

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002569.D
 Acq On : 14 Jun 2018 23:51
 Operator : JC/MD
 Sample : VX0614WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:21:23 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	244996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205725	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	177280	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	5.51	113	139233	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
50) Toluene-d8	8.72	98	542592	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	202990	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31038	12.19	ug/l	100
3) Chloromethane	1.32	50	44930	13.29	ug/l	100
4) Vinyl Chloride	1.40	62	48224	15.02	ug/l	99
5) Bromomethane	1.64	94	31392	14.94	ug/l	99
6) Chloroethane	1.73	64	33146	15.96	ug/l	100
7) Trichlorofluoromethane	1.93	101	78996	16.15	ug/l	99
8) Diethyl Ether	2.19	74	34777	18.50	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43632	16.53	ug/l	100
10) Methyl Iodide	2.51	142	53106	14.31	ug/l	98
11) Tert butyl alcohol	3.07	59	67363	80.39	ug/l	97
12) 1,1-Dichloroethene	2.37	96	42572	16.32	ug/l	98
13) Acrolein	2.29	56	12187	26.30	ug/l	97
14) Allyl chloride	2.73	41	87406	15.44	ug/l	99
15) Acrylonitrile	3.15	53	154060	97.41	ug/l	99
16) Acetone	2.45	43	144294	82.96	ug/l	98
17) Carbon Disulfide	2.57	76	84099	12.23	ug/l	100
18) Methyl Acetate	2.78	43	74205	19.50	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	189757	19.43	ug/l	99
20) Methylene Chloride	2.86	84	53958	17.69	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47479	16.51	ug/l	96
22) Diisopropyl ether	3.88	45	169970	16.99	ug/l	98
23) Vinyl Acetate	3.83	43	723730	78.88	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85859	15.35	ug/l	98
25) 2-Butanone	4.71	43	200021	83.27	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49973	11.43	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52192	16.69	ug/l	93
28) Bromochloromethane	5.03	49	45972	16.97	ug/l	98
29) Tetrahydrofuran	5.17	42	129157	83.39	ug/l	98
30) Chloroform	5.21	83	91266	16.91	ug/l	98
31) Cyclohexane	5.58	56	59718	13.50	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	73003	15.95	ug/l	100
36) 1,1-Dichloropropene	5.80	75	57815	15.73	ug/l	98
37) Ethyl Acetate	4.87	43	78792	17.82	ug/l	100
38) Carbon Tetrachloride	5.79	117	60015	15.61	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:21:23 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)
39) Methylcyclohexane	7.46	83	59343	13.26	ug/l	95
40) Benzene	6.15	78	188914	16.76	ug/l	99
41) Methacrylonitrile	5.07	41	45189	17.86	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78749	17.58	ug/l	100
43) Isopropyl Acetate	6.47	43	129746	17.28	ug/l	99
44) Trichloroethene	7.21	130	53124	16.98	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51020	16.77	ug/l	100
46) Dibromomethane	7.67	93	35483	17.20	ug/l	100
47) Bromodichloromethane	7.90	83	61626	16.52	ug/l	96
48) Methyl methacrylate	7.78	41	64507	17.10	ug/l	96
49) 1,4-Dioxane	7.76	88	23254	329.73	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	430968	92.16	ug/l	100
52) Toluene	8.79	92	120966	16.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	69928	15.63	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	65205	15.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53874	18.27	ug/l	100
56) Ethyl methacrylate	9.18	69	80363	17.07	ug/l	98
57) 1,3-Dichloropropane	9.38	76	87884	17.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196963	90.40	ug/l	99
59) 2-Hexanone	9.50	43	322970	89.42	ug/l	99
60) Dibromochloromethane	9.59	129	48521	16.36	ug/l	99
61) 1,2-Dibromoethane	9.68	107	54058	17.58	ug/l	99
64) Tetrachloroethene	9.34	164	57707	16.92	ug/l	96
65) Chlorobenzene	10.14	112	142986	17.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	50741	17.03	ug/l	99
67) Ethyl Benzene	10.26	91	233909	16.99	ug/l	98
68) m/p-Xylenes	10.36	106	178509	33.36	ug/l	100
69) o-Xylene	10.70	106	89869	16.87	ug/l	99
70) Styrene	10.71	104	148918	17.10	ug/l	99
71) Bromoform	10.86	173	35569	15.87	ug/l #	99
73) Isopropylbenzene	11.02	105	241816	16.90	ug/l	99
74) N-amyl acetate	6.47	43	129746	16.83	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78706	17.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86776	19.22	ug/l	80
77) Bromobenzene	11.26	156	66831	16.63	ug/l	98
78) n-propylbenzene	11.37	91	269039	16.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	166360	16.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200275	16.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16437	12.76	ug/l	87
82) 4-Chlorotoluene	11.51	91	193708	16.71	ug/l	100
83) tert-Butylbenzene	11.77	119	196182	16.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	209027	16.54	ug/l	99
85) sec-Butylbenzene	11.95	105	235170	16.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	211179	16.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120164	16.73	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122069	16.49	ug/l	99
89) n-Butylbenzene	12.39	91	177436	16.57	ug/l	100
90) Hexachloroethane	12.60	117	29750	14.60	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	126025	16.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16354	16.61	ug/l	97

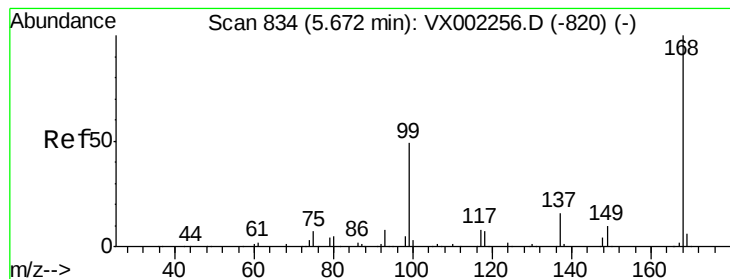
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86200	16.54	ug/l	98
94) Hexachlorobutadiene	13.79	225	41843	16.25	ug/l	99
95) Naphthalene	13.84	128	260757	17.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92494	17.40	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

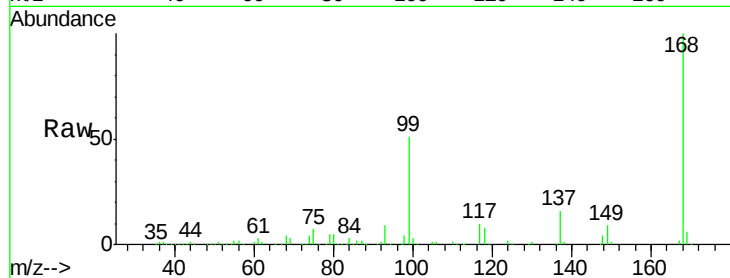
ClientSampled :

Tot Ion:168 Resp: 244996

Ion Ratio Lower Upper

168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

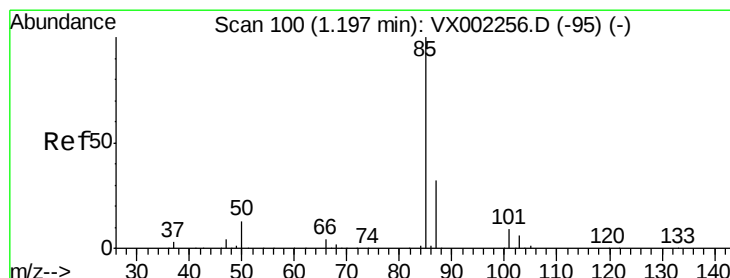
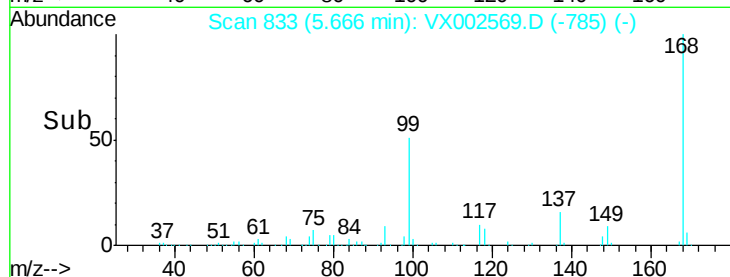
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 12.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002569.D

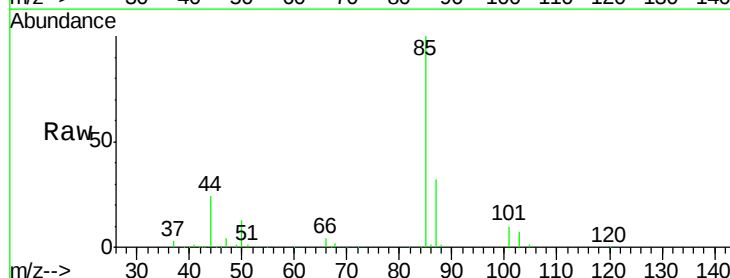
Acq: 14 Jun 2018 23:51

Tgt Ion: 85 Resp: 31038

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

20000

10000

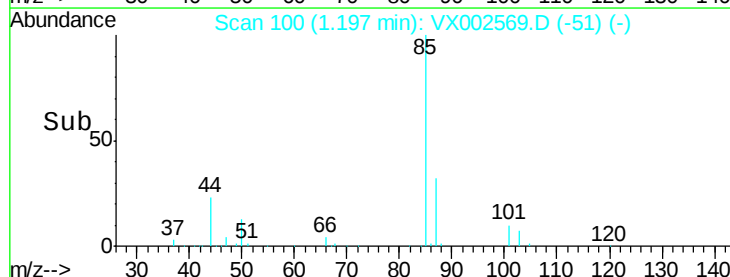
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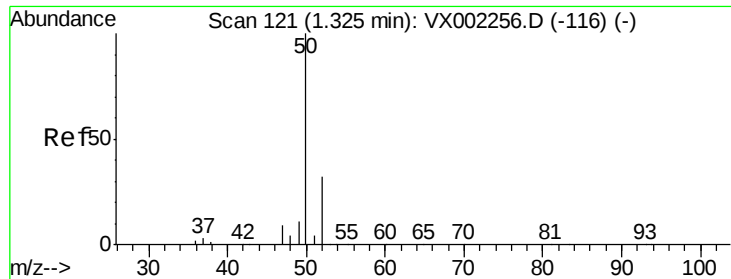
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 13.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

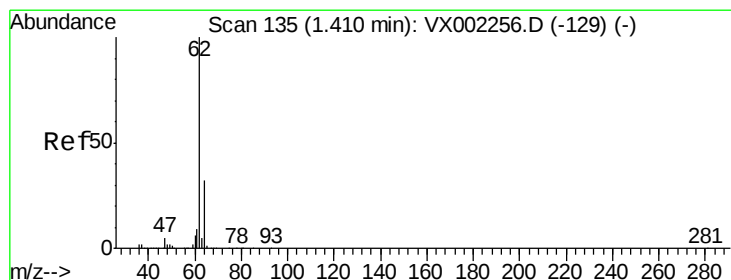
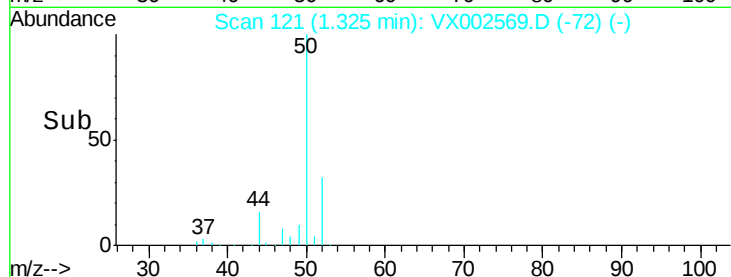
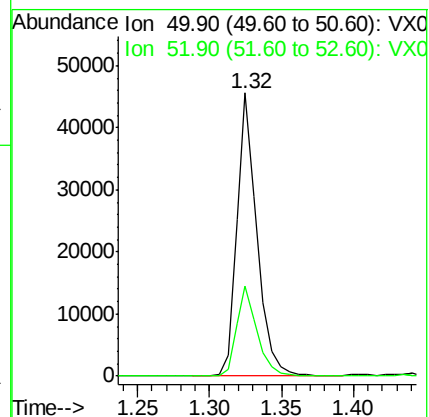
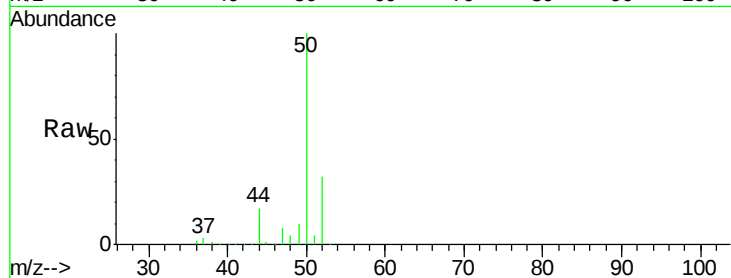
ClientSampleId :

Tot Ion: 50 Resp: 44930

Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



#4

Vinyl Chloride

Concen: 15.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002569.D

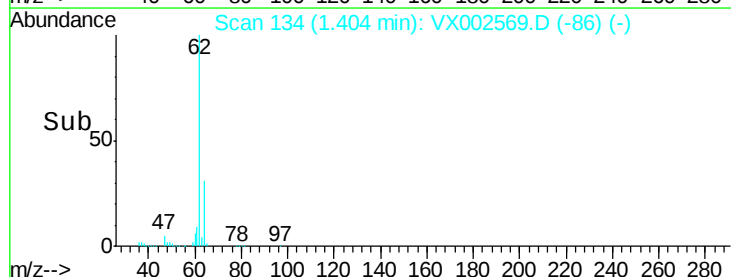
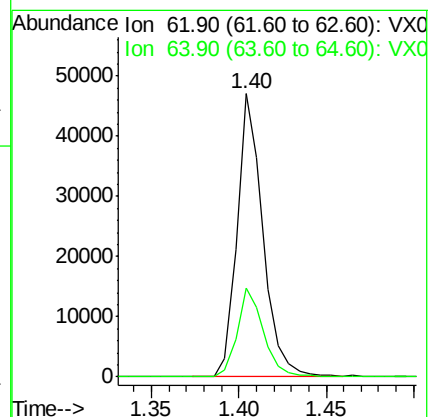
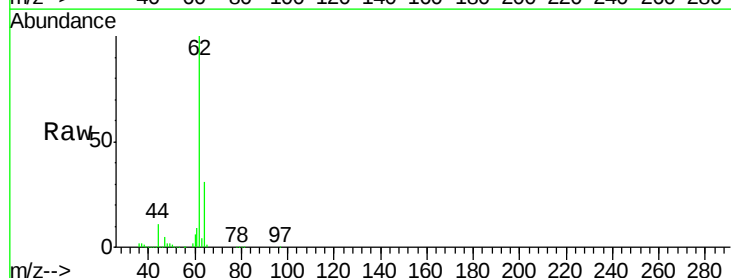
Acq: 14 Jun 2018 23:51

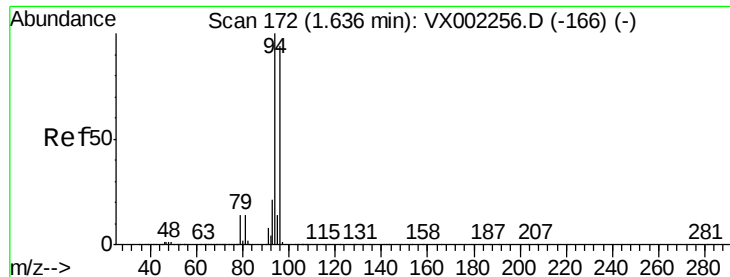
Tgt Ion: 62 Resp: 48224

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 14.94 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

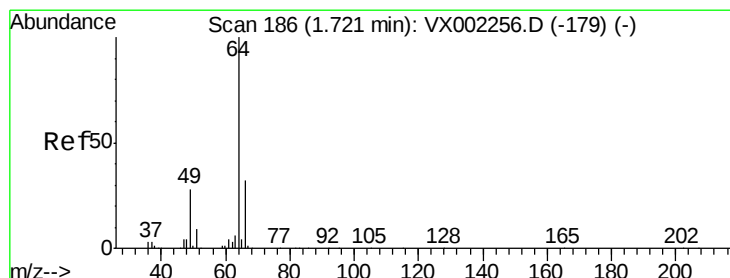
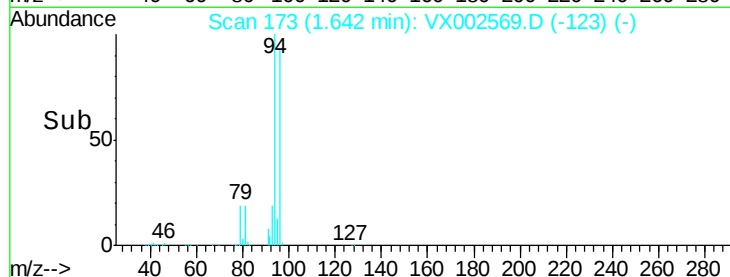
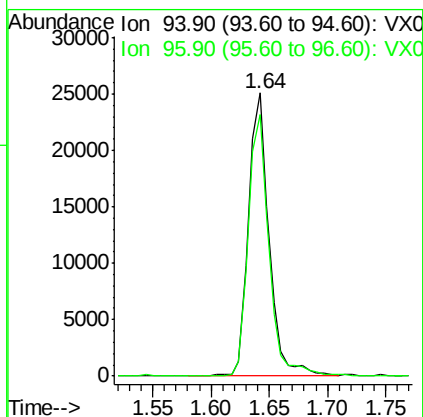
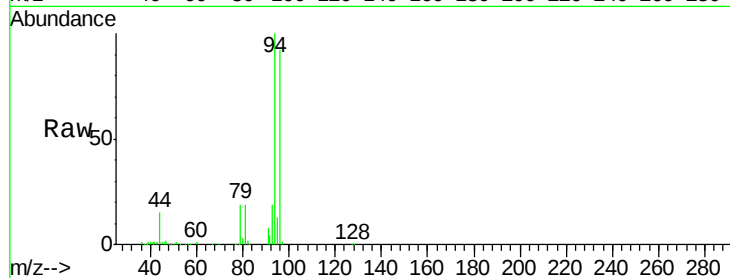
ClientSampled :

Tot Ion: 94 Resp: 31392

Ion Ratio Lower Upper

94 100

96 92.4 74.9 112.3



#6

Chloroethane

Concen: 15.96 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002569.D

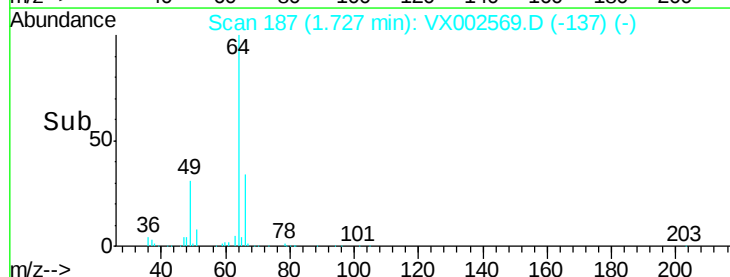
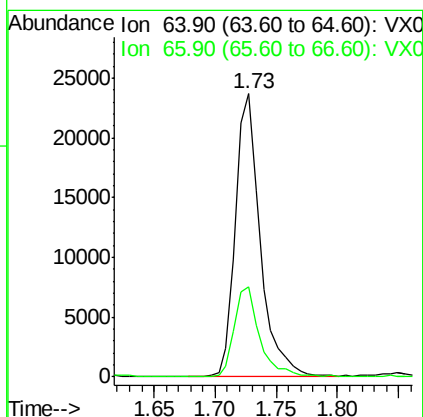
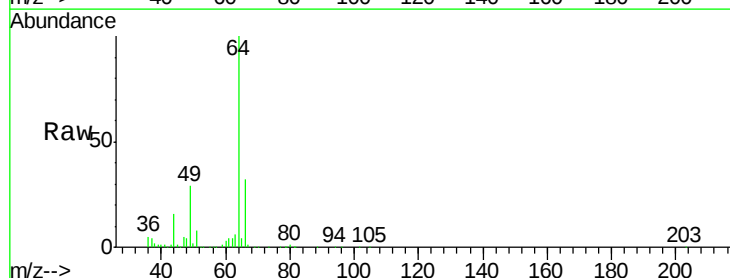
Acq: 14 Jun 2018 23:51

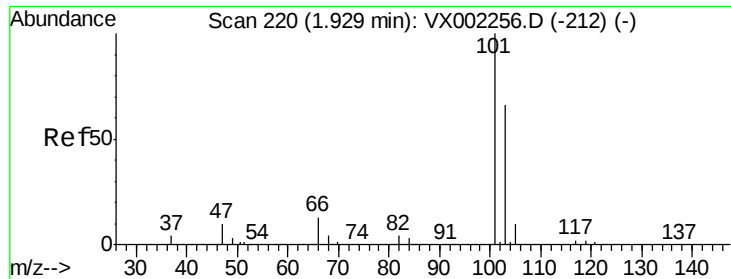
Tgt Ion: 64 Resp: 33146

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



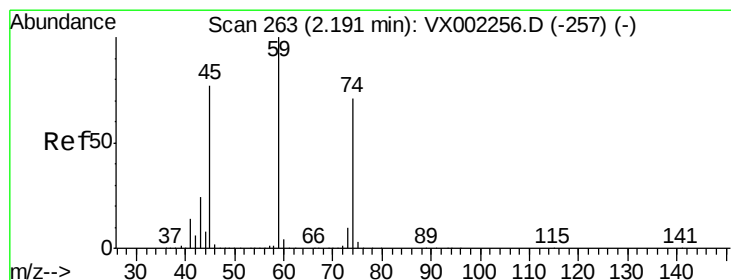
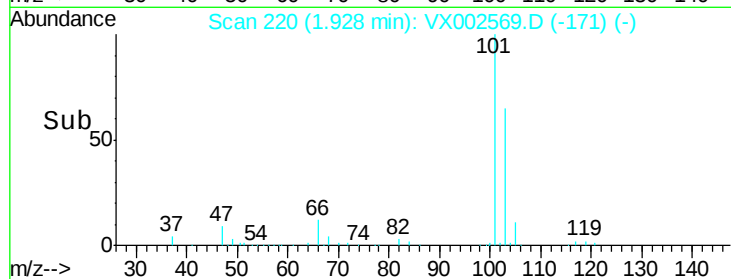
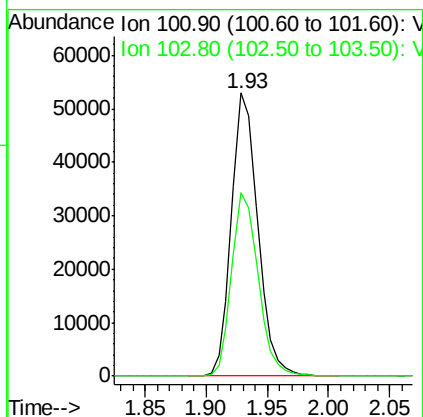
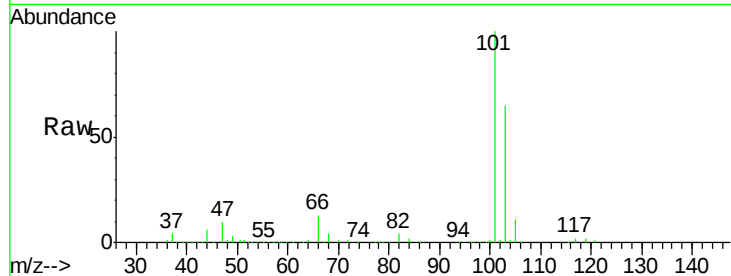


#7

Trichlorofluoromethane
 Concen: 16.15 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :

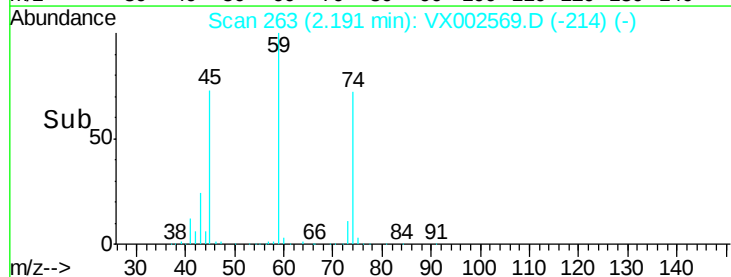
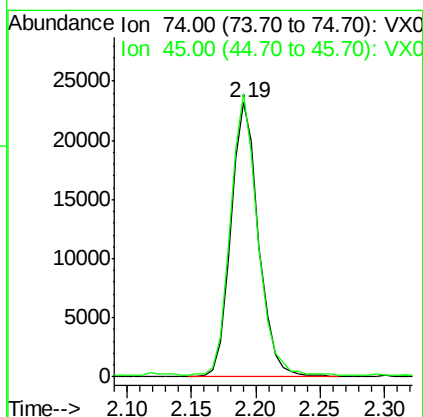
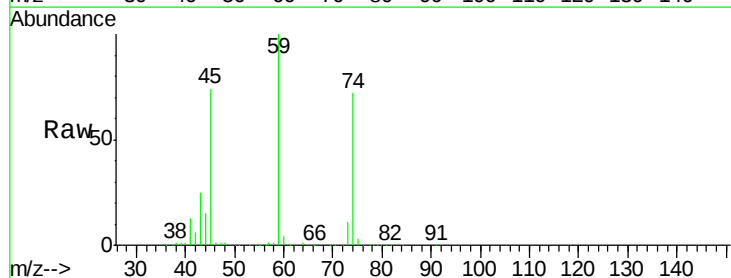
Tot Ion:101 Resp: 78996
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.8 79.2

