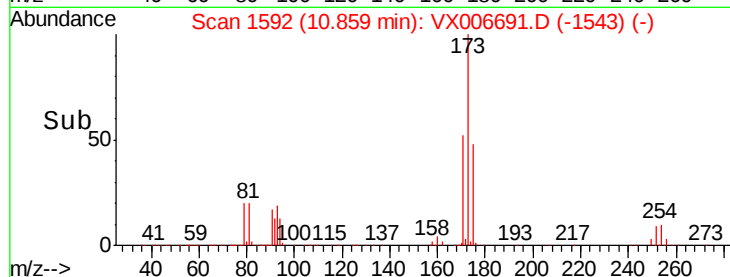
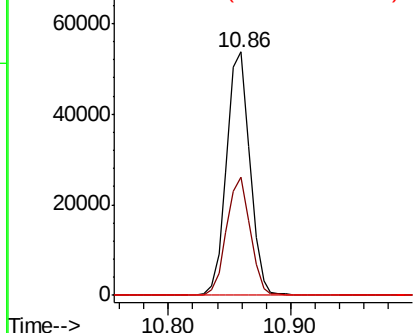
#71
Bromoform
Concen: 17.713 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 70890
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.1 0.2 0.2#

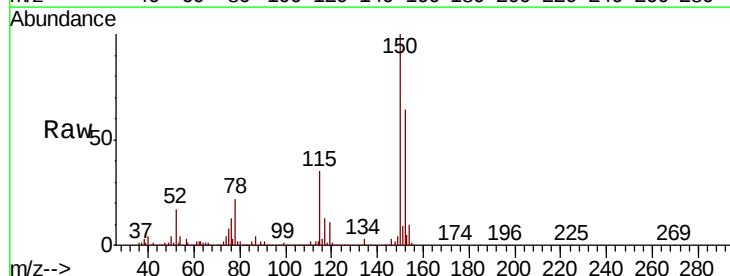


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

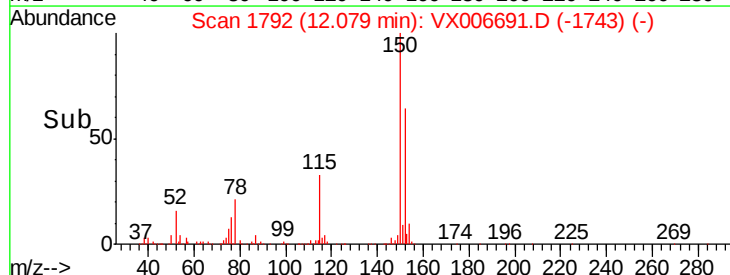
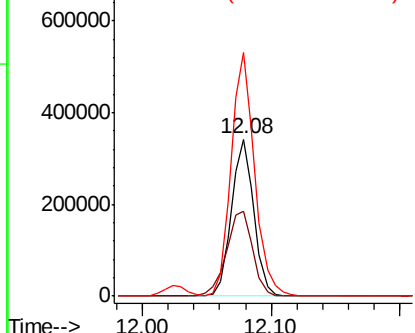


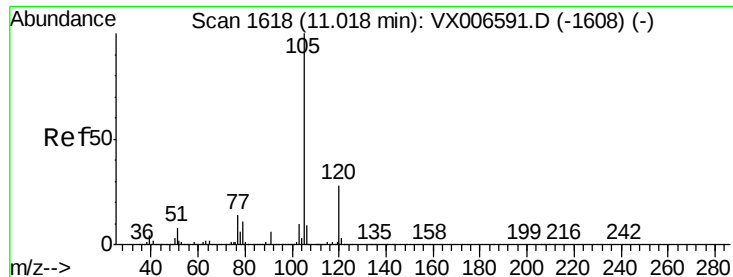
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:152 Resp: 414368
Ion Ratio Lower Upper
152 100
115 63.8 39.1 117.2
150 163.0 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: 20.262 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

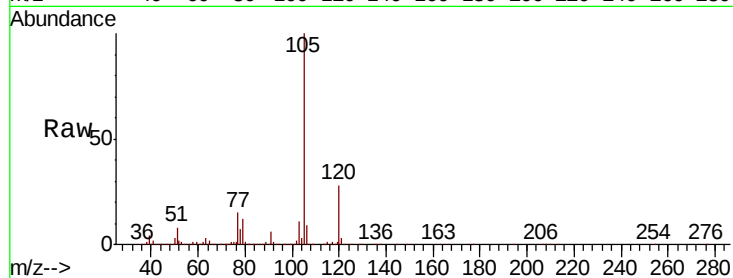
ClientSampled :

Tot Ion:105 Resp: 574392

Ion Ratio Lower Upper

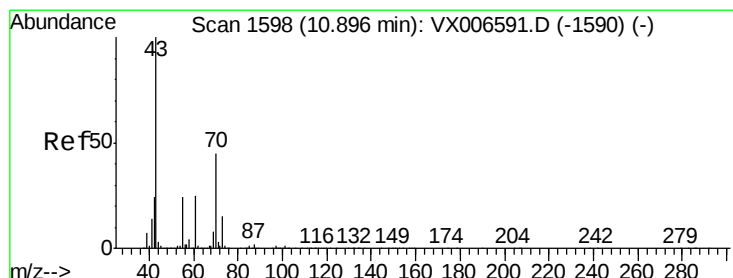
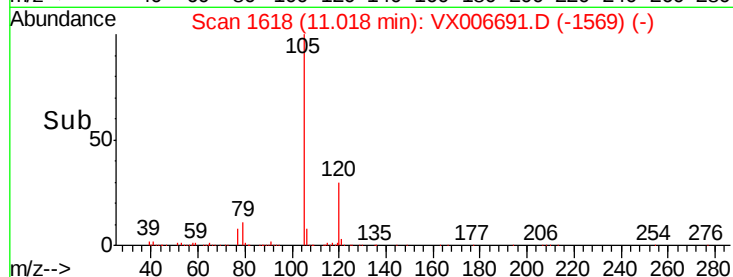
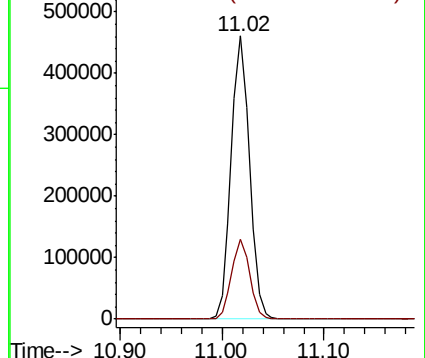
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.958 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion: 43 Resp: 212660

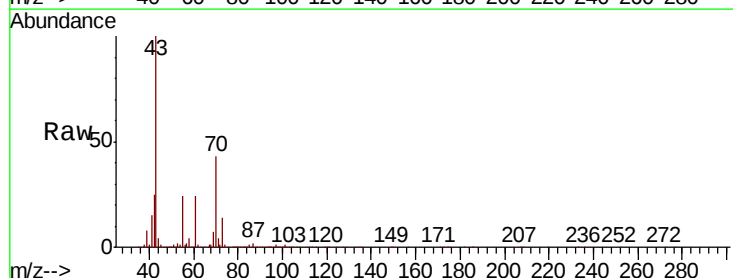
Ion Ratio Lower Upper

43 100

70 43.2 35.8 53.8

55 25.2 19.4 29.0

61 24.7 20.1 30.1

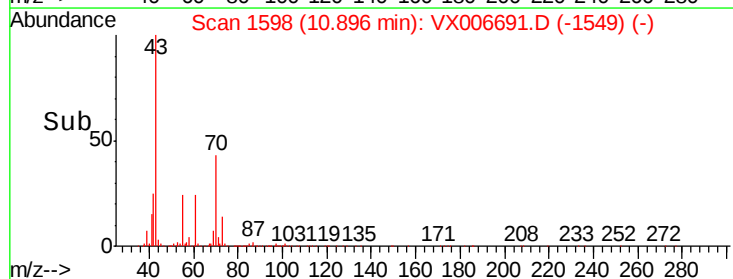
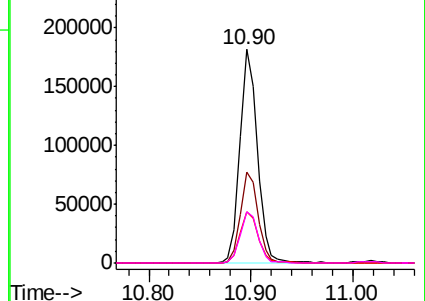


