

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\
 Data File : VX006762.D
 Acq On : 22 Dec 2018 10:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 04:17:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	628897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	935851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	834712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436244	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	325269	47.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	300359	50.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.50%	
50) Toluene-d8	8.71	98	1114949	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	394016	48.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	249315	43.334	ug/l	100
3) Chloromethane	1.33	50	258829	41.758	ug/l	98
4) Vinyl Chloride	1.41	62	279431	43.165	ug/l	98
5) Bromomethane	1.64	94	275299	45.394	ug/l	98
6) Chloroethane	1.72	64	181827	40.565	ug/l	97
7) Trichlorofluoromethane	1.93	101	461929	45.768	ug/l	99
8) Diethyl Ether	2.19	74	176442	44.014	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	282662	47.698	ug/l	100
10) Methyl Iodide	2.51	142	366231	43.173	ug/l	100
11) Tert butyl alcohol	3.07	59	318344	210.453	ug/l	100
12) 1,1-Dichloroethene	2.38	96	252864	45.002	ug/l	97
13) Acrolein	2.30	56	197869	193.904	ug/l	100
14) Allyl chloride	2.73	41	427125	45.160	ug/l	100
15) Acrylonitrile	3.15	53	766867	228.331	ug/l	100
16) Acetone	2.45	43	855653	274.775	ug/l	97
17) Carbon Disulfide	2.57	76	596326	40.103	ug/l	99
18) Methyl Acetate	2.78	43	448671	48.999	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	872449	46.781	ug/l	99
20) Methylene Chloride	2.86	84	283318	43.999	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	272805	43.818	ug/l	97
22) Diisopropyl ether	3.87	45	831643	48.063	ug/l	98
23) Vinyl Acetate	3.82	43	3503998	247.573	ug/l	98
24) 1,1-Dichloroethane	3.70	63	484598	46.916	ug/l	97
25) 2-Butanone	4.70	43	1075841	245.612	ug/l	100
26) 2,2-Dichloropropane	4.59	77	355035	44.497	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	318030	46.299	ug/l	99
28) Bromochloromethane	5.02	49	208969	47.915	ug/l	97
29) Tetrahydrofuran	5.15	42	666539	231.038	ug/l	99
30) Chloroform	5.21	83	500990	46.837	ug/l	99
31) Cyclohexane	5.57	56	432815	46.124	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	424715	47.024	ug/l	99
36) 1,1-Dichloropropene	5.80	75	375350	48.426	ug/l	99
37) Ethyl Acetate	4.85	43	381838	47.331	ug/l	99
38) Carbon Tetrachloride	5.78	117	369702	49.079	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	498724	48.873	ug/l	100
40) Benzene	6.14	78	1125352	47.764	ug/l	99
41) Methacrylonitrile	5.06	41	215338	50.276	ug/l	98
42) 1,2-Dichloroethane	6.20	62	373434	46.514	ug/l	100
43) Isopropyl Acetate	6.46	43	612746	49.919	ug/l	98
44) Trichloroethene	7.21	130	331676	46.512	ug/l	98
45) 1,2-Dichloropropane	7.51	63	283548	49.455	ug/l	97
46) Dibromomethane	7.66	93	201004	47.662	ug/l	99
47) Bromodichloromethane	7.90	83	344118	49.149	ug/l	98
48) Methyl methacrylate	7.77	41	313983	50.301	ug/l	99
49) 1,4-Dioxane	7.75	88	147111	898.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1914475	245.127	ug/l	99
52) Toluene	8.78	92	725711	47.678	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379853	50.586	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	421309	51.134	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301871	48.452	ug/l	99
56) Ethyl methacrylate	9.18	69	435830	49.494	ug/l	97
57) 1,3-Dichloropropane	9.37	76	473068	47.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1290861	275.778	ug/l	99
59) 2-Hexanone	9.49	43	1508293	252.405	ug/l	99
60) Dibromochloromethane	9.58	129	300556	46.305	ug/l	98
61) 1,2-Dibromoethane	9.67	107	326556	49.307	ug/l	100
64) Tetrachloroethene	9.34	164	308252	46.637	ug/l	98
65) Chlorobenzene	10.14	112	843814	47.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	288342	52.335	ug/l	100
67) Ethyl Benzene	10.25	91	1406777	48.751	ug/l	100
68) m/p-Xylenes	10.36	106	1104217	96.976	ug/l	99
69) o-Xylene	10.69	106	540298	48.052	ug/l	98
70) Styrene	10.71	104	856799	48.166	ug/l	99
71) Bromoform	10.86	173	210241	42.991	ug/l	100
73) Isopropylbenzene	11.02	105	1451126	48.623	ug/l	99
74) N-amyl acetate	10.90	43	542878	50.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	432445	48.722	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	481285	59.365	ug/l	89
77) Bromobenzene	11.26	156	380137	47.114	ug/l	99
78) n-propylbenzene	11.36	91	1627599	49.524	ug/l	99
79) 2-Chlorotoluene	11.42	91	929934	46.692	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1195619	48.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110515	42.206	ug/l	96
82) 4-Chlorotoluene	11.51	91	1097416	48.037	ug/l	99
83) tert-Butylbenzene	11.77	119	1225611	49.817	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1220181	47.192	ug/l	99
85) sec-Butylbenzene	11.94	105	1492553	49.481	ug/l	100
86) p-Isopropyltoluene	12.06	119	1326035	50.010	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	699937	48.134	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	691970	46.419	ug/l	99
89) n-Butylbenzene	12.39	91	1165090	51.631	ug/l	99
90) Hexachloroethane	12.60	117	191417	46.382	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	670826	46.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	86624	47.168	ug/l	100

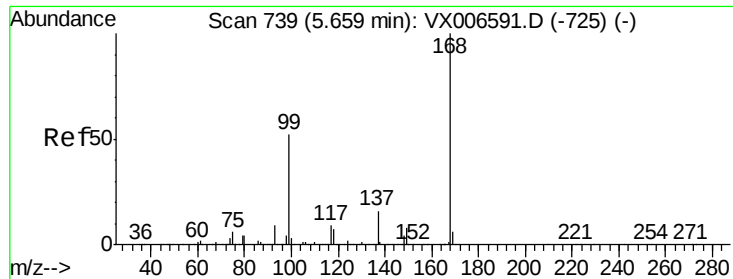
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496090	49.440	ug/l	99
94) Hexachlorobutadiene	13.79	225	234042	49.485	ug/l	99
95) Naphthalene	13.83	128	1508613	47.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	490090	47.305	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

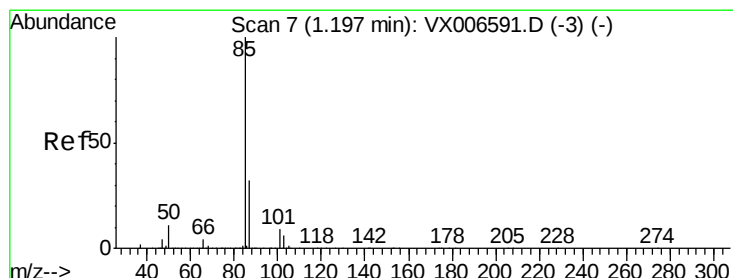
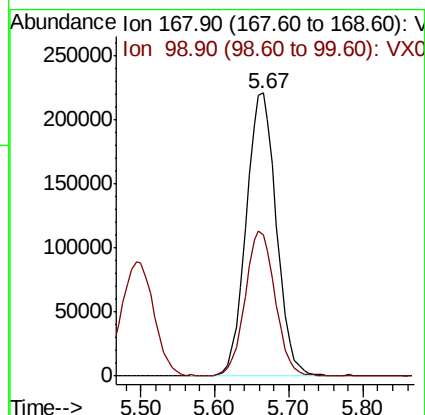
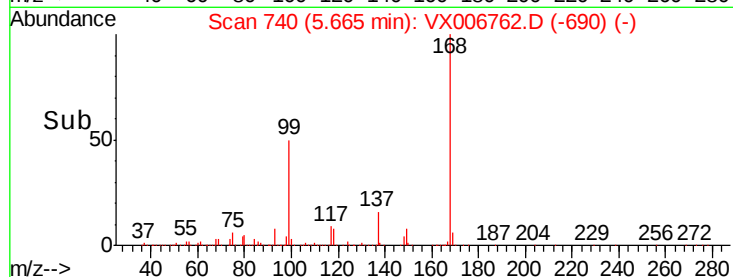
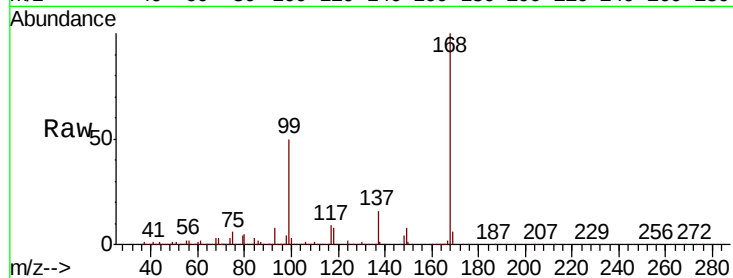
ClientSampleId :

Tot Ion:168 Resp: 628897

Ion Ratio Lower Upper

168 100

99 49.8 41.8 62.8



#2

Dichlorodifluoromethane

Concen: 43.334 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006762.D

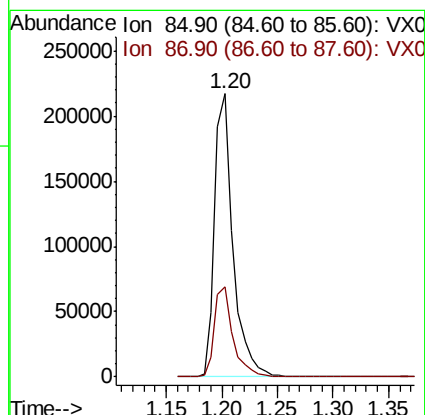
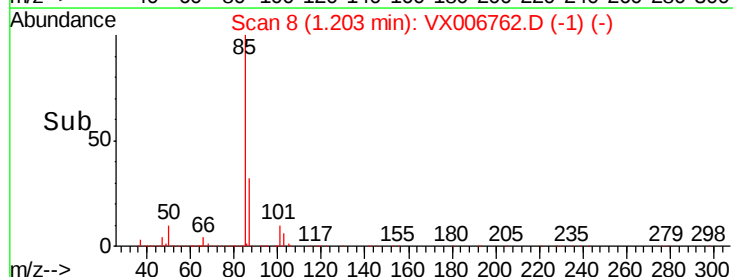
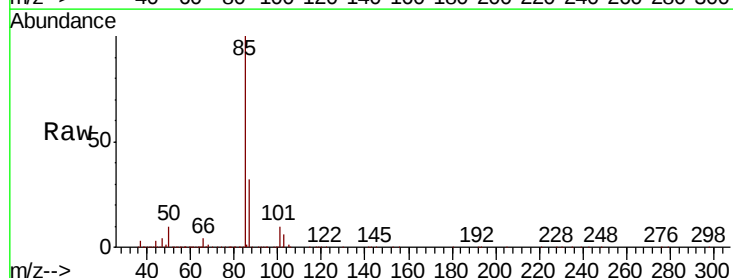
Acq: 22 Dec 2018 10:25

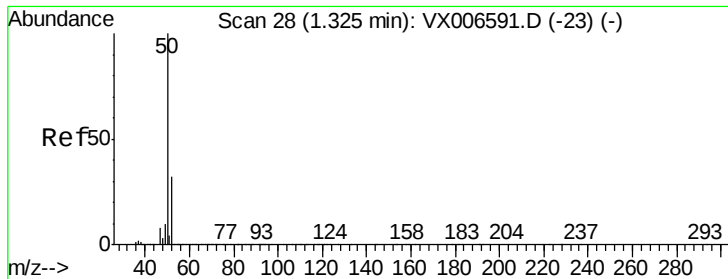
Tgt Ion: 85 Resp: 249315

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6

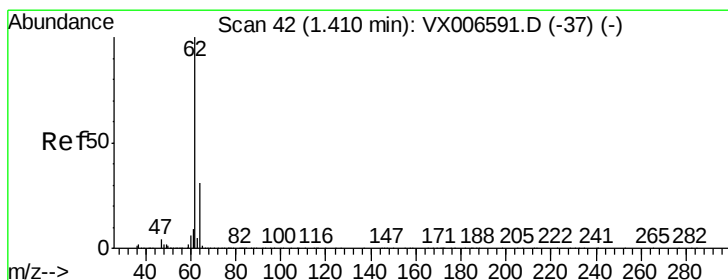
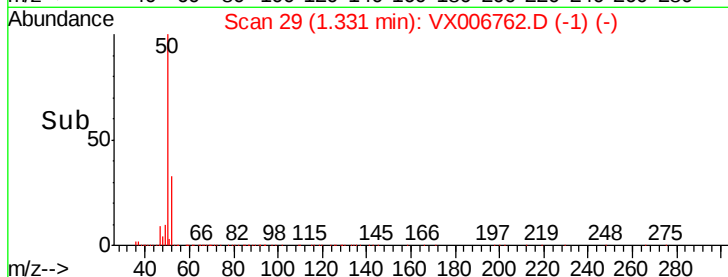
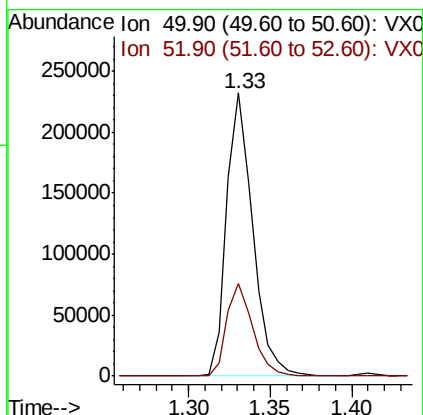
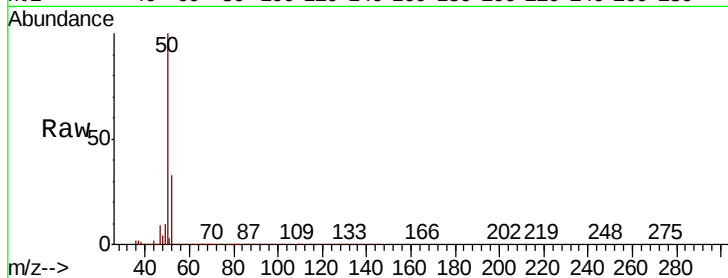




#3
Chloromethane
Concen: 41.758 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

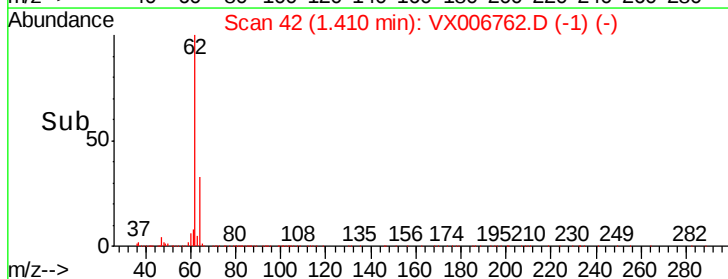
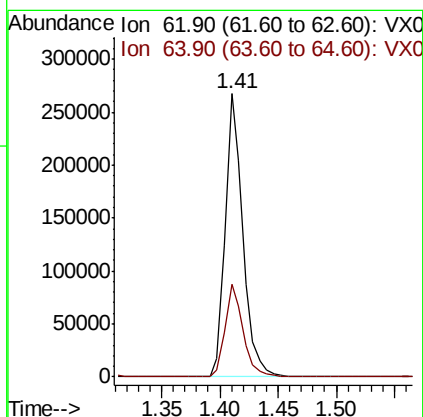
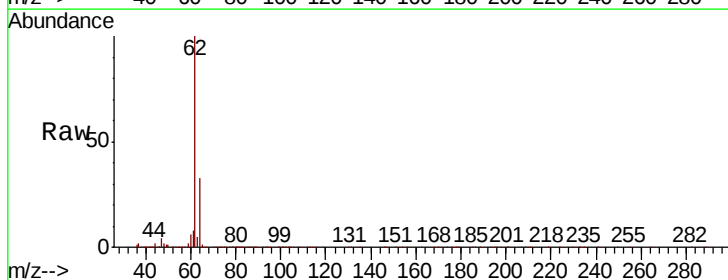
Instrument :
MSVOA_X
ClientSampleId :

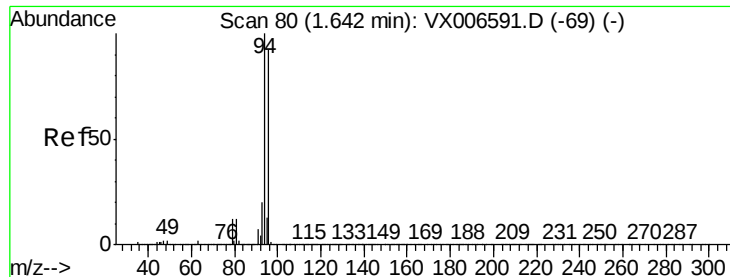
Tot Ion: 50 Resp: 258829
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 43.165 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 62 Resp: 279431
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7





#5

Bromomethane

Concen: 45.394 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

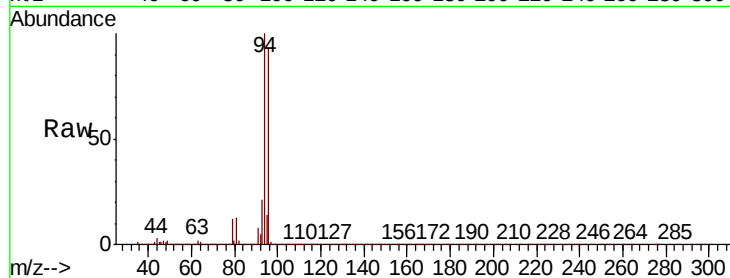
ClientSampleId :

Tot Ion: 94 Resp: 275299

Ion Ratio Lower Upper

94 100

96 93.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

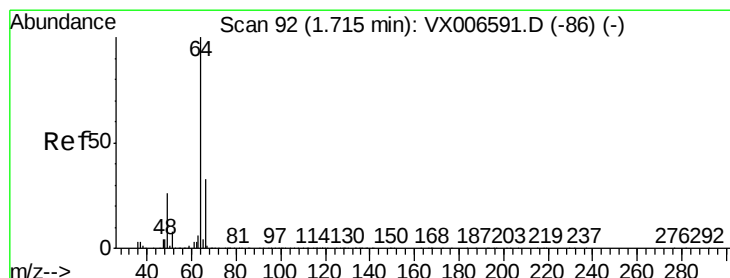
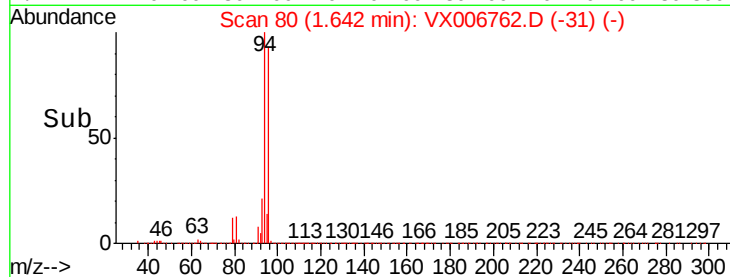
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 40.565 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006762.D

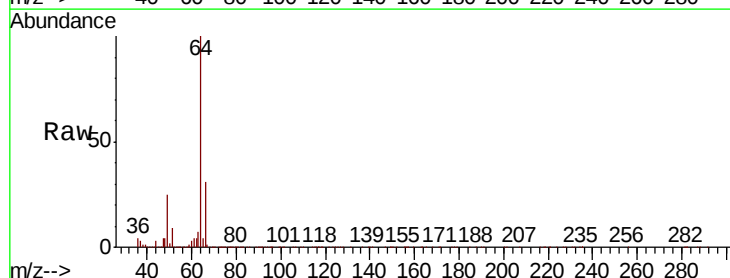
Acq: 22 Dec 2018 10:25

Tgt Ion: 64 Resp: 181827

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

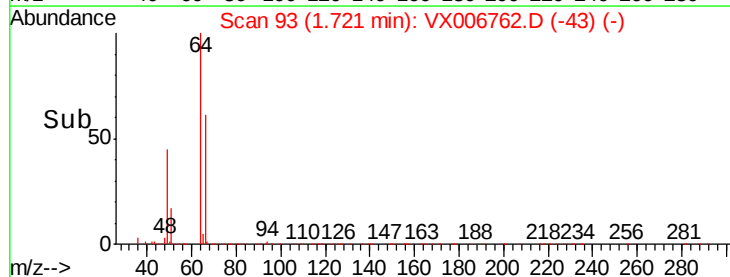
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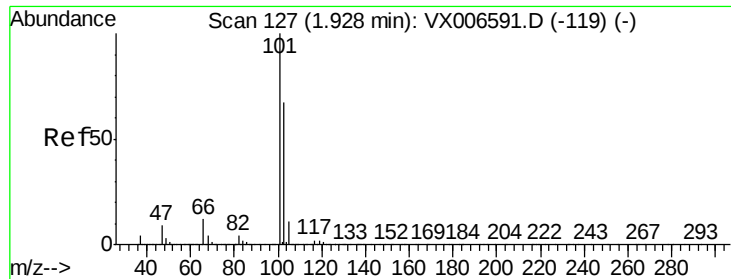
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Time-->



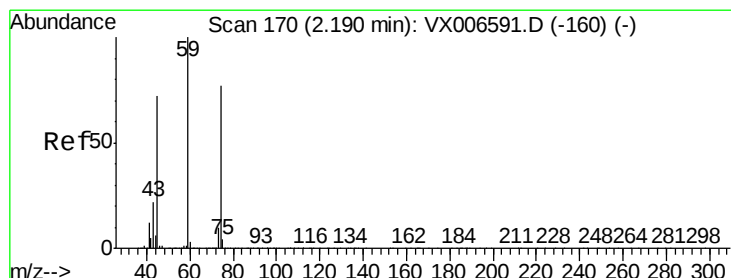
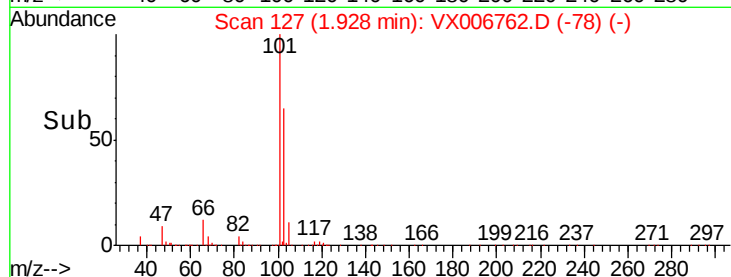
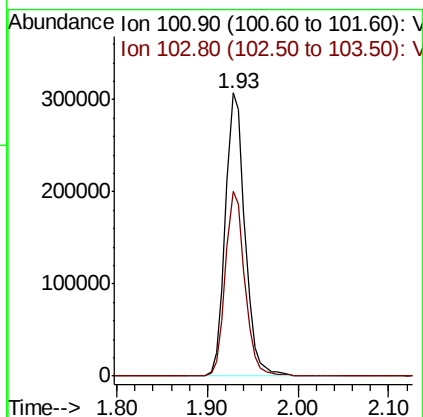
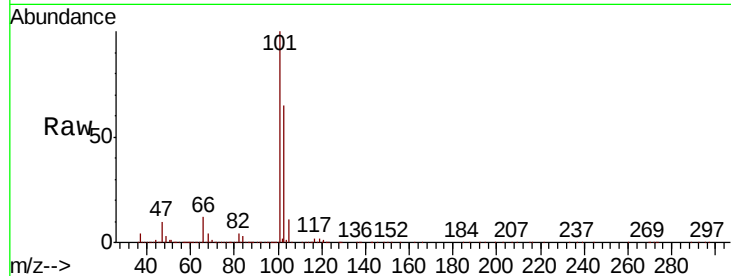


#7

Trichlorofluoromethane
 Concen: 45.768 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :

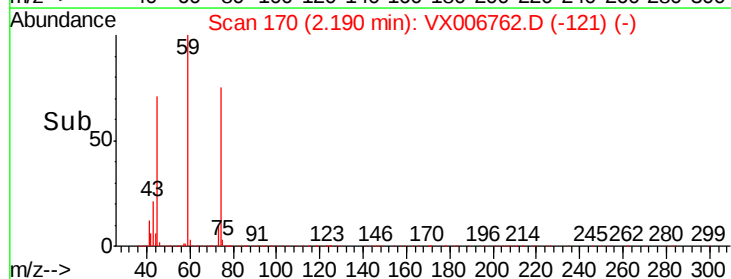
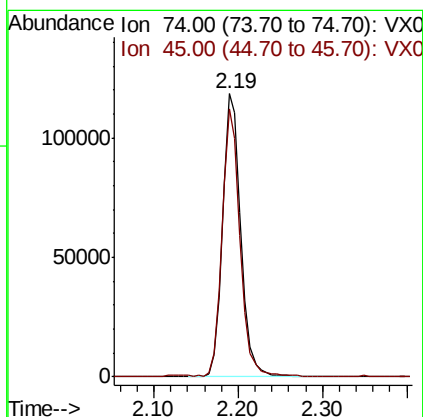
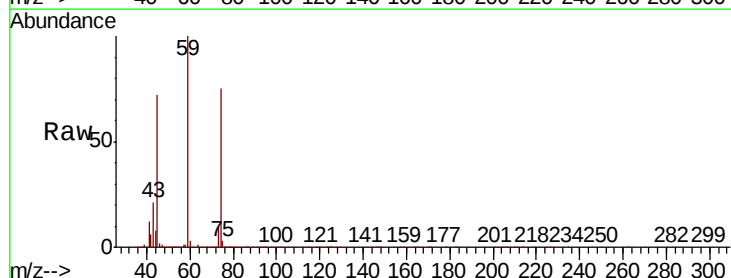
Tot Ion:101 Resp: 461929
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.2 79.8

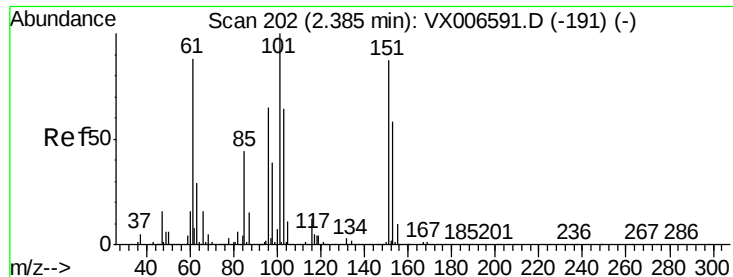


#8

Diethyl Ether
 Concen: 44.014 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion: 74 Resp: 176442
 Ion Ratio Lower Upper
 74 100
 45 92.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.698 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

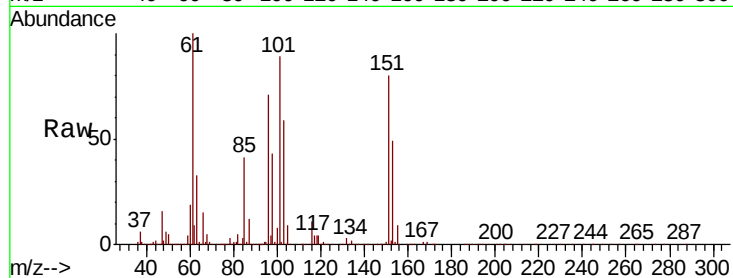
Tot Ion:101 Resp: 282662

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

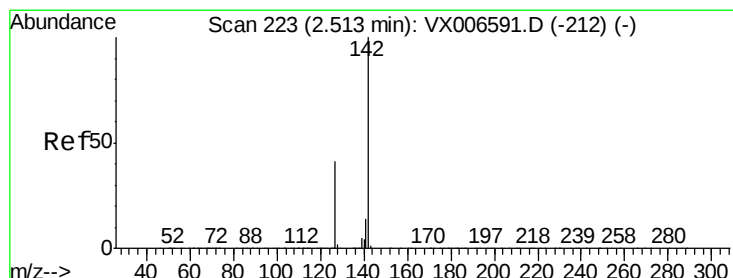
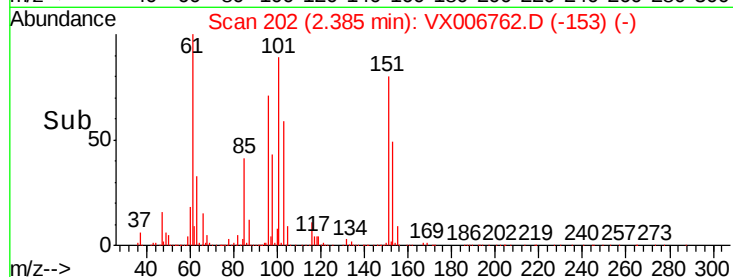
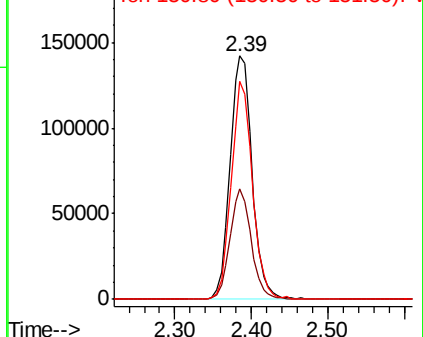
151 86.2 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.173 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

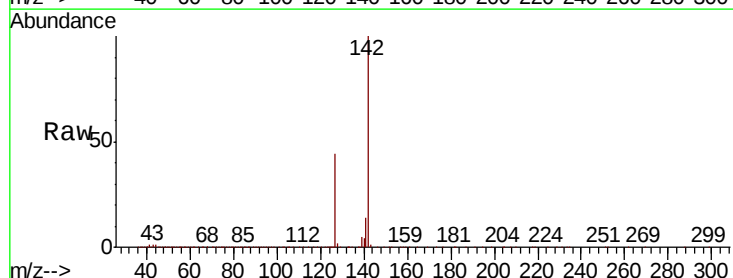
Tgt Ion:142 Resp: 366231

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

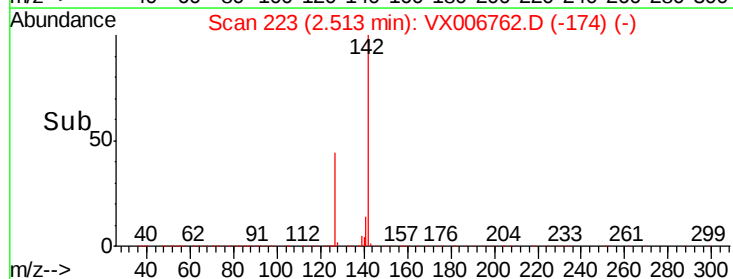
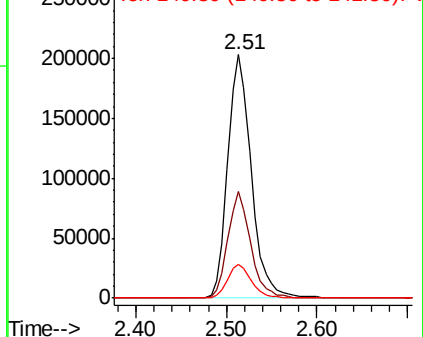
141 14.2 11.4 17.0

