

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101618\
 Data File : VX005357.D
 Acq On : 16 Oct 2018 09:13
 Operator : JC/MD
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Quant Time: Oct 17 04:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134340	46.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	5.50	113	109962	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	8.71	98	420419	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.14	95	155448	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41109	20.357	ug/l	96
3) Chloromethane	1.32	50	53383	18.244	ug/l	98
4) Vinyl Chloride	1.40	62	54744	18.469	ug/l	99
5) Bromomethane	1.64	94	34009	20.662	ug/l	98
6) Chloroethane	1.71	64	33983	18.452	ug/l	99
7) Trichlorofluoromethane	1.92	101	80046	20.236	ug/l	96
8) Diethyl Ether	2.18	74	31598	18.706	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48052	21.047	ug/l	97
10) Methyl Iodide	2.51	142	47114	20.372	ug/l	98
11) Tert butyl alcohol	3.07	59	79804	98.696	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43322	19.151	ug/l	93
13) Acrolein	2.29	56	33306	62.931	ug/l	97
14) Allyl chloride	2.73	41	94446	19.017	ug/l	96
15) Acrylonitrile	3.15	53	168606	92.018	ug/l	98
16) Acetone	2.45	43	156334	94.327	ug/l	97
17) Carbon Disulfide	2.57	76	123836	18.072	ug/l	99
18) Methyl Acetate	2.78	43	91744	19.457	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	158087	19.843	ug/l	95
20) Methylene Chloride	2.85	84	51058	20.367	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	47357	18.891	ug/l	99
22) Diisopropyl ether	3.87	45	164924	19.771	ug/l	94
23) Vinyl Acetate	3.82	43	737489	101.151	ug/l	96
24) 1,1-Dichloroethane	3.69	63	93301	19.516	ug/l	98
25) 2-Butanone	4.70	43	215359	88.811	ug/l	96
26) 2,2-Dichloropropane	4.58	77	69675	19.487	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	49788	18.275	ug/l	96
28) Bromochloromethane	5.01	49	40808	18.724	ug/l	96
29) Tetrahydrofuran	5.15	42	136643	88.340	ug/l	94
30) Chloroform	5.21	83	84828	19.117	ug/l	100
31) Cyclohexane	5.57	56	72255	18.337	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	73585	19.058	ug/l	99
36) 1,1-Dichloropropene	5.79	75	63693	18.541	ug/l	100
37) Ethyl Acetate	4.85	43	78675	17.808	ug/l	98
38) Carbon Tetrachloride	5.78	117	65853	19.078	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1016WBS01

Quant Time: Oct 17 04:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72526	19.507	ug/l	93
40) Benzene	6.14	78	185886	18.038	ug/l	100
41) Methacrylonitrile	5.06	41	42340	17.877	ug/l	97
42) 1,2-Dichloroethane	6.20	62	67659	18.594	ug/l	97
43) Isopropyl Acetate	6.46	43	113052	19.210	ug/l	97
44) Trichloroethene	7.21	130	53131	19.816	ug/l	100
45) 1,2-Dichloropropane	7.51	63	48749	19.285	ug/l	98
46) Dibromomethane	7.66	93	32481	19.468	ug/l	97
47) Bromodichloromethane	7.90	83	62404	20.221	ug/l	100
48) Methyl methacrylate	7.77	41	59704	19.561	ug/l	95
49) 1,4-Dioxane	7.75	88	27873	395.922	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	411115	100.890	ug/l	94
52) Toluene	8.79	92	119151	21.134	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	67688	20.267	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	76129	21.037	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50348	21.084	ug/l	98
56) Ethyl methacrylate	9.18	69	71157	20.441	ug/l	97
57) 1,3-Dichloropropane	9.37	76	81127	20.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	204439	104.717	ug/l	96
59) 2-Hexanone	9.49	43	331004	100.982	ug/l	93
60) Dibromochloromethane	9.59	129	51251	20.763	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50809	20.274	ug/l	100
64) Tetrachloroethene	9.34	164	56161	21.022	ug/l	98
65) Chlorobenzene	10.14	112	136890	19.393	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	50011	19.882	ug/l	98
67) Ethyl Benzene	10.25	91	224842	19.594	ug/l	97
68) m/p-Xylenes	10.36	106	180054	40.426	ug/l	96
69) o-Xylene	10.70	106	83938	19.541	ug/l	97
70) Styrene	10.71	104	140452	19.879	ug/l	97
71) Bromoform	10.86	173	42065	18.713	ug/l #	97
73) Isopropylbenzene	11.02	105	233517	20.283	ug/l	100
74) N-amyl acetate	10.90	43	103287	18.600	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	80427	18.518	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94526	25.162	ug/l	87
77) Bromobenzene	11.26	156	65116	19.781	ug/l	98
78) n-propylbenzene	11.36	91	269931	20.374	ug/l	99
79) 2-Chlorotoluene	11.42	91	162380	20.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	202279	20.517	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	23247	18.803	ug/l	98
82) 4-Chlorotoluene	11.51	91	193615	20.130	ug/l	100
83) tert-Butylbenzene	11.77	119	196778	19.710	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	206060	20.309	ug/l	98
85) sec-Butylbenzene	11.94	105	240836	20.384	ug/l	99
86) p-Isopropyltoluene	12.07	119	220307	20.630	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	121529	19.757	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124626	19.804	ug/l	99
89) n-Butylbenzene	12.39	91	190830	19.681	ug/l	98
90) Hexachloroethane	12.60	117	33845	18.390	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	121722	19.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18882	17.823	ug/l	98

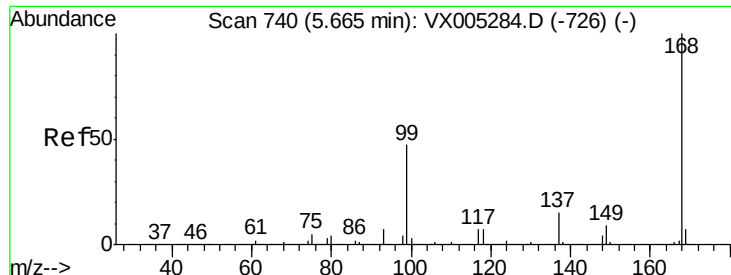
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101618\
Data File : VX005357.D
Acq On : 16 Oct 2018 09:13
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Instrument :
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ClientSampleId :
VX1016WBS01

Quant Time: Oct 17 04:53:57 2018
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93113	20.218	ug/l	99
94) Hexachlorobutadiene	13.78	225	50072	20.586	ug/l	97
95) Naphthalene	13.83	128	260847	19.530	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94482	20.050	ug/l	100

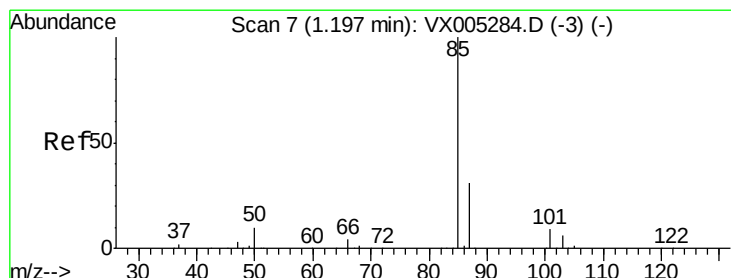
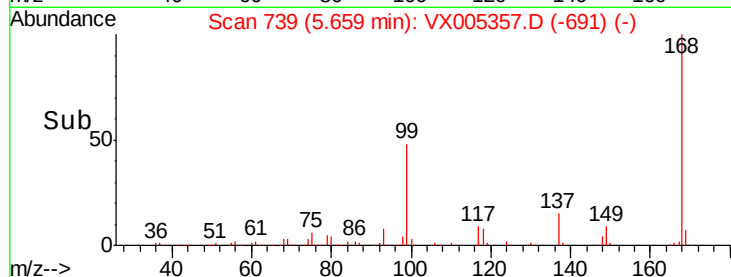
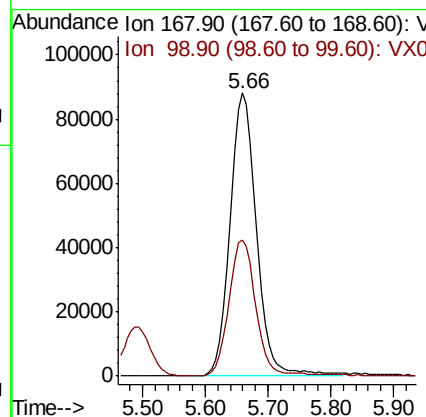
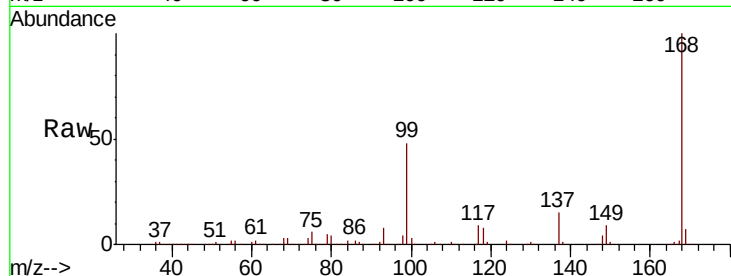
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

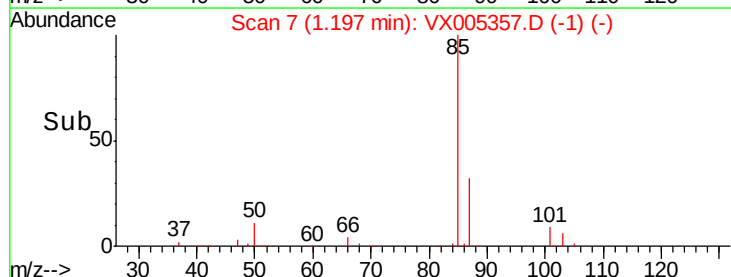
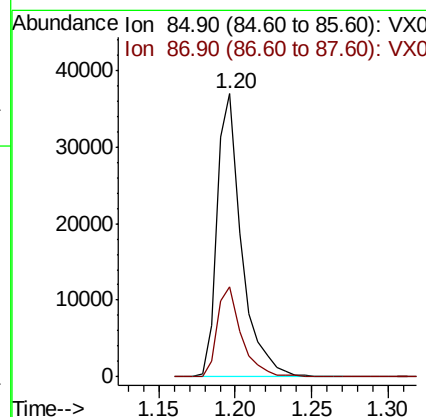
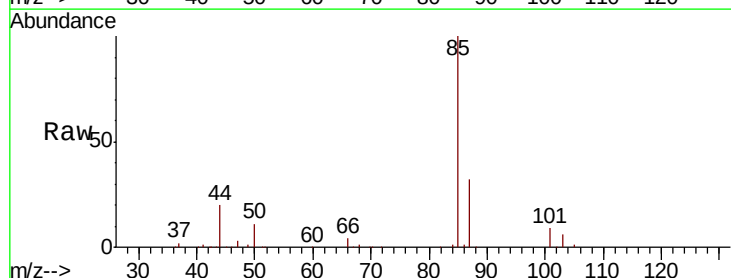
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

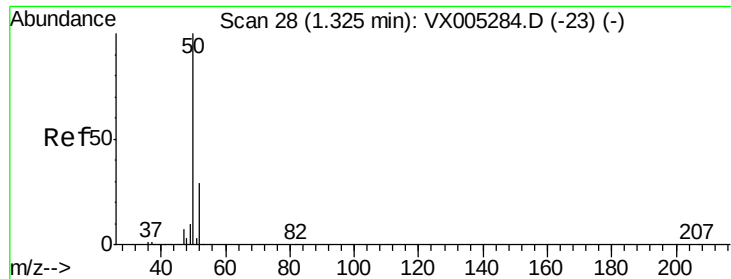
Tgt Ion: 168 Resp: 258276
Ion Ratio Lower Upper
168 100
99 48.2 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 20.357 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 85 Resp: 41109
Ion Ratio Lower Upper
85 100
87 31.9 17.0 50.9





#3

Chloromethane

Concen: 18.244 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

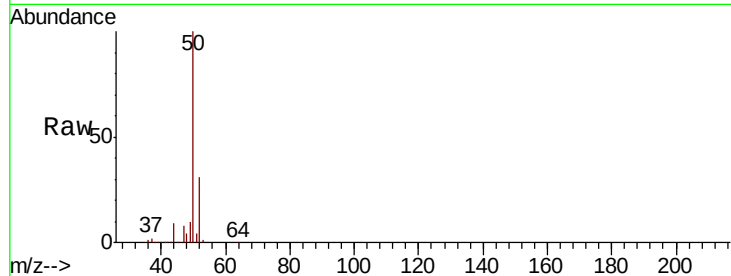
VX1016WBS01

Tgt Ion: 50 Resp: 53383

Ion Ratio Lower Upper

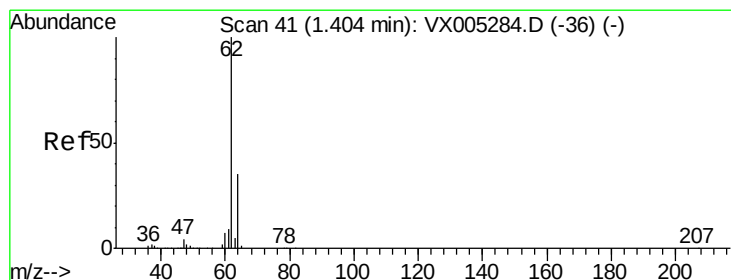
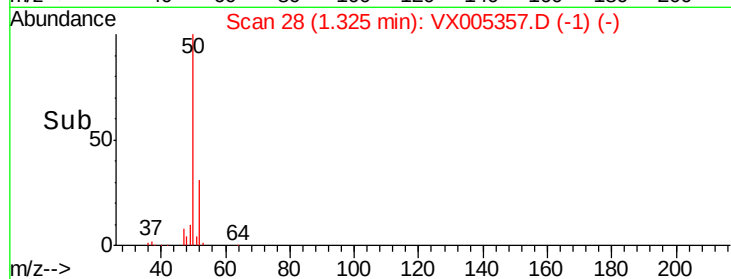
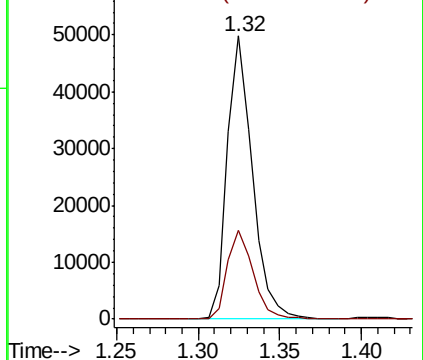
50 100

52 31.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.469 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005357.D

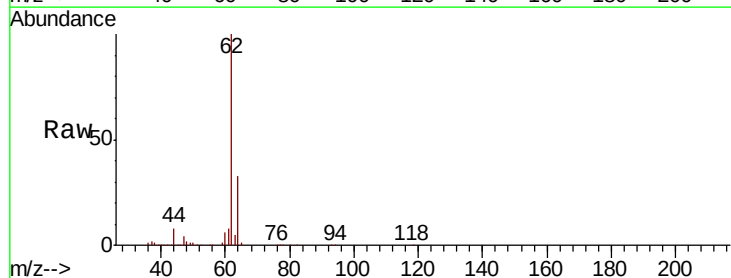
Acq: 16 Oct 2018 09:13

Tgt Ion: 62 Resp: 54744

Ion Ratio Lower Upper

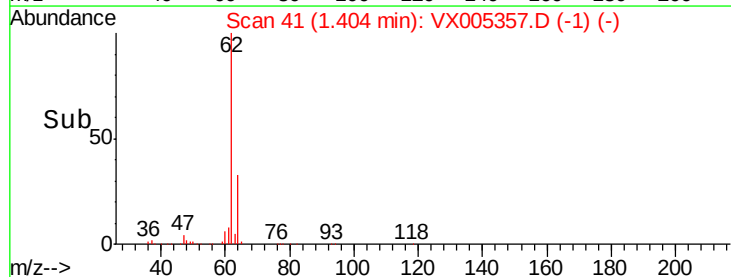
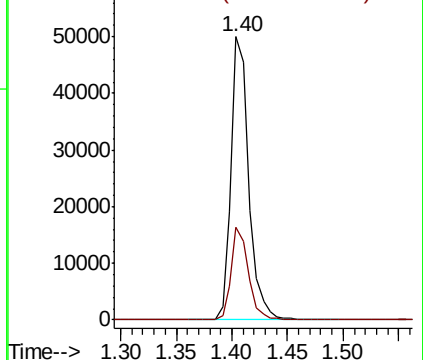
62 100

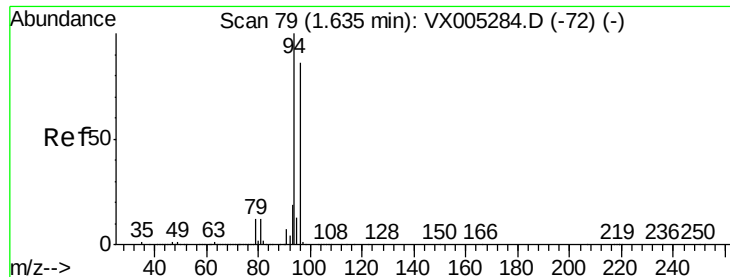
64 32.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.662 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

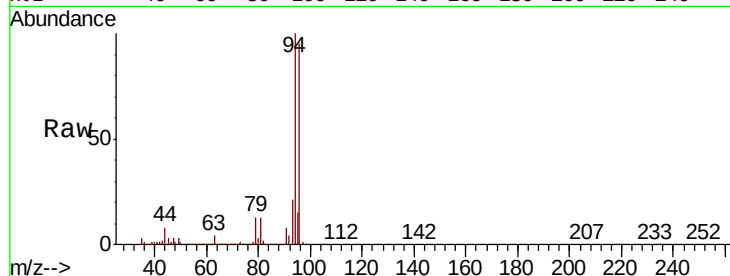
VX1016WBS01

Tgt Ion: 94 Resp: 34009

Ion Ratio Lower Upper

94 100

96 95.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

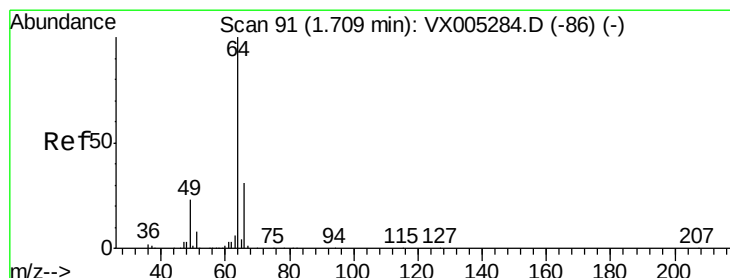
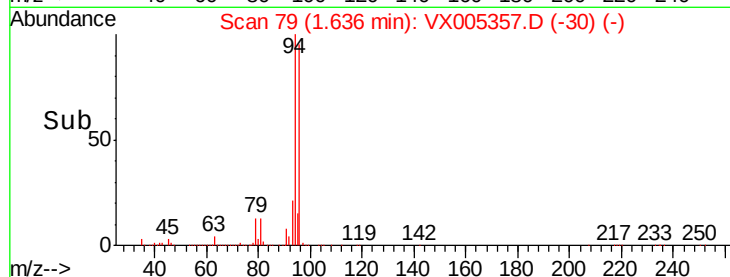
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.452 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005357.D

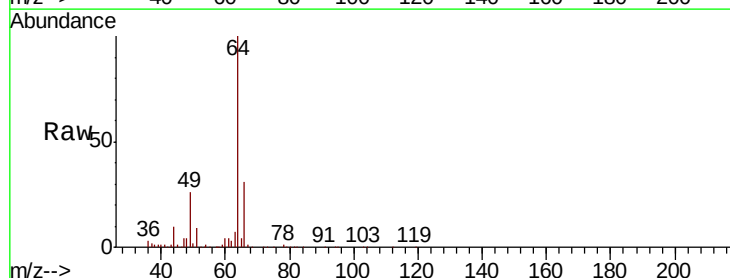
Acq: 16 Oct 2018 09:13

Tgt Ion: 64 Resp: 33983

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

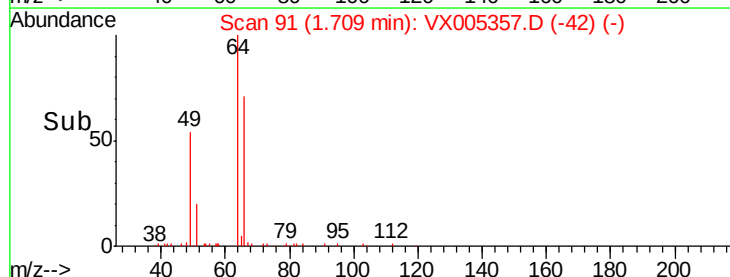
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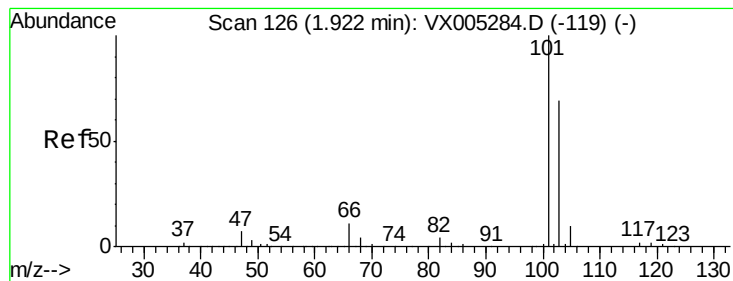
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



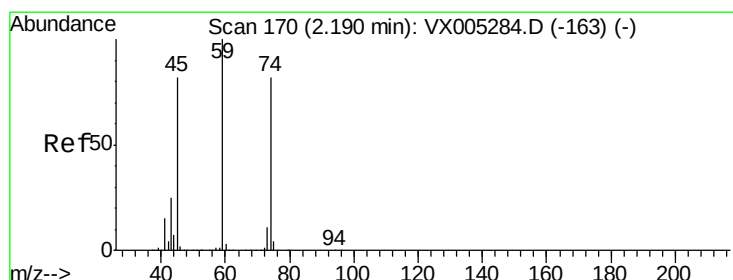
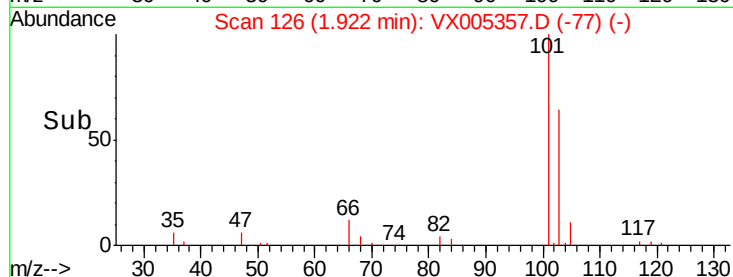
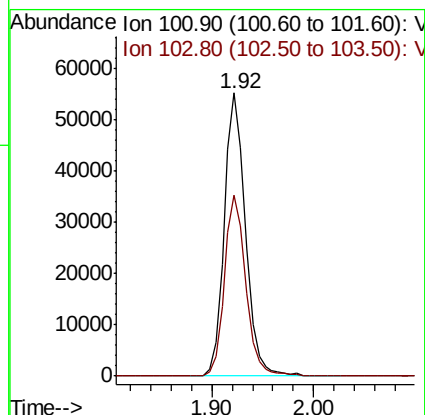
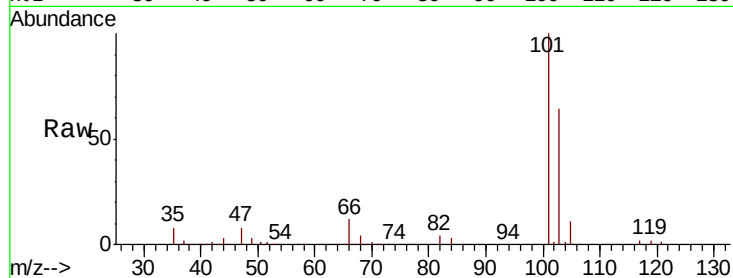


#7

Trichlorofluoromethane
 Concen: 20.236 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

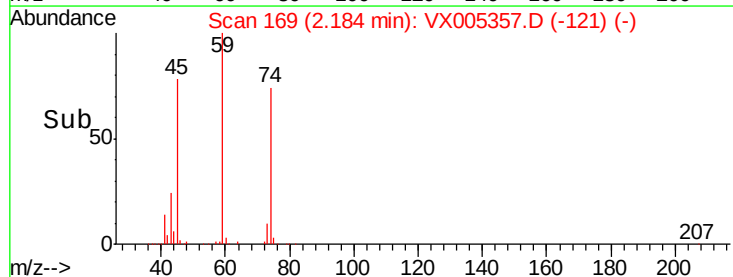
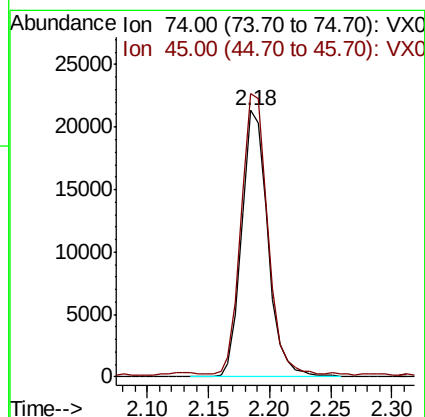
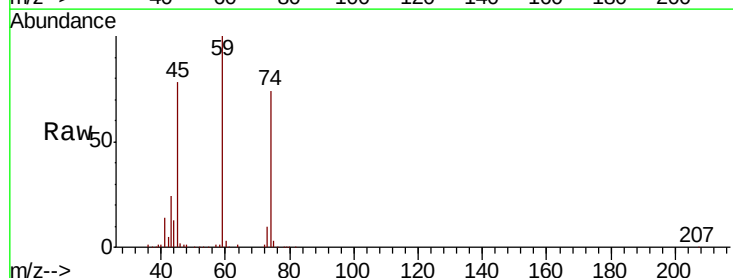
Tgt Ion:101 Resp: 80046
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.9 73.3

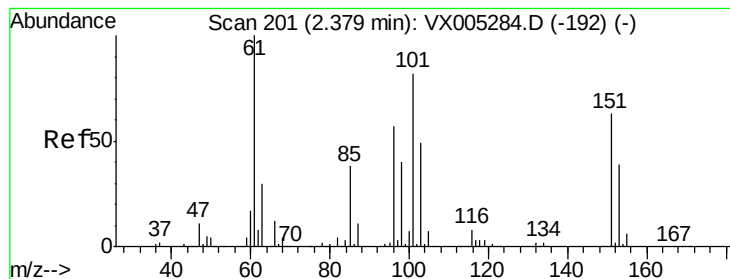


#8

Diethyl Ether
 Concen: 18.706 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 74 Resp: 31598
 Ion Ratio Lower Upper
 74 100
 45 106.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.047 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

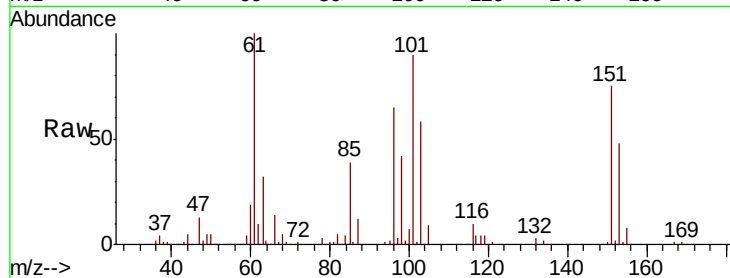
Tgt Ion:101 Resp: 48052

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.4

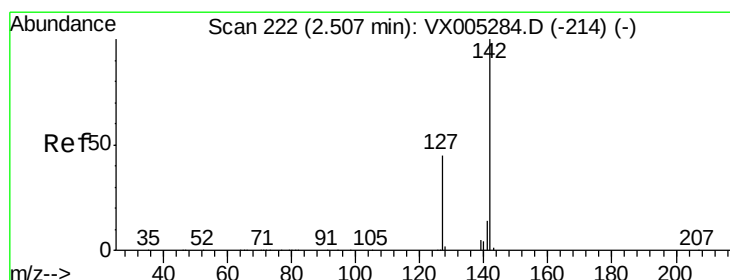
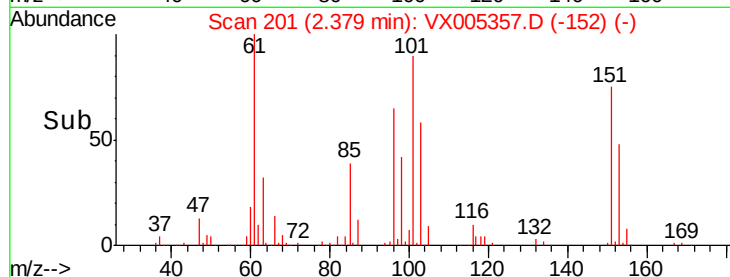
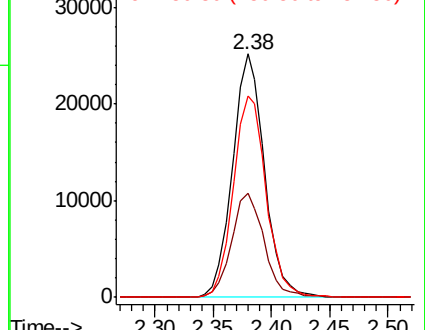
151 85.1 65.0 97.6



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: 20.372 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

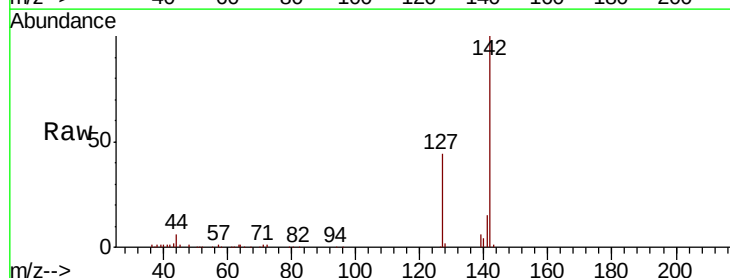
Tgt Ion:142 Resp: 47114

Ion Ratio Lower Upper

142 100

127 43.8 33.8 50.6

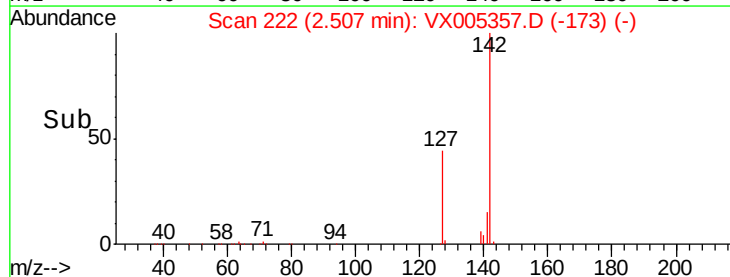
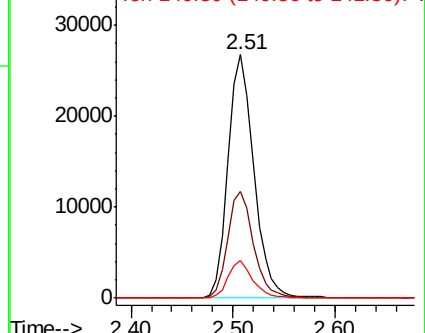
141 14.6 11.4 17.0

