

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007777.D
 Acq On : 28 Feb 2019 19:58
 Operator : JC/SP
 Sample : K1655-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

Quant Time: Mar 01 01:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	293008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	175093	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.50	113	146778	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.71	98	545108	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	195123	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	120291	44.566	ug/l	100
3) Chloromethane	1.33	50	142047	47.490	ug/l	100
4) Vinyl Chloride	1.41	62	147976	48.221	ug/l	100
5) Bromomethane	1.64	94	83975	43.234	ug/l	99
6) Chloroethane	1.72	64	94776	48.341	ug/l	98
7) Trichlorofluoromethane	1.93	101	206900	43.981	ug/l	99
8) Diethyl Ether	2.19	74	89470	46.341	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119844	42.149	ug/l	98
10) Methyl Iodide	2.51	142	185490	52.391	ug/l	100
11) Tert butyl alcohol	3.07	59	160338	232.836	ug/l	99
12) 1,1-Dichloroethene	2.38	96	117661	45.907	ug/l	95
13) Acrolein	2.30	56	116471	190.335	ug/l	99
14) Allyl chloride	2.73	41	244163	51.521	ug/l	93
15) Acrylonitrile	3.15	53	420301	259.355	ug/l	99
16) Acetone	2.45	43	359541	222.762	ug/l	99
17) Carbon Disulfide	2.57	76	327352	45.909	ug/l	98
18) Methyl Acetate	2.78	43	171524	48.701	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	436810	48.941	ug/l	98
20) Methylene Chloride	2.86	84	136628	45.844	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	127301	45.688	ug/l	92
22) Diisopropyl ether	3.87	45	507392	51.432	ug/l	95
23) Vinyl Acetate	3.82	43	1938672	223.984	ug/l	97
24) 1,1-Dichloroethane	3.70	63	263365	49.121	ug/l	98
25) 2-Butanone	4.70	43	621583	252.824	ug/l	94
26) 2,2-Dichloropropane	4.59	77	165695	38.715	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	160991	45.409	ug/l	94
28) Bromochloromethane	5.02	49	124163	47.569	ug/l	85
29) Tetrahydrofuran	5.15	42	414598	255.827	ug/l	93
30) Chloroform	5.21	83	263510	45.882	ug/l	100
31) Cyclohexane	5.57	56	235813	46.757	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	223210	46.994	ug/l	97
36) 1,1-Dichloropropene	5.80	75	195283	49.805	ug/l	97
37) Ethyl Acetate	4.85	43	212245	48.730	ug/l	99
38) Carbon Tetrachloride	5.78	117	193408	49.105	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227183	45.845	ug/l	95
40) Benzene	6.15	78	604877	49.975	ug/l	99
41) Methacrylonitrile	5.06	41	134723	57.926	ug/l	94
42) 1,2-Dichloroethane	6.20	62	210213	51.673	ug/l	100
43) Isopropyl Acetate	6.46	43	345121	51.485	ug/l	98
44) Trichloroethene	7.21	130	164088	49.282	ug/l	97
45) 1,2-Dichloropropane	7.52	63	162161	51.720	ug/l	98
46) Dibromomethane	7.66	93	103222	47.191	ug/l	98
47) Bromodichloromethane	7.90	83	195713	51.632	ug/l	98
48) Methyl methacrylate	7.77	41	197066	56.083	ug/l	91
49) 1,4-Dioxane	7.75	88	66271	873.225	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1215899	270.977	ug/l	99
52) Toluene	8.79	92	373173	48.893	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	214030	45.675	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	231995	50.434	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	156881	49.291	ug/l	99
56) Ethyl methacrylate	9.18	69	242698	53.622	ug/l	95
57) 1,3-Dichloropropane	9.37	76	262328	51.489	ug/l	100
59) 2-Hexanone	9.49	43	903058	256.348	ug/l	100
60) Dibromochloromethane	9.58	129	161958	52.883	ug/l	98
61) 1,2-Dibromoethane	9.67	107	165809	50.177	ug/l	100
64) Tetrachloroethene	9.34	164	161603	50.738	ug/l	98
65) Chlorobenzene	10.14	112	410519	48.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154425	52.172	ug/l	99
67) Ethyl Benzene	10.25	91	697419	49.615	ug/l	99
68) m/p-Xylenes	10.36	106	534094	97.667	ug/l	97
69) o-Xylene	10.69	106	262109	49.830	ug/l	97
70) Styrene	10.71	104	425823	49.251	ug/l	99
71) Bromoform	10.86	173	126342	56.921	ug/l #	99
73) Isopropylbenzene	11.02	105	691654	48.609	ug/l	100
74) N-amyl acetate	10.90	43	281627	45.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229459	46.625	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	268266	63.216	ug/l	80
77) Bromobenzene	11.26	156	186792	52.338	ug/l	94
78) n-propylbenzene	11.36	91	777138	48.333	ug/l	98
79) 2-Chlorotoluene	11.42	91	460165	47.531	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	567649	48.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67422	43.022	ug/l	94
82) 4-Chlorotoluene	11.51	91	530076	46.803	ug/l	98
83) tert-Butylbenzene	11.77	119	563942	50.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	583194	48.713	ug/l	99
85) sec-Butylbenzene	11.94	105	678102	48.154	ug/l	99
86) p-Isopropyltoluene	12.06	119	610640	49.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	326027	49.249	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327531	48.310	ug/l	100
89) n-Butylbenzene	12.39	91	509504	46.326	ug/l	99
90) Hexachloroethane	12.60	117	99154	47.718	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	326539	49.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48966	45.665	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	228355	56.479	ug/l	100

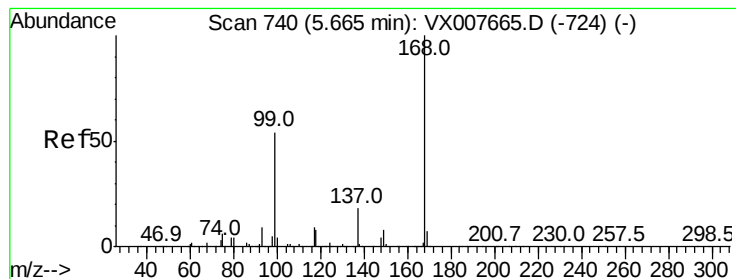
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	114901	62.121	ug/l	99
95) Naphthalene	13.83	128	688133	52.532	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	229909	56.631	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

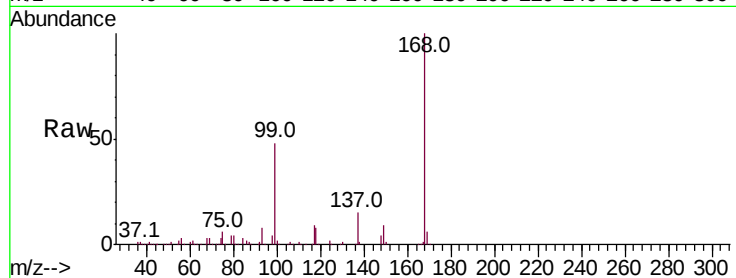
A0C1-TWPMDS

Tot Ion:168 Resp: 293008

Ion Ratio Lower Upper

168 100

99 48.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

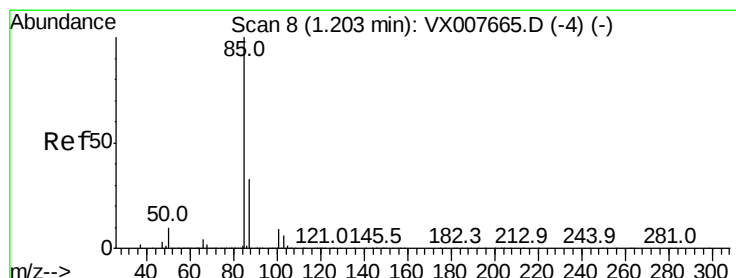
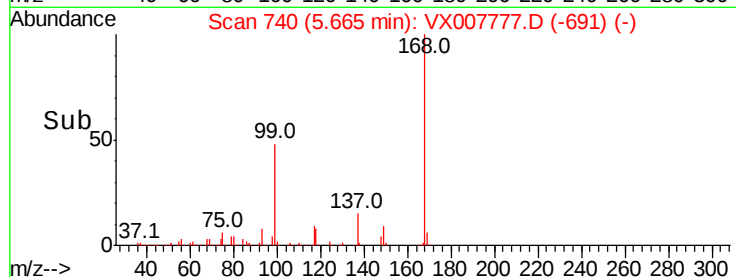
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.566 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007777.D

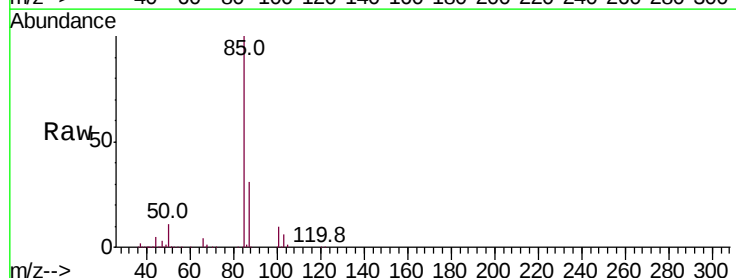
Acq: 28 Feb 2019 19:58

Tgt Ion: 85 Resp: 120291

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

50000

0

1.15

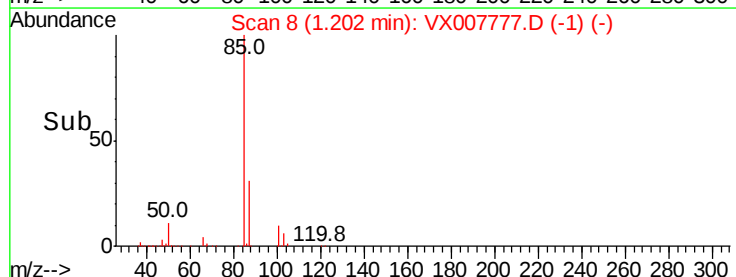
1.20

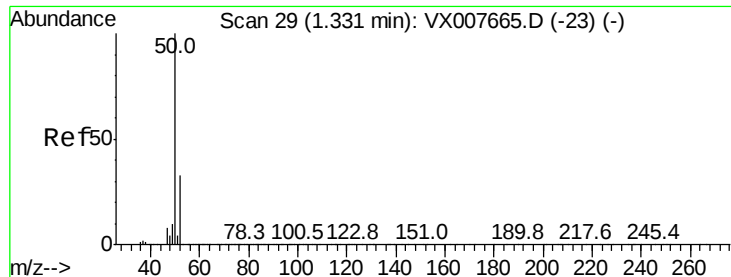
1.25

1.30

1.35

Time-->





#3

Chloromethane

Concen: 47.490 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

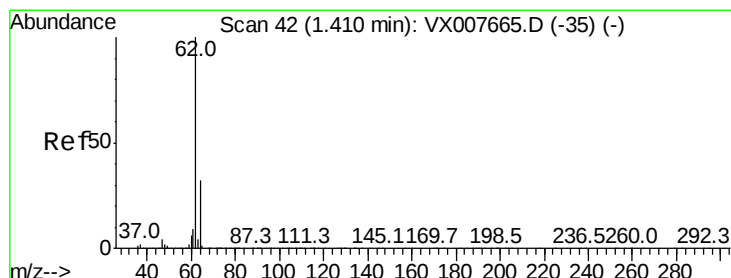
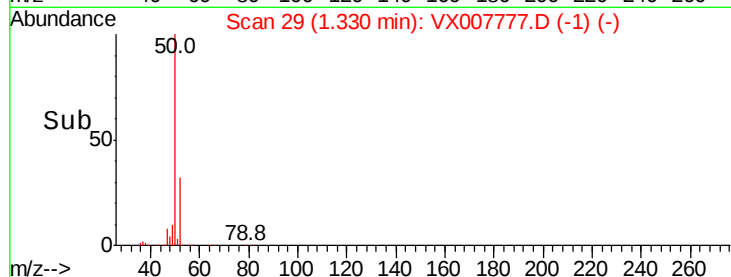
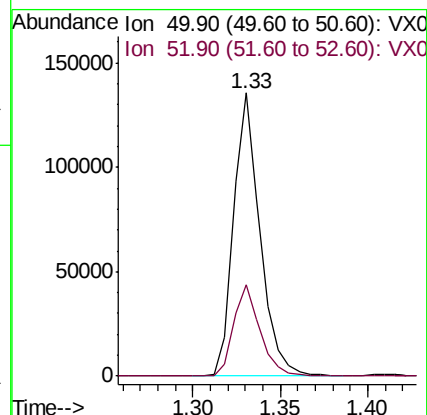
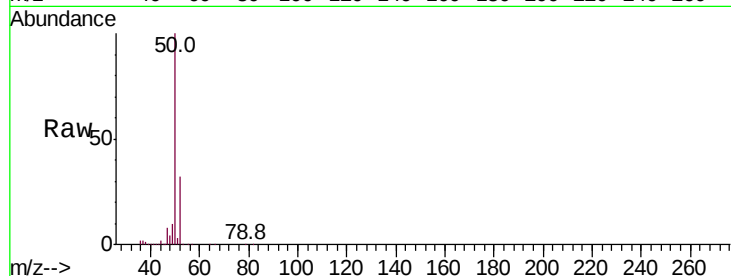
A0C1-TWPMDS

Tot Ion: 50 Resp: 142047

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 48.221 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007777.D

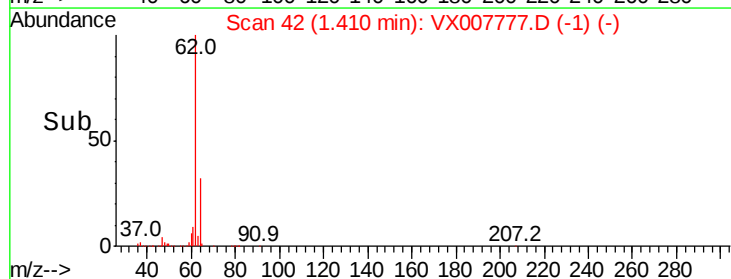
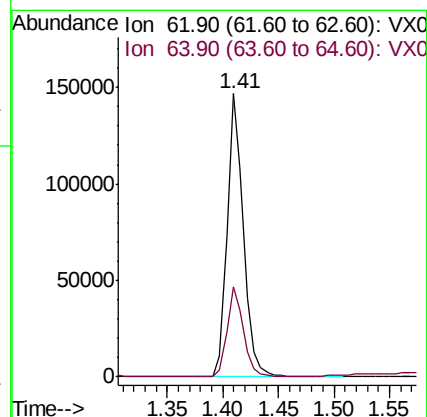
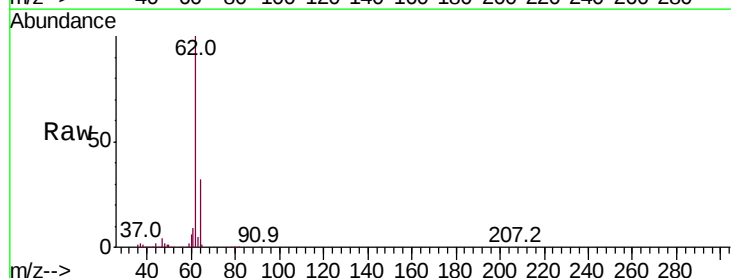
Acq: 28 Feb 2019 19:58

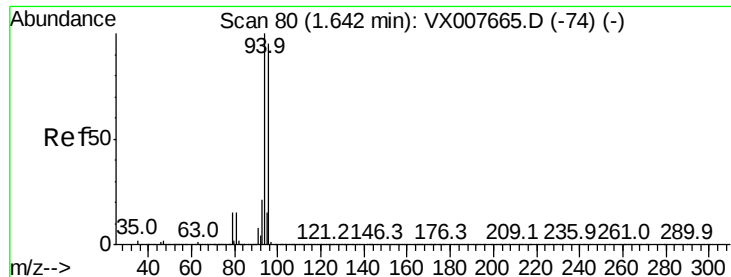
Tgt Ion: 62 Resp: 147976

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0

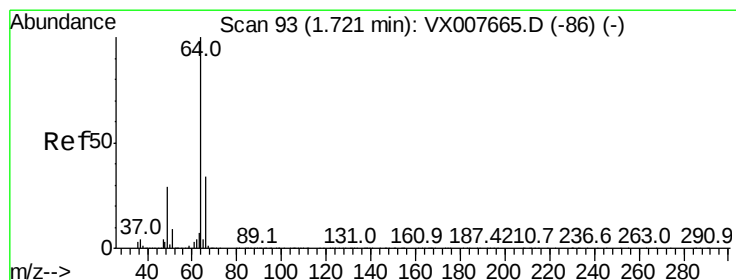
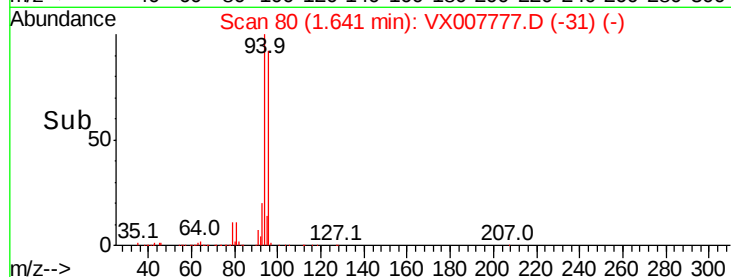
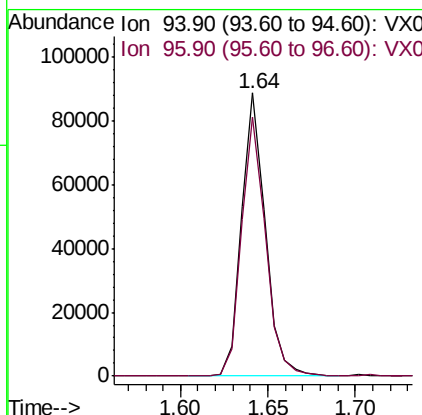
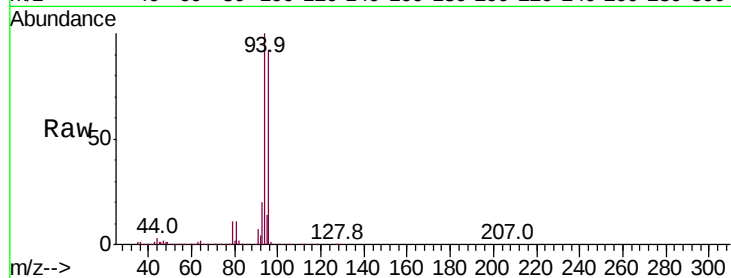




#5
Bromomethane
Concen: 43.234 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

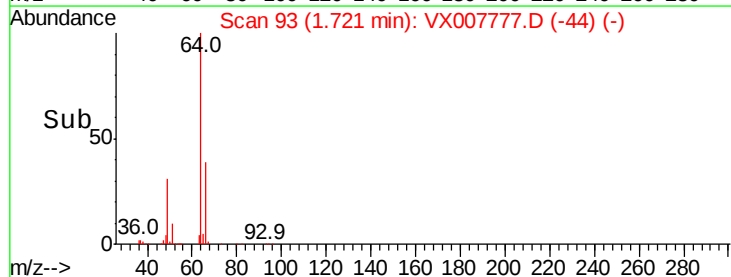
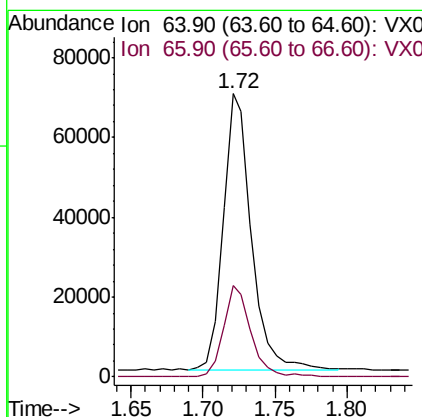
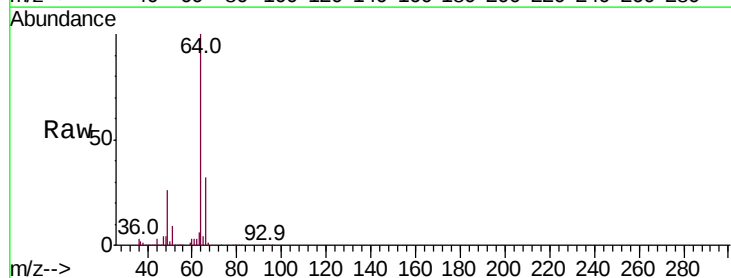
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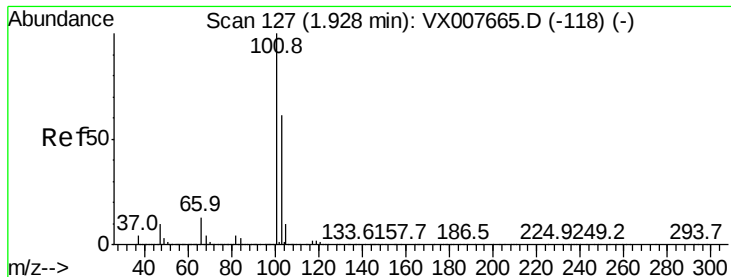
Tot Ion: 94 Resp: 83975
Ion Ratio Lower Upper
94 100
96 91.5 73.9 110.9



#6
Chloroethane
Concen: 48.341 ug/l
RT: 1.72 min Scan# 93
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 64 Resp: 94776
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3



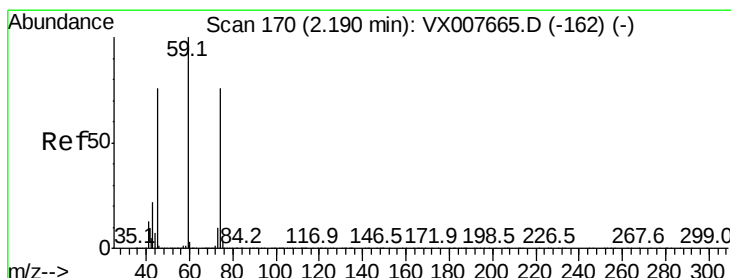
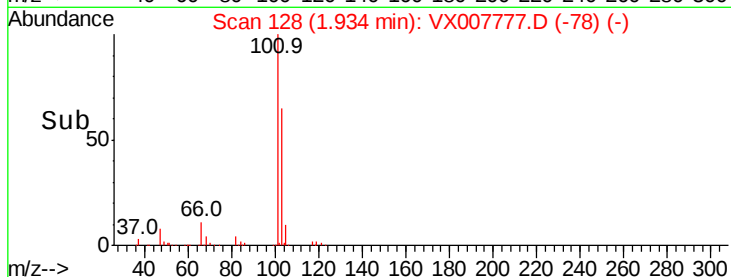
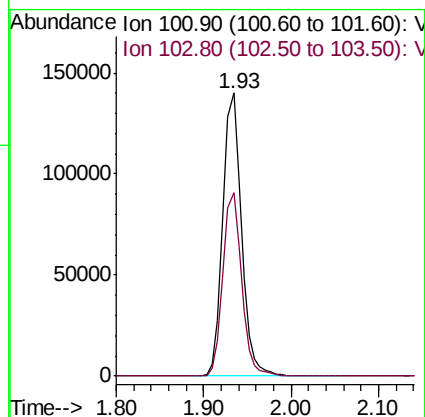
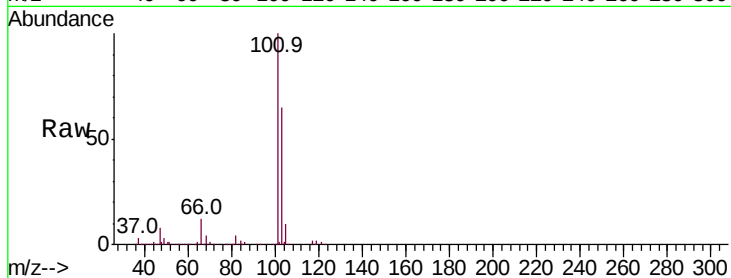


#7

Trichlorofluoromethane
Concen: 43.981 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
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ClientSampleId :
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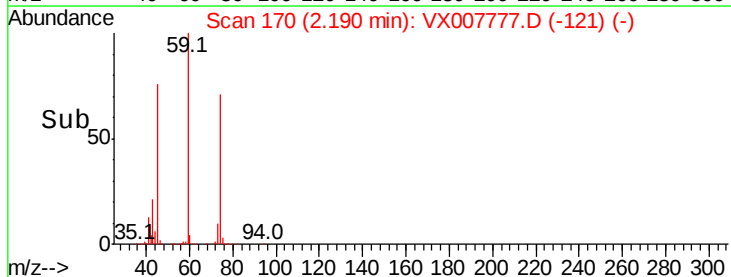
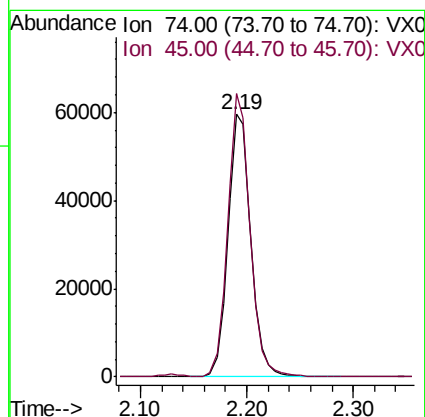
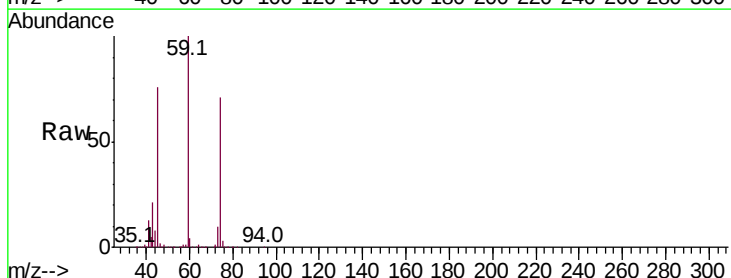
Tot Ion:101 Resp: 206900
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

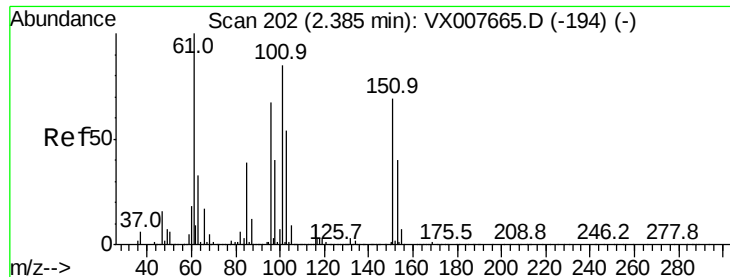


#8

Diethyl Ether
Concen: 46.341 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 74 Resp: 89470
Ion Ratio Lower Upper
74 100
45 104.0 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.149 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

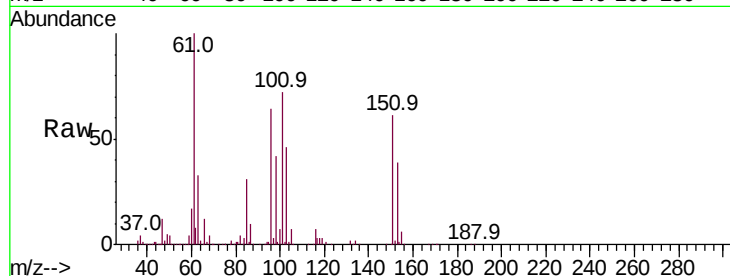
Tot Ion:101 Resp: 119844

Ion Ratio Lower Upper

101 100

85 43.4 34.1 51.1

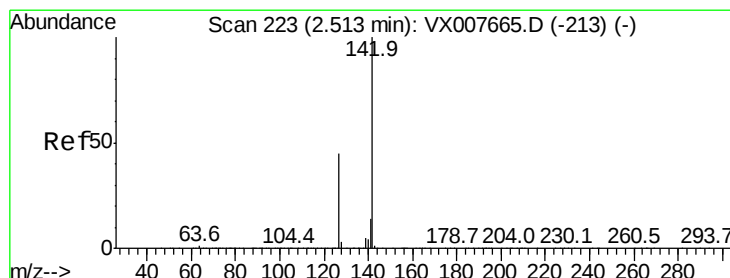
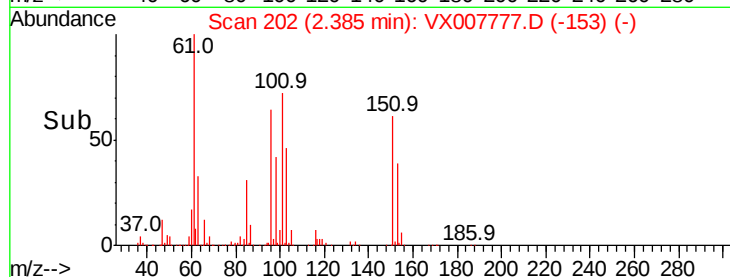
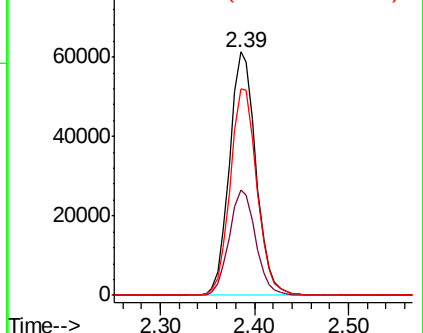
151 85.7 69.9 104.9



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: 52.391 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

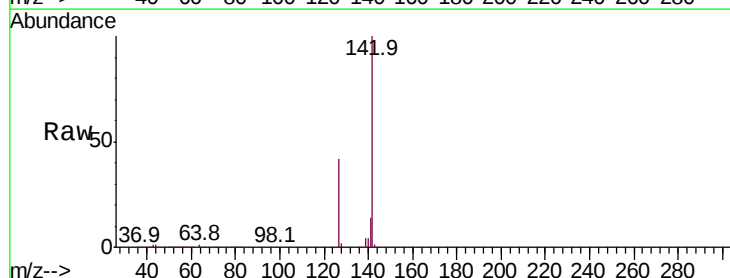
Tgt Ion:142 Resp: 185490

Ion Ratio Lower Upper

142 100

127 41.9 33.7 50.5

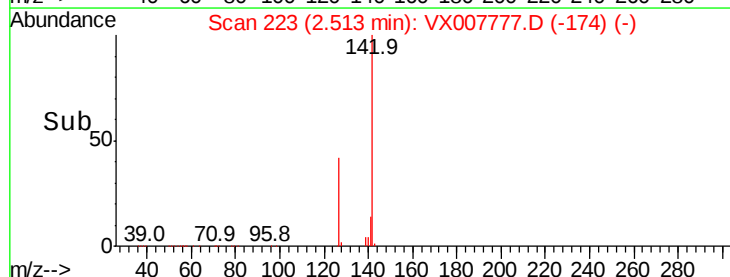
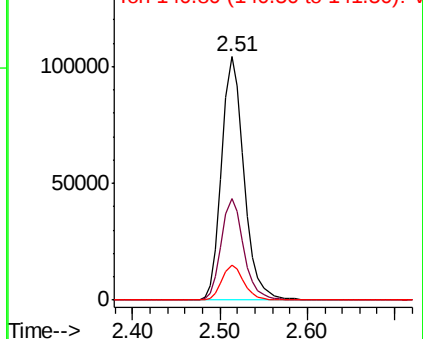
141 14.4 11.3 16.9

