

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101118\
 Data File : VX005278.D
 Acq On : 12 Oct 2018 02:15
 Operator : JC/MD
 Sample : J5317-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:15:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	241603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172823	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	140103	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.71	98	445582	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.14	95	173800	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	175885	53.393	ug/l	96
3) Chloromethane	1.32	50	185818	46.494	ug/l	98
4) Vinyl Chloride	1.40	62	194280	51.829	ug/l	100
5) Bromomethane	1.64	94	83822	37.710	ug/l	92
6) Chloroethane	1.70	64	113066	55.609	ug/l	94
7) Trichlorofluoromethane	1.92	101	234013	50.428	ug/l	99
8) Diethyl Ether	2.19	74	92591	45.928	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121625	46.011	ug/l	98
10) Methyl Iodide	2.50	142	131431	37.156	ug/l	92
11) Tert butyl alcohol	3.09	59	258835	268.218	ug/l	97
12) 1,1-Dichloroethene	2.37	96	132621	50.660	ug/l	93
13) Acrolein	2.29	56	90935	132.441	ug/l	95
14) Allyl chloride	2.73	41	247782	43.380	ug/l	96
15) Acrylonitrile	3.15	53	539872	254.133	ug/l	95
16) Acetone	2.45	43	513184	254.690	ug/l	100
17) Carbon Disulfide	2.56	76	374368	47.591	ug/l	99
18) Methyl Acetate	2.78	43	173678	34.021	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	464836	51.478	ug/l	98
20) Methylene Chloride	2.85	84	148441	50.680	ug/l #	87
21) trans-1,2-Dichloroethene	3.15	96	136767	47.725	ug/l	91
22) Diisopropyl ether	3.87	45	496582	51.629	ug/l #	83
23) Vinyl Acetate	3.82	43	1249929	141.969	ug/l	99
24) 1,1-Dichloroethane	3.69	63	269205	46.920	ug/l	100
25) 2-Butanone	4.70	43	730879	246.081	ug/l	93
26) 2,2-Dichloropropane	4.58	77	41379	10.357	ug/l	83
27) cis-1,2-Dichloroethene	4.59	96	157747	49.275	ug/l	89
28) Bromochloromethane	5.02	49	97698	36.160	ug/l	98
29) Tetrahydrofuran	5.15	42	481622	260.899	ug/l	99
30) Chloroform	5.21	83	249563	46.024	ug/l	99
31) Cyclohexane	5.57	56	233072	53.076	ug/l #	81
32) 1,1,1-Trichloroethane	5.49	97	223189	50.399	ug/l	94
36) 1,1-Dichloropropene	5.79	75	196770	53.480	ug/l	90
37) Ethyl Acetate	4.85	43	160738	32.911	ug/l	98
38) Carbon Tetrachloride	5.79	117	194799	50.366	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181133	48.212	ug/l #	85
40) Benzene	6.14	78	566011	49.138	ug/l	99
41) Methacrylonitrile	5.06	41	142741	52.701	ug/l	94
42) 1,2-Dichloroethane	6.20	62	201240	49.420	ug/l	97
43) Isopropyl Acetate	6.46	43	248947	35.315	ug/l	95
44) Trichloroethene	7.21	130	147493	52.087	ug/l	97
45) 1,2-Dichloropropane	7.52	63	134872	47.746	ug/l	100
46) Dibromomethane	7.66	93	88819	50.031	ug/l	99
47) Bromodichloromethane	7.90	83	171627	51.636	ug/l	99
48) Methyl methacrylate	7.78	41	172706	53.978	ug/l	99
49) 1,4-Dioxane	7.76	88	85893	1080.563	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1183690	266.686	ug/l	99
52) Toluene	8.79	92	316314	49.975	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	149728	39.864	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	158797	40.364	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	131981	47.604	ug/l	95
56) Ethyl methacrylate	9.18	69	206815	46.200	ug/l	97
57) 1,3-Dichloropropane	9.37	76	219261	47.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.27	63	1750	14.933	ug/l #	49
59) 2-Hexanone	9.50	43	964163	260.676	ug/l	95
60) Dibromochloromethane	9.59	129	141789	51.137	ug/l	98
61) 1,2-Dibromoethane	9.68	107	138118	46.517	ug/l	96
64) Tetrachloroethene	9.34	164	127636	43.345	ug/l	94
65) Chlorobenzene	10.14	112	356313	46.444	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	133471	49.486	ug/l	99
67) Ethyl Benzene	10.26	91	604508	49.630	ug/l	96
68) m/p-Xylenes	10.36	106	468609	98.454	ug/l	95
69) o-Xylene	10.70	106	228121	52.181	ug/l	99
70) Styrene	10.71	104	384348	47.135	ug/l	100
71) Bromoform	10.86	173	120260	52.081	ug/l	96
73) Isopropylbenzene	11.02	105	615171	57.513	ug/l	99
74) N-amyl acetate	10.90	43	175700	30.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225192	51.720	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231320	60.818	ug/l	84
77) Bromobenzene	11.26	156	169595	54.589	ug/l	97
78) n-propylbenzene	11.36	91	695353	56.659	ug/l	99
79) 2-Chlorotoluene	11.42	91	423883	55.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	524922	53.559	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	39719	29.337	ug/l	99
82) 4-Chlorotoluene	11.51	91	495159	54.993	ug/l	100
83) tert-Butylbenzene	11.77	119	530435	60.232	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	541563	53.581	ug/l	99
85) sec-Butylbenzene	11.94	105	612815	57.130	ug/l	99
86) p-Isopropyltoluene	12.07	119	552339	56.835	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	307120	52.940	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	314203	52.467	ug/l	100
89) n-Butylbenzene	12.39	91	464459	52.623	ug/l	99
90) Hexachloroethane	12.60	117	96412	59.584	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	319013	52.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55244	57.786	ug/l	98

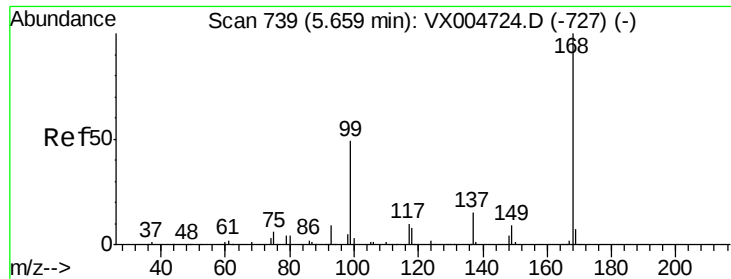
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101118\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232640	54.703	ug/l	100
94) Hexachlorobutadiene	13.79	225	108649	49.267	ug/l	99
95) Naphthalene	13.83	128	766518	54.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	247821	56.410	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

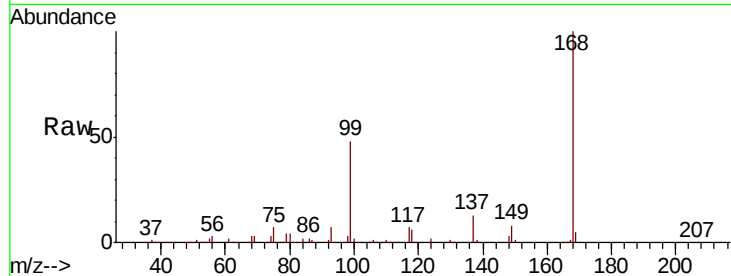
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 241603

Ion Ratio Lower Upper

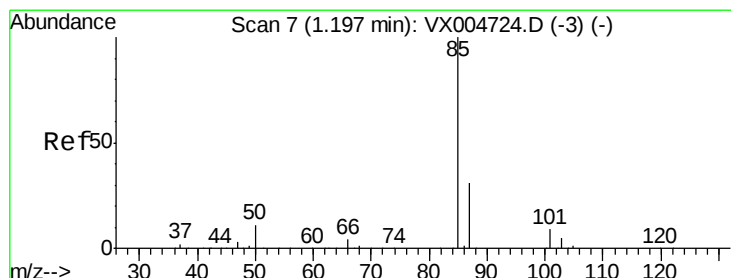
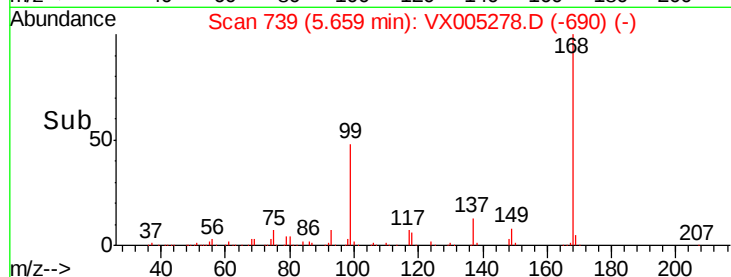
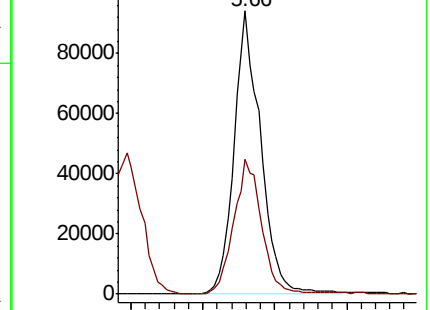
168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.393 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX005278.D

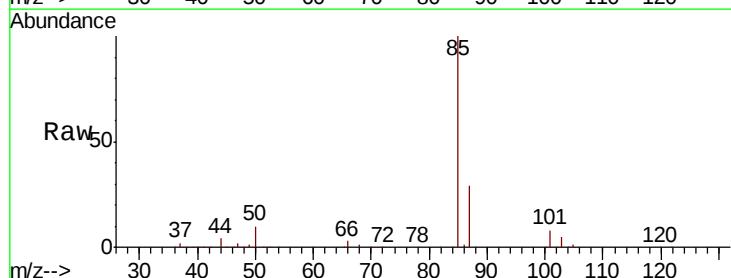
Acq: 12 Oct 2018 02:15

Tgt Ion: 85 Resp: 175885

Ion Ratio Lower Upper

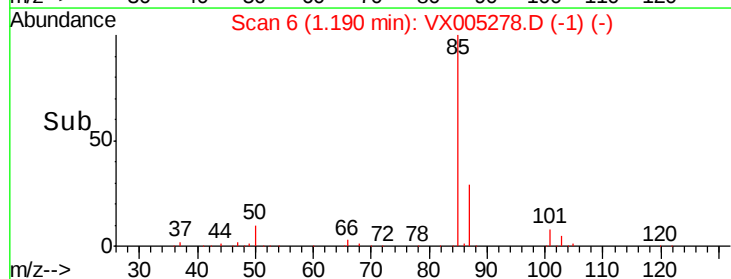
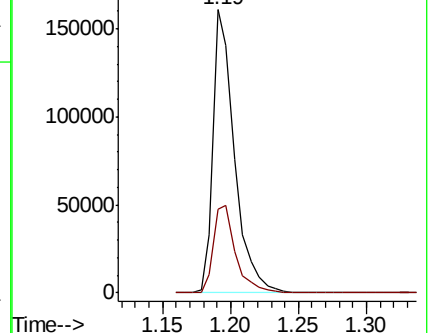
85 100

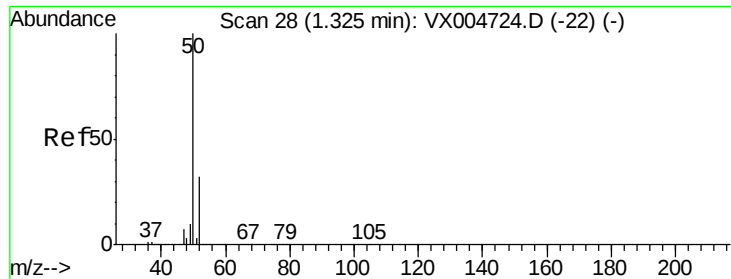
87 29.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.494 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

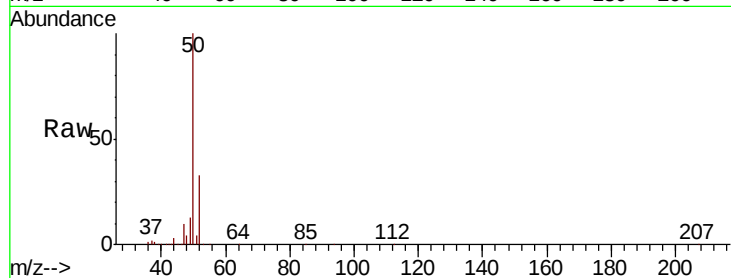
ClientSampleId :

Tot Ion: 50 Resp: 185818

Ion Ratio Lower Upper

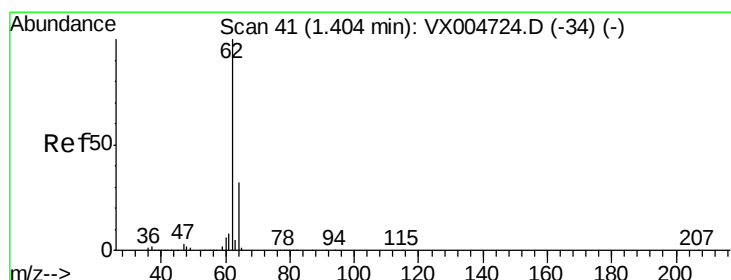
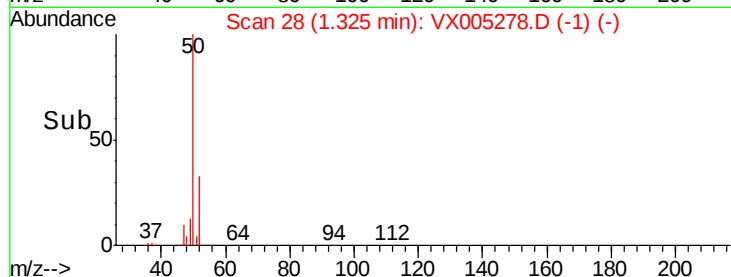
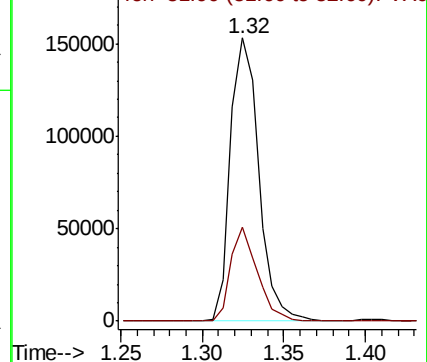
50 100

52 33.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.829 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005278.D

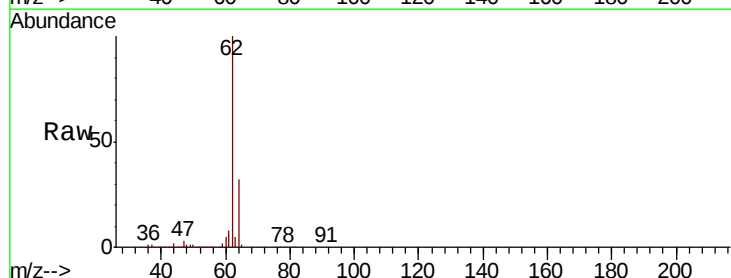
Acq: 12 Oct 2018 02:15

Tgt Ion: 62 Resp: 194280

Ion Ratio Lower Upper

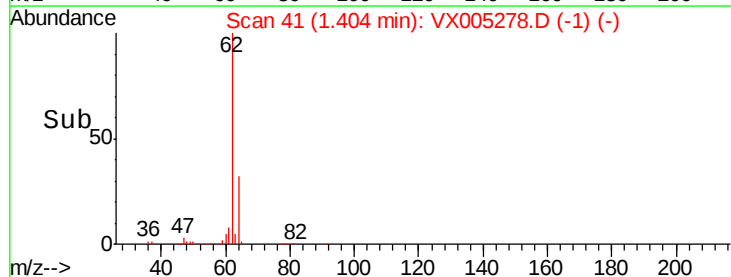
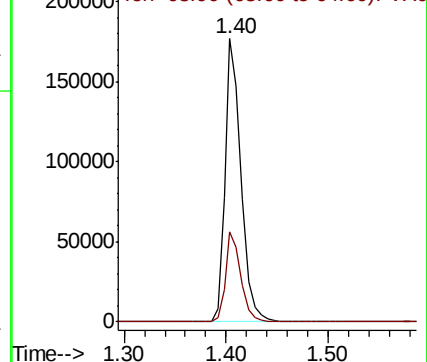
62 100

64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.710 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

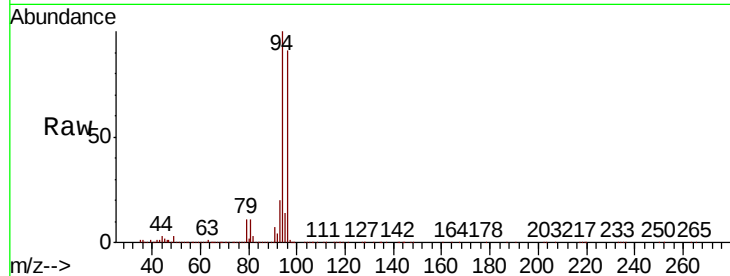
ClientSampleId :

Tot Ion: 94 Resp: 83822

Ion Ratio Lower Upper

94 100

96 91.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

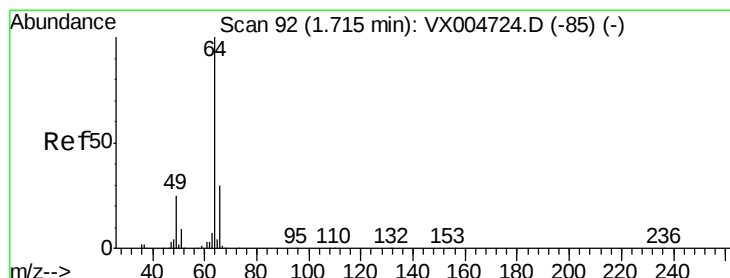
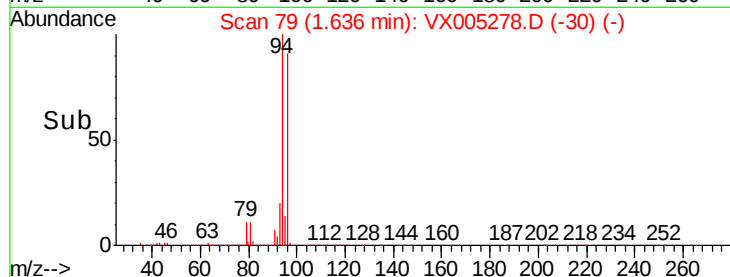
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 55.609 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005278.D

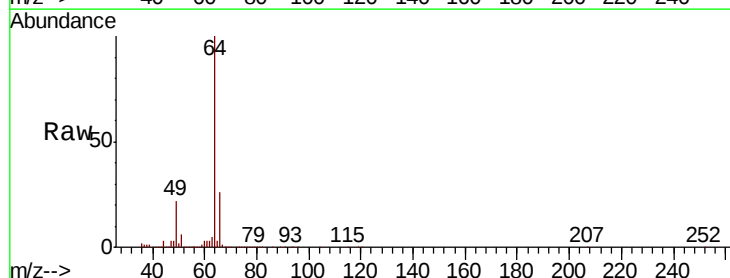
Acq: 12 Oct 2018 02:15

Tgt Ion: 64 Resp: 113066

Ion Ratio Lower Upper

64 100

66 26.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

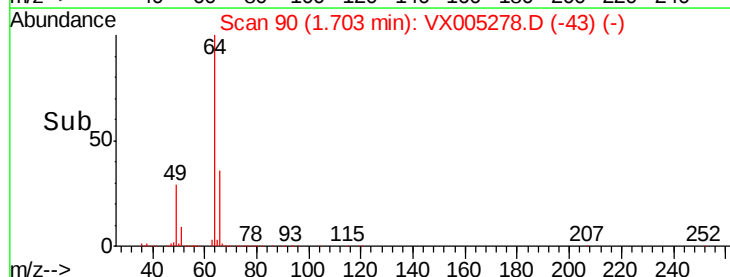
40000

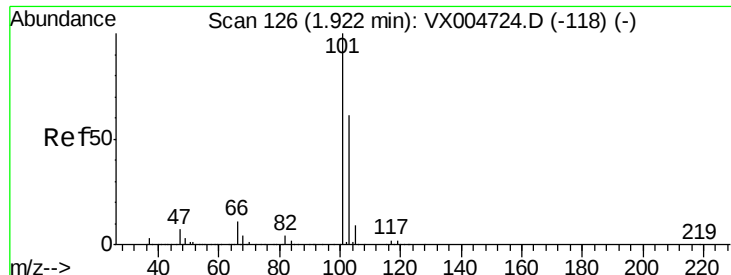
20000

0

1.60 1.70 1.80

Time-->



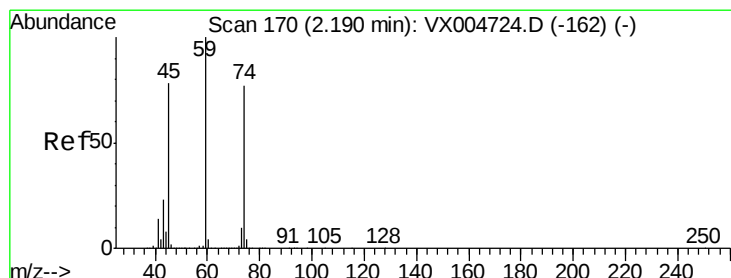
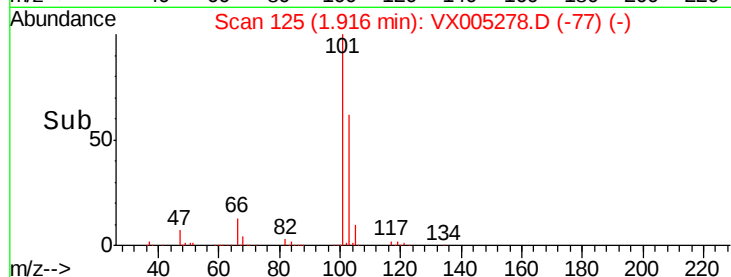
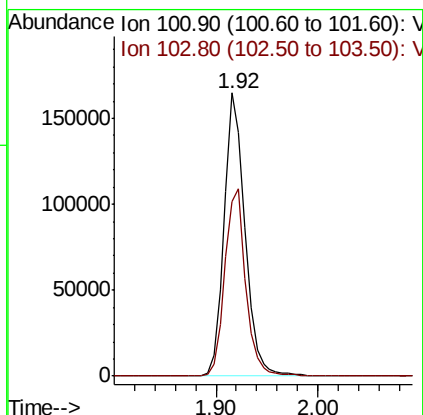
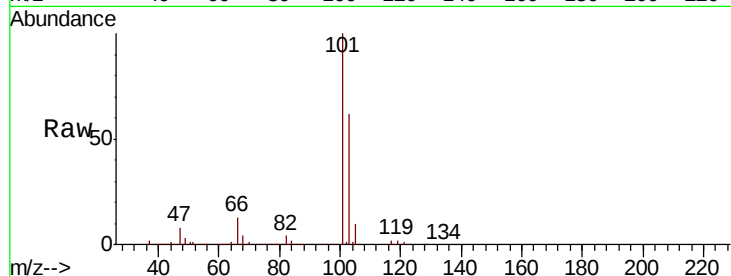


#7

Trichlorofluoromethane
 Concen: 50.428 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Instrument :
 MSVOA_X
 ClientSampleId :

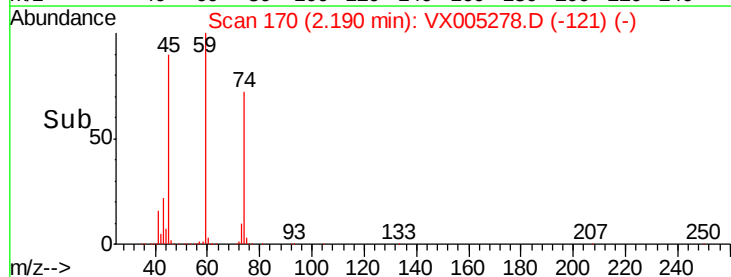
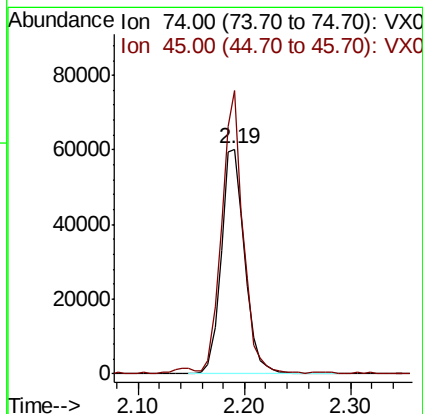
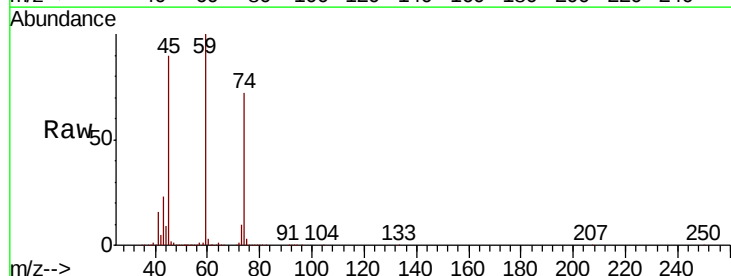
Tot Ion:101 Resp: 234013
 Ion Ratio Lower Upper
 101 100
 103 61.6 48.4 72.6

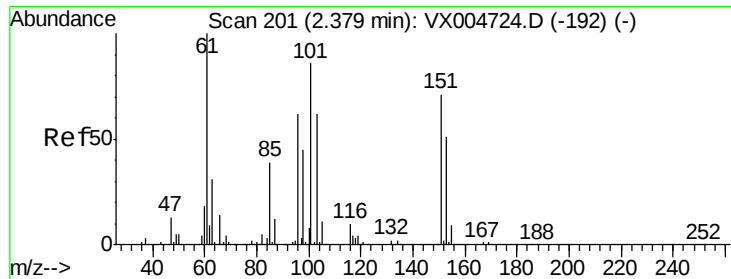


#8

Diethyl Ether
 Concen: 45.928 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion: 74 Resp: 92591
 Ion Ratio Lower Upper
 74 100
 45 112.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.011 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

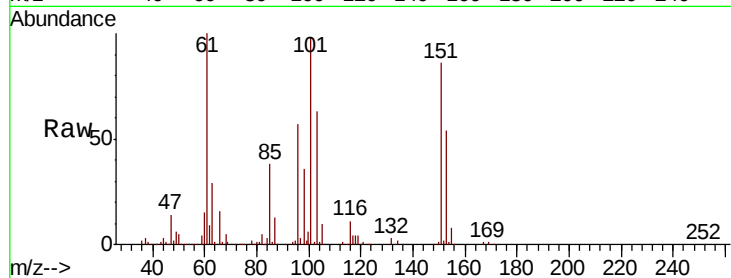
Tot Ion:101 Resp: 121625

Ion Ratio Lower Upper

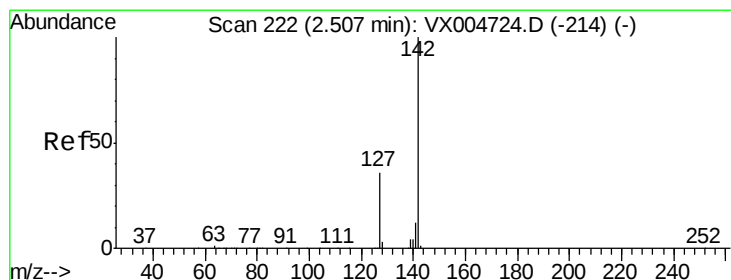
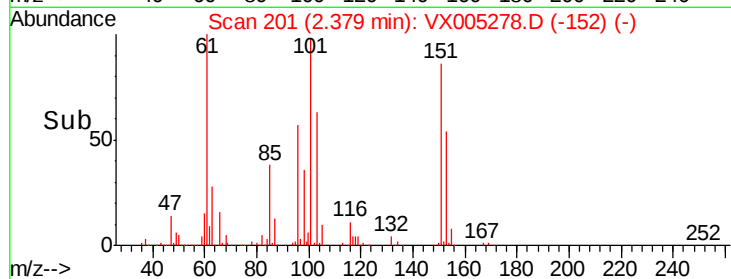
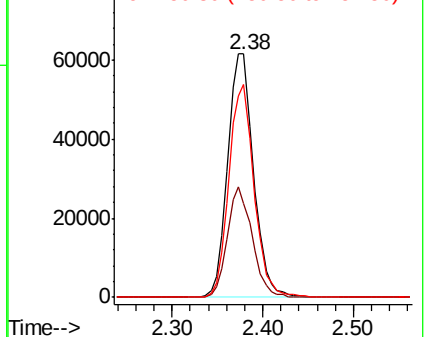
101 100

85 43.6 35.9 53.9

151 85.1 66.6 100.0



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



#10

Methyl Iodide

Concen: 37.156 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

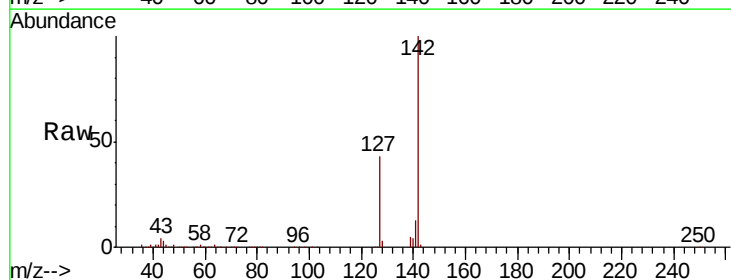
Tgt Ion:142 Resp: 131431

Ion Ratio Lower Upper

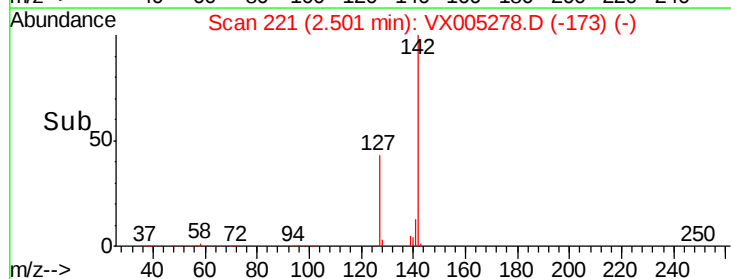
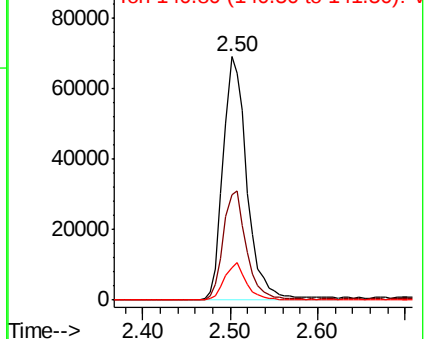
142 100

