

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002299.D
 Acq On : 05 Jun 2018 12:25
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Quant Time: Jun 06 04:28:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187702	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	140318	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	8.72	98	548446	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	11.14	95	207667	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60812	21.06	ug/l	99
3) Chloromethane	1.33	50	70973	19.71	ug/l	99
4) Vinyl Chloride	1.41	62	74356	20.43	ug/l	100
5) Bromomethane	1.65	94	48476	21.65	ug/l	99
6) Chloroethane	1.73	64	46228	19.64	ug/l	99
7) Trichlorofluoromethane	1.94	101	119524	21.56	ug/l	98
8) Diethyl Ether	2.20	74	44229	21.06	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69518	23.23	ug/l	100
10) Methyl Iodide	2.52	142	74668	17.74	ug/l	99
11) Tert butyl alcohol	3.07	59	89777	98.27	ug/l	100
12) 1,1-Dichloroethene	2.39	96	59990	20.29	ug/l	95
13) Acrolein	2.30	56	43724	105.21	ug/l	99
14) Allyl chloride	2.73	41	121807	18.98	ug/l	99
15) Acrylonitrile	3.15	53	186782	104.86	ug/l	99
16) Acetone	2.45	43	193275	101.77	ug/l	99
17) Carbon Disulfide	2.58	76	142205	18.25	ug/l	98
18) Methyl Acetate	2.78	43	88779	20.73	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	228563	20.80	ug/l	99
20) Methylene Chloride	2.87	84	69174	20.39	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63895	19.59	ug/l	98
22) Diisopropyl ether	3.88	45	239381	21.48	ug/l	97
23) Vinyl Acetate	3.83	43	1049420	100.87	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125647	19.81	ug/l	98
25) 2-Butanone	4.71	43	249886	91.75	ug/l	99
26) 2,2-Dichloropropane	4.60	77	87301	17.61	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66252	18.68	ug/l	95
28) Bromochloromethane	5.03	49	56121	18.57	ug/l	99
29) Tetrahydrofuran	5.17	42	159847	91.03	ug/l	99
30) Chloroform	5.22	83	114593	18.72	ug/l	97
31) Cyclohexane	5.59	56	102602	20.46	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	98057	18.89	ug/l	98
36) 1,1-Dichloropropene	5.81	75	83530	20.26	ug/l	99
37) Ethyl Acetate	4.87	43	96712	19.50	ug/l	99
38) Carbon Tetrachloride	5.79	117	85432	19.81	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0605WBSD01

Quant Time: Jun 06 04:28:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106434	21.05	ug/l	99
40) Benzene	6.15	78	254125	20.10	ug/l	100
41) Methacrylonitrile	5.07	41	55217	19.45	ug/l	99
42) 1,2-Dichloroethane	6.21	62	102009	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	161464	19.17	ug/l	99
44) Trichloroethene	7.22	130	72085	20.54	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65818	19.28	ug/l	99
46) Dibromomethane	7.66	93	44464	19.22	ug/l	98
47) Bromodichloromethane	7.90	83	78663	18.80	ug/l	98
48) Methyl methacrylate	7.78	41	82540	19.51	ug/l	100
49) 1,4-Dioxane	7.76	88	32577	411.84	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	513332	97.87	ug/l	100
52) Toluene	8.79	92	165234	20.55	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	96635	19.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	89119	18.82	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	67900	20.53	ug/l	98
56) Ethyl methacrylate	9.18	69	101903	19.30	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110793	19.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	242052	99.05	ug/l	100
59) 2-Hexanone	9.50	43	396578	97.89	ug/l	99
60) Dibromochloromethane	9.59	129	63402	19.06	ug/l	99
61) 1,2-Dibromoethane	9.68	107	69357	20.11	ug/l	99
64) Tetrachloroethene	9.34	164	82327	21.16	ug/l	98
65) Chlorobenzene	10.14	112	187234	19.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	65308	19.21	ug/l	100
67) Ethyl Benzene	10.26	91	322817	20.55	ug/l	100
68) m/p-Xylenes	10.37	106	248299	40.66	ug/l	98
69) o-Xylene	10.70	106	121963	20.07	ug/l	99
70) Styrene	10.72	104	199203	20.05	ug/l	99
71) Bromoform	10.86	173	46378	17.64	ug/l #	99
73) Isopropylbenzene	11.02	105	329769	20.09	ug/l	99
74) N-amyl acetate	6.47	43	161464	18.25	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96276	18.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	111030	21.44	ug/l	80
77) Bromobenzene	11.26	156	90069	19.54	ug/l	98
78) n-propylbenzene	11.37	91	378769	20.76	ug/l	100
79) 2-Chlorotoluene	11.43	91	222695	19.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283291	20.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23946	16.21	ug/l	89
82) 4-Chlorotoluene	11.51	91	263450	19.81	ug/l	100
83) tert-Butylbenzene	11.77	119	273115	19.92	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	289975	20.01	ug/l	99
85) sec-Butylbenzene	11.95	105	343625	21.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	311322	21.26	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	163777	19.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	166067	19.55	ug/l	99
89) n-Butylbenzene	12.39	91	264108	21.51	ug/l	100
90) Hexachloroethane	12.60	117	42064	18.00	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	167149	19.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19803	17.54	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

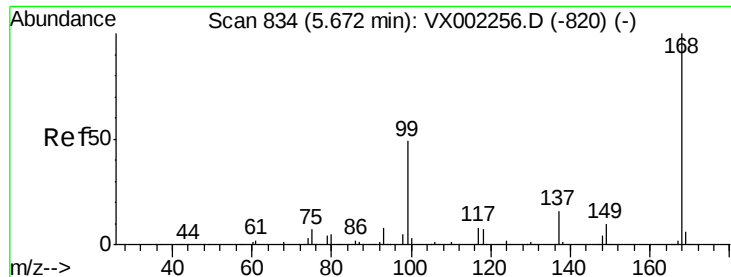
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Quant Time: Jun 06 04:28:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120874	20.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	64411	21.80	ug/l	99
95) Naphthalene	13.84	128	339116	19.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123993	20.34	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

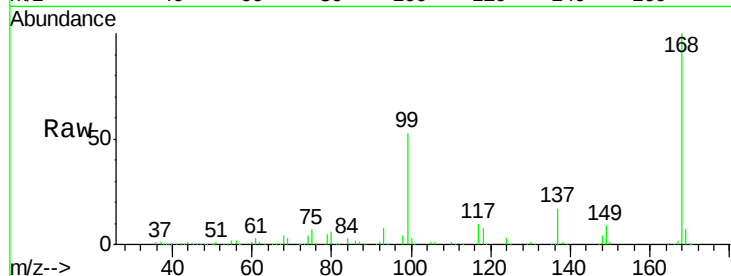
VX0605WBSD01

Tot Ion:168 Resp: 277777

Ion Ratio Lower Upper

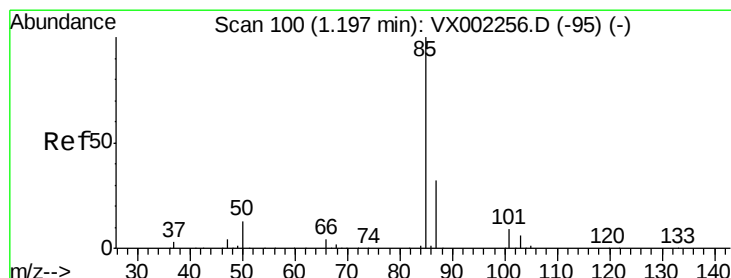
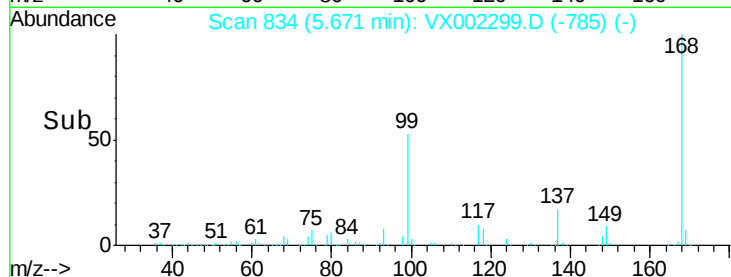
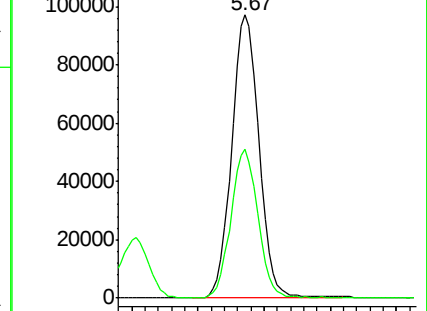
168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.06 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX002299.D

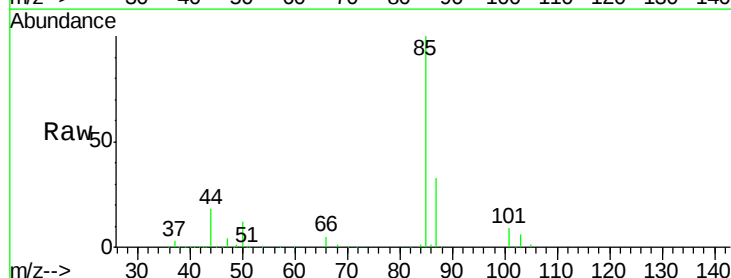
Acq: 05 Jun 2018 12:25

Tgt Ion: 85 Resp: 60812

Ion Ratio Lower Upper

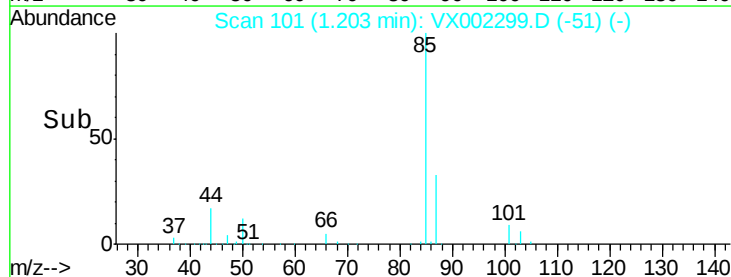
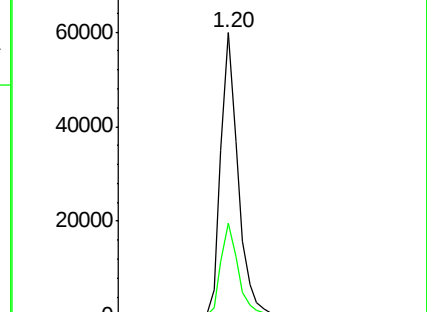
85 100

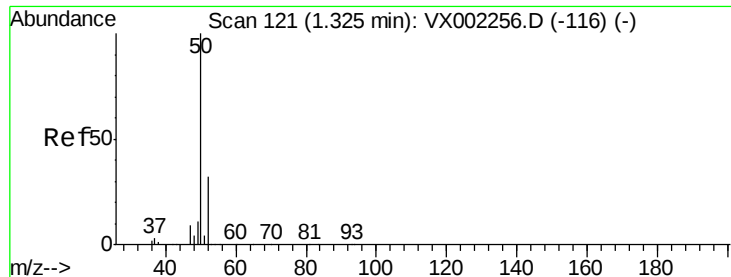
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.71 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

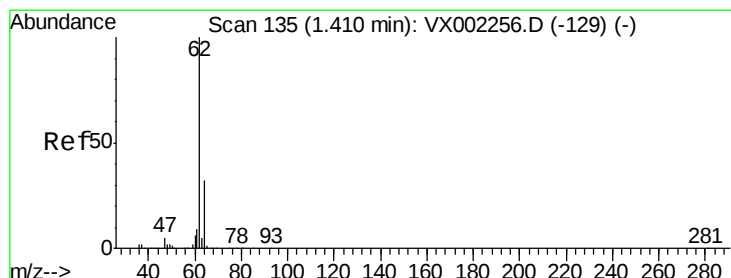
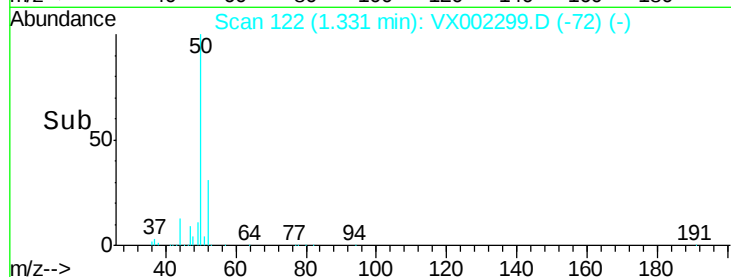
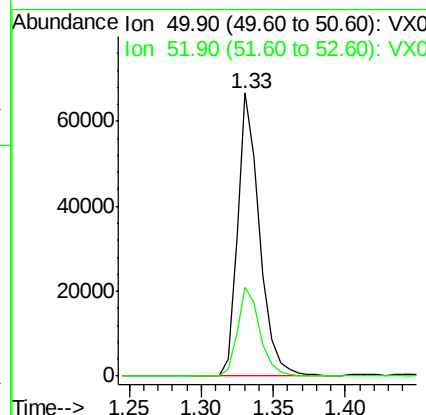
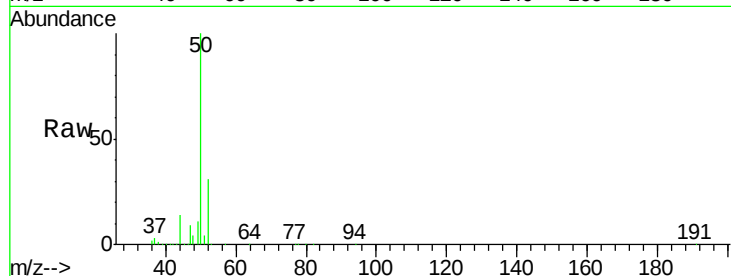
VX0605WBSD01

Tot Ion: 50 Resp: 70973

Ion Ratio Lower Upper

50 100

52 31.4 25.7 38.5



#4

Vinyl Chloride

Concen: 20.43 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002299.D

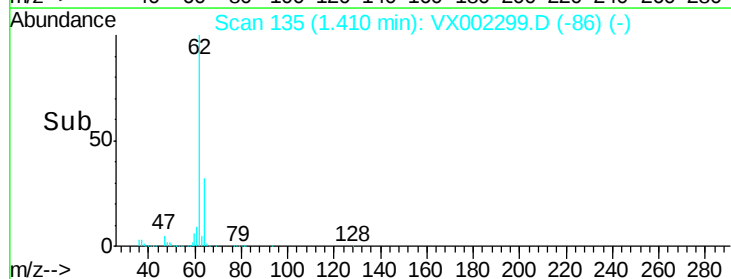
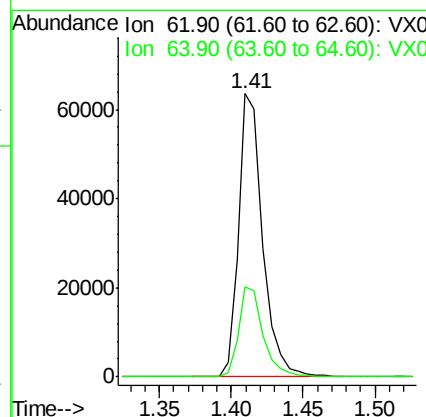
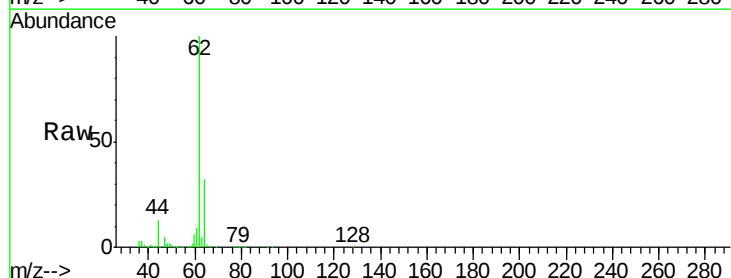
Acq: 05 Jun 2018 12:25

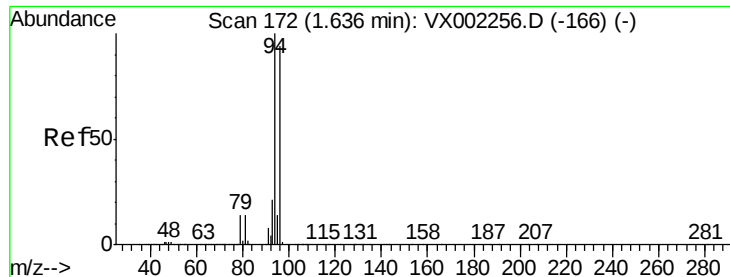
Tgt Ion: 62 Resp: 74356

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 21.65 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

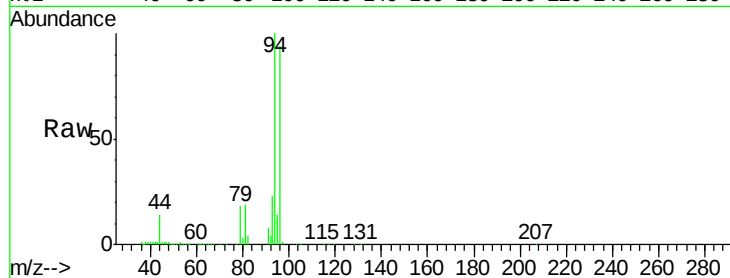
VX0605WBSD01

Tot Ion: 94 Resp: 48476

Ion Ratio Lower Upper

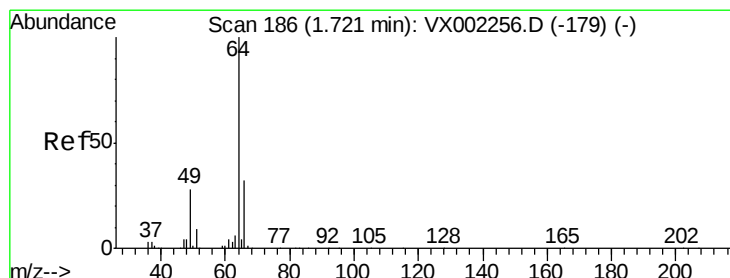
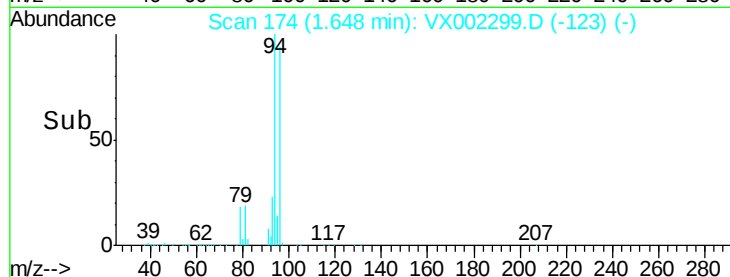
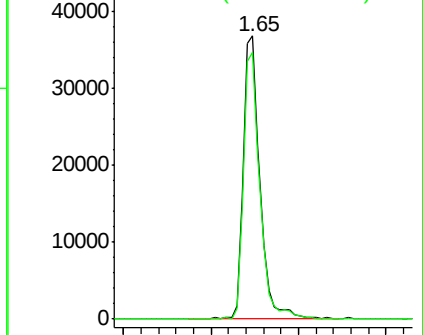
94 100

96 94.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.64 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX002299.D

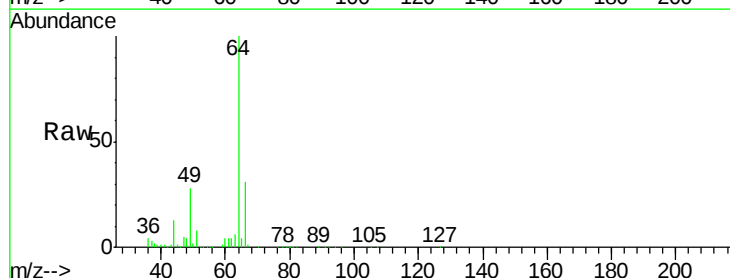
Acq: 05 Jun 2018 12:25

Tgt Ion: 64 Resp: 46228

Ion Ratio Lower Upper

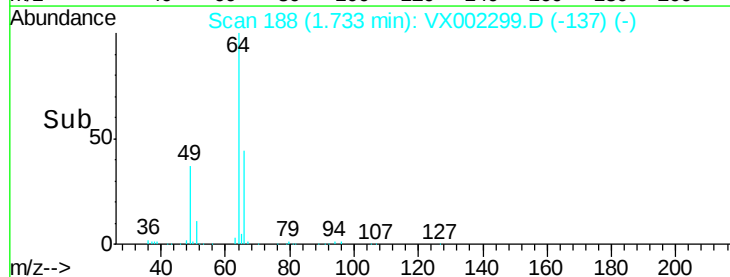
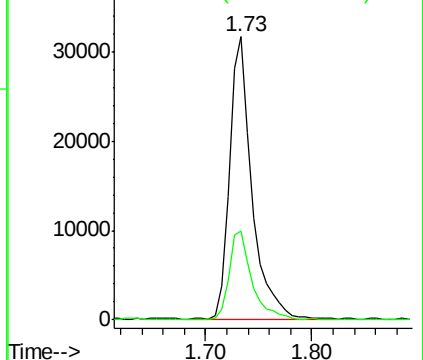
64 100

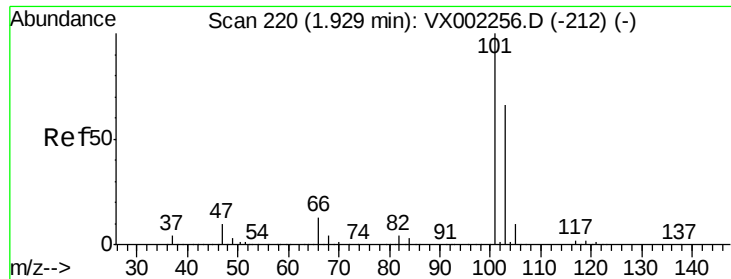
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 21.56 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

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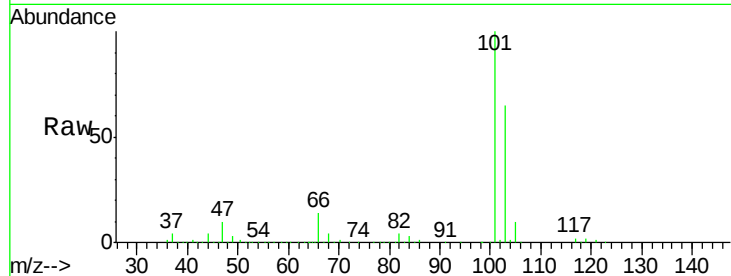
VX0605WBSD01

Tot Ion:101 Resp: 119524

Ion Ratio Lower Upper

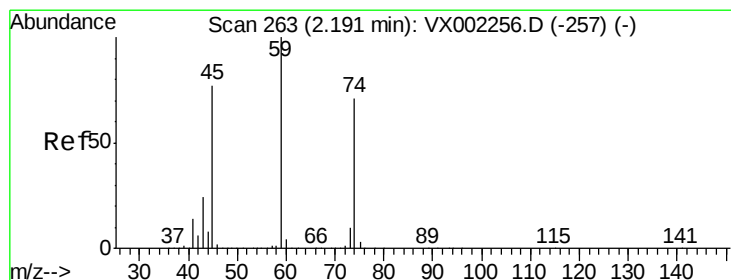
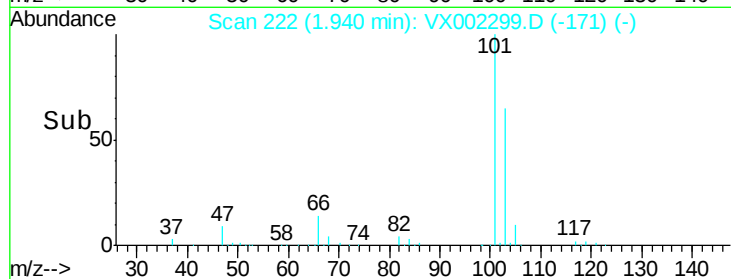
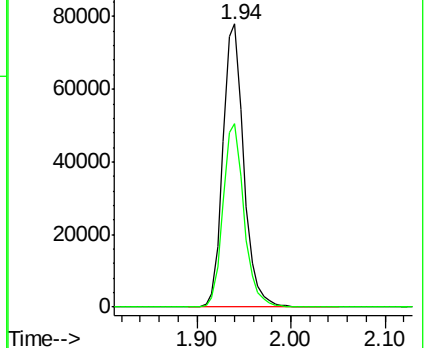
101 100

103 64.8 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.06 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX002299.D

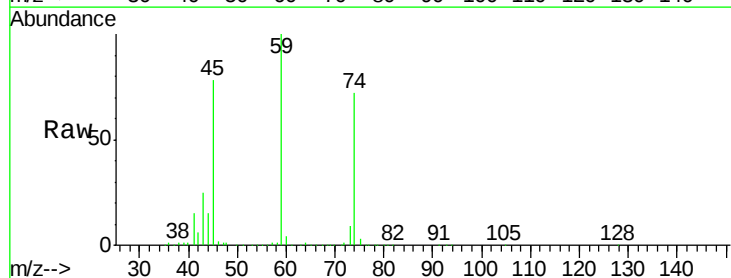
Acq: 05 Jun 2018 12:25

Tgt Ion: 74 Resp: 44229

Ion Ratio Lower Upper

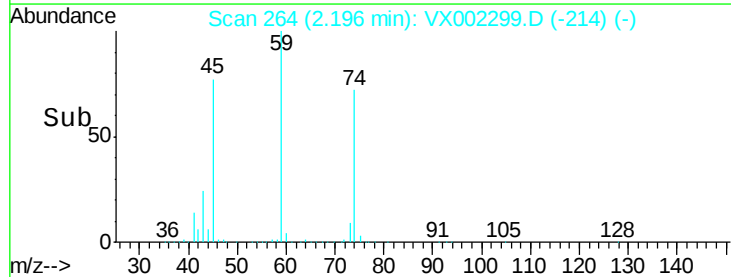
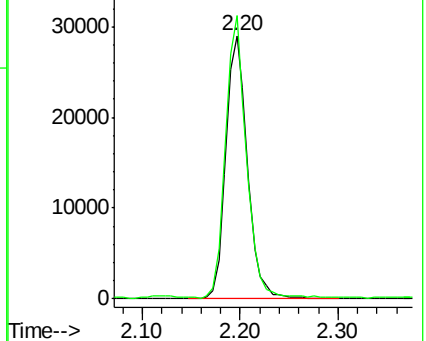
74 100

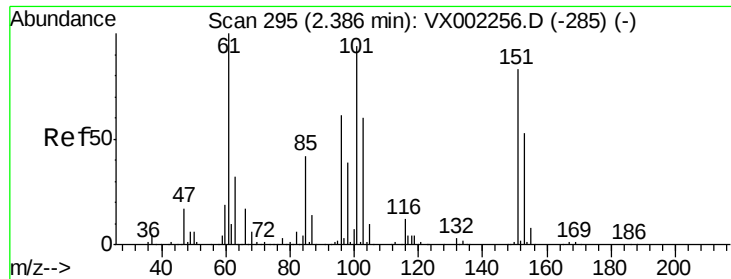
45 103.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.23 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

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MSVOA_X

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VX0605WBSD01

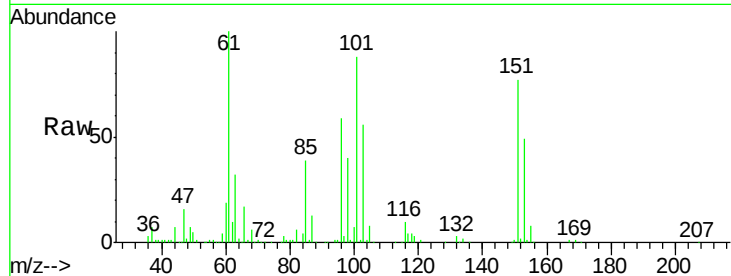
Tot Ion:101 Resp: 69518

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

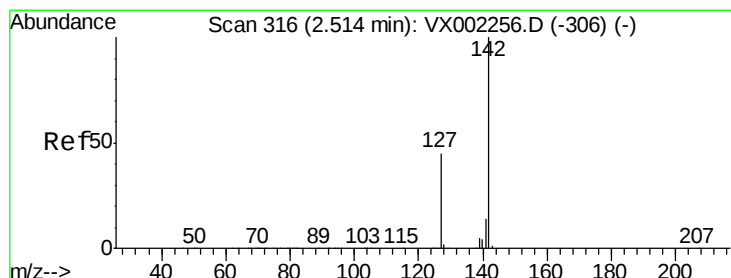
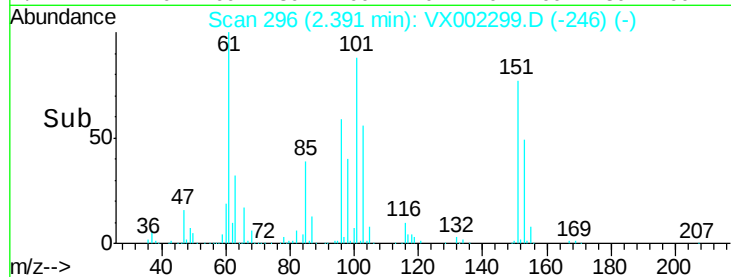
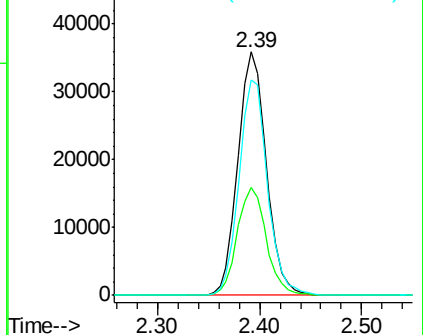
151 88.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.74 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

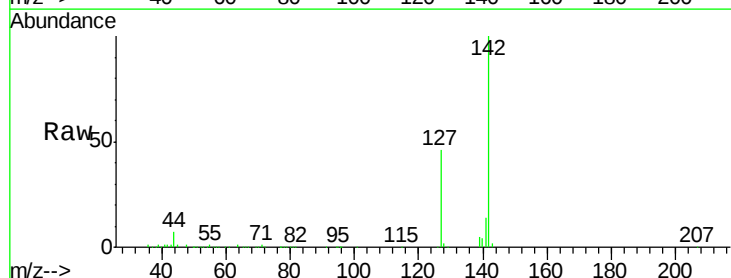
Tgt Ion:142 Resp: 74668

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

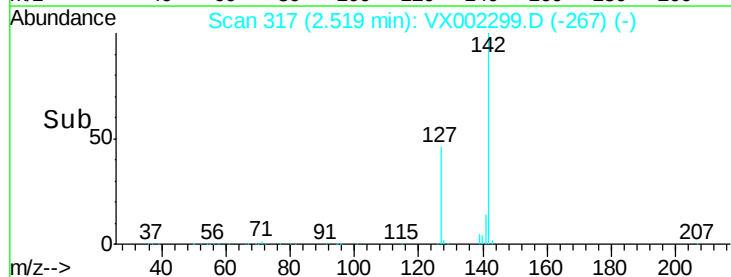
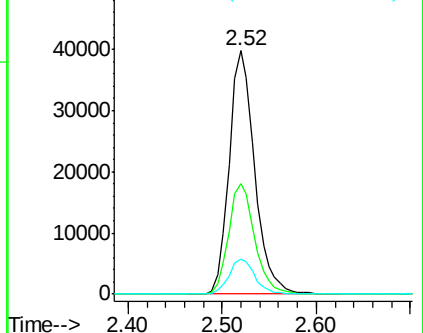
141 14.6 11.3 16.9