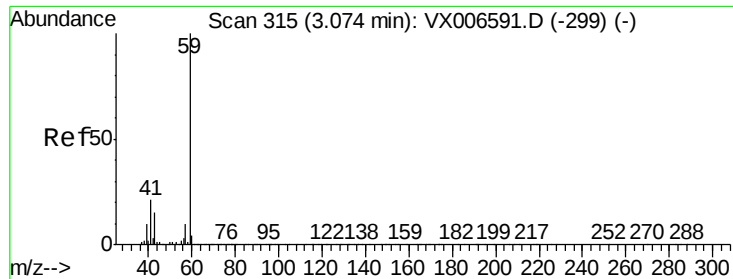


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

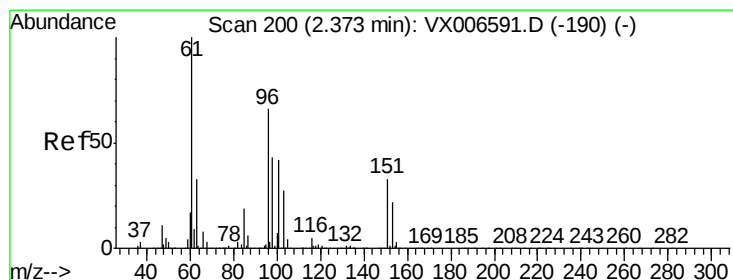
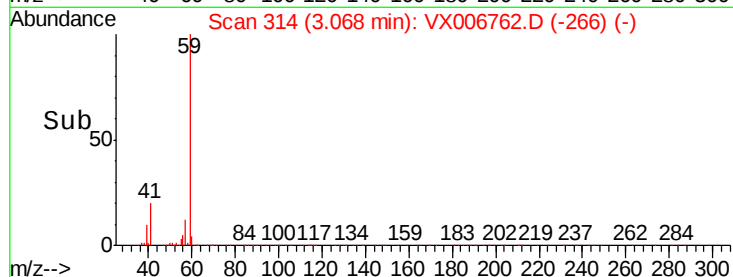
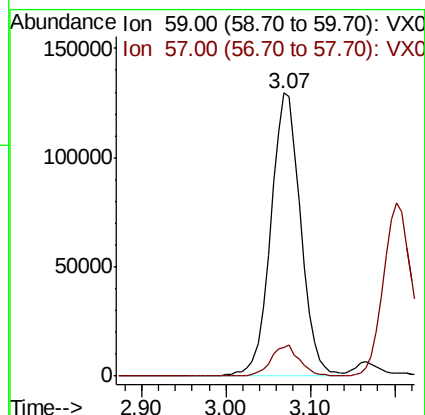
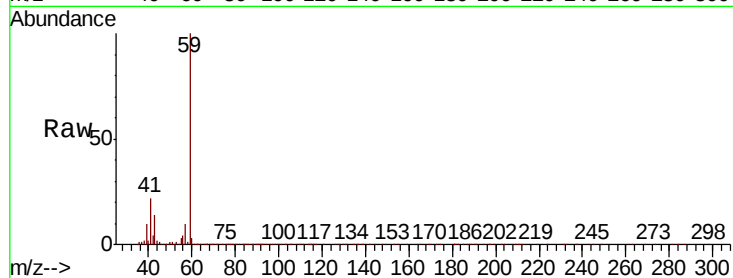




#11
Tert butyl alcohol
Concen: 210.453 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

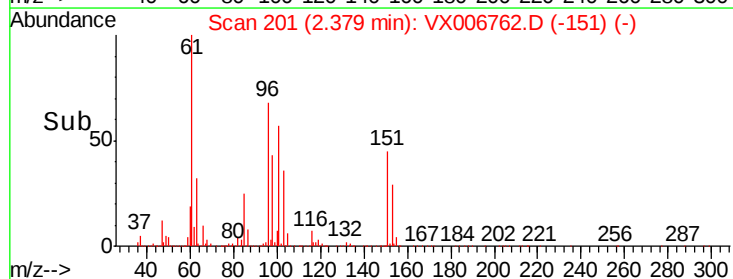
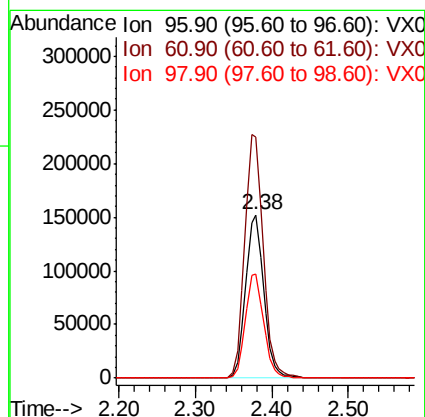
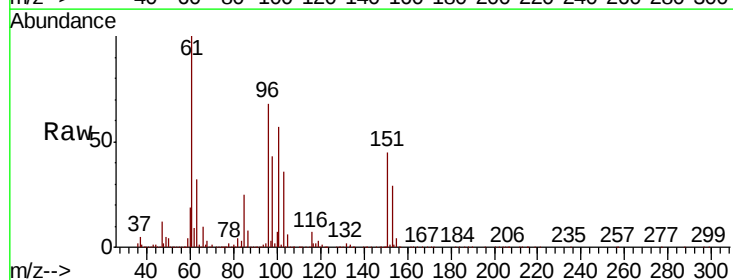
Instrument :
MSVOA_X
ClientSampled :

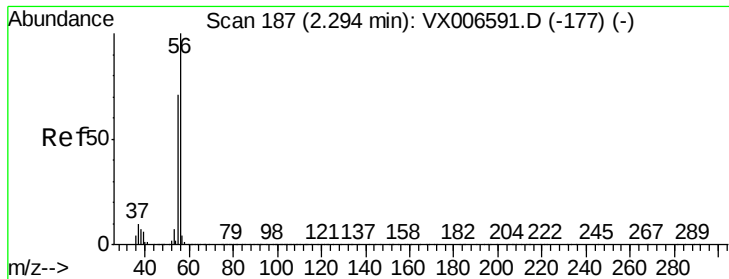
Tot Ion: 59 Resp: 318344
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.002 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 96 Resp: 252864
Ion Ratio Lower Upper
96 100
61 147.5 121.4 182.2
98 63.5 51.9 77.9





#13

Acrolein

Concen: 193.904 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

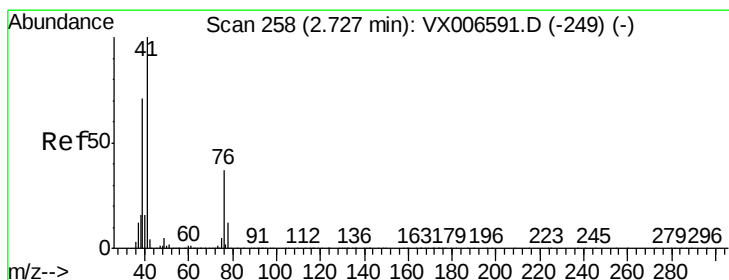
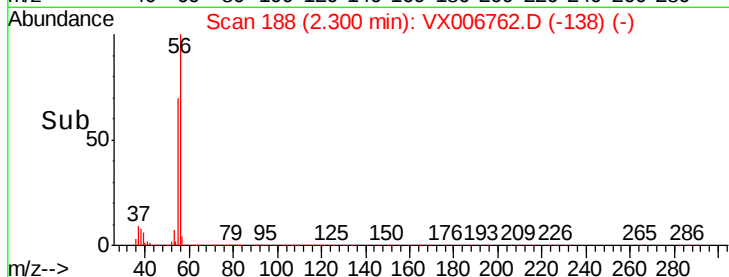
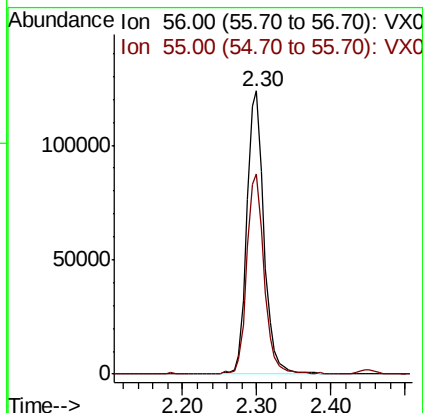
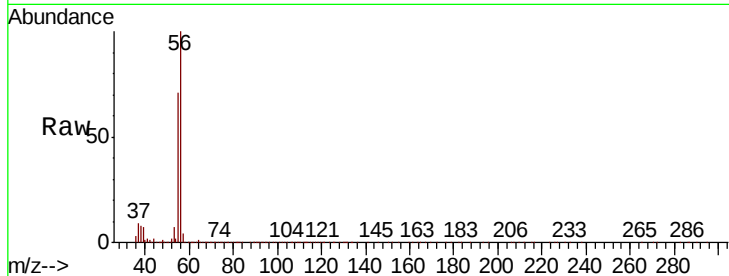
ClientSampled :

Tot Ion: 56 Resp: 197869

Ion Ratio Lower Upper

56 100

55 72.6 58.2 87.4



#14

Allyl chloride

Concen: 45.160 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

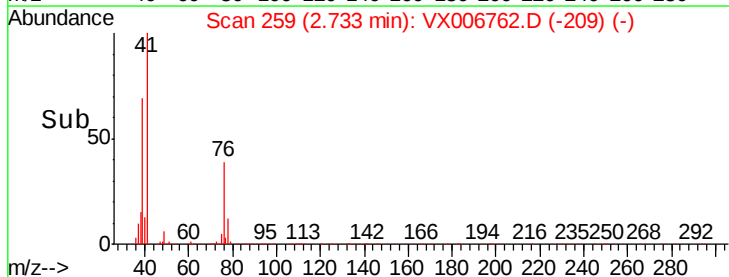
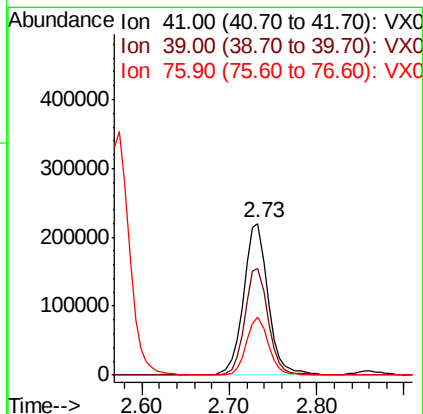
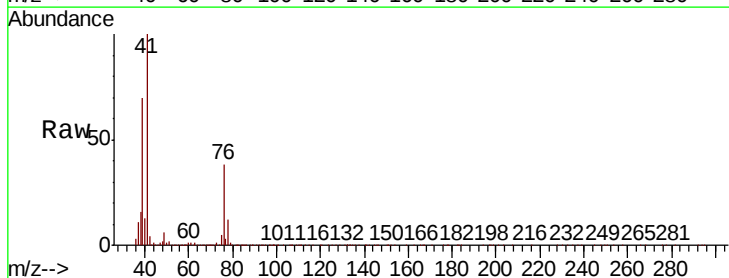
Tgt Ion: 41 Resp: 427125

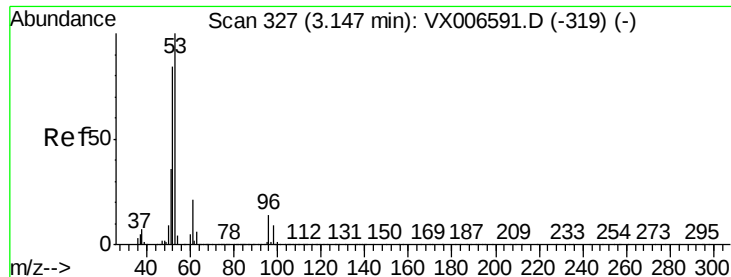
Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 34.3 27.4 41.2





#15

Acrylonitrile

Concen: 228.331 ug/l

RT: 3.15 min Scan# 327

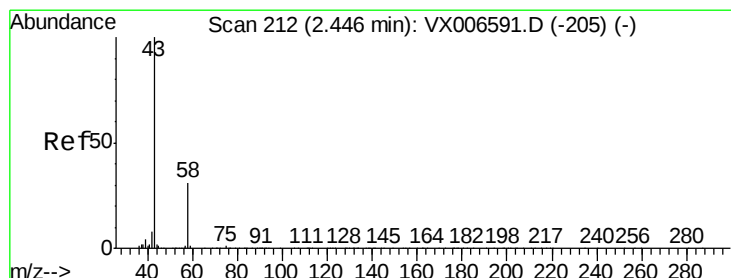
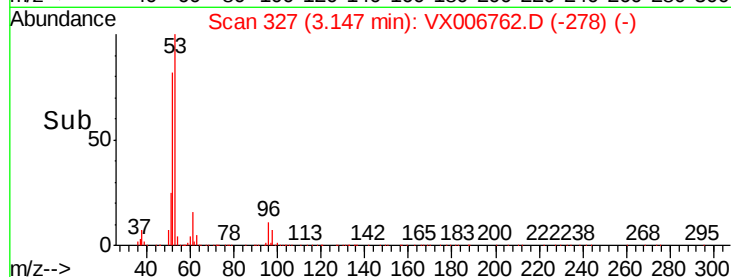
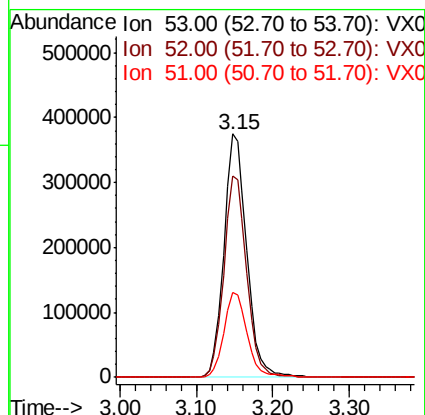
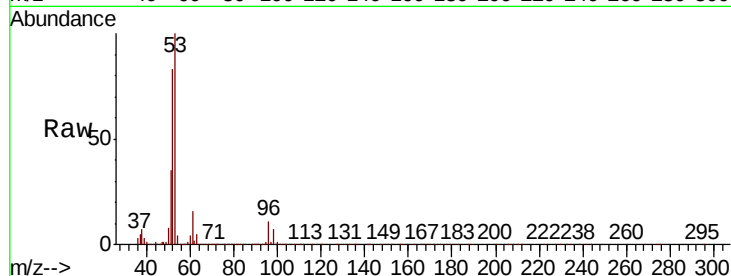
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	766867
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.0	99.0
51	35.7	28.6	42.8



#16

Acetone

Concen: 274.775 ug/l

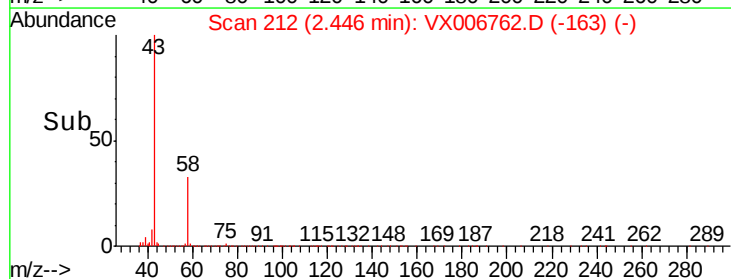
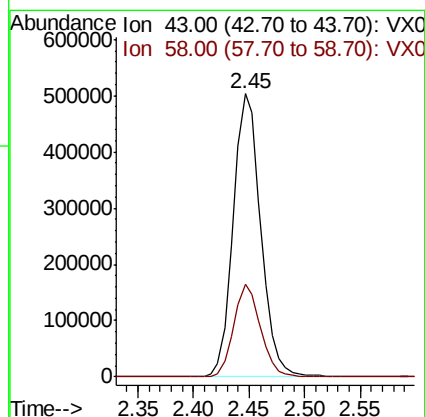
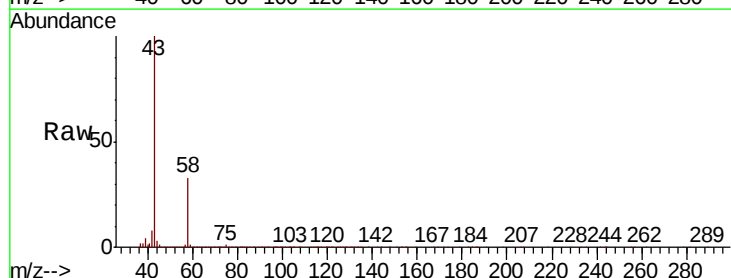
RT: 2.45 min Scan# 212

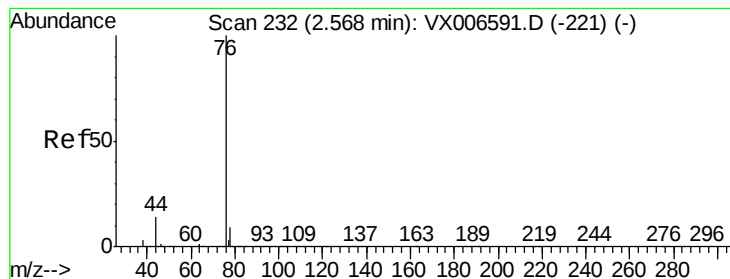
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	43	Resp:	855653
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.0	37.6





#17

Carbon Disulfide

Concen: 40.103 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

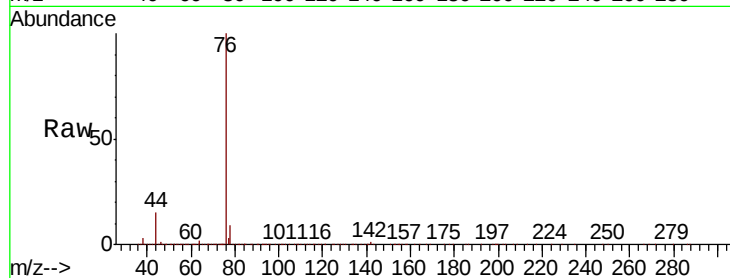
ClientSampleId :

Tot Ion: 76 Resp: 596326

Ion Ratio Lower Upper

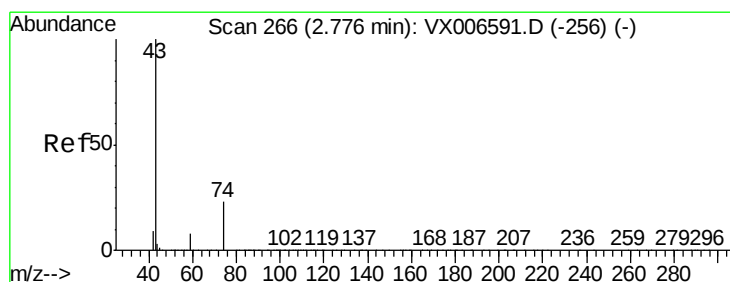
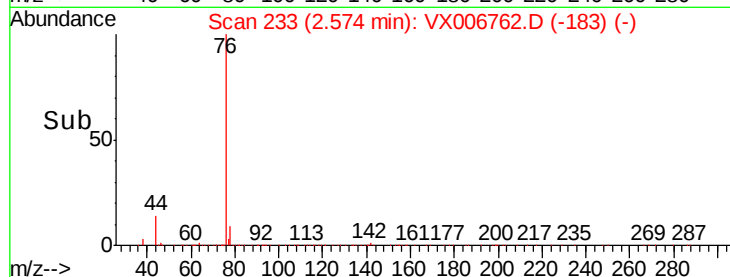
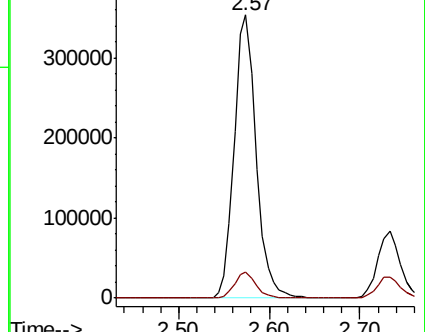
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX006591.D (-221) (-)

Ion 77.90 (77.60 to 78.60): VX006591.D (-221) (-)



#18

Methyl Acetate

Concen: 48.999 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006762.D

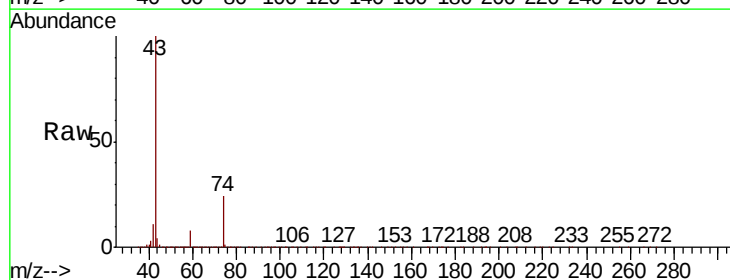
Acq: 22 Dec 2018 10:25

Tgt Ion: 43 Resp: 448671

Ion Ratio Lower Upper

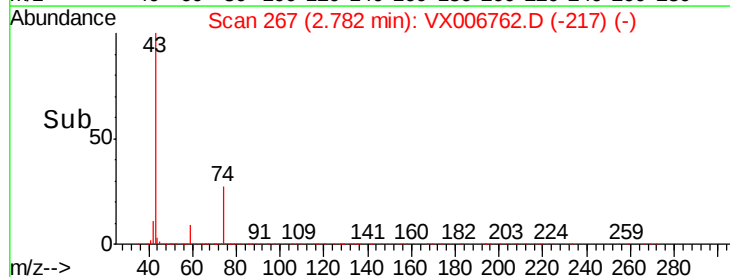
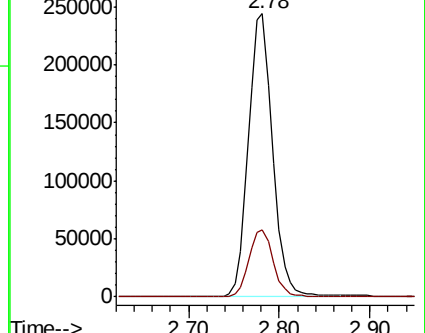
43 100

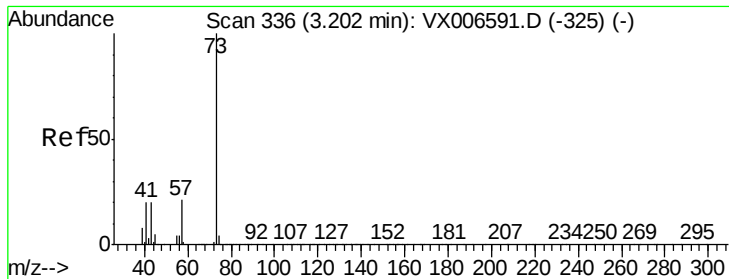
74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX006591.D (-256) (-)

Ion 74.00 (73.70 to 74.70): VX006591.D (-256) (-)

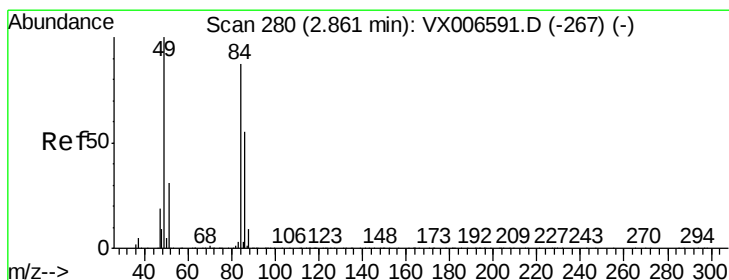
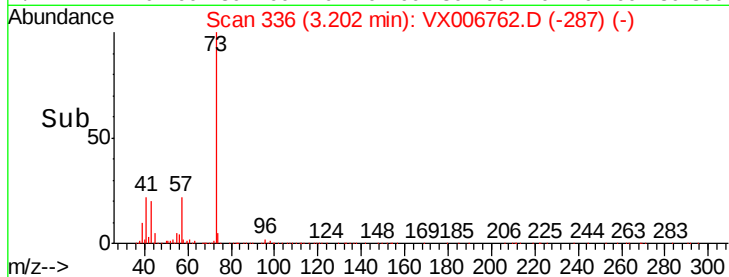
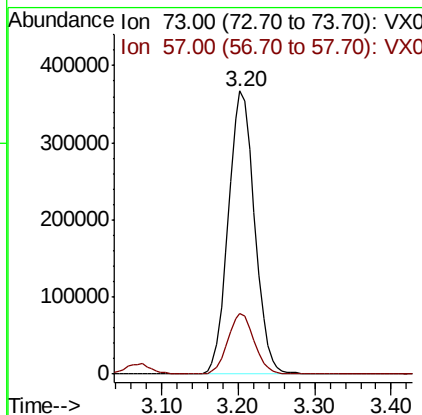
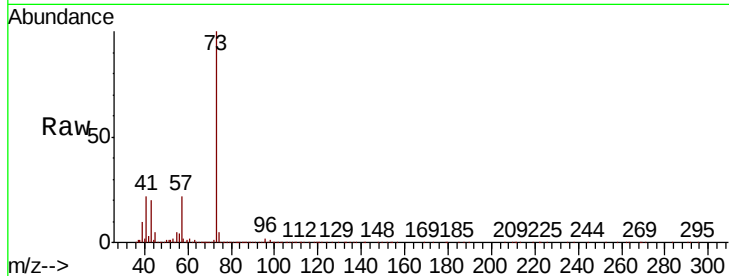




#19
Methvl tert-butvl Ether
Concen: 46.781 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

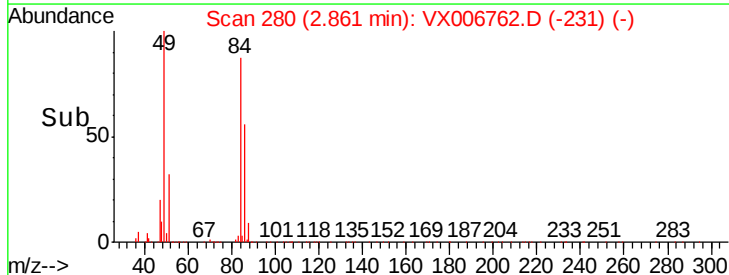
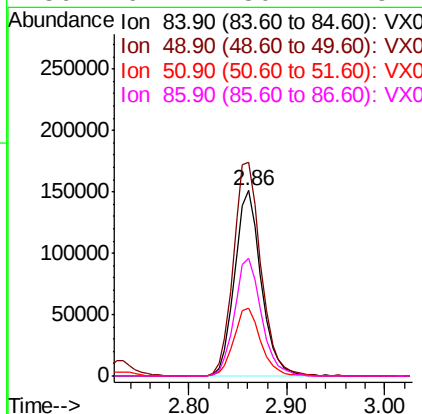
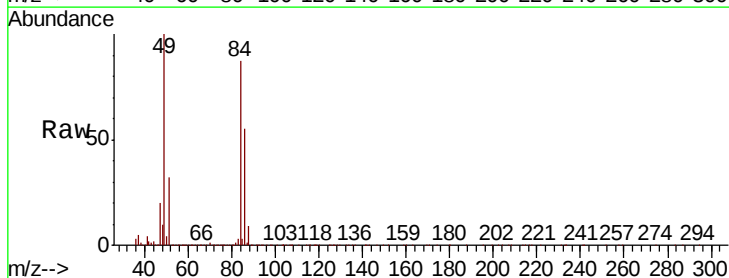
Instrument :
MSVOA_X
ClientSampleId :

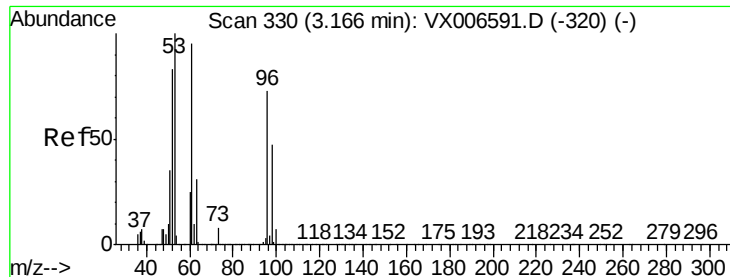
Tot Ion: 73 Resp: 872449
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 43.999 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 84 Resp: 283318
Ion Ratio Lower Upper
84 100
49 115.5 91.8 137.6
51 36.5 28.5 42.7
86 64.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 43.818 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampled :

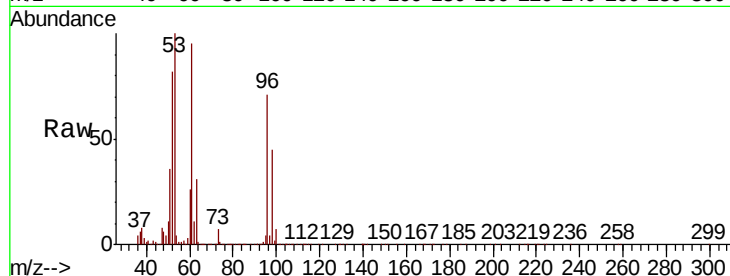
Tot Ion: 96 Resp: 272805

Ion Ratio Lower Upper

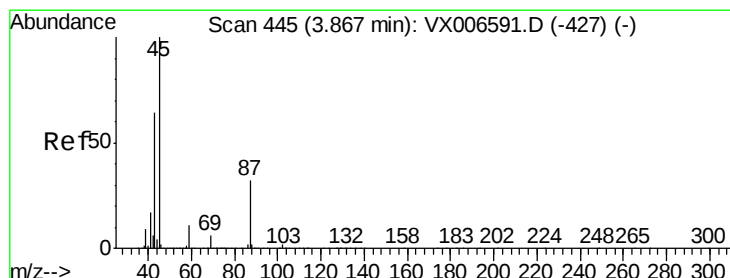
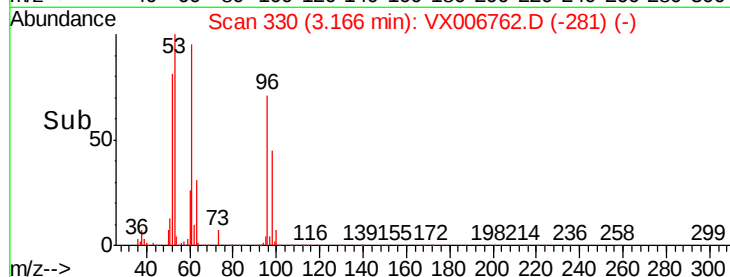
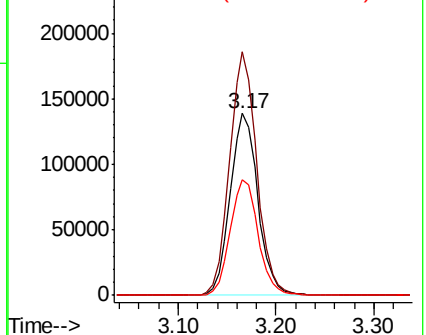
96 100

61 133.6 103.7 155.5

98 63.2 51.0 76.6



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



#22

Diisopropyl ether

Concen: 48.063 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion: 45 Resp: 831643

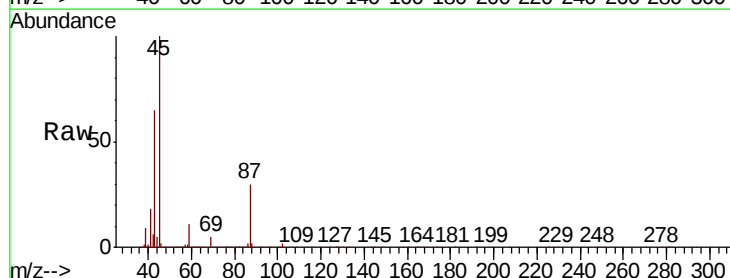
Ion Ratio Lower Upper

45 100

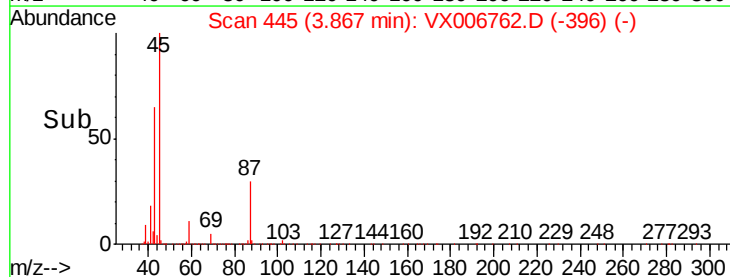
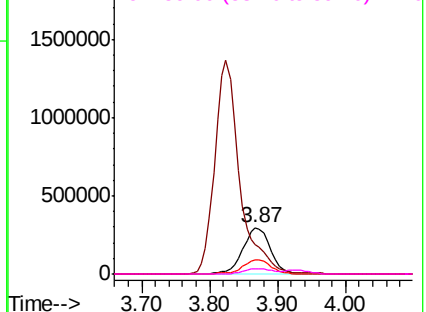
43 64.4 51.2 76.8