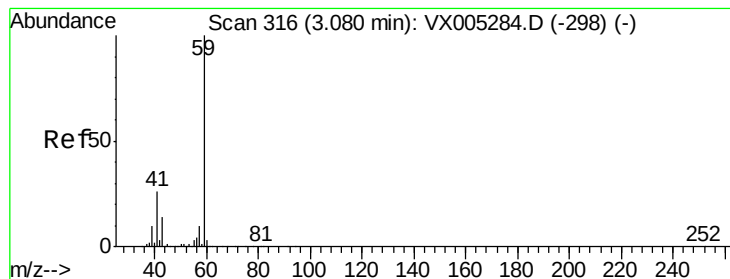


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



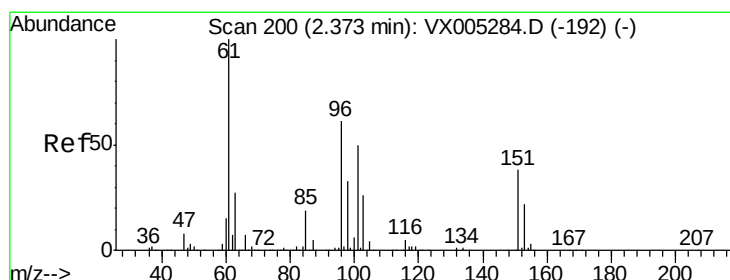
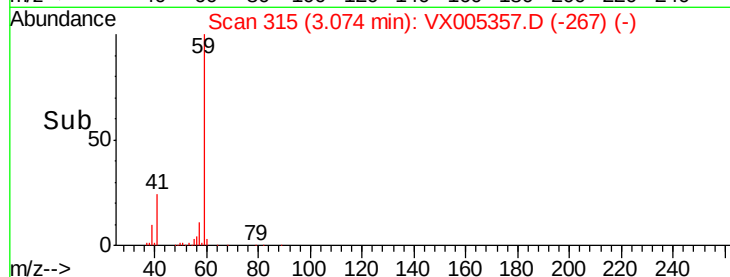
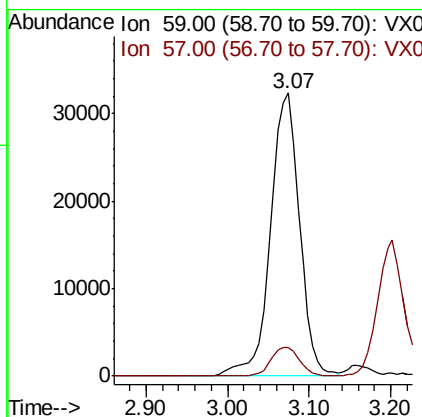
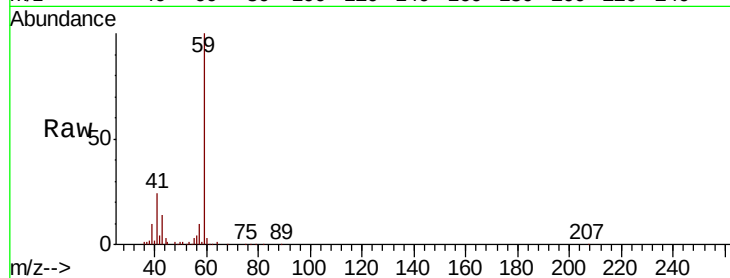


#11

Tert butyl alcohol
 Concen: 98.696 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX1016WBS01

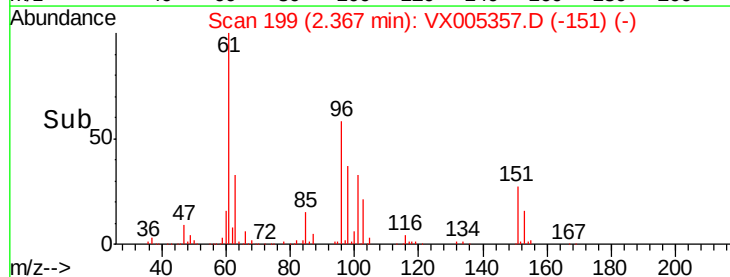
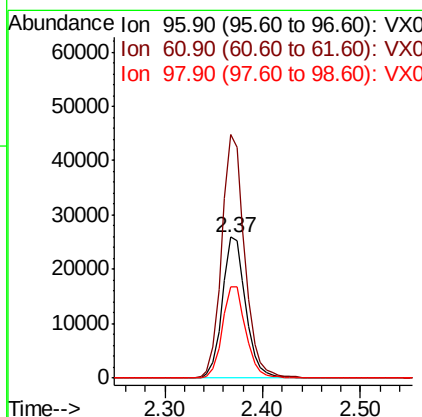
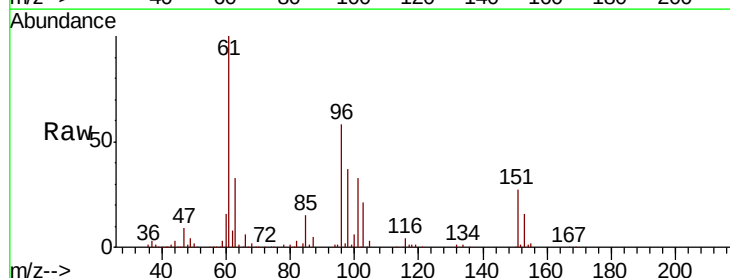
Tgt Ion: 59 Resp: 79804
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

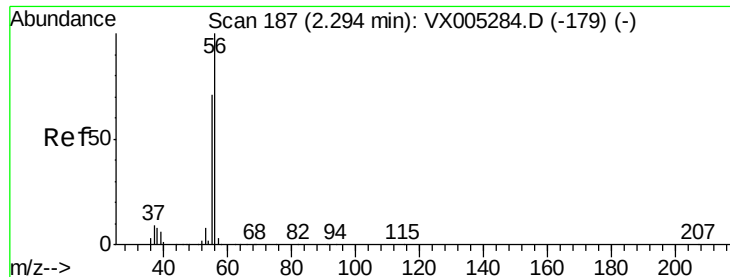


#12

1,1-Dichloroethene
 Concen: 19.151 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 96 Resp: 43322
 Ion Ratio Lower Upper
 96 100
 61 173.1 128.8 193.2
 98 64.7 52.2 78.2





#13

Acrolein

Concen: 62.931 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

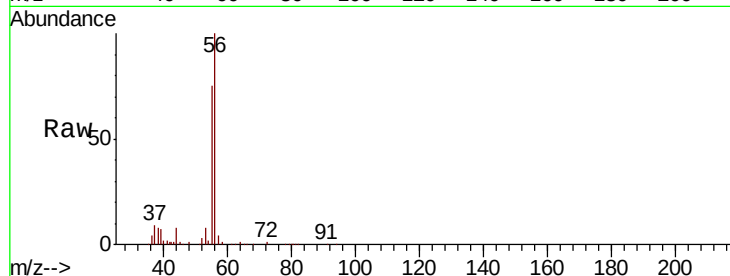
VX1016WBS01

Tgt Ion: 56 Resp: 33306

Ion Ratio Lower Upper

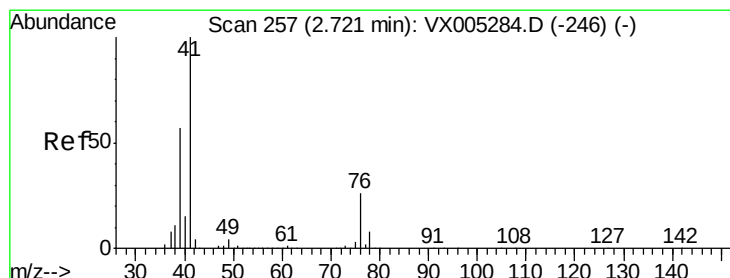
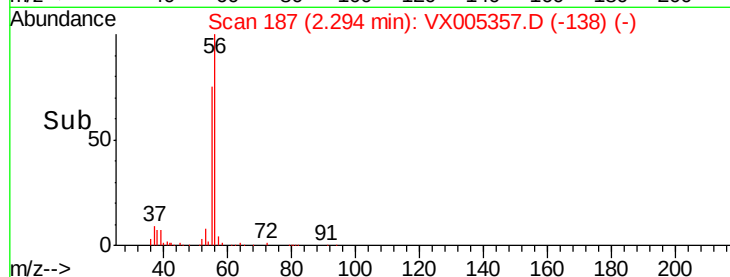
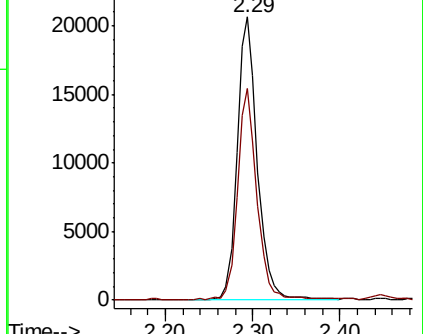
56 100

55 70.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.017 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

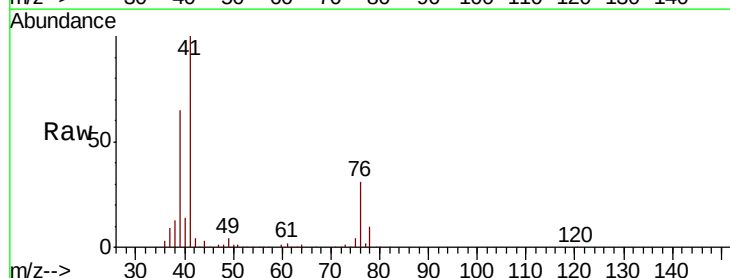
Tgt Ion: 41 Resp: 94446

Ion Ratio Lower Upper

41 100

39 59.6 48.9 73.3

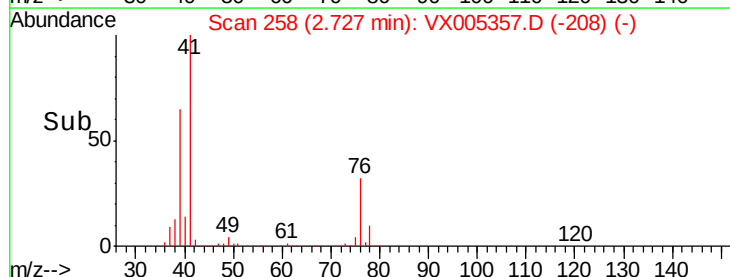
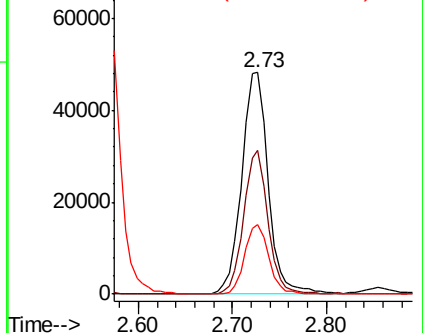
76 29.2 26.7 40.1

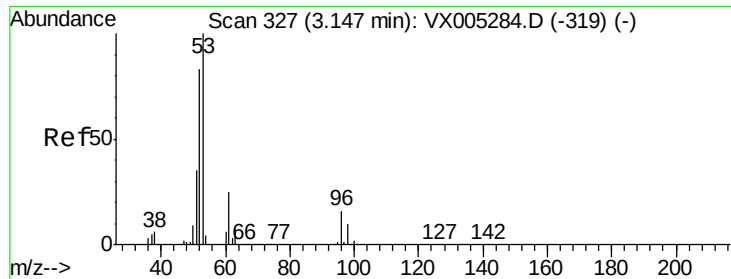


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 92.018 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

VX1016WBS01

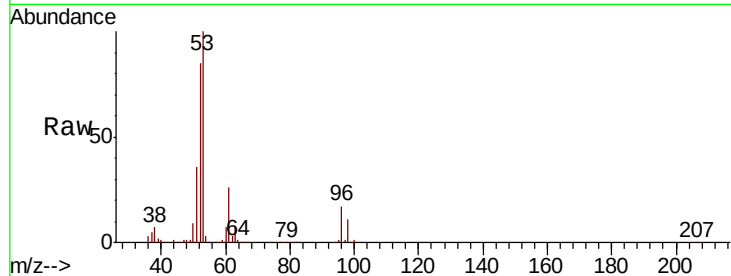
Tgt Ion: 53 Resp: 168606

Ion Ratio Lower Upper

53 100

52 83.3 65.2 97.8

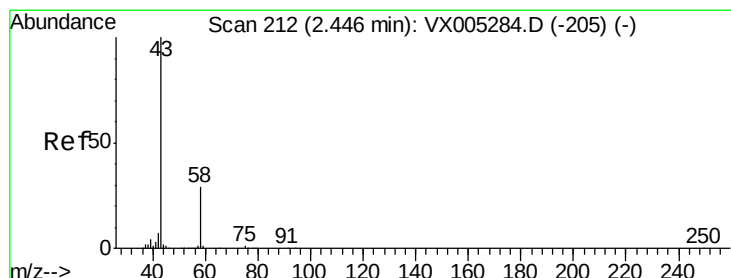
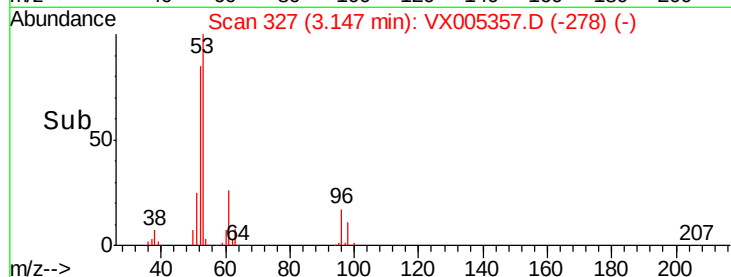
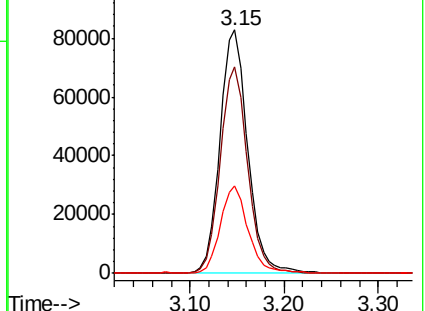
51 36.2 28.2 42.2



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: 94.327 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005357.D

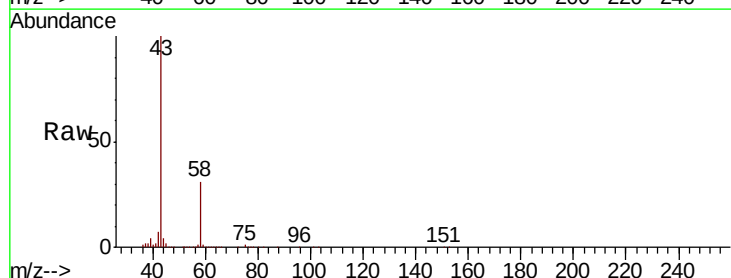
Acq: 16 Oct 2018 09:13

Tgt Ion: 43 Resp: 156334

Ion Ratio Lower Upper

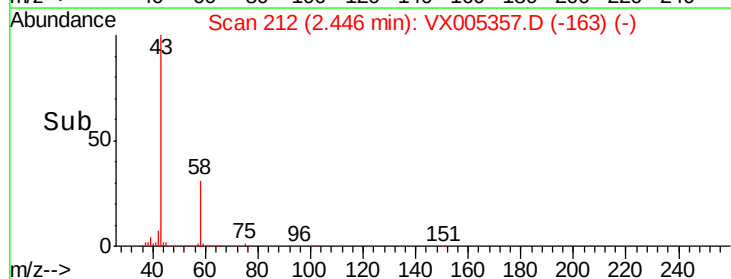
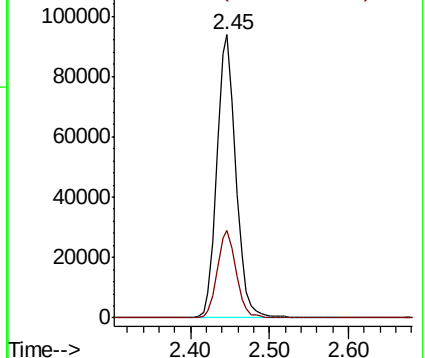
43 100

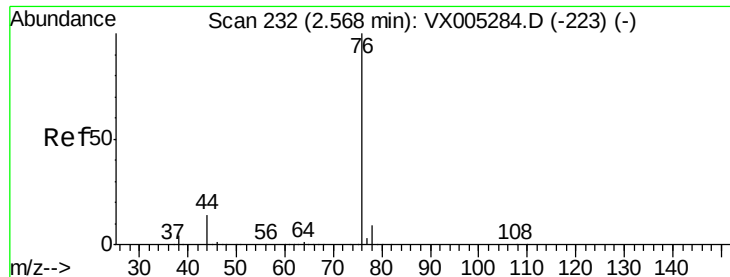
58 31.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

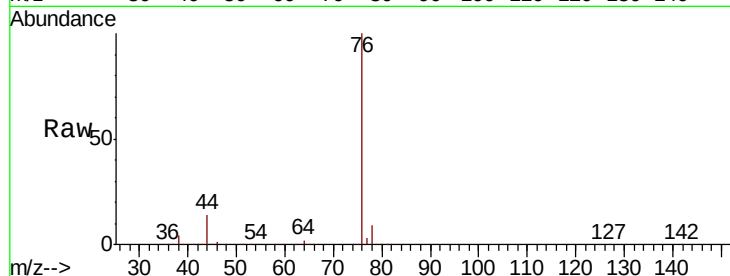




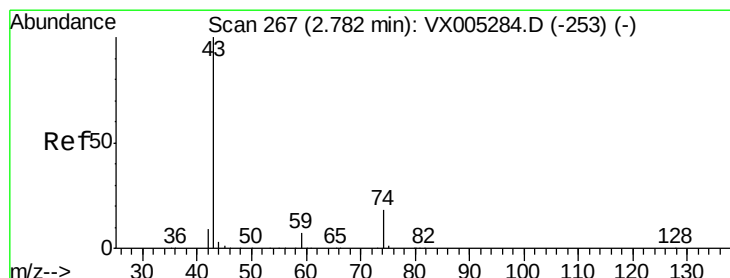
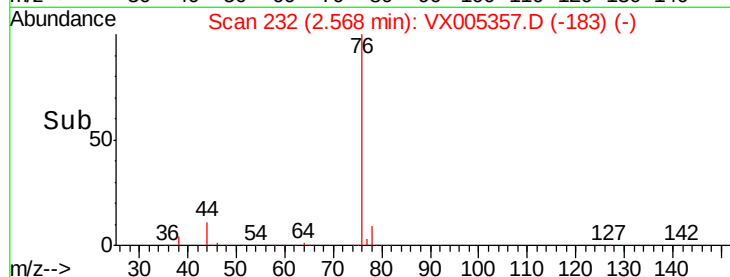
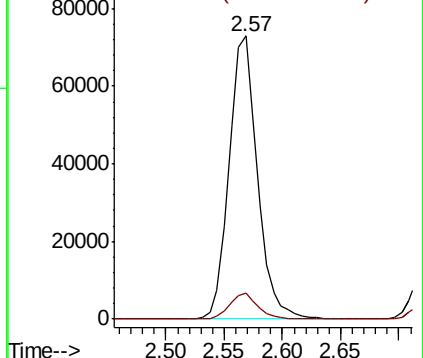
#17
Carbon Disulfide
Concen: 18.072 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 76 Resp: 123836
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

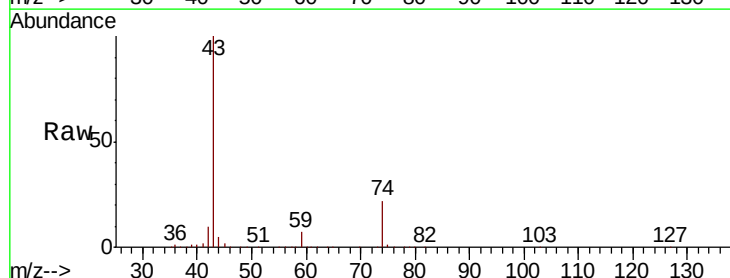


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

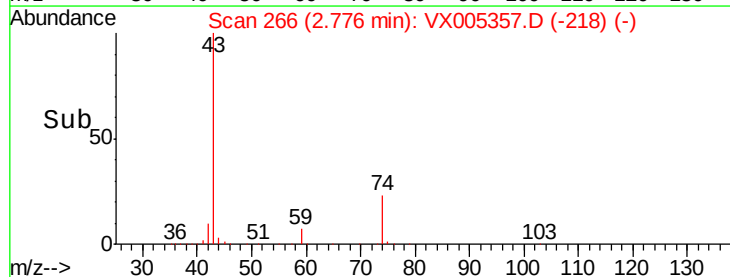
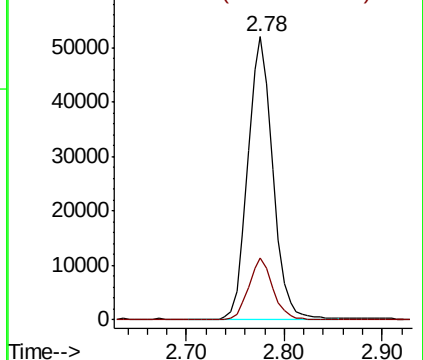


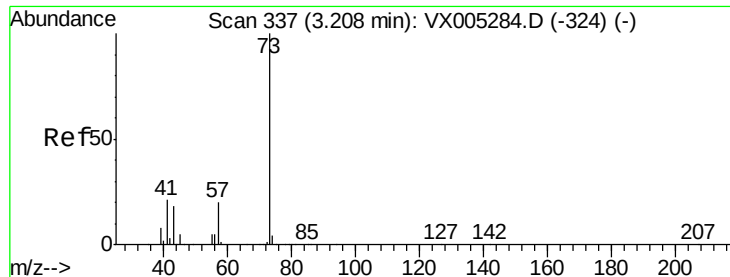
#18
Methyl Acetate
Concen: 19.457 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 43 Resp: 91744
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.843 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

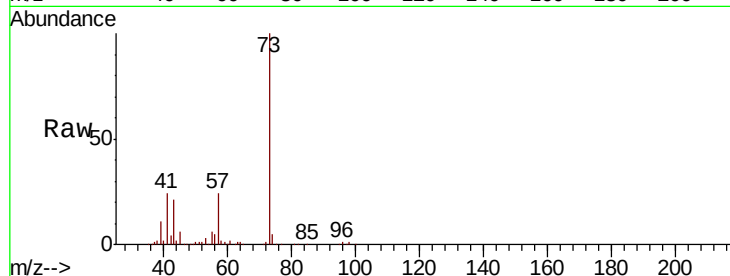
VX1016WBS01

Tgt Ion: 73 Resp: 158087

Ion Ratio Lower Upper

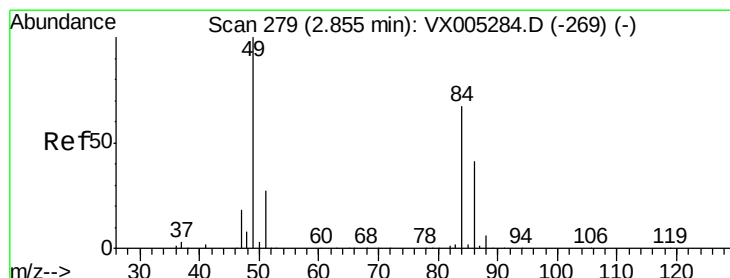
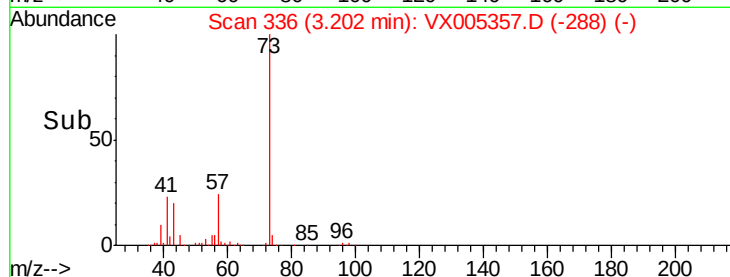
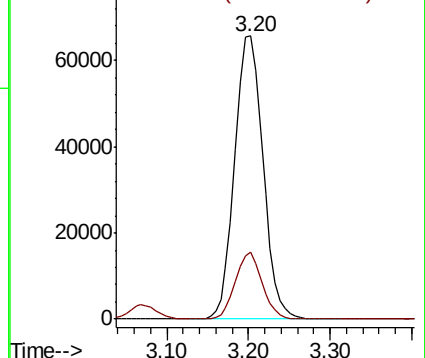
73 100

57 23.7 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 20.367 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Tgt Ion: 84 Resp: 51058

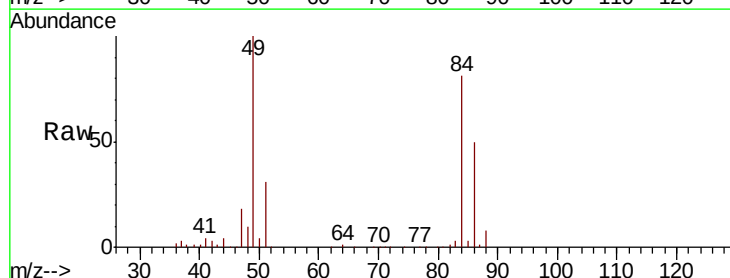
Ion Ratio Lower Upper

84 100

49 124.1 101.2 151.8

51 38.1 29.5 44.3

86 62.1 52.3 78.5

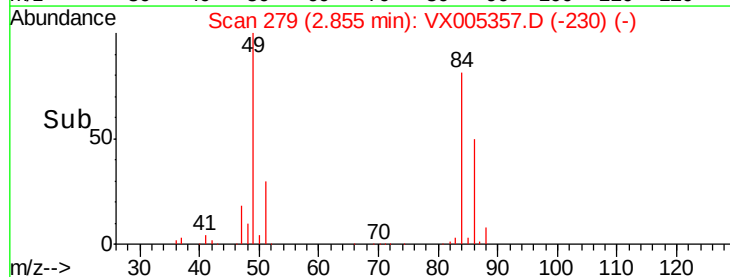
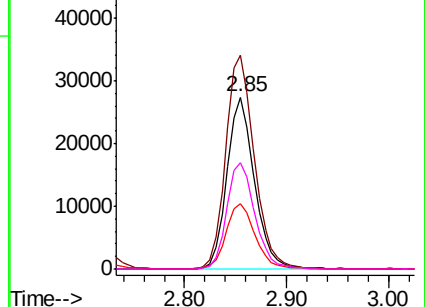


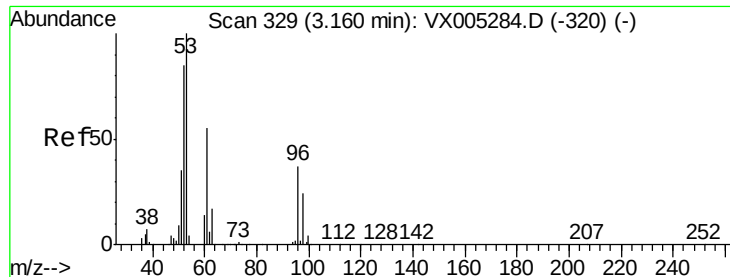
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.891 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

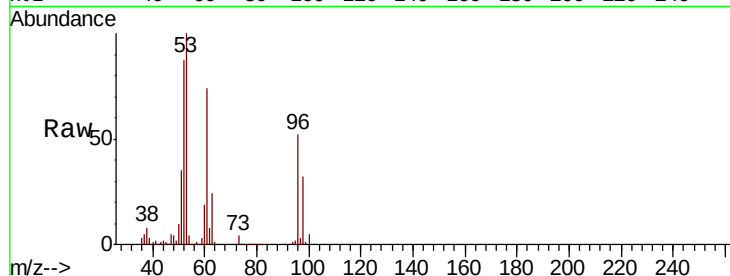
Tgt Ion: 96 Resp: 47357

Ion Ratio Lower Upper

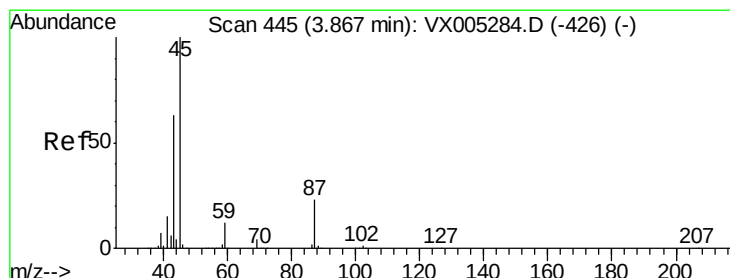
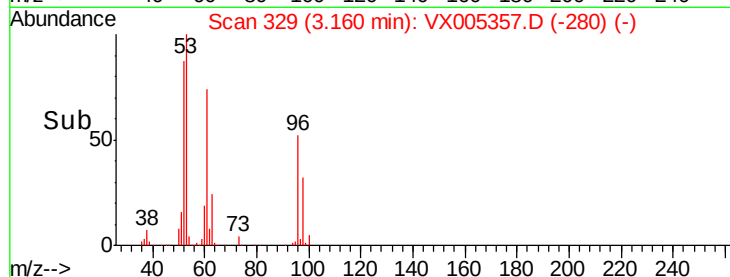
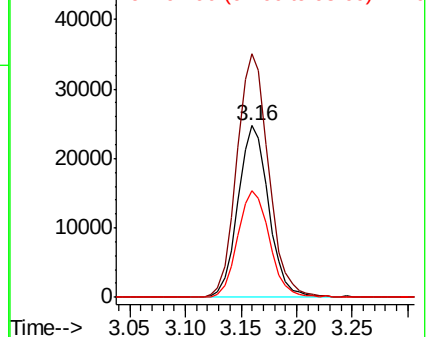
96 100

61 141.6 113.8 170.6

98 62.0 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.771 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Tgt Ion: 45 Resp: 164924

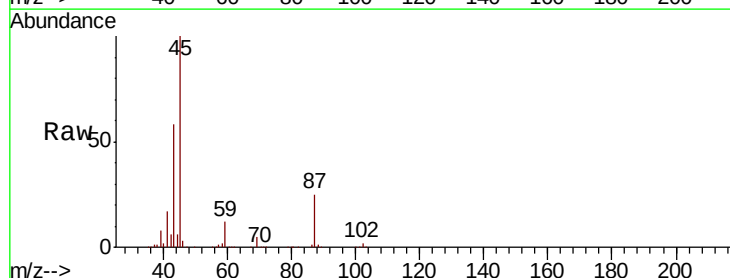
Ion Ratio Lower Upper

45 100

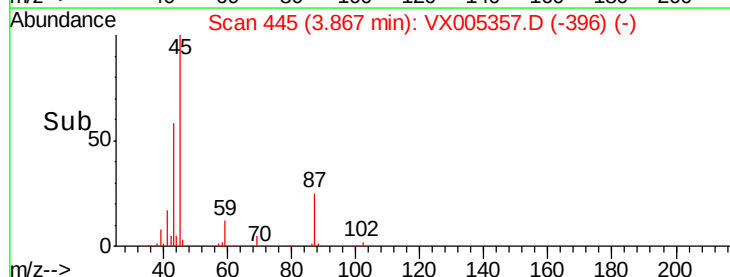
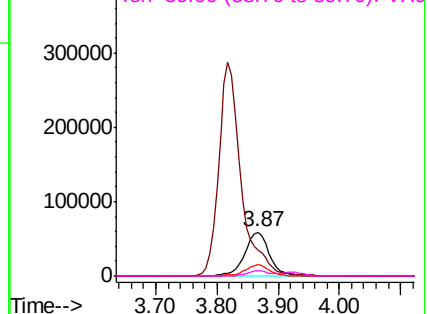
43 58.2 42.8 64.2

