

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005255.D
 Acq On : 11 Oct 2018 15:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:08:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	120933	37.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.62%	
35) Dibromofluoromethane	5.50	113	100776	37.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.82%	
50) Toluene-d8	8.72	98	368729	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	
62) 4-Bromofluorobenzene	11.14	95	143124	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160753	51.965	ug/l	97
3) Chloromethane	1.32	50	168409	44.872	ug/l	100
4) Vinyl Chloride	1.40	62	171507	48.722	ug/l	98
5) Bromomethane	1.64	94	85324	40.876	ug/l	97
6) Chloroethane	1.71	64	103517	54.155	ug/l	97
7) Trichlorofluoromethane	1.92	101	235043	53.936	ug/l	95
8) Diethyl Ether	2.19	74	88313	46.648	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131176	52.844	ug/l	99
10) Methyl Iodide	2.51	142	122397	36.847	ug/l	91
11) Tert butyl alcohol	3.09	59	207618	229.103	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119082	48.440	ug/l	94
13) Acrolein	2.29	56	94042	145.853	ug/l	92
14) Allyl chloride	2.72	41	269079	50.165	ug/l	95
15) Acrylonitrile	3.15	53	489957	245.600	ug/l	97
16) Acetone	2.45	43	479887	253.617	ug/l	94
17) Carbon Disulfide	2.56	76	341082	46.173	ug/l	97
18) Methyl Acetate	2.78	43	258952	54.016	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	441583	52.075	ug/l	96
20) Methylene Chloride	2.85	84	139073	50.561	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	130303	48.420	ug/l	86
22) Diisopropyl ether	3.87	45	448400	49.644	ug/l	99
23) Vinyl Acetate	3.82	43	2096500	253.572	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269392	49.999	ug/l	100
25) 2-Butanone	4.71	43	642277	230.279	ug/l	98
26) 2,2-Dichloropropane	4.58	77	194429	51.821	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	136555	45.423	ug/l	94
28) Bromochloromethane	5.02	49	90451	35.649	ug/l	100
29) Tetrahydrofuran	5.17	42	407319	234.964	ug/l	98
30) Chloroform	5.21	83	234472	46.046	ug/l	99
31) Cyclohexane	5.57	56	205258	49.775	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	204691	49.221	ug/l	95
36) 1,1-Dichloropropene	5.80	75	175578	48.411	ug/l	94
37) Ethyl Acetate	4.86	43	227592	47.274	ug/l	98
38) Carbon Tetrachloride	5.77	117	181509	47.609	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207702	56.084	ug/l #	84
40) Benzene	6.14	78	517695	45.594	ug/l	96
41) Methacrylonitrile	5.07	41	127991	47.939	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188978	47.080	ug/l	97
43) Isopropyl Acetate	6.46	43	331770	47.746	ug/l	96
44) Trichloroethene	7.21	130	142644	51.103	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138520	49.747	ug/l	98
46) Dibromomethane	7.66	93	91134	52.078	ug/l	100
47) Bromodichloromethane	7.90	83	178063	54.348	ug/l	98
48) Methyl methacrylate	7.78	41	177206	56.186	ug/l	99
49) 1,4-Dioxane	7.76	88	72331	923.117	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1208214	276.150	ug/l	99
52) Toluene	8.79	92	330451	52.964	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	202180	54.608	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	217586	56.108	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	138640	50.729	ug/l	96
56) Ethyl methacrylate	9.18	69	216560	48.899	ug/l	97
57) 1,3-Dichloropropane	9.37	76	229522	50.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	462088	199.294	ug/l	99
59) 2-Hexanone	9.50	43	980383	268.897	ug/l	95
60) Dibromochloromethane	9.59	129	146215	53.497	ug/l	100
61) 1,2-Dibromoethane	9.68	107	142822	48.797	ug/l	94
64) Tetrachloroethene	9.34	164	140752	47.707	ug/l	96
65) Chlorobenzene	10.14	112	375382	48.835	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	139173	51.501	ug/l	99
67) Ethyl Benzene	10.26	91	644294	52.795	ug/l	97
68) m/p-Xylenes	10.36	106	509735	106.888	ug/l	96
69) o-Xylene	10.70	106	241386	55.109	ug/l	99
70) Styrene	10.71	104	413055	50.402	ug/l	100
71) Bromoform	10.86	173	124799	53.943	ug/l #	97
73) Isopropylbenzene	11.02	105	663982	59.824	ug/l	100
74) N-amyl acetate	10.90	43	312929	51.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231454	51.229	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	271542	68.801	ug/l	84
77) Bromobenzene	11.26	156	178077	55.238	ug/l	98
78) n-propylbenzene	11.36	91	773176	60.714	ug/l	100
79) 2-Chlorotoluene	11.42	91	455968	57.442	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572989	56.352	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	70401	48.704	ug/l	97
82) 4-Chlorotoluene	11.51	91	542923	58.109	ug/l	100
83) tert-Butylbenzene	11.77	119	564795	61.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	590548	56.317	ug/l	100
85) sec-Butylbenzene	11.94	105	691121	62.092	ug/l	100
86) p-Isopropyltoluene	12.07	119	624836	61.961	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	335564	55.744	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	340293	54.761	ug/l	99
89) n-Butylbenzene	12.39	91	568623	62.087	ug/l	100
90) Hexachloroethane	12.60	117	102077	60.795	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	338067	53.739	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55642	56.090	ug/l	98

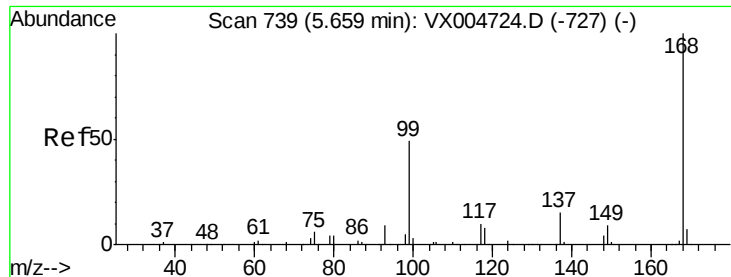
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101118\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	265360	60.132	ug/l	100
94) Hexachlorobutadiene	13.79	225	136230	59.532	ug/l	99
95) Naphthalene	13.83	128	797683	54.397	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268719	58.947	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: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

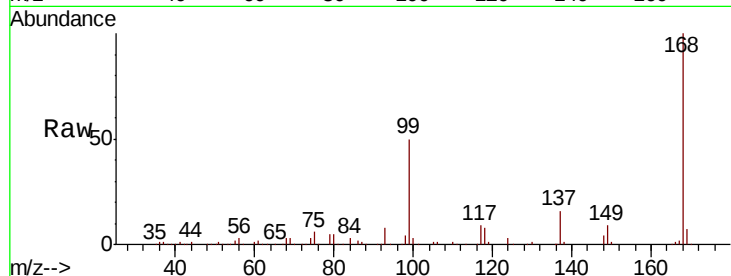
ClientSampled :

Tot Ion:168 Resp: 226883

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

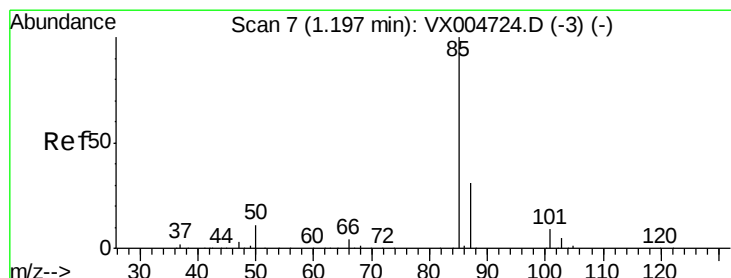
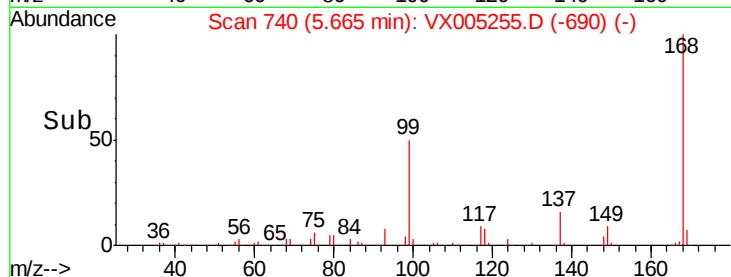
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.965 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005255.D

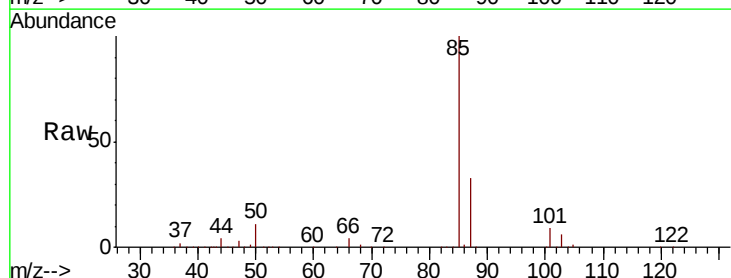
Acq: 11 Oct 2018 15:45

Tgt Ion: 85 Resp: 160753

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

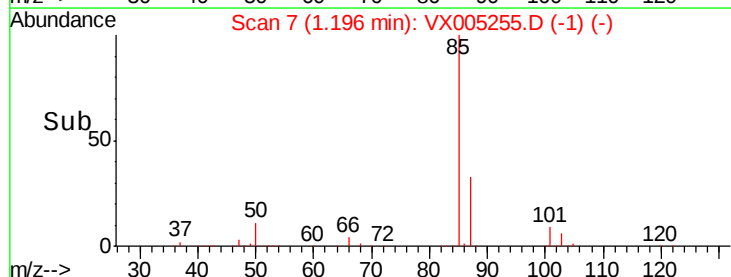
100000

50000

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Time-->

1.15 1.20 1.25 1.30 1.35

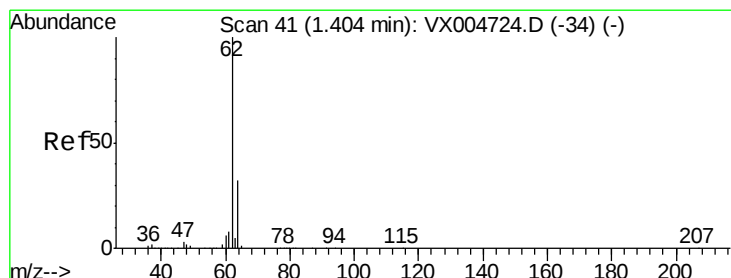
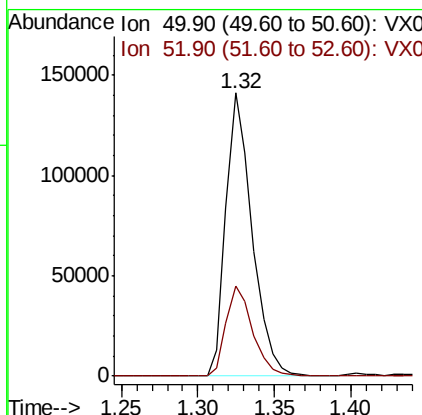
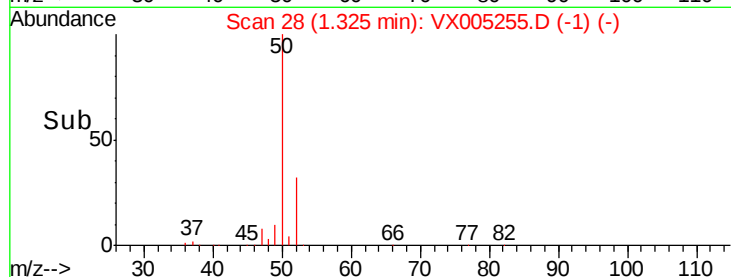
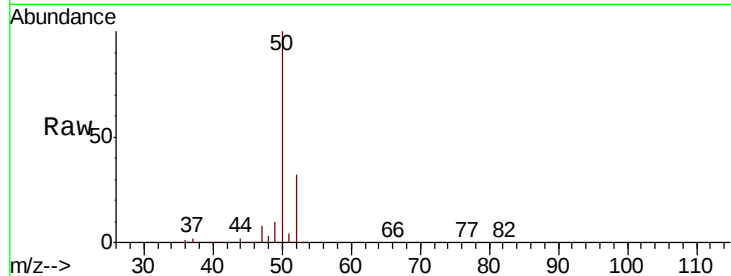




#3
 Chloromethane
 Concen: 44.872 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

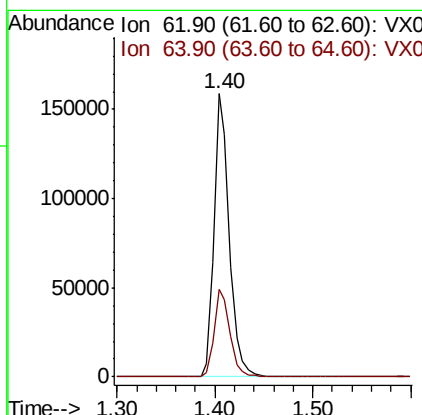
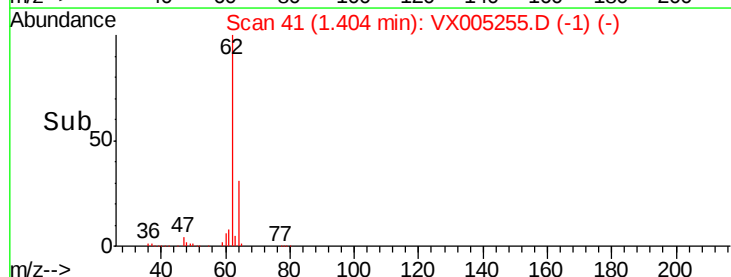
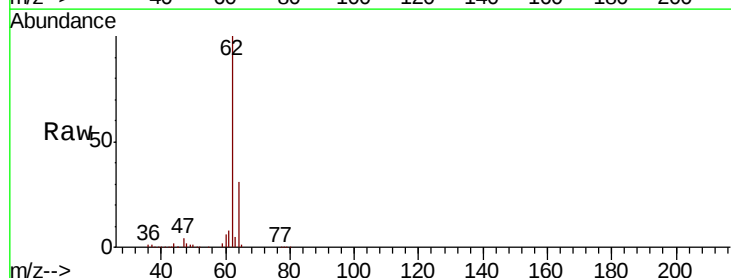
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 50 Resp: 168409
 Ion Ratio Lower Upper
 50 100
 52 31.9 25.8 38.6



#4
 Vinyl Chloride
 Concen: 48.722 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion: 62 Resp: 171507
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.5 38.3





#5

Bromomethane

Concen: 40.876 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

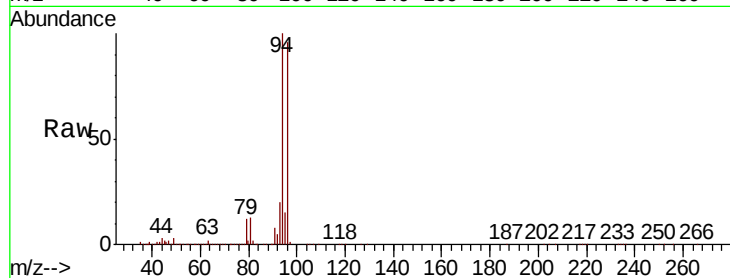
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 85324

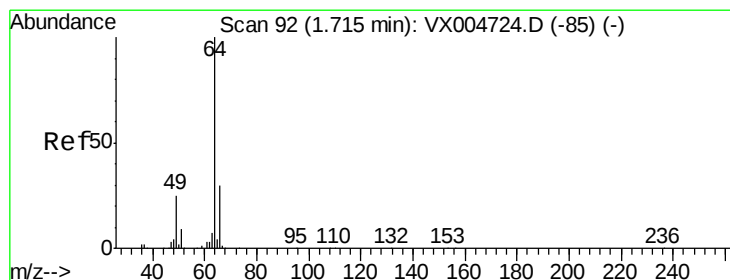
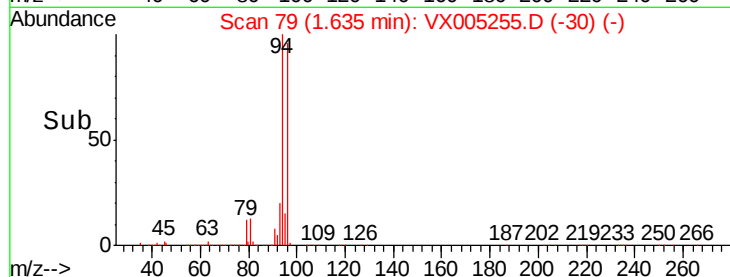
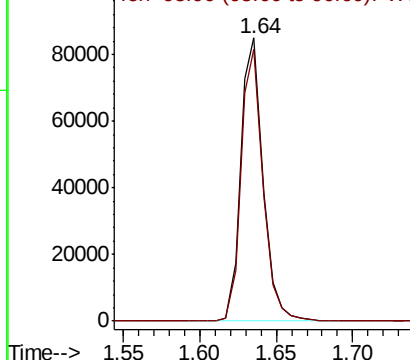
Ion Ratio Lower Upper

94 100

96 96.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.155 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005255.D

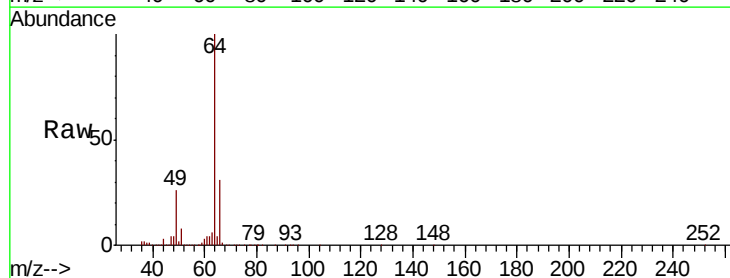
Acq: 11 Oct 2018 15:45

Tgt Ion: 64 Resp: 103517

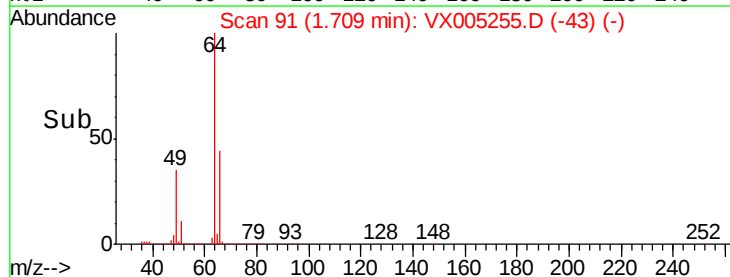
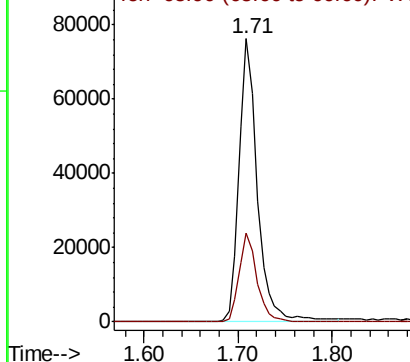
Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6



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



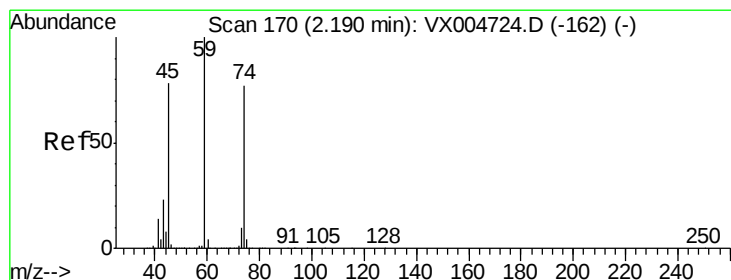
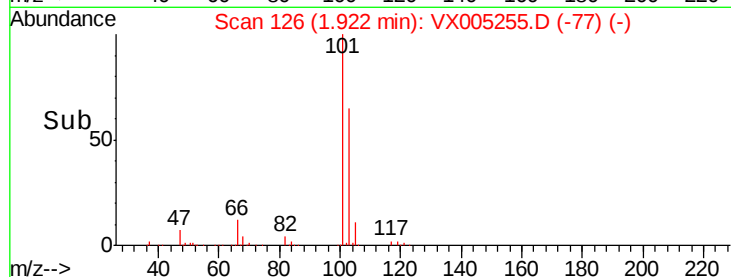
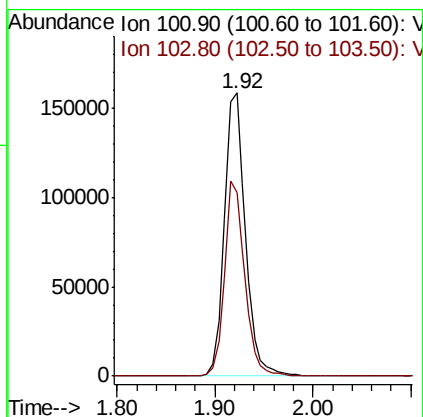
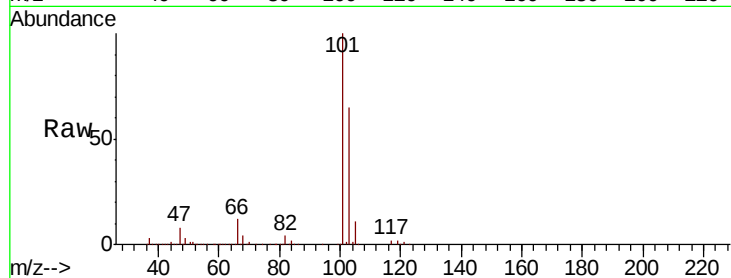


#7

Trichlorofluoromethane
Concen: 53.936 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :

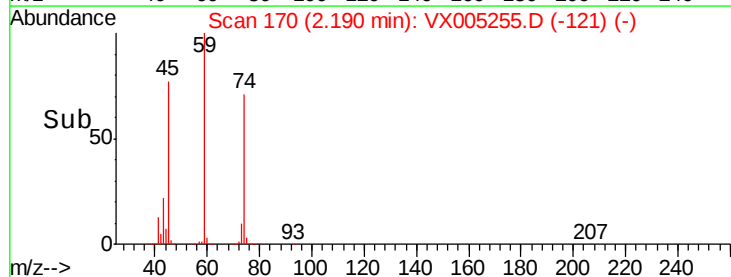
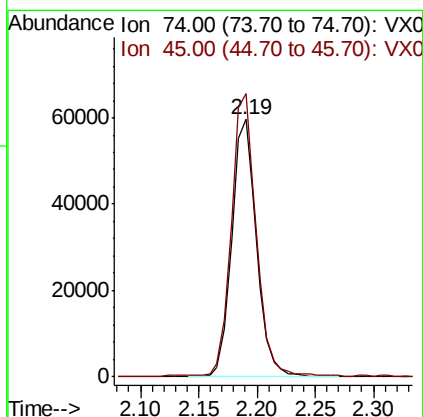
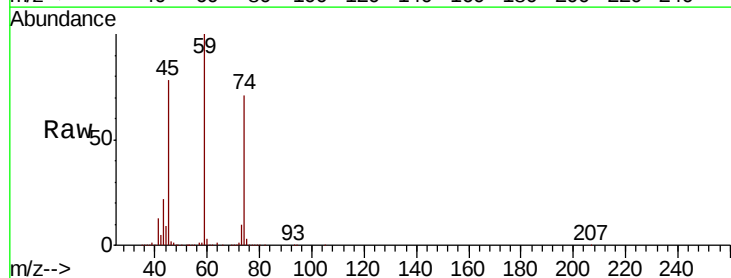
Tot Ion:101 Resp: 235043
Ion Ratio Lower Upper
101 100
103 64.7 48.4 72.6

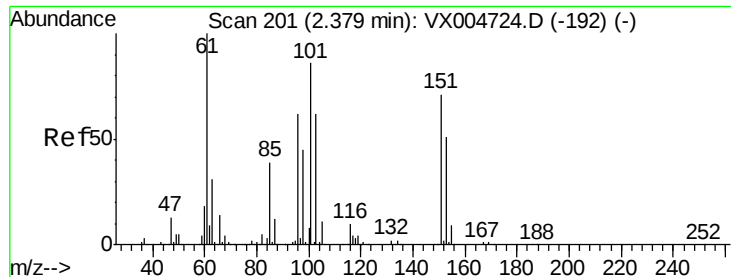


#8

Diethyl Ether
Concen: 46.648 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 74 Resp: 88313
Ion Ratio Lower Upper
74 100
45 109.5 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.844 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

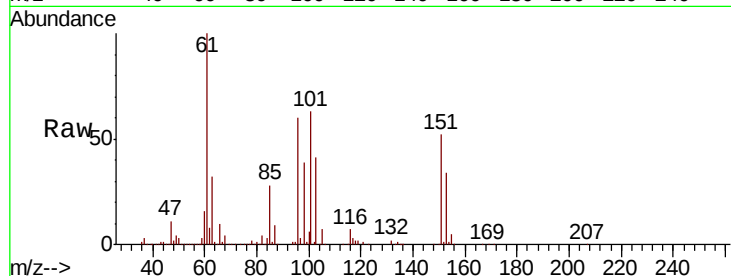
Tot Ion:101 Resp: 131176

Ion Ratio Lower Upper

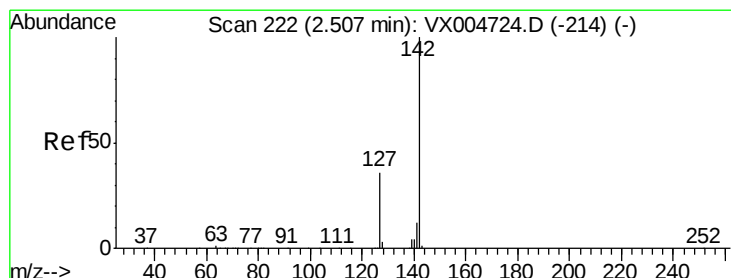
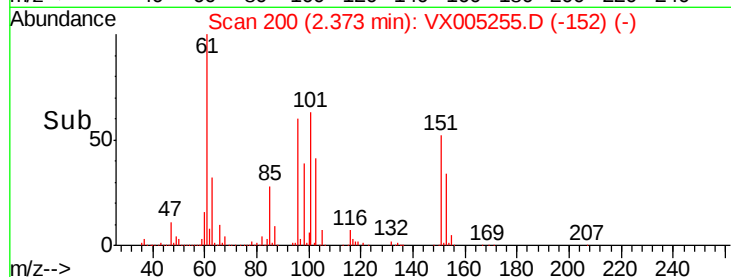
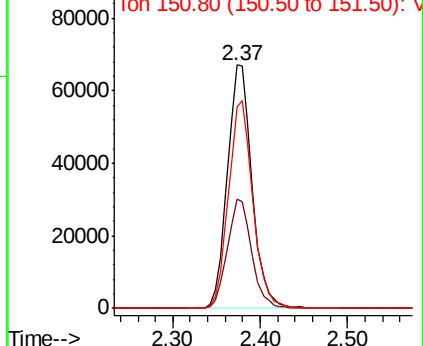
101 100

85 44.5 35.9 53.9

151 84.7 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.847 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

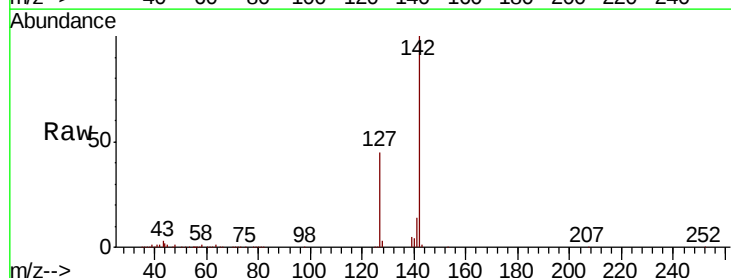
Tgt Ion:142 Resp: 122397

Ion Ratio Lower Upper

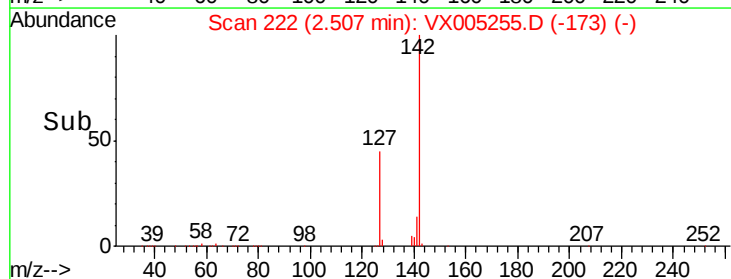
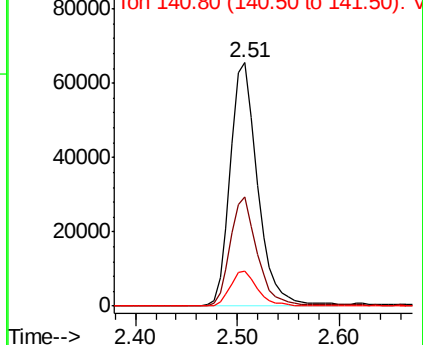
142 100