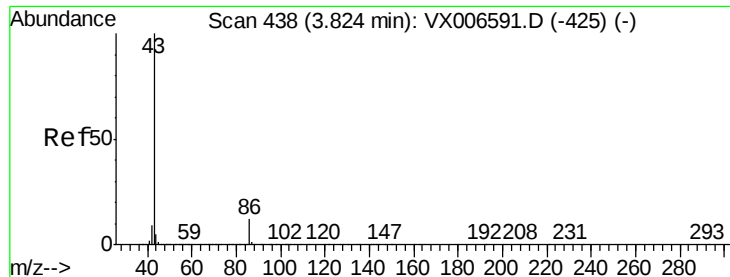
87 30.0 25.8 38.6

59 11.4 9.0 13.4



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





#23

Vinyl Acetate

Concen: 247.573 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

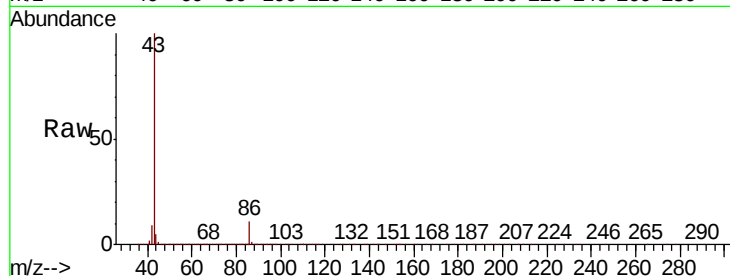
ClientSampleId :

Tot Ion: 43 Resp: 3503998

Ion Ratio Lower Upper

43 100

86 10.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

1000000

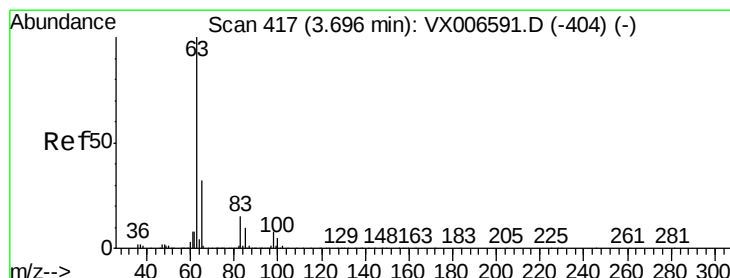
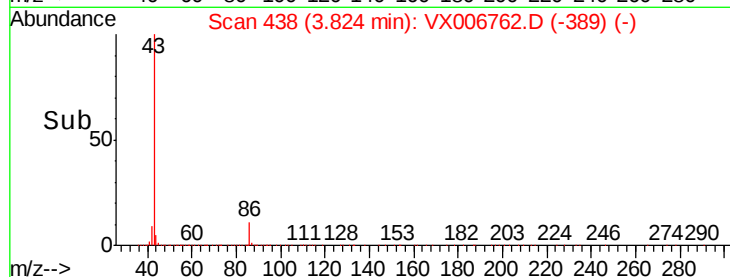
500000

0

3.82

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.916 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

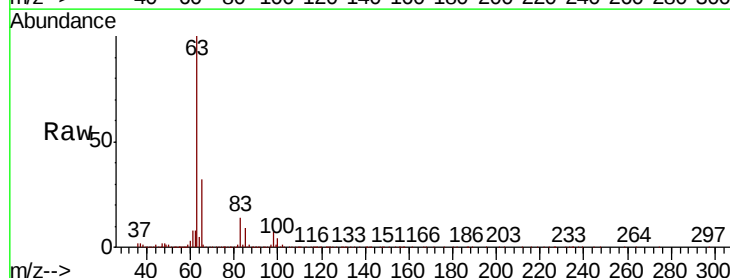
Tgt Ion: 63 Resp: 484598

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

100000

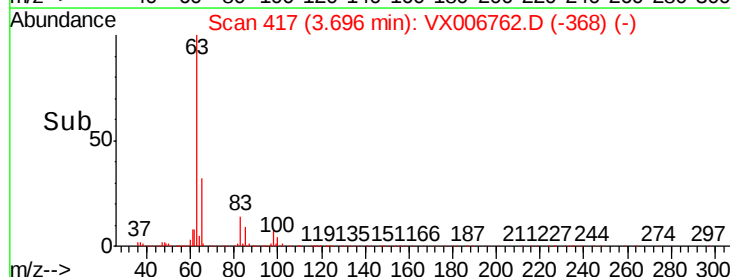
50000

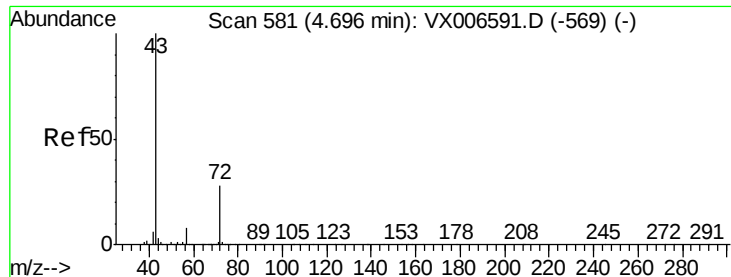
0

3.70

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 245.612 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

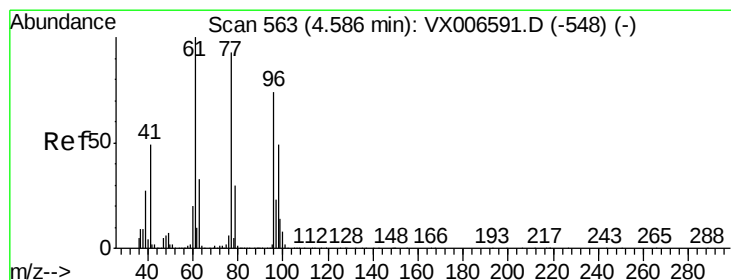
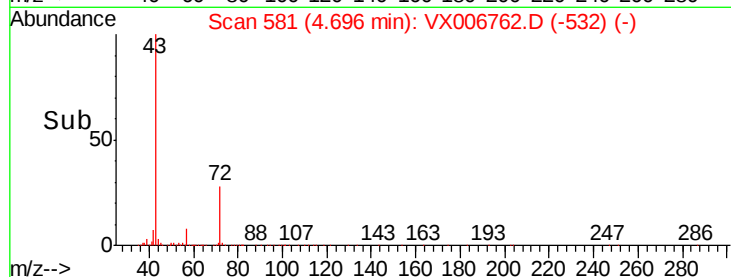
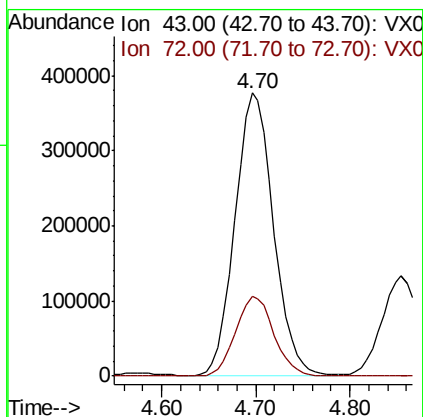
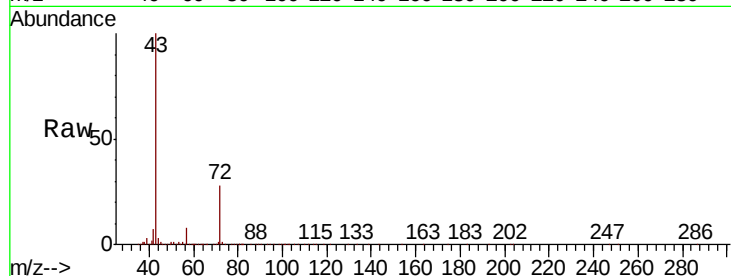
ClientSampleId :

Tot Ion: 43 Resp: 1075841

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 44.497 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006762.D

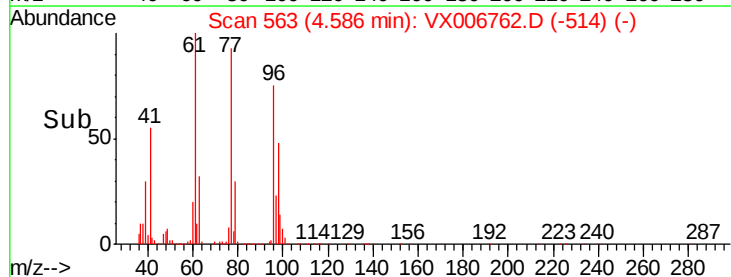
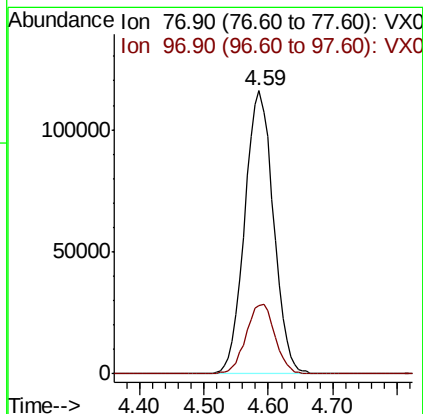
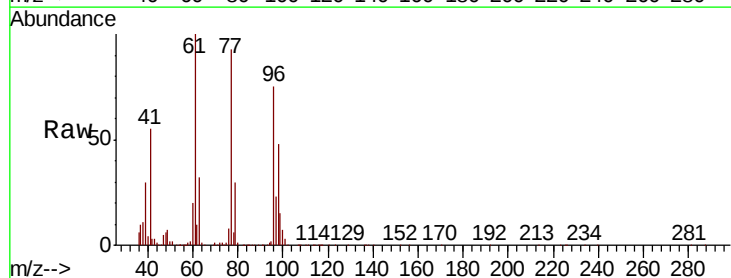
Acq: 22 Dec 2018 10:25

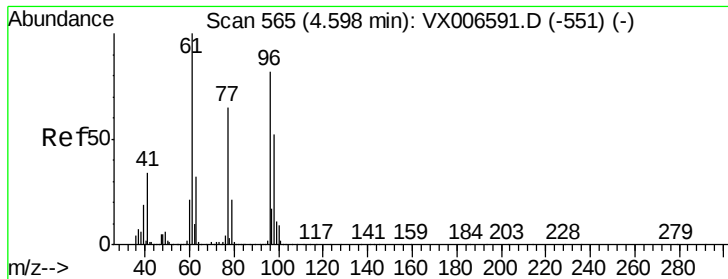
Tgt Ion: 77 Resp: 355035

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



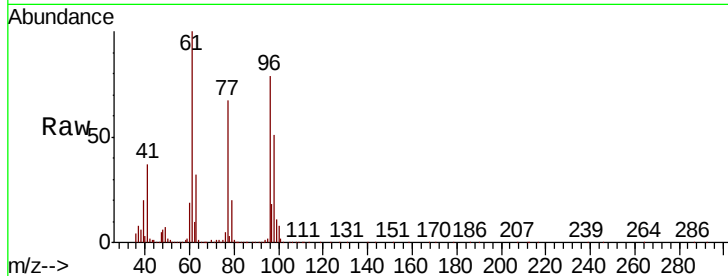


#27

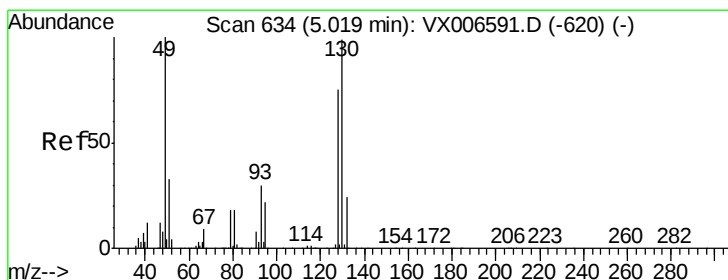
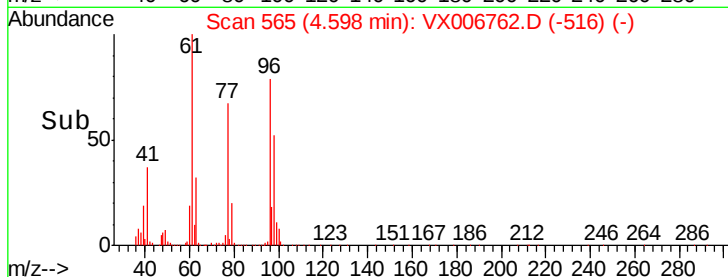
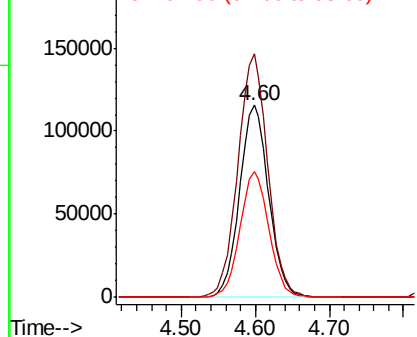
cis-1,2-Dichloroethene
Concen: 46.299 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	258.6
98	65.0	0.0	132.0



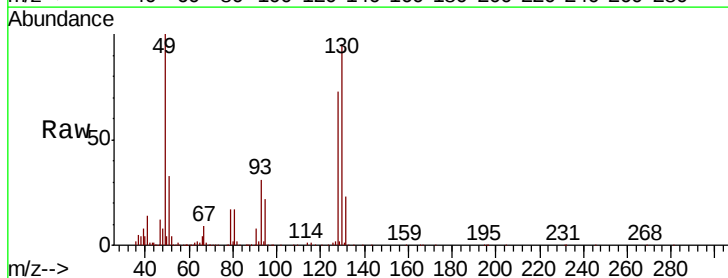
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



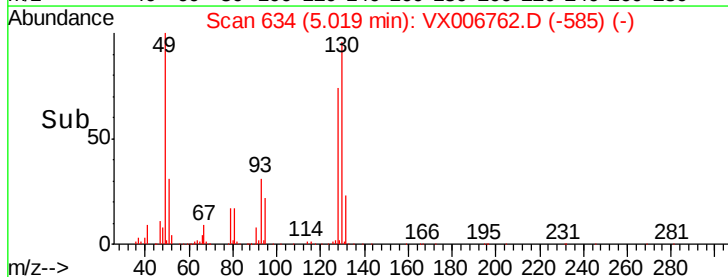
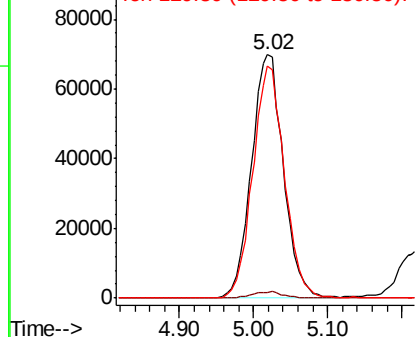
#28

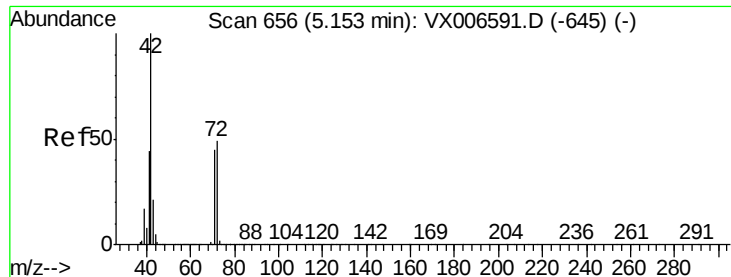
Bromochloromethane
Concen: 47.915 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	94.5	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 231.038 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

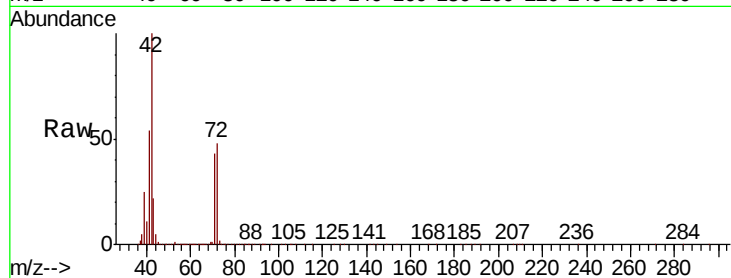
Tot Ion: 42 Resp: 666539

Ion Ratio Lower Upper

42 100

72 47.5 38.9 58.3

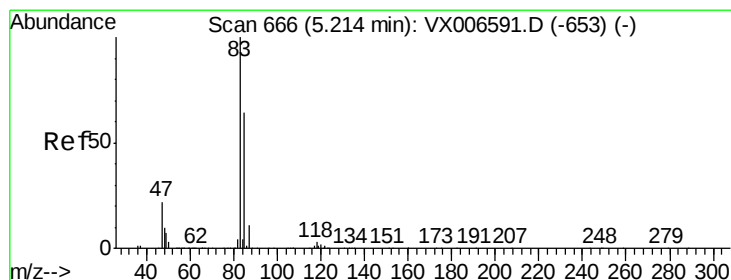
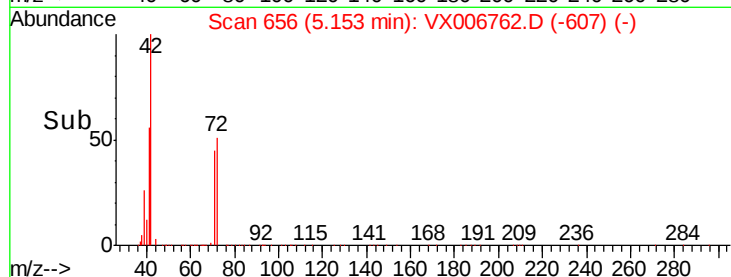
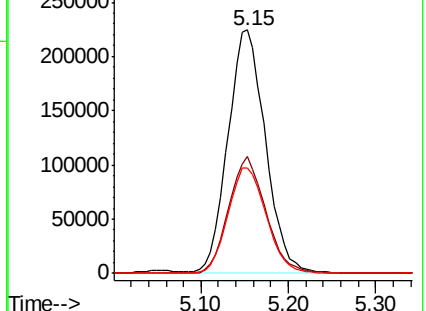
71 44.4 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.837 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006762.D

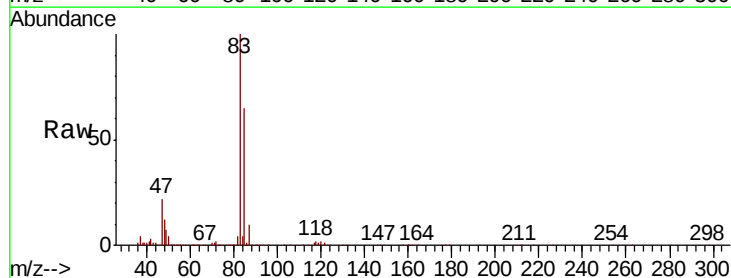
Acq: 22 Dec 2018 10:25

Tgt Ion: 83 Resp: 500990

Ion Ratio Lower Upper

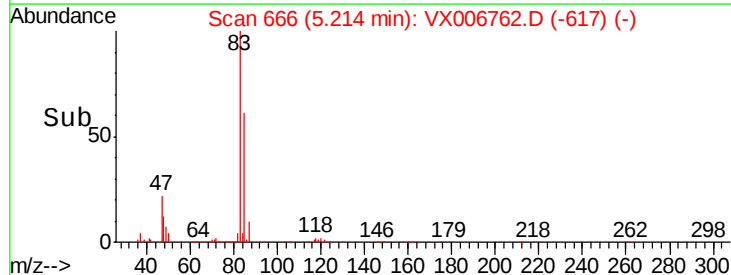
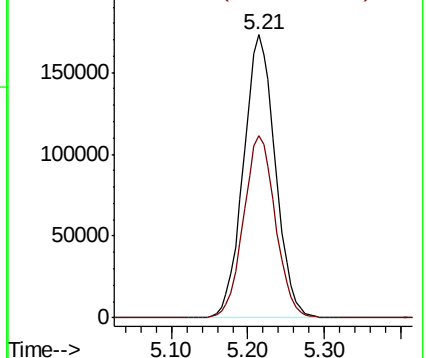
83 100

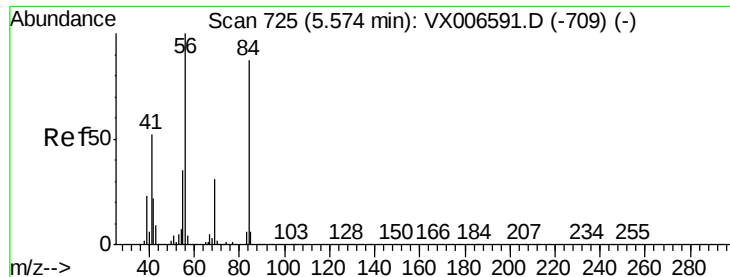
85 64.4 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

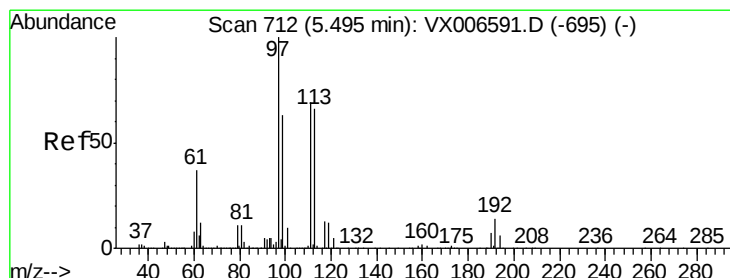
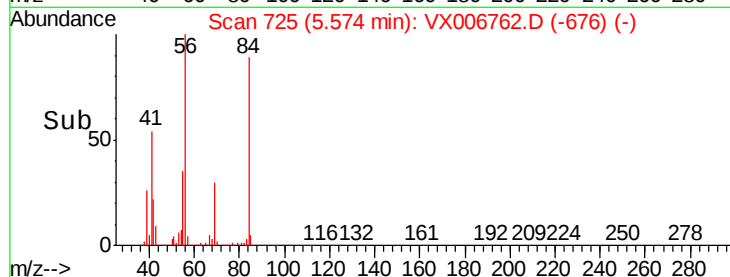
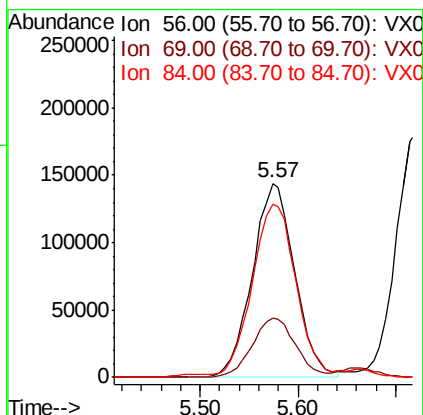
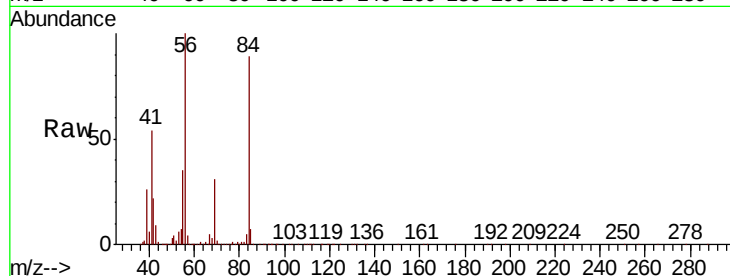




#31
Cyclohexane
Concen: 46.124 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

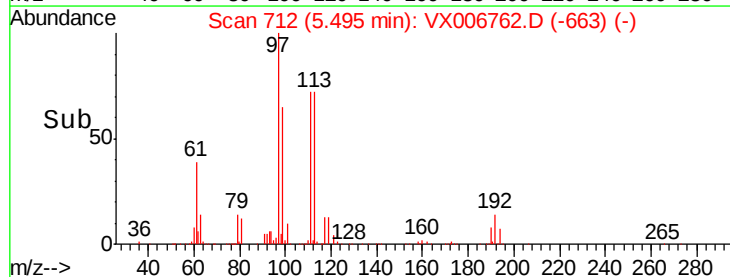
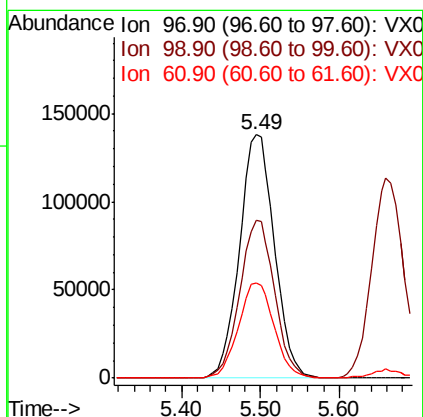
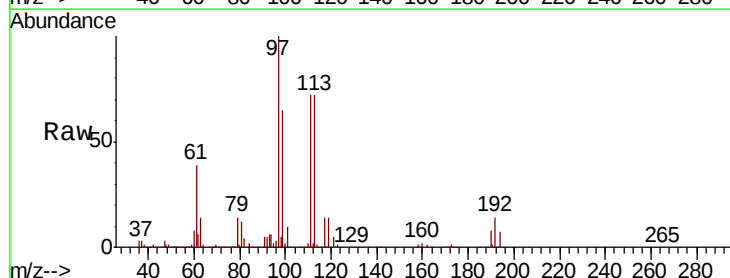
Instrument :
MSVOA_X
ClientSampleId :

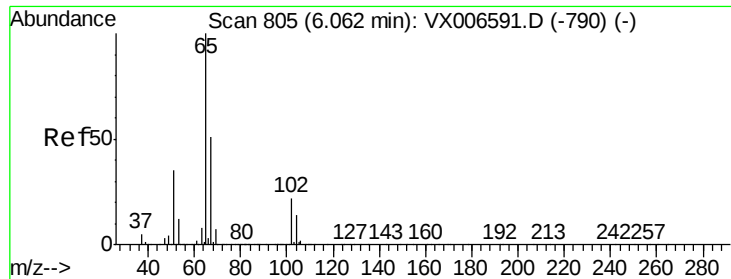
Tot Ion: 56 Resp: 432815
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 87.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.024 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 97 Resp: 424715
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 40.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.989 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

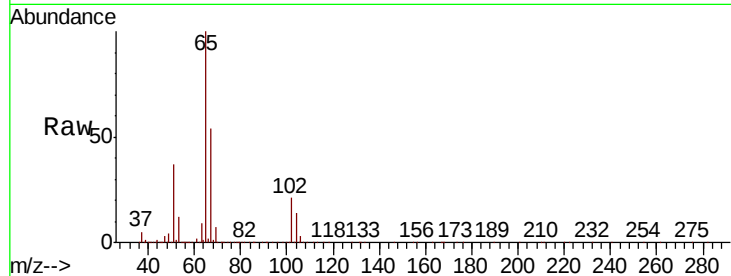
ClientSampled :

Tot Ion: 65 Resp: 325269

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

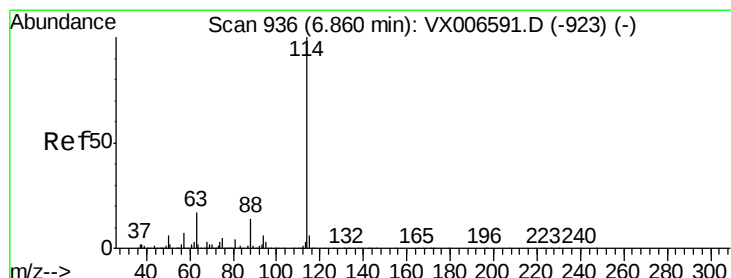
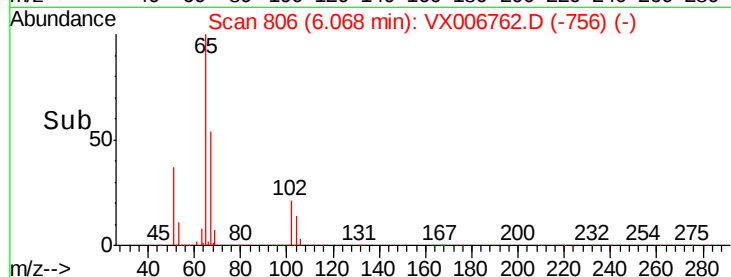
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

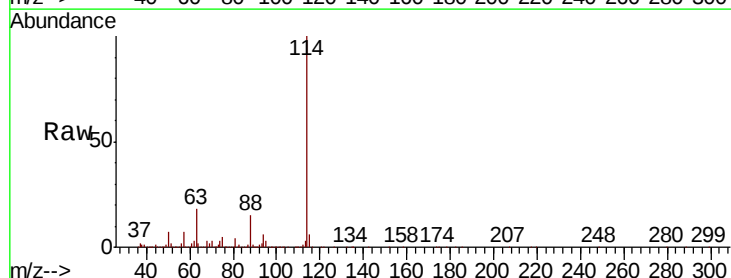
Tgt Ion: 114 Resp: 935851

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.7 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

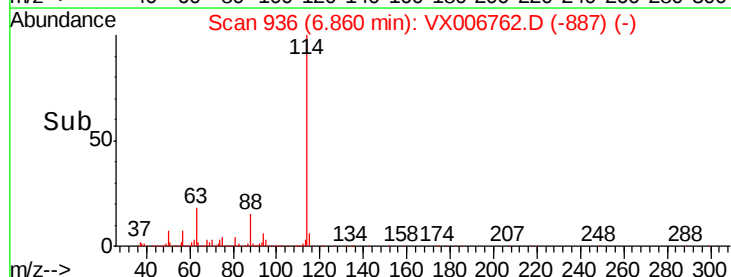
200000

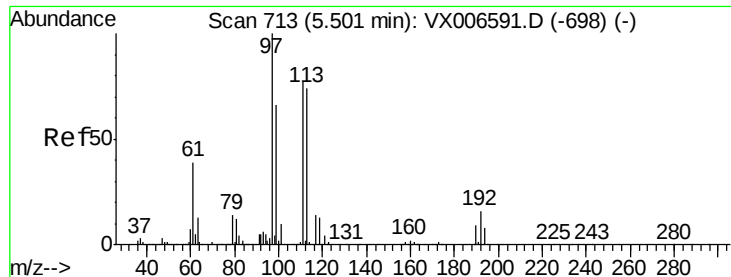
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.752 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampled :