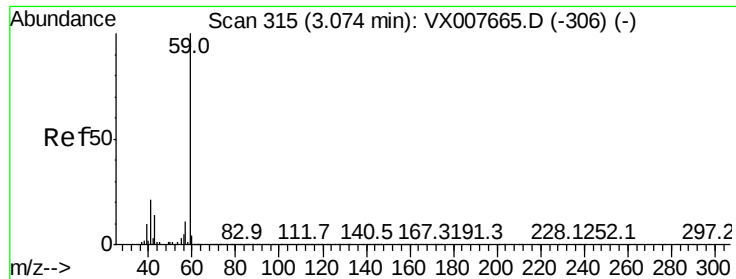


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



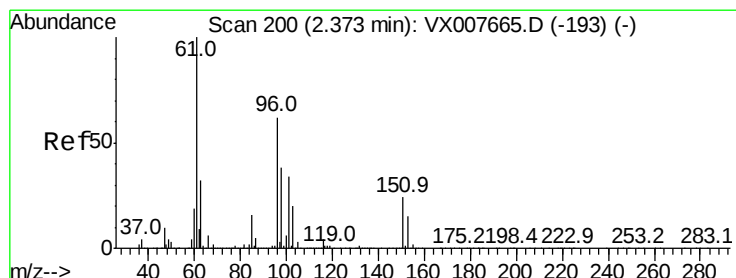
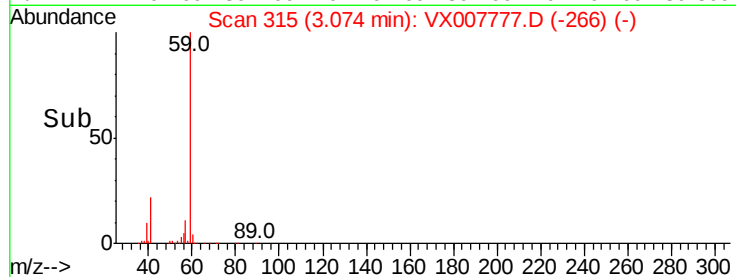
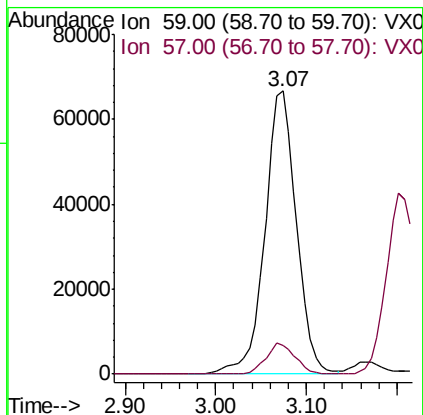
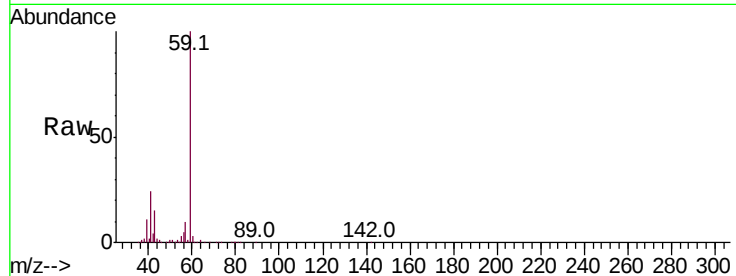


#11

Tert butyl alcohol
 Concen: 232.836 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

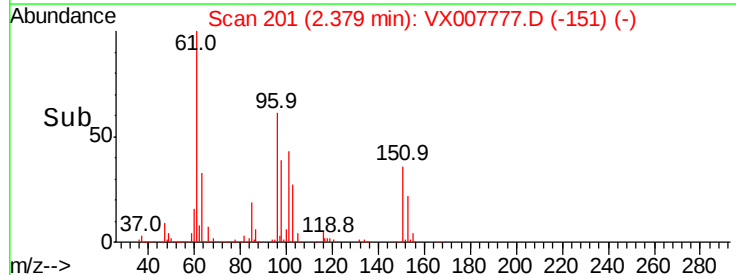
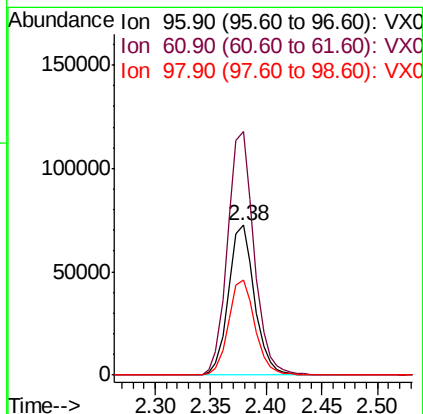
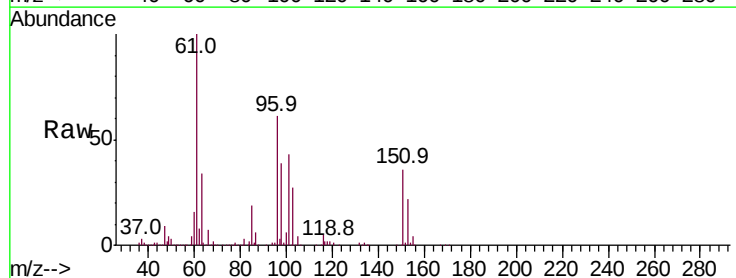
Tot Ion: 59 Resp: 160338
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

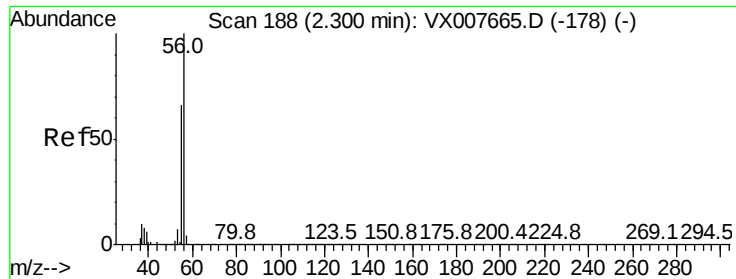


#12

1,1-Dichloroethene
 Concen: 45.907 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion: 96 Resp: 117661
 Ion Ratio Lower Upper
 96 100
 61 162.8 123.0 184.4
 98 63.7 50.9 76.3

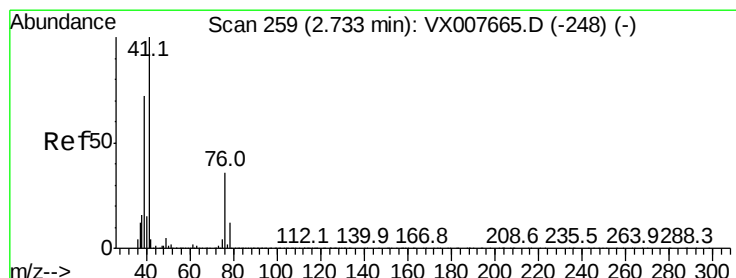
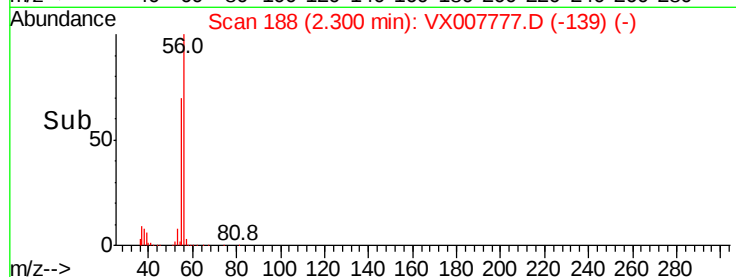
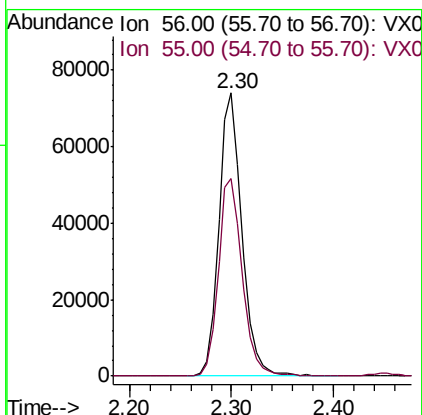
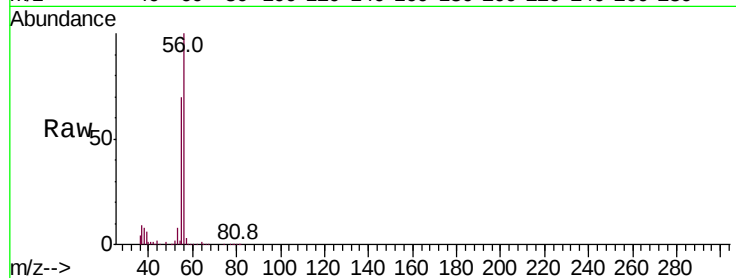




#13
Acrolein
Concen: 190.335 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

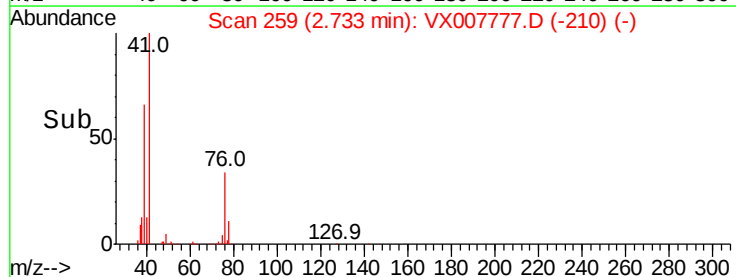
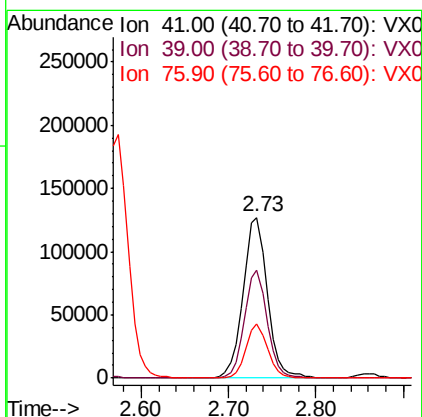
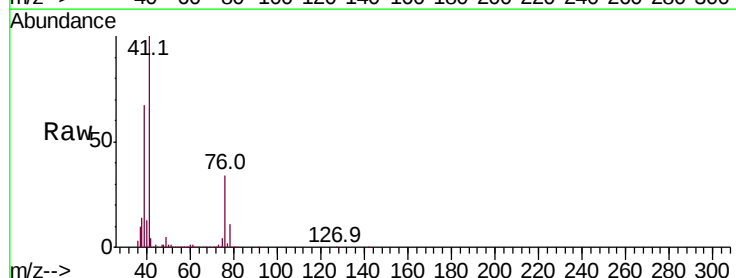
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

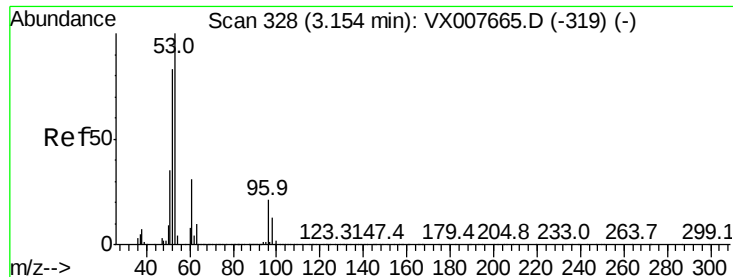
Tot Ion: 56 Resp: 116471
Ion Ratio Lower Upper
56 100
55 72.3 56.9 85.3



#14
Allyl chloride
Concen: 51.521 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 41 Resp: 244163
Ion Ratio Lower Upper
41 100
39 63.0 54.1 81.1
76 30.0 27.8 41.8





#15

Acrylonitrile

Concen: 259.355 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampled :

A0C1-TWPMDS

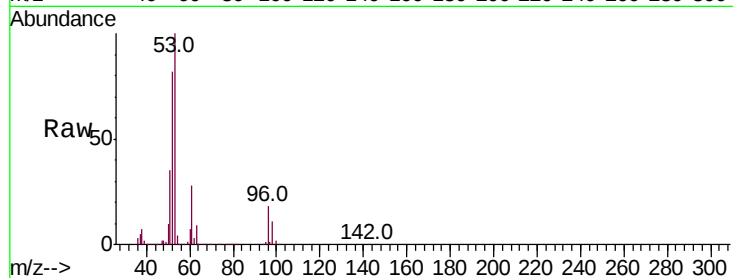
Tot Ion: 53 Resp: 420301

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

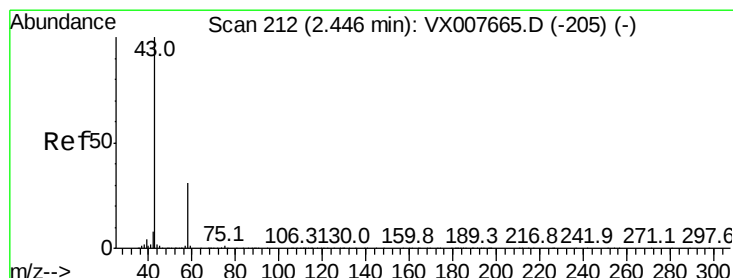
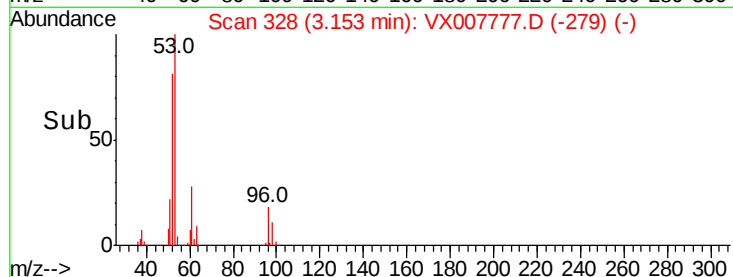
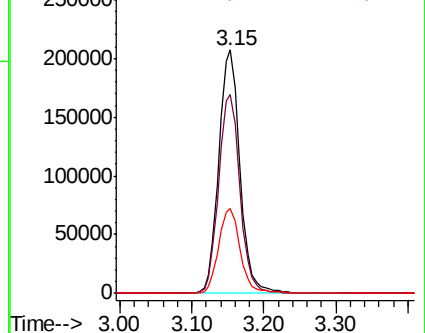
51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.762 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007777.D

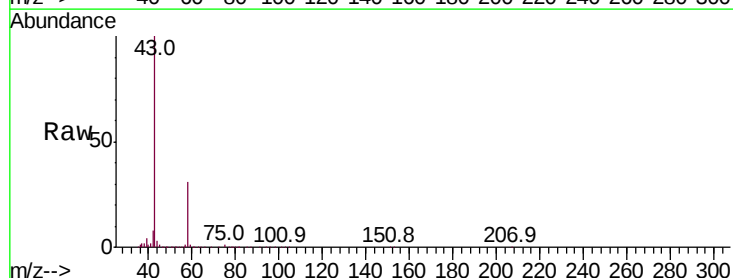
Acq: 28 Feb 2019 19:58

Tgt Ion: 43 Resp: 359541

Ion Ratio Lower Upper

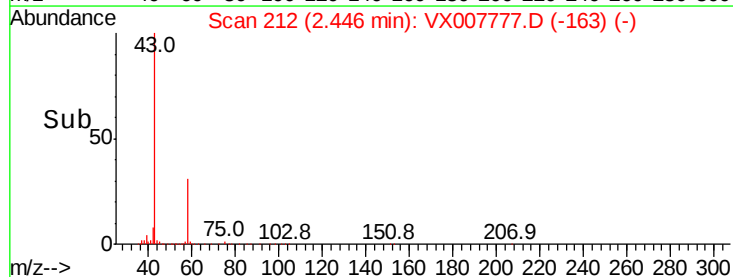
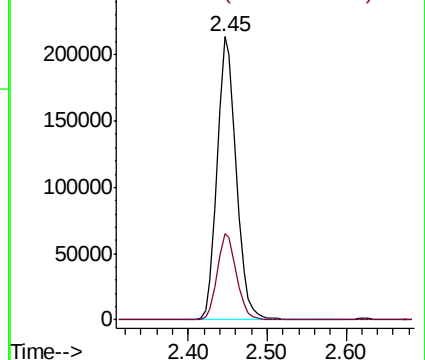
43 100

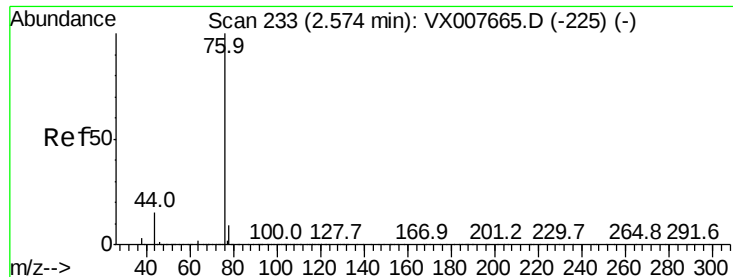
58 30.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

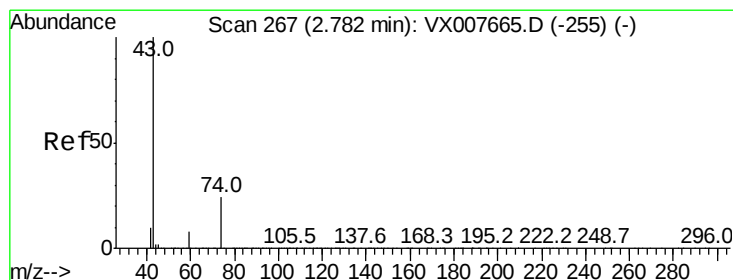
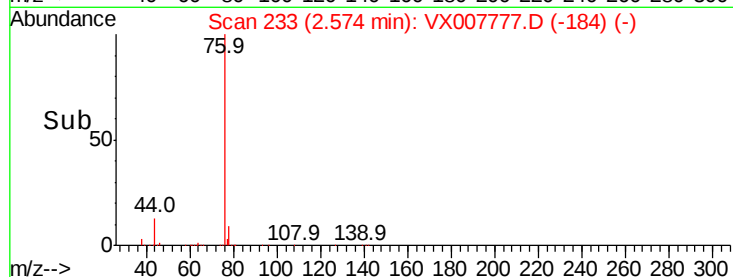
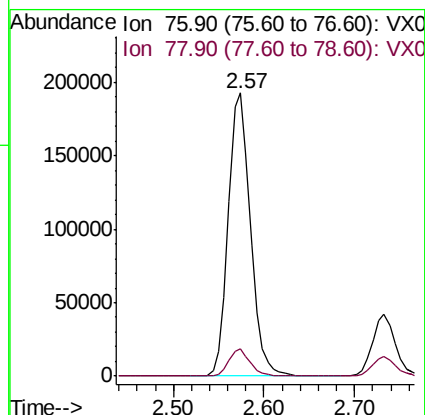
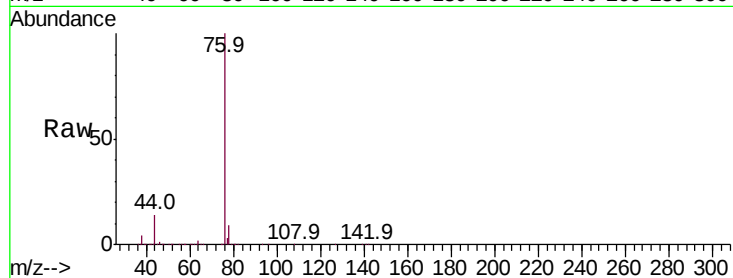




#17
Carbon Disulfide
Concen: 45.909 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

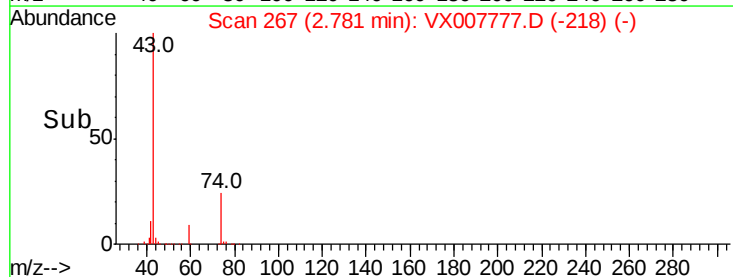
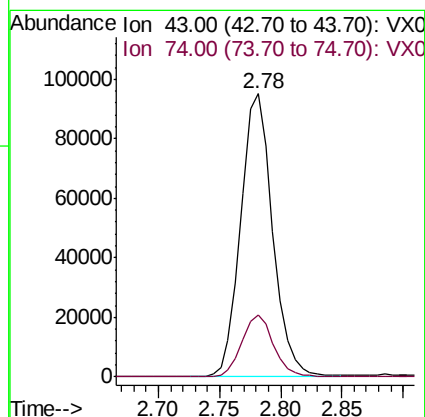
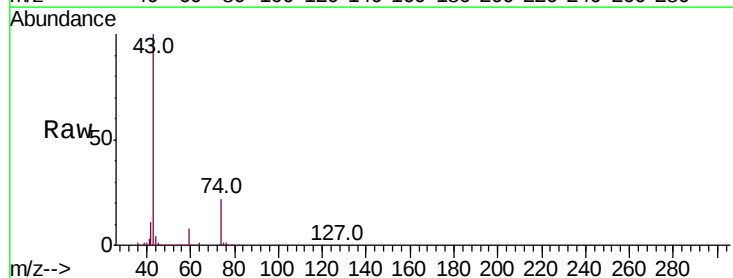
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

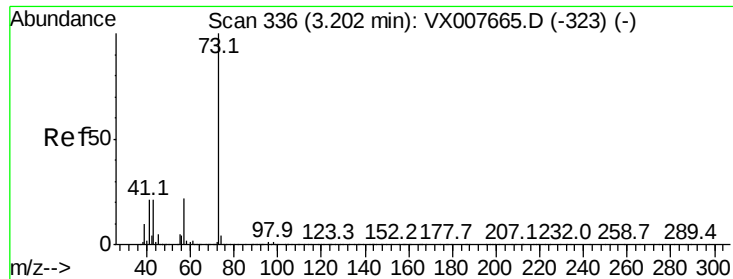
Tot Ion: 76 Resp: 327352
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 48.701 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 43 Resp: 171524
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



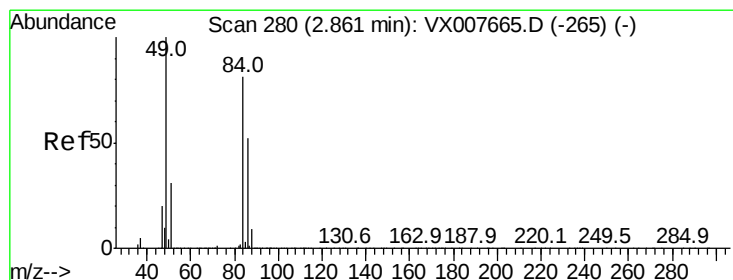
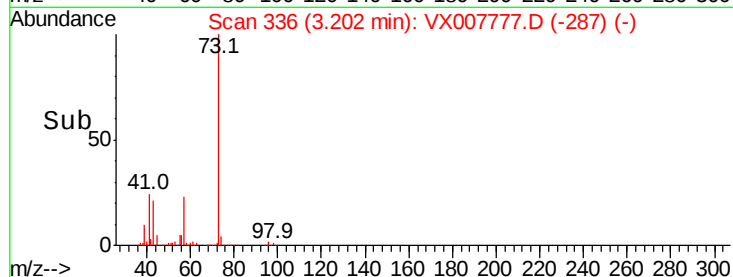
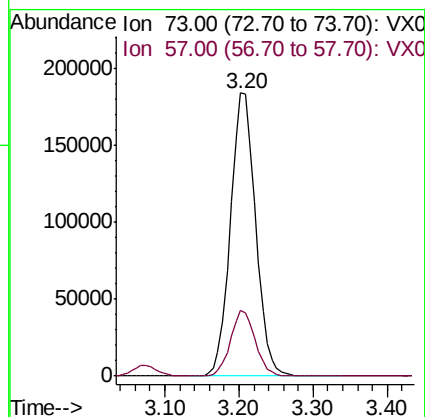
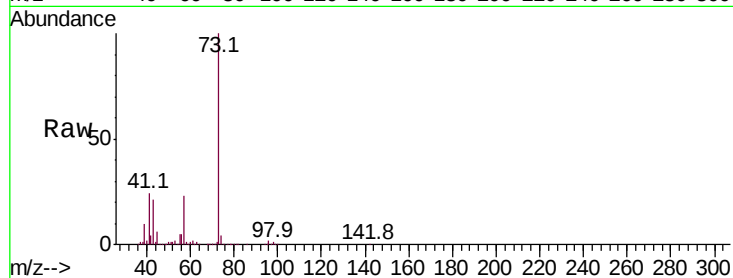


#19

Methyl tert-butyl Ether
 Concen: 48.941 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

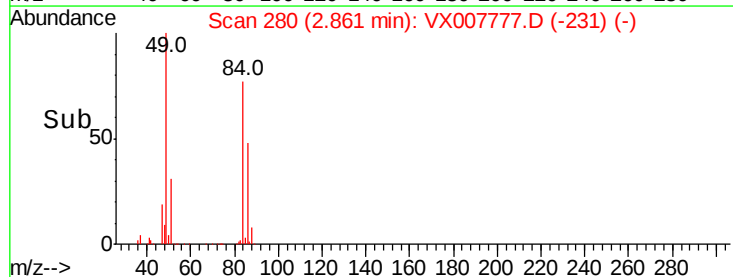
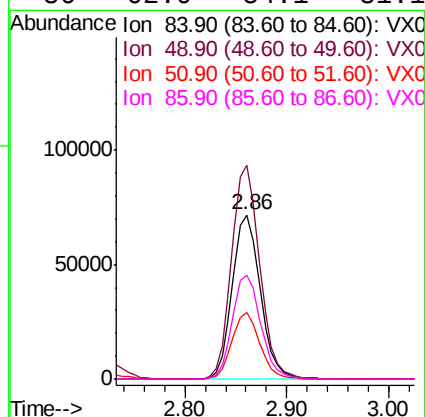
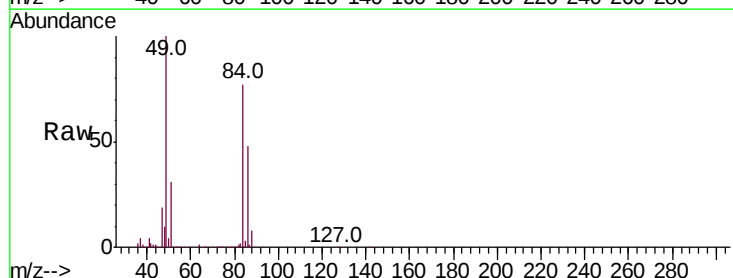
Tot Ion: 73 Resp: 436810
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.8 26.8

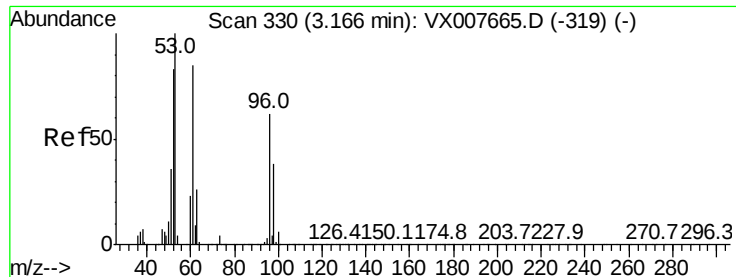


#20

Methylene Chloride
 Concen: 45.844 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion: 84 Resp: 136628
 Ion Ratio Lower Upper
 84 100
 49 129.9 94.8 142.2
 51 40.0 29.8 44.8
 86 62.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 45.688 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

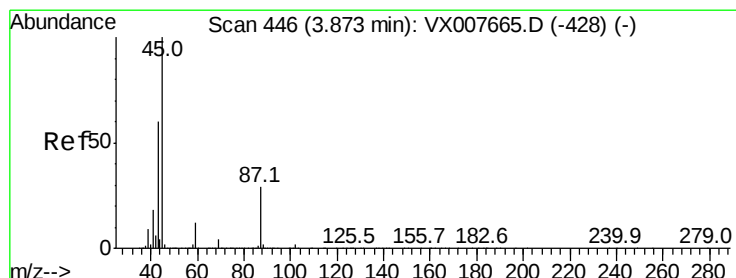
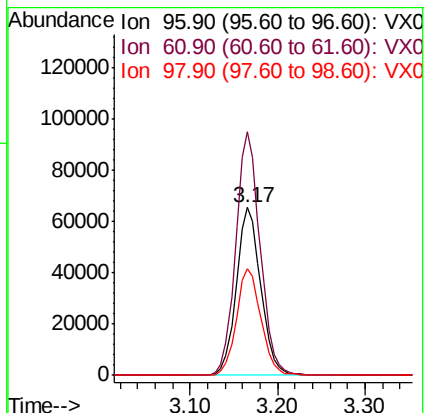
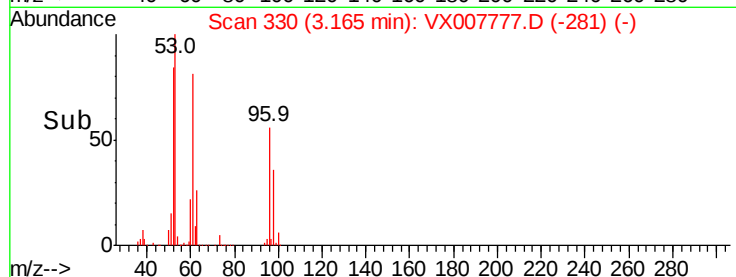
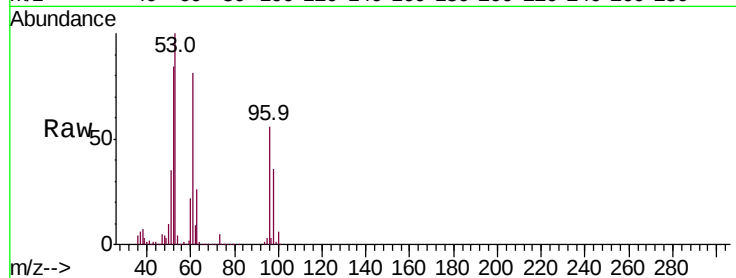
Tot Ion: 96 Resp: 127301

Ion Ratio Lower Upper

96 100

61 145.1 104.6 156.8

98 63.8 51.0 76.4



#22

Diisopropyl ether

Concen: 51.432 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion: 45 Resp: 507392