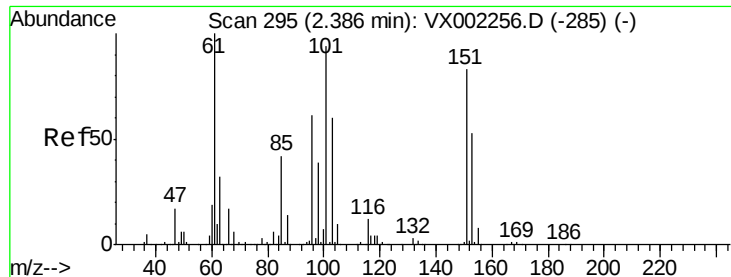


#8

Diethyl Ether
 Concen: 18.50 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion: 74 Resp: 34777
 Ion Ratio Lower Upper
 74 100
 45 100.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

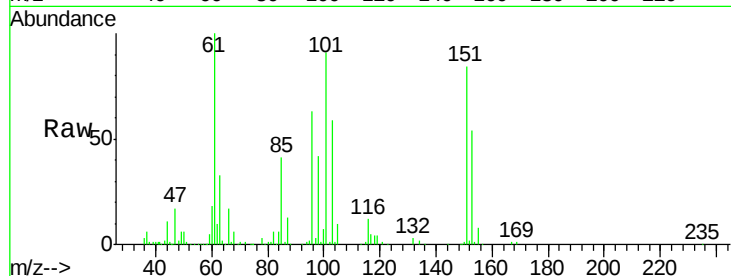
Tot Ion:101 Resp: 43632

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

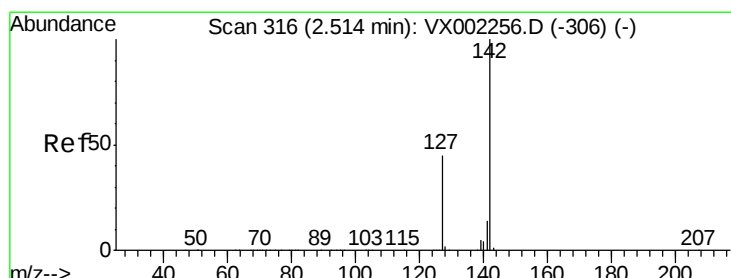
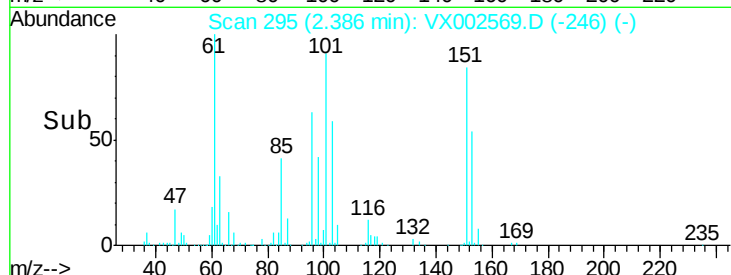
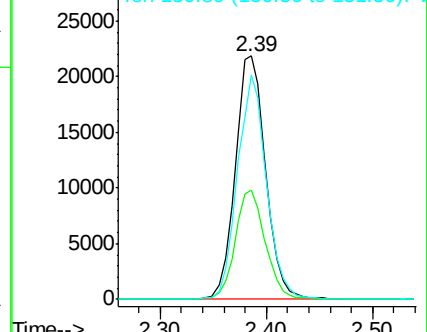
151 88.3 70.9 106.3



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: 14.31 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

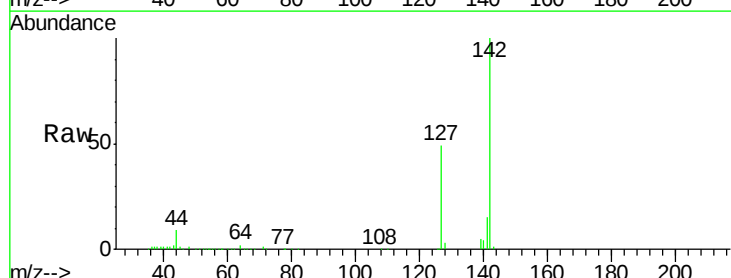
Tgt Ion:142 Resp: 53106

Ion Ratio Lower Upper

142 100

127 47.3 36.6 55.0

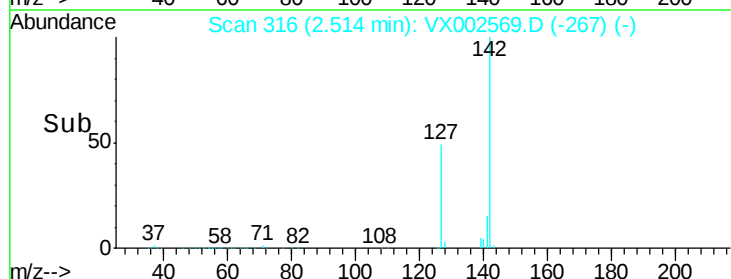
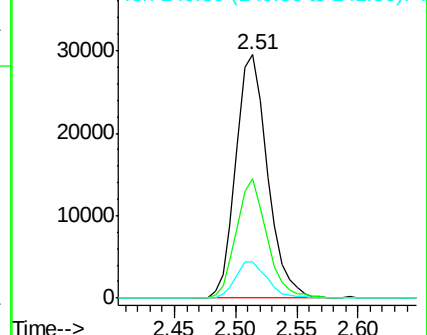
141 15.1 11.3 16.9

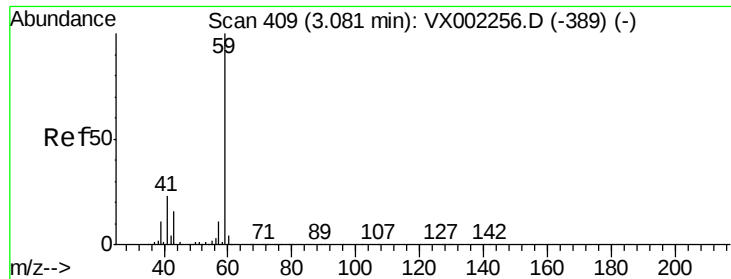


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



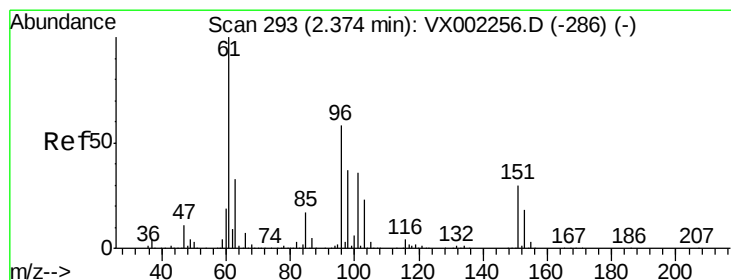
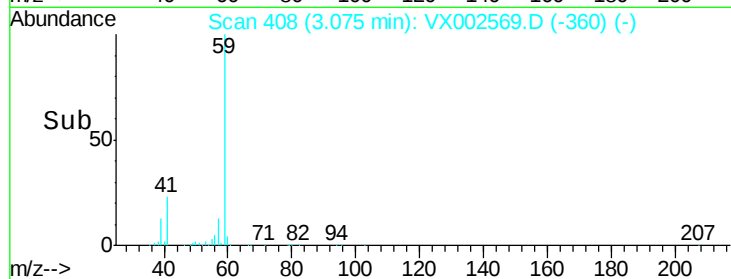
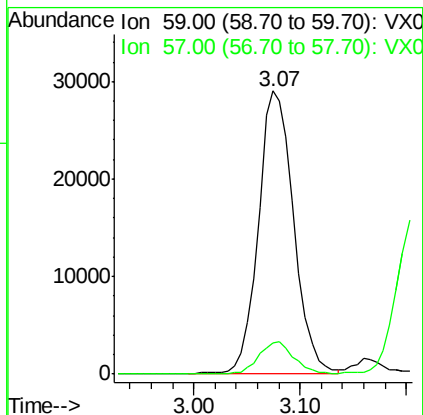
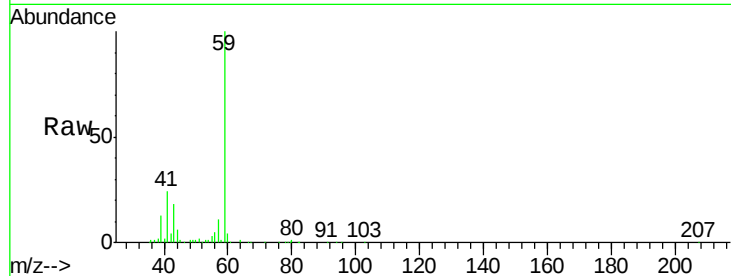


#11

Tert butyl alcohol
 Concen: 80.39 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :

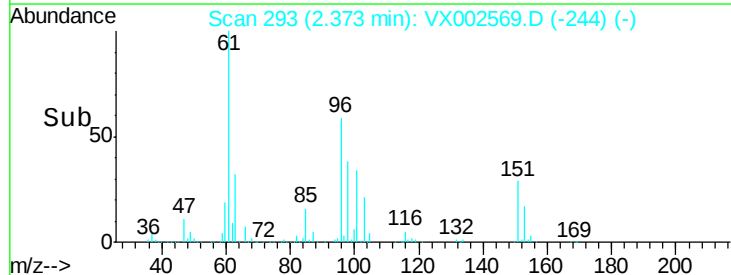
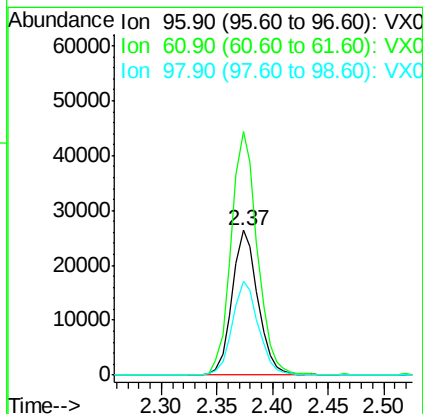
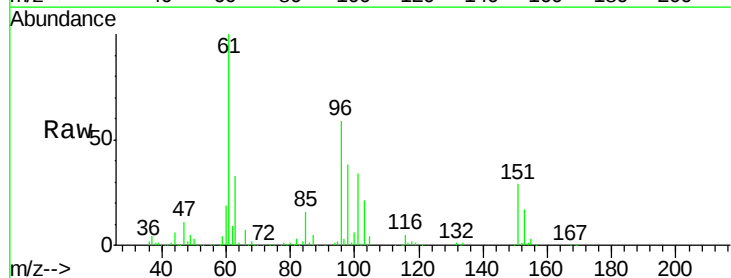
Tot Ion: 59 Resp: 67363
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.2 12.2

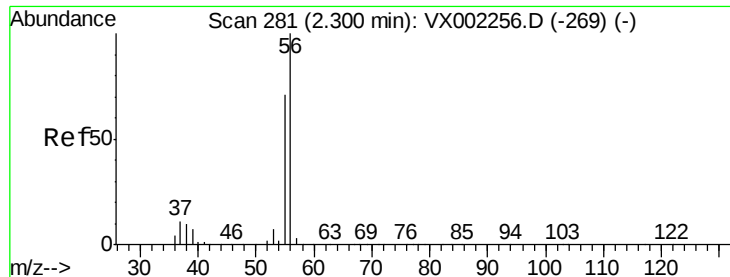


#12

1,1-Dichloroethene
 Concen: 16.32 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion: 96 Resp: 42572
 Ion Ratio Lower Upper
 96 100
 61 168.2 137.9 206.9
 98 64.7 51.6 77.4





#13

Acrolein

Concen: 26.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

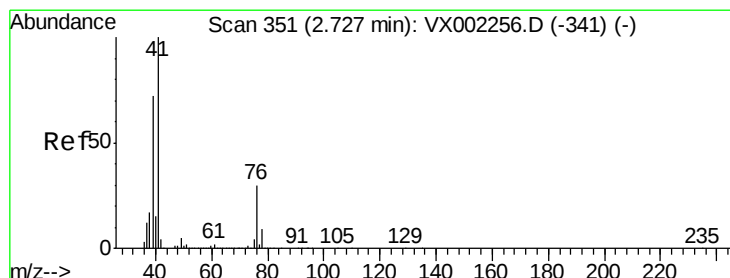
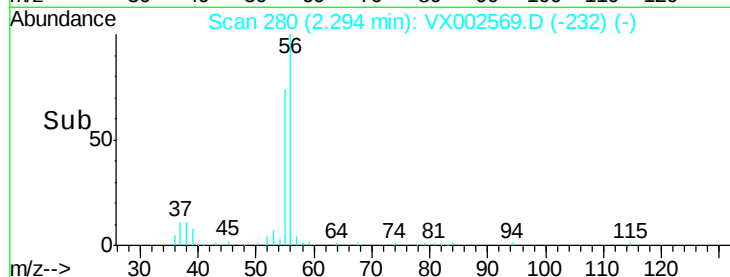
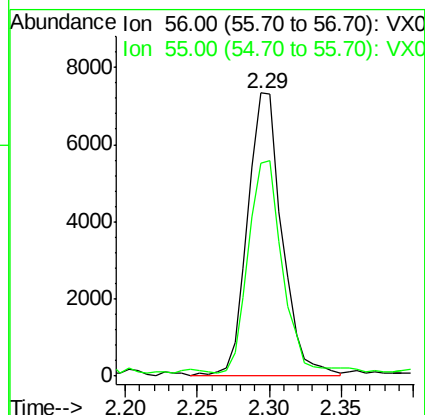
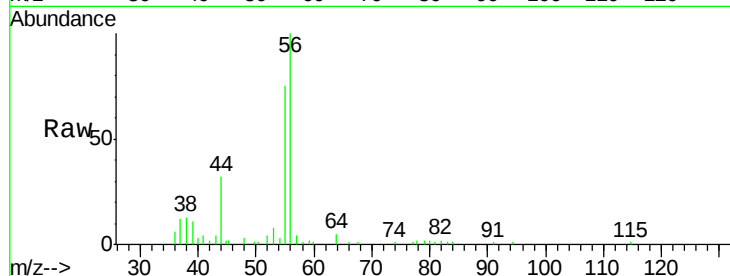
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 12187

Ion Ratio Lower Upper

56 100

55 73.3 57.0 85.4



#14

Allyl chloride

Concen: 15.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

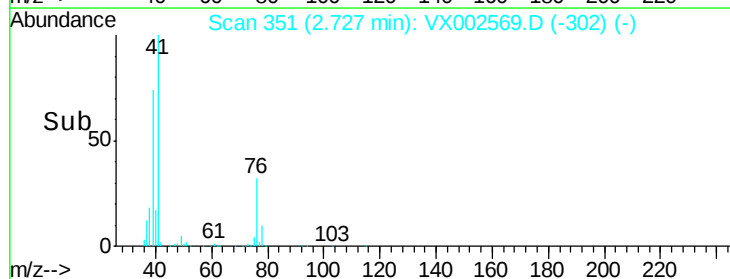
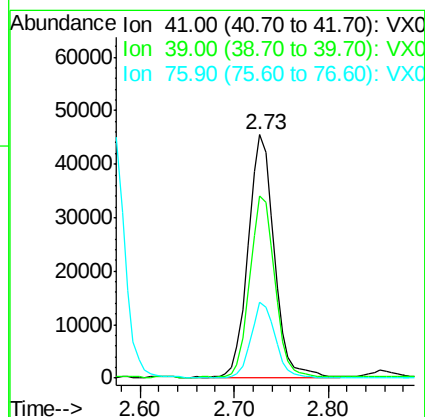
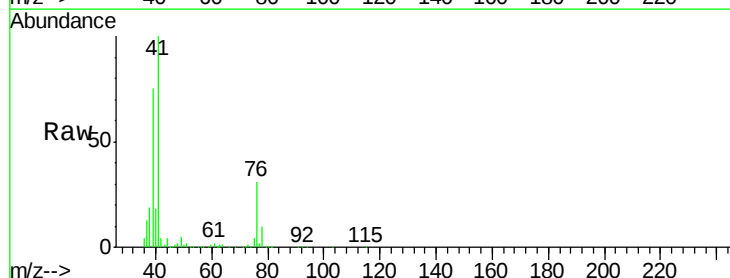
Tgt Ion: 41 Resp: 87406

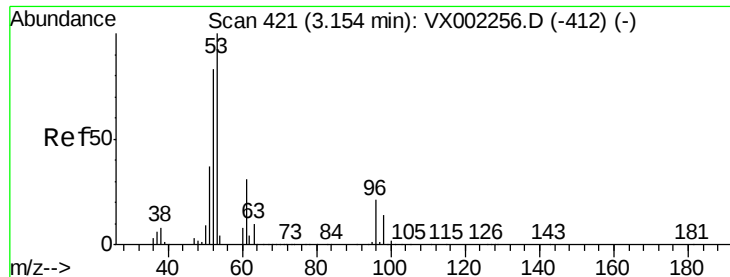
Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 28.8 23.8 35.8





#15

Acrylonitrile

Concen: 97.41 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

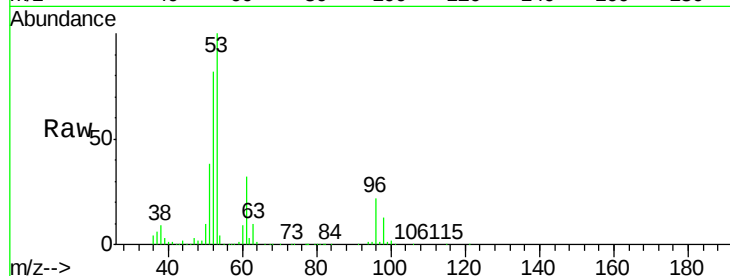
Tot Ion: 53 Resp: 154060

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

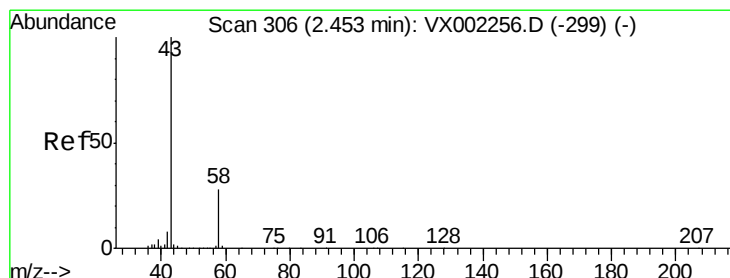
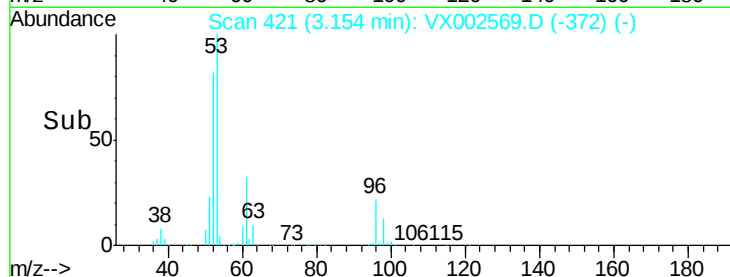
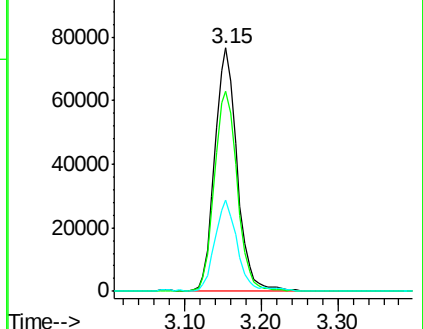
51 37.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX002256.D (-412) (-)

Ion 52.00 (51.70 to 52.70): VX002256.D (-412) (-)

Ion 51.00 (50.70 to 51.70): VX002256.D (-412) (-)



#16

Acetone

Concen: 82.96 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002569.D

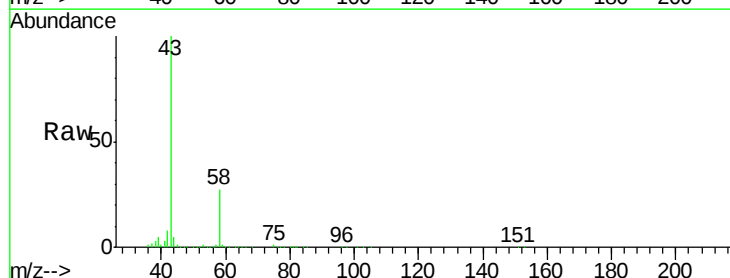
Acq: 14 Jun 2018 23:51

Tgt Ion: 43 Resp: 144294

Ion Ratio Lower Upper

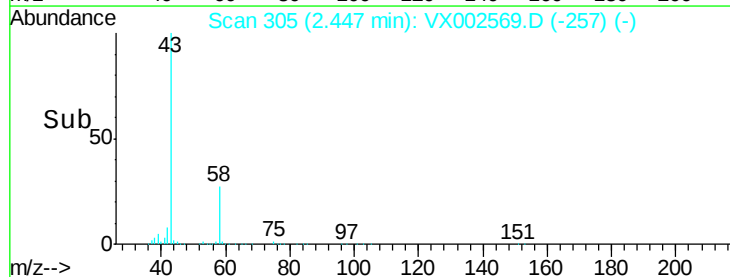
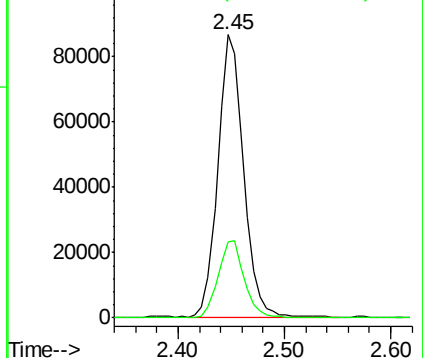
43 100

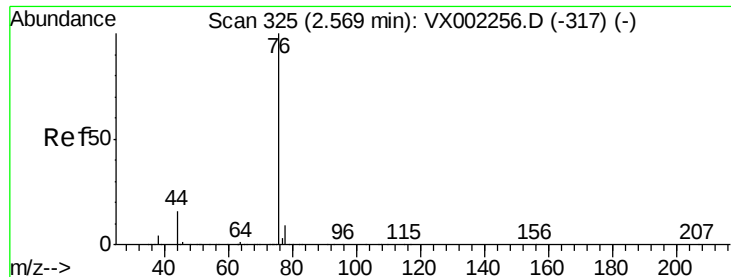
58 26.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-299) (-)

Ion 58.00 (57.70 to 58.70): VX002256.D (-299) (-)

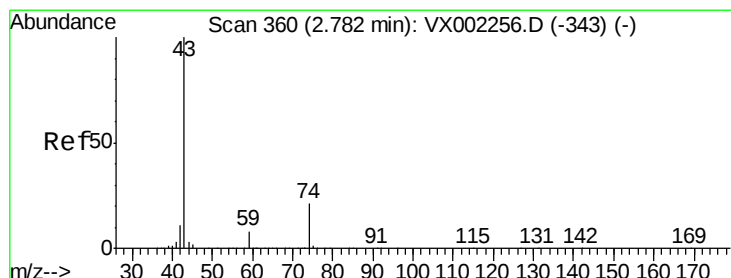
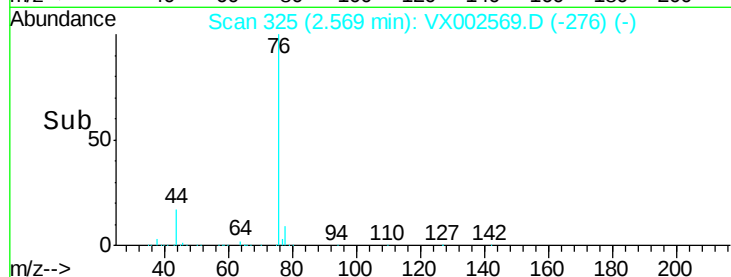
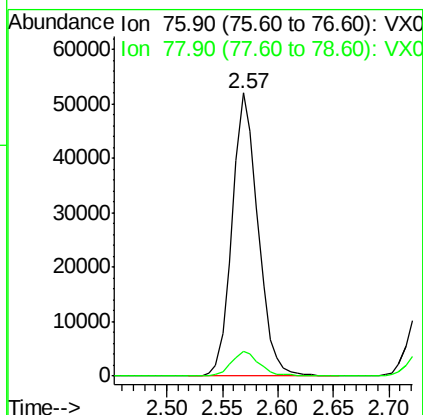
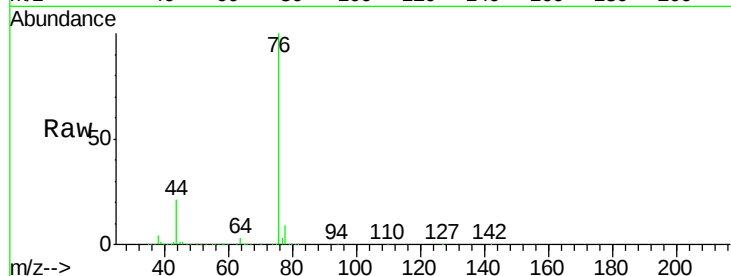