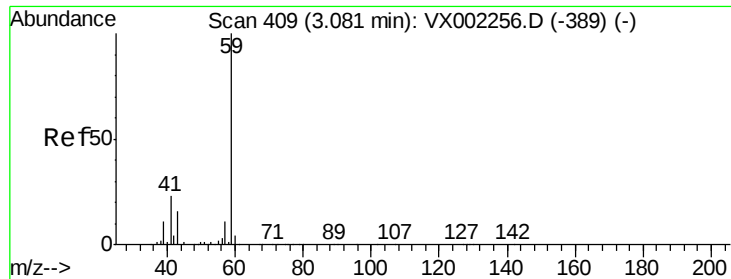


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

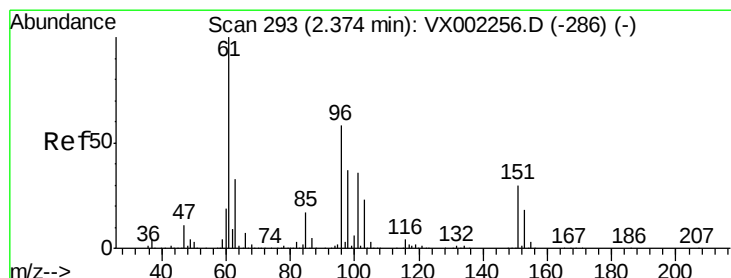
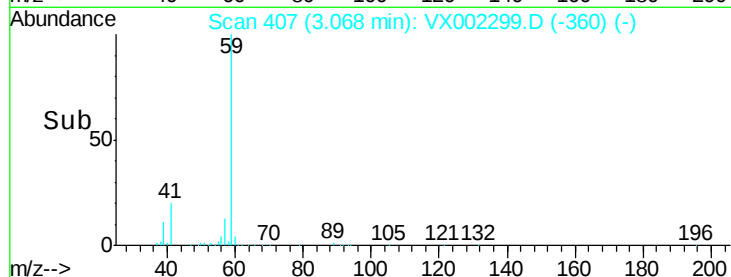
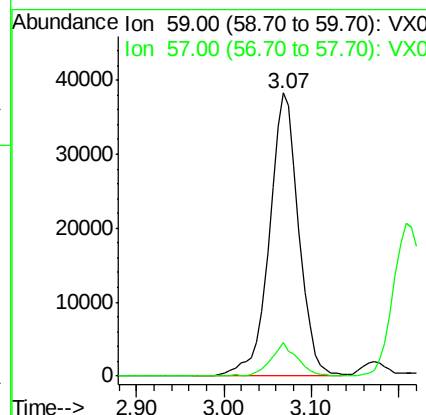
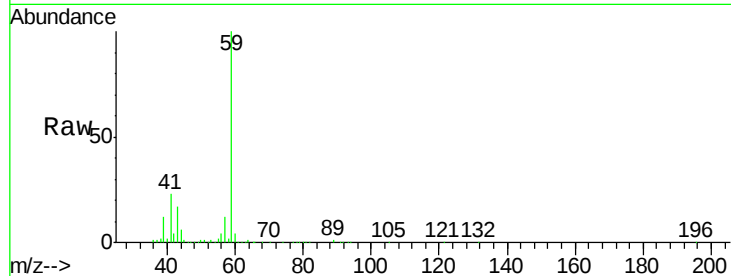




#11
Tert butyl alcohol
Concen: 98.27 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

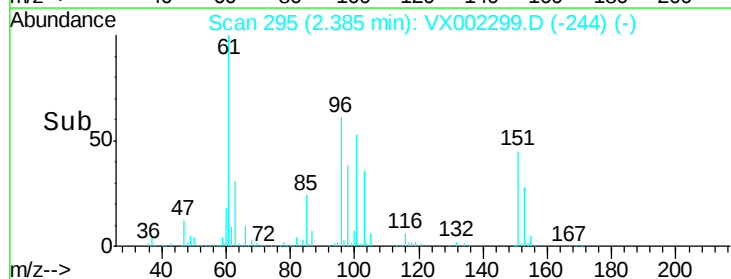
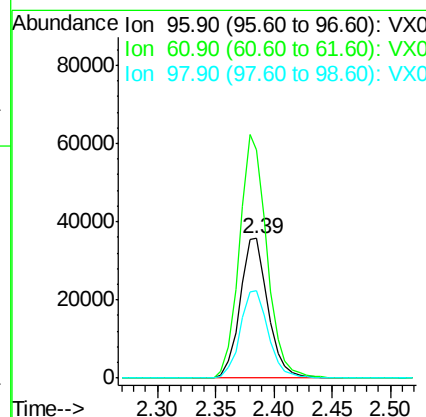
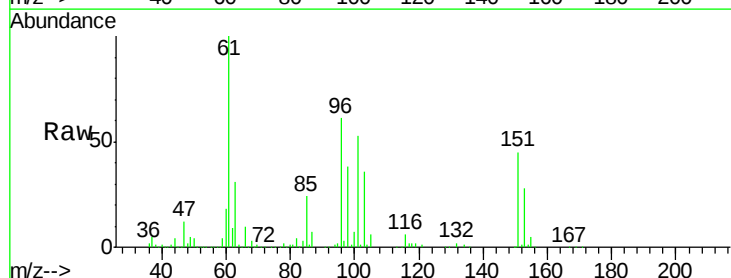
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

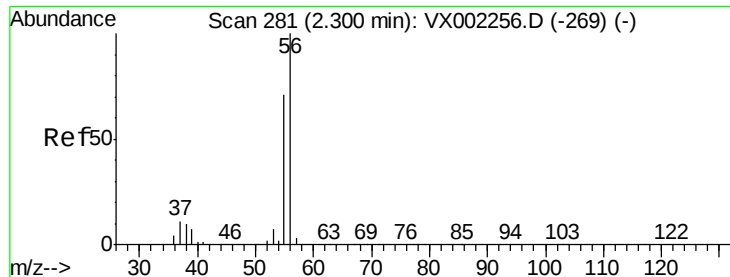
Tot Ion: 59 Resp: 89777
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.29 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 96 Resp: 59990
Ion Ratio Lower Upper
96 100
61 164.2 137.9 206.9
98 62.4 51.6 77.4





#13

Acrolein

Concen: 105.21 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

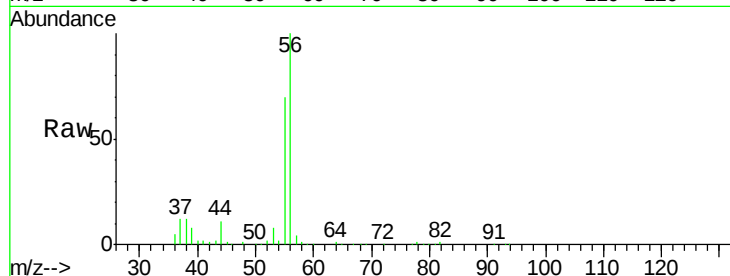
VX0605WBSD01

Tot Ion: 56 Resp: 43724

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

30000

25000

20000

15000

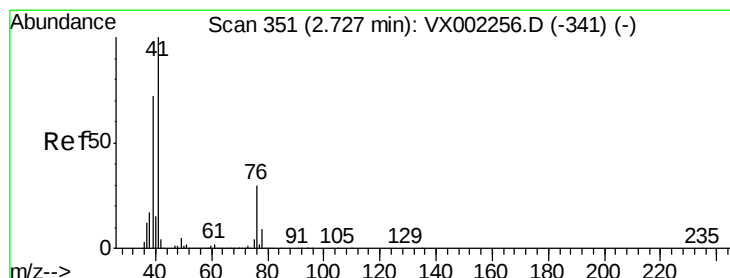
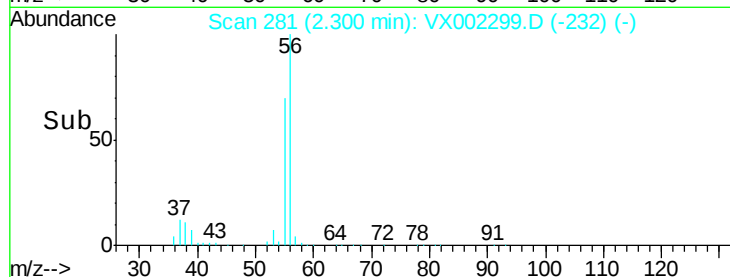
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 18.98 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

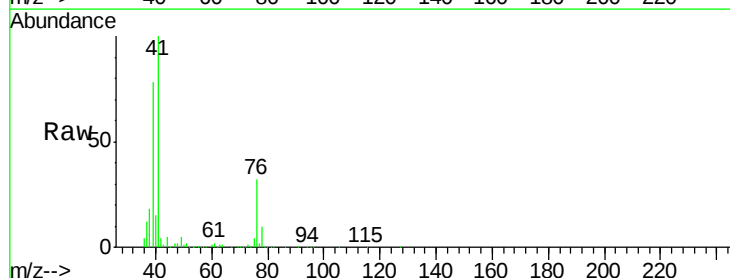
Tgt Ion: 41 Resp: 121807

Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 29.3 23.8 35.8



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

2.73

80000

60000

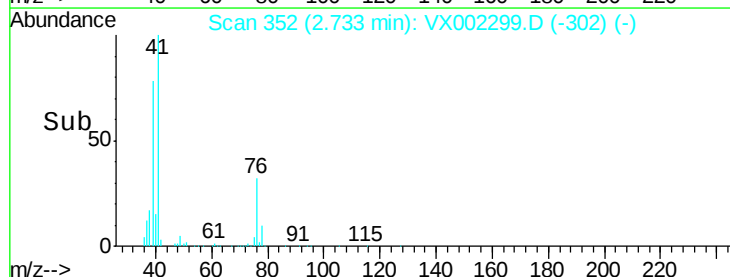
40000

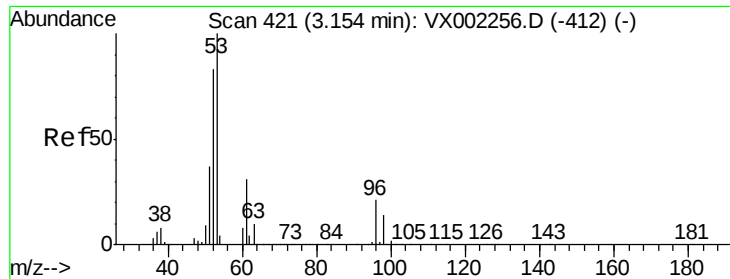
20000

0

Time-->

2.60 2.70 2.80

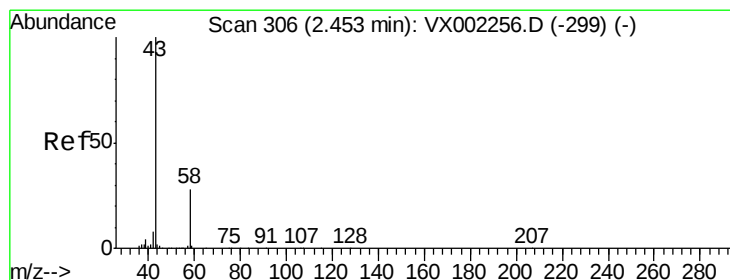
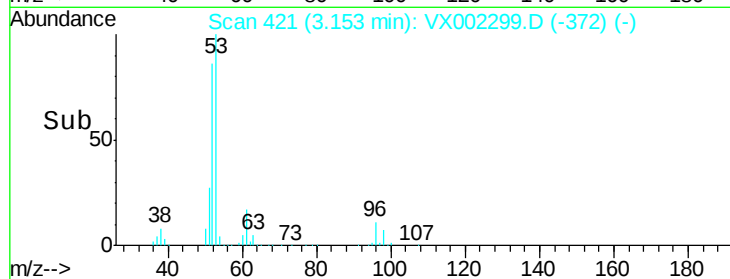
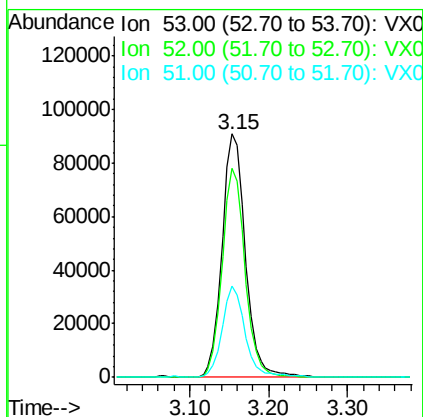
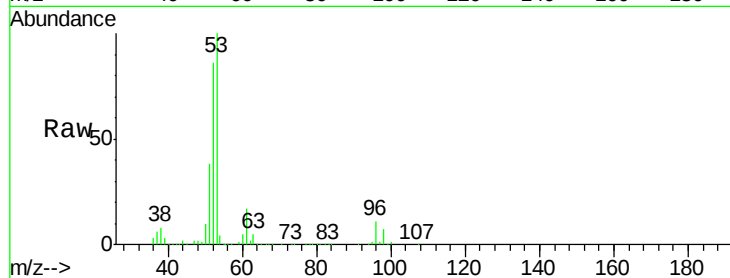




#15
 Acrylonitrile
 Concen: 104.86 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

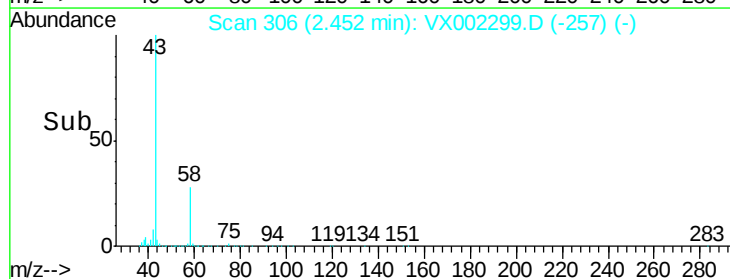
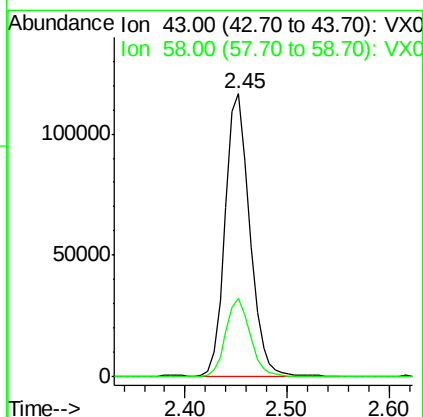
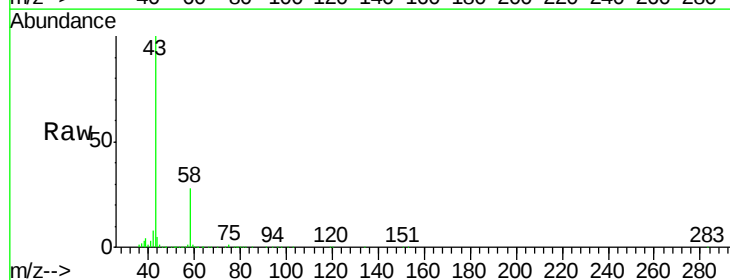
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

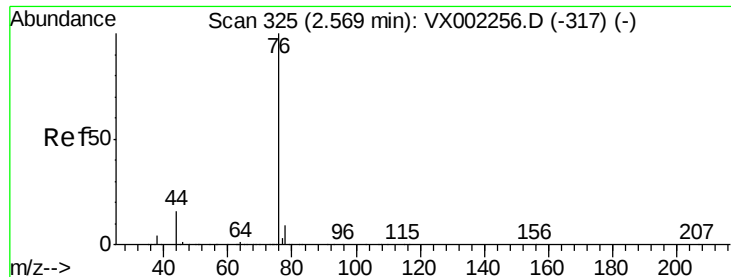
Tot Ion: 53 Resp: 186782
 Ion Ratio Lower Upper
 53 100
 52 84.2 66.7 100.1
 51 37.0 29.9 44.9



#16
 Acetone
 Concen: 101.77 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion: 43 Resp: 193275
 Ion Ratio Lower Upper
 43 100
 58 27.9 22.1 33.1

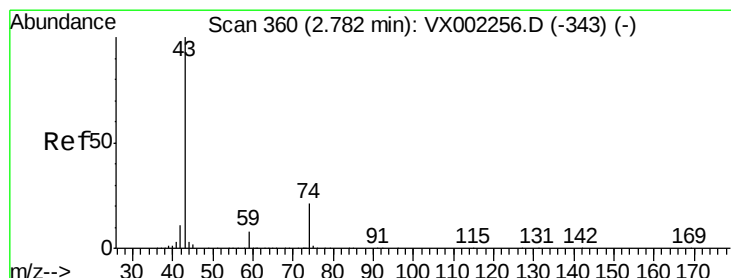
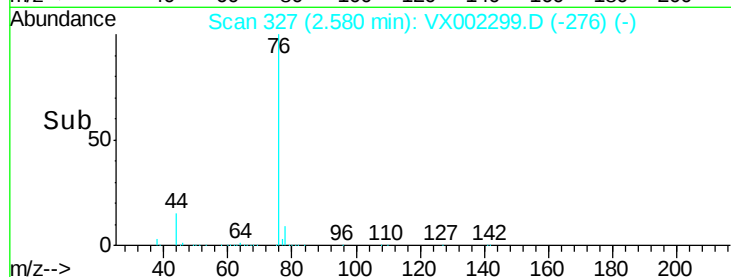
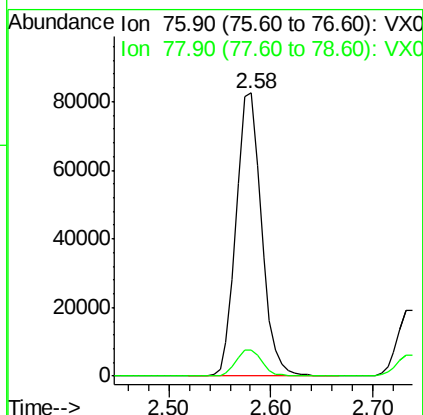
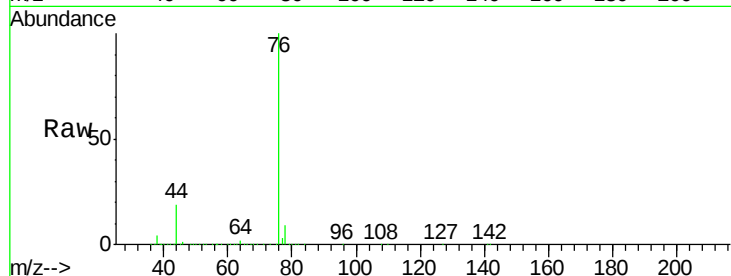




#17
Carbon Disulfide
Concen: 18.25 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

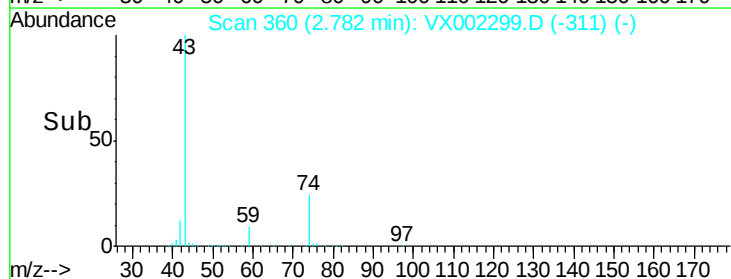
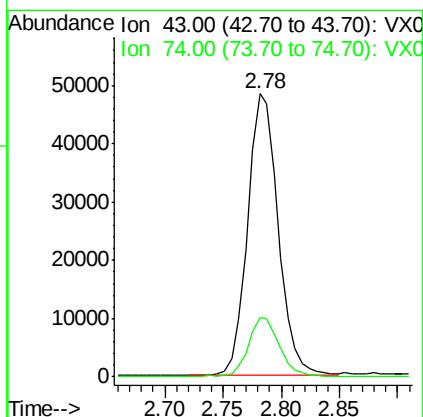
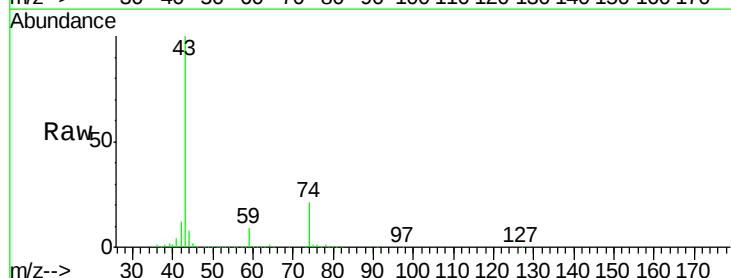
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

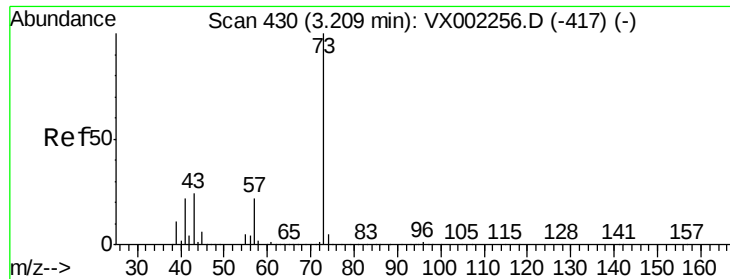
Tot Ion: 76 Resp: 142205
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 20.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 43 Resp: 88779
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1



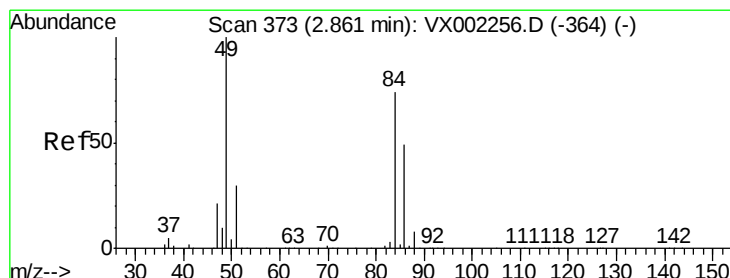
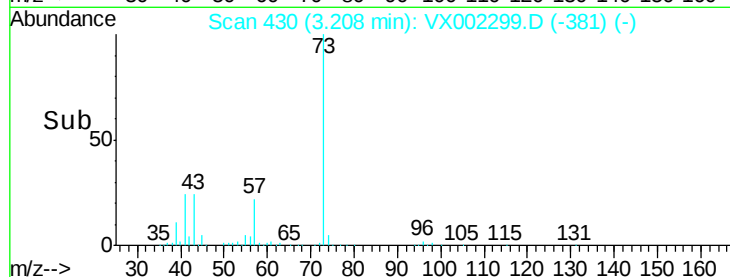
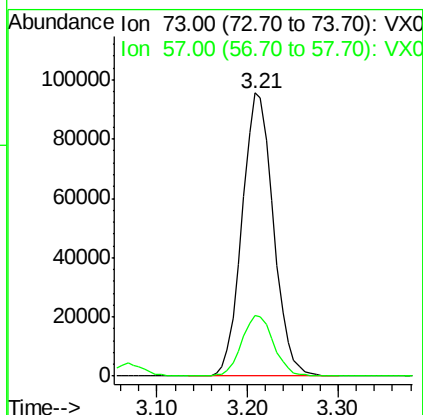
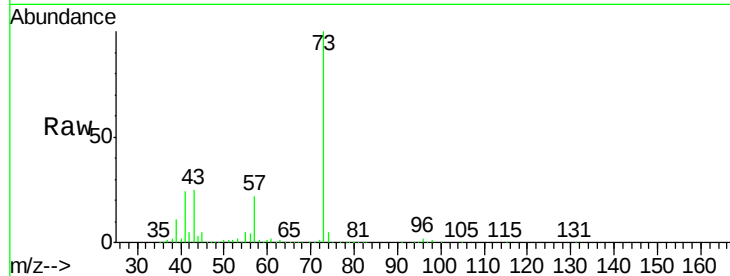


#19

Methyl tert-butyl Ether
 Concen: 20.80 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0605WBSD01

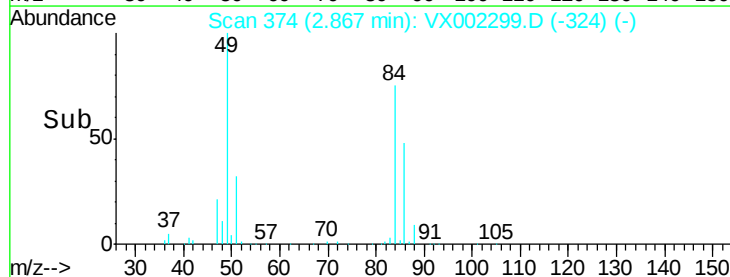
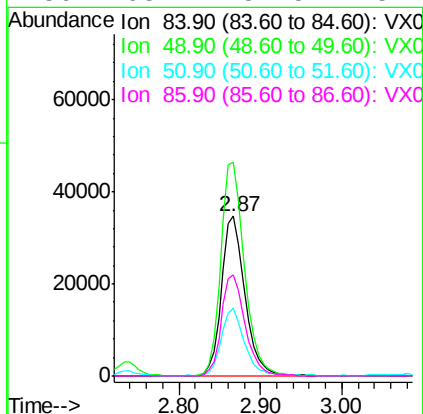
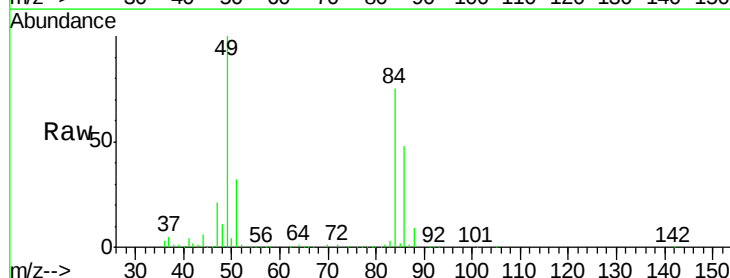
Tot Ion: 73 Resp: 228563
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

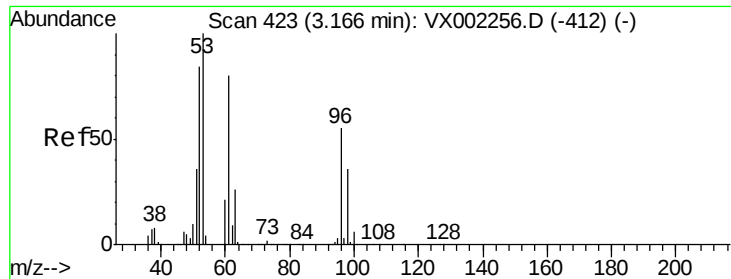


#20

Methylene Chloride
 Concen: 20.39 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion: 84 Resp: 69174
 Ion Ratio Lower Upper
 84 100
 49 133.4 107.8 161.6
 51 42.6 32.8 49.2
 86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

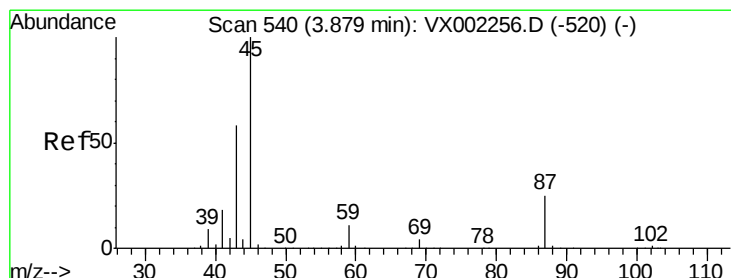
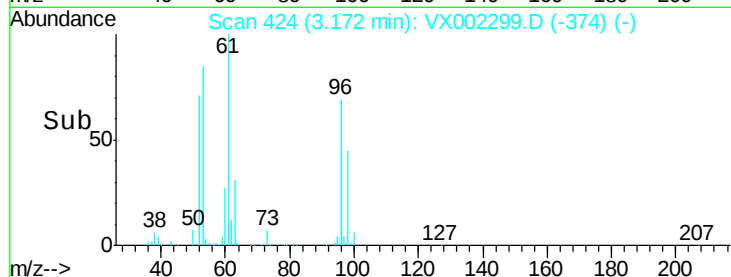
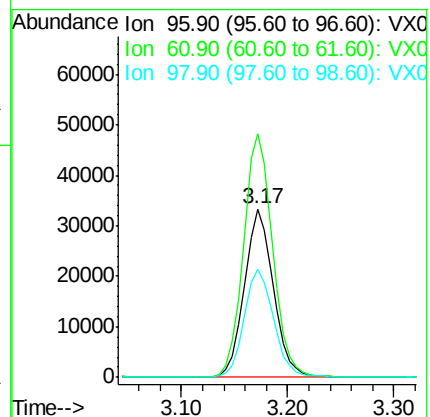
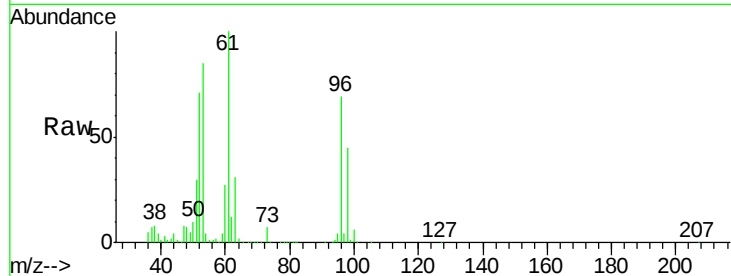
Tot Ion: 96 Resp: 63895

Ion Ratio Lower Upper

96 100

61 144.2 117.0 175.4

98 64.2 52.4 78.6



#22

Diisopropyl ether

Concen: 21.48 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion: 45 Resp: 239381

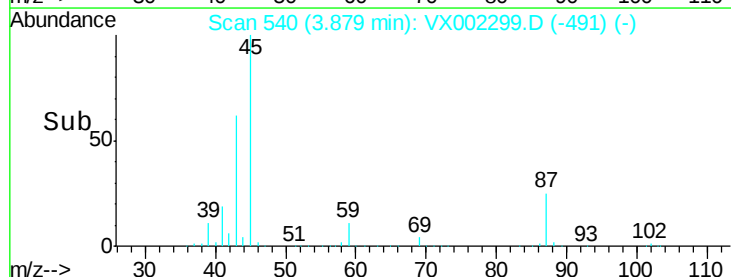
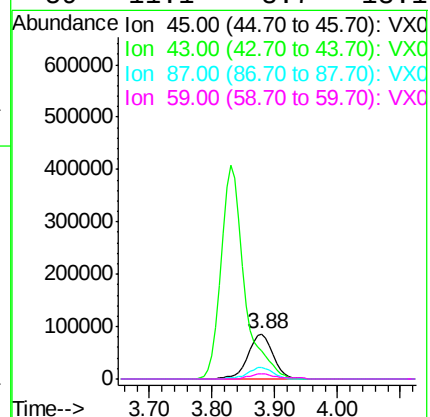
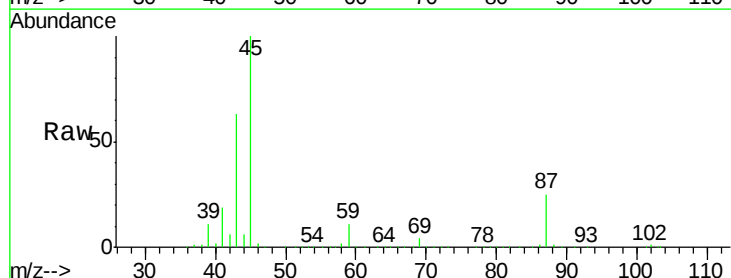
Ion Ratio Lower Upper

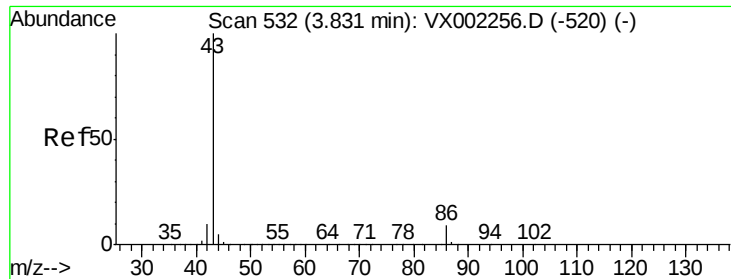
45 100

43 62.4 46.8 70.2

87 25.0 20.2 30.4

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 100.87 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