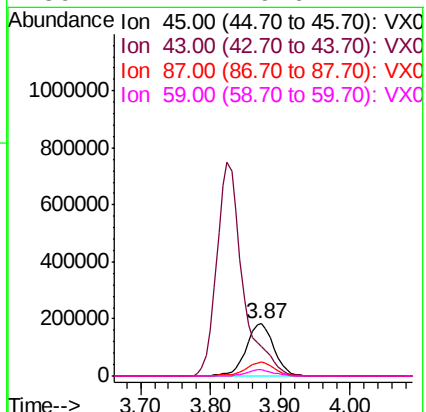
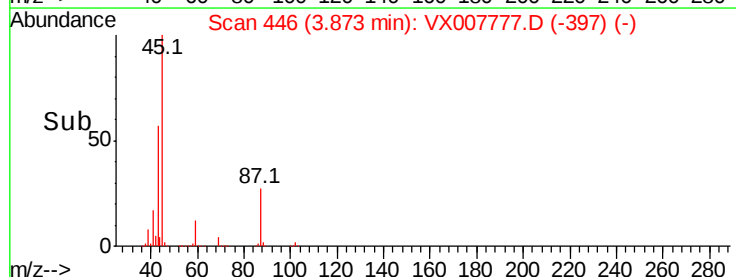
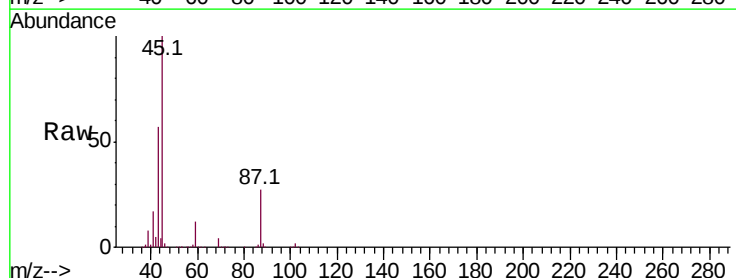
Ion Ratio Lower Upper

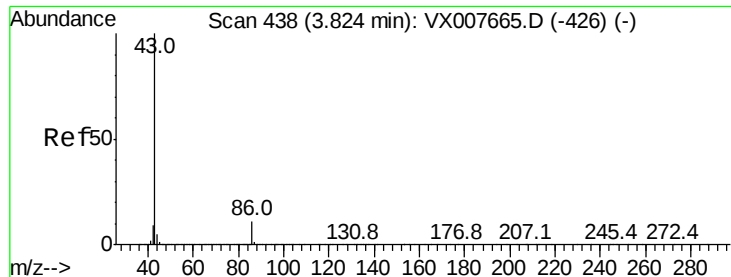
45 100

43 56.9 48.9 73.3

87 26.6 23.9 35.9

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 223.984 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

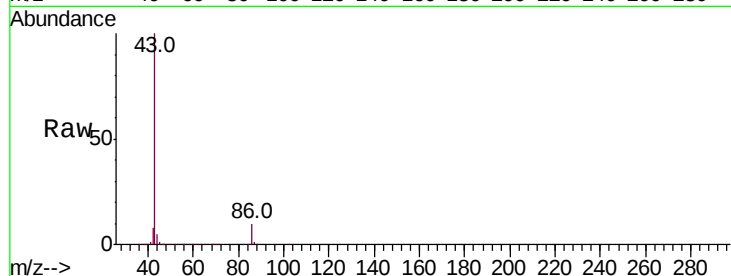
A0C1-TWPMDS

Tot Ion: 43 Resp: 1938672

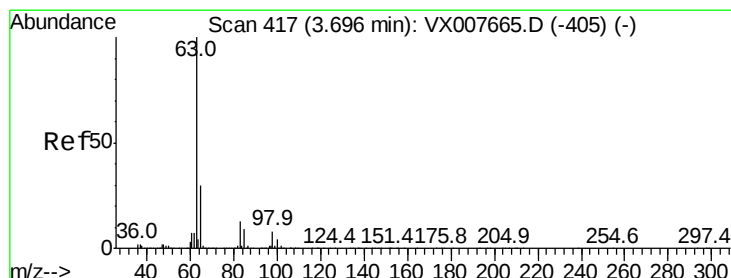
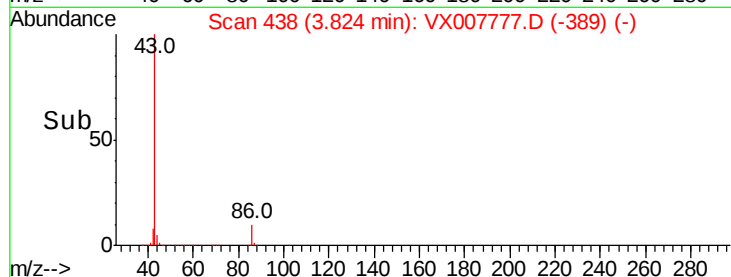
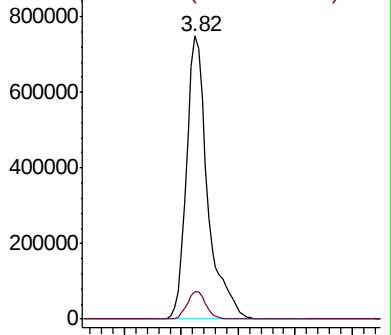
Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX007665.D (-426) (-)



#24

1,1-Dichloroethane

Concen: 49.121 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

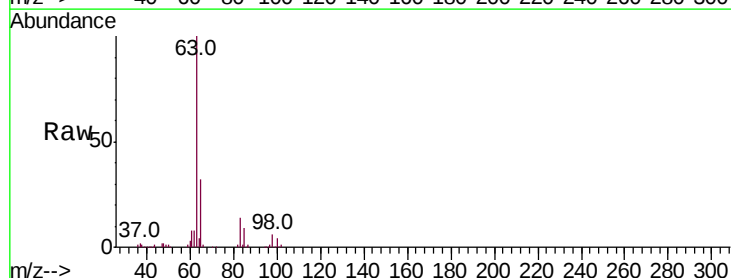
Tgt Ion: 63 Resp: 263365

Ion Ratio Lower Upper

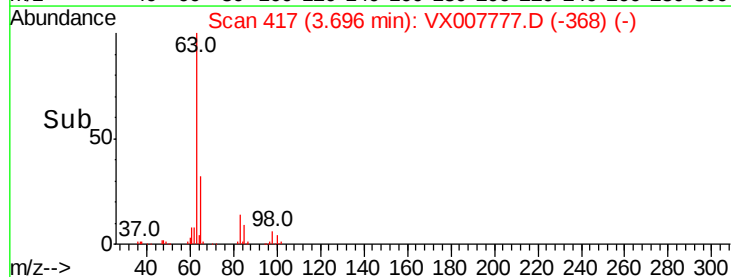
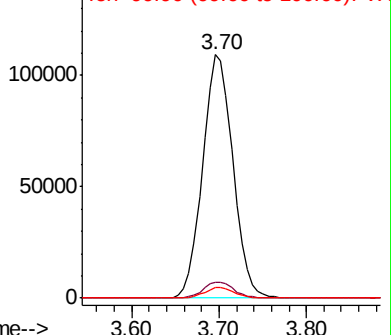
63 100

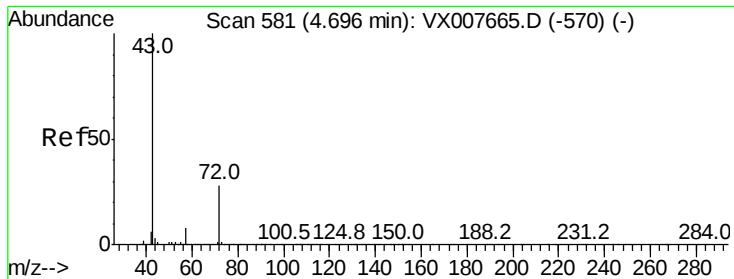
98 6.5 3.6 10.8

100 4.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX007665.D (-405) (-)





#25

2-Butanone

Concen: 252.824 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

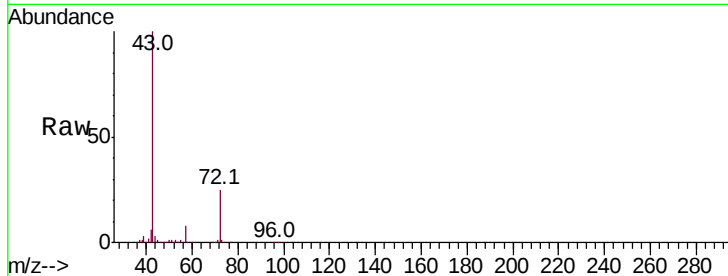
A0C1-TWPMDS

Tot Ion: 43 Resp: 621583

Ion Ratio Lower Upper

43 100

72 24.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

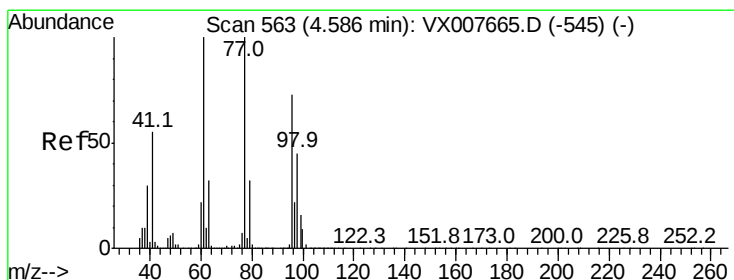
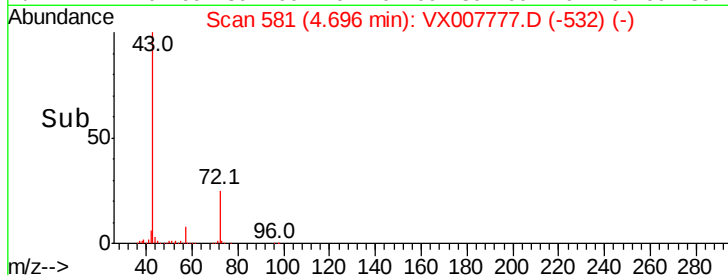
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.715 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007777.D

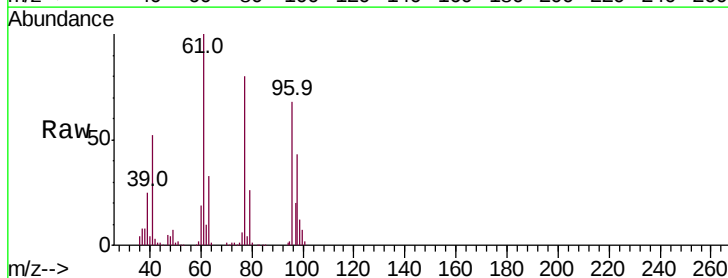
Acq: 28 Feb 2019 19:58

Tgt Ion: 77 Resp: 165695

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

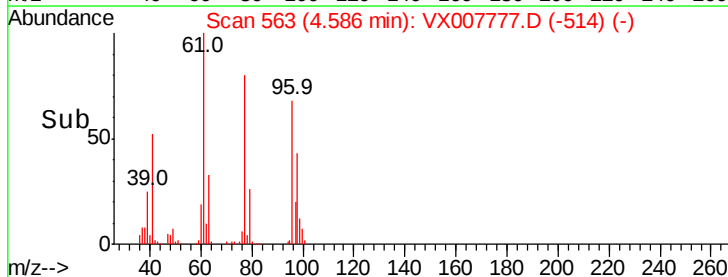
20000

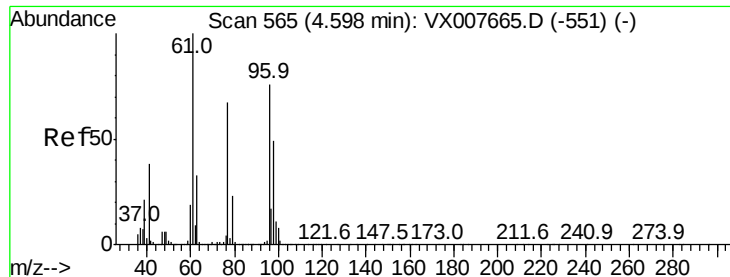
10000

0

4.40 4.50 4.60 4.70

Time-->



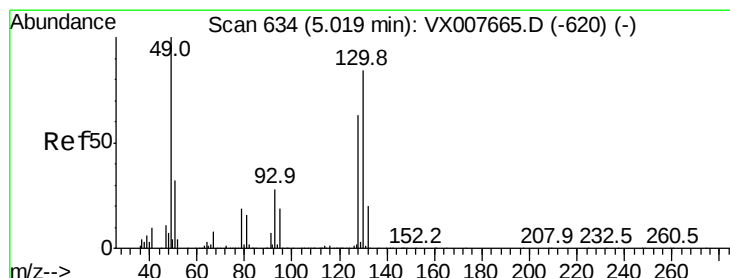
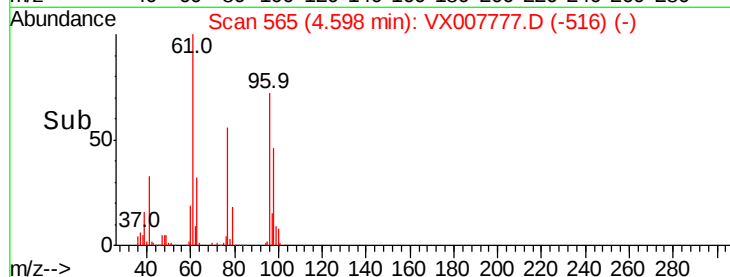
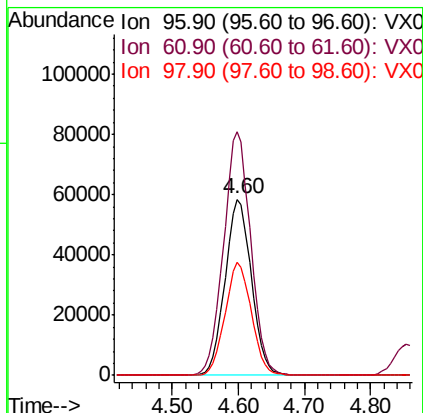
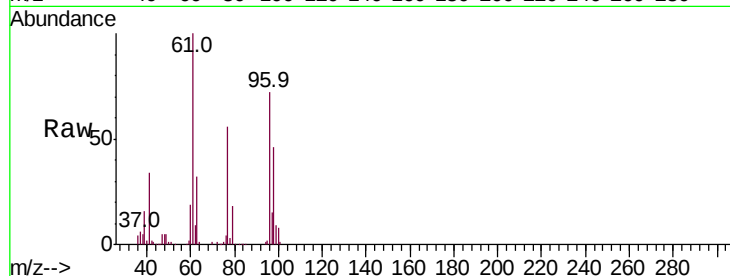


#27

cis-1,2-Dichloroethene
 Concen: 45.409 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

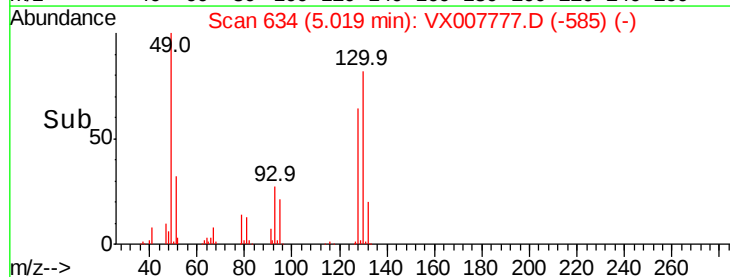
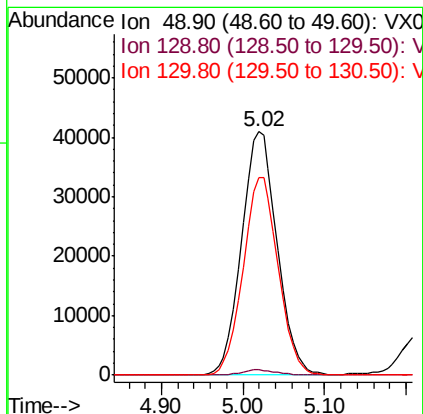
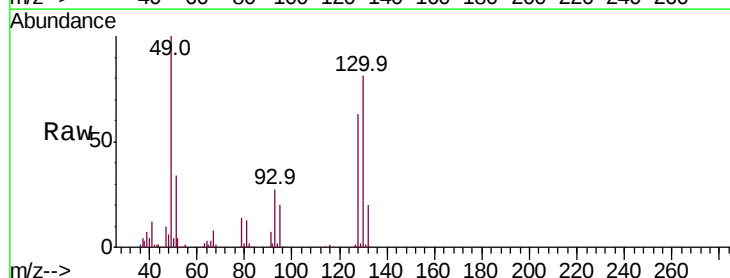
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	265.6
98	64.2	0.0	131.6

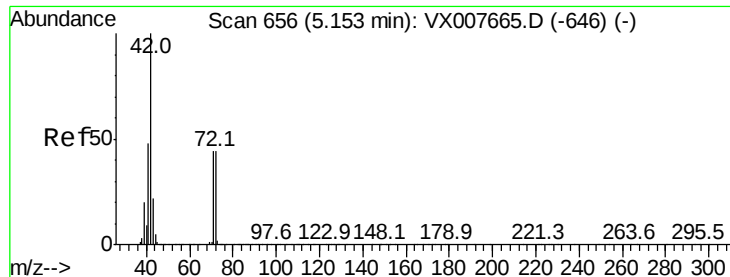


#28

Bromochloromethane
 Concen: 47.569 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	80.0	75.6	113.4





#29

Tetrahydrofuran

Concen: 255.827 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

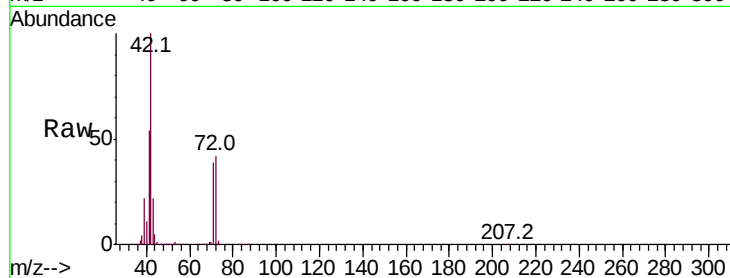
Tot Ion: 42 Resp: 414598

Ion Ratio Lower Upper

42 100

72 42.2 37.6 56.4

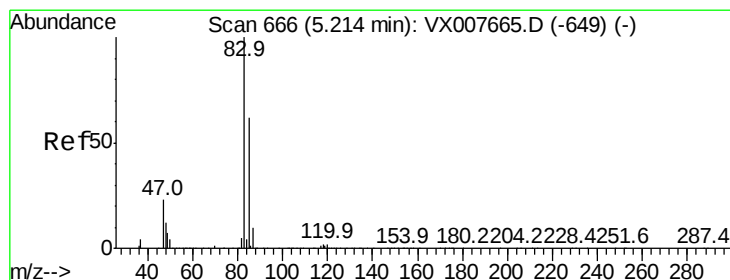
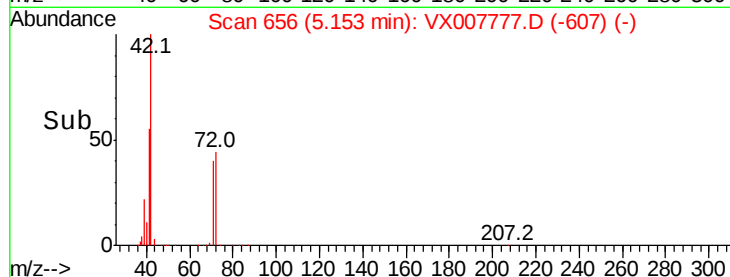
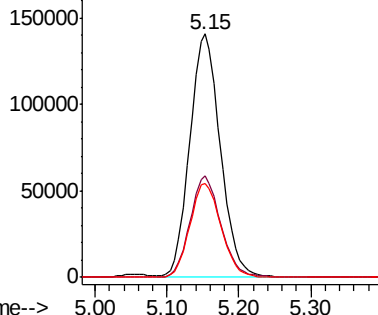
71 39.2 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.882 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007777.D

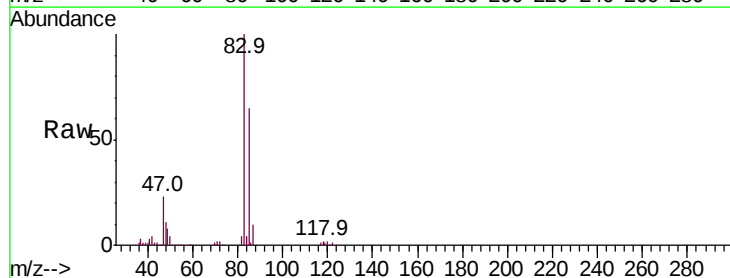
Acq: 28 Feb 2019 19:58

Tgt Ion: 83 Resp: 263510

Ion Ratio Lower Upper

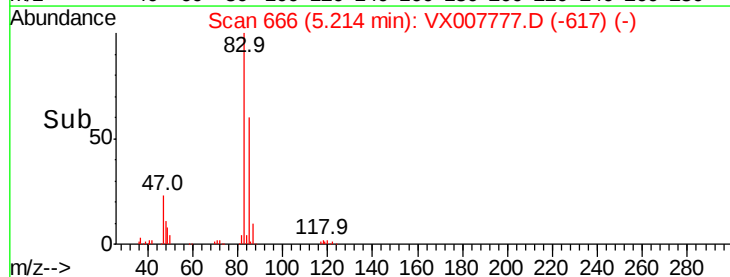
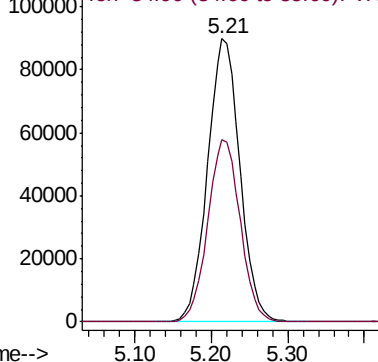
83 100

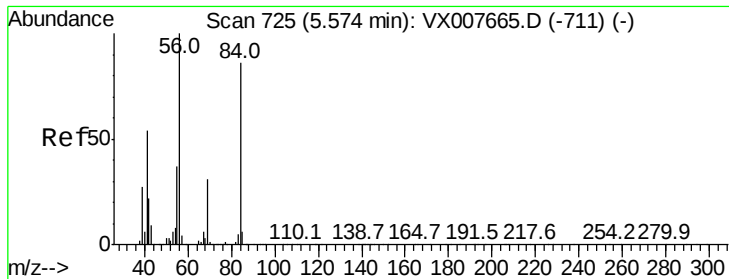
85 64.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

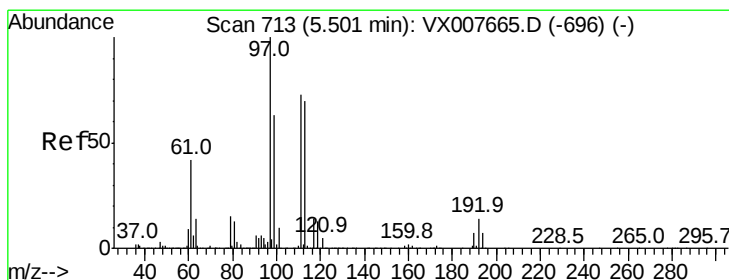
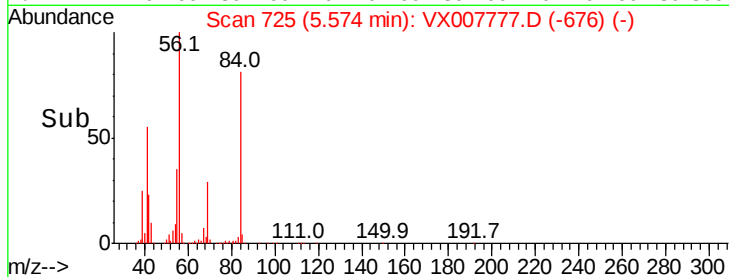
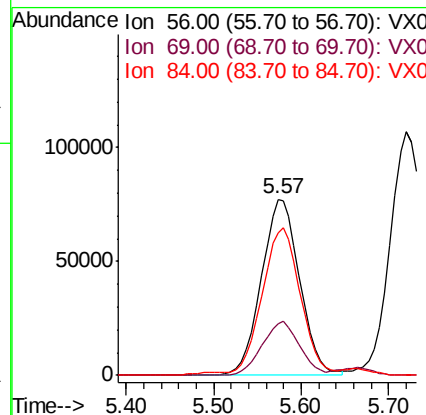
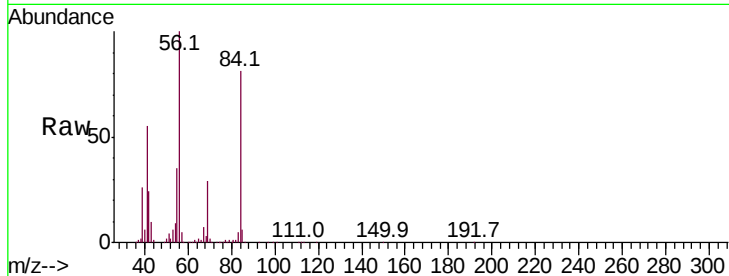




#31
Cyclohexane
Concen: 46.757 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

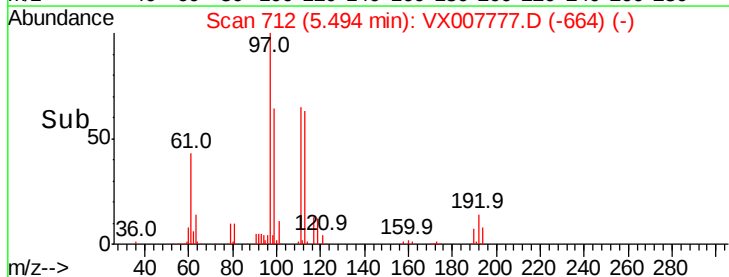
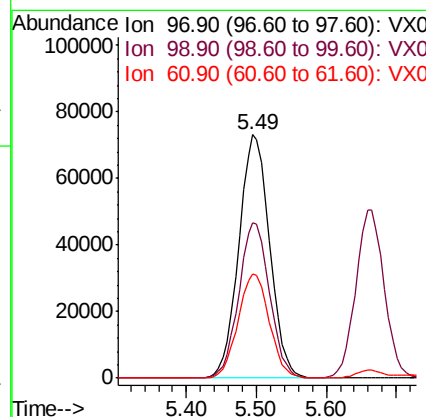
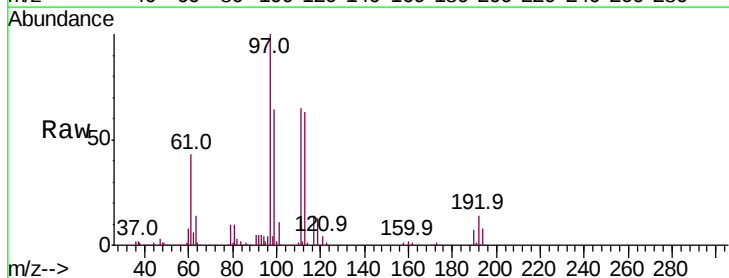
Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMDS

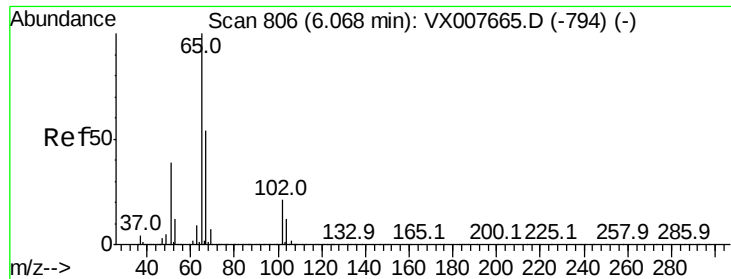
Tot Ion: 56 Resp: 235813
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.6
84 80.4 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 46.994 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 97 Resp: 223210
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 43.6 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.242 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

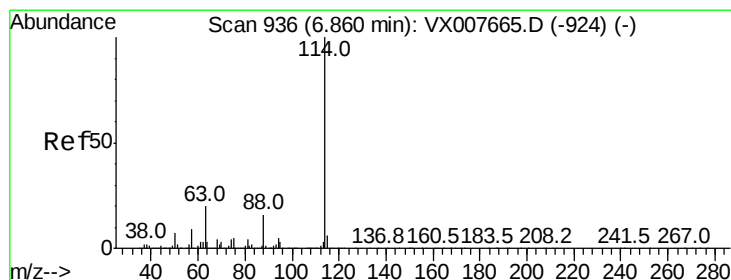
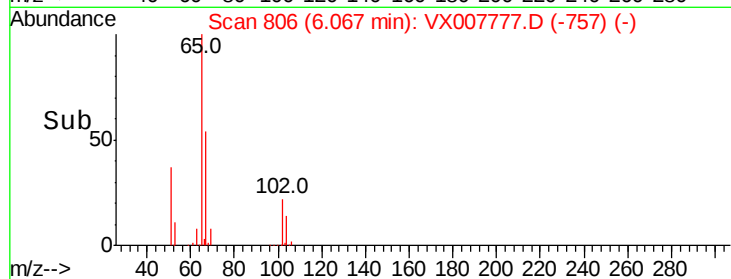
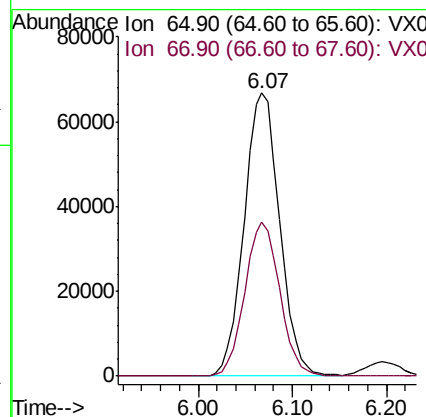
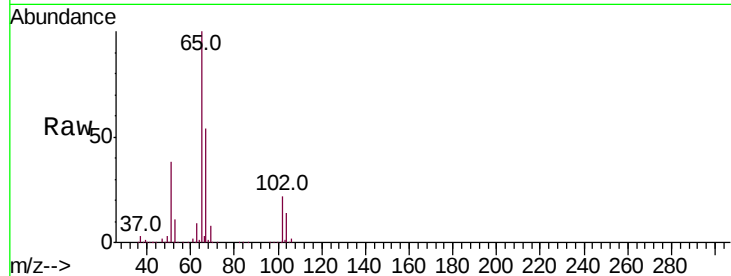
A0C1-TWPMDS

Tot Ion: 65 Resp: 175093

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

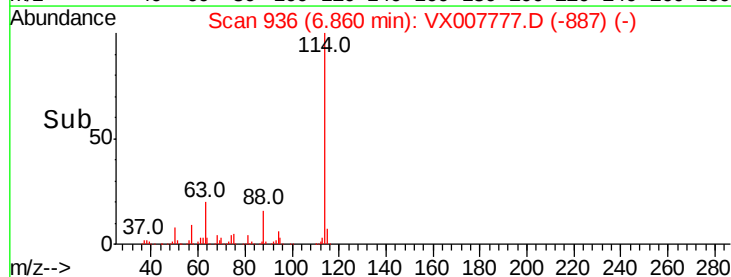
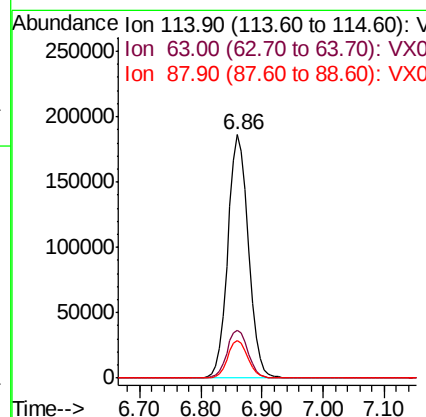
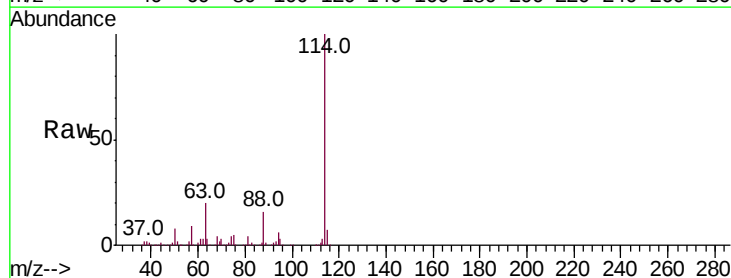
Tgt Ion: 114 Resp: 436127