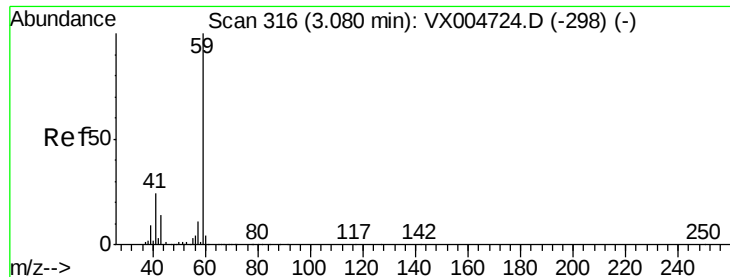
127 44.0 30.1 45.1

141 14.3 10.1 15.1



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



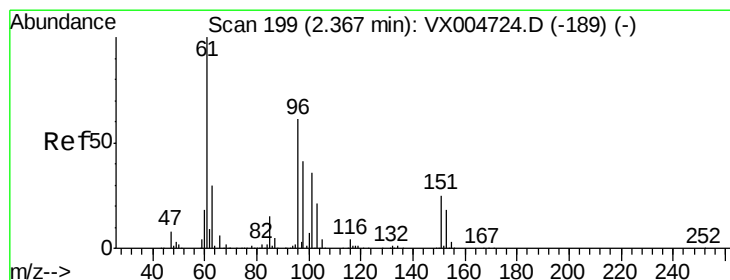
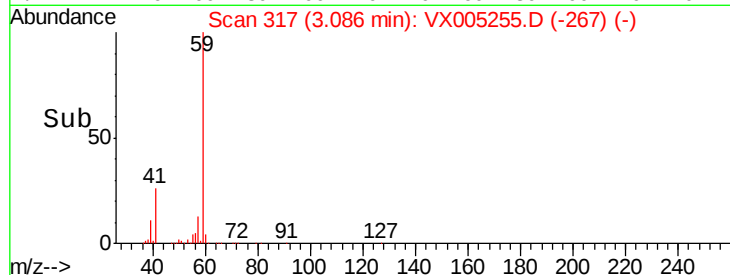
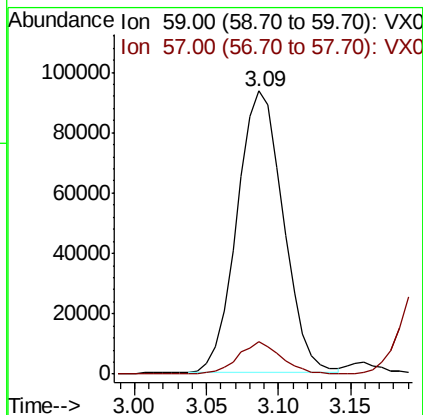
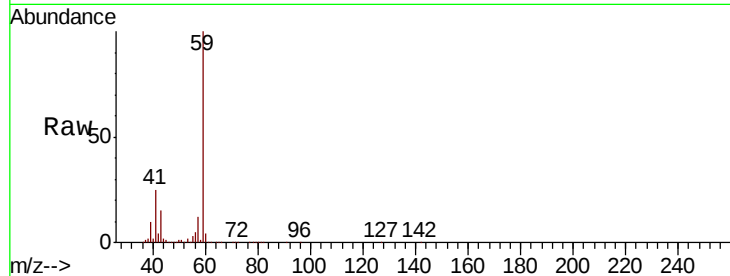


#11

Tert butyl alcohol
Concen: 229.103 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampled :

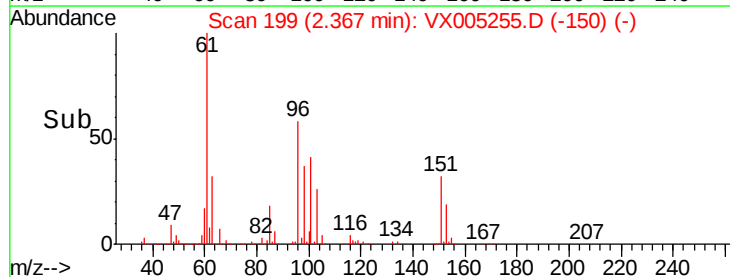
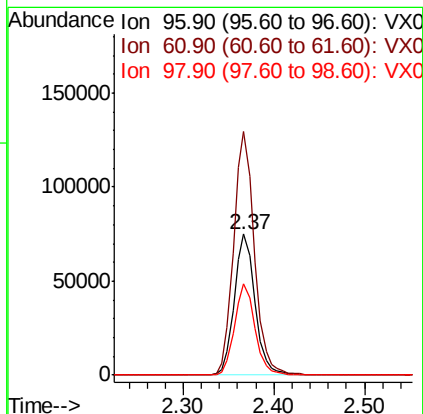
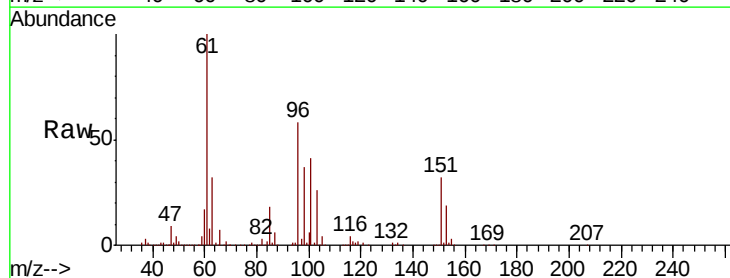
Tot Ion: 59 Resp: 207618
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

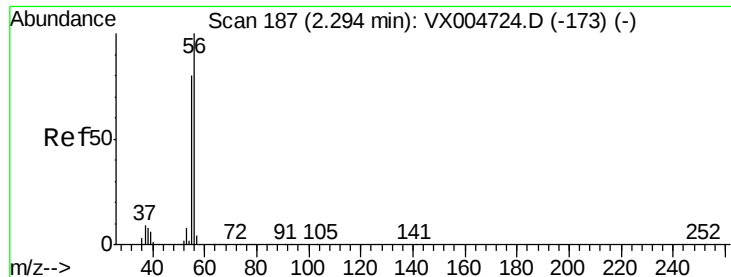


#12

1,1-Dichloroethene
Concen: 48.440 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 96 Resp: 119082
Ion Ratio Lower Upper
96 100
61 172.8 130.2 195.4
98 64.4 53.4 80.0





#13

Acrolein

Concen: 145.853 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

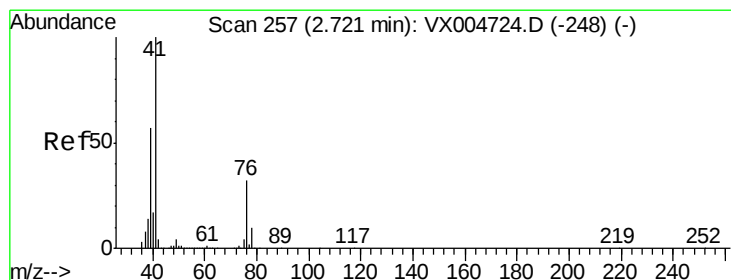
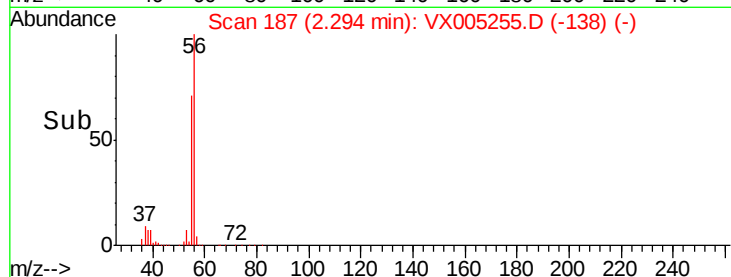
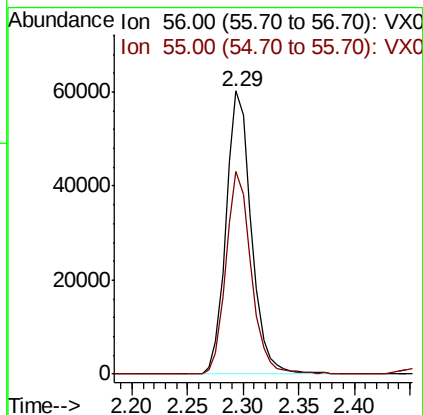
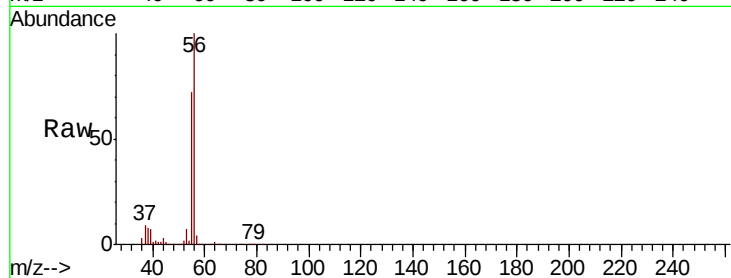
ClientSampleId :

Tot Ion: 56 Resp: 94042

Ion Ratio Lower Upper

56 100

55 72.3 63.4 95.2



#14

Allyl chloride

Concen: 50.165 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

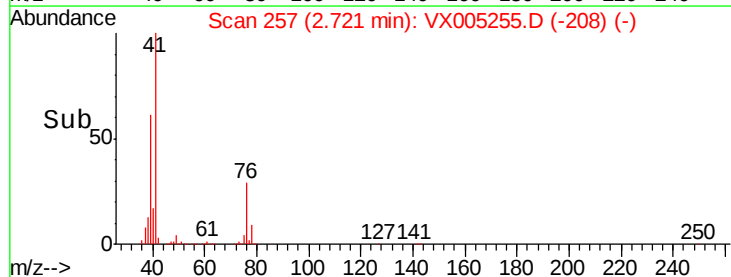
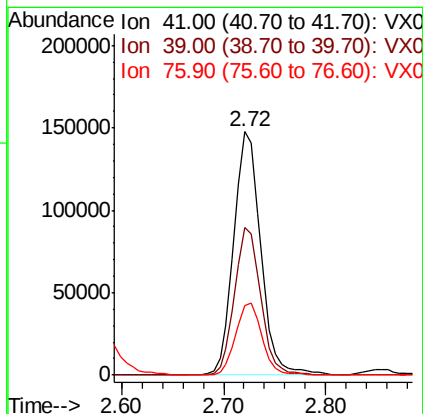
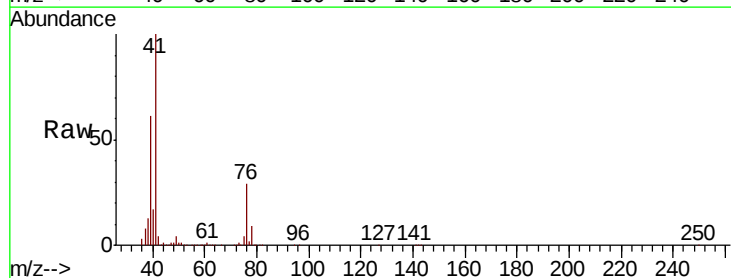
Tgt Ion: 41 Resp: 269079

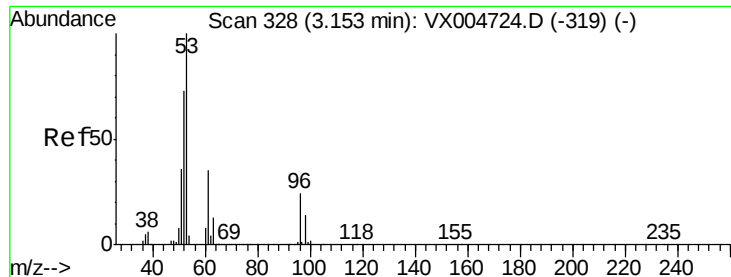
Ion Ratio Lower Upper

41 100

39 58.9 44.1 66.1

76 28.9 25.0 37.4





#15

Acrylonitrile

Concen: 245.600 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

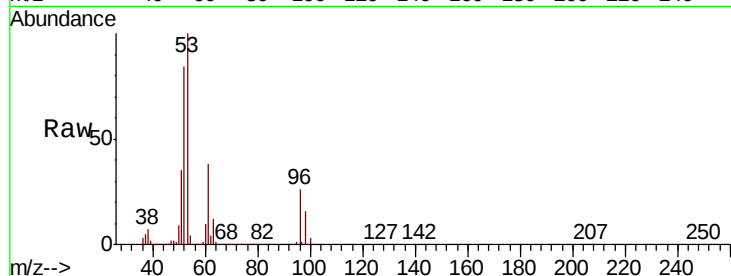
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 489957

Ion	Ratio	Lower	Upper
53	100		
52	83.0	63.0	94.4
51	35.8	28.6	42.8

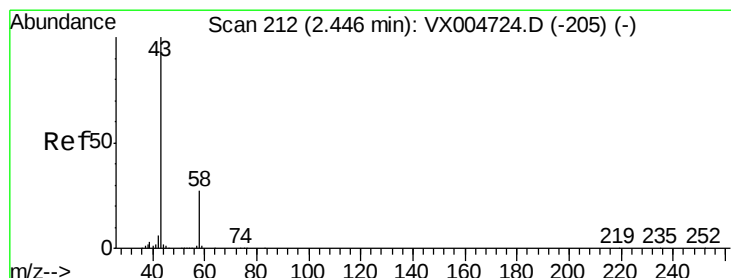
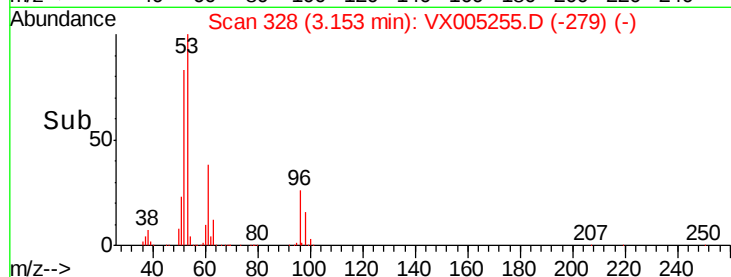
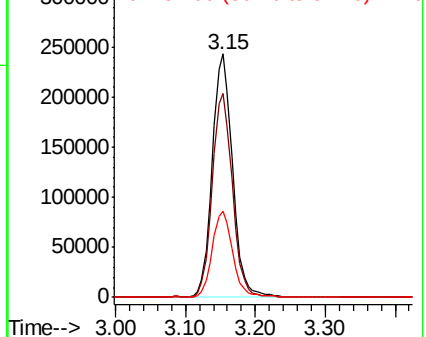


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 253.617 ug/l

RT: 2.45 min Scan# 213

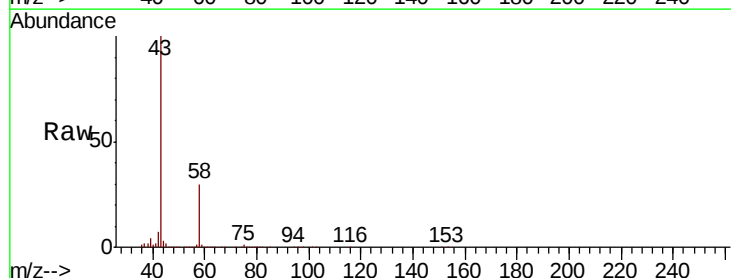
Delta R.T. 0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion: 43 Resp: 479887

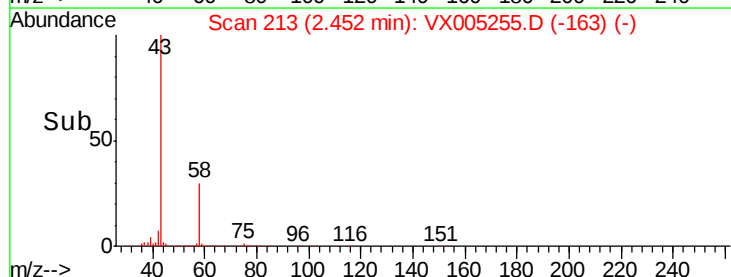
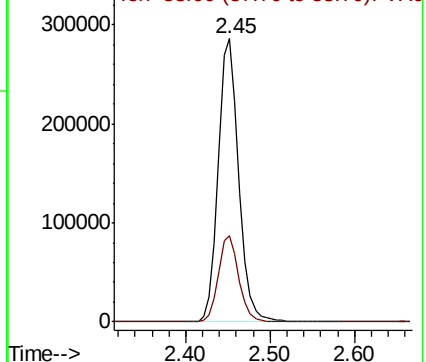
Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.8	32.6

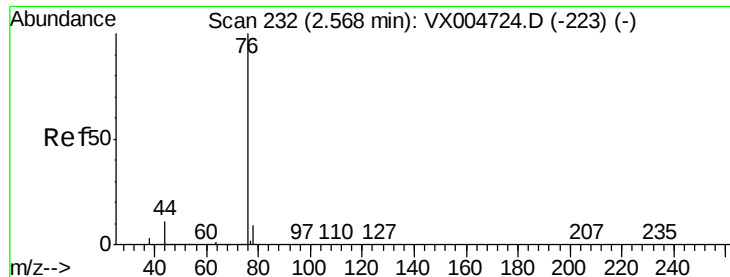


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.173 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

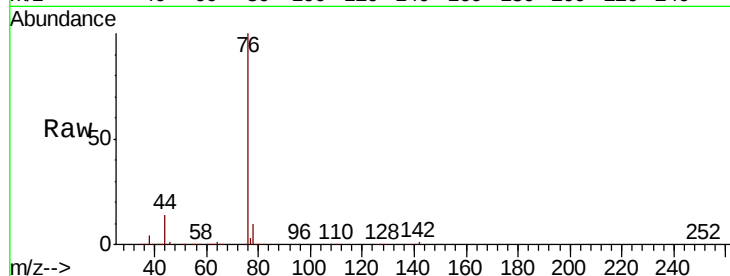
ClientSampled :

Tot Ion: 76 Resp: 341082

Ion Ratio Lower Upper

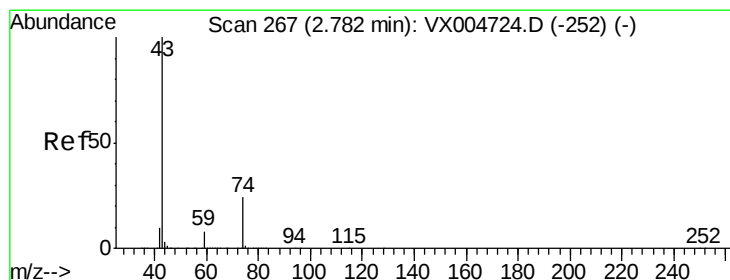
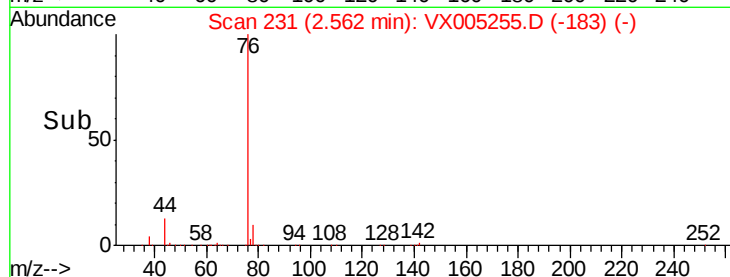
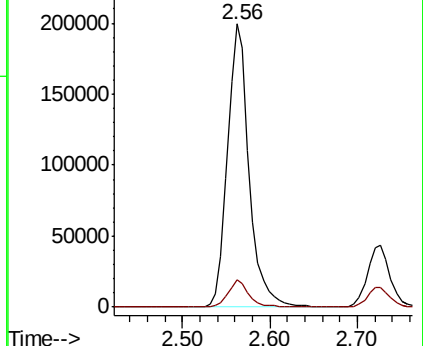
76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.016 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005255.D

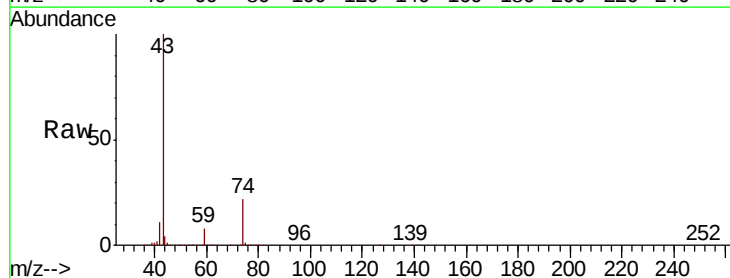
Acq: 11 Oct 2018 15:45

Tgt Ion: 43 Resp: 258952

Ion Ratio Lower Upper

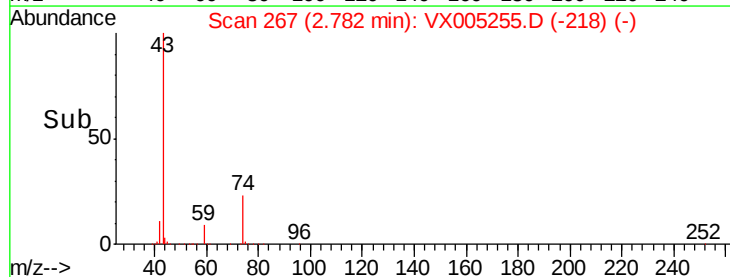
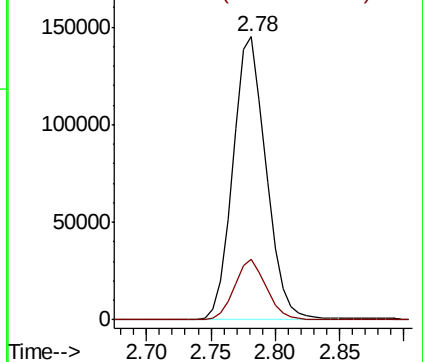
43 100

74 21.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

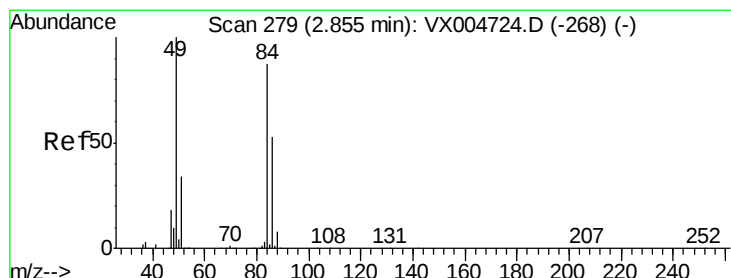
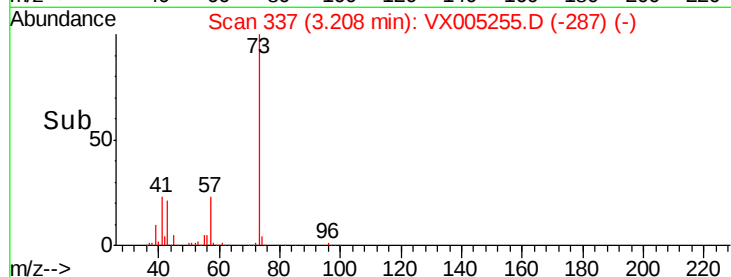
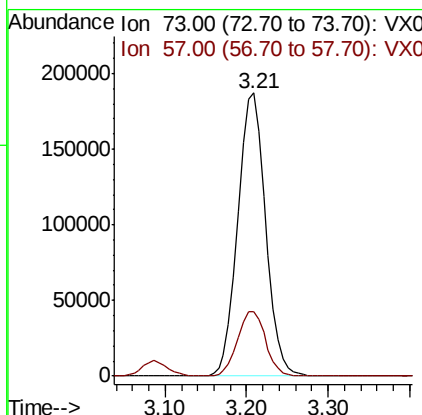
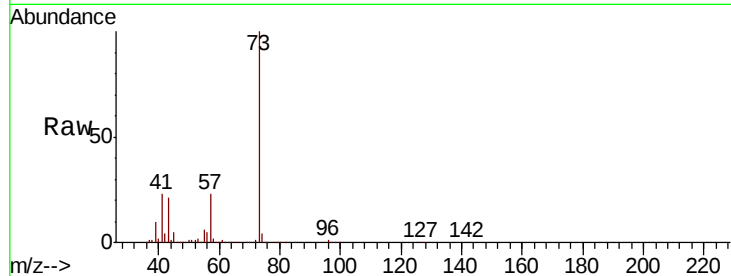




#19
Methyl tert-butyl Ether
Concen: 52.075 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

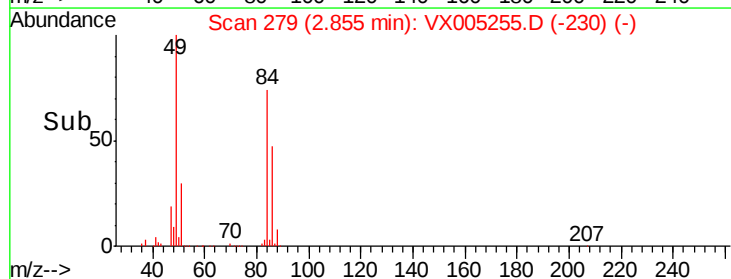
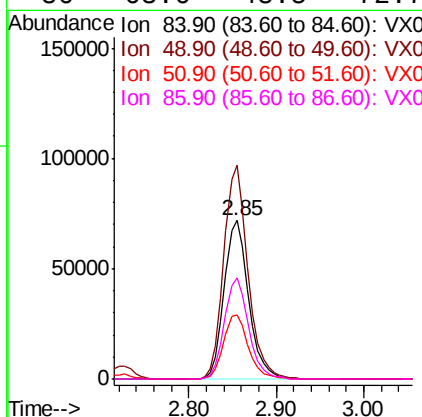
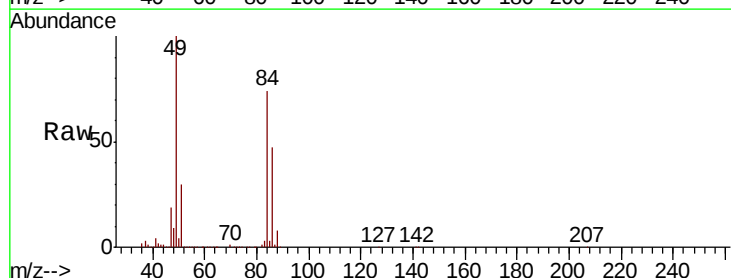
Instrument :
MSVOA_X
ClientSampleId :

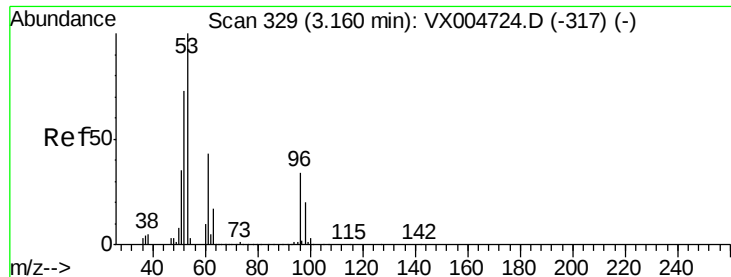
Tot Ion: 73 Resp: 441583
Ion Ratio Lower Upper
73 100
57 22.9 19.9 29.9



#20
Methylene Chloride
Concen: 50.561 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 84 Resp: 139073
Ion Ratio Lower Upper
84 100
49 134.5 92.3 138.5
51 40.3 31.8 47.6
86 63.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.420 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :

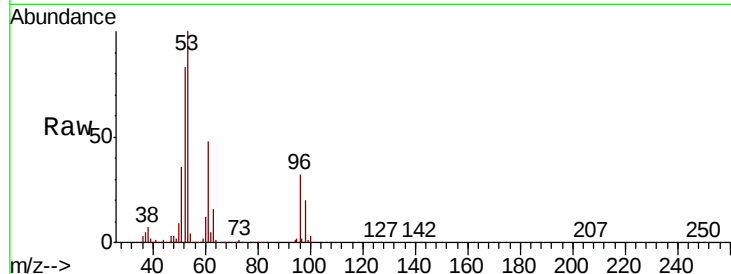
Tot Ion: 96 Resp: 130303

Ion Ratio Lower Upper

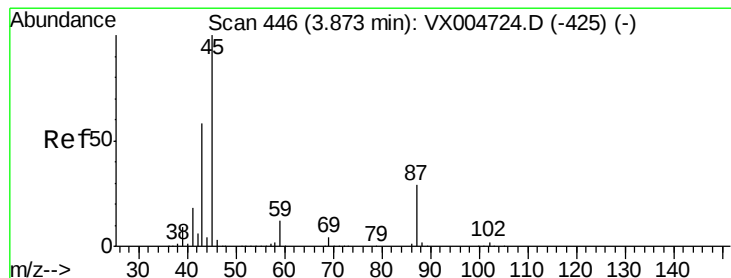
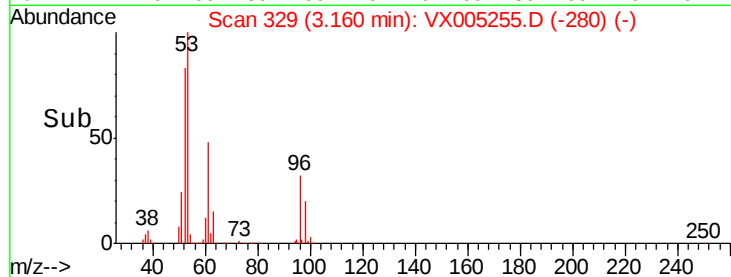
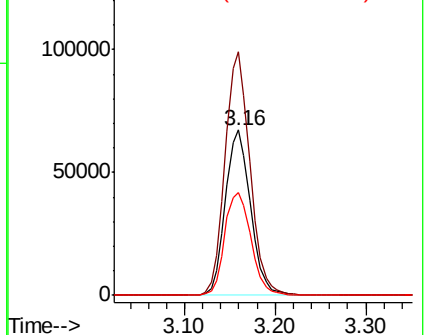
96 100

61 147.1 101.0 151.6

98 62.5 47.2 70.8



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: 49.644 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion: 45 Resp: 448400

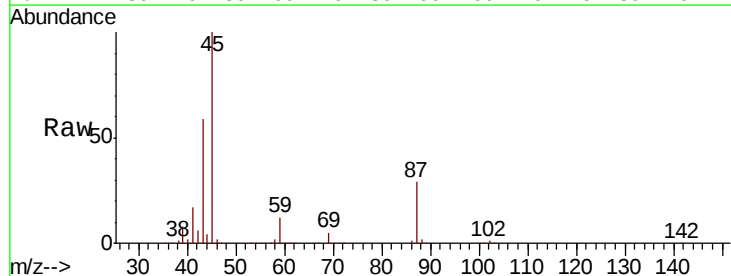
Ion Ratio Lower Upper

45 100

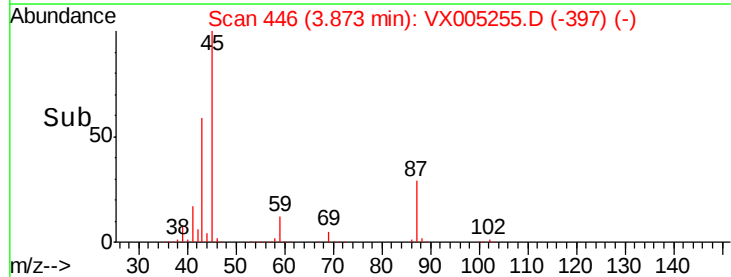
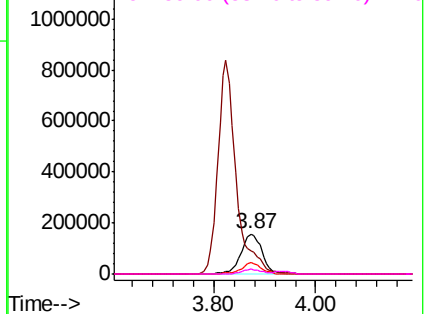
43 58.9 46.7 70.1