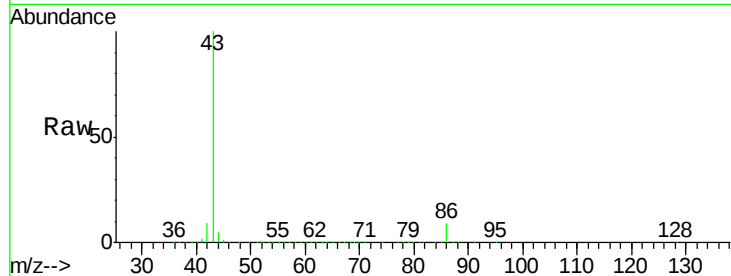
VX0605WBSD01

Tot Ion: 43 Resp: 1049420

Ion Ratio Lower Upper

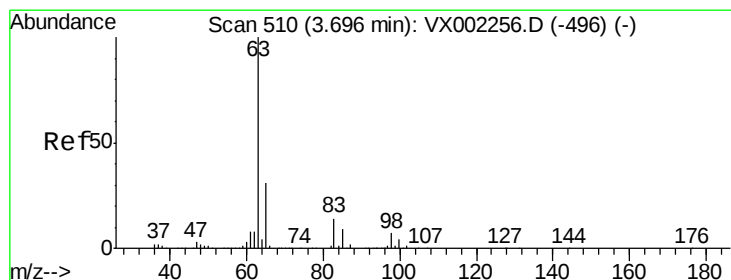
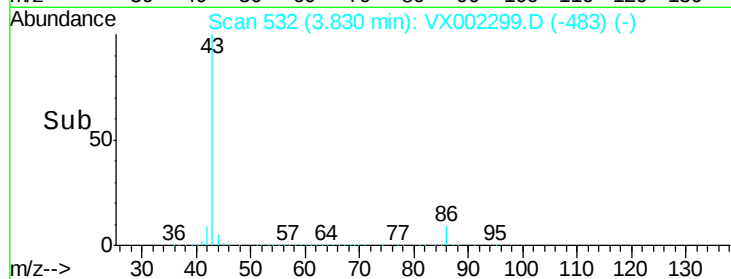
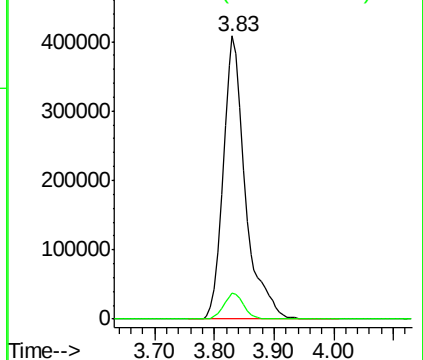
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.81 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

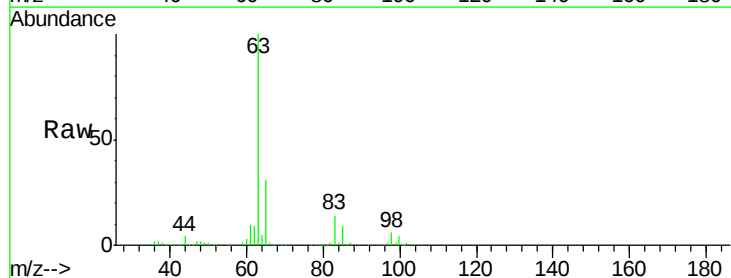
Tgt Ion: 63 Resp: 125647

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

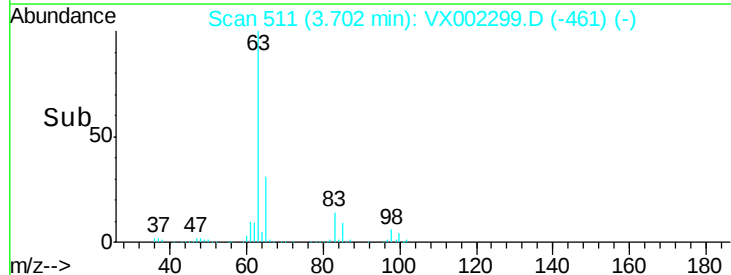
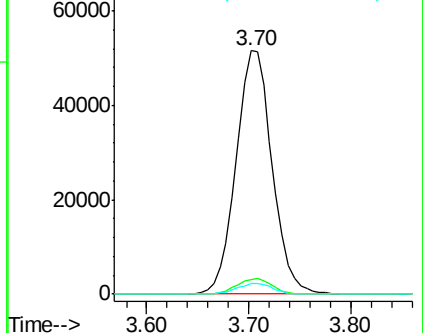
100 4.2 2.0 6.0

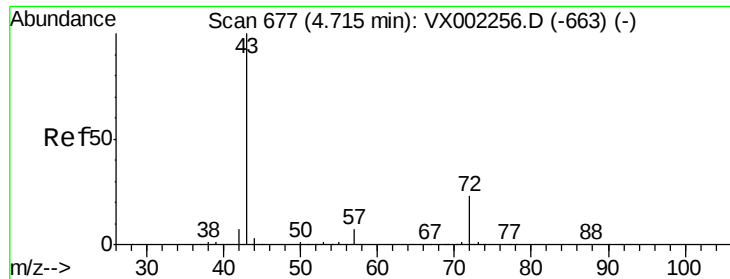


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.75 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

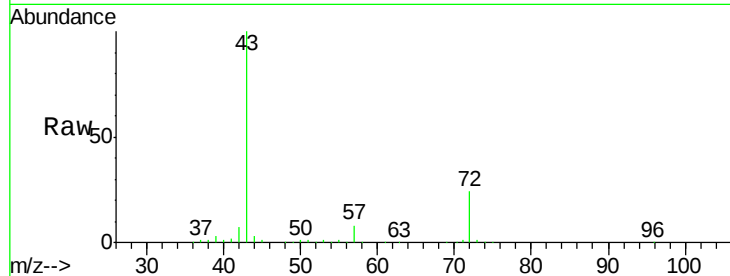
VX0605WBSD01

Tot Ion: 43 Resp: 249886

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

80000

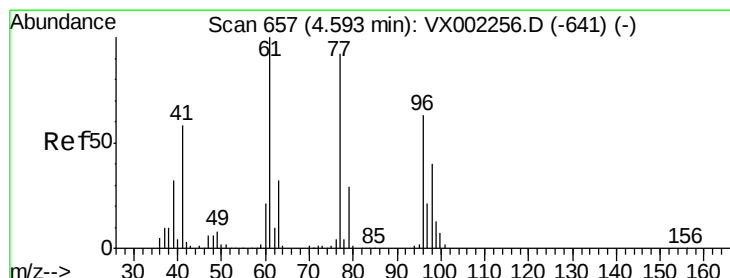
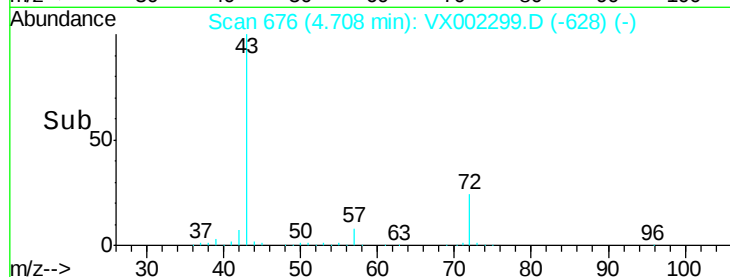
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.61 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX002299.D

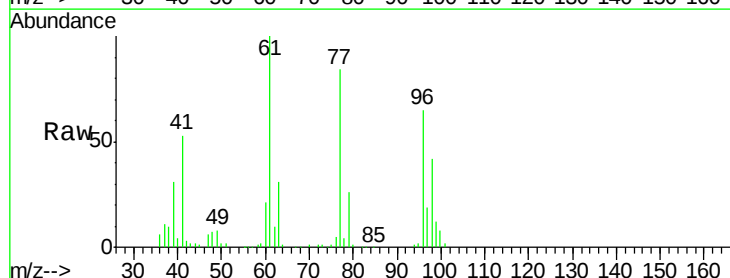
Acq: 05 Jun 2018 12:25

Tgt Ion: 77 Resp: 87301

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.60

30000

25000

20000

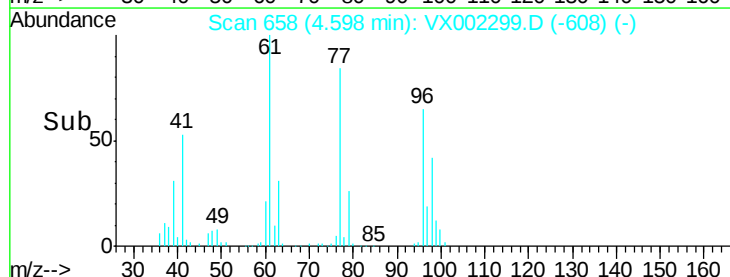
15000

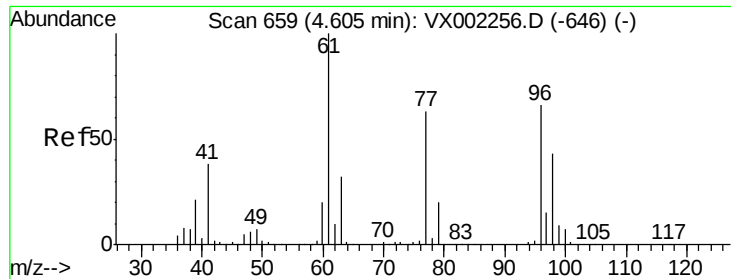
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.68 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

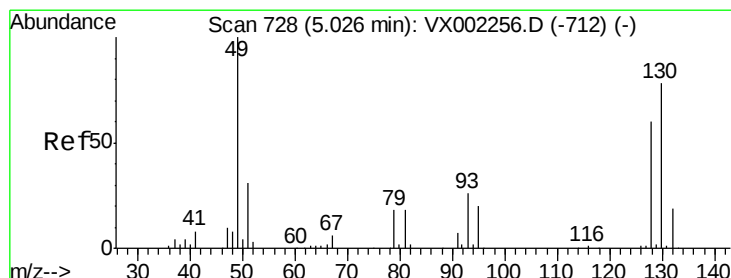
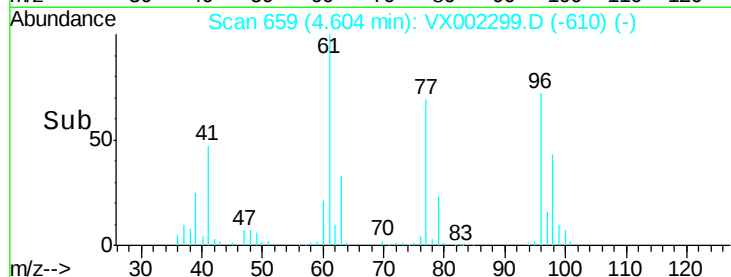
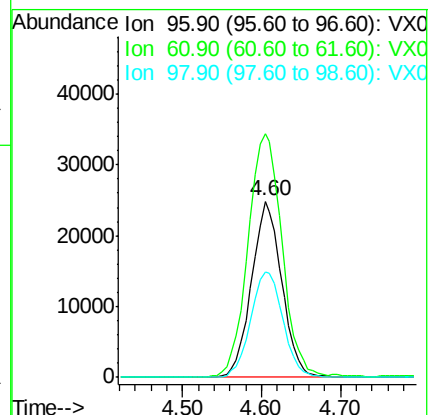
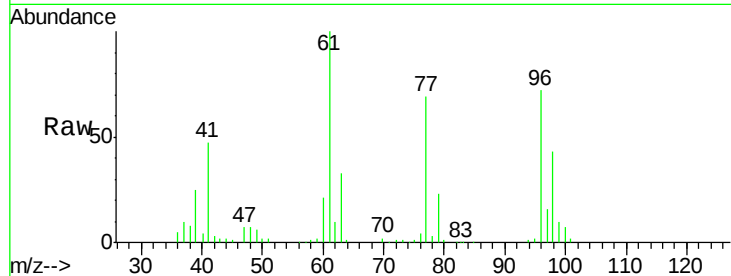
Tot Ion: 96 Resp: 66252

Ion Ratio Lower Upper

96 100

61 155.9 0.0 330.2

98 63.8 0.0 130.2



#28

Bromochloromethane

Concen: 18.57 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

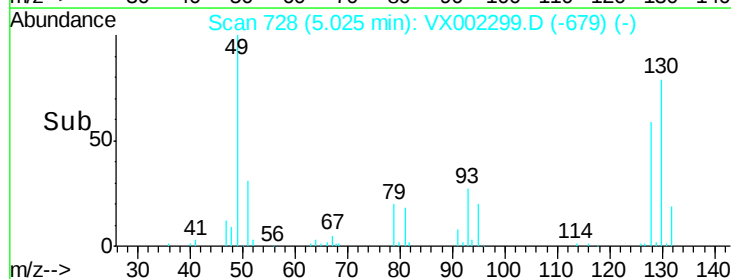
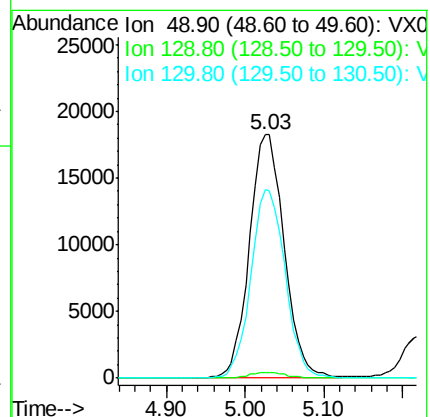
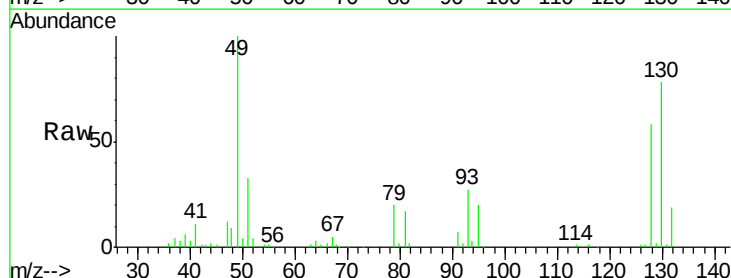
Tgt Ion: 49 Resp: 56121

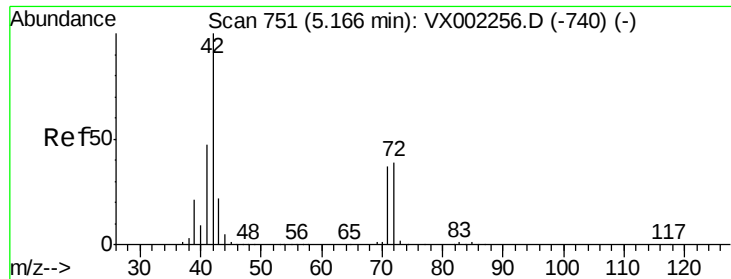
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 76.0 61.2 91.8

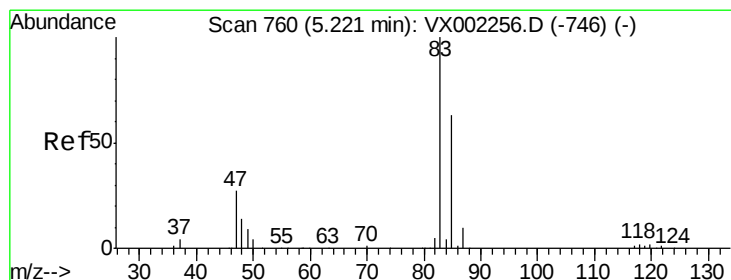
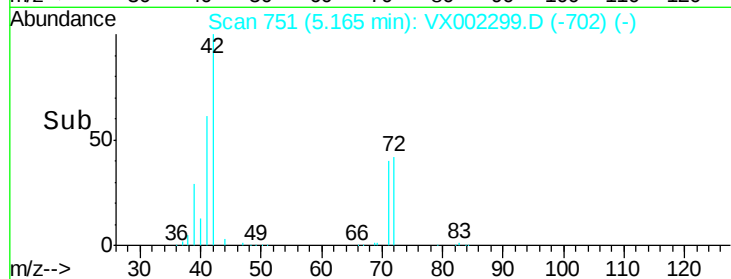
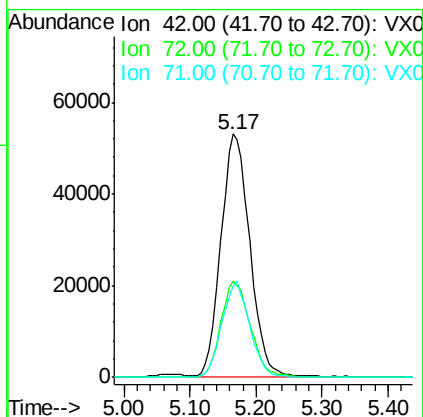
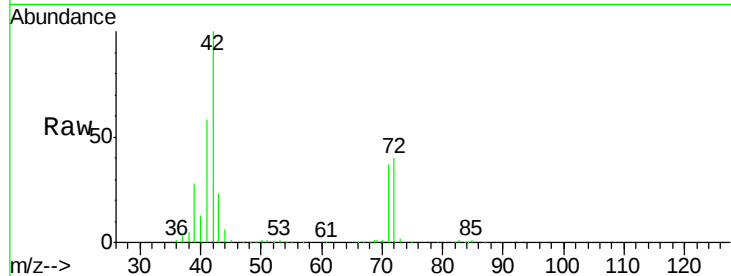




#29
Tetrahydrofuran
Concen: 91.03 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

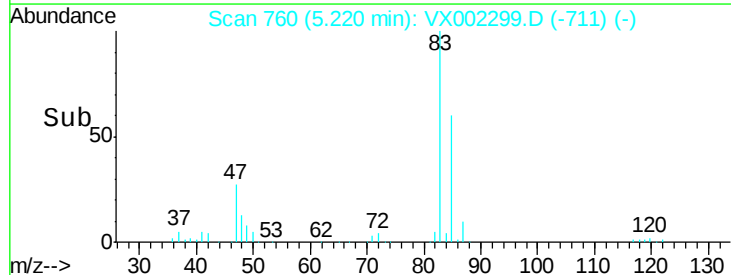
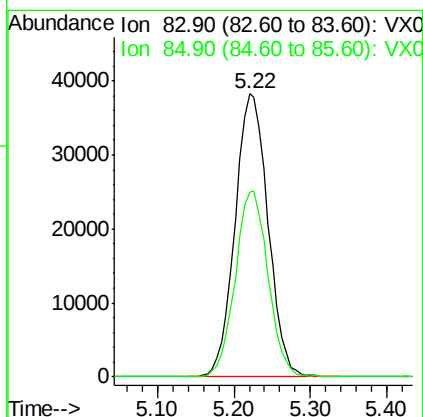
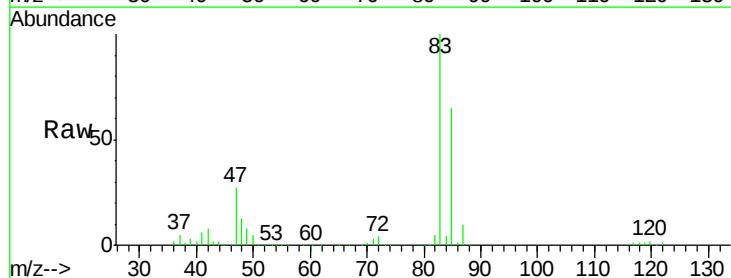
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

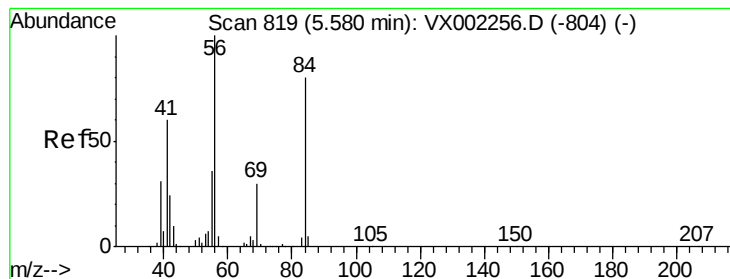
Tot Ion: 42 Resp: 159847
Ion Ratio Lower Upper
42 100
72 40.6 32.0 48.0
71 38.2 30.1 45.1



#30
Chloroform
Concen: 18.72 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 83 Resp: 114593
Ion Ratio Lower Upper
83 100
85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 20.46 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

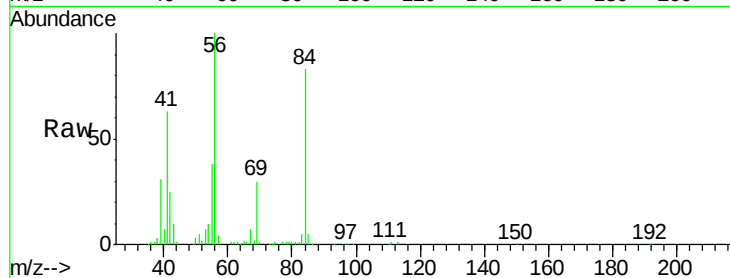
Tot Ion: 56 Resp: 102602

Ion Ratio Lower Upper

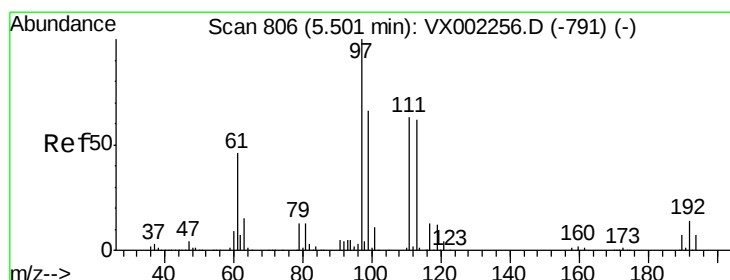
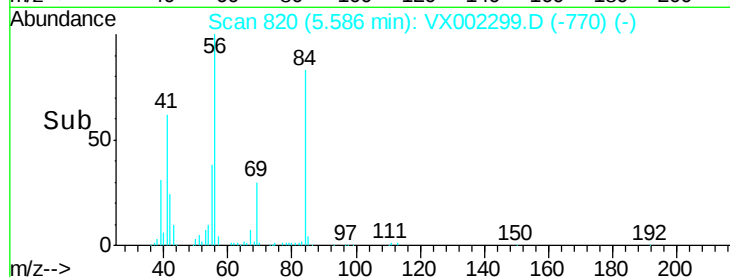
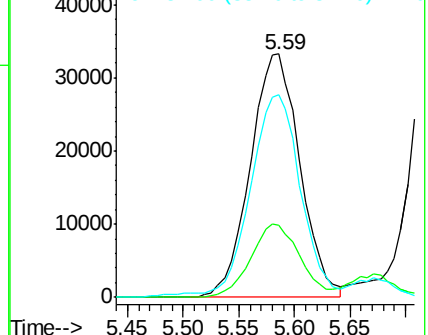
56 100

69 29.4 23.7 35.5

84 81.3 64.1 96.1



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: 18.89 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

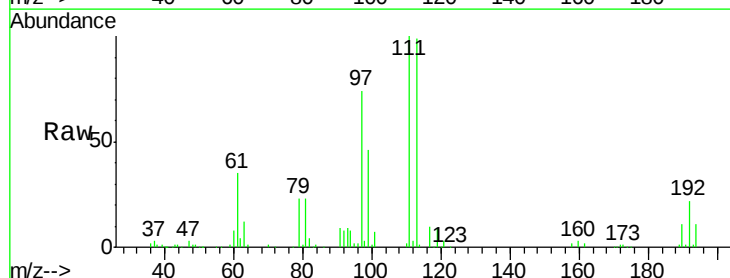
Tgt Ion: 97 Resp: 98057

Ion Ratio Lower Upper

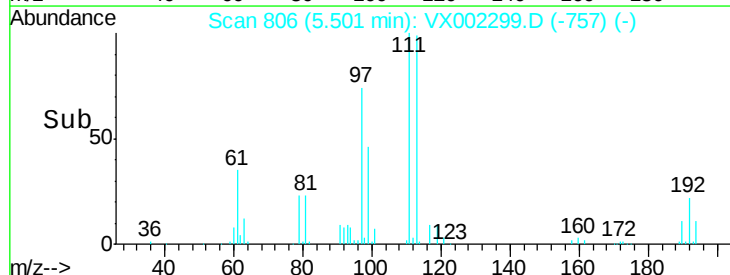
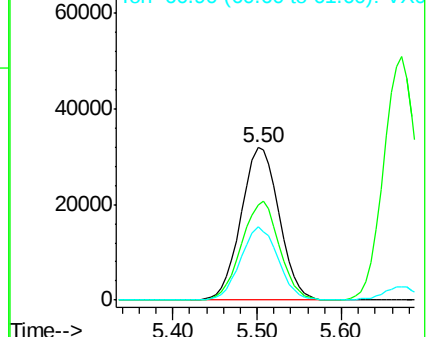
97 100

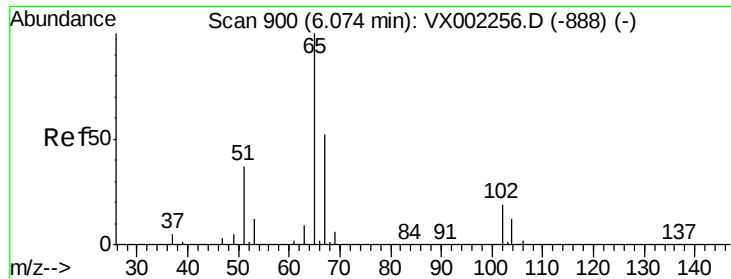
99 64.1 51.6 77.4

61 47.4 36.4 54.6



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: 47.05 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

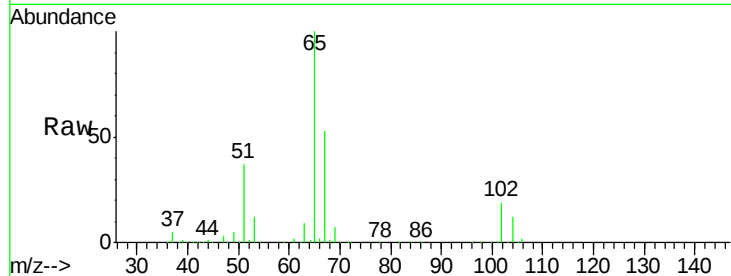
VX0605WBSD01

Tot Ion: 65 Resp: 187702

Ion Ratio Lower Upper

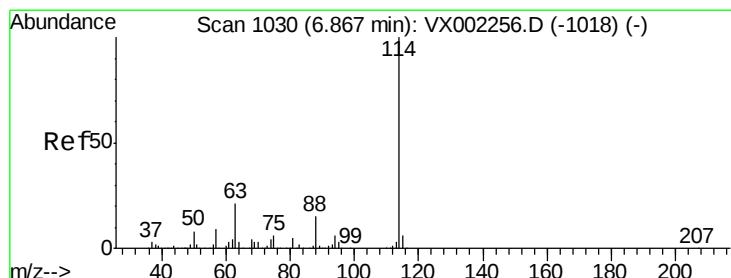
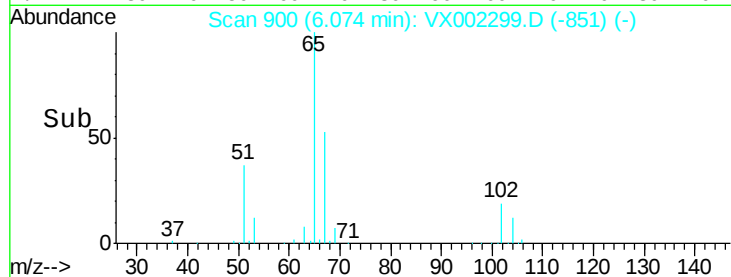
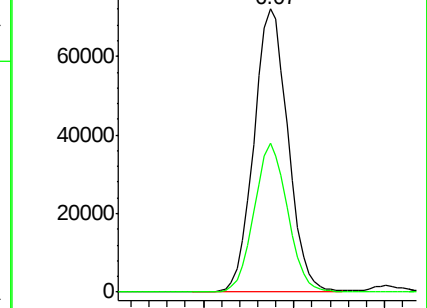
65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

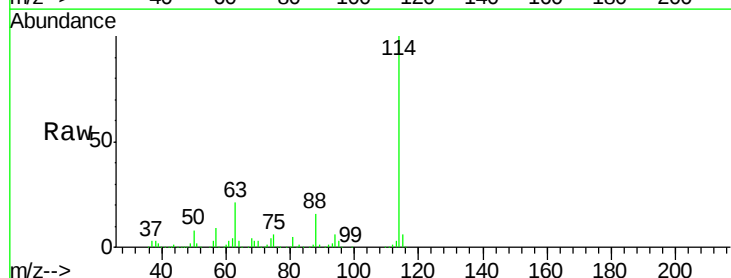
Tgt Ion: 114 Resp: 392206

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

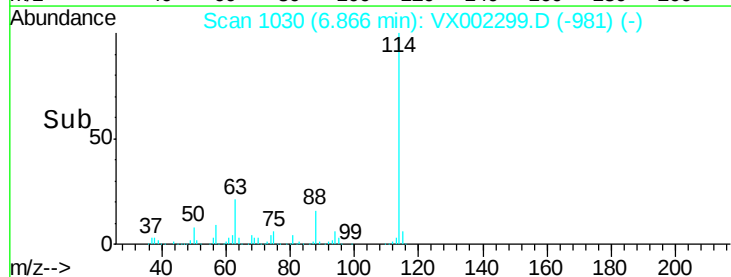
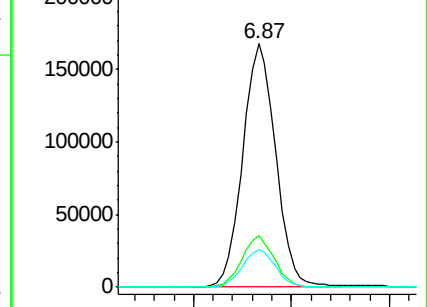
88 15.6 0.0 30.0

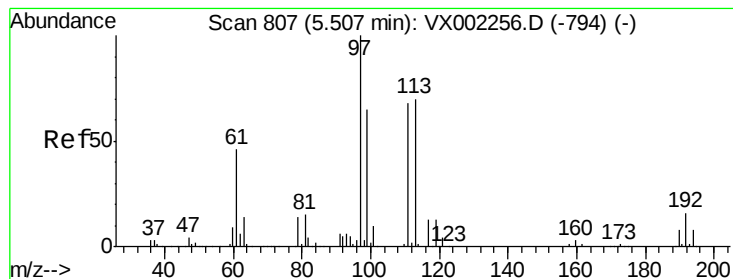


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.49 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

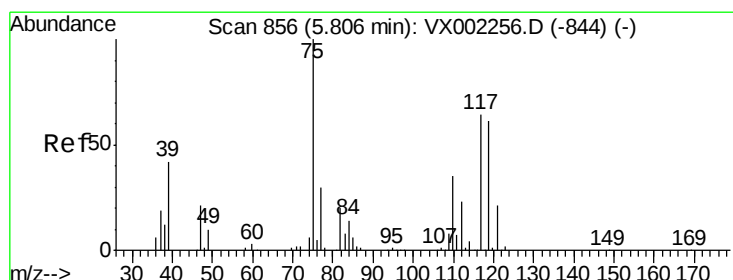
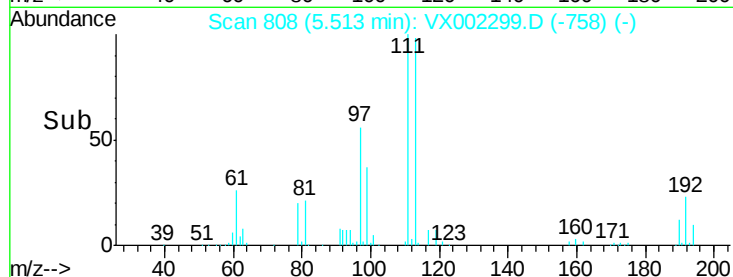
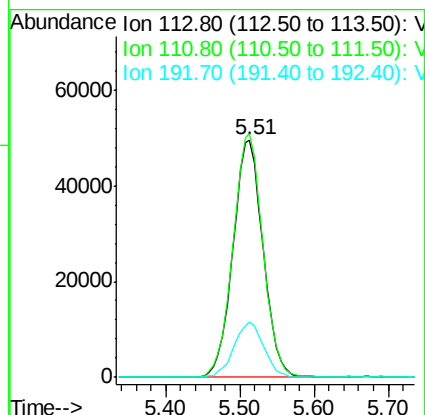
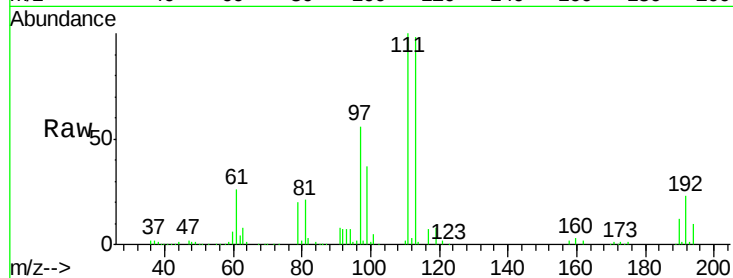
Tot Ion:113 Resp: 140318