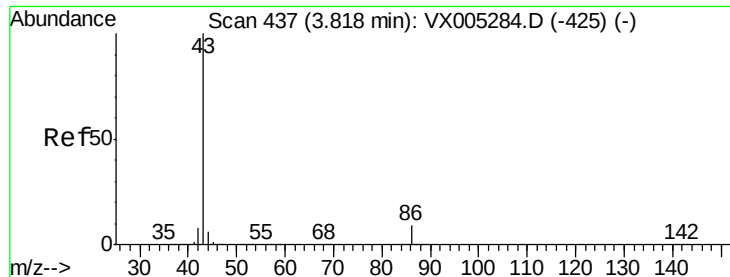
87 24.8 22.6 34.0

59 11.8 9.6 14.4



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





#23

Vinyl Acetate

Concen: 101.151 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

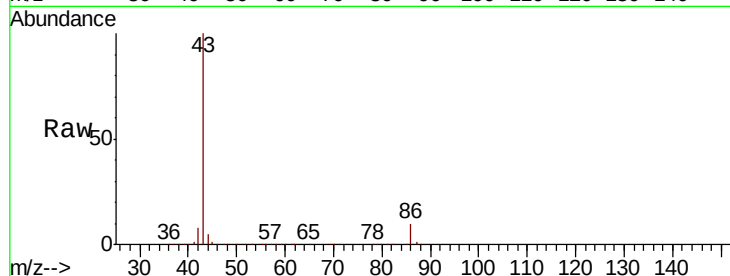
VX1016WBS01

Tgt Ion: 43 Resp: 737489

Ion Ratio Lower Upper

43 100

86 9.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

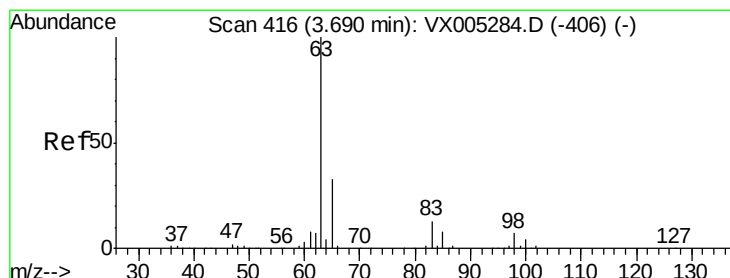
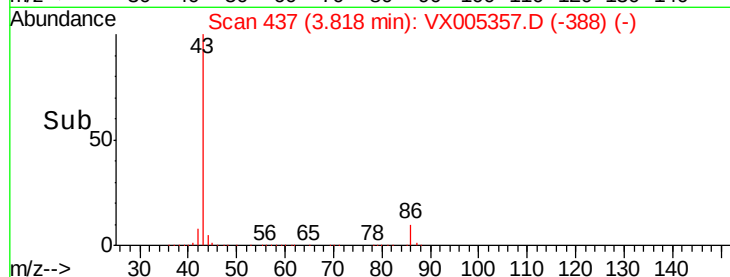
200000

100000

0

Time-->

3.70 3.80 3.90 4.00 4.10



#24

1,1-Dichloroethane

Concen: 19.516 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

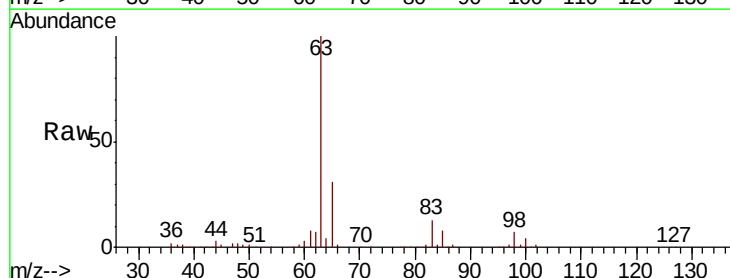
Tgt Ion: 63 Resp: 93301

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 3.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

50000

40000

30000

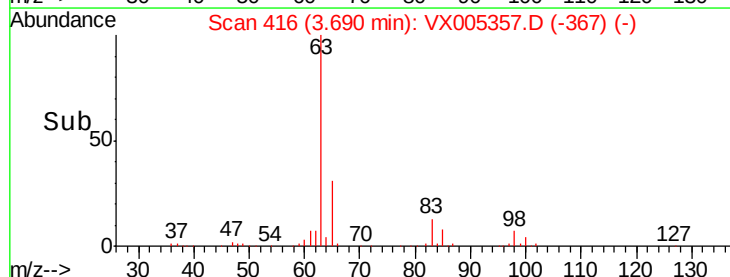
20000

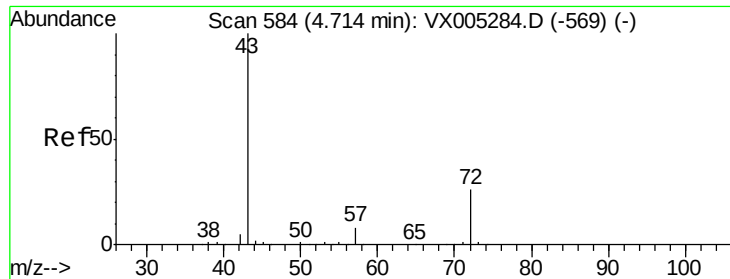
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 88.811 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

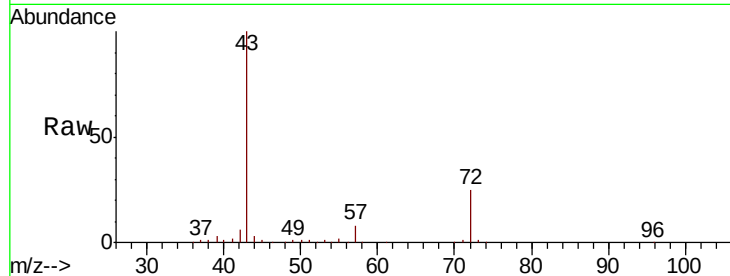
VX1016WBS01

Tgt Ion: 43 Resp: 215359

Ion Ratio Lower Upper

43 100

72 25.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

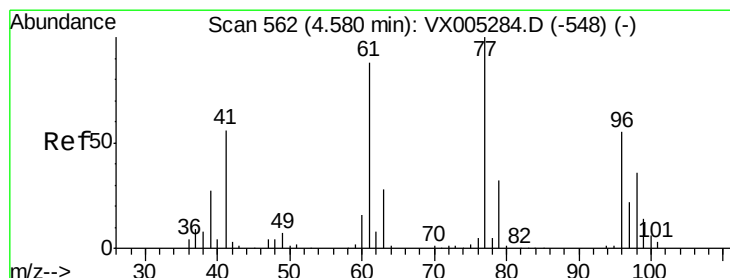
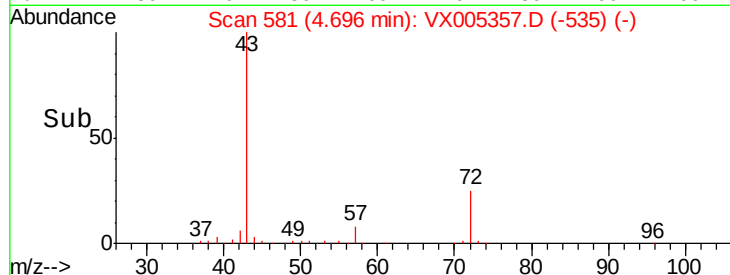
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.487 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005357.D

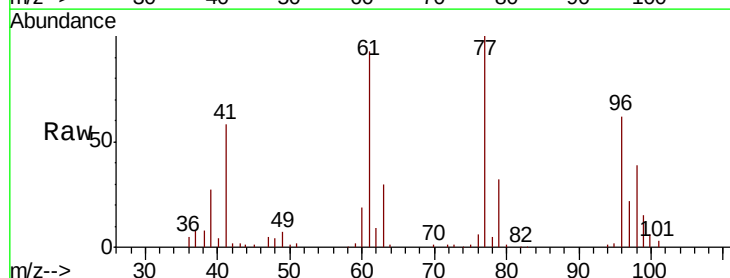
Acq: 16 Oct 2018 09:13

Tgt Ion: 77 Resp: 69675

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

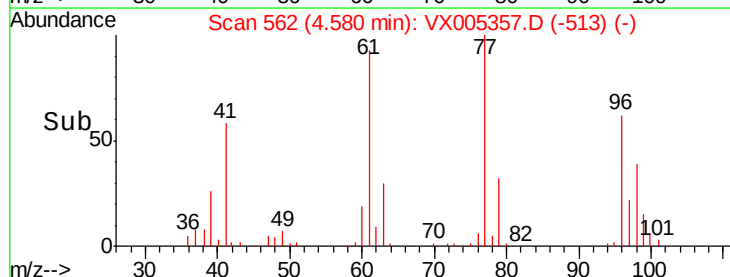
10000

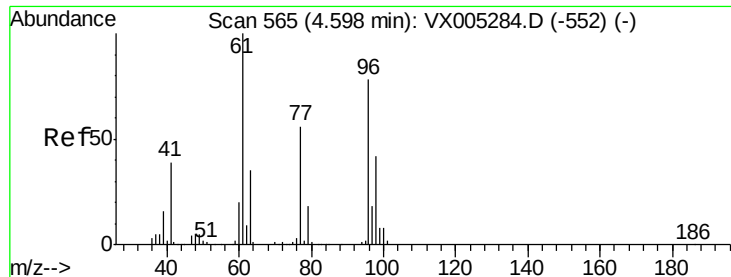
5000

0

4.40 4.50 4.60 4.70

Time-->



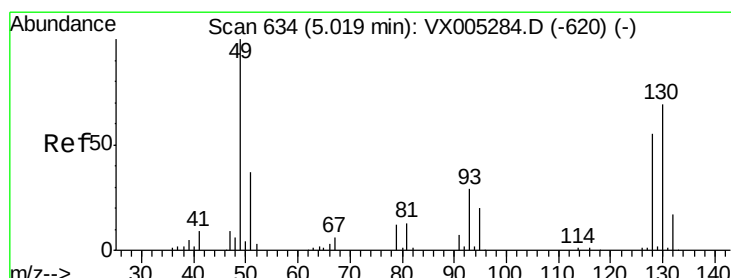
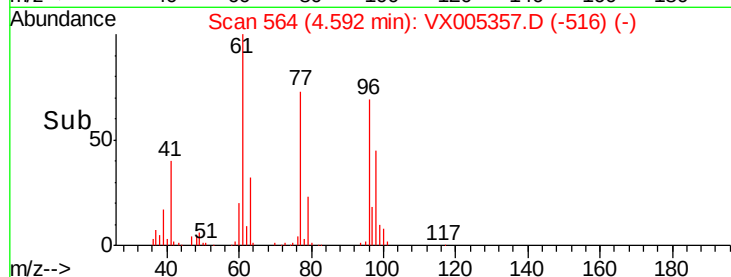
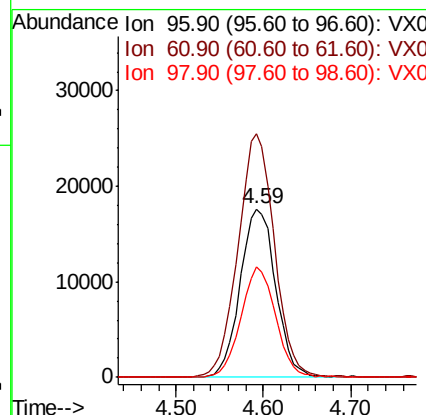
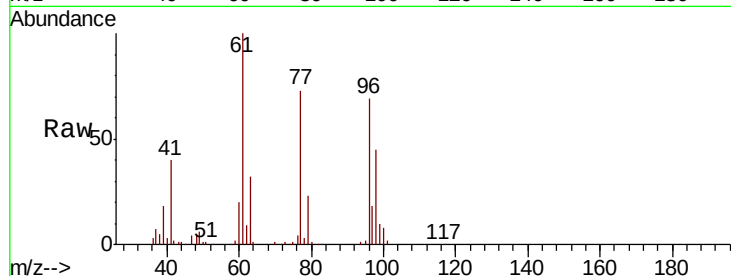


#27

cis-1,2-Dichloroethene
 Concen: 18.275 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

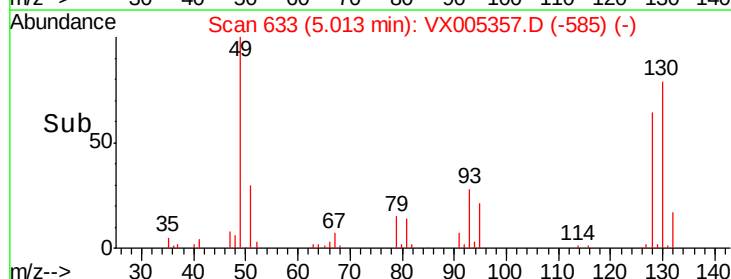
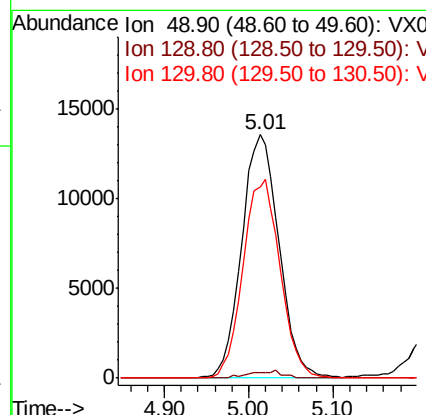
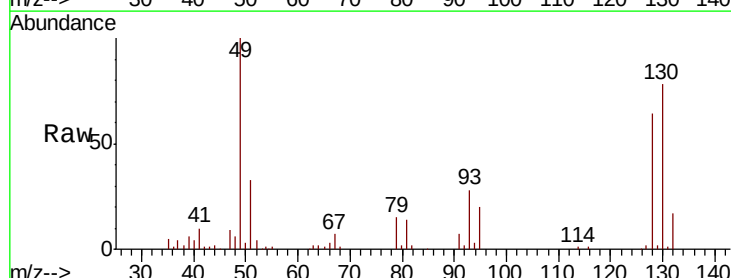
Tgt Ion: 96 Resp: 49788
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 282.6
 98 64.2 0.0 130.2

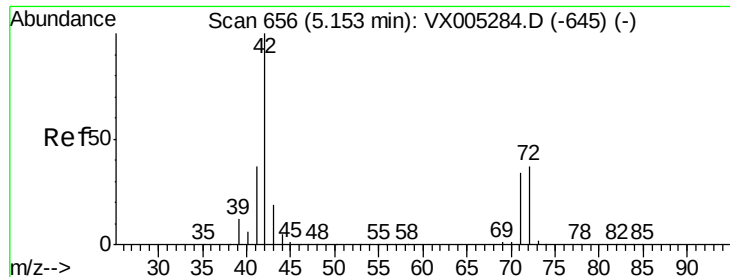


#28

Bromochloromethane
 Concen: 18.724 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 49 Resp: 40808
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 81.1 67.5 101.3

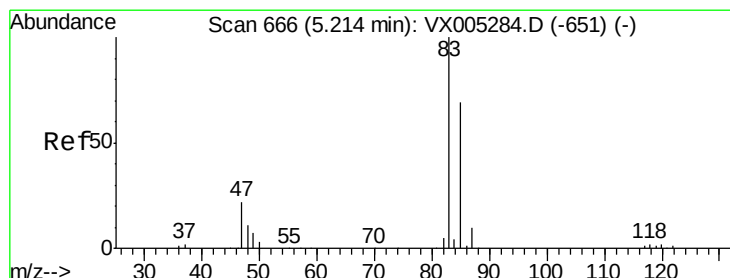
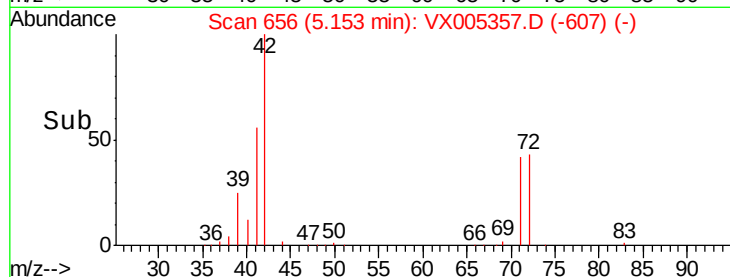
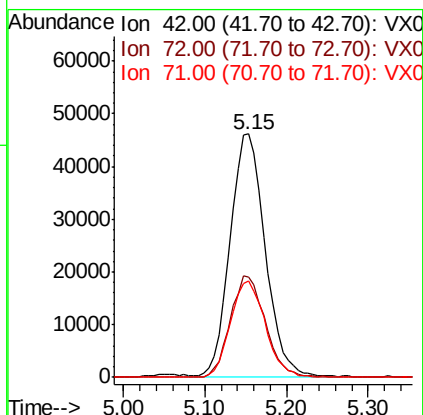
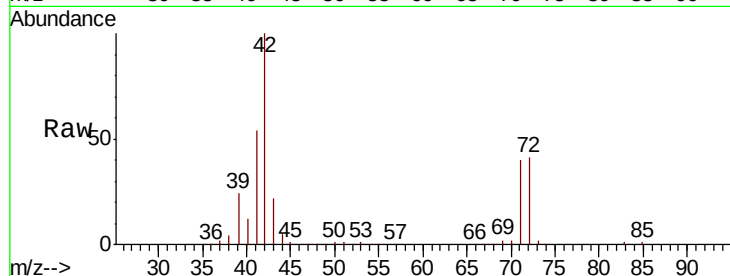




#29
Tetrahydrofuran
Concen: 88.340 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

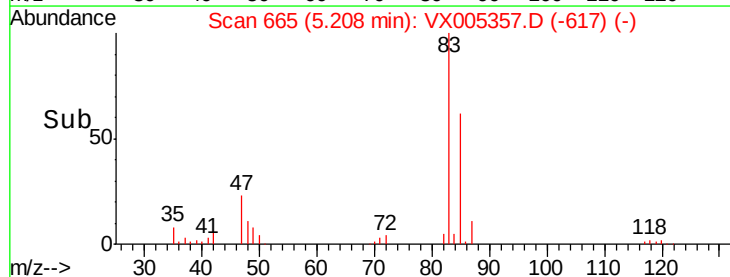
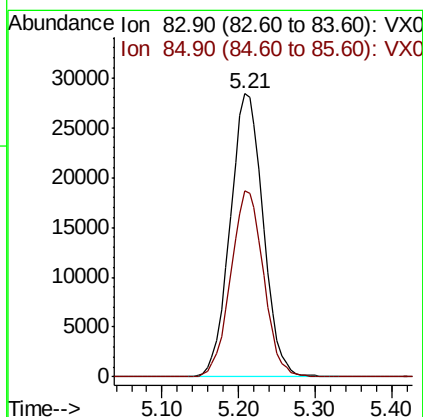
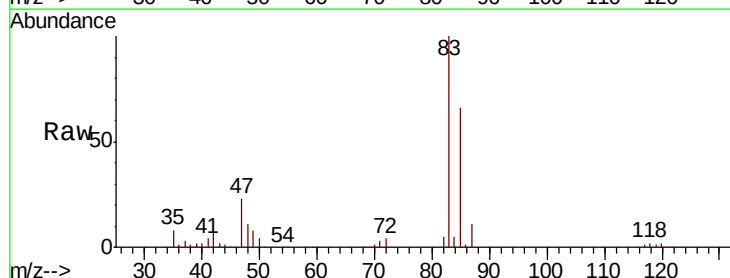
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

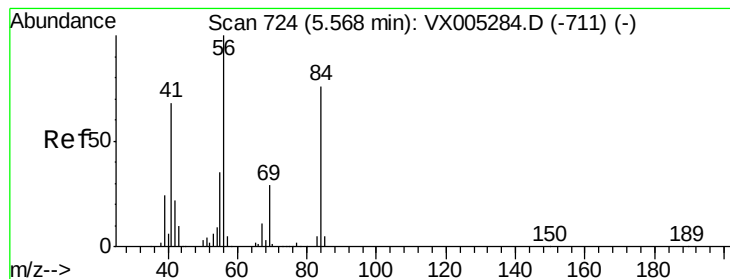
Tgt Ion: 42 Resp: 136643
Ion Ratio Lower Upper
42 100
72 42.1 37.4 56.0
71 39.8 34.5 51.7



#30
Chloroform
Concen: 19.117 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 83 Resp: 84828
Ion Ratio Lower Upper
83 100
85 65.5 52.6 79.0





#31

Cyclohexane

Concen: 18.337 ug/l

RT: 5.57 min Scan# 724

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

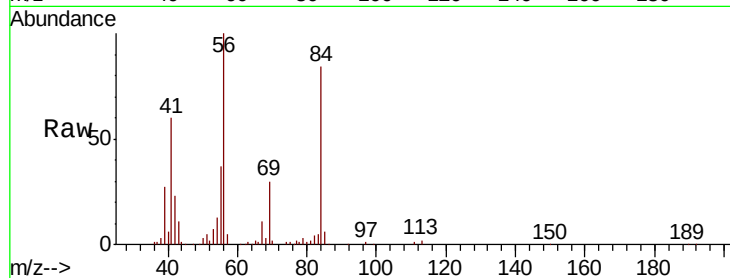
Tgt Ion: 56 Resp: 72255

Ion Ratio Lower Upper

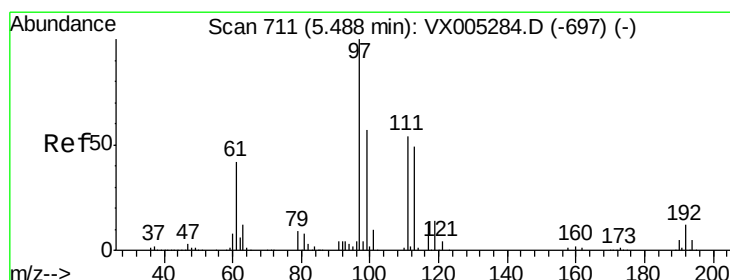
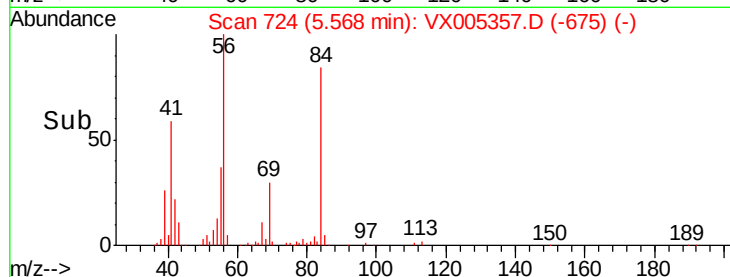
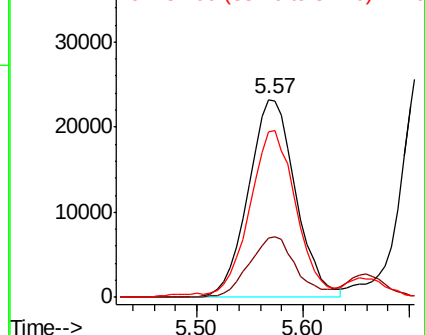
56 100

69 29.7 25.4 38.2

84 82.2 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 19.058 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

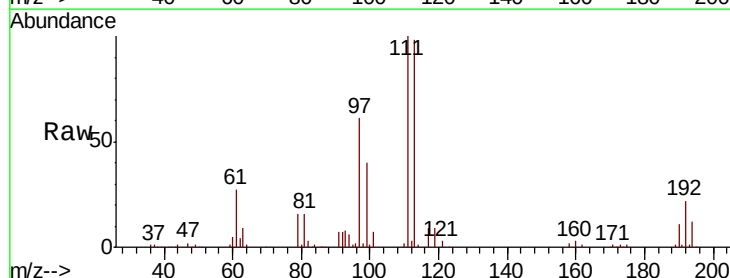
Tgt Ion: 97 Resp: 73585

Ion Ratio Lower Upper

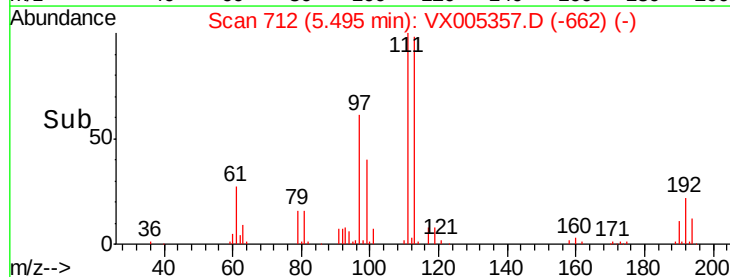
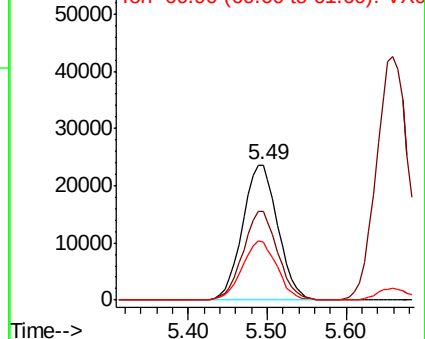
97 100

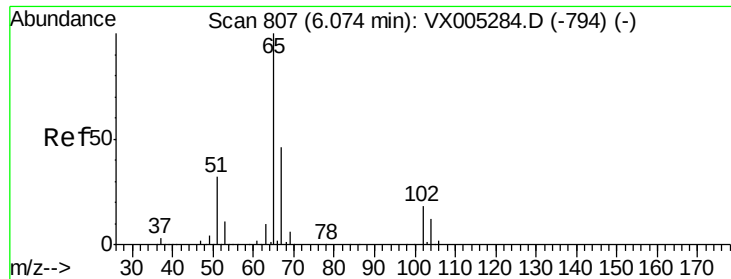
99 64.1 52.0 78.0

61 43.2 34.9 52.3



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

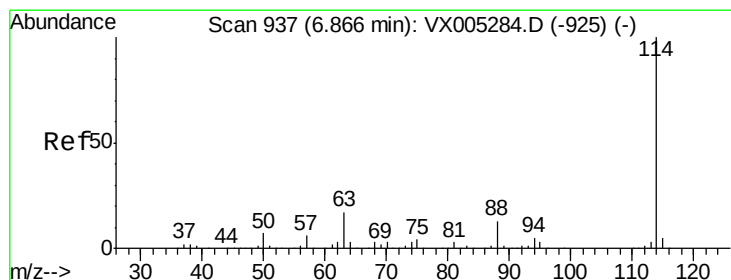
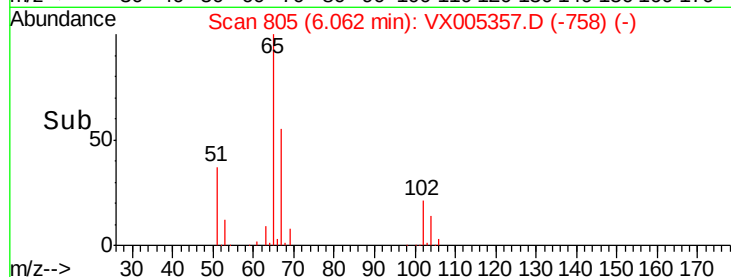
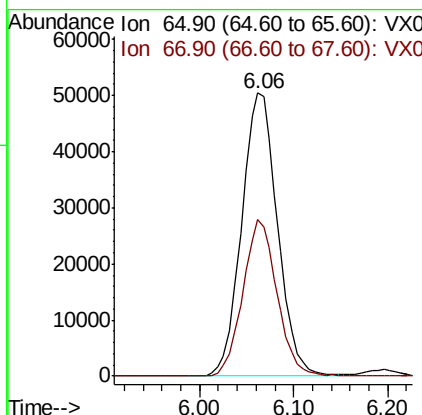
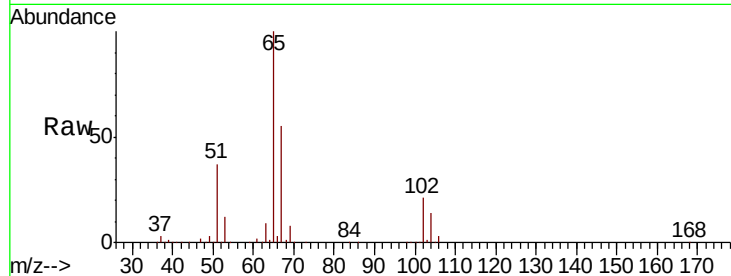




#33
 1,2-Dichloroethane-d4
 Concen: 46.866 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

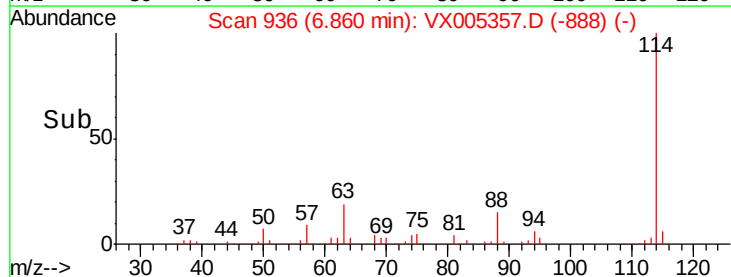
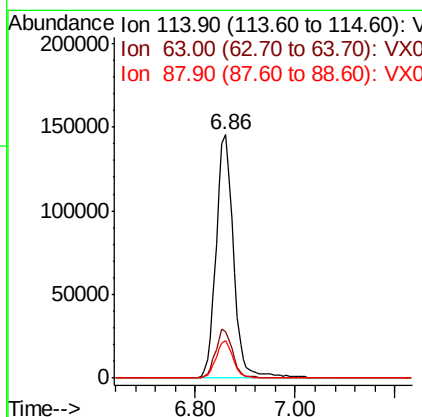
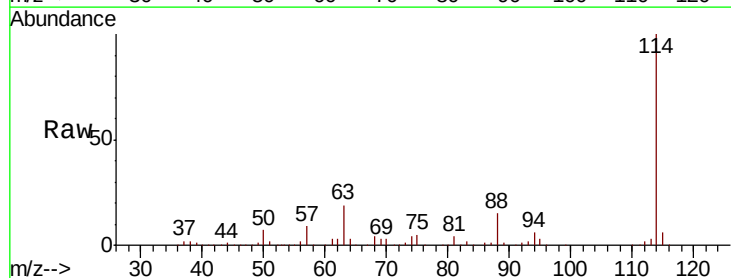
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

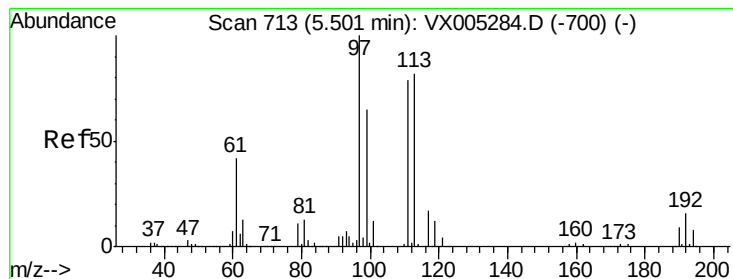
Tgt Ion: 65 Resp: 134340
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 114 Resp: 354706
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.806 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

VX1016WBS01

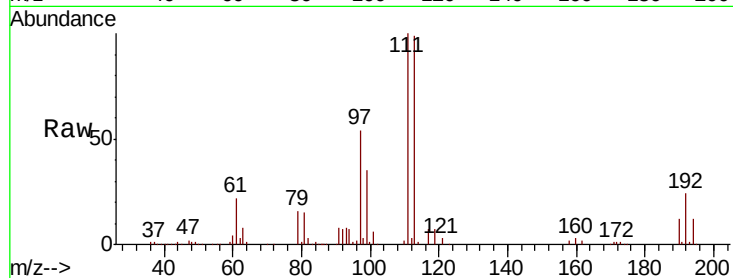
Tgt Ion:113 Resp: 109962

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

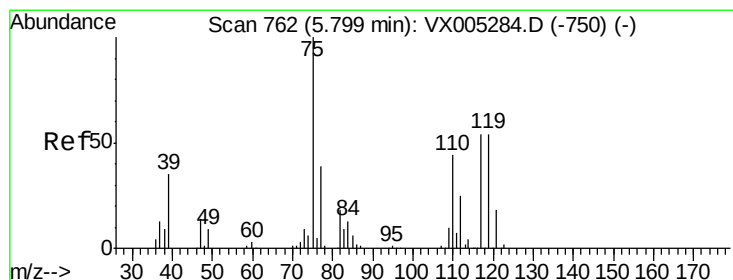
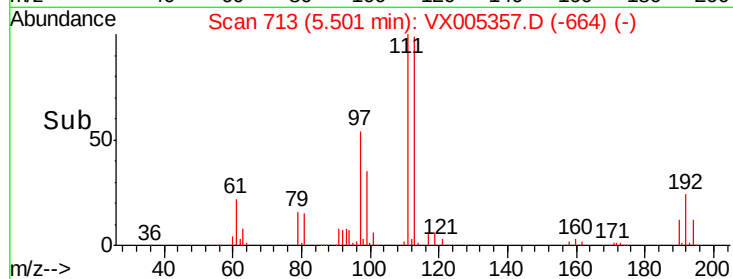
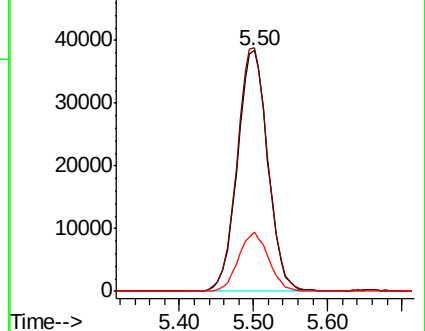
192 24.2 19.4 29.2