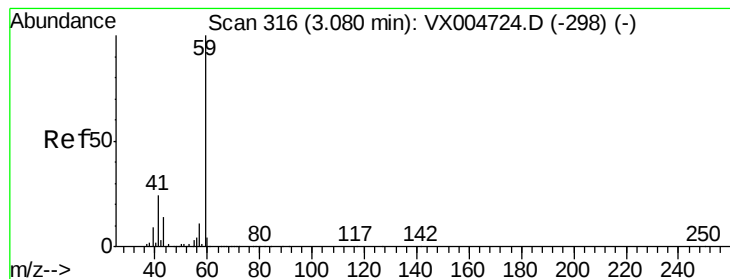
127 43.5 30.1 45.1

141 14.3 10.1 15.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



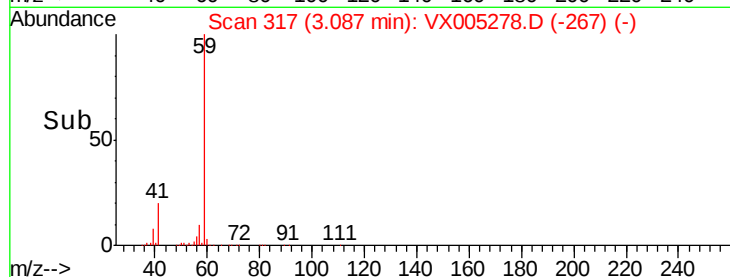
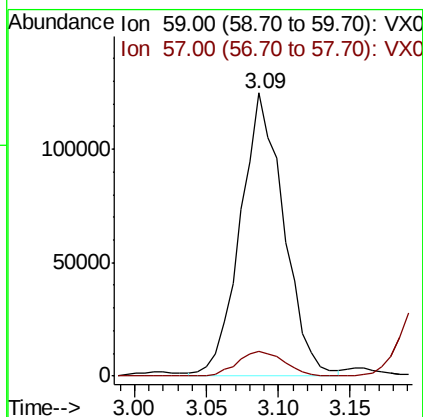
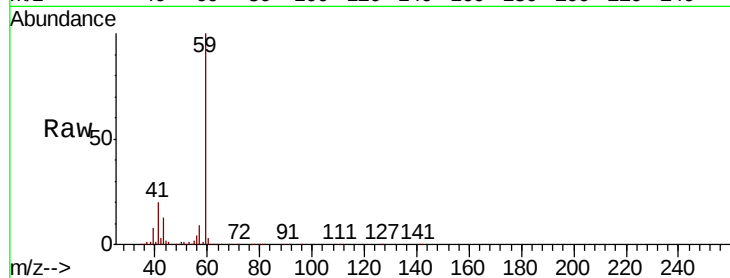


#11

Tert butyl alcohol
Concen: 268.218 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Instrument :
MSVOA_X
ClientSampled :

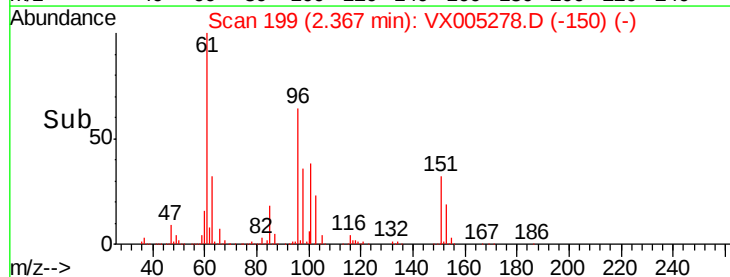
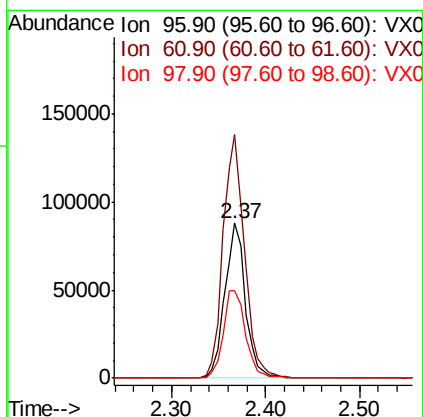
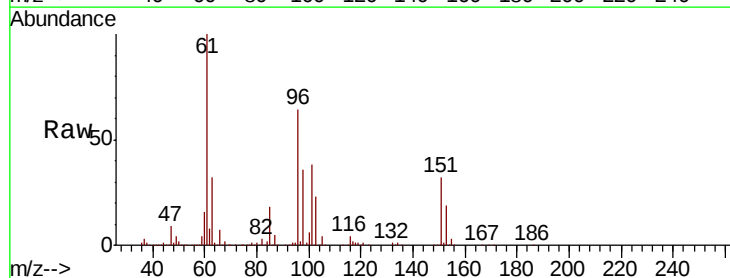
Tot Ion: 59 Resp: 258835
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8



#12

1,1-Dichloroethene
Concen: 50.660 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 96 Resp: 132621
Ion Ratio Lower Upper
96 100
61 157.0 130.2 195.4
98 56.8 53.4 80.0





#13

Acrolein

Concen: 132.441 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

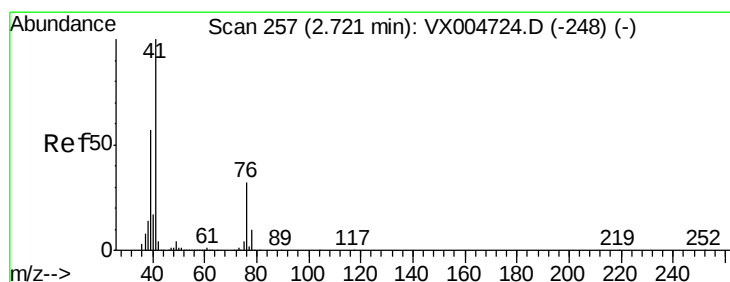
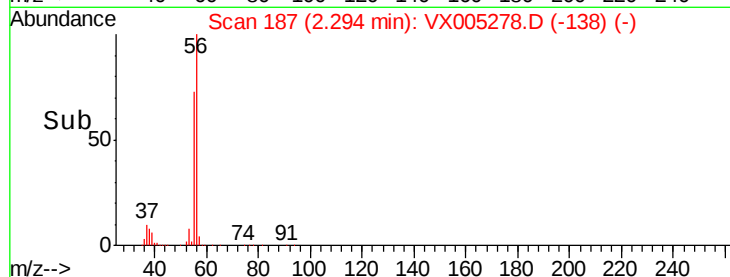
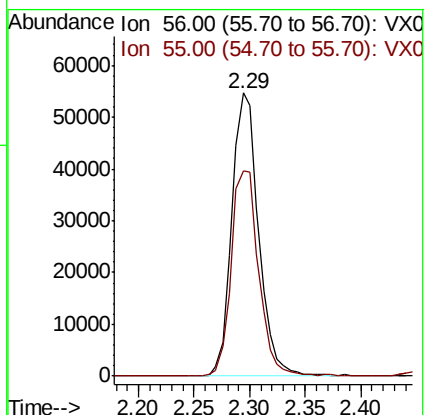
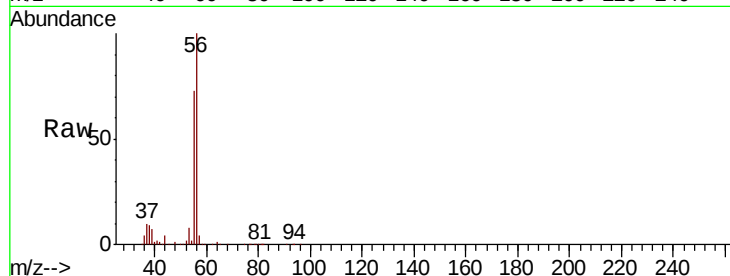
ClientSampleId :

Tot Ion: 56 Resp: 90935

Ion Ratio Lower Upper

56 100

55 75.0 63.4 95.2



#14

Allyl chloride

Concen: 43.380 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

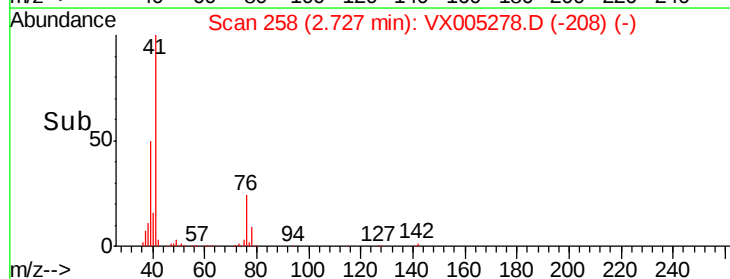
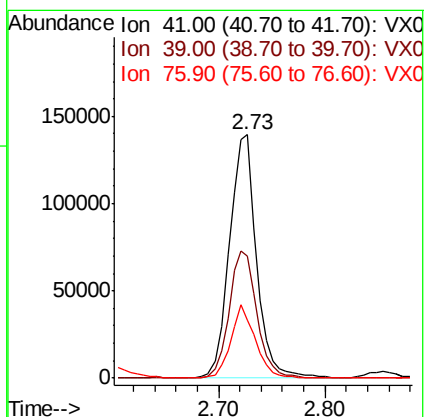
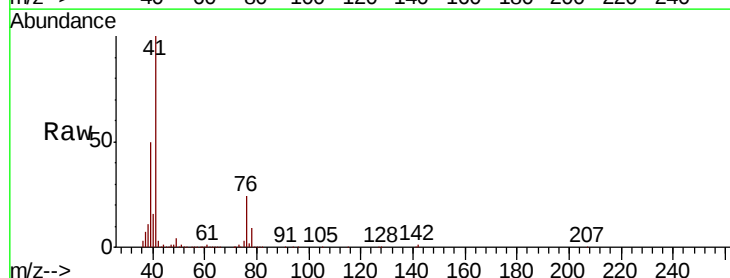
Tgt Ion: 41 Resp: 247782

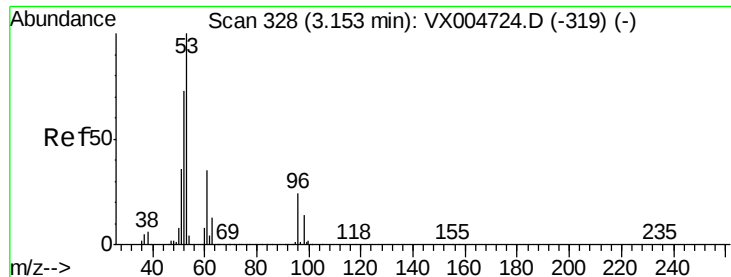
Ion Ratio Lower Upper

41 100

39 53.3 44.1 66.1

76 27.1 25.0 37.4



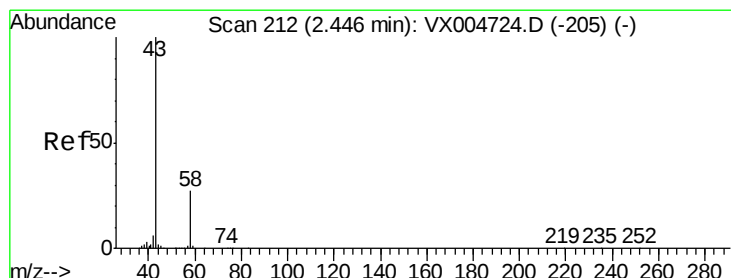
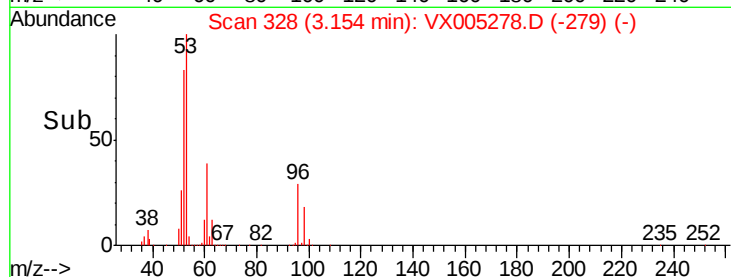
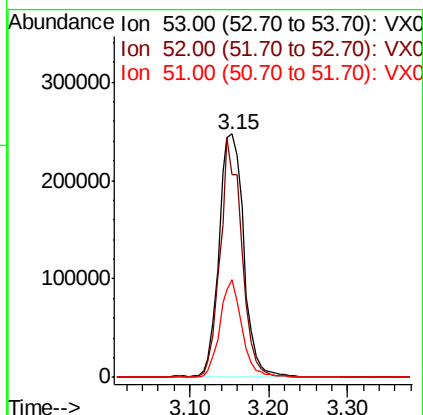
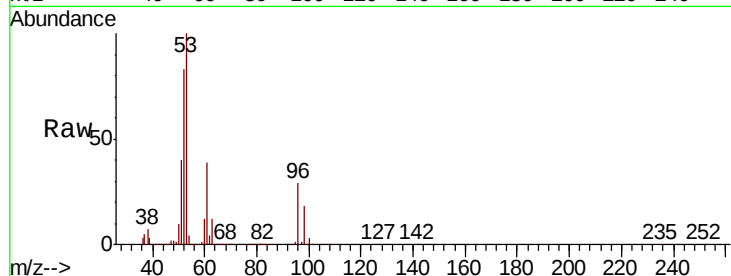


#15
 Acrylonitrile
 Concen: 254.133 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 539872

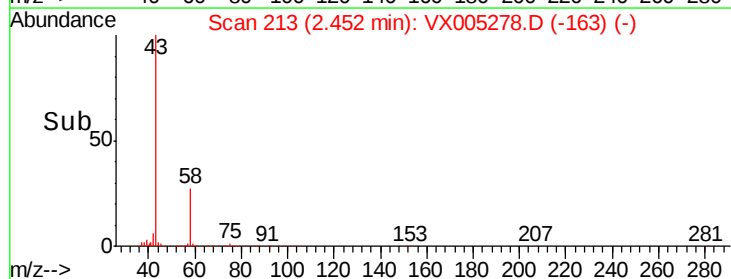
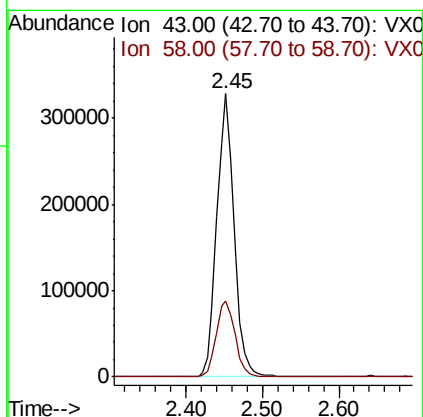
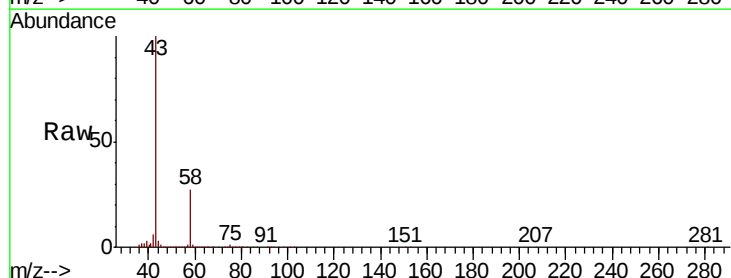
Ion	Ratio	Lower	Upper
53	100		
52	84.8	63.0	94.4
51	35.8	28.6	42.8



#16
 Acetone
 Concen: 254.690 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion: 43 Resp: 513184

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.8	32.6

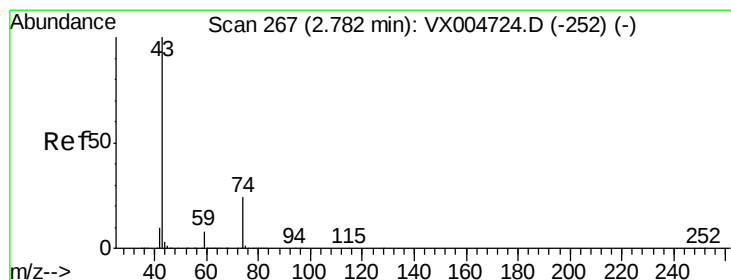
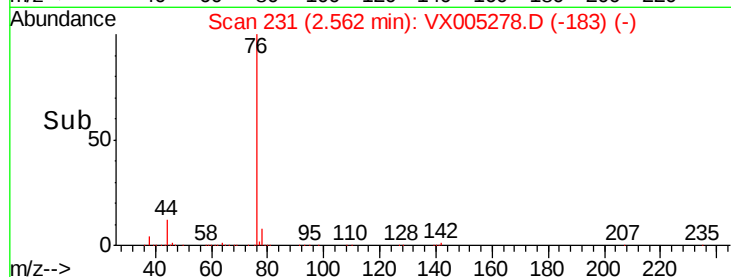
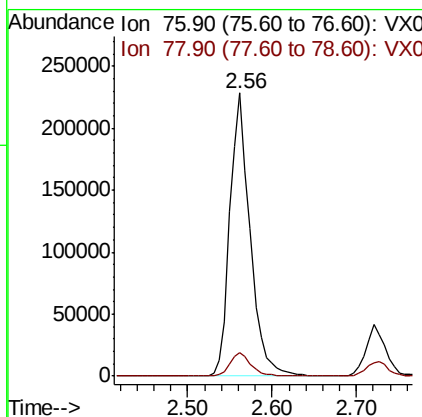
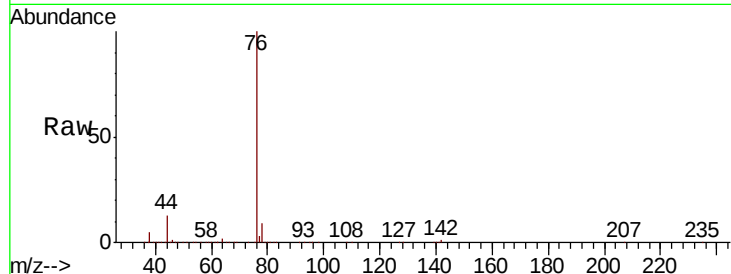




#17
Carbon Disulfide
Concen: 47.591 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

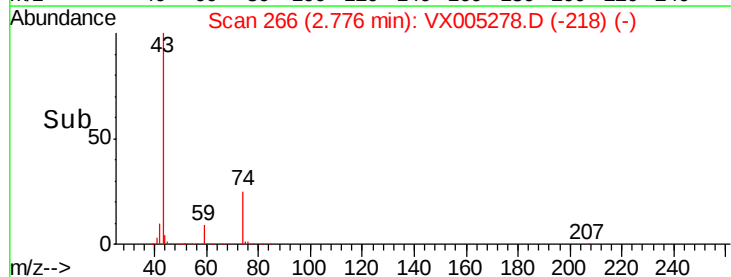
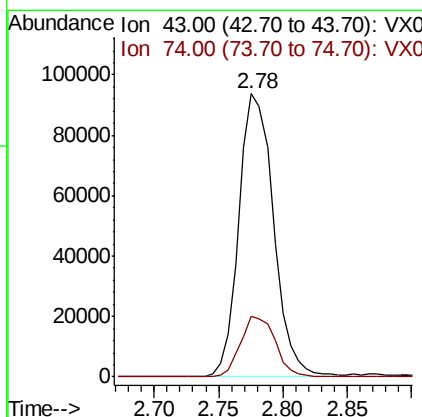
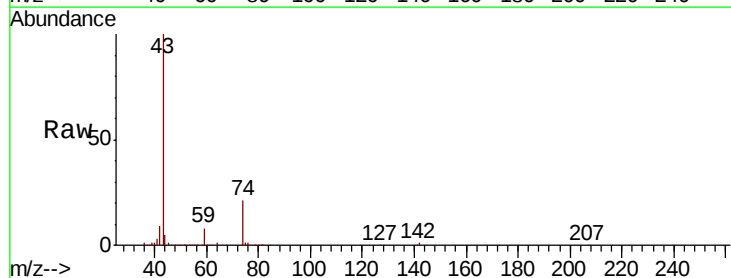
Instrument :
MSVOA_X
ClientSampled :

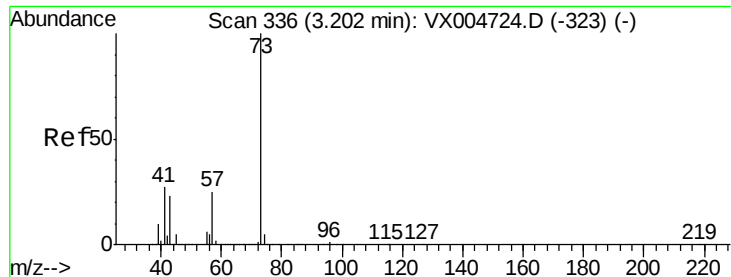
Tot Ion: 76 Resp: 374368
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 34.021 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 43 Resp: 173678
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.8

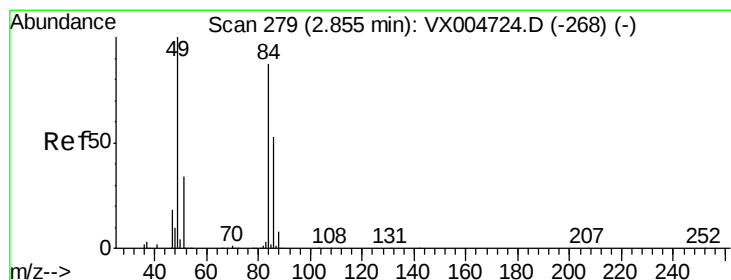
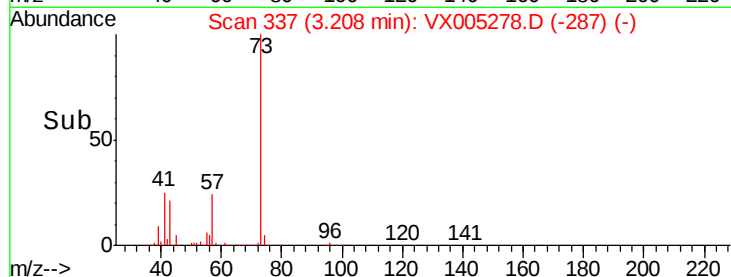
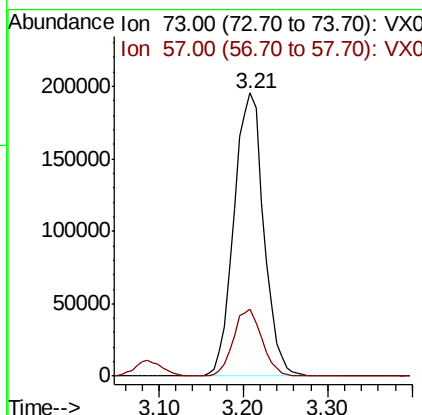
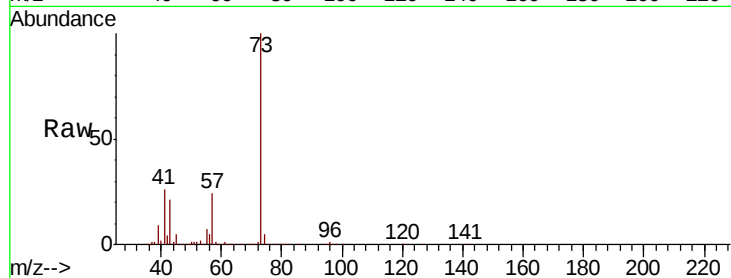




#19
Methyl tert-butyl Ether
Concen: 51.478 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

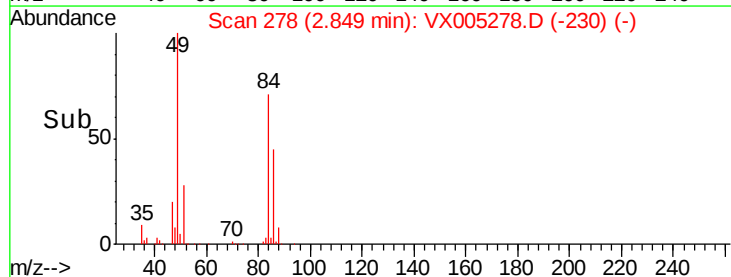
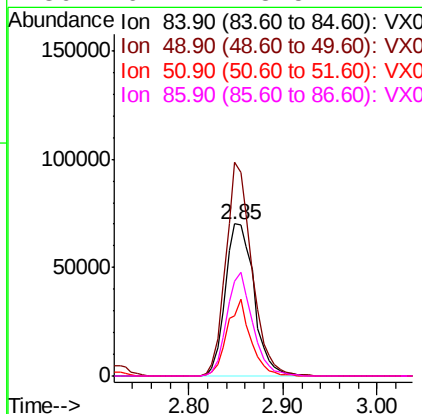
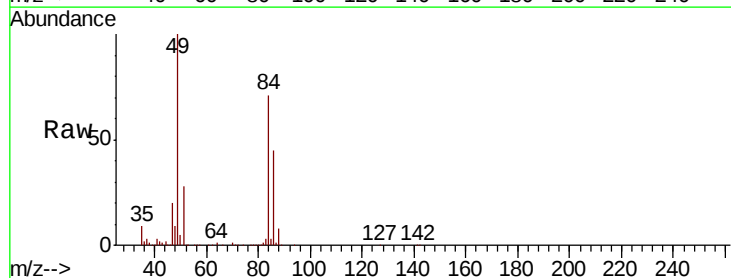
Instrument :
MSVOA_X
ClientSampleId :

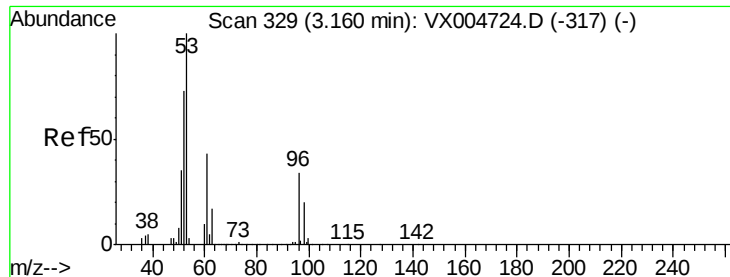
Tot Ion: 73 Resp: 464836
Ion Ratio Lower Upper
73 100
57 23.8 19.9 29.9



#20
Methylene Chloride
Concen: 50.680 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 84 Resp: 148441
Ion Ratio Lower Upper
84 100
49 140.5 92.3 138.5#
51 39.4 31.8 47.6
86 62.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 47.725 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

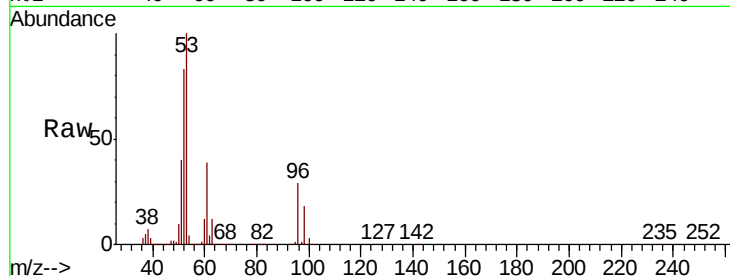
Tot Ion: 96 Resp: 136767

Ion Ratio Lower Upper

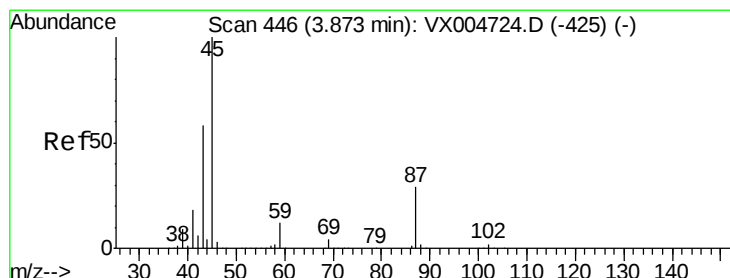
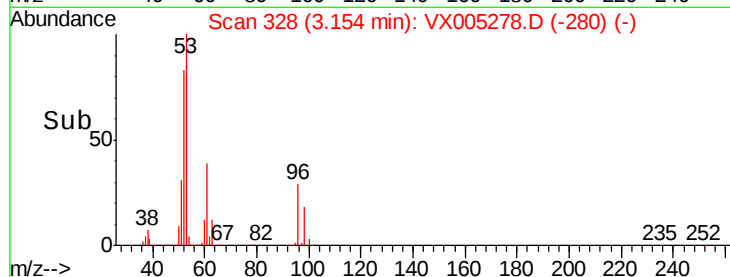
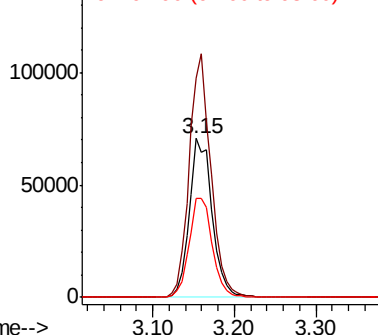
96 100

61 138.0 101.0 151.6

98 62.8 47.2 70.8



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



#22

Diisopropyl ether

Concen: 51.629 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Tgt Ion: 45 Resp: 496582

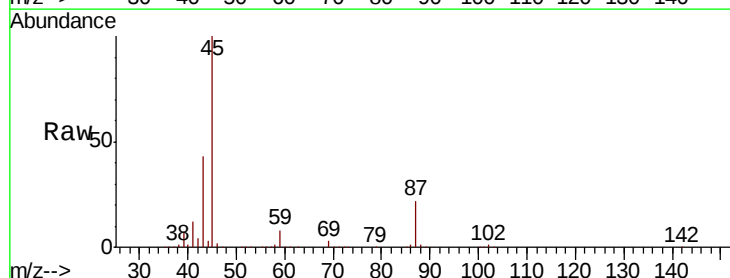
Ion Ratio Lower Upper

45 100

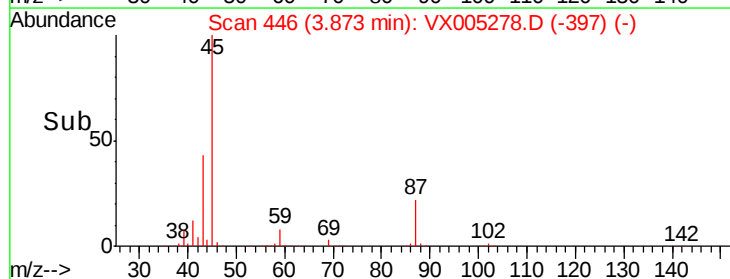
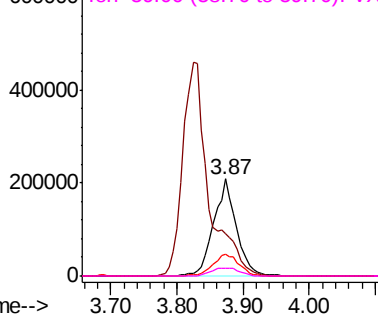
43 42.9 46.7 70.1#