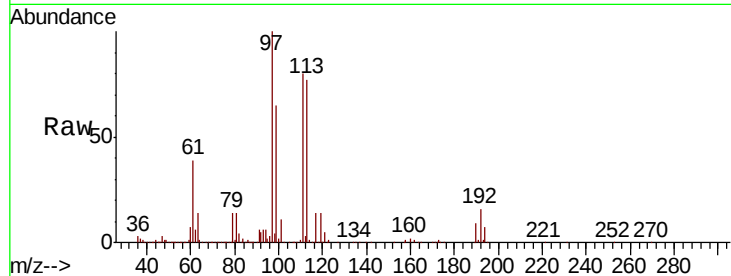
Tot Ion:113 Resp: 300359

Ion Ratio Lower Upper

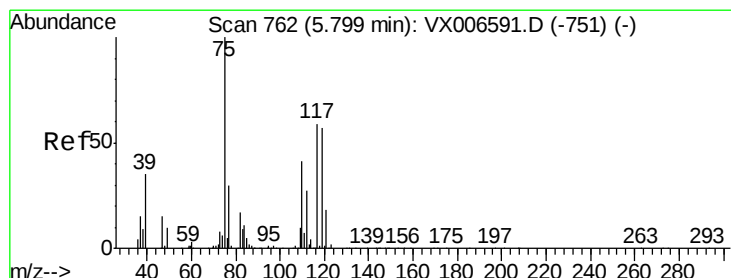
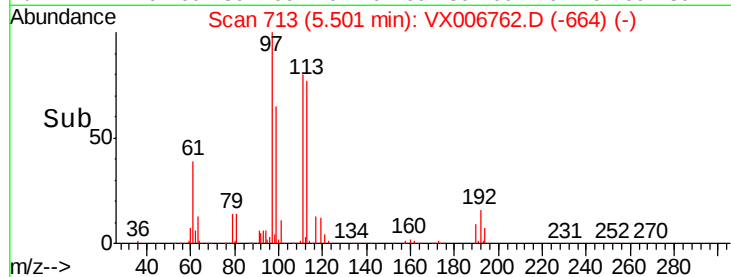
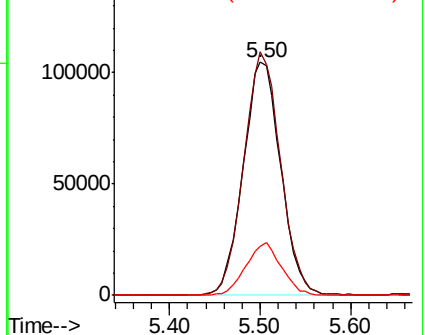
113 100

111 101.9 81.6 122.4

192 21.6 16.7 25.1



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



#36

1,1-Dichloropropene

Concen: 48.426 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

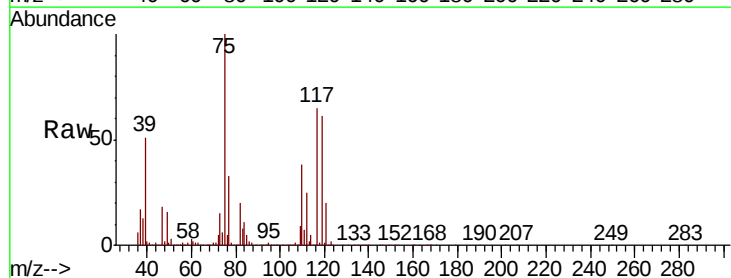
Tgt Ion: 75 Resp: 375350

Ion Ratio Lower Upper

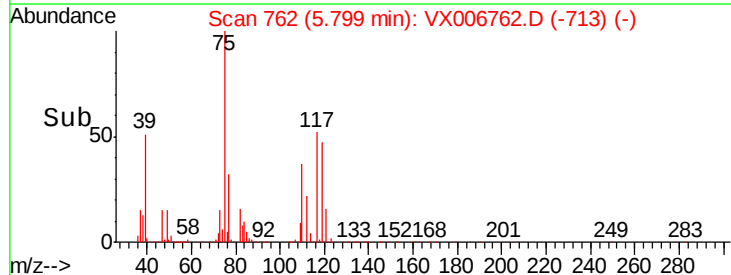
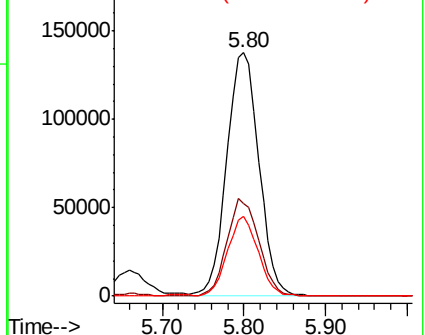
75 100

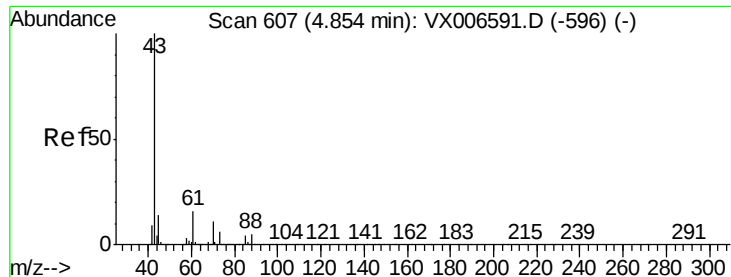
110 39.7 20.2 60.5

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

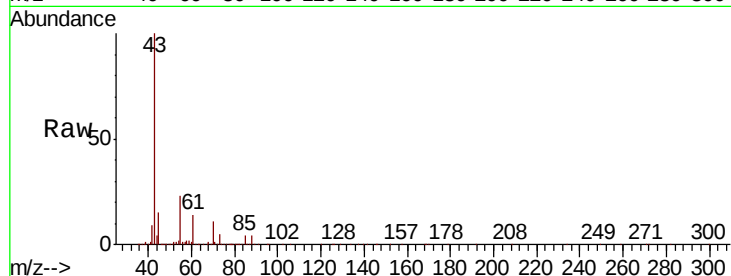




#37
Ethyl Acetate
Concen: 47.331 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	11.5	9.7	14.5

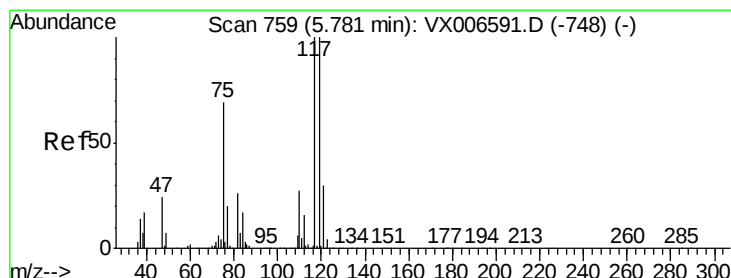
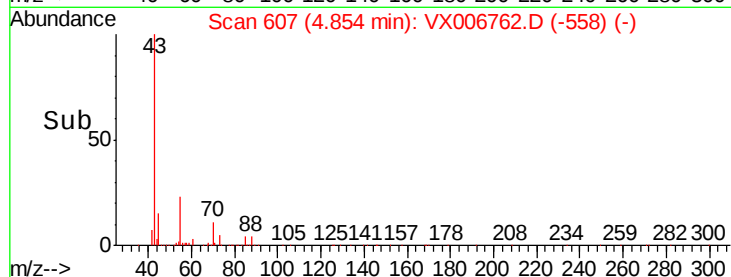
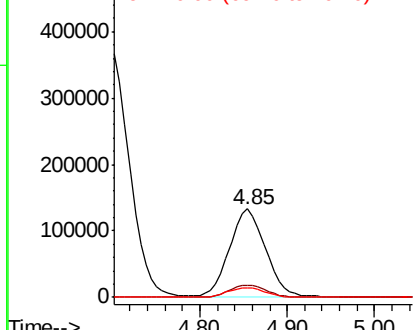


Abundance

Ion 43.00 (42.70 to 43.70): VX0

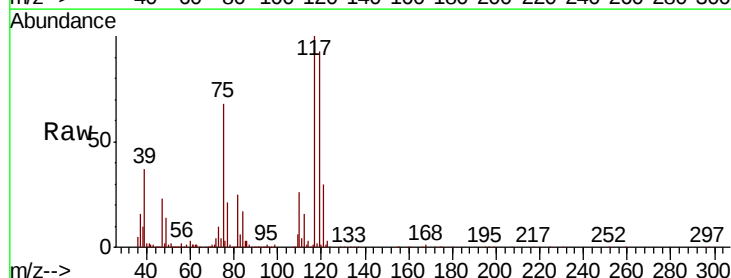
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 49.079 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	79.4	119.2
121	30.1	24.0	36.0

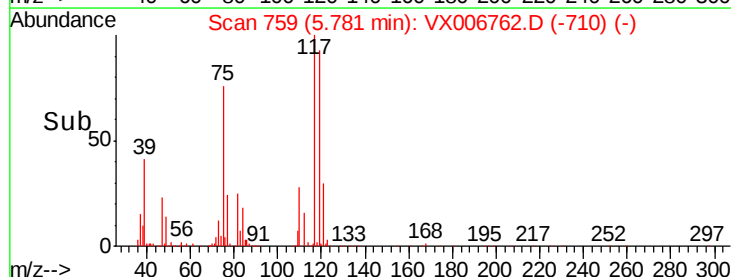
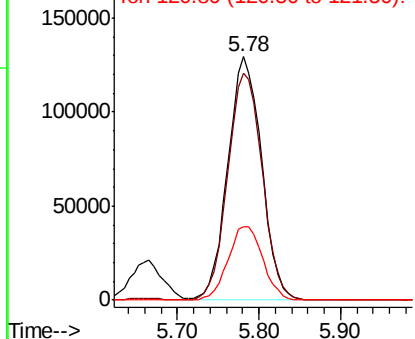


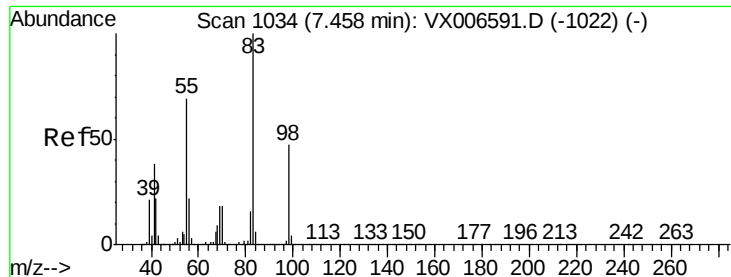
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

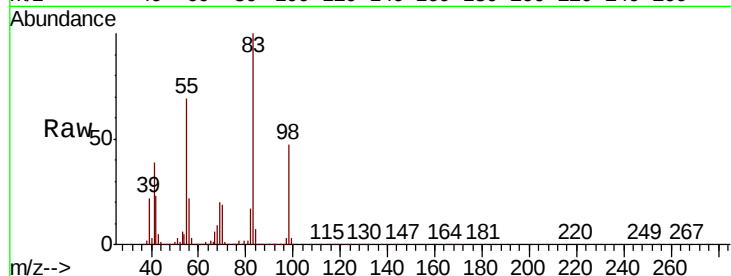




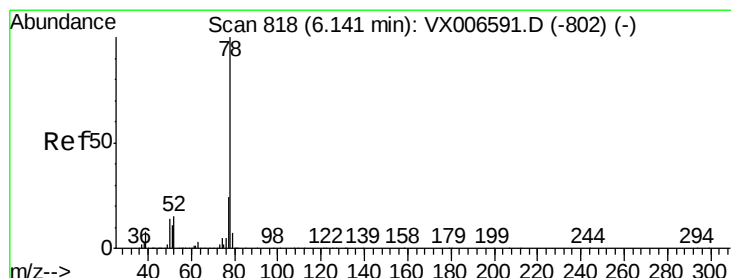
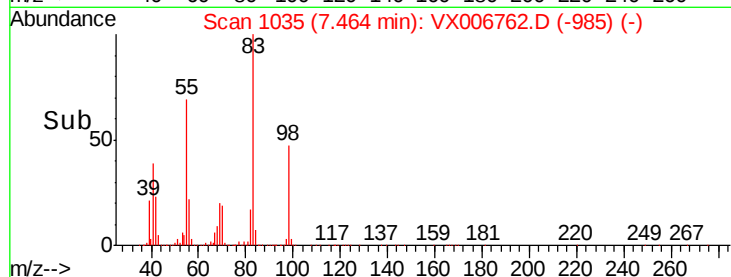
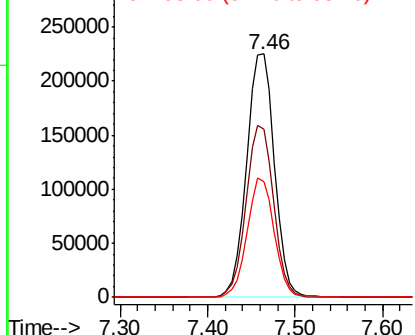
#39
Methvlcvclohexane
Concen: 48.873 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 498724
Ion Ratio Lower Upper
83 100
55 69.2 54.9 82.3
98 47.4 37.9 56.9

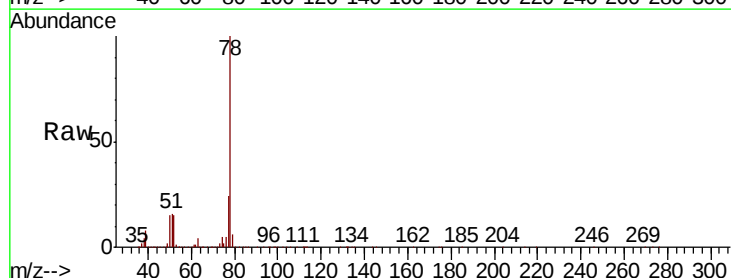


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

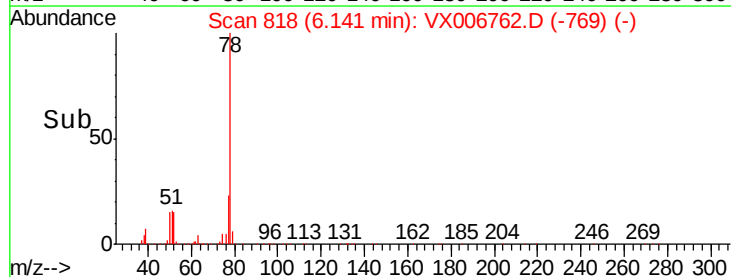
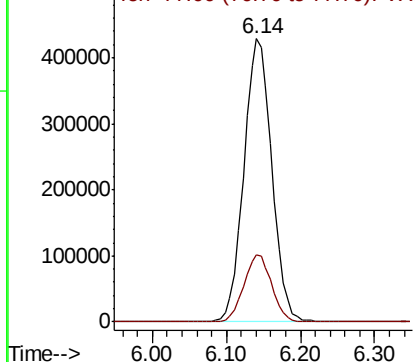


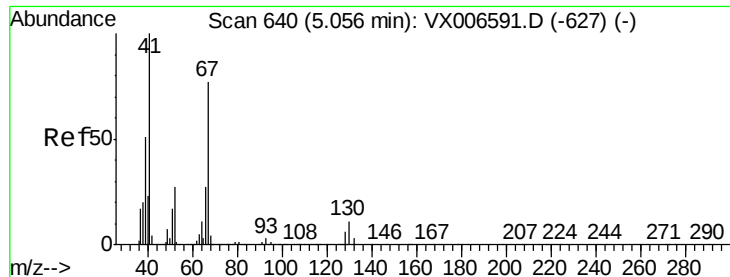
#40
Benzene
Concen: 47.764 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 78 Resp: 1125352
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



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





#41

Methacrylonitrile

Concen: 50.276 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 215338

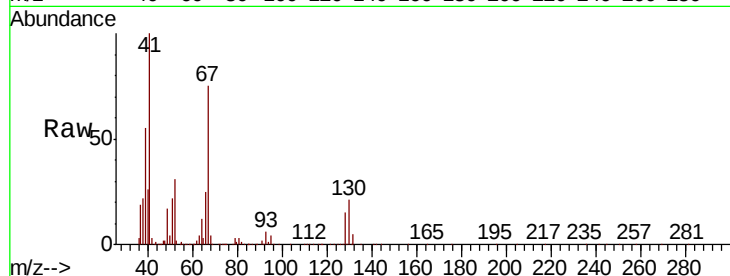
Ion Ratio Lower Upper

41 100

39 55.4 42.8 64.2

67 77.1 62.1 93.1

52 30.2 23.4 35.0

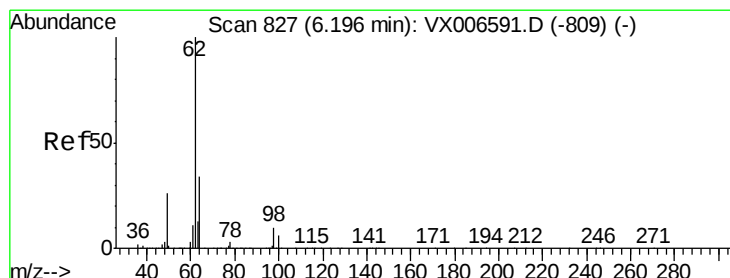
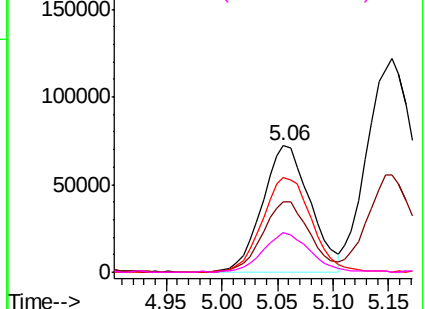
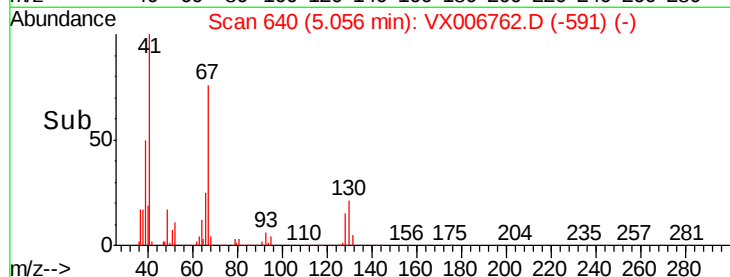


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.514 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006762.D

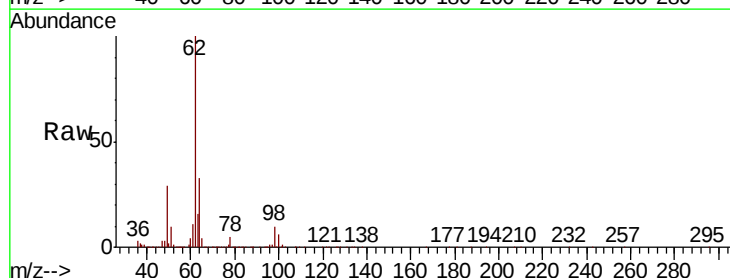
Acq: 22 Dec 2018 10:25

Tgt Ion: 62 Resp: 373434

Ion Ratio Lower Upper

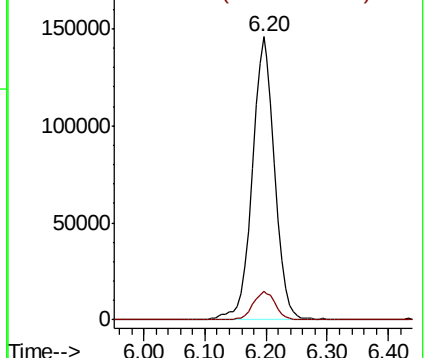
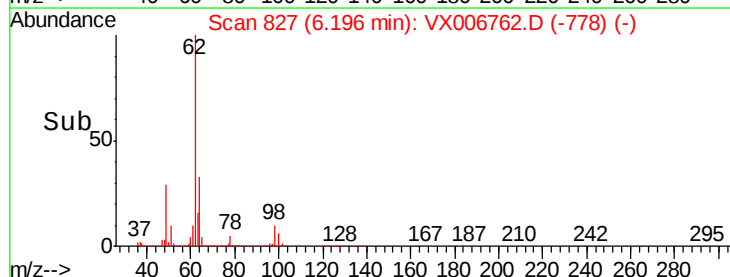
62 100

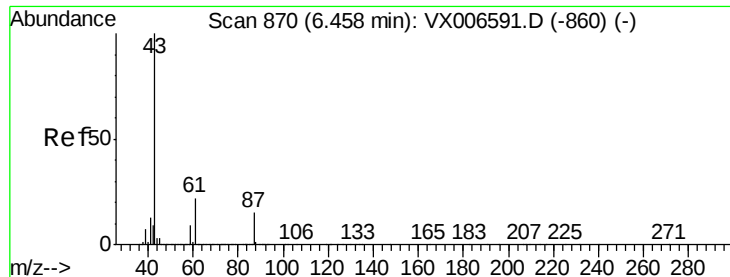
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



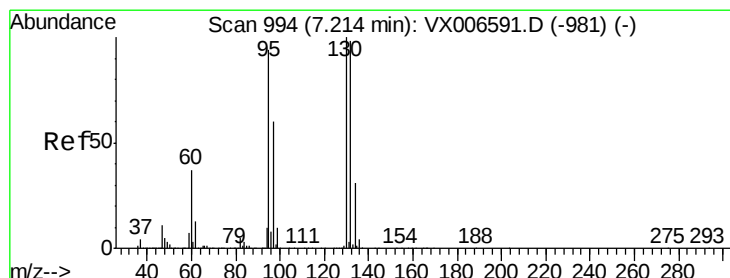
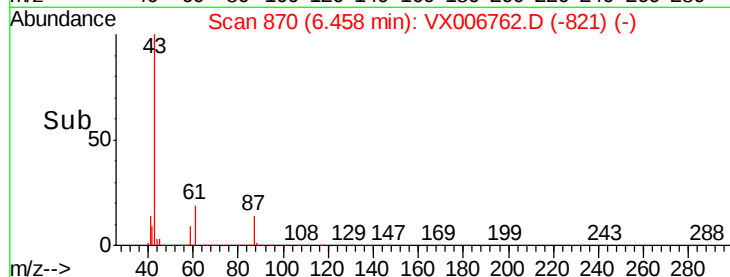
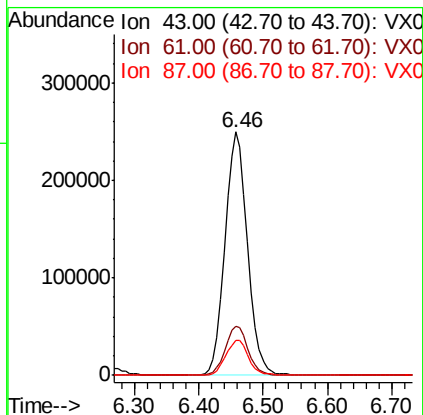
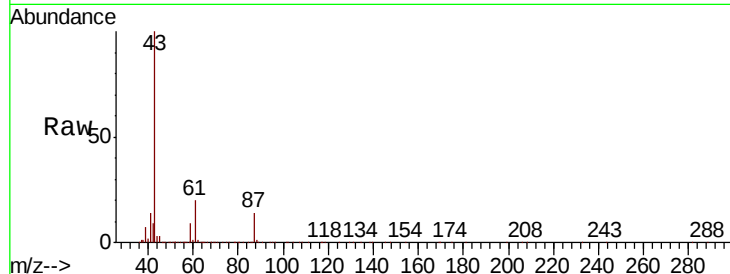


#43

Isopropyl Acetate
 Concen: 49.919 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :

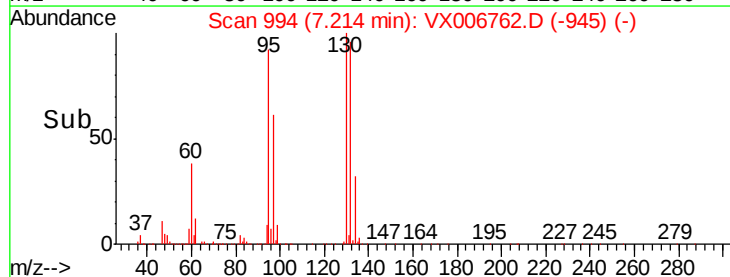
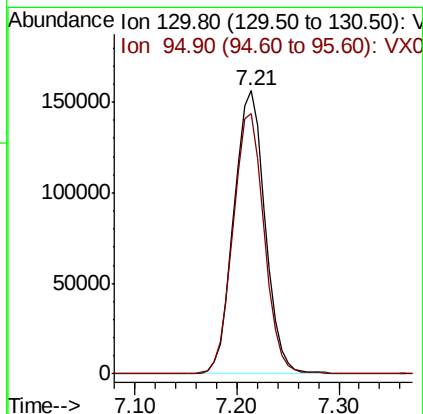
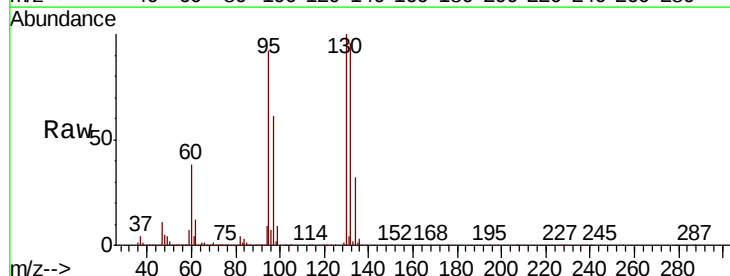
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.7	12.4	18.6

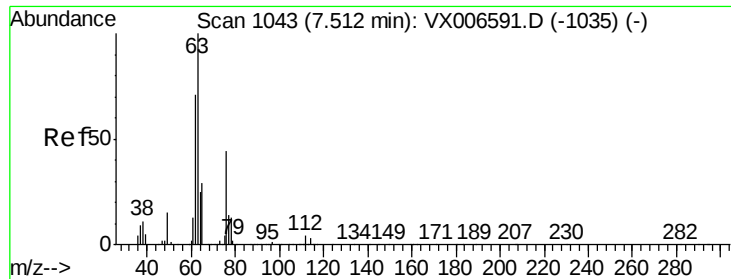


#44

Trichloroethene
 Concen: 46.512 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.455 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

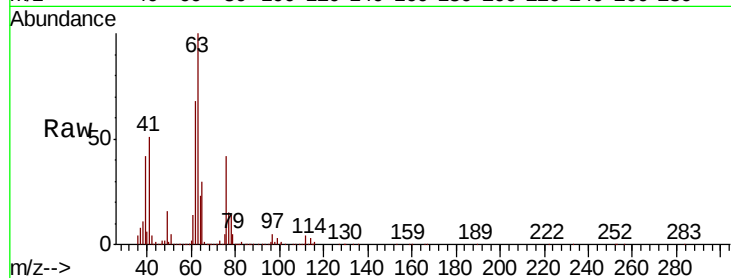
ClientSampleId :

Tot Ion: 63 Resp: 283548

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

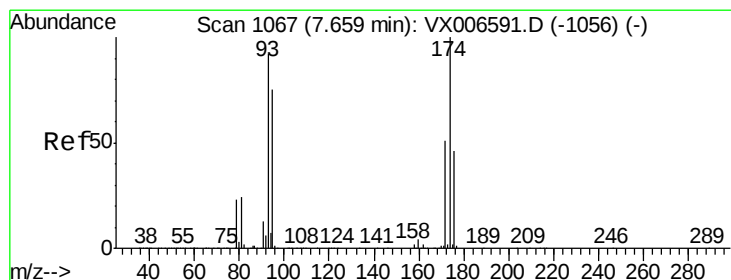
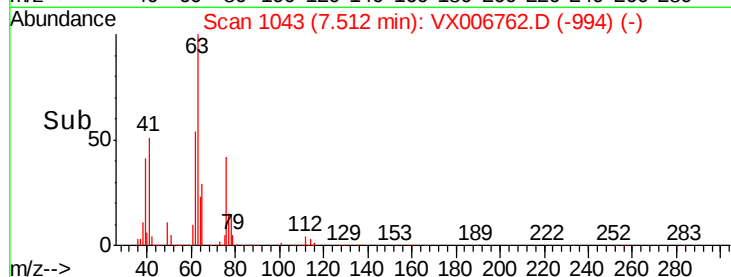
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 47.662 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

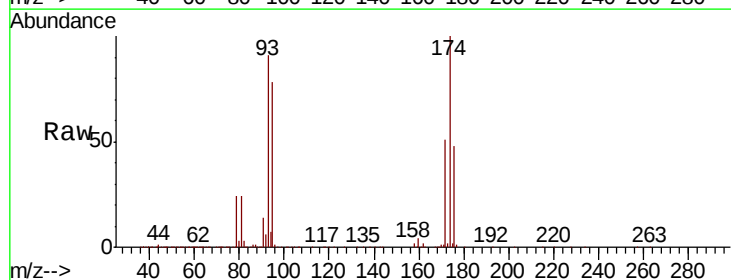
Tgt Ion: 93 Resp: 201004

Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 112.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

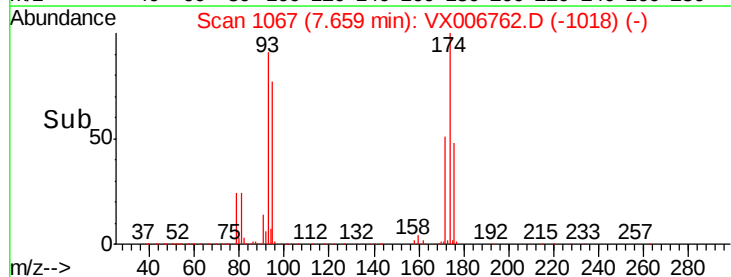
150000

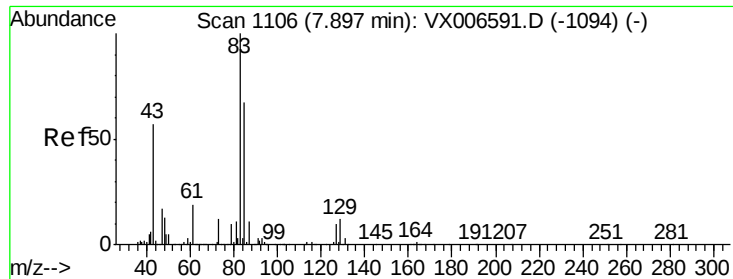
100000

50000

0

Time--> 7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 49.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampled :

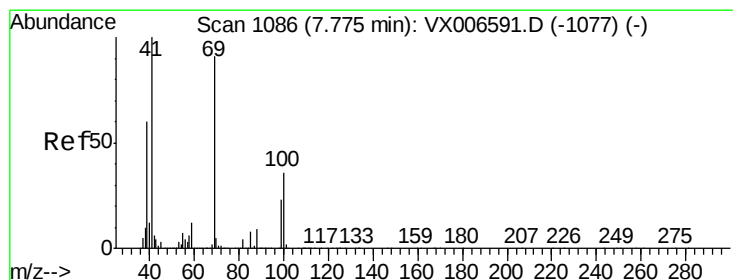
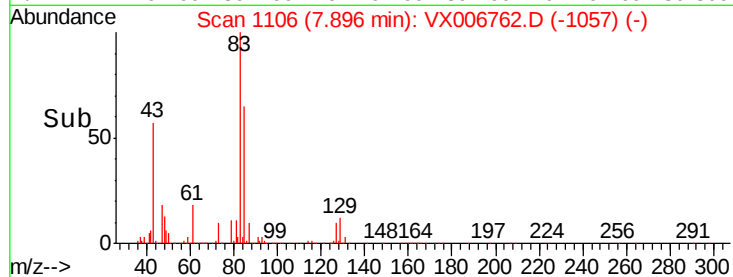
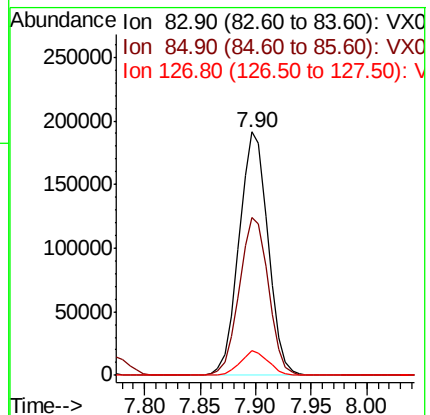
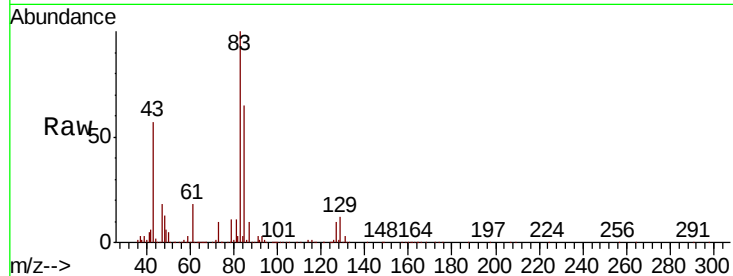
Tot Ion: 83 Resp: 344118