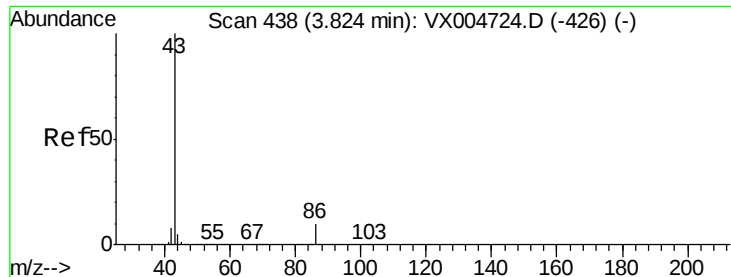
87 28.8 22.9 34.3

59 11.6 9.3 13.9



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: 253.572 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

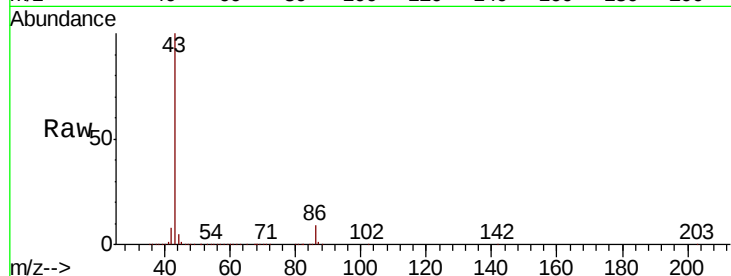
ClientSampleId :

Tot Ion: 43 Resp: 2096500

Ion Ratio Lower Upper

43 100

86 9.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

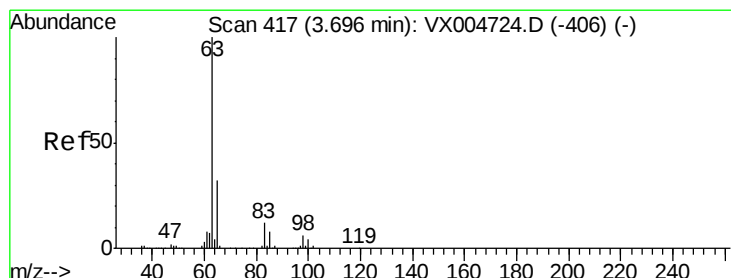
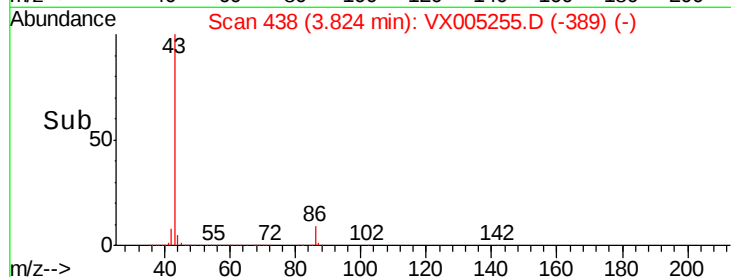
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.999 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

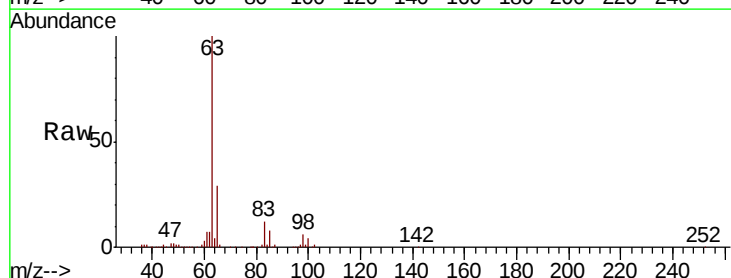
Tgt Ion: 63 Resp: 269392

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

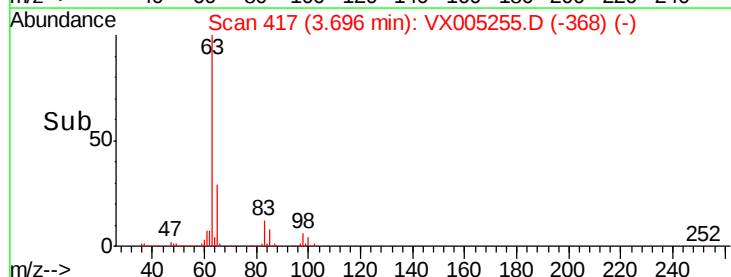
150000

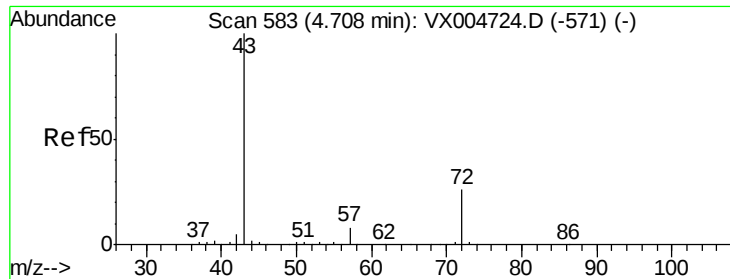
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 230.279 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

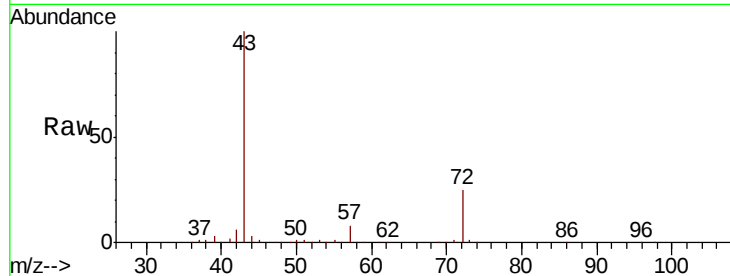
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 642277

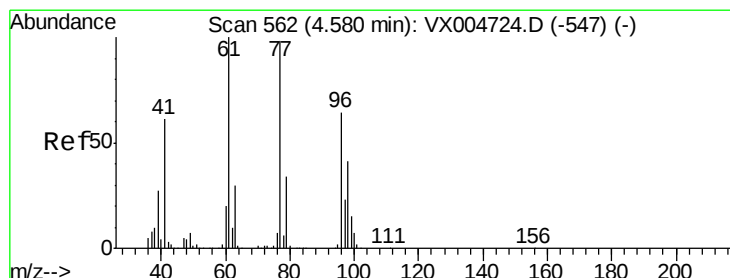
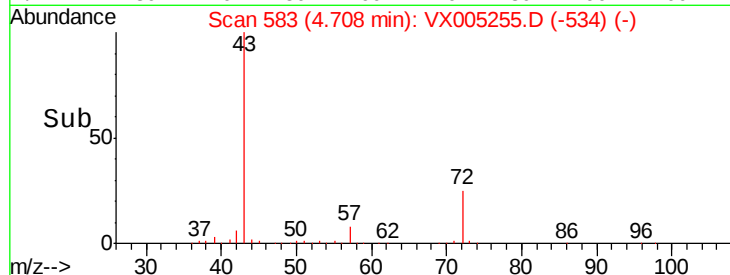
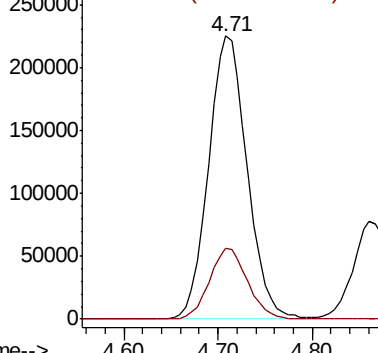
Ion Ratio Lower Upper

43 100

72 24.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.821 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005255.D

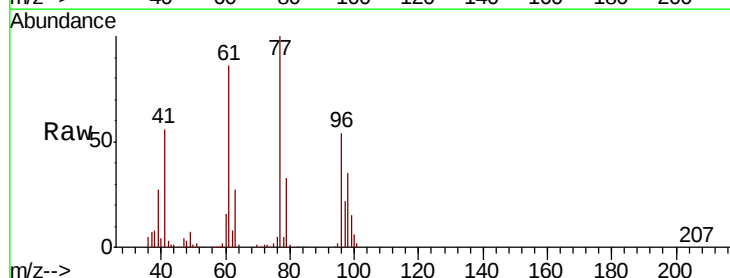
Acq: 11 Oct 2018 15:45

Tgt Ion: 77 Resp: 194429

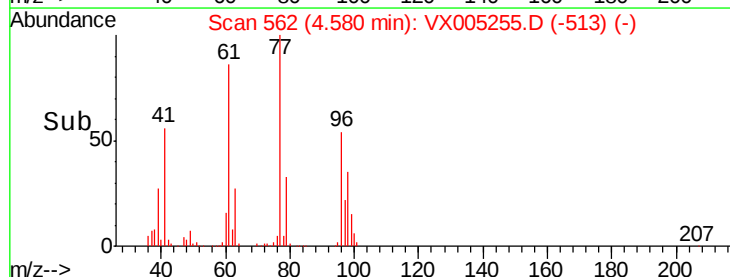
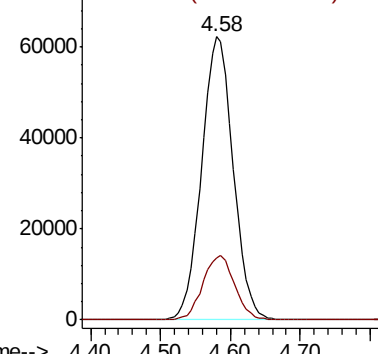
Ion Ratio Lower Upper

77 100

97 23.0 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



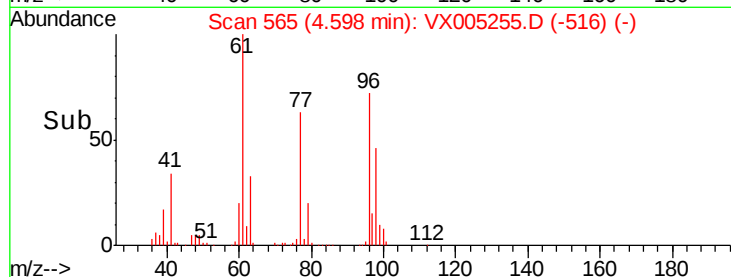
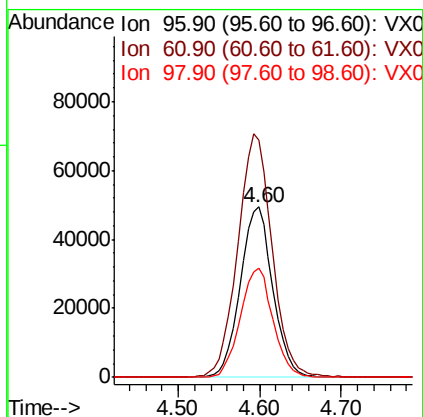
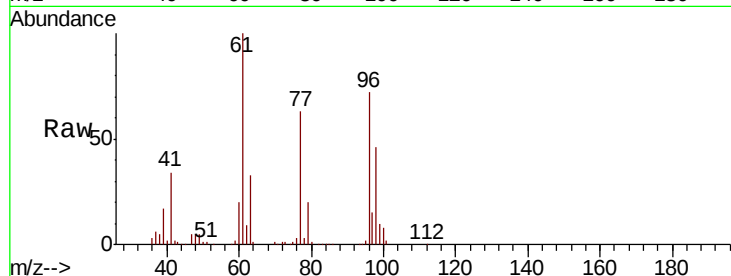


#27

cis-1,2-Dichloroethene
Concen: 45.423 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :

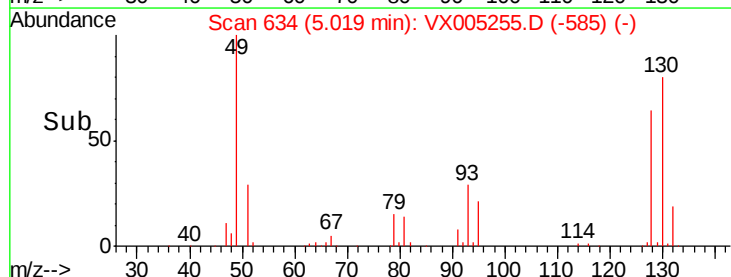
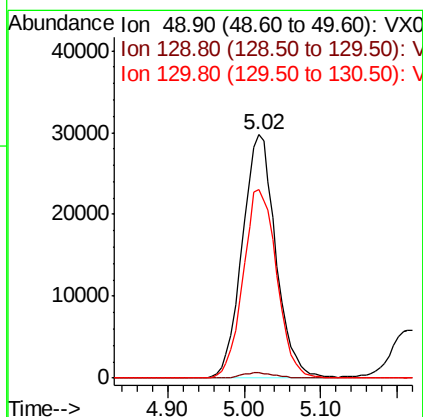
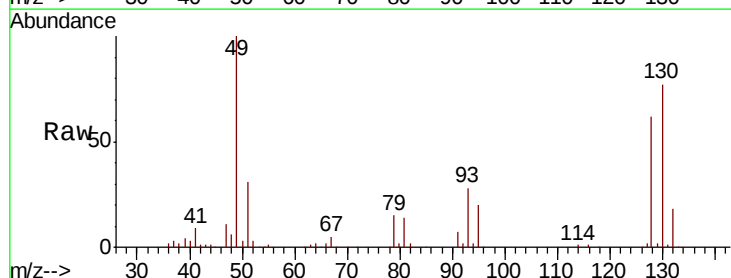
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	285.8
98	64.5	0.0	136.2

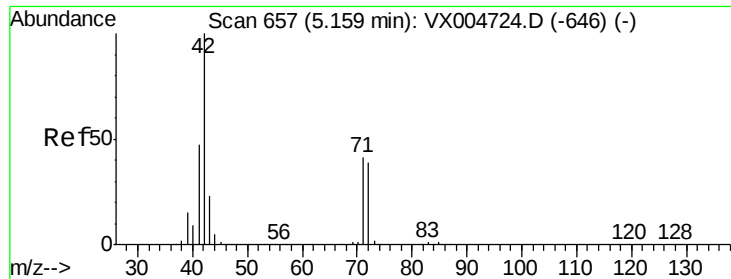


#28

Bromochloromethane
Concen: 35.649 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.7	62.0	93.0

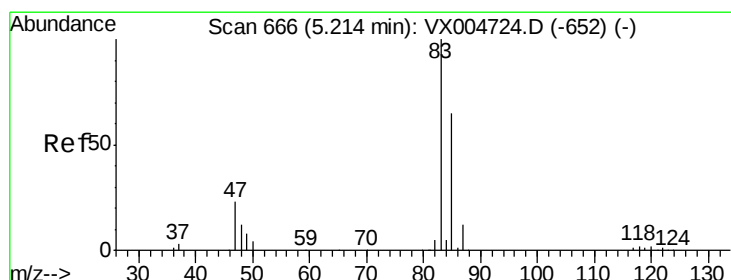
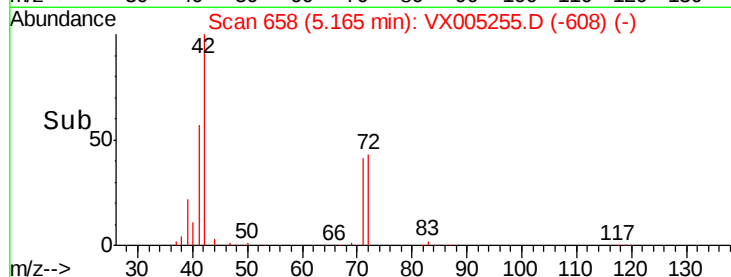
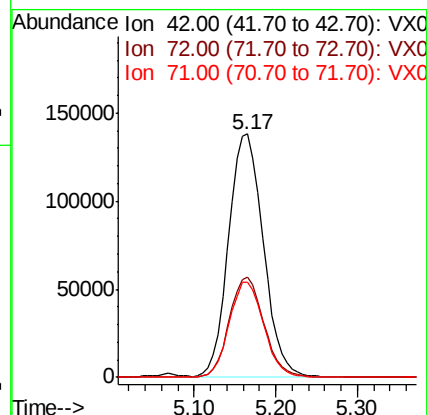
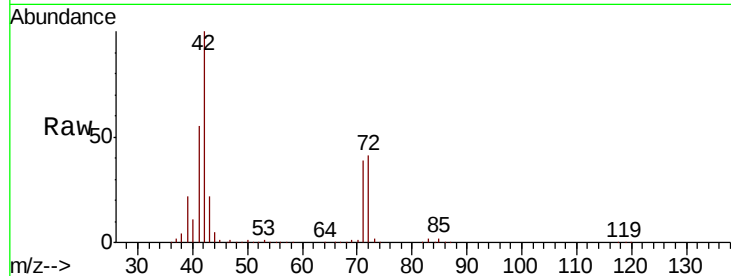




#29
Tetrahydrofuran
Concen: 234.964 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

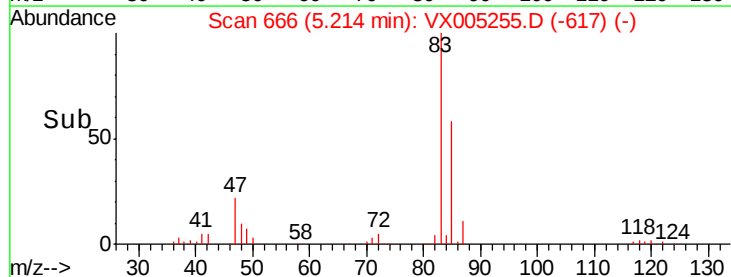
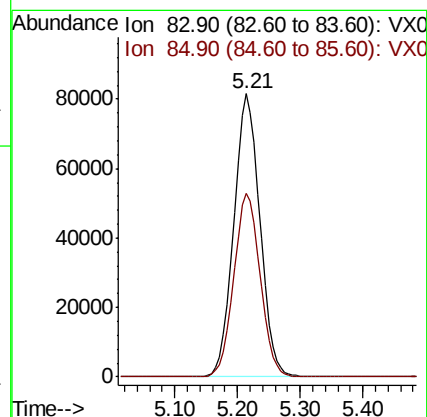
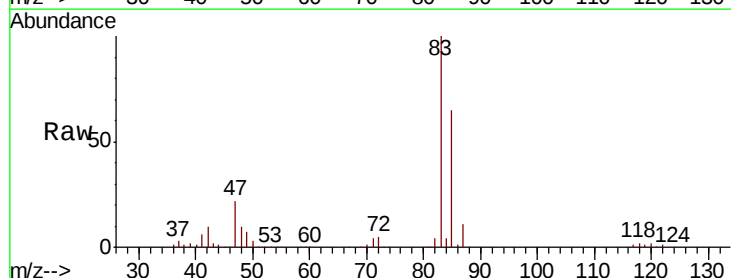
Instrument :
MSVOA_X
ClientSampleId :

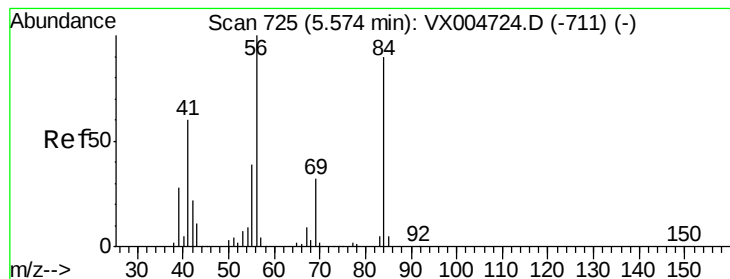
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	38.9	32.2	48.4



#30
Chloroform
Concen: 46.046 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





#31

Cyclohexane

Concen: 49.775 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampled :

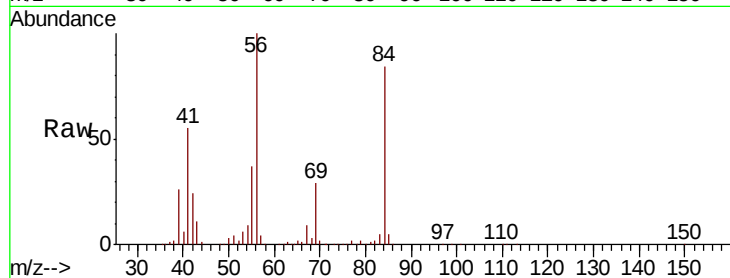
Tot Ion: 56 Resp: 205258

Ion Ratio Lower Upper

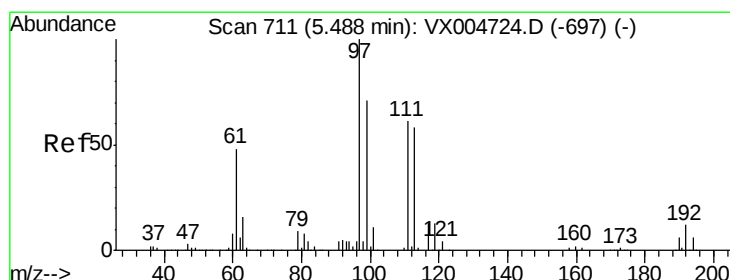
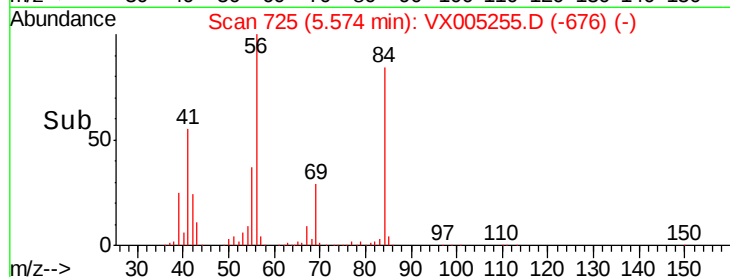
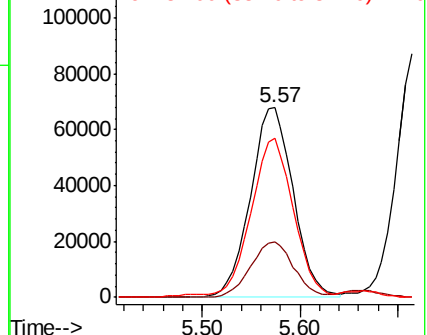
56 100

69 29.3 25.9 38.9

84 82.6 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.221 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

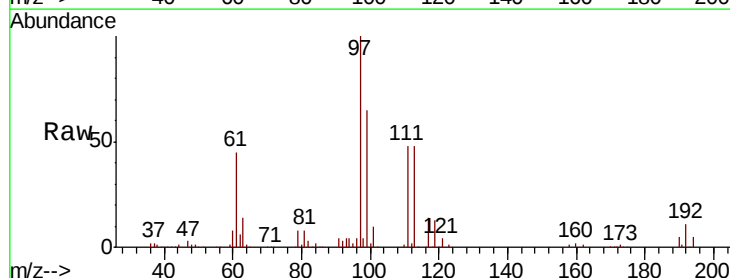
Tgt Ion: 97 Resp: 204691

Ion Ratio Lower Upper

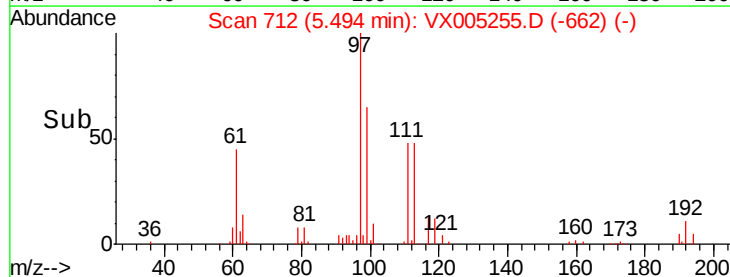
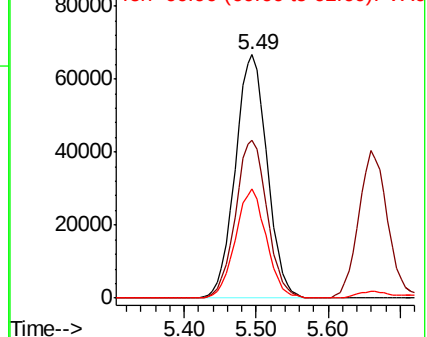
97 100

99 64.3 54.6 82.0

61 43.8 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 37.313 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

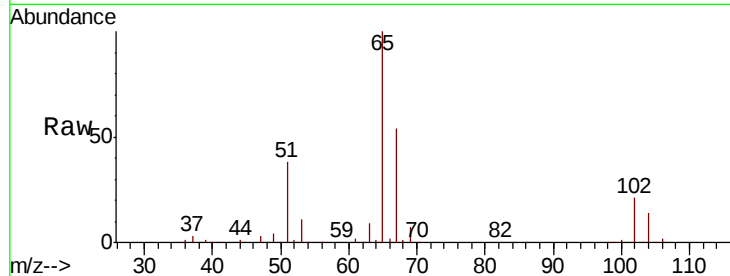
ClientSampled :

Tot Ion: 65 Resp: 120933

Ion Ratio Lower Upper

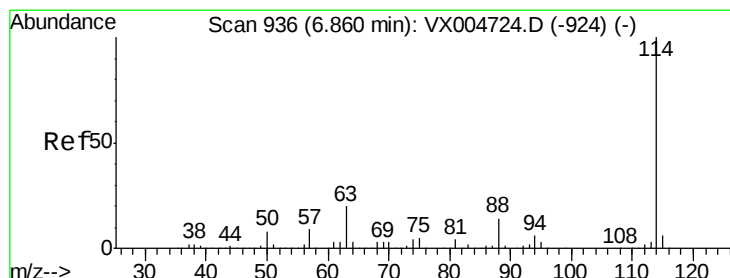
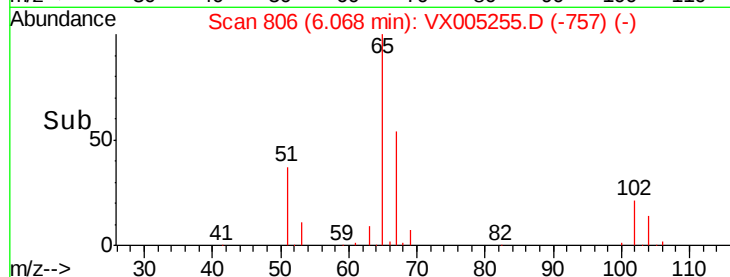
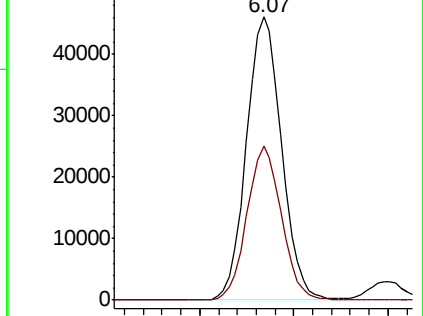
65 100

67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

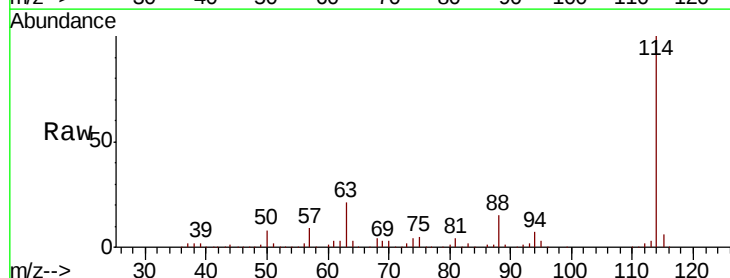
Tgt Ion: 114 Resp: 313653

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

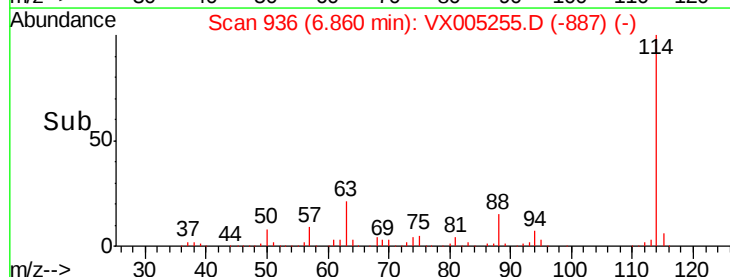
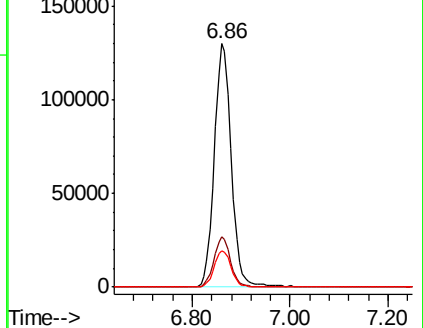
88 15.1 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