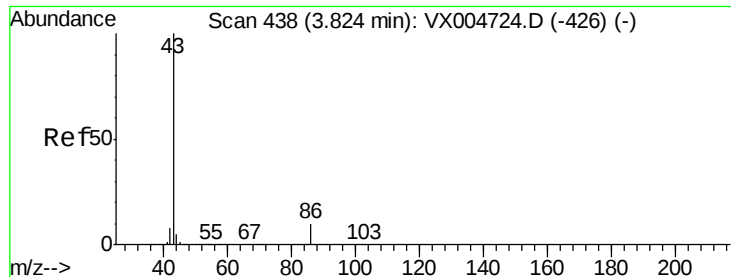
87 22.1 22.9 34.3#

59 8.3 9.3 13.9#



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





#23

Vinyl Acetate

Concen: 141.969 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

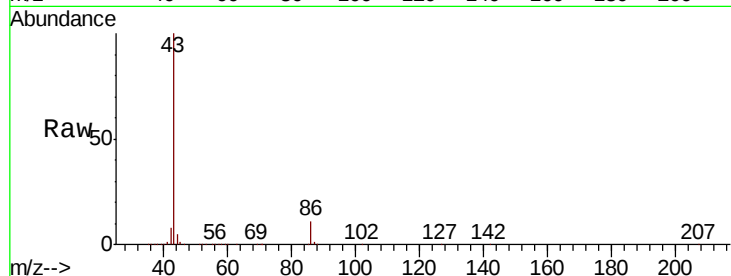
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1249929

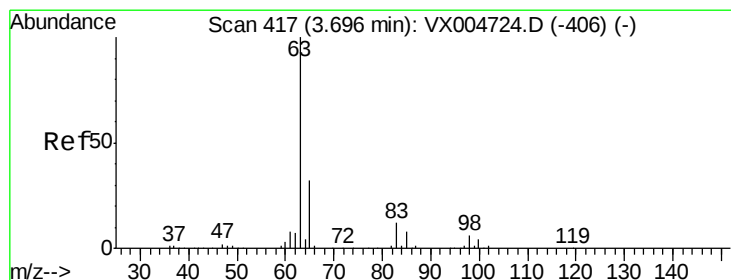
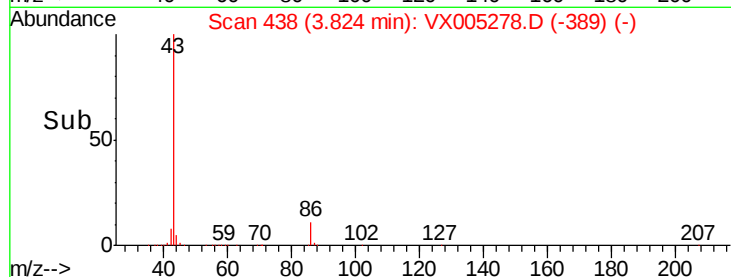
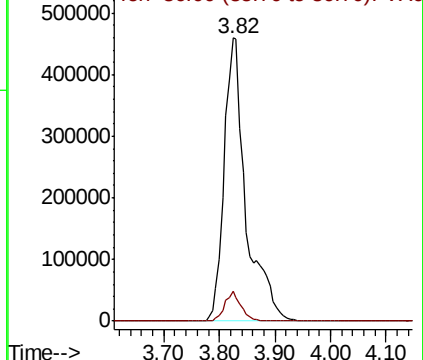
Ion Ratio Lower Upper

43 100

86 10.6 8.1 12.1



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



#24

1,1-Dichloroethane

Concen: 46.920 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

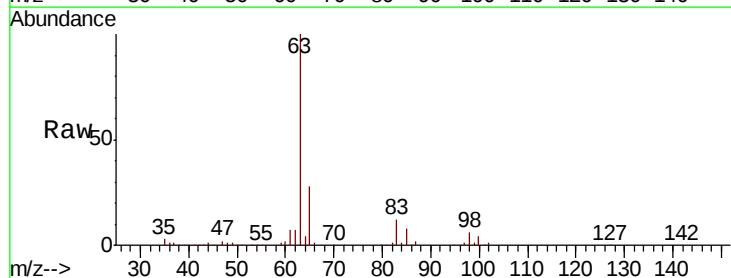
Tgt Ion: 63 Resp: 269205

Ion Ratio Lower Upper

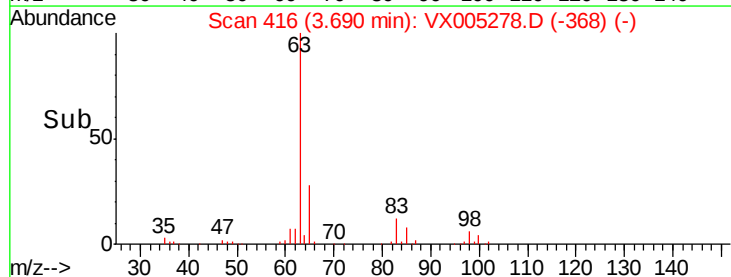
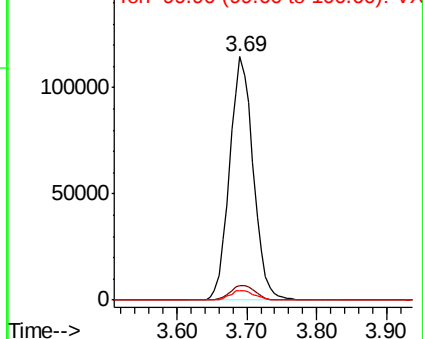
63 100

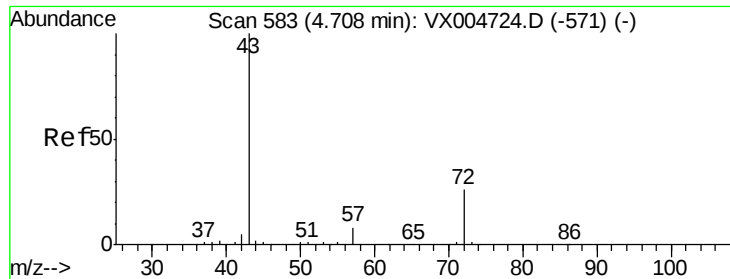
98 6.2 3.0 9.2

100 3.8 2.0 5.8



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





#25

2-Butanone

Concen: 246.081 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

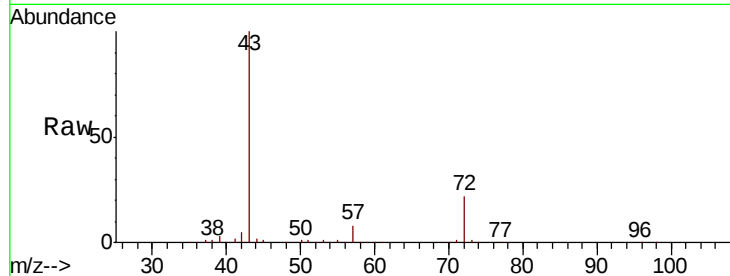
ClientSampled :

Tot Ion: 43 Resp: 730879

Ion Ratio Lower Upper

43 100

72 22.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

250000

200000

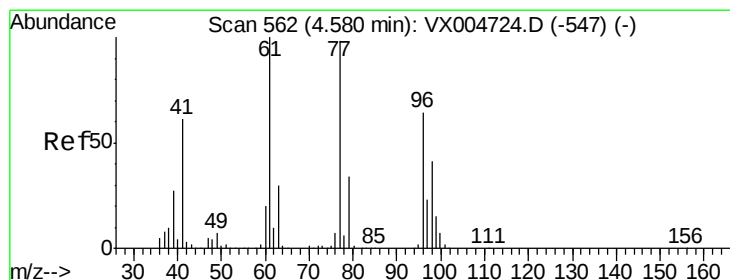
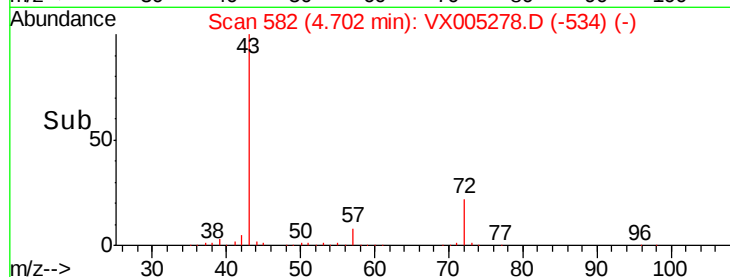
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 10.357 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005278.D

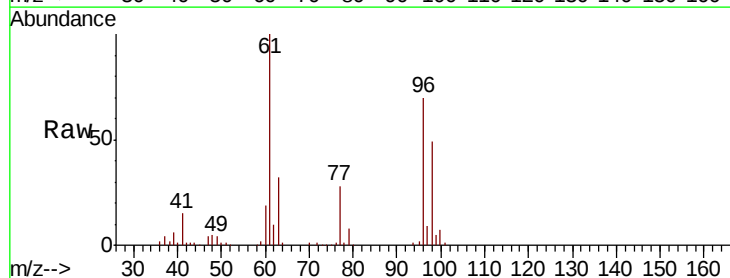
Acq: 12 Oct 2018 02:15

Tgt Ion: 77 Resp: 41379

Ion Ratio Lower Upper

77 100

97 33.7 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

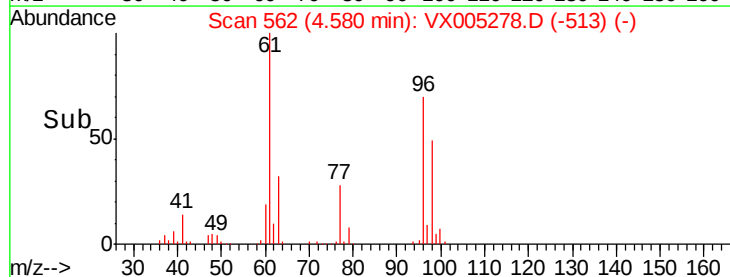
15000

10000

5000

0

Time-->



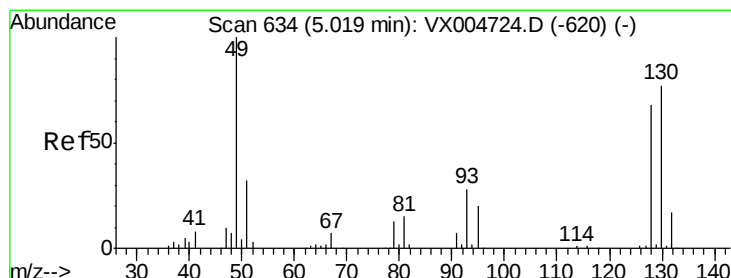
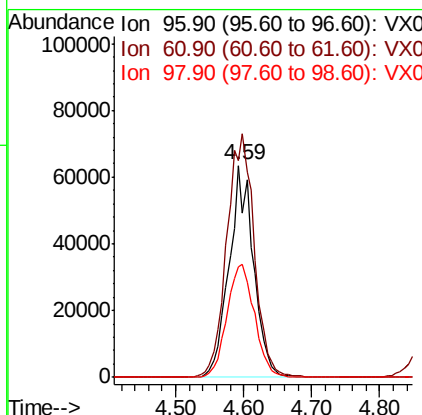
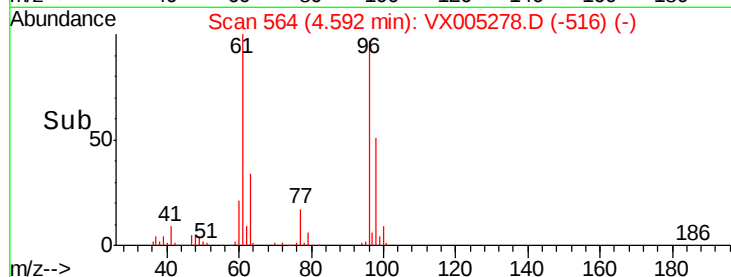
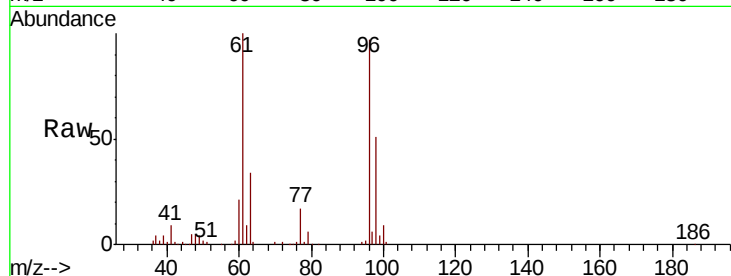


#27

cis-1,2-Dichloroethene
Concen: 49.275 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :

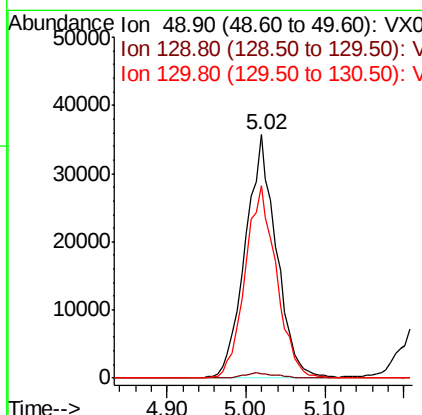
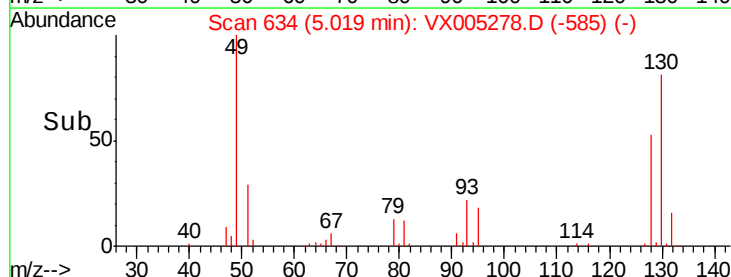
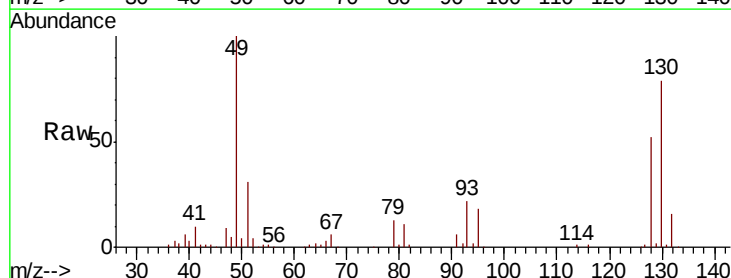
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	285.8
98	59.9	0.0	136.2



#28

Bromochloromethane
Concen: 36.160 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	79.4	62.0	93.0





#29

Tetrahydrofuran

Concen: 260.899 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

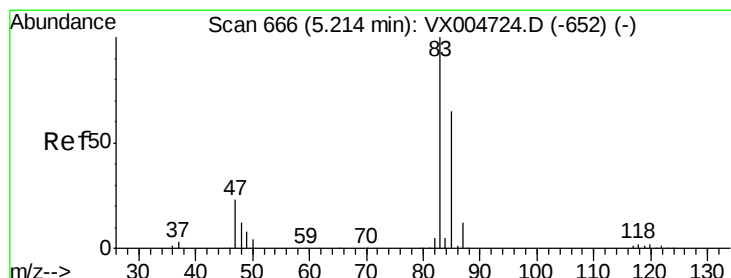
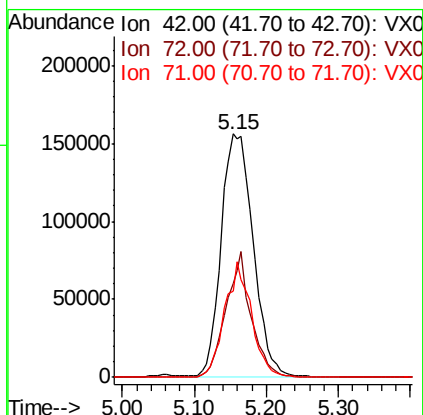
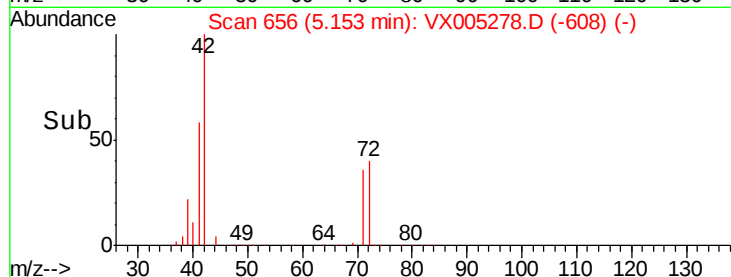
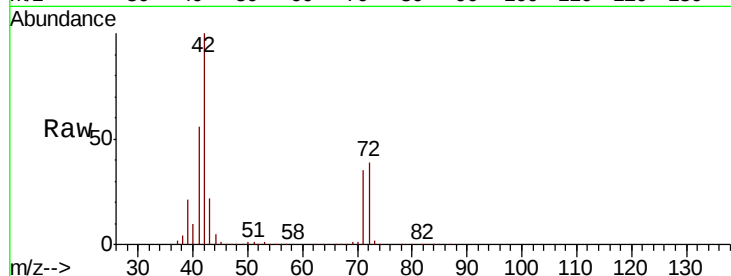
Tot Ion: 42 Resp: 481622

Ion Ratio Lower Upper

42 100

72 40.9 33.7 50.5

71 40.0 32.2 48.4



#30

Chloroform

Concen: 46.024 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005278.D

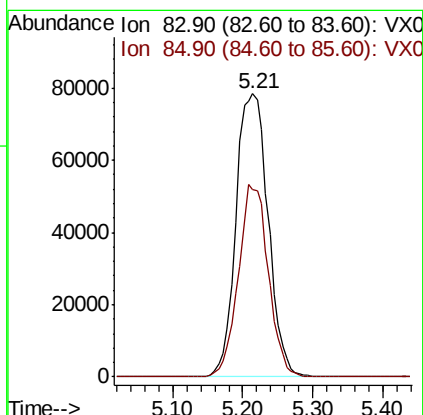
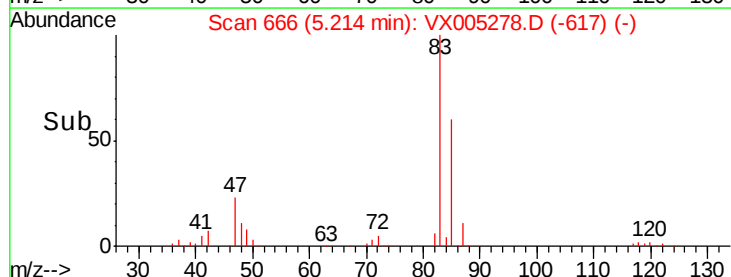
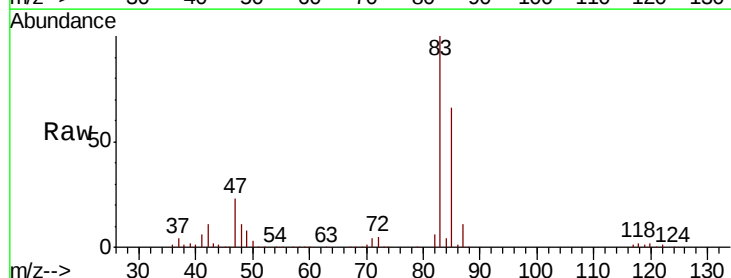
Acq: 12 Oct 2018 02:15

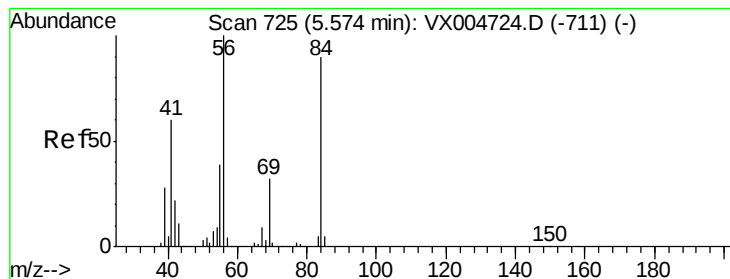
Tgt Ion: 83 Resp: 249563

Ion Ratio Lower Upper

83 100

85 66.4 52.4 78.6





#31

Cyclohexane

Concen: 53.076 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

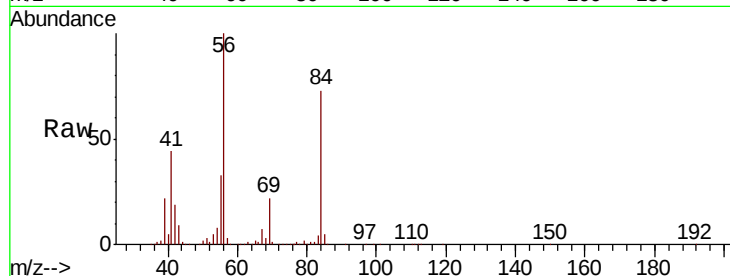
Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

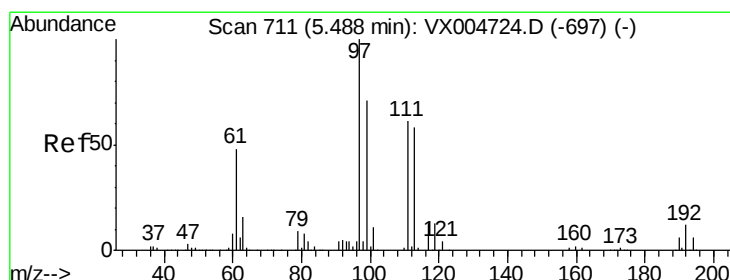
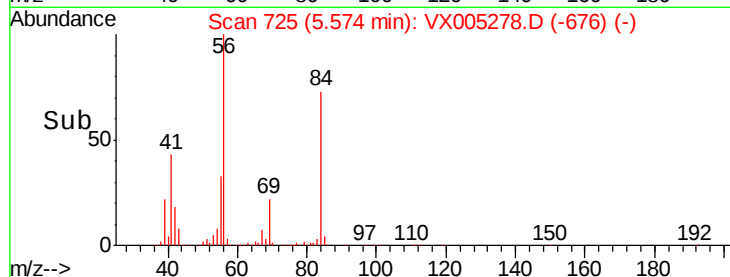
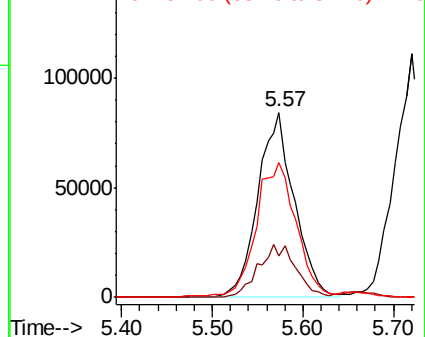
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 233072

Ion	Ratio	Lower	Upper
56	100		
69	22.2	25.9	38.9#
84	72.0	71.9	107.9



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



#32

1,1,1-Trichloroethane

Concen: 50.399 ug/l

RT: 5.49 min Scan# 712

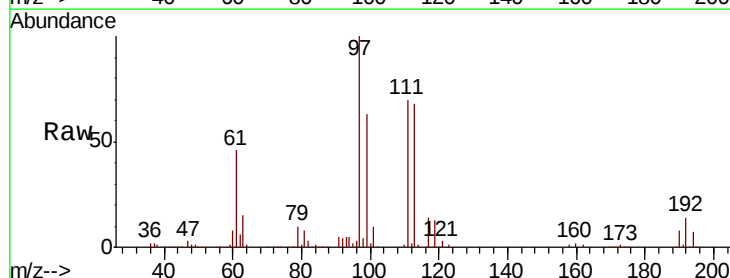
Delta R.T. 0.01 min

Lab File: VX005278.D

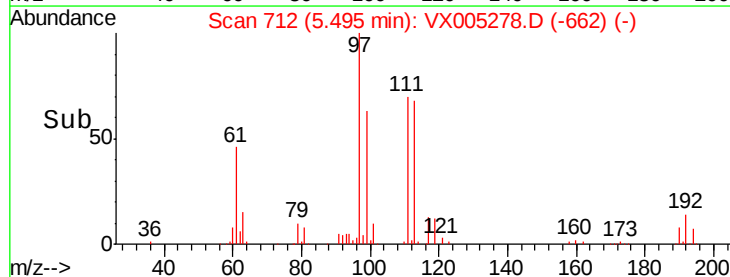
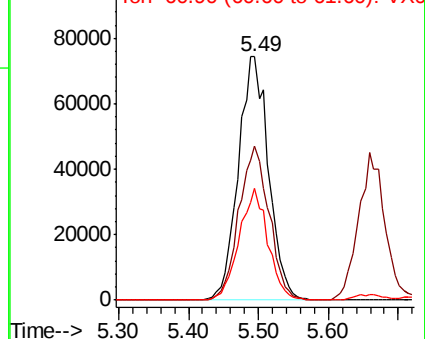
Acq: 12 Oct 2018 02:15

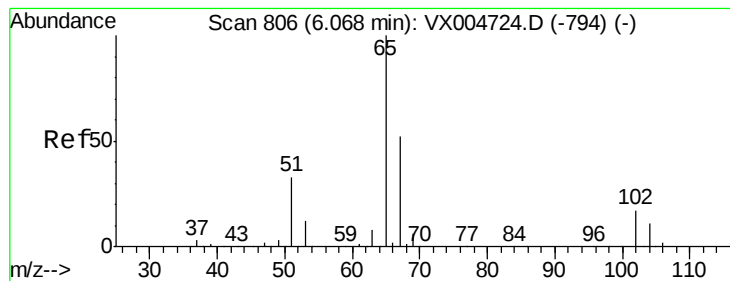
Tgt Ion: 97 Resp: 223189

Ion	Ratio	Lower	Upper
97	100		
99	63.0	54.6	82.0
61	43.8	37.5	56.3



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





#33

1,2-Dichloroethane-d4

Concen: 50.075 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

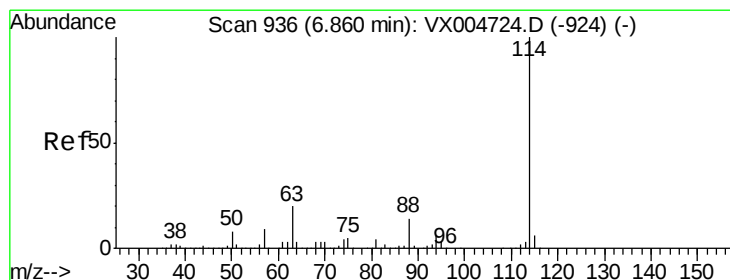
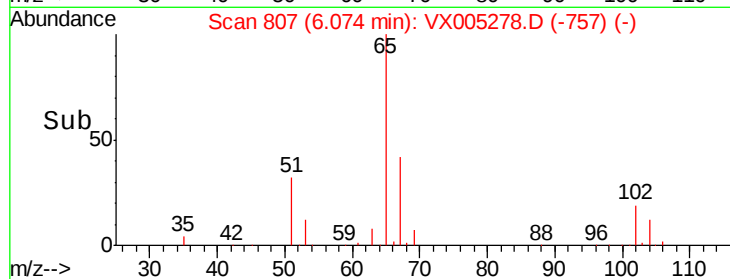
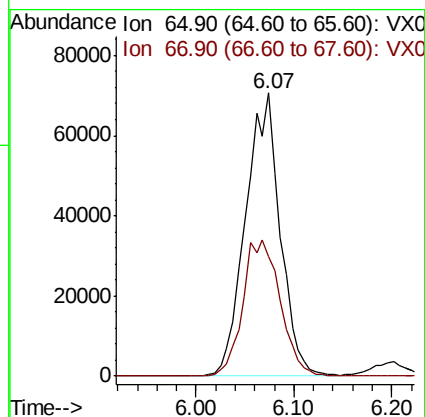
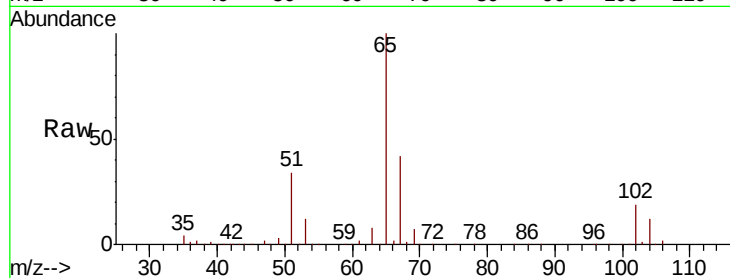
ClientSampleId :

Tot Ion: 65 Resp: 172823

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

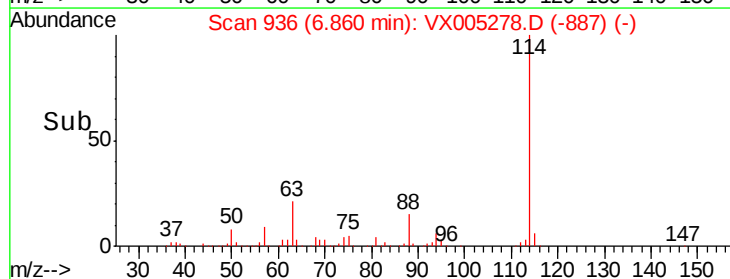
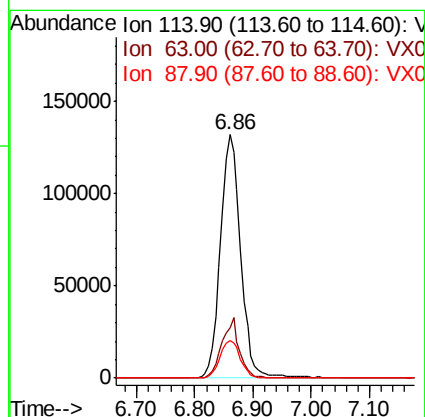
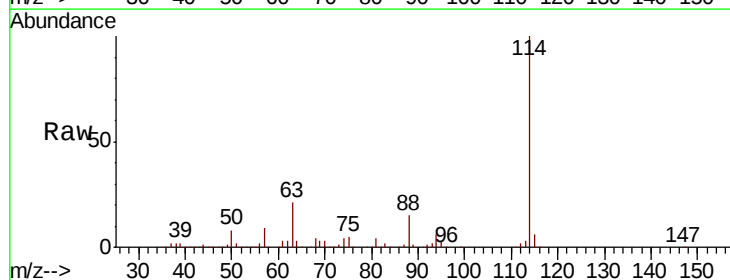
Tgt Ion: 114 Resp: 318192