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: 18.541 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

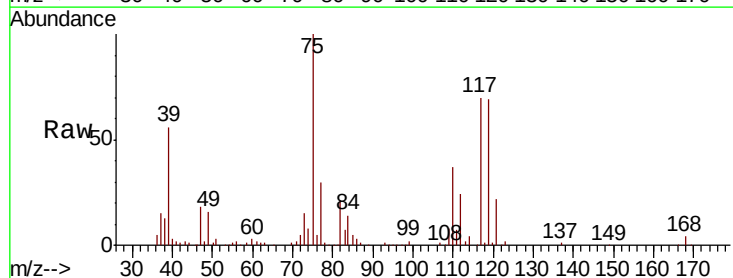
Tgt Ion: 75 Resp: 63693

Ion Ratio Lower Upper

75 100

110 36.1 18.0 54.0

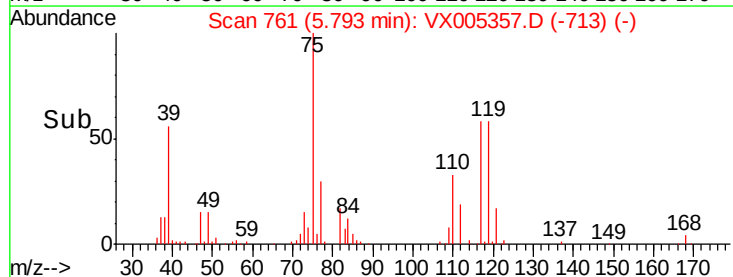
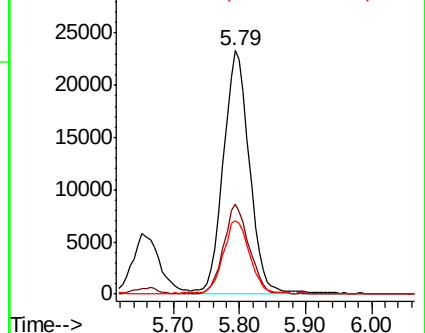
77 30.2 24.6 36.8

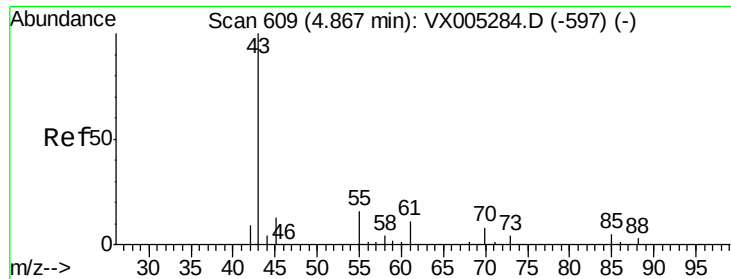


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

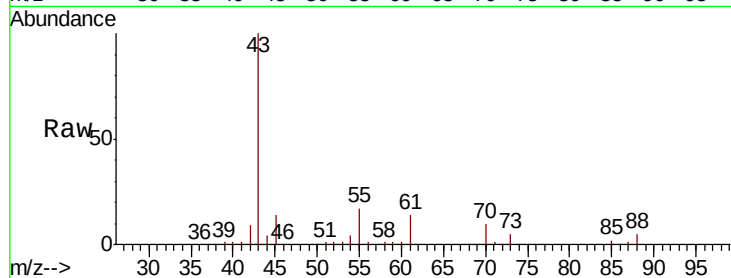




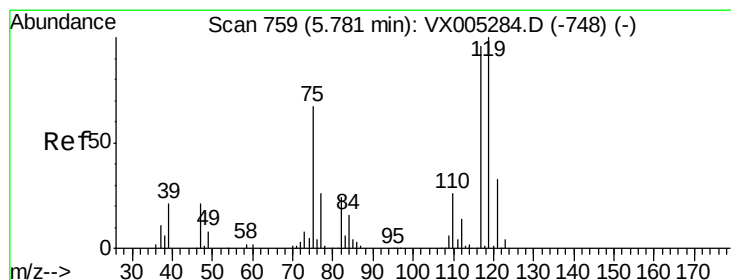
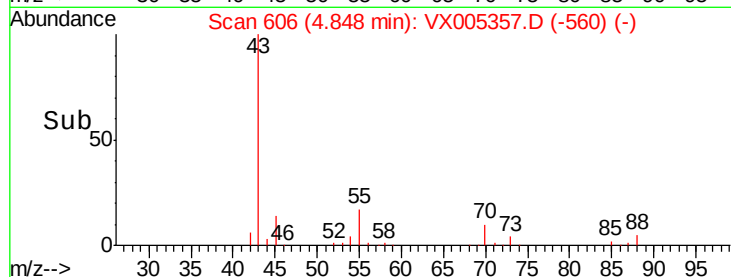
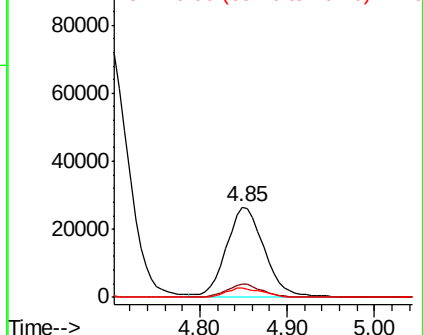
#37
Ethyl Acetate
Concen: 17.808 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.02 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion: 43 Resp: 78675
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 10.3 9.0 13.6

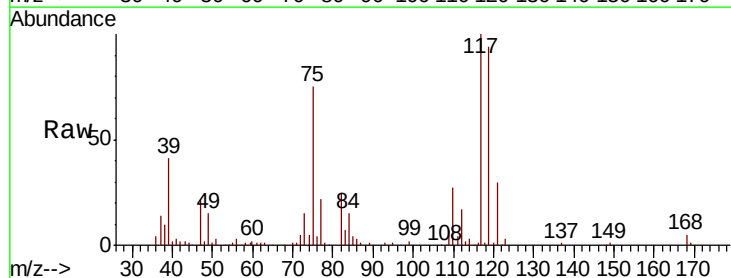


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

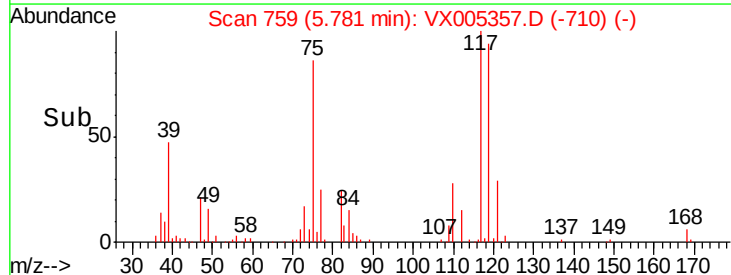
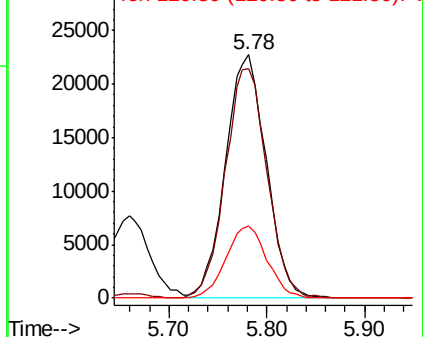


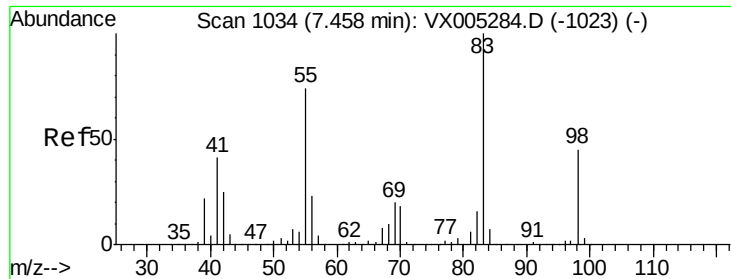
#38
Carbon Tetrachloride
Concen: 19.078 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 117 Resp: 65853
Ion Ratio Lower Upper
117 100
119 93.7 78.8 118.2
121 29.8 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

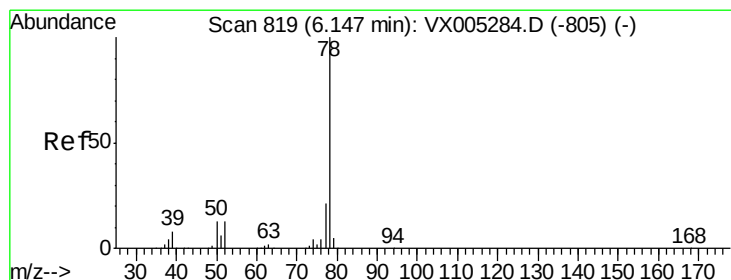
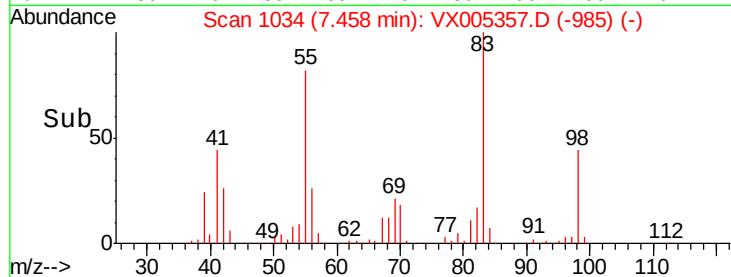
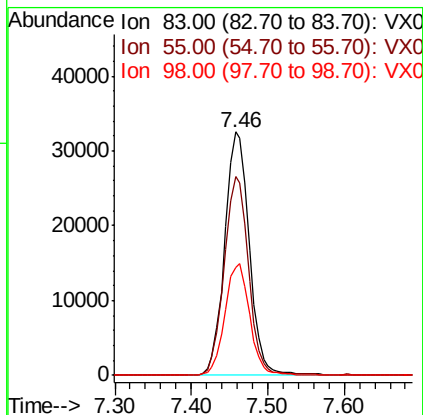
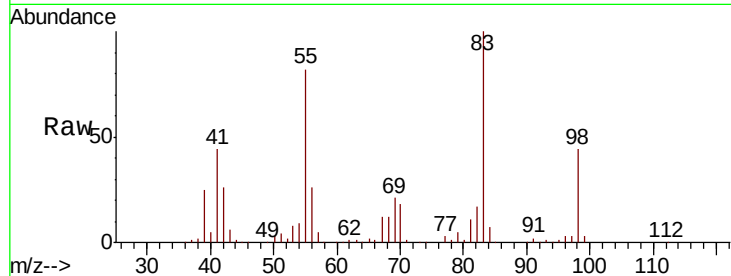




#39
Methylcyclohexane
Concen: 19.507 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

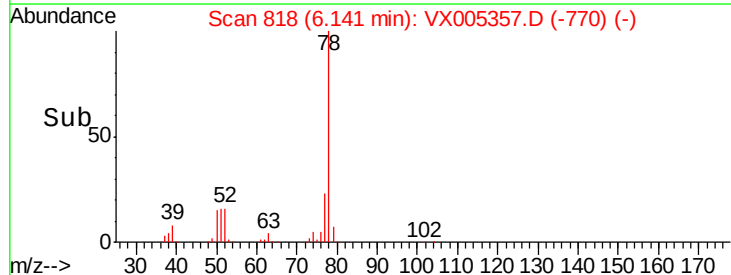
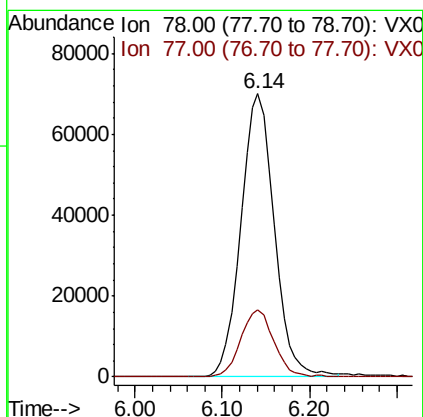
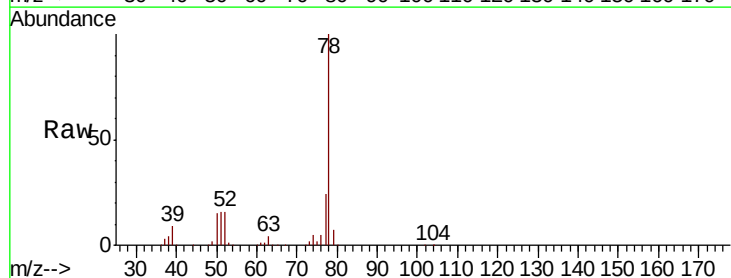
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

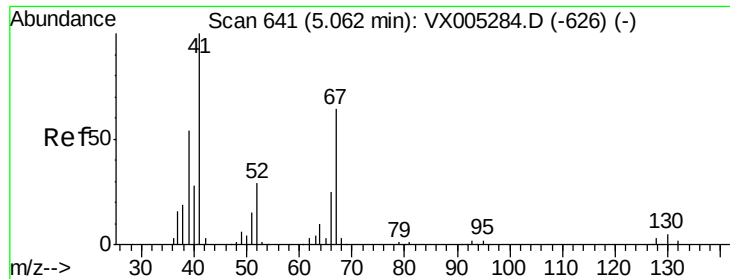
Tgt Ion: 83 Resp: 72526
Ion Ratio Lower Upper
83 100
55 81.7 61.0 91.4
98 44.2 39.6 59.4



#40
Benzene
Concen: 18.038 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 78 Resp: 185886
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

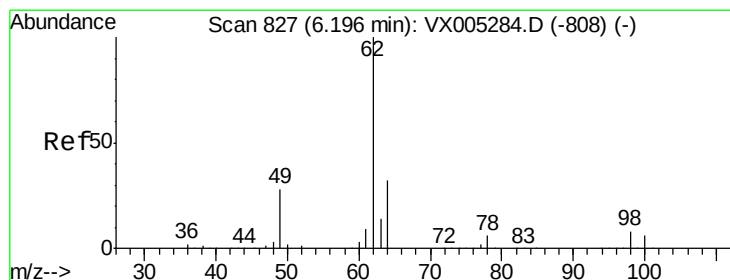
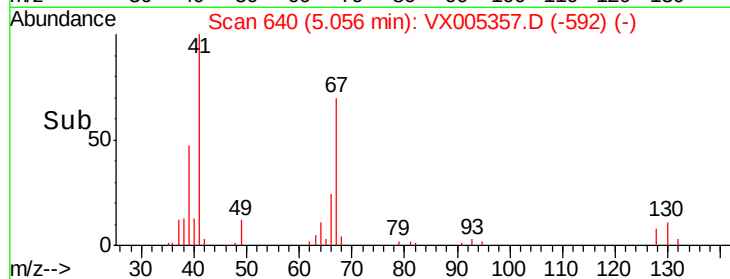
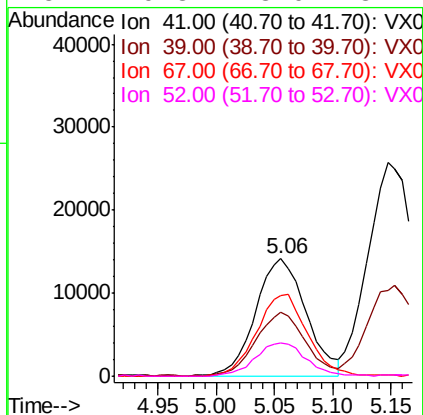
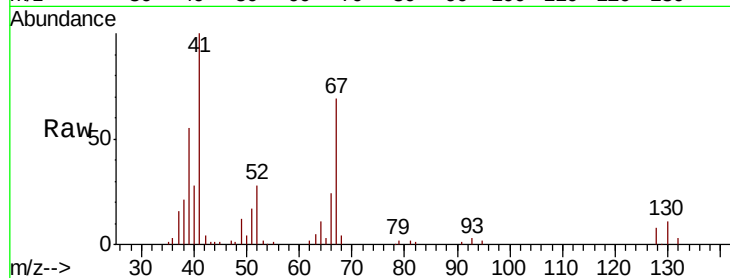




#41
Methacrylonitrile
Concen: 17.877 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

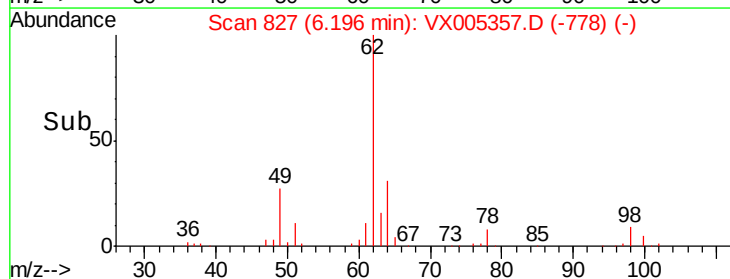
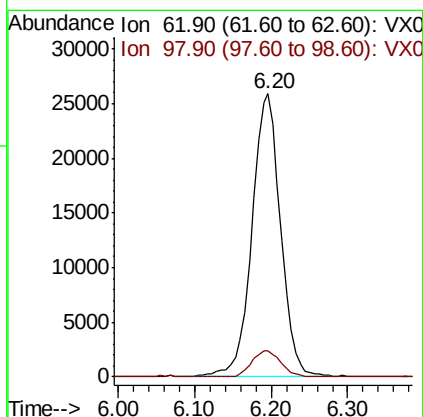
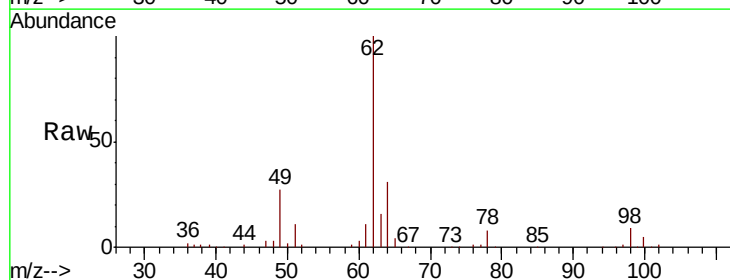
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

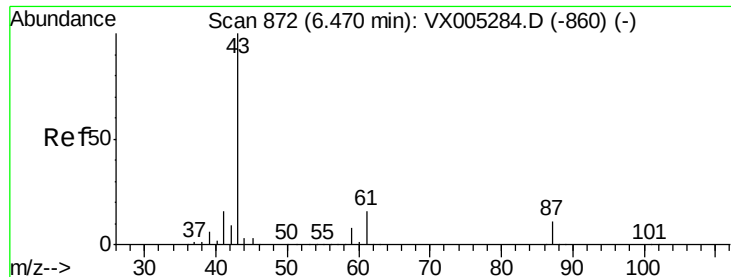
Tgt Ion:	41	Resp:	42340
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.4	63.6
67	70.0	59.2	88.8
52	29.3	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.594 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion:	62	Resp:	67659
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.210 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

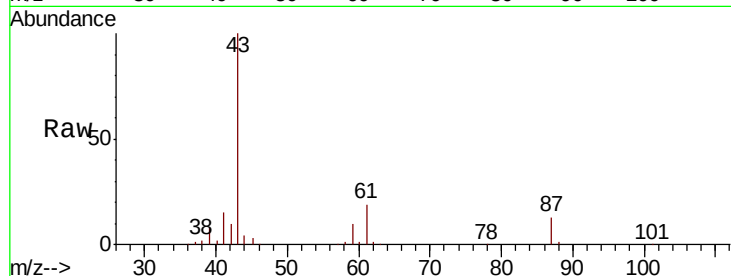
Tgt Ion: 43 Resp: 113052

Ion Ratio Lower Upper

43 100

61 19.6 17.0 25.4

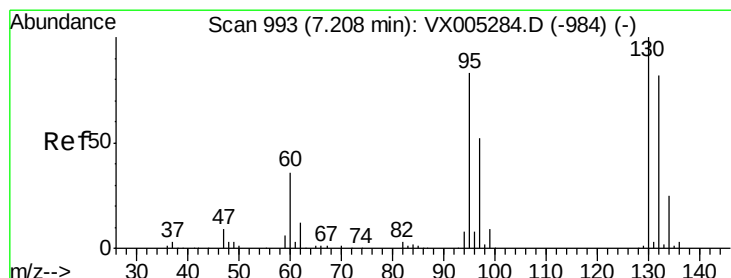
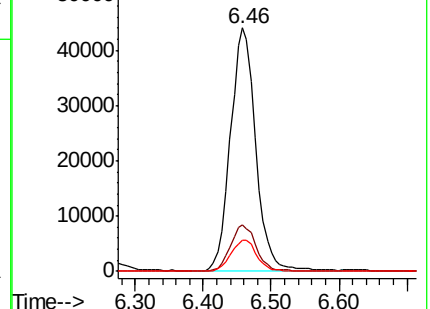
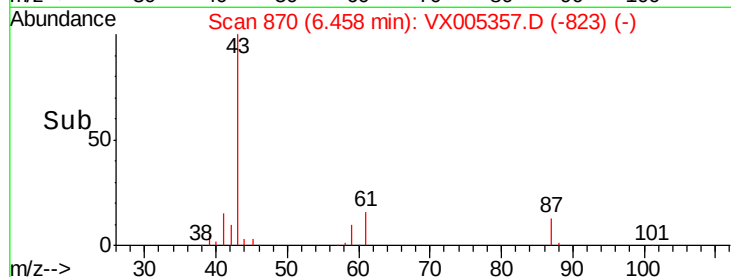
87 13.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX005357.D (-823) (-)

Ion 61.00 (60.70 to 61.70): VX005357.D (-823) (-)

Ion 87.00 (86.70 to 87.70): VX005357.D (-823) (-)



#44

Trichloroethene

Concen: 19.816 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005357.D

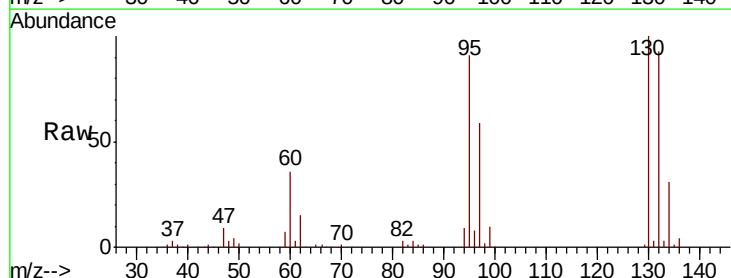
Acq: 16 Oct 2018 09:13

Tgt Ion: 130 Resp: 53131

Ion Ratio Lower Upper

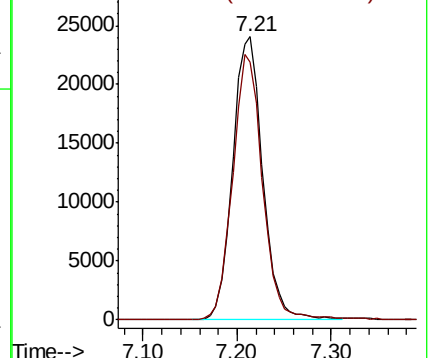
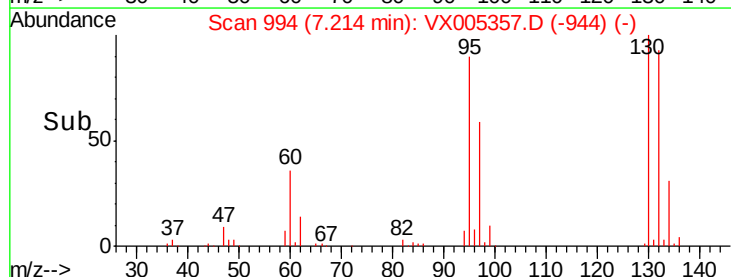
130 100

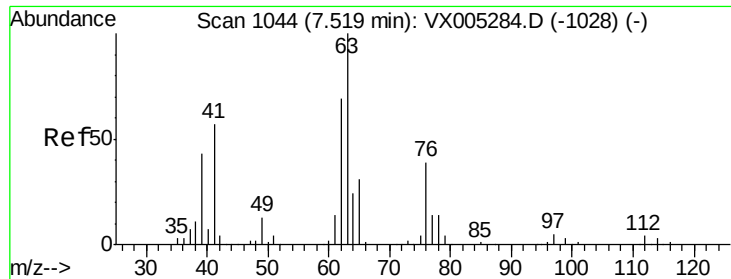
95 91.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX005357.D (-944) (-)

Ion 94.90 (94.60 to 95.60): VX005357.D (-944) (-)





#45

1,2-Dichloropropane

Concen: 19.285 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

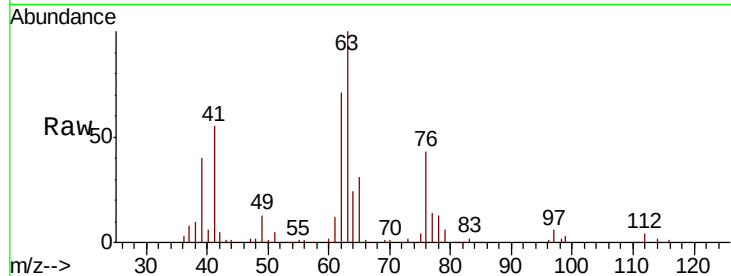
VX1016WBS01

Tgt Ion: 63 Resp: 48749

Ion Ratio Lower Upper

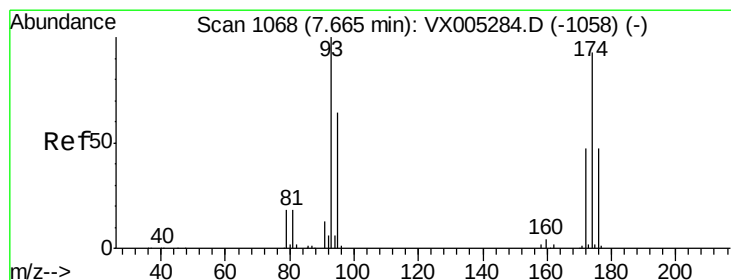
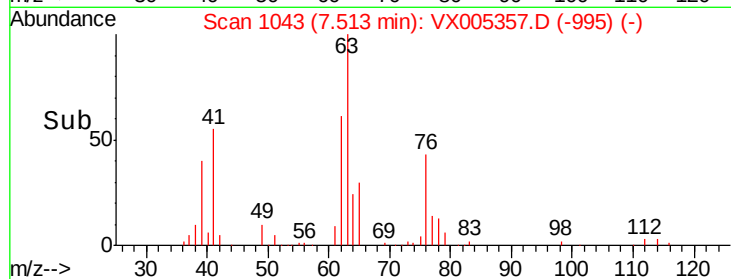
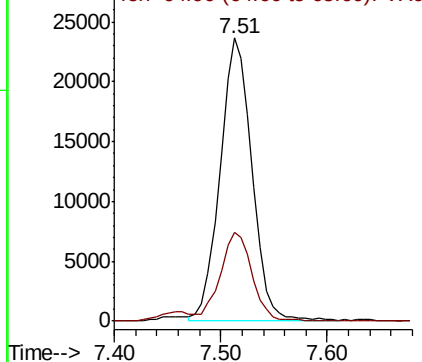
63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.468 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

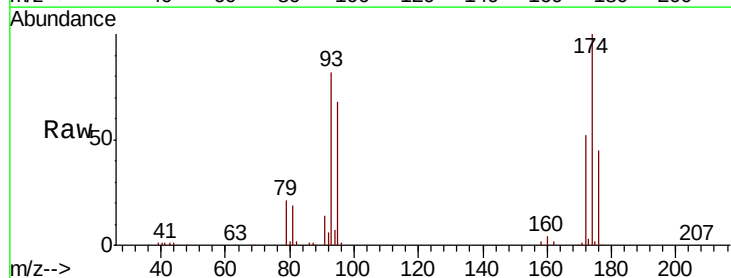
Tgt Ion: 93 Resp: 32481

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

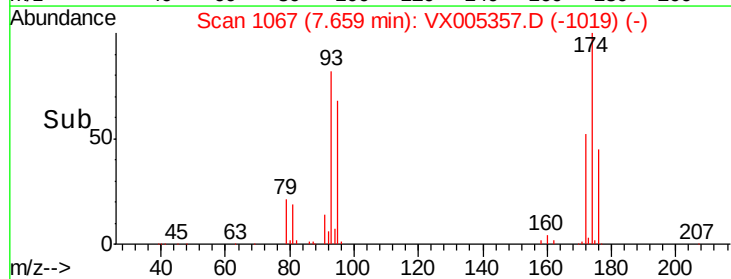
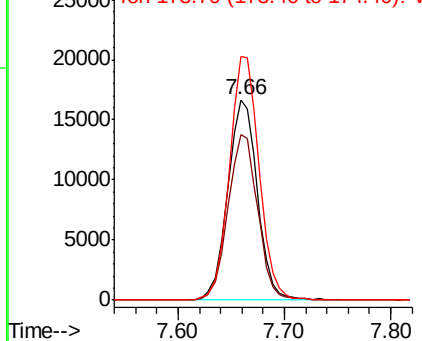
174 121.9 94.2 141.4

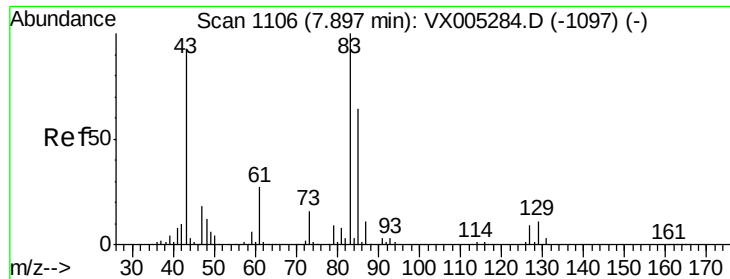


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.221 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

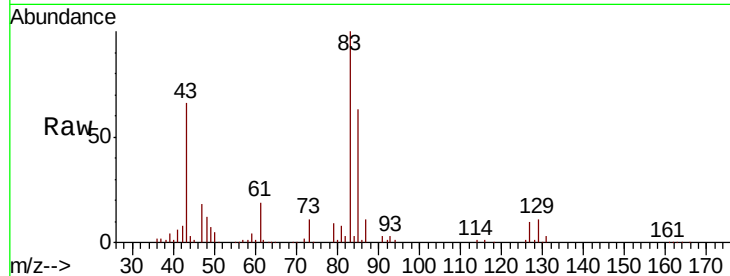
Tgt Ion: 83 Resp: 62404

Ion Ratio Lower Upper

83 100

85 63.5 50.9 76.3

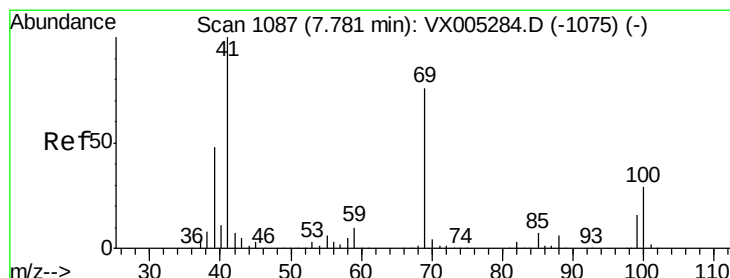
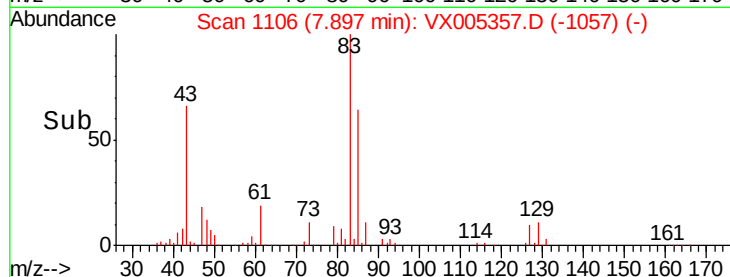
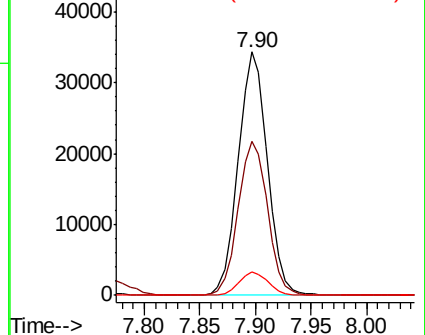
127 9.6 7.3 10.9