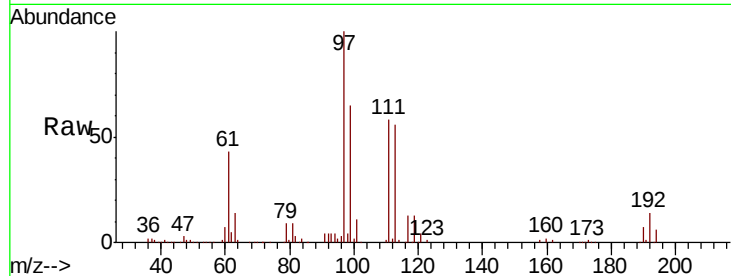




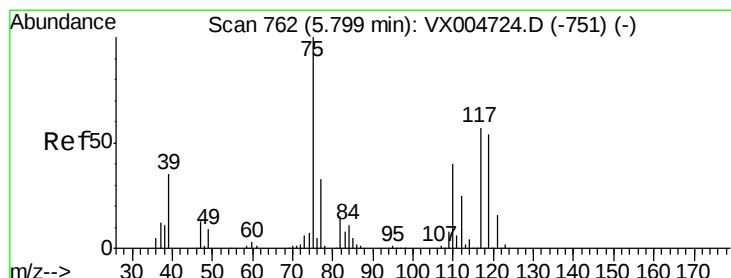
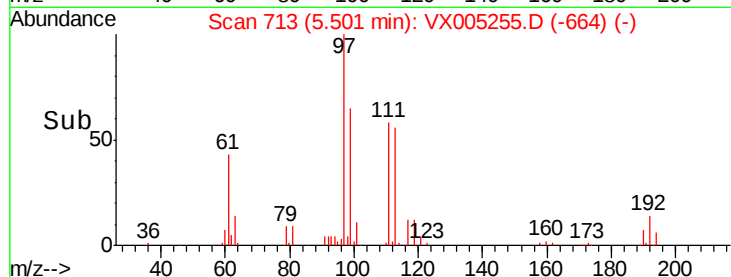
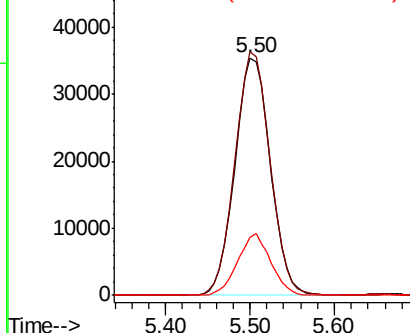
#35
Dibromofluoromethane
Concen: 37.911 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 100776
Ion Ratio Lower Upper
113 100
111 101.5 77.0 115.4
192 24.2 17.0 25.6

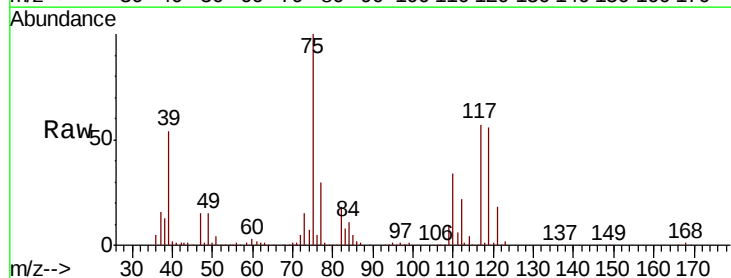


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

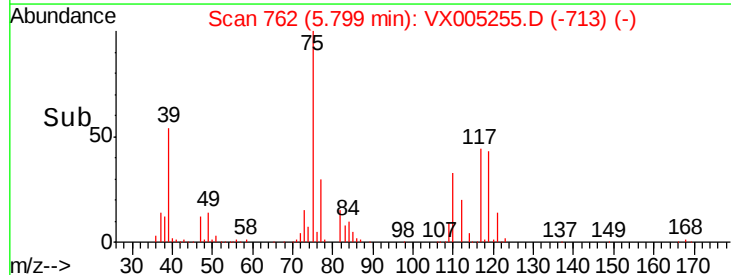
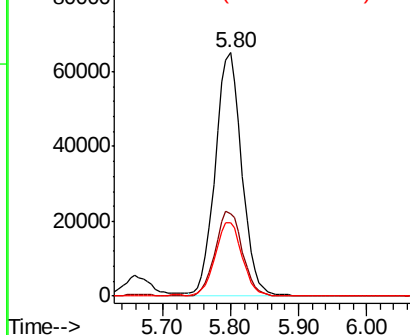


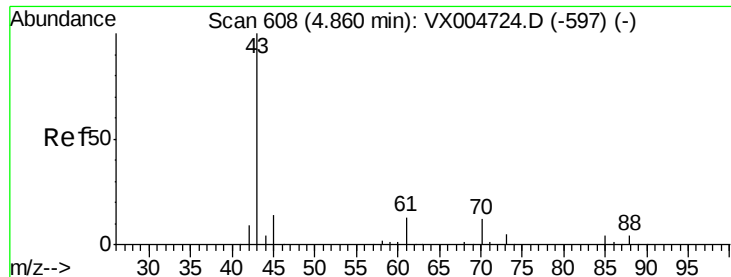
#36
1,1-Dichloropropene
Concen: 48.411 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 75 Resp: 175578
Ion Ratio Lower Upper
75 100
110 35.8 20.0 59.9
77 30.5 27.1 40.7



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

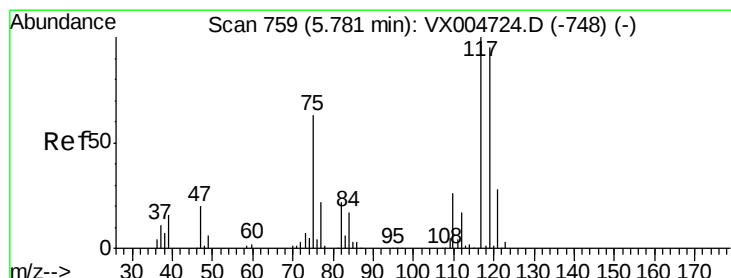
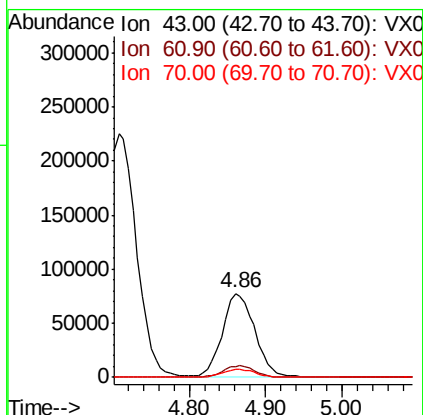
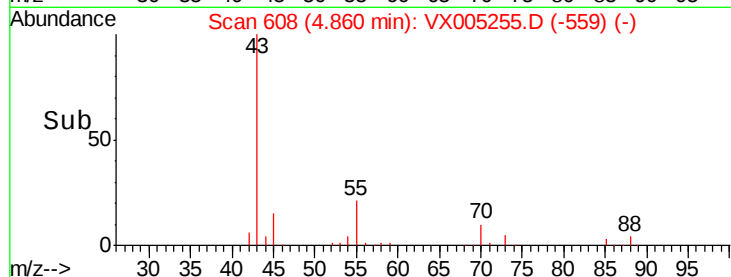
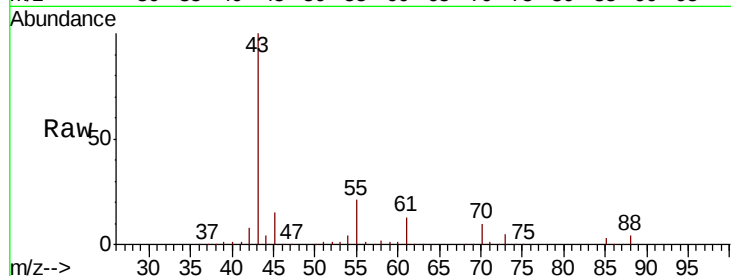




#37
Ethyl Acetate
Concen: 47.274 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

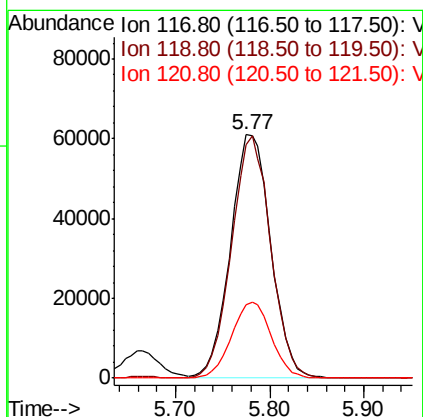
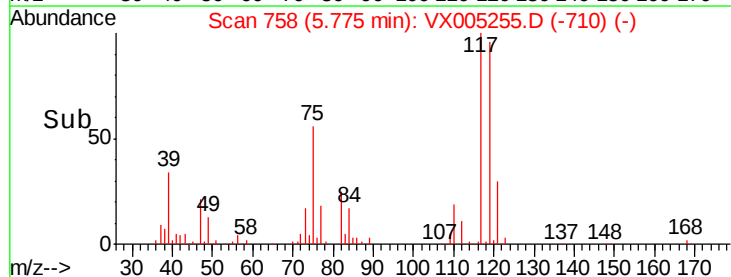
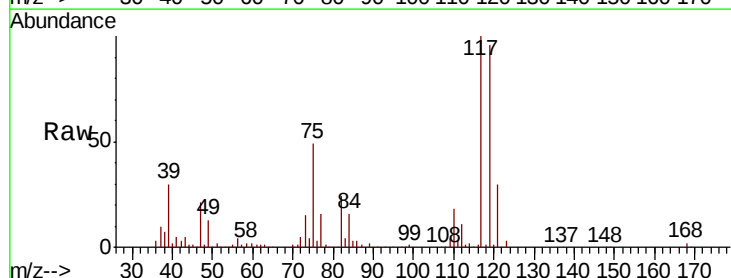
Instrument :
MSVOA_X
ClientSampled :

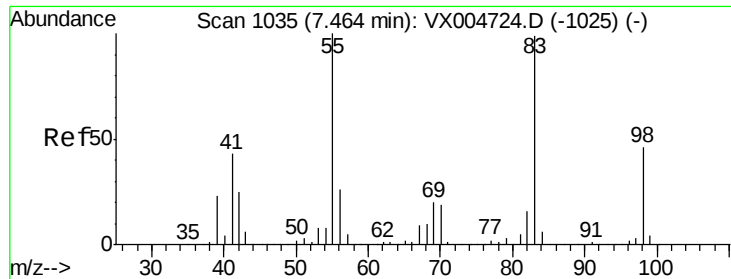
Tot Ion: 43 Resp: 227592
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.609 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 117 Resp: 181509
Ion Ratio Lower Upper
117 100
119 96.2 75.2 112.8
121 30.1 22.5 33.7

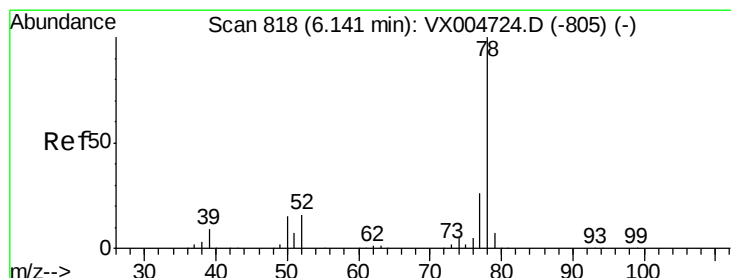
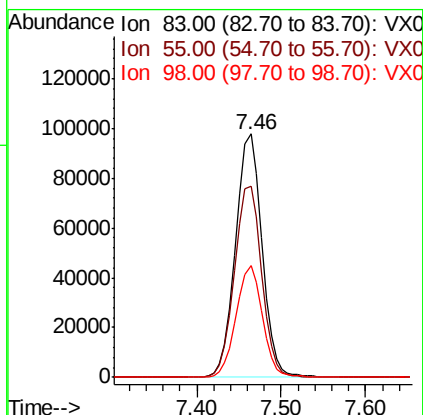
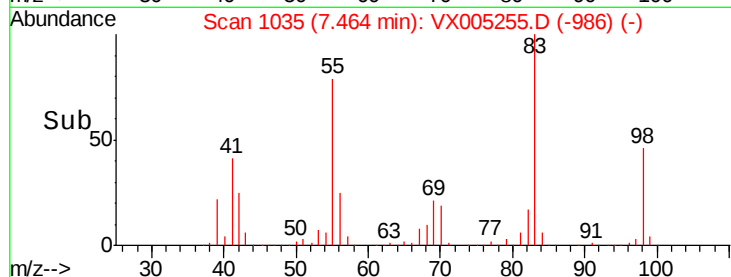
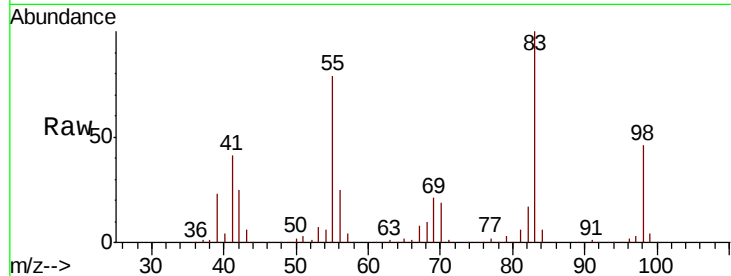




#39
Methylvlcyclohexane
Concen: 56.084 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

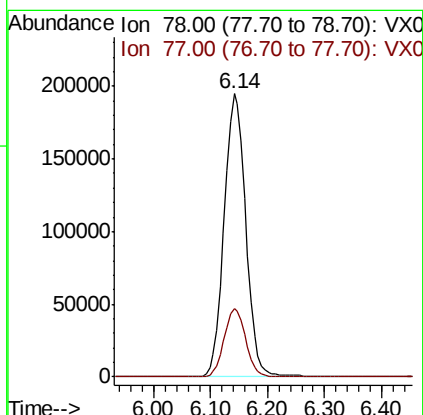
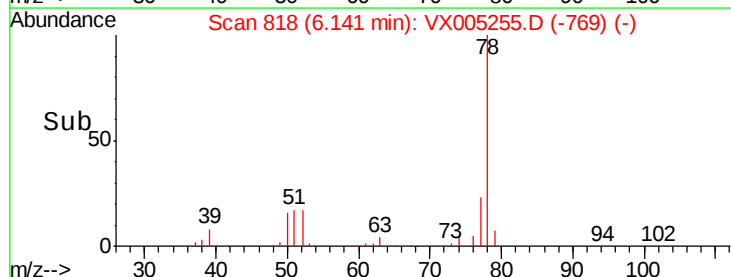
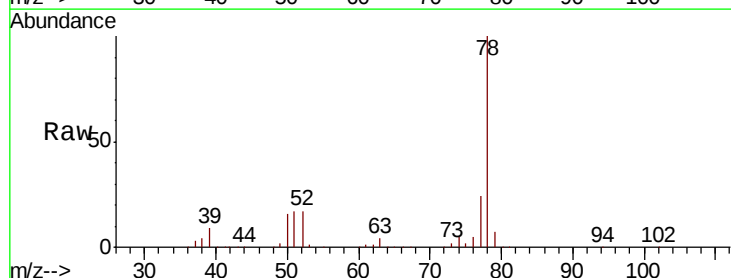
Instrument :
MSVOA_X
ClientSampleId :

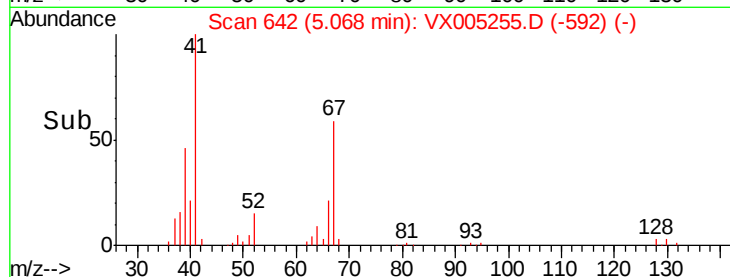
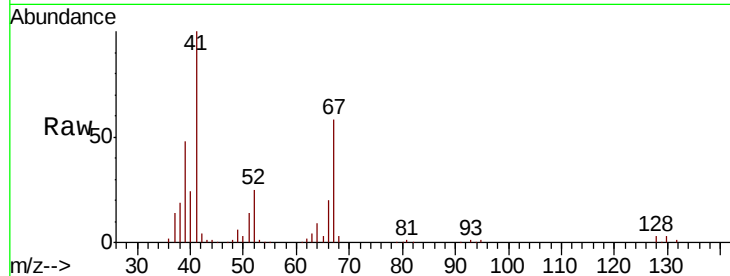
Tot Ion: 83 Resp: 207702
Ion Ratio Lower Upper
83 100
55 78.5 81.1 121.7#
98 46.0 37.3 55.9



#40
Benzene
Concen: 45.594 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

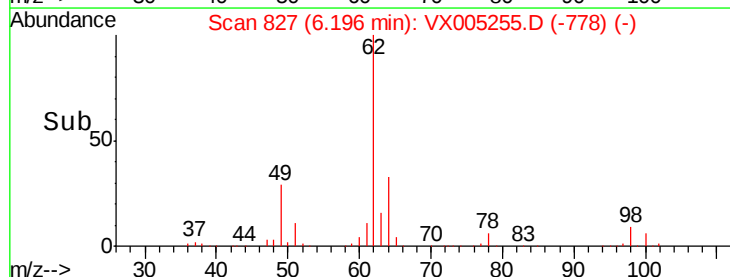
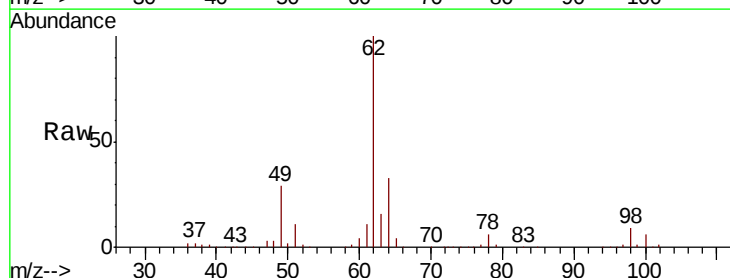
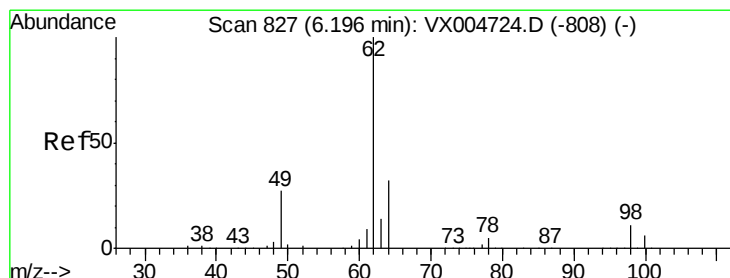
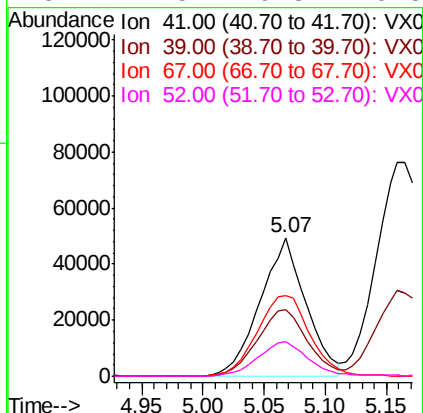
Tgt Ion: 78 Resp: 517695
Ion Ratio Lower Upper
78 100
77 24.1 21.0 31.4





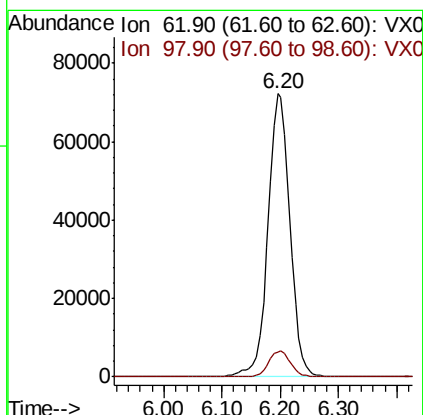
#41
Methacrylonitrile
Concen: 47.939 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tot Ion:	41	Resp:	127991
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.5	63.7
67	68.0	53.0	79.6
52	27.5	19.8	29.8



#42
1,2-Dichloroethane
Concen: 47.080 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:	62	Resp:	188978
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.746 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

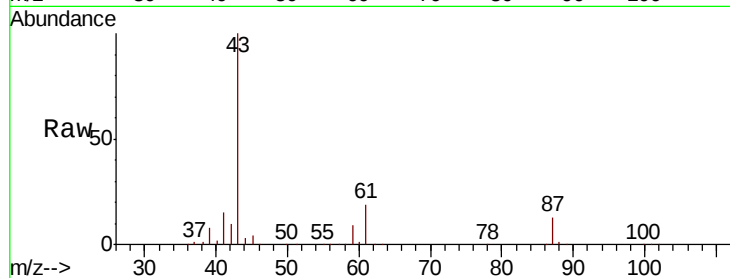
Tot Ion: 43 Resp: 331770

Ion Ratio Lower Upper

43 100

61 19.6 14.2 21.4

87 12.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)

6.46

150000

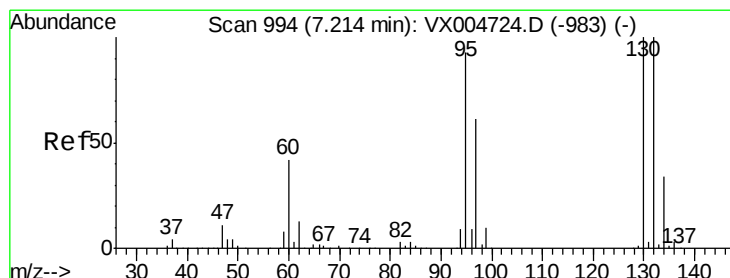
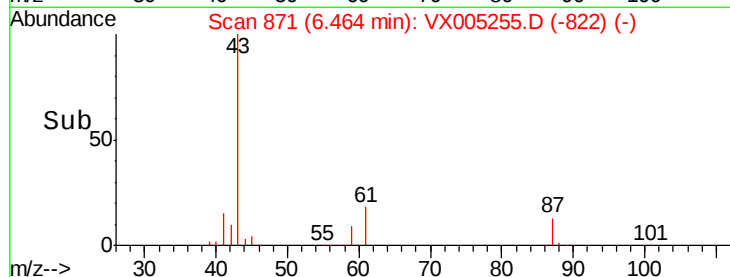
100000

50000

0

6.40 6.46 6.50

Time-->



#44

Trichloroethene

Concen: 51.103 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005255.D

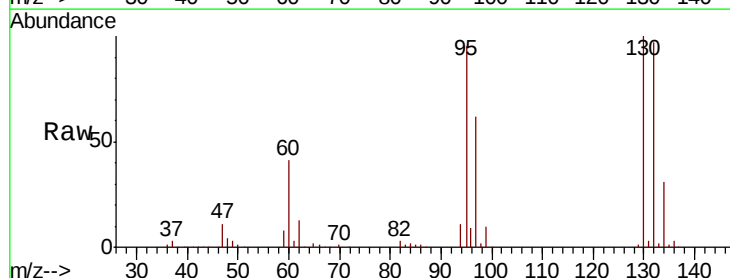
Acq: 11 Oct 2018 15:45

Tgt Ion:130 Resp: 142644

Ion Ratio Lower Upper

130 100

95 95.2 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

7.21

80000

60000

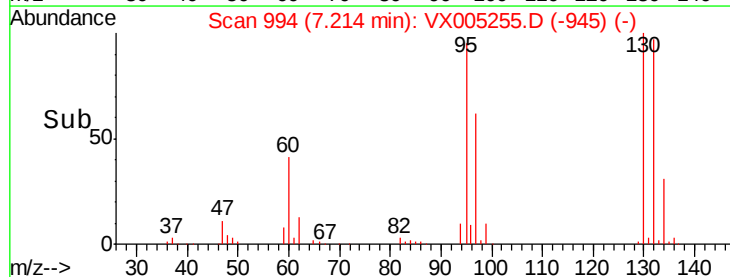
40000

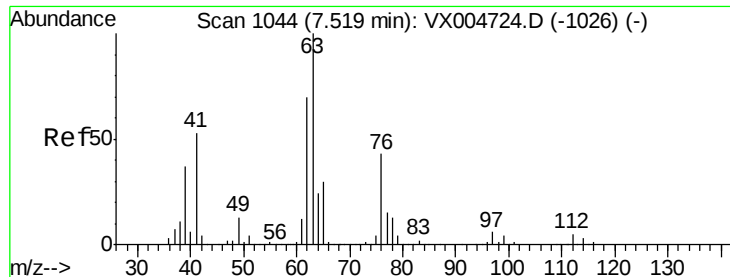
20000

0

7.10 7.20 7.30 7.40

Time-->





#45

1,2-Dichloropropane

Concen: 49.747 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

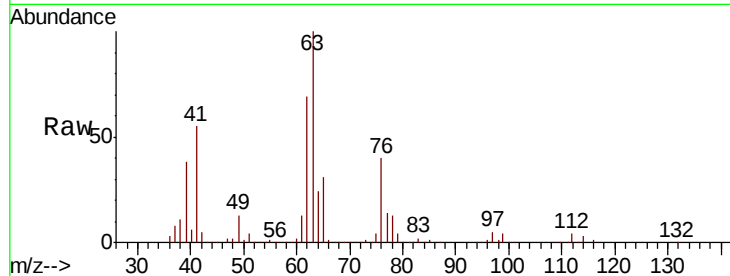
ClientSampleId :

Tot Ion: 63 Resp: 138520

Ion Ratio Lower Upper

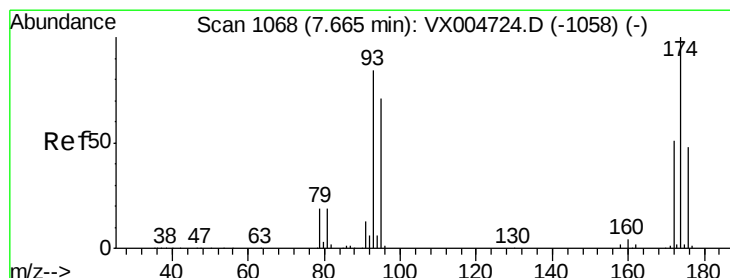
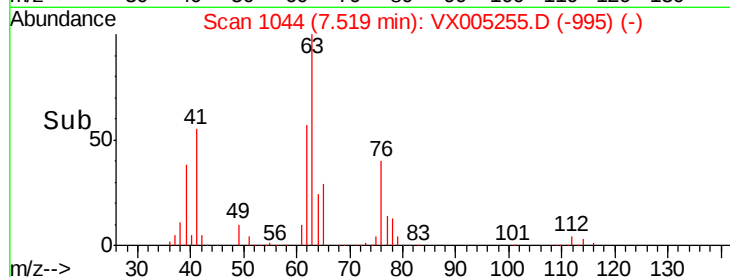
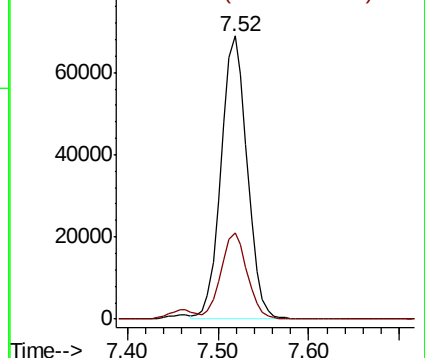
63 100

65 30.7 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.078 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

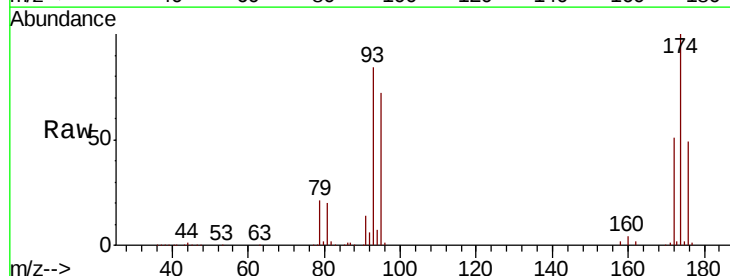
Tgt Ion: 93 Resp: 91134

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

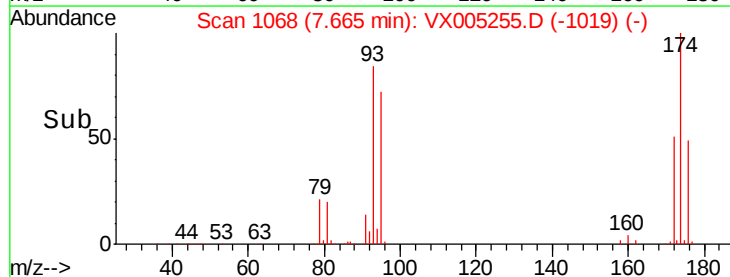
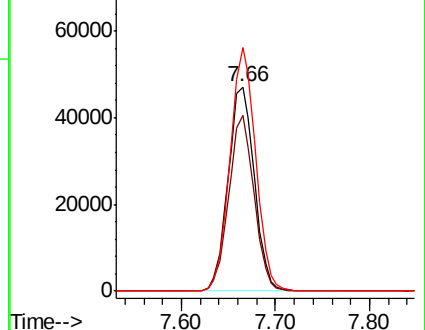
174 116.7 92.7 139.1

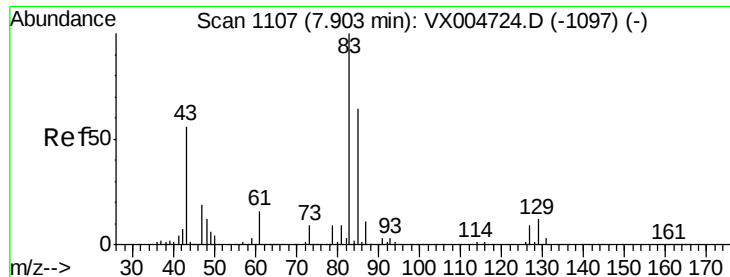


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.348 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