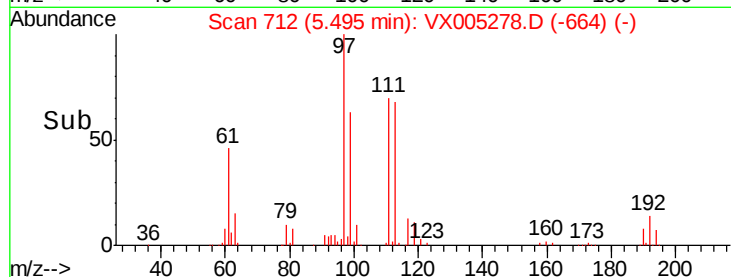
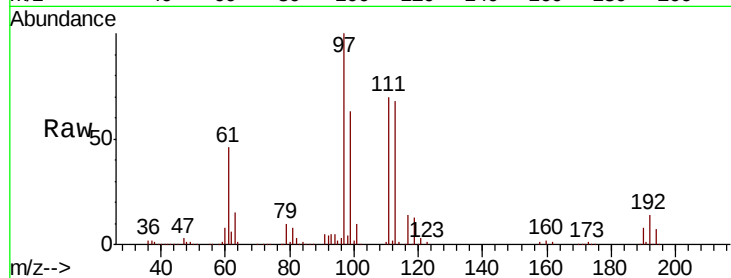
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 15.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.953 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

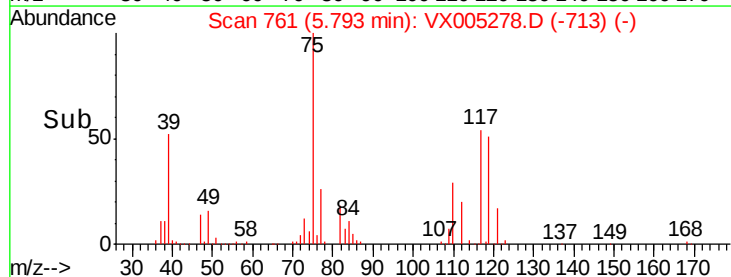
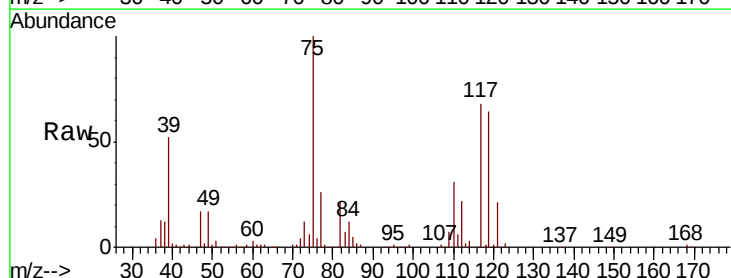
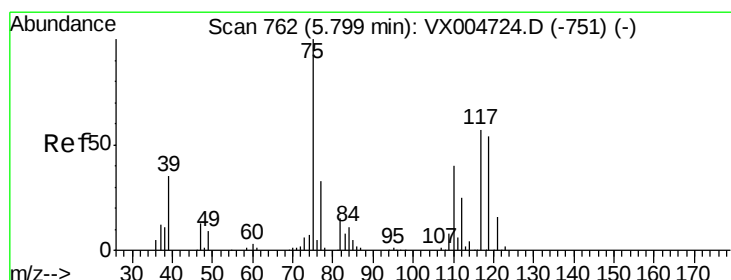
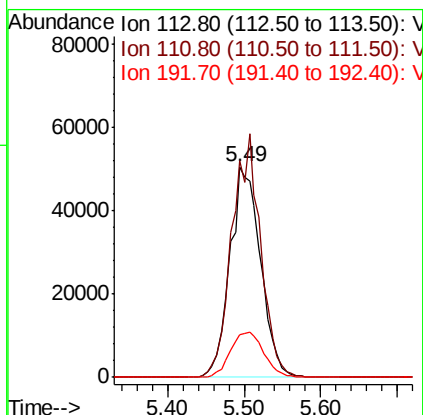
Tot Ion:113 Resp: 140103

Ion Ratio Lower Upper

113 100

111 108.3 77.0 115.4

192 23.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 53.480 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

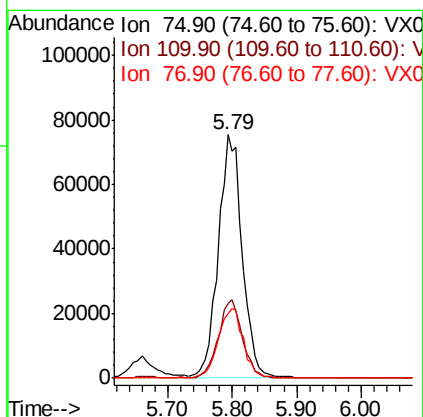
Tgt Ion: 75 Resp: 196770

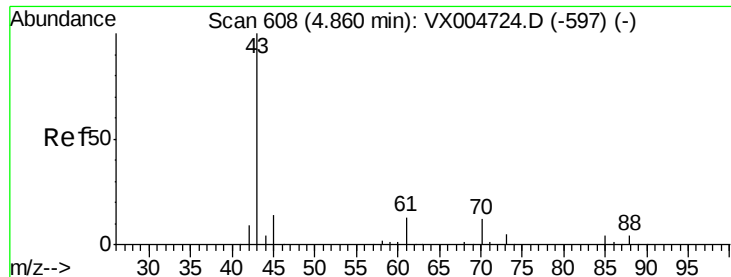
Ion Ratio Lower Upper

75 100

110 32.5 20.0 59.9

77 30.2 27.1 40.7





#37

Ethyl Acetate

Concen: 32.911 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

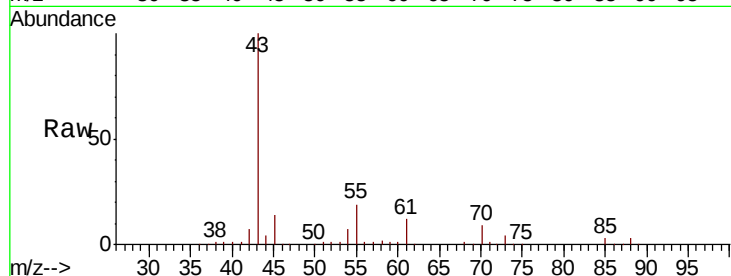
Tot Ion: 43 Resp: 160738

Ion Ratio Lower Upper

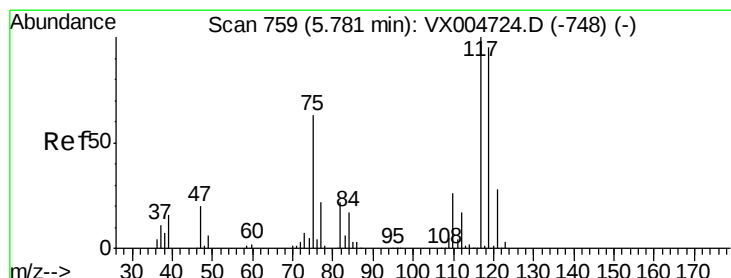
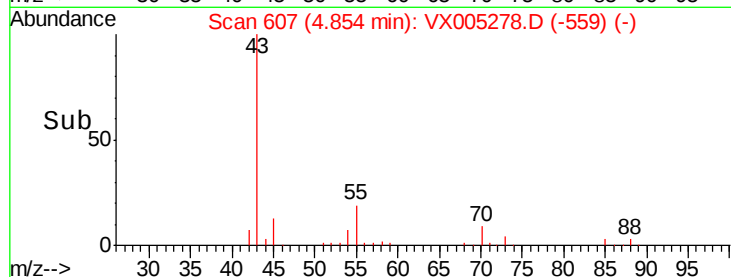
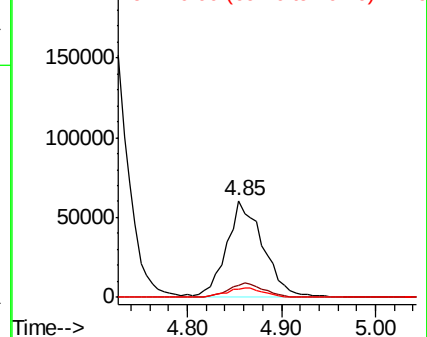
43 100

61 14.5 10.4 15.6

70 10.6 8.7 13.1



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: 50.366 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

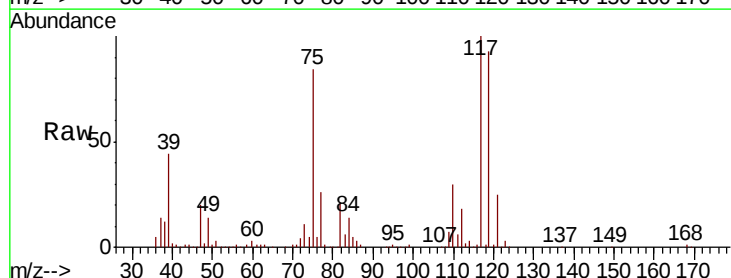
Tgt Ion: 117 Resp: 194799

Ion Ratio Lower Upper

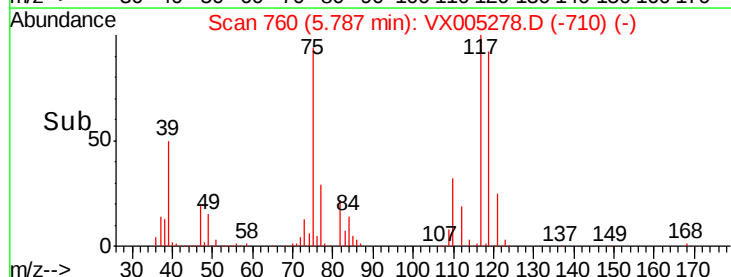
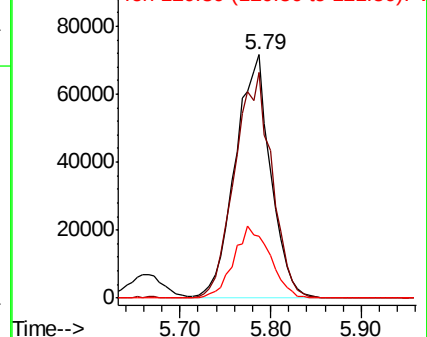
117 100

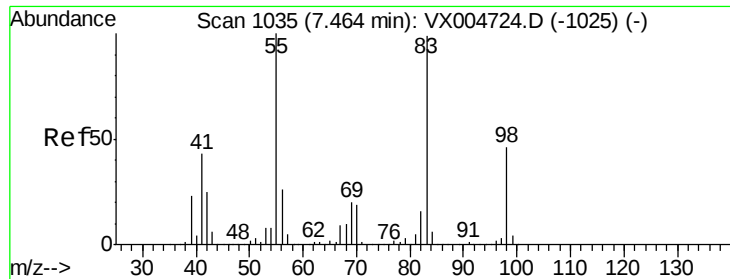
119 92.8 75.2 112.8

121 25.4 22.5 33.7



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

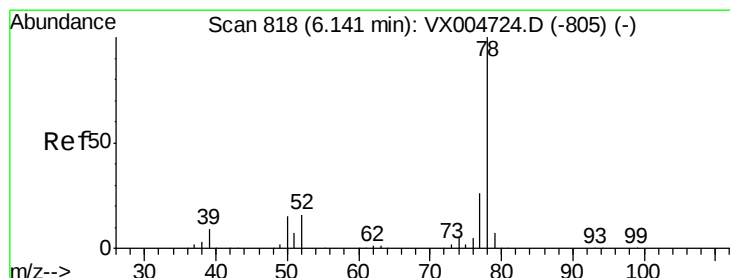
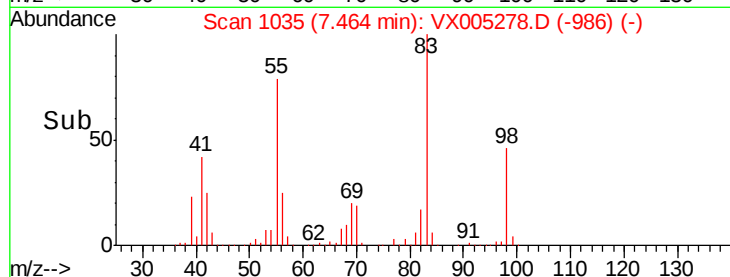
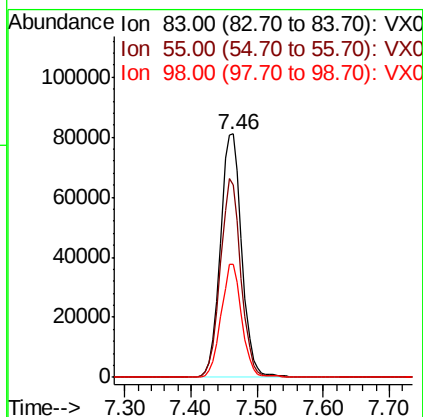
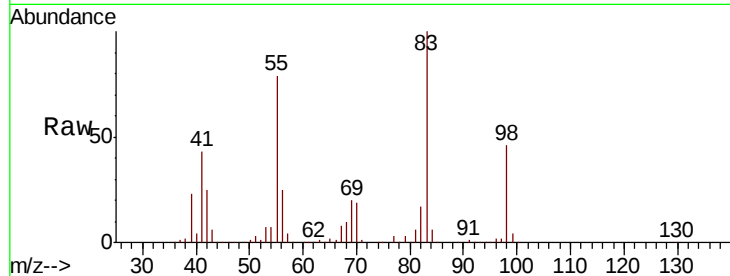




#39
Methvlcvclohexane
Concen: 48.212 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

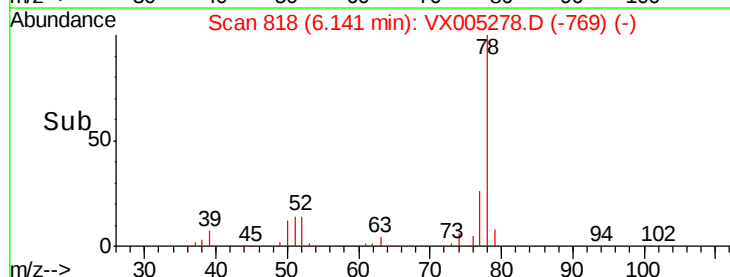
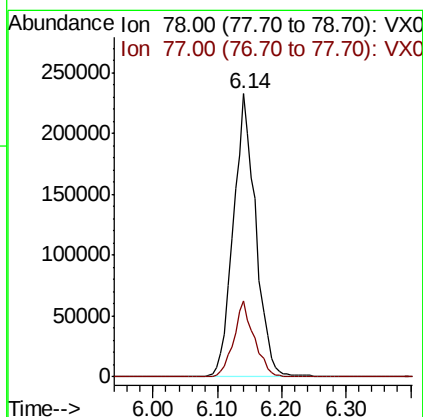
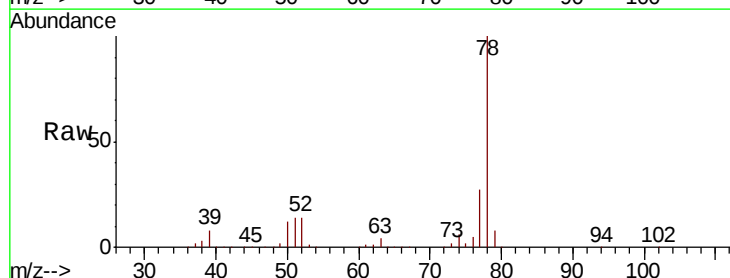
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 181133
Ion Ratio Lower Upper
83 100
55 78.9 81.1 121.7#
98 46.3 37.3 55.9



#40
Benzene
Concen: 49.138 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 78 Resp: 566011
Ion Ratio Lower Upper
78 100
77 26.9 21.0 31.4

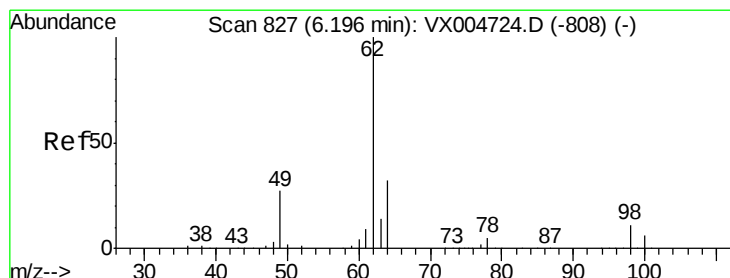
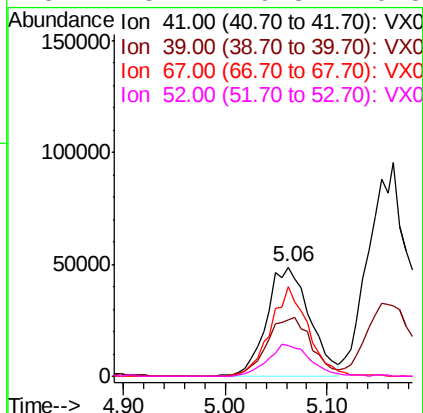
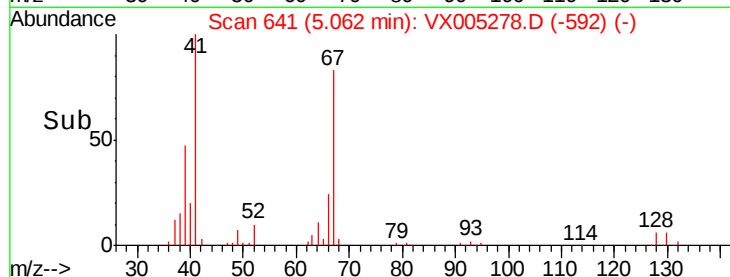
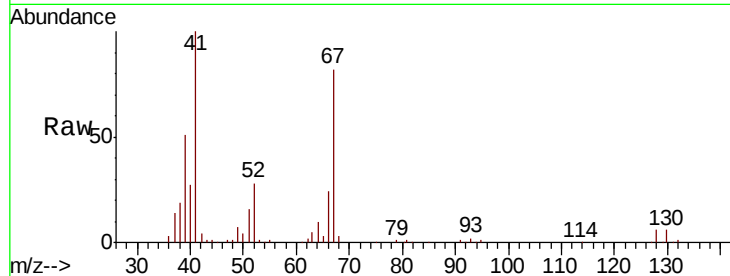




#41
Methacrylonitrile
Concen: 52.701 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

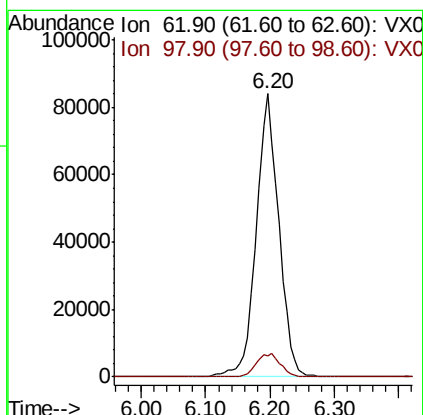
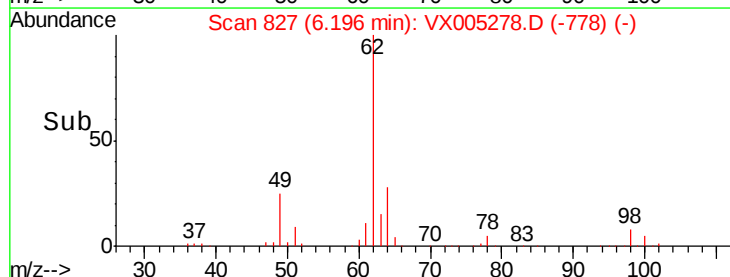
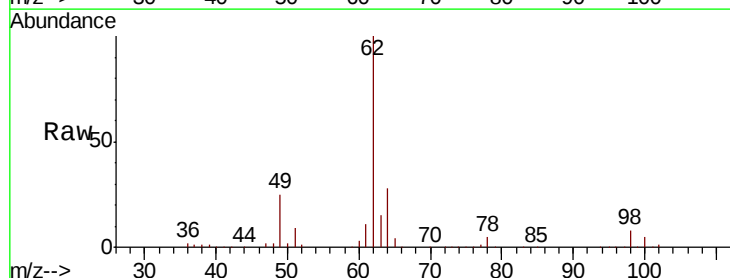
Instrument :
MSVOA_X
ClientSampled :

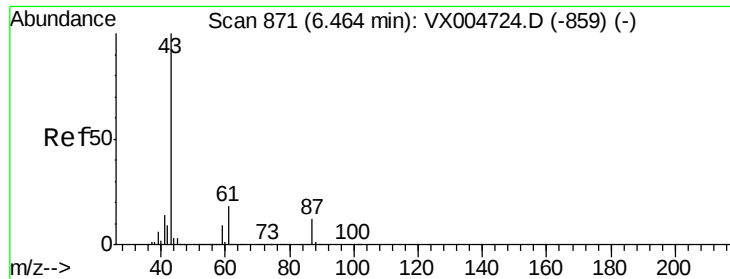
Tot Ion:	41	Resp:	142741
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.5	63.7
67	72.3	53.0	79.6
52	28.2	19.8	29.8



#42
1,2-Dichloroethane
Concen: 49.420 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion:	62	Resp:	201240
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2



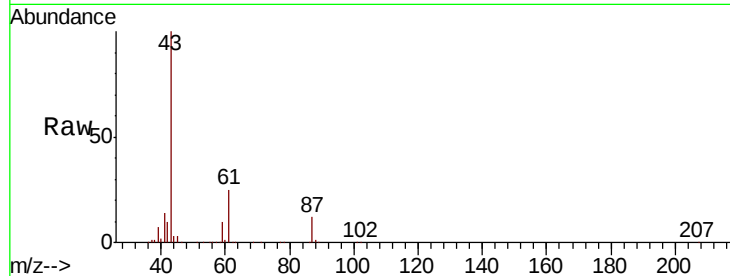


#43

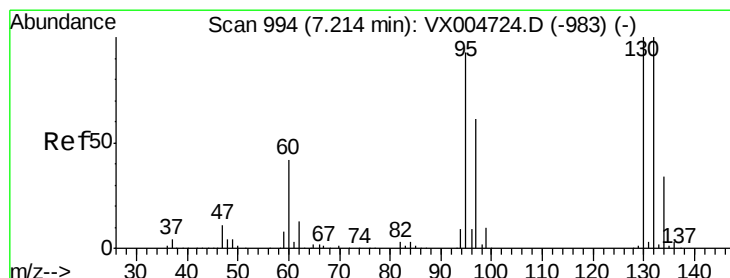
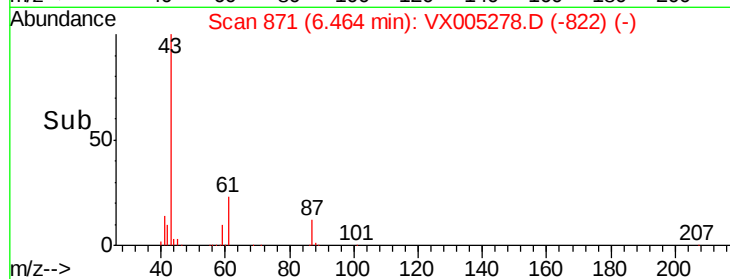
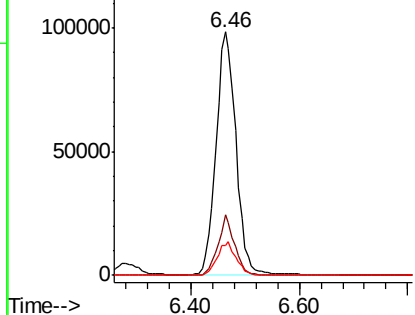
Isopropyl Acetate
 Concen: 35.315 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	248947
Ion Ratio	Lower	Upper	
43	100		
61	20.6	14.2	21.4
87	13.1	9.3	13.9



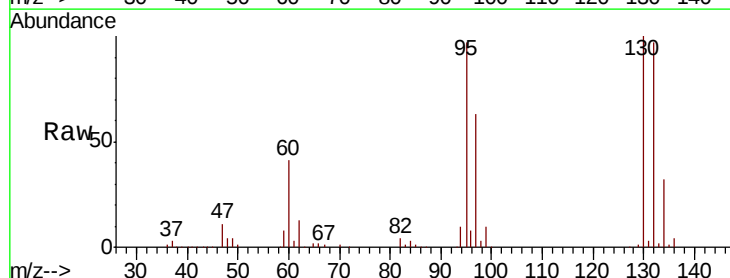
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



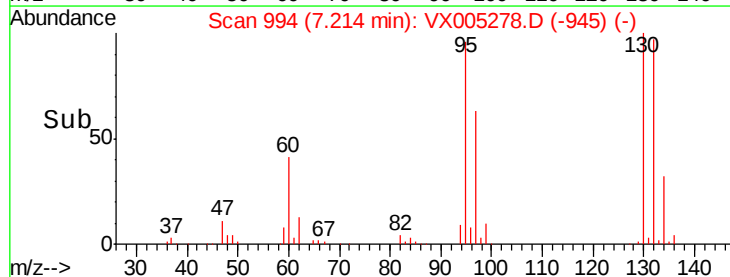
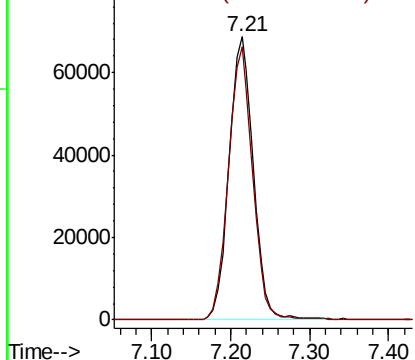
#44

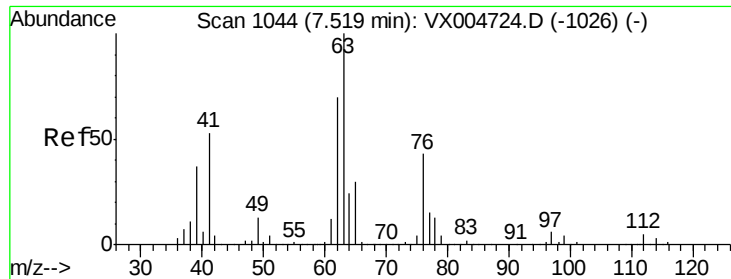
Trichloroethene
 Concen: 52.087 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion	130	Resp	147493
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	186.8



Abundance Ion 129.80 (129.50 to 130.50): V
 80000 Ion 94.90 (94.60 to 95.60): VX0

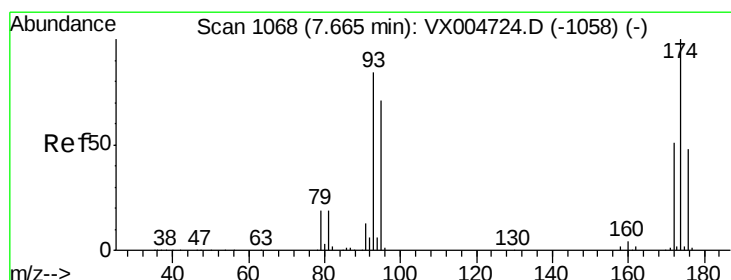
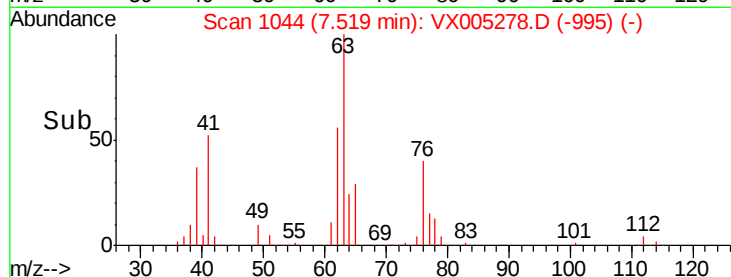
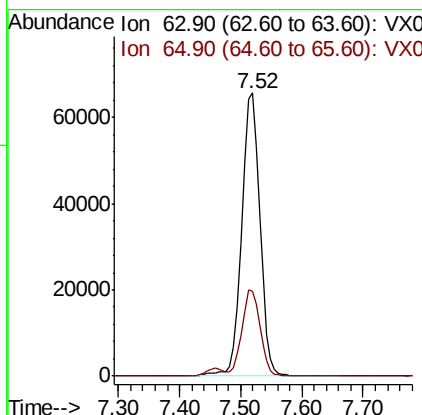
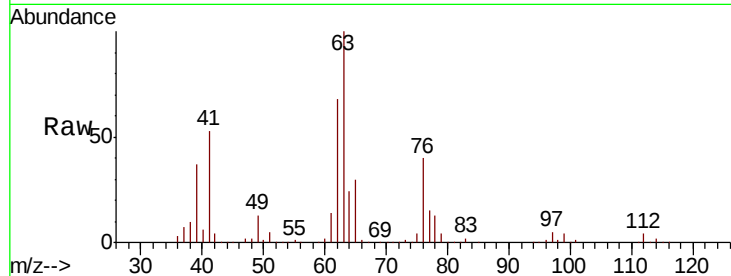




#45
 1,2-Dichloropropane
 Concen: 47.746 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

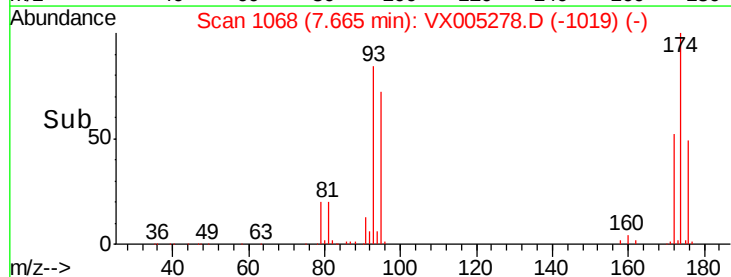
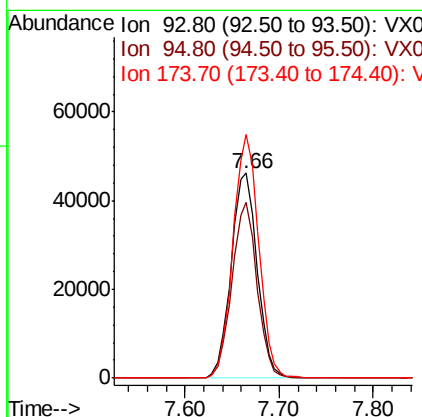
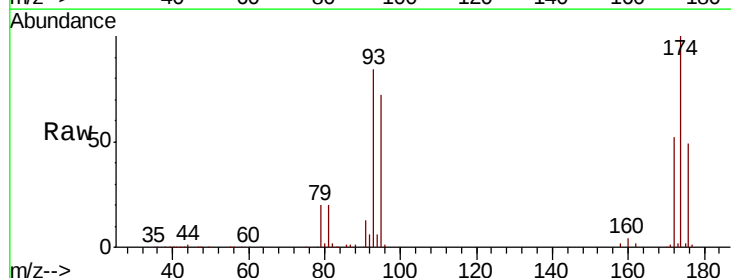
Instrument :
 MSVOA_X
 ClientSampled :