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: 19.561 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

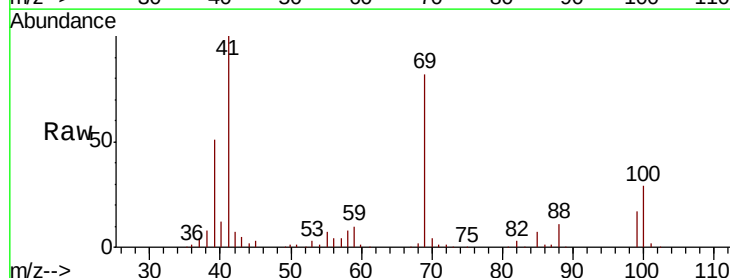
Tgt Ion: 41 Resp: 59704

Ion Ratio Lower Upper

41 100

69 81.3 70.2 105.4

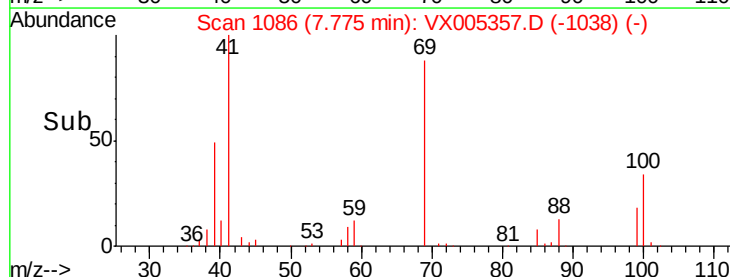
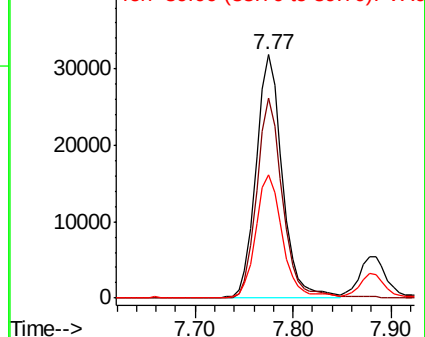
39 51.6 42.7 64.1

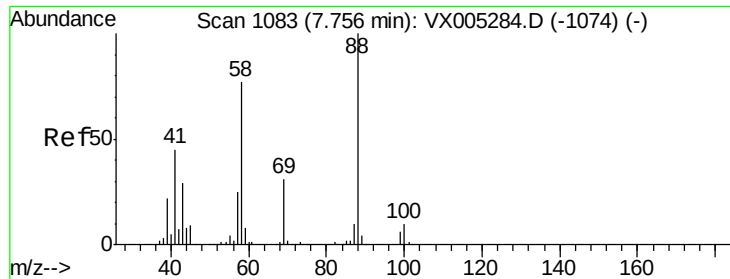


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

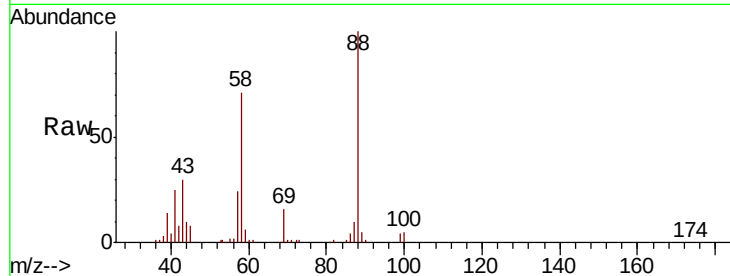




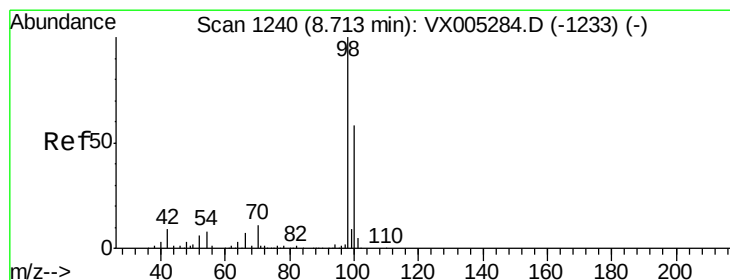
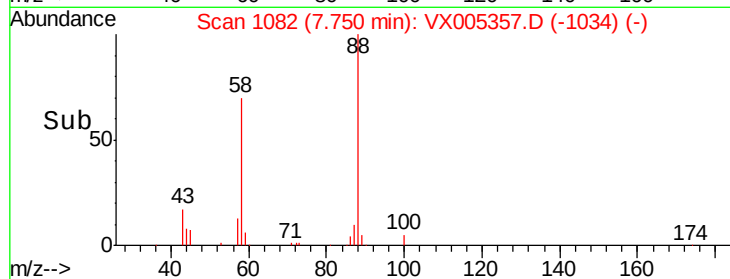
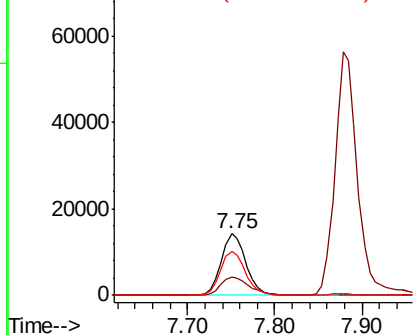
#49
 1,4-Dioxane
 Concen: 395.922 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tgt Ion: 88 Resp: 27873
 Ion Ratio Lower Upper
 88 100
 43 33.6 24.7 37.1
 58 73.5 55.3 82.9

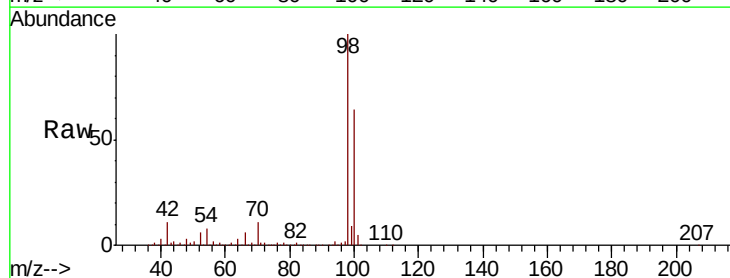


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

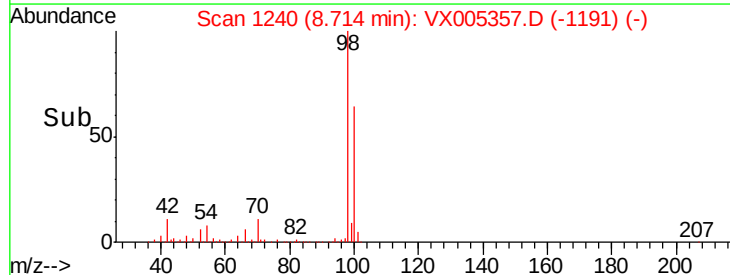
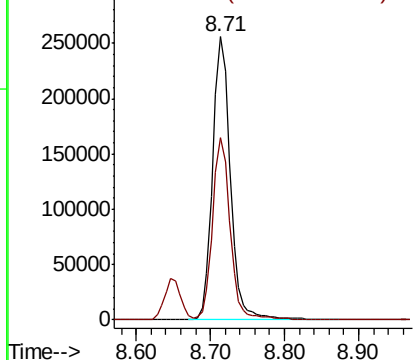


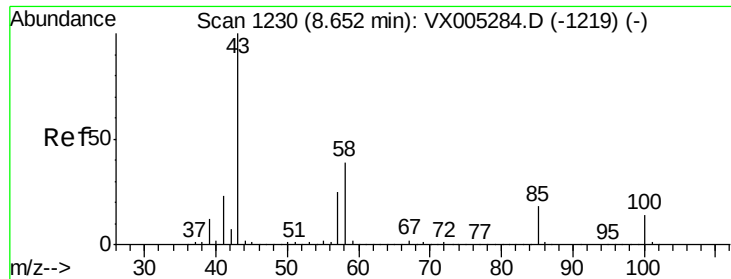
#50
 Toluene-d8
 Concen: 52.127 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 98 Resp: 420419
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 100.890 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

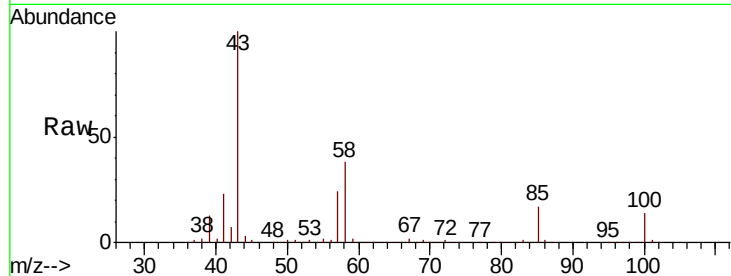
VX1016WBS01

Tgt Ion: 43 Resp: 411115

Ion Ratio Lower Upper

43 100

58 37.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-1219) (-)

8.65

250000

200000

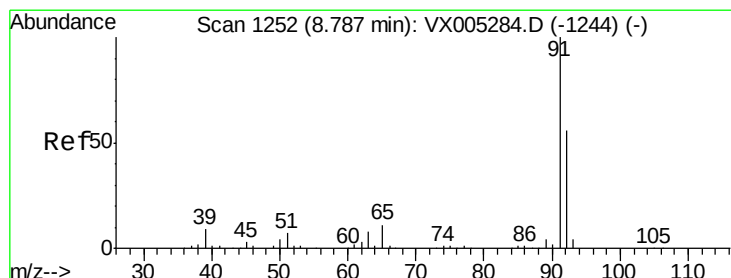
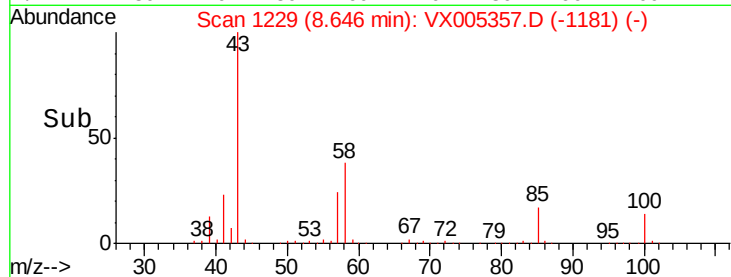
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.134 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005357.D

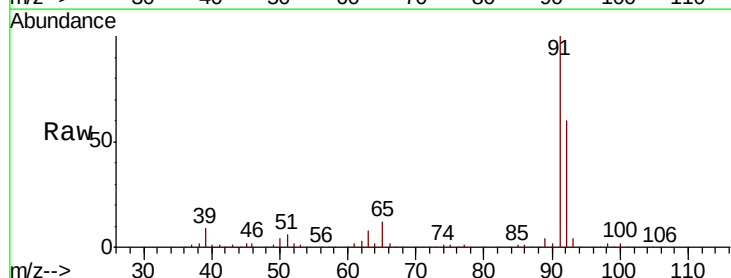
Acq: 16 Oct 2018 09:13

Tgt Ion: 92 Resp: 119151

Ion Ratio Lower Upper

92 100

91 175.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1244) (-)

8.79

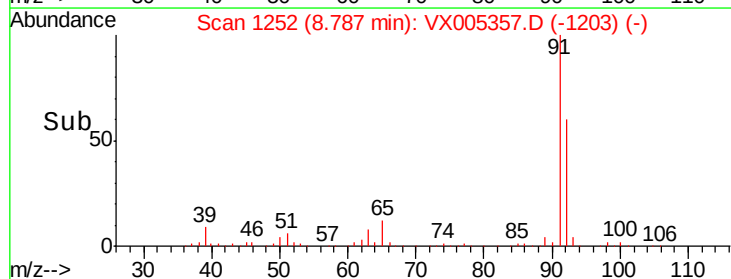
150000

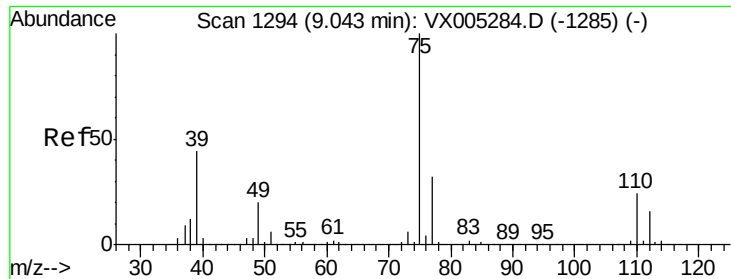
100000

50000

0

Time-->

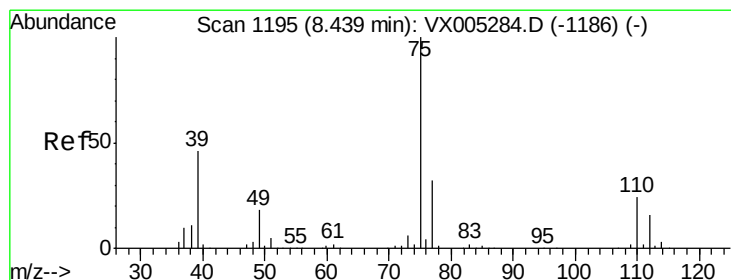
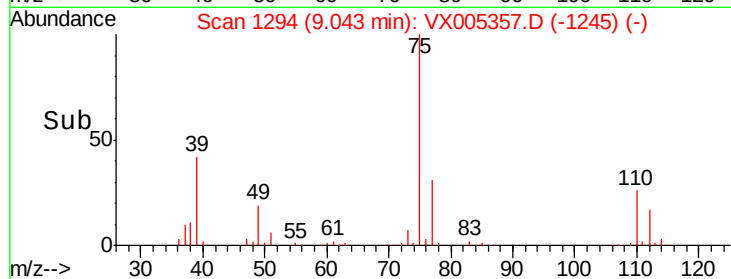
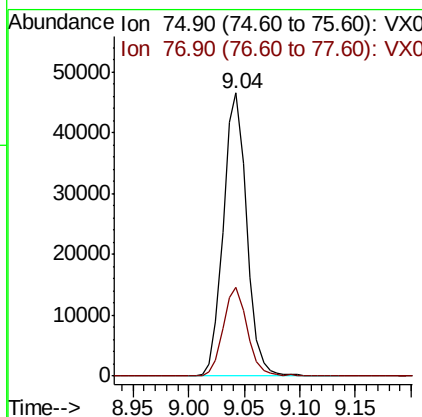
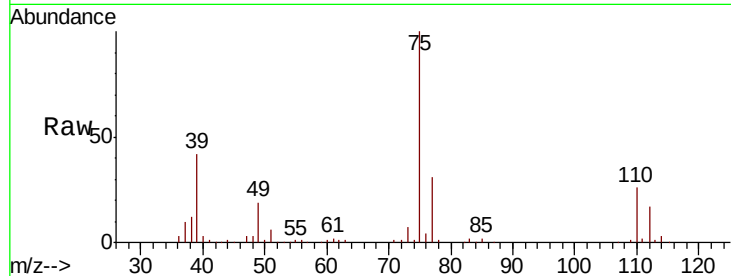




#53
 t-1,3-Dichloropropene
 Concen: 20.267 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

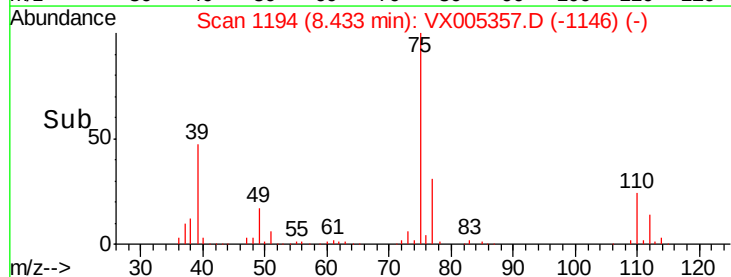
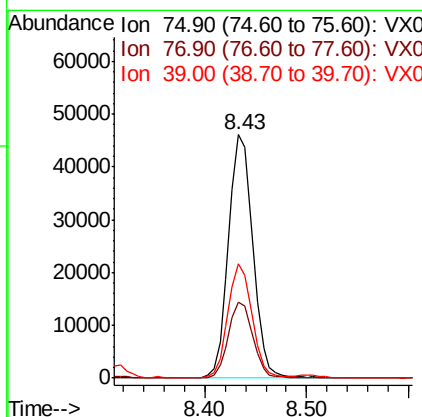
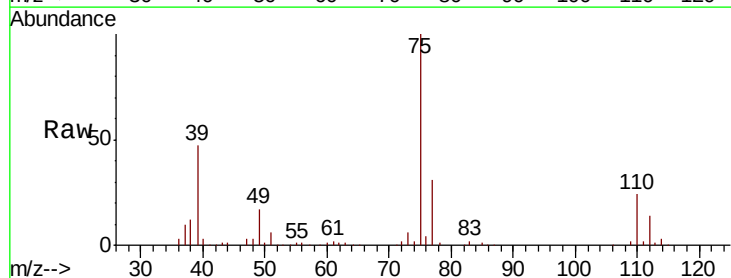
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

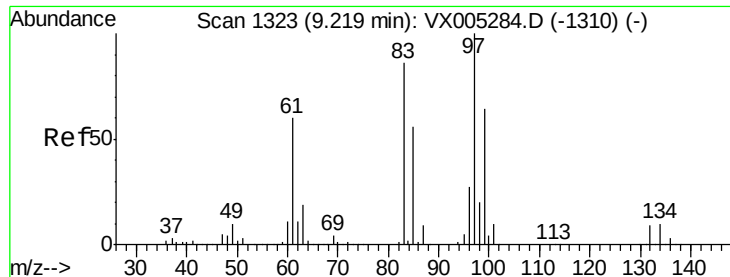
Tgt Ion: 75 Resp: 67688
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.037 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 75 Resp: 76129
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 39 46.6 36.4 54.6

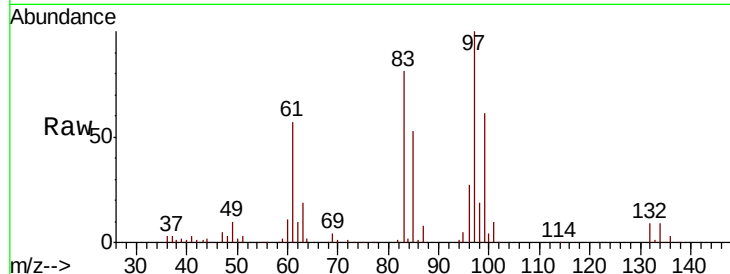




#55
 1,1,2-Trichloroethane
 Concen: 21.084 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tgt Ion:	97	Resp:	50348
Ion	Ratio	Lower	Upper
97	100		
83	80.6	66.4	99.6
85	52.6	43.3	64.9
99	61.2	49.0	73.4



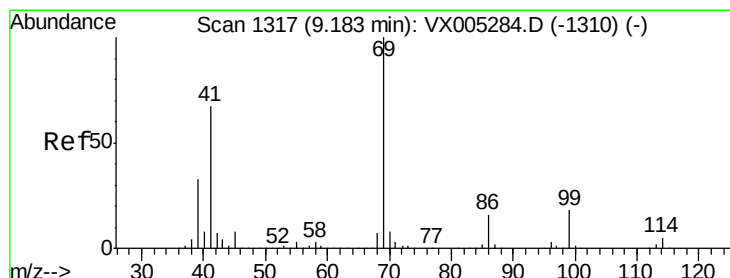
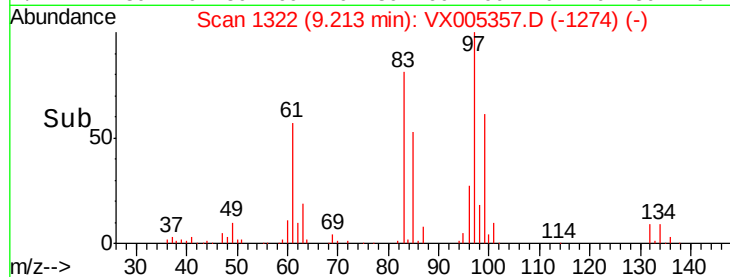
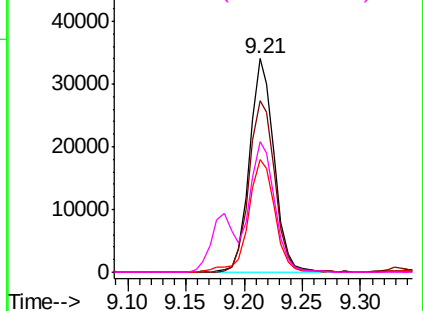
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

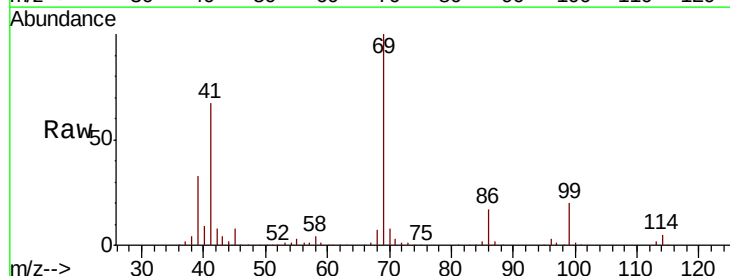
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.441 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion:	69	Resp:	71157
Ion	Ratio	Lower	Upper
69	100		
41	67.0	51.0	76.4
39	33.0	26.1	39.1

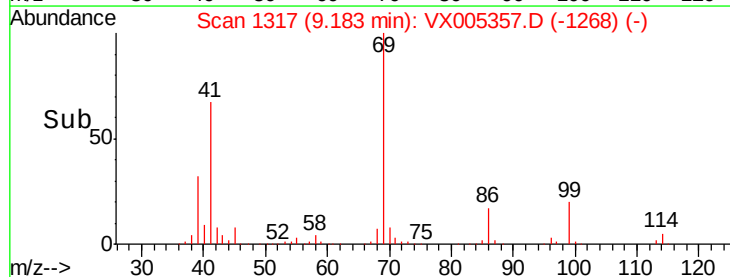
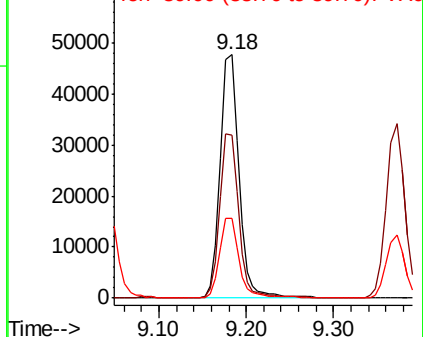


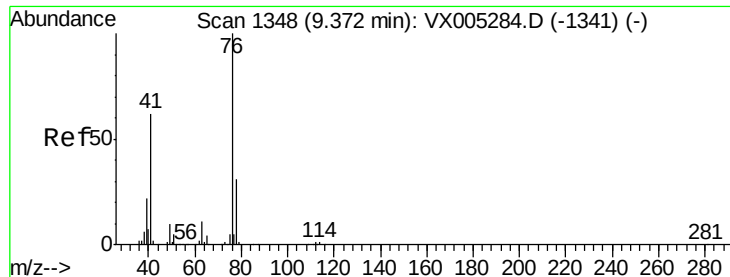
Abundance

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

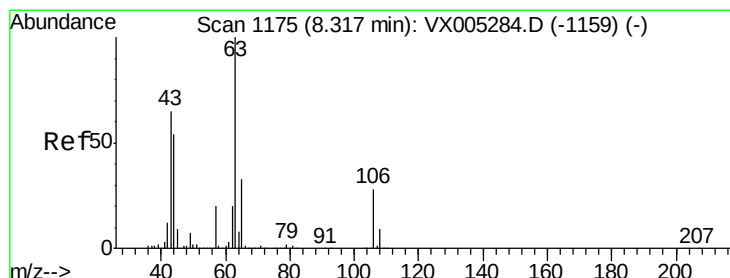
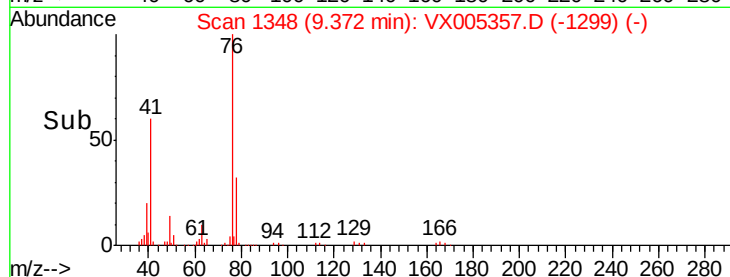
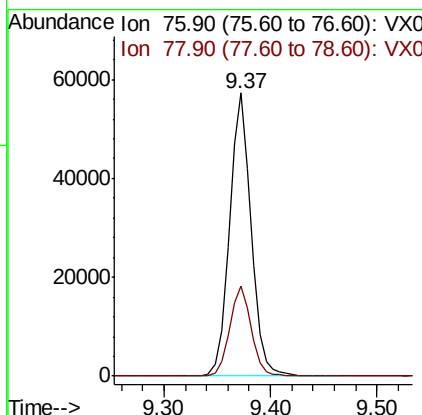
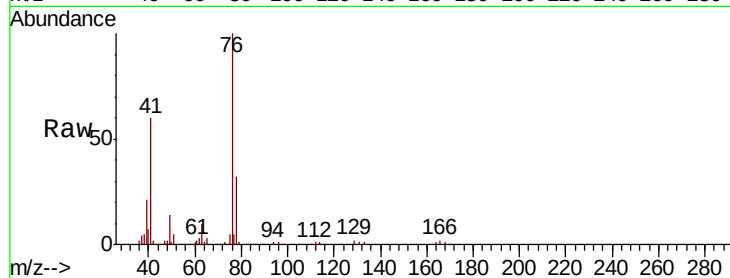




#57
 1,3-Dichloropropane
 Concen: 20.355 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

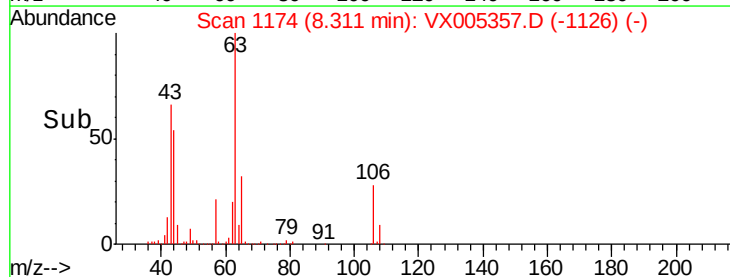
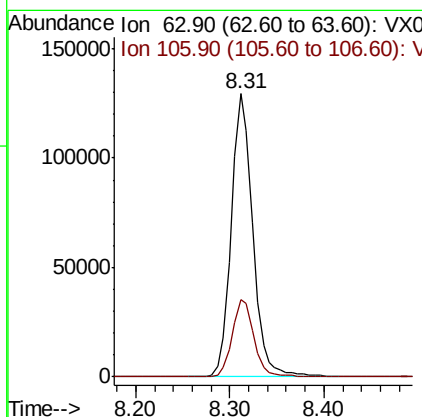
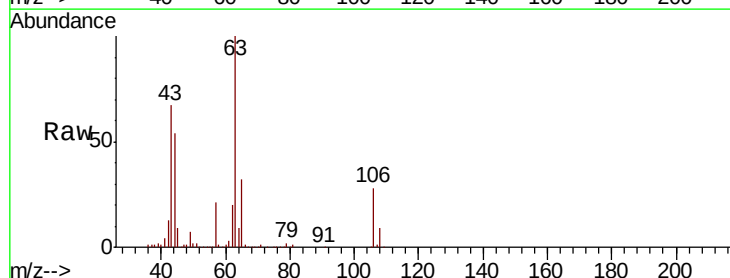
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

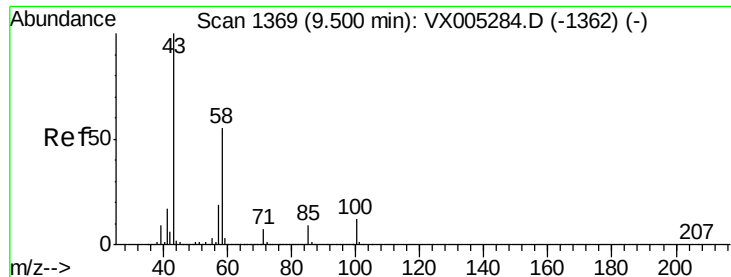
Tgt Ion: 76 Resp: 81127
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.717 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 63 Resp: 204439
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.9 35.9

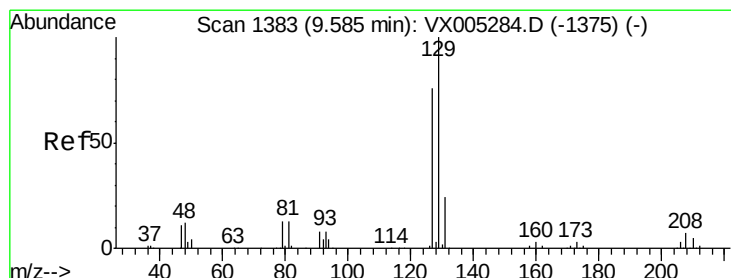
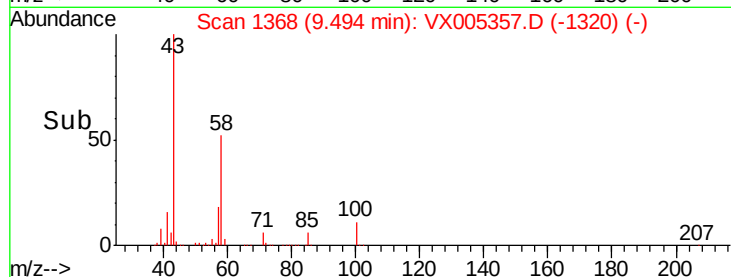
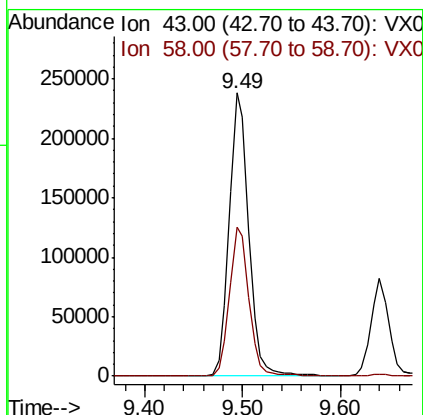
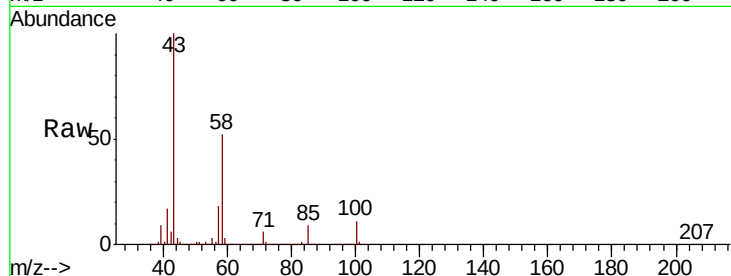