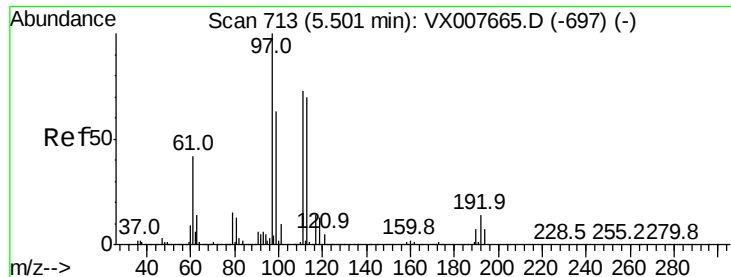
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.6

88 15.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.346 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

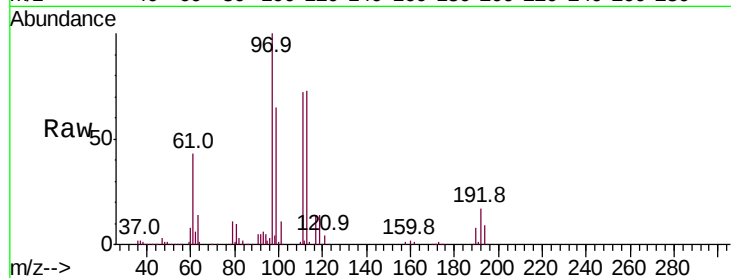
Tot Ion:113 Resp: 146778

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

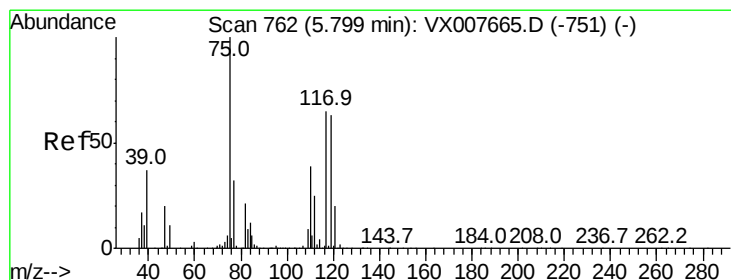
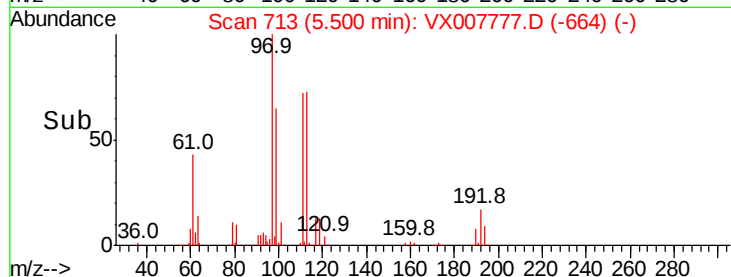
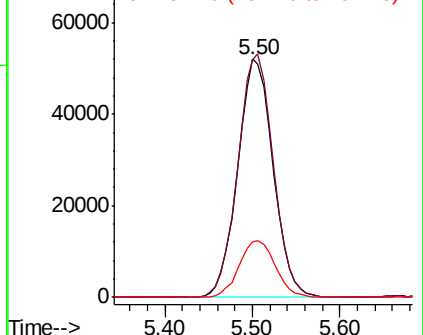
192 24.2 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.805 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

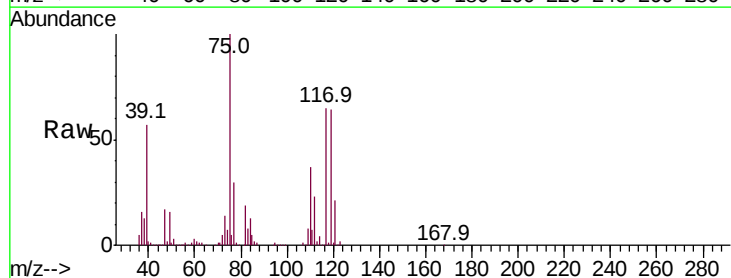
Tgt Ion: 75 Resp: 195283

Ion Ratio Lower Upper

75 100

110 36.6 20.0 59.9

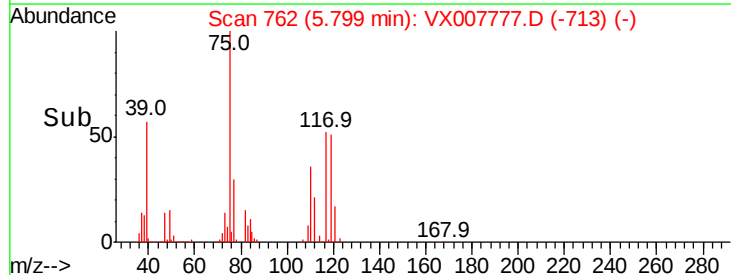
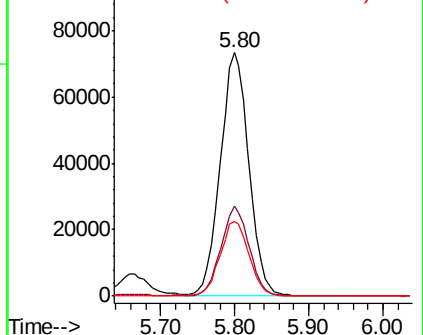
77 31.3 24.7 37.1

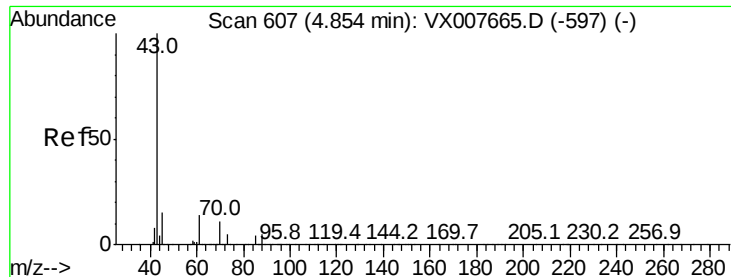


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

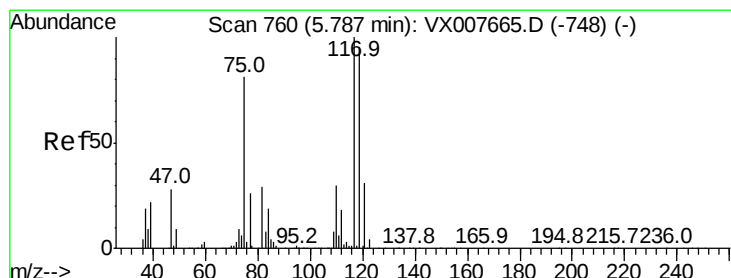
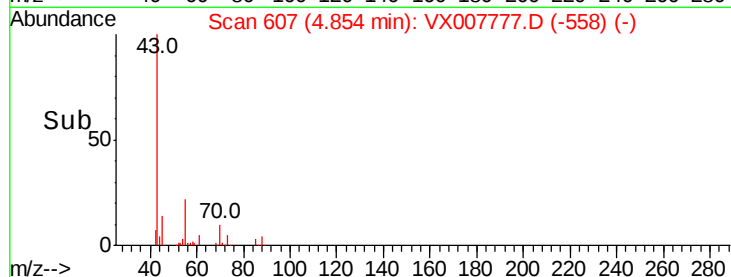
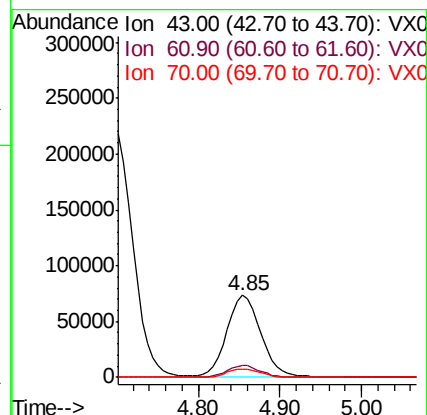
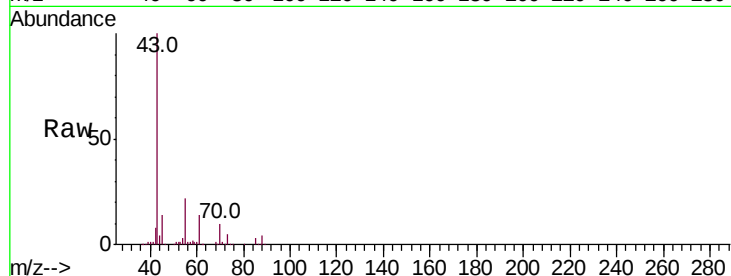




#37
Ethyl Acetate
Concen: 48.730 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

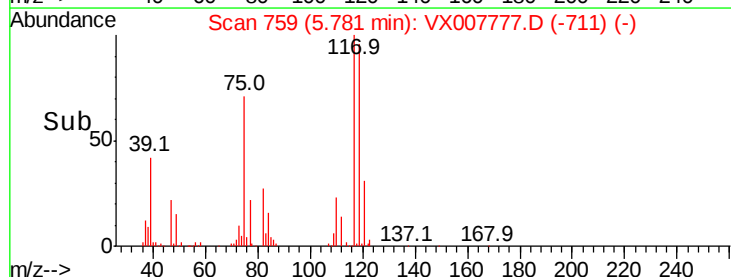
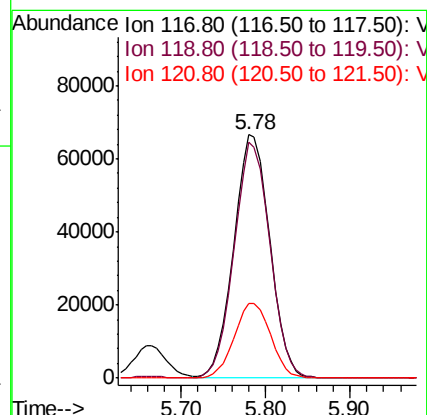
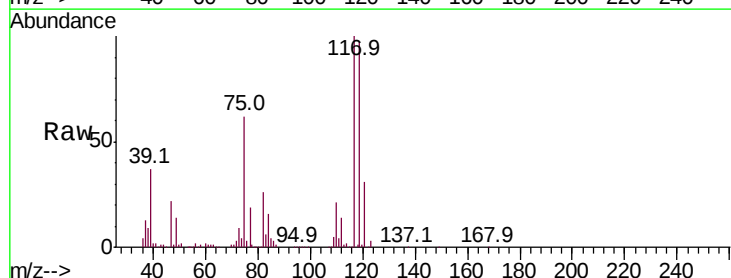
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

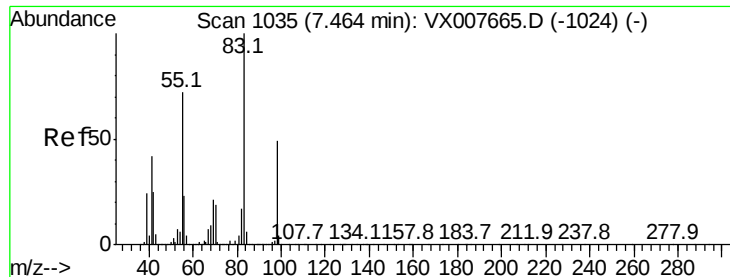
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.4	8.6	13.0



#38
Carbon Tetrachloride
Concen: 49.105 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.3	112.9
121	30.9	25.0	37.4

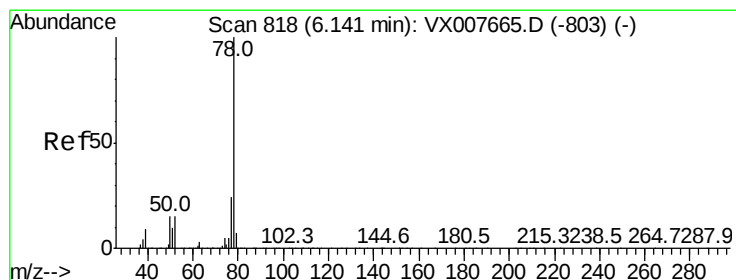
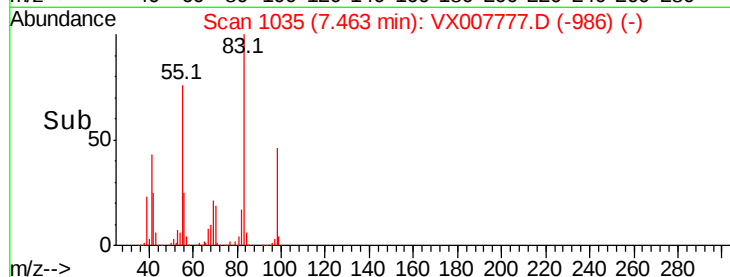
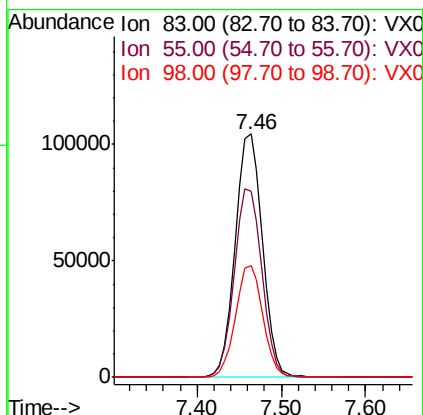
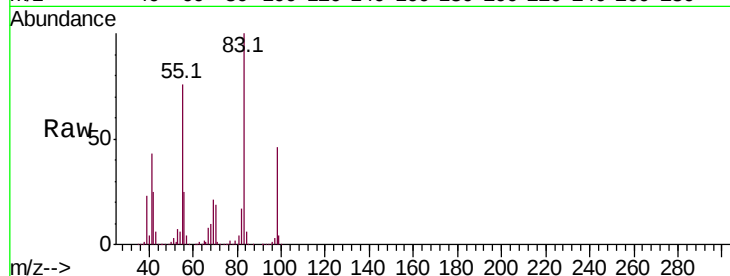




#39
Methvlcvclohexane
Concen: 45.845 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

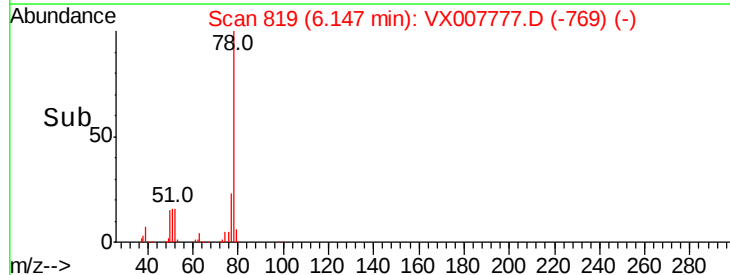
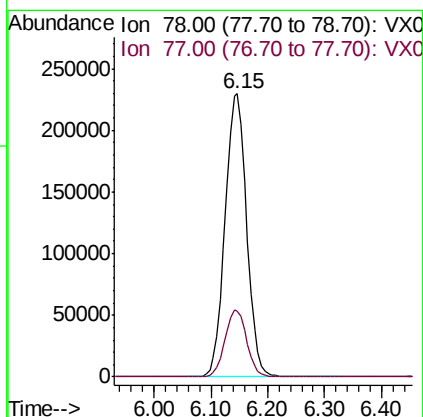
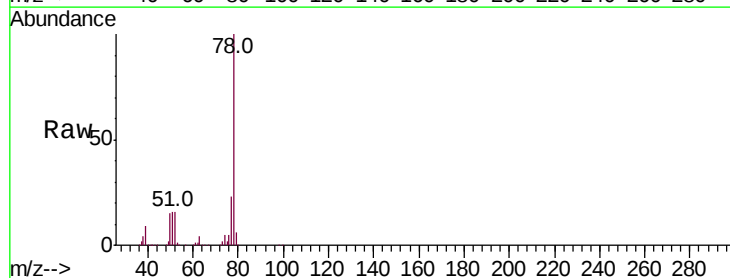
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMSD

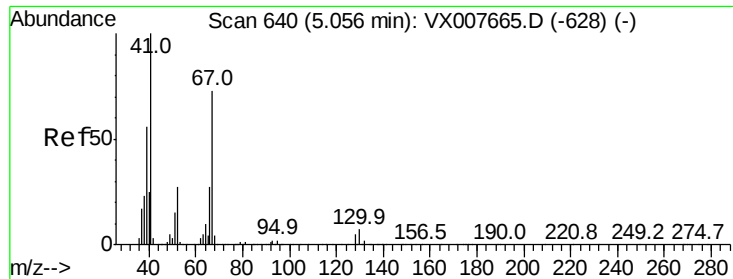
Tot Ion: 83 Resp: 227183
Ion Ratio Lower Upper
83 100
55 76.5 56.2 84.2
98 46.2 36.8 55.2



#40
Benzene
Concen: 49.975 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 78 Resp: 604877
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

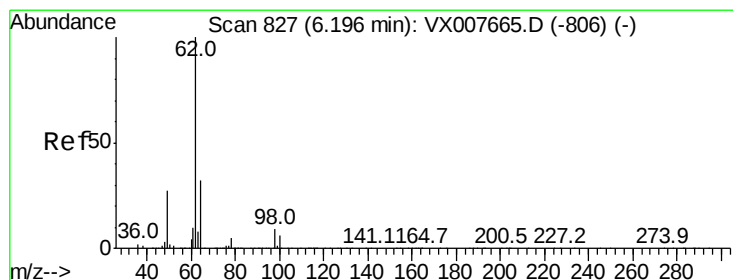
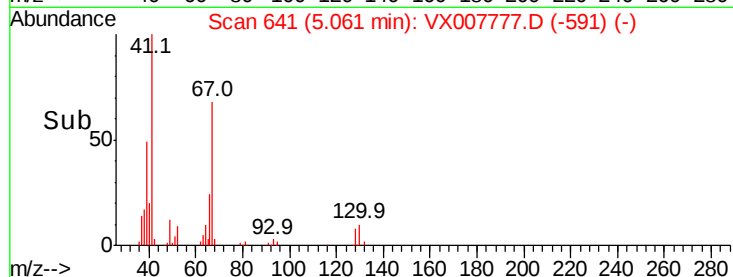
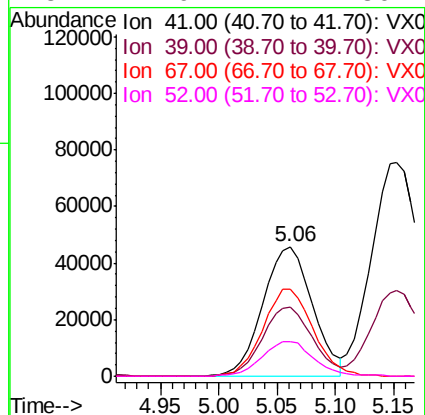
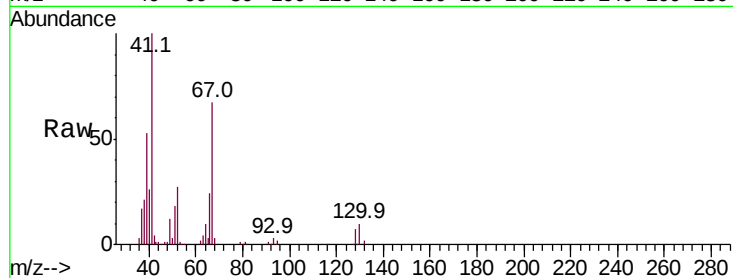




#41
Methacrylonitrile
Concen: 57.926 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

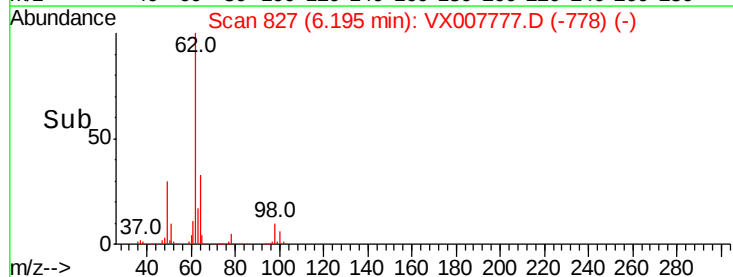
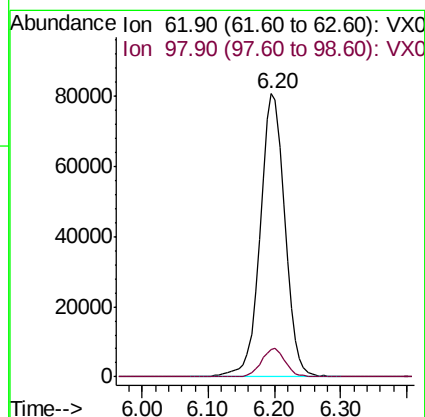
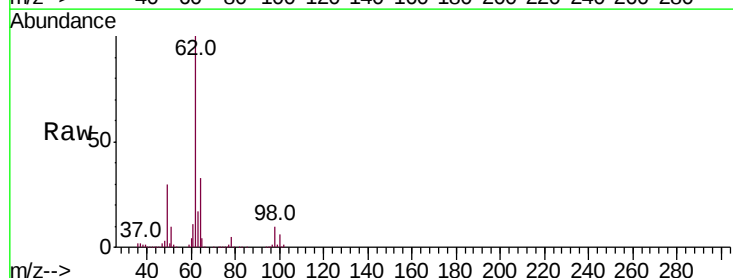
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMSD

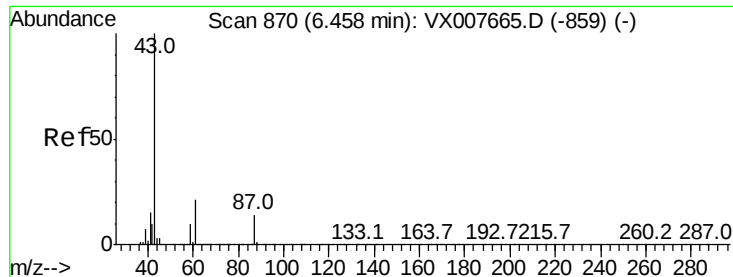
Tot Ion:	41	Resp:	134723
Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	68.6	60.4	90.6
52	27.9	24.1	36.1



#42
1,2-Dichloroethane
Concen: 51.673 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion:	62	Resp:	210213
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 51.485 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

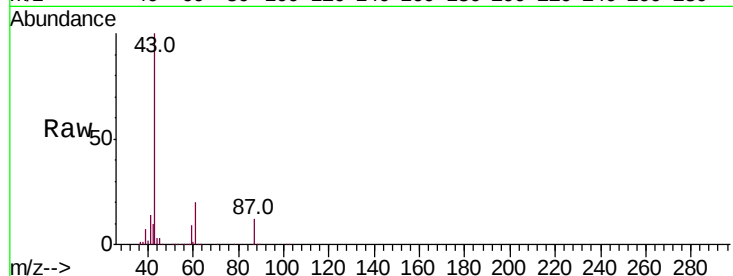
Tot Ion: 43 Resp: 345121

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

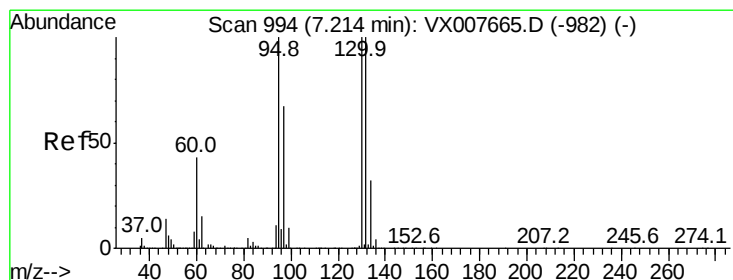
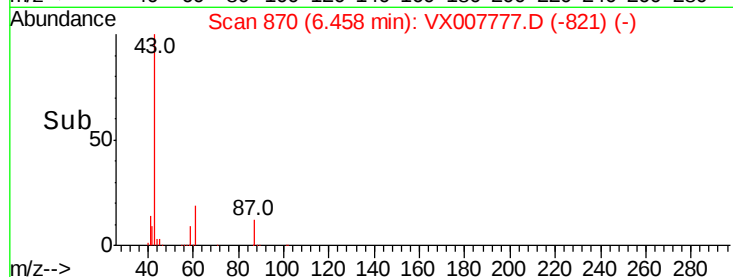
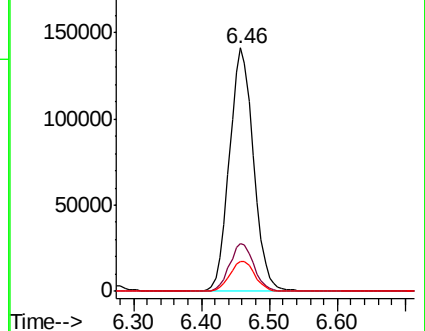
87 12.8 11.5 17.3



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: 49.282 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007777.D

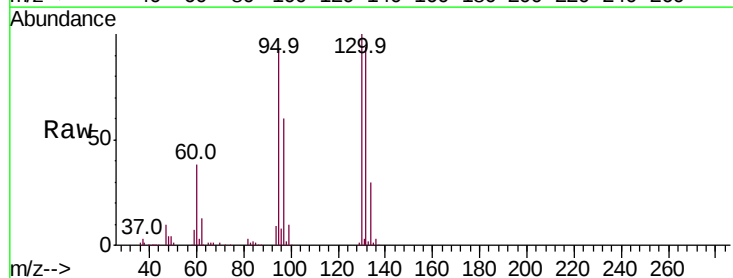
Acq: 28 Feb 2019 19:58

Tgt Ion:130 Resp: 164088

Ion Ratio Lower Upper

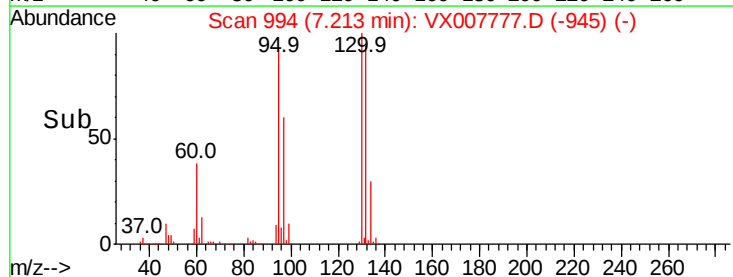
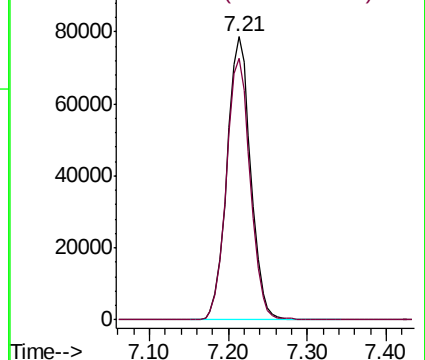
130 100

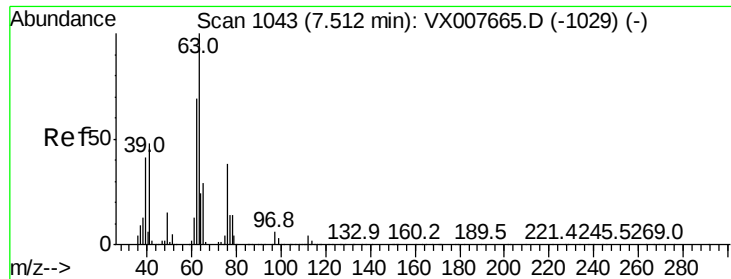
95 92.6 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

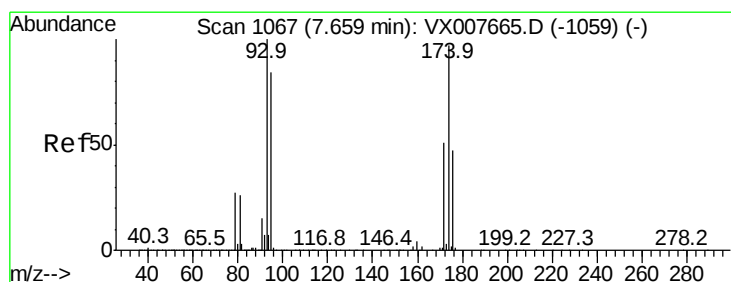
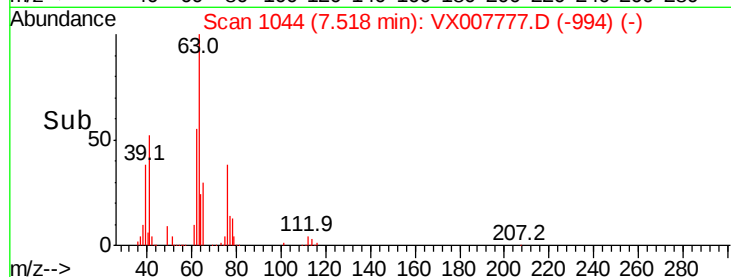
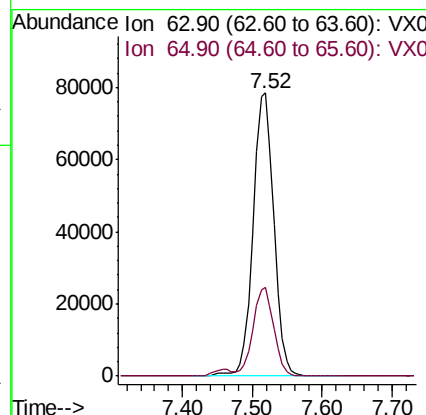
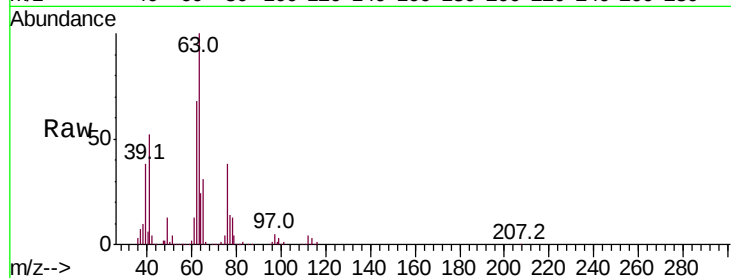




#45
 1,2-Dichloropropane
 Concen: 51.720 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