#17
Carbon Disulfide
Concen: 12.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

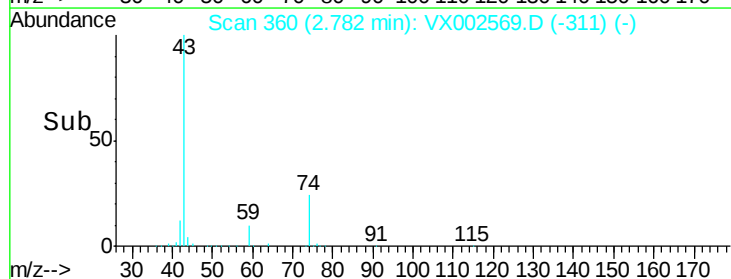
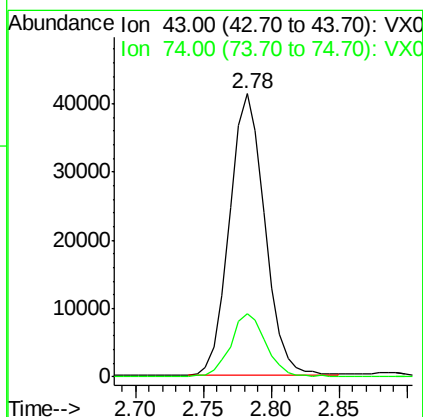
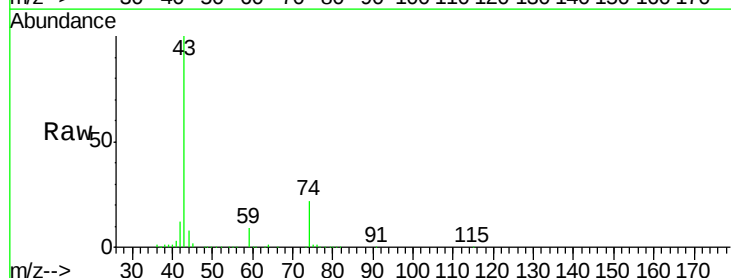
Instrument :
MSVOA_X
ClientSampleId :

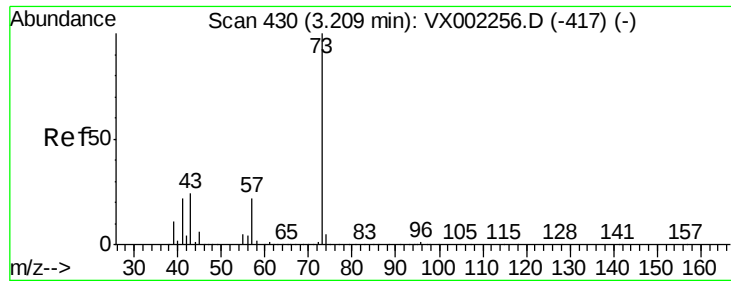
Tot Ion: 76 Resp: 84099
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 19.50 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 43 Resp: 74205
Ion Ratio Lower Upper
43 100
74 23.1 16.7 25.1

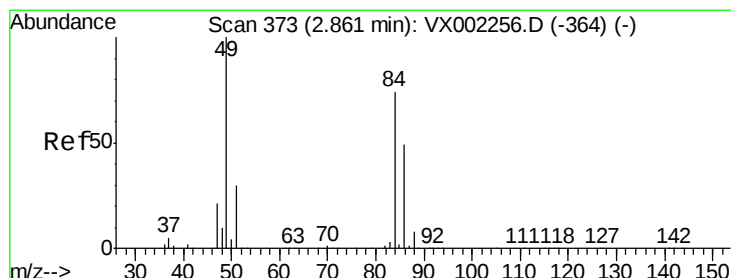
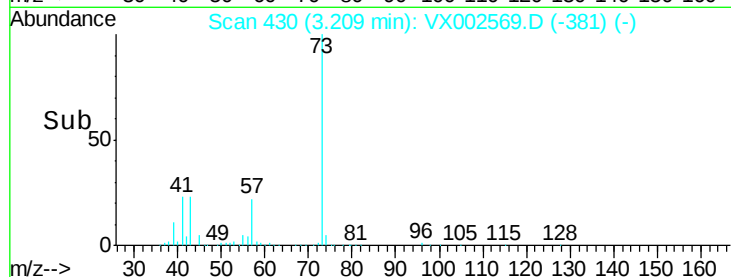
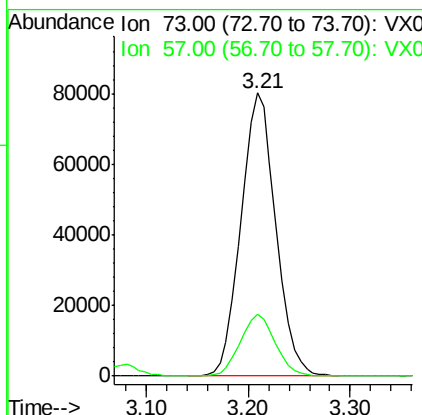
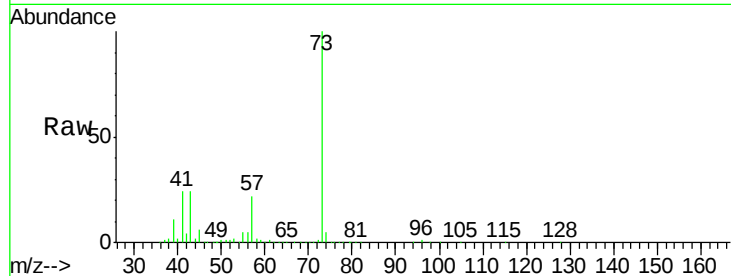




#19
Methvl tert-butvl Ether
Concen: 19.43 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

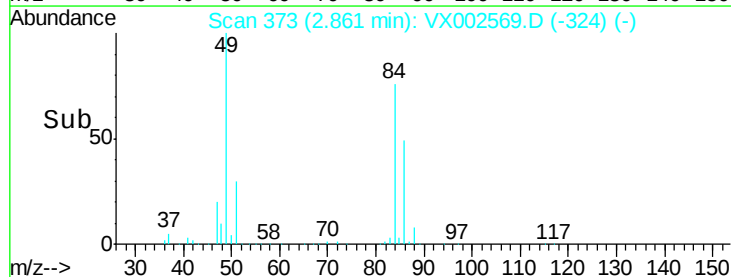
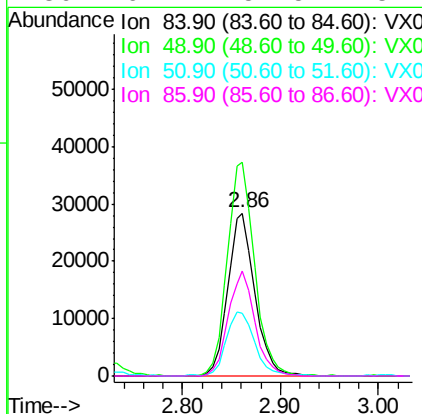
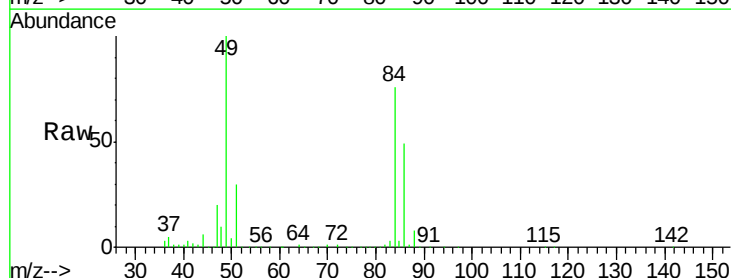
Instrument :
MSVOA_X
ClientSampleId :

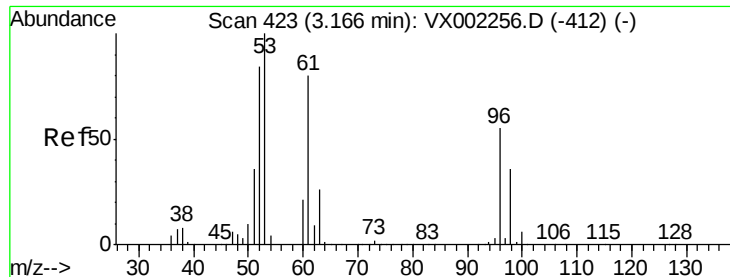
Tot Ion: 73 Resp: 189757
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 17.69 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 84 Resp: 53958
Ion Ratio Lower Upper
84 100
49 131.0 107.8 161.6
51 38.7 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

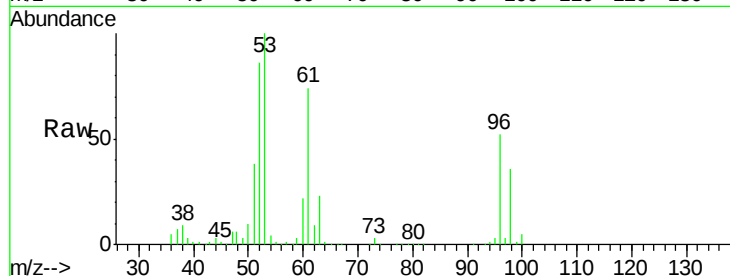
Tot Ion: 96 Resp: 47479

Ion Ratio Lower Upper

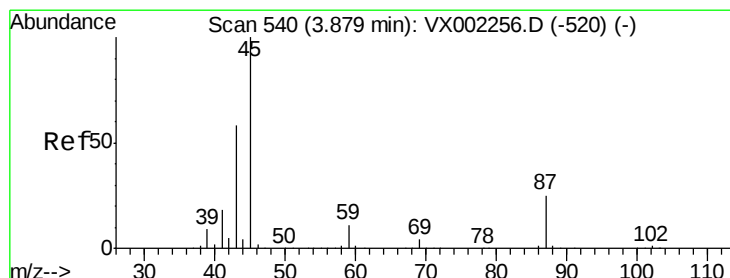
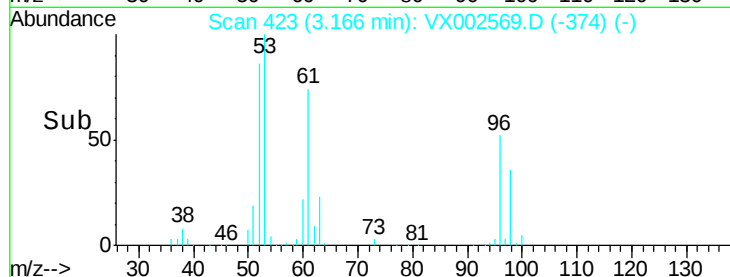
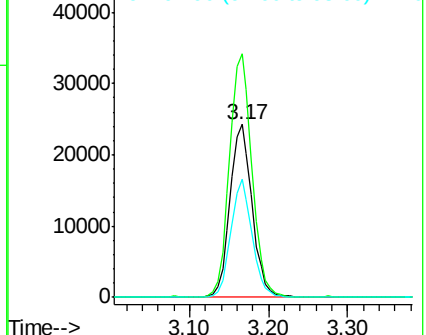
96 100

61 140.6 117.0 175.4

98 68.1 52.4 78.6



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



#22

Diisopropyl ether

Concen: 16.99 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion: 45 Resp: 169970

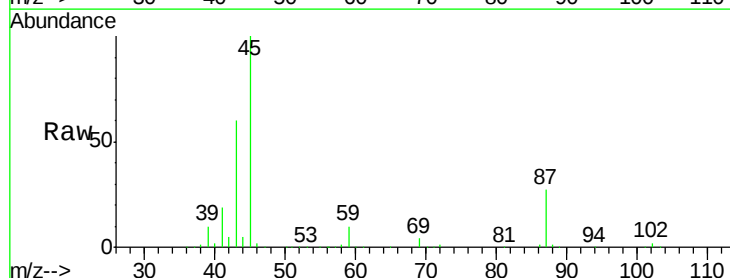
Ion Ratio Lower Upper

45 100

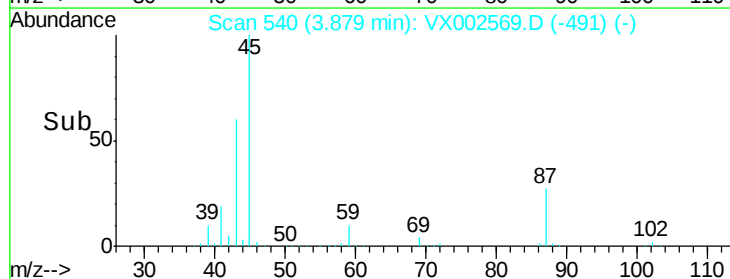
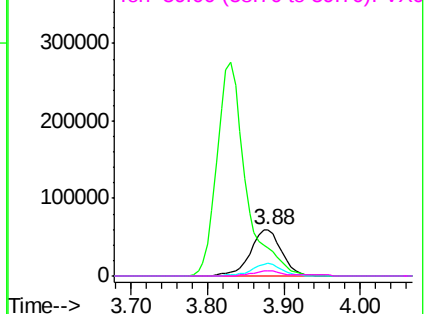
43 59.5 46.8 70.2

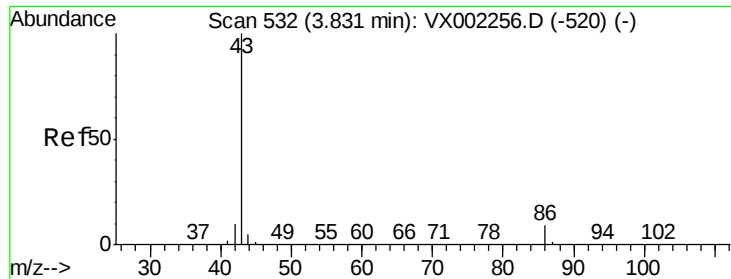
87 26.6 20.2 30.4

59 10.2 8.7 13.1



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





#23

Vinyl Acetate

Concen: 78.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

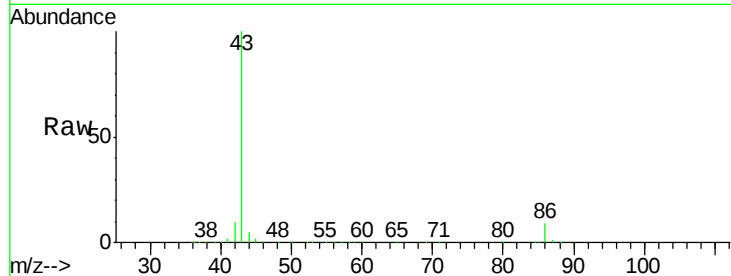
ClientSampled :

Tot Ion: 43 Resp: 723730

Ion Ratio Lower Upper

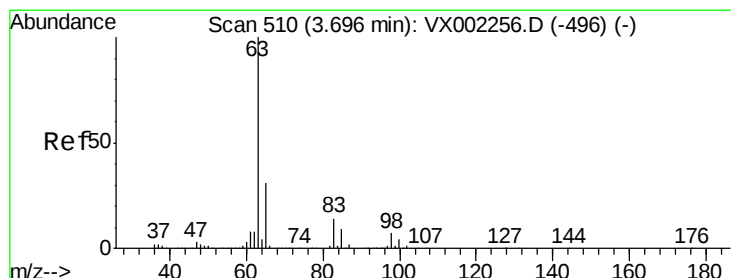
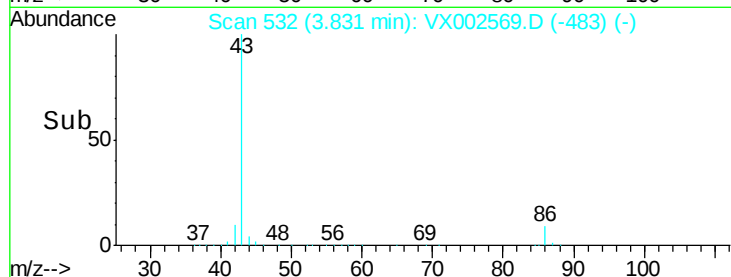
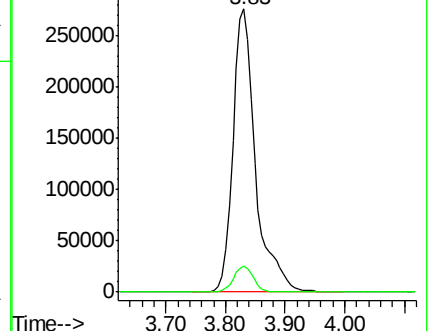
43 100

86 9.4 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: 15.35 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

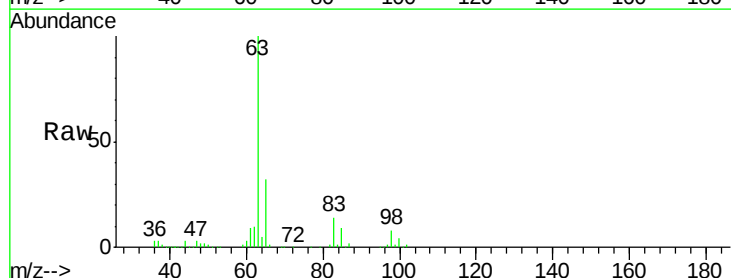
Tgt Ion: 63 Resp: 85859

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

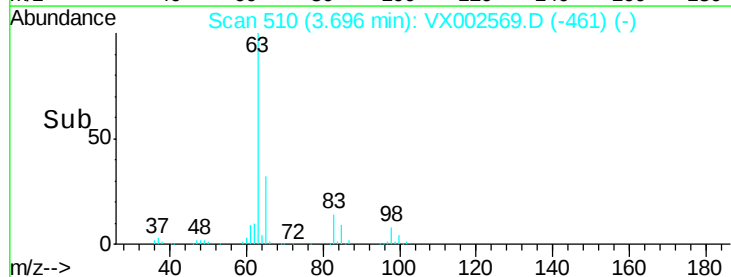
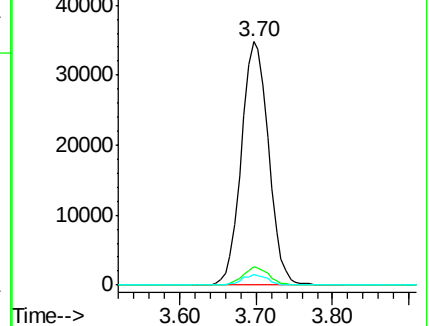
100 4.3 2.0 6.0

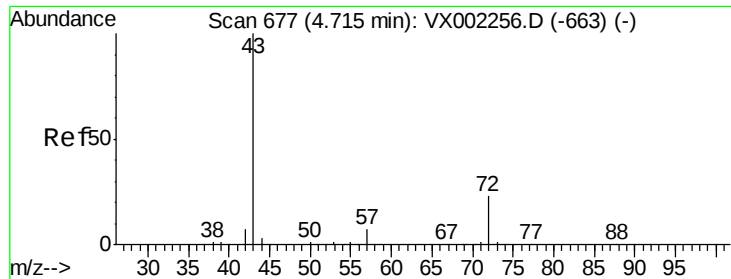


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.27 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

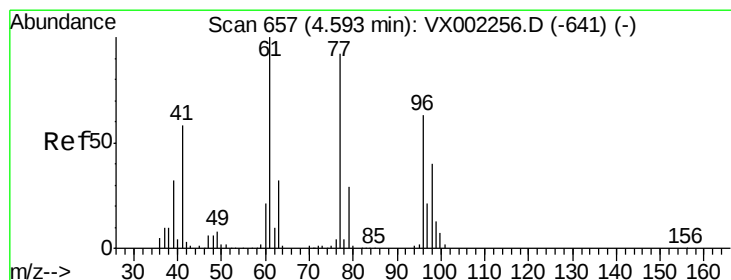
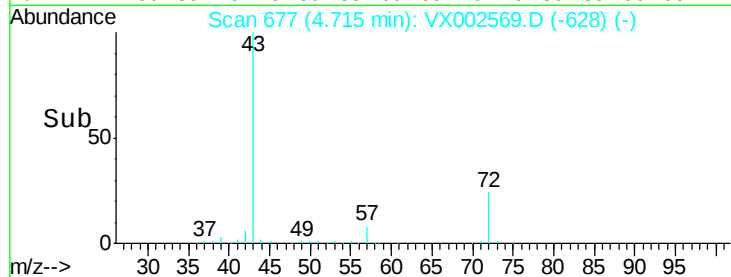
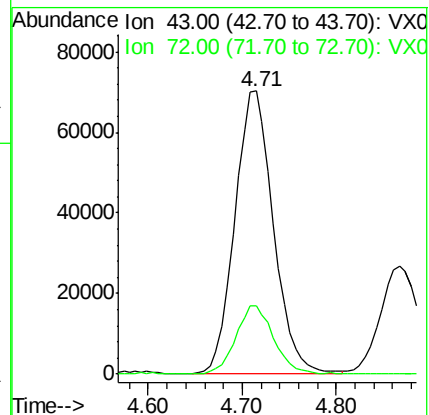
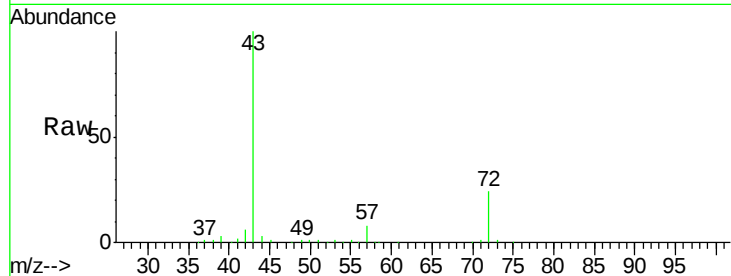
ClientSampled :

Tot Ion: 43 Resp: 200021

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7



#26

2,2-Dichloropropane

Concen: 11.43 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002569.D

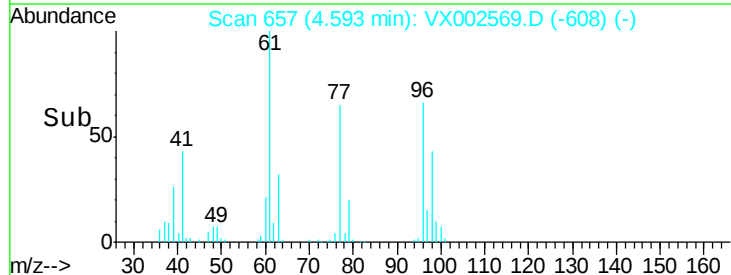
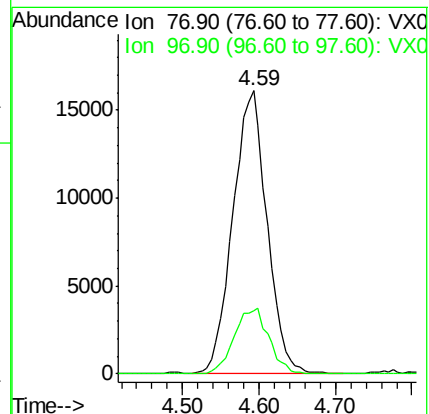
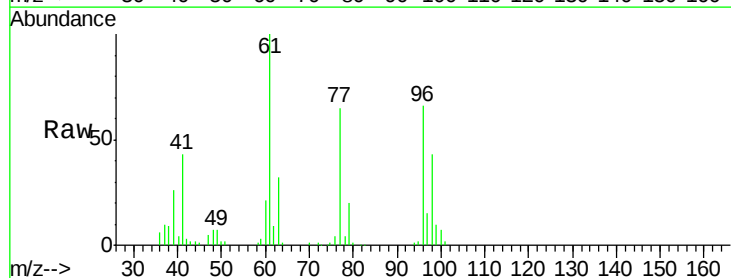
Acq: 14 Jun 2018 23:51