Ion Ratio Lower Upper

83 100

85 65.0 53.2 79.8

127 9.9 7.8 11.6



#48

Methyl methacrylate

Concen: 50.301 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

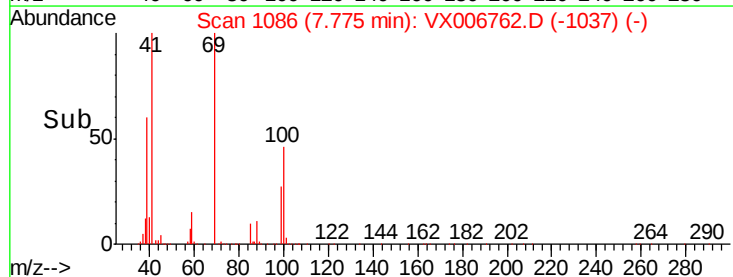
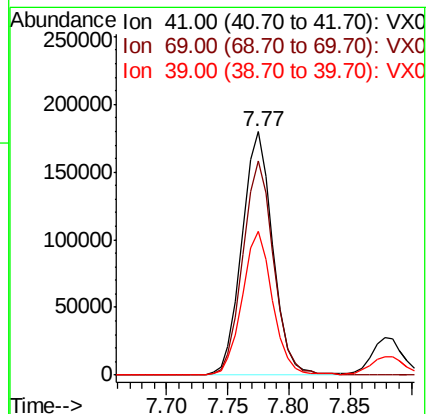
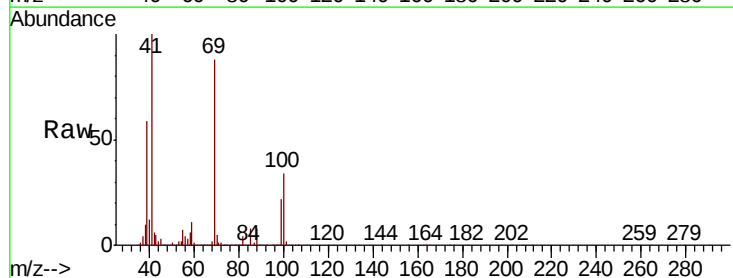
Tgt Ion: 41 Resp: 313983

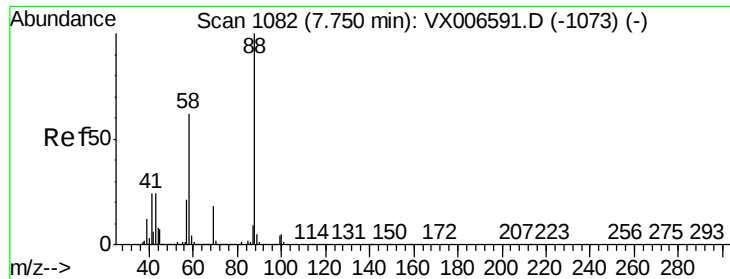
Ion Ratio Lower Upper

41 100

69 88.8 72.4 108.6

39 57.9 45.8 68.8

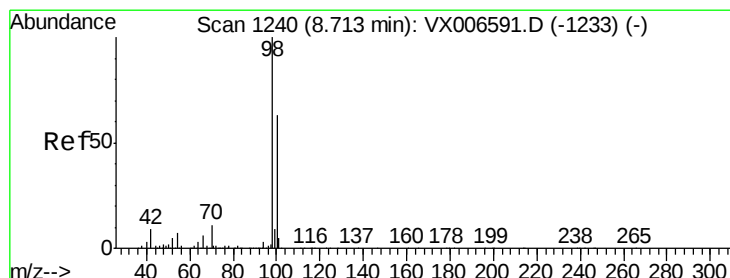
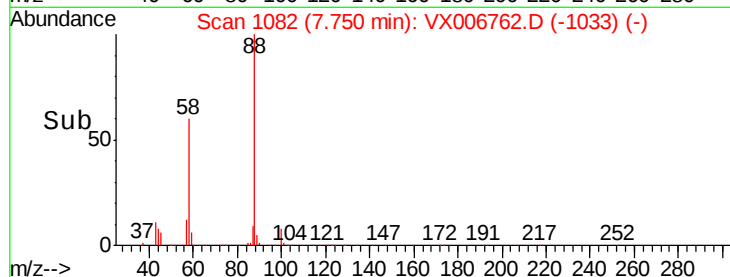
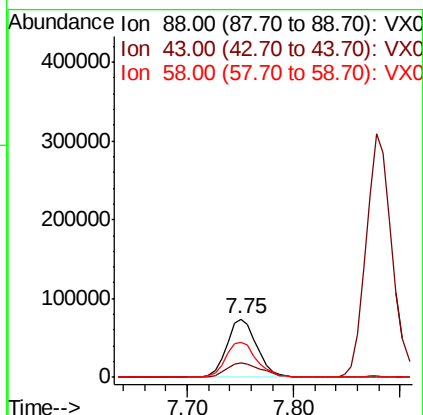
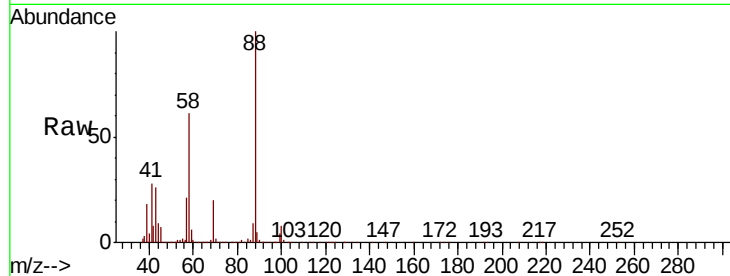




#49
1,4-Dioxane
Concen: 898.728 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

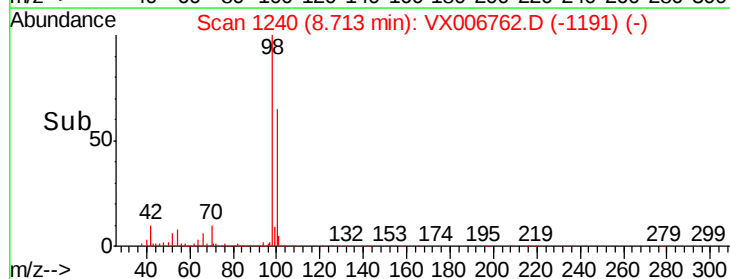
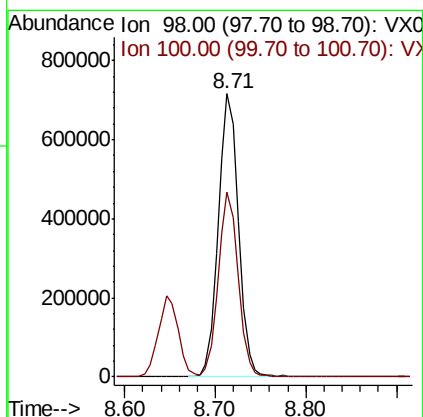
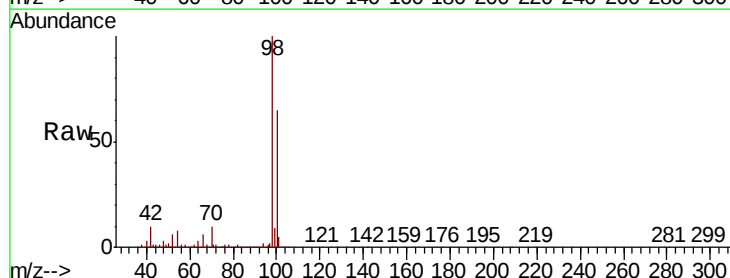
Instrument :
MSVOA_X
ClientSampled :

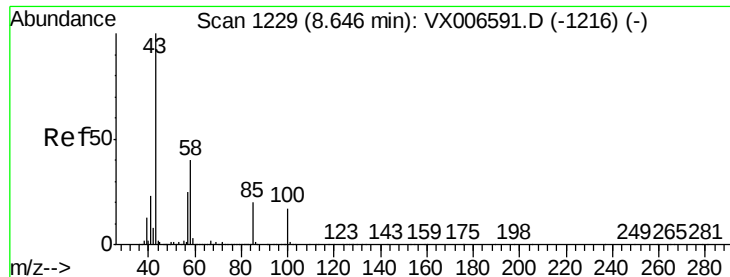
Tot Ion	88	Resp	147111
Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.2	33.4
58	62.5	51.0	76.4



#50
Toluene-d8
Concen: 49.972 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	98	Resp	1114949
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 245.127 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

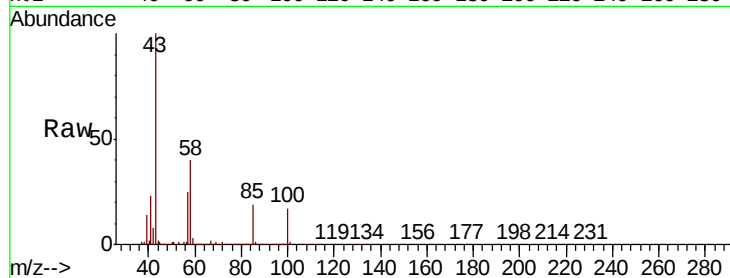
ClientSampled :

Tot Ion: 43 Resp: 1914475

Ion Ratio Lower Upper

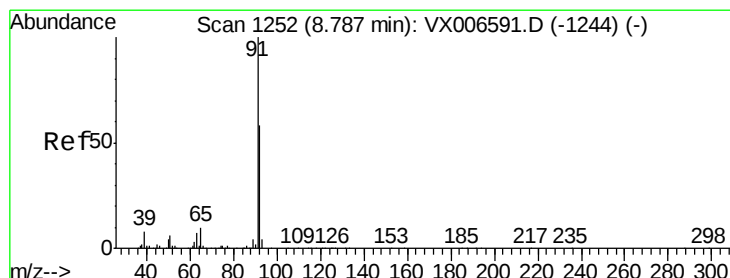
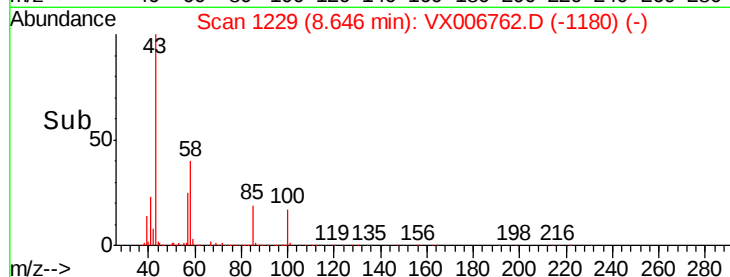
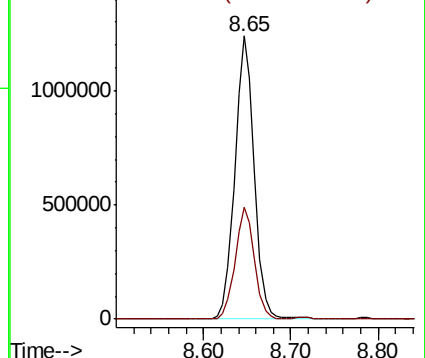
43 100

58 39.3 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.678 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006762.D

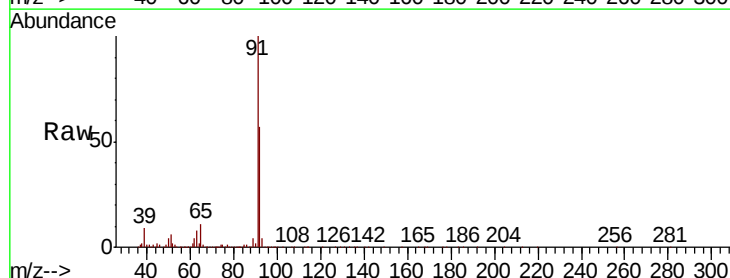
Acq: 22 Dec 2018 10:25

Tgt Ion: 92 Resp: 725711

Ion Ratio Lower Upper

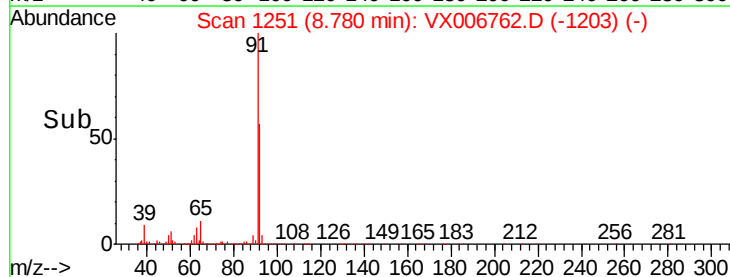
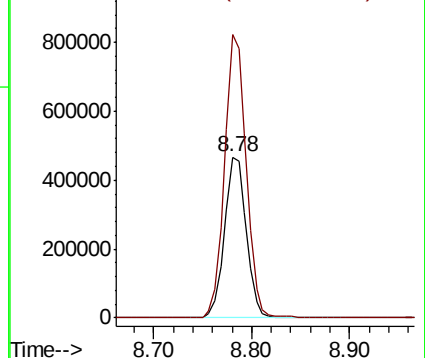
92 100

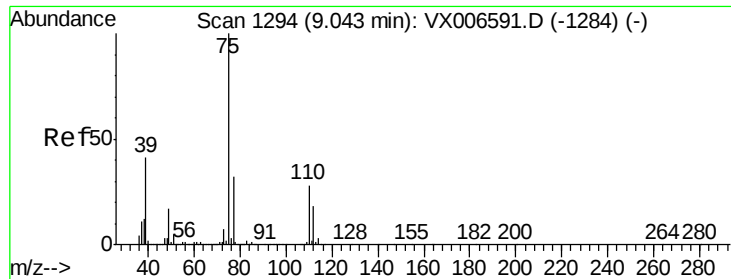
91 174.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.586 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

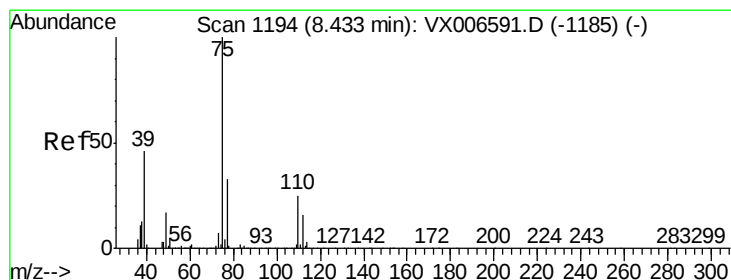
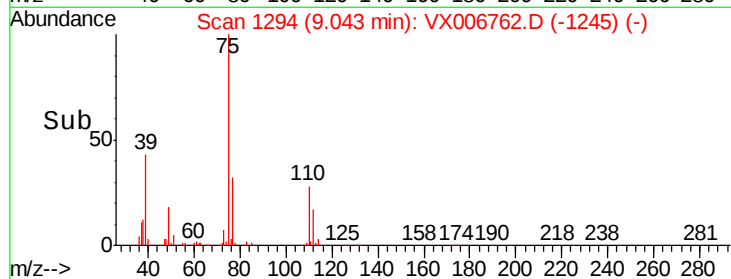
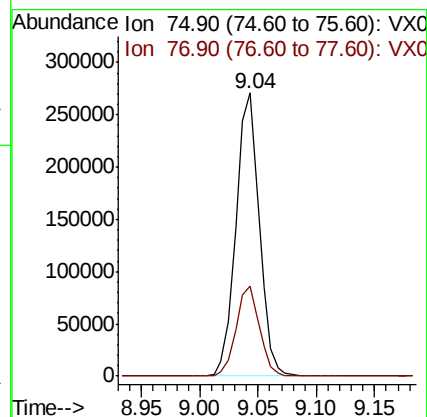
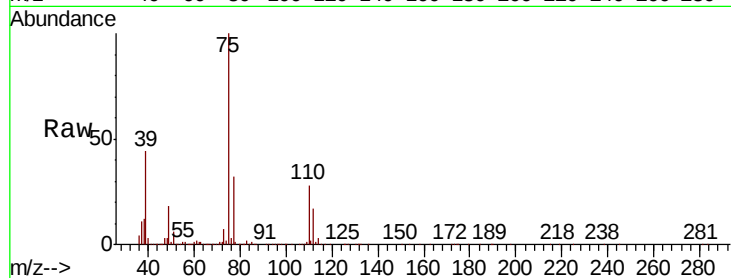
ClientSampleId :

Tot Ion: 75 Resp: 379853

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.134 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

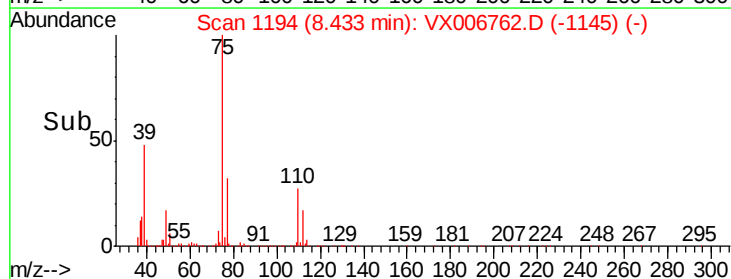
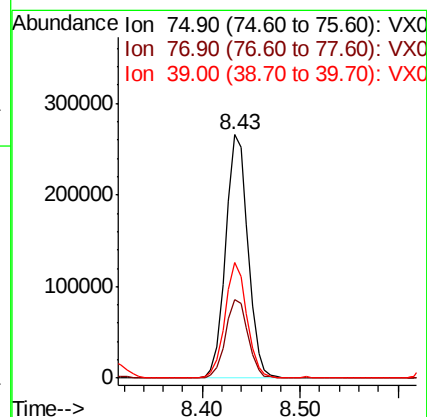
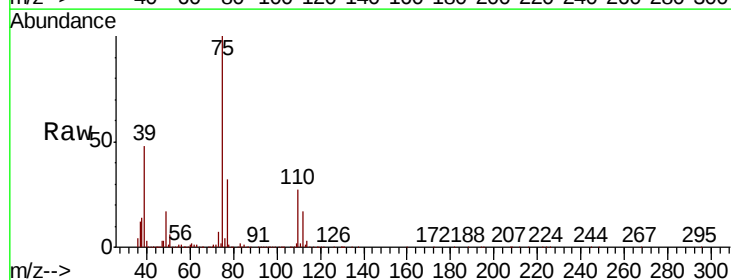
Tgt Ion: 75 Resp: 421309

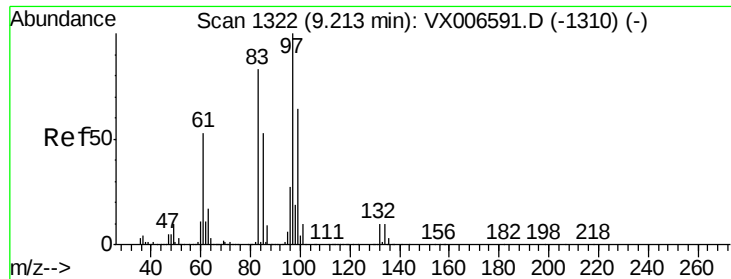
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

39 47.6 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 48.452 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

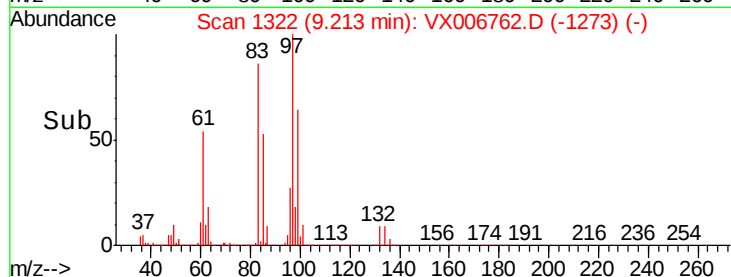
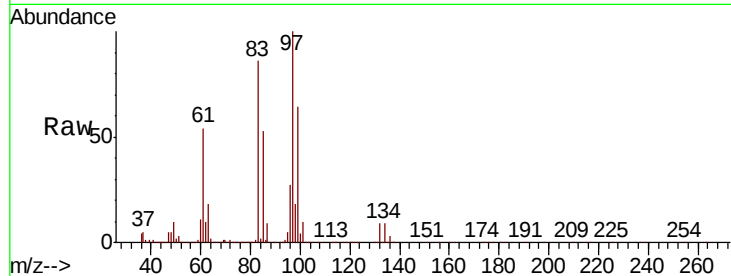
Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 301871

Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.6	99.8
85	53.4	42.7	64.1
99	63.8	50.8	76.2



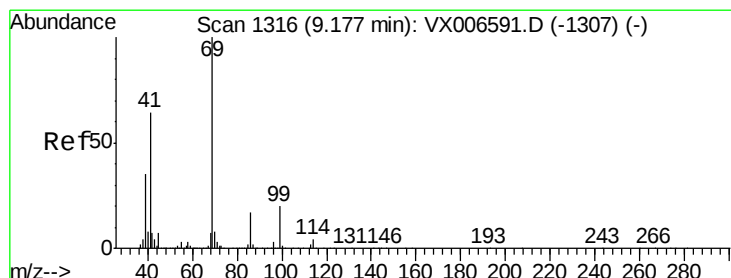
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 49.494 ug/l

RT: 9.18 min Scan# 1316

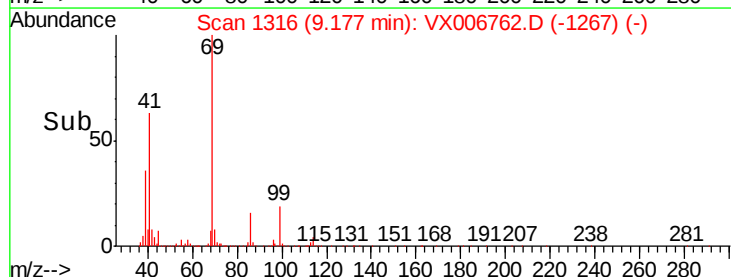
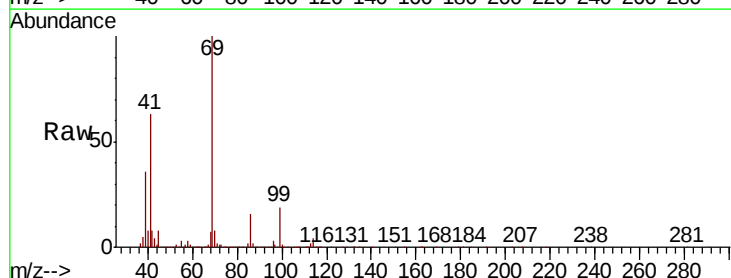
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion: 69 Resp: 435830

Ion	Ratio	Lower	Upper
69	100		
41	62.6	48.7	73.1
39	35.6	27.0	40.6

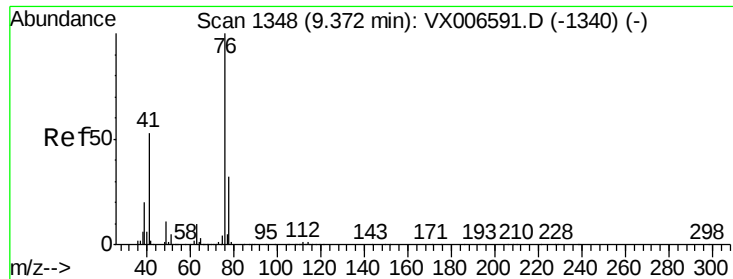


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->



#57

1,3-Dichloropropane

Concen: 47.195 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

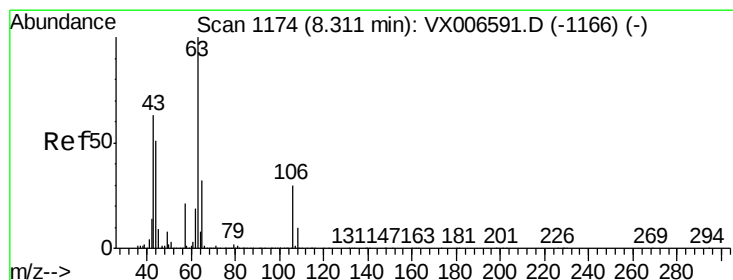
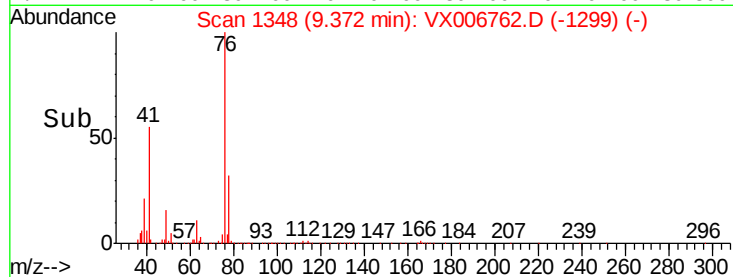
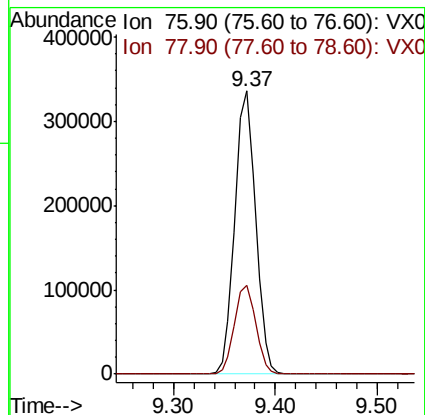
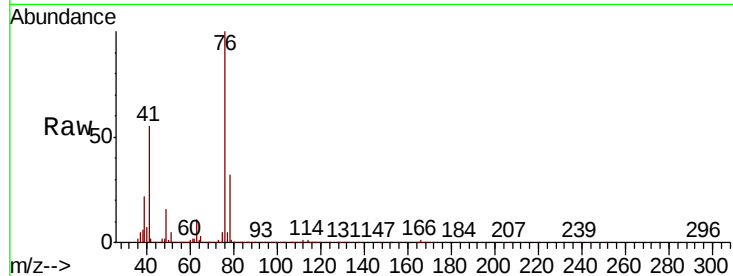
ClientSampleId :

Tot Ion: 76 Resp: 473068

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 275.778 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006762.D

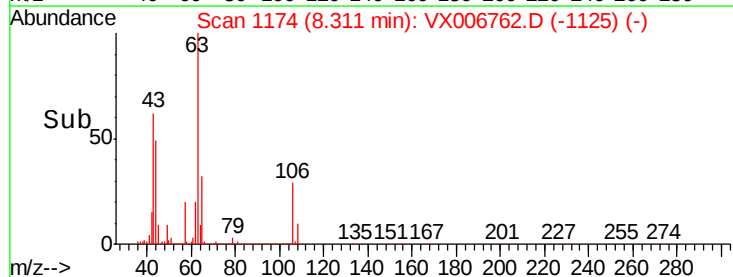
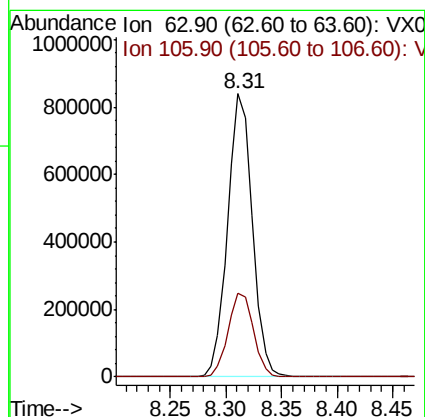
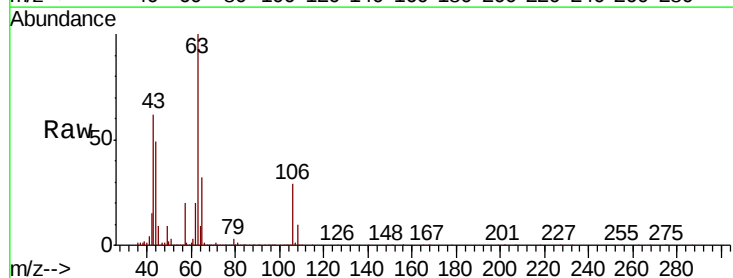
Acq: 22 Dec 2018 10:25

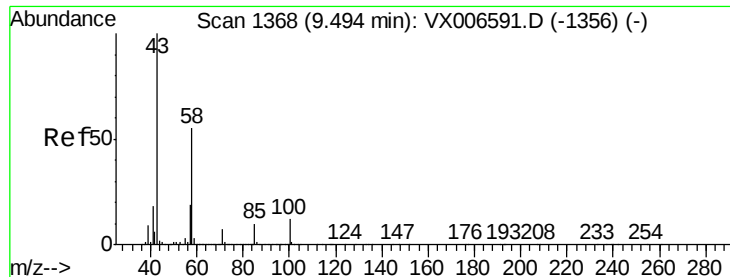
Tgt Ion: 63 Resp: 1290861

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8

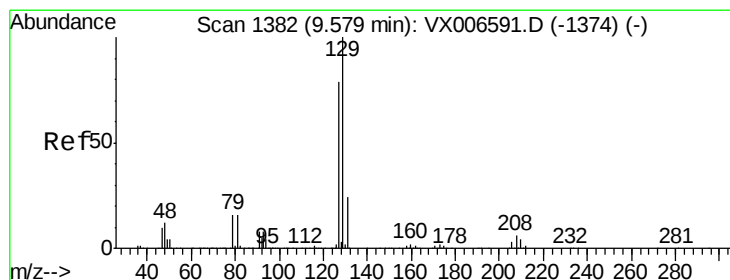
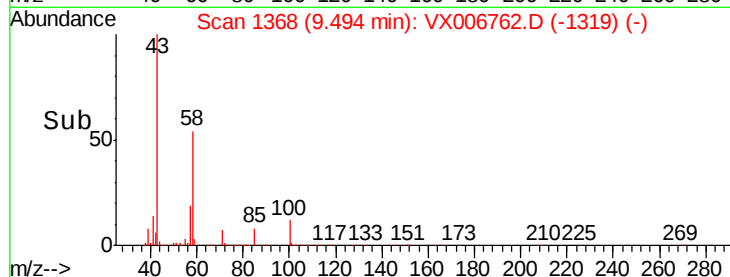
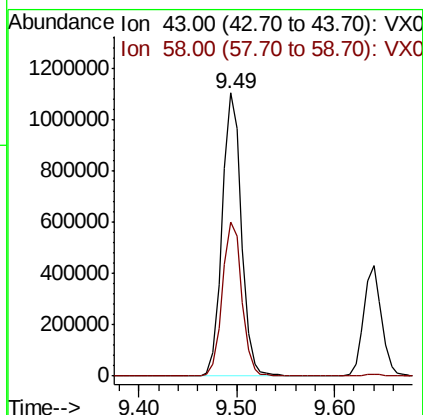
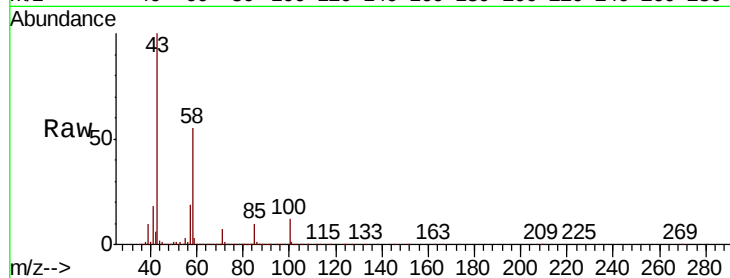