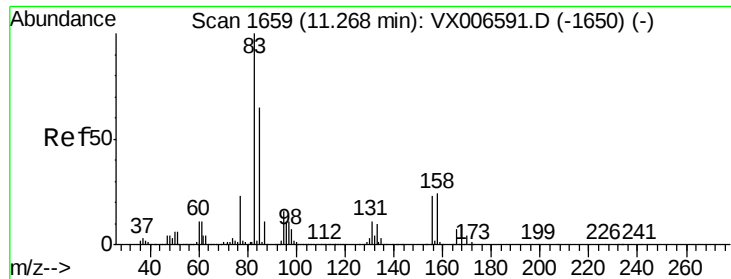
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.157 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

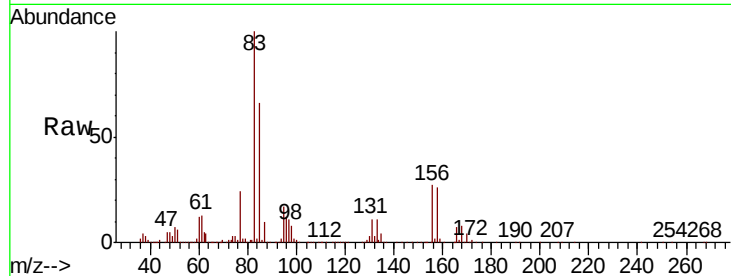
Tot Ion: 83 Resp: 178366

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

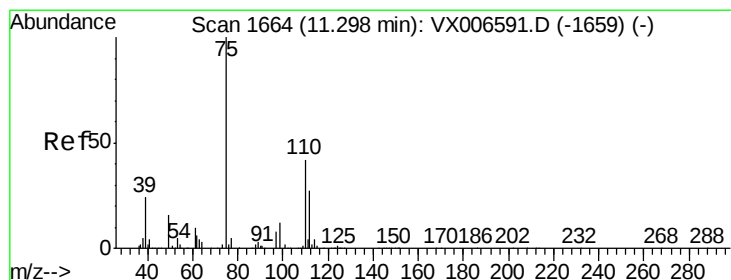
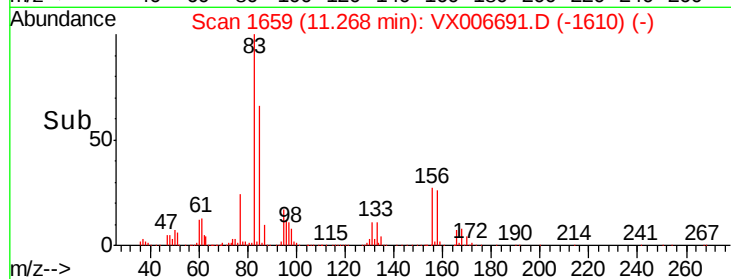
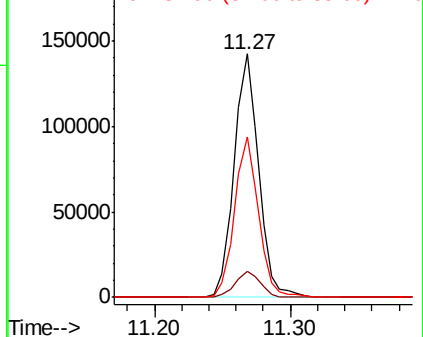
85 65.1 32.2 96.6



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: 24.169 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006691.D

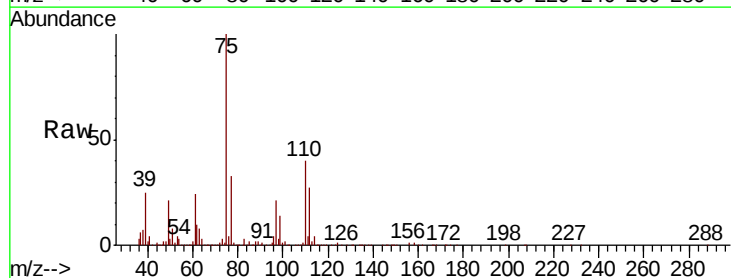
Acq: 20 Dec 2018 22:54

Tgt Ion: 75 Resp: 186116

Ion Ratio Lower Upper

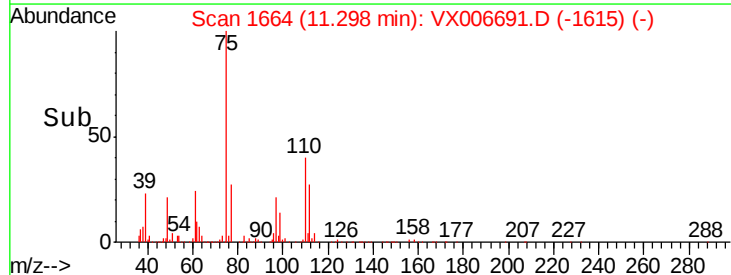
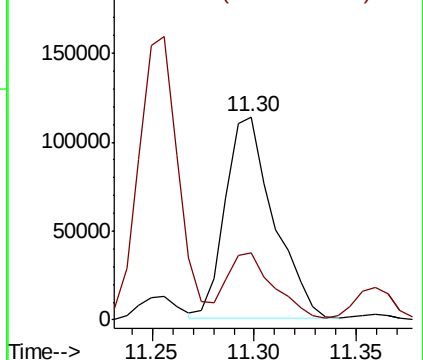
75 100

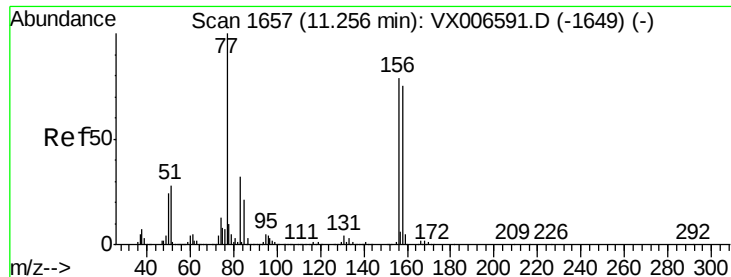
77 31.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.986 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

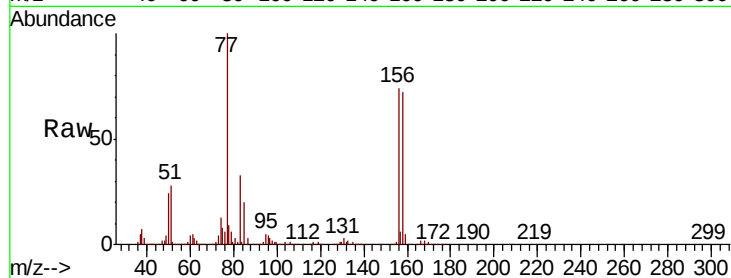
Tot Ion:156 Resp: 153174

Ion Ratio Lower Upper

156 100

77 140.2 68.0 204.0

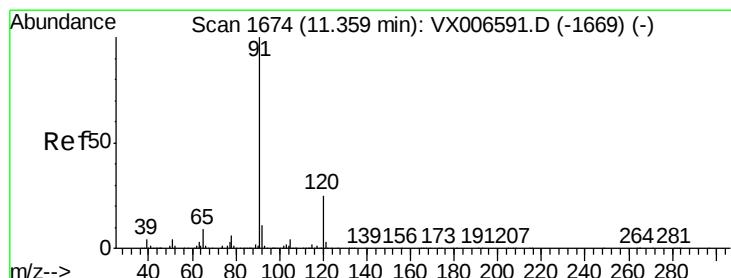
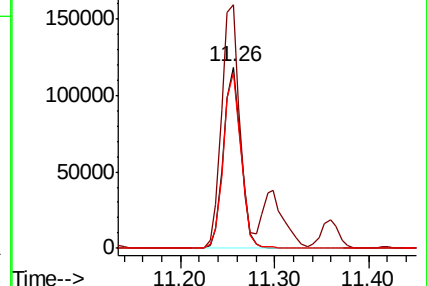
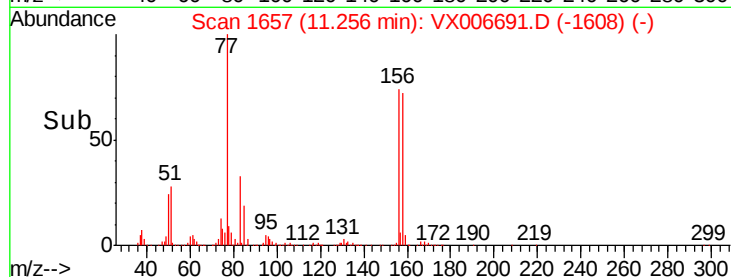
158 97.4 48.3 144.8