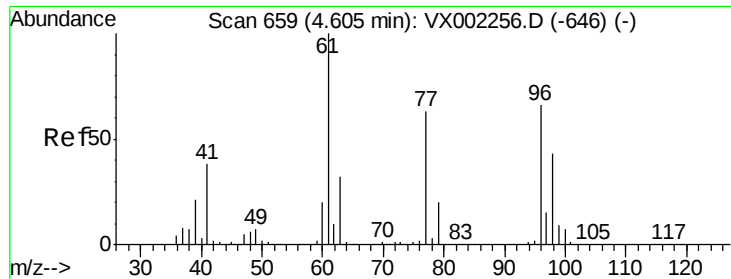
Tgt Ion: 77 Resp: 49973

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5



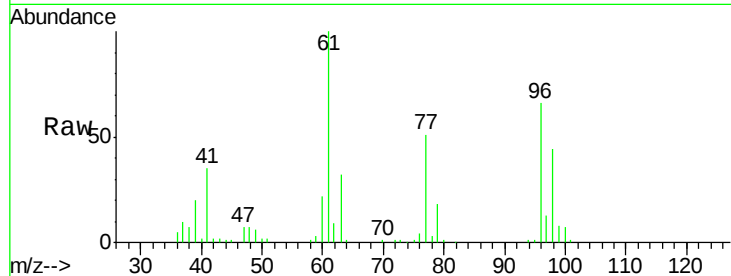


#27

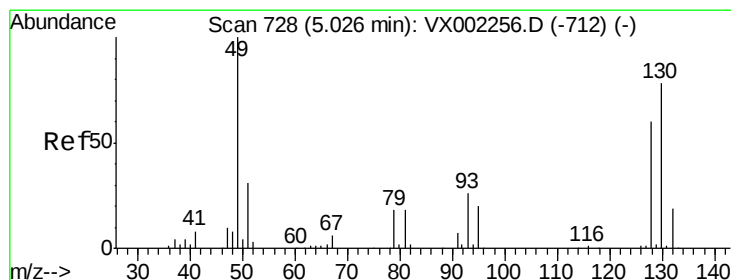
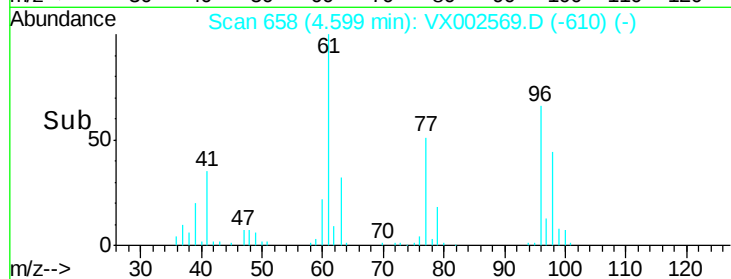
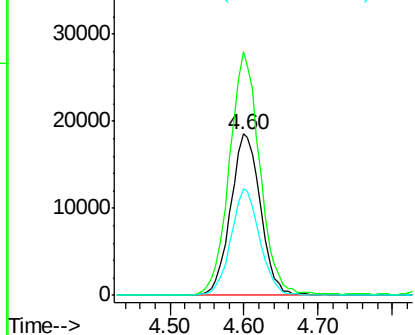
cis-1,2-Dichloroethene
Concen: 16.69 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 52192
Ion Ratio Lower Upper
96 100
61 153.8 0.0 330.2
98 63.6 0.0 130.2



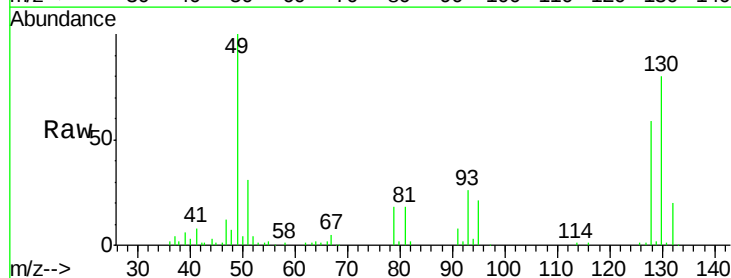
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



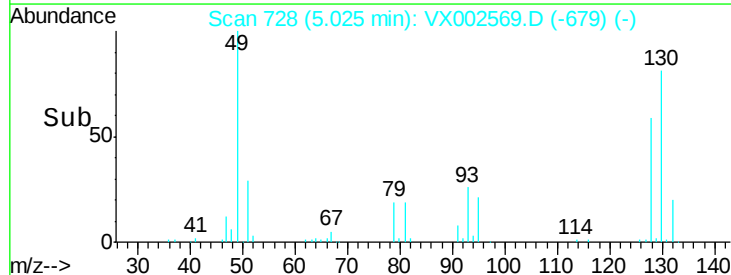
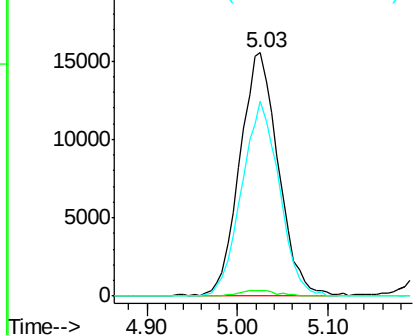
#28

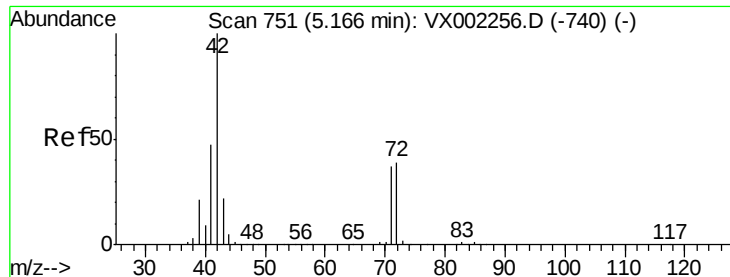
Bromochloromethane
Concen: 16.97 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 49 Resp: 45972
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 77.9 61.2 91.8



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

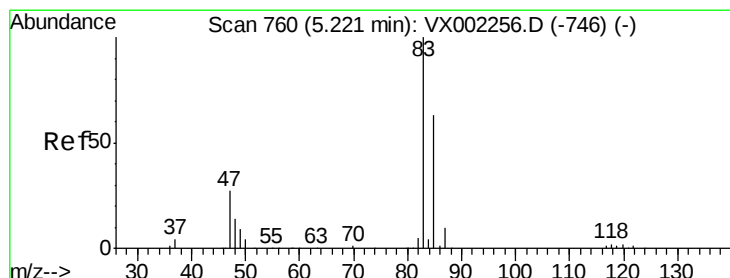
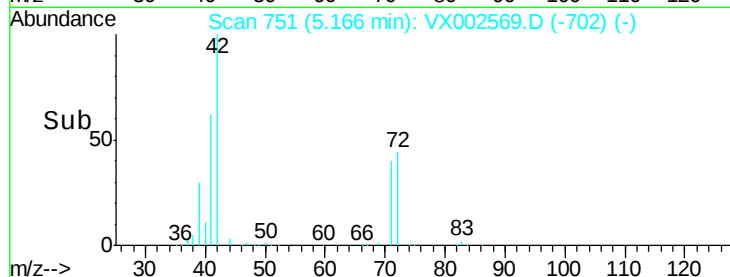
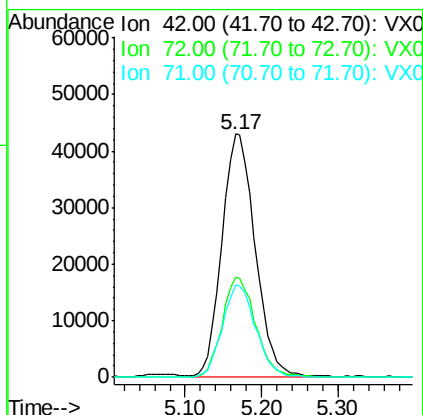
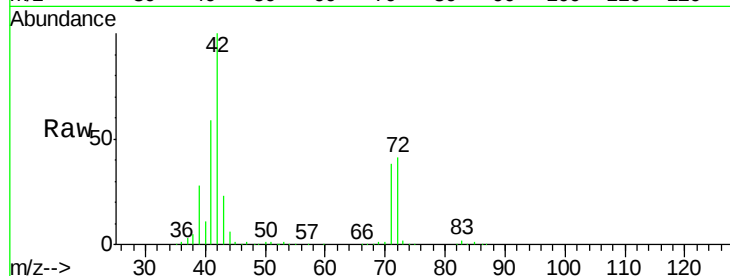




#29
Tetrahydrofuran
Concen: 83.39 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

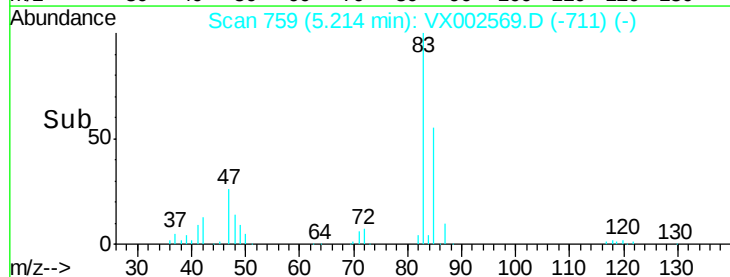
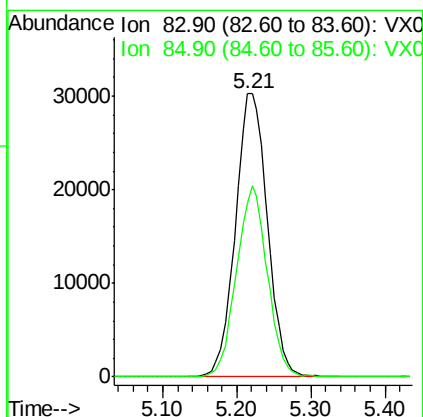
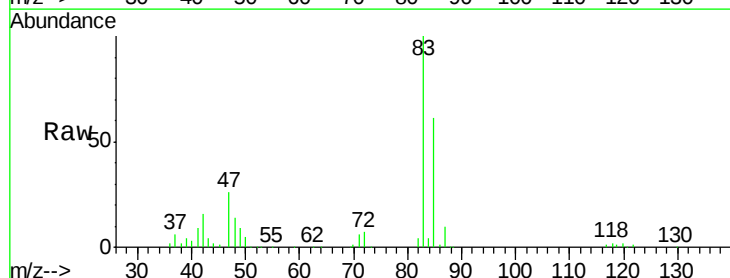
Instrument :
MSVOA_X
ClientSampled :

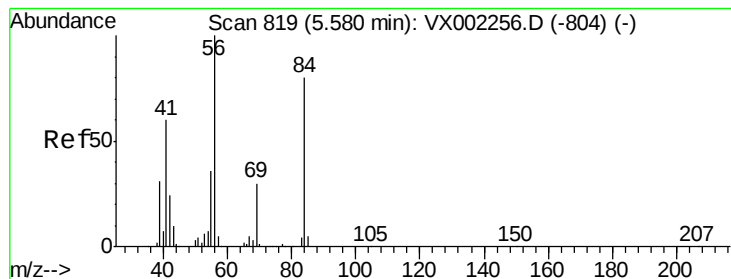
Tot Ion: 42 Resp: 129157
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 38.4 30.1 45.1



#30
Chloroform
Concen: 16.91 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 83 Resp: 91266
Ion Ratio Lower Upper
83 100
85 61.2 50.4 75.6





#31

Cyclohexane

Concen: 13.50 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :

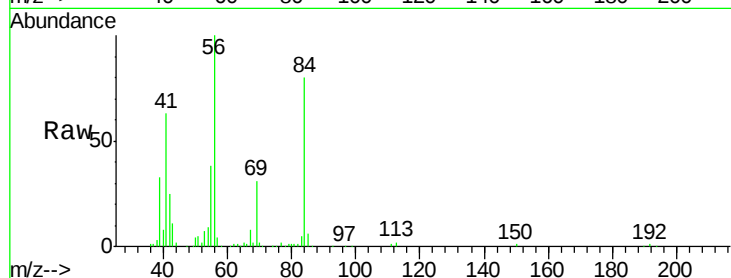
Tot Ion: 56 Resp: 59718

Ion Ratio Lower Upper

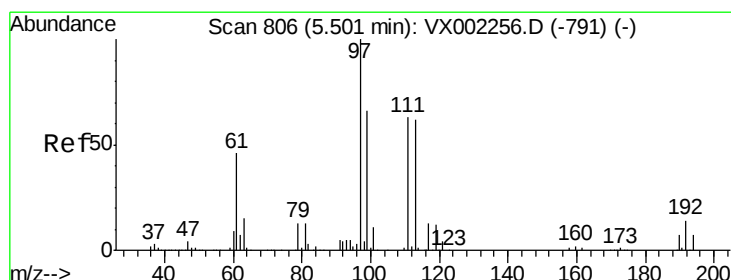
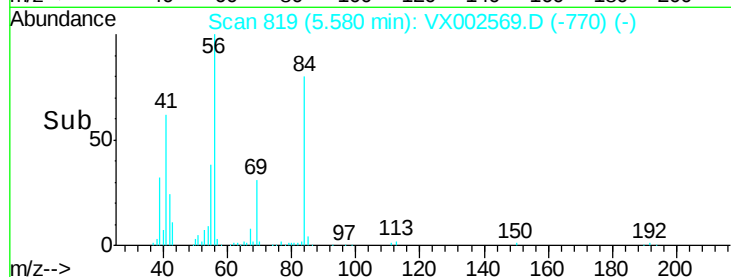
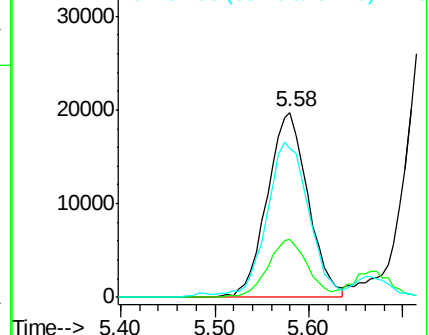
56 100

69 30.6 23.7 35.5

84 79.3 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: 15.95 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

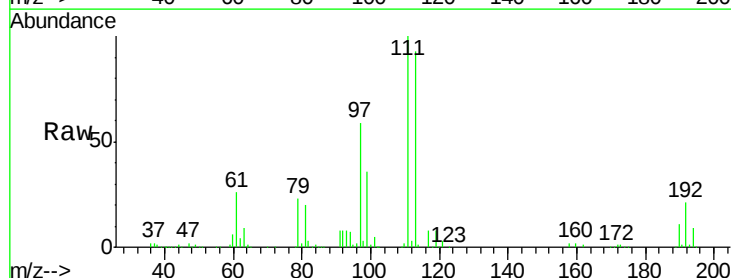
Tgt Ion: 97 Resp: 73003

Ion Ratio Lower Upper

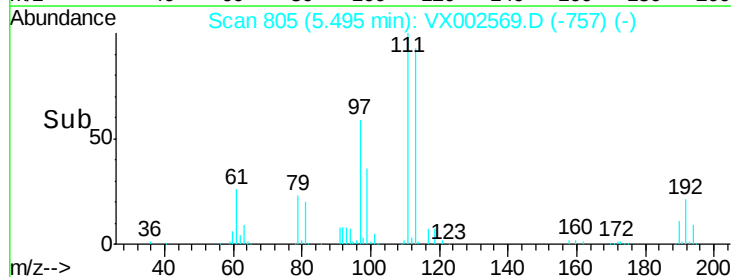
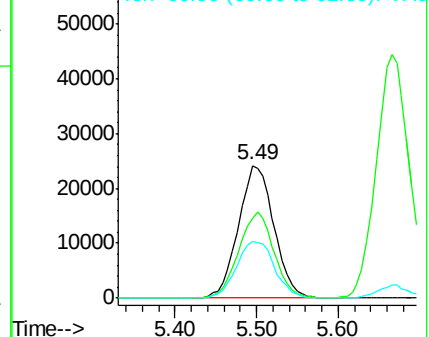
97 100

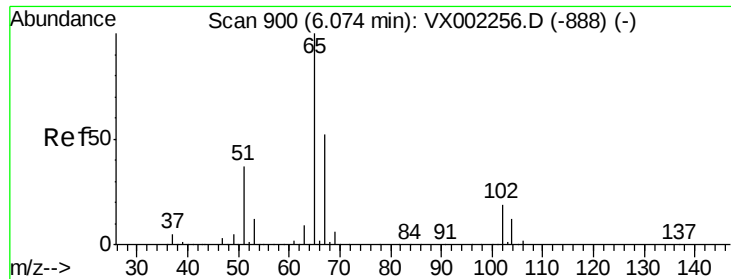
99 64.3 51.6 77.4

61 45.9 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

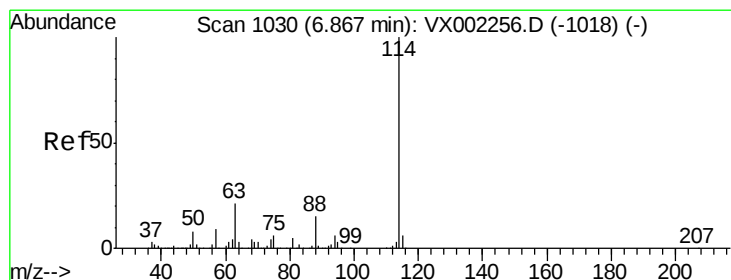
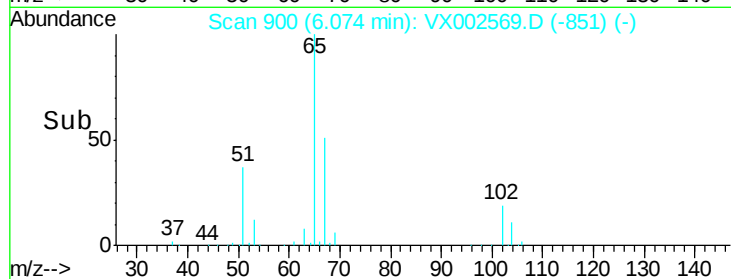
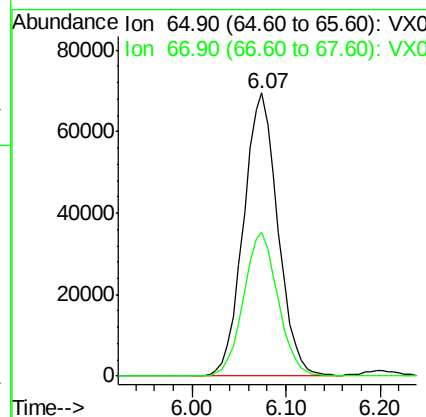
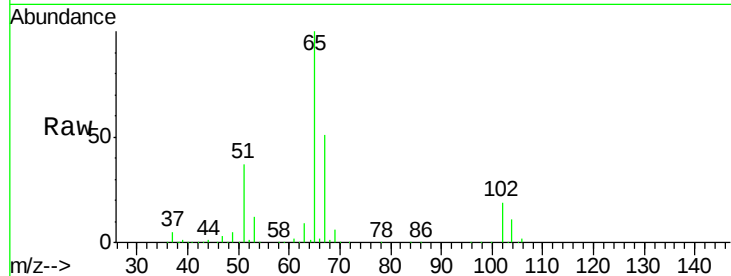




#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

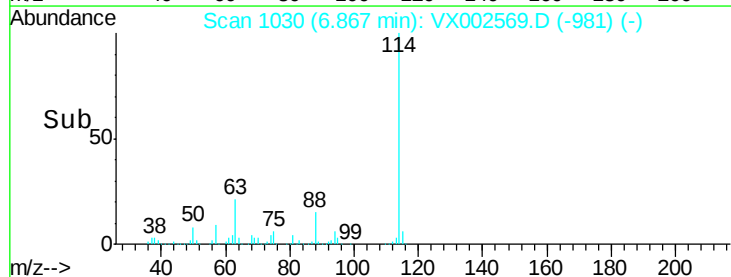
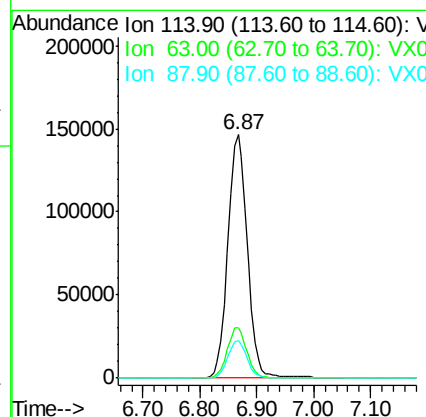
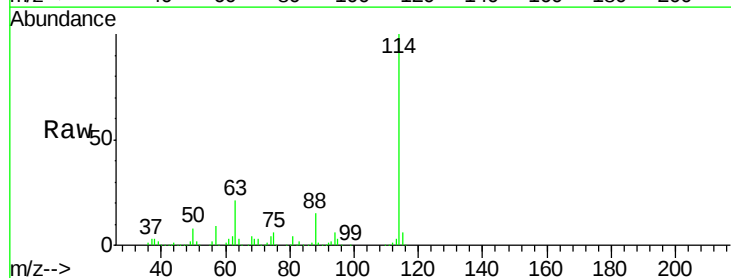
Instrument :
 MSVOA_X
 ClientSampleId :

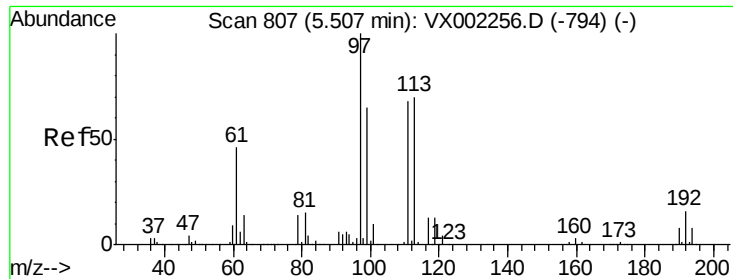
Tot Ion: 65 Resp: 177280
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion: 114 Resp: 349677
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.3 0.0 30.0

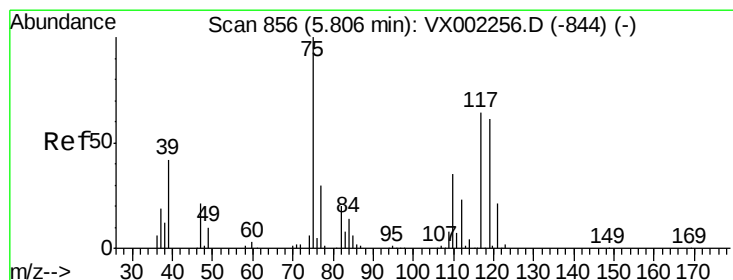
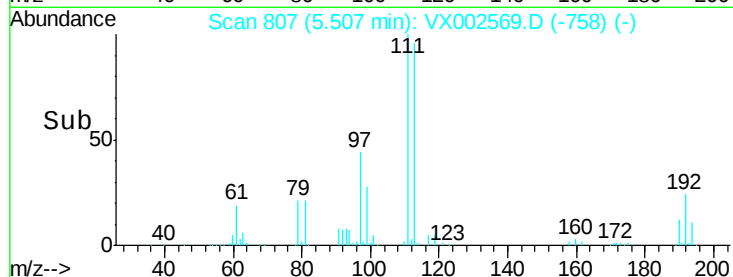
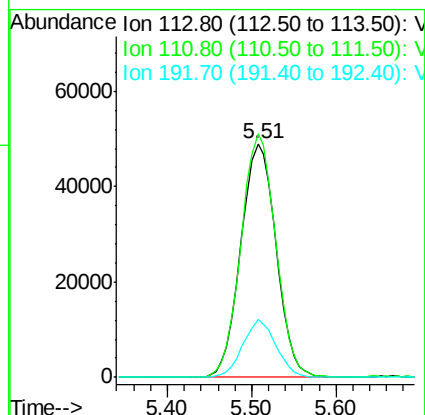
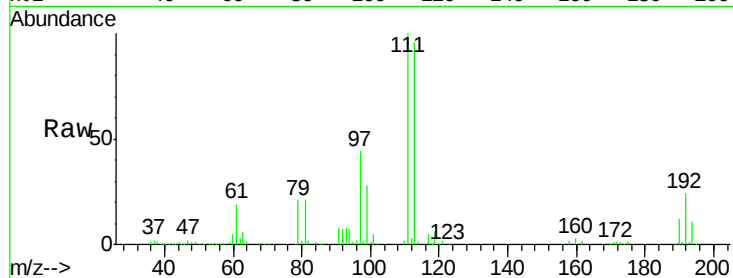




#35
Dibromofluoromethane
Concen: 50.63 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

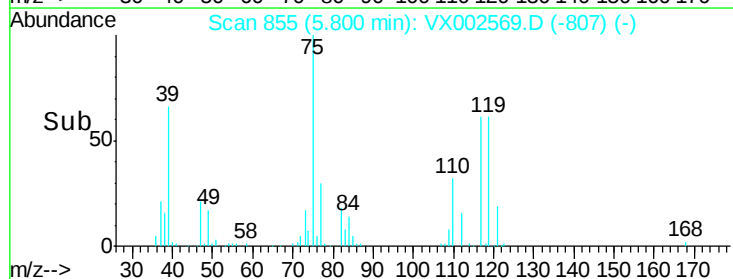
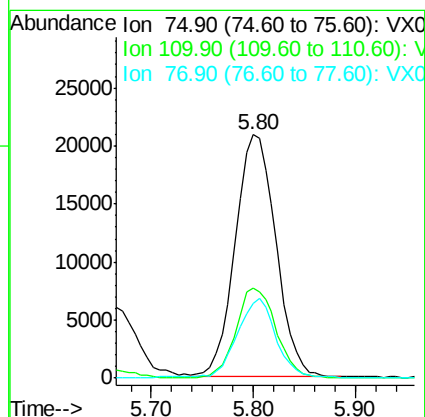
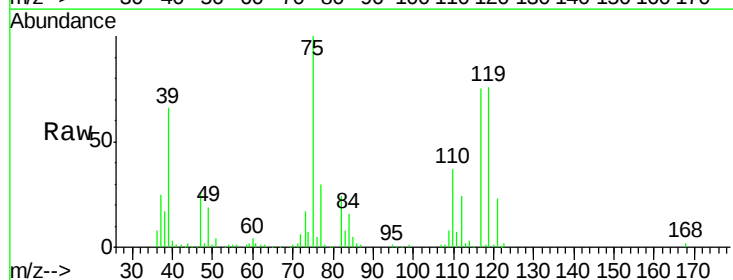
Instrument :
MSVOA_X
ClientSampleId :