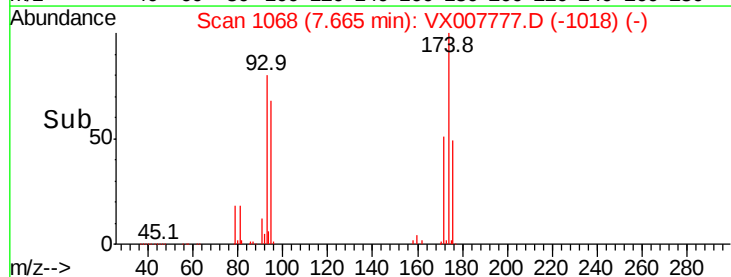
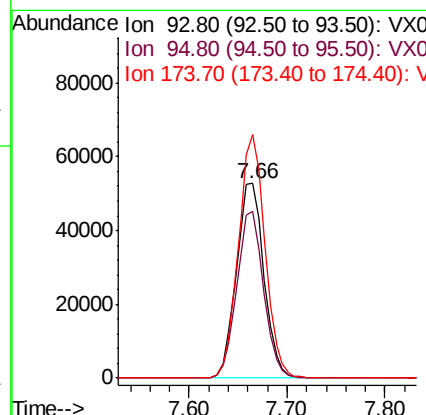
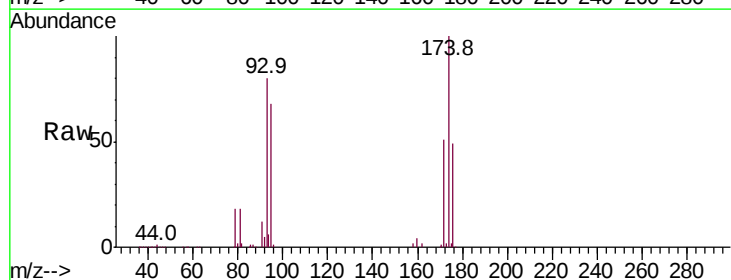
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

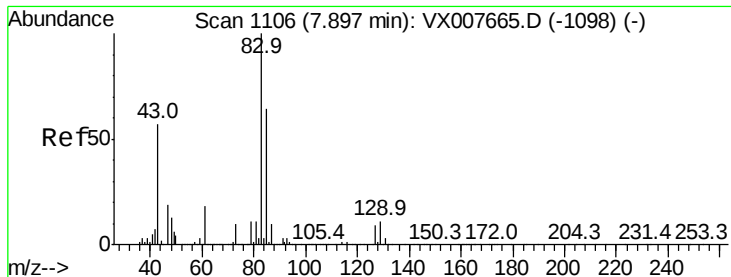
Tot Ion: 63 Resp: 162161
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.2



#46
 Dibromomethane
 Concen: 47.191 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion: 93 Resp: 103222
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.6 101.4
 174 120.8 94.2 141.4





#47

Bromodichloromethane

Concen: 51.632 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

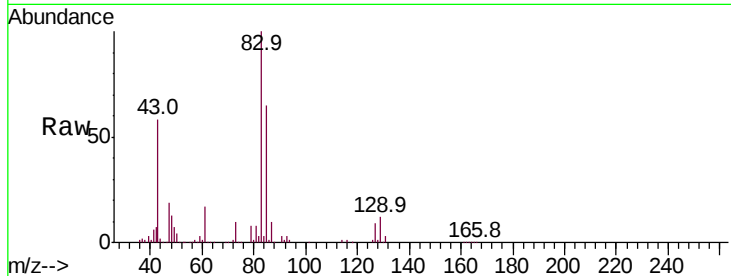
Tot Ion: 83 Resp: 195713

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0

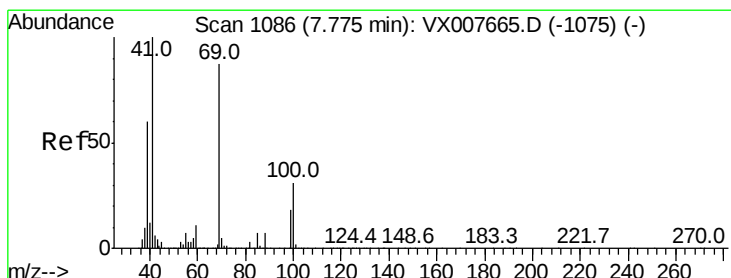
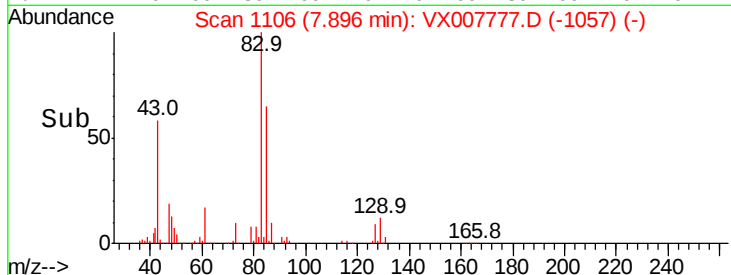
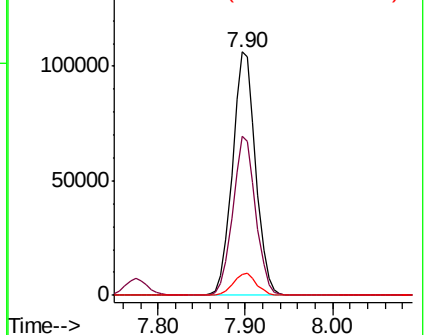
127 8.8 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.083 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

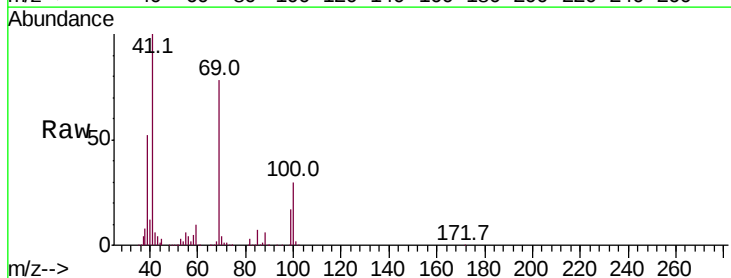
Tgt Ion: 41 Resp: 197066

Ion Ratio Lower Upper

41 100

69 80.4 70.2 105.4

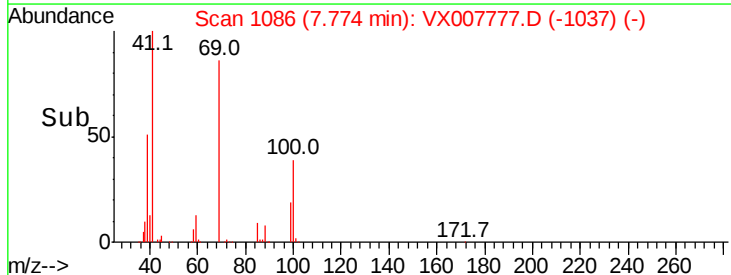
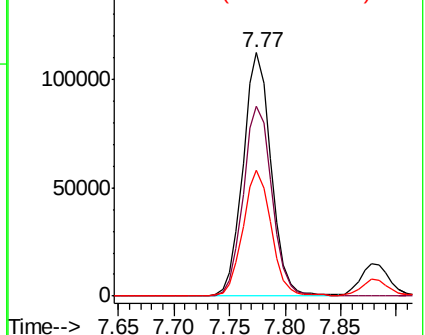
39 52.0 47.4 71.0

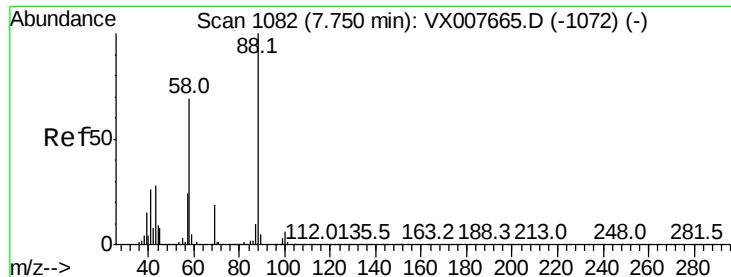


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 873.225 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

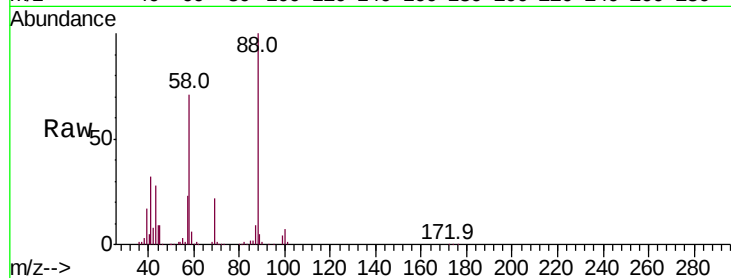
MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 88 Resp: 66271

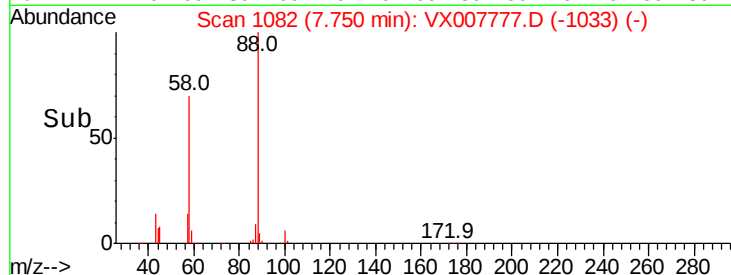
Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	71.9	53.0	79.4



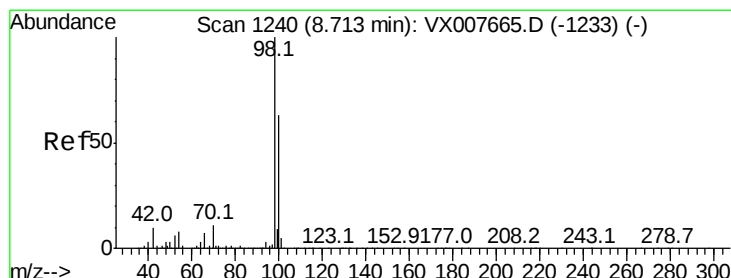
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 48.840 ug/l

RT: 8.71 min Scan# 1240

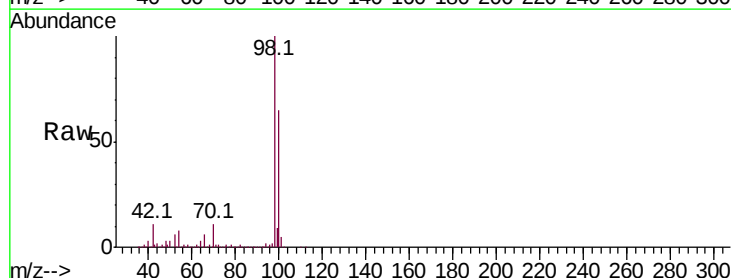
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

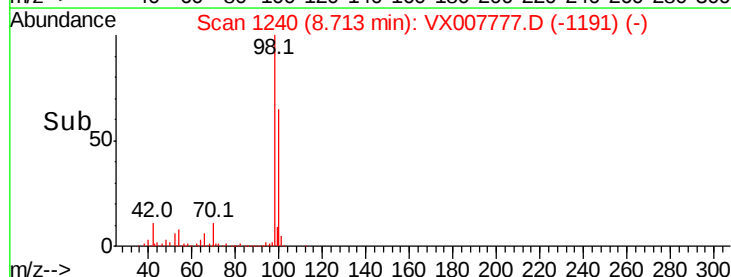
Tgt Ion: 98 Resp: 545108

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4

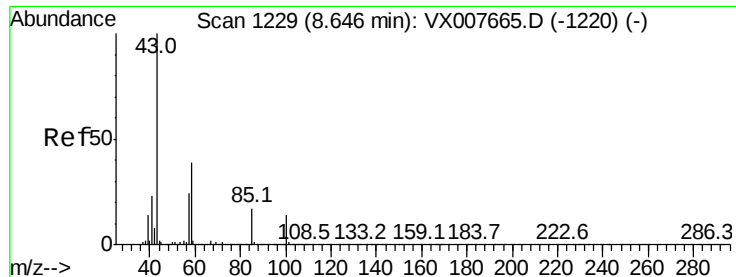


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



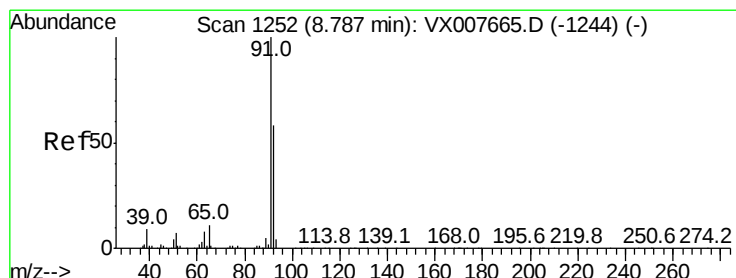
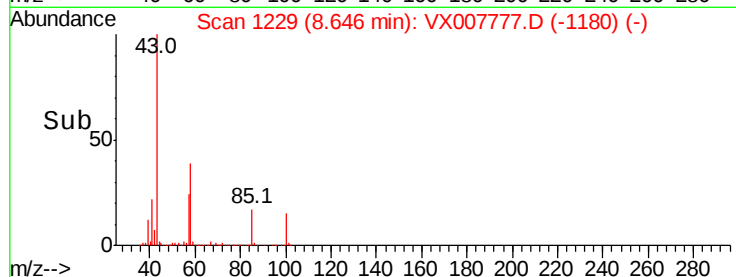
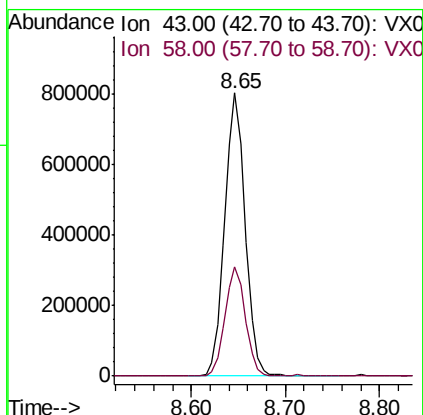
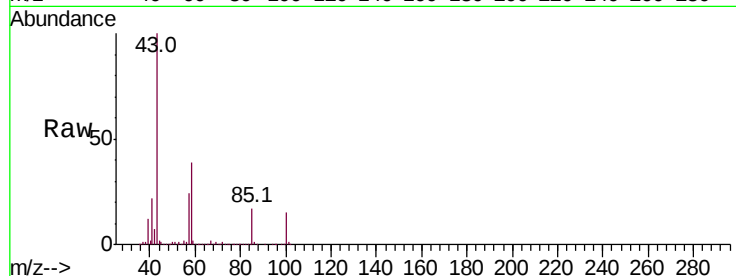
Time-->



#51
4-Methyl-2-Pentanone
Concen: 270.977 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

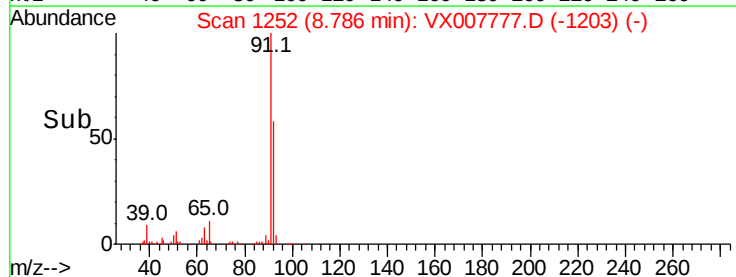
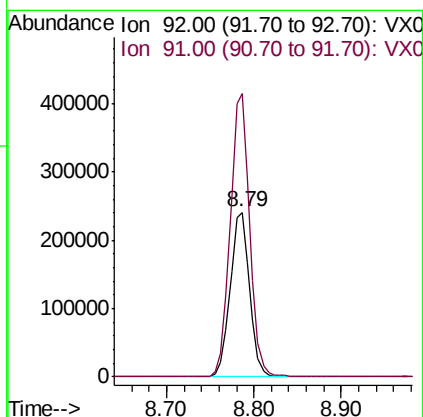
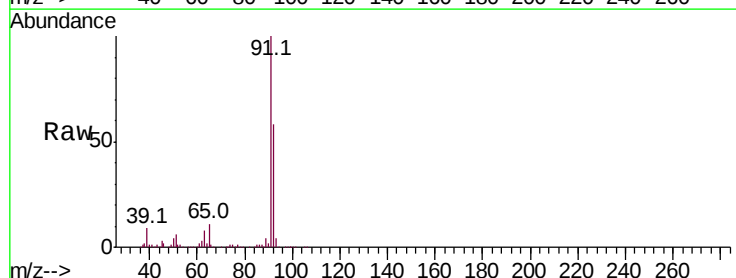
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMSD

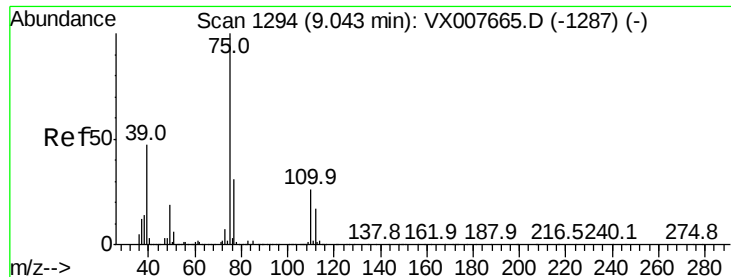
Tot Ion: 43 Resp: 1215899
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8



#52
Toluene
Concen: 48.893 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion: 92 Resp: 373173
Ion Ratio Lower Upper
92 100
91 172.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 45.675 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

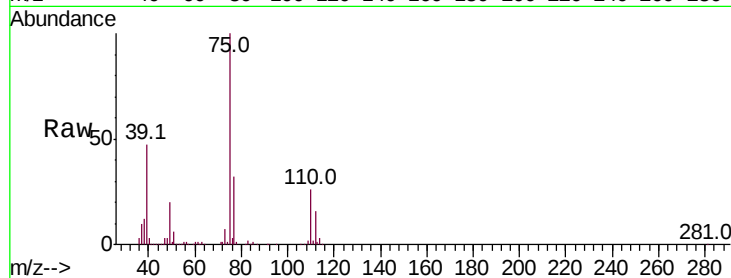
A0C1-TWPMDS

Tot Ion: 75 Resp: 214030

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

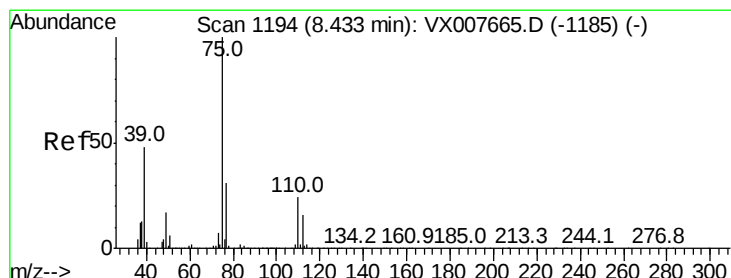
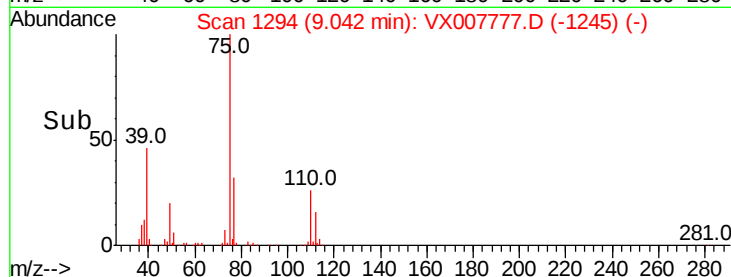
100000

50000

0

Time-->

9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 50.434 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

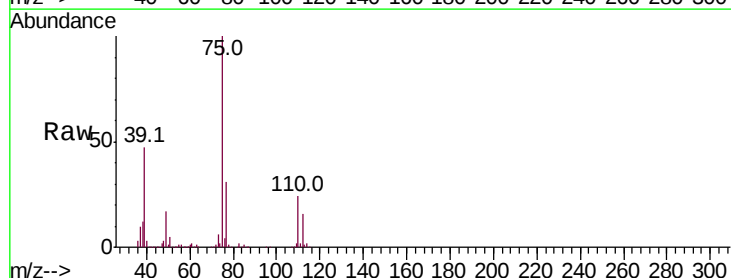
Tgt Ion: 75 Resp: 231995

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4

39 46.6 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

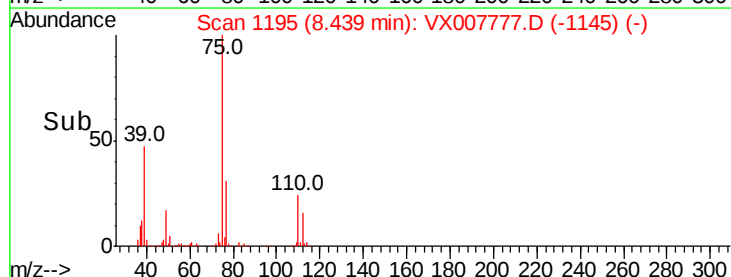
100000

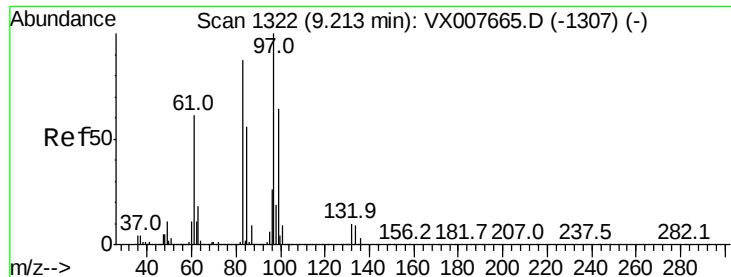
50000

0

Time-->

8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 49.291 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 97 Resp: 156881

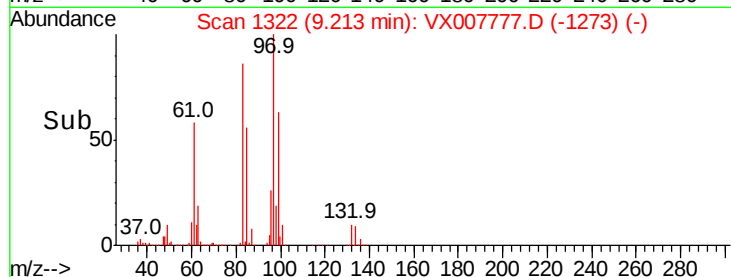
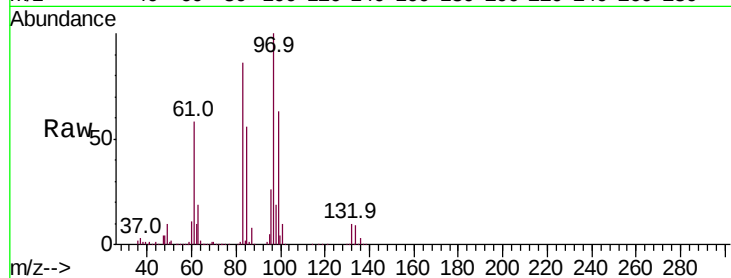
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.6	102.8
85	56.0	44.5	66.7
99	63.2	52.2	78.4

97 100

83 86.0 68.6 102.8

85 56.0 44.5 66.7

99 63.2 52.2 78.4

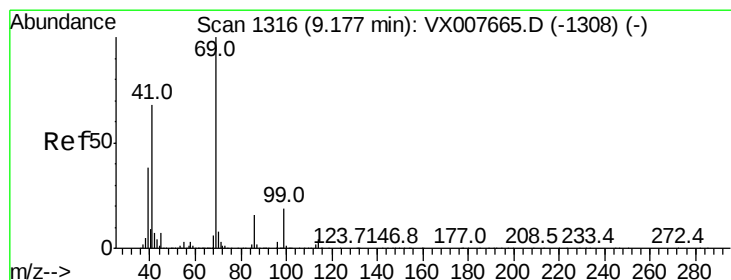
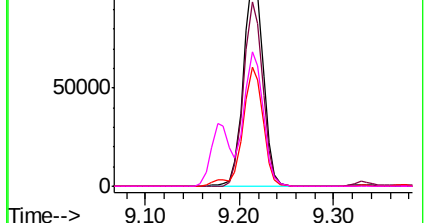


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.622 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

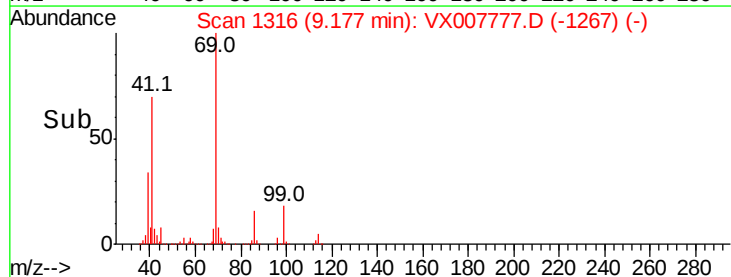
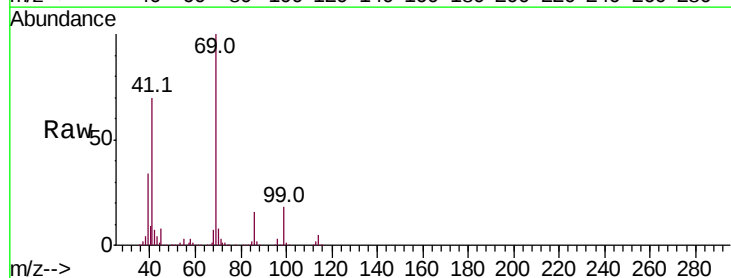
Tgt Ion: 69 Resp: 242698

Ion	Ratio	Lower	Upper
69	100		
41	68.7	52.1	78.1
39	34.0	30.1	45.1

69 100

41 68.7 52.1 78.1

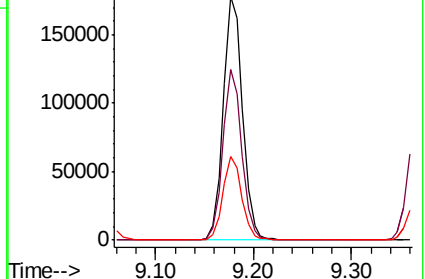
39 34.0 30.1 45.1

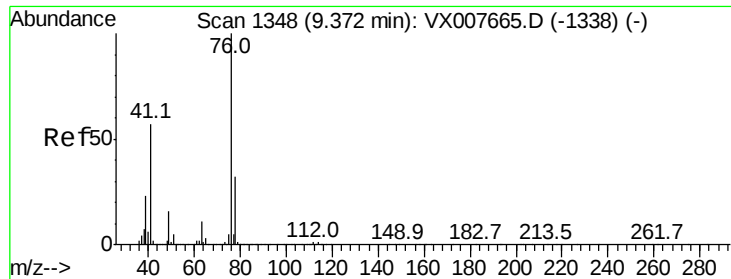


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.489 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

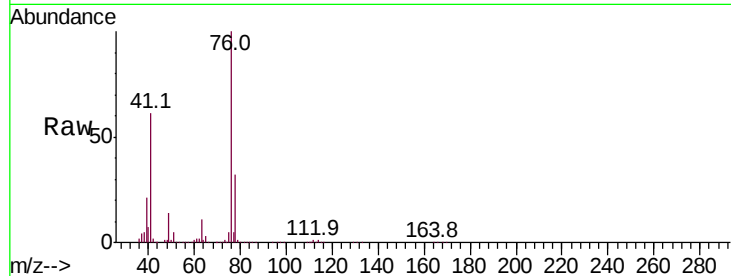
A0C1-TWPMDS

Tot Ion: 76 Resp: 262328

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

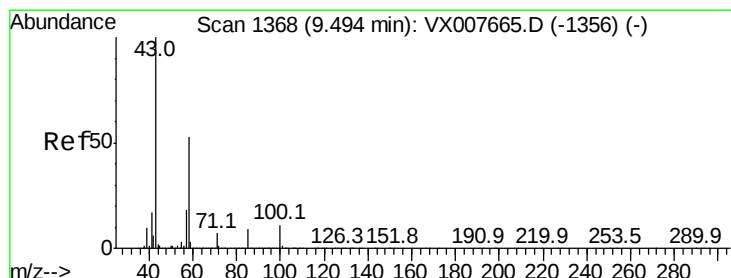
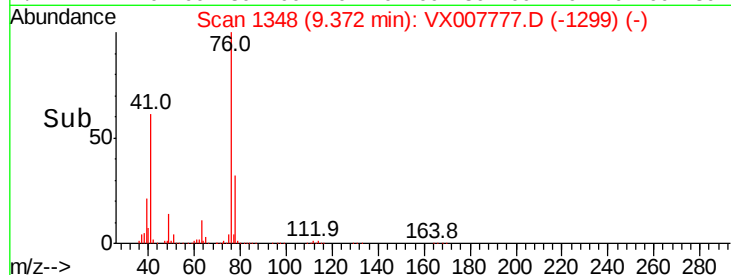
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 256.348 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007777.D

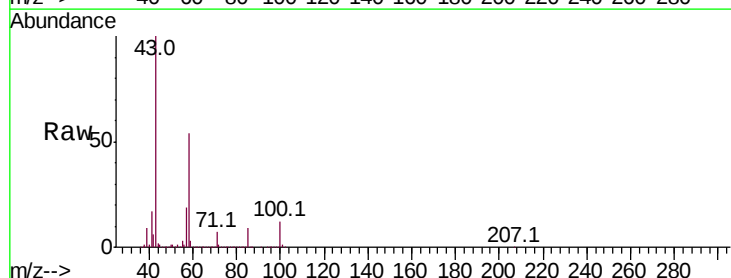
Acq: 28 Feb 2019 19:58

Tgt Ion: 43 Resp: 903058

Ion Ratio Lower Upper

43 100

58 53.9 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

800000

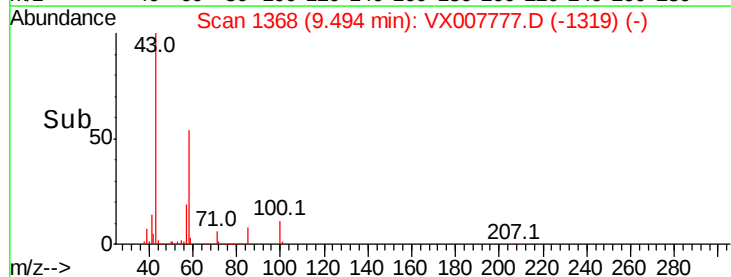
600000

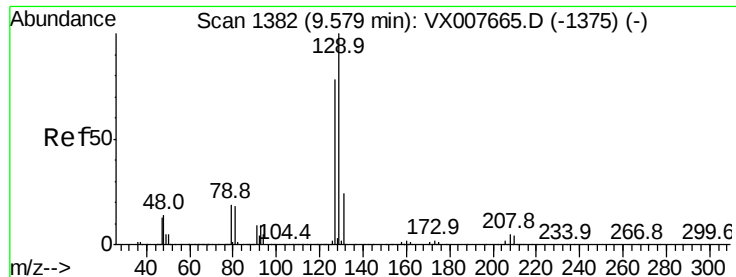
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 52.883 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