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 23.3 19.1 28.7



#36

1,1-Dichloropropene

Concen: 20.26 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

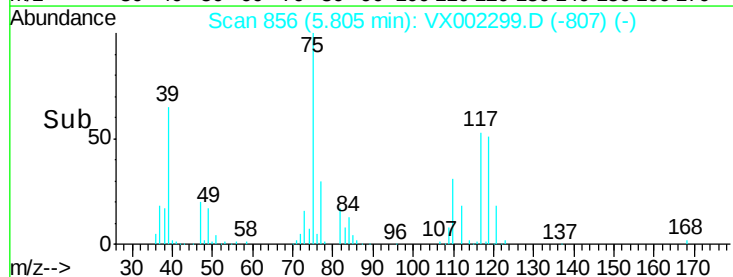
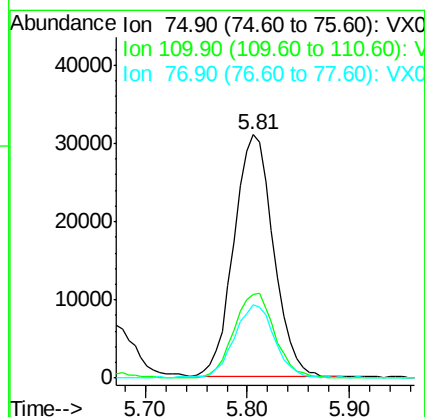
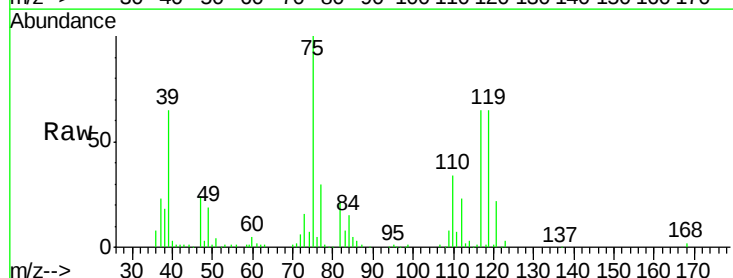
Tgt Ion: 75 Resp: 83530

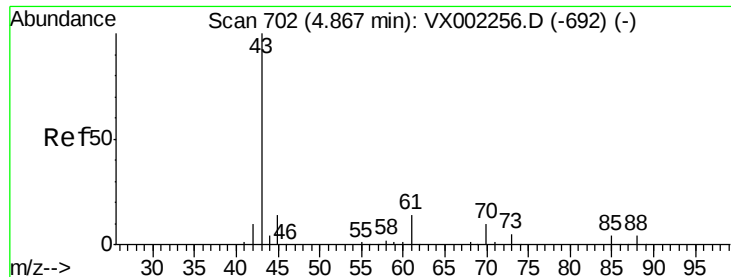
Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

77 31.2 24.3 36.5

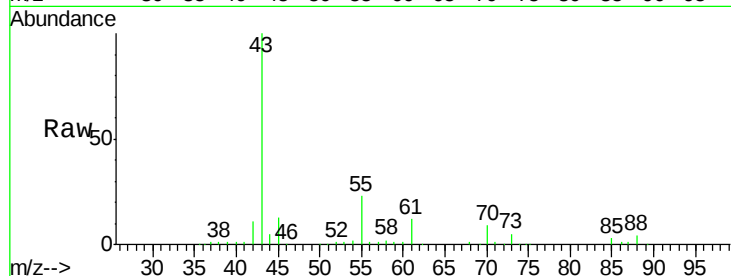




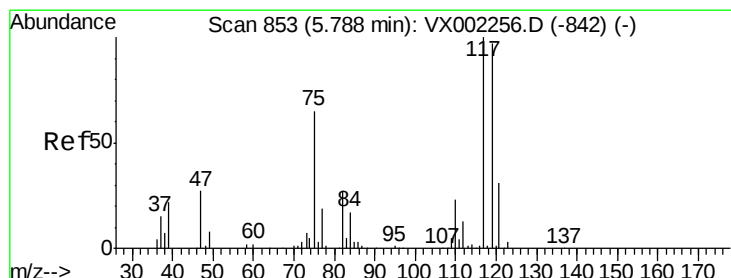
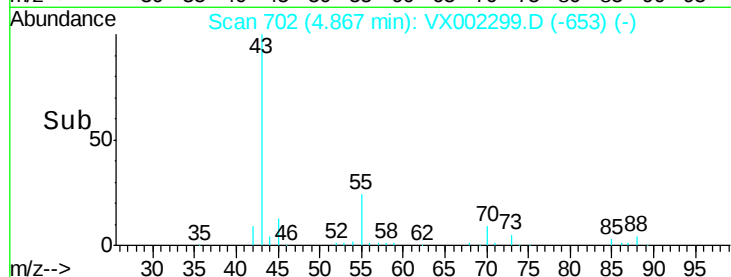
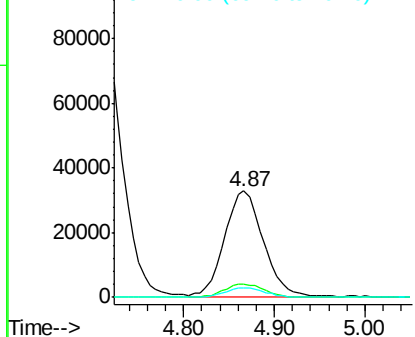
#37
Ethyl Acetate
Concen: 19.50 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

Tot Ion: 43 Resp: 96712
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 9.4 7.6 11.4

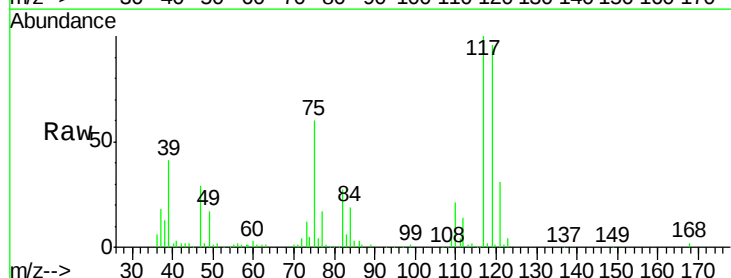


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

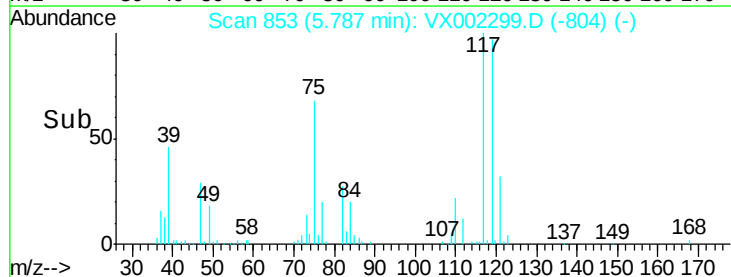
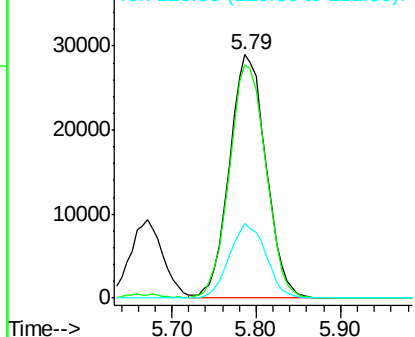


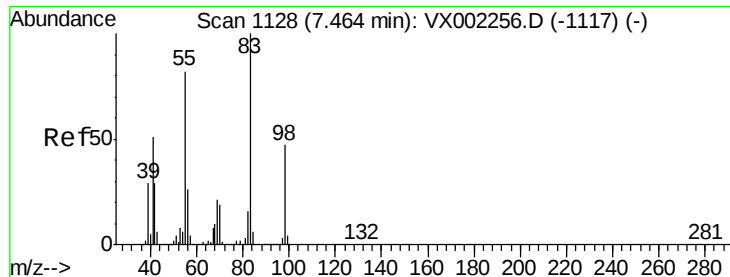
#38
Carbon Tetrachloride
Concen: 19.81 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 117 Resp: 85432
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
121 30.8 24.4 36.6



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

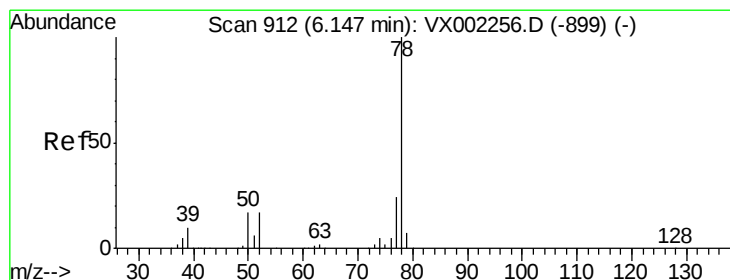
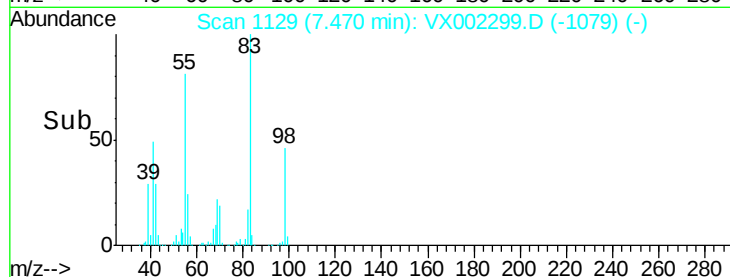
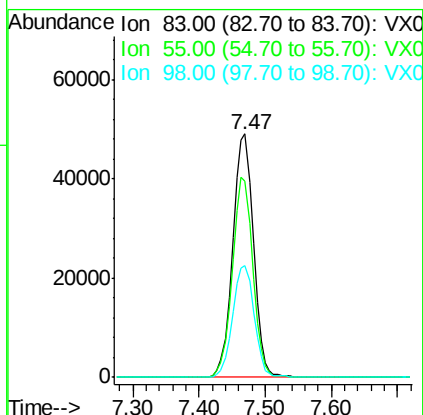
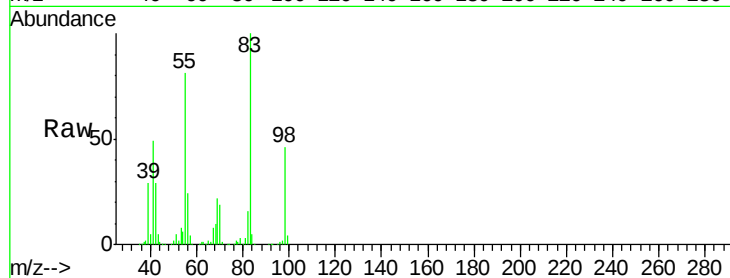




#39
Methvlcvclohexane
Concen: 21.05 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

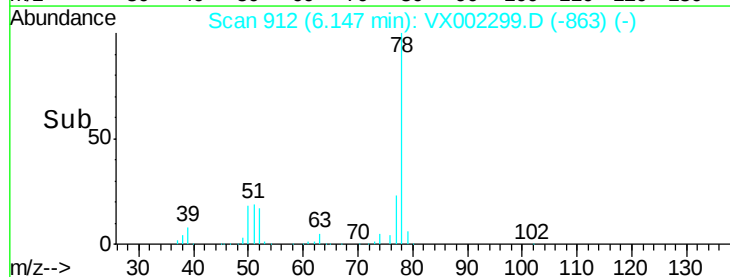
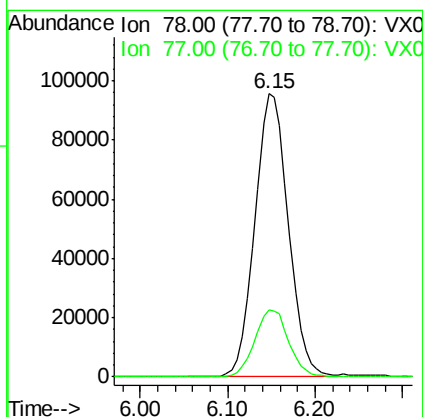
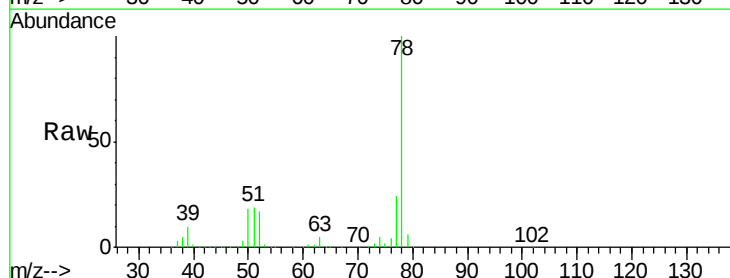
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

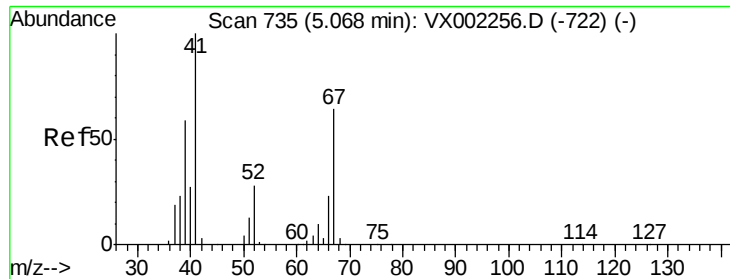
Tot Ion: 83 Resp: 106434
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.0
98 46.1 37.4 56.0



#40
Benzene
Concen: 20.10 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 78 Resp: 254125
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

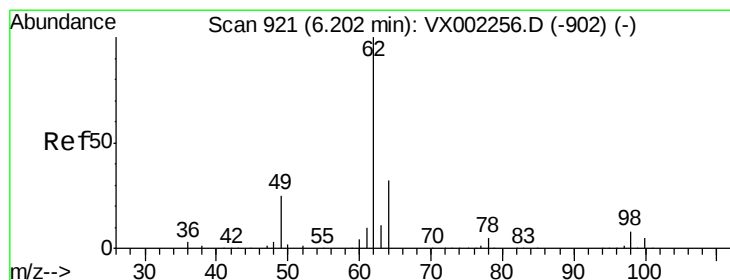
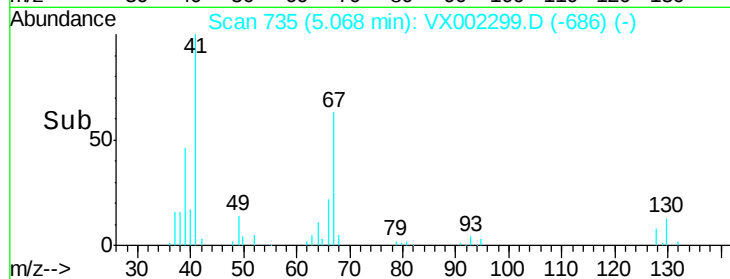
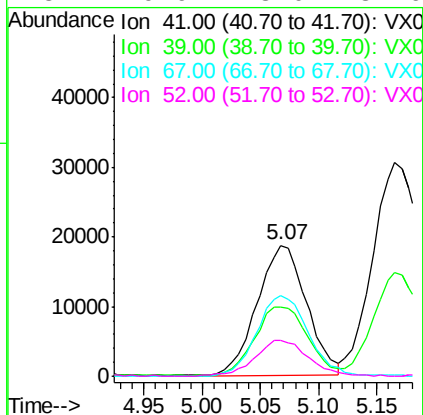
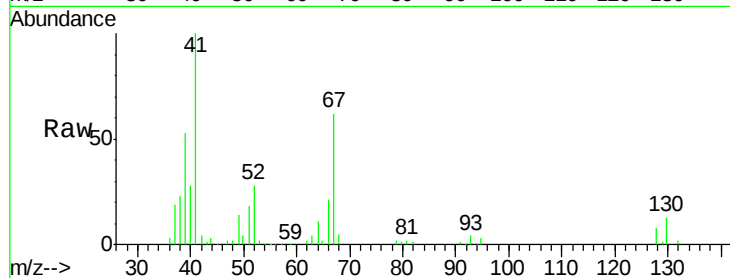




#41
Methacrylonitrile
Concen: 19.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

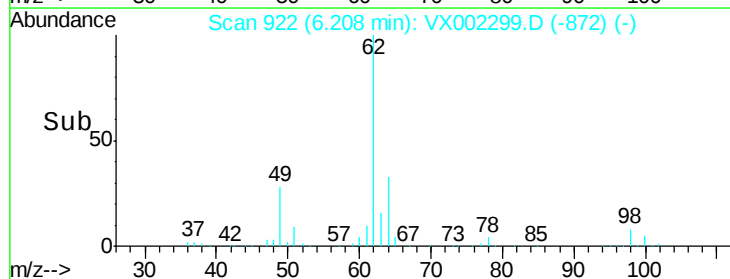
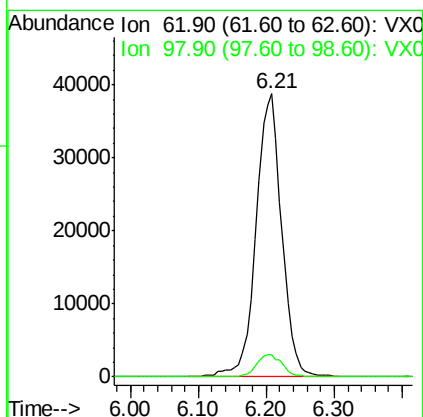
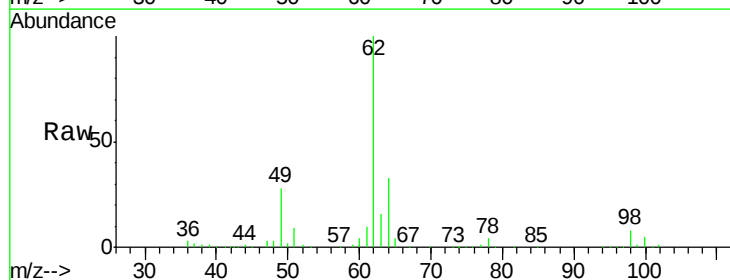
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

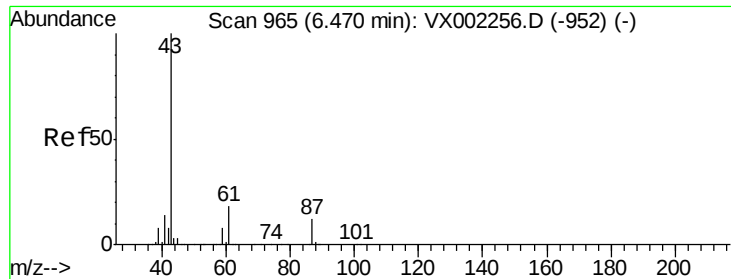
Tot Ion:	41	Resp:	55217
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	65.1	51.3	76.9
52	29.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:	62	Resp:	102009
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6



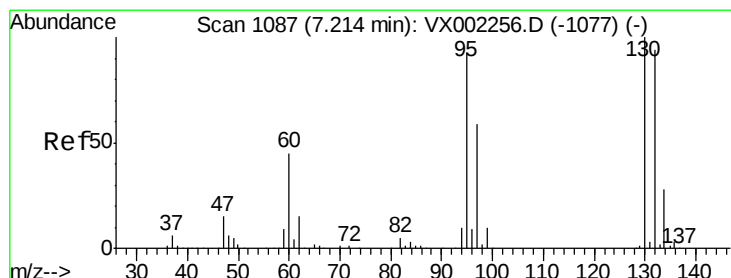
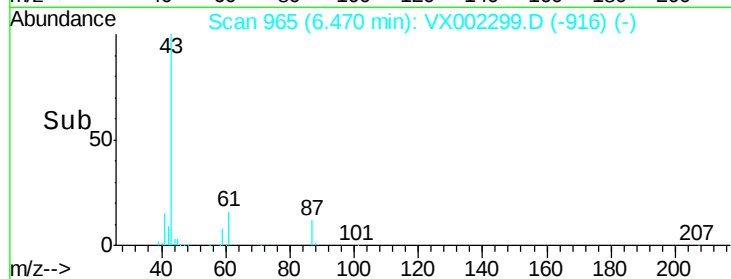
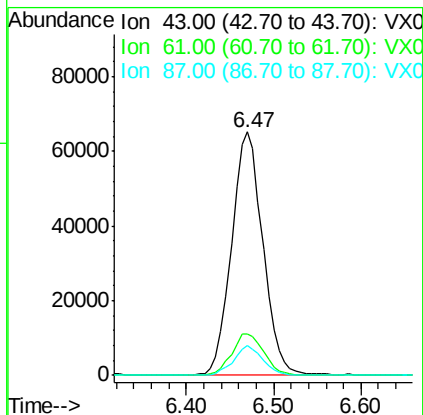
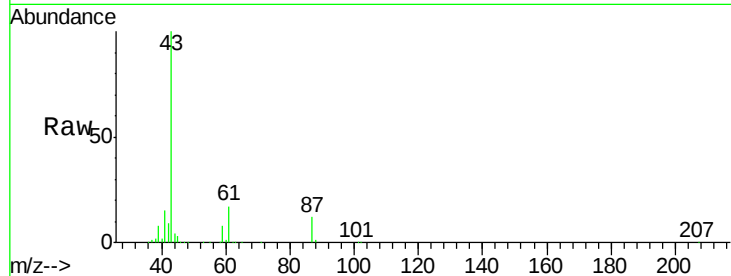


#43

Isopropyl Acetate
 Concen: 19.17 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

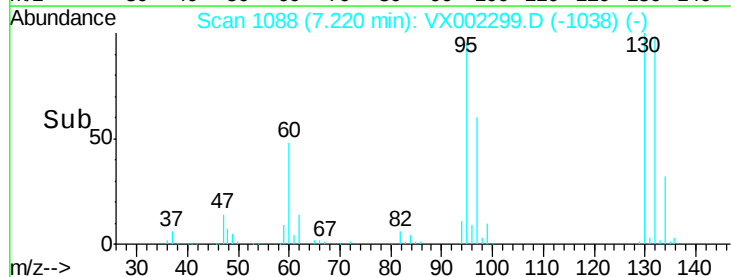
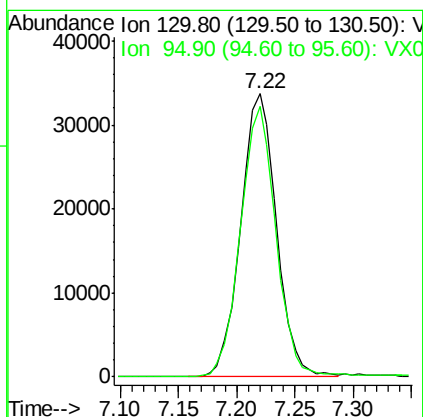
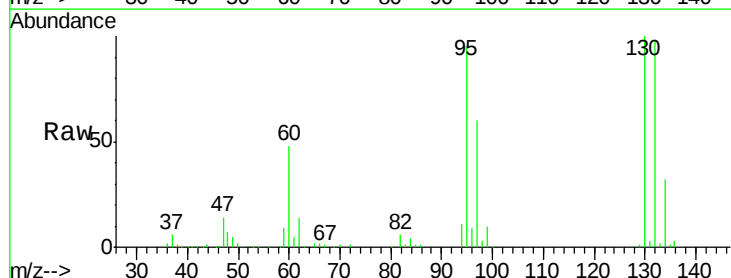
Tot Ion	43	Resp	161464
Ion Ratio	Lower	Upper	
43	100		
61	17.7	14.4	21.6
87	11.6	9.5	14.3

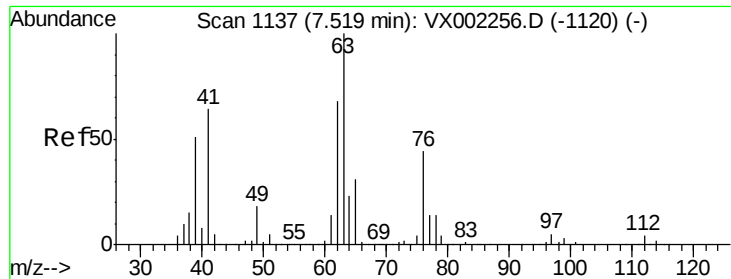


#44

Trichloroethene
 Concen: 20.54 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion	130	Resp	72085
Ion Ratio	Lower	Upper	
130	100		
95	95.5	0.0	185.4

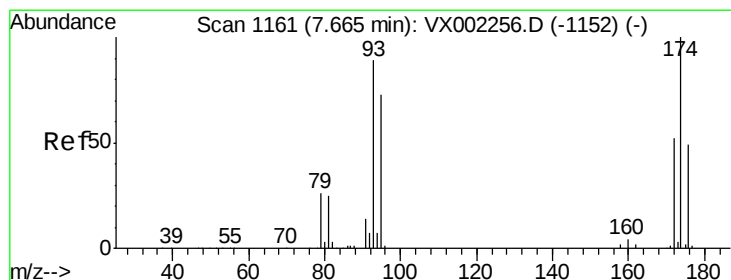
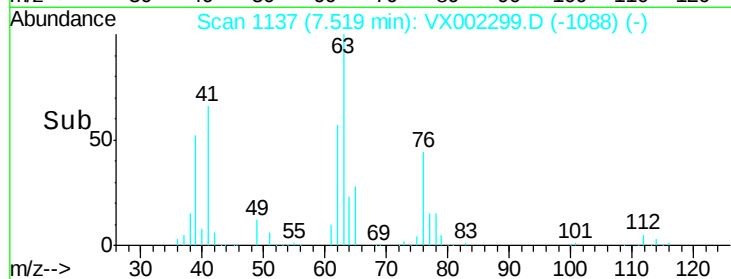
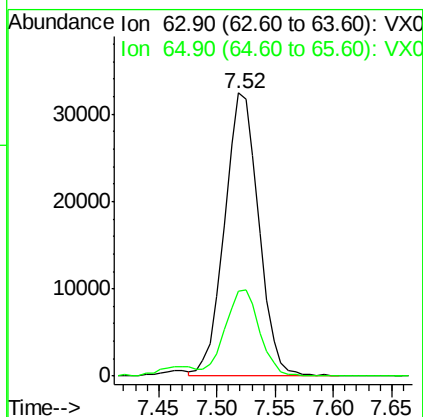
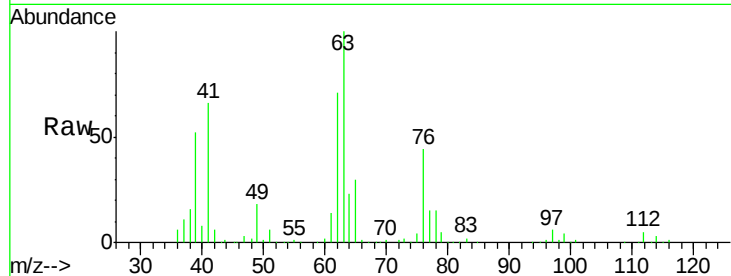




#45
 1,2-Dichloropropane
 Concen: 19.28 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

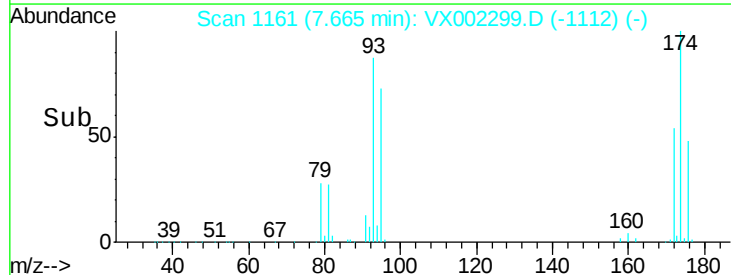
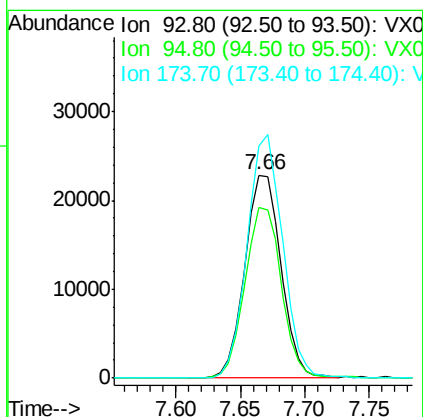
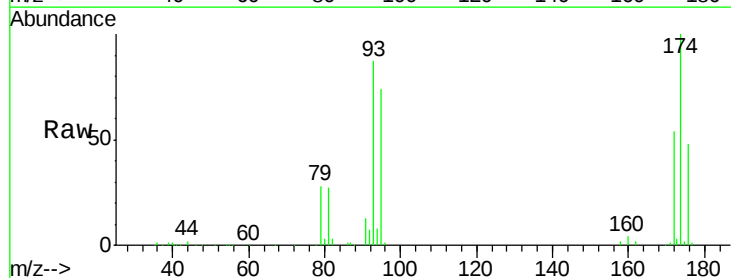
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

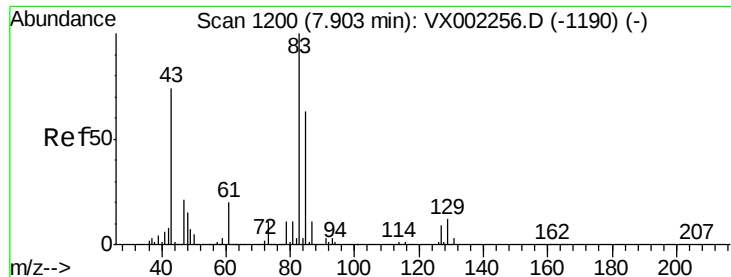
Tot Ion: 63 Resp: 65818
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 19.22 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion: 93 Resp: 44464
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 117.3 92.4 138.6





#47

Bromodichloromethane

Concen: 18.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

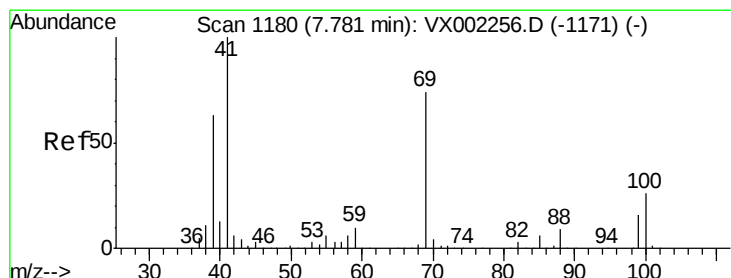
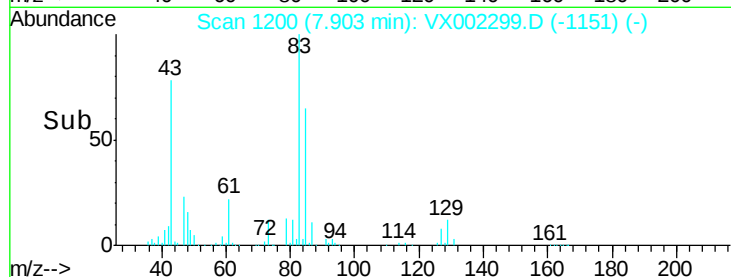
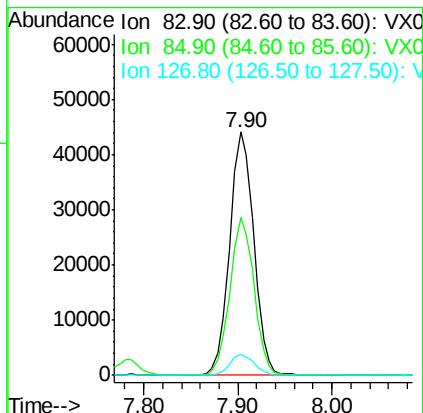
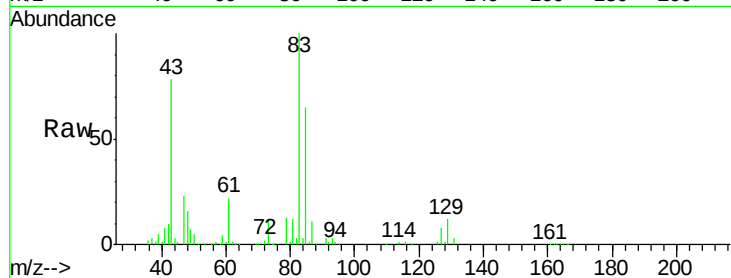
Tot Ion: 83 Resp: 78663