#59
2-Hexanone
Concen: 252.405 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

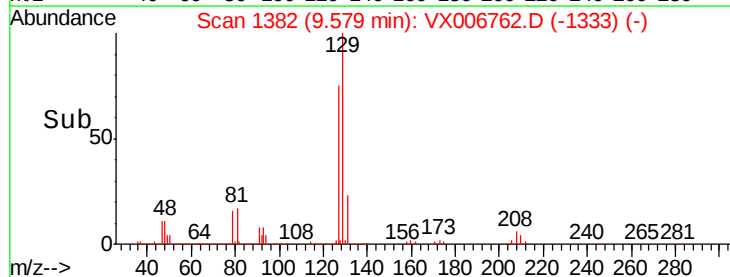
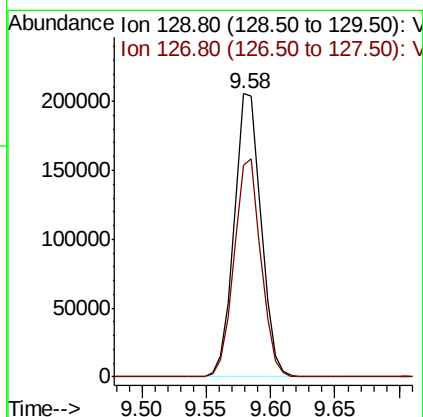
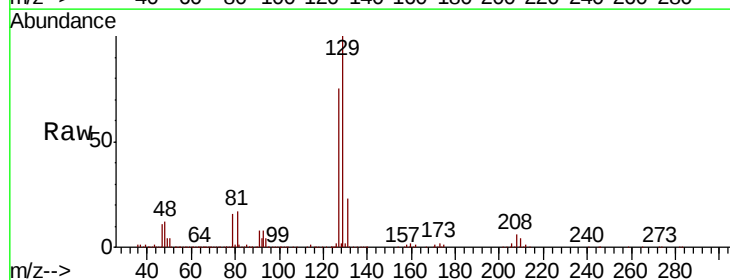
Instrument :
MSVOA_X
ClientSampleId :

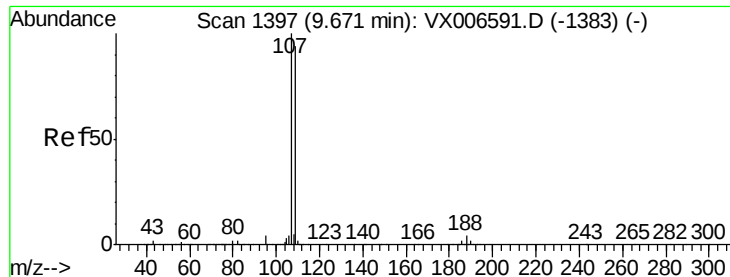
Tot Ion: 43 Resp: 1508293
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 46.305 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:129 Resp: 300556
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 49.307 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

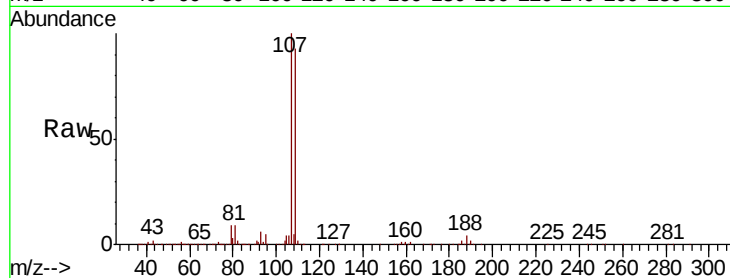
ClientSampled :

Tot Ion:107 Resp: 326556

Ion Ratio Lower Upper

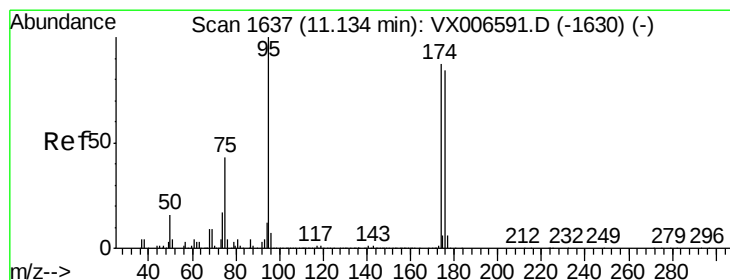
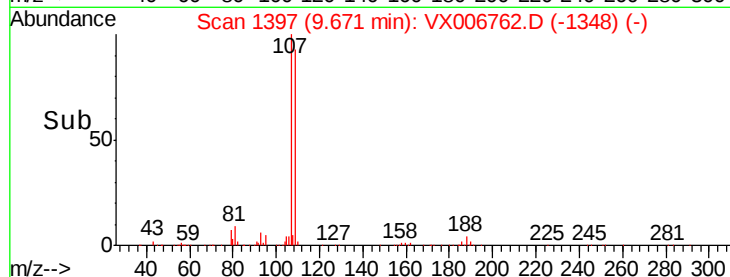
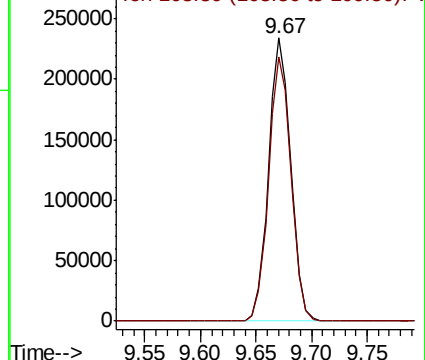
107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.219 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

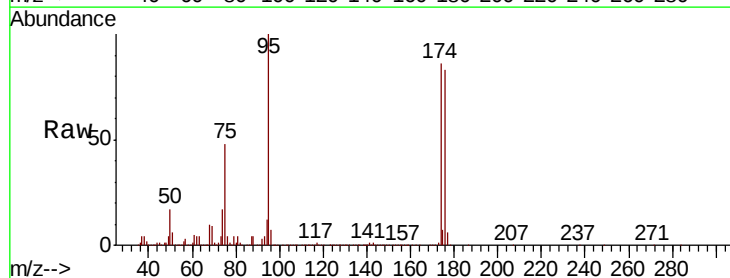
Tgt Ion: 95 Resp: 394016

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

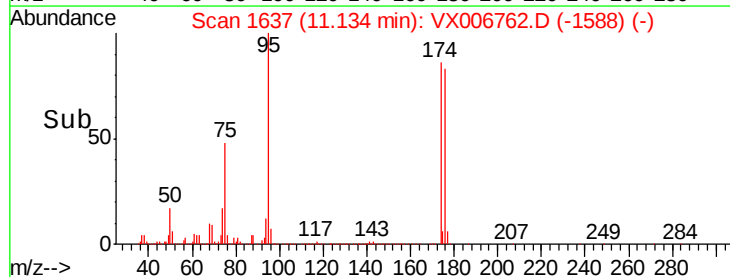
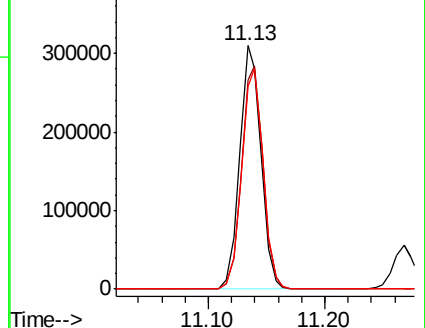
176 90.9 0.0 178.8

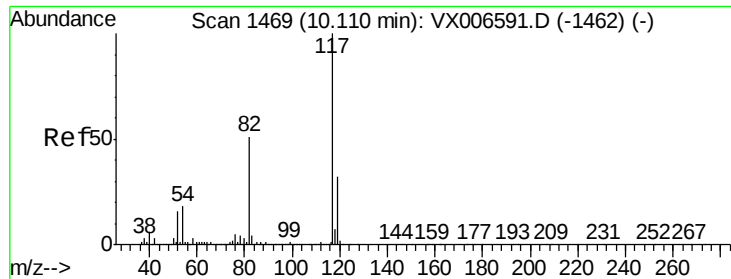


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

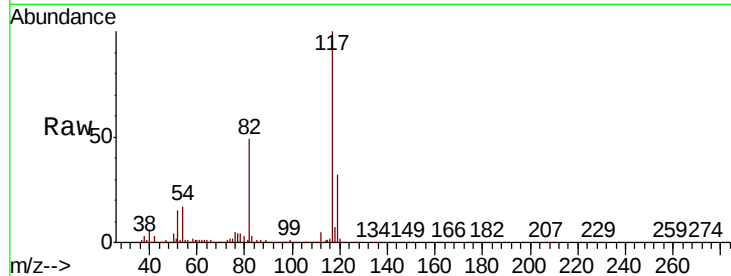




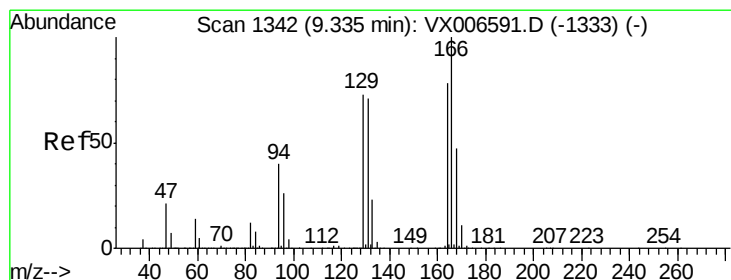
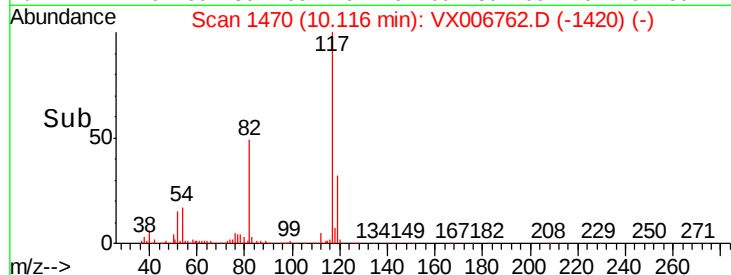
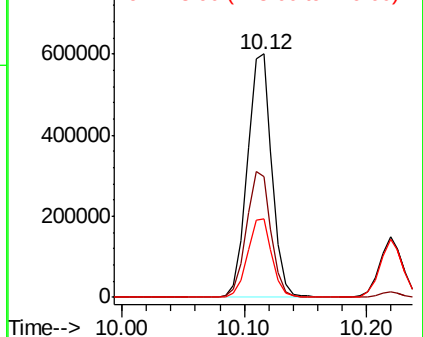
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 834712
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.2 25.4 38.0

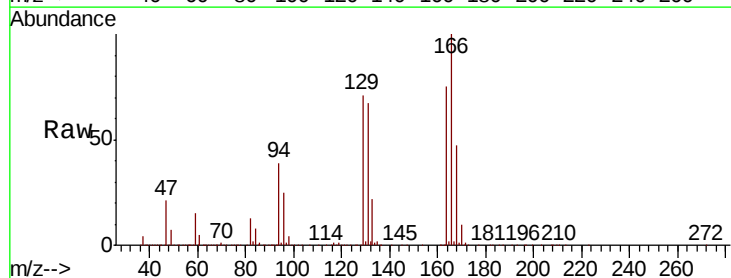


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

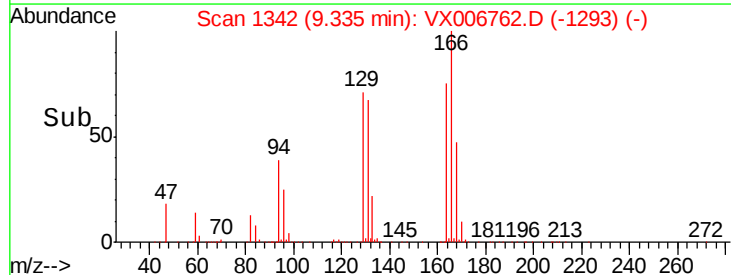
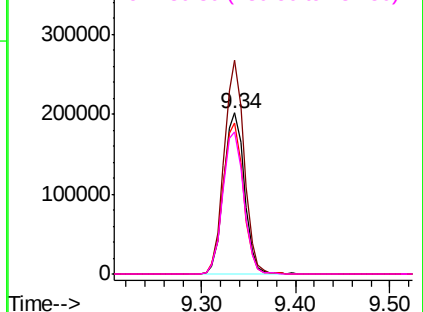


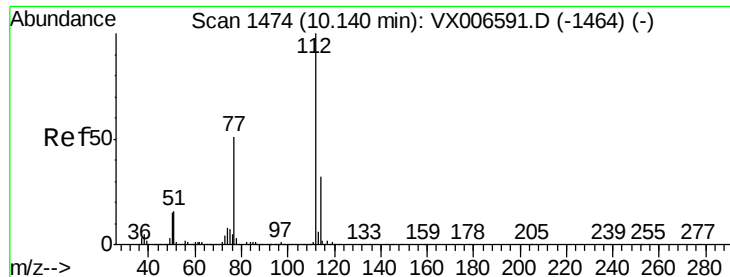
#64
Tetrachloroethene
Concen: 46.637 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:164 Resp: 308252
Ion Ratio Lower Upper
164 100
166 132.5 102.5 153.7
129 94.1 75.1 112.7
131 88.5 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

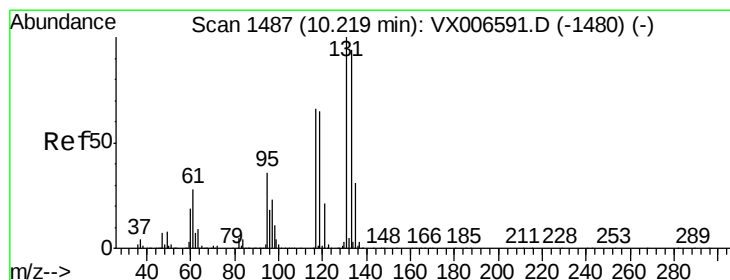
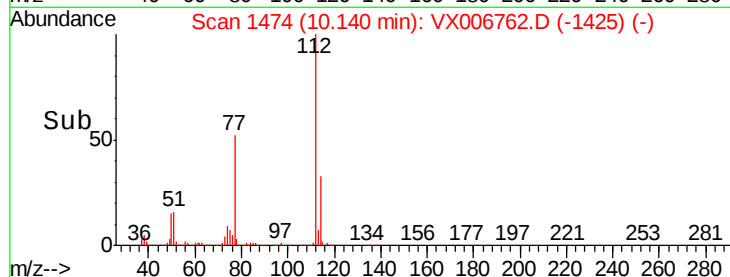
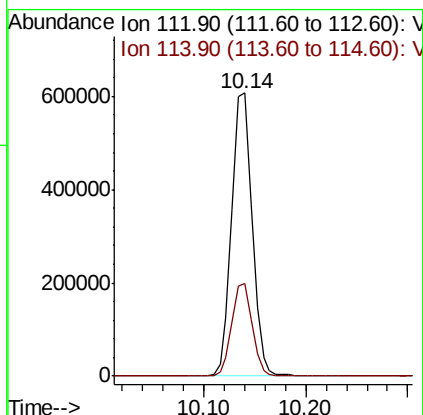
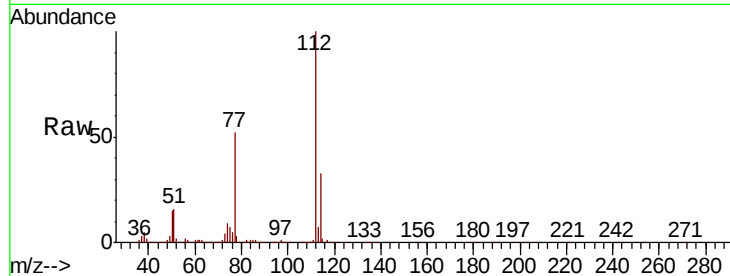




#65
Chlorobenzene
Concen: 47.784 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

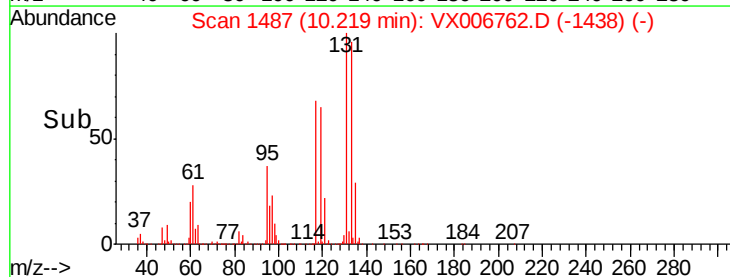
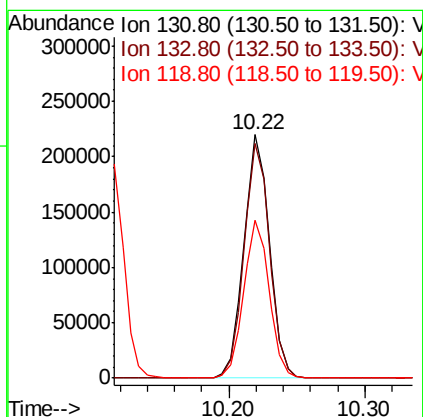
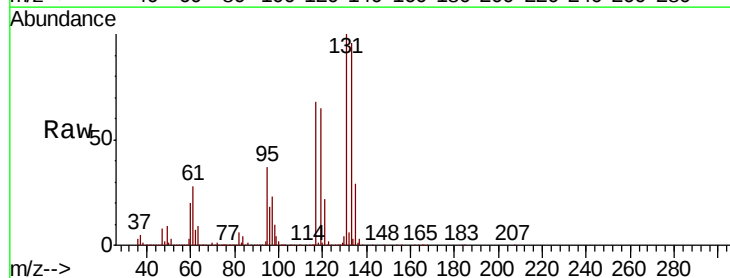
Instrument :
MSVOA_X
ClientSampleId :

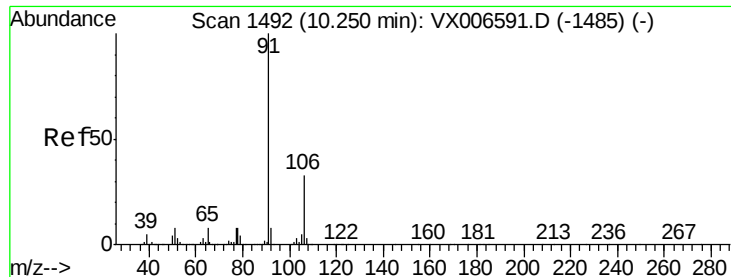
Tot Ion:112 Resp: 843814
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.335 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:131 Resp: 288342
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.2
119 64.7 32.6 97.8





#67

Ethyl Benzene

Concen: 48.751 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

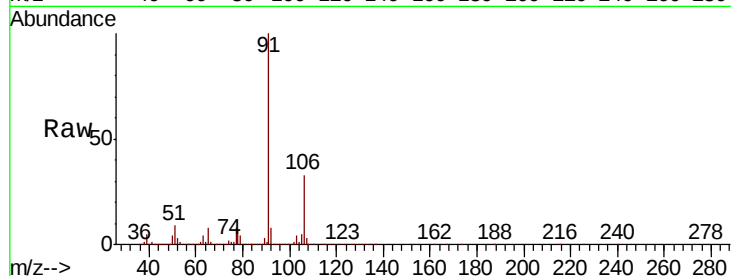
ClientSampled :

Tot Ion: 91 Resp: 1406777

Ion Ratio Lower Upper

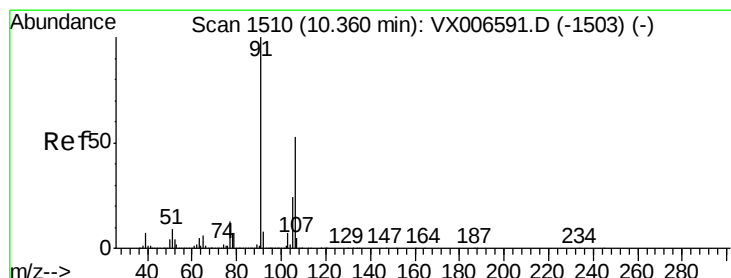
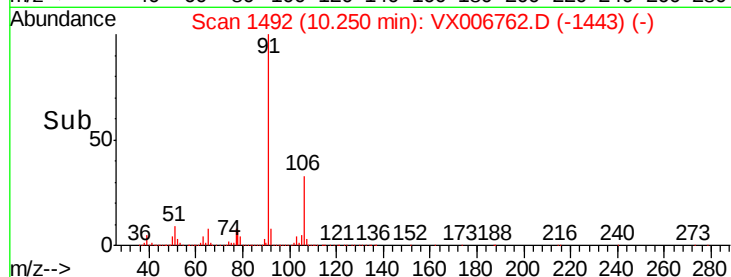
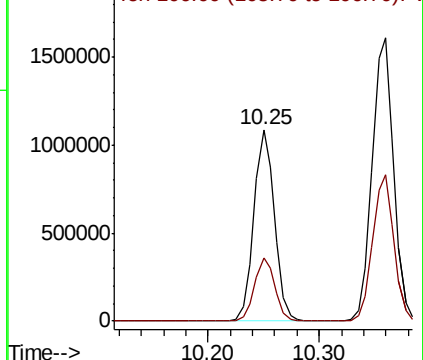
91 100

106 33.1 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.976 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006762.D

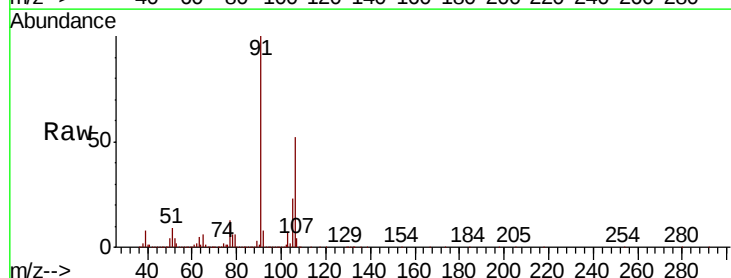
Acq: 22 Dec 2018 10:25

Tgt Ion:106 Resp: 1104217

Ion Ratio Lower Upper

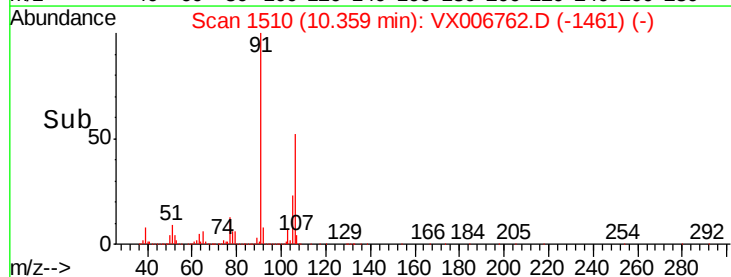
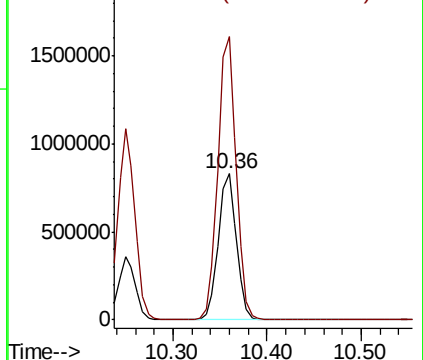
106 100

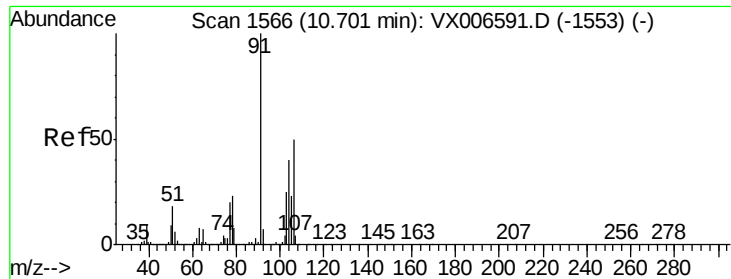
91 196.5 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

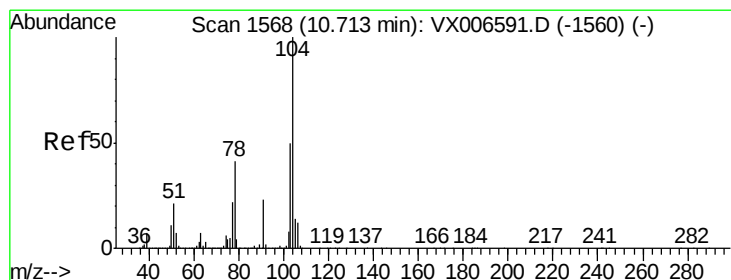
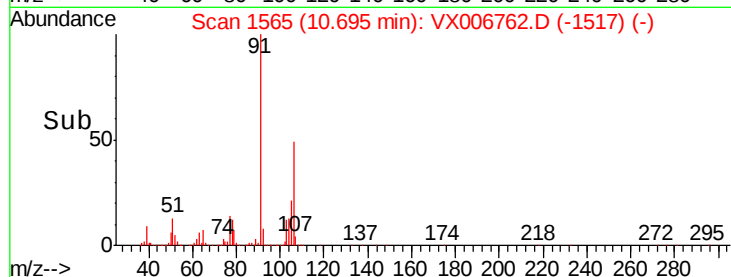
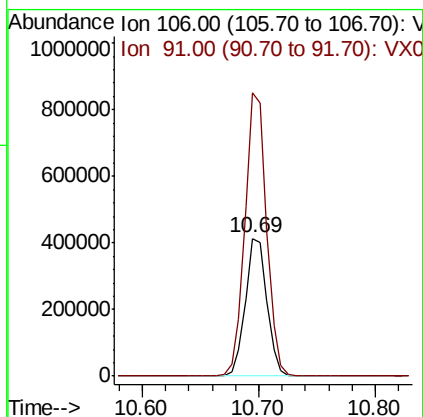
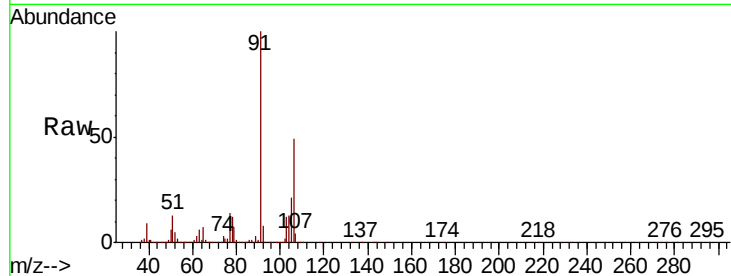




#69
o-Xylene
Concen: 48.052 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

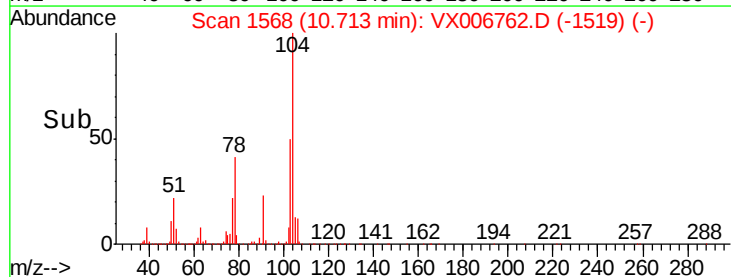
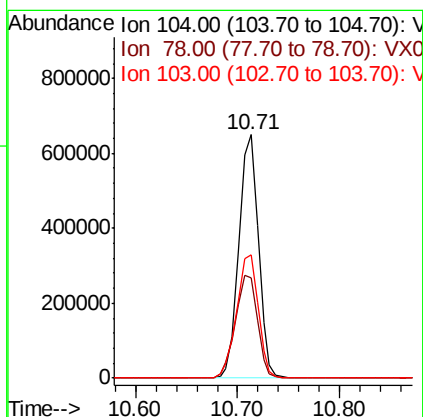
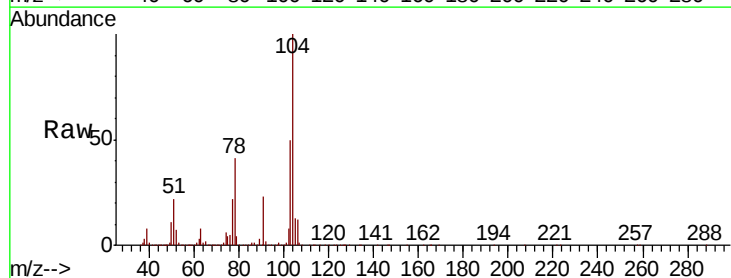
Instrument :
MSVOA_X
ClientSampleId :

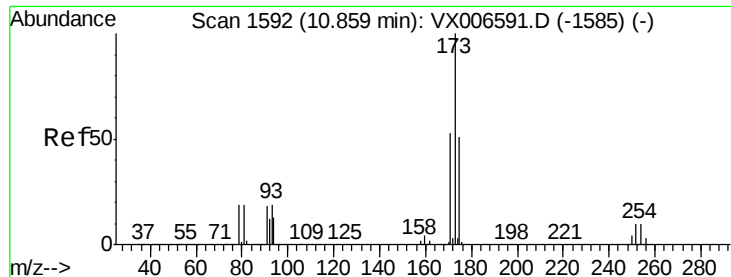
Tot Ion:106 Resp: 540298
Ion Ratio Lower Upper
106 100
91 204.8 101.3 303.7



#70
Styrene
Concen: 48.166 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:104 Resp: 856799
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 56.1 43.8 65.8





#71

Bromoform

Concen: 42.991 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampled :

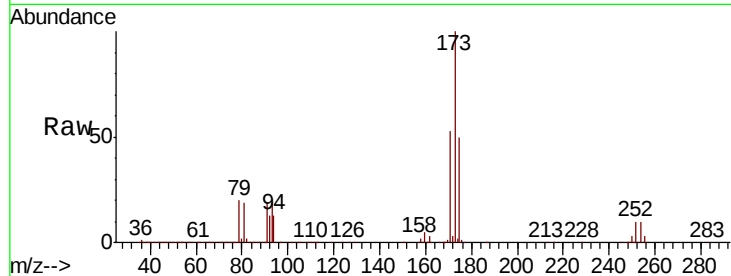
Tot Ion:173 Resp: 210241

Ion Ratio Lower Upper

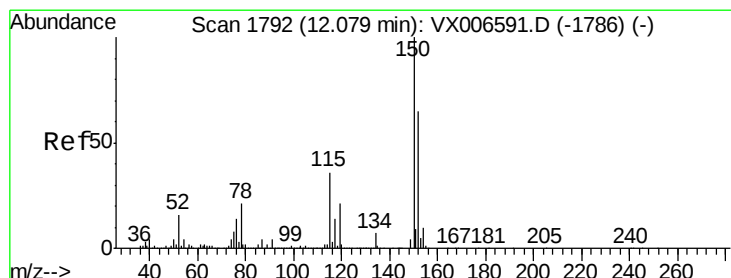
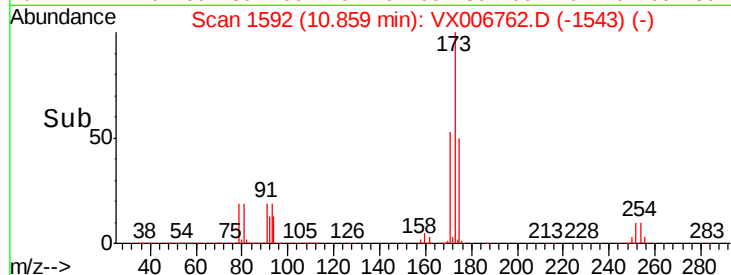
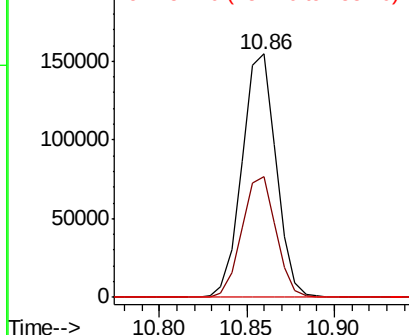
173 100