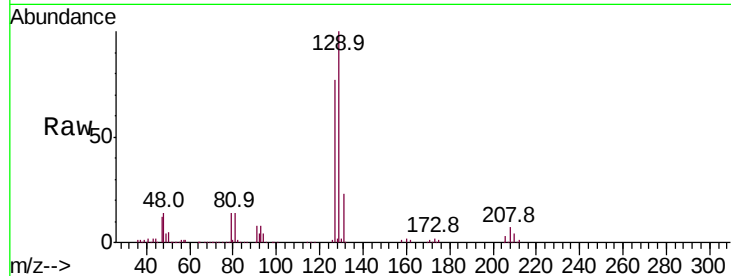
A0C1-TWPMDS

Tot Ion:129 Resp: 161958

Ion Ratio Lower Upper

129 100

127 77.3 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

120000

100000

80000

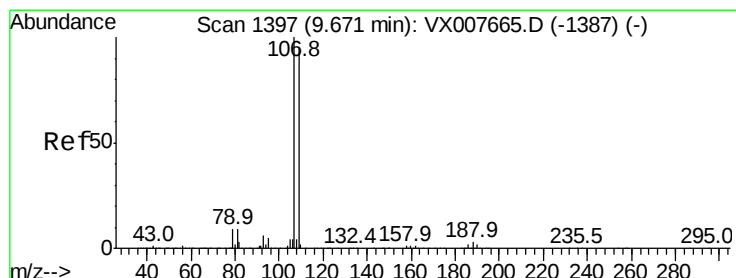
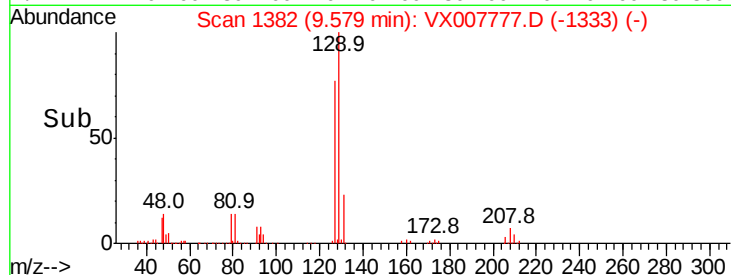
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.177 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007777.D

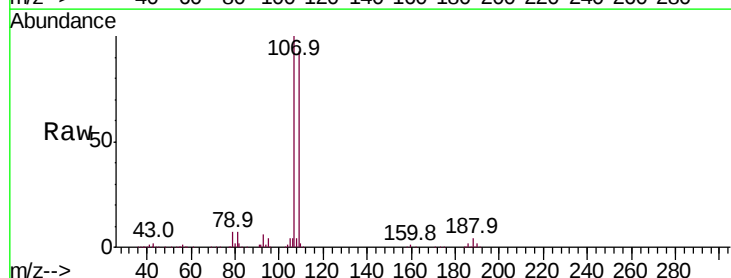
Acq: 28 Feb 2019 19:58

Tgt Ion:107 Resp: 165809

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

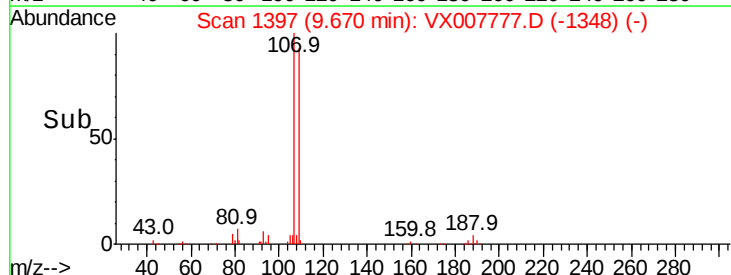
9.67

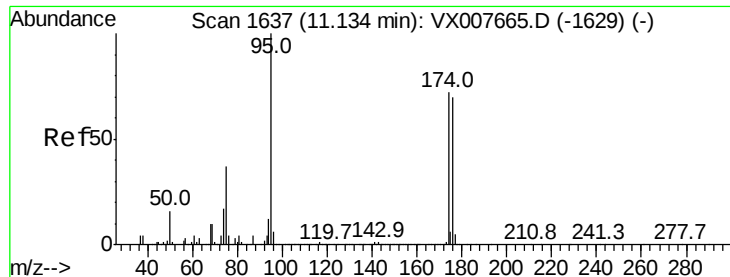
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.631 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

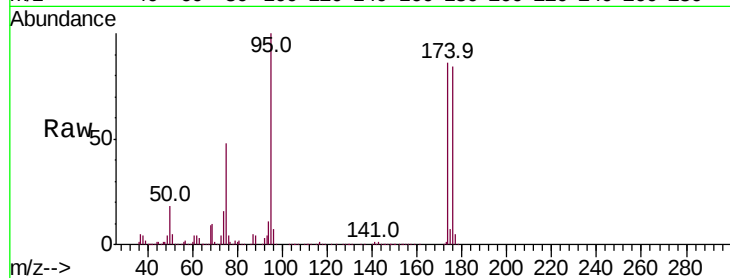
Tot Ion: 95 Resp: 195123

Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

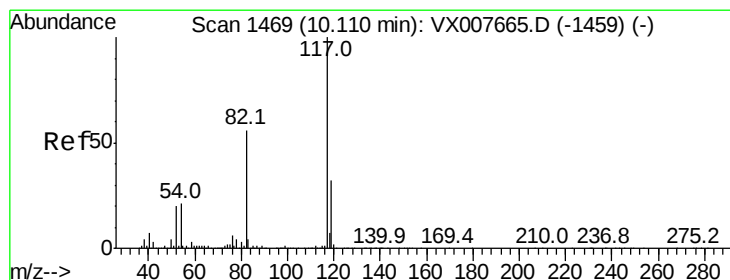
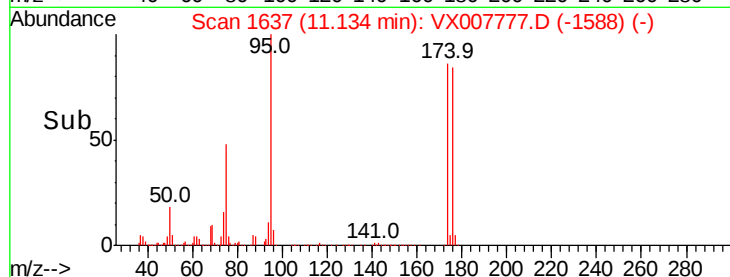
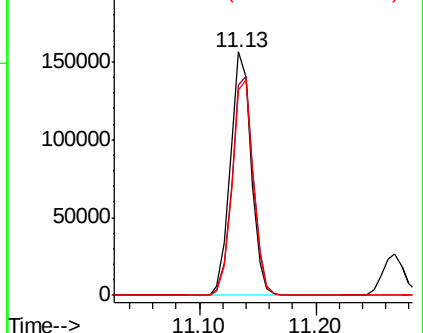
176 89.1 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

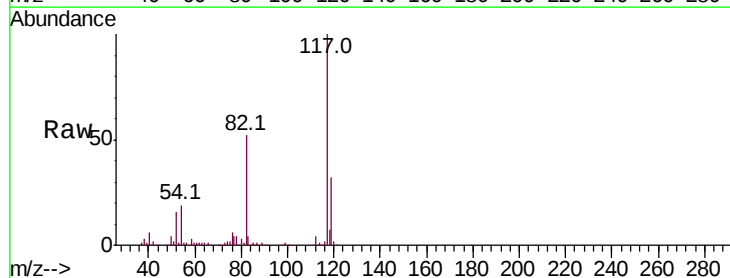
Tgt Ion: 117 Resp: 392340

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

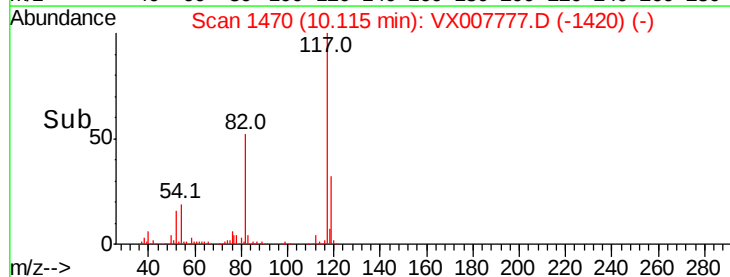
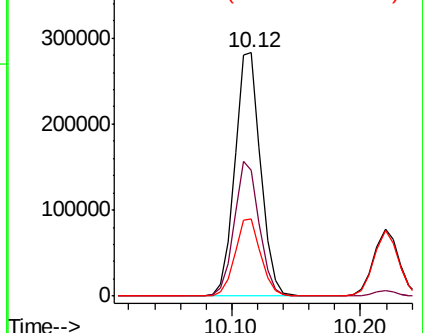
119 31.9 26.5 39.7

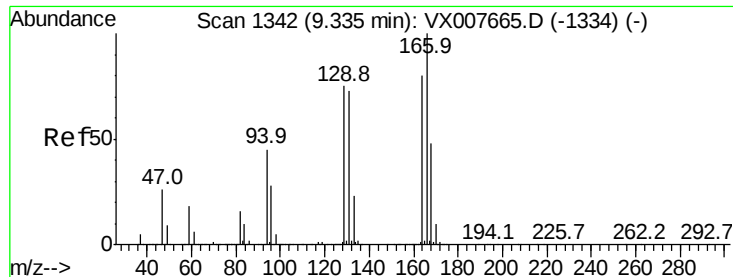


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 50.738 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion:164 Resp: 161603

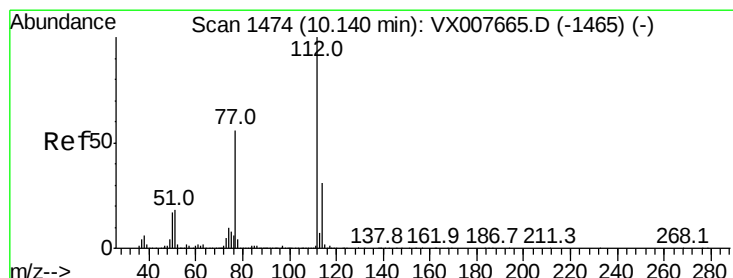
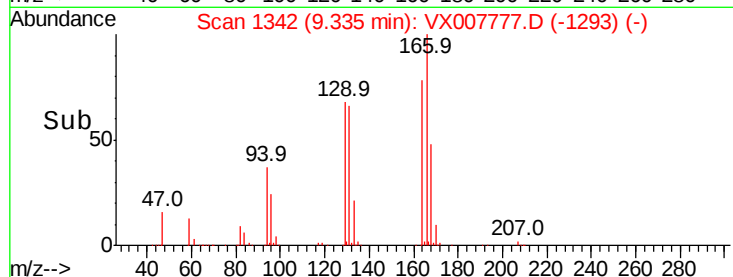
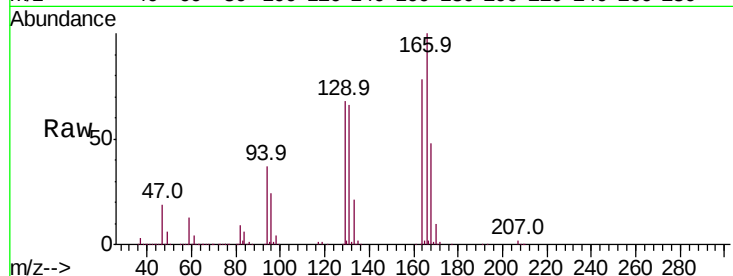
Ion Ratio Lower Upper

164 100

166 128.8 101.0 151.4

129 87.0 70.5 105.7

131 85.2 69.8 104.6



#65

Chlorobenzene

Concen: 48.379 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007777.D

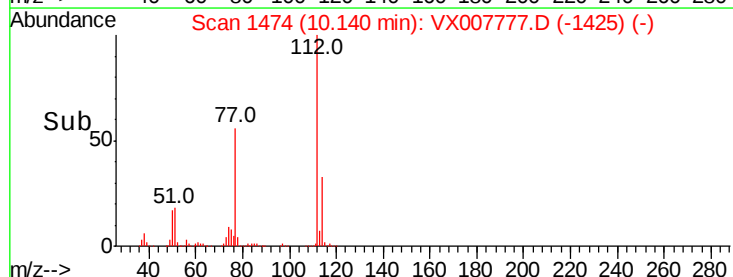
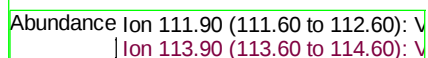
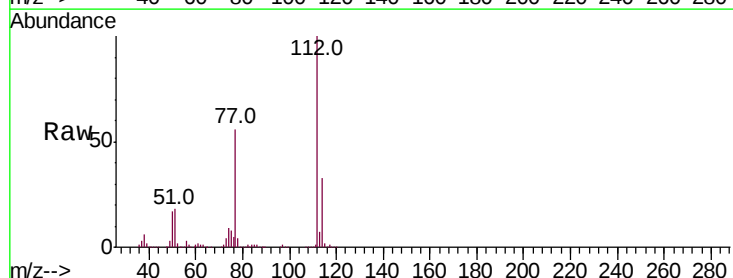
Acq: 28 Feb 2019 19:58

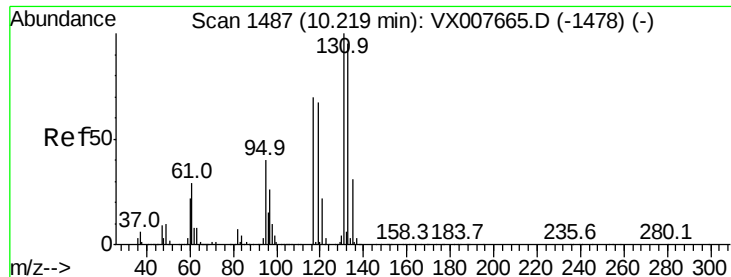
Tgt Ion:112 Resp: 410519

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 52.172 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

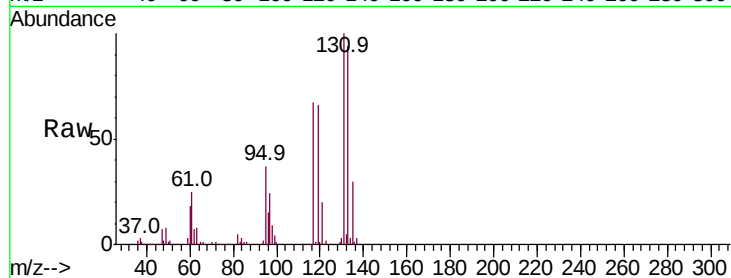
Tot Ion:131 Resp: 154425

Ion Ratio Lower Upper

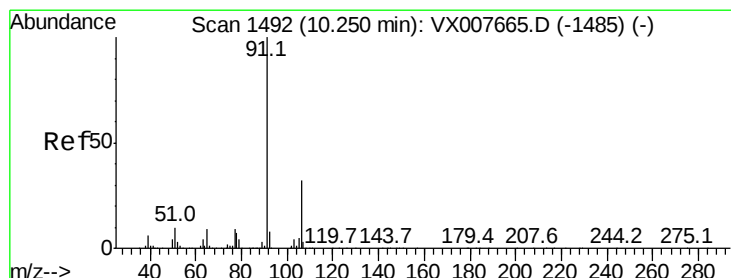
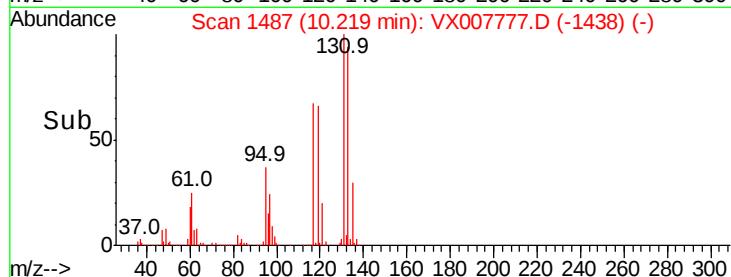
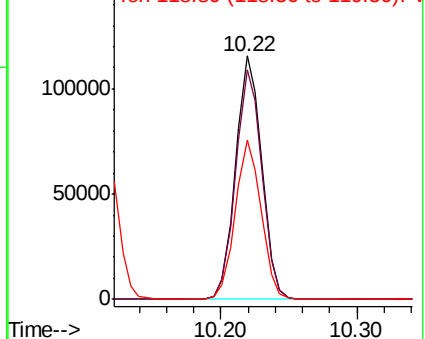
131 100

133 94.6 48.0 144.2

119 64.9 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.615 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007777.D

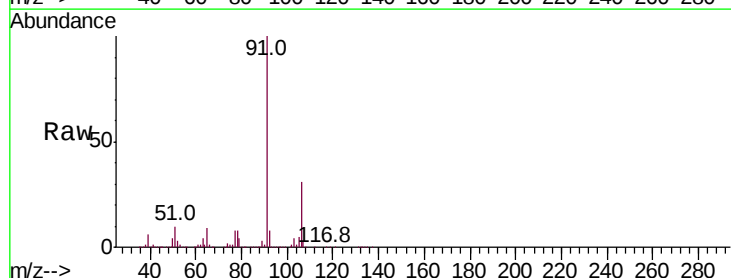
Acq: 28 Feb 2019 19:58

Tgt Ion: 91 Resp: 697419

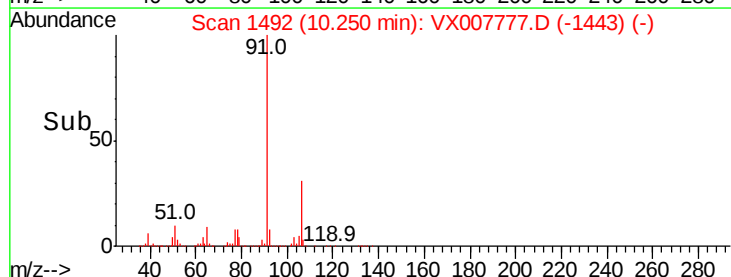
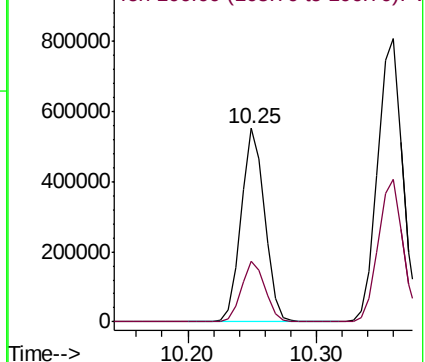
Ion Ratio Lower Upper

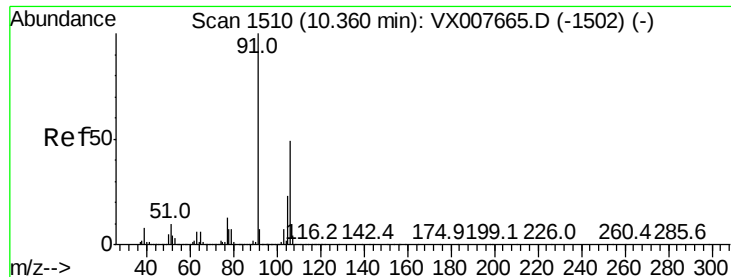
91 100

106 31.3 25.4 38.0



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

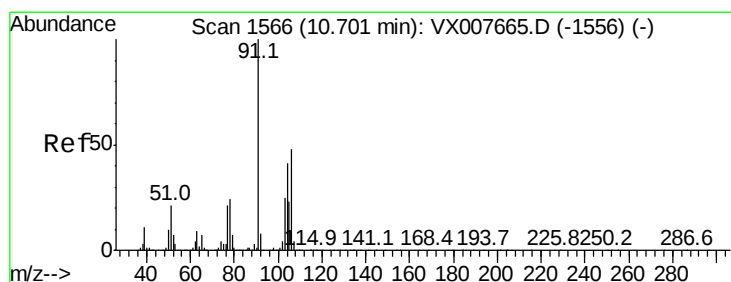
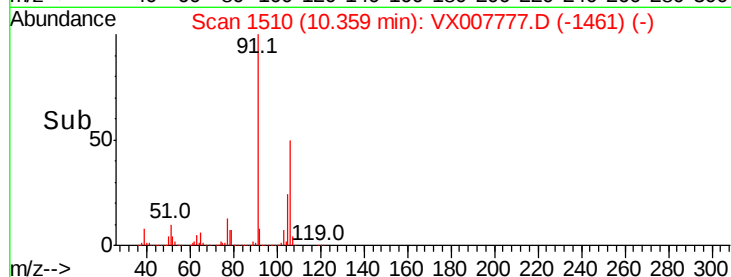
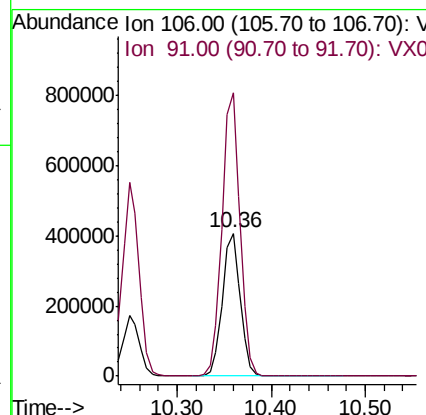
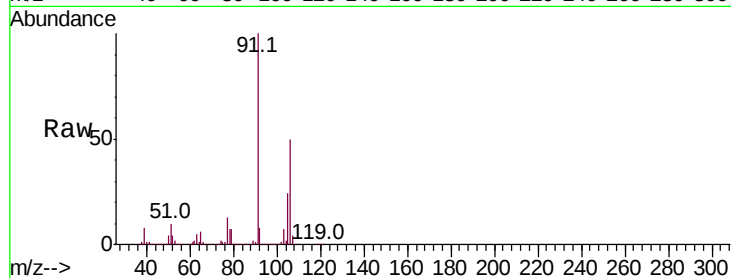




#68
m/p-Xylenes
Concen: 97.667 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

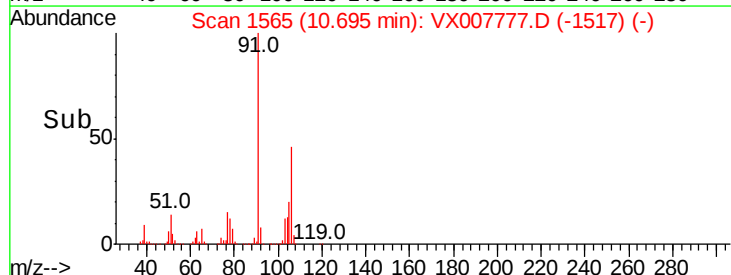
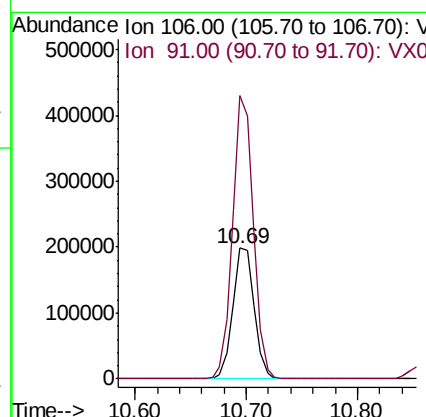
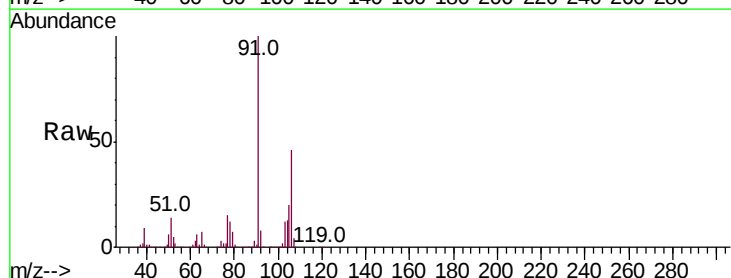
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

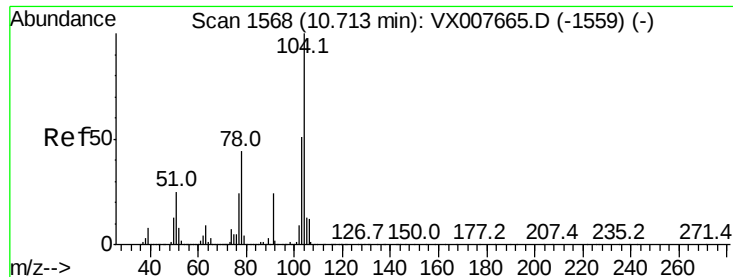
Tot Ion:106 Resp: 534094
Ion Ratio Lower Upper
106 100
91 200.5 156.6 234.8



#69
o-Xylene
Concen: 49.830 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion:106 Resp: 262109
Ion Ratio Lower Upper
106 100
91 211.2 102.9 308.7

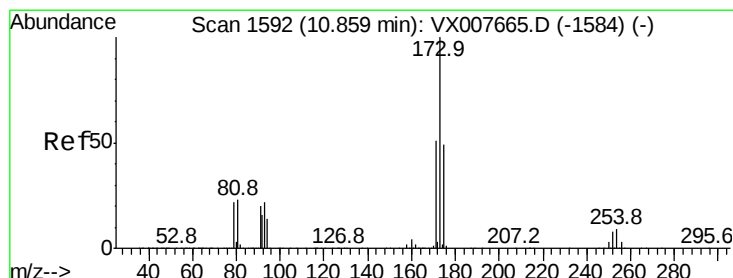
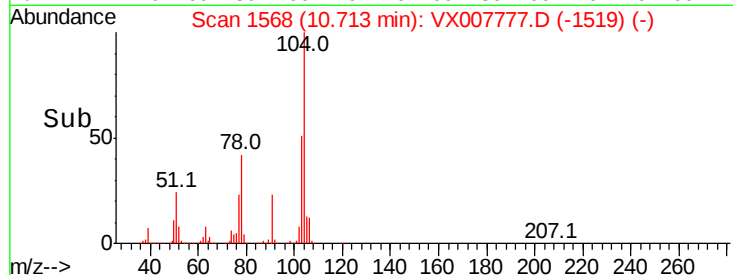
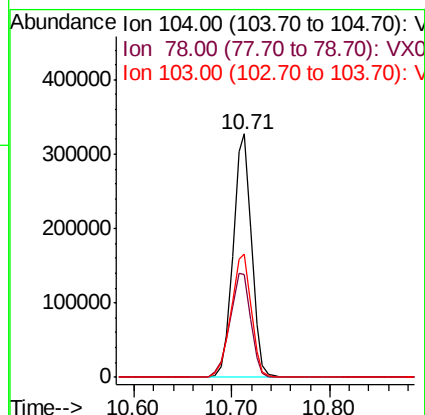
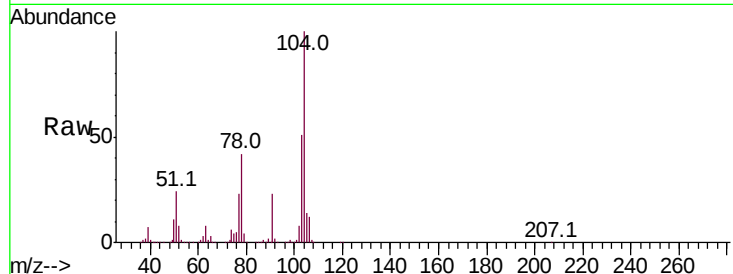




#70
Stvrene
Concen: 49.251 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

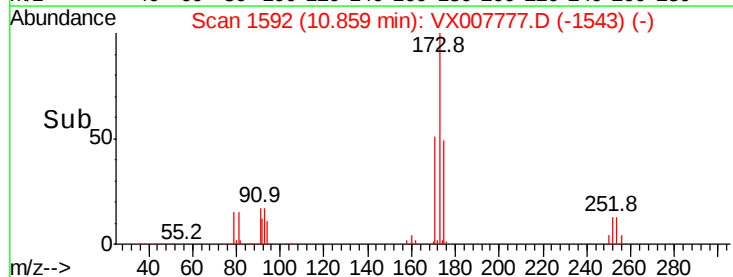
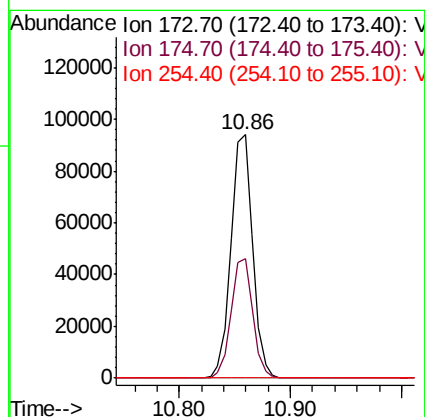
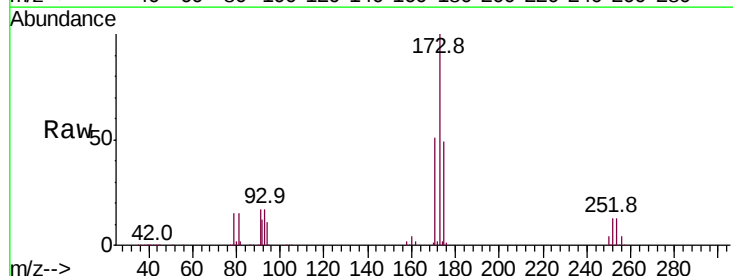
Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMSD

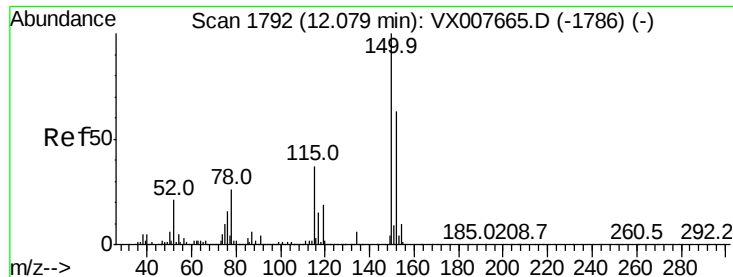
Tot Ion:104 Resp: 425823
Ion Ratio Lower Upper
104 100
78 48.7 38.3 57.5
103 55.7 44.6 67.0



#71
Bromoform
Concen: 56.921 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion:173 Resp: 126342
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
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: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

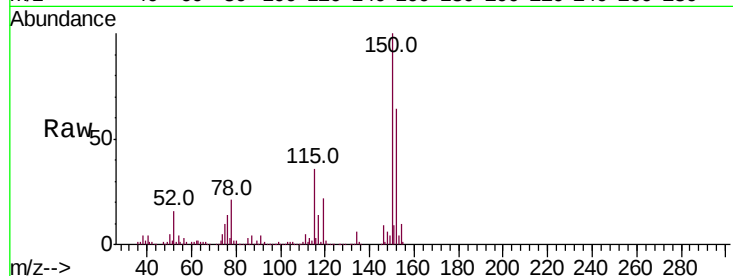
Tot Ion:152 Resp: 199086

Ion Ratio Lower Upper

152 100

115 77.0 38.0 114.0

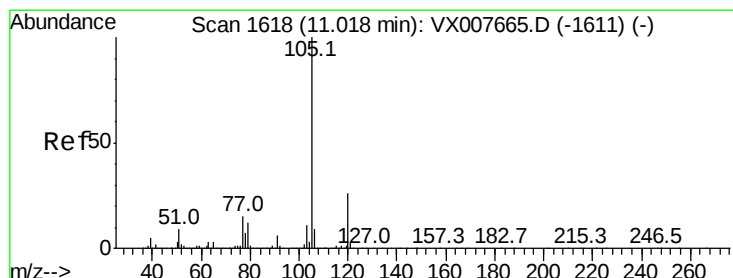
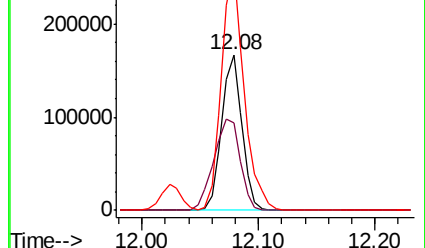
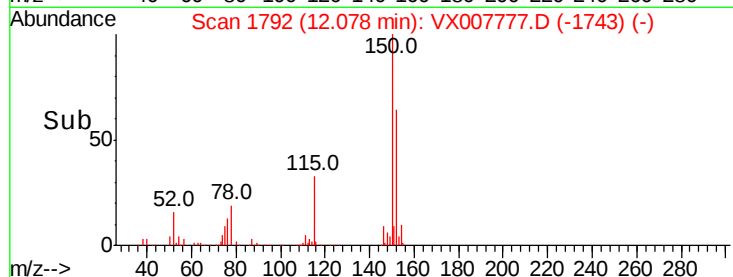
150 172.7 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.609 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007777.D