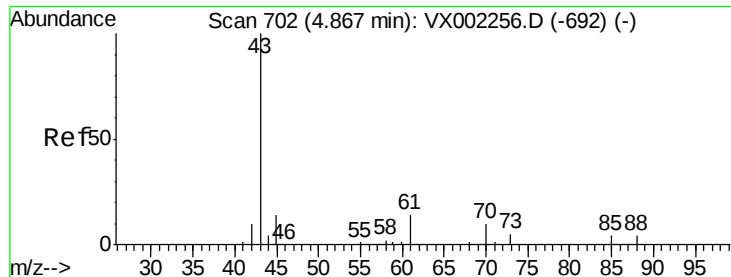
Tot Ion:113 Resp: 139233
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 23.3 19.1 28.7



#36
1,1-Dichloropropene
Concen: 15.73 ug/l
RT: 5.80 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 75 Resp: 57815
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.4
77 32.2 24.3 36.5





#37

Ethyl Acetate

Concen: 17.82 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

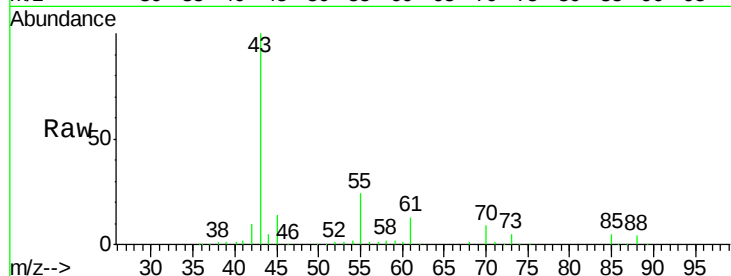
Tot Ion: 43 Resp: 78792

Ion Ratio Lower Upper

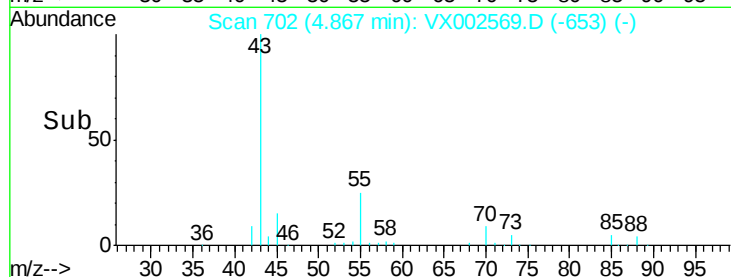
43 100

61 12.7 10.4 15.6

70 9.6 7.6 11.4



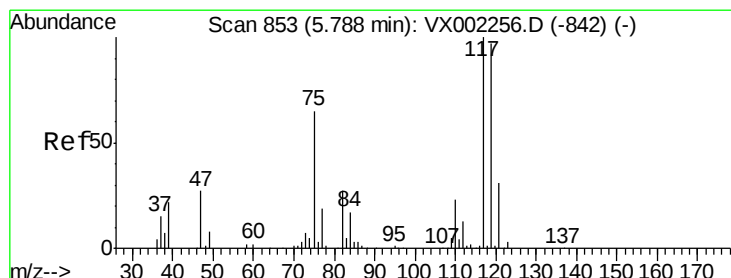
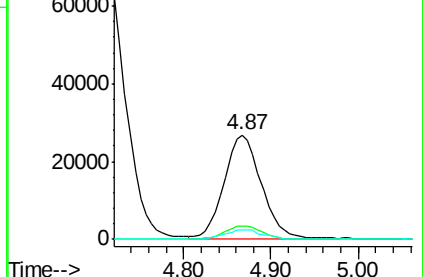
Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)



Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 15.61 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

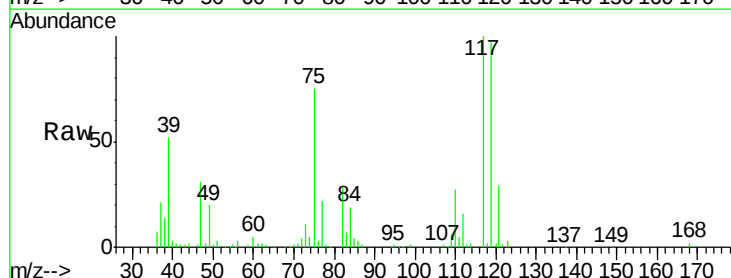
Tgt Ion: 117 Resp: 60015

Ion Ratio Lower Upper

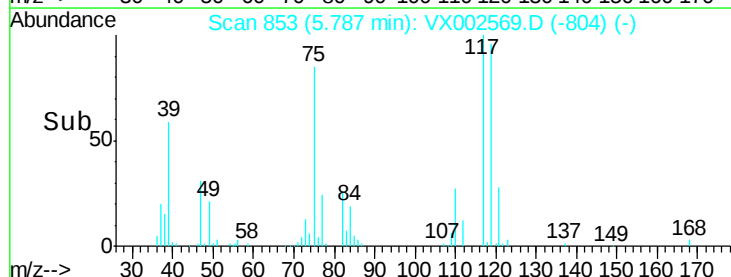
117 100

119 96.5 77.4 116.0

121 28.8 24.4 36.6



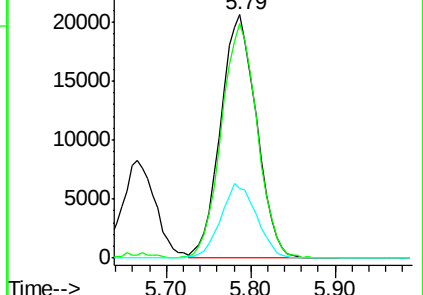
Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

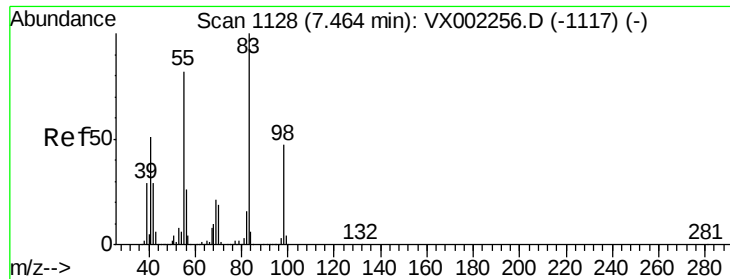


Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

Time-->

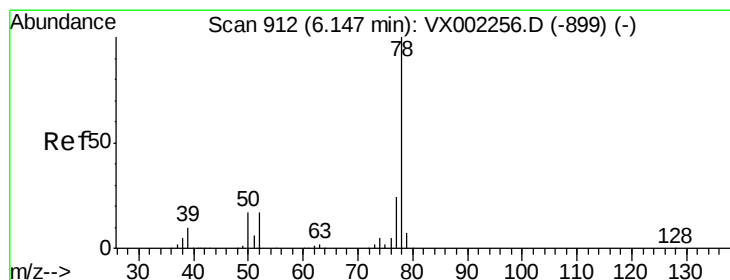
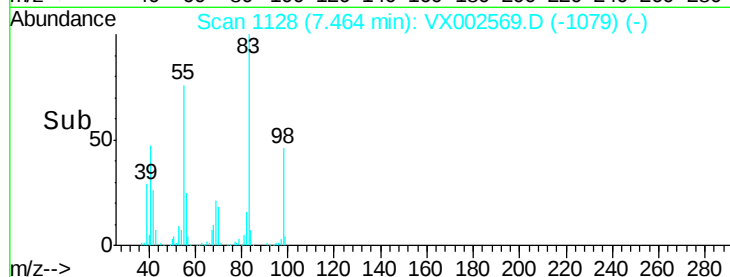
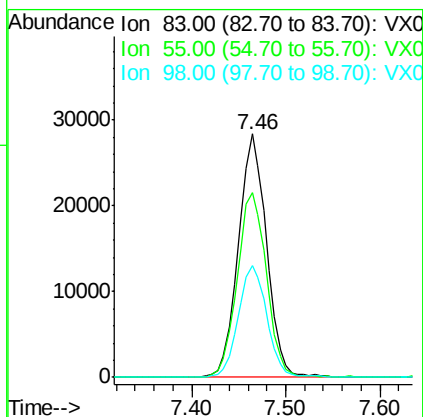
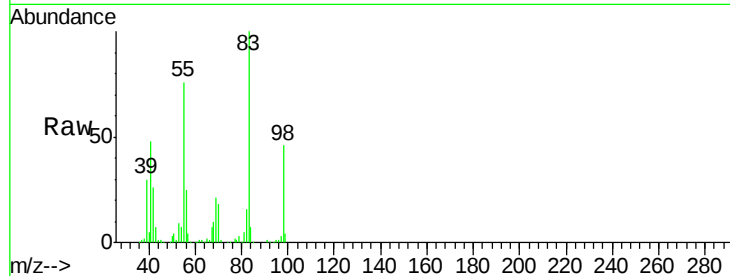




#39
Methvlcvclohexane
Concen: 13.26 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

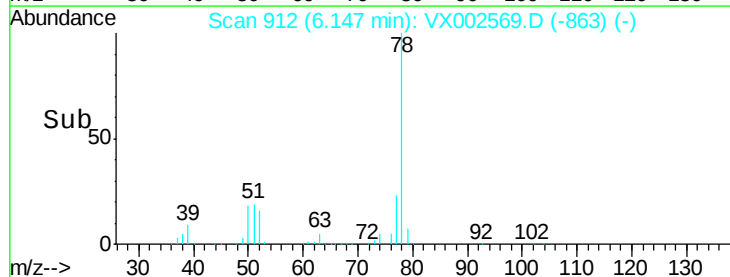
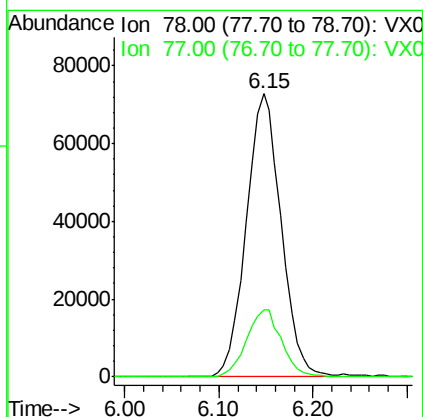
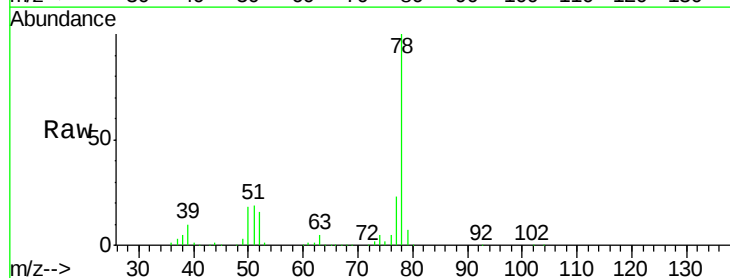
Instrument :
MSVOA_X
ClientSampleId :

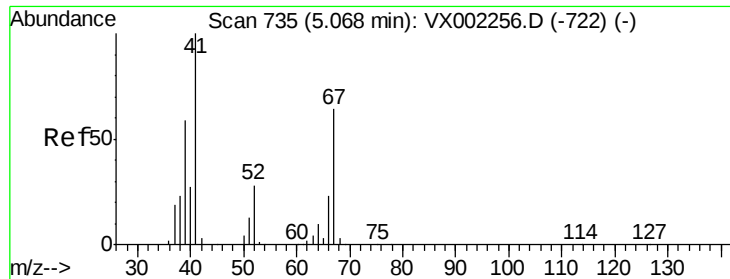
Tot Ion: 83 Resp: 59343
Ion Ratio Lower Upper
83 100
55 75.9 65.4 98.0
98 45.7 37.4 56.0



#40
Benzene
Concen: 16.76 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 78 Resp: 188914
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

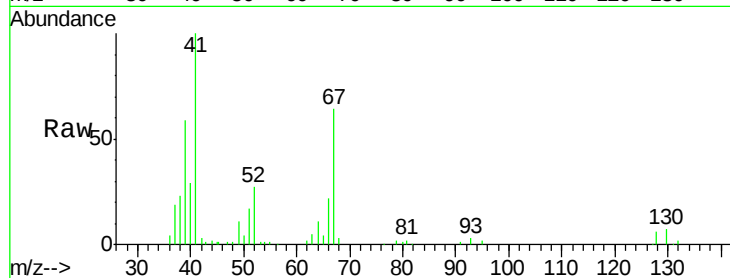




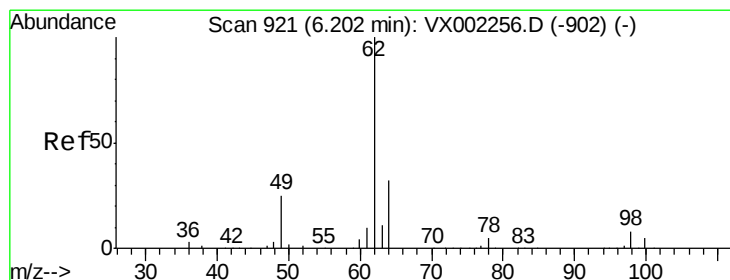
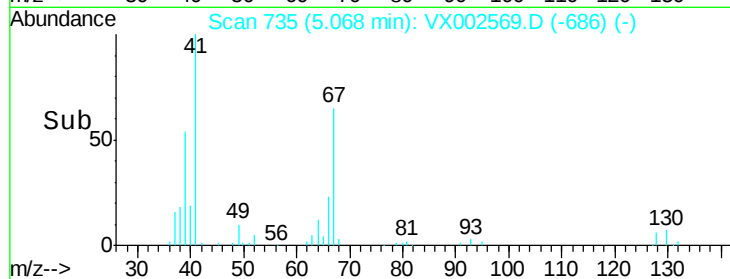
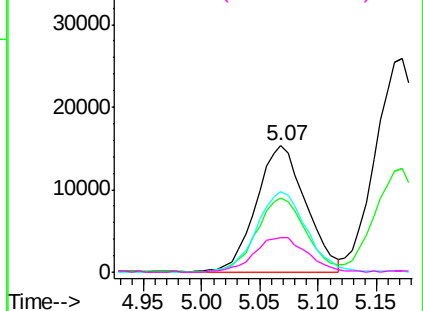
#41
Methacrylonitrile
Concen: 17.86 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	45189
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.8	68.6
67	64.6	51.3	76.9
52	28.9	23.0	34.6

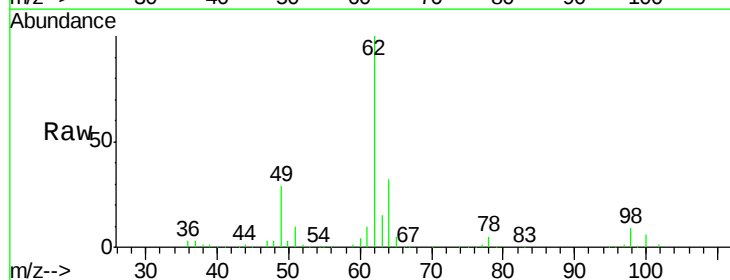


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

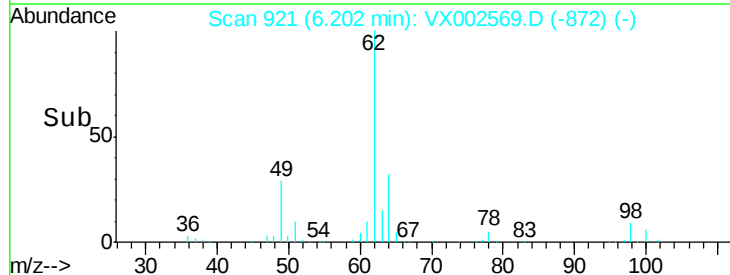
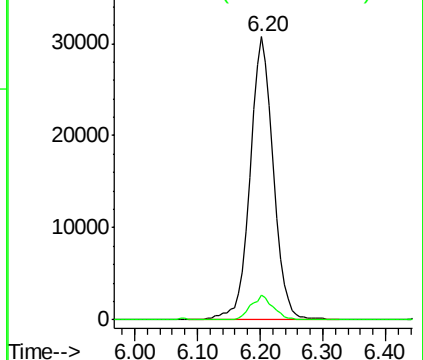


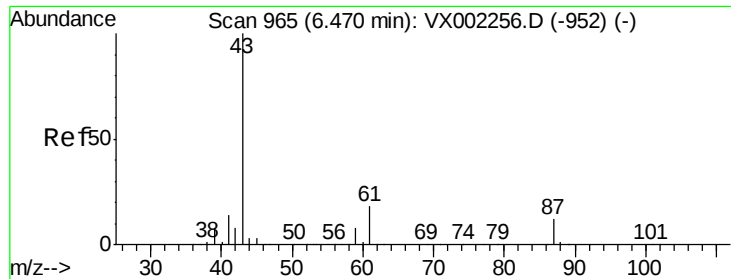
#42
1,2-Dichloroethane
Concen: 17.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion:	62	Resp:	78749
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



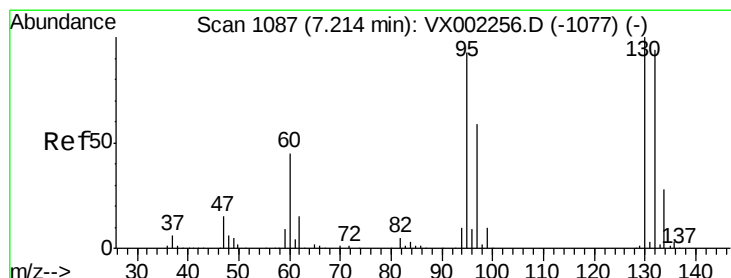
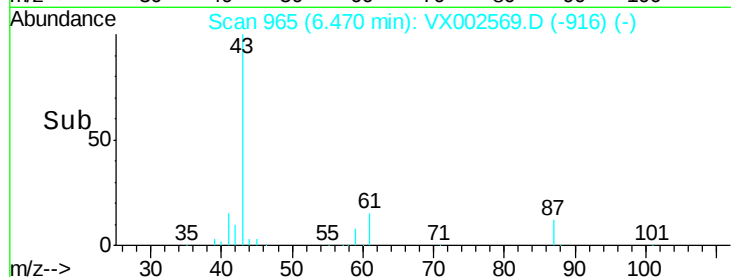
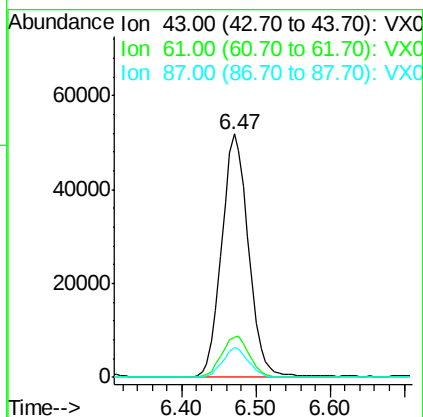
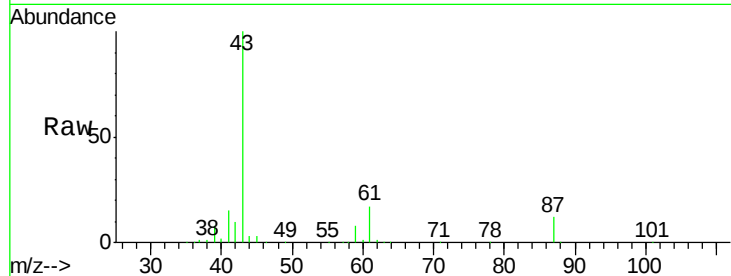


#43

Isopropyl Acetate
 Concen: 17.28 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :

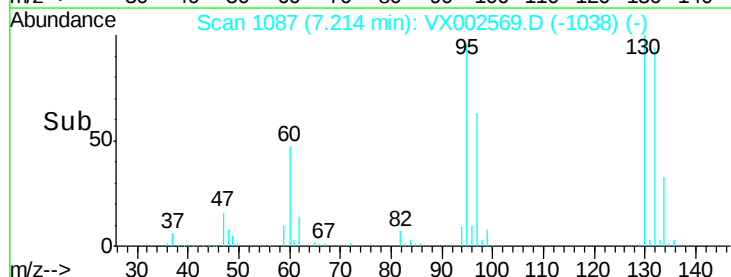
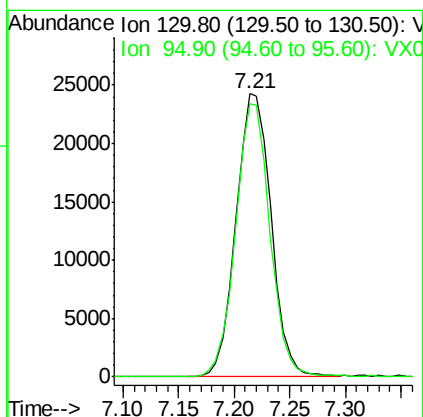
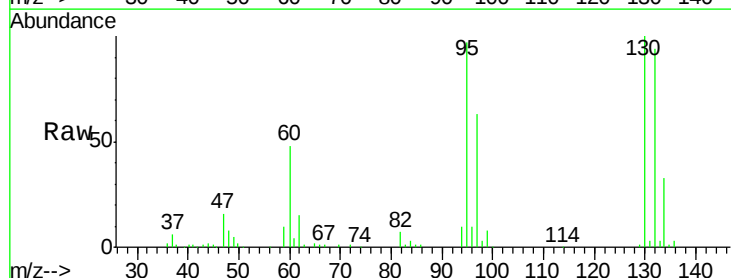
Tot Ion: 43 Resp: 129746
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.4 21.6
 87 11.9 9.5 14.3

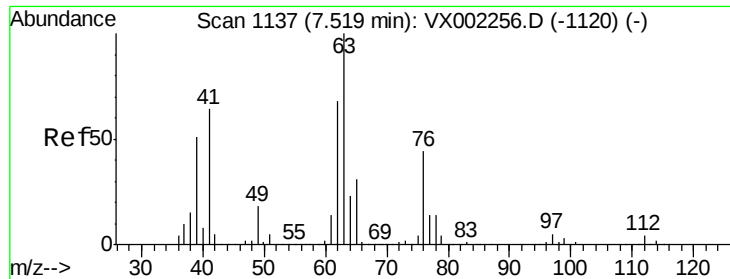


#44

Trichloroethene
 Concen: 16.98 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion:130 Resp: 53124
 Ion Ratio Lower Upper
 130 100
 95 96.6 0.0 185.4

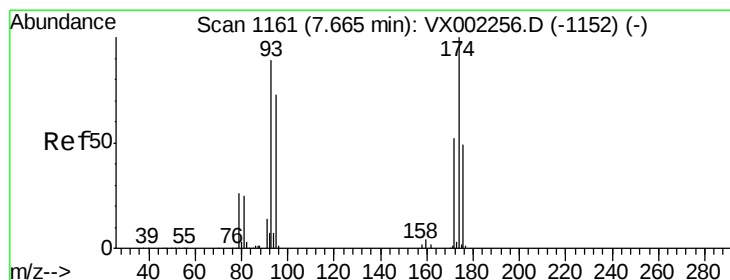
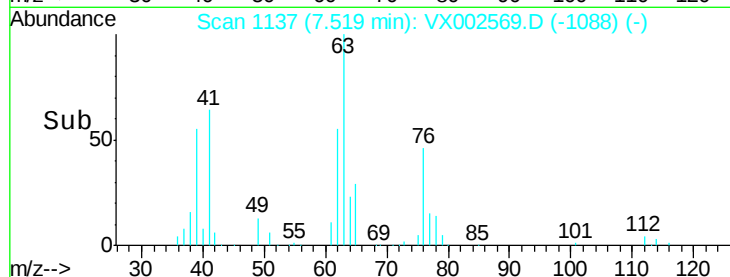
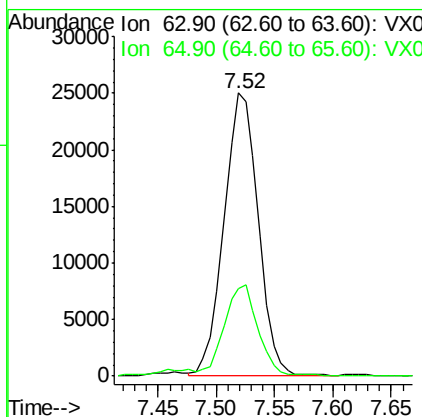
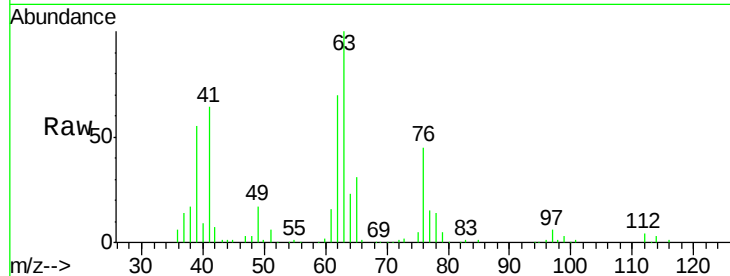