175 49.6 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

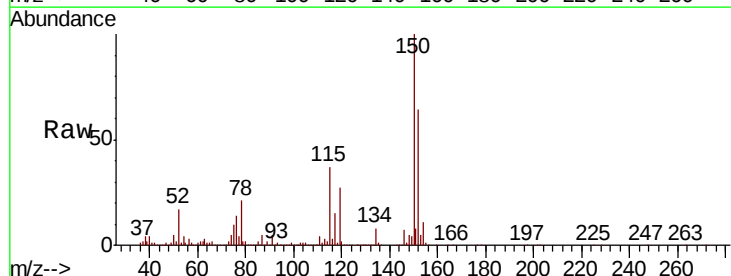
Tgt Ion:152 Resp: 436244

Ion Ratio Lower Upper

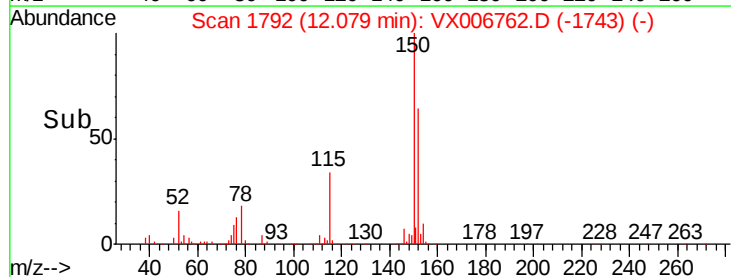
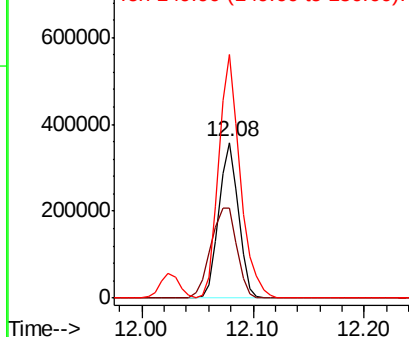
152 100

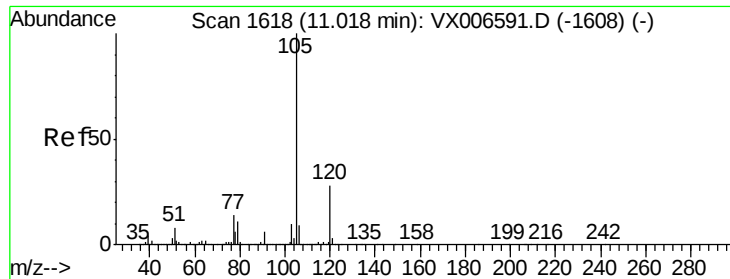
115 77.4 39.1 117.2

150 171.9 0.0 344.8



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





#73

Isopropylbenzene

Concen: 48.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

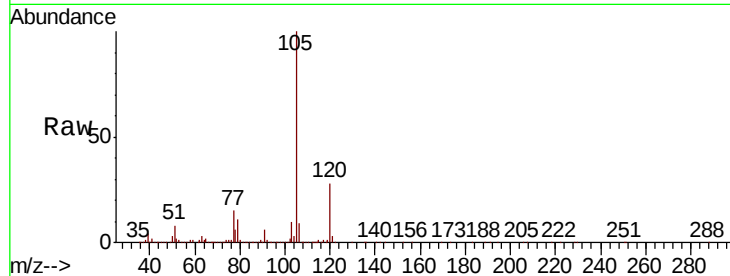
ClientSampleId :

Tot Ion:105 Resp: 1451126

Ion Ratio Lower Upper

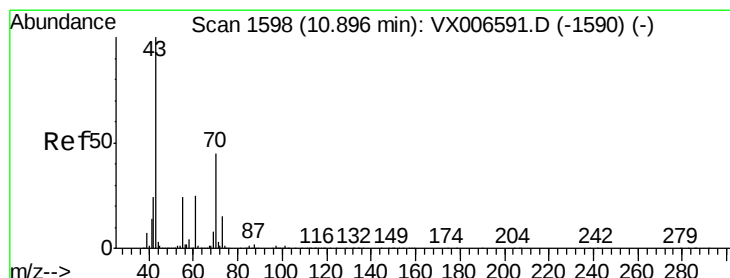
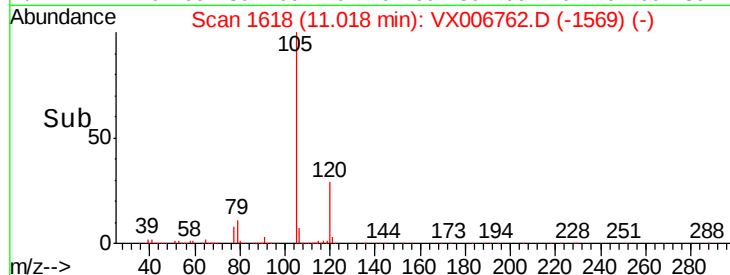
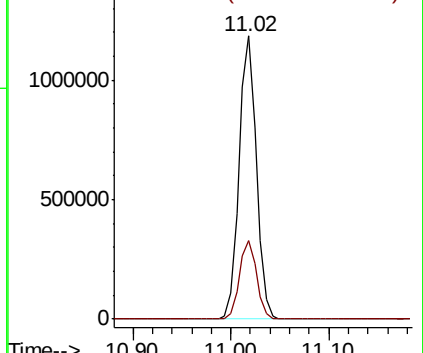
105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.819 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion: 43 Resp: 542878

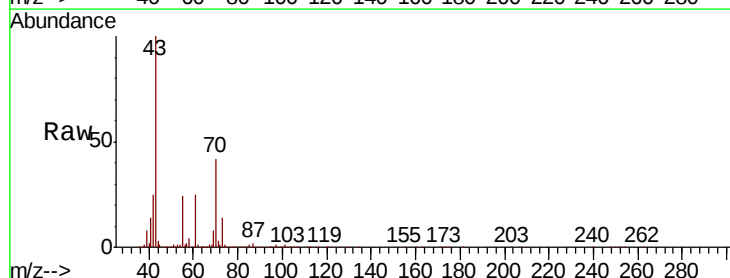
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 24.4 19.4 29.0

61 25.0 20.1 30.1

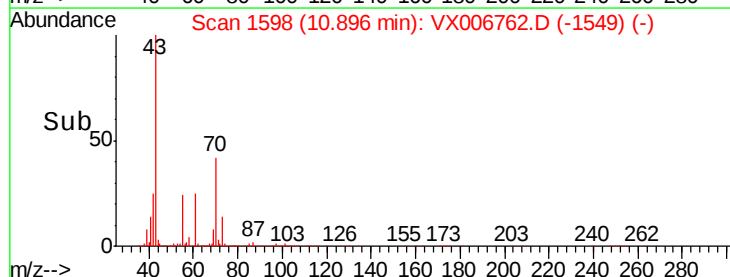
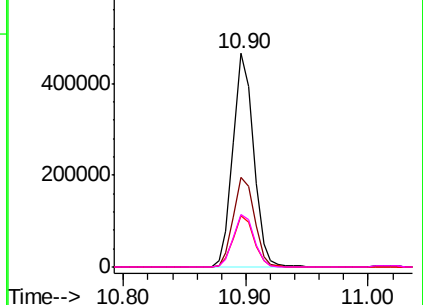


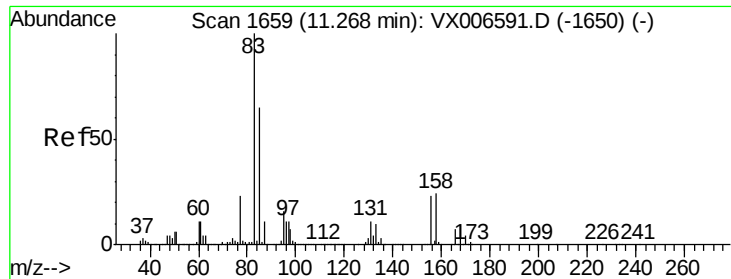
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.722 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

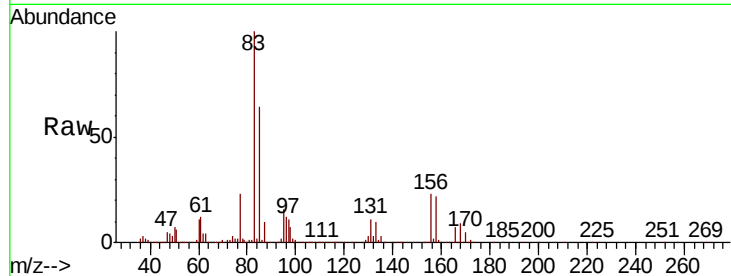
Tot Ion: 83 Resp: 432445

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0

11.27

400000

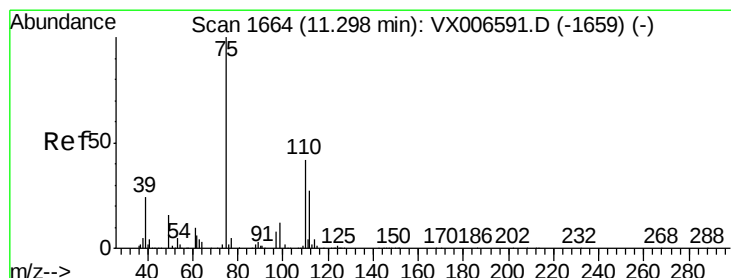
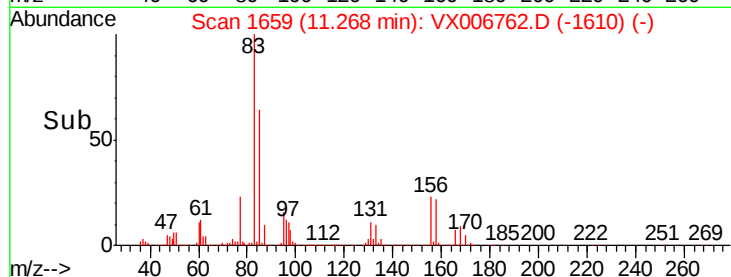
300000

200000

100000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 59.365 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006762.D

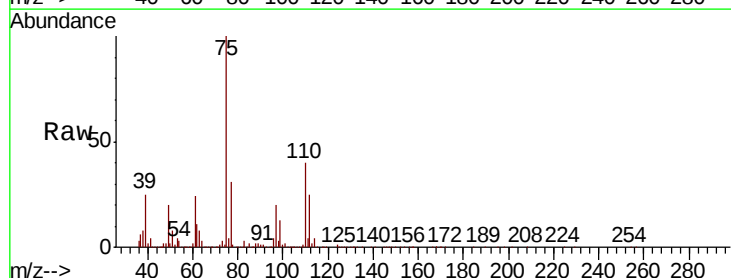
Acq: 22 Dec 2018 10:25

Tgt Ion: 75 Resp: 481285

Ion Ratio Lower Upper

75 100

77 30.6 18.5 55.5



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

400000

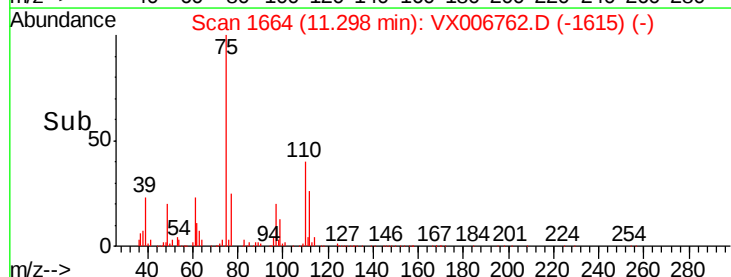
300000

200000

100000

0

Time-->



11.30

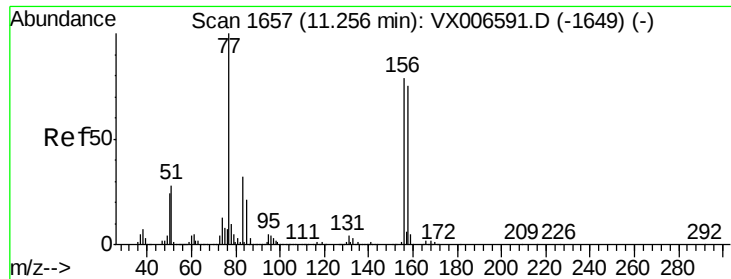
400000

300000

200000

100000

0



#77

Bromobenzene

Concen: 47.114 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

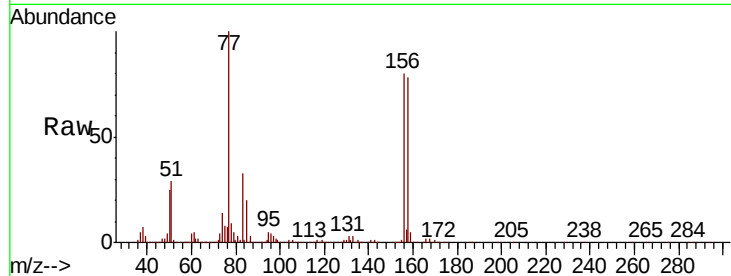
Tot Ion:156 Resp: 380137

Ion Ratio Lower Upper

156 100

77 134.5 68.0 204.0

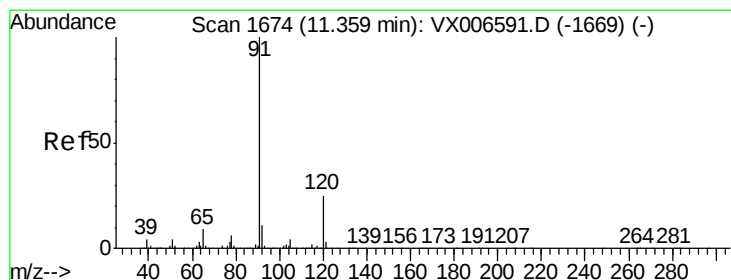
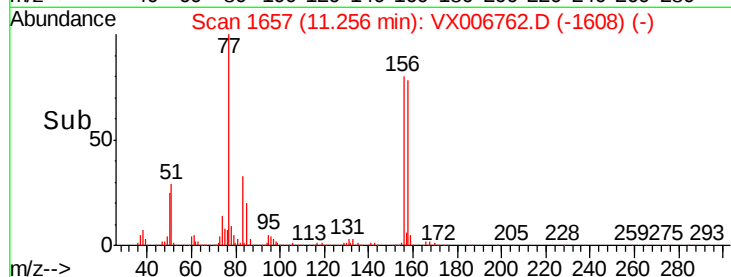
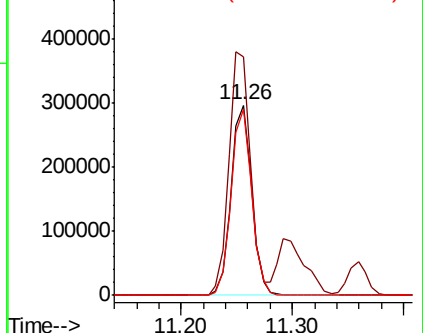
158 97.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.524 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006762.D

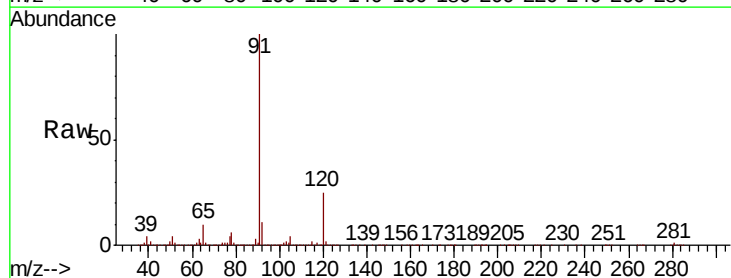
Acq: 22 Dec 2018 10:25

Tgt Ion: 91 Resp: 1627599

Ion Ratio Lower Upper

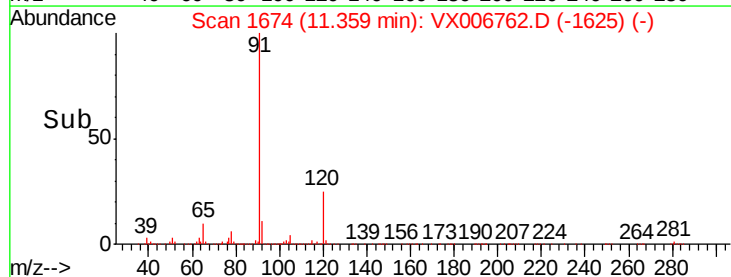
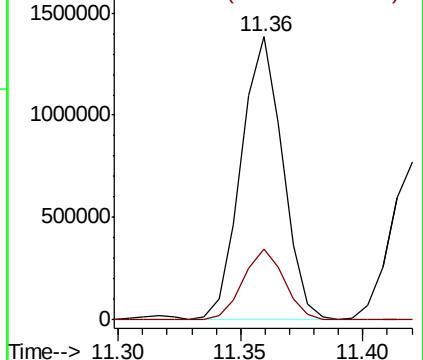
91 100

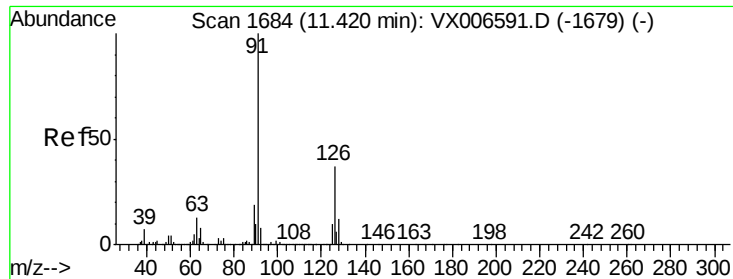
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.692 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

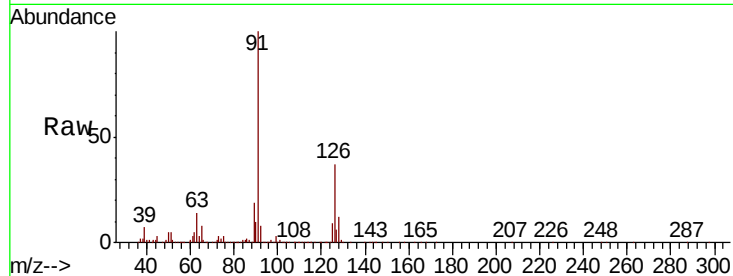
ClientSampleId :

Tot Ion: 91 Resp: 929934

Ion Ratio Lower Upper

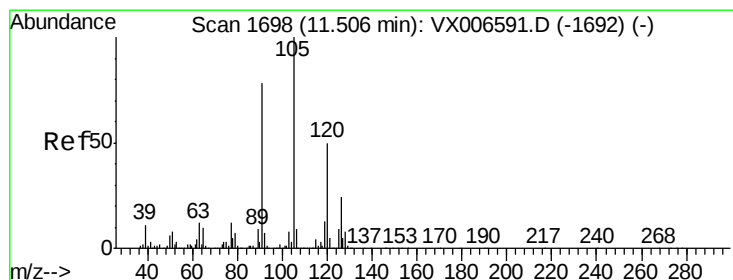
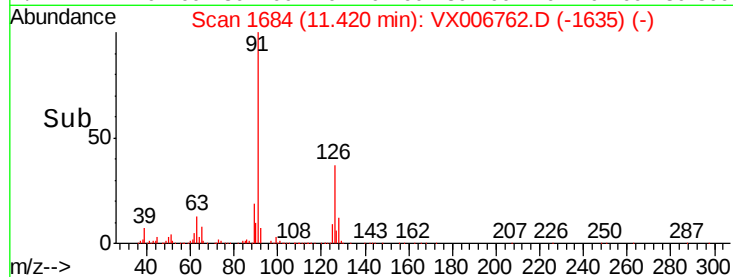
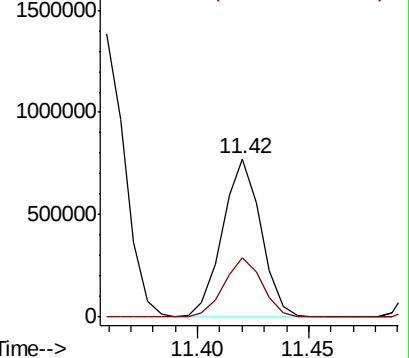
91 100

126 37.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.639 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006762.D

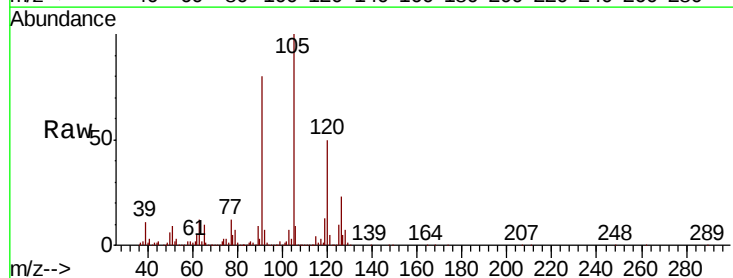
Acq: 22 Dec 2018 10:25

Tgt Ion:105 Resp: 1195619

Ion Ratio Lower Upper

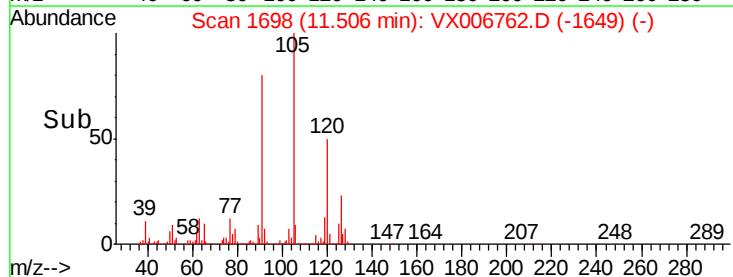
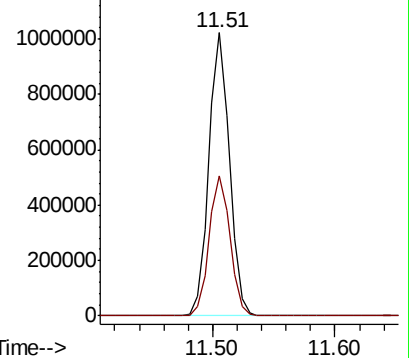
105 100

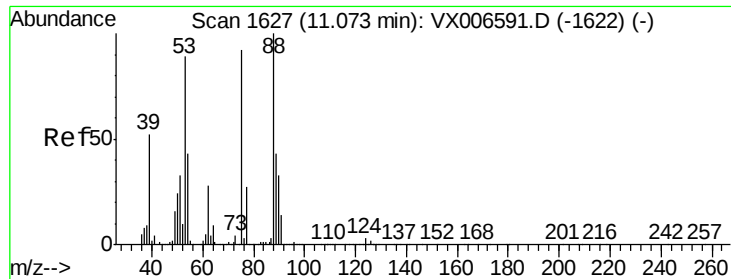
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

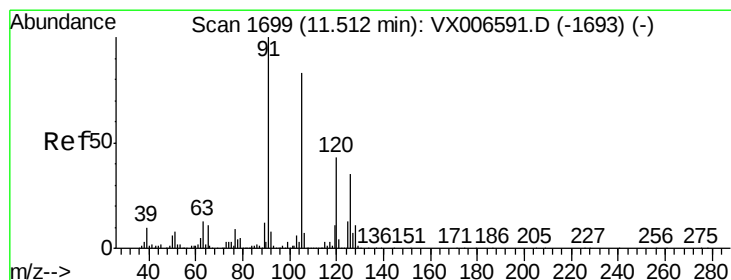
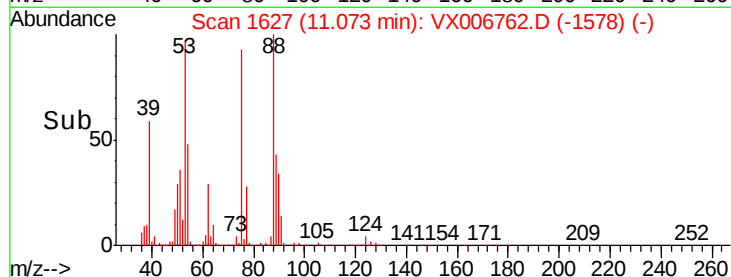
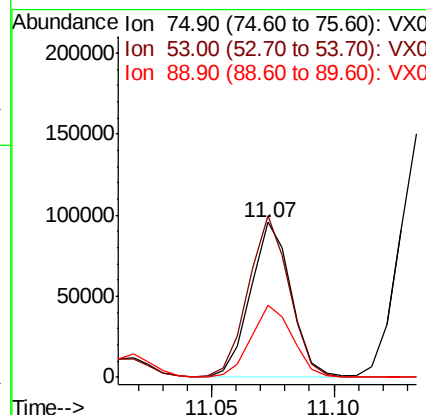
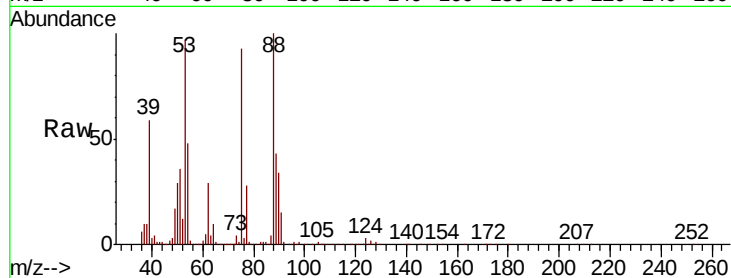




#81
trans-1,4-Dichloro-2-butene
Concen: 42.206 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

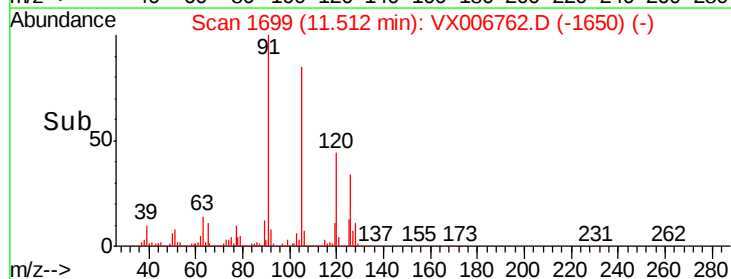
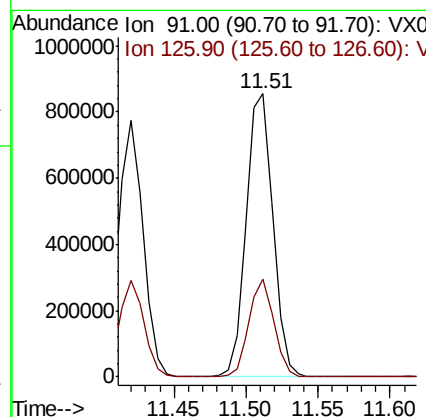
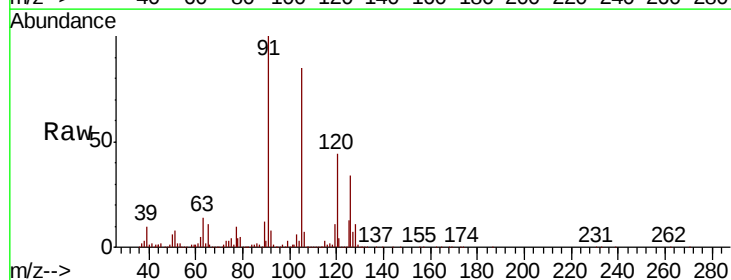
Instrument :
MSVOA_X
ClientSampleId :

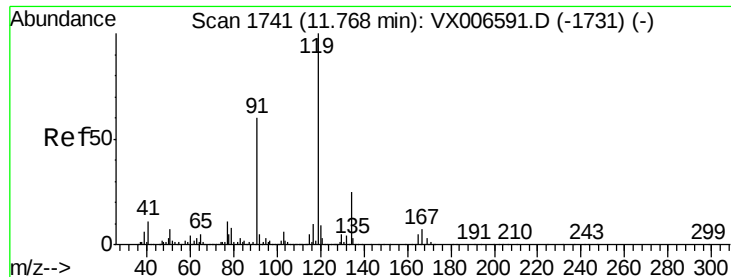
Tot Ion: 75 Resp: 110515
Ion Ratio Lower Upper
75 100
53 104.9 79.7 119.5
89 47.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 48.037 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 91 Resp: 1097416
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.9

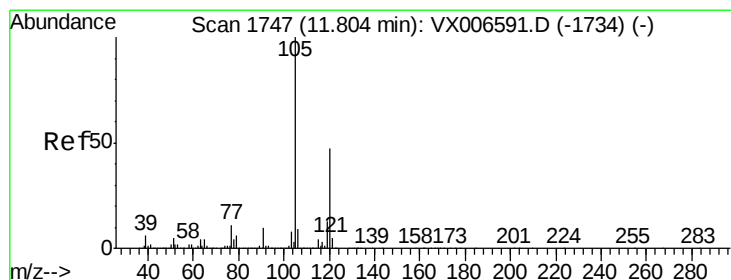
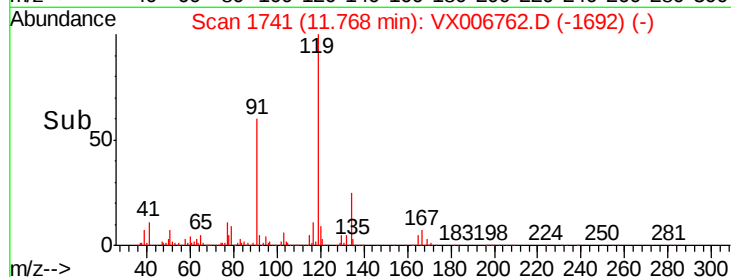
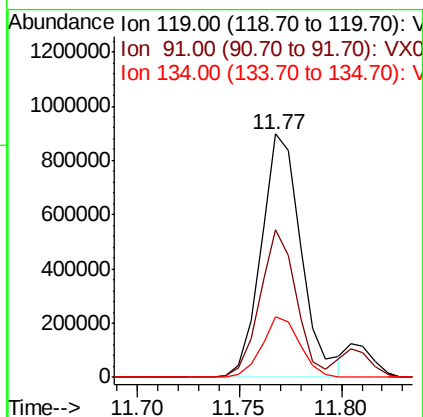
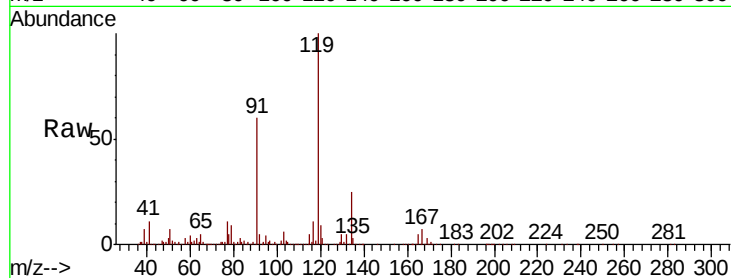