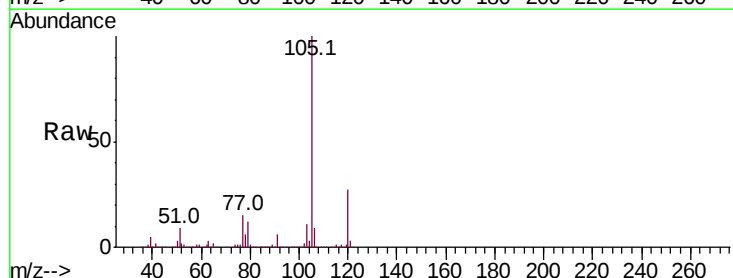
Acq: 28 Feb 2019 19:58

Tgt Ion:105 Resp: 691654

Ion Ratio Lower Upper

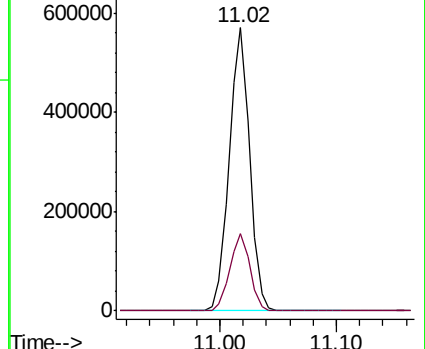
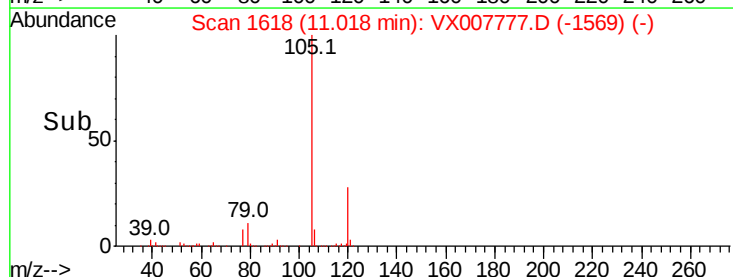
105 100

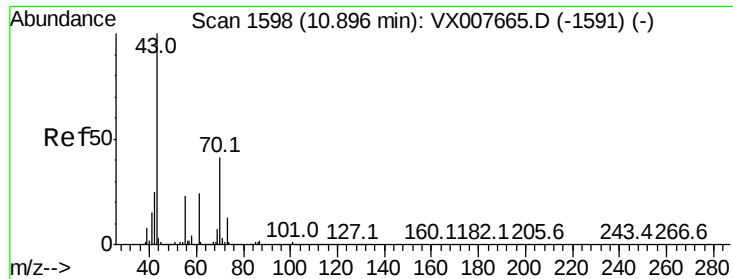
120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.578 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 43 Resp: 281627

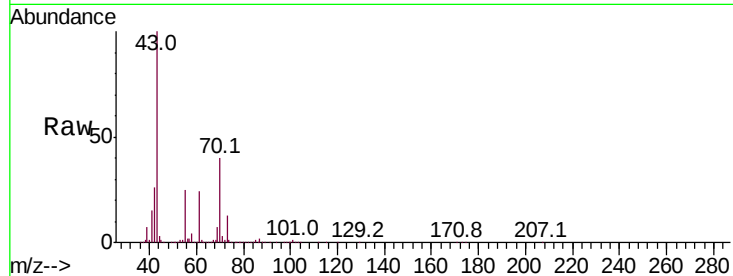
Ion Ratio Lower Upper

43 100

70 41.4 33.8 50.6

55 25.2 19.5 29.3

61 23.9 19.4 29.2

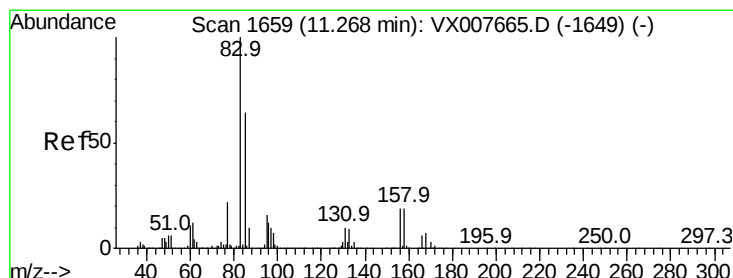
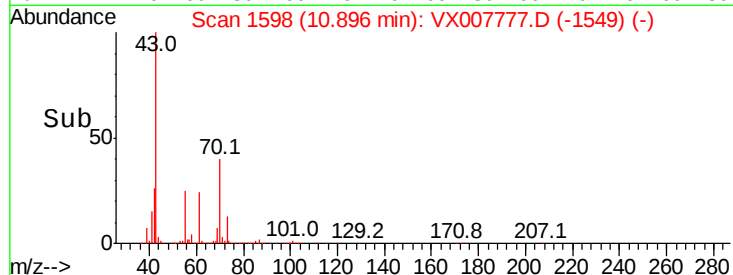
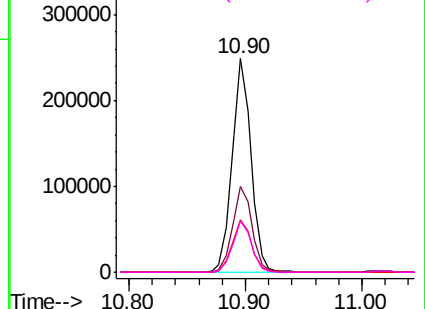


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 46.625 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

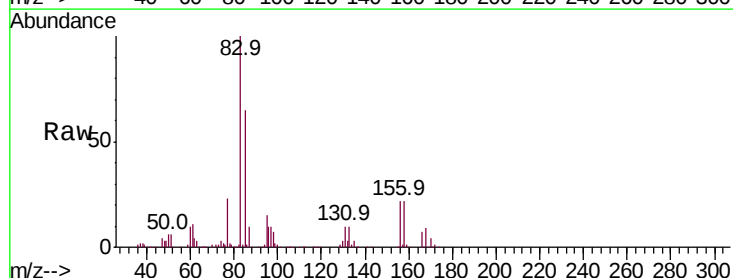
Tgt Ion: 83 Resp: 229459

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

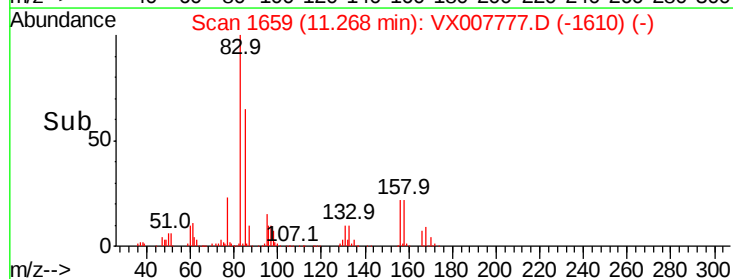
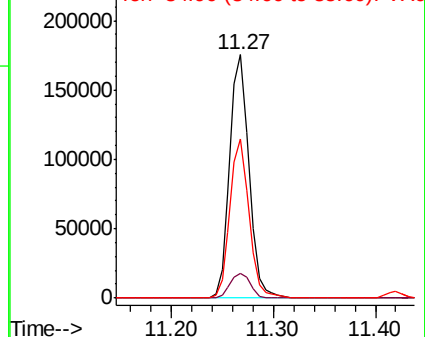
85 64.7 32.8 98.3

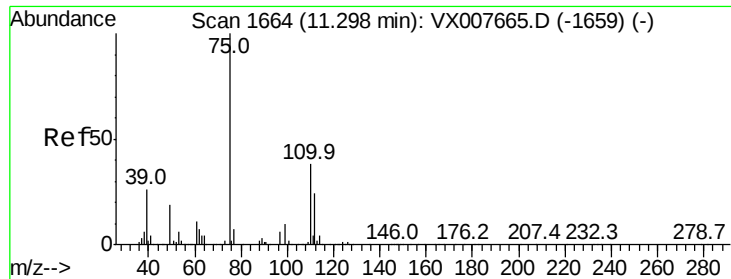


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

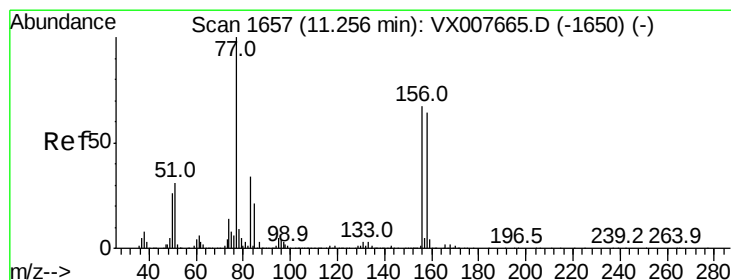
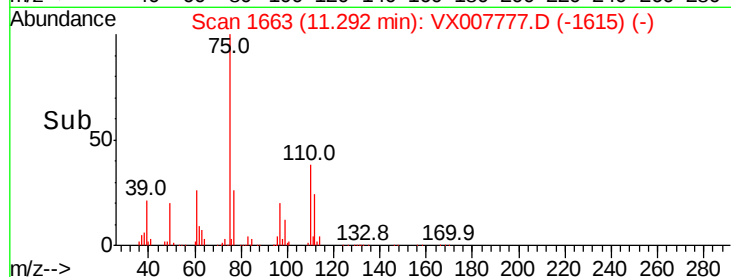
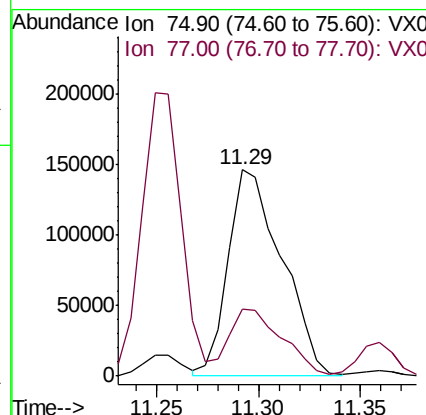
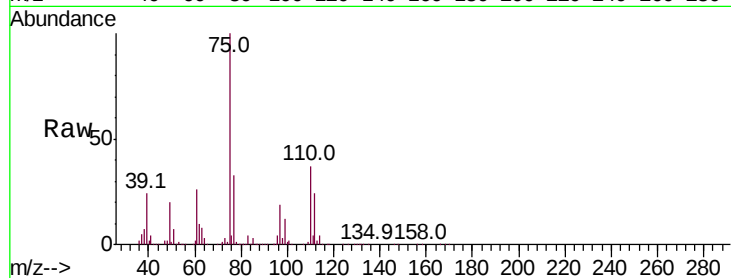




#76
 1,2,3-Trichloropropane
 Concen: 63.216 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

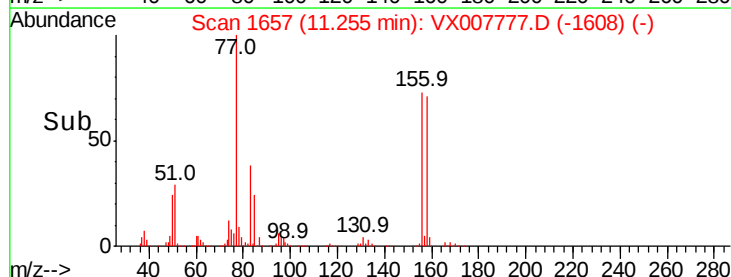
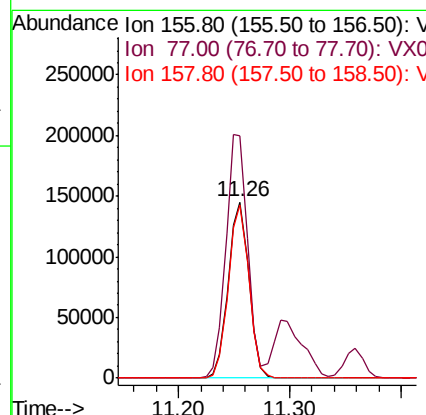
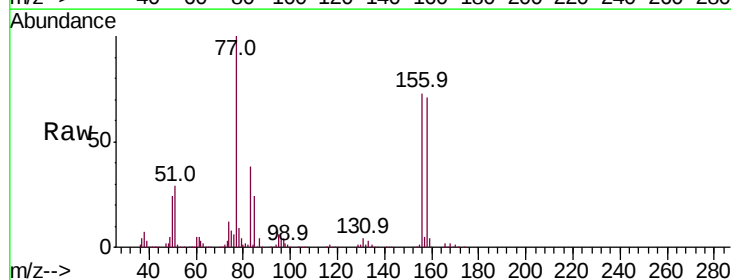
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

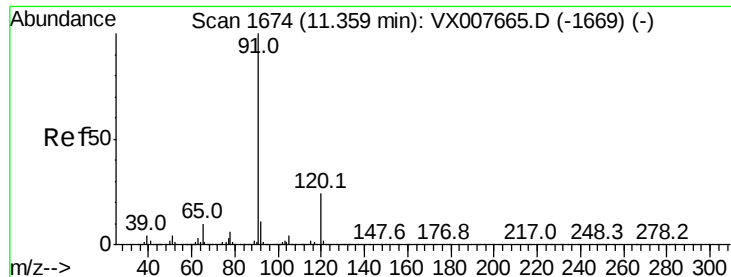
Tot Ion: 75 Resp: 268266
 Ion Ratio Lower Upper
 75 100
 77 32.5 23.0 69.0



#77
 Bromobenzene
 Concen: 52.338 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion: 156 Resp: 186792
 Ion Ratio Lower Upper
 156 100
 77 144.4 66.8 200.6
 158 97.9 47.9 143.8





#78

n-propylbenzene

Concen: 48.333 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

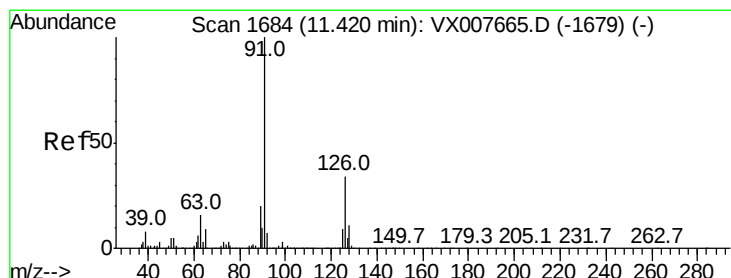
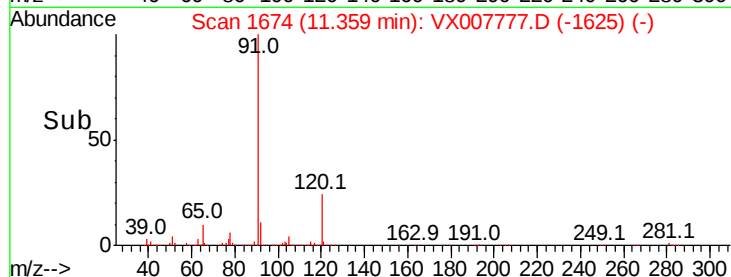
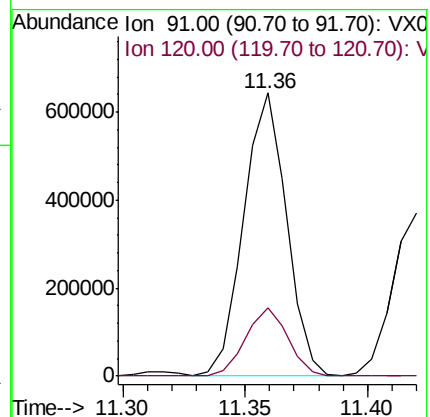
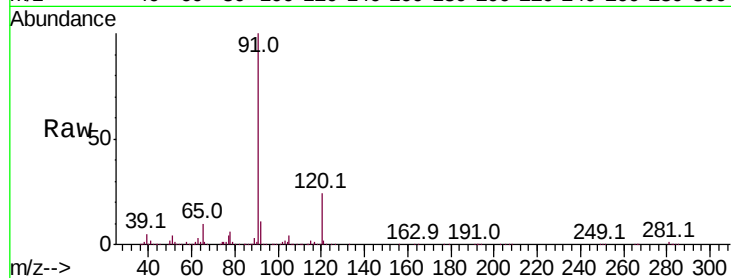
A0C1-TWPMDS

Tot Ion: 91 Resp: 777138

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.2



#79

2-Chlorotoluene

Concen: 47.531 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007777.D

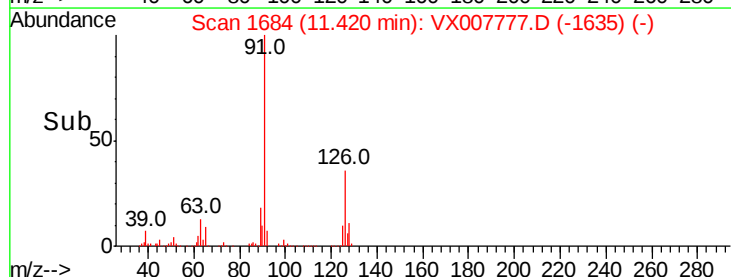
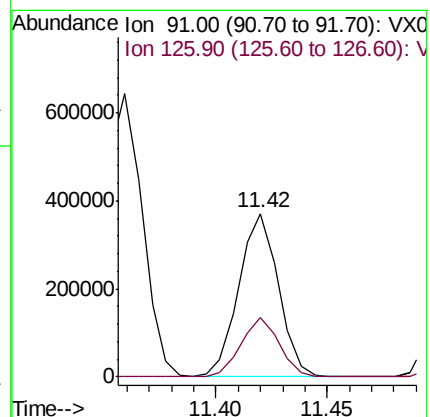
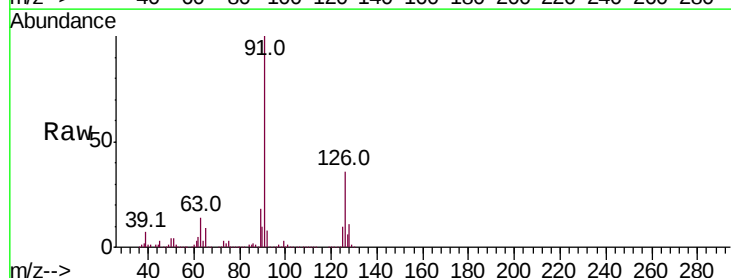
Acq: 28 Feb 2019 19:58

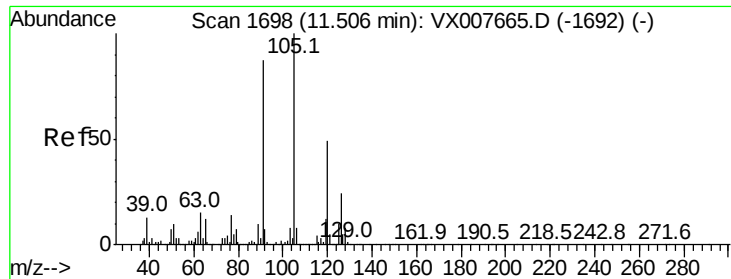
Tgt Ion: 91 Resp: 460165

Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1

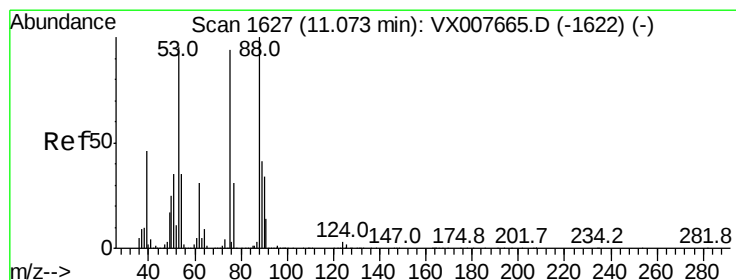
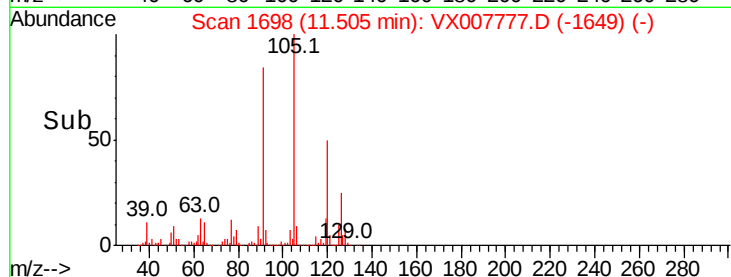
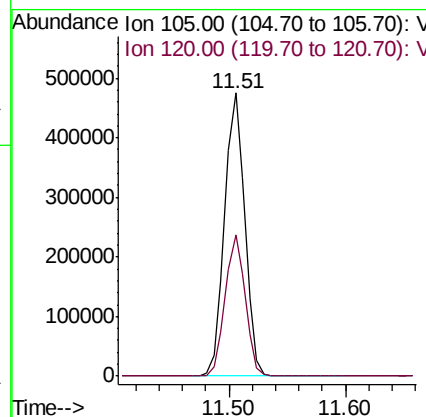
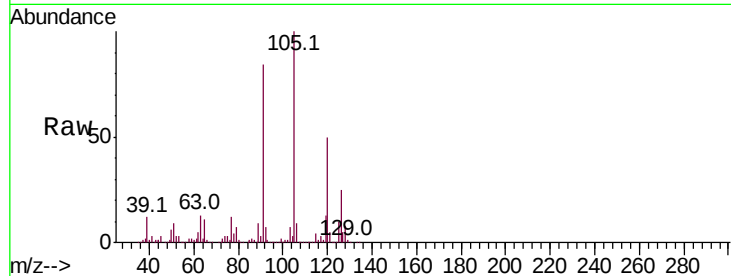




#80
 1,3,5-Trimethylbenzene
 Concen: 48.500 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

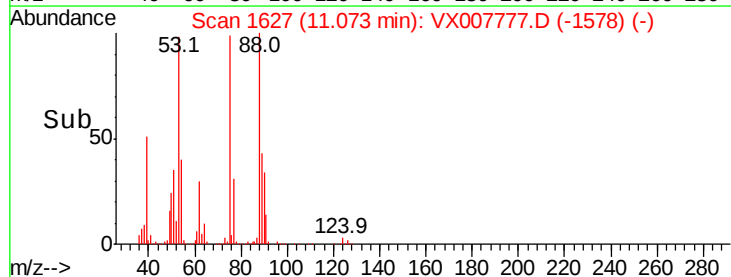
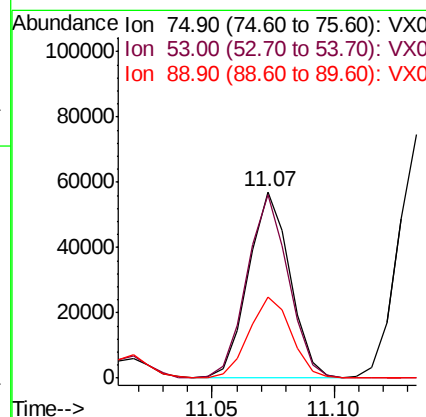
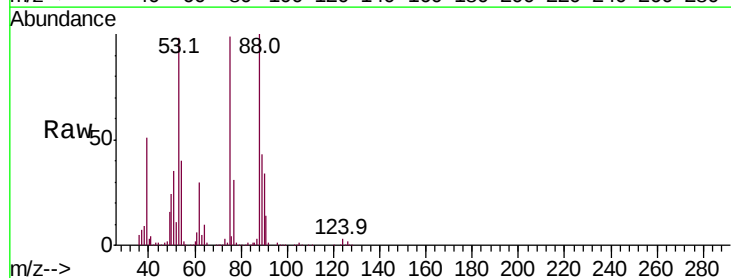
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

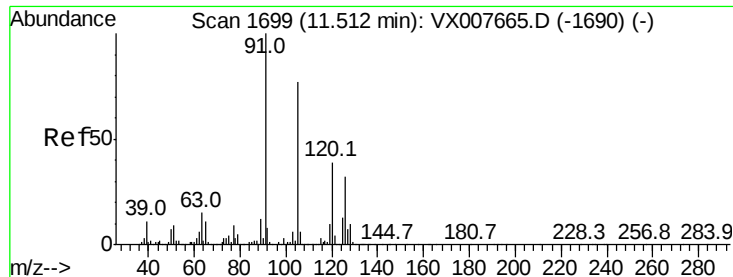
Tot Ion:105 Resp: 567649
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.022 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion: 75 Resp: 67422
 Ion Ratio Lower Upper
 75 100
 53 97.9 81.0 121.6
 89 44.6 41.4 62.0





#82

4-Chlorotoluene

Concen: 46.803 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

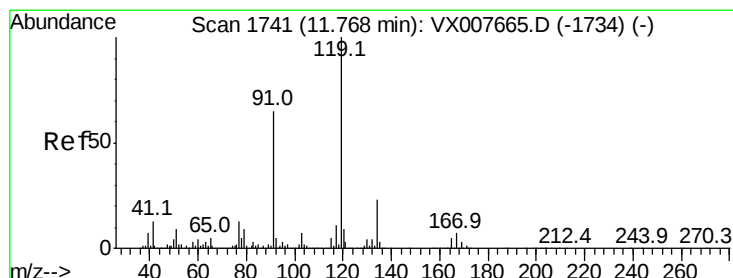
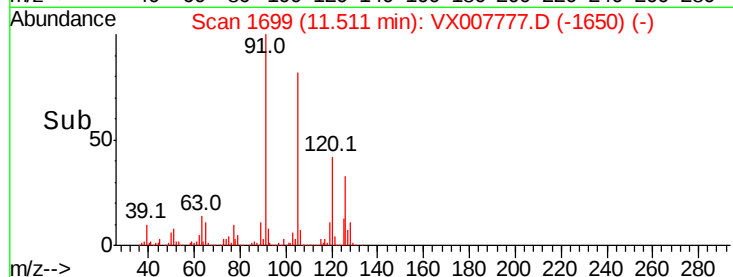
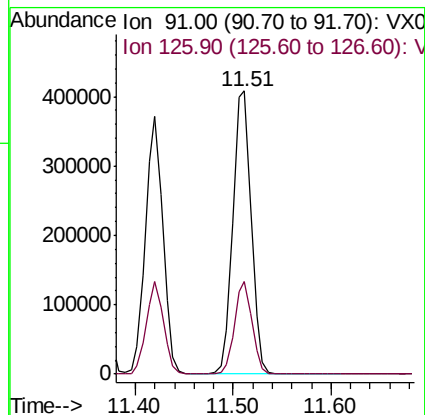
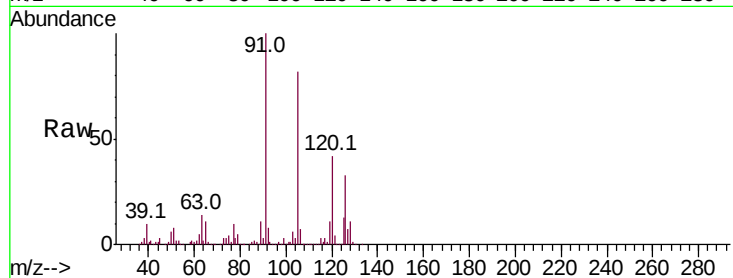
A0C1-TWPMDS

Tot Ion: 91 Resp: 530076

Ion Ratio Lower Upper

91 100

126 31.4 16.2 48.5



#83

tert-Butylbenzene

Concen: 50.184 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

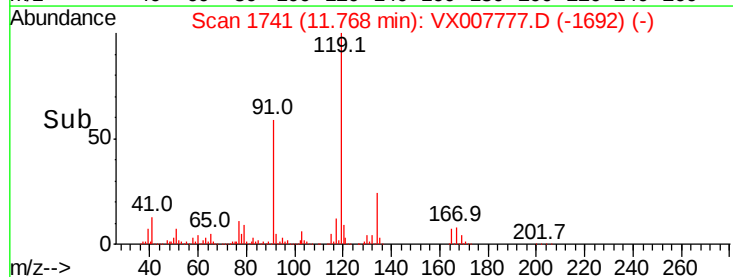
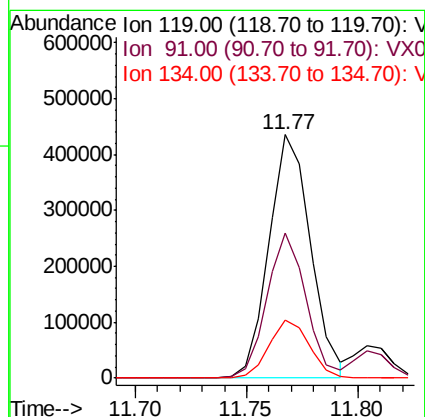
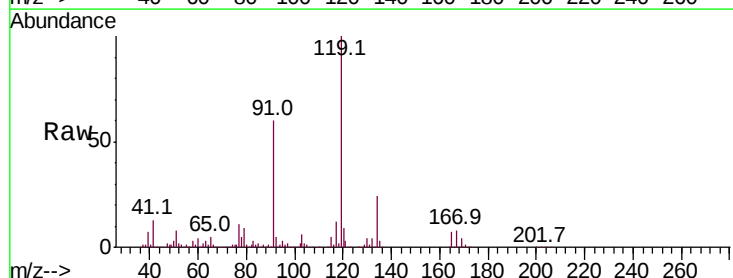
Tgt Ion: 119 Resp: 563942

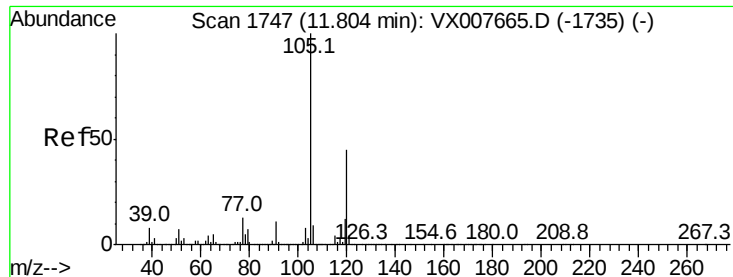
Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

134 23.4 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 48.713 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