#45
 1,2-Dichloropropane
 Concen: 16.77 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

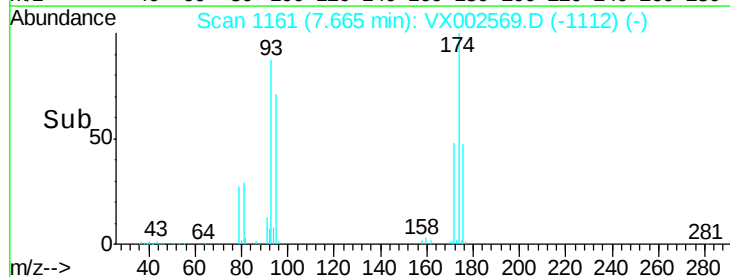
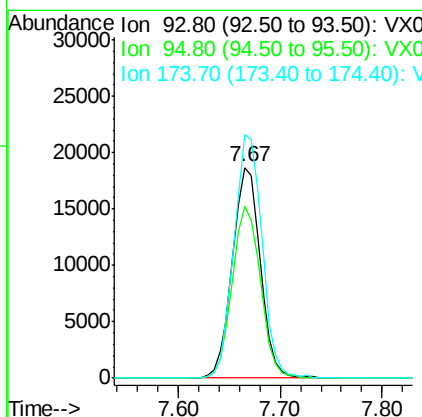
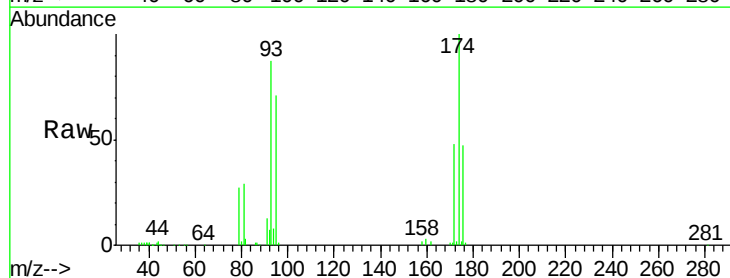
Instrument :
 MSVOA_X
 ClientSampleId :

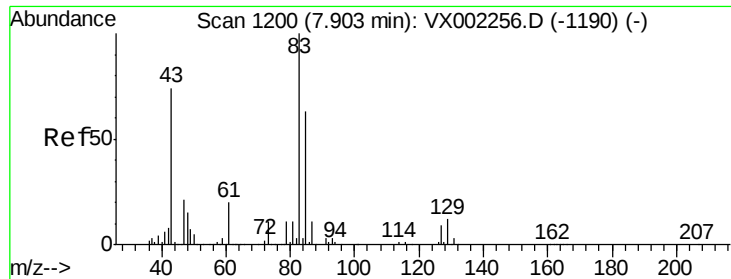
Tot Ion: 63 Resp: 51020
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 17.20 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion: 93 Resp: 35483
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 116.2 92.4 138.6





#47

Bromodichloromethane

Concen: 16.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :

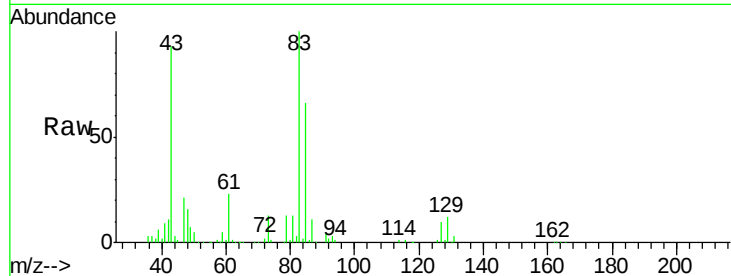
Tot Ion: 83 Resp: 61626

Ion Ratio Lower Upper

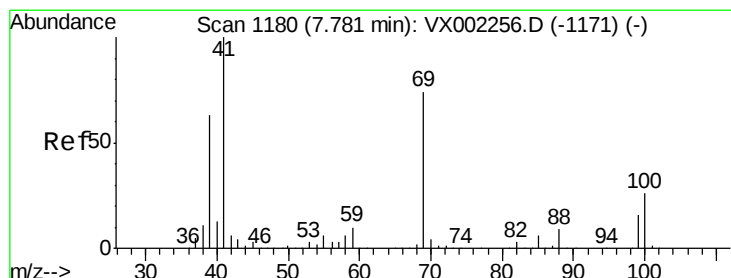
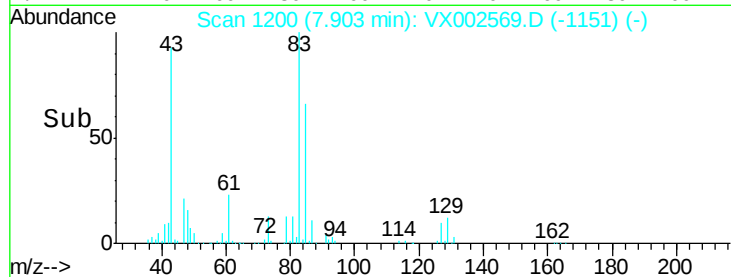
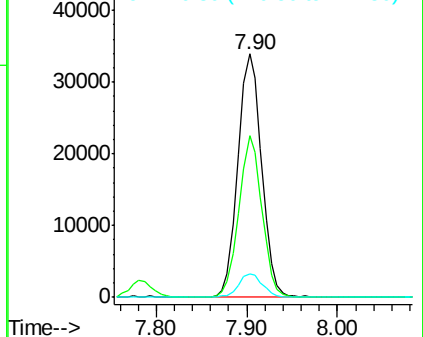
83 100

85 66.3 50.3 75.5

127 9.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 17.10 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

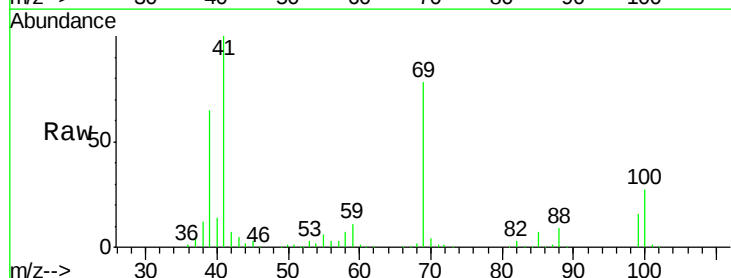
Tgt Ion: 41 Resp: 64507

Ion Ratio Lower Upper

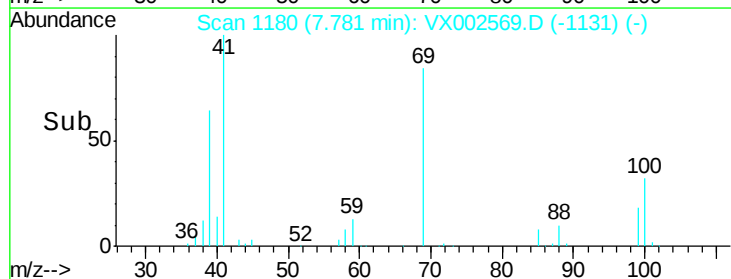
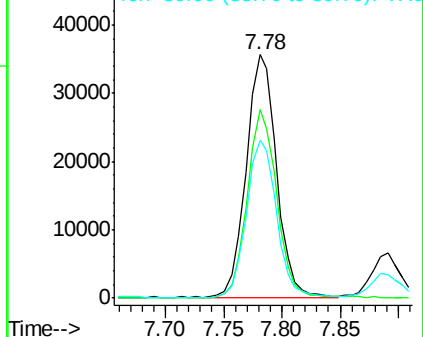
41 100

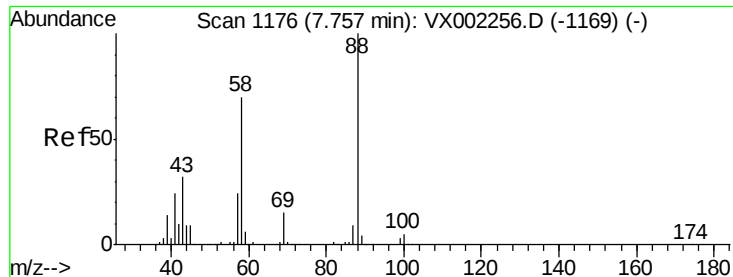
69 76.9 59.1 88.7

39 64.6 48.9 73.3



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





#49

1,4-Dioxane

Concen: 329.73 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampled :

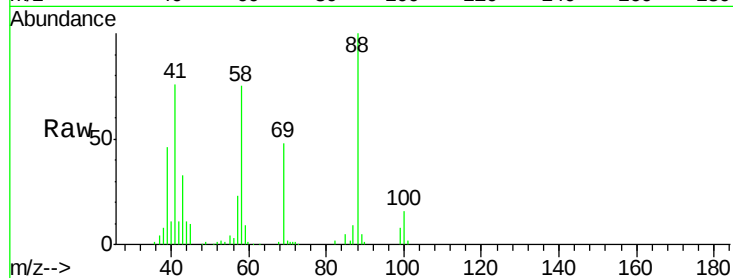
Tot Ion: 88 Resp: 23254

Ion Ratio Lower Upper

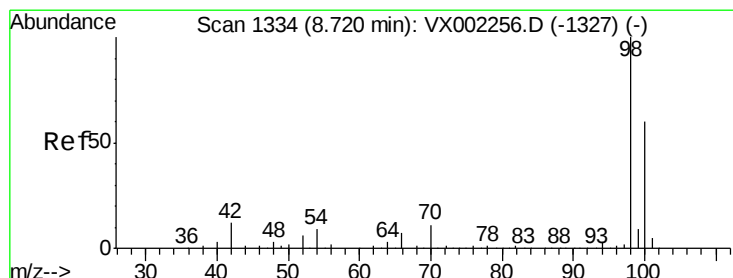
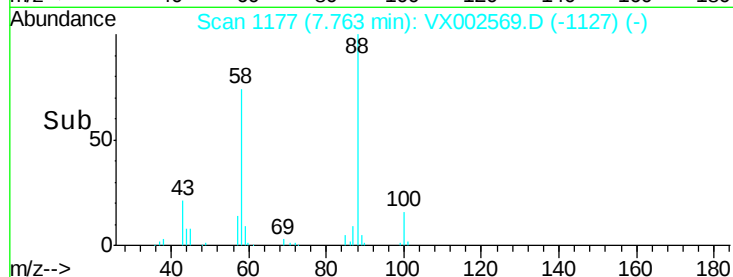
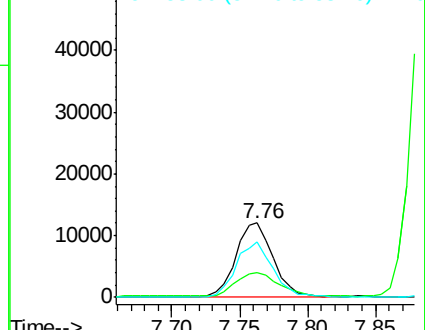
88 100

43 38.2 29.8 44.6

58 73.4 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: 51.48 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002569.D

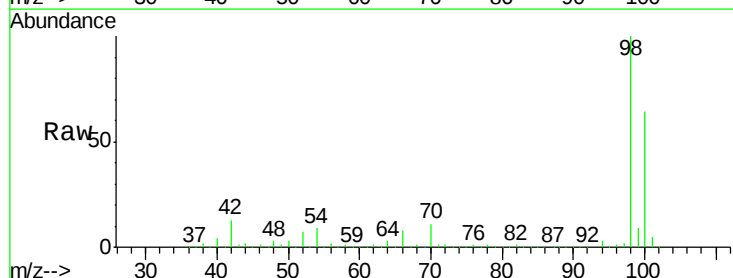
Acq: 14 Jun 2018 23:51

Tgt Ion: 98 Resp: 542592

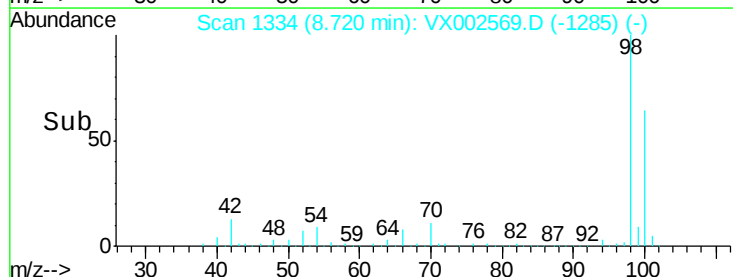
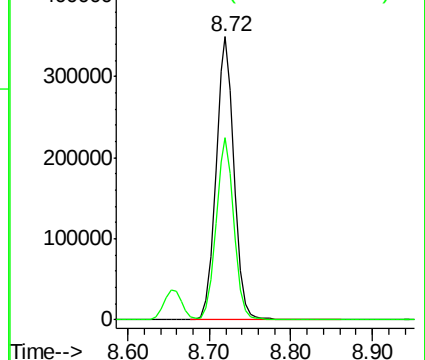
Ion Ratio Lower Upper

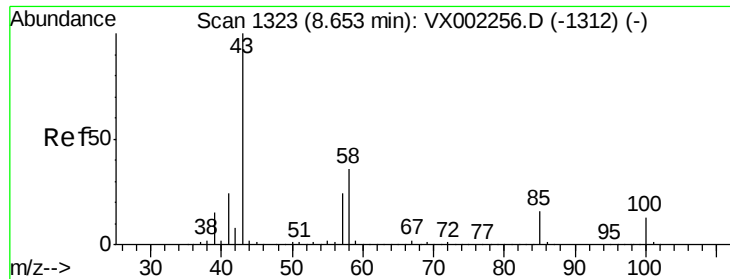
98 100

100 63.9 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: 92.16 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

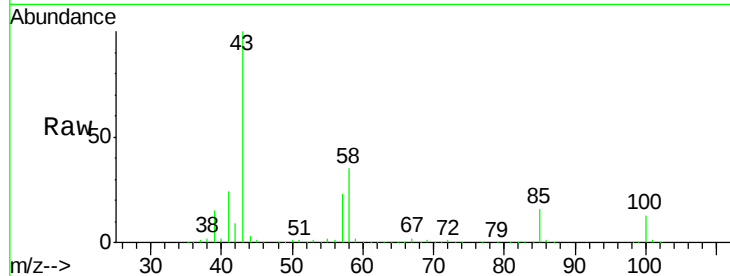
ClientSampleId :

Tot Ion: 43 Resp: 430968

Ion Ratio Lower Upper

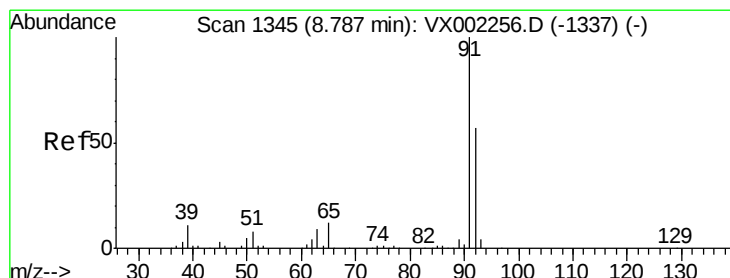
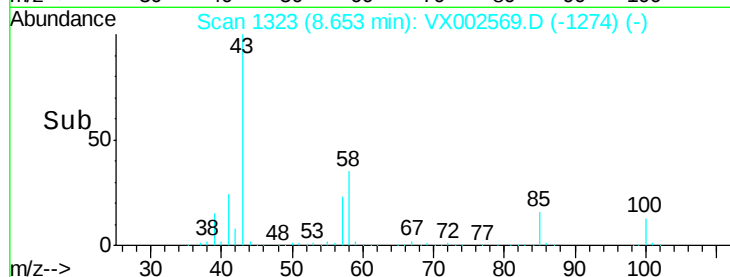
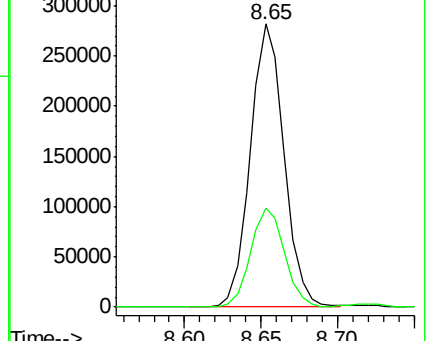
43 100

58 35.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 16.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002569.D

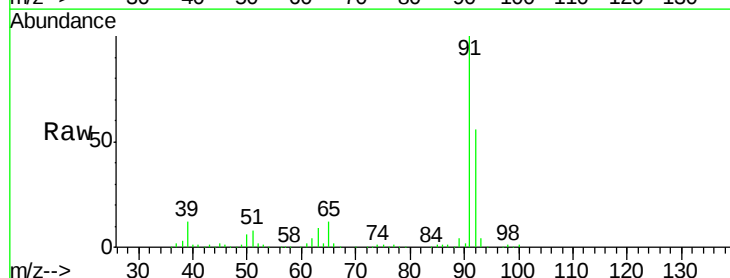
Acq: 14 Jun 2018 23:51

Tgt Ion: 92 Resp: 120966

Ion Ratio Lower Upper

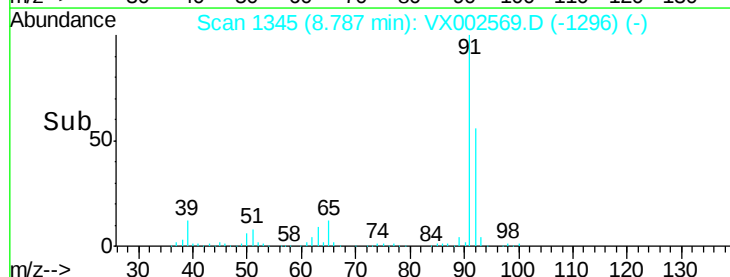
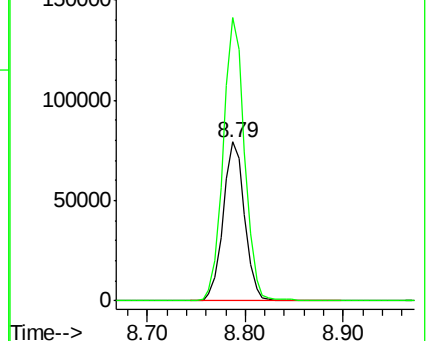
92 100

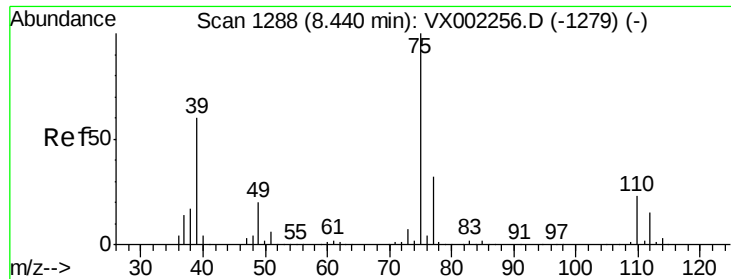
91 176.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 15.63 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

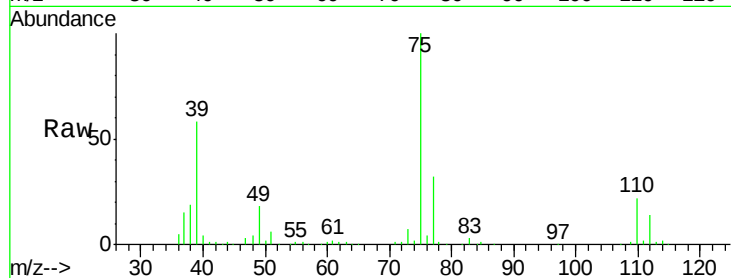
ClientSampled :

Tot Ion: 75 Resp: 69928

Ion Ratio Lower Upper

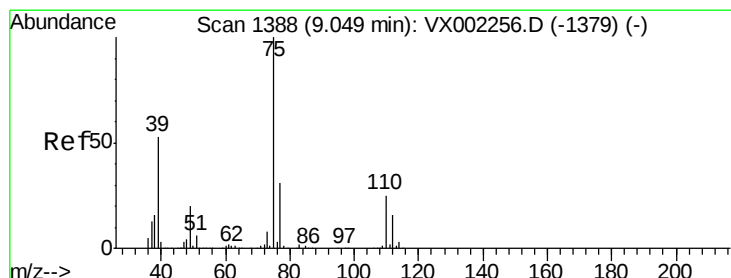
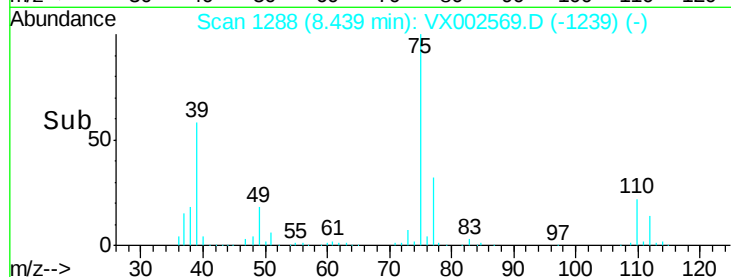
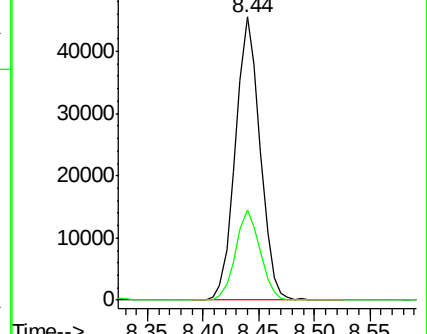
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 15.45 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

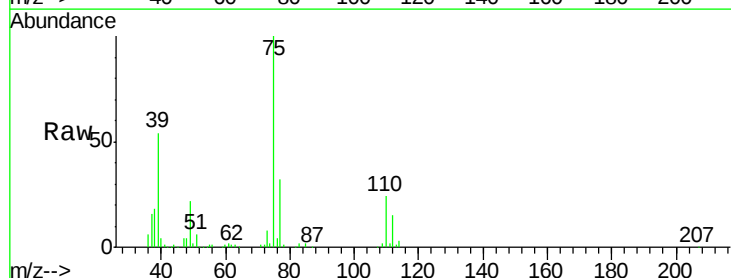
Tgt Ion: 75 Resp: 65205

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

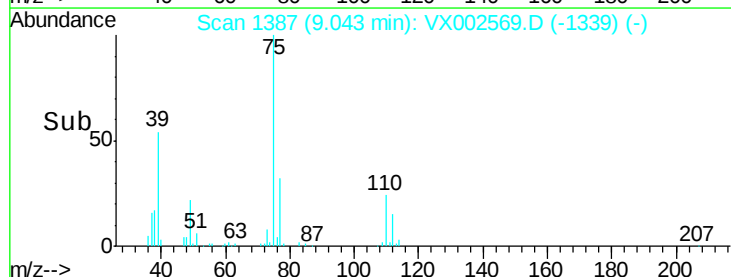
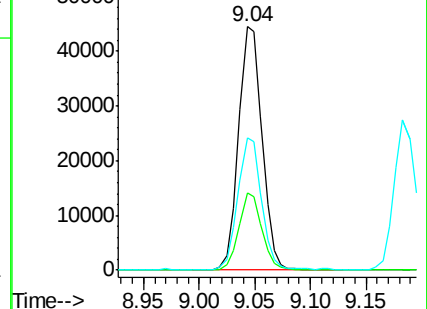
39 54.0 42.4 63.6