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: 20.294 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006691.D

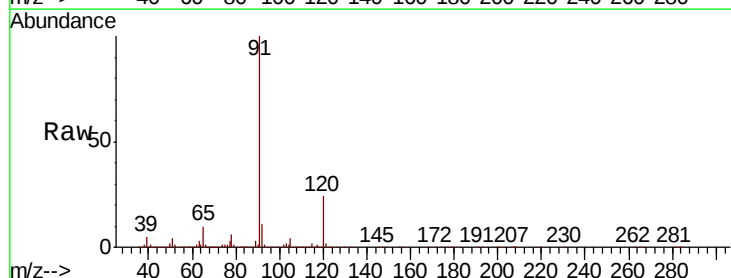
Acq: 20 Dec 2018 22:54

Tgt Ion: 91 Resp: 633524

Ion Ratio Lower Upper

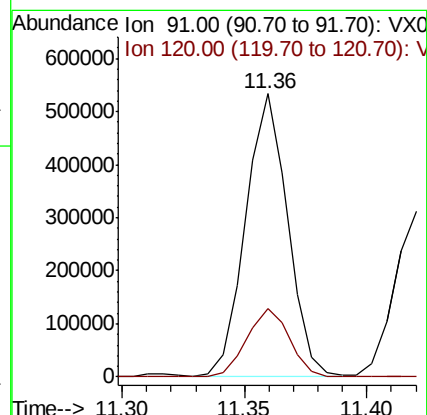
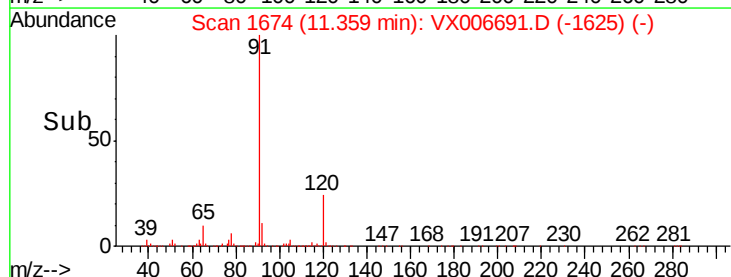
91 100

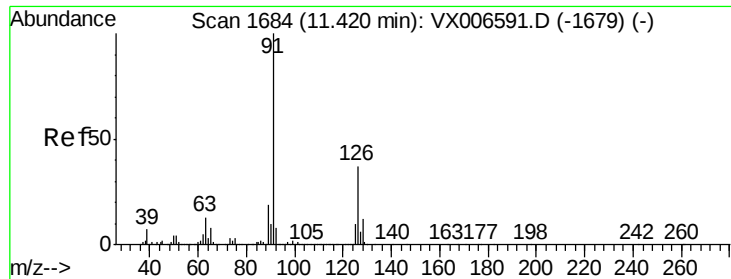
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

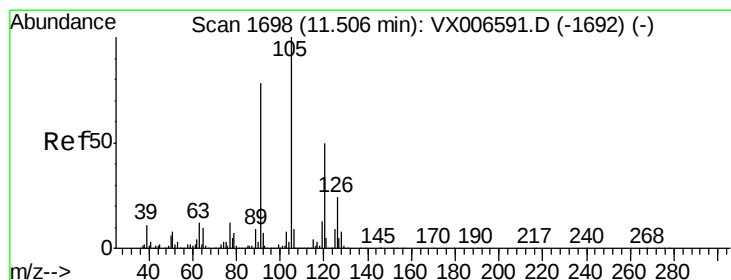
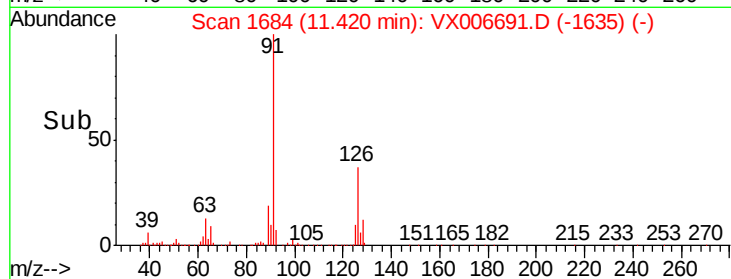
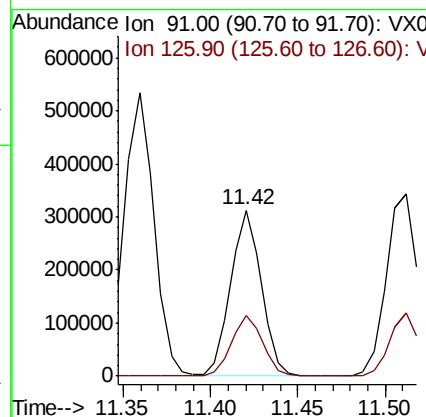
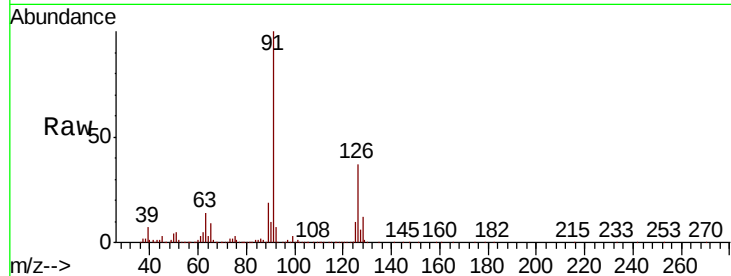




#79
 2-Chlorotoluene
 Concen: 20.014 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

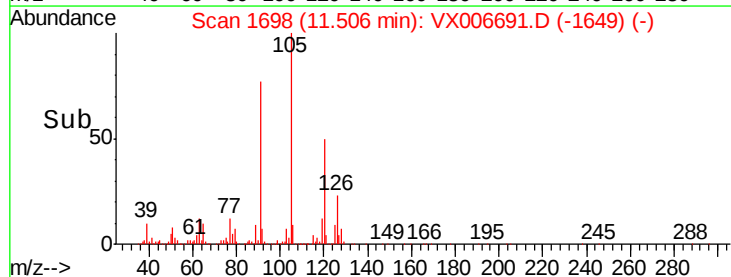
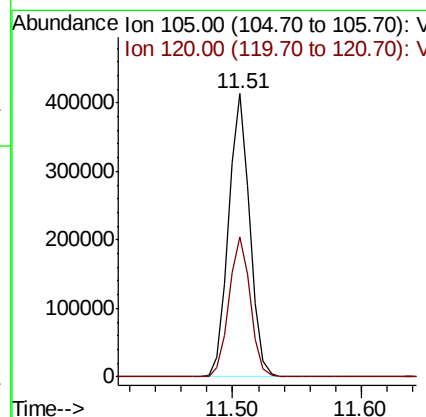
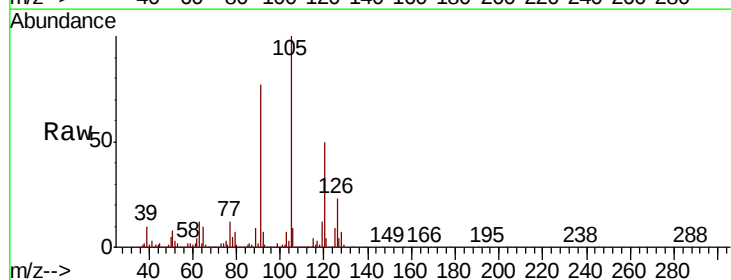
Instrument :
 MSVOA_X
 ClientSampleId :