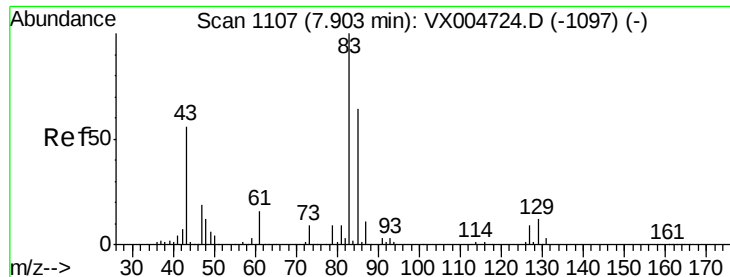
Tot Ion: 63 Resp: 134872
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9



#46
 Dibromomethane
 Concen: 50.031 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion: 93 Resp: 88819
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 117.4 92.7 139.1





#47

Bromodichloromethane

Concen: 51.636 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

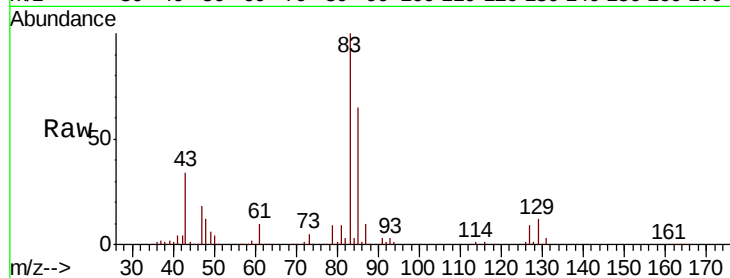
Tot Ion: 83 Resp: 171627

Ion Ratio Lower Upper

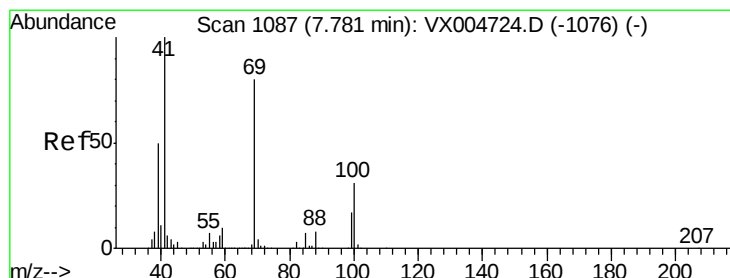
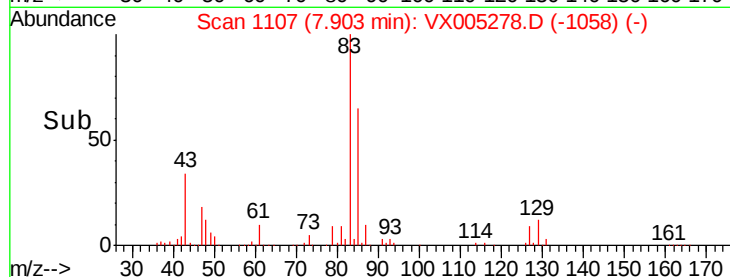
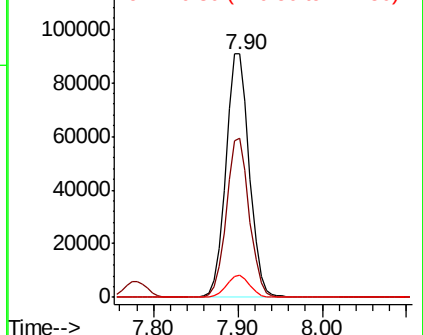
83 100

85 65.1 51.2 76.8

127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.978 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

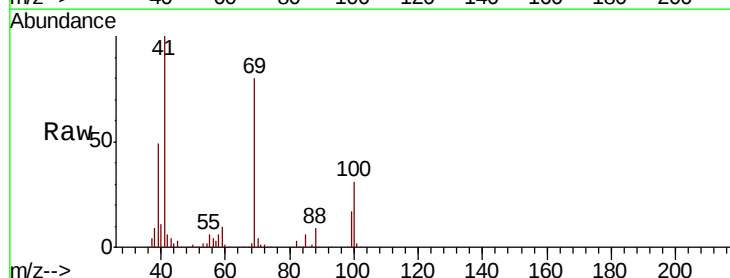
Tgt Ion: 41 Resp: 172706

Ion Ratio Lower Upper

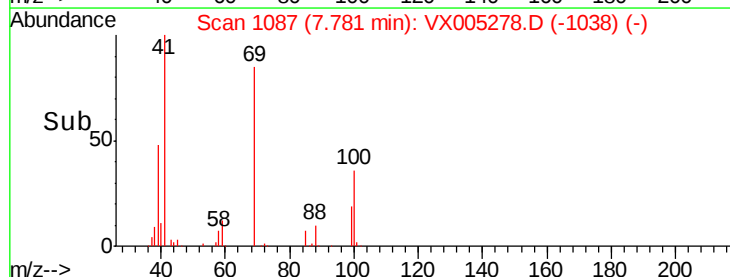
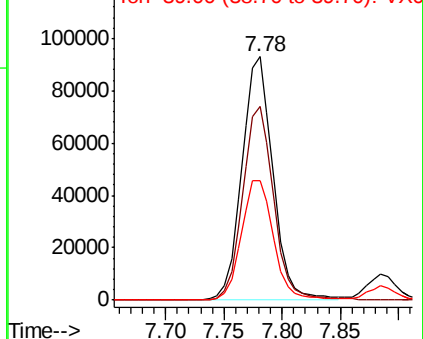
41 100

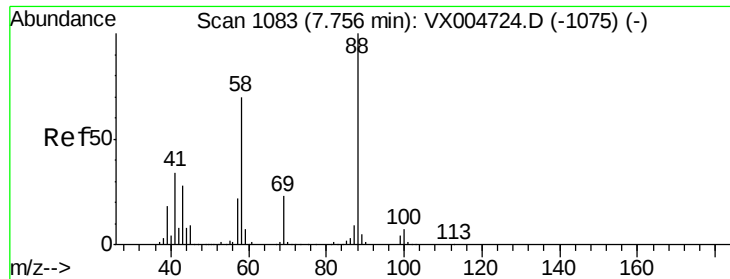
69 80.3 63.8 95.6

39 50.7 40.7 61.1



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

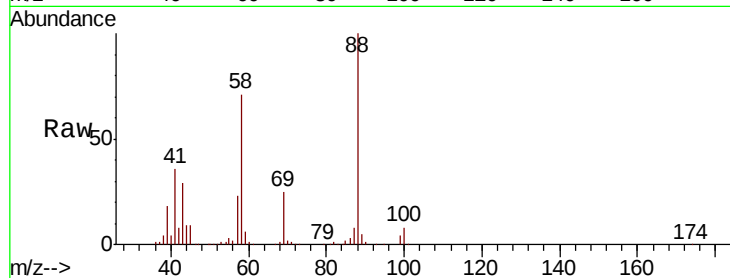




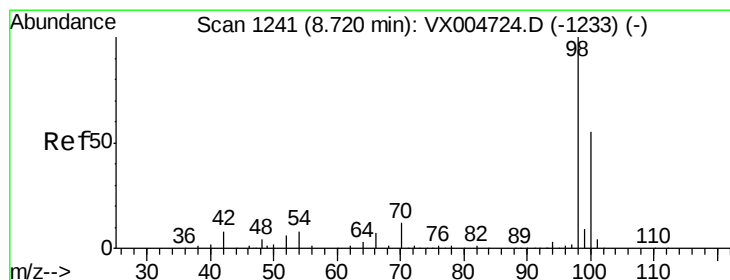
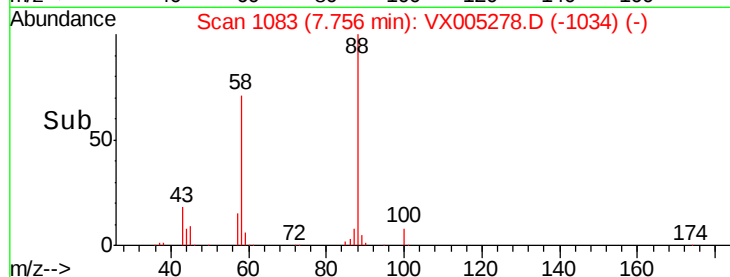
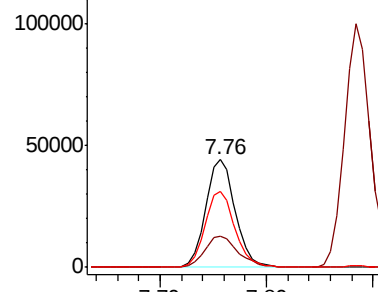
#49
1,4-Dioxane
Concen: 1080.563 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 85893
Ion Ratio Lower Upper
88 100
43 32.5 25.1 37.7
58 71.4 56.2 84.2

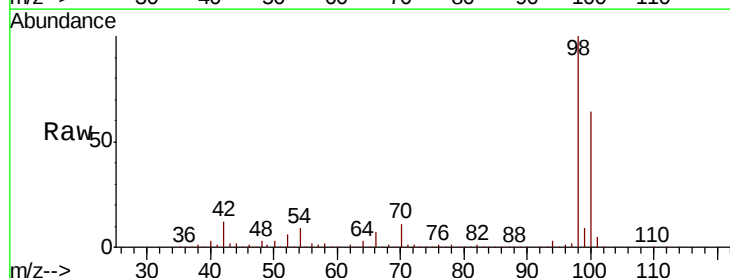


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

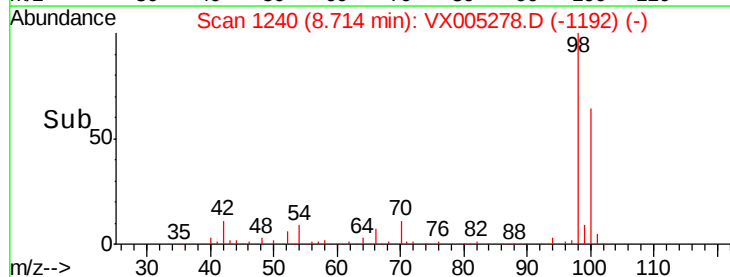
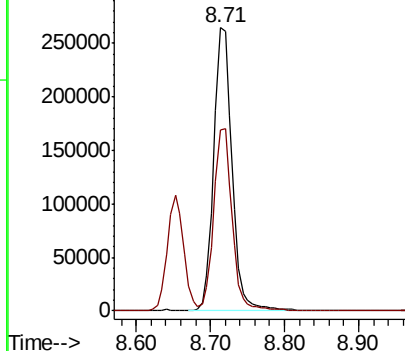


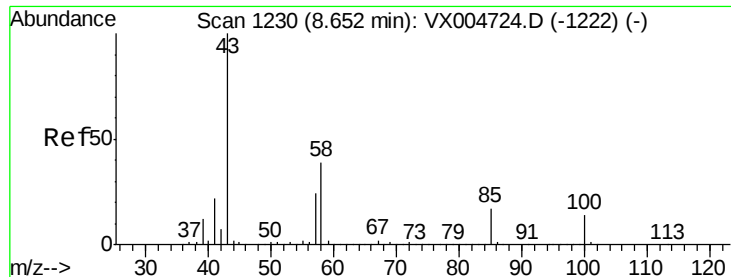
#50
Toluene-d8
Concen: 49.701 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 98 Resp: 445582
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

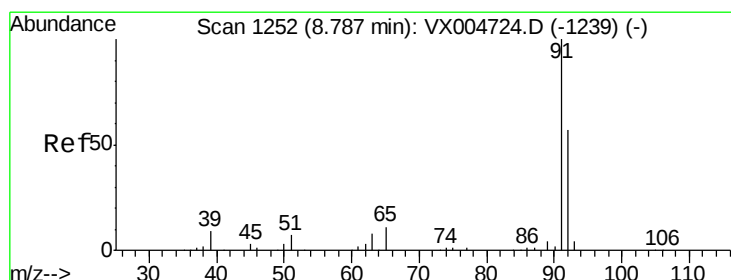
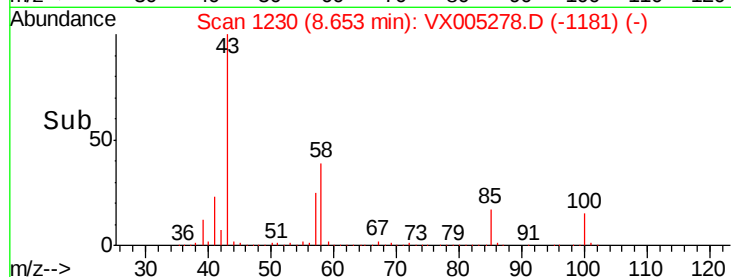
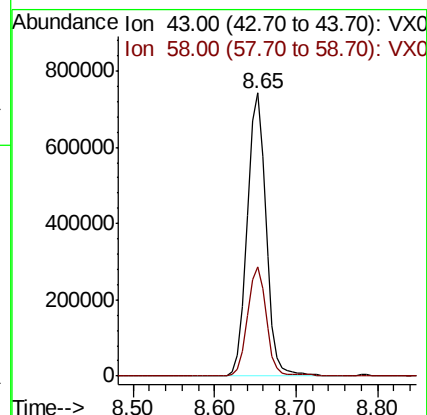
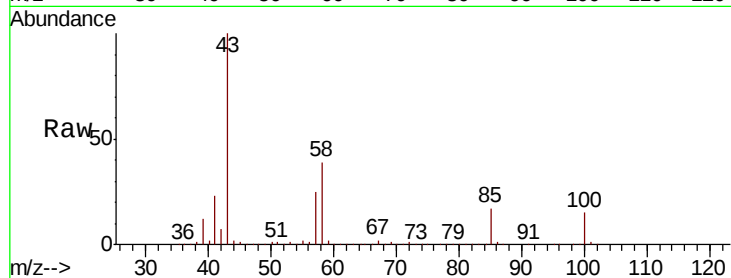




#51
4-Methyl-2-Pentanone
Concen: 266.686 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

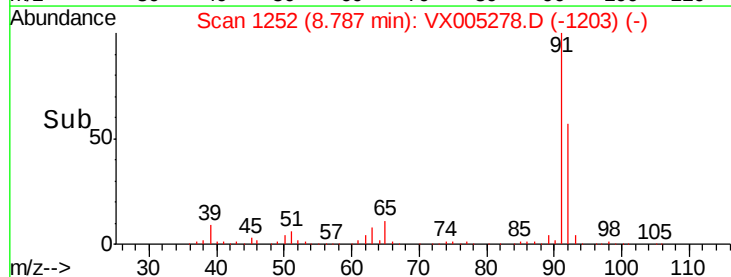
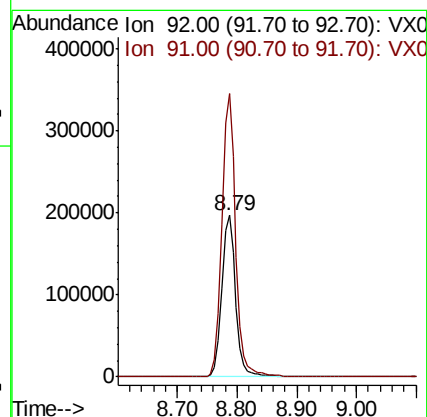
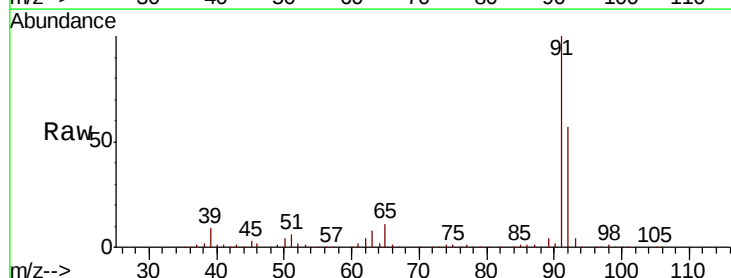
Instrument :
MSVOA_X
ClientSampleId :

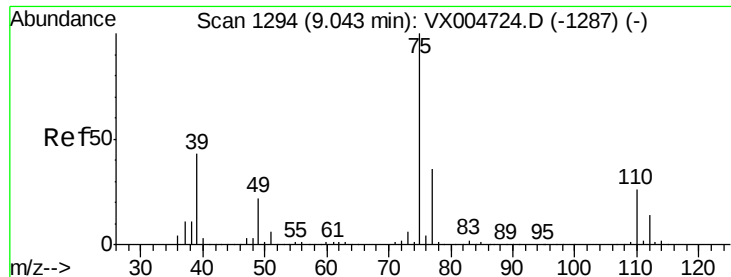
Tot Ion: 43 Resp: 1183690
Ion Ratio Lower Upper
43 100
58 38.9 30.5 45.7



#52
Toluene
Concen: 49.975 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 92 Resp: 316314
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1

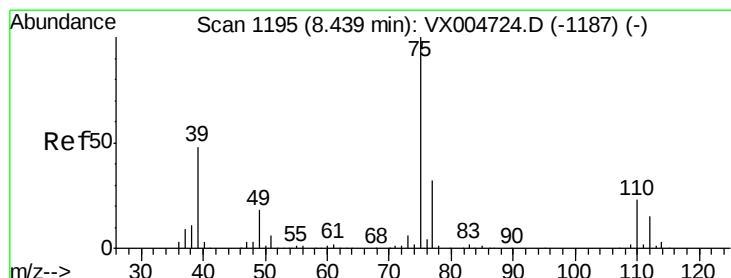
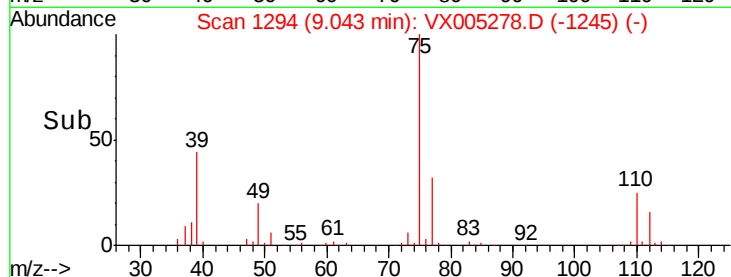
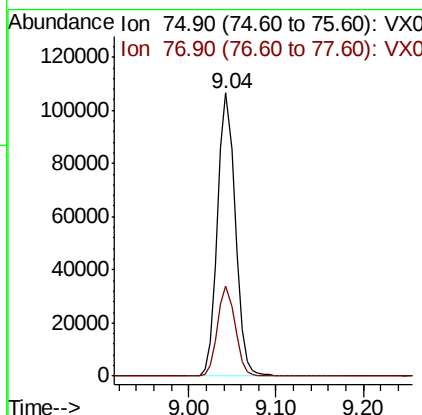
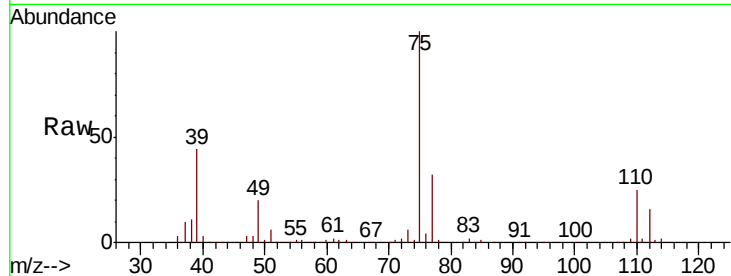




#53
t-1,3-Dichloropropene
Concen: 39.864 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

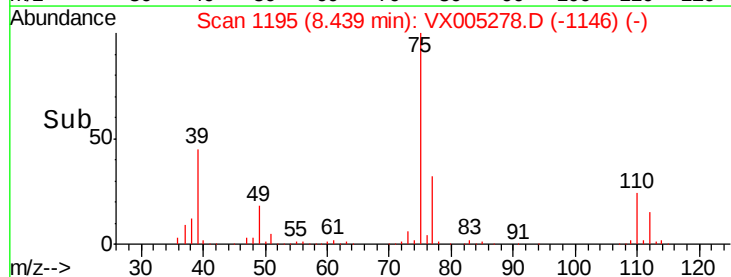
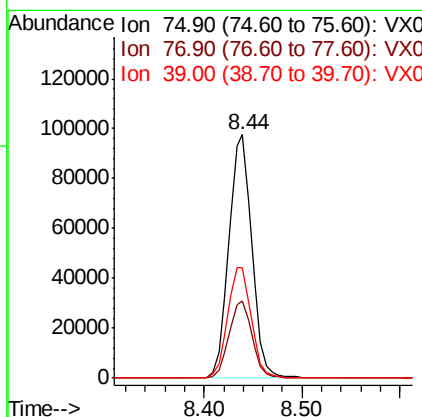
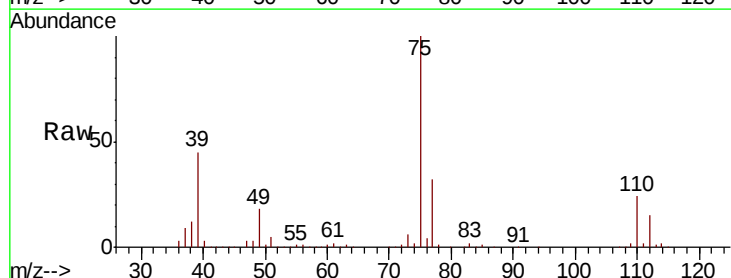
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 149728
Ion Ratio Lower Upper
75 100
77 31.8 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 40.364 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 75 Resp: 158797
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 45.2 38.3 57.5

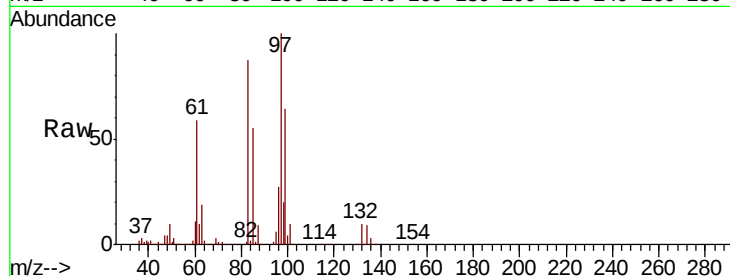




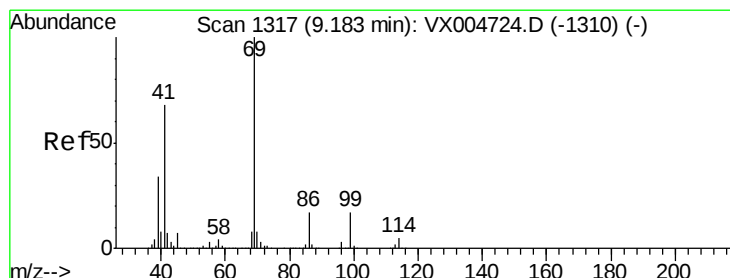
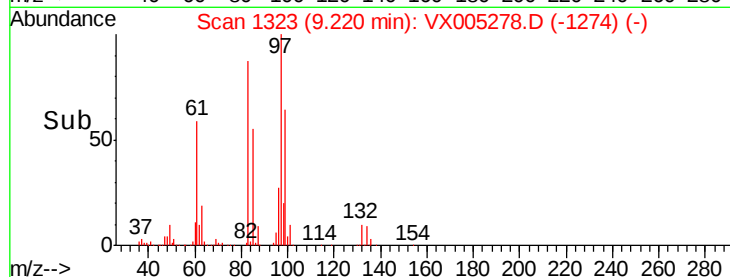
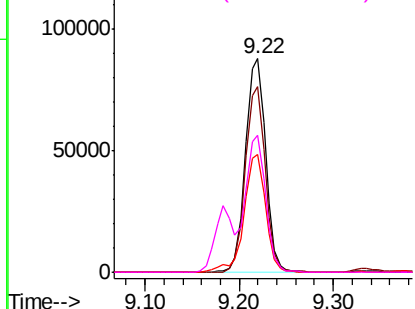
#55
 1,1,2-Trichloroethane
 Concen: 47.604 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	131981
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.2	102.2
85	55.3	49.9	74.9
99	64.3	48.9	73.3

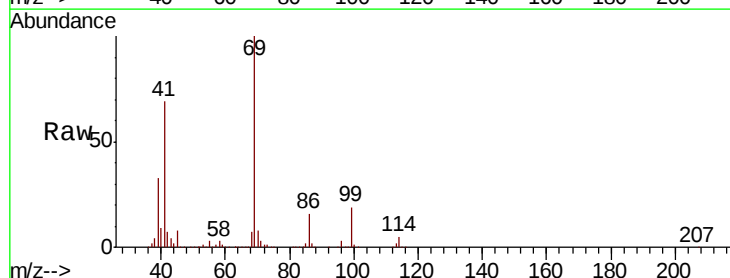


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

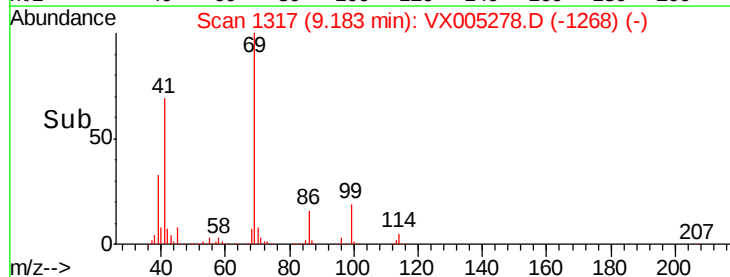
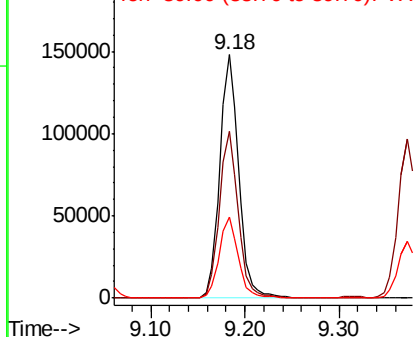


#56
 Ethyl methacrylate
 Concen: 46.200 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion:	69	Resp:	206815
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.9	85.3
39	33.5	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 47.517 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

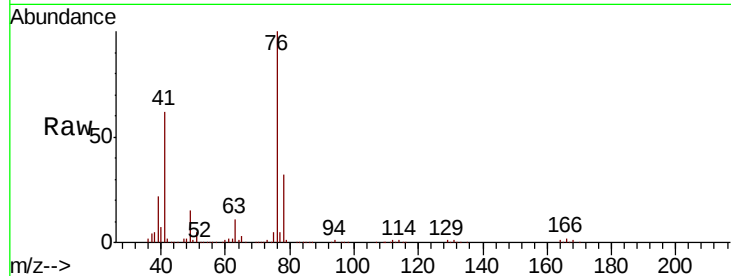
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 219261

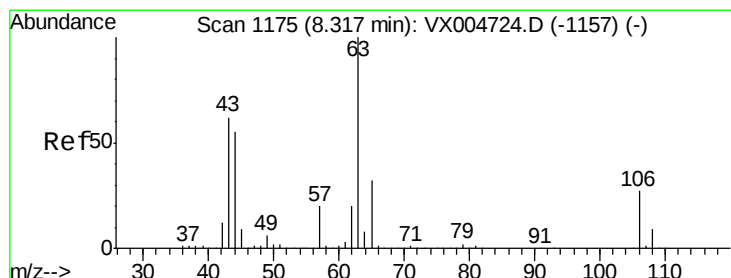
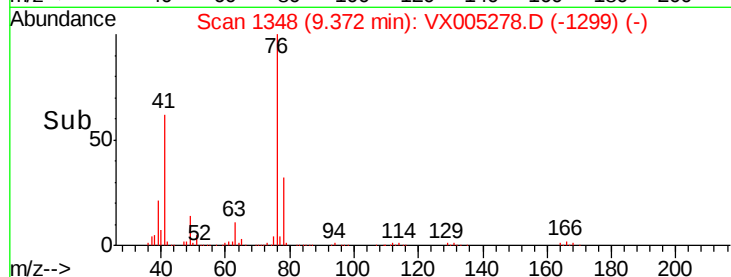
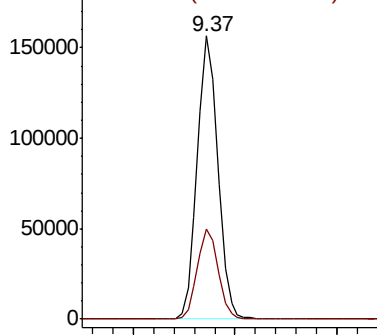
Ion Ratio Lower Upper

76 100

78 32.2 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.933 ug/l

RT: 8.27 min Scan# 1167

Delta R.T. -0.05 min

Lab File: VX005278.D

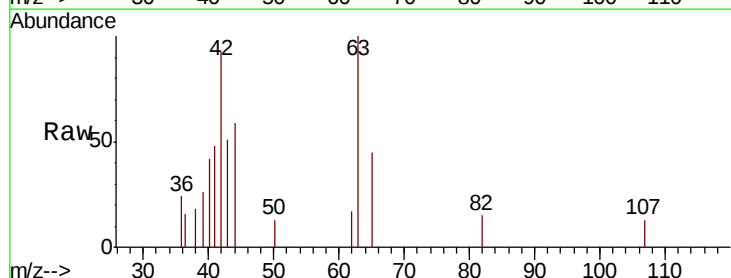
Acq: 12 Oct 2018 02:15

Tgt Ion: 63 Resp: 1750

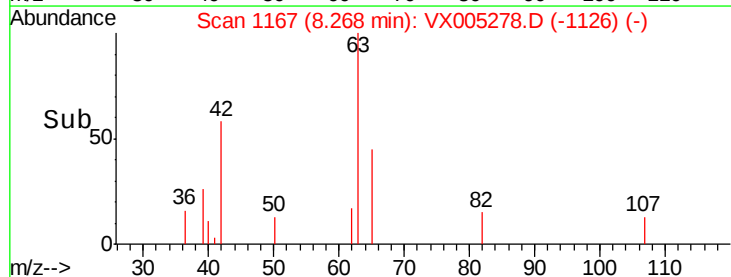
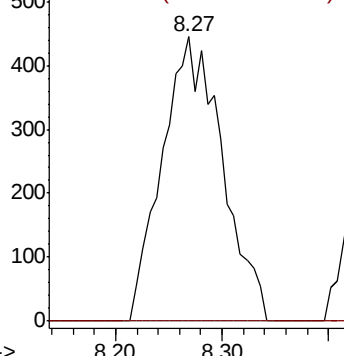
Ion Ratio Lower Upper