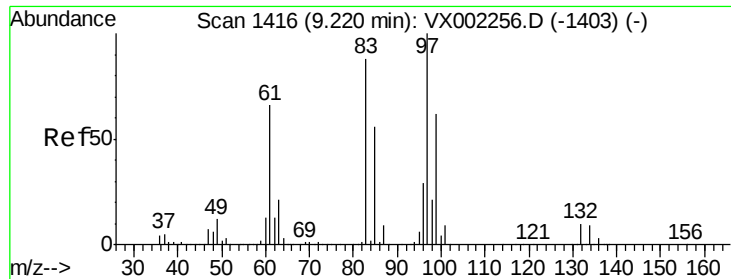


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



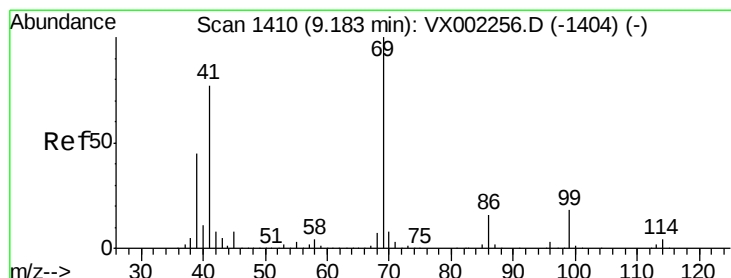
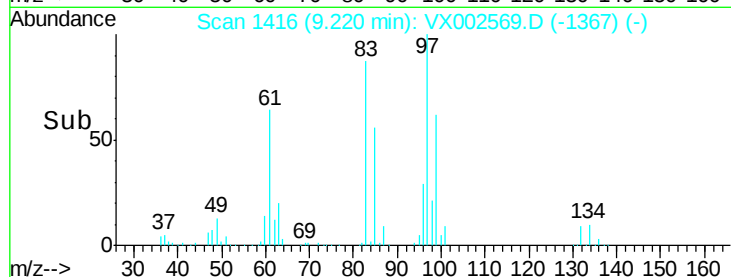
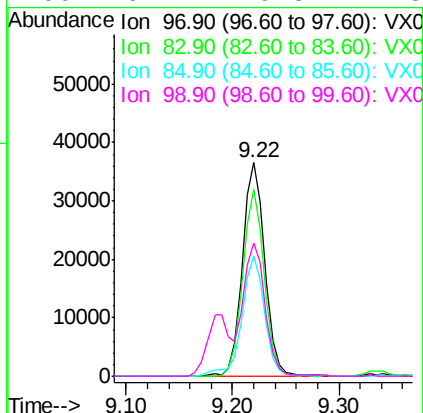
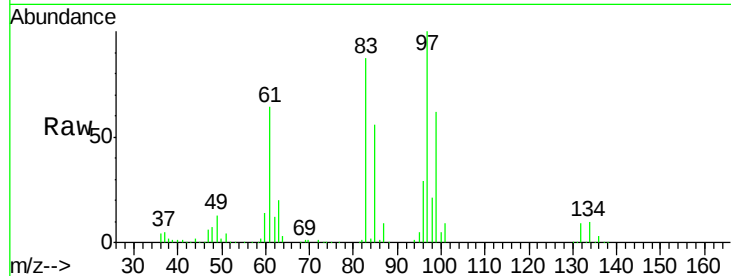


#55
 1,1,2-Trichloroethane
 Concen: 18.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 53874

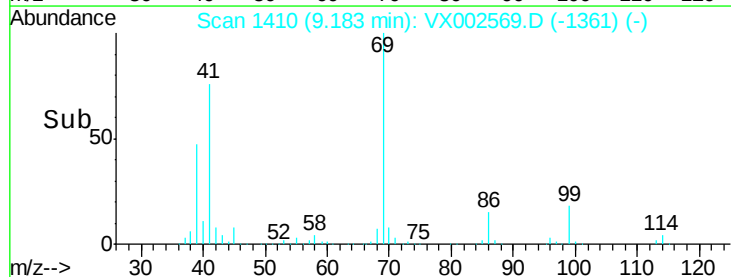
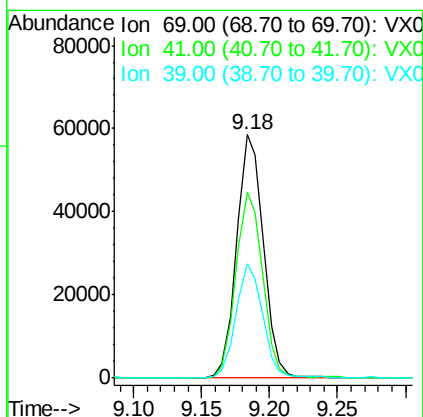
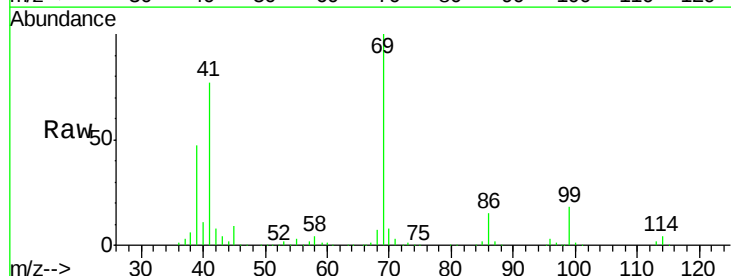
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.2	105.2
85	56.4	44.9	67.3
99	62.2	49.8	74.8

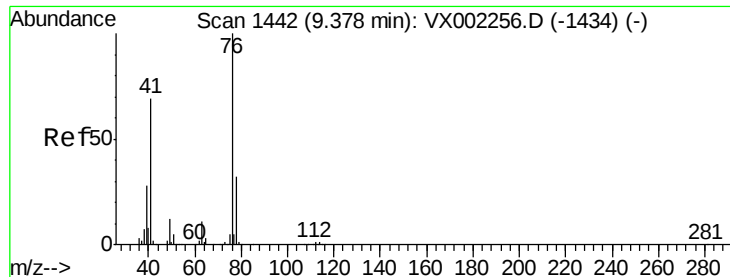


#56
 Ethyl methacrylate
 Concen: 17.07 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion: 69 Resp: 80363

Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.3	90.5
39	46.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 17.77 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

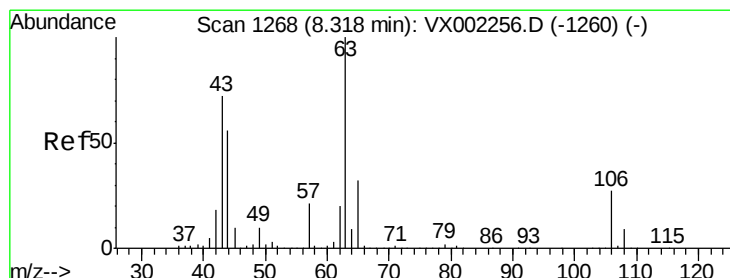
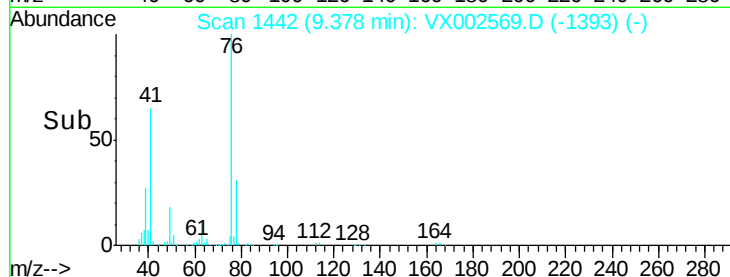
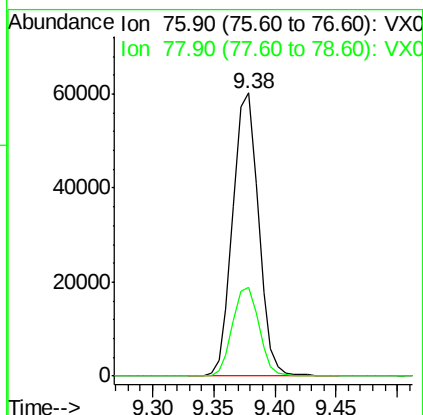
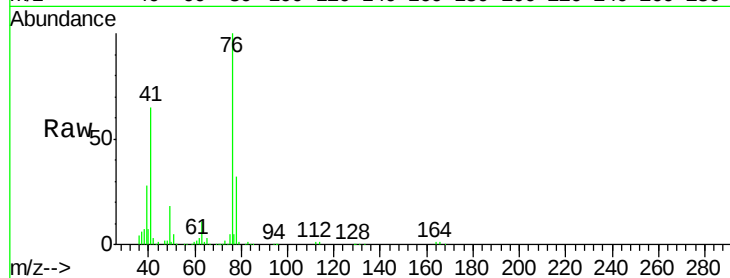
ClientSampleId :

Tot Ion: 76 Resp: 87884

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 90.40 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002569.D

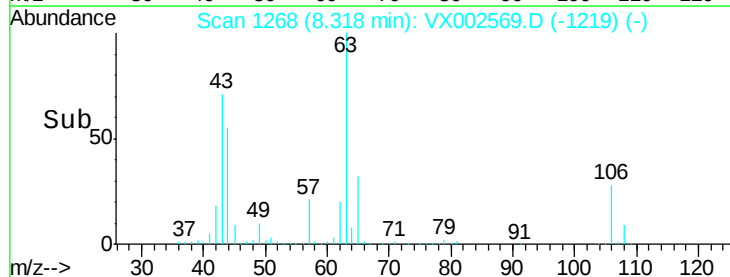
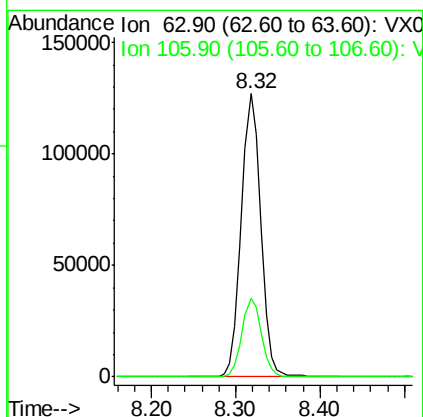
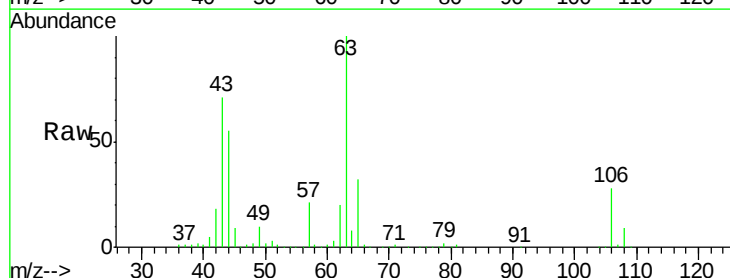
Acq: 14 Jun 2018 23:51

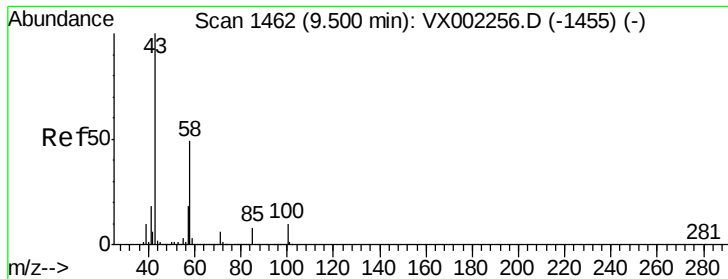
Tgt Ion: 63 Resp: 196963

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8

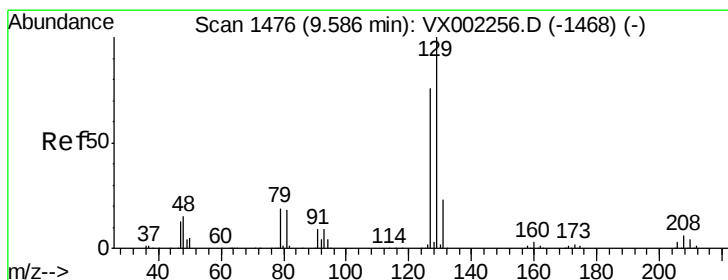
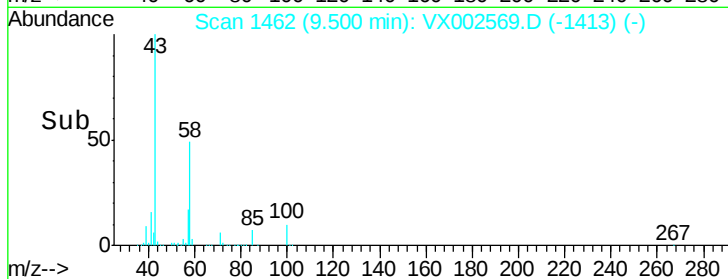
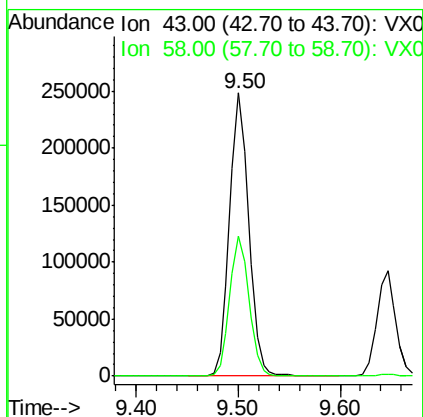
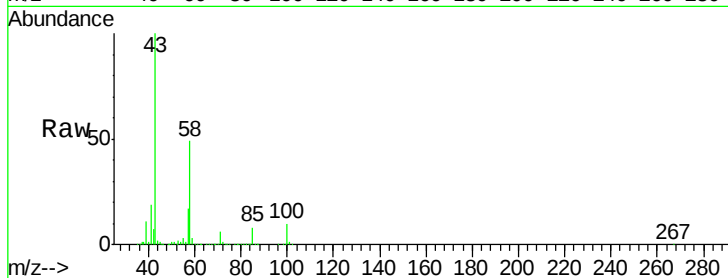




#59
2-Hexanone
Concen: 89.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

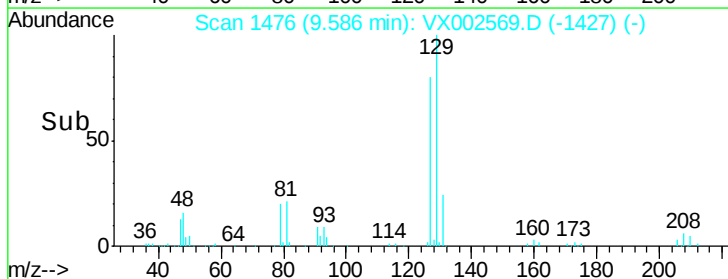
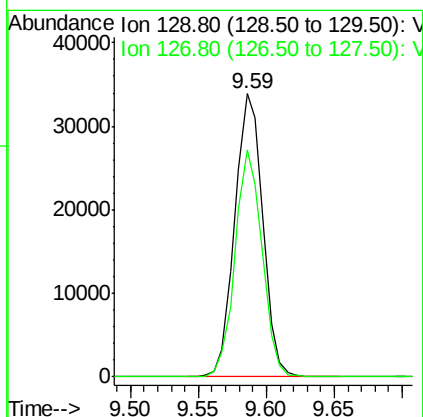
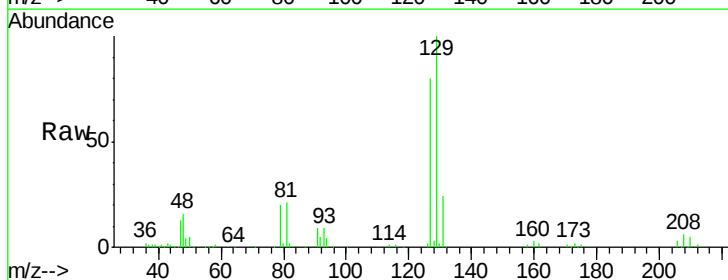
Instrument :
MSVOA_X
ClientSampled :

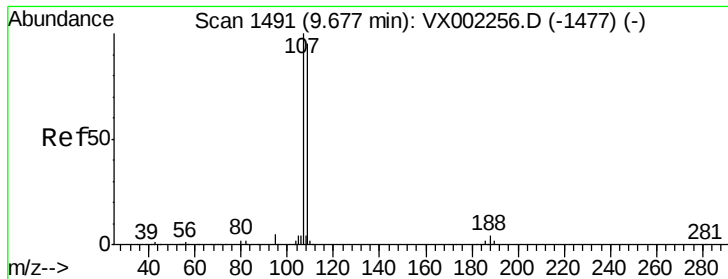
Tot Ion: 43 Resp: 322970
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6



#60
Dibromochloromethane
Concen: 16.36 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 129 Resp: 48521
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.58 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

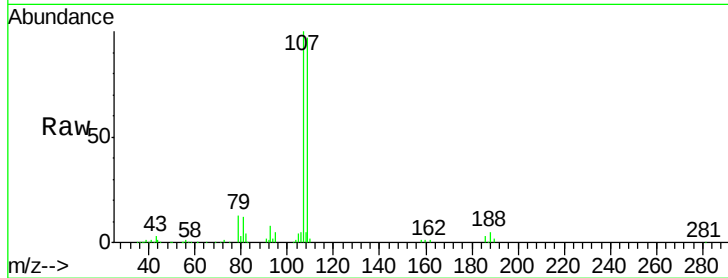
ClientSampleId :

Tot Ion:107 Resp: 54058

Ion Ratio Lower Upper

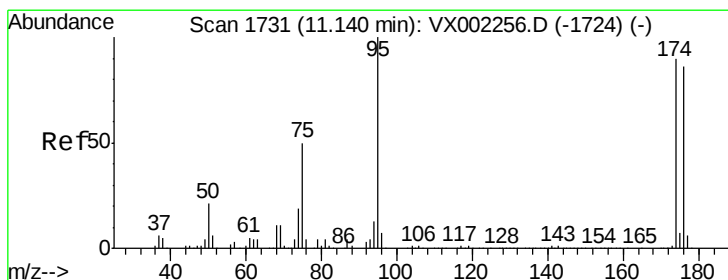
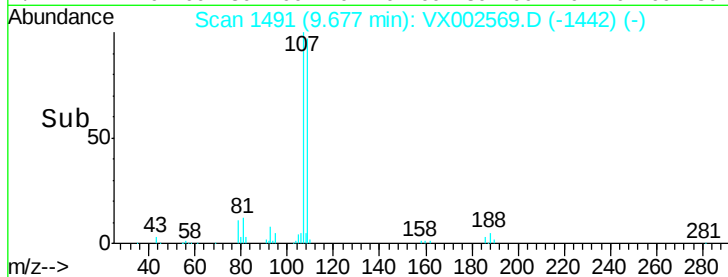
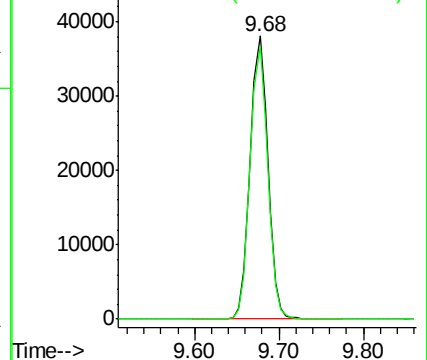
107 100

109 95.3 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: 49.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

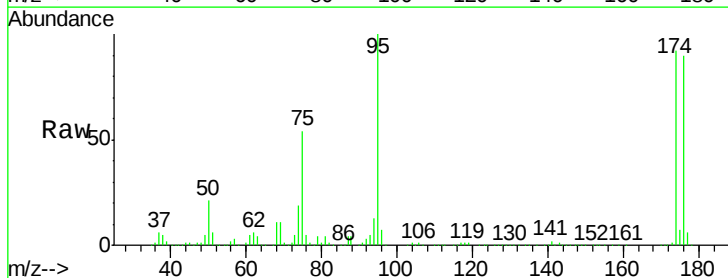
Tgt Ion: 95 Resp: 202990

Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.4

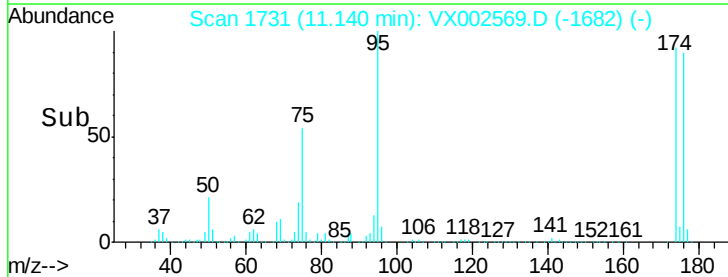
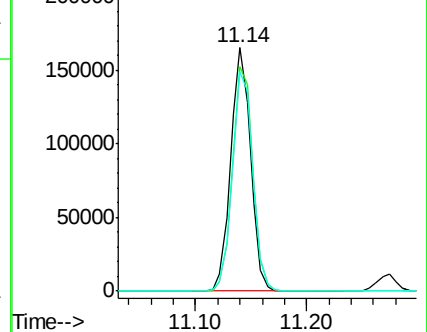
176 92.6 0.0 181.0

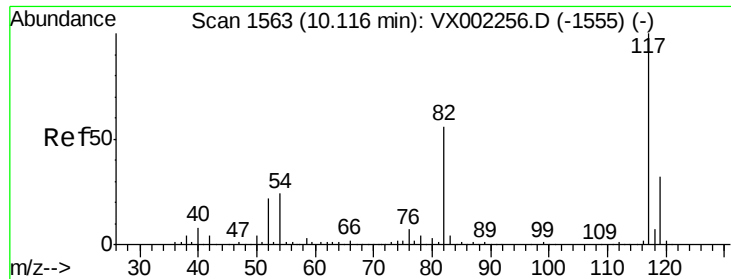


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

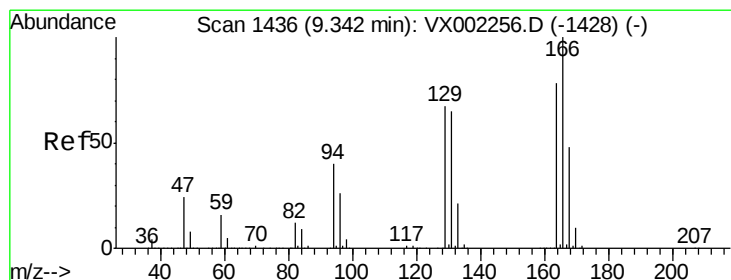
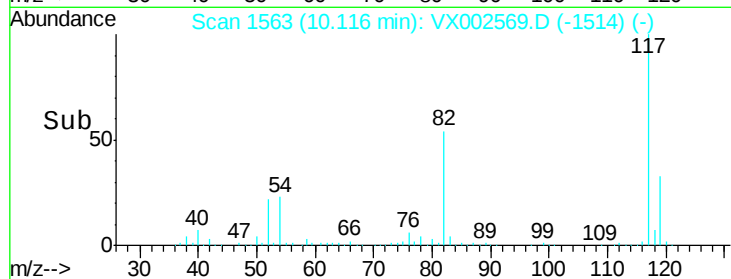
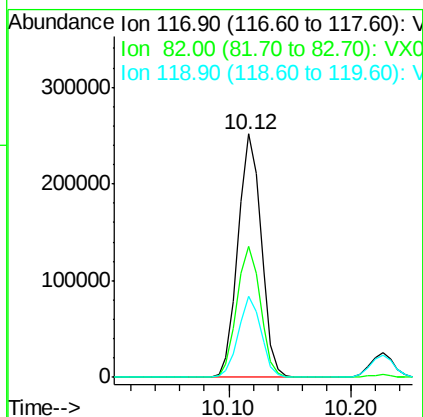
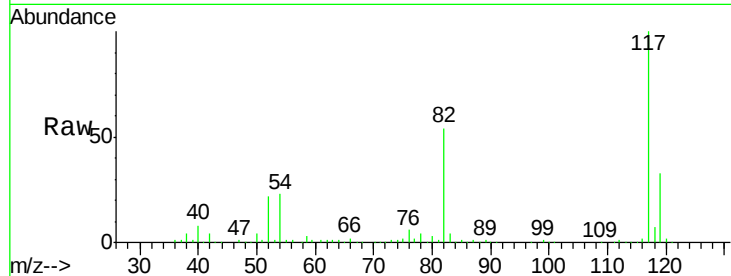




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

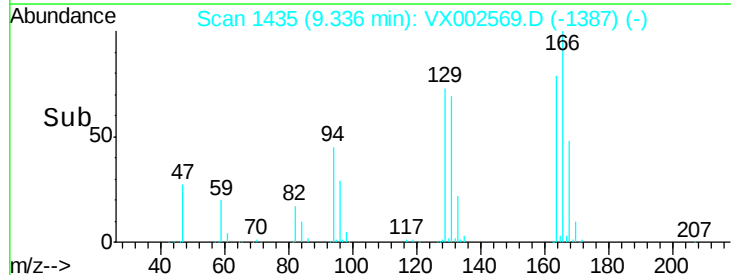
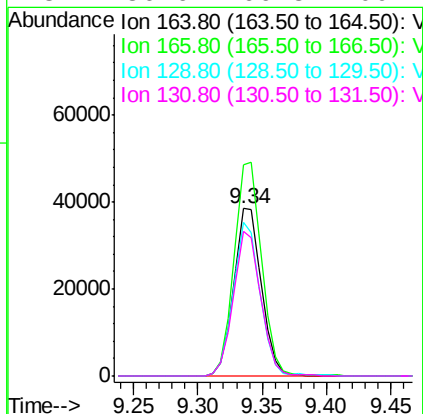
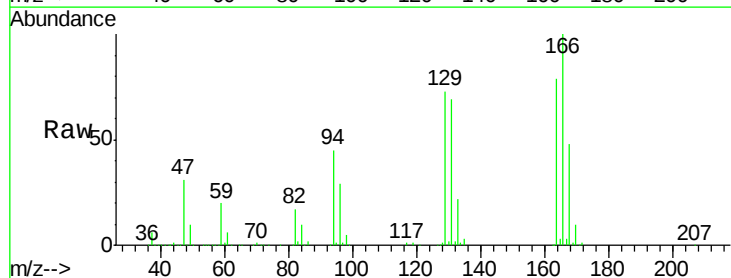
Instrument :
MSVOA_X
ClientSampleId :