Ion Ratio Lower Upper

83 100

85 64.9 50.3 75.5

127 8.4 7.0 10.4



#48

Methyl methacrylate

Concen: 19.51 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

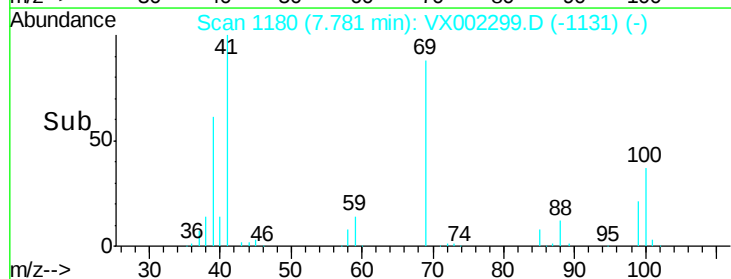
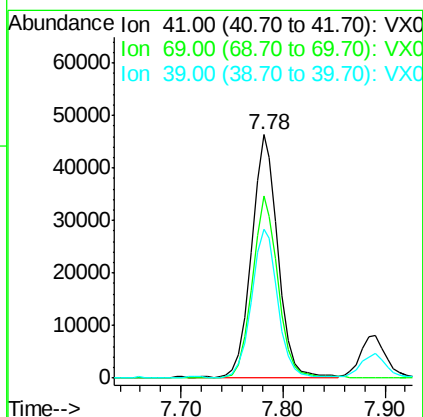
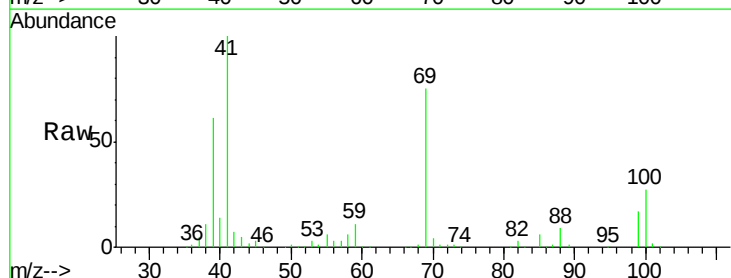
Tgt Ion: 41 Resp: 82540

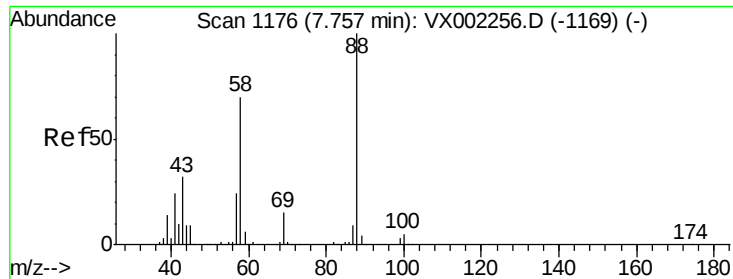
Ion Ratio Lower Upper

41 100

69 74.2 59.1 88.7

39 60.9 48.9 73.3





#49

1,4-Dioxane

Concen: 411.84 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

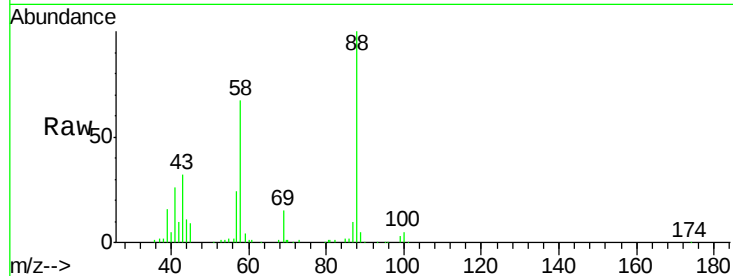
Tot Ion: 88 Resp: 32577

Ion Ratio Lower Upper

88 100

43 35.4 29.8 44.6

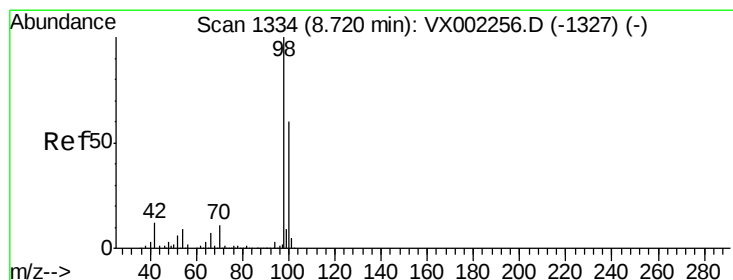
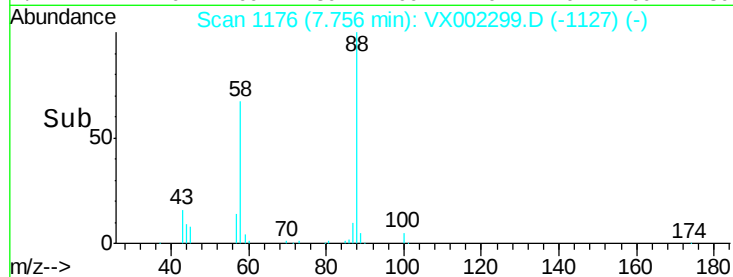
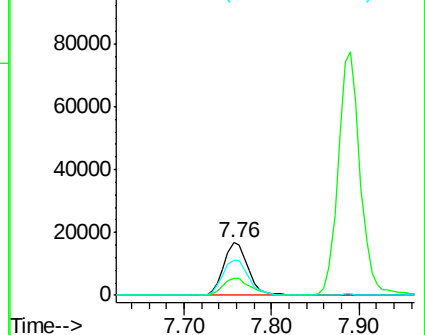
58 72.4 57.1 85.7



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: 46.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002299.D

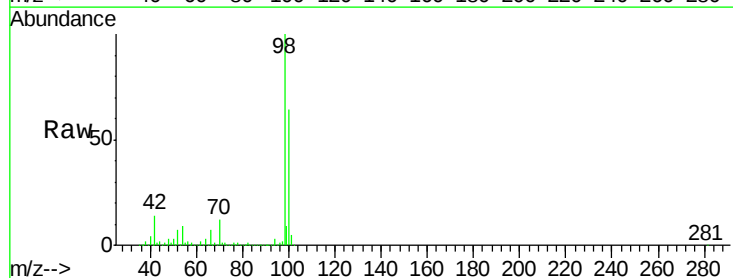
Acq: 05 Jun 2018 12:25

Tgt Ion: 98 Resp: 548446

Ion Ratio Lower Upper

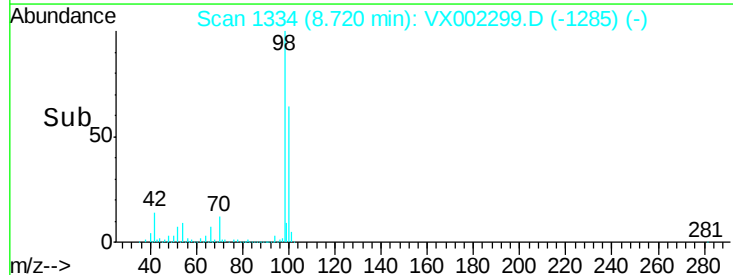
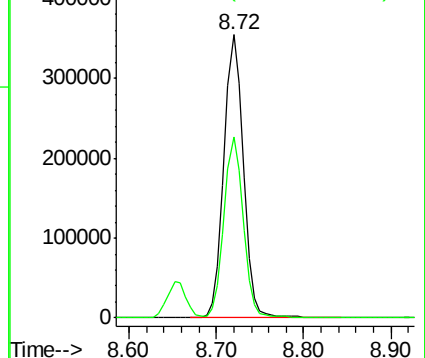
98 100

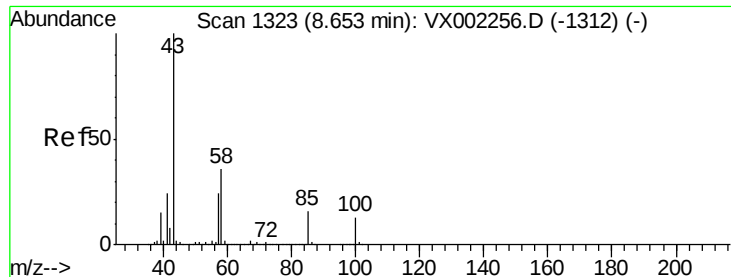
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.87 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

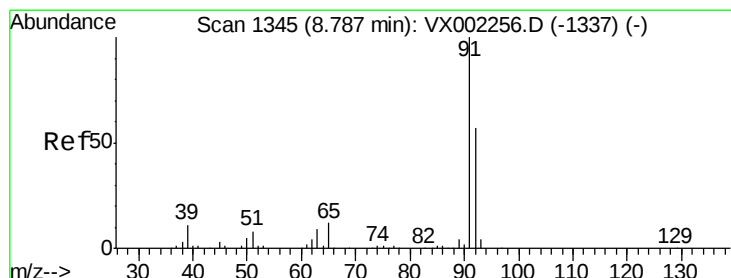
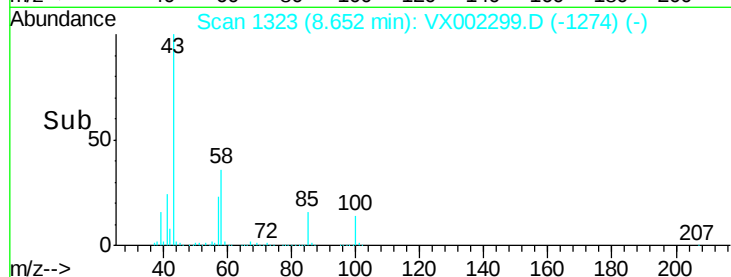
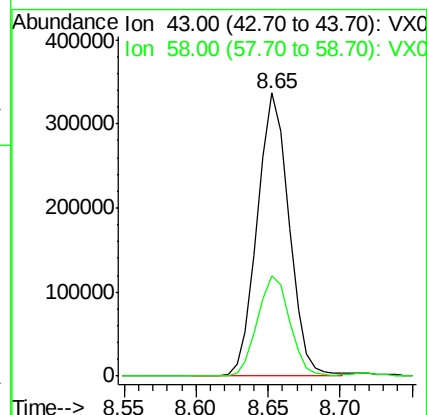
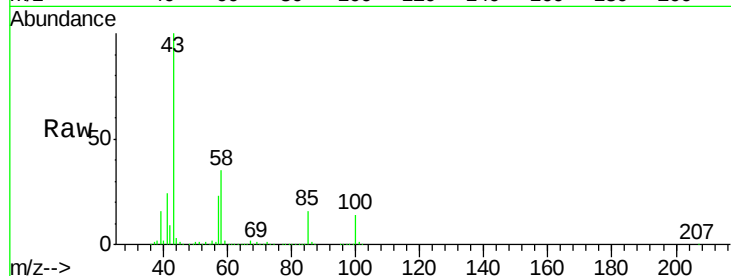
VX0605WBSD01

Tot Ion: 43 Resp: 513332

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



#52

Toluene

Concen: 20.55 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002299.D

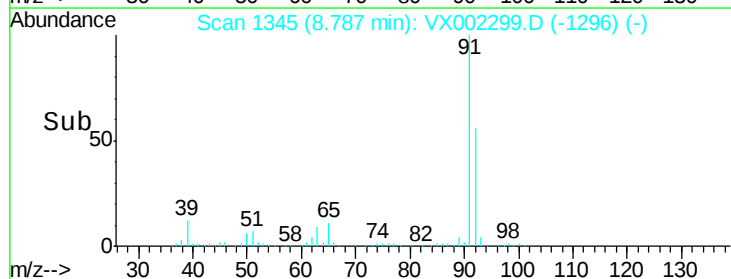
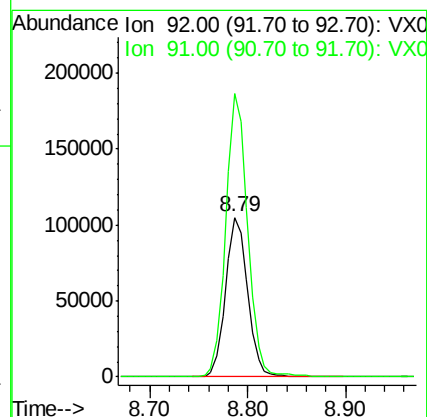
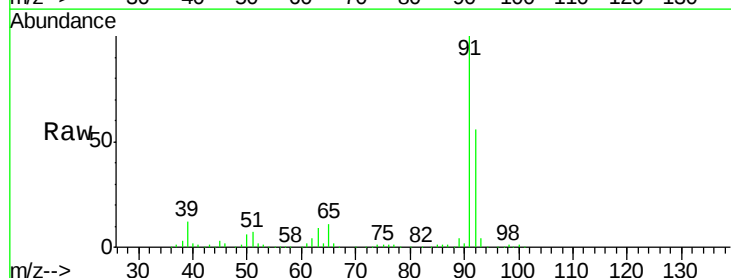
Acq: 05 Jun 2018 12:25

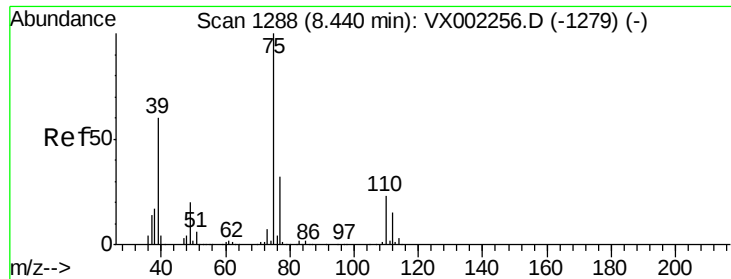
Tgt Ion: 92 Resp: 165234

Ion Ratio Lower Upper

92 100

91 175.3 140.4 210.6

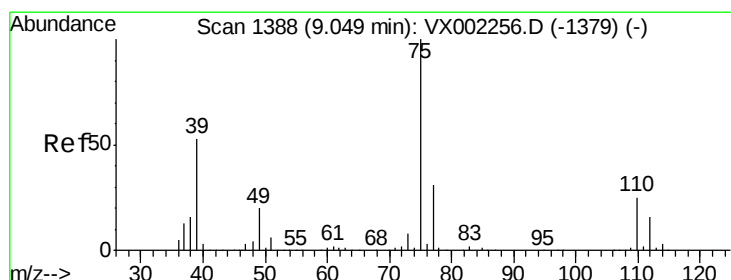
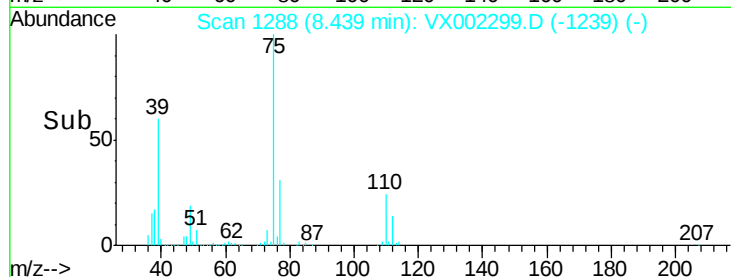
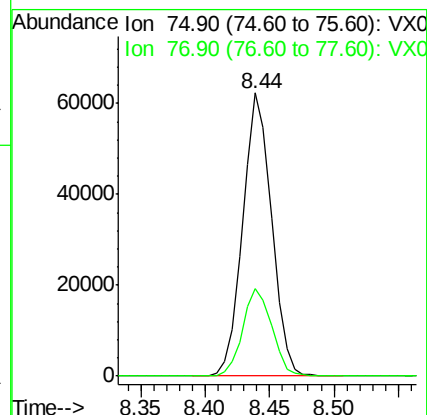
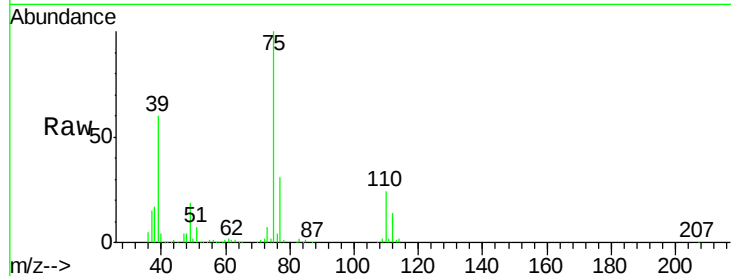




#53
 t-1,3-Dichloropropene
 Concen: 19.26 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

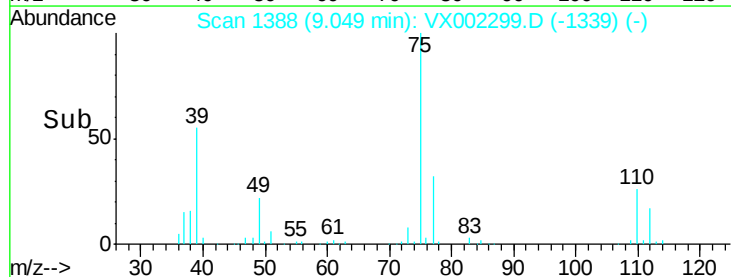
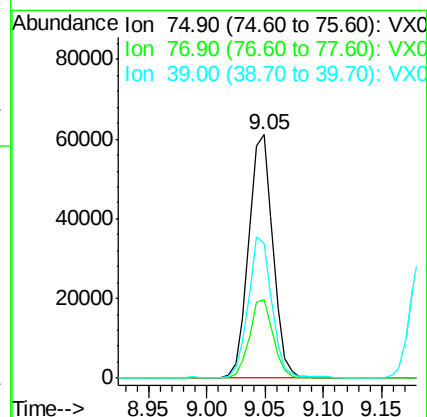
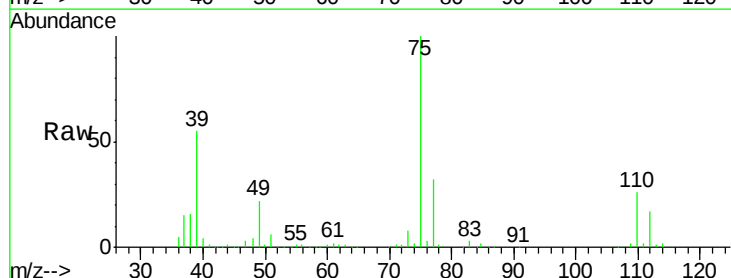
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

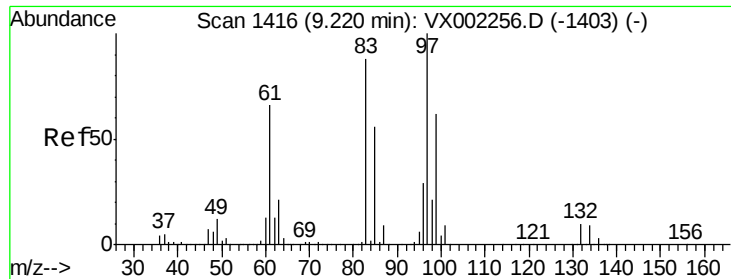
Tot Ion: 75 Resp: 96635
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion: 75 Resp: 89119
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.8 37.2
 39 55.0 42.4 63.6

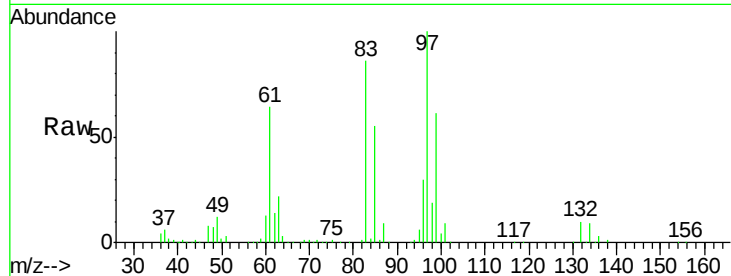




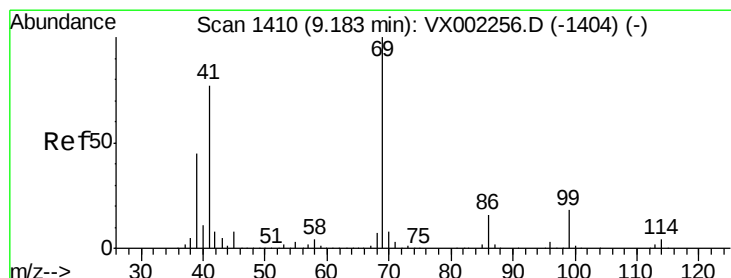
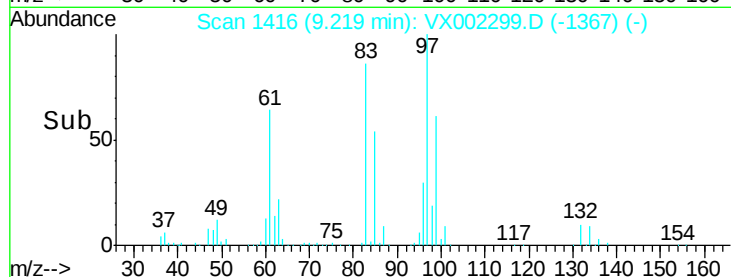
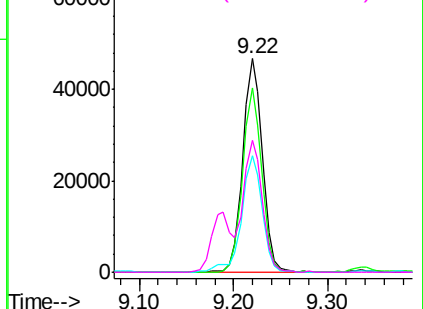
#55
 1,1,2-Trichloroethane
 Concen: 20.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion:	97	Resp:	67900
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	54.6	44.9	67.3
99	61.5	49.8	74.8

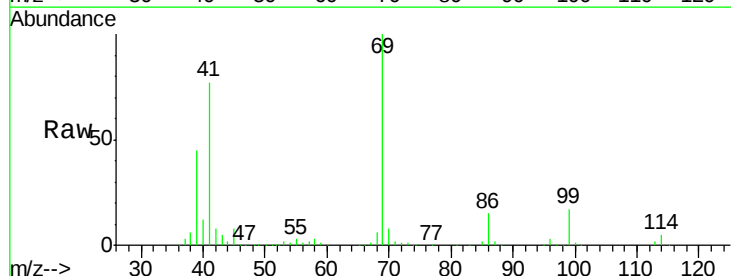


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

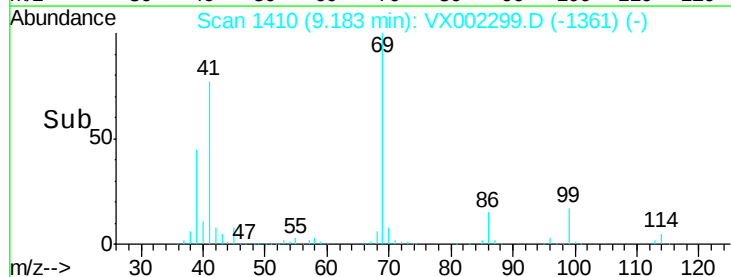
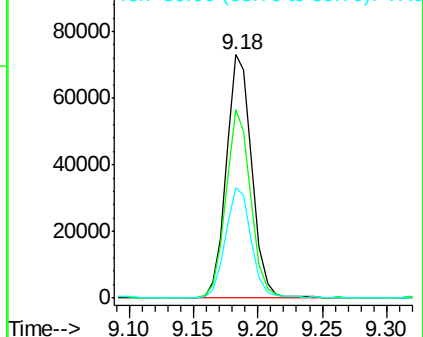


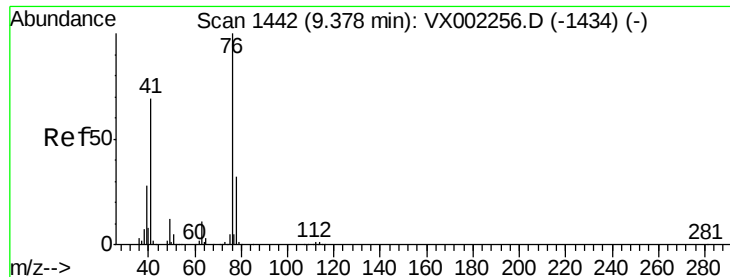
#56
 Ethyl methacrylate
 Concen: 19.30 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion:	69	Resp:	101903
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	45.5	35.8	53.8



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: 19.97 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

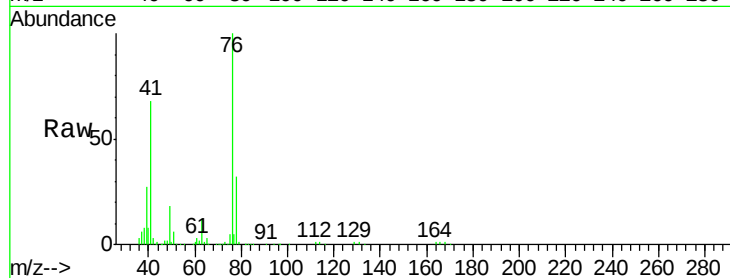
VX0605WBSD01

Tot Ion: 76 Resp: 110793

Ion Ratio Lower Upper

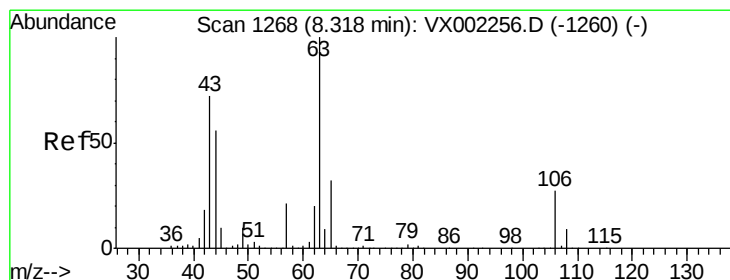
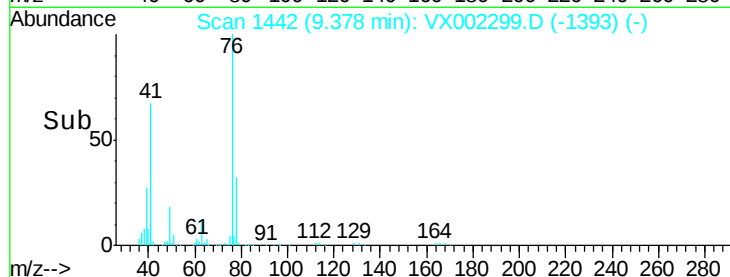
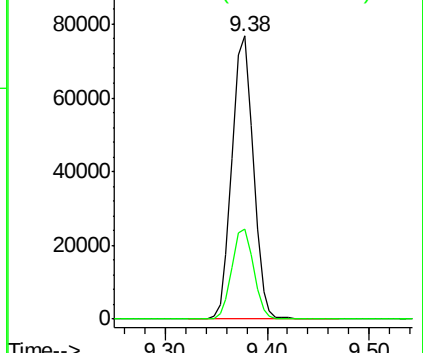
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.05 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002299.D

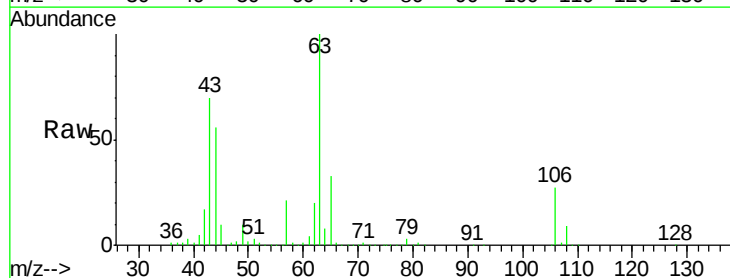
Acq: 05 Jun 2018 12:25

Tgt Ion: 63 Resp: 242052

Ion Ratio Lower Upper

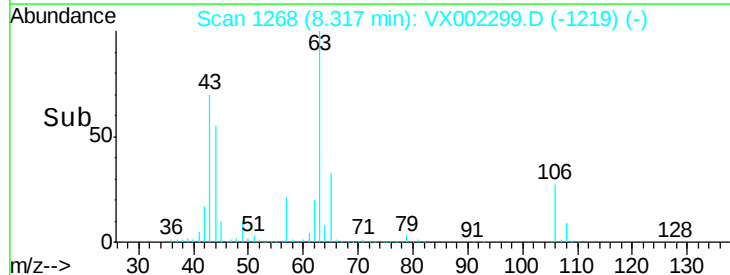
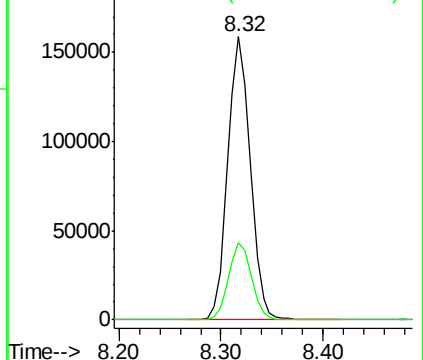
63 100

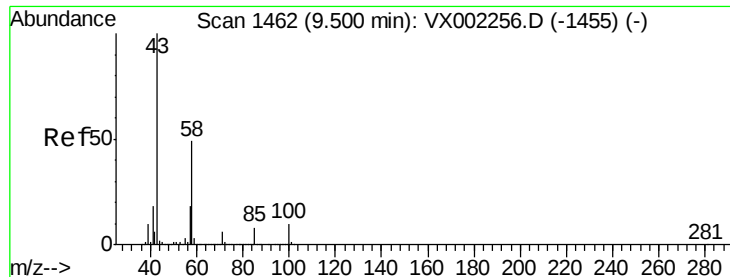
106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

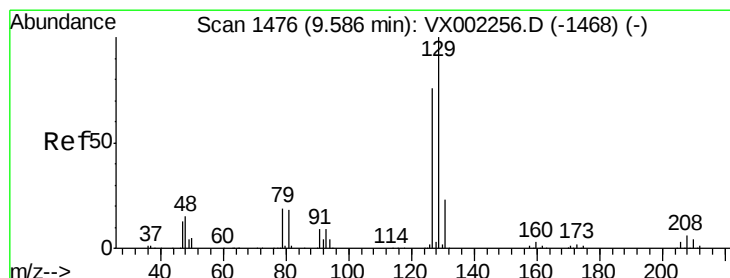
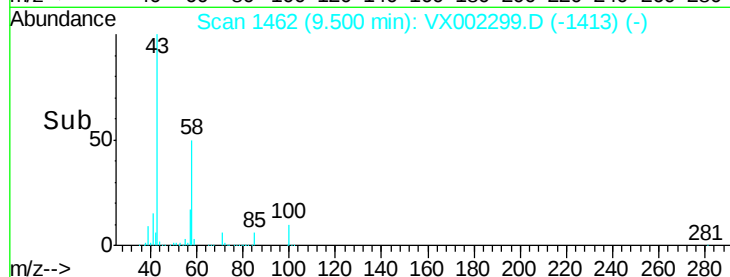
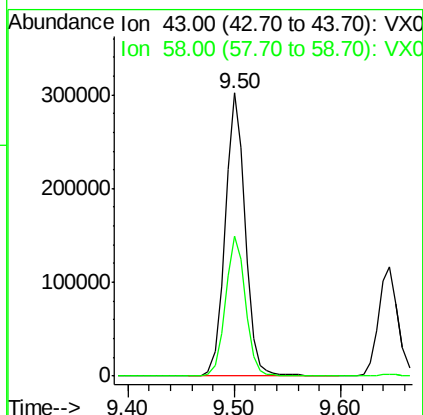
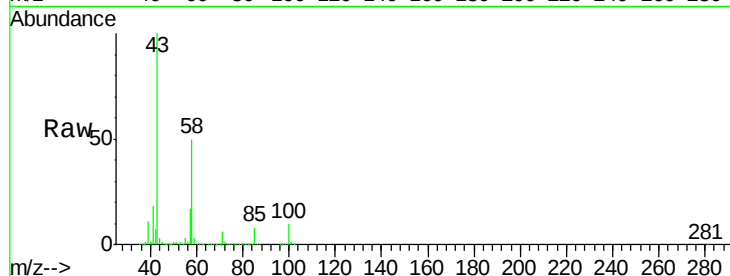