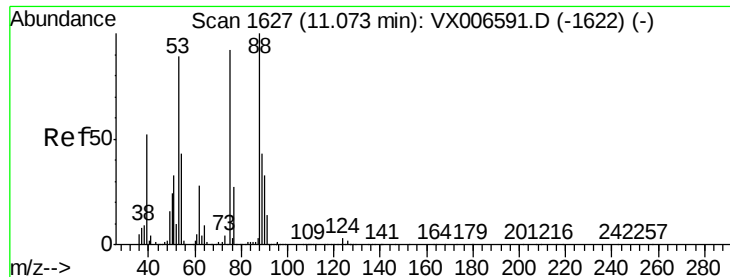
Tot Ion: 91 Resp: 378608
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.540 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion: 105 Resp: 479585
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.075 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

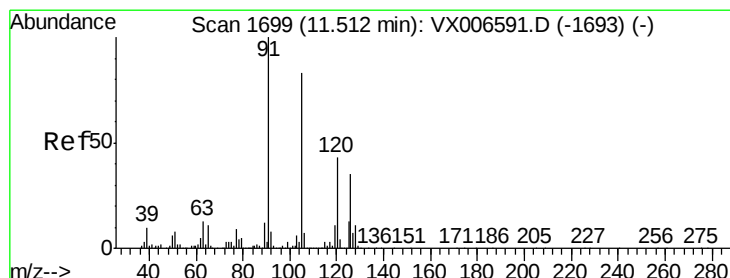
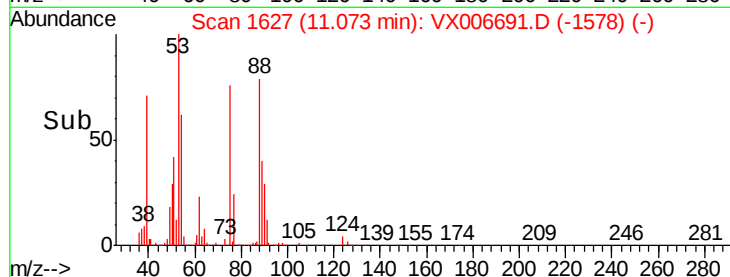
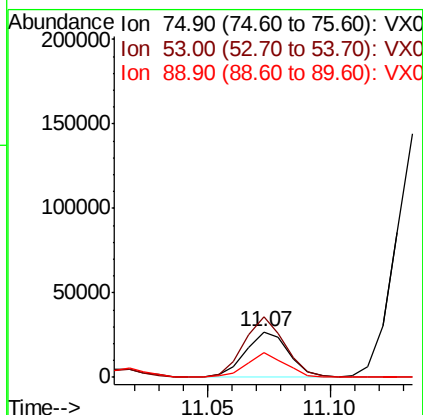
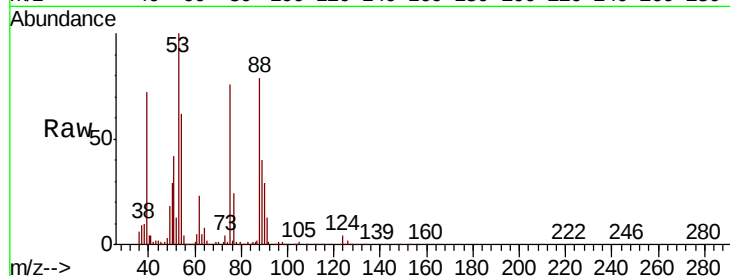
Tot Ion: 75 Resp: 32738

Ion Ratio Lower Upper

75 100

53 127.6 79.7 119.5#

89 49.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.906 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006691.D

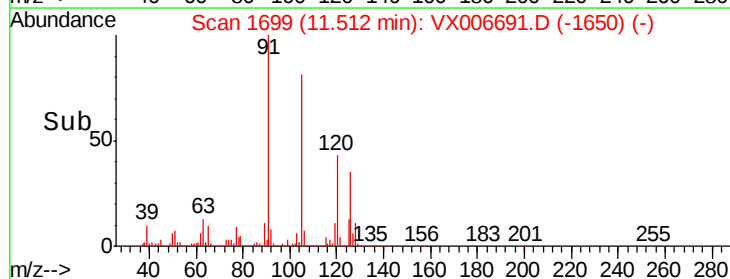
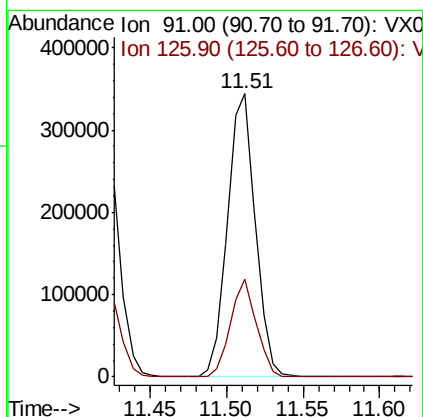
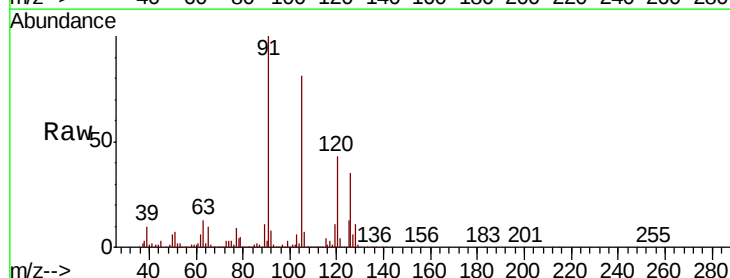
Acq: 20 Dec 2018 22:54

Tgt Ion: 91 Resp: 431958

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9

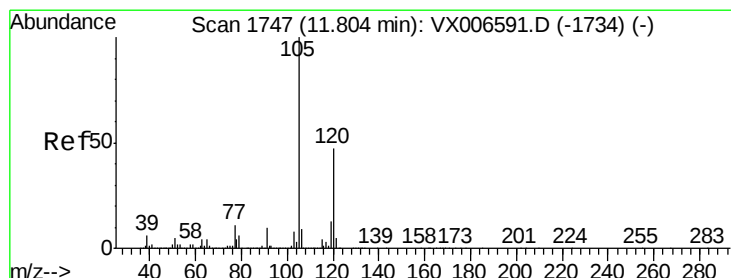
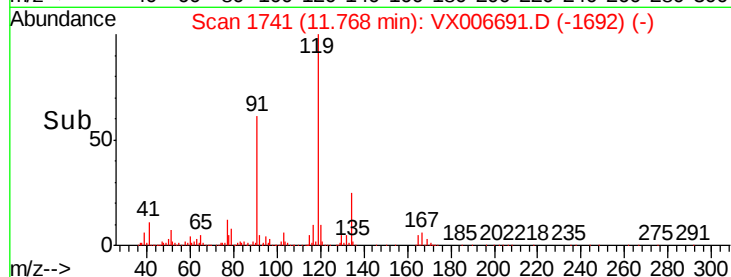
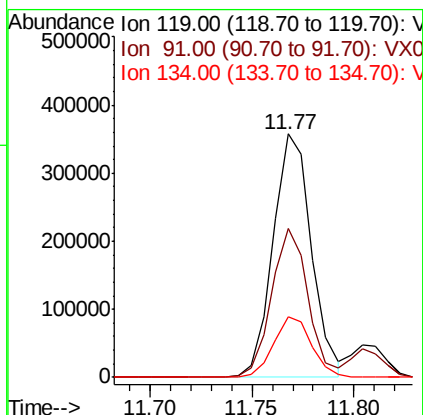
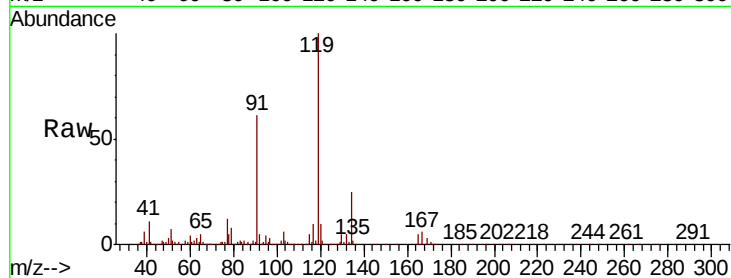