#83
tert-Butylbenzene
Concen: 49.817 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

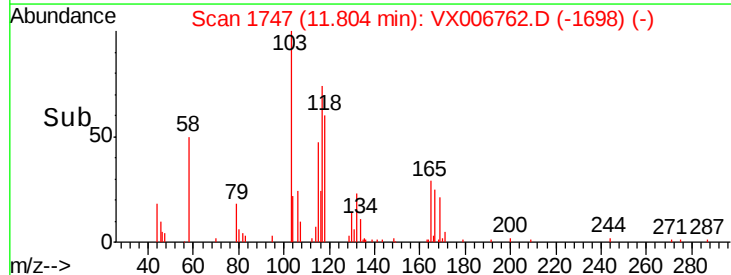
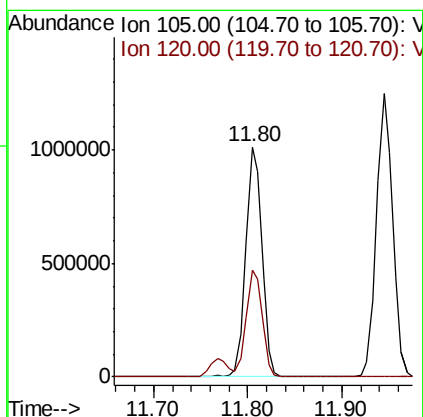
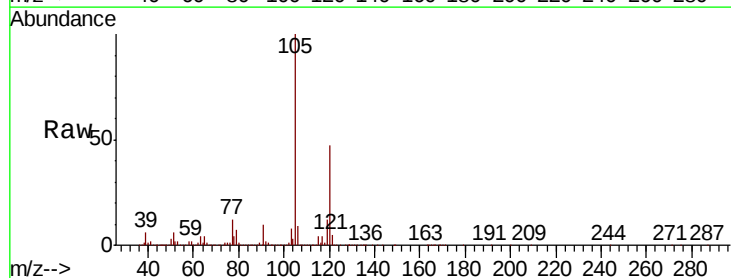
Instrument :
MSVOA_X
ClientSampled :

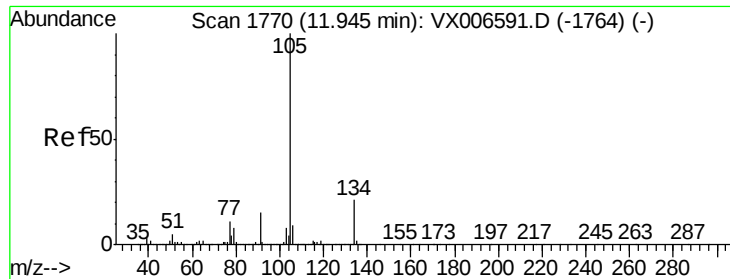
Tot Ion:119 Resp: 1225611
Ion Ratio Lower Upper
119 100
91 55.0 27.7 83.1
134 23.6 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 47.192 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:105 Resp: 1220181
Ion Ratio Lower Upper
105 100
120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.481 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

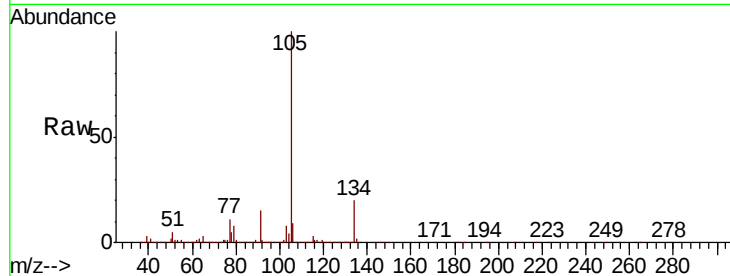
ClientSampleId :

Tot Ion:105 Resp: 1492553

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

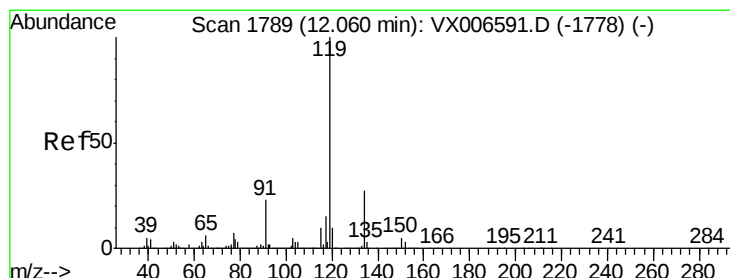
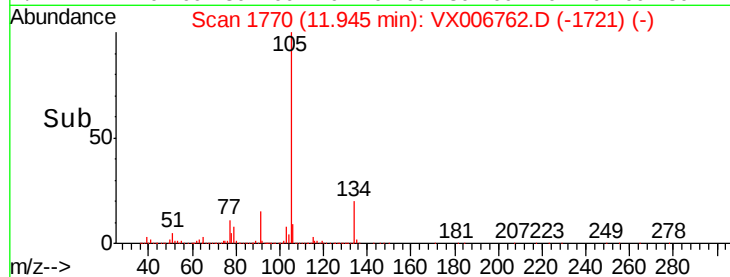
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 50.010 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

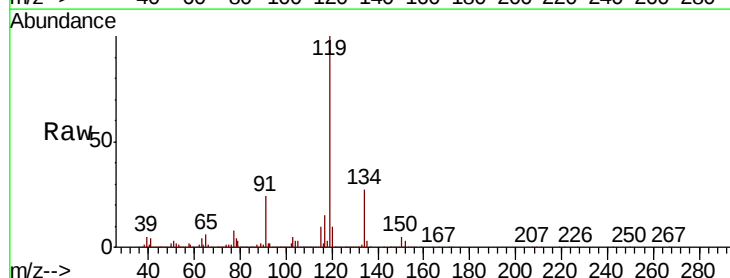
Tgt Ion:119 Resp: 1326035

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.6 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

1500000

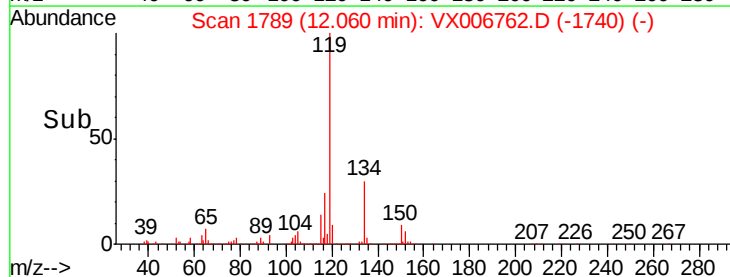
1000000

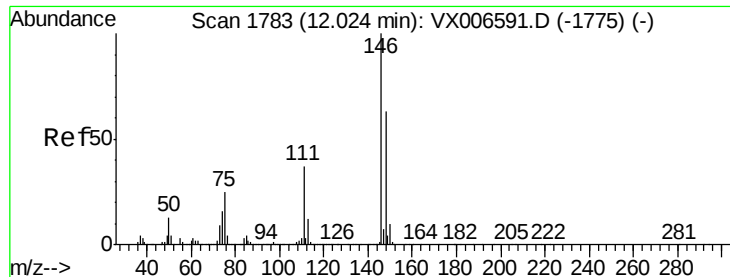
500000

0

Time-->

11.90 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 48.134 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006762.D

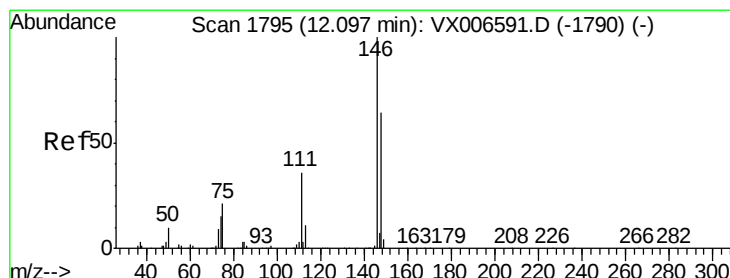
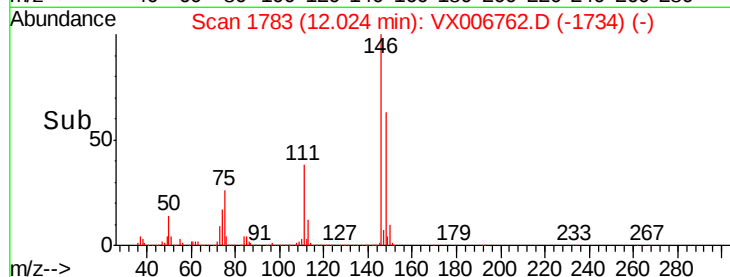
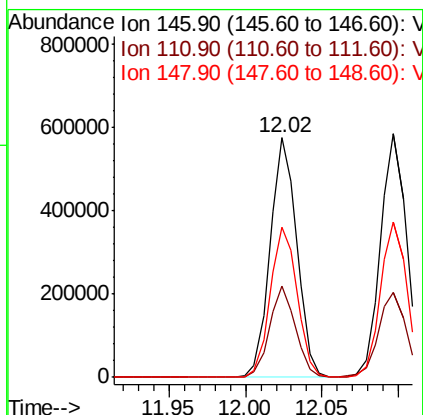
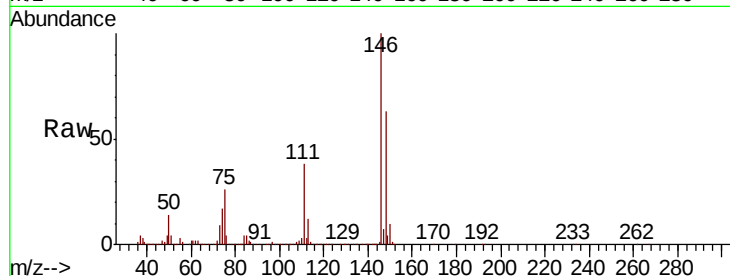
Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	699937
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	63.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 46.419 ug/l

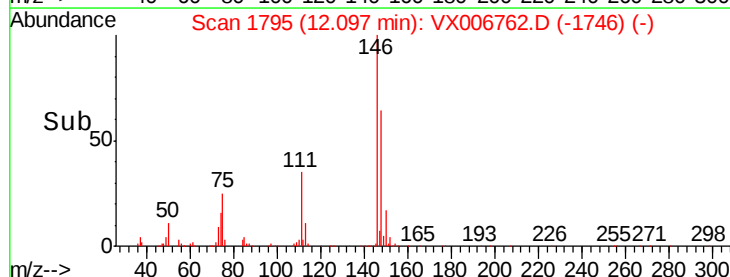
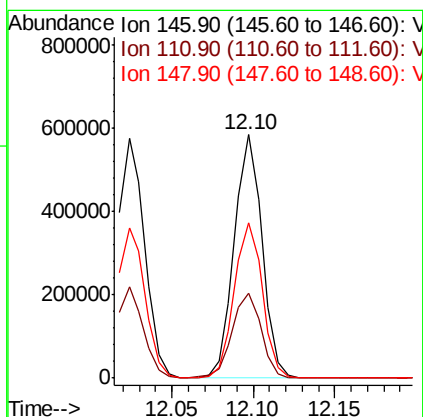
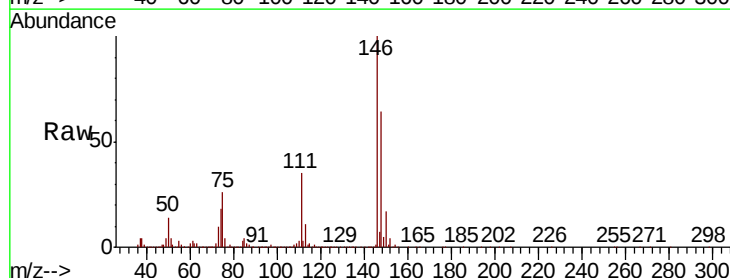
RT: 12.10 min Scan# 1795

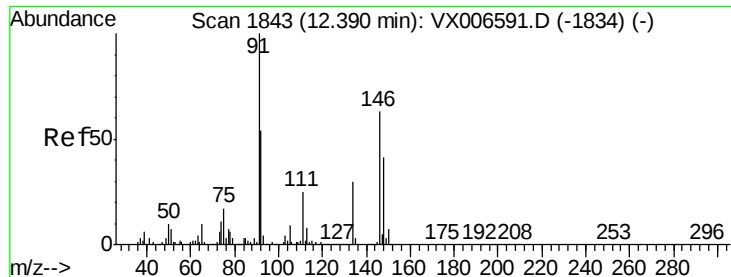
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	146	Resp:	691970
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.6	31.9	95.9

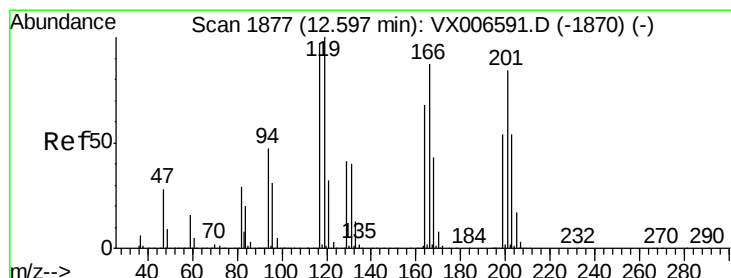
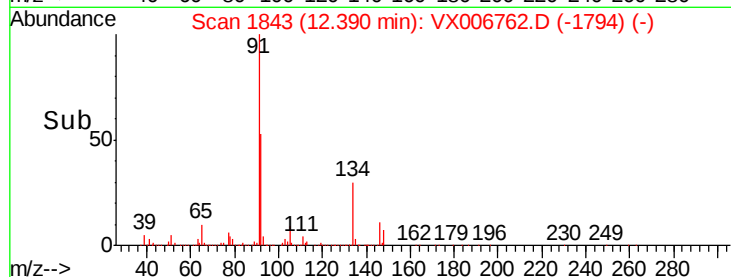
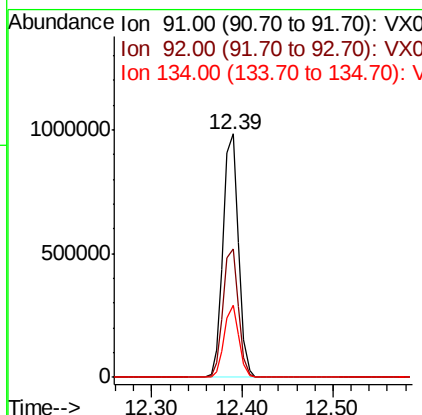
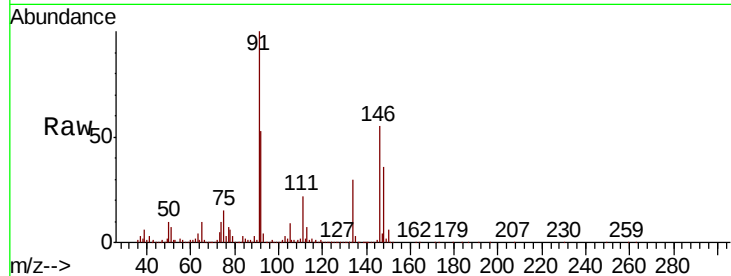




#89
n-Butylbenzene
Concen: 51.631 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

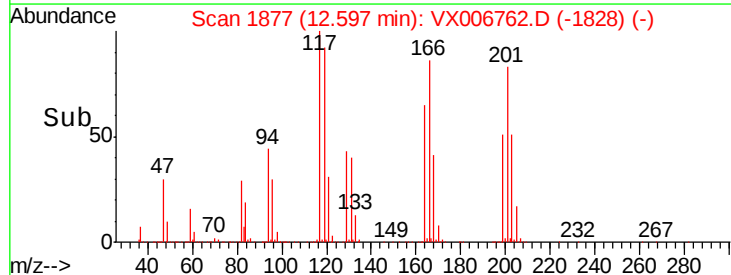
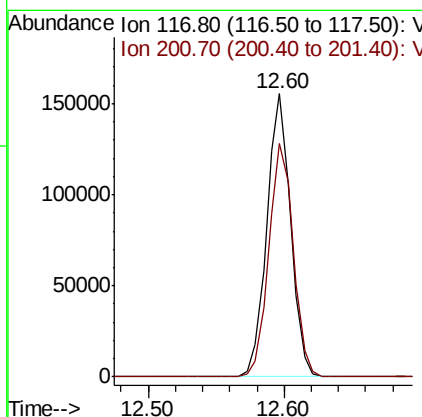
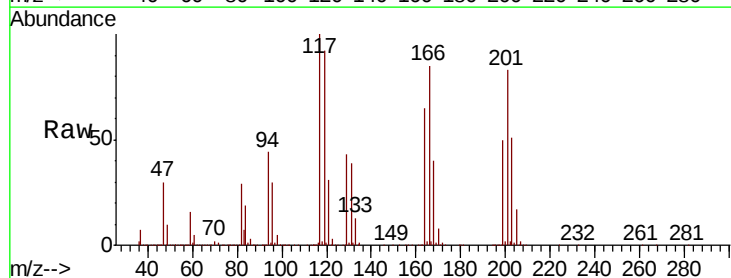
Instrument :
MSVOA_X
ClientSampled :

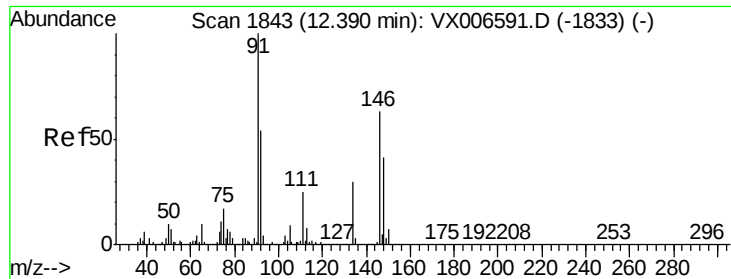
Tot Ion: 91 Resp: 1165090
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 46.382 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 117 Resp: 191417
Ion Ratio Lower Upper
117 100
201 84.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 46.116 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

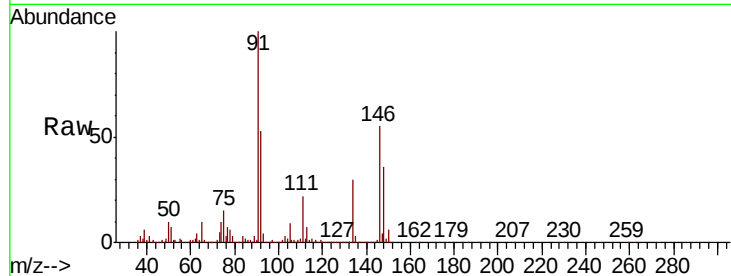
Tot Ion:146 Resp: 670826

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

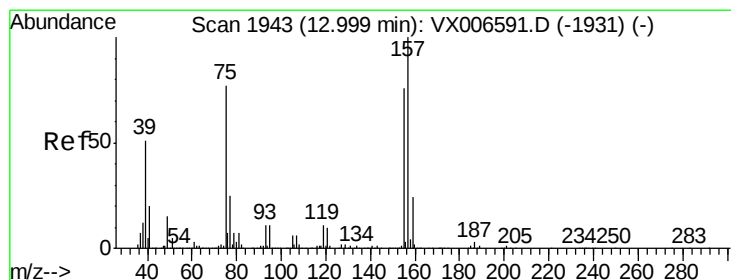
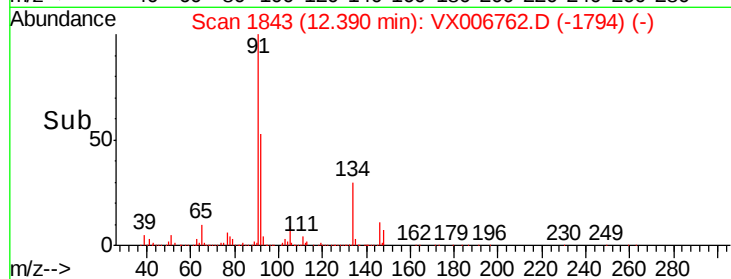
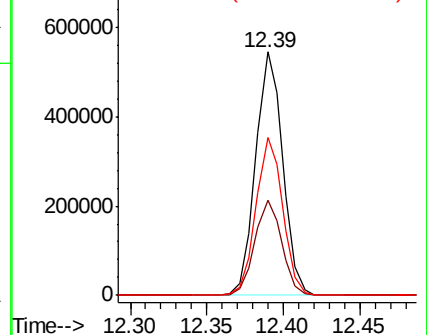
148 64.4 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.168 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

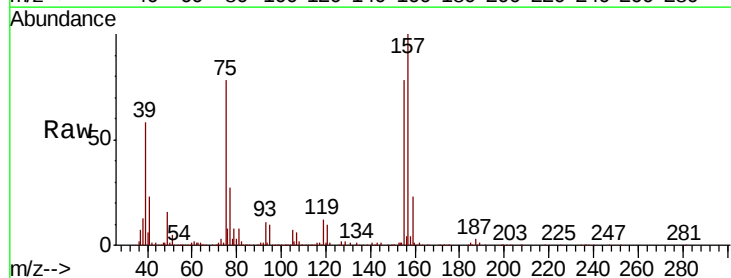
Tgt Ion: 75 Resp: 86624

Ion Ratio Lower Upper

75 100

155 101.6 50.6 151.8

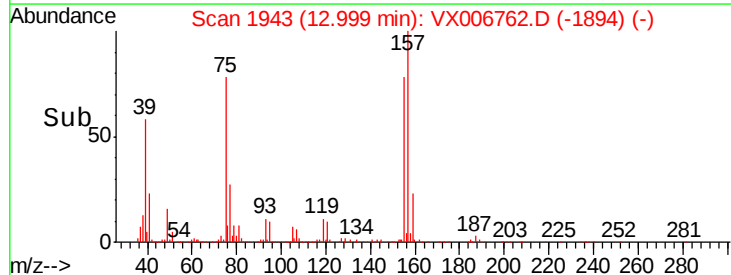
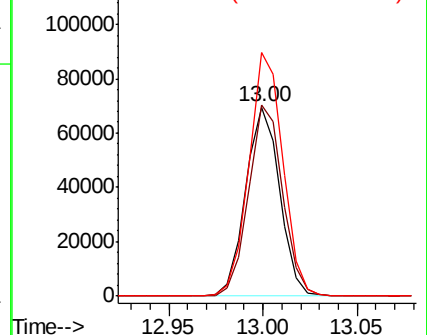
157 129.0 64.6 193.8

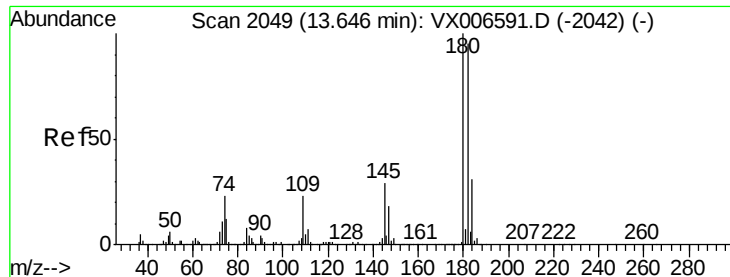


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

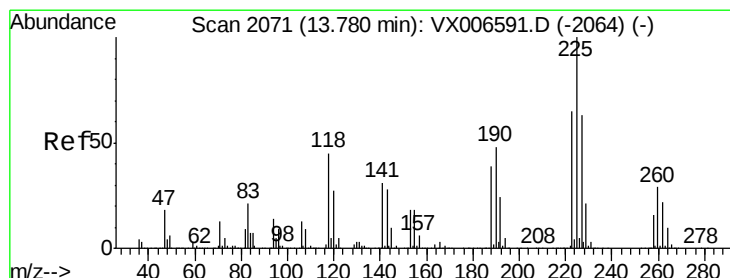
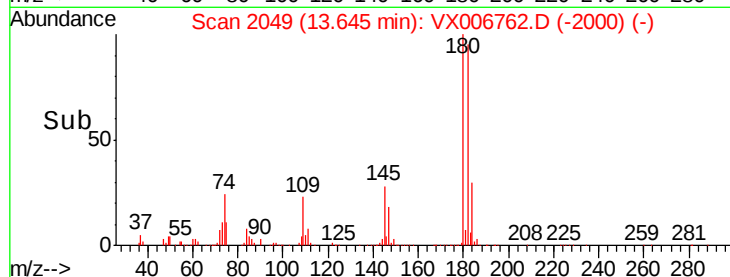
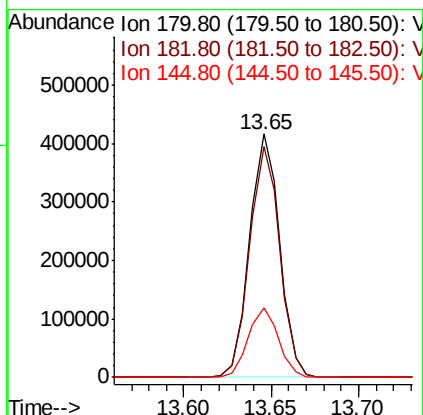
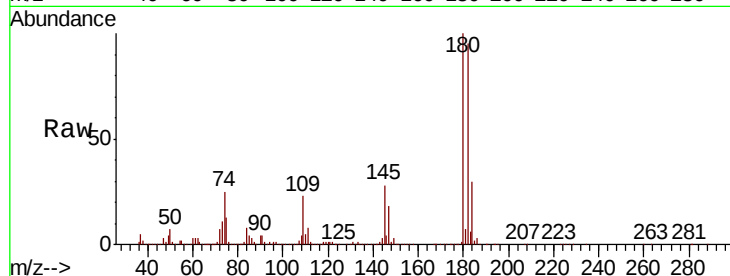




#93
 1,2,4-Trichlorobenzene
 Concen: 49.440 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

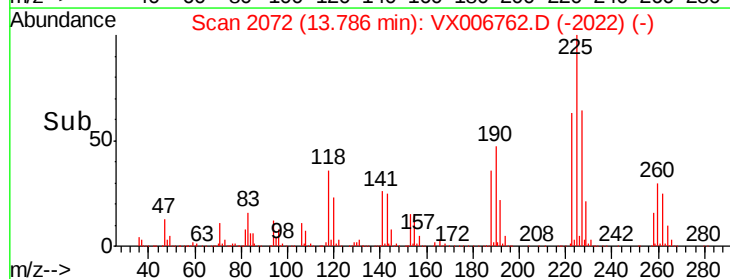
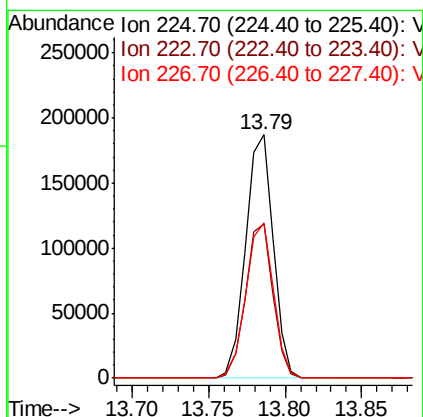
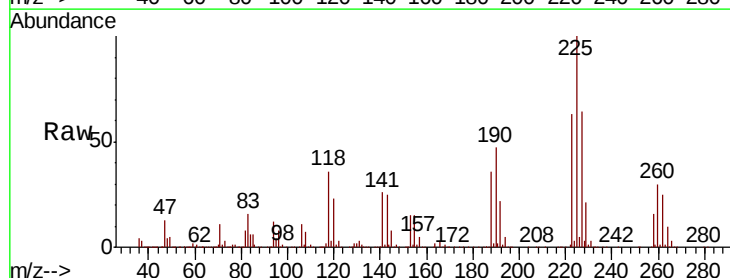
Instrument :
 MSVOA_X
 ClientSampled :

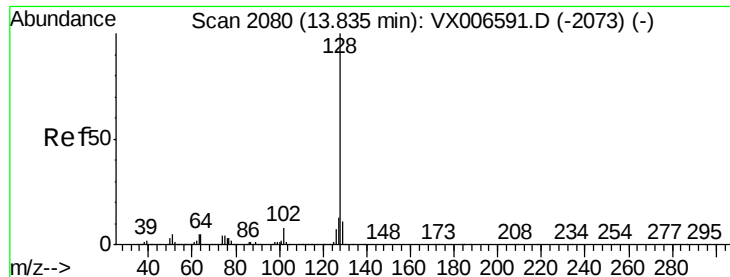
Tot Ion:180 Resp: 496090
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 28.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 49.485 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion:225 Resp: 234042
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.1 96.3
 227 63.8 32.3 96.8

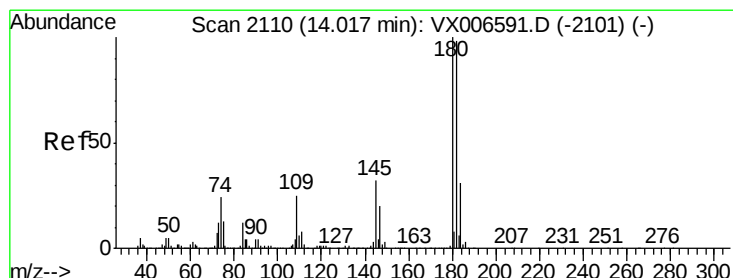
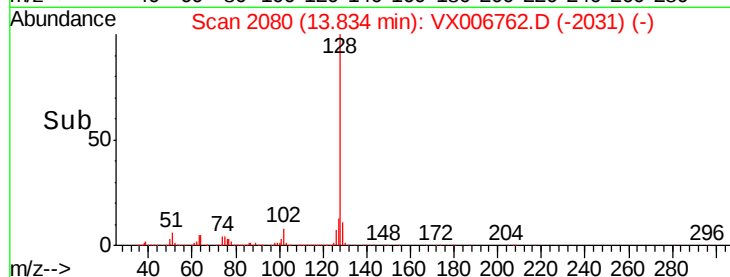
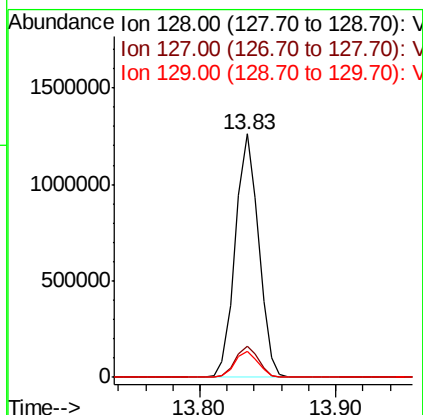
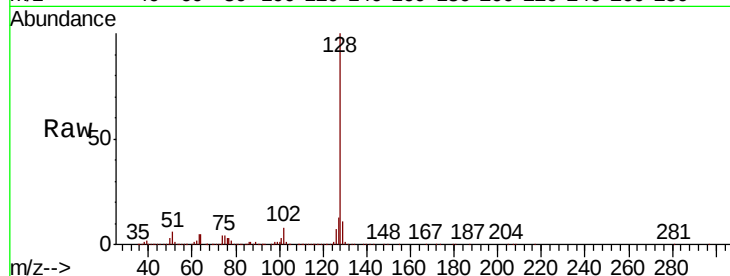




#95
Naphthalene
Concen: 47.107 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1508613
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.305 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:180 Resp: 490090
Ion Ratio Lower Upper
180 100
182 95.0 48.5 145.5
145 30.9 16.0 47.9