#59
2-Hexanone
Concen: 97.89 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

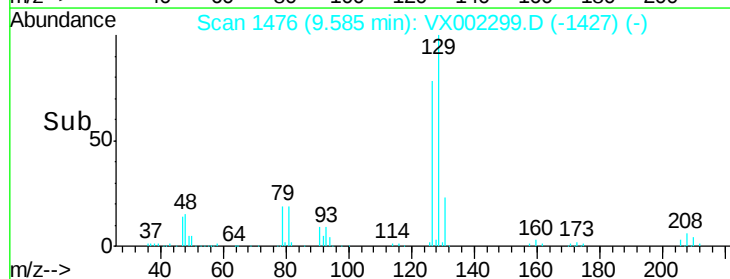
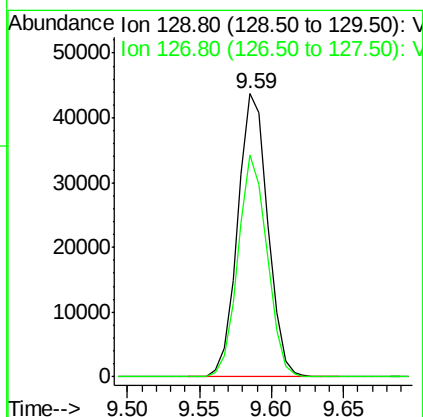
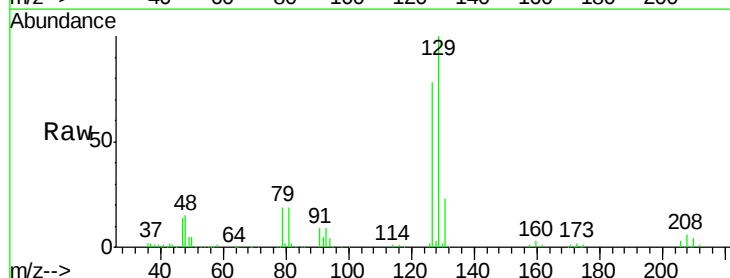
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

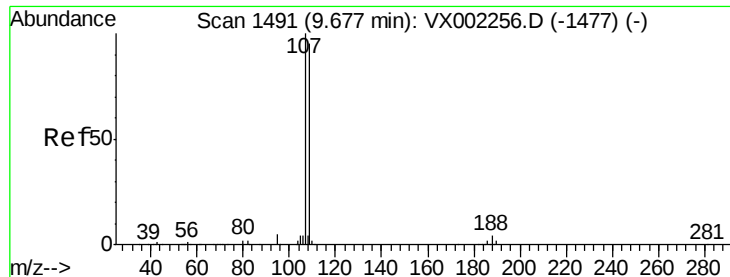
Tot Ion: 43 Resp: 396578
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 19.06 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 129 Resp: 63402
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

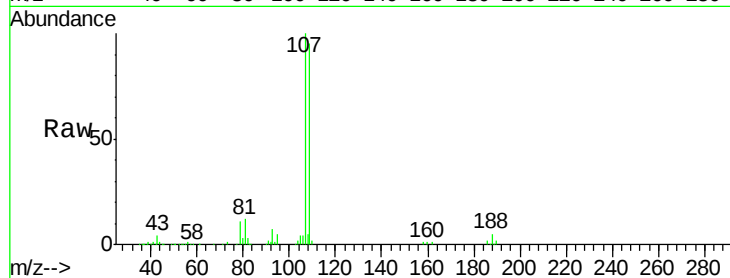
VX0605WBSD01

Tot Ion:107 Resp: 69357

Ion Ratio Lower Upper

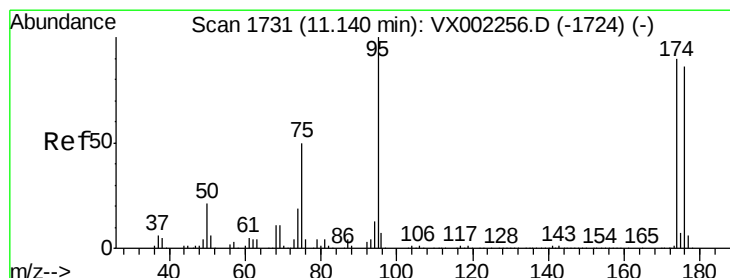
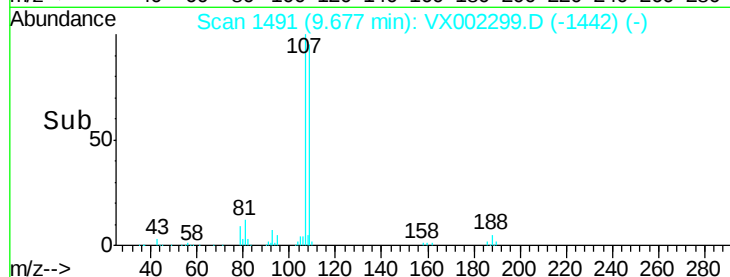
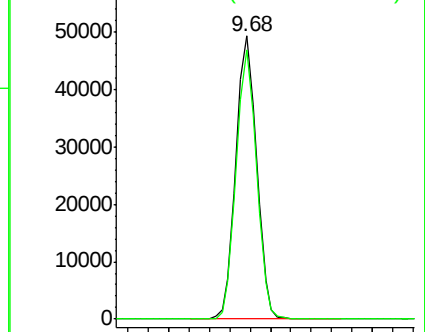
107 100

109 93.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

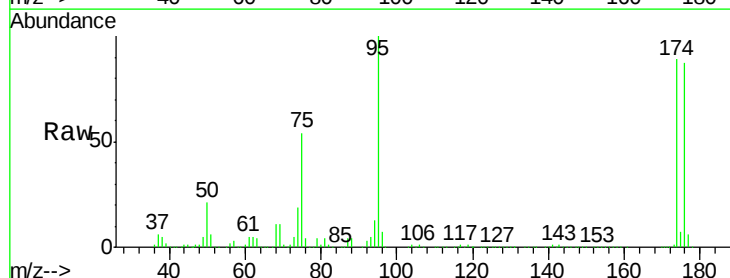
Tgt Ion: 95 Resp: 207667

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

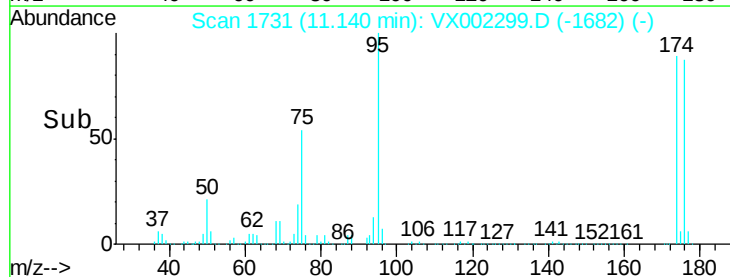
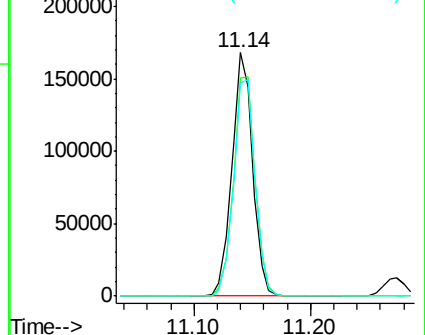
176 93.1 0.0 181.0

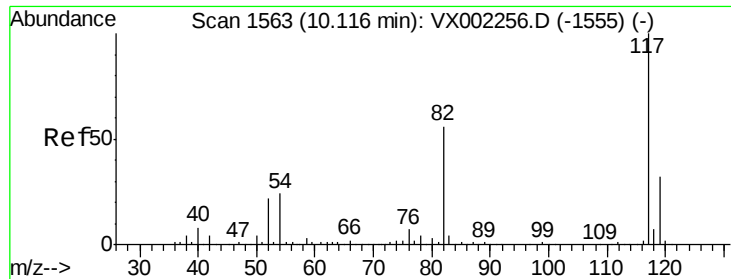


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

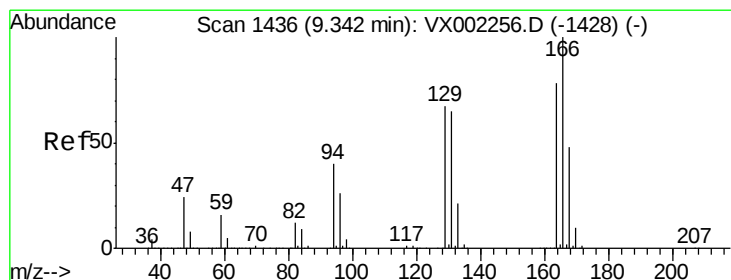
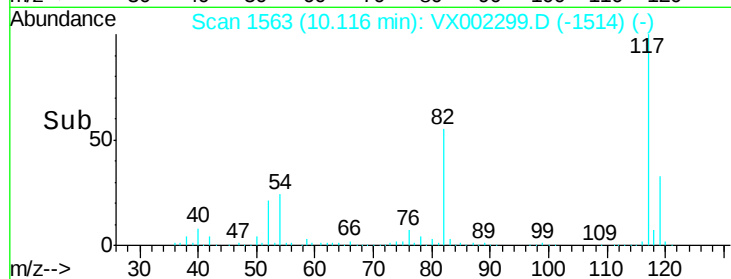
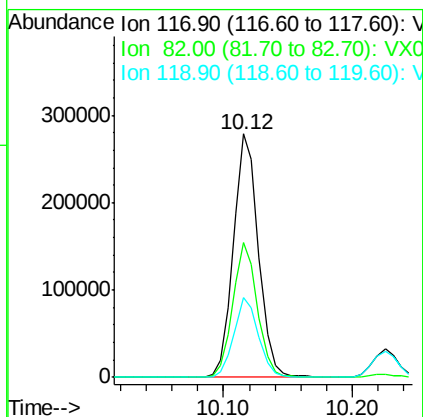
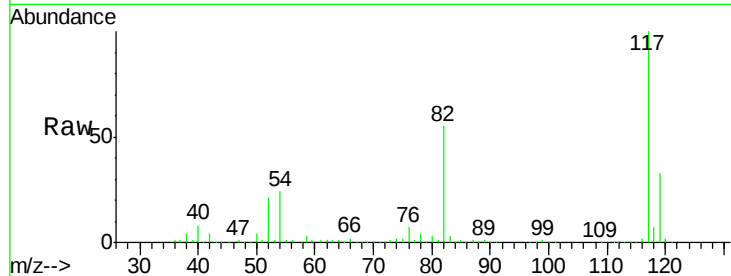




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

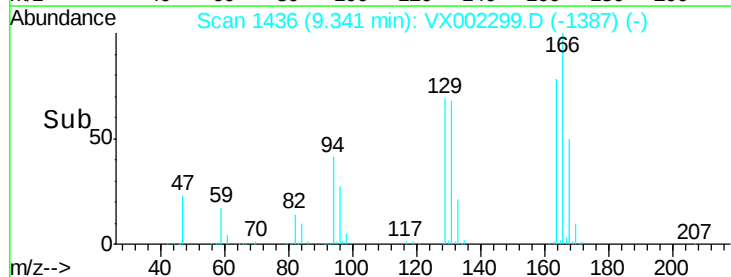
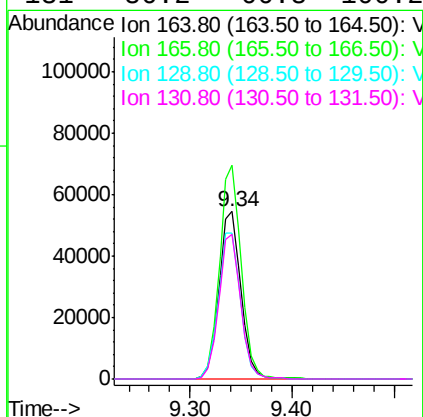
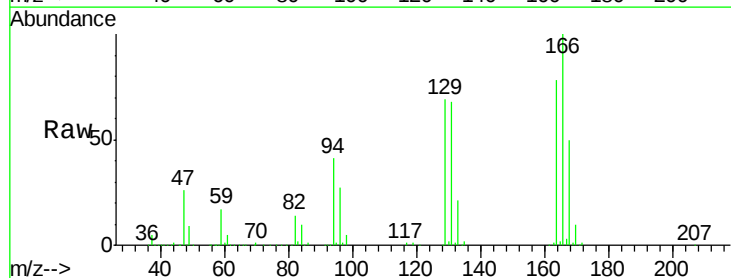
Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

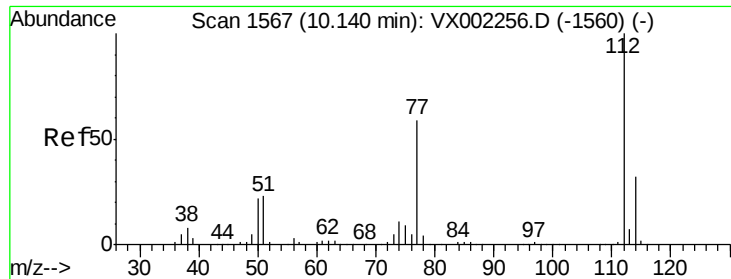
Tot Ion:117 Resp: 377275
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 21.16 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:164 Resp: 82327
Ion Ratio Lower Upper
164 100
166 127.6 102.9 154.3
129 87.5 68.6 102.8
131 86.2 66.8 100.2

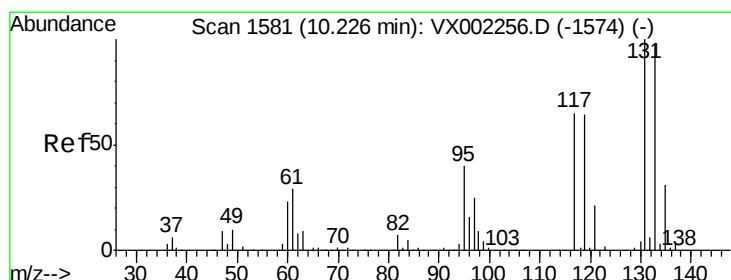
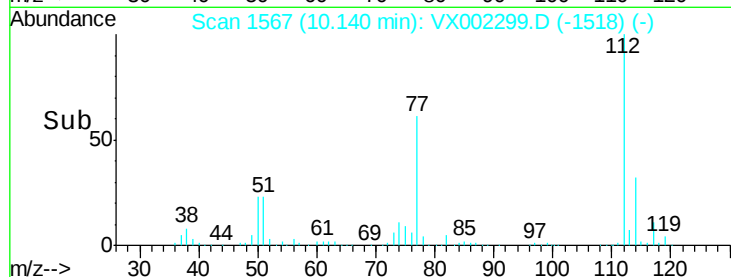
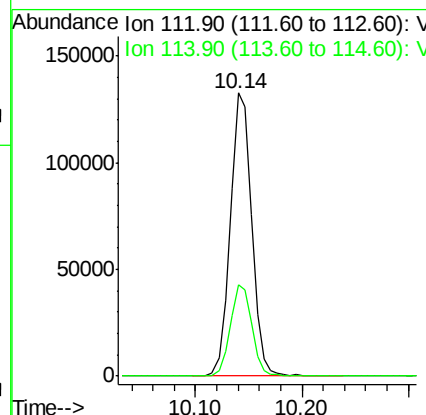
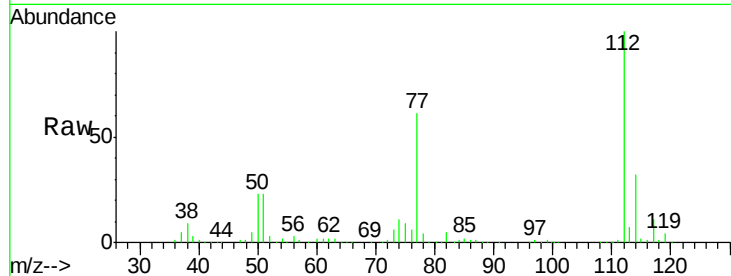




#65
Chlorobenzene
Concen: 19.94 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

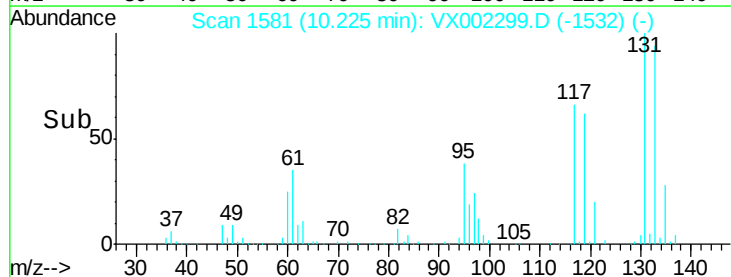
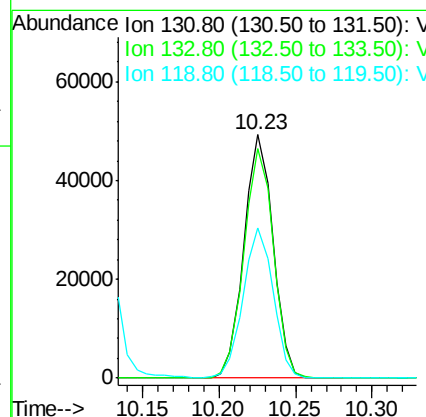
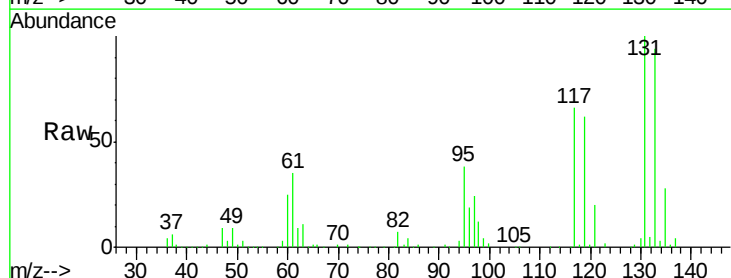
Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

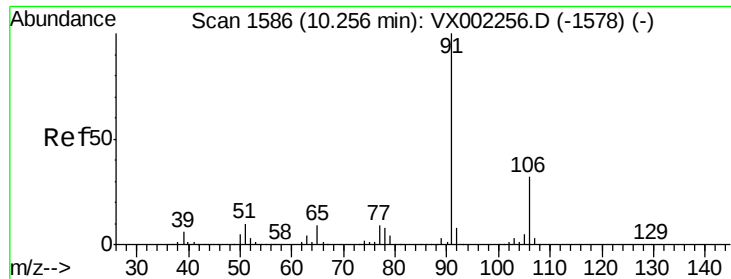
Tot Ion:112 Resp: 187234
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.21 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:131 Resp: 65308
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 63.7 31.8 95.3

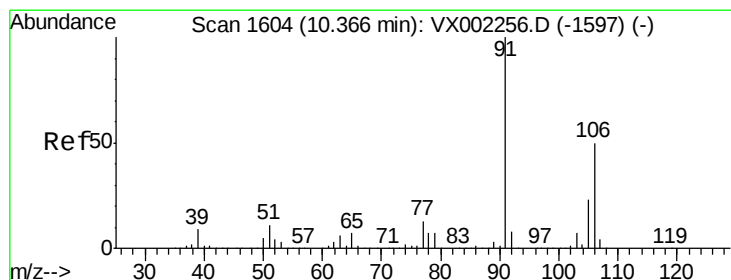
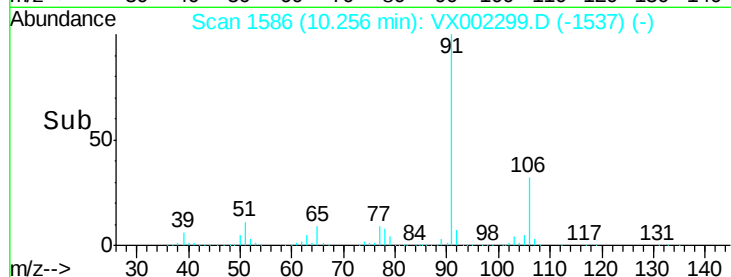
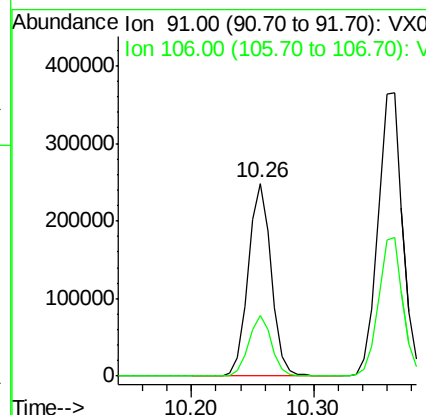
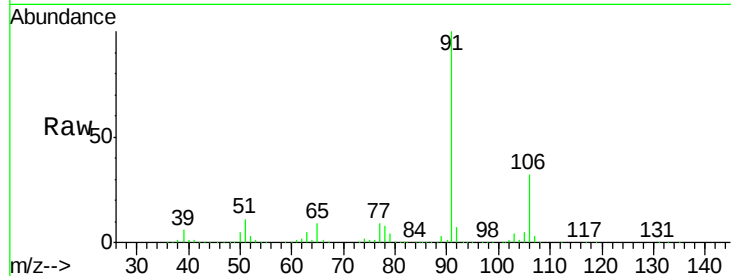




#67
Ethyl Benzene
Concen: 20.55 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

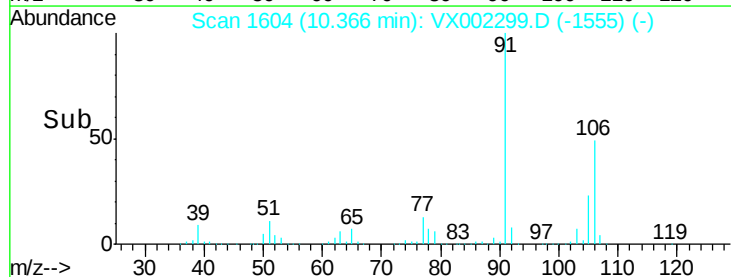
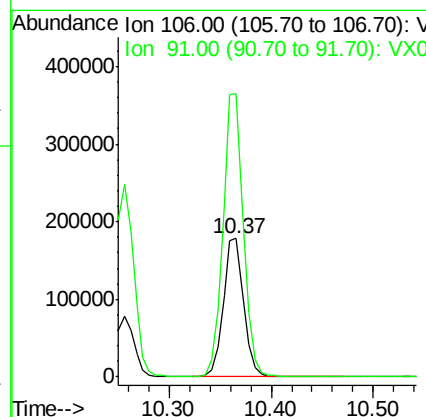
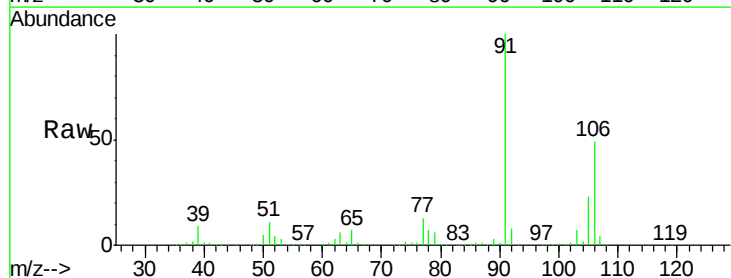
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

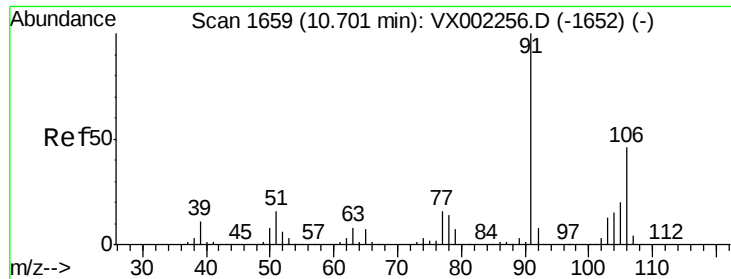
Tot Ion: 91 Resp: 322817
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 40.66 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion: 106 Resp: 248299
Ion Ratio Lower Upper
106 100
91 206.6 163.4 245.2

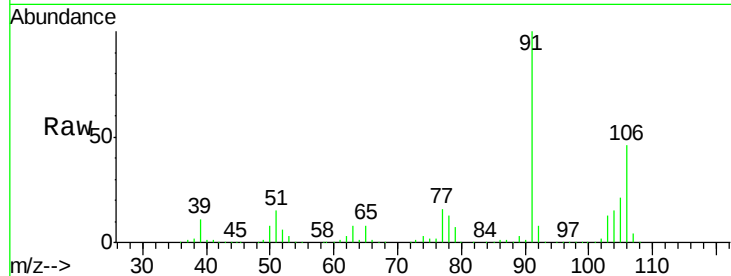




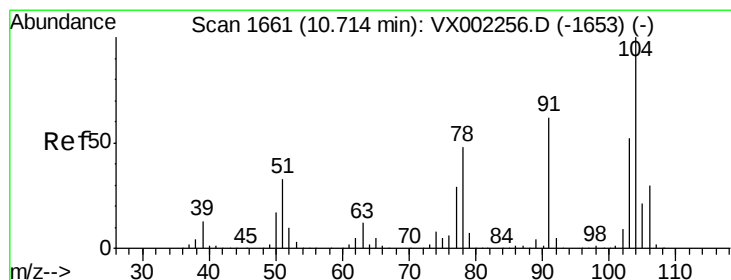
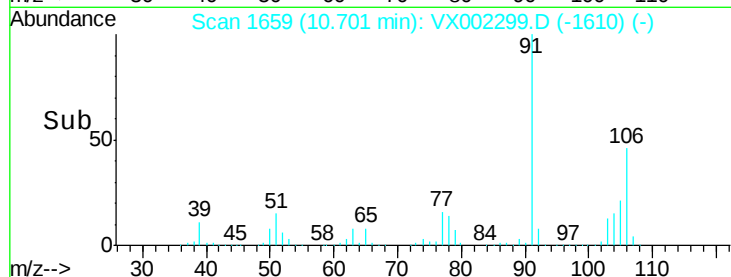
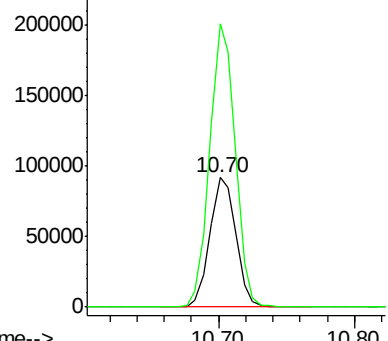
#69
o-Xylene
Concen: 20.07 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

Tot Ion:106 Resp: 121963
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

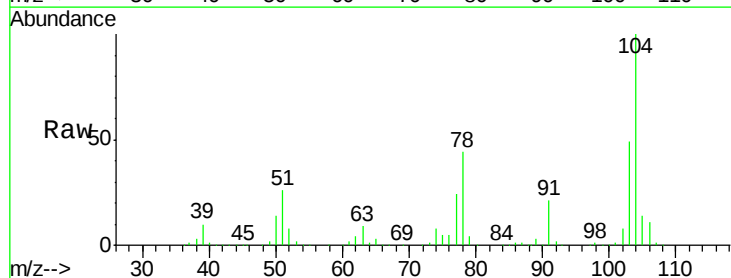


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

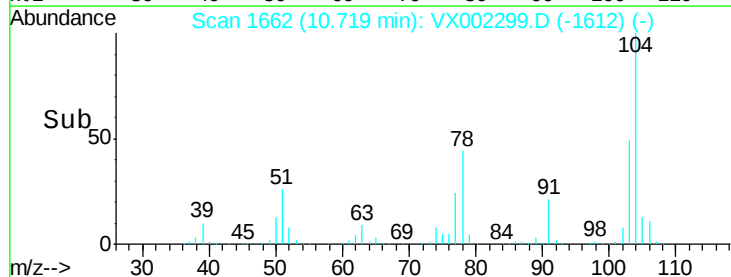
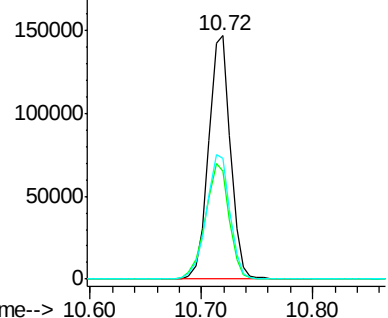


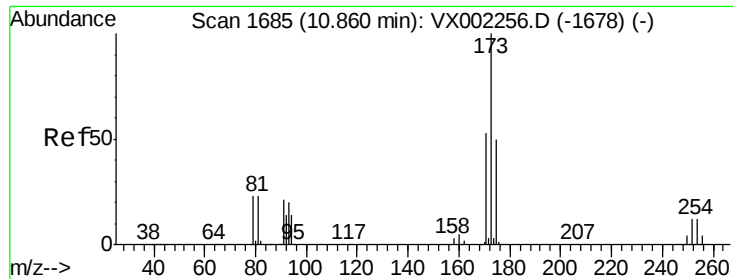
#70
Styrene
Concen: 20.05 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:104 Resp: 199203
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.6
103 55.4 44.2 66.4



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

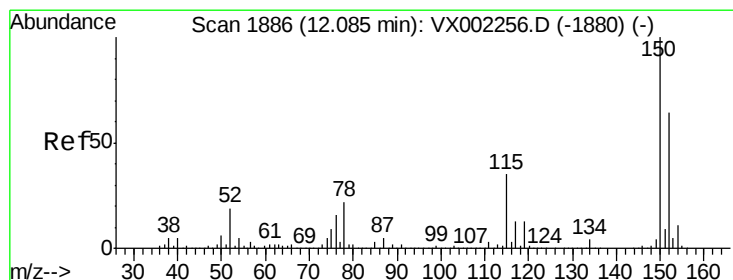
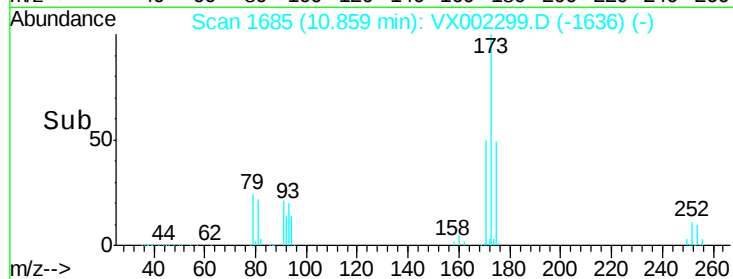
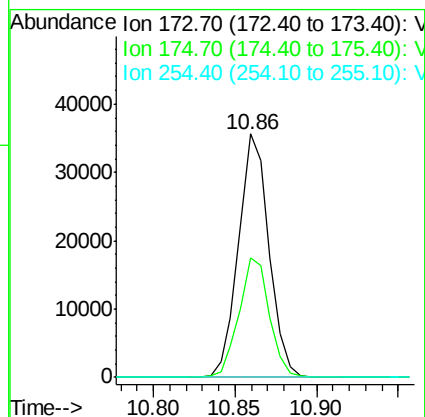
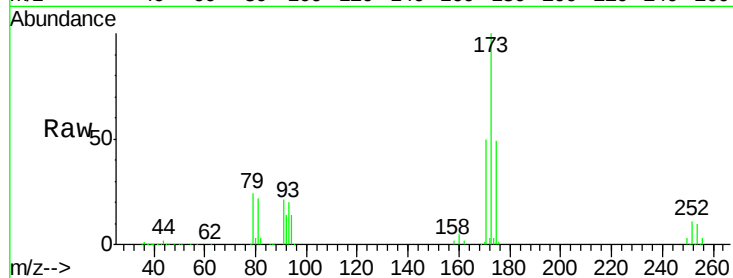