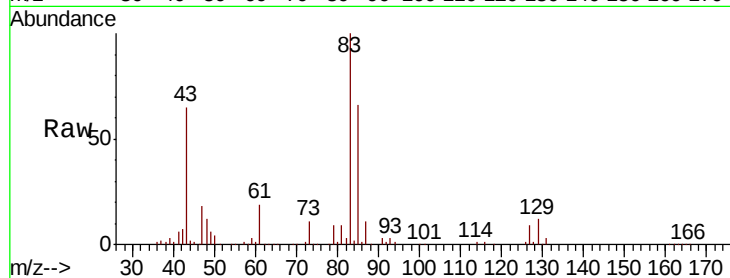
Tot Ion: 83 Resp: 178063

Ion Ratio Lower Upper

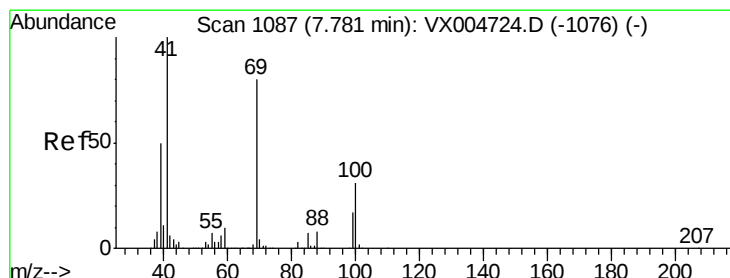
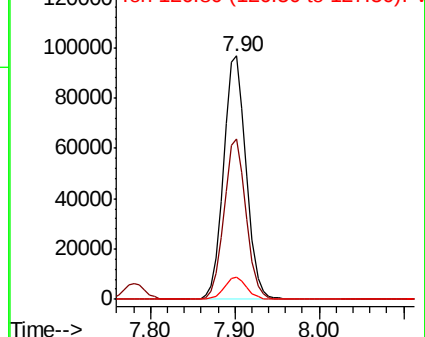
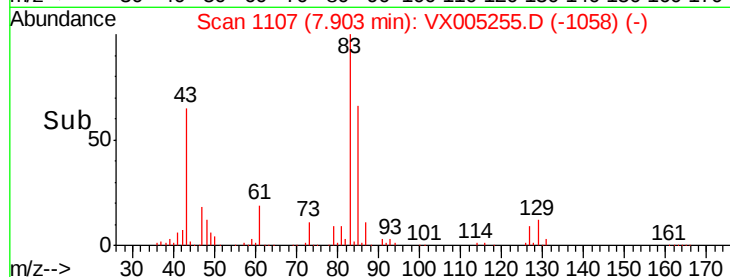
83 100

85 65.7 51.2 76.8

127 9.2 7.0 10.6



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: 56.186 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

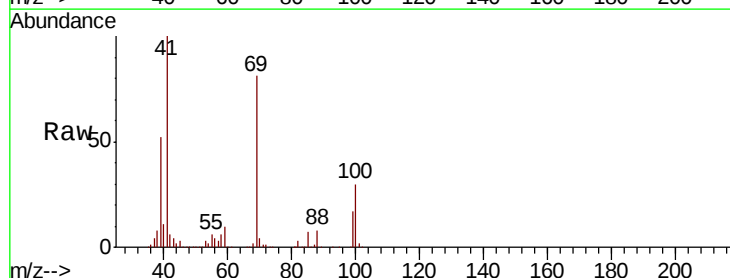
Tgt Ion: 41 Resp: 177206

Ion Ratio Lower Upper

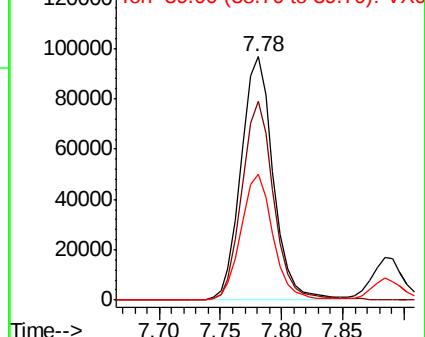
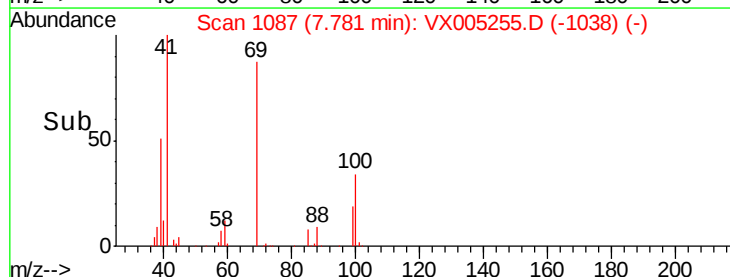
41 100

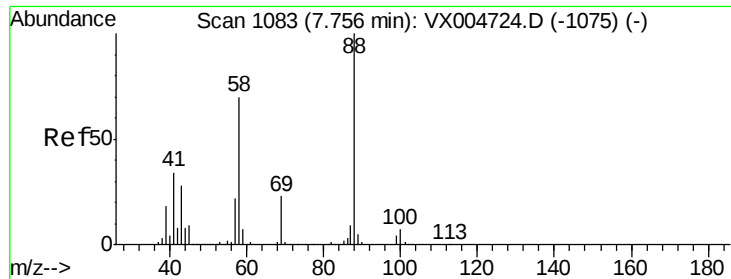
69 81.0 63.8 95.6

39 51.4 40.7 61.1



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

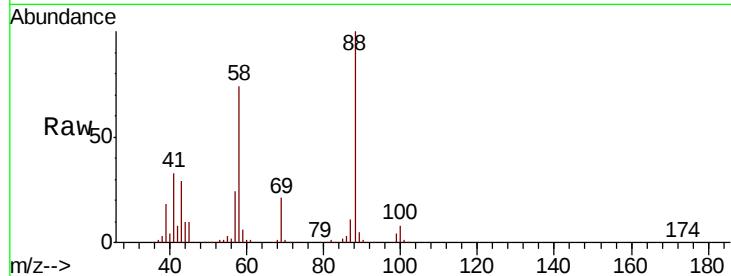




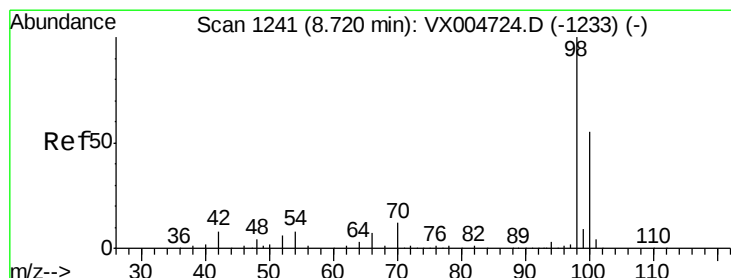
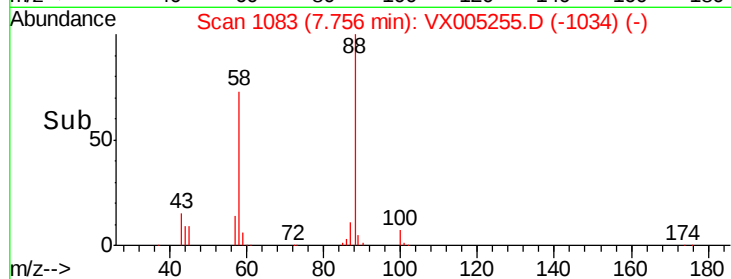
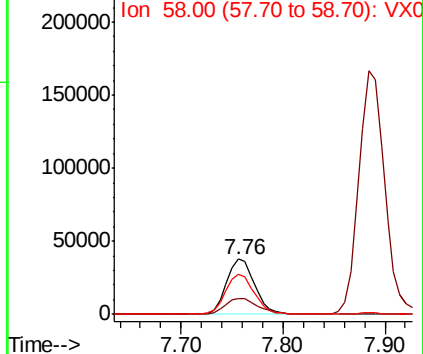
#49
1,4-Dioxane
Concen: 923.117 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 72331
Ion Ratio Lower Upper
88 100
43 34.6 25.1 37.7
58 74.8 56.2 84.2

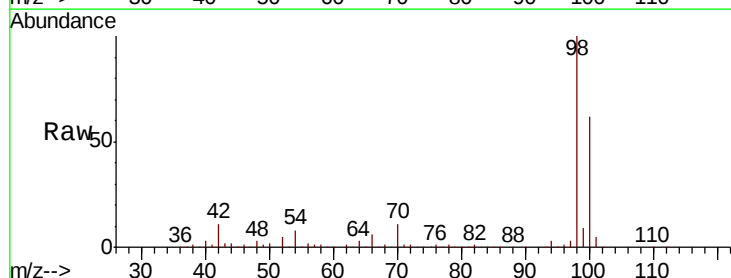


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

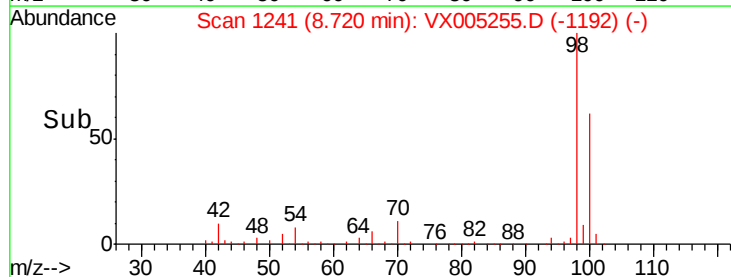
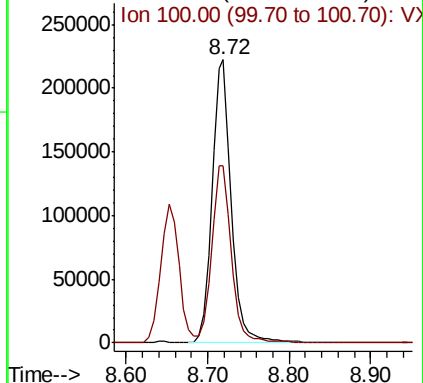


#50
Toluene-d8
Concen: 41.724 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 98 Resp: 368729
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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: 276.150 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

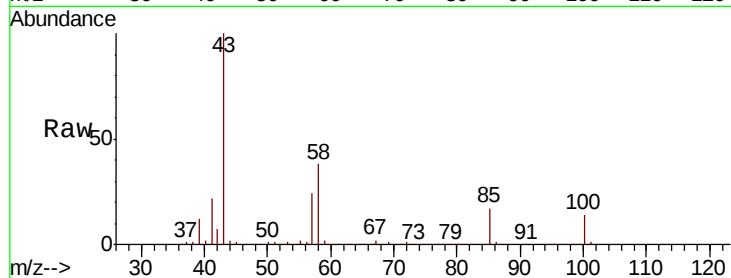
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1208214

Ion Ratio Lower Upper

43 100

58 38.6 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

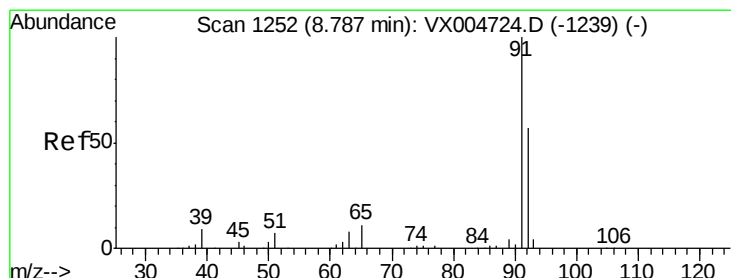
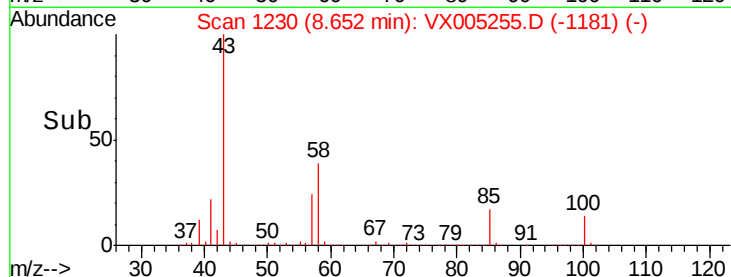
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.964 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005255.D

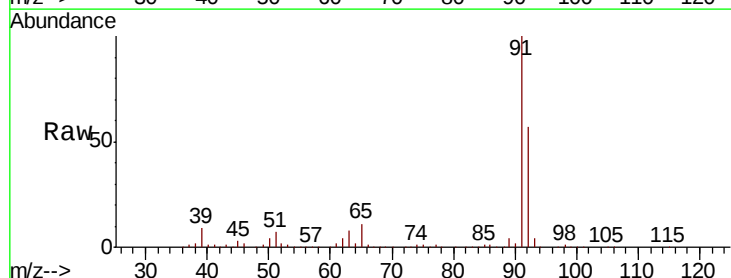
Acq: 11 Oct 2018 15:45

Tgt Ion: 92 Resp: 330451

Ion Ratio Lower Upper

92 100

91 174.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

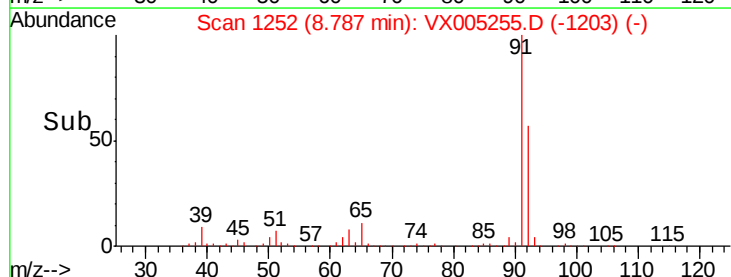
300000

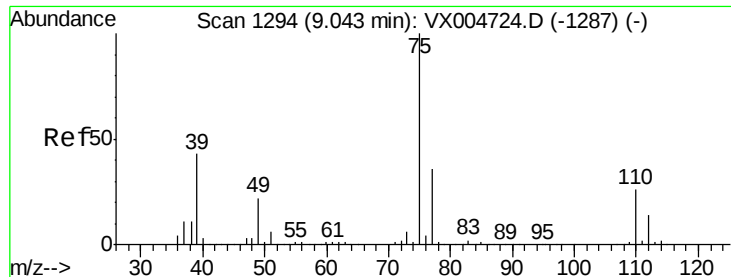
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.608 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

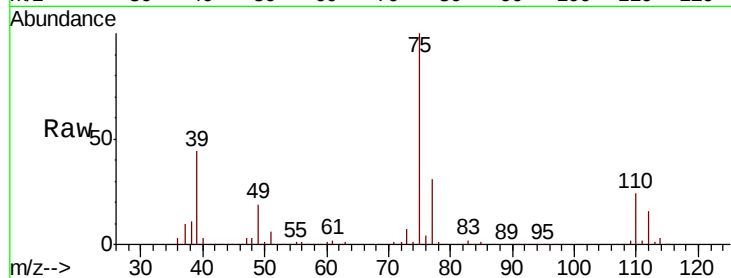
ClientSampleId :

Tot Ion: 75 Resp: 202180

Ion Ratio Lower Upper

75 100

77 31.4 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

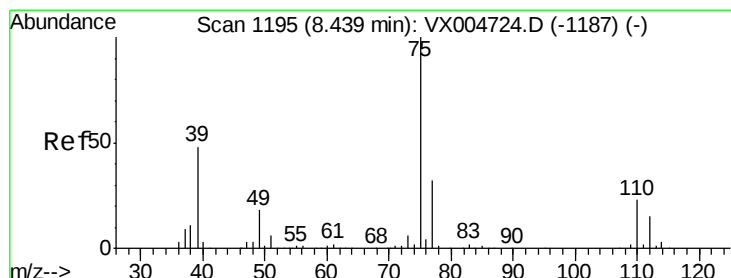
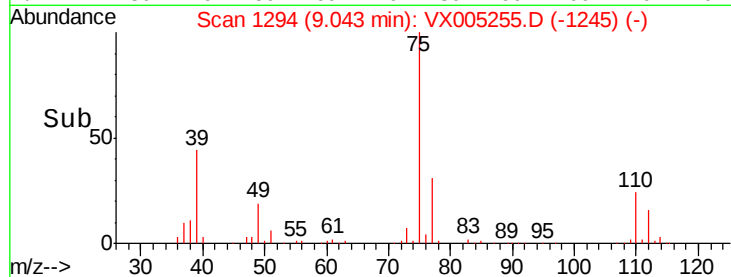
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.108 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

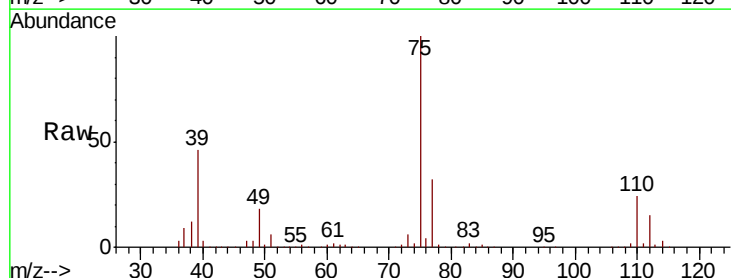
Tgt Ion: 75 Resp: 217586

Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 46.0 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

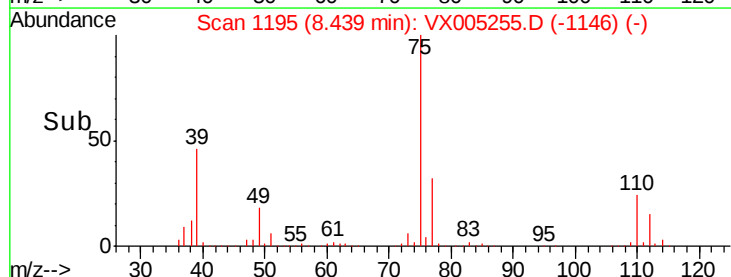
150000

100000

50000

0

Time-->

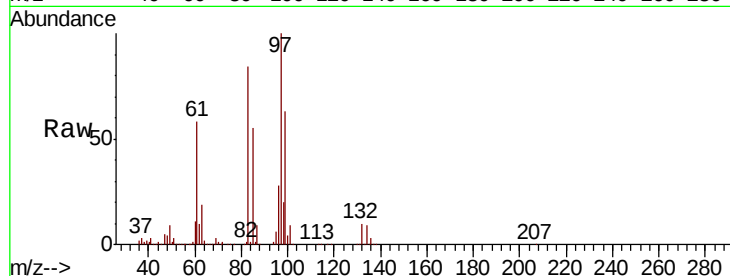




#55
 1,1,2-Trichloroethane
 Concen: 50.729 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	138640
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	54.8	49.9	74.9
99	63.0	48.9	73.3



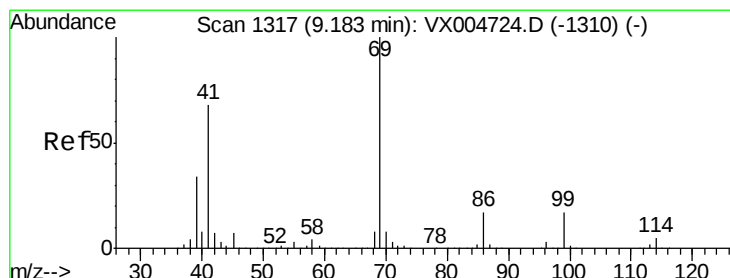
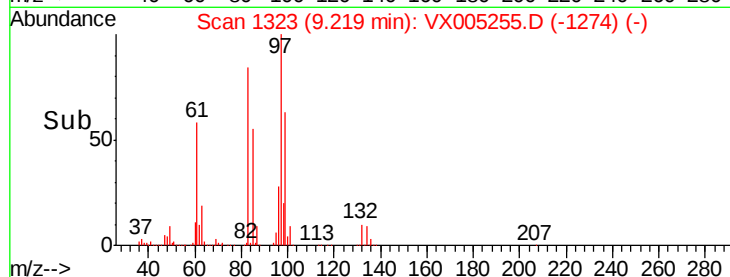
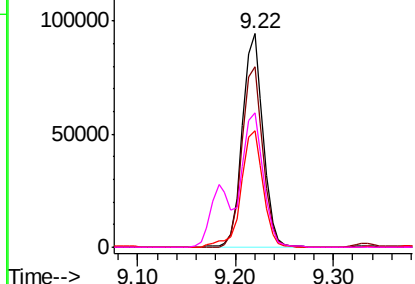
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

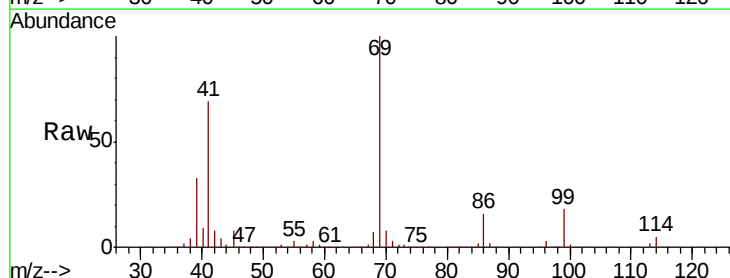
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.899 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion:	69	Resp:	216560
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.9	85.3
39	33.4	28.4	42.6

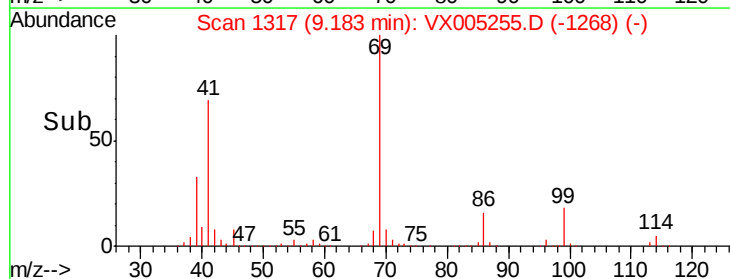
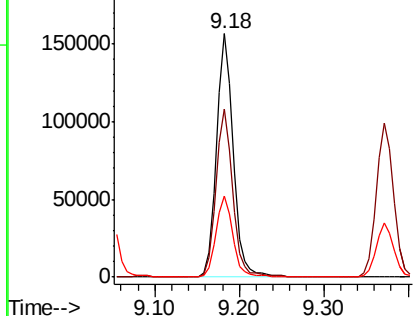


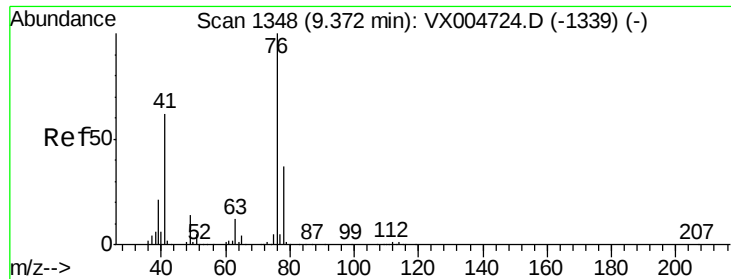
Abundance

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: 50.461 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

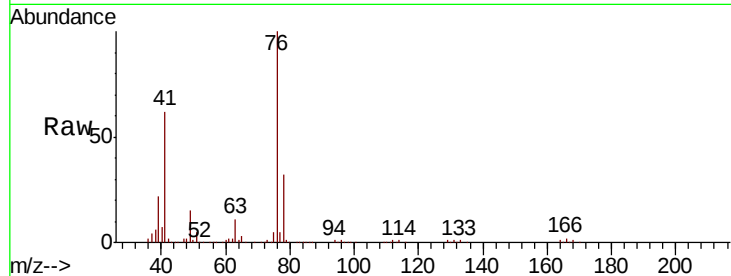
ClientSampleId :

Tot Ion: 76 Resp: 229522

Ion Ratio Lower Upper

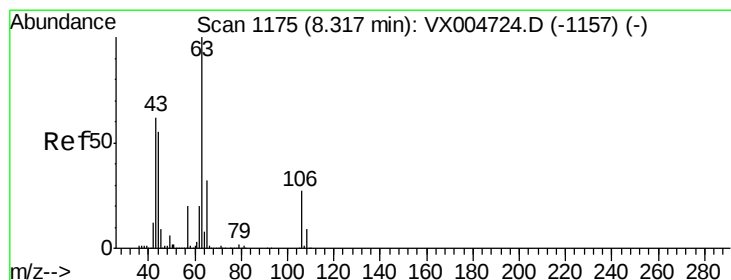
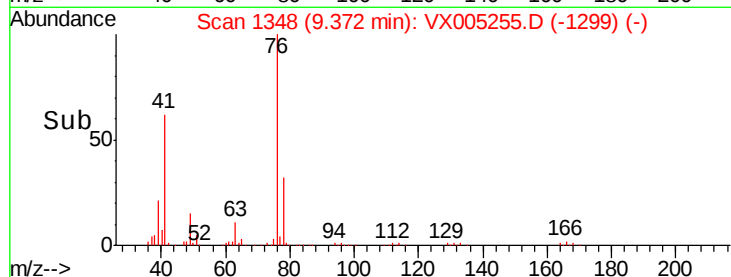
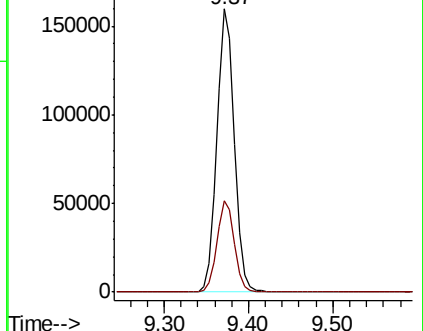
76 100

78 32.1 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 199.294 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005255.D

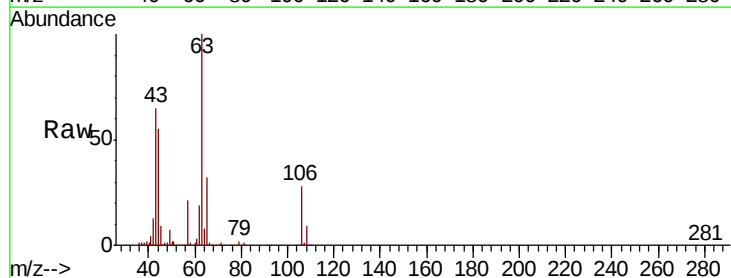
Acq: 11 Oct 2018 15:45

Tgt Ion: 63 Resp: 462088

Ion Ratio Lower Upper

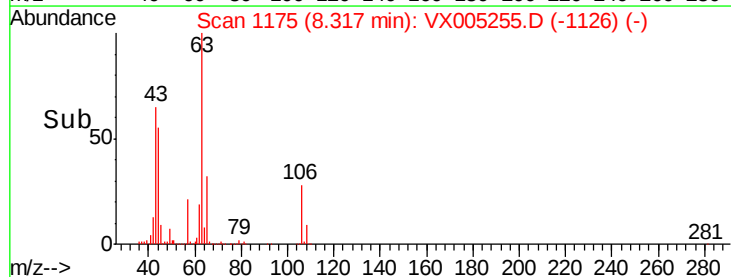
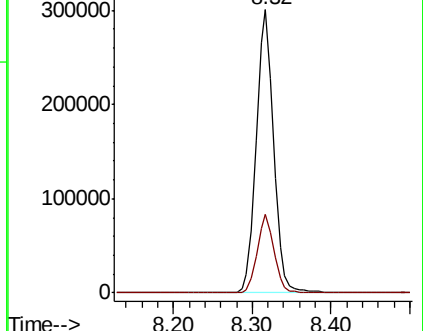
63 100

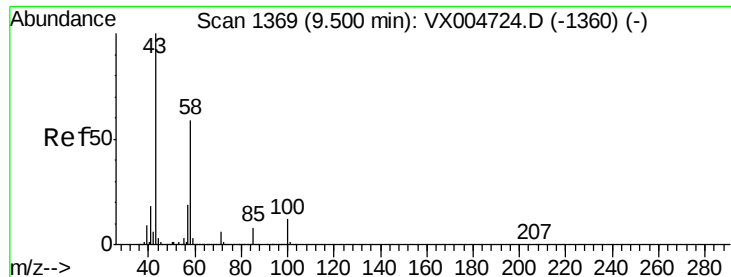
106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

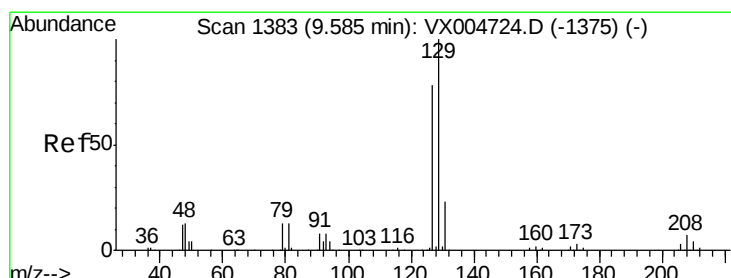
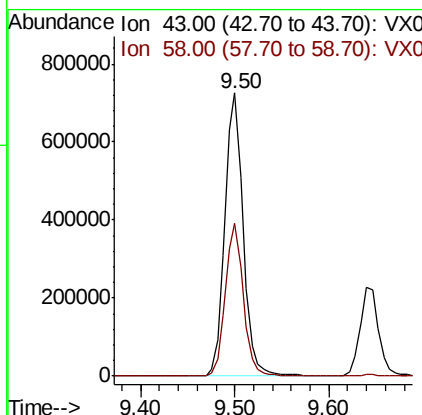
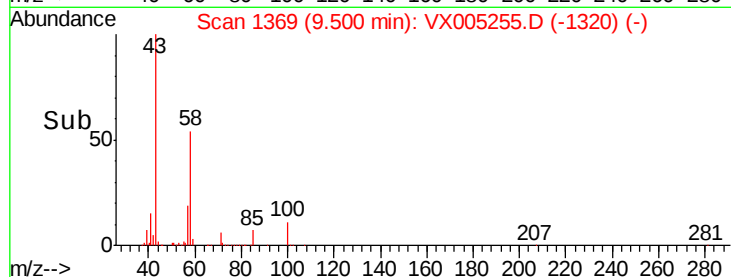
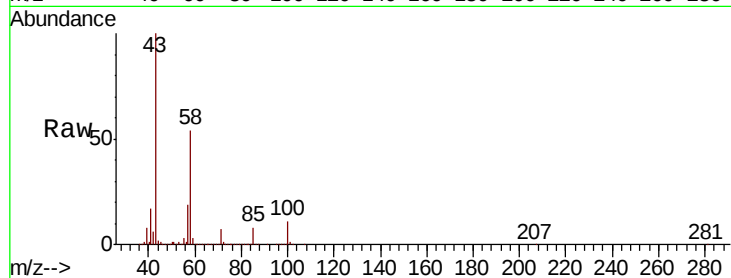




#59
2-Hexanone
Concen: 268.897 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