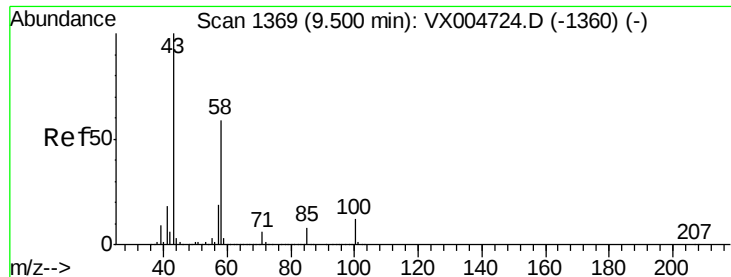
63 100

106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

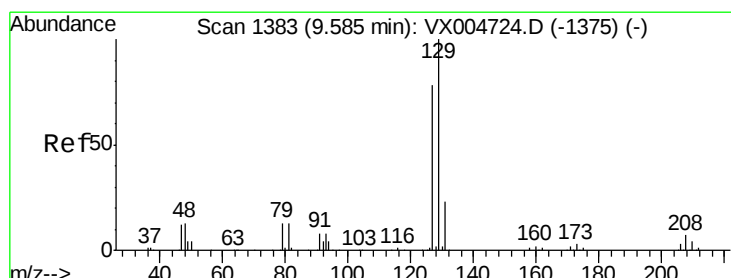
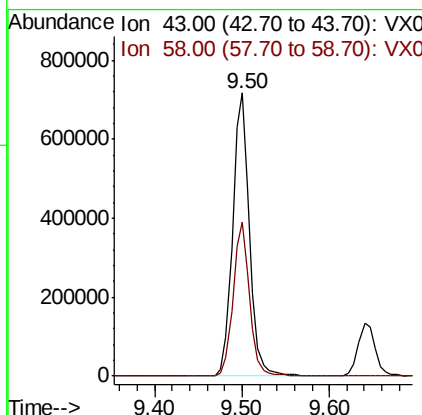
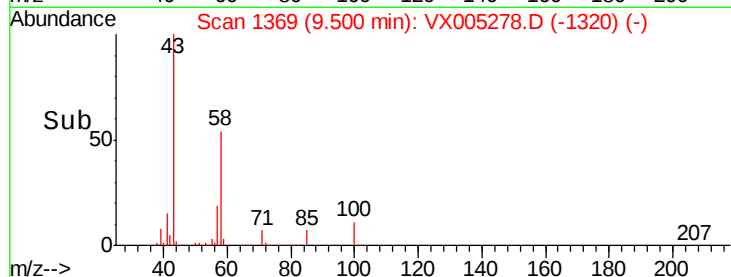
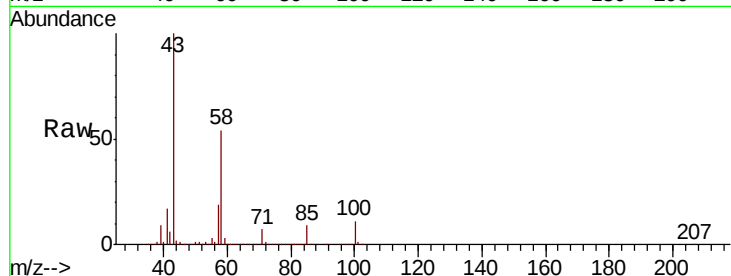




#59
2-Hexanone
Concen: 260.676 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

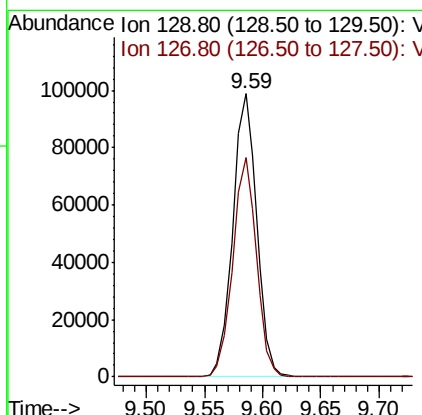
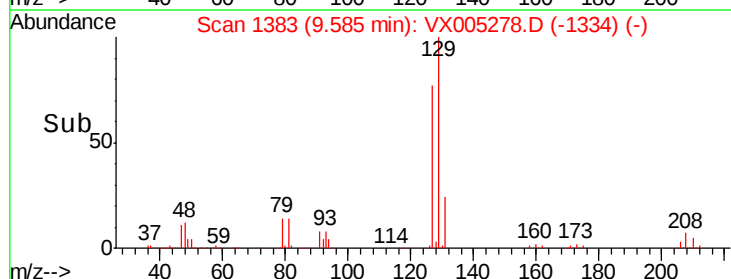
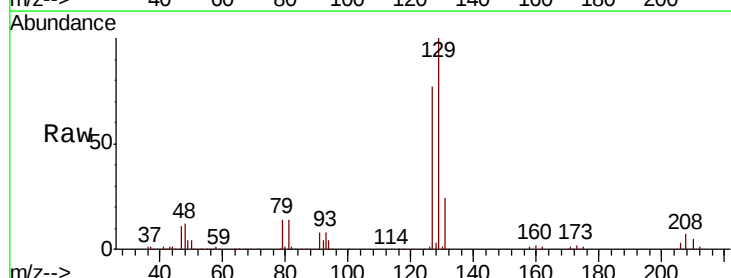
Instrument :
MSVOA_X
ClientSampleId :

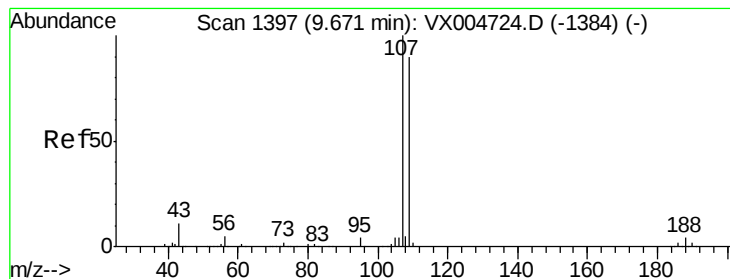
Tot Ion: 43 Resp: 964163
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 51.137 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 129 Resp: 141789
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.517 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

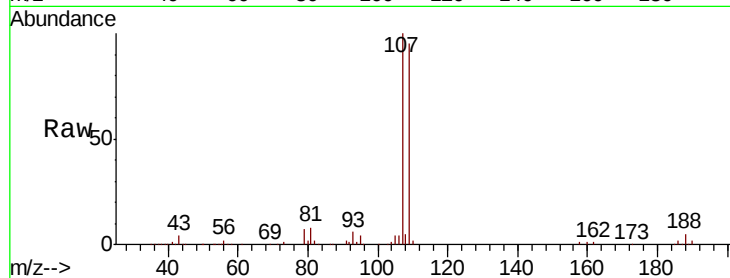
ClientSampled :

Tot Ion:107 Resp: 138118

Ion Ratio Lower Upper

107 100

109 94.0 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

60000

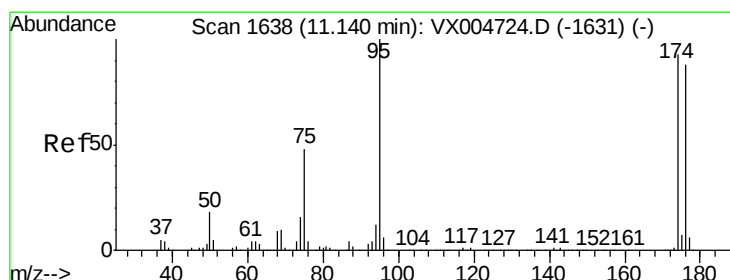
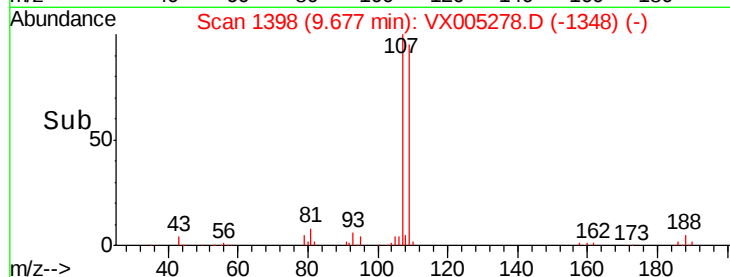
40000

20000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 53.812 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

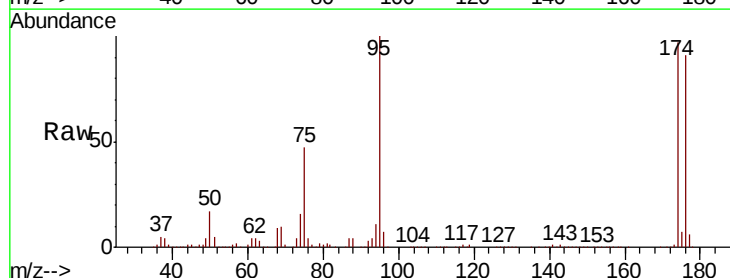
Tgt Ion: 95 Resp: 173800

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.0

176 90.1 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

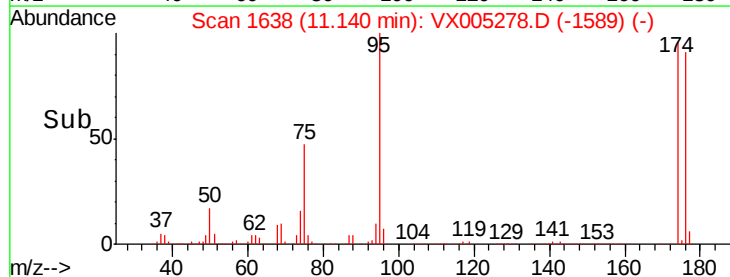
110000

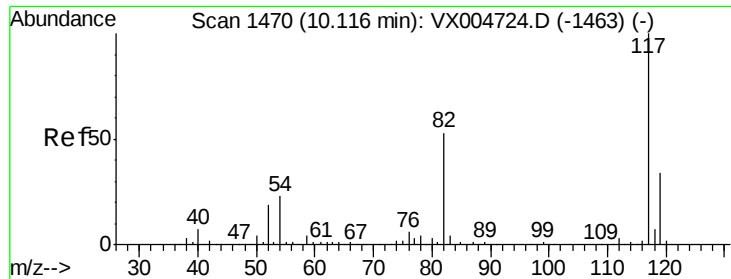
50000

0

Time-->

11.10 11.20

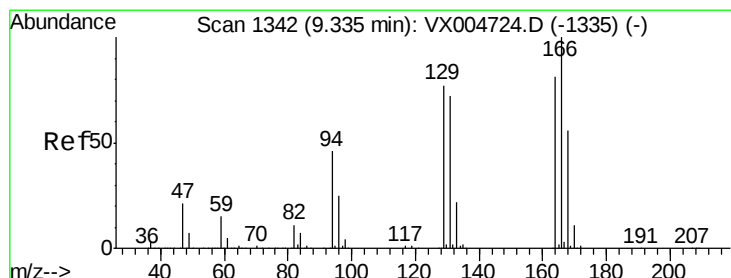
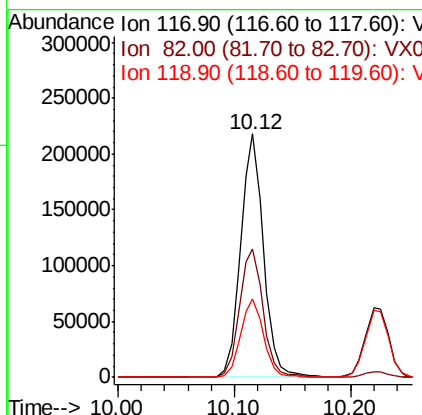
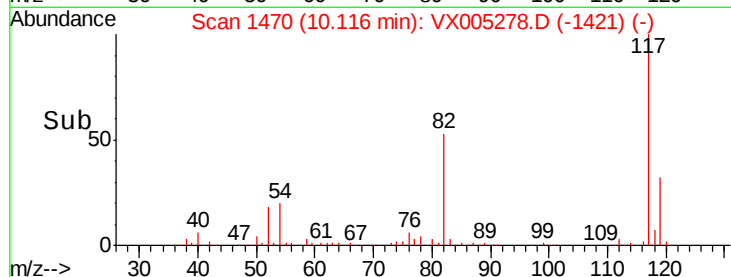
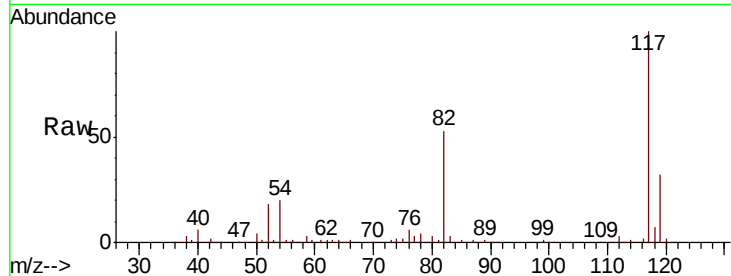




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

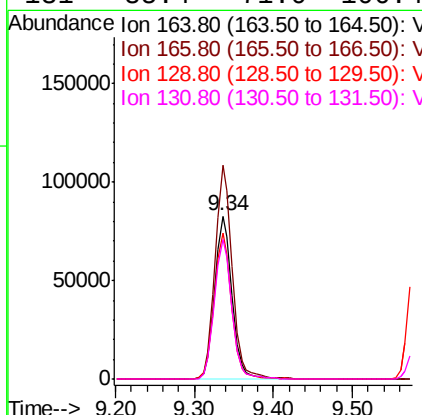
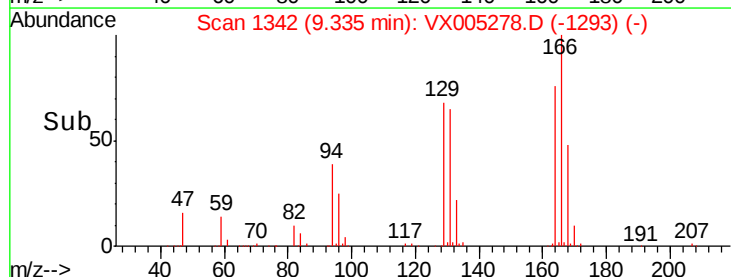
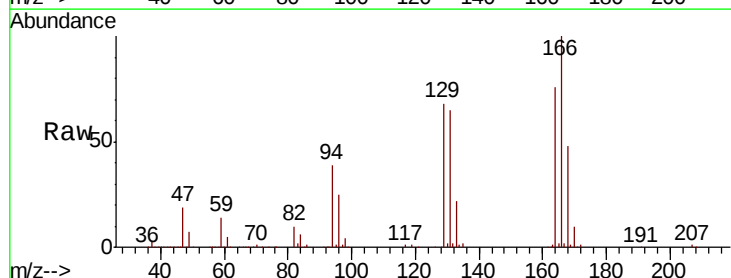
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 299185
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 32.1 27.4 41.0



#64
Tetrachloroethene
Concen: 43.345 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion:164 Resp: 127636
Ion Ratio Lower Upper
164 100
166 131.0 98.4 147.6
129 89.3 76.1 114.1
131 85.4 71.0 106.4

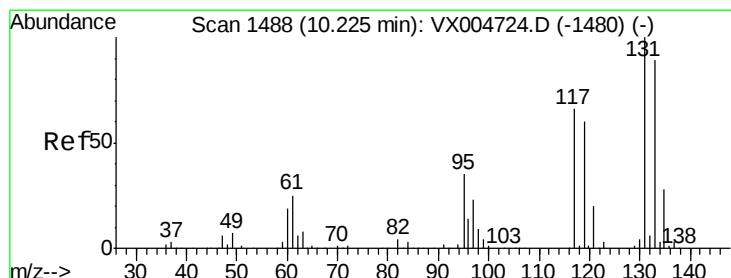
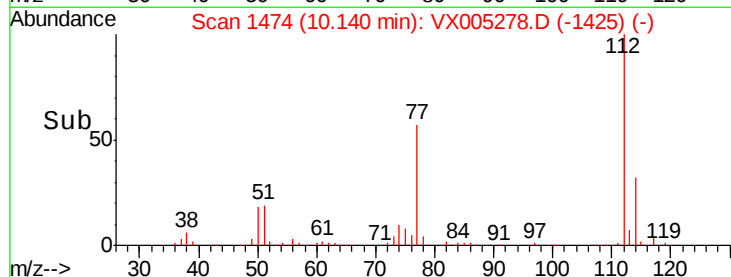
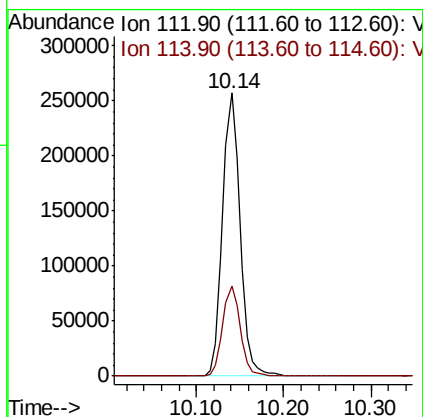
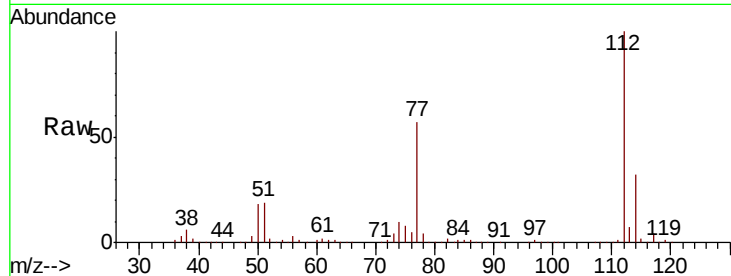




#65
Chlorobenzene
Concen: 46.444 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

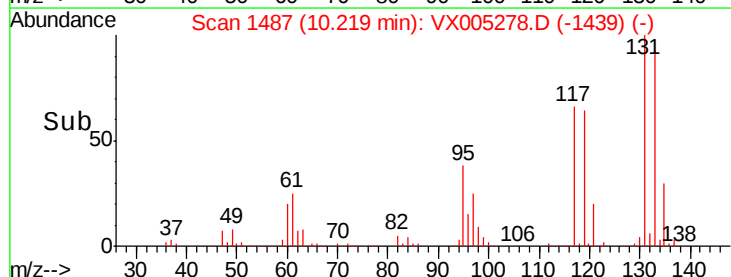
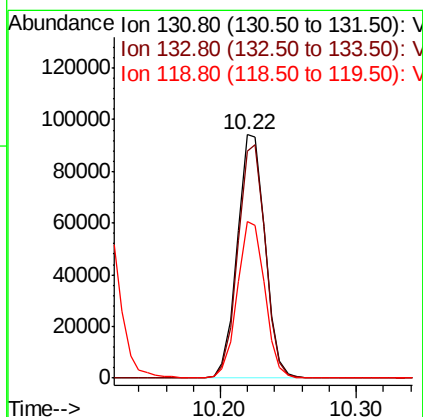
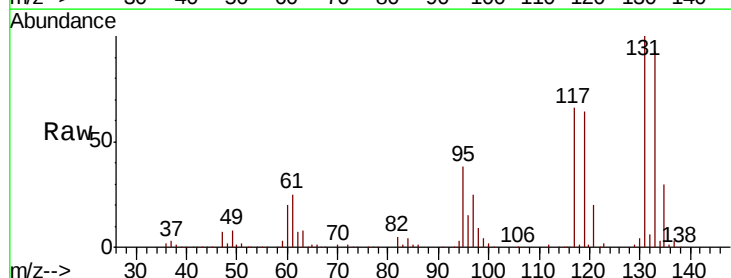
Instrument :
MSVOA_X
ClientSampled :

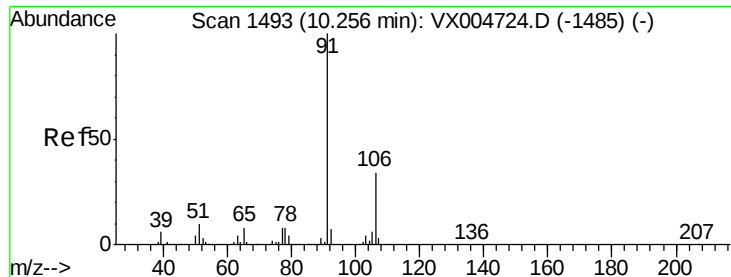
Tot Ion:112 Resp: 356313
Ion Ratio Lower Upper
112 100
114 31.7 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.486 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion:131 Resp: 133471
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.0
119 63.7 32.3 96.8





#67

Ethyl Benzene

Concen: 49.630 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

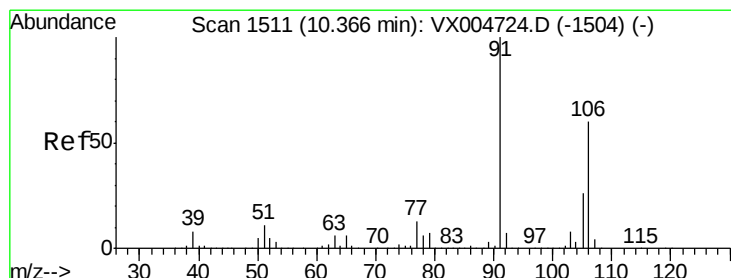
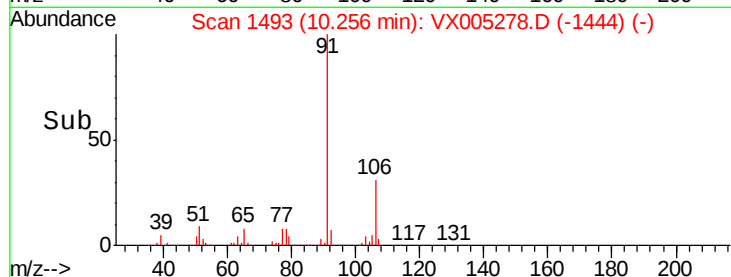
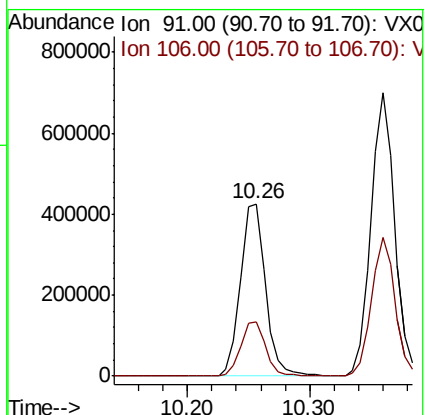
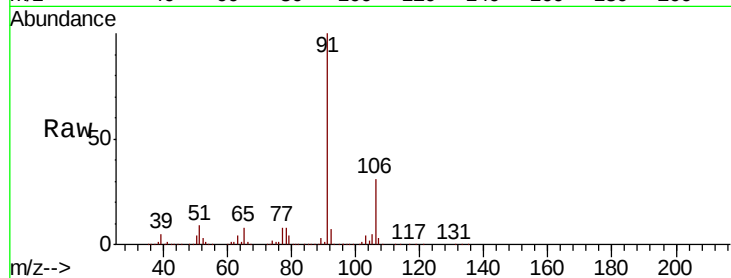
ClientSampleId :

Tot Ion: 91 Resp: 604508

Ion Ratio Lower Upper

91 100

106 31.4 26.9 40.3



#68

m/p-Xylenes

Concen: 98.454 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005278.D

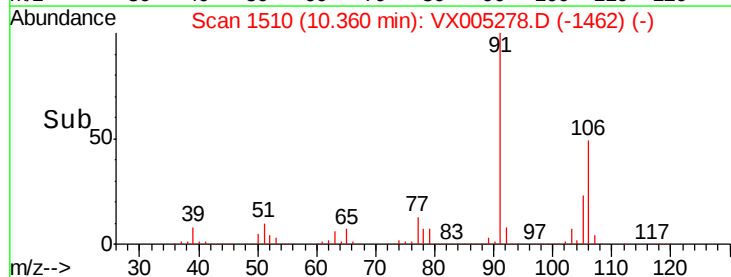
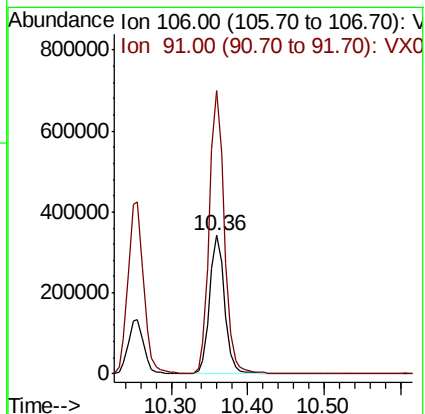
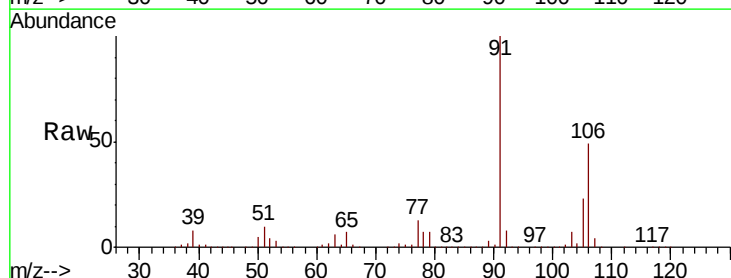
Acq: 12 Oct 2018 02:15

Tgt Ion: 106 Resp: 468609

Ion Ratio Lower Upper

106 100

91 204.3 157.5 236.3

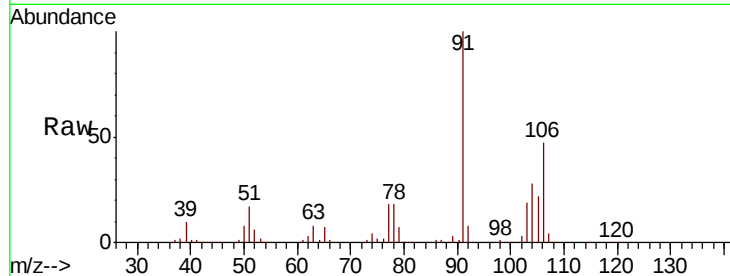




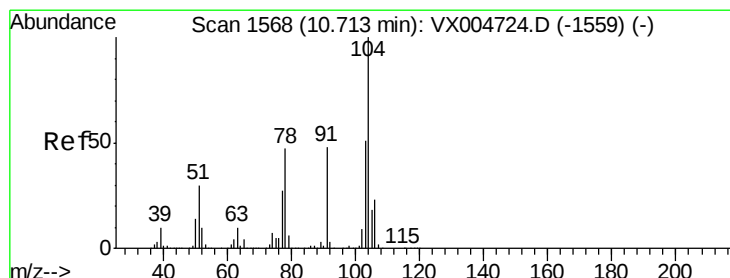
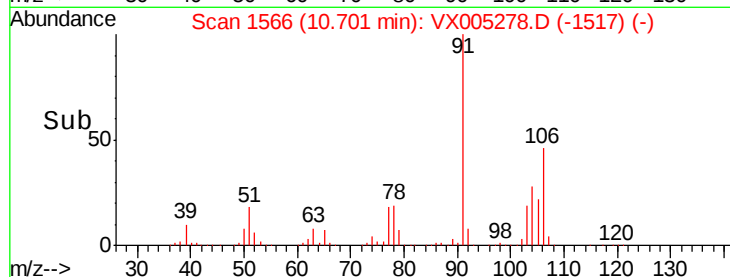
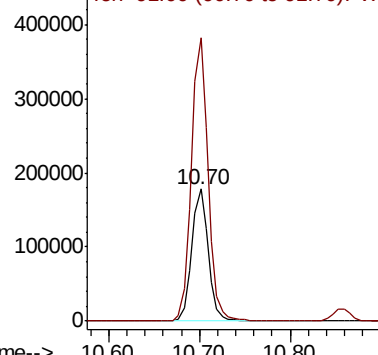
#69
o-Xylene
Concen: 52.181 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 228121
Ion Ratio Lower Upper
106 100
91 215.6 108.3 324.8

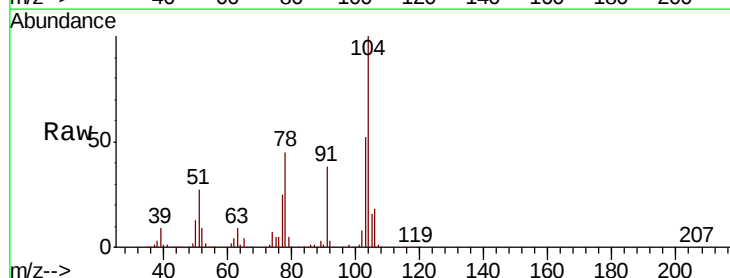


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

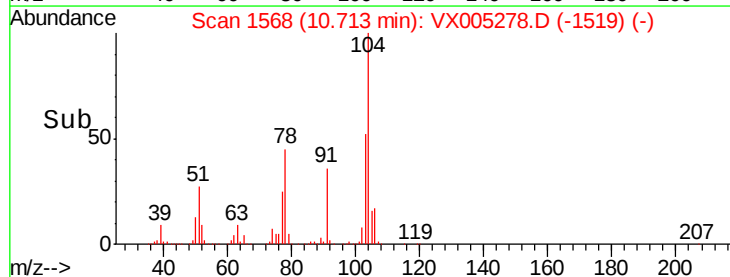
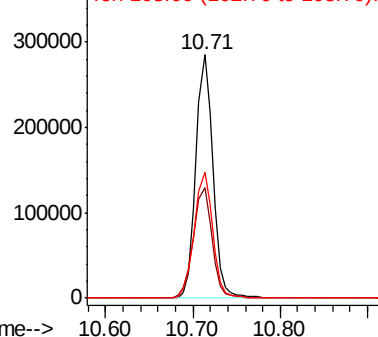


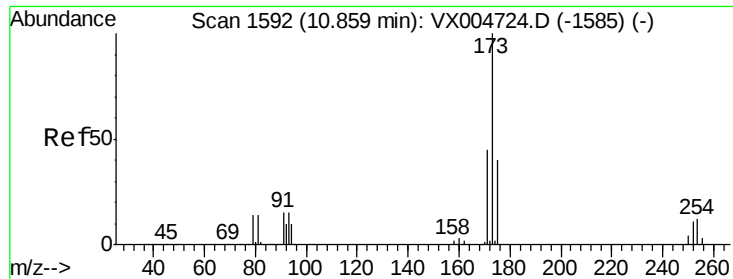
#70
Styrene
Concen: 47.135 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion:104 Resp: 384348
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.9 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