#83
tert-Butylbenzene
Concen: 20.105 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

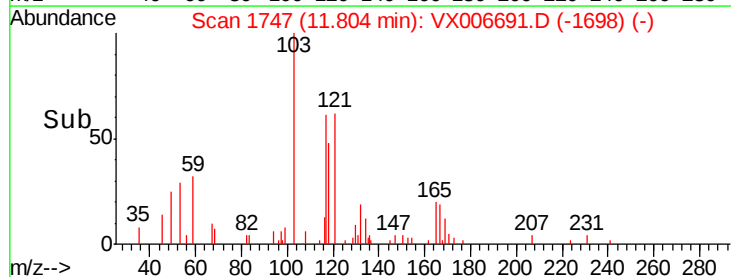
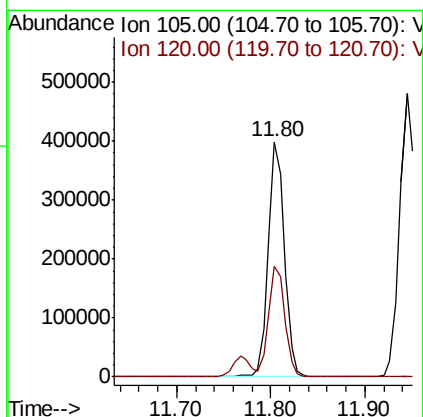
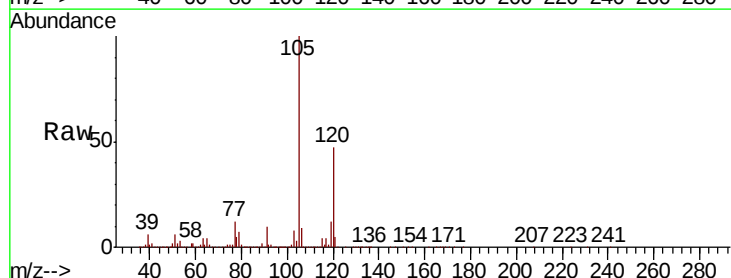
Instrument :
MSVOA_X
ClientSampleId :

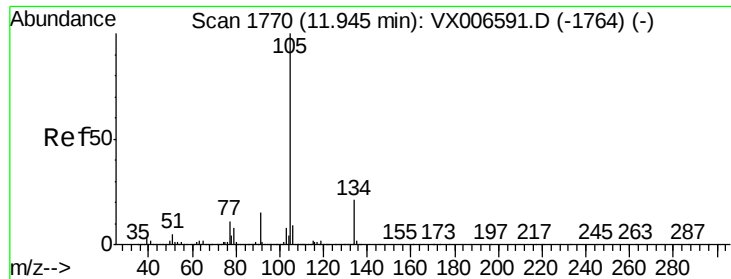
Tot Ion:119 Resp: 469836
Ion Ratio Lower Upper
119 100
91 58.1 27.7 83.1
134 24.7 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 19.840 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:105 Resp: 487244
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6

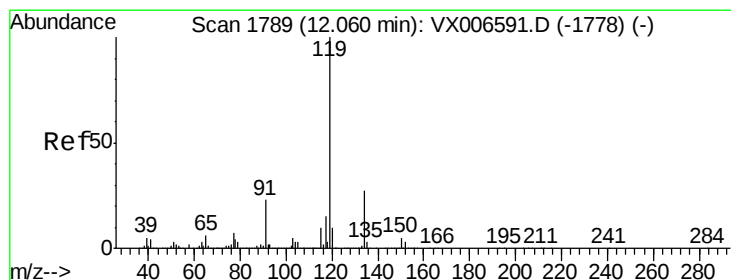
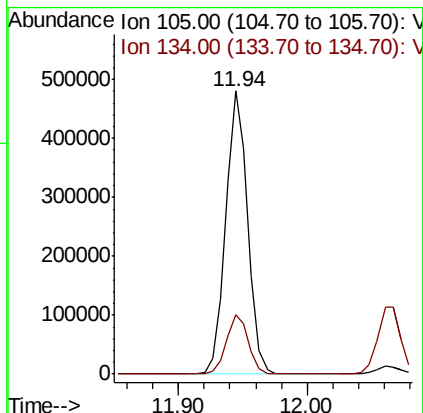
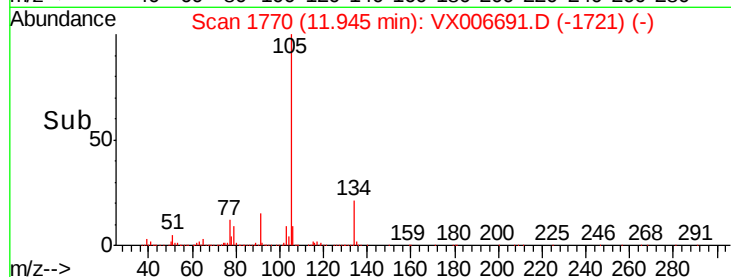
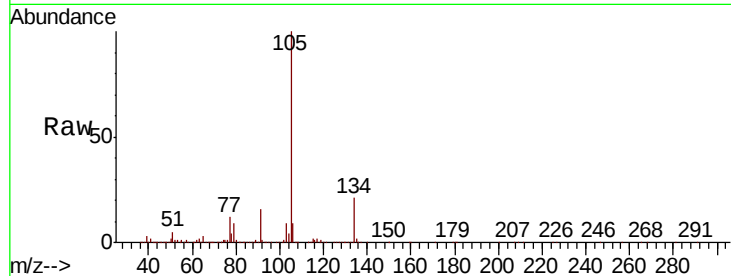




#85
 sec-Butylbenzene
 Concen: 20.033 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

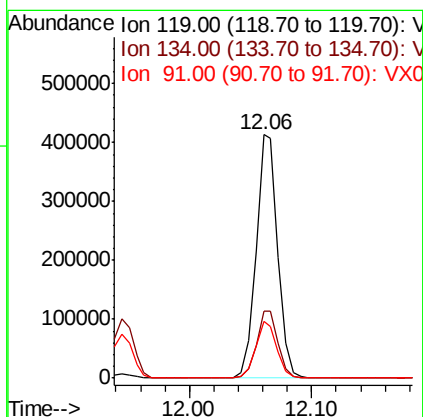
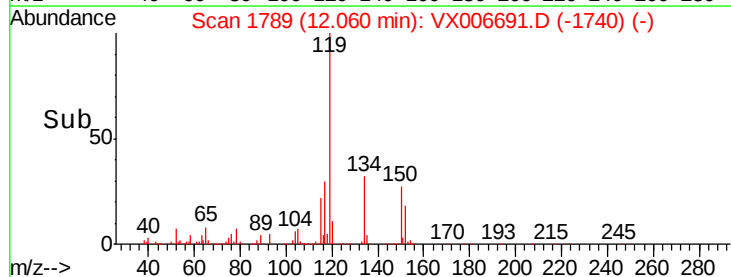
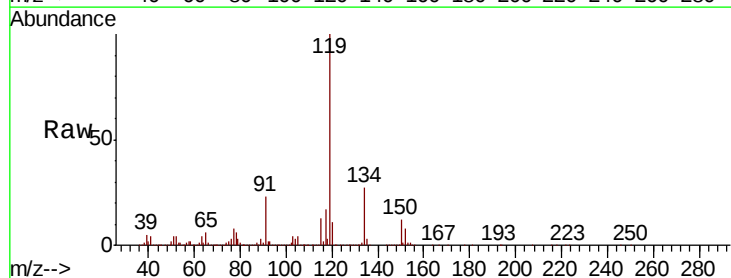
Instrument :
 MSVOA_X
 ClientSampleId :