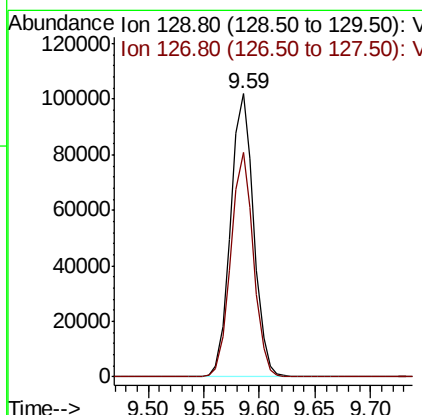
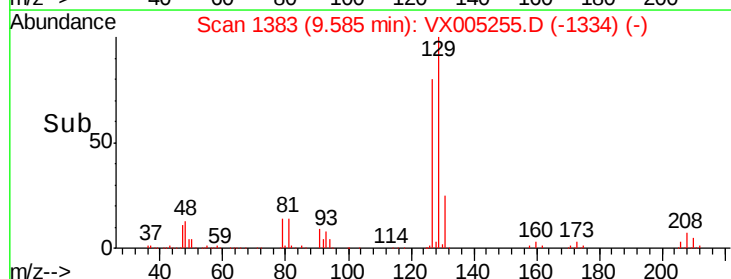
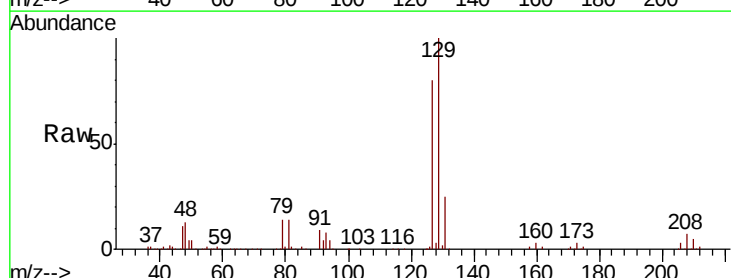
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 980383
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3



#60
Dibromochloromethane
Concen: 53.497 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 129 Resp: 146215
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.797 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

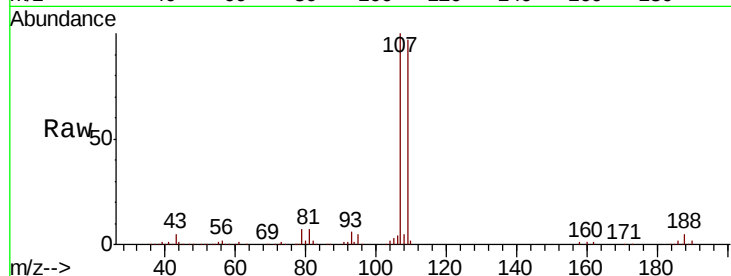
ClientSampled :

Tot Ion:107 Resp: 142822

Ion Ratio Lower Upper

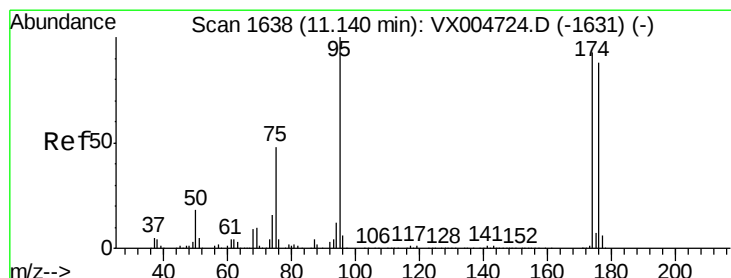
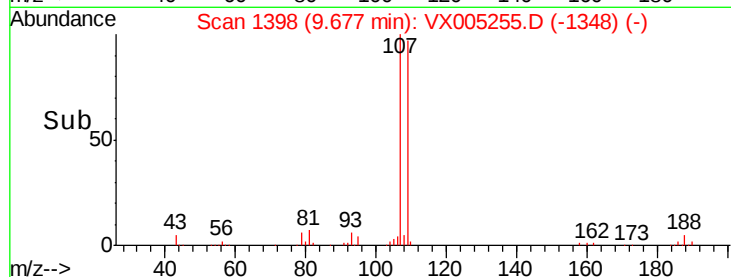
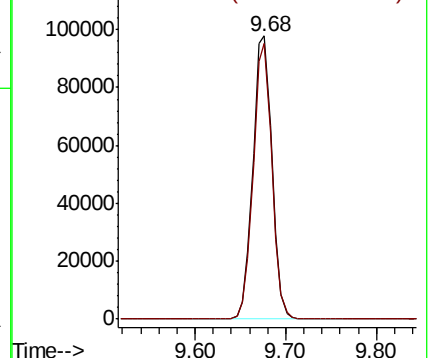
107 100

109 95.3 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.955 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

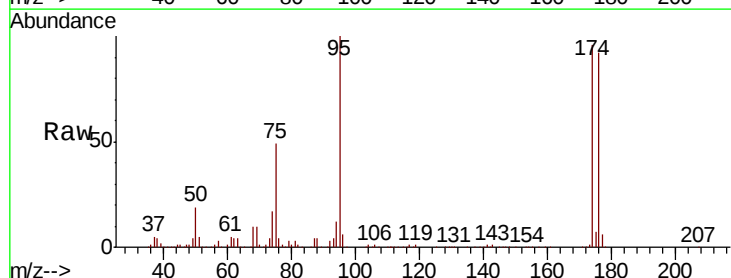
Tgt Ion: 95 Resp: 143124

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.0

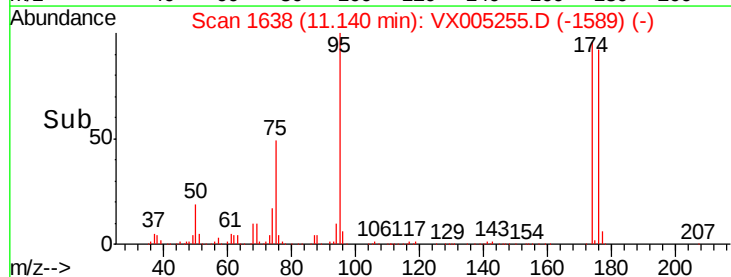
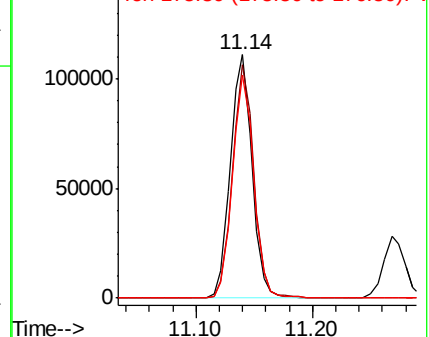
176 91.1 0.0 180.2

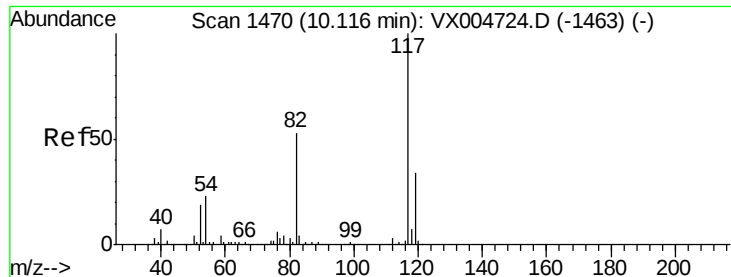


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

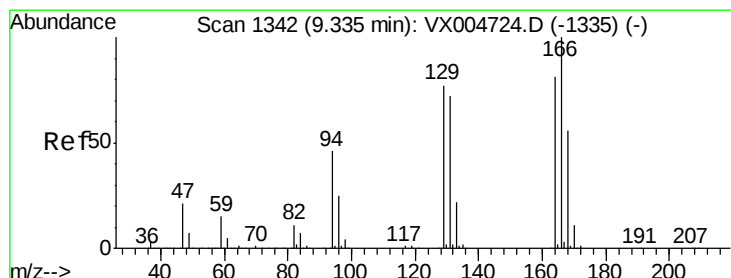
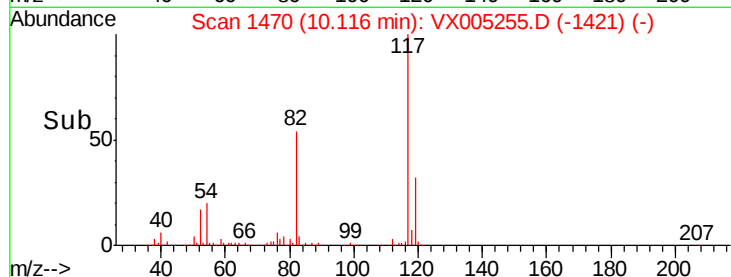
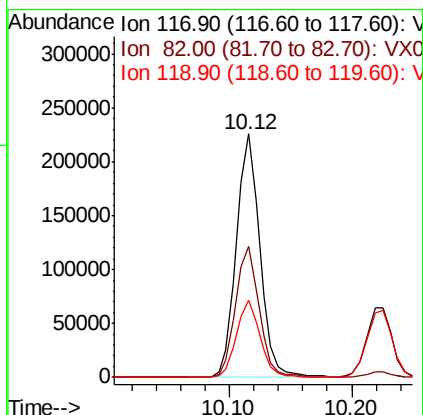
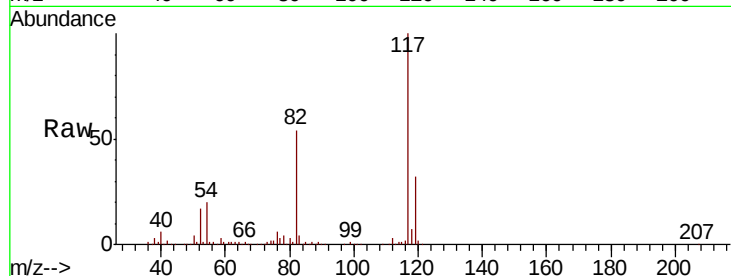




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

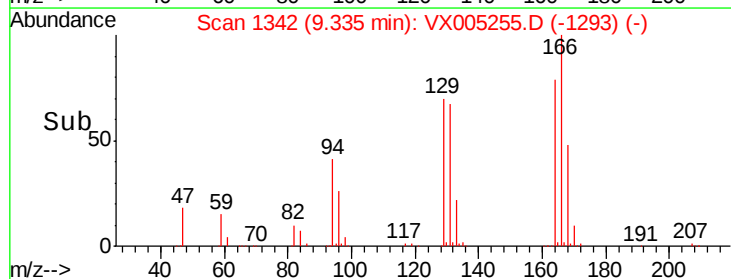
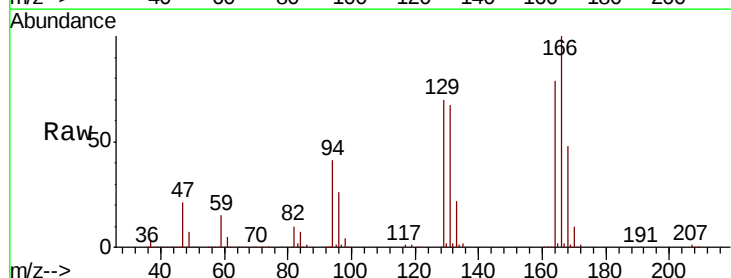
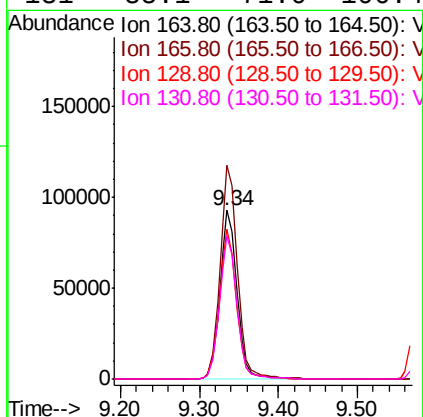
Instrument :
MSVOA_X
ClientSampled :

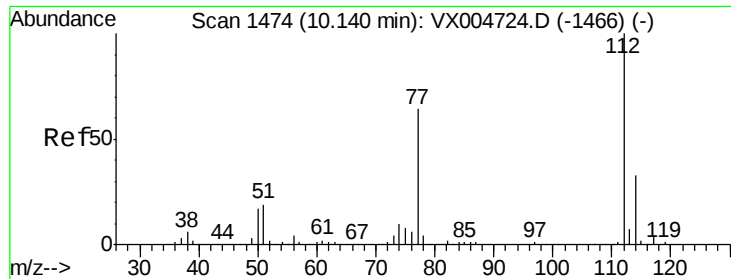
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.2	63.4
119	31.6	27.4	41.0



#64
Tetrachloroethene
Concen: 47.707 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	98.4	147.6
129	89.1	76.1	114.1
131	85.1	71.0	106.4

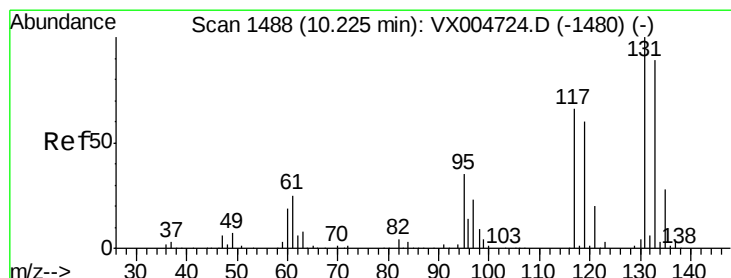
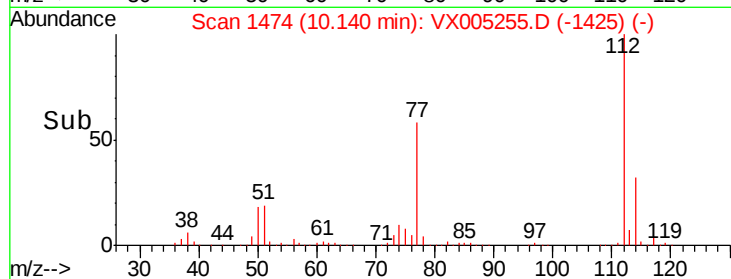
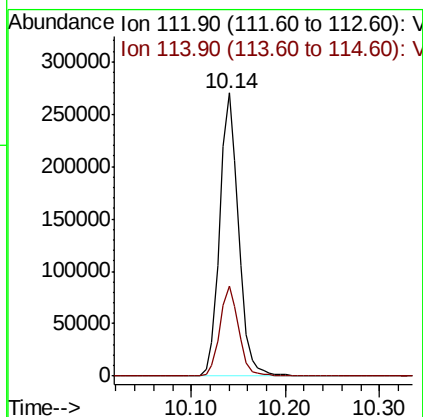
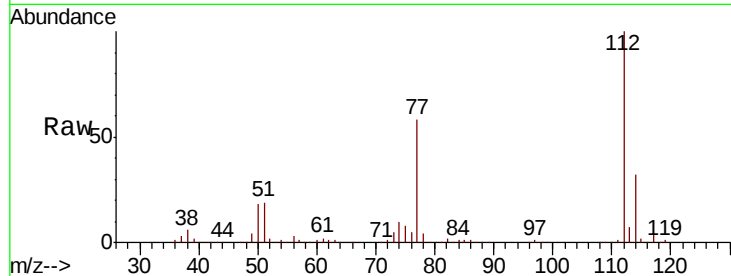




#65
Chlorobenzene
Concen: 48.835 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

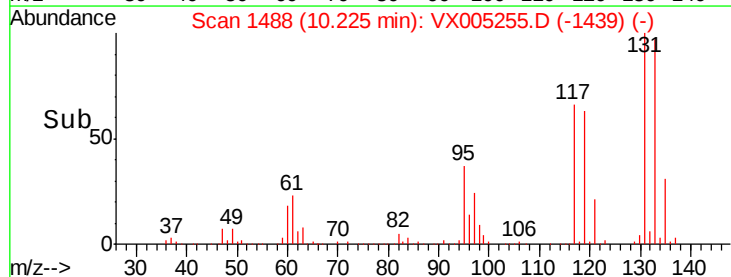
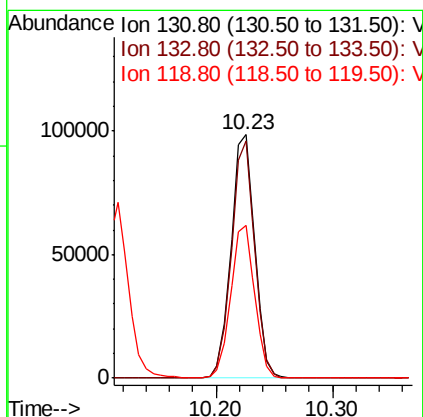
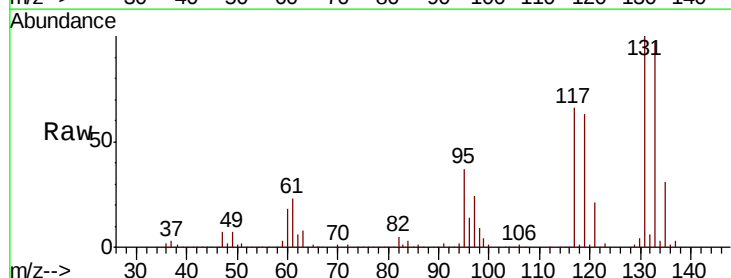
Instrument :
MSVOA_X
ClientSampled :

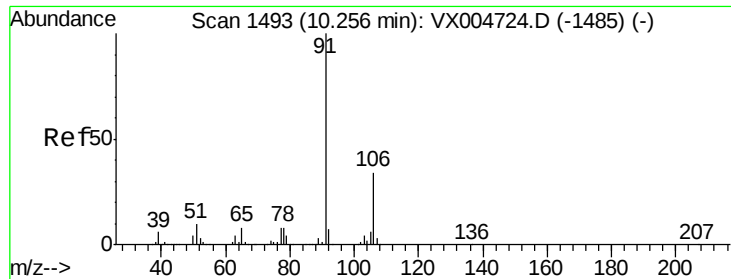
Tot Ion:112 Resp: 375382
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.501 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:131 Resp: 139173
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 63.5 32.3 96.8

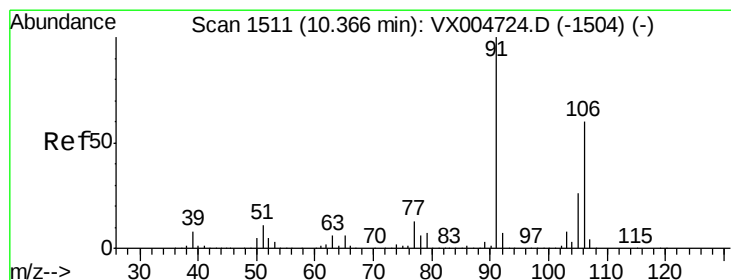
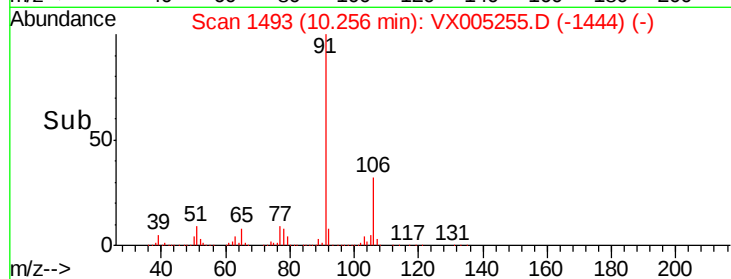
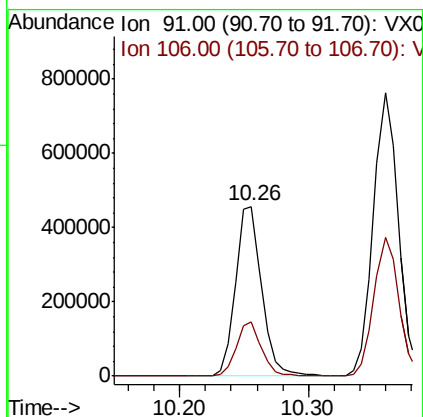
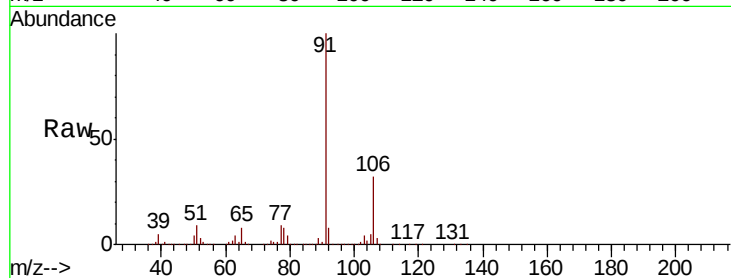




#67
Ethyl Benzene
Concen: 52.795 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

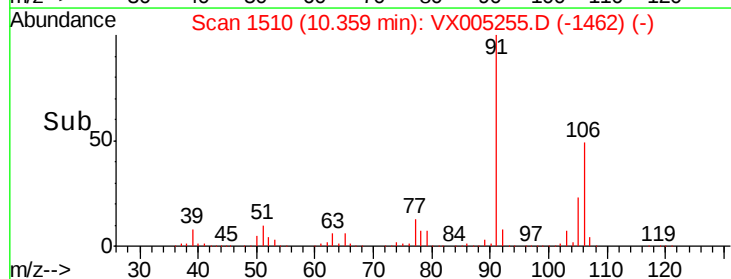
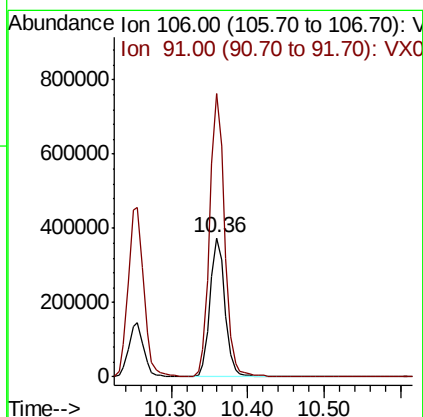
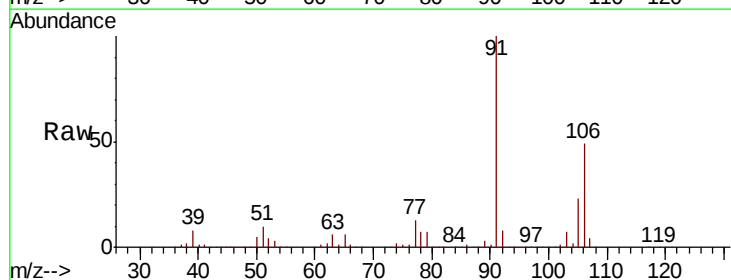
Instrument :
MSVOA_X
ClientSampled :

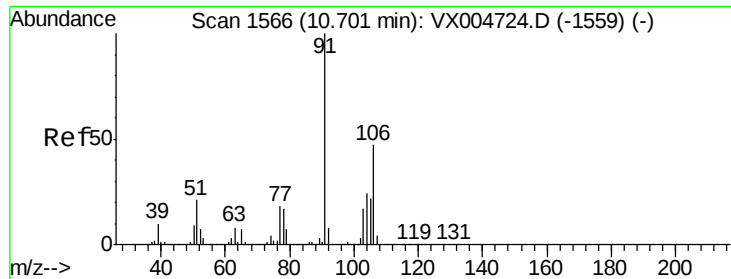
Tot Ion: 91 Resp: 644294
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3



#68
m/p-Xylenes
Concen: 106.888 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 106 Resp: 509735
Ion Ratio Lower Upper
106 100
91 203.0 157.5 236.3

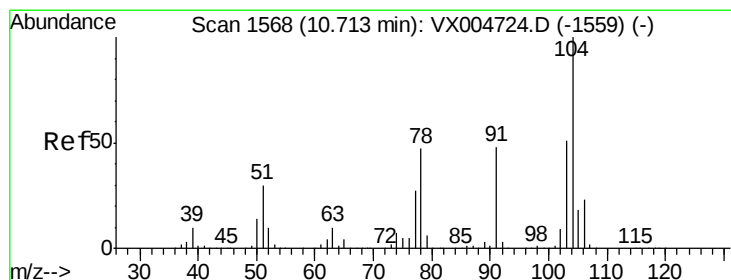
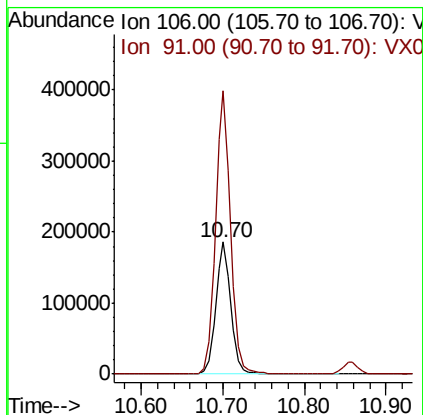
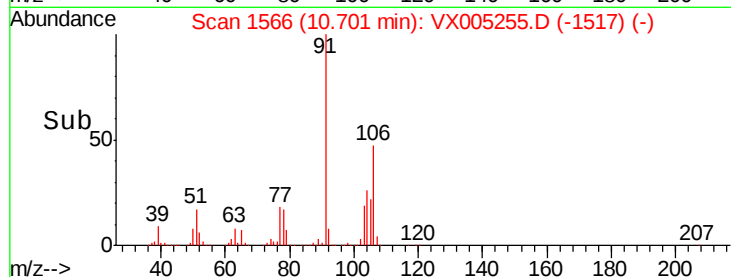
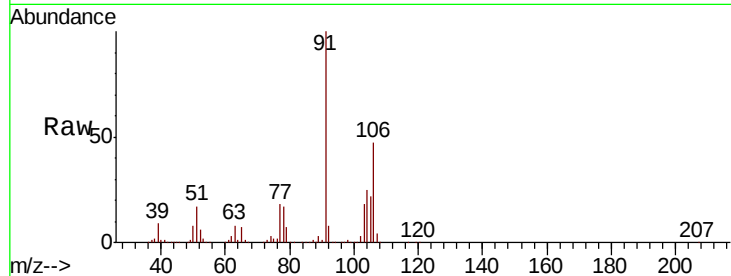




#69
o-Xylene
Concen: 55.109 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

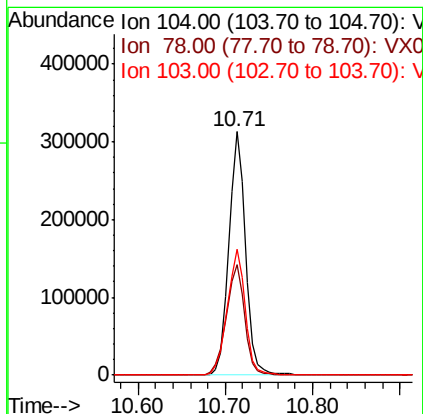
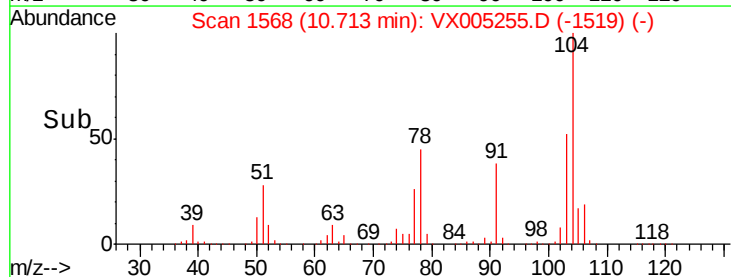
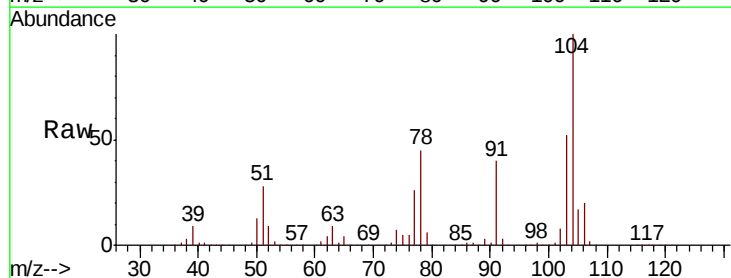
Instrument :
MSVOA_X
ClientSampleId :

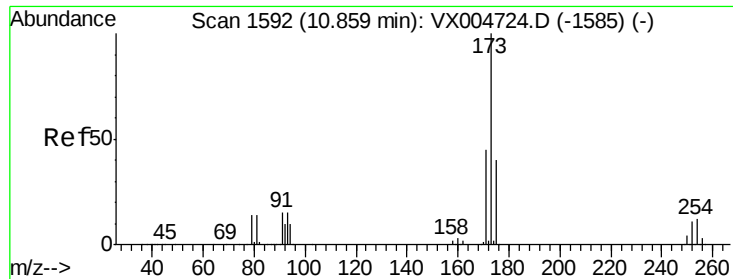
Tot Ion:106 Resp: 241386
Ion Ratio Lower Upper
106 100
91 215.6 108.3 324.8



#70
Styrene
Concen: 50.402 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:104 Resp: 413055
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 53.943 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampled :

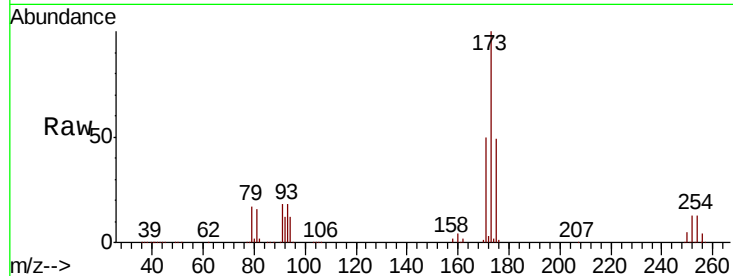
Tot Ion:173 Resp: 124799

Ion Ratio Lower Upper

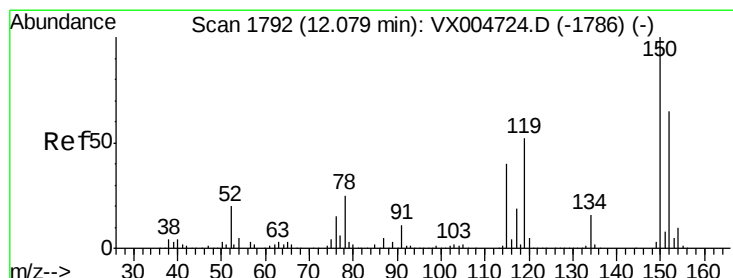
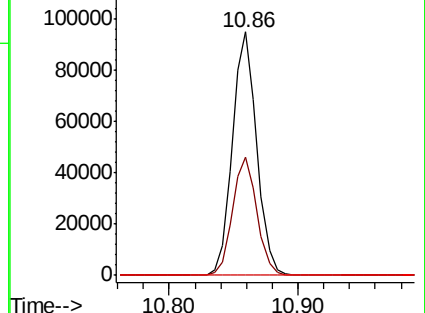
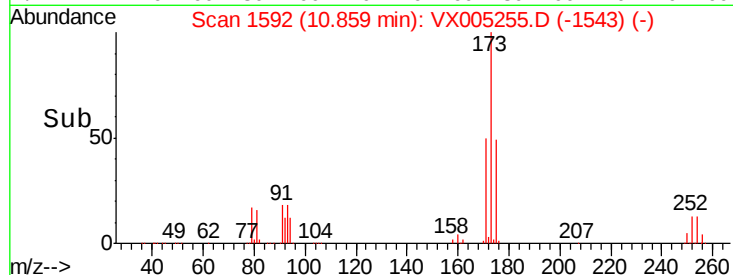
173 100