#71
Bromoform
Concen: 17.64 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

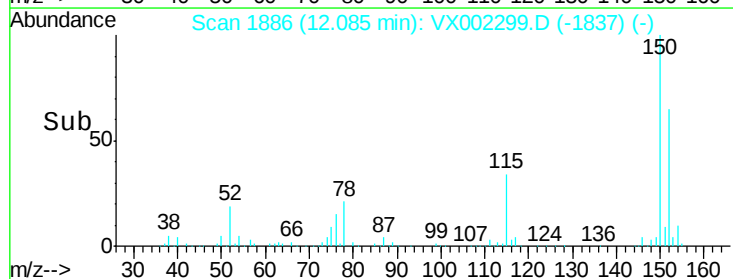
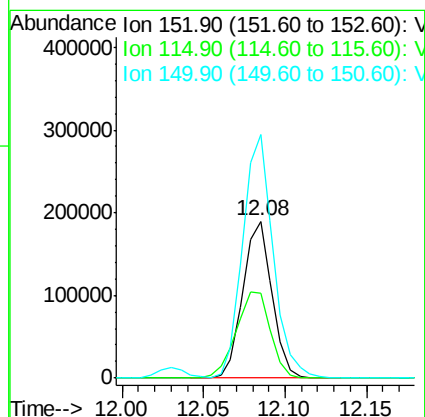
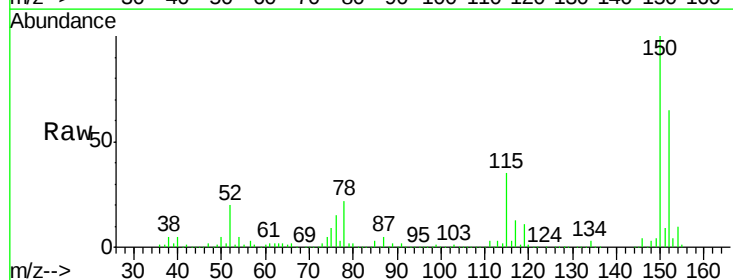
Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

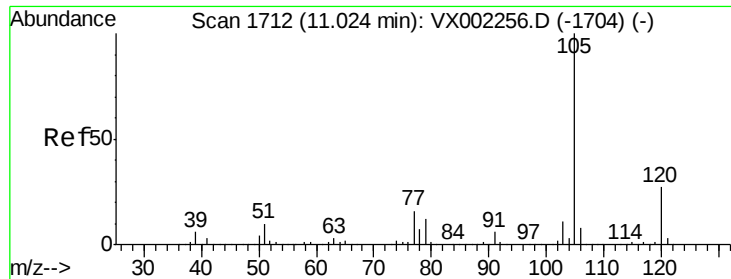
Tot Ion:173 Resp: 46378
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002299.D
Acq: 05 Jun 2018 12:25

Tgt Ion:152 Resp: 235996
Ion Ratio Lower Upper
152 100
115 65.1 40.1 120.2
150 162.2 0.0 347.2





#73

Isopropylbenzene

Concen: 20.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

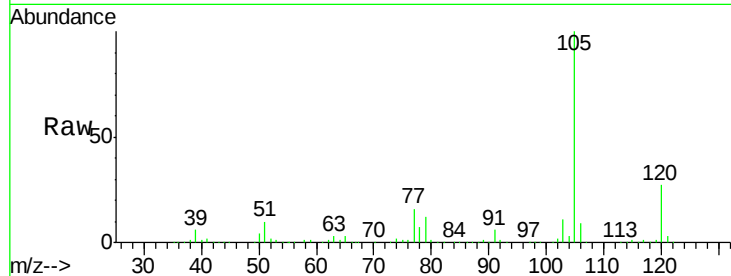
VX0605WBSD01

Tot Ion:105 Resp: 329769

Ion Ratio Lower Upper

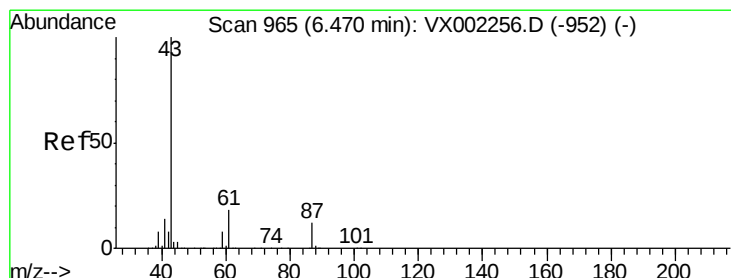
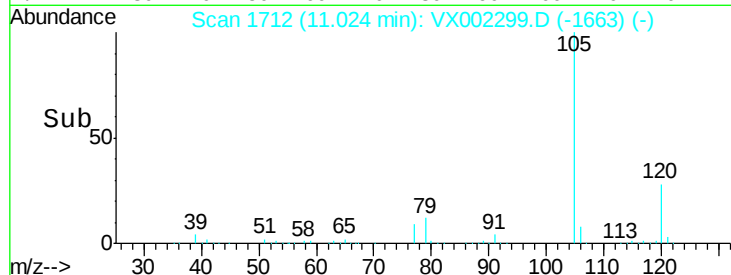
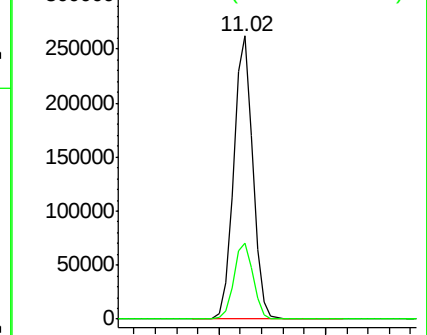
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Tgt Ion: 43 Resp: 161464

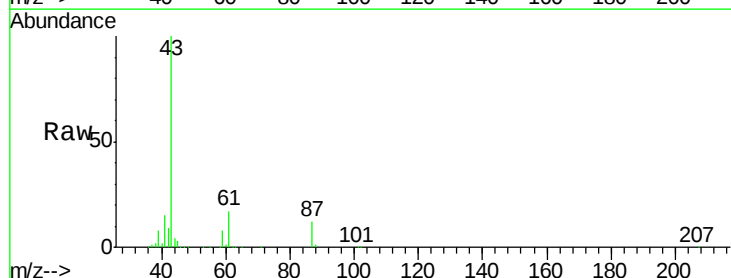
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6

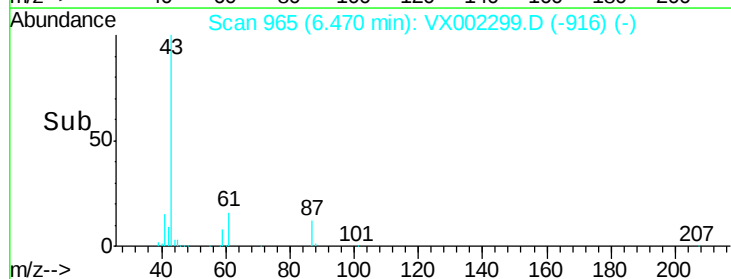
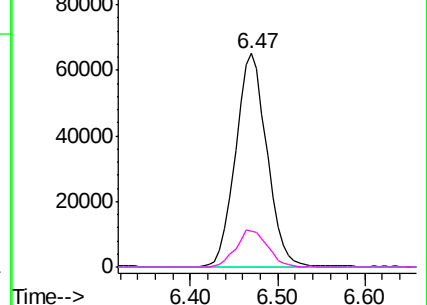


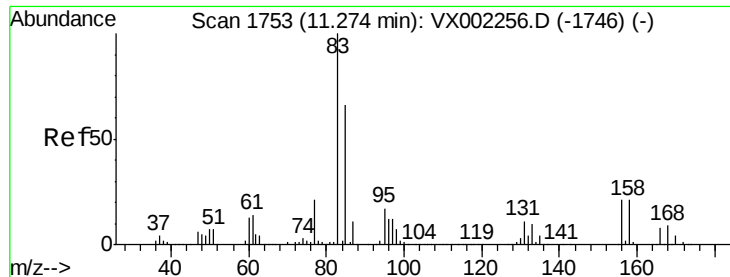
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.65 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

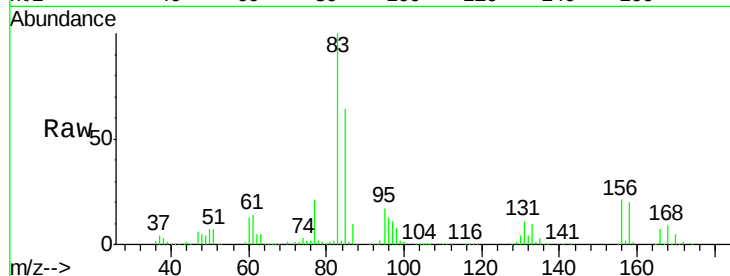
Tot Ion: 83 Resp: 96276

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

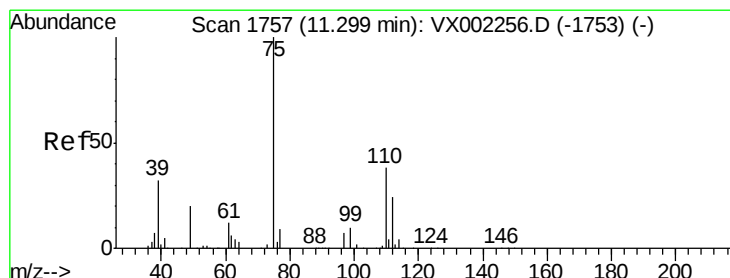
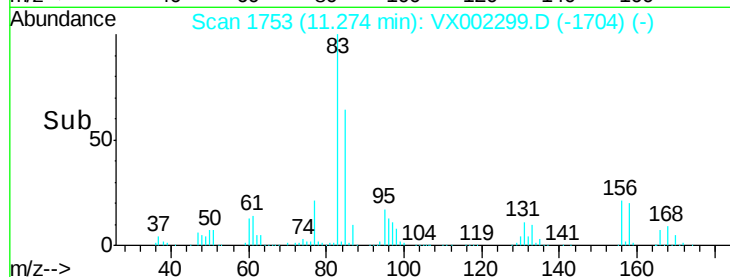
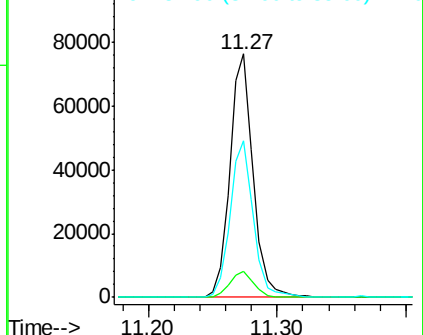
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.44 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002299.D

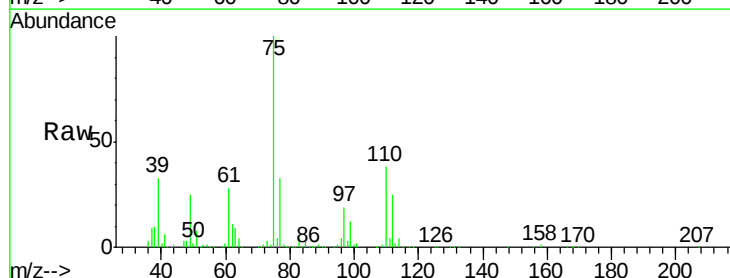
Acq: 05 Jun 2018 12:25

Tgt Ion: 75 Resp: 111030

Ion Ratio Lower Upper

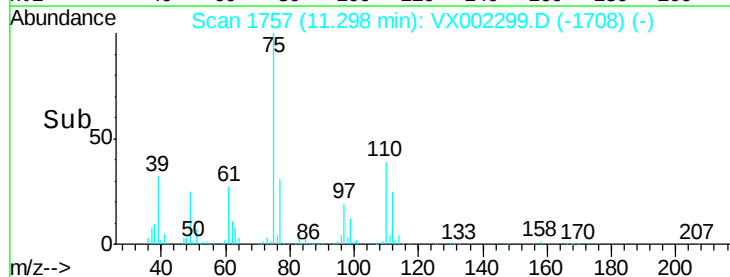
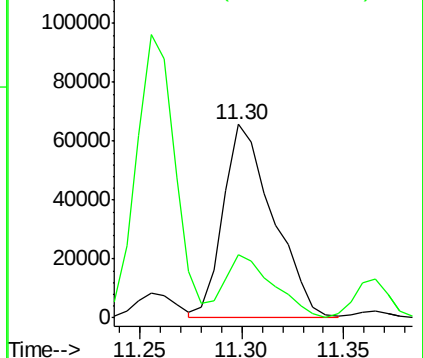
75 100

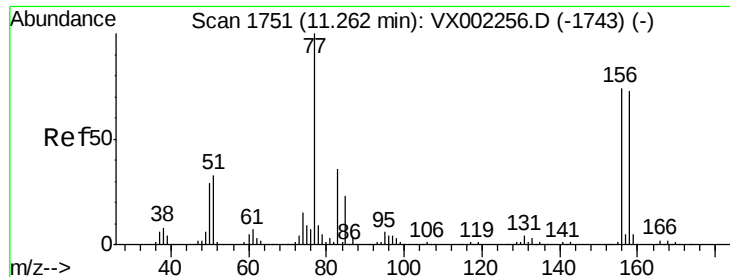
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

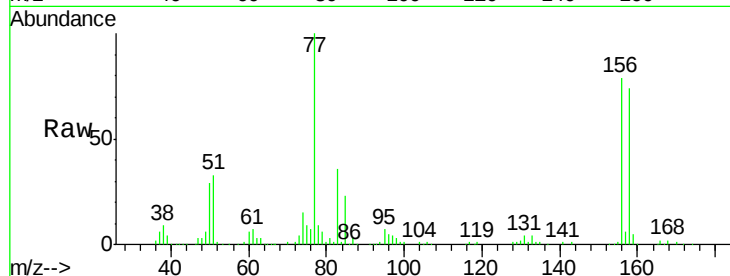
Tot Ion:156 Resp: 90069

Ion Ratio Lower Upper

156 100

77 140.2 71.4 214.2

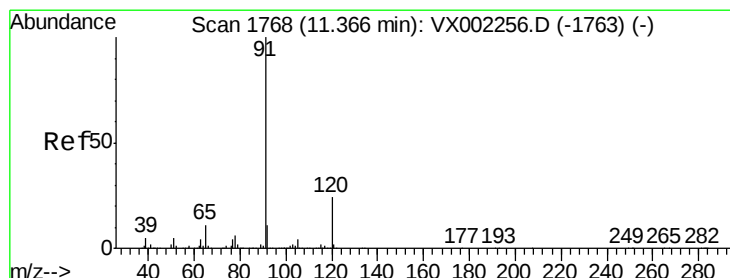
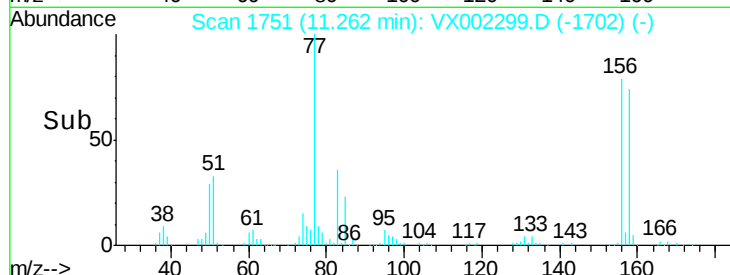
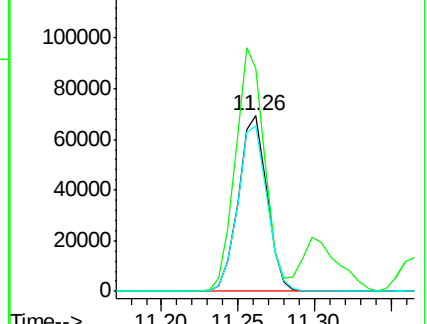
158 96.7 48.9 146.6



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: 20.76 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002299.D

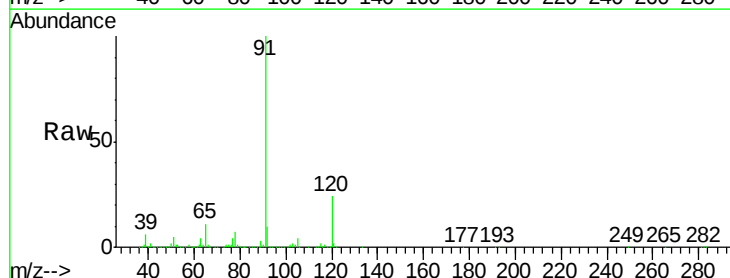
Acq: 05 Jun 2018 12:25

Tgt Ion: 91 Resp: 378769

Ion Ratio Lower Upper

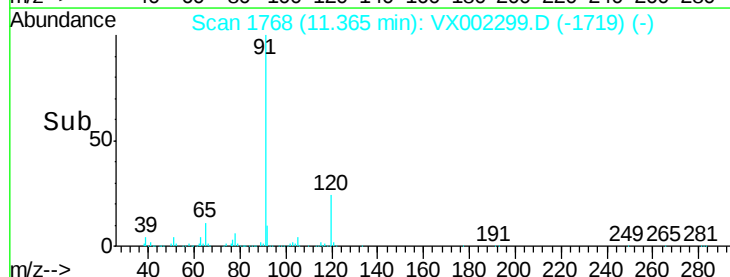
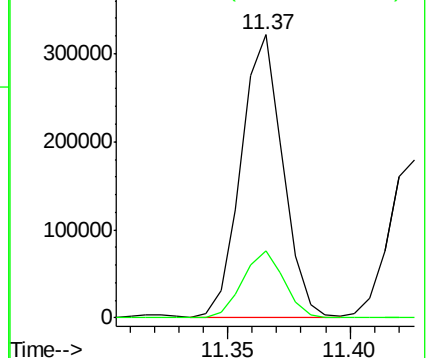
91 100

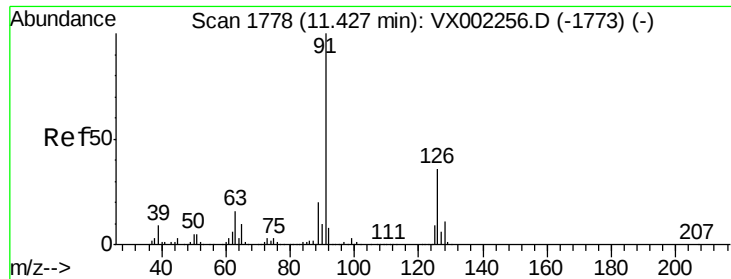
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

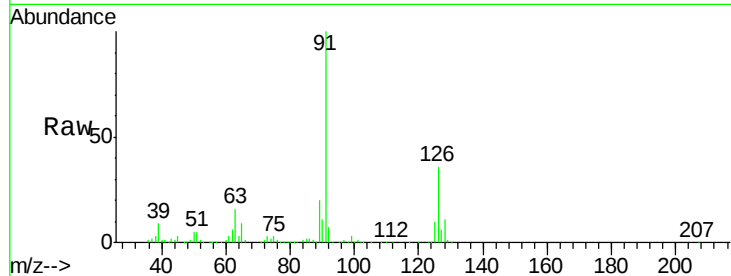
VX0605WBSD01

Tot Ion: 91 Resp: 222695

Ion Ratio Lower Upper

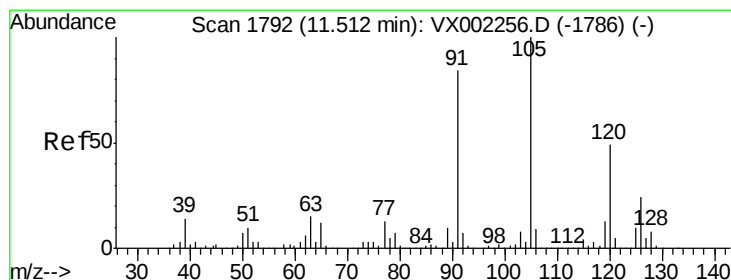
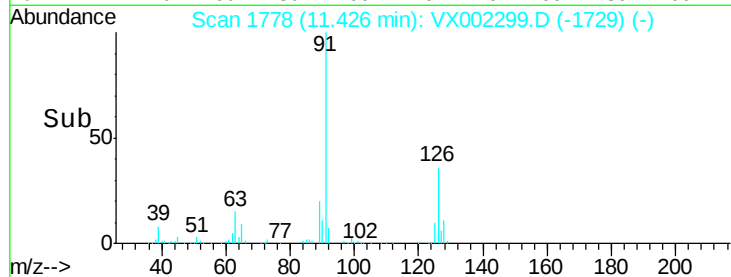
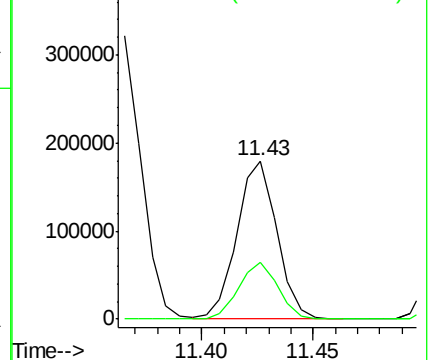
91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002299.D

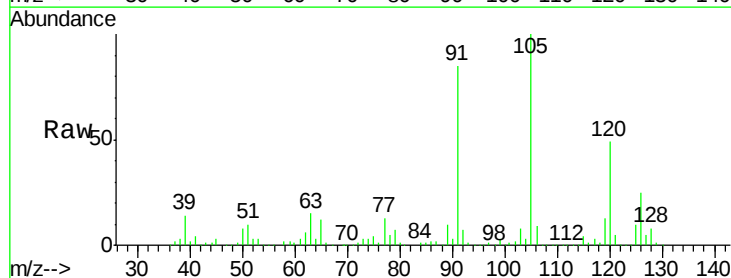
Acq: 05 Jun 2018 12:25

Tgt Ion: 105 Resp: 283291

Ion Ratio Lower Upper

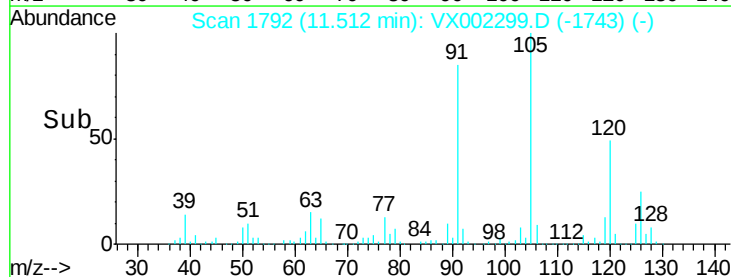
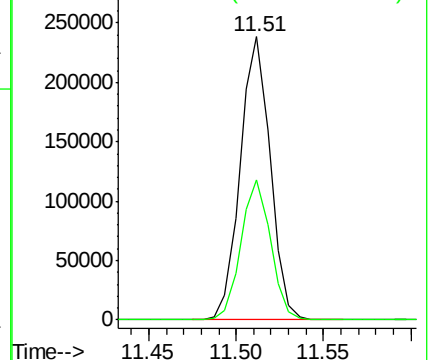
105 100

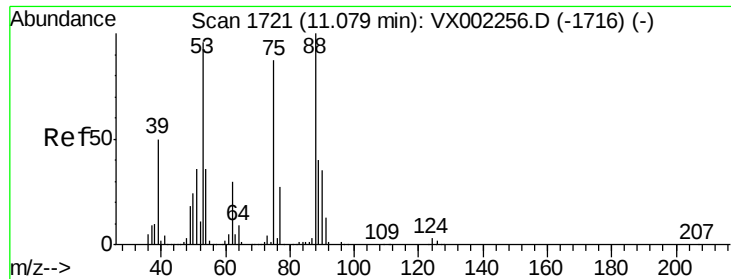
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.21 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

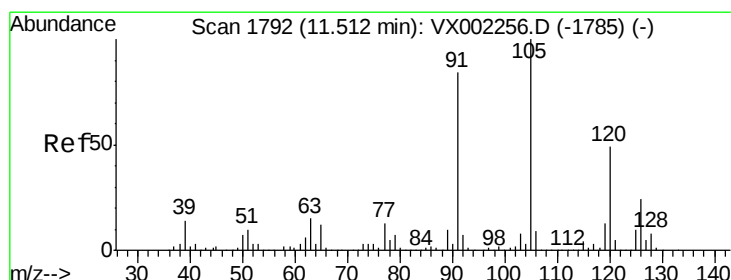
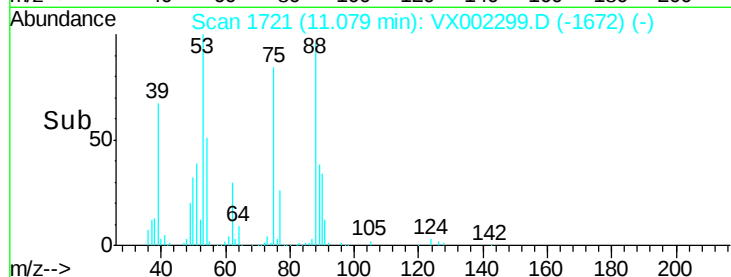
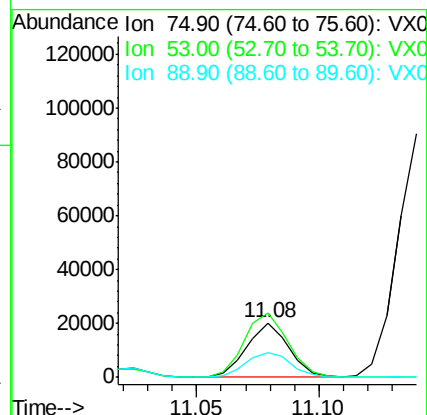
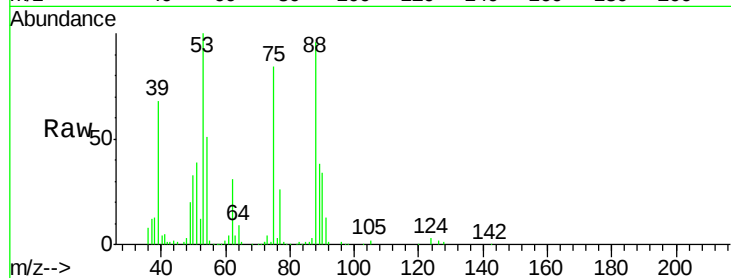
Tot Ion: 75 Resp: 23946

Ion Ratio Lower Upper

75 100

53 125.0 86.8 130.2

89 48.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.81 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002299.D

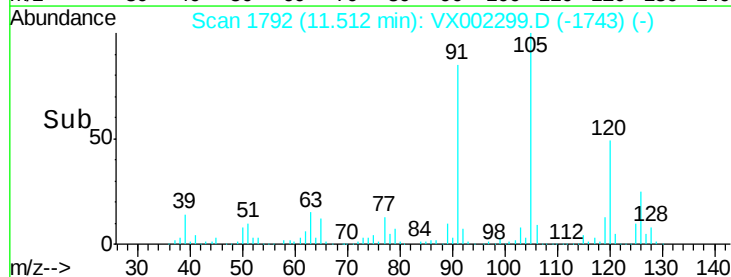
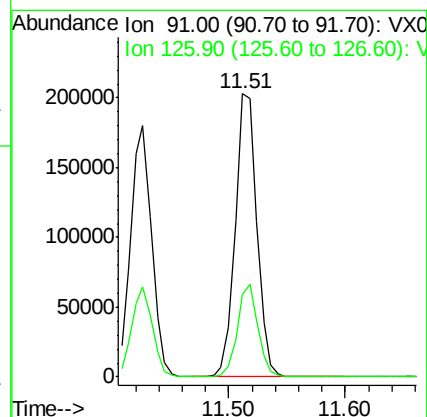
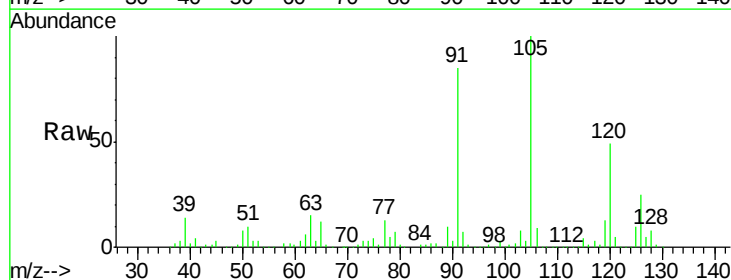
Acq: 05 Jun 2018 12:25

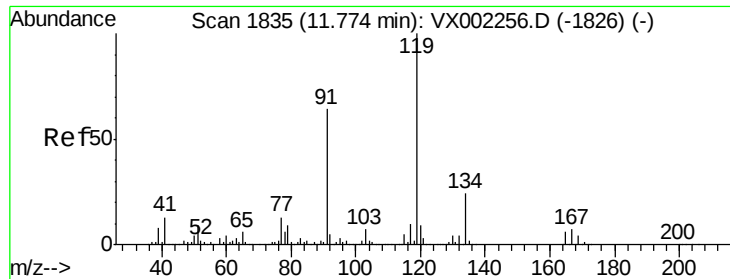
Tgt Ion: 91 Resp: 263450

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

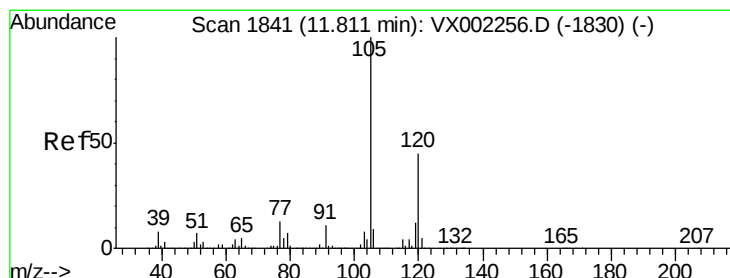
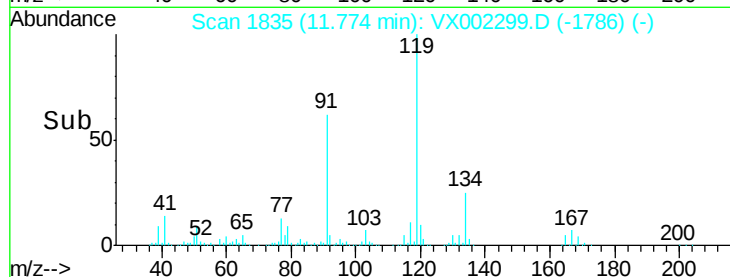
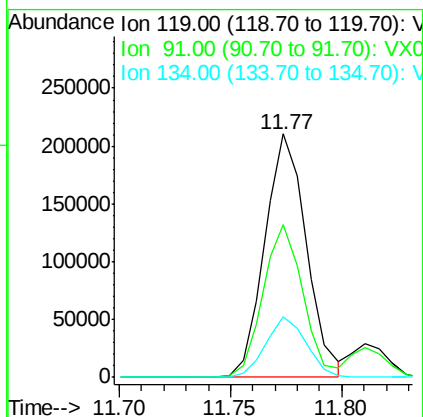
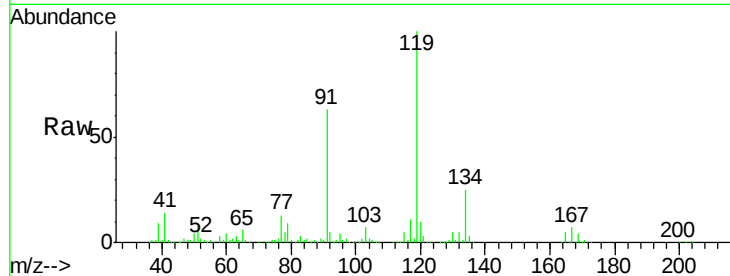




#83
 tert-Butylbenzene
 Concen: 19.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