#59
2-Hexanone
Concen: 100.982 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

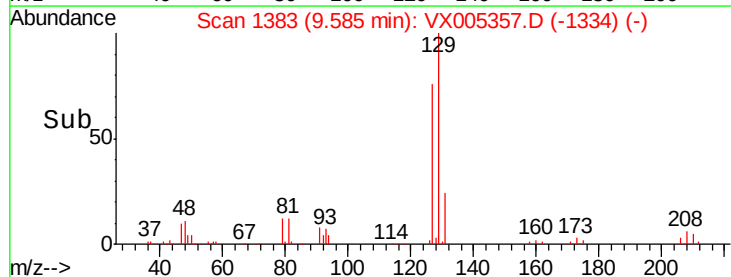
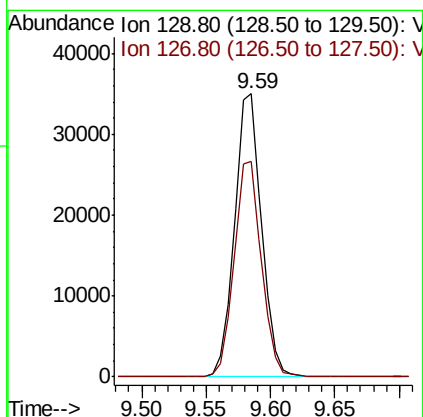
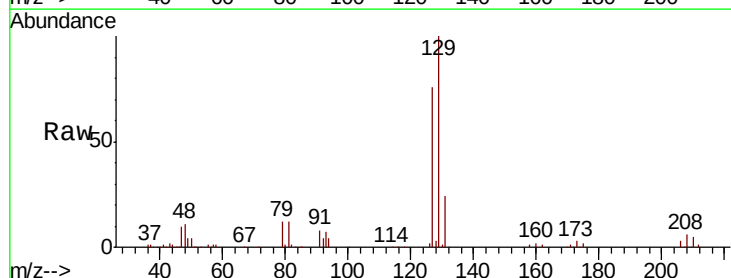
Instrument :
MSVOA_X
ClientSampled :
VX1016WBS01

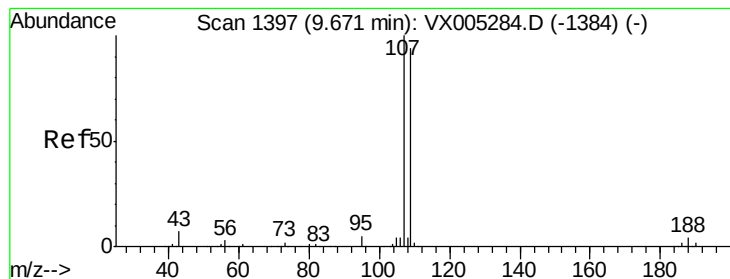
Tgt Ion: 43 Resp: 331004
Ion Ratio Lower Upper
43 100
58 52.7 29.0 87.0



#60
Dibromochloromethane
Concen: 20.763 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 129 Resp: 51251
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.274 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

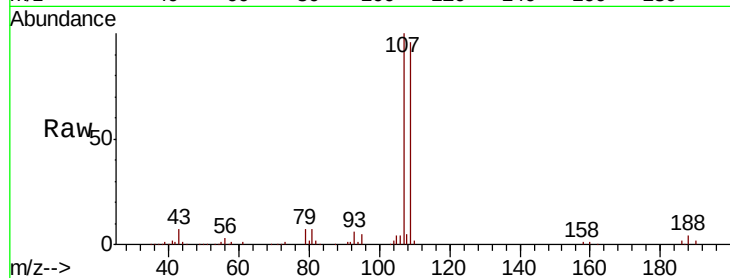
VX1016WBS01

Tgt Ion: 107 Resp: 50809

Ion Ratio Lower Upper

107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

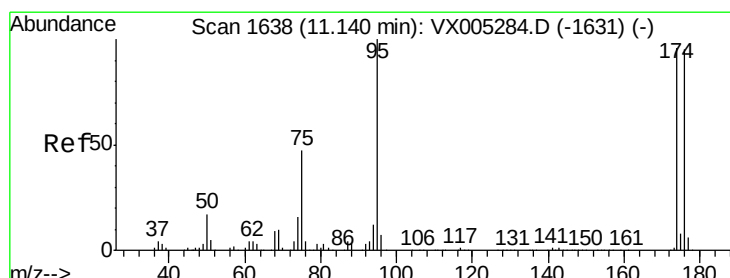
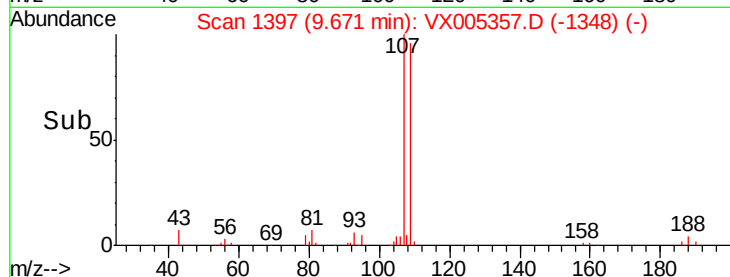
20000

10000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 51.305 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

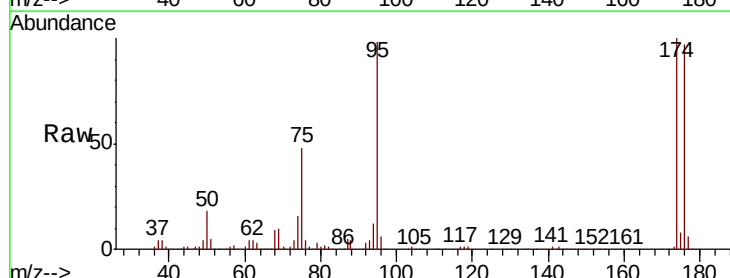
Tgt Ion: 95 Resp: 155448

Ion Ratio Lower Upper

95 100

174 95.9 0.0 185.2

176 93.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

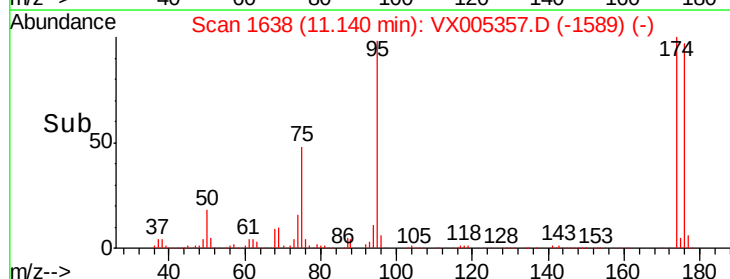
100000

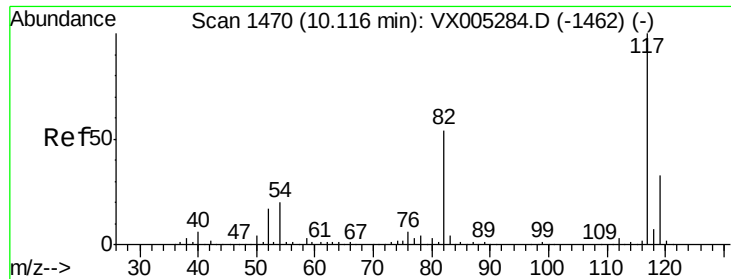
50000

0

Time-->

11.10 11.20

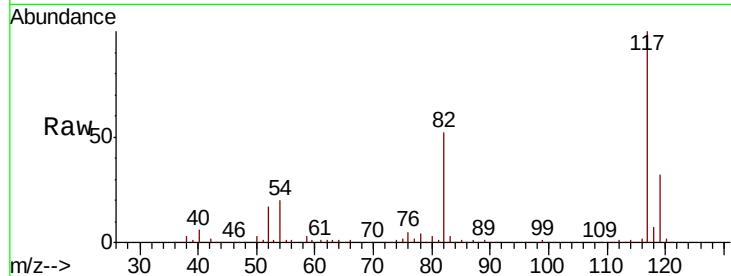




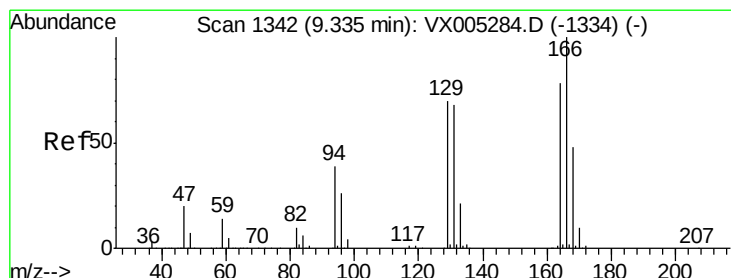
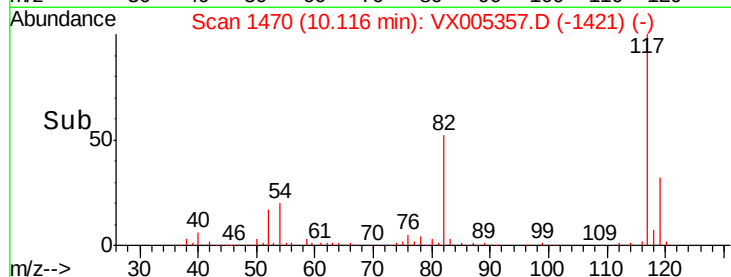
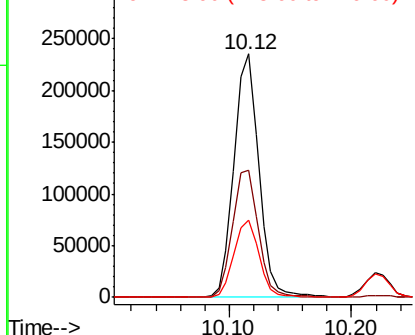
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion:117 Resp: 331843
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 31.8 29.3 43.9

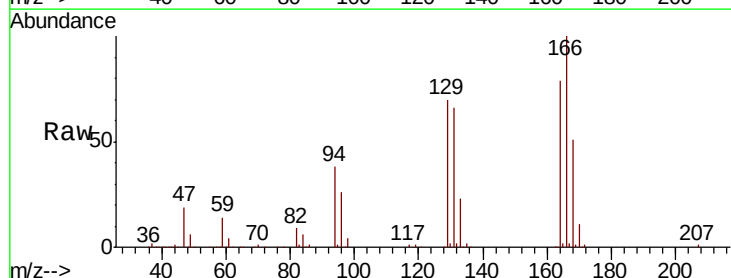


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

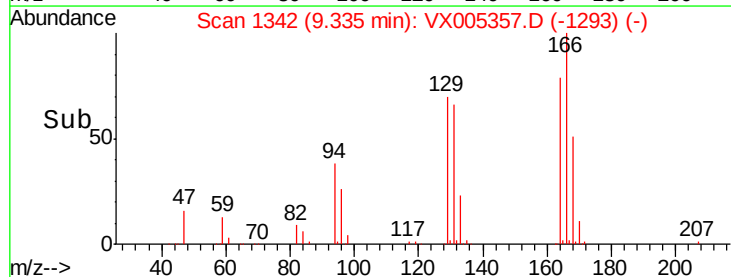
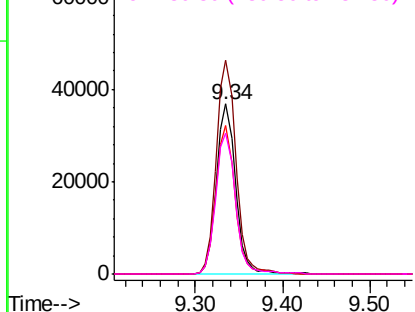


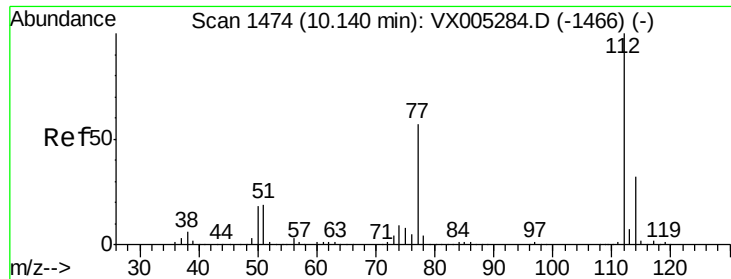
#64
Tetrachloroethene
Concen: 21.022 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion:164 Resp: 56161
Ion Ratio Lower Upper
164 100
166 125.9 102.8 154.2
129 87.6 69.4 104.0
131 83.3 67.9 101.9



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

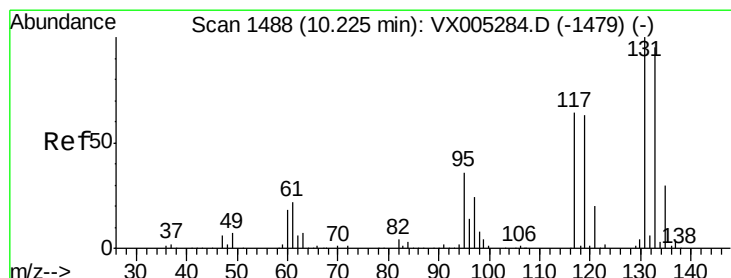
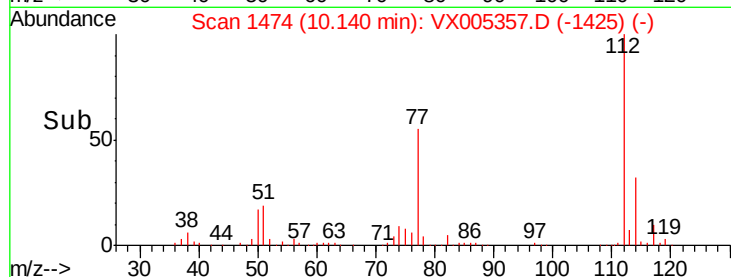
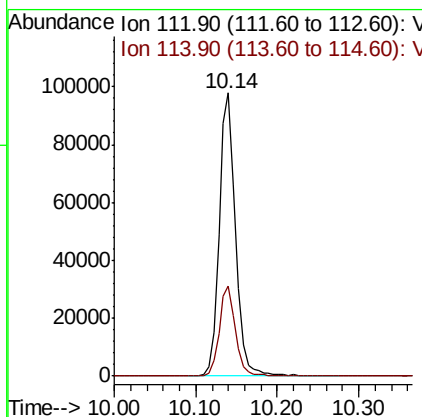
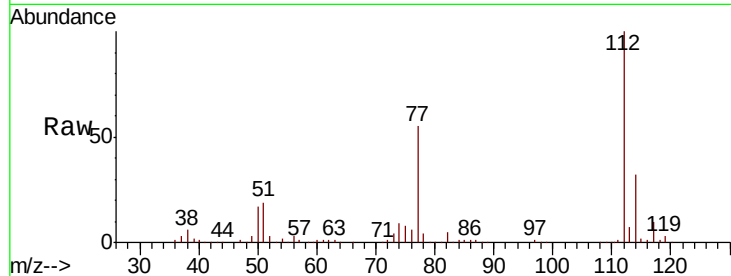




#65
Chlorobenzene
Concen: 19.393 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

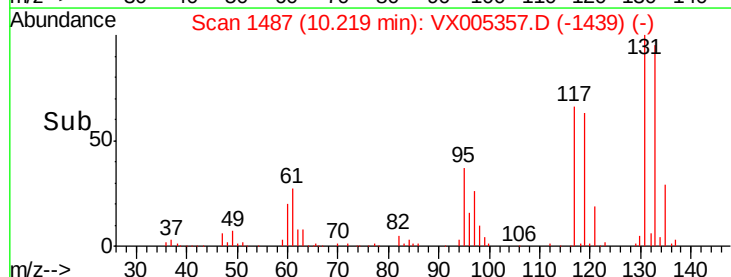
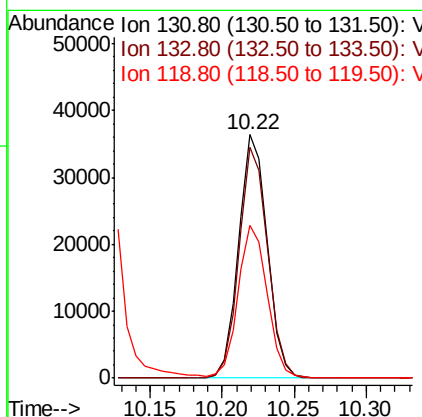
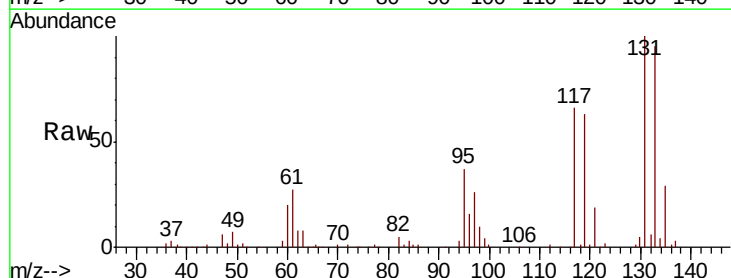
Instrument :
MSVOA_X
ClientSampled :
VX1016WBS01

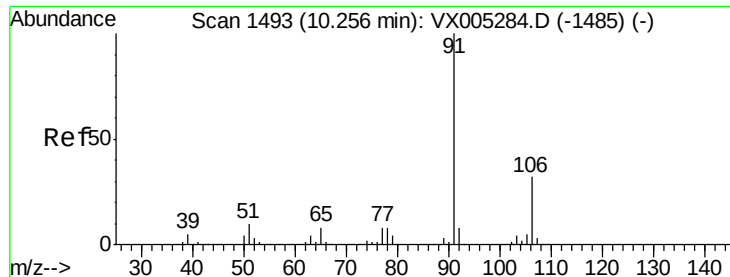
Tgt Ion:112 Resp: 136890
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.882 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion:131 Resp: 50011
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 64.0 32.9 98.6





#67

Ethyl Benzene

Concen: 19.594 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

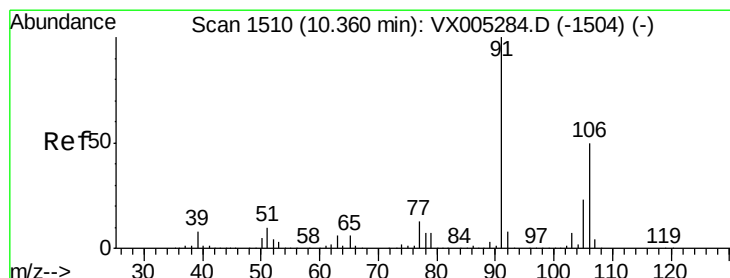
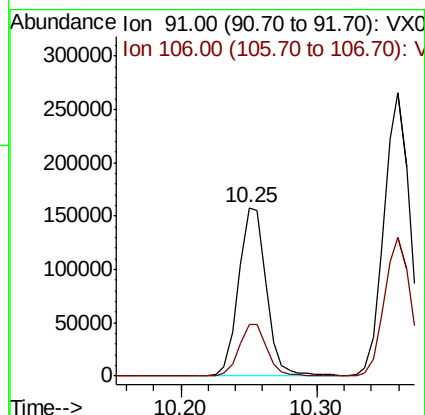
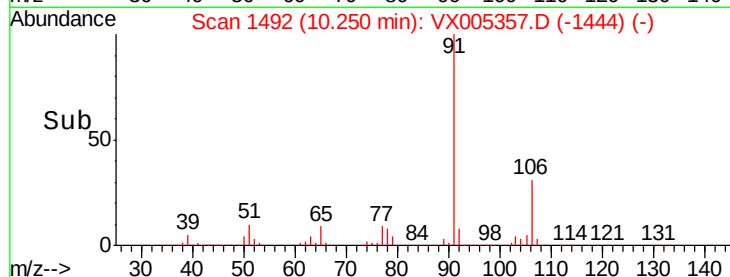
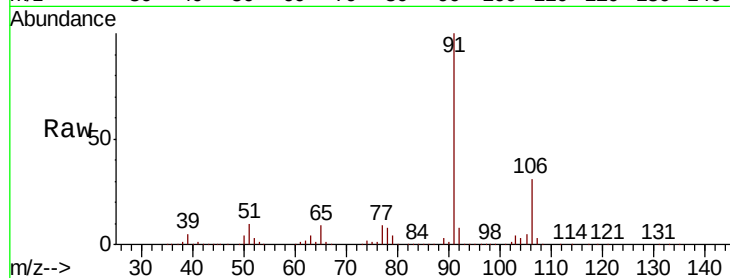
VX1016WBS01

Tgt Ion: 91 Resp: 224842

Ion Ratio Lower Upper

91 100

106 30.9 25.9 38.9



#68

m/p-Xylenes

Concen: 40.426 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005357.D

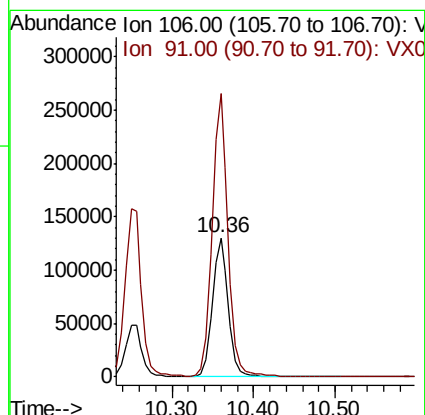
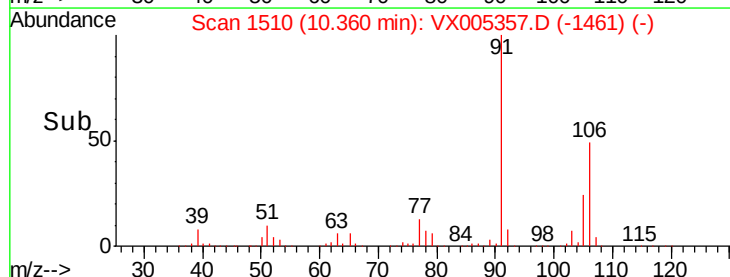
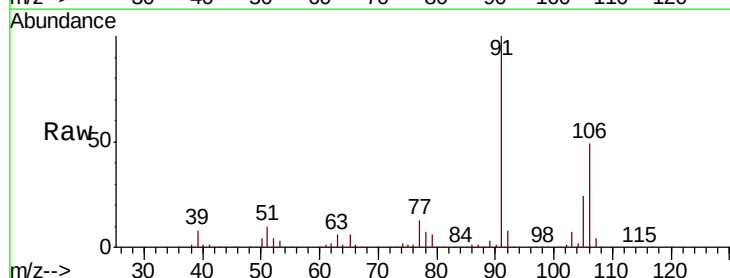
Acq: 16 Oct 2018 09:13

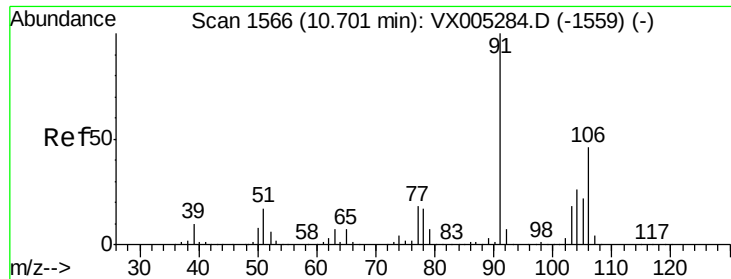
Tgt Ion: 106 Resp: 180054

Ion Ratio Lower Upper

106 100

91 202.3 157.1 235.7

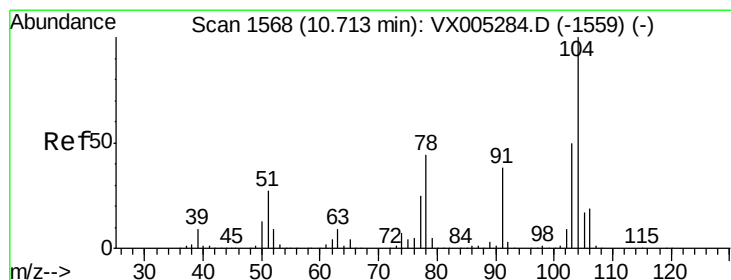
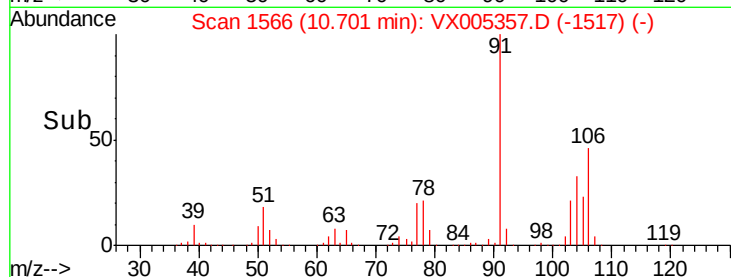
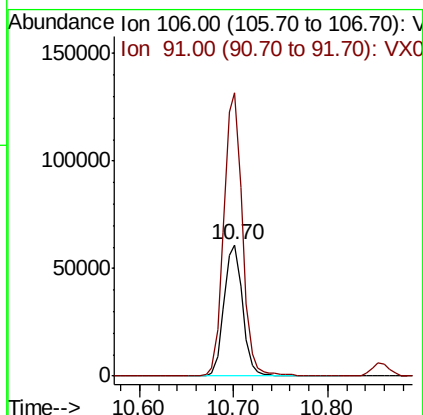
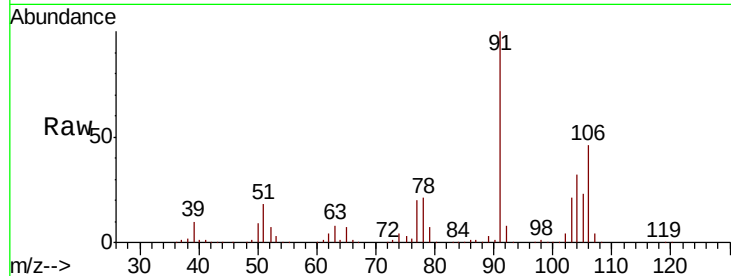




#69
o-Xylene
Concen: 19.541 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

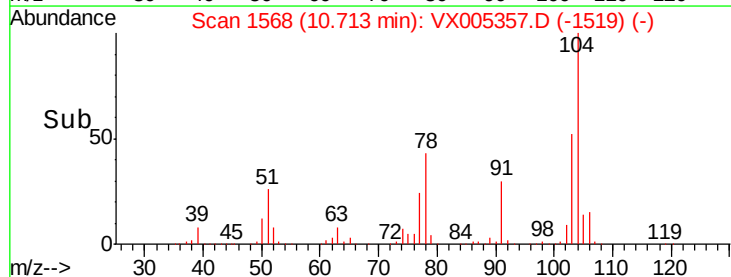
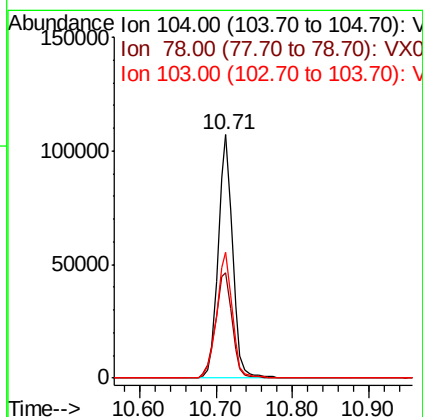
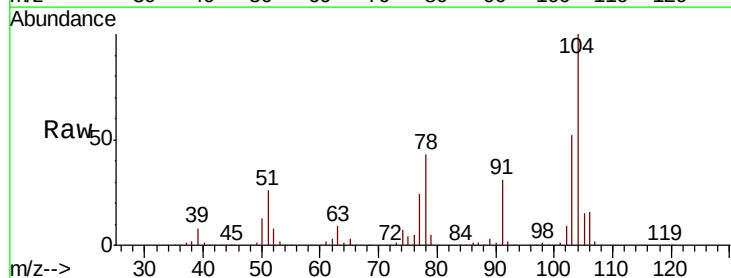
Instrument :
MSVOA_X
ClientSampled :
VX1016WBS01

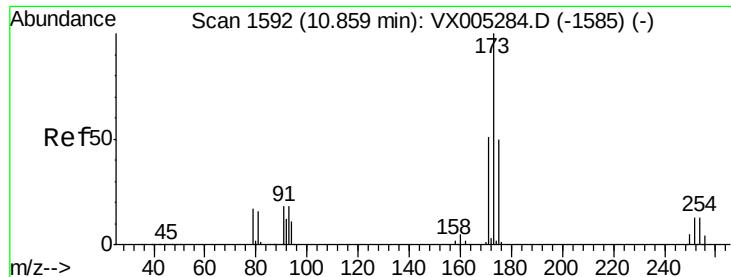
Tgt Ion:106 Resp: 83938
Ion Ratio Lower Upper
106 100
91 214.9 105.1 315.1



#70
Styrene
Concen: 19.879 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion:104 Resp: 140452
Ion Ratio Lower Upper
104 100
78 50.2 37.4 56.0
103 56.1 43.8 65.6





#71

Bromoform

Concen: 18.713 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

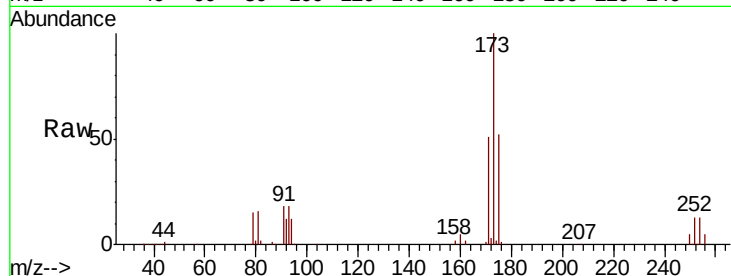
Tgt Ion:173 Resp: 42065

Ion Ratio Lower Upper

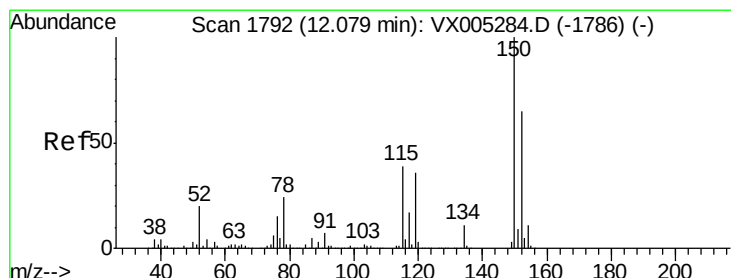
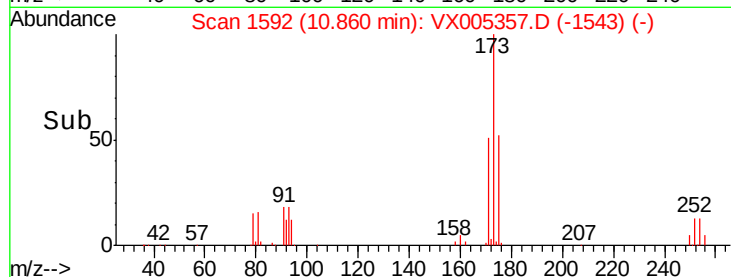
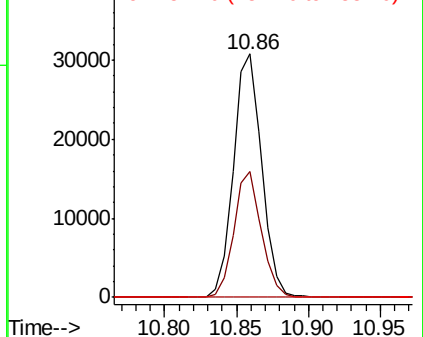
173 100