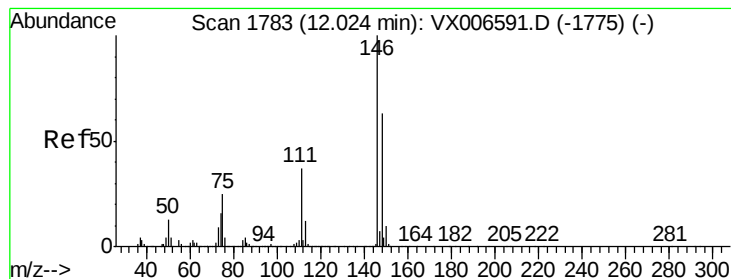
Tot Ion:105 Resp: 573979
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 20.216 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion:119 Resp: 509144
 Ion Ratio Lower Upper
 119 100
 134 27.6 14.0 41.9
 91 22.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.965 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

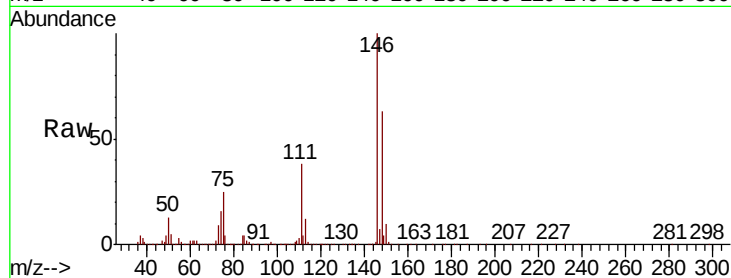
Tot Ion:146 Resp: 275763

Ion Ratio Lower Upper

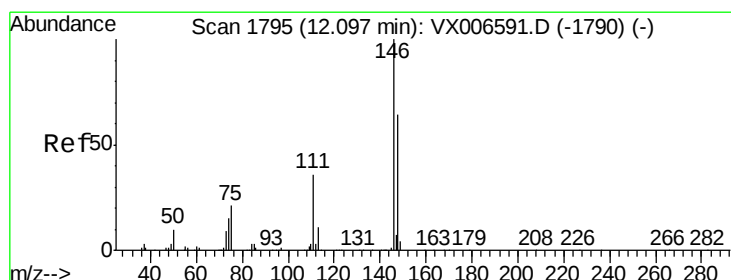
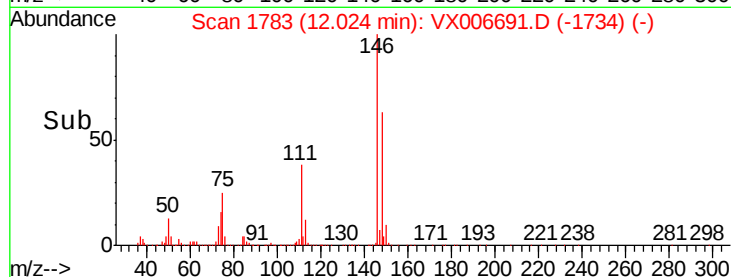
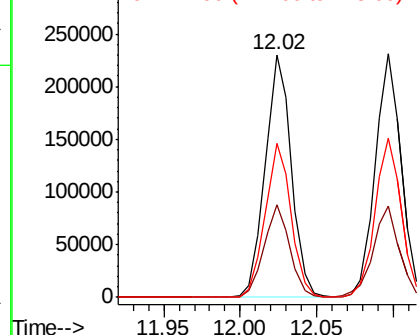
146 100

111 37.6 18.6 55.8

148 62.9 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 19.304 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

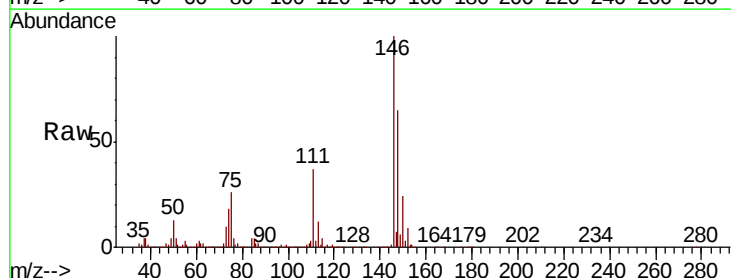
Tgt Ion:146 Resp: 273336

Ion Ratio Lower Upper

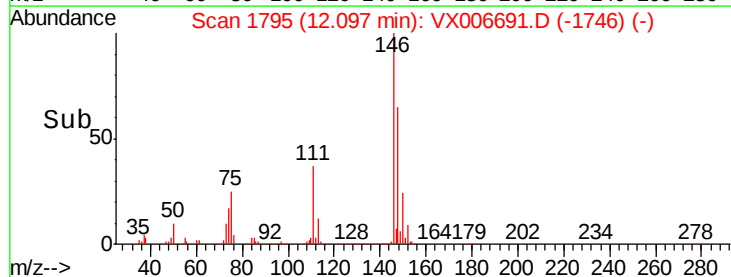
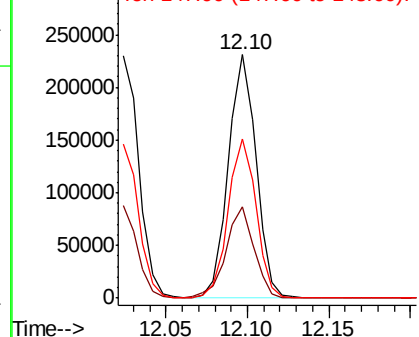
146 100

111 38.2 18.1 54.1

148 66.0 31.9 95.9



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

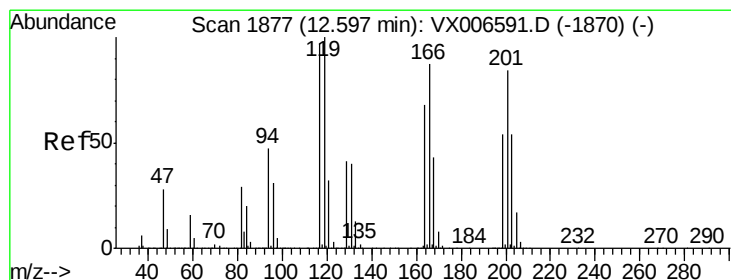
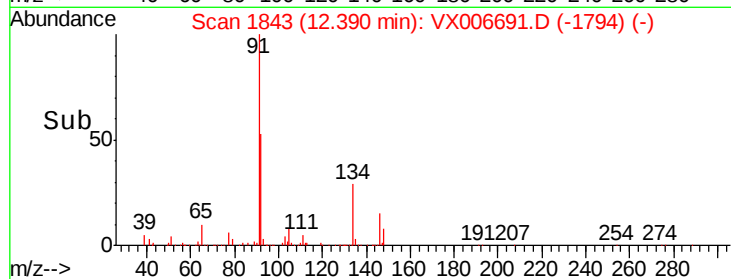
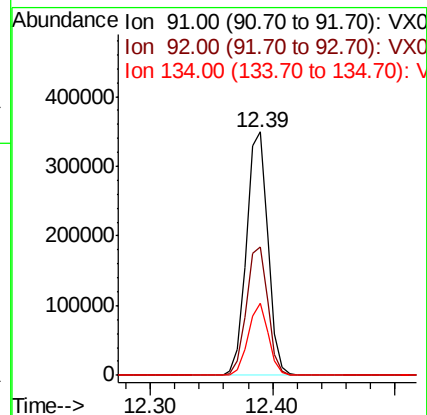
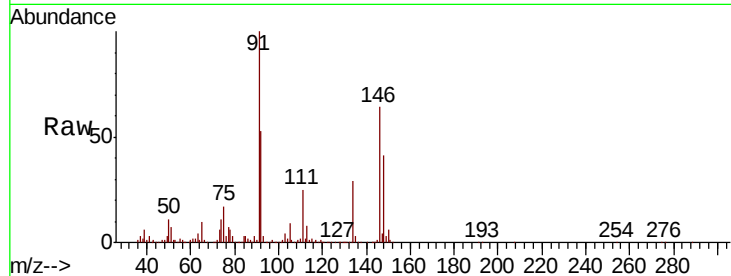