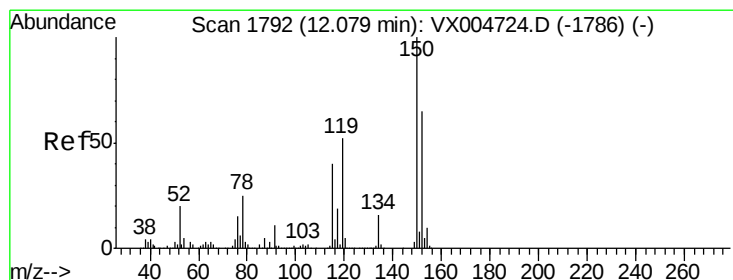
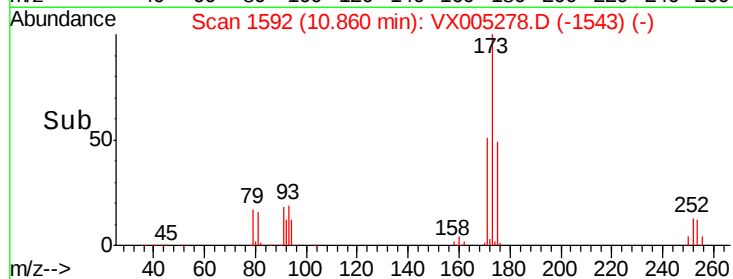
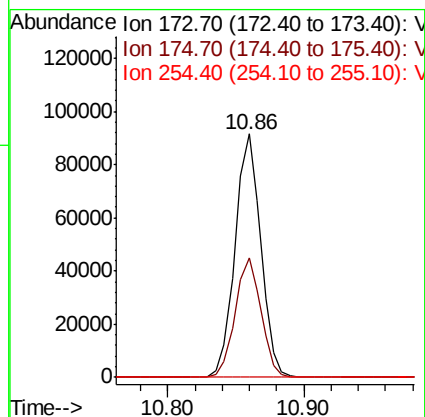
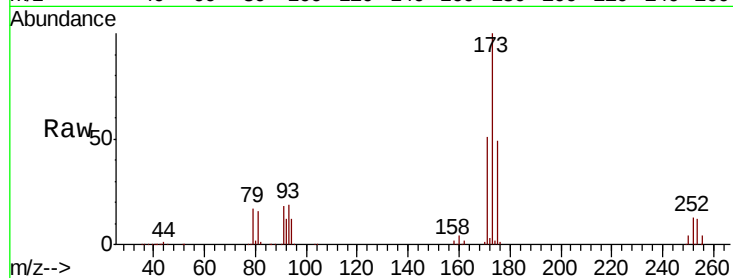




#71
Bromoform
Concen: 52.081 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

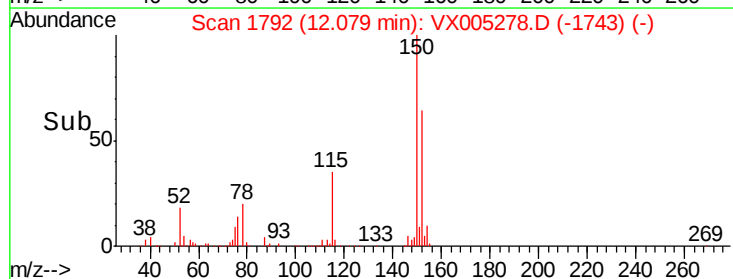
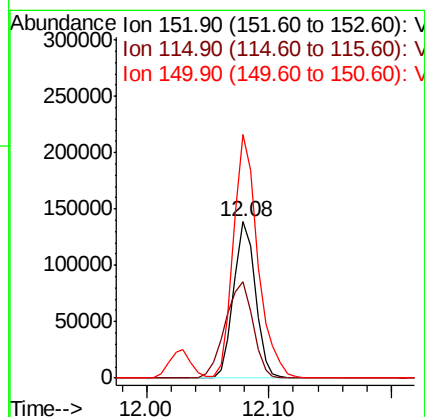
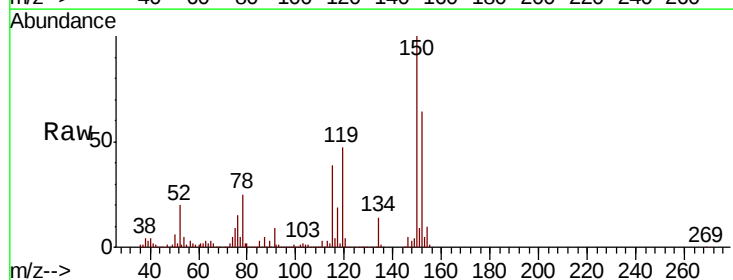
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 120260
Ion Ratio Lower Upper
173 100
175 49.4 23.3 69.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion:152 Resp: 169696
Ion Ratio Lower Upper
152 100
115 78.9 40.2 120.6
150 174.7 0.0 351.0

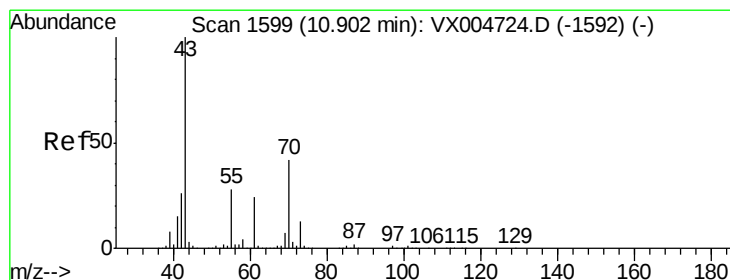
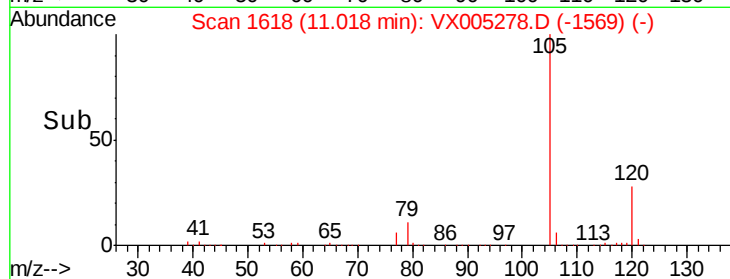
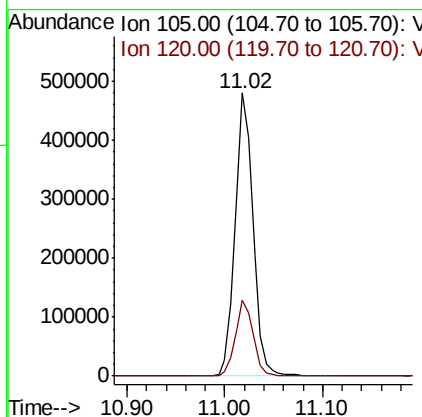
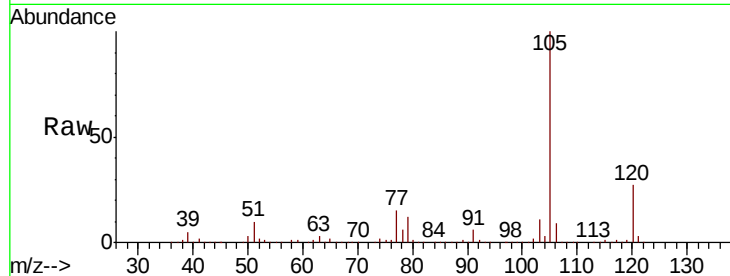




#73
Isopropylbenzene
Concen: 57.513 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

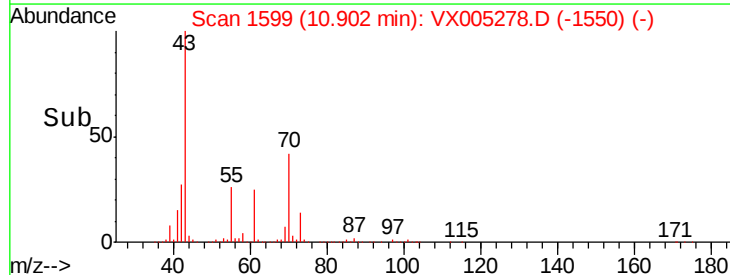
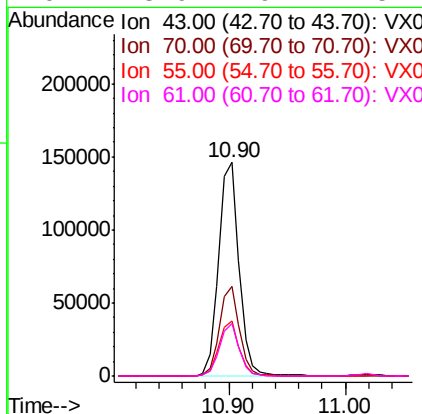
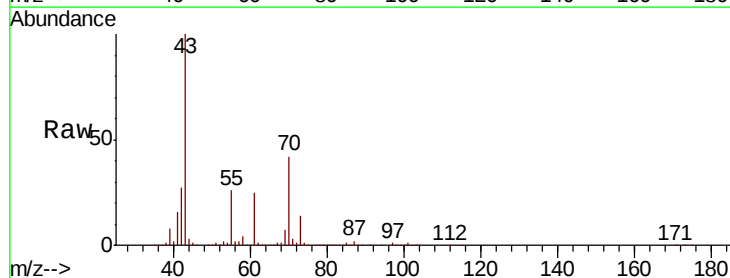
Instrument :
MSVOA_X
ClientSampleId :

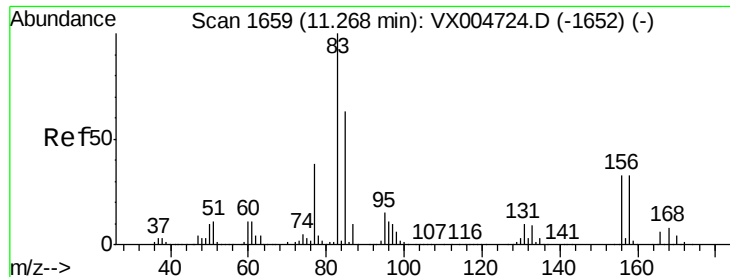
Tot Ion: 105 Resp: 615171
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 30.589 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 43 Resp: 175700
Ion Ratio Lower Upper
43 100
70 41.4 32.6 48.8
55 25.9 21.6 32.4
61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.720 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

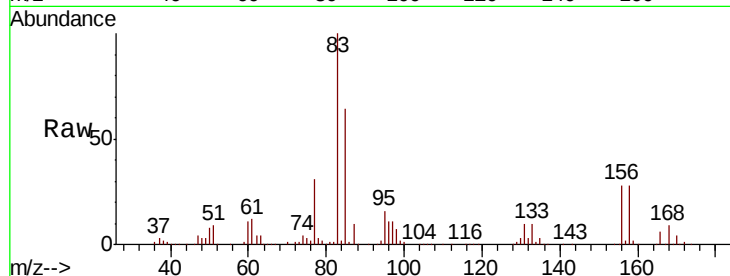
Tot Ion: 83 Resp: 225192

Ion Ratio Lower Upper

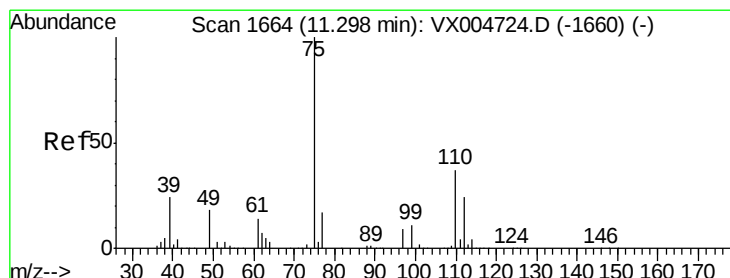
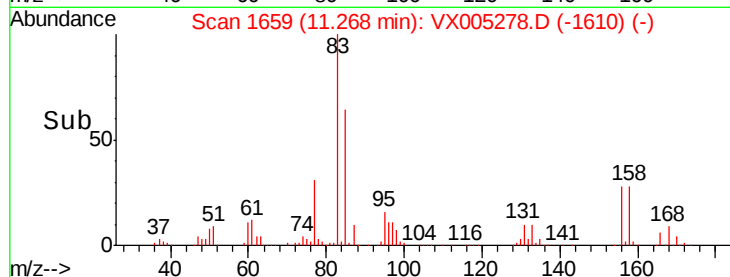
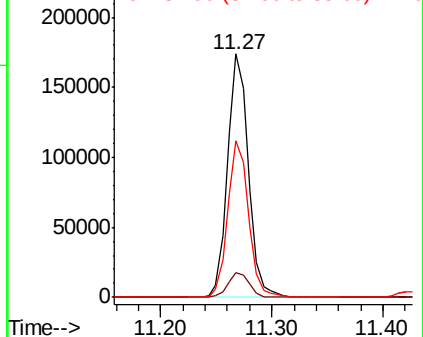
83 100

131 10.5 5.1 15.3

85 64.2 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 60.818 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005278.D

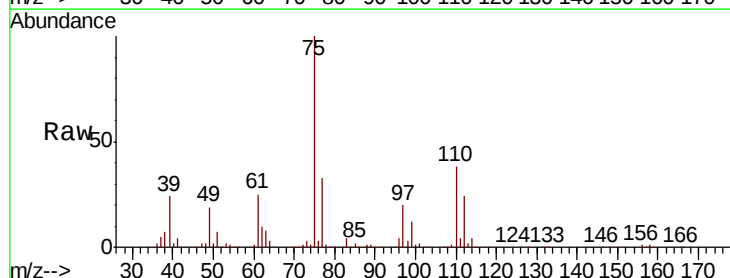
Acq: 12 Oct 2018 02:15

Tgt Ion: 75 Resp: 231320

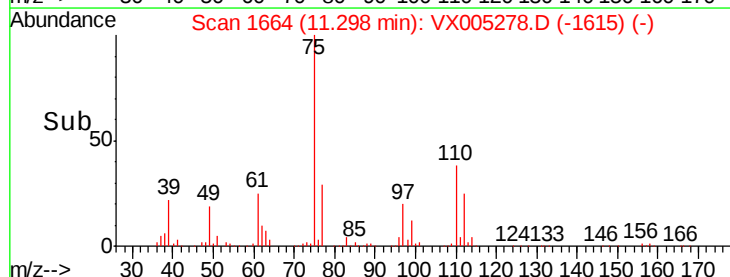
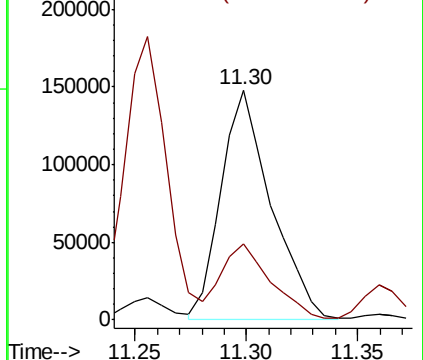
Ion Ratio Lower Upper

75 100

77 32.7 21.4 64.3



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





#77

Bromobenzene

Concen: 54.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampled :

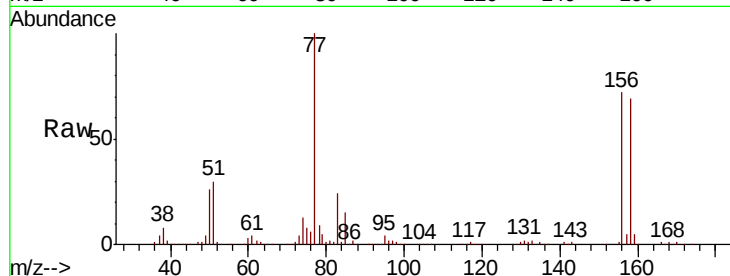
Tot Ion:156 Resp: 169595

Ion Ratio Lower Upper

156 100

77 142.1 73.4 220.2

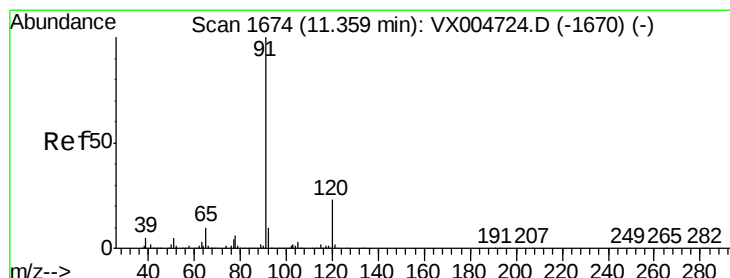
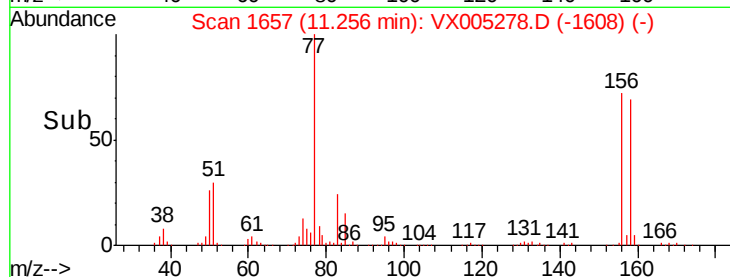
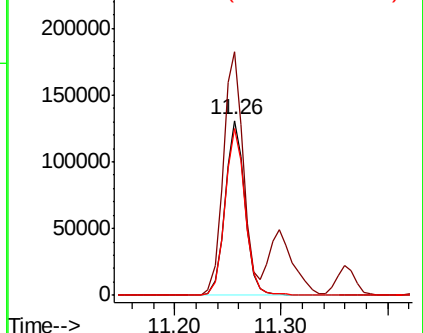
158 97.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.659 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005278.D

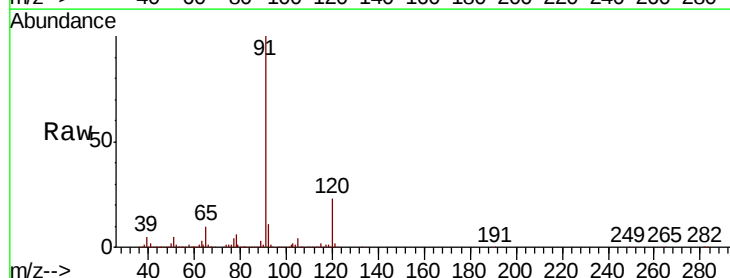
Acq: 12 Oct 2018 02:15

Tgt Ion: 91 Resp: 695353

Ion Ratio Lower Upper

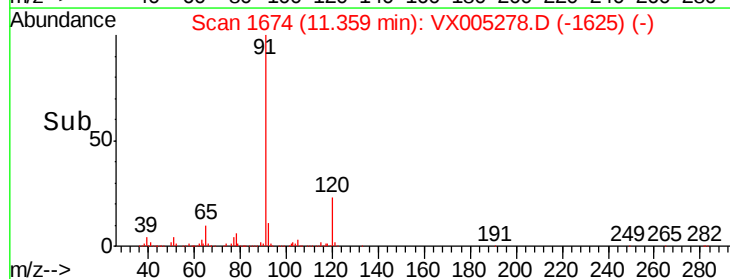
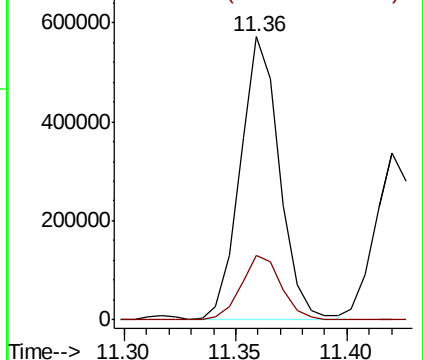
91 100

120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.412 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

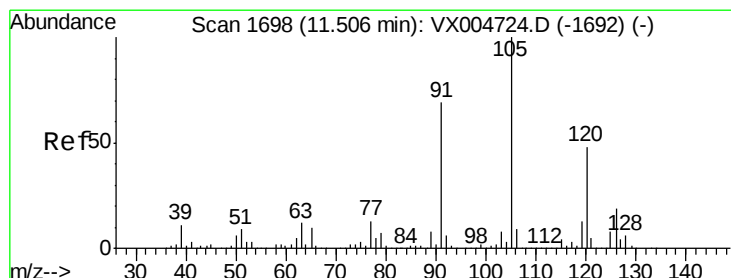
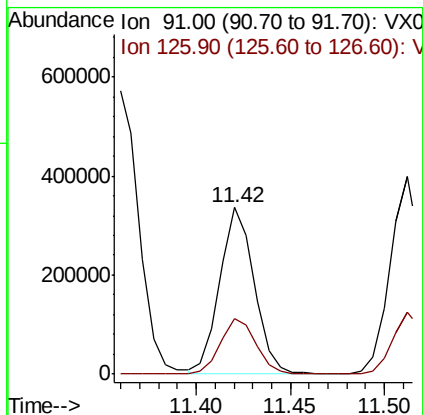
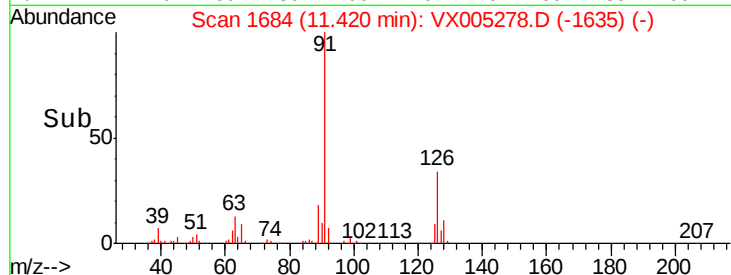
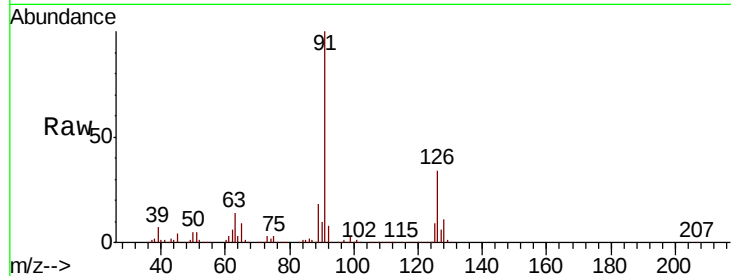
ClientSampleId :

Tot Ion: 91 Resp: 423883

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 53.559 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005278.D

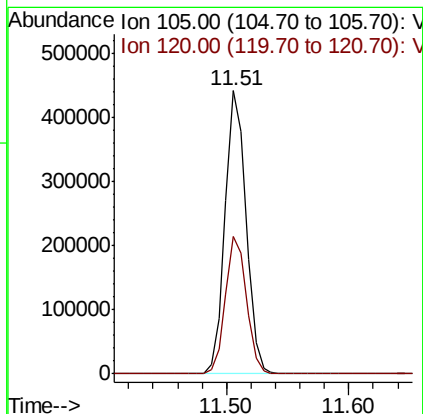
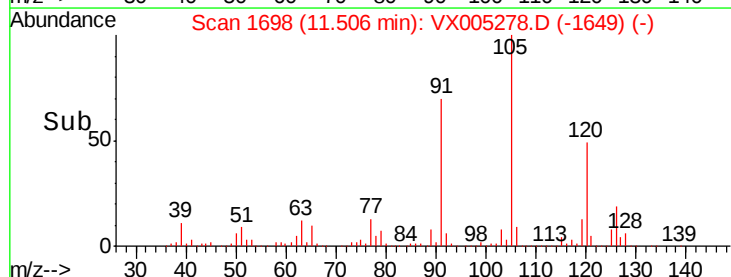
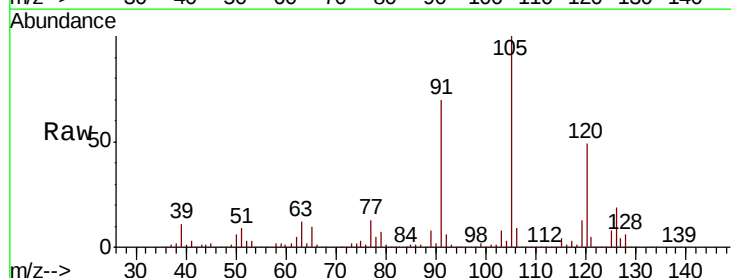
Acq: 12 Oct 2018 02:15

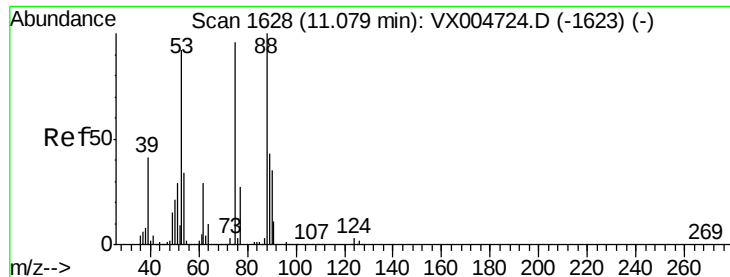
Tgt Ion: 105 Resp: 524922

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 29.337 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

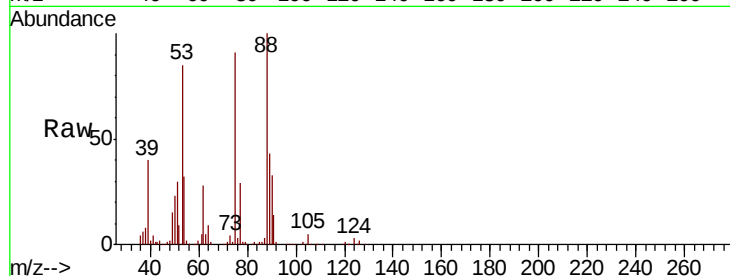
Tot Ion: 75 Resp: 39719

Ion Ratio Lower Upper

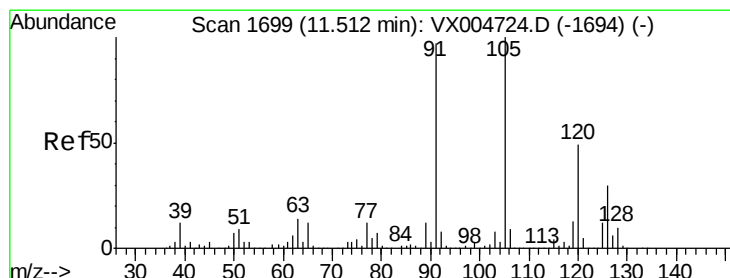
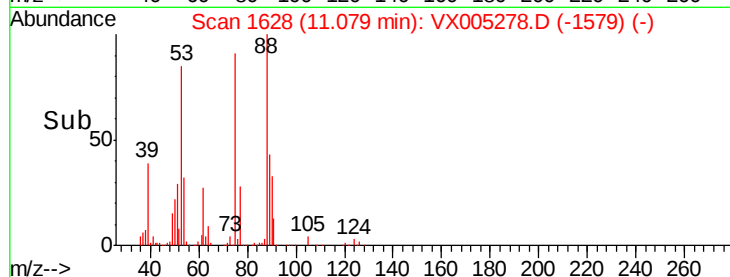
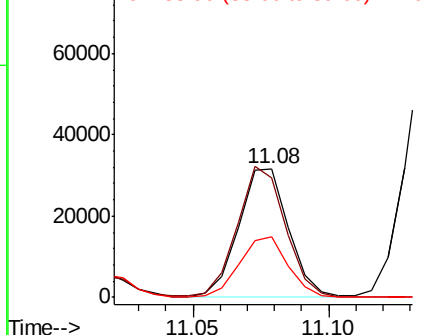
75 100

53 99.4 80.2 120.4

89 46.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.993 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005278.D

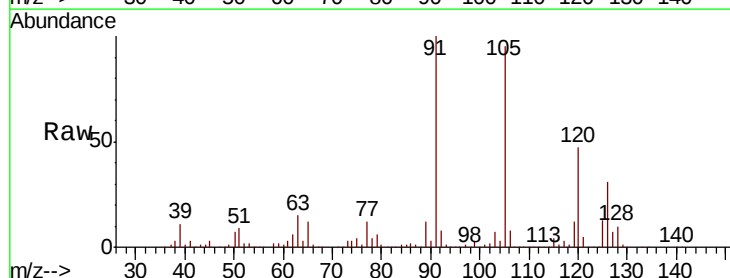
Acq: 12 Oct 2018 02:15

Tgt Ion: 91 Resp: 495159

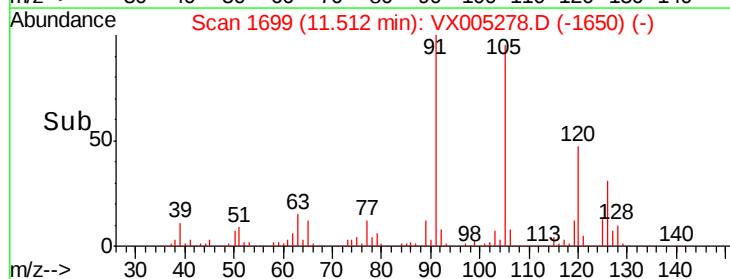
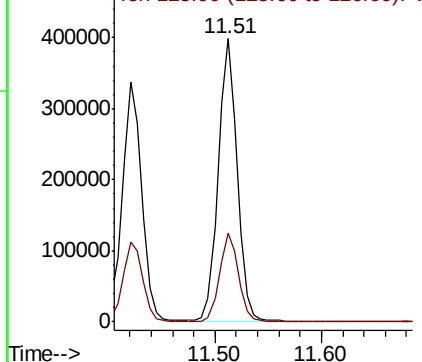
Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

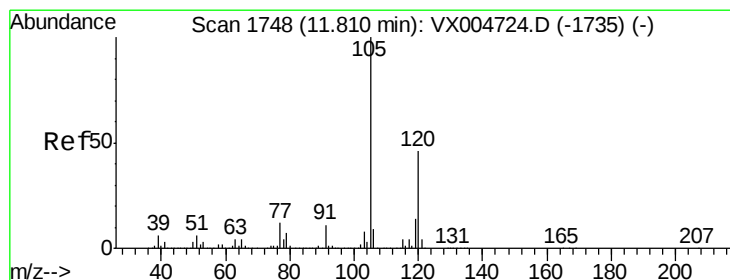
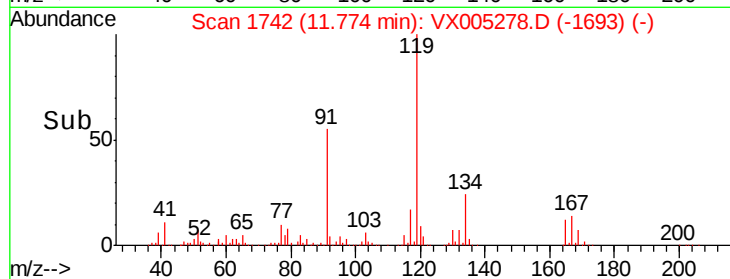
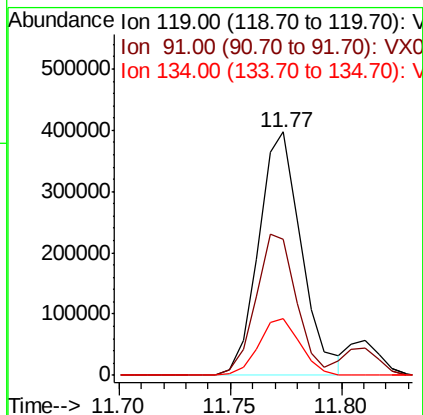
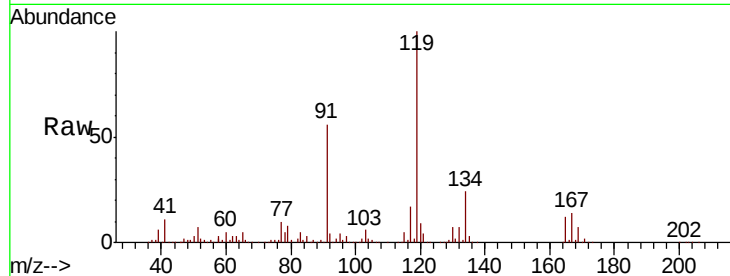