175 50.2 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

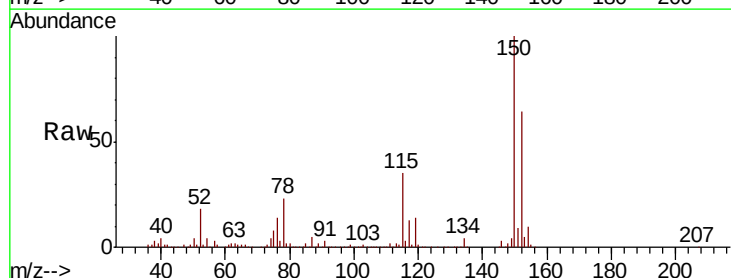
Tgt Ion:152 Resp: 193670

Ion Ratio Lower Upper

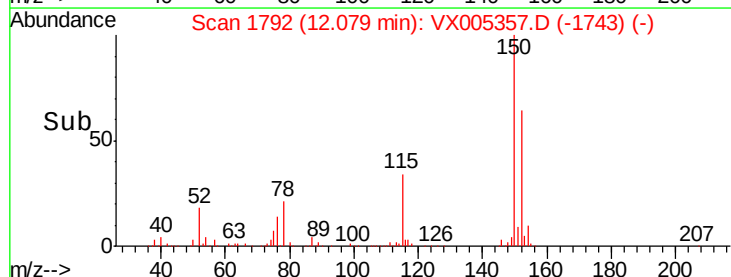
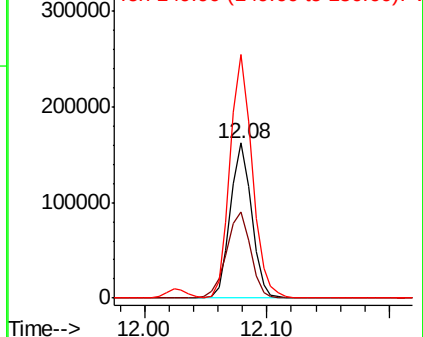
152 100

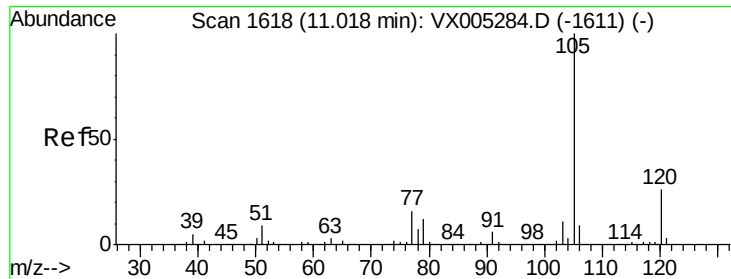
115 63.4 39.0 117.0

150 164.4 0.0 351.0



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

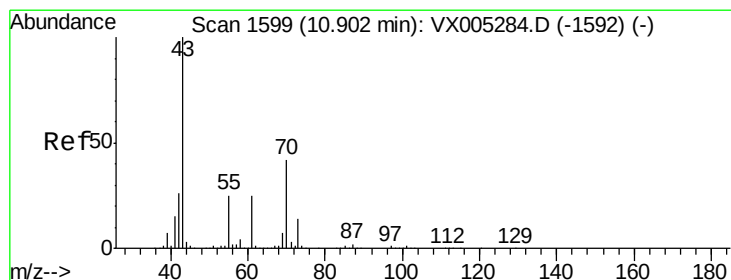
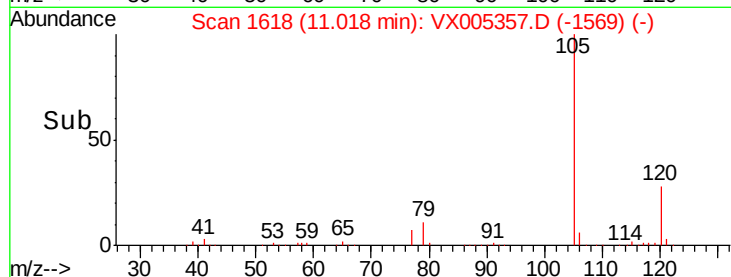
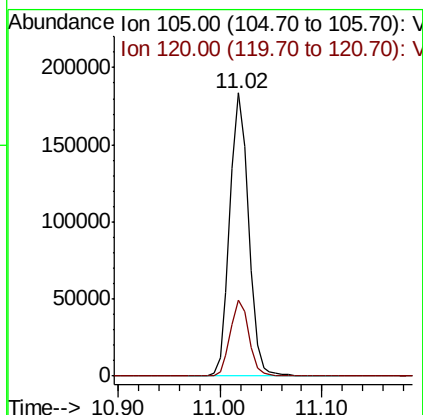
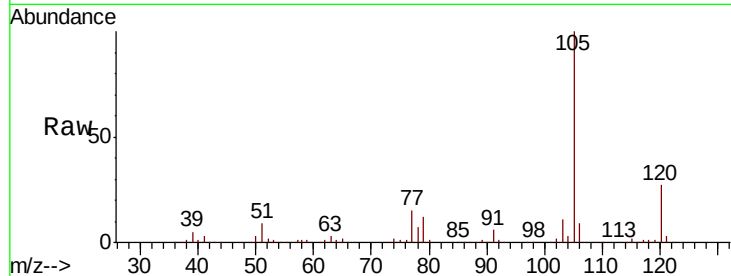




#73
Isopropylbenzene
Concen: 20.283 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

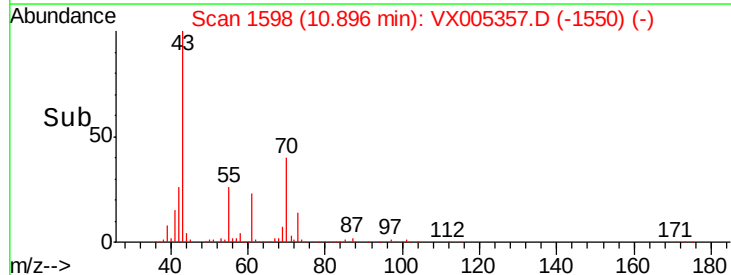
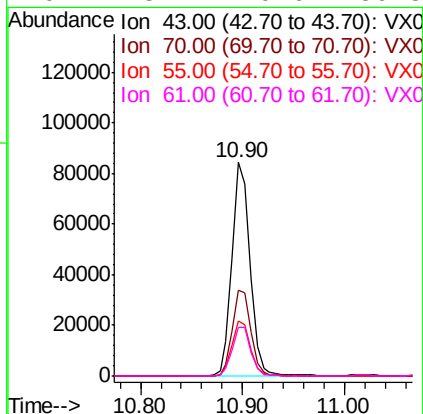
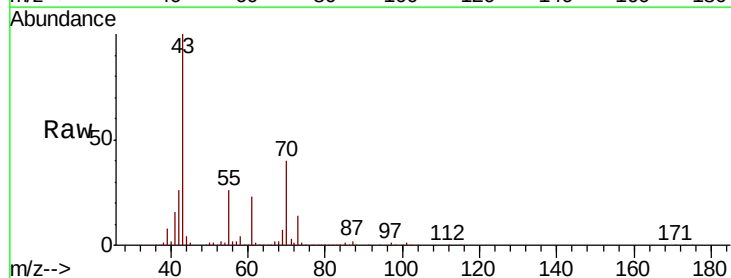
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

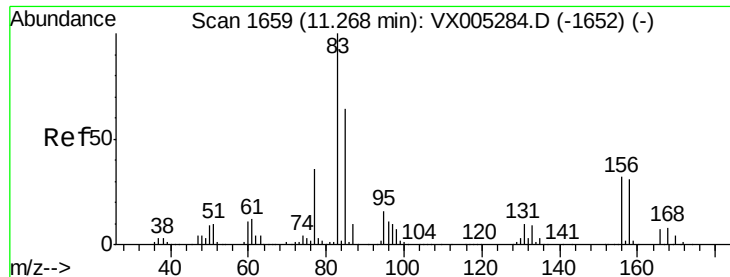
Tgt Ion: 105 Resp: 233517
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 18.600 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 43 Resp: 103287
Ion Ratio Lower Upper
43 100
70 41.3 37.4 56.0
55 26.5 21.8 32.8
61 23.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.518 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

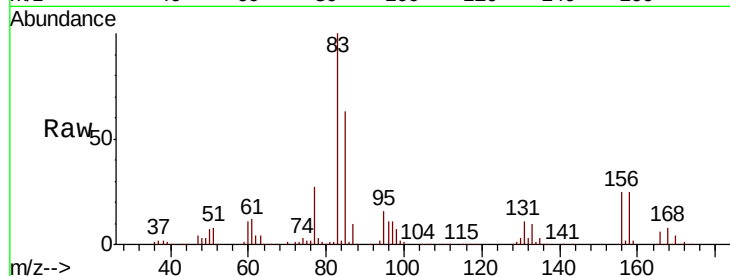
Tgt Ion: 83 Resp: 80427

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

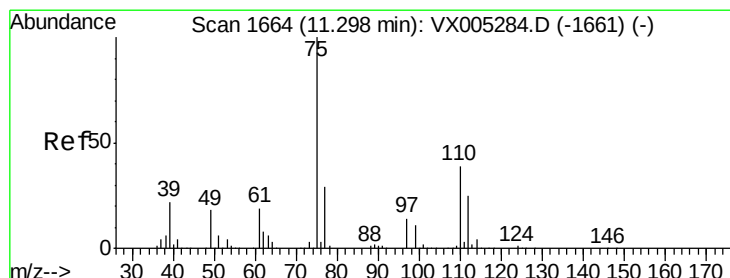
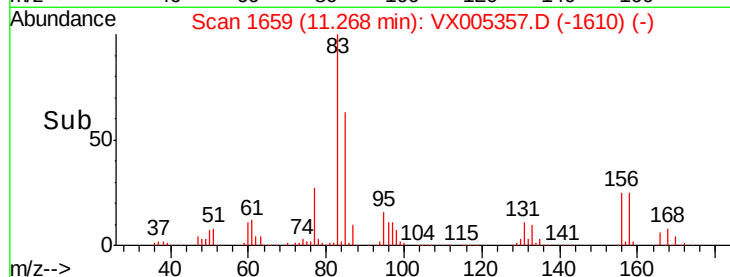
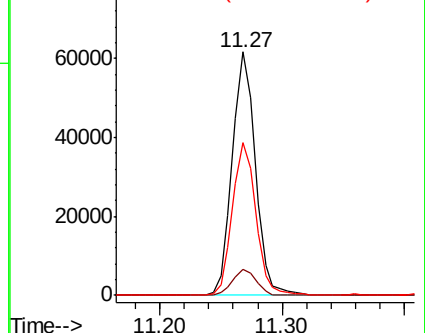
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX005284.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005284.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005284.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 25.162 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005357.D

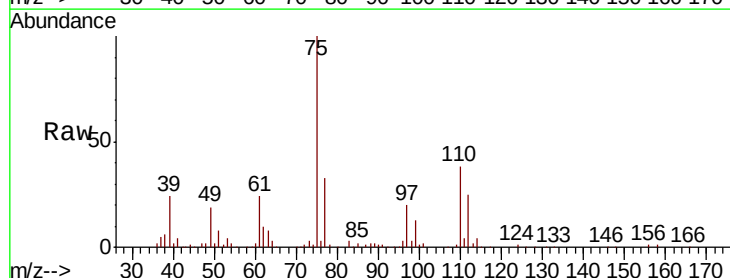
Acq: 16 Oct 2018 09:13

Tgt Ion: 75 Resp: 94526

Ion Ratio Lower Upper

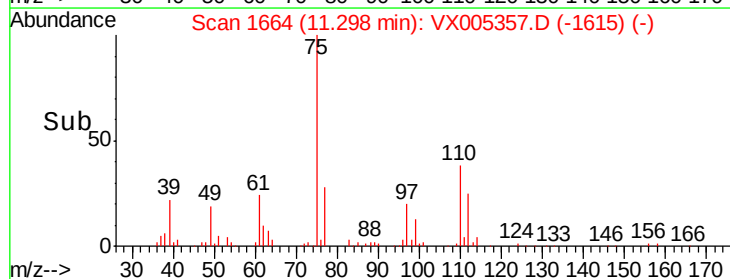
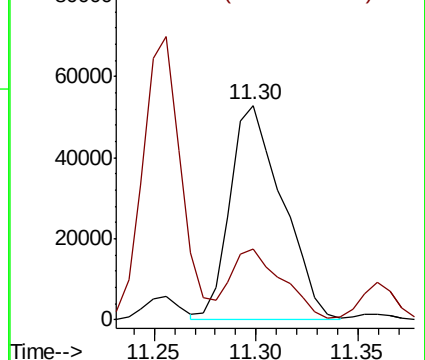
75 100

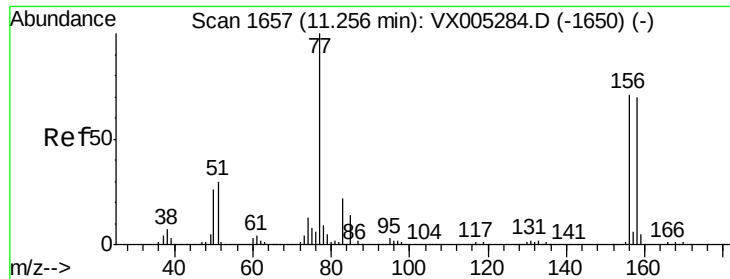
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX005284.D (-1661) (-)

Ion 77.00 (76.70 to 77.70): VX005284.D (-1661) (-)





#77

Bromobenzene

Concen: 19.781 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

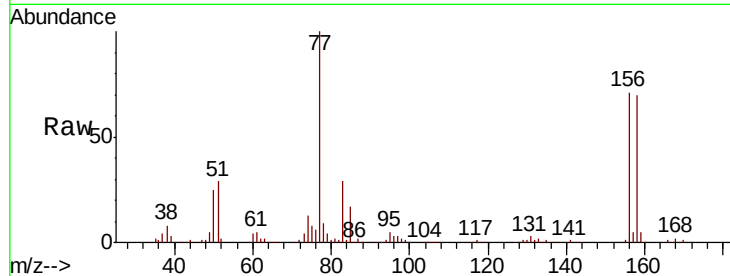
Tgt Ion:156 Resp: 65116

Ion Ratio Lower Upper

156 100

77 139.7 71.5 214.3

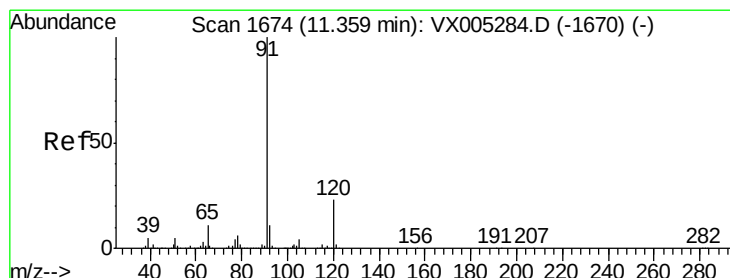
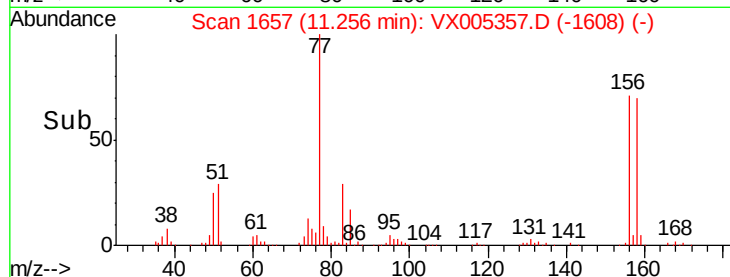
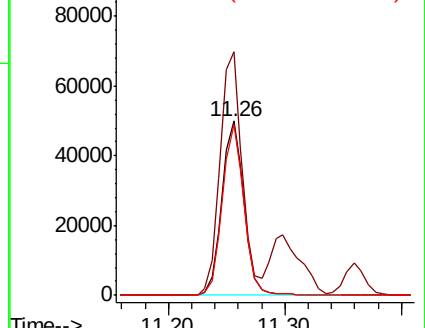
158 96.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.374 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005357.D

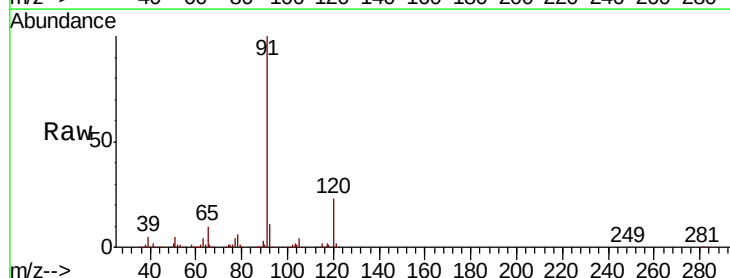
Acq: 16 Oct 2018 09:13

Tgt Ion: 91 Resp: 269931

Ion Ratio Lower Upper

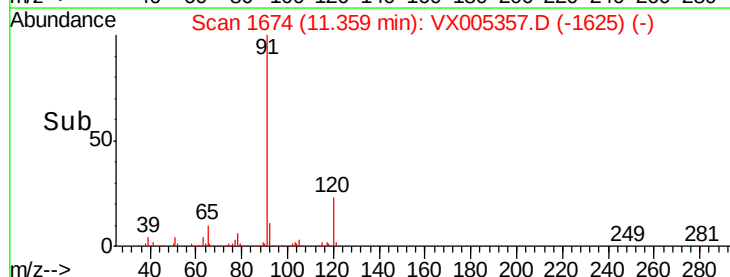
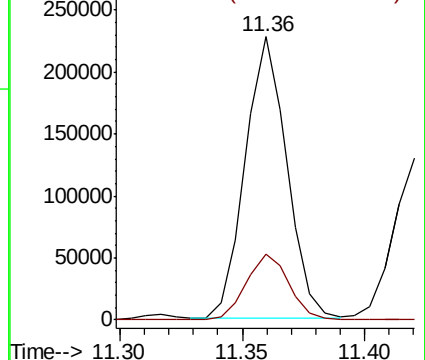
91 100

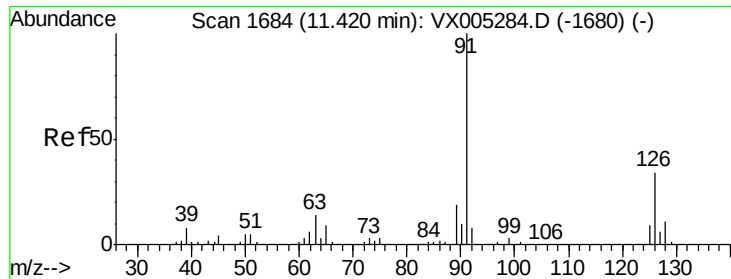
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.013 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

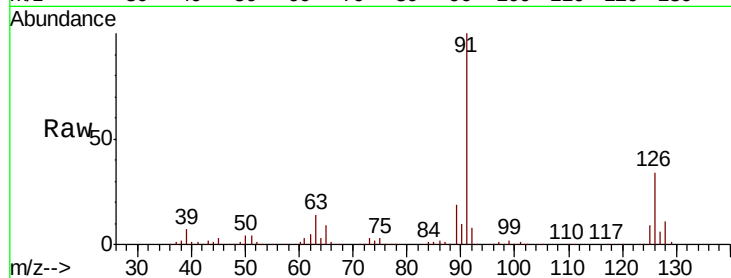
VX1016WBS01

Tgt Ion: 91 Resp: 162380

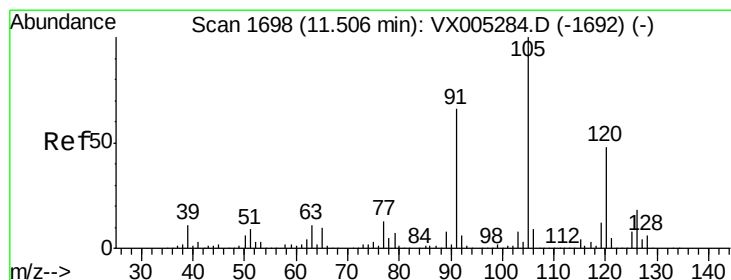
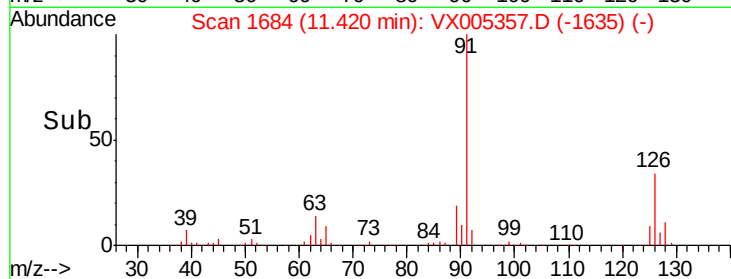
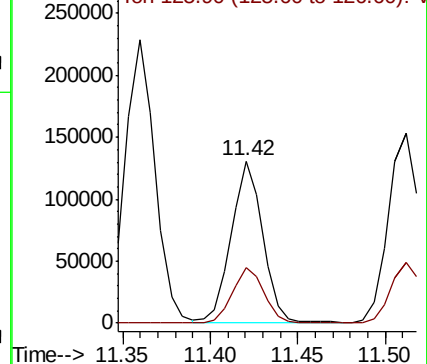
Ion Ratio Lower Upper

91 100

126 35.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.517 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005357.D

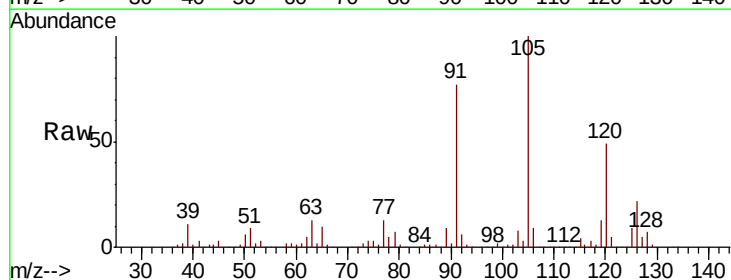
Acq: 16 Oct 2018 09:13

Tgt Ion: 105 Resp: 202279

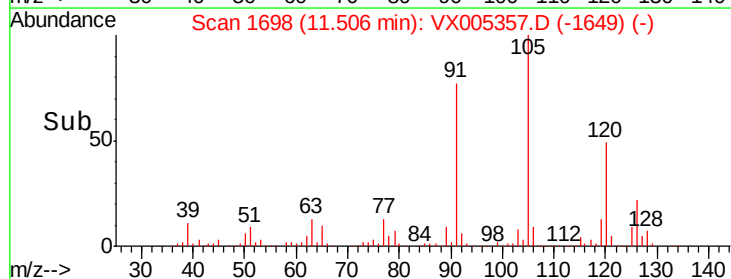
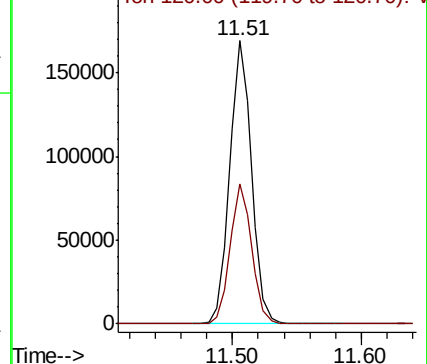
Ion Ratio Lower Upper

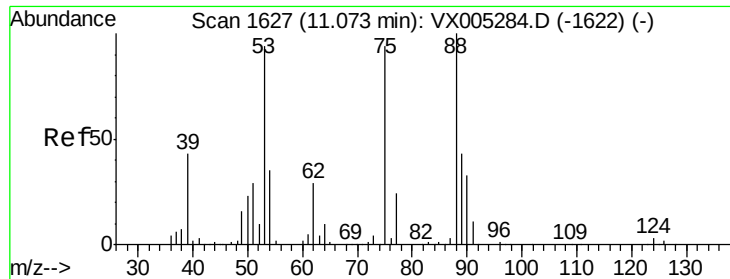
105 100

120 49.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005284.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.803 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005357.D

Acq: 16 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

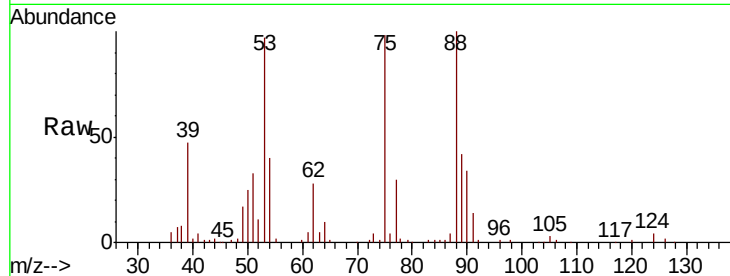
Tgt Ion: 75 Resp: 23247

Ion Ratio Lower Upper

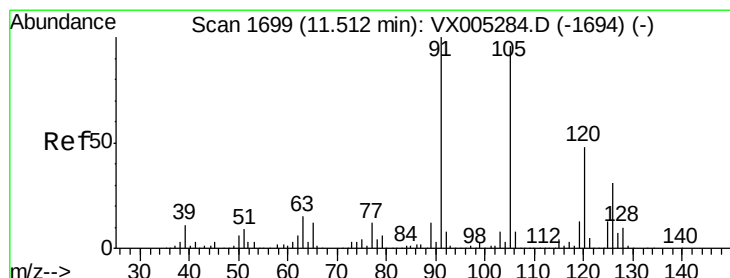
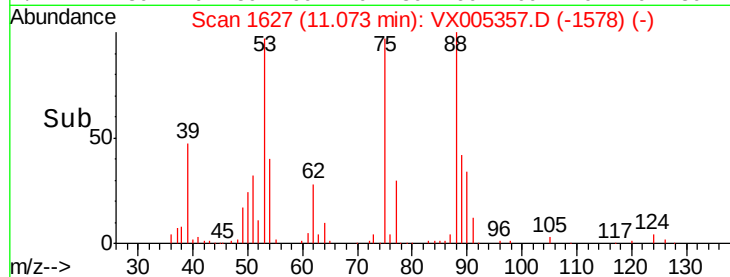
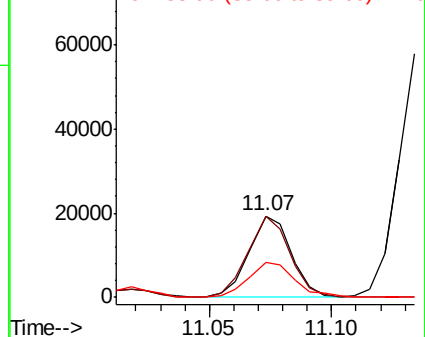
75 100

53 99.1 80.1 120.1

89 48.5 37.2 55.8



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



#82

4-Chlorotoluene

Concen: 20.130 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005357.D

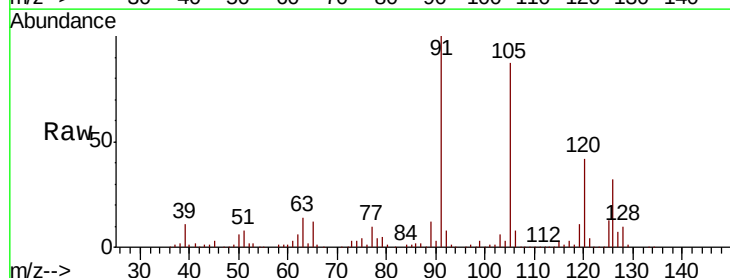
Acq: 16 Oct 2018 09:13

Tgt Ion: 91 Resp: 193615

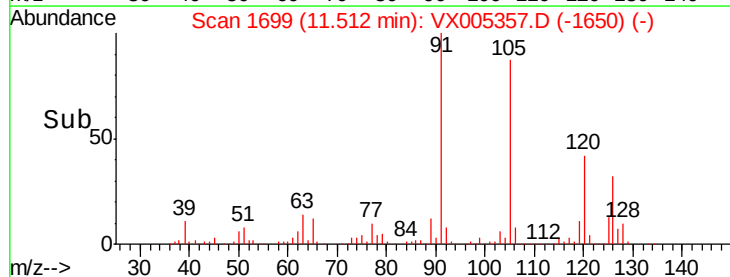
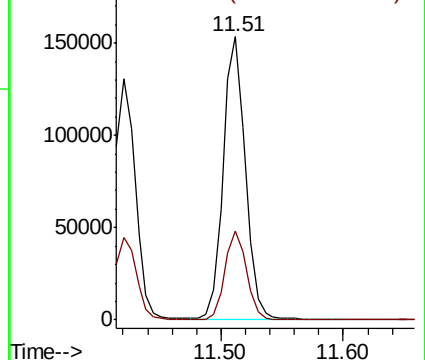
Ion Ratio Lower Upper

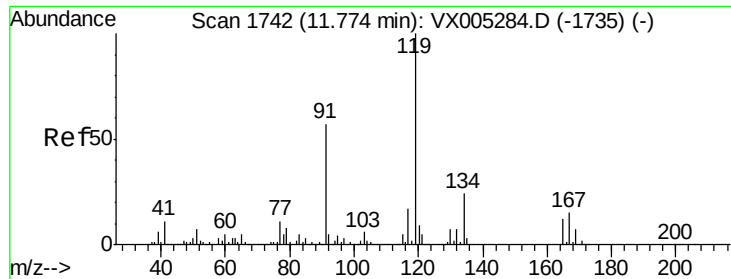
91 100

126 31.0 15.5 46.5



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

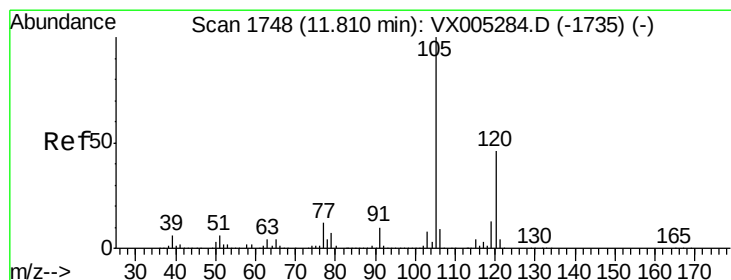
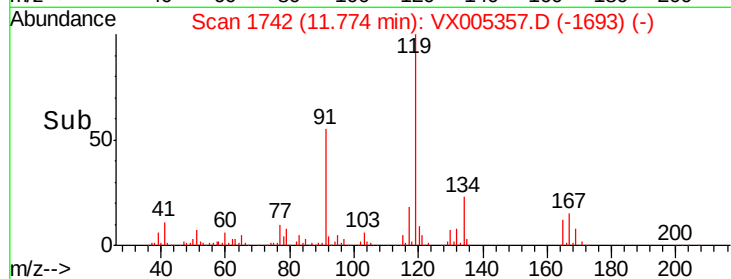
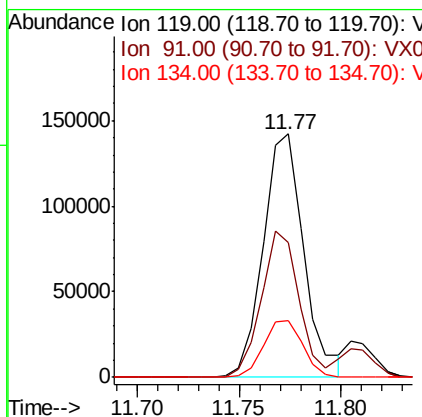
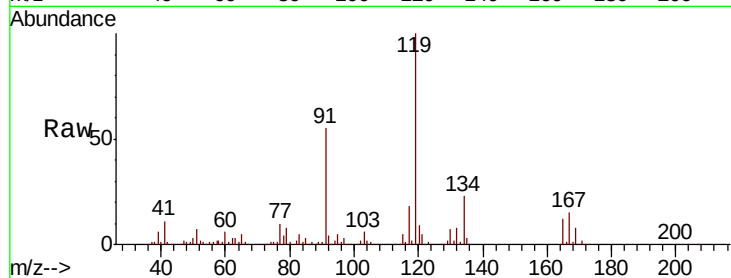




#83
 tert-Butylbenzene
 Concen: 19.710 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