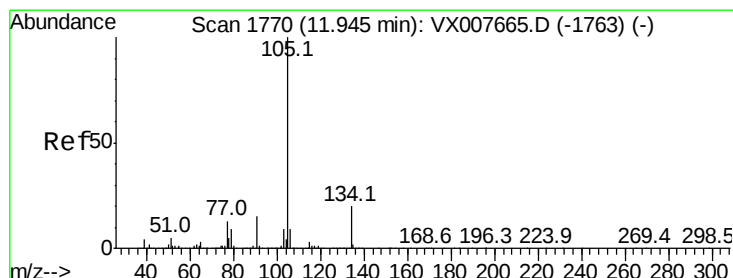
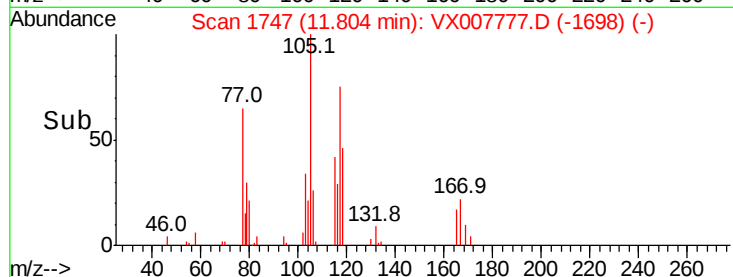
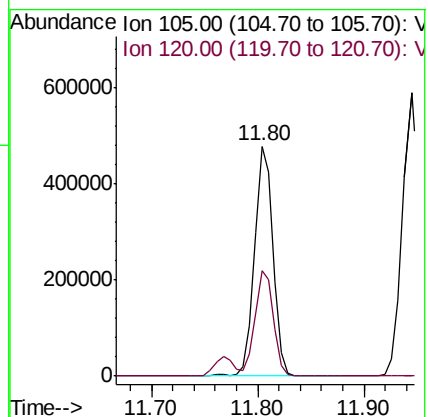
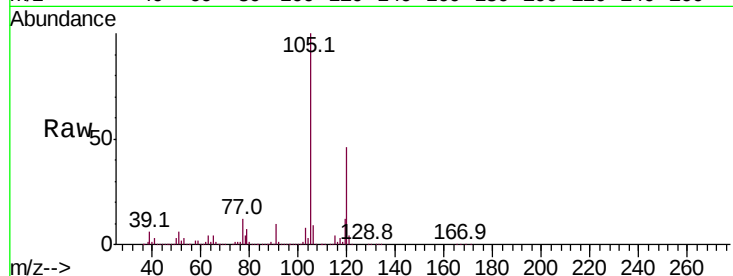
A0C1-TWPMDS

Tot Ion:105 Resp: 583194

Ion Ratio Lower Upper

105 100

120 45.3 23.1 69.3



#85

sec-Butylbenzene

Concen: 48.154 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007777.D

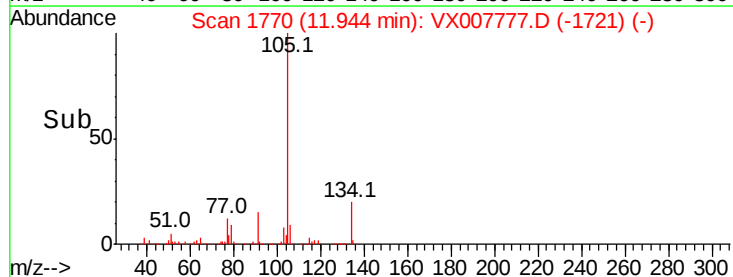
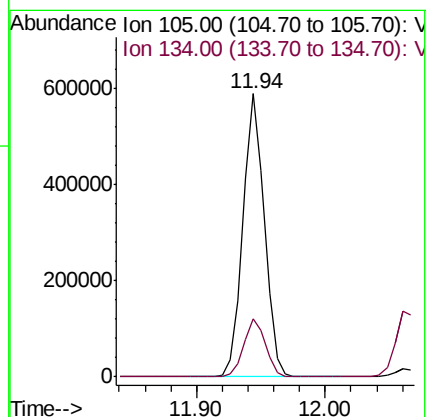
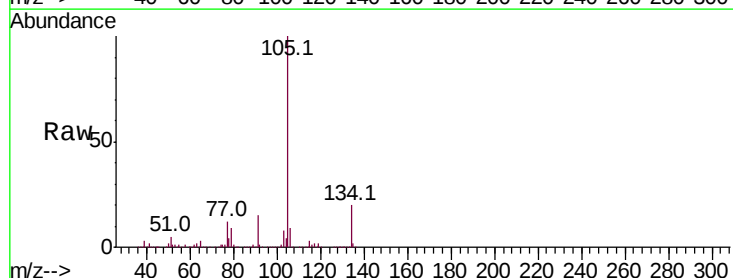
Acq: 28 Feb 2019 19:58

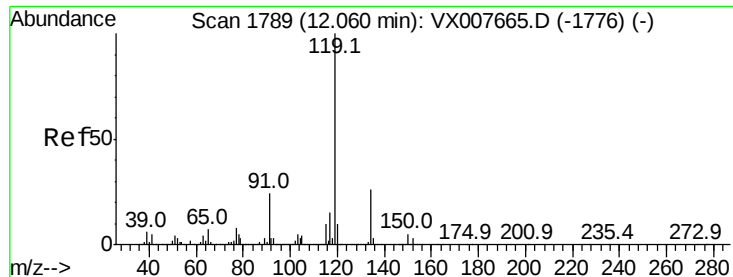
Tgt Ion:105 Resp: 678102

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8





#86

p-Isopropyltoluene

Concen: 49.515 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

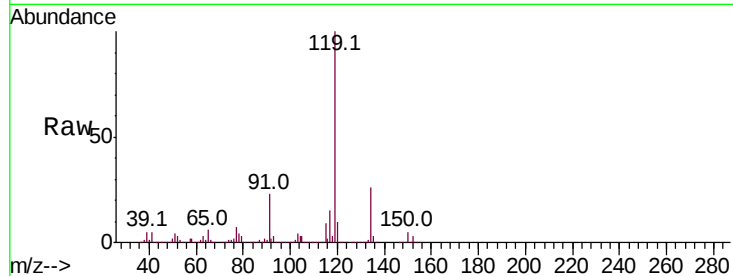
Tot Ion:119 Resp: 610640

Ion Ratio Lower Upper

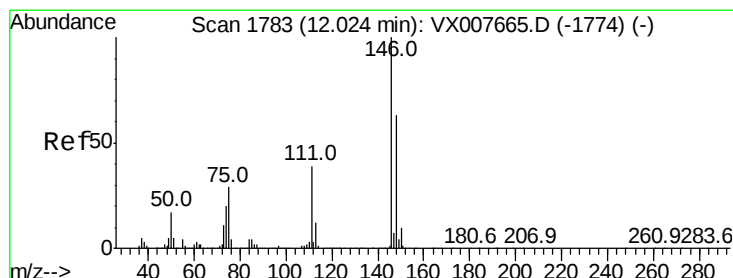
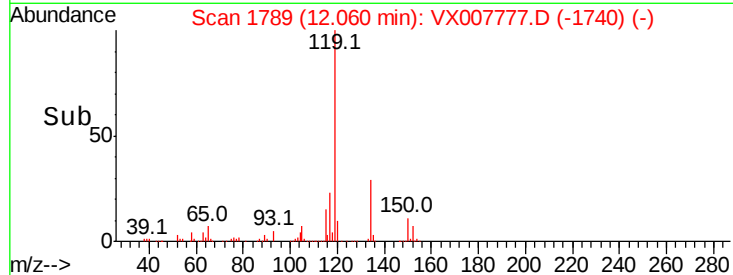
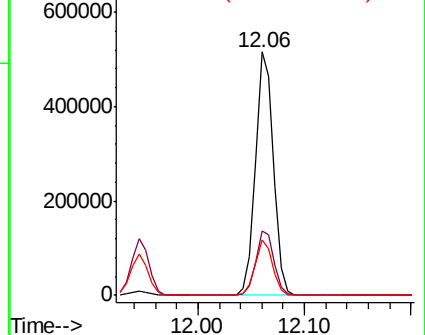
119 100

134 26.5 13.7 41.1

91 22.1 11.2 33.5



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): V



#87

1,3-Dichlorobenzene

Concen: 49.249 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

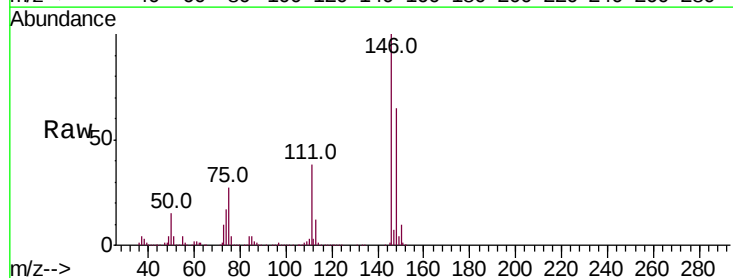
Tgt Ion:146 Resp: 326027

Ion Ratio Lower Upper

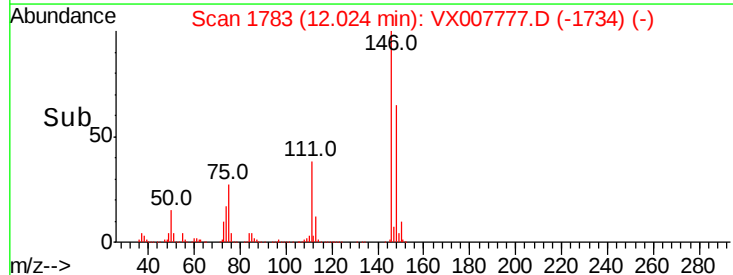
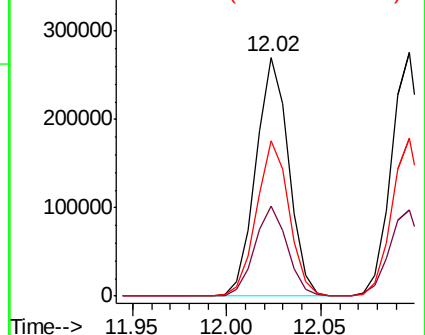
146 100

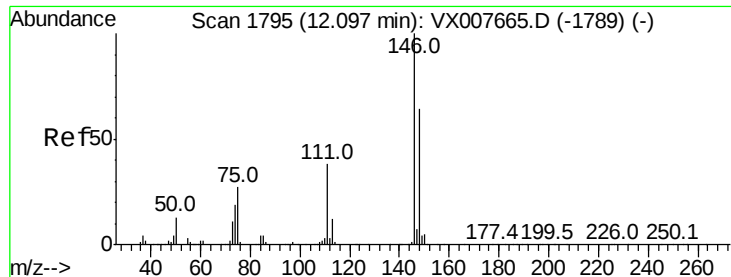
111 37.4 18.1 54.1

148 64.6 32.0 96.2



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

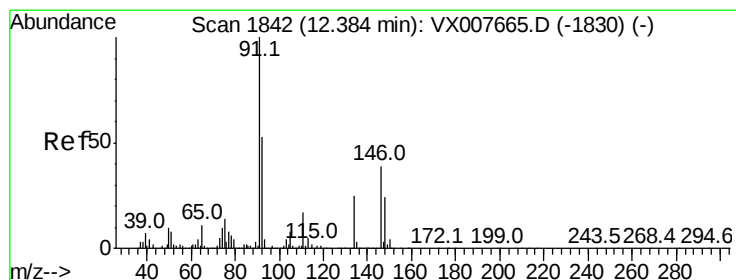
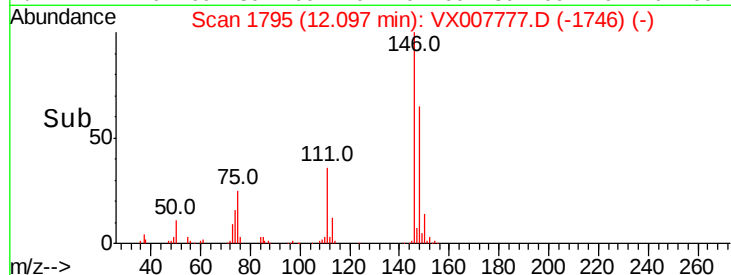
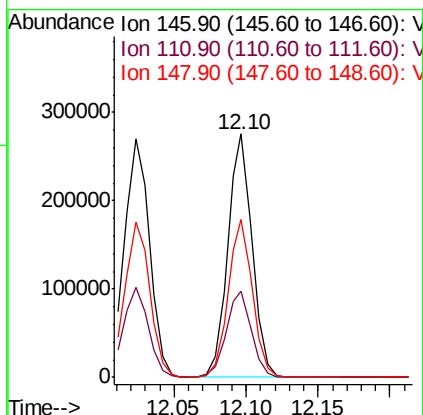
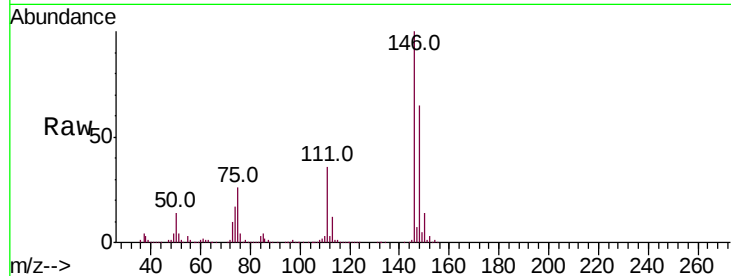




#88
 1,4-Dichlorobenzene
 Concen: 48.310 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

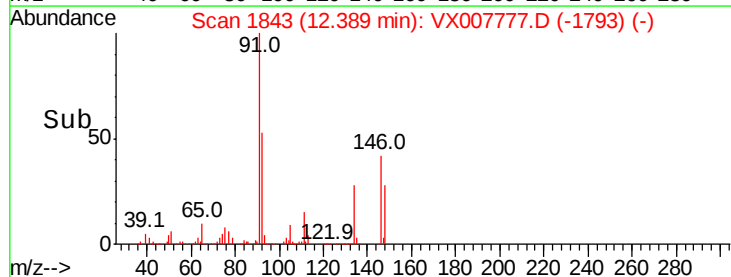
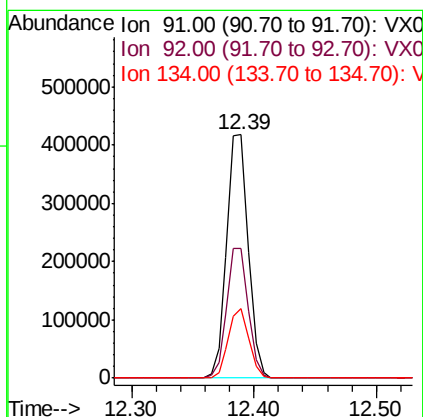
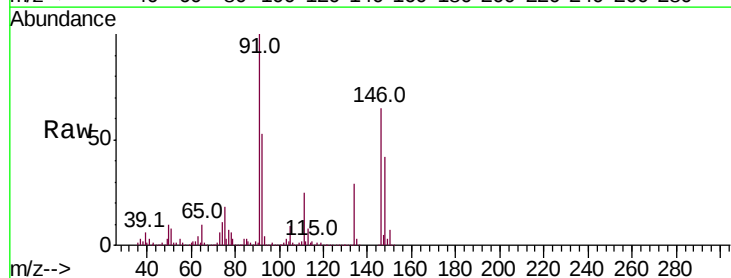
Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

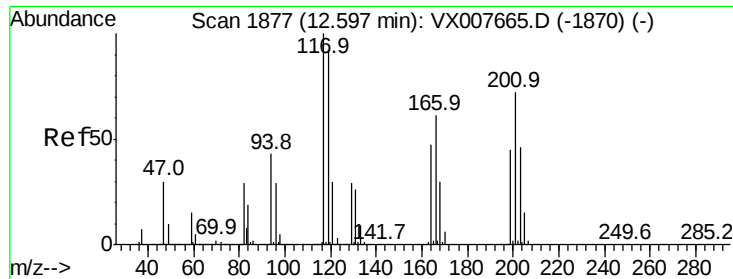
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.6	32.3	96.9



#89
 n-Butylbenzene
 Concen: 46.326 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	27.3	13.9	41.6





#90

Hexachloroethane

Concen: 47.718 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

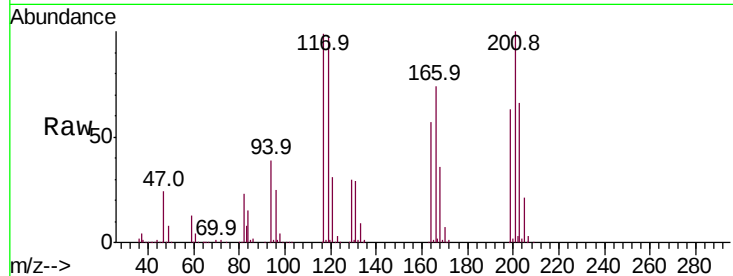
A0C1-TWPMDS

Tot Ion:117 Resp: 99154

Ion Ratio Lower Upper

117 100

201 96.8 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

80000

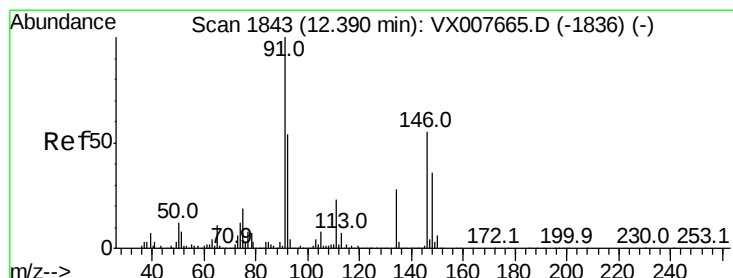
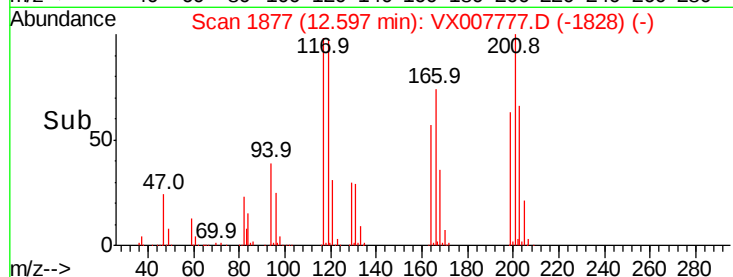
60000

40000

20000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 49.298 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

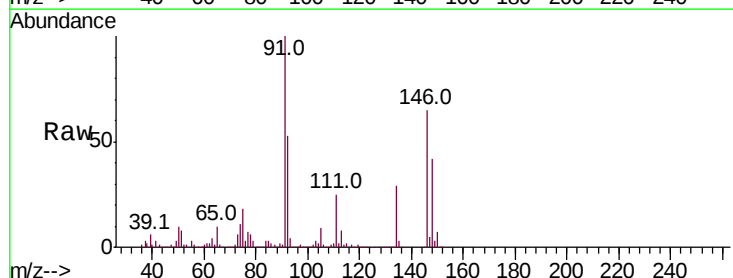
Tgt Ion:146 Resp: 326539

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

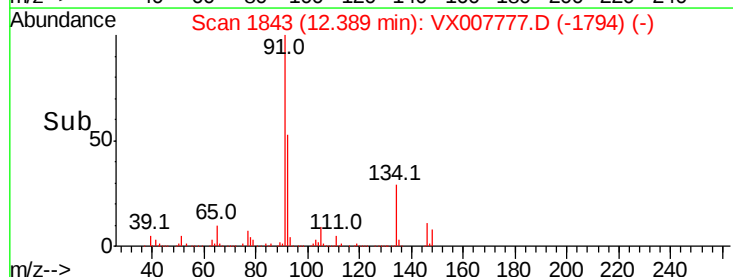
300000

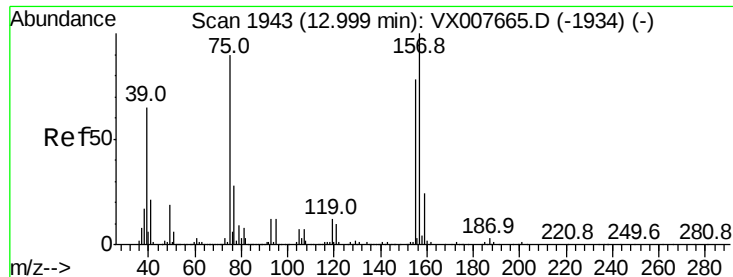
200000

100000

0

Time--> 12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.665 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

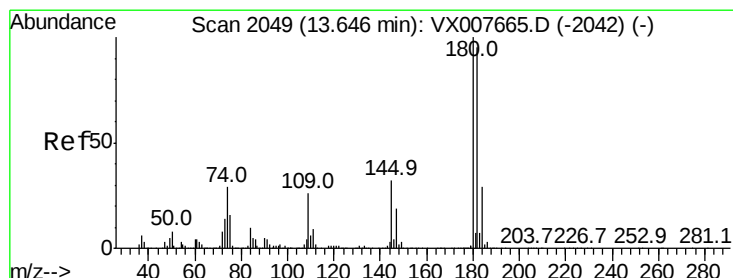
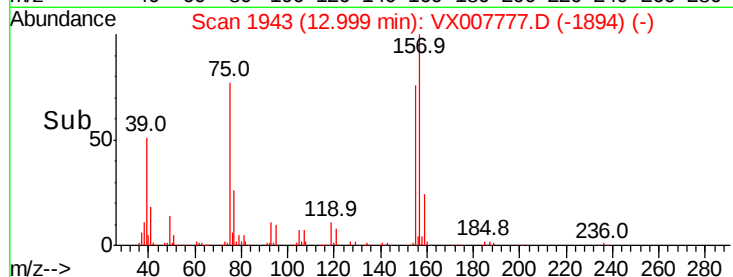
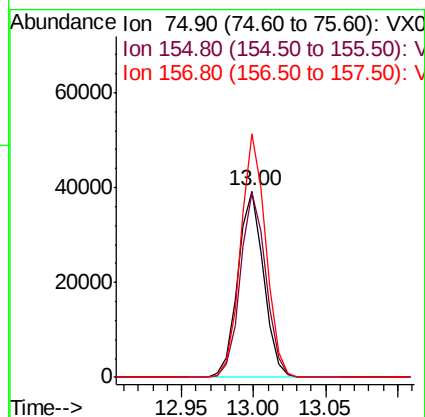
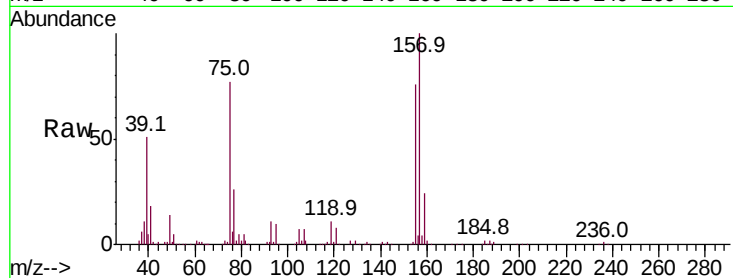
Tot Ion: 75 Resp: 48966

Ion Ratio Lower Upper

75 100

155 97.4 49.6 149.0

157 126.7 65.1 195.3



#93

1,2,4-Trichlorobenzene

Concen: 56.479 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

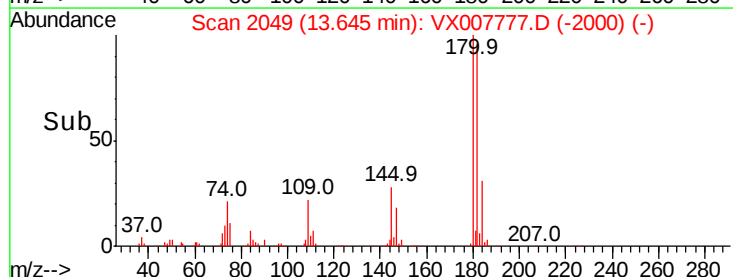
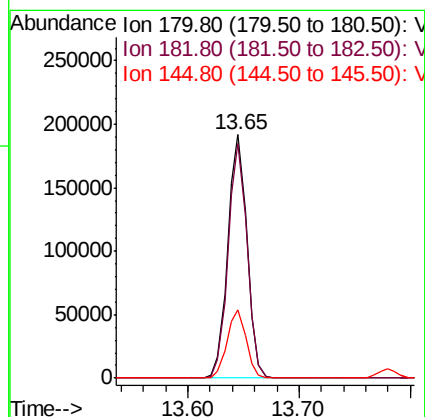
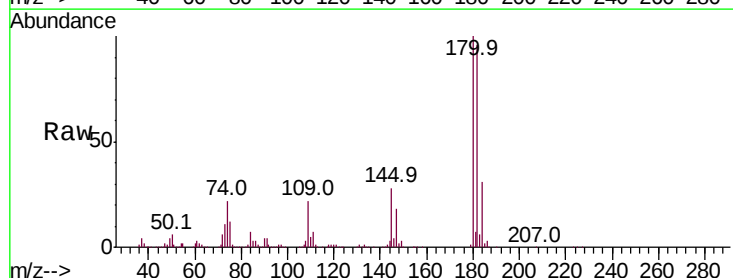
Tgt Ion:180 Resp: 228355

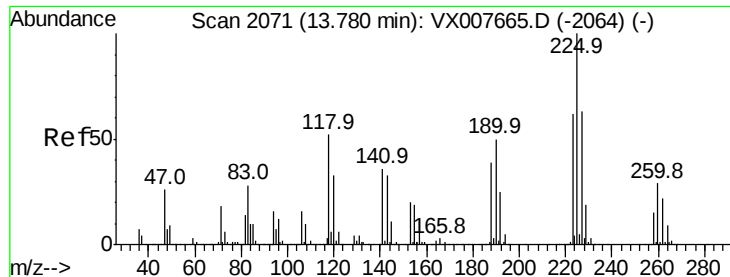
Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.3

145 27.9 14.1 42.2





#94

Hexachlorobutadiene

Concen: 62.121 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

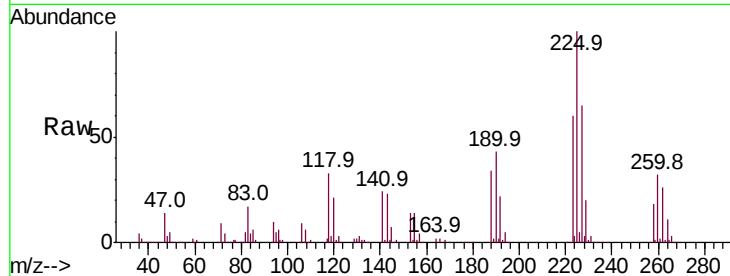
Tot Ion:225 Resp: 114901

Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

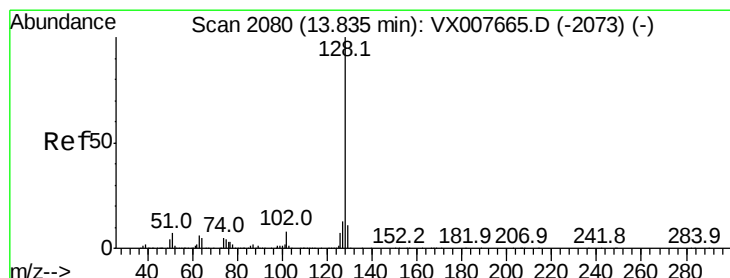
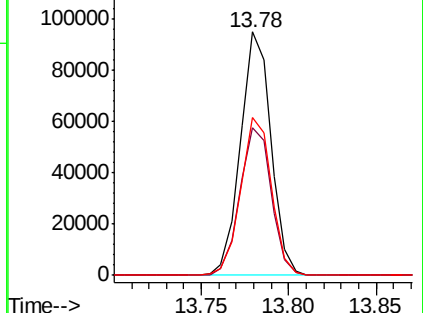
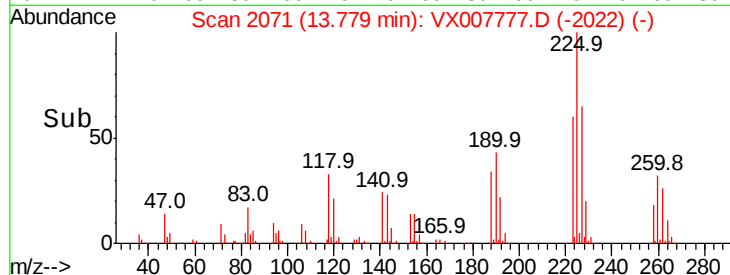
227 65.1 32.1 96.3



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: 52.532 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

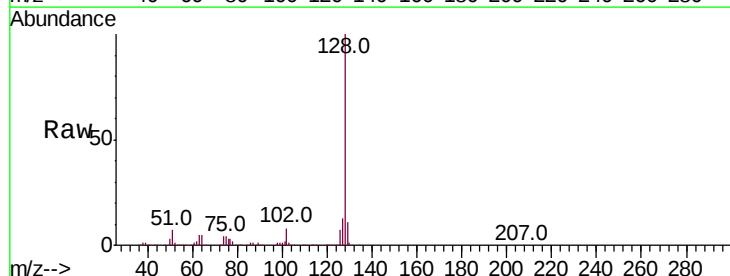
Tgt Ion:128 Resp: 688133

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

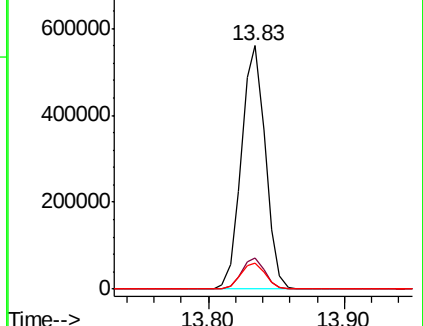
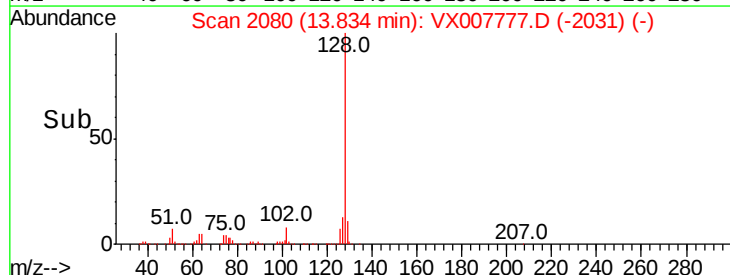
129 11.0 8.7 13.1

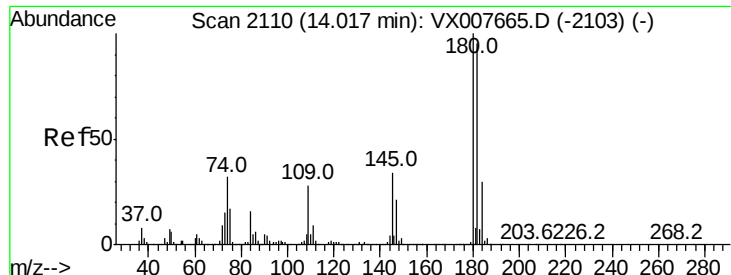


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

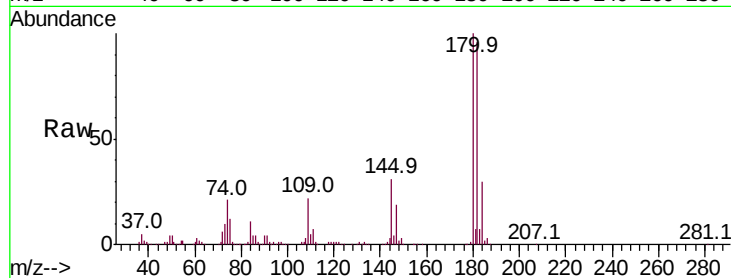




#96
 1,2,3-Trichlorobenzene
 Concen: 56.631 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	30.0	14.9	44.5



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