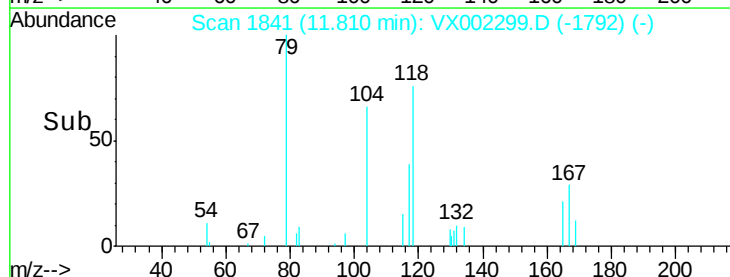
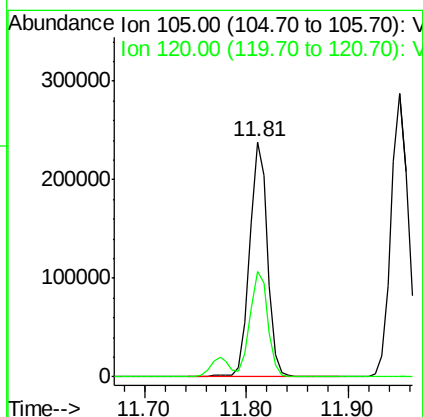
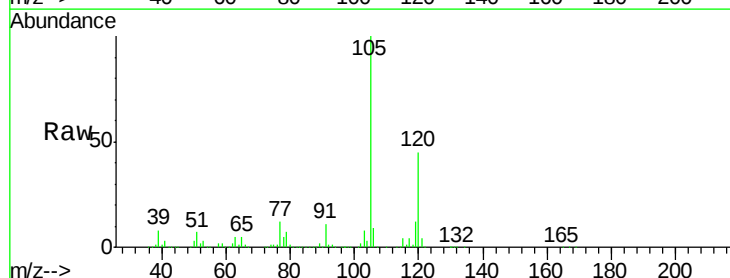
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0605WBSD01

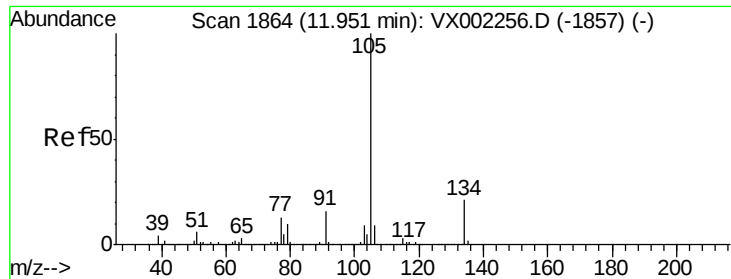
Tot Ion:119 Resp: 273115
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.3 90.9
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.01 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion:105 Resp: 289975
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

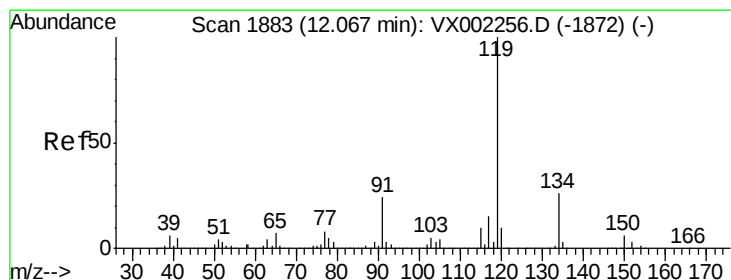
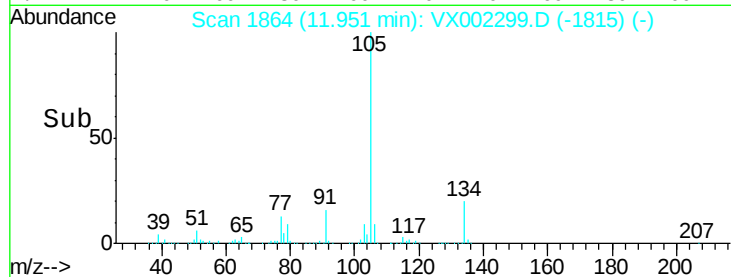
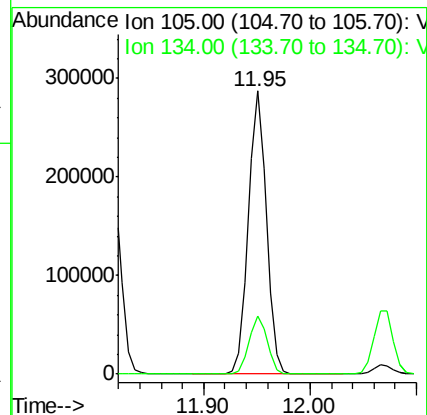
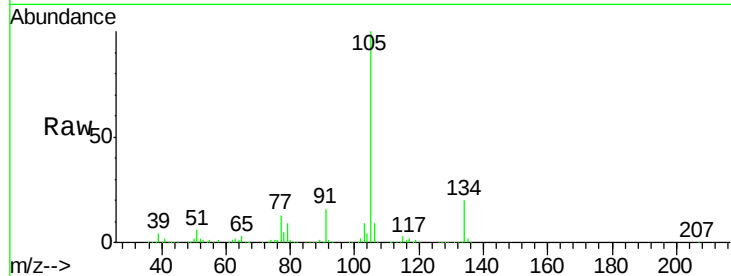
VX0605WBSD01

Tot Ion:105 Resp: 343625

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

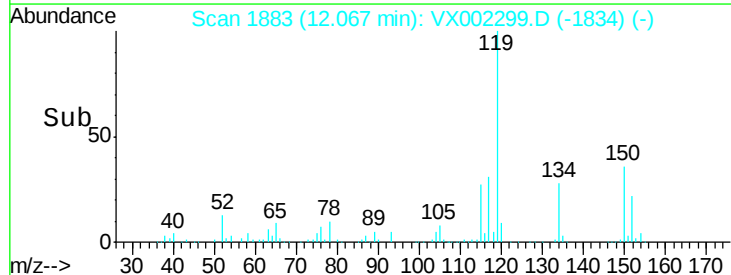
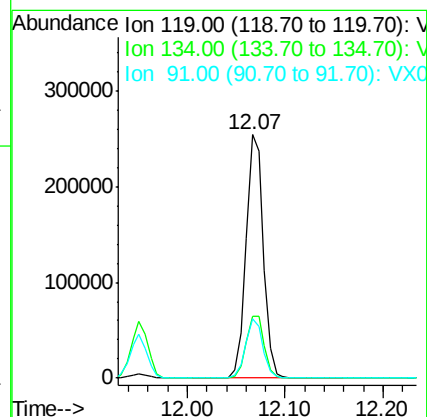
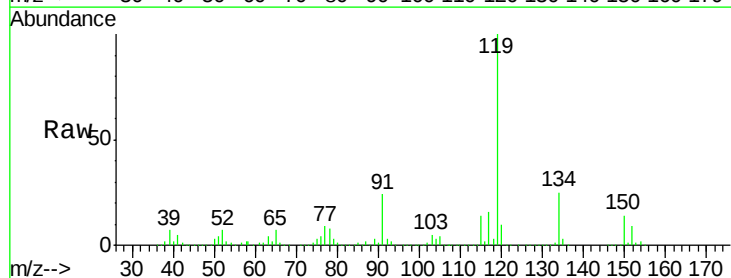
Tgt Ion:119 Resp: 311322

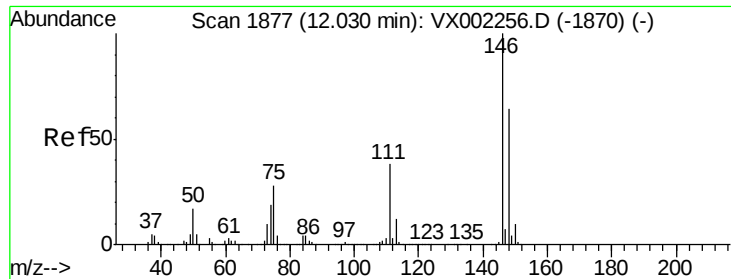
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.1 11.9 35.7

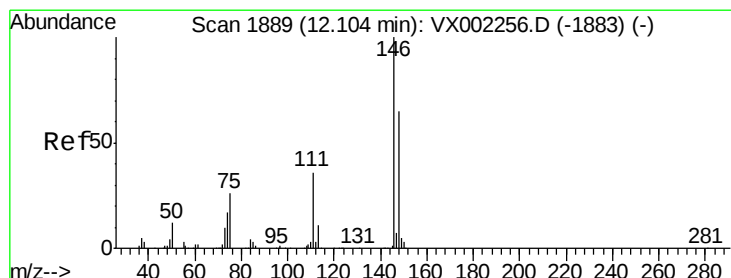
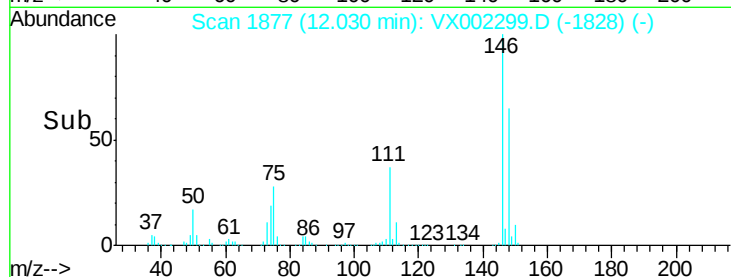
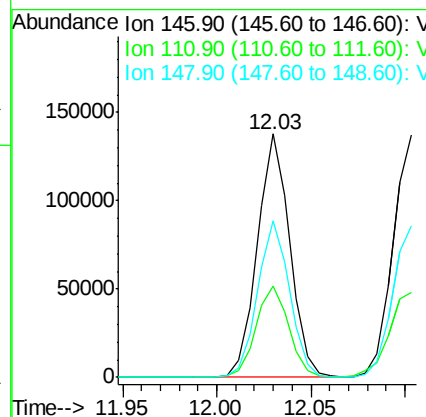
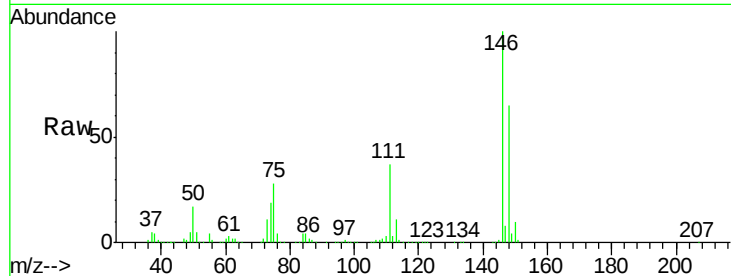




#87
 1,3-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

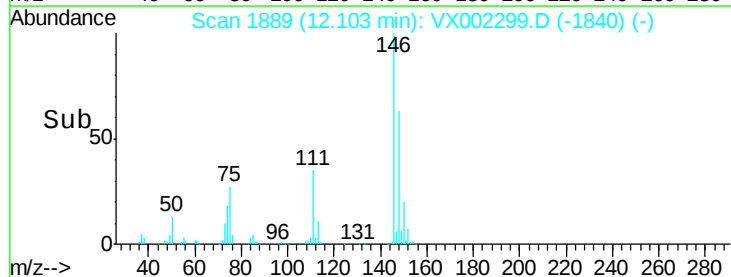
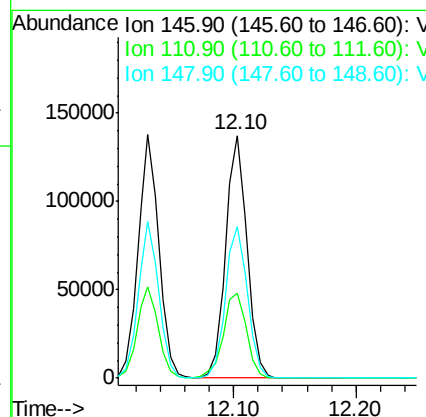
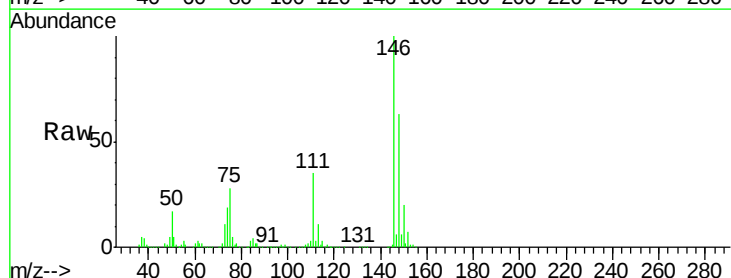
Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

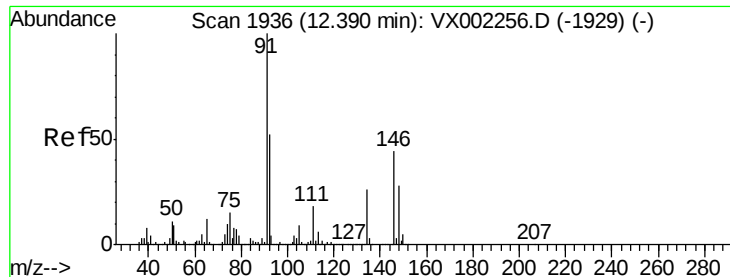
Tot Ion:146 Resp: 163777
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion:146 Resp: 166067
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 21.51 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

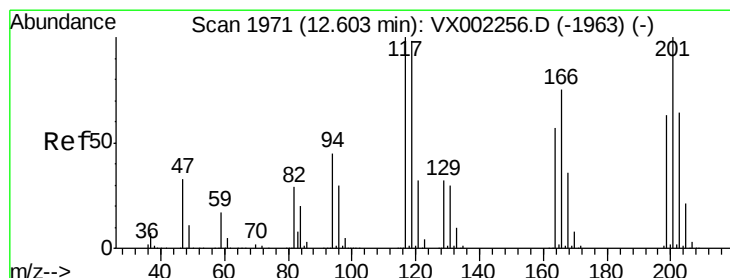
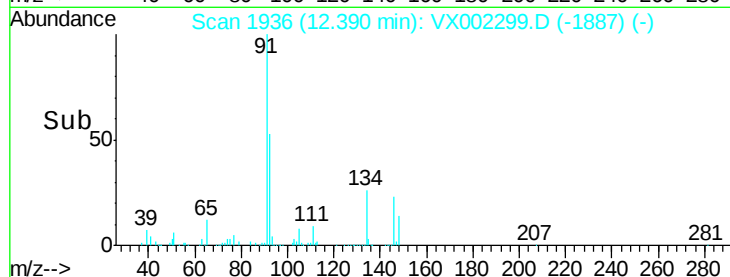
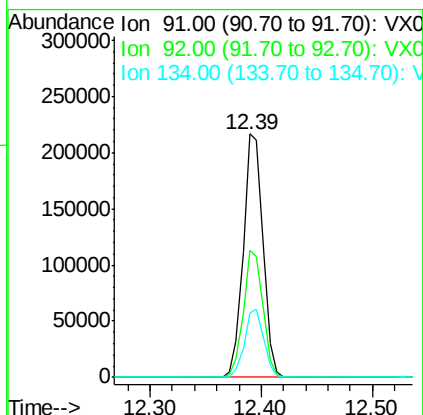
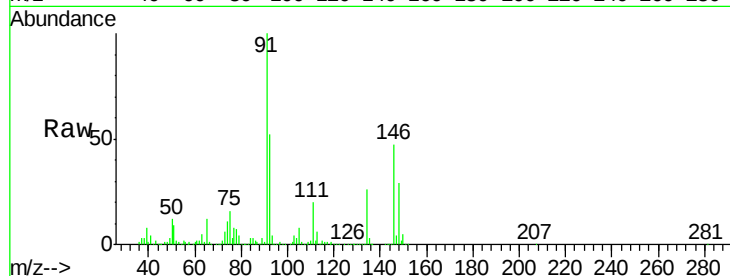
Tot Ion: 91 Resp: 264108

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 18.00 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002299.D

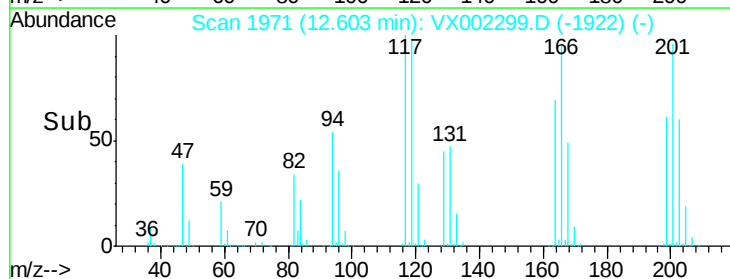
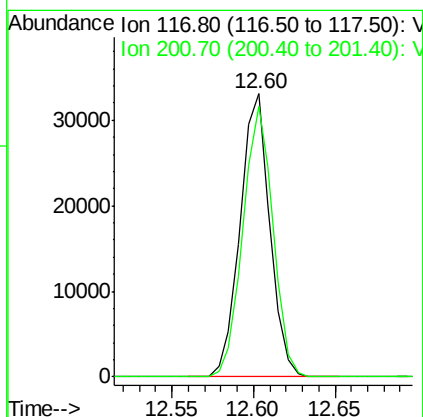
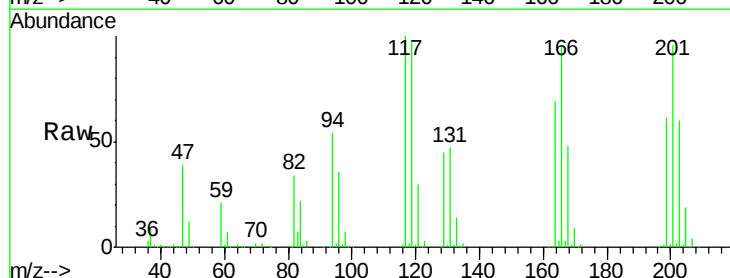
Acq: 05 Jun 2018 12:25

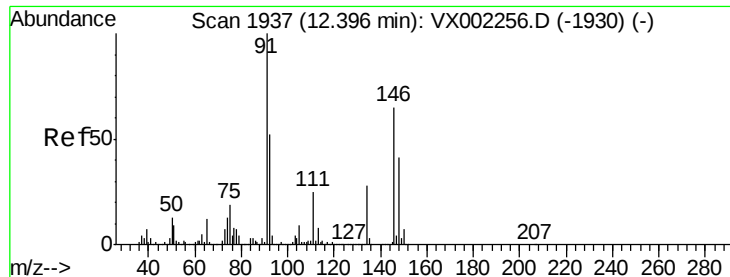
Tgt Ion: 117 Resp: 42064

Ion Ratio Lower Upper

117 100

201 96.4 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.60 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD01

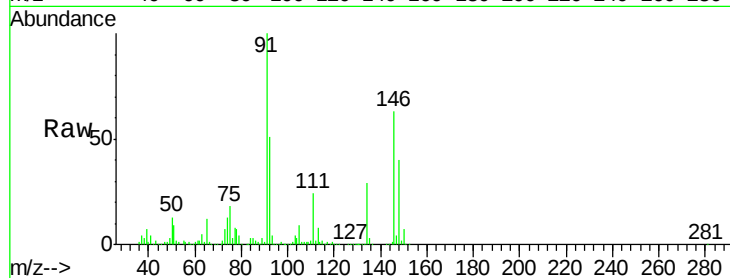
Tot Ion:146 Resp: 167149

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.1

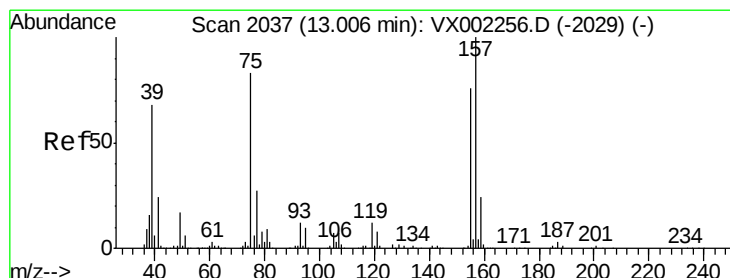
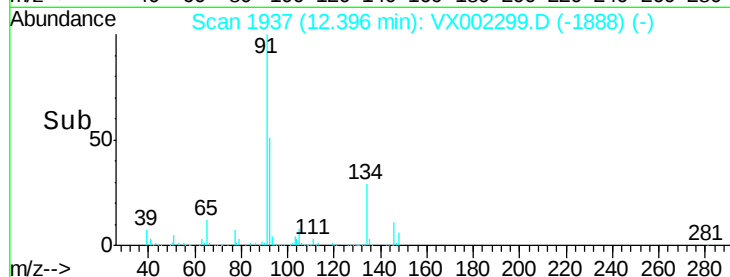
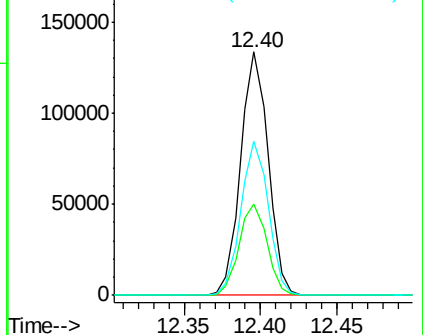
148 63.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.54 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

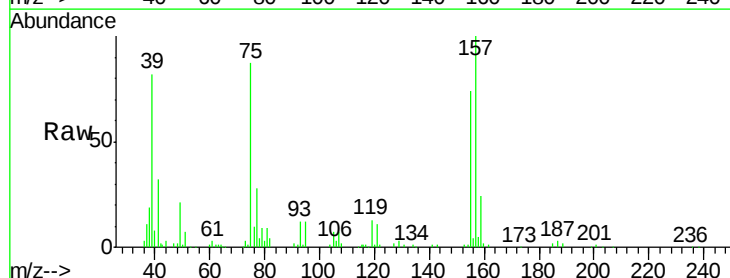
Tgt Ion: 75 Resp: 19803

Ion Ratio Lower Upper

75 100

155 92.4 45.8 137.4

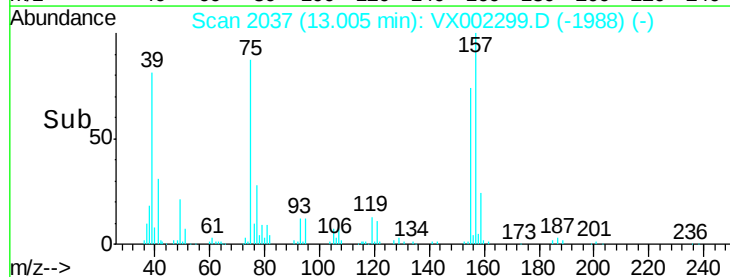
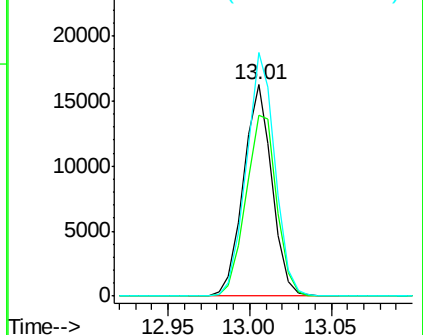
157 115.8 60.1 180.3

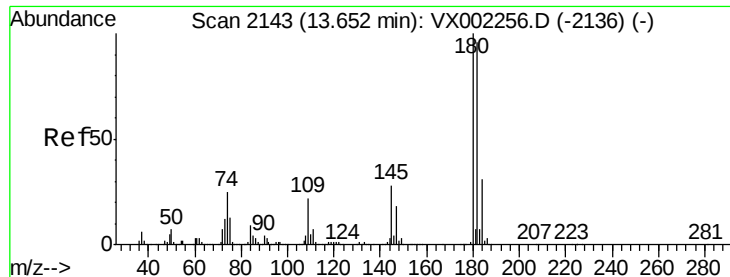


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

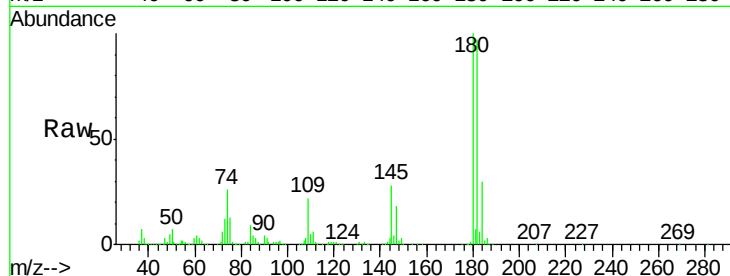




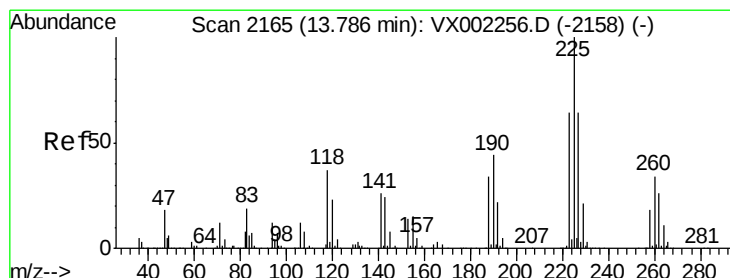
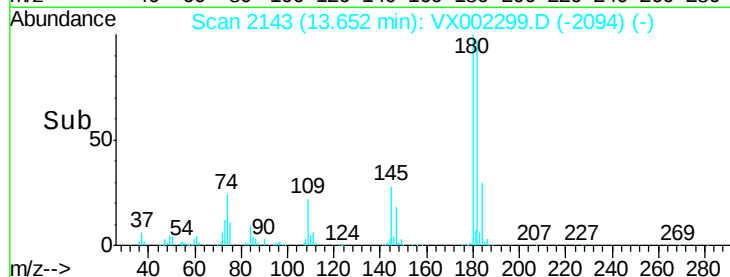
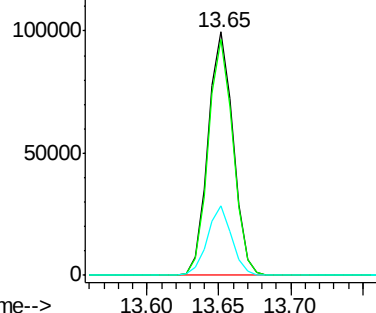
#93
 1,2,4-Trichlorobenzene
 Concen: 20.22 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion:180 Resp: 120874
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 27.6 14.1 42.4

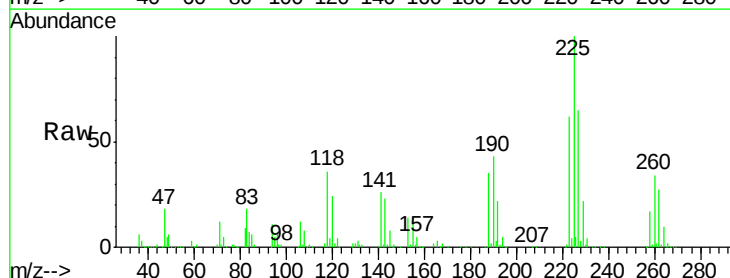


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

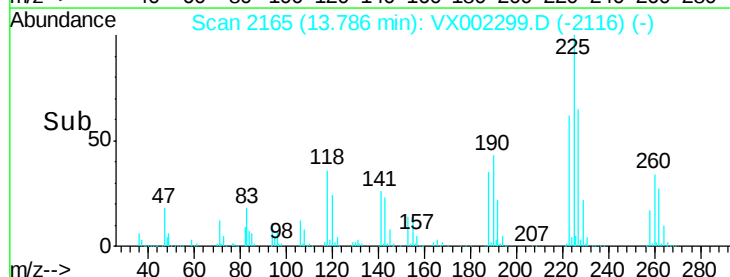
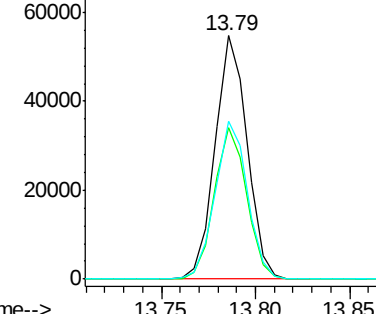


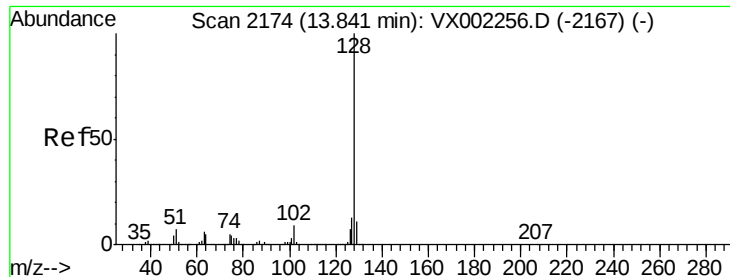
#94
 Hexachlorobutadiene
 Concen: 21.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002299.D
 Acq: 05 Jun 2018 12:25

Tgt Ion:225 Resp: 64411
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 65.4 32.4 97.2



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: 19.74 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD01

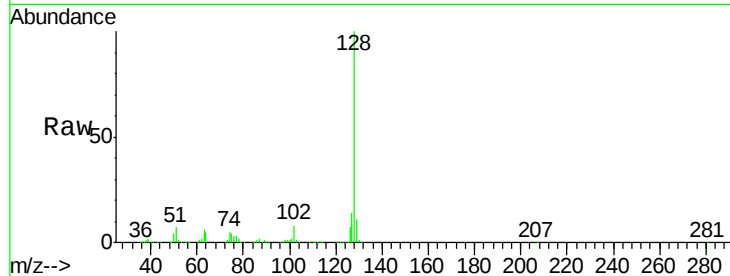
Tot Ion:128 Resp: 339116

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

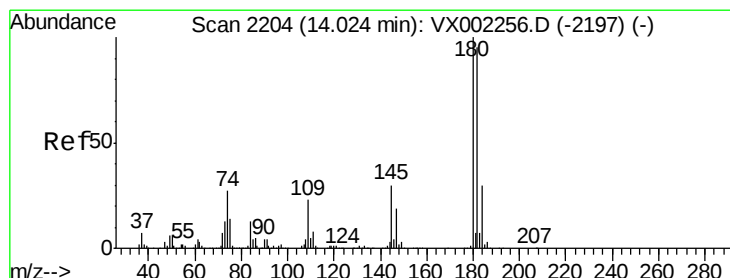
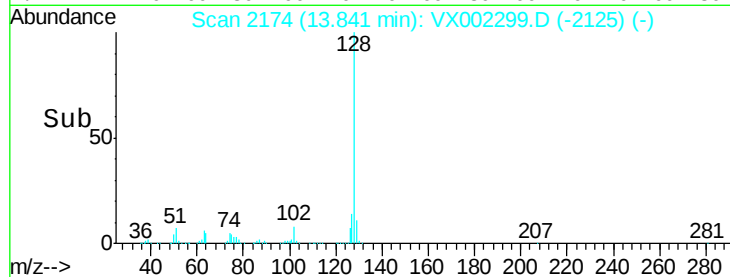
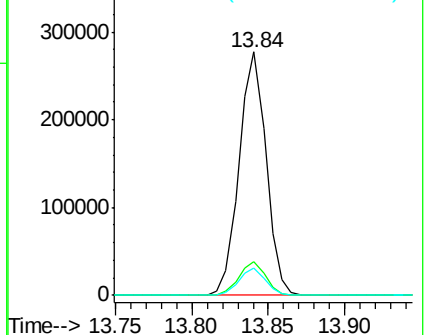
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002299.D

Acq: 05 Jun 2018 12:25

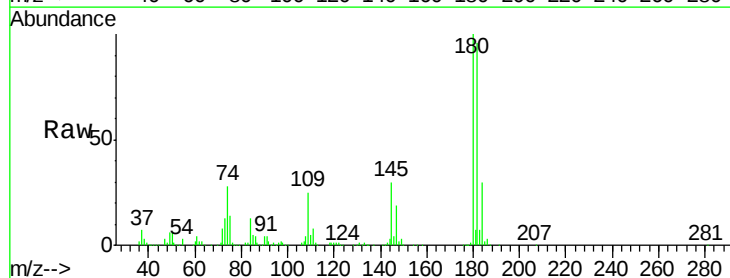
Tgt Ion:180 Resp: 123993

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