#89
n-Butylbenzene
Concen: 19.621 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

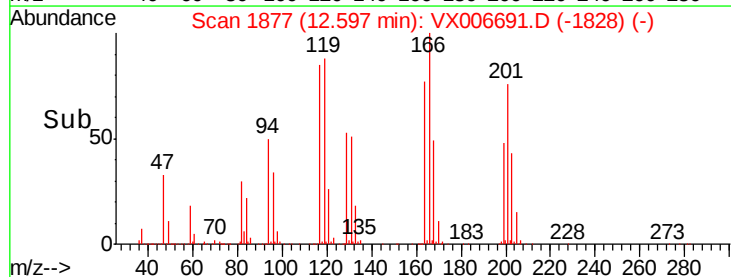
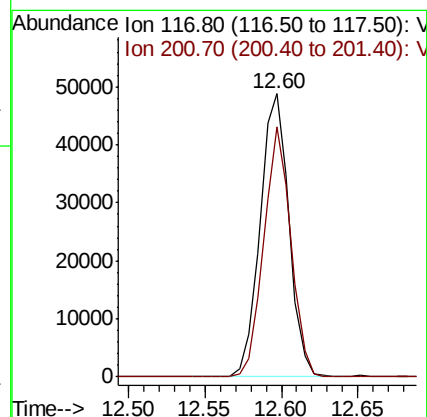
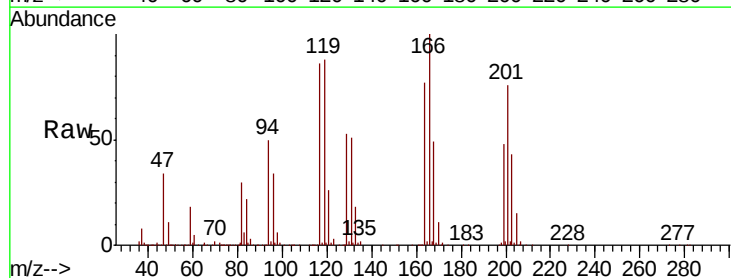
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 420562
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 18.499 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion: 117 Resp: 64163
Ion Ratio Lower Upper
117 100
201 82.9 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.837 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006691.D

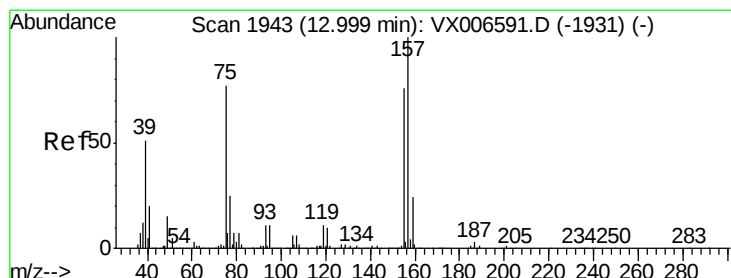
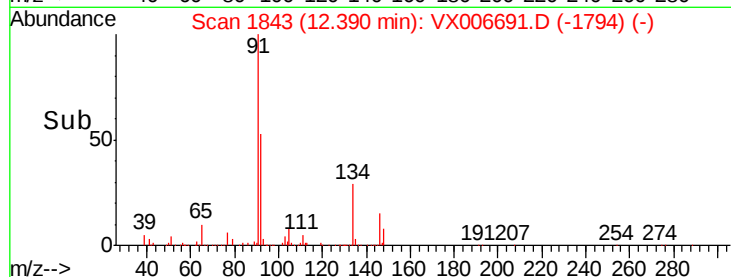
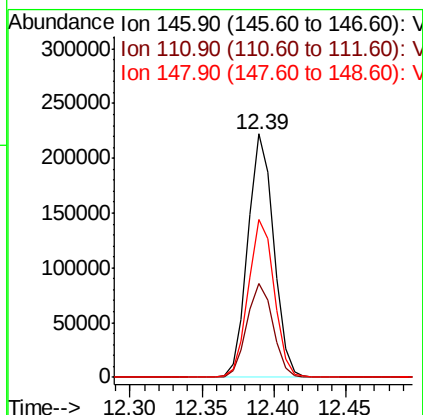
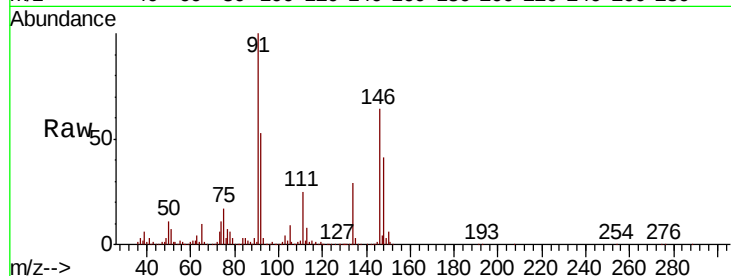
Acq: 20 Dec 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	274095
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	65.1	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.741 ug/l

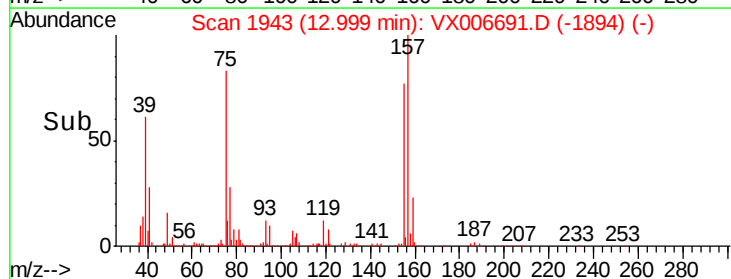
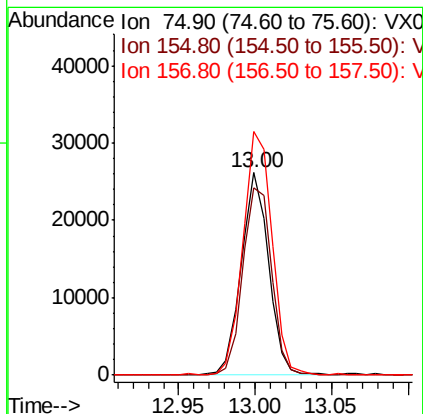
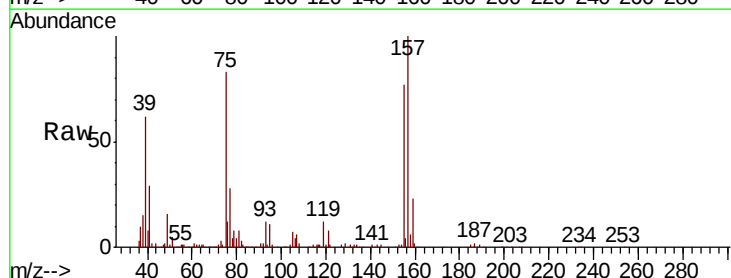
RT: 13.00 min Scan# 1943