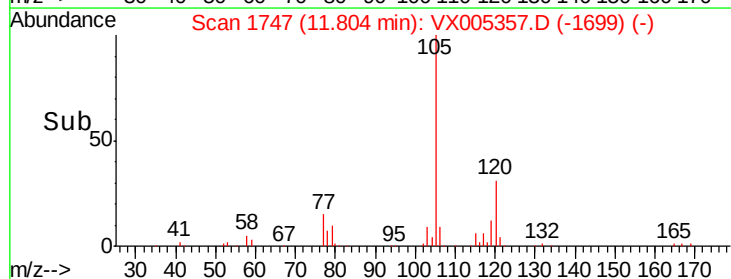
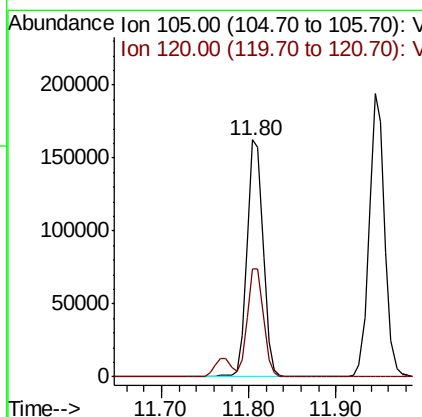
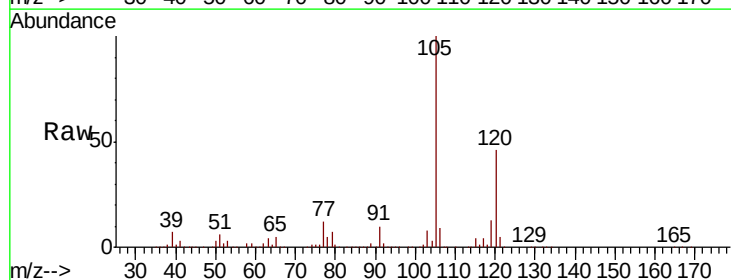
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

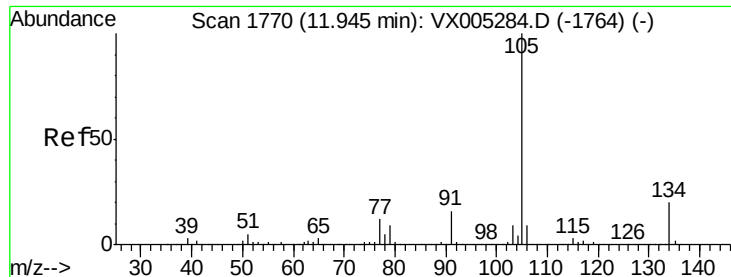
Tgt Ion:119 Resp: 196778
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.309 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion:105 Resp: 206060
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.6

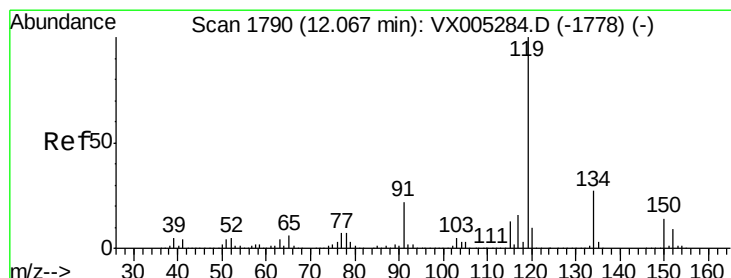
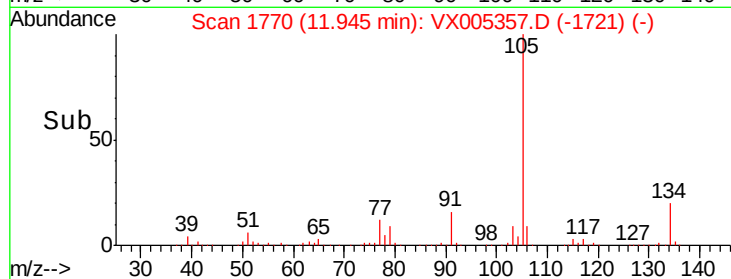
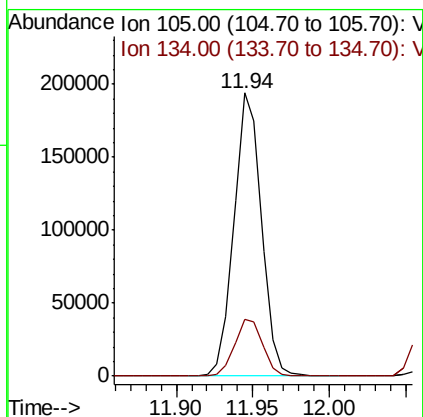
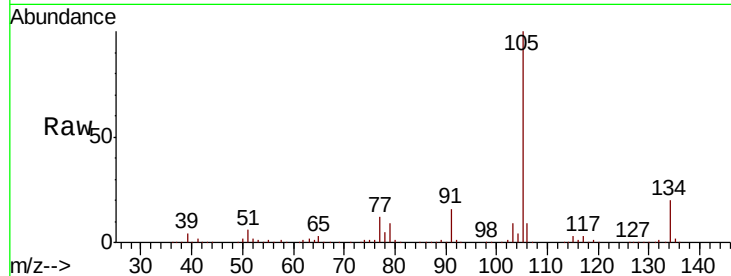




#85
 sec-Butylbenzene
 Concen: 20.384 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

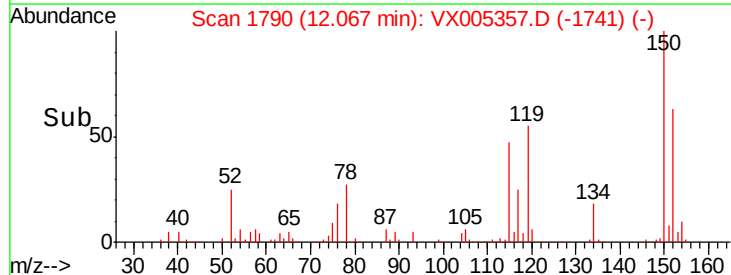
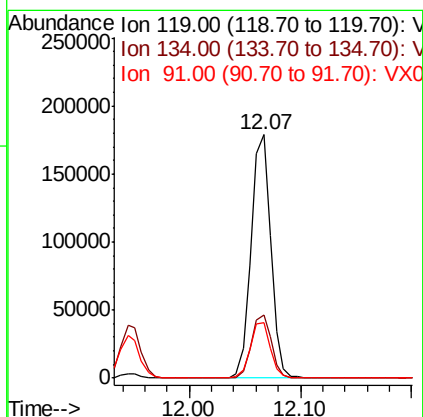
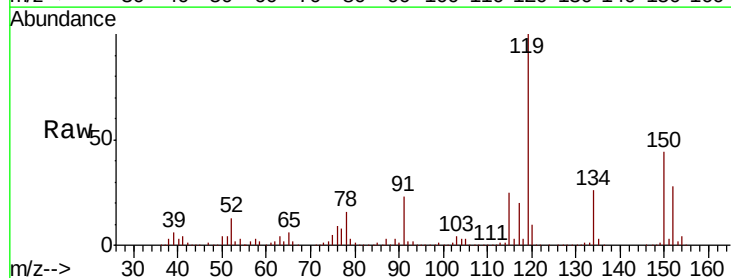
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

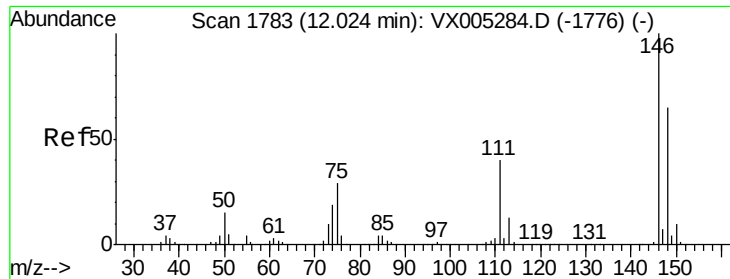
Tgt Ion:105 Resp: 240836
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.630 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion:119 Resp: 220307
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 23.2 10.9 32.7

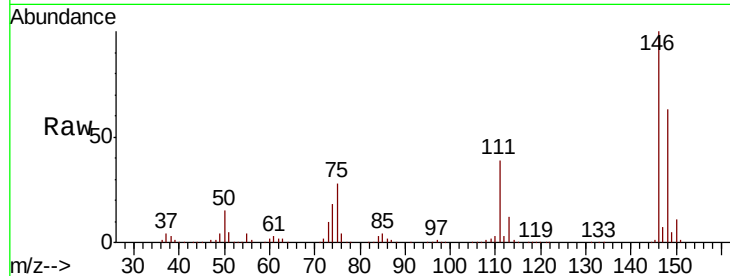




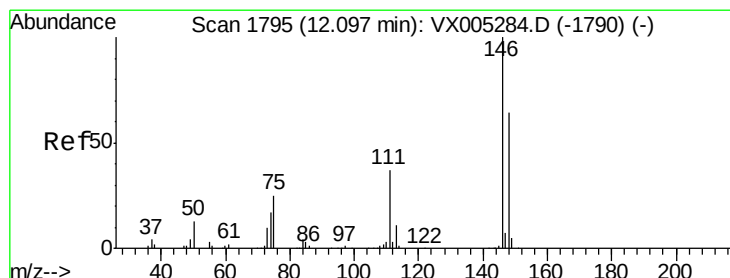
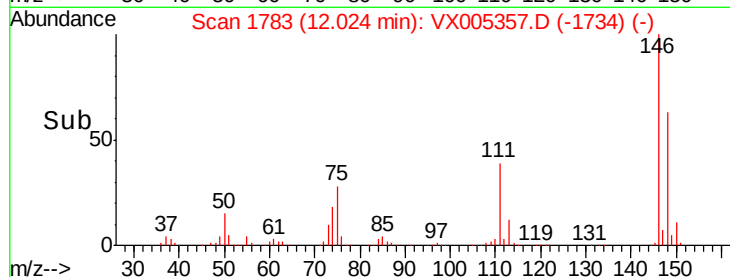
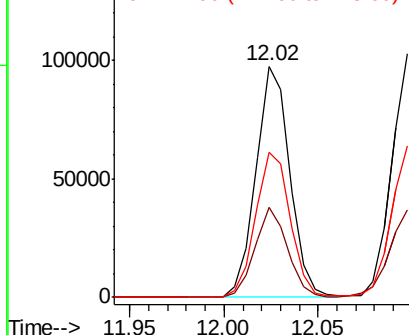
#87
 1,3-Dichlorobenzene
 Concen: 19.757 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX1016WBS01

Tgt Ion:146 Resp: 121529
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.4 32.1 96.5

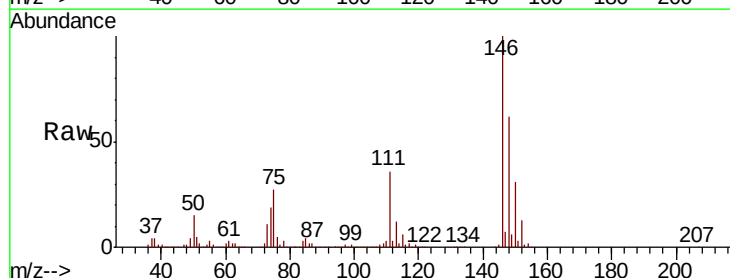


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

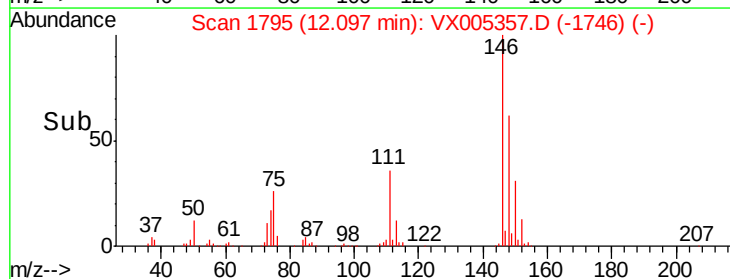
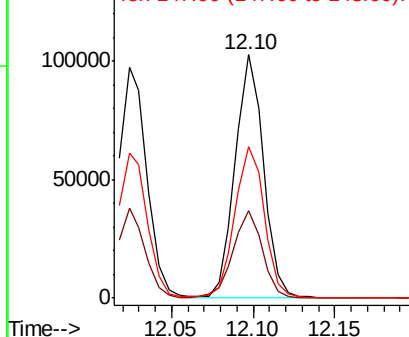


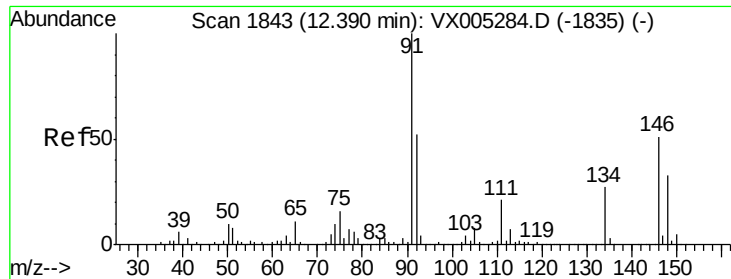
#88
 1,4-Dichlorobenzene
 Concen: 19.804 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion:146 Resp: 124626
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.1
 148 64.8 32.0 96.0



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

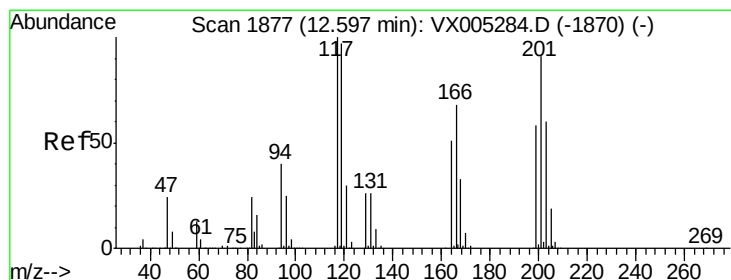
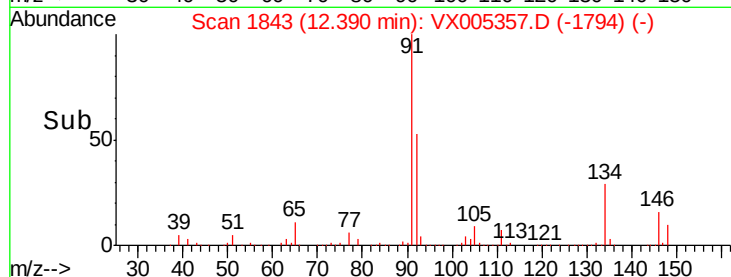
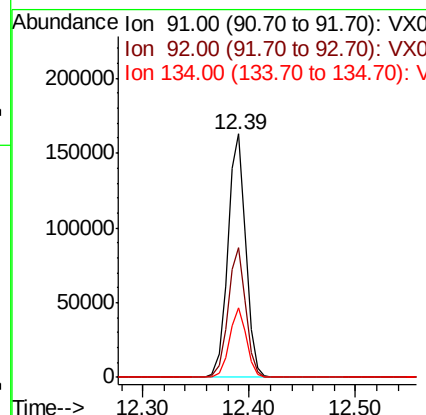
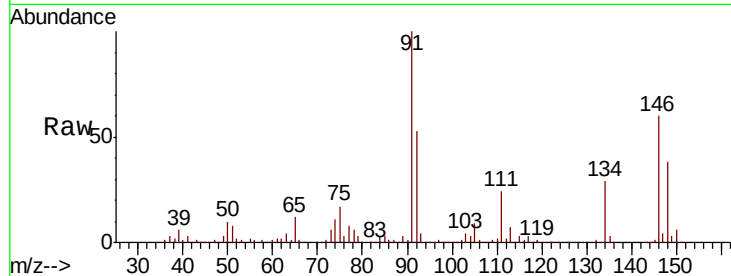




#89
n-Butylbenzene
Concen: 19.681 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

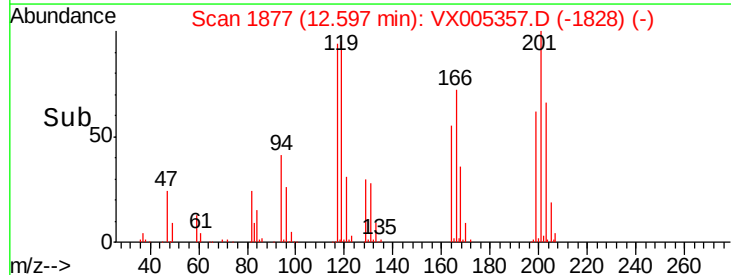
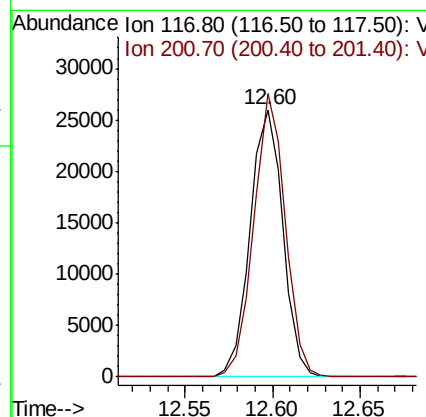
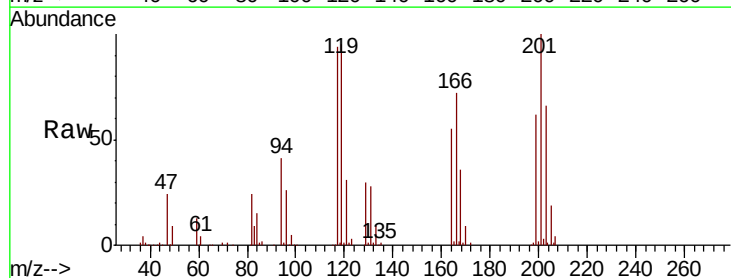
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

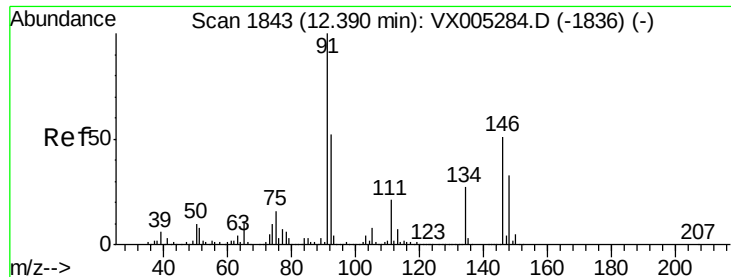
Tgt Ion: 91 Resp: 190830
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 18.390 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion: 117 Resp: 33845
Ion Ratio Lower Upper
117 100
201 101.6 46.9 140.6

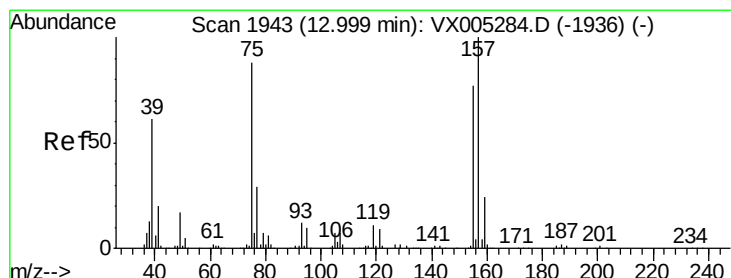
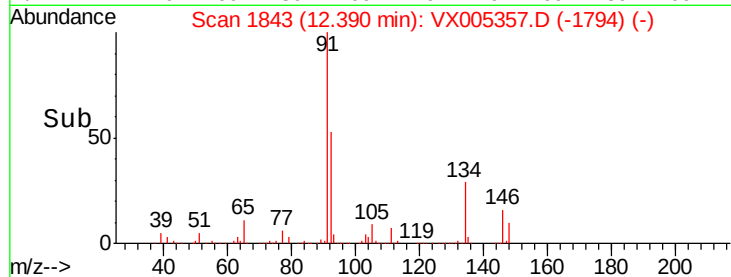
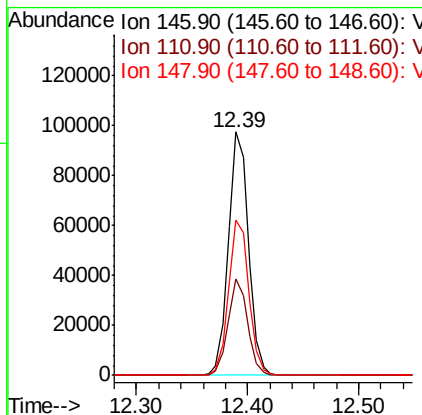
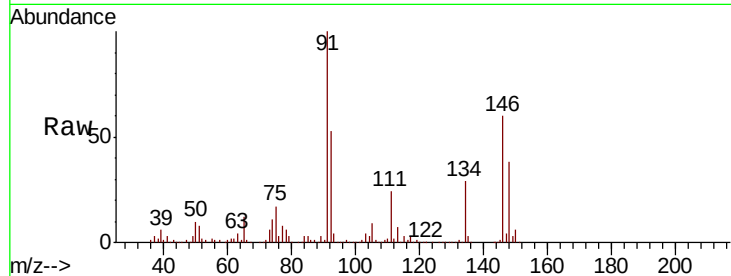




#91
 1,2-Dichlorobenzene
 Concen: 19.391 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

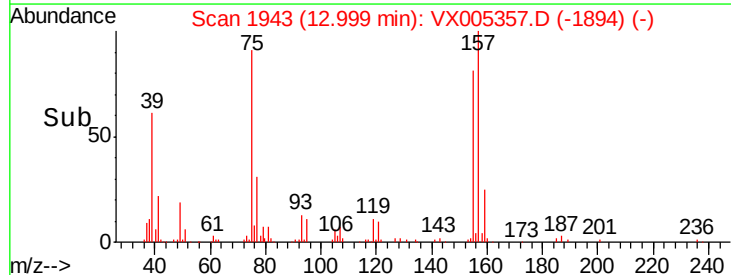
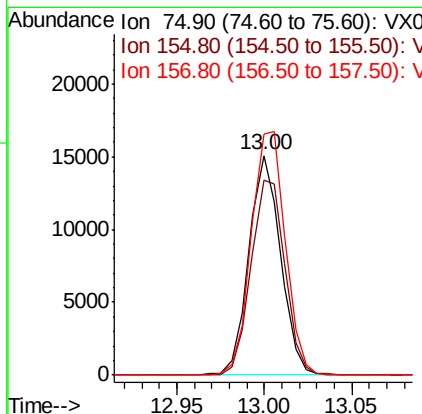
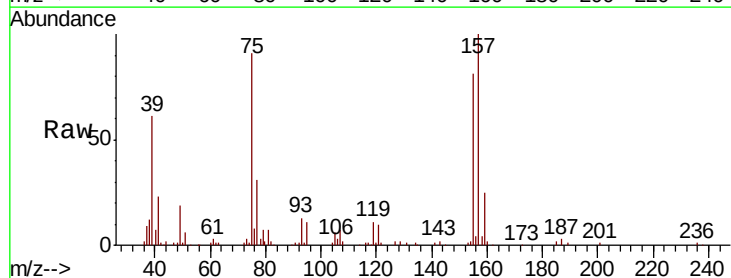
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

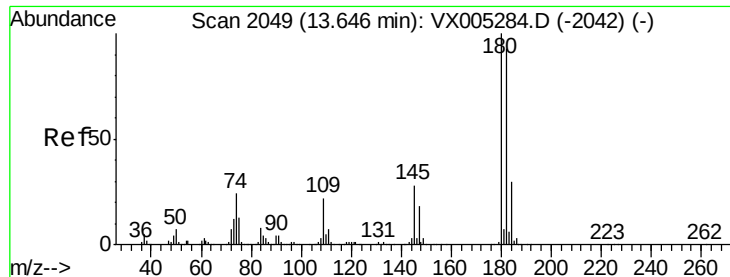
Tgt Ion: 146 Resp: 121722
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.3 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.823 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion: 75 Resp: 18882
 Ion Ratio Lower Upper
 75 100
 155 95.4 48.0 144.2
 157 119.6 61.4 184.1

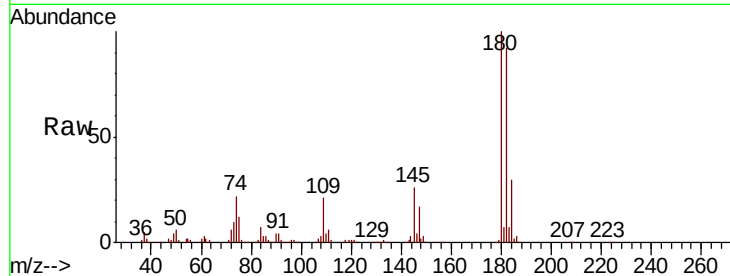




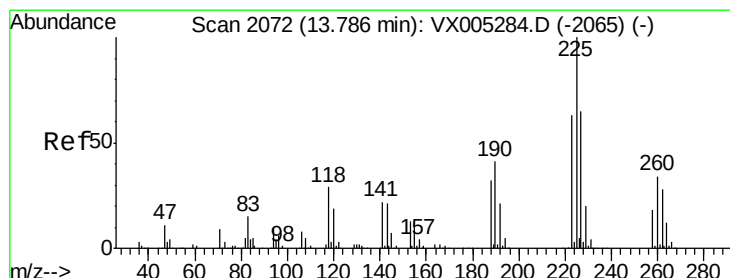
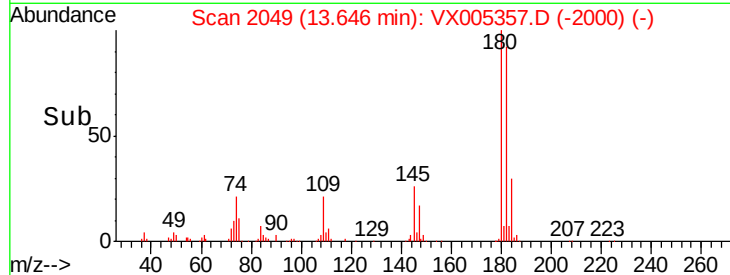
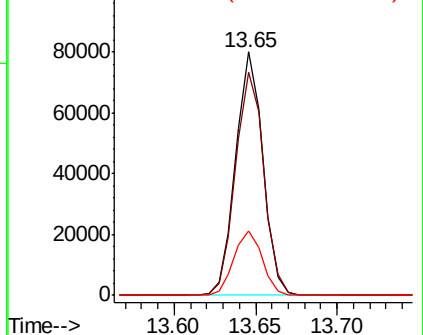
#93
 1,2,4-Trichlorobenzene
 Concen: 20.218 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tgt Ion:180 Resp: 93113
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.4 145.0
 145 27.5 14.3 42.9

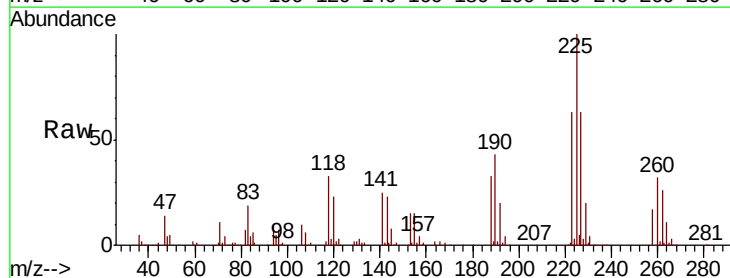


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

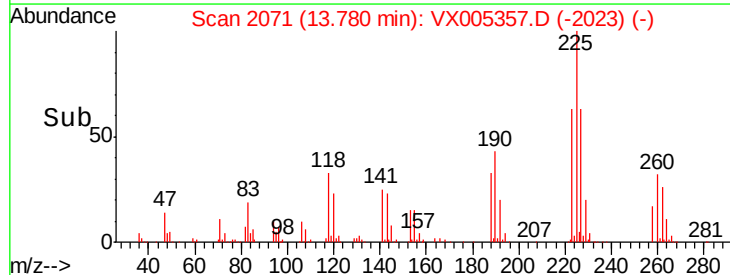
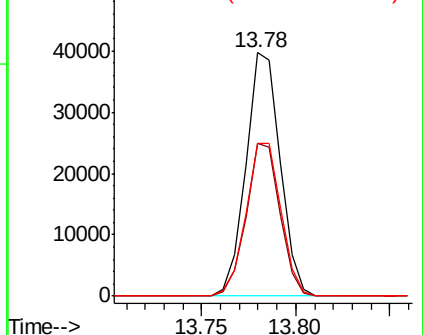


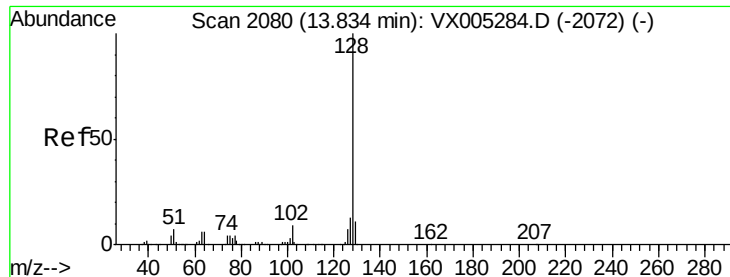
#94
 Hexachlorobutadiene
 Concen: 20.586 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005357.D
 Acq: 16 Oct 2018 09:13

Tgt Ion:225 Resp: 50072
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.1 90.5
 227 64.4 30.8 92.4



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

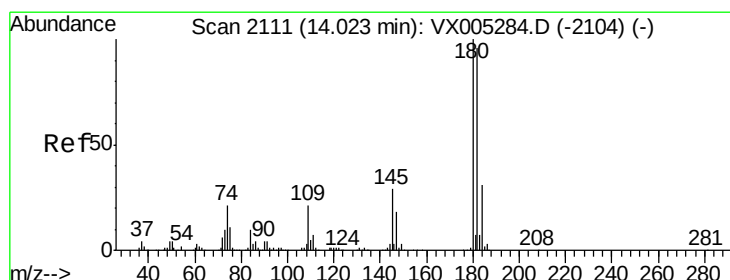
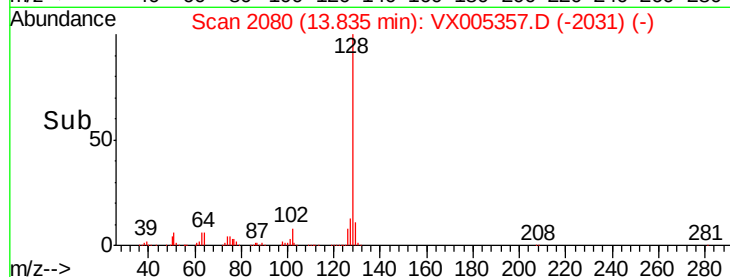
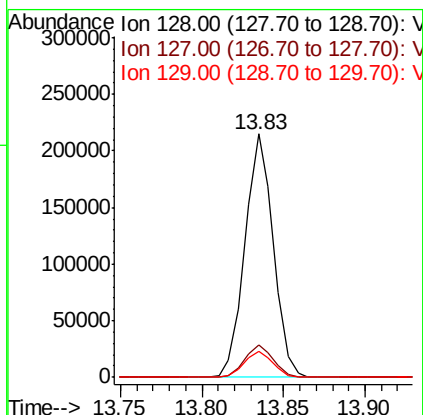
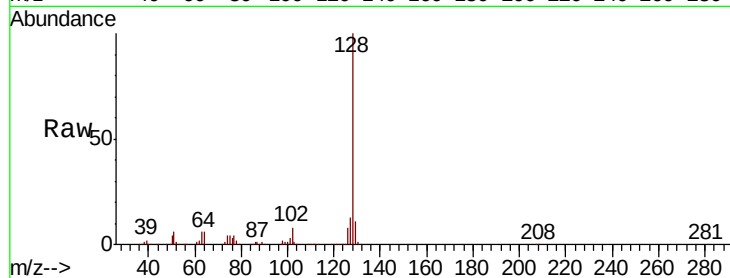




#95
Naphthalene
Concen: 19.530 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.050 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005357.D
Acq: 16 Oct 2018 09:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.5	145.6
145	29.6	14.9	44.9