#83
 tert-Butylbenzene
 Concen: 60.232 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

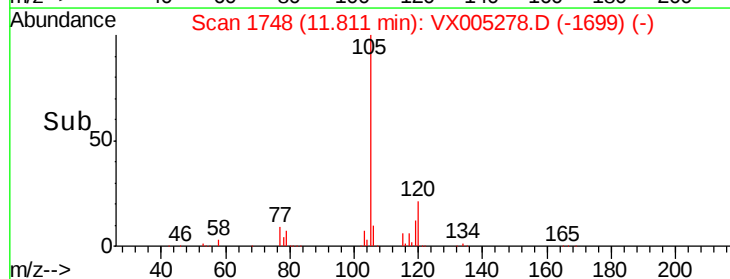
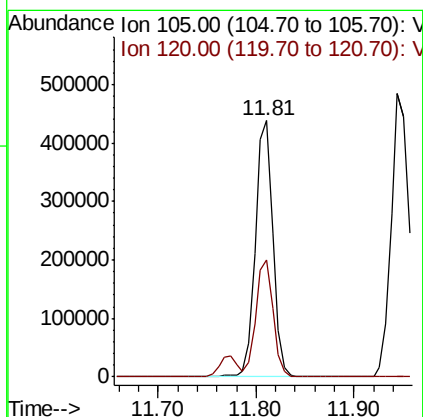
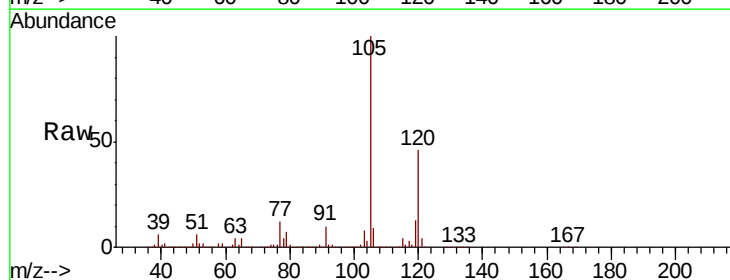
Instrument :
 MSVOA_X
 ClientSampleId :

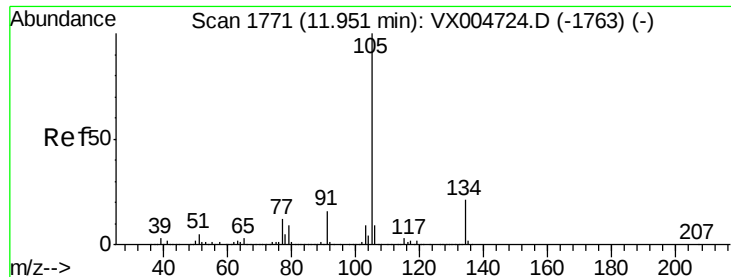
Tot Ion:119 Resp: 530435
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.5 82.5
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.581 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion:105 Resp: 541563
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 57.130 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

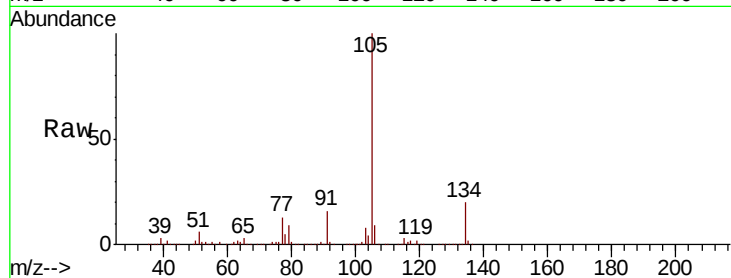
ClientSampleId :

Tot Ion:105 Resp: 612815

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

500000

400000

300000

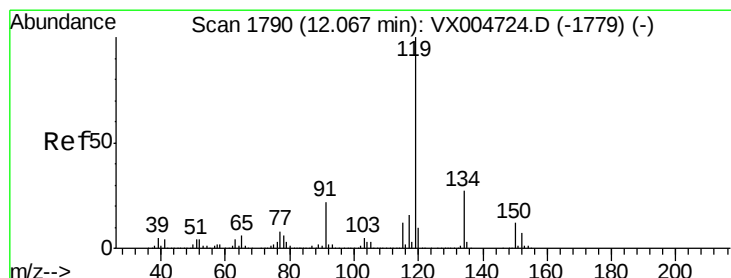
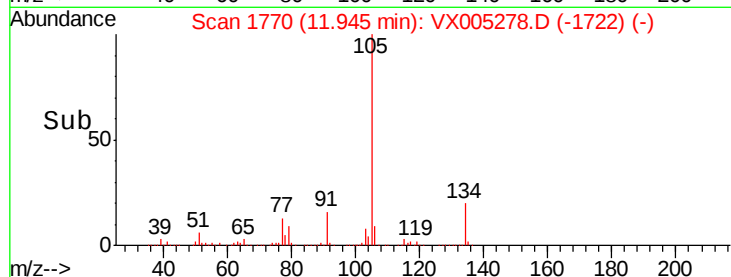
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 56.835 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

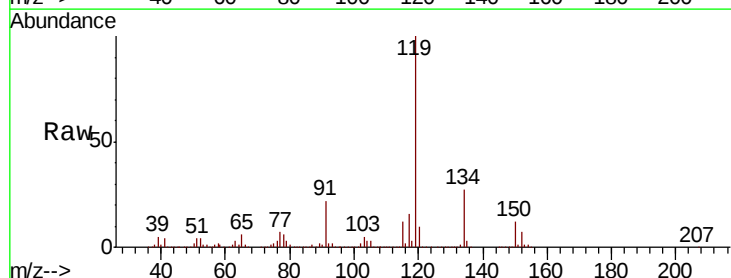
Tgt Ion:119 Resp: 552339

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.8 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

600000

500000

400000

300000

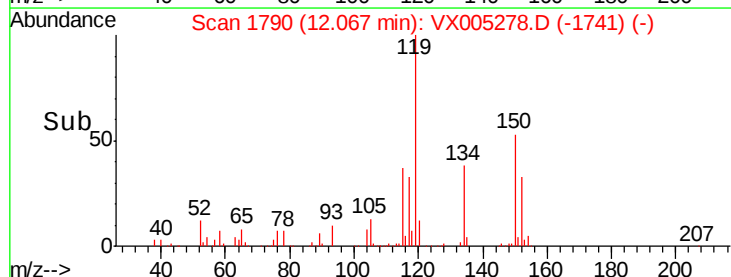
200000

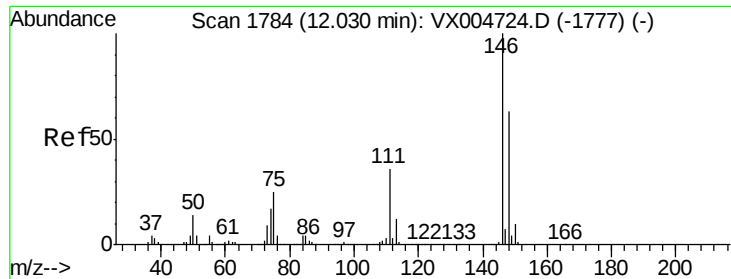
100000

0

Time-->

12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 52.940 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

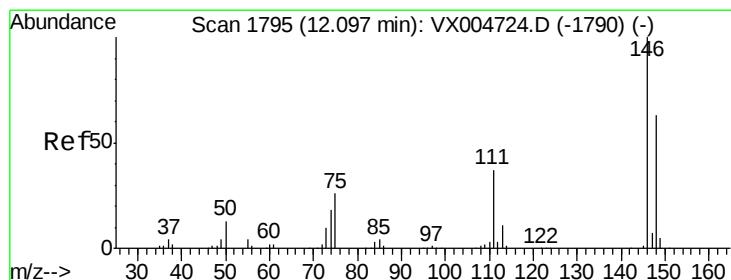
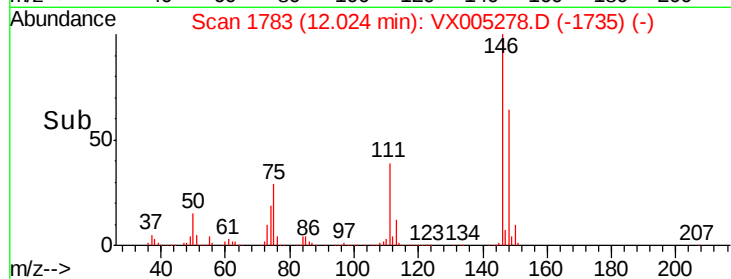
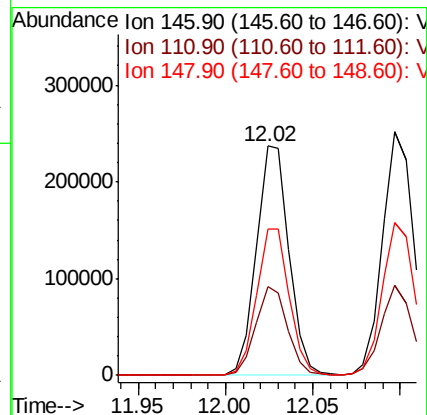
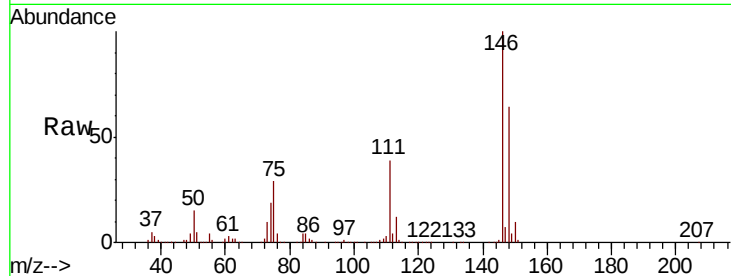
Tot Ion:146 Resp: 307120

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.467 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

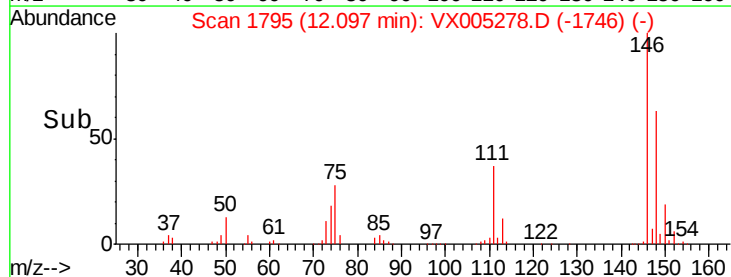
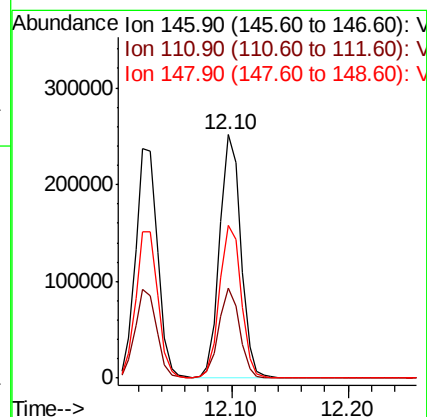
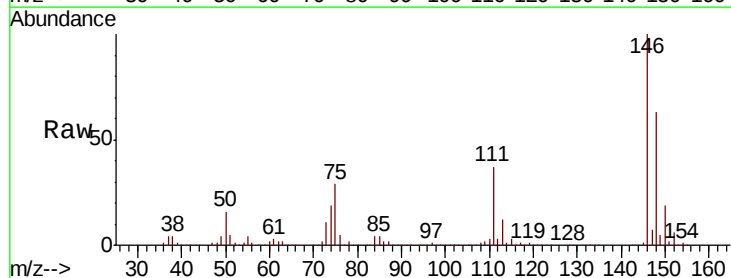
Tgt Ion:146 Resp: 314203

Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.2

148 64.1 32.0 96.0

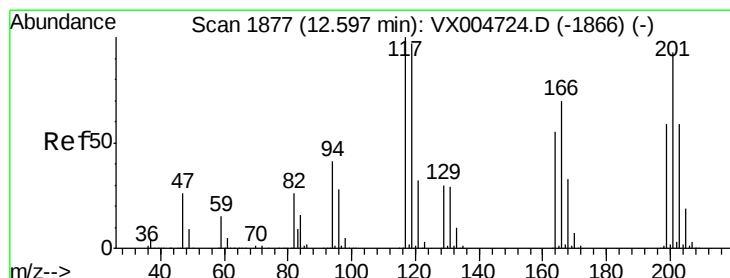
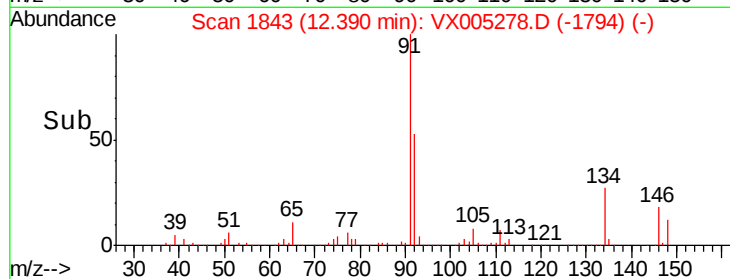
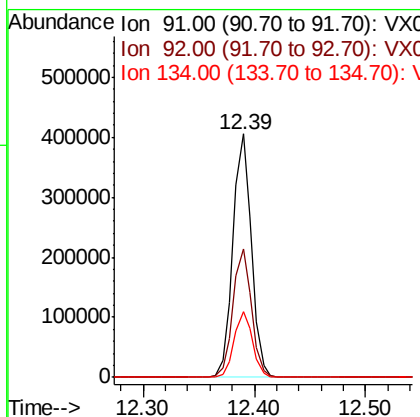
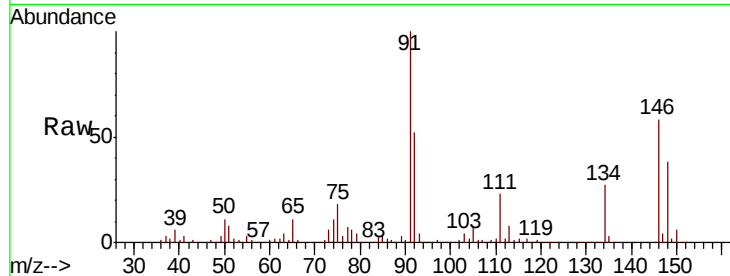




#89
n-Butylbenzene
Concen: 52.623 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

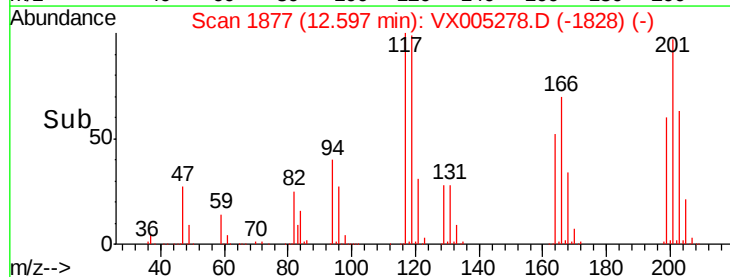
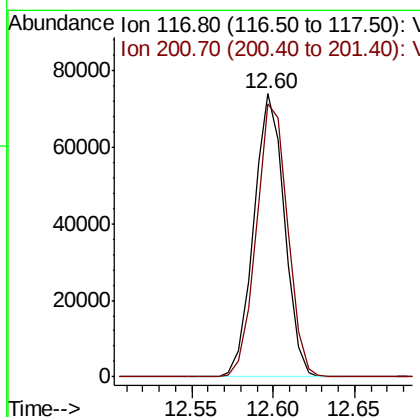
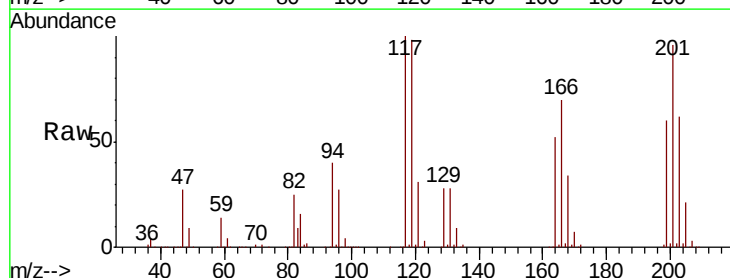
Instrument :
MSVOA_X
ClientSampleId :

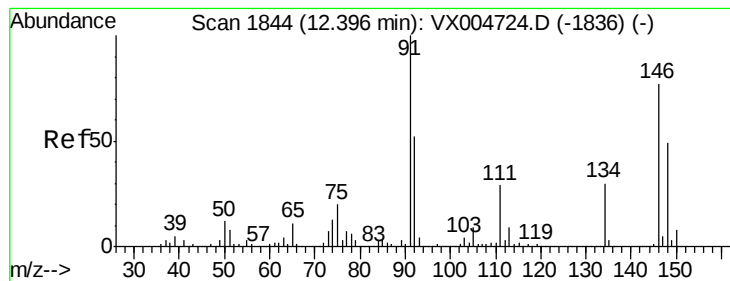
Tot Ion: 91 Resp: 464459
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 26.9 13.2 39.6



#90
Hexachloroethane
Concen: 59.584 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005278.D
Acq: 12 Oct 2018 02:15

Tgt Ion: 117 Resp: 96412
Ion Ratio Lower Upper
117 100
201 98.3 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 52.620 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

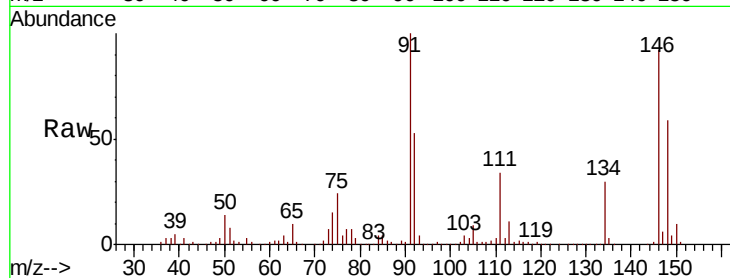
Tot Ion:146 Resp: 319013

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

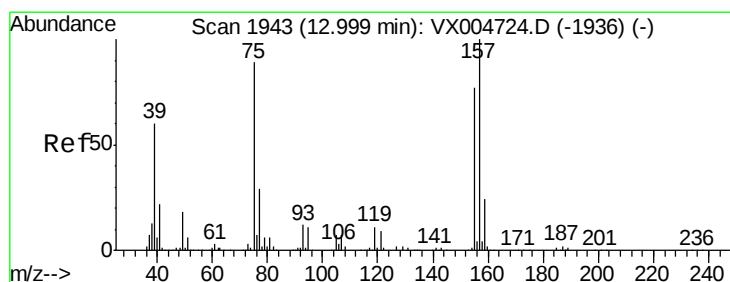
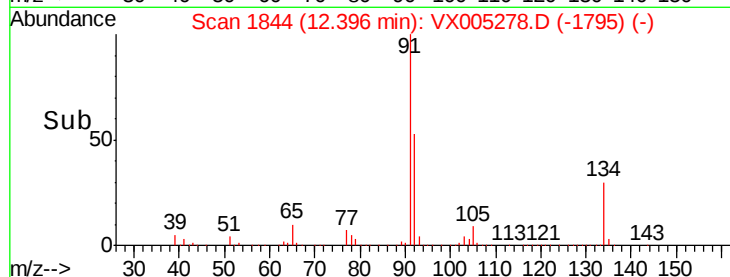
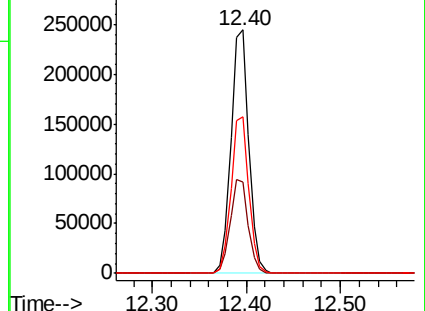
148 63.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.786 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

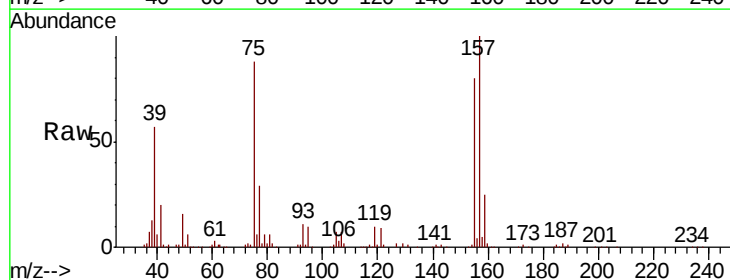
Tgt Ion: 75 Resp: 55244

Ion Ratio Lower Upper

75 100

155 95.8 46.1 138.3

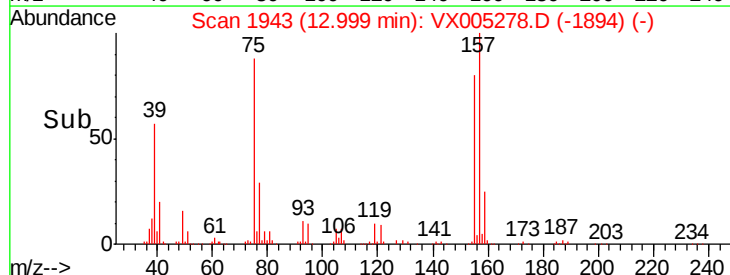
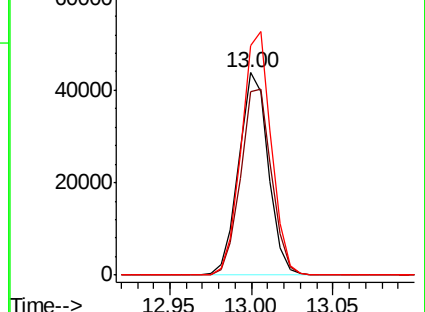
157 121.3 60.2 180.6

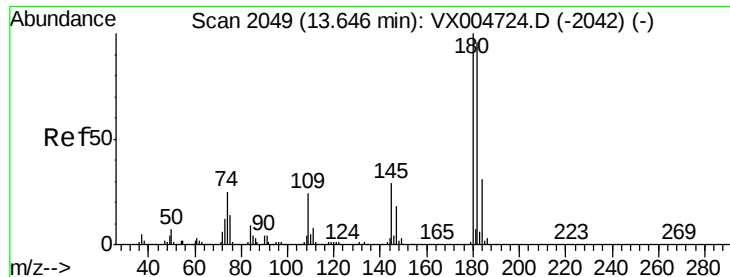


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

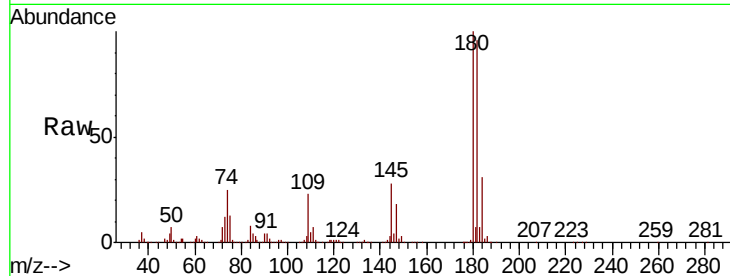




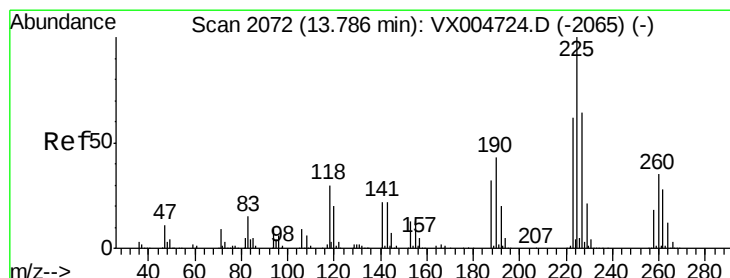
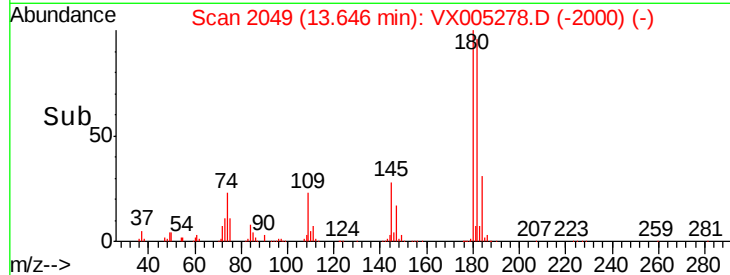
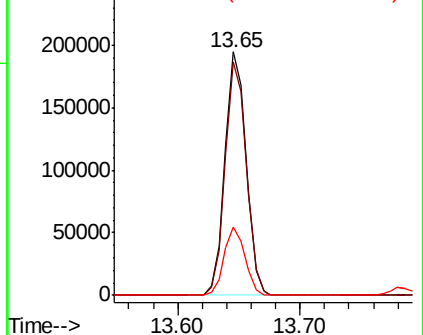
#93
 1,2,4-Trichlorobenzene
 Concen: 54.703 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 232640
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 28.0 14.1 42.4

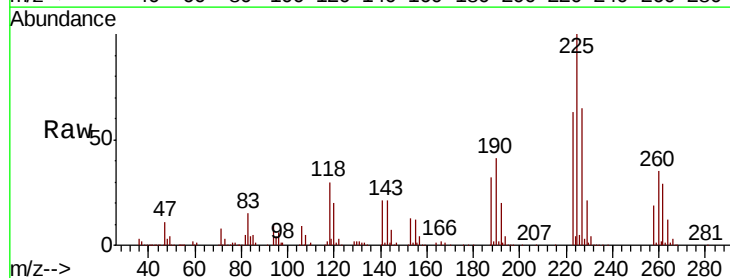


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

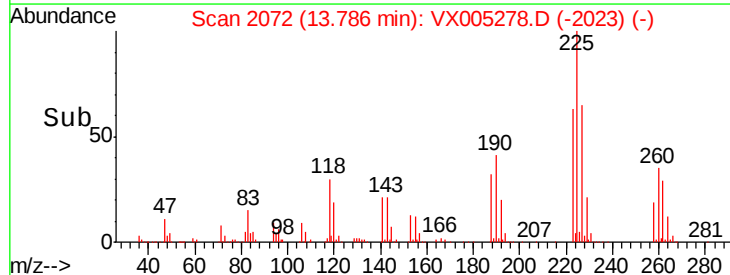
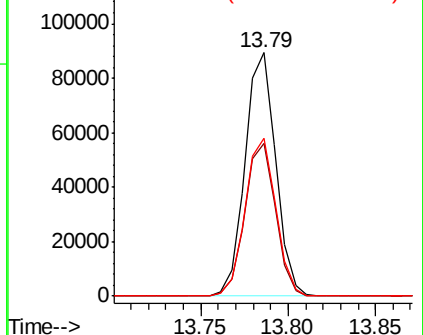


#94
 Hexachlorobutadiene
 Concen: 49.267 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005278.D
 Acq: 12 Oct 2018 02:15

Tgt Ion:225 Resp: 108649
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 65.1 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.242 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

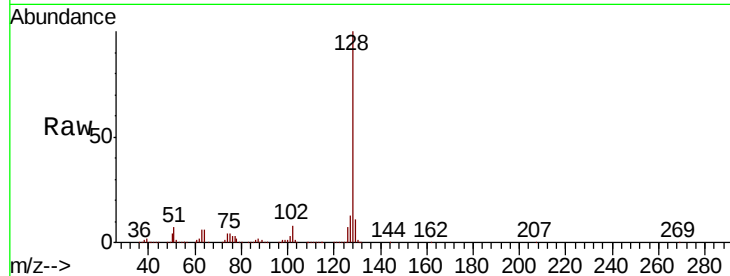
Tot Ion:128 Resp: 766518

Ion Ratio Lower Upper

128 100

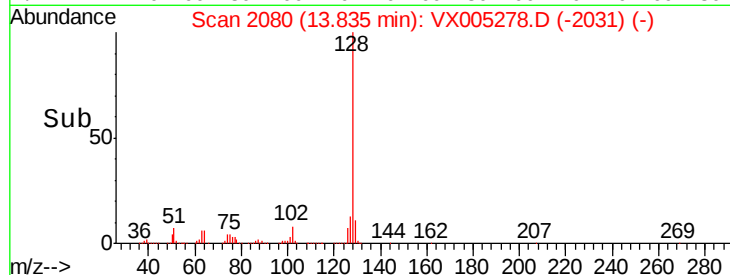
127 12.9 10.4 15.6

129 10.8 8.7 13.1

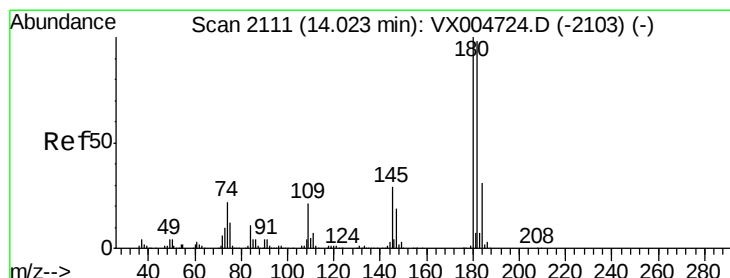


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 56.410 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005278.D

Acq: 12 Oct 2018 02:15

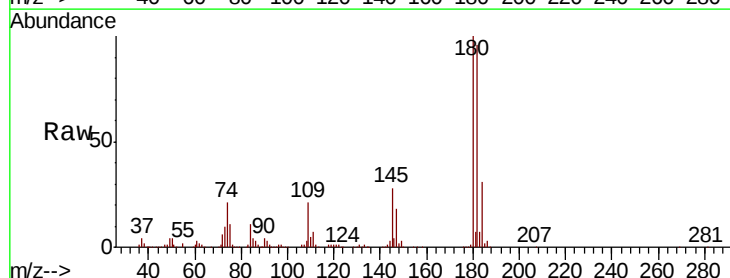
Tgt Ion:180 Resp: 247821

Ion Ratio Lower Upper

180 100

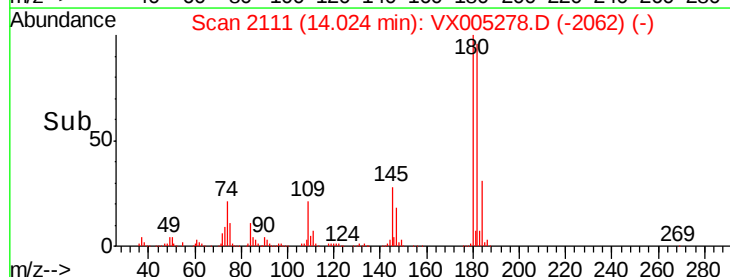
182 95.1 47.9 143.8

145 28.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

14.02



Time-->