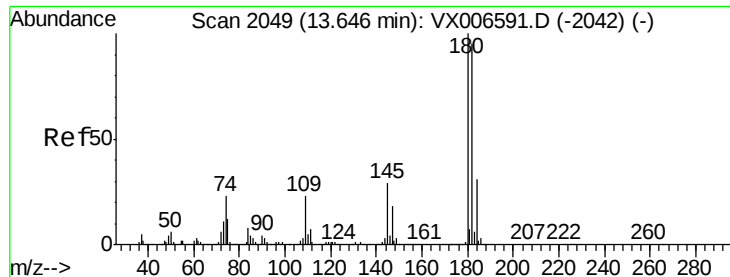
Delta R.T. -0.00 min

Lab File: VX006691.D

Acq: 20 Dec 2018 22:54

Tgt Ion:	75	Resp:	32693
Ion	Ratio	Lower	Upper
75	100		
155	96.8	50.6	151.8
157	127.5	64.6	193.8

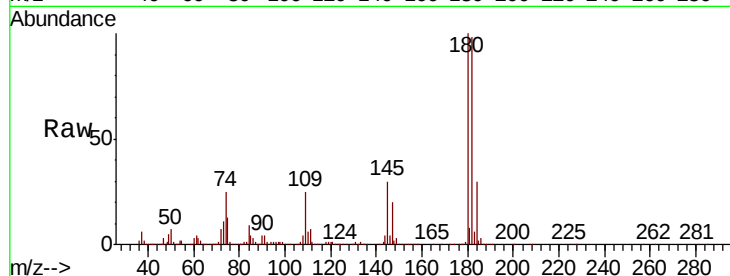




#93
 1,2,4-Trichlorobenzene
 Concen: 19.080 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	30.2	14.8	44.3

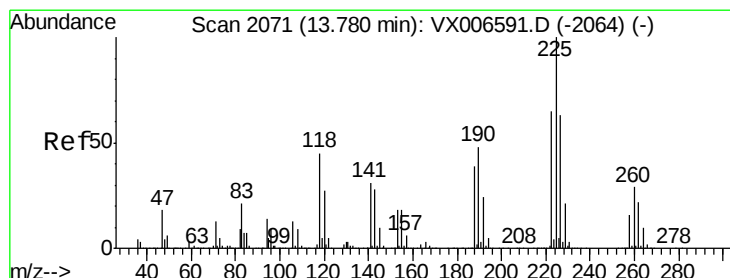
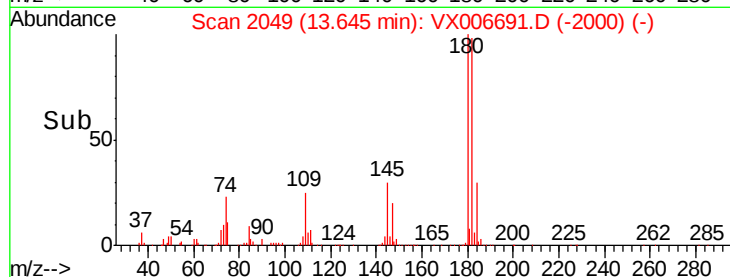
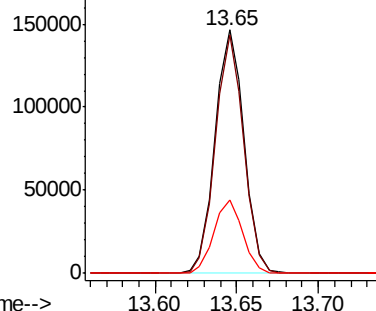


Abundance

Ion 179.80 (179.50 to 180.50): V

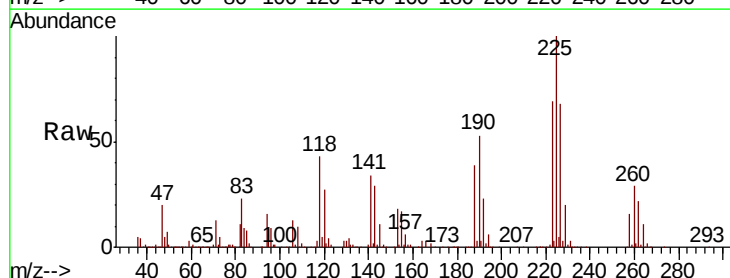
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.257 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006691.D
 Acq: 20 Dec 2018 22:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.1	96.3
227	66.0	32.3	96.8

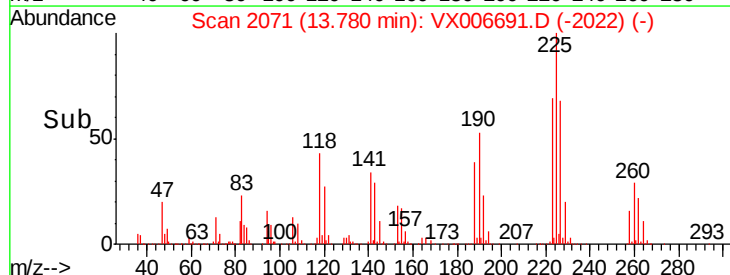
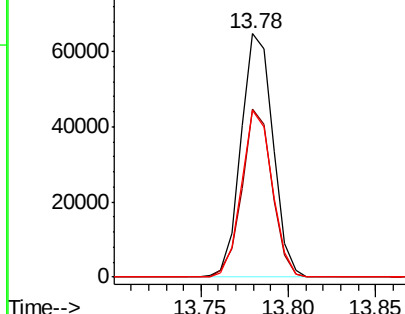


Abundance

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

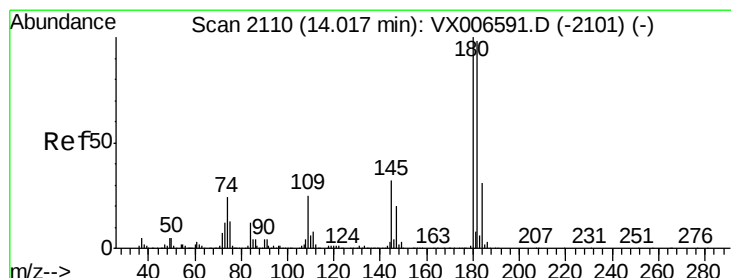
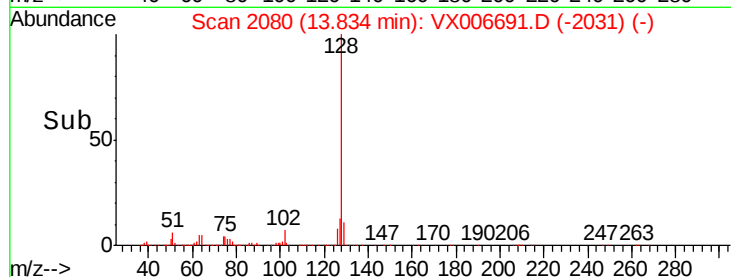
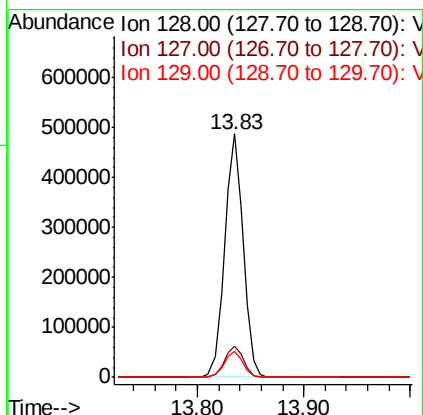
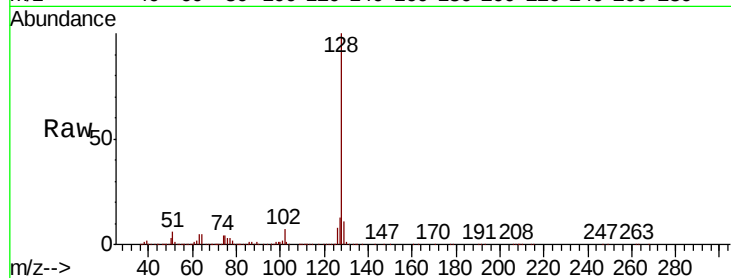




#95
Naphthalene
Concen: 19.461 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 591982
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.070 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006691.D
Acq: 20 Dec 2018 22:54

Tgt Ion:180 Resp: 187659
Ion Ratio Lower Upper
180 100
182 96.1 48.5 145.5
145 32.0 16.0 47.9