175 48.7 23.3 69.8

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: VX005255.D

Acq: 11 Oct 2018 15:45

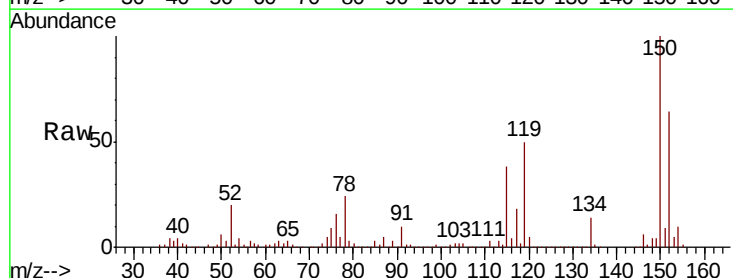
Tgt Ion:152 Resp: 176087

Ion Ratio Lower Upper

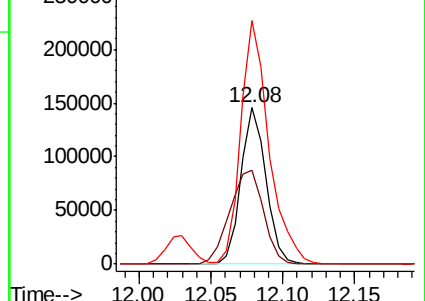
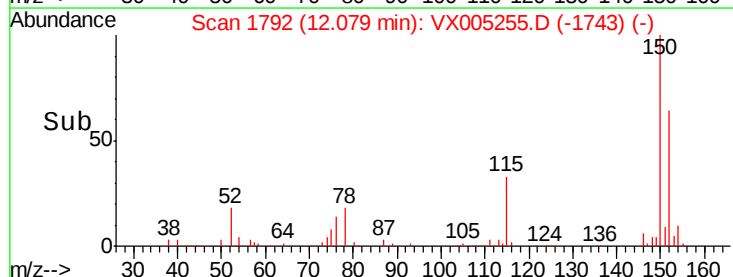
152 100

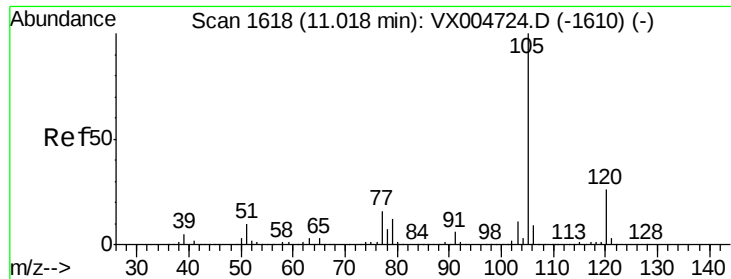
115 81.4 40.2 120.6

150 175.5 0.0 351.0



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: 59.824 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

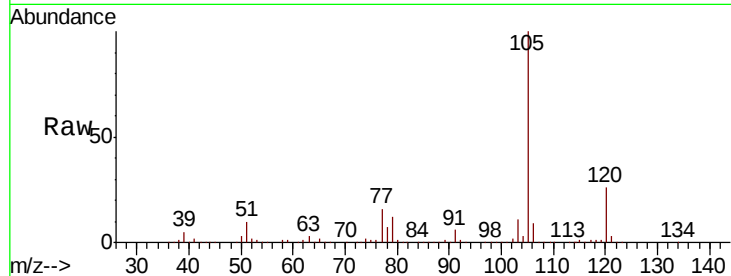
ClientSampled :

Tot Ion:105 Resp: 663982

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

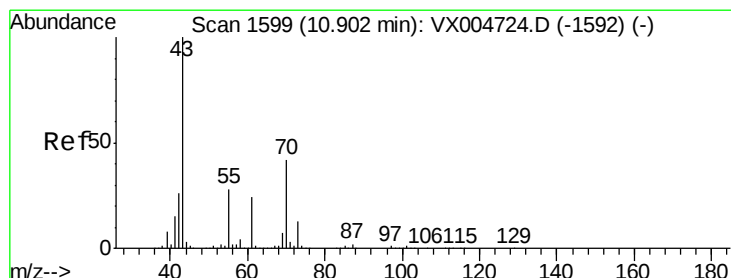
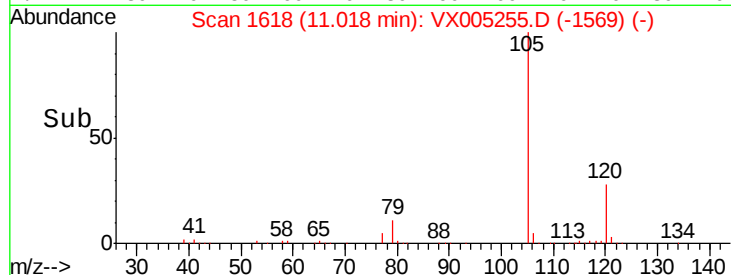
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.250 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Tgt Ion: 43 Resp: 312929

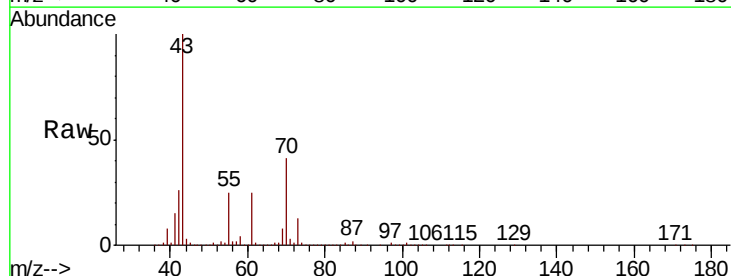
Ion Ratio Lower Upper

43 100

70 40.8 32.6 48.8

55 25.4 21.6 32.4

61 23.8 19.1 28.7



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

10.90

400000

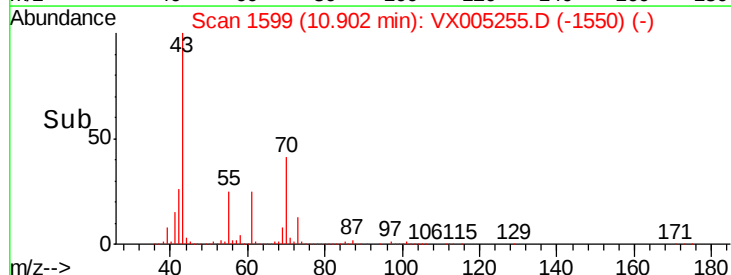
300000

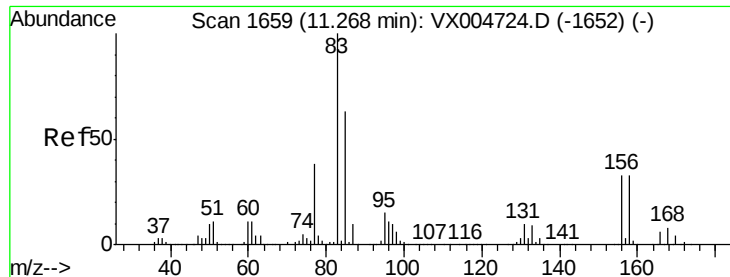
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.229 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

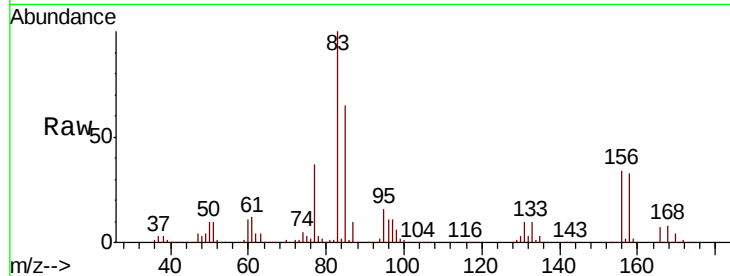
Tot Ion: 83 Resp: 231454

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

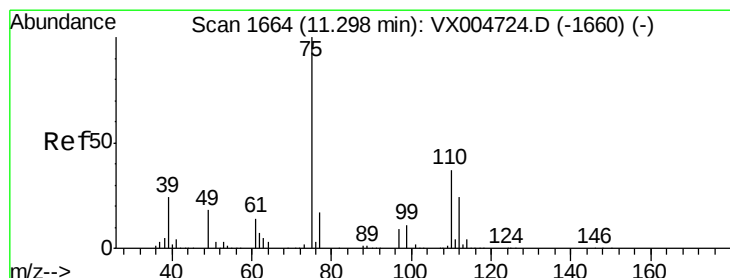
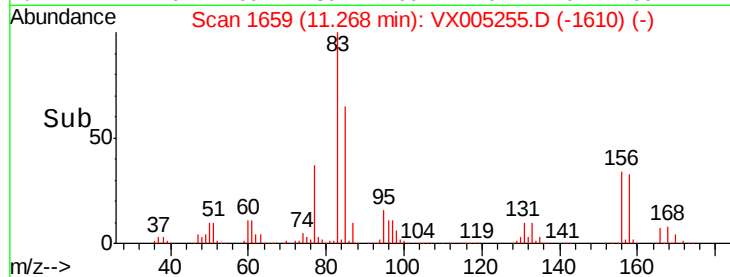
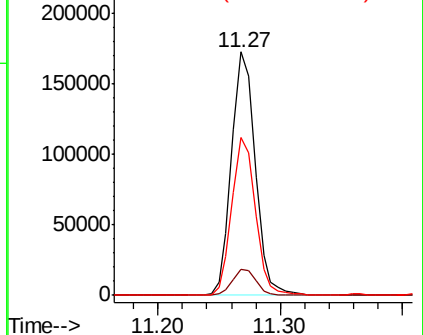
85 64.4 31.9 95.9



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: 68.801 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005255.D

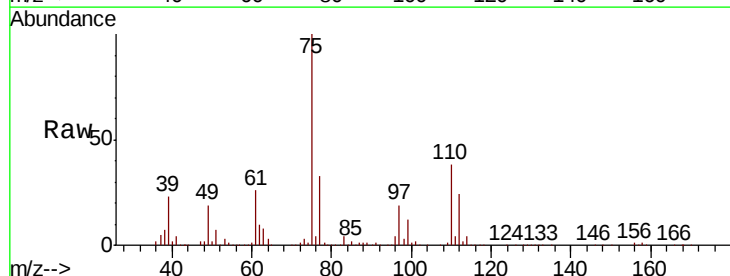
Acq: 11 Oct 2018 15:45

Tgt Ion: 75 Resp: 271542

Ion Ratio Lower Upper

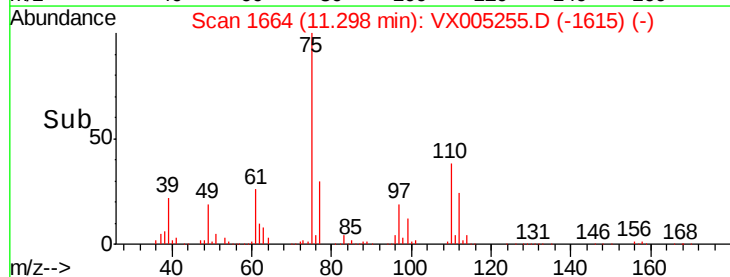
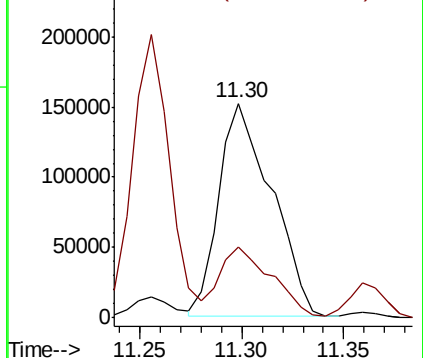
75 100

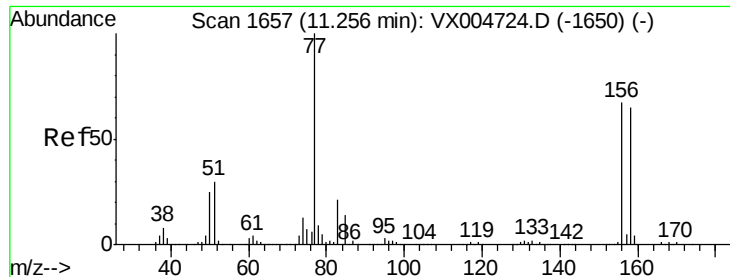
77 32.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.238 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

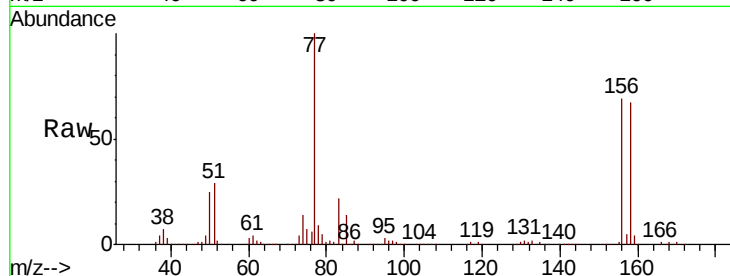
Tot Ion:156 Resp: 178077

Ion Ratio Lower Upper

156 100

77 143.4 73.4 220.2

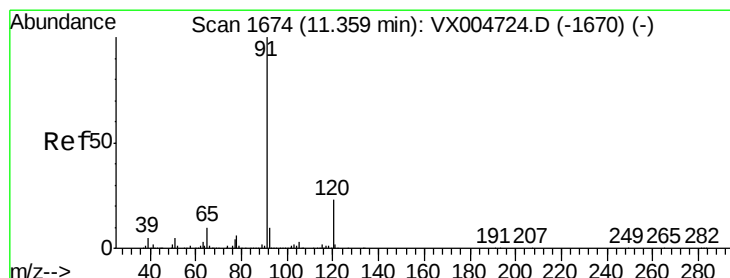
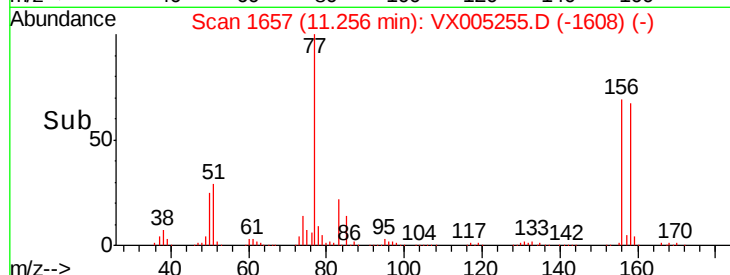
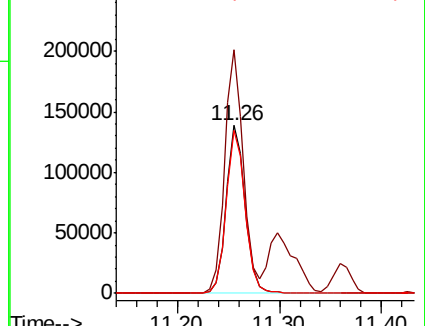
158 97.2 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.714 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005255.D

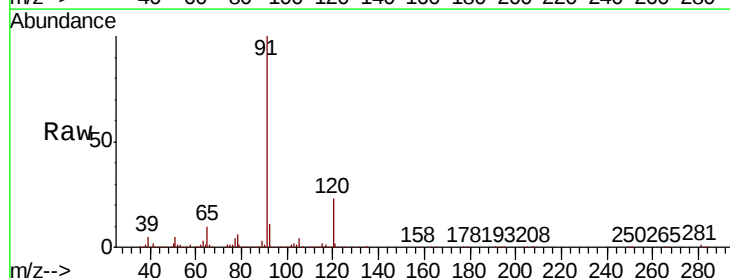
Acq: 11 Oct 2018 15:45

Tgt Ion: 91 Resp: 773176

Ion Ratio Lower Upper

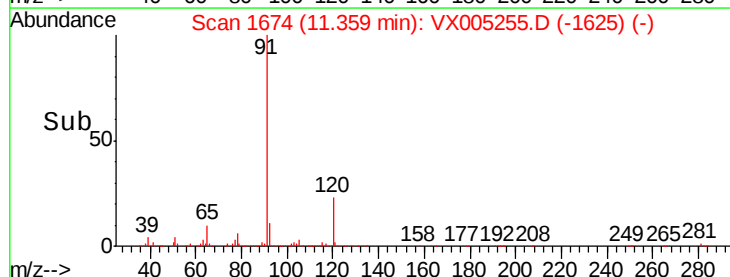
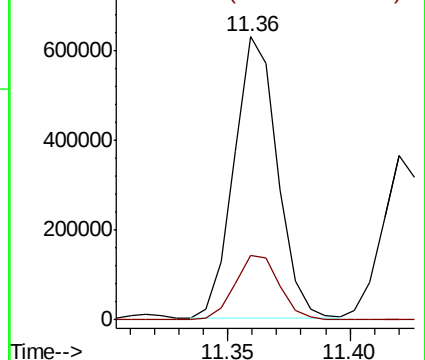
91 100

120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.442 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

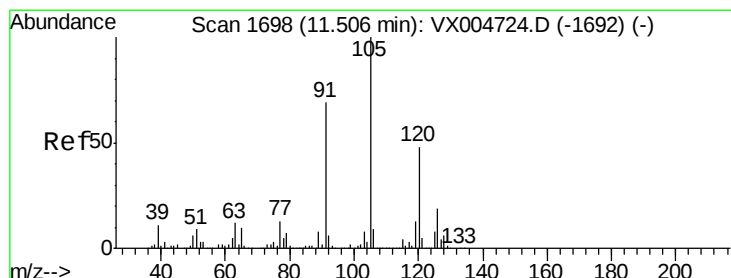
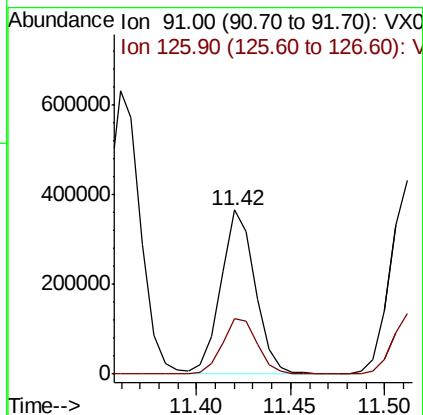
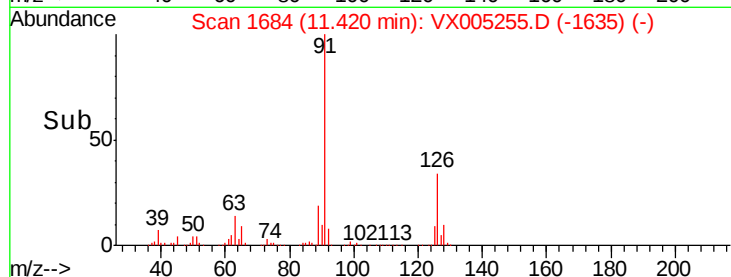
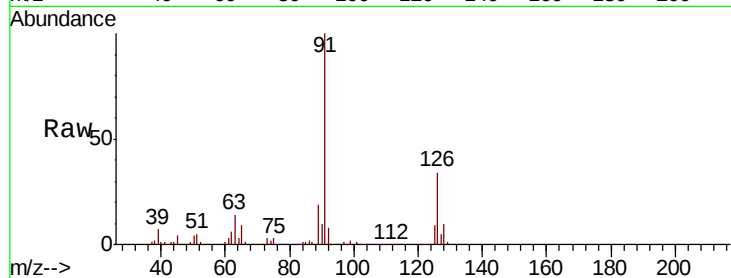
ClientSampleId :

Tot Ion: 91 Resp: 455968

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 56.352 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005255.D

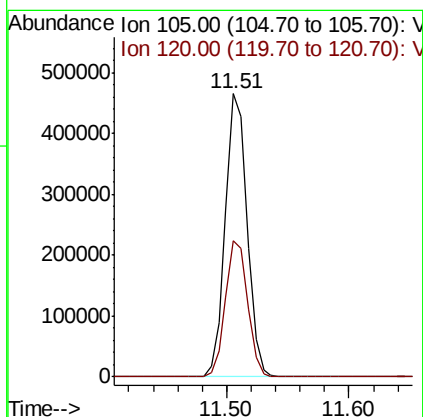
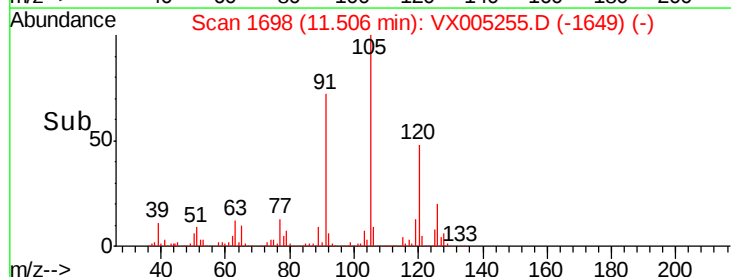
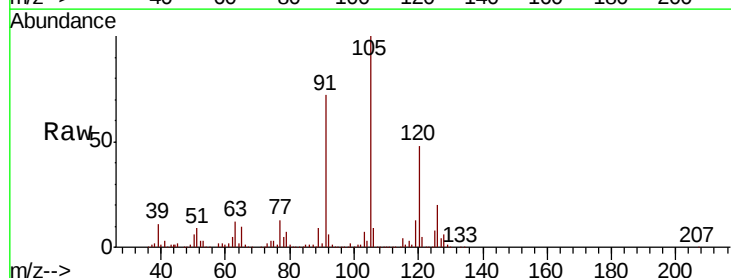
Acq: 11 Oct 2018 15:45

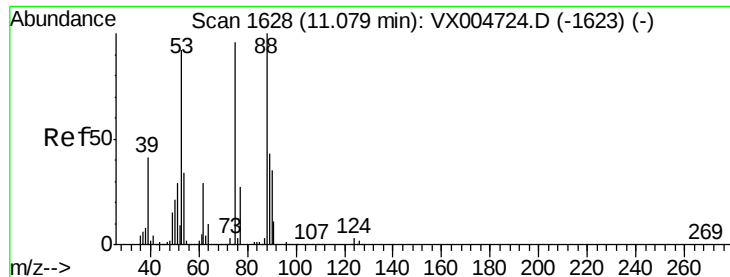
Tgt Ion: 105 Resp: 572989

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.704 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

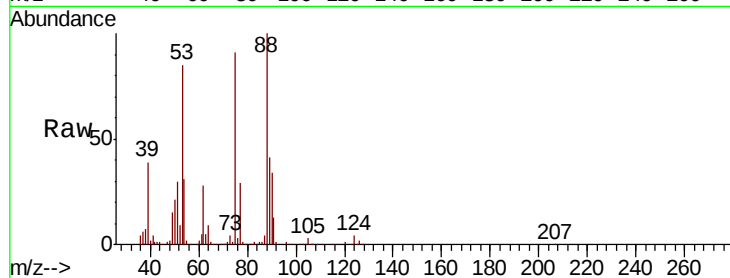
Tot Ion: 75 Resp: 70401

Ion Ratio Lower Upper

75 100

53 97.4 80.2 120.4

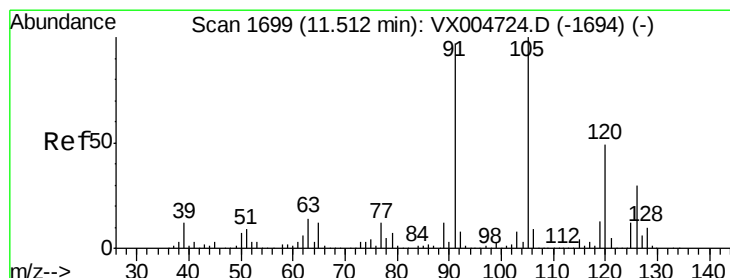
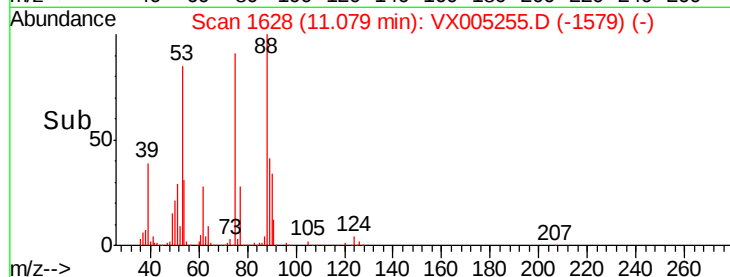
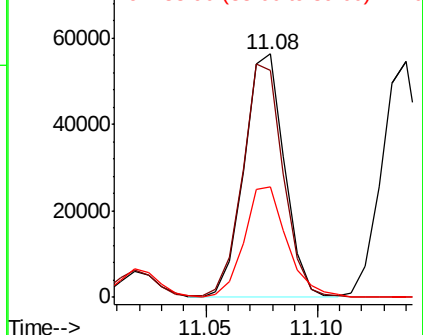
89 48.7 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 58.109 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005255.D

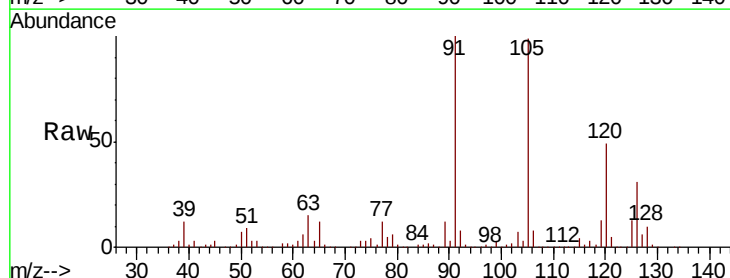
Acq: 11 Oct 2018 15:45

Tgt Ion: 91 Resp: 542923

Ion Ratio Lower Upper

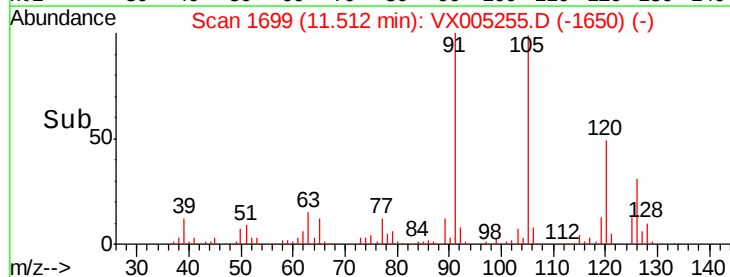
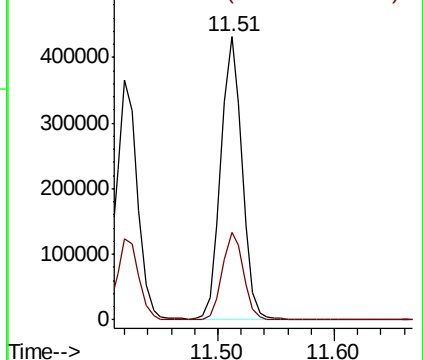
91 100

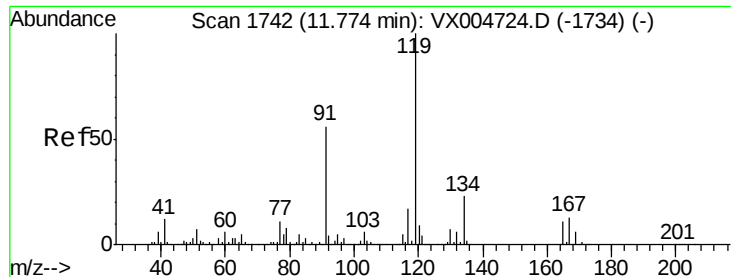
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

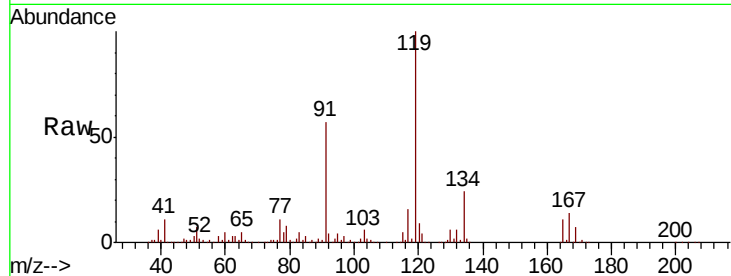




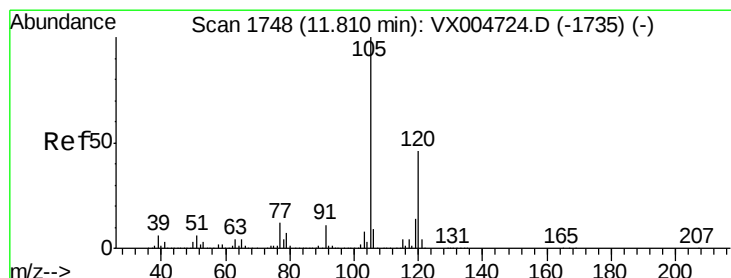
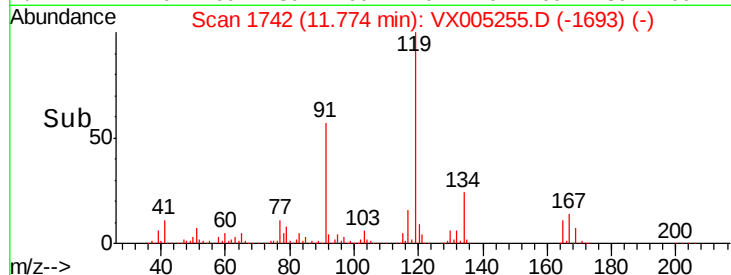
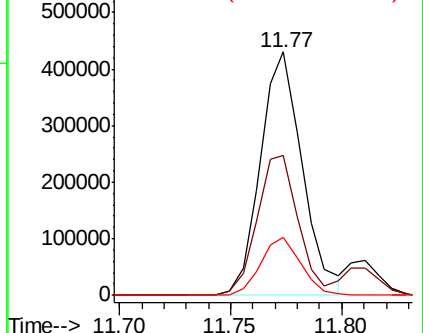
#83
tert-Butylbenzene
Concen: 61.806 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 564795
Ion Ratio Lower Upper
119 100
91 56.1 27.5 82.5
134 22.8 11.5 34.4

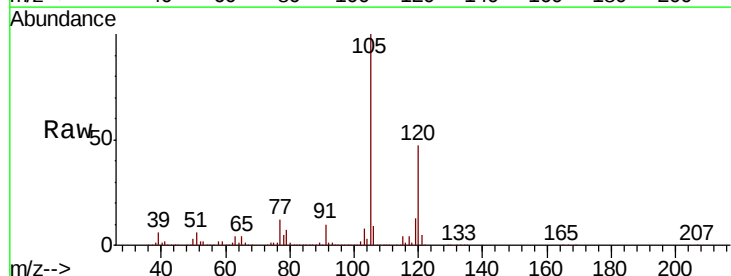


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

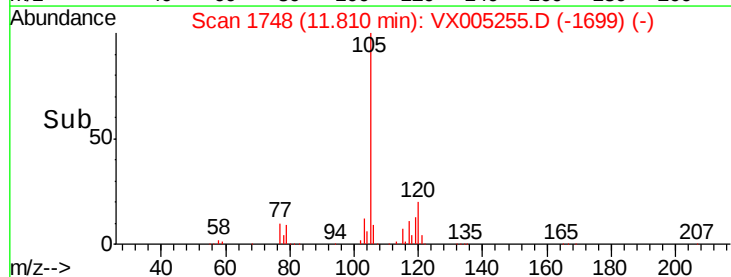
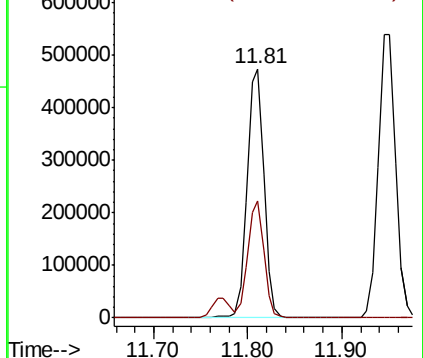


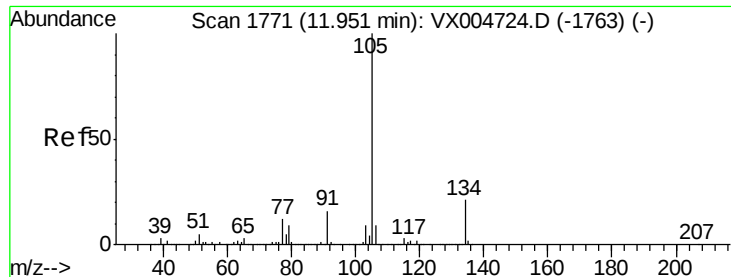
#84
1,2,4-Trimethylbenzene
Concen: 56.317 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:105 Resp: 590548
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 62.092 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

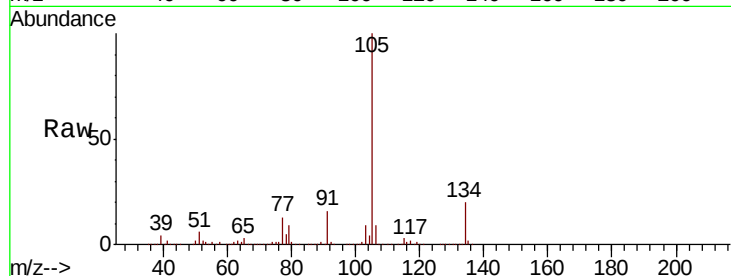
ClientSampleId :

Tot Ion:105 Resp: 691121

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

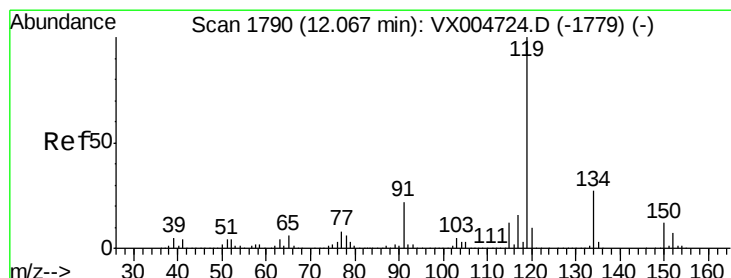
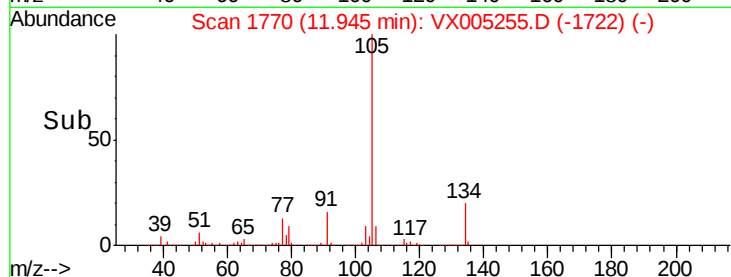
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 61.961 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

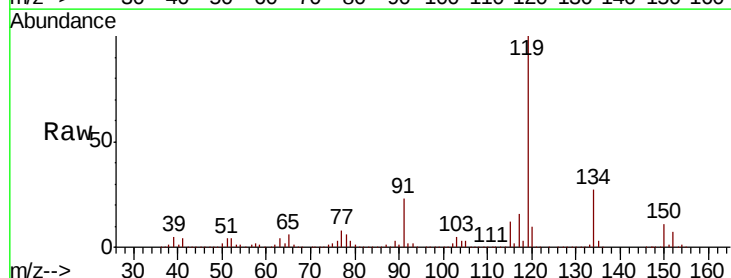
Tgt Ion:119 Resp: 624836

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

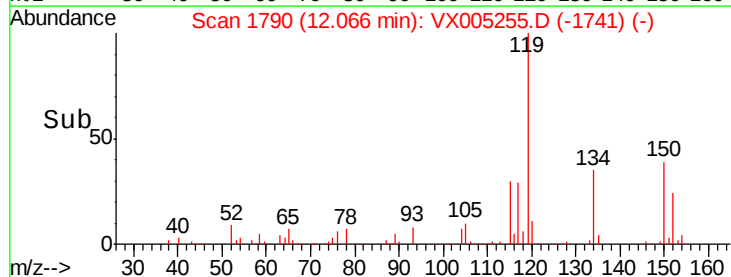
600000

400000

200000

0

Time-->

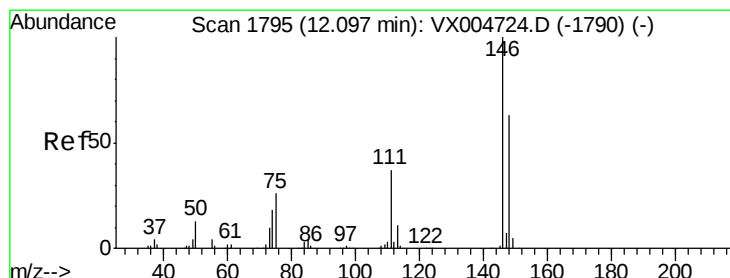
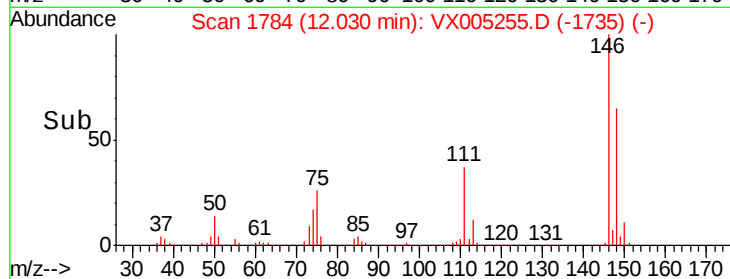
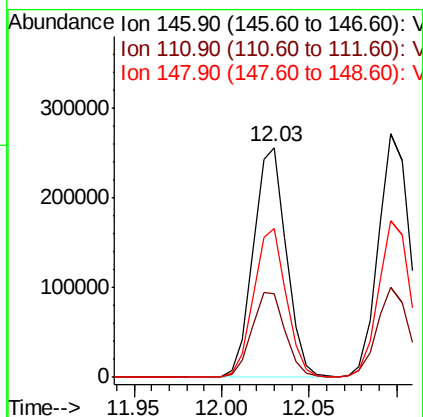
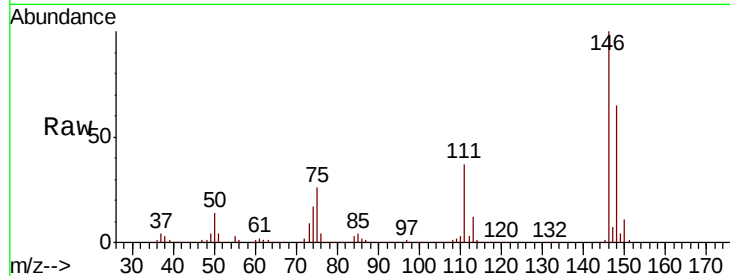




#87
 1,3-Dichlorobenzene
 Concen: 55.744 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

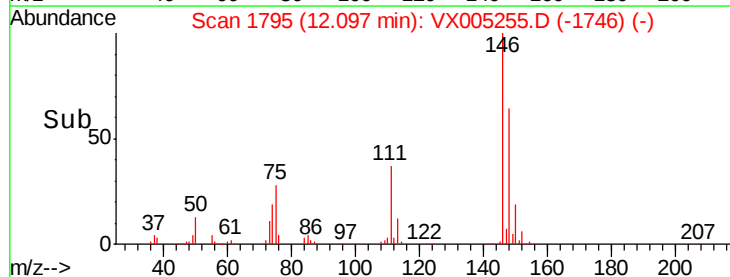
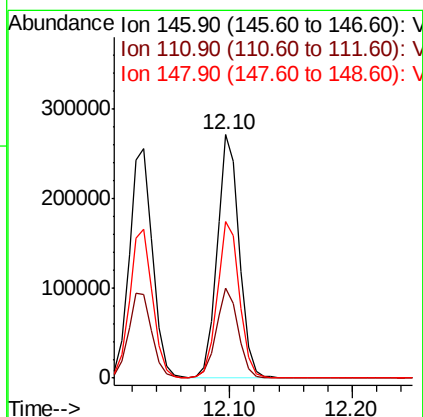
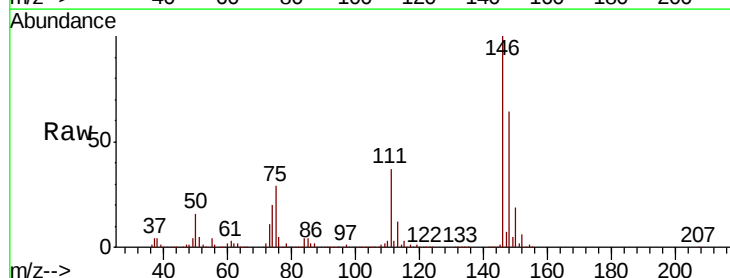
Instrument :
 MSVOA_X
 ClientSampleId :

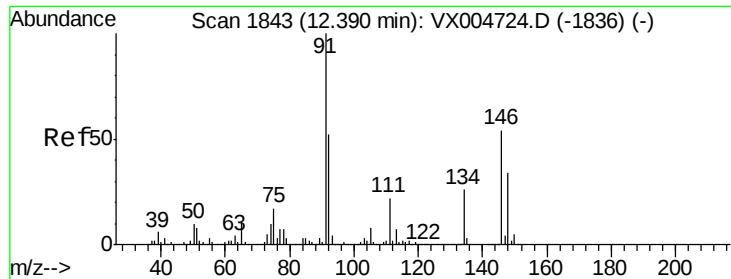
Tot Ion:146 Resp: 335564
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 54.761 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion:146 Resp: 340293
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.2
 148 64.8 32.0 96.0

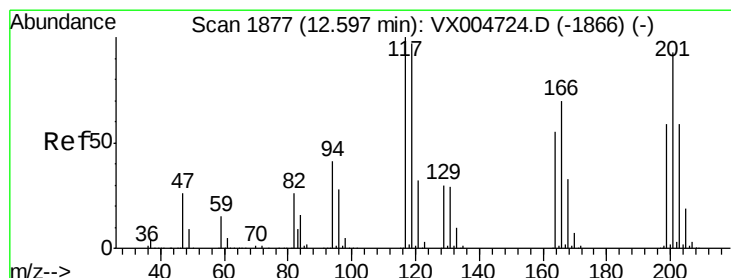
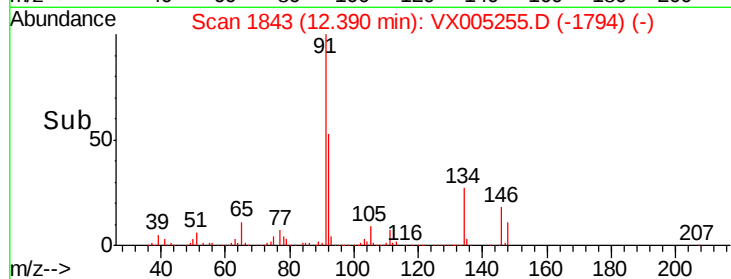
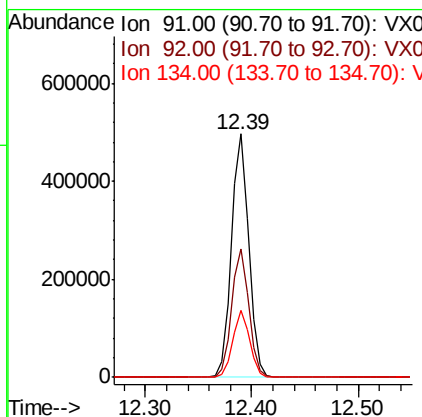
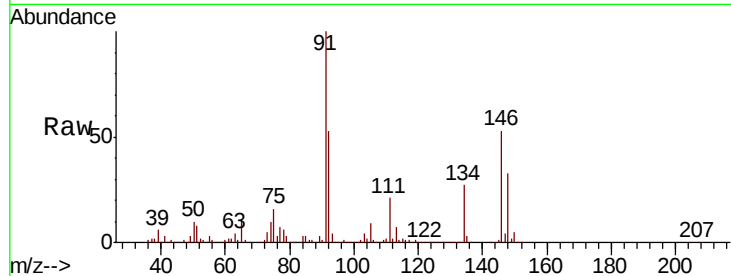




#89
n-Butylbenzene
Concen: 62.087 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

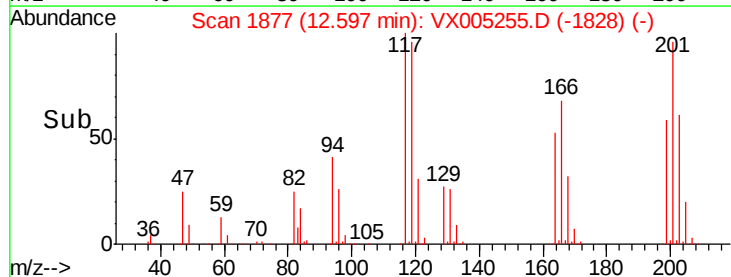
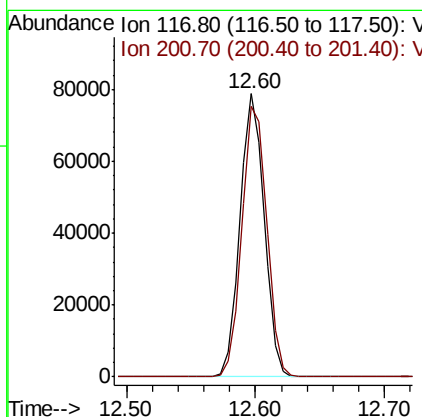
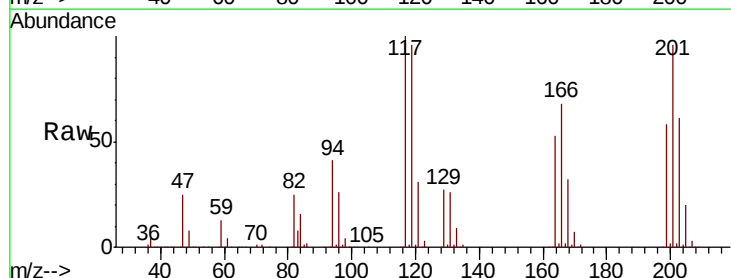
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 568623
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.7 13.2 39.6



#90
Hexachloroethane
Concen: 60.795 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion: 117 Resp: 102077
Ion Ratio Lower Upper
117 100
201 98.0 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 53.739 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

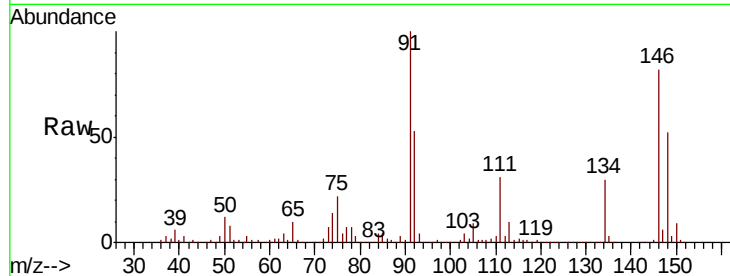
Tot Ion:146 Resp: 338067

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

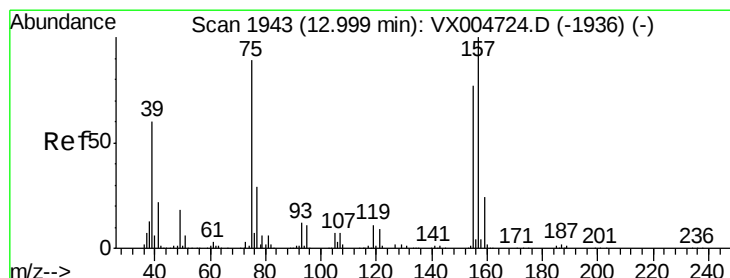
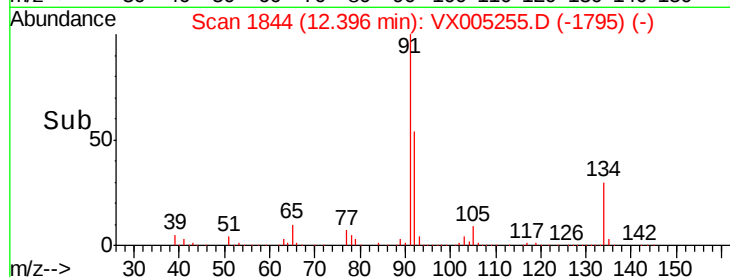
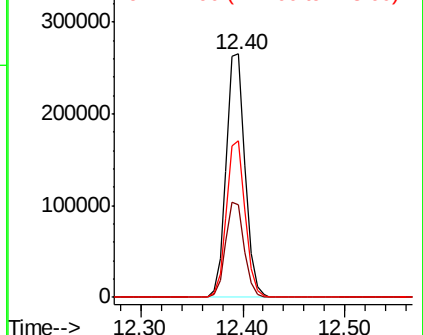
148 63.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.090 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005255.D

Acq: 11 Oct 2018 15:45

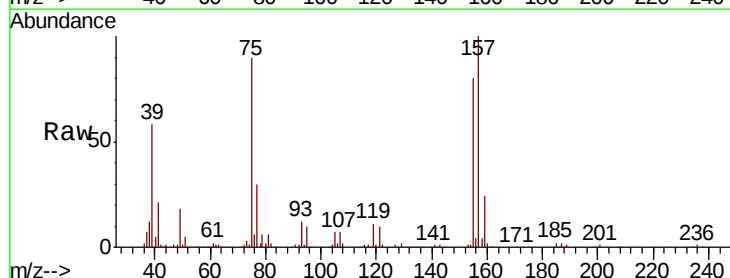
Tgt Ion: 75 Resp: 55642

Ion Ratio Lower Upper

75 100

155 94.6 46.1 138.3

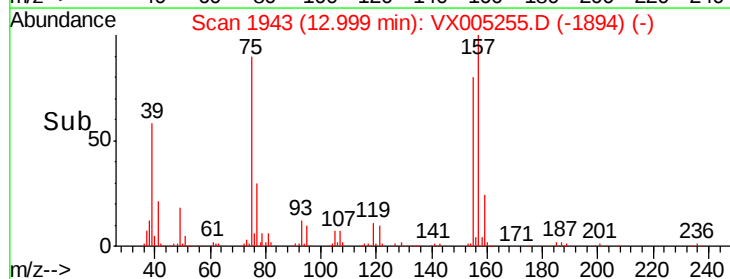
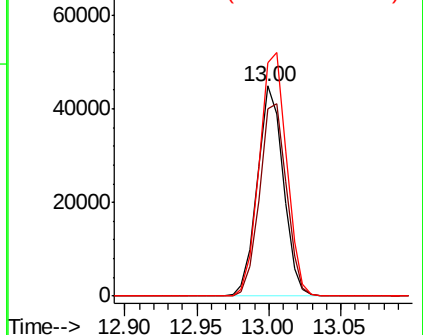
157 121.8 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

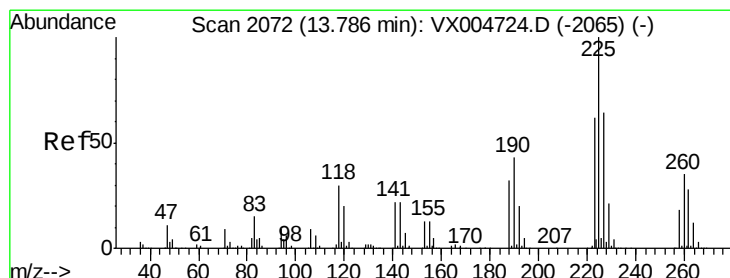
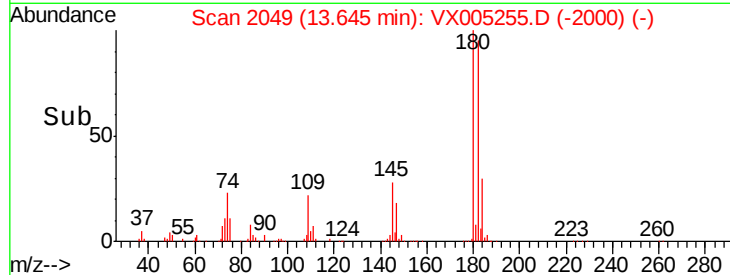
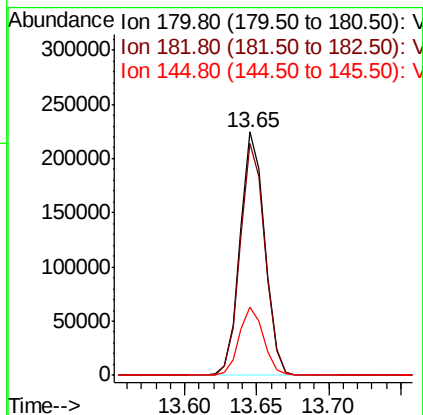
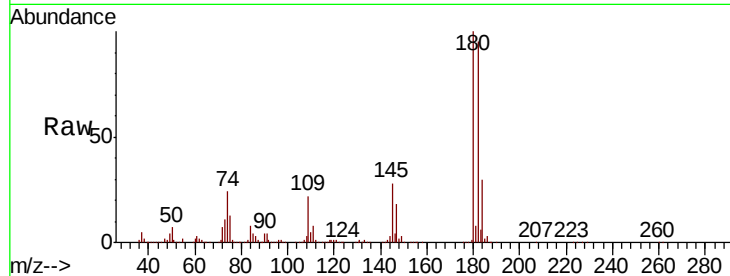




#93
 1,2,4-Trichlorobenzene
 Concen: 60.132 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

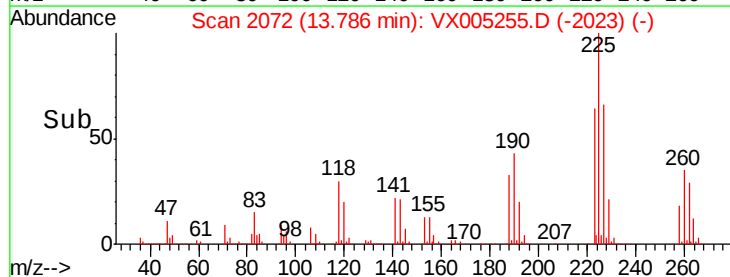
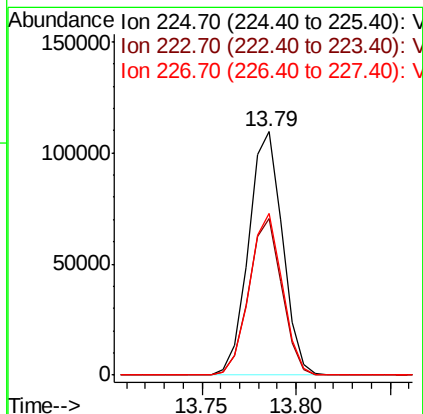
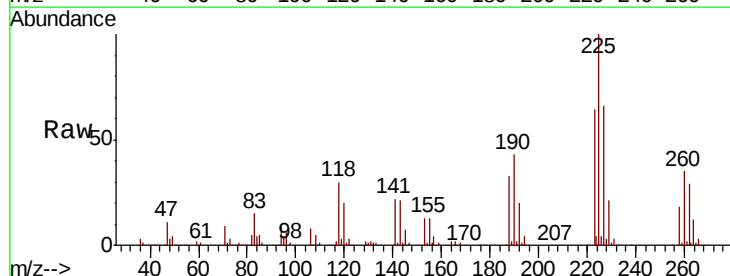
Instrument :
 MSVOA_X
 ClientSampleId :

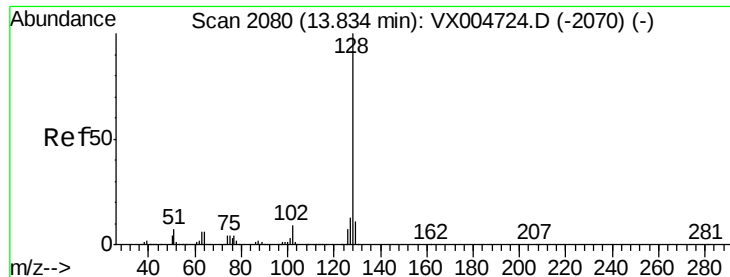
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	27.9	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 59.532 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005255.D
 Acq: 11 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.8	31.9	95.5

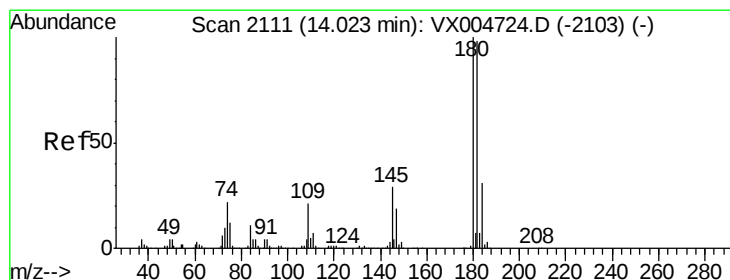
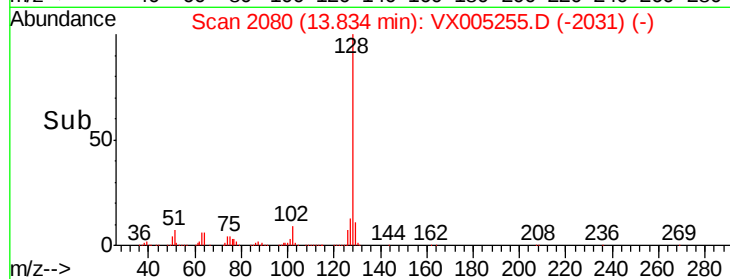
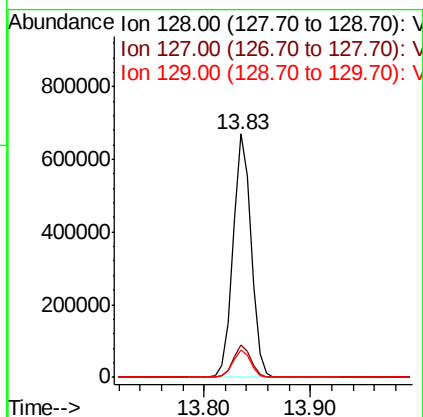
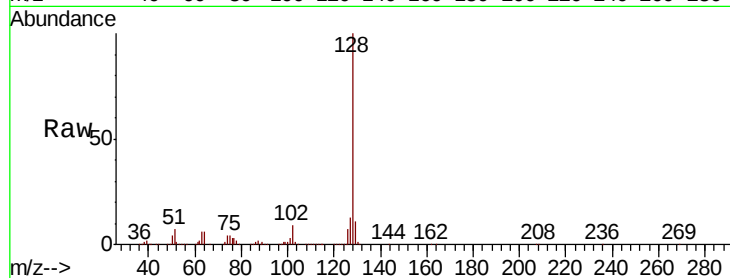




#95
Naphthalene
Concen: 54.397 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 797683
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.947 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005255.D
Acq: 11 Oct 2018 15:45

Tgt Ion:180 Resp: 268719
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 29.2 15.0 45.0