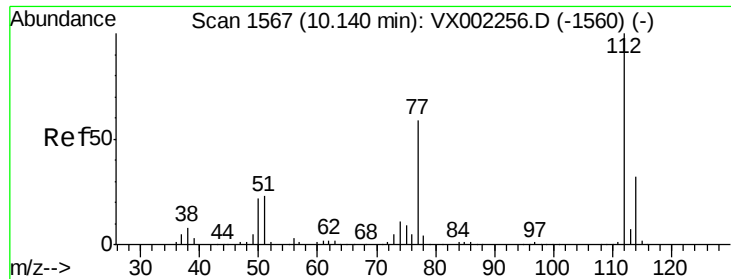
Tot Ion:117 Resp: 330605
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 33.3 25.8 38.6



#64
Tetrachloroethene
Concen: 16.92 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion:164 Resp: 57707
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 91.6 68.6 102.8
131 86.6 66.8 100.2





#65

Chlorobenzene

Concen: 17.38 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

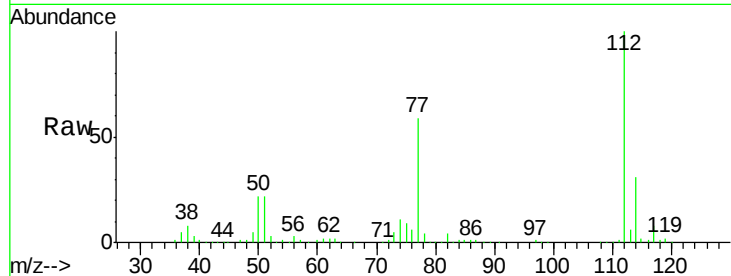
ClientSampled :

Tot Ion:112 Resp: 142986

Ion Ratio Lower Upper

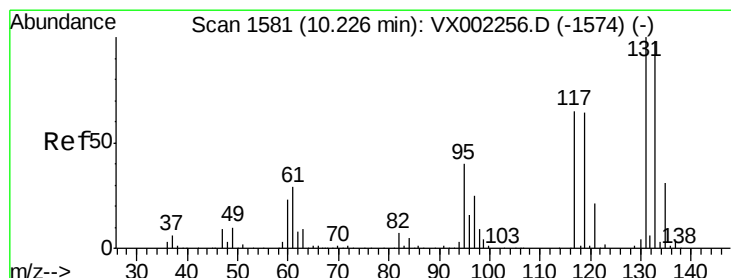
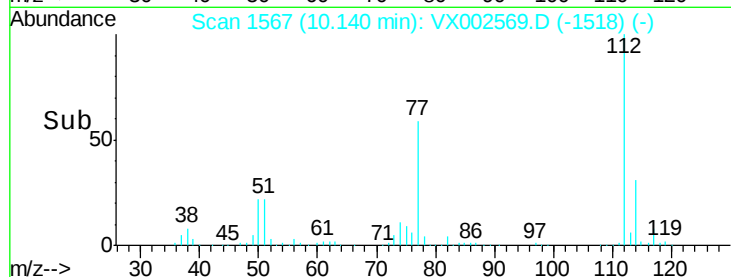
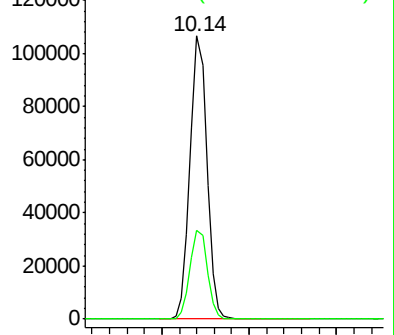
112 100

114 31.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.03 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

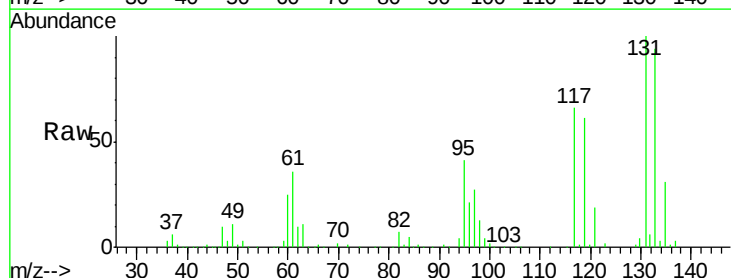
Tgt Ion:131 Resp: 50741

Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

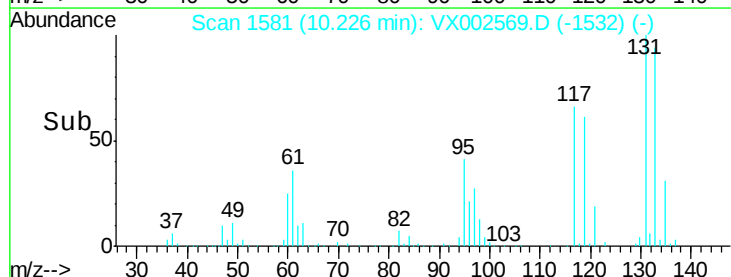
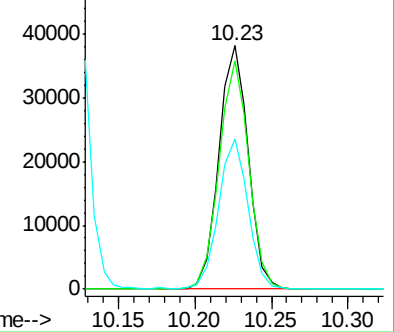
119 62.0 31.8 95.3

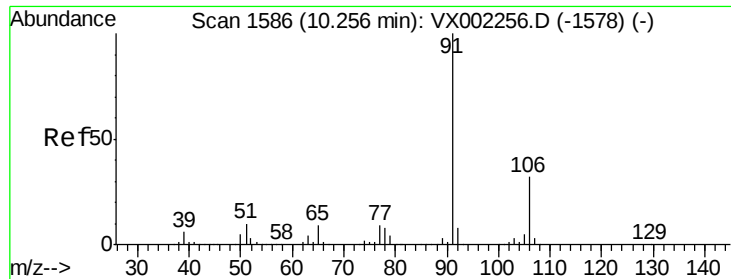


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

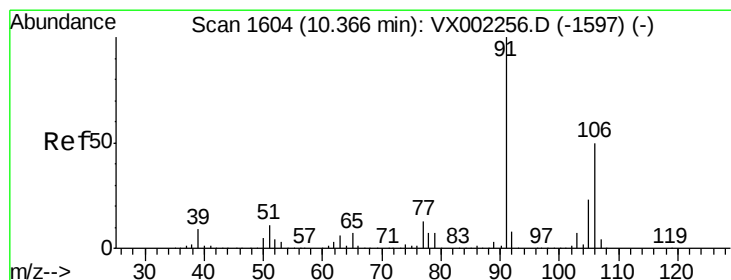
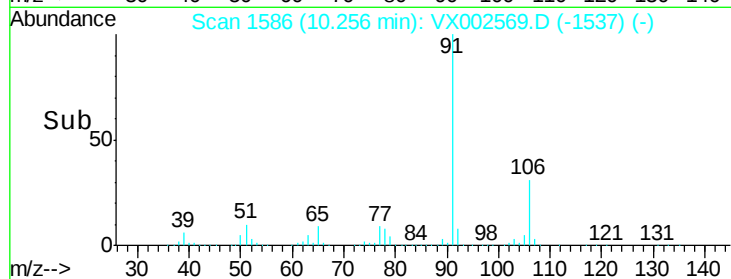
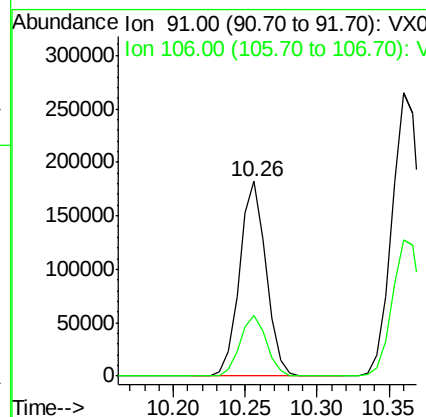
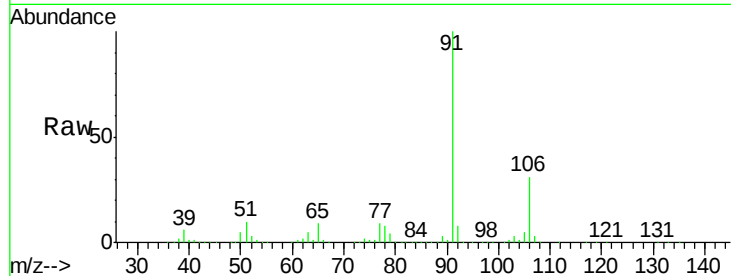




#67
Ethyl Benzene
Concen: 16.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

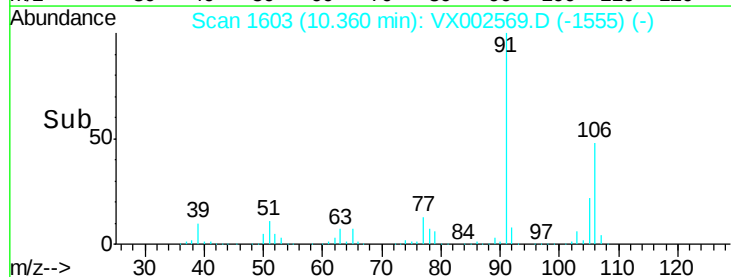
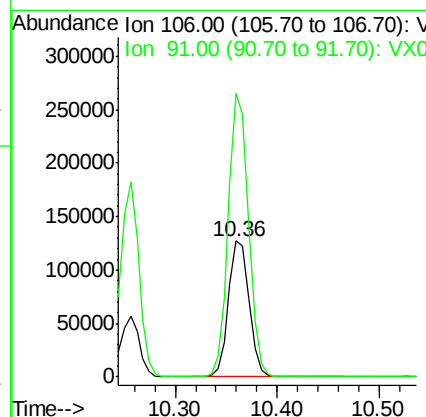
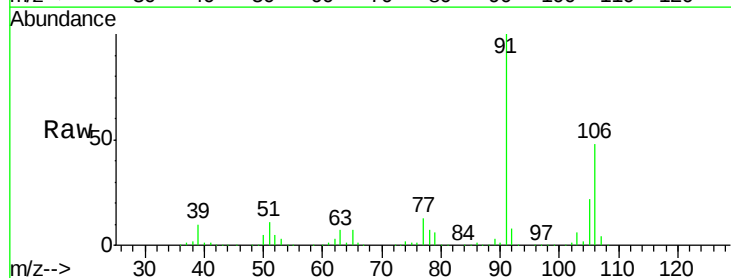
Instrument :
MSVOA_X
ClientSampleId :

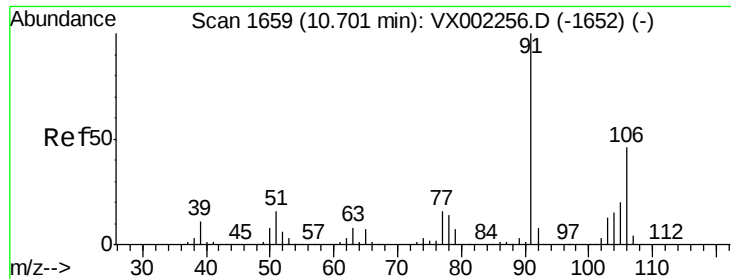
Tot Ion: 91 Resp: 233909
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 33.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 106 Resp: 178509
Ion Ratio Lower Upper
106 100
91 204.7 163.4 245.2

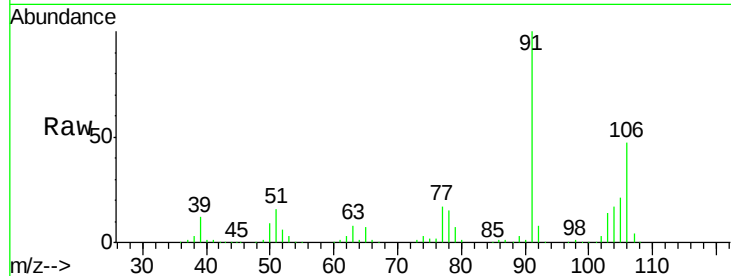




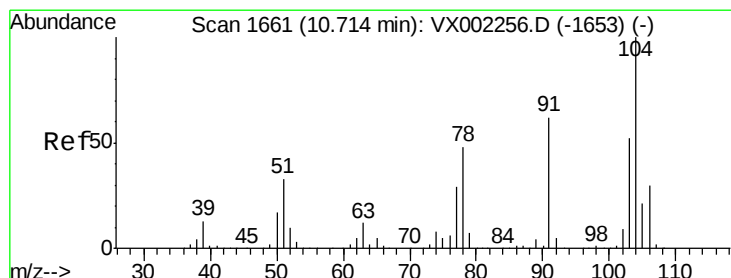
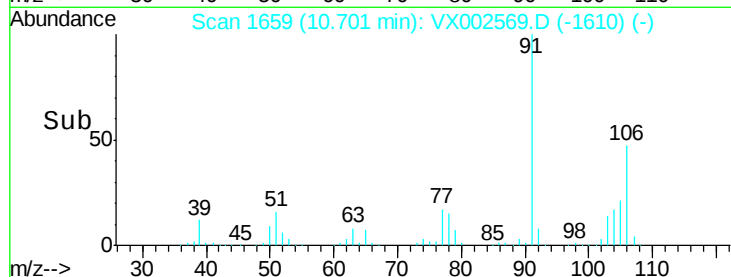
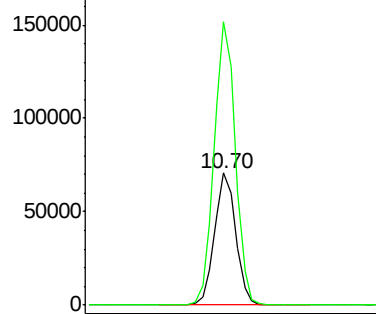
#69
o-Xylene
Concen: 16.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 89869
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

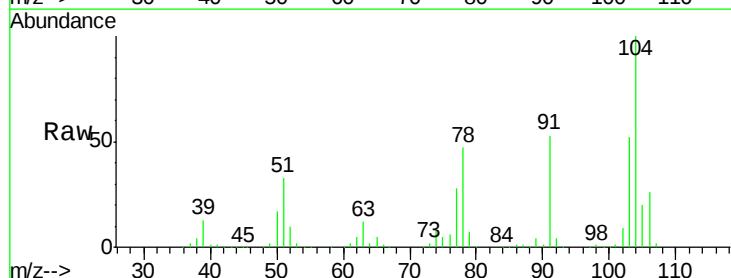


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

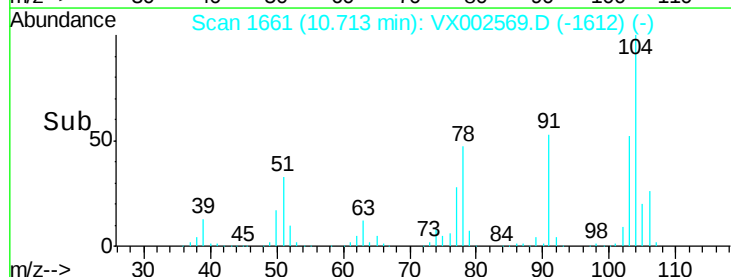
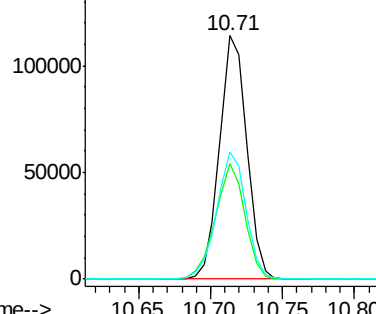


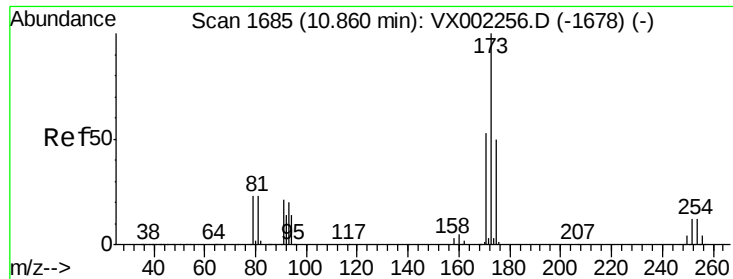
#70
Styrene
Concen: 17.10 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion:104 Resp: 148918
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.7 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: 15.87 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

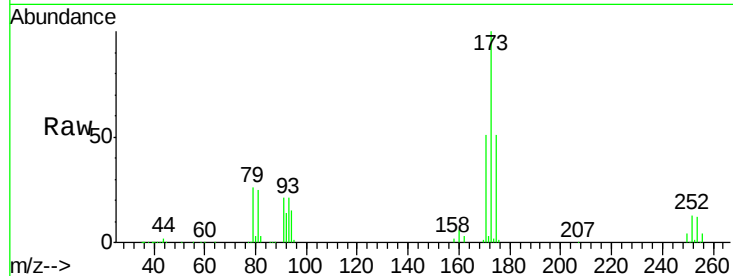
Tot Ion:173 Resp: 35569

Ion Ratio Lower Upper

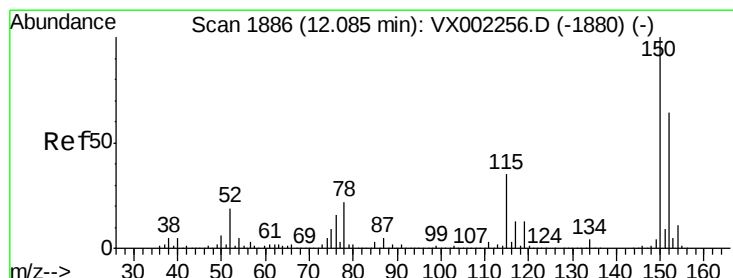
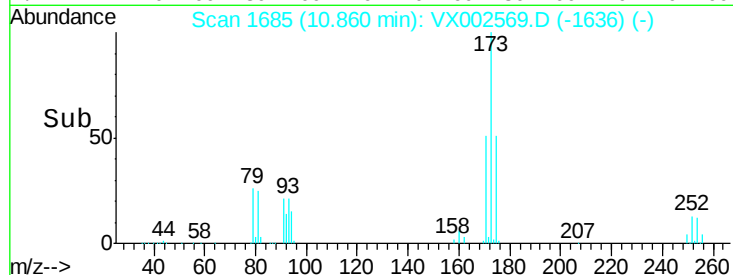
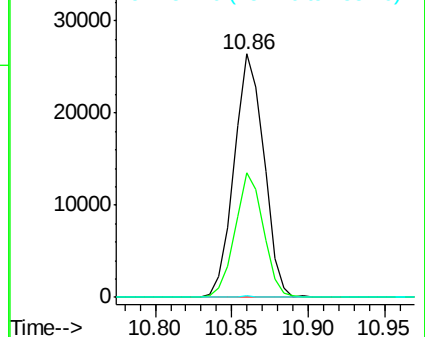
173 100

175 48.9 24.7 74.1

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

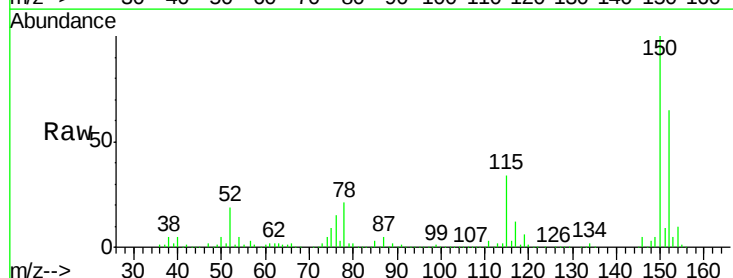
Tgt Ion:152 Resp: 205725

Ion Ratio Lower Upper

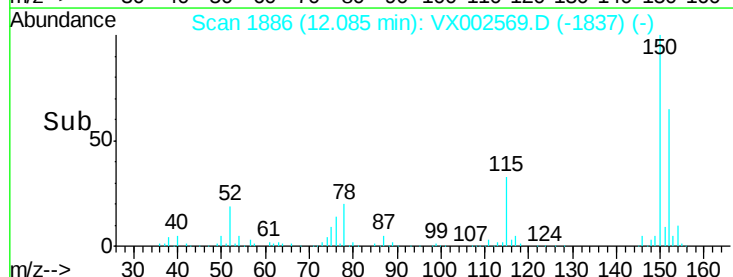
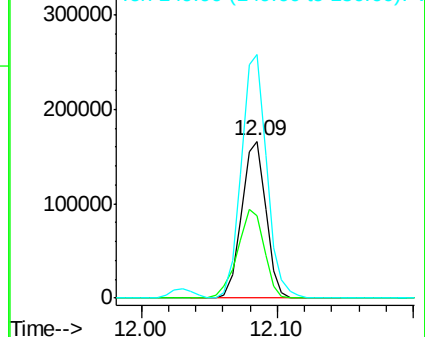
152 100

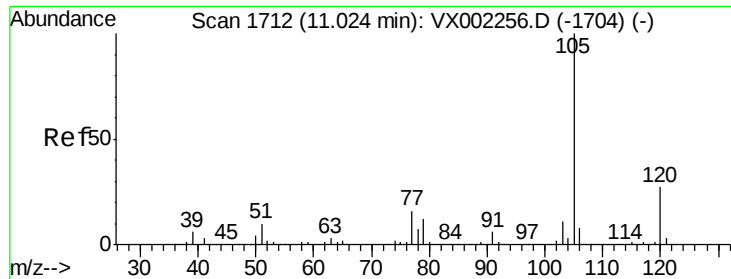
115 62.7 40.1 120.2

150 163.2 0.0 347.2



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





#73

Isopropylbenzene

Concen: 16.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

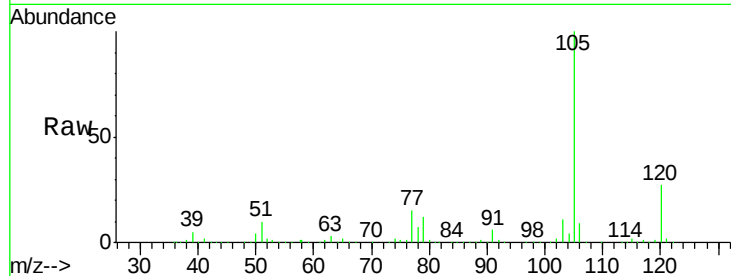
ClientSampleId :

Tot Ion:105 Resp: 241816

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

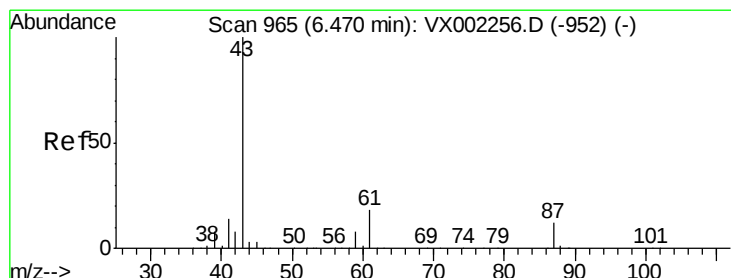
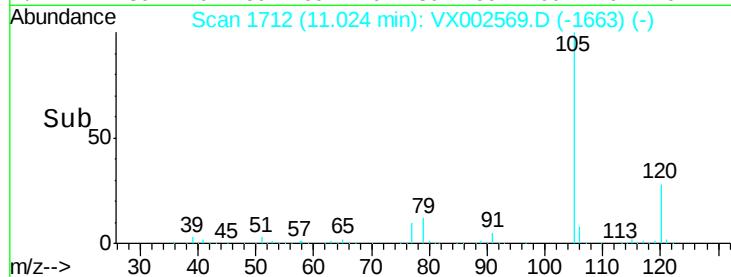
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 16.83 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion: 43 Resp: 129746

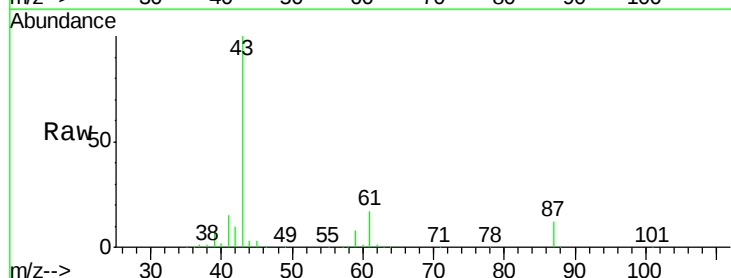
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.6 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

80000

60000

40000

20000

0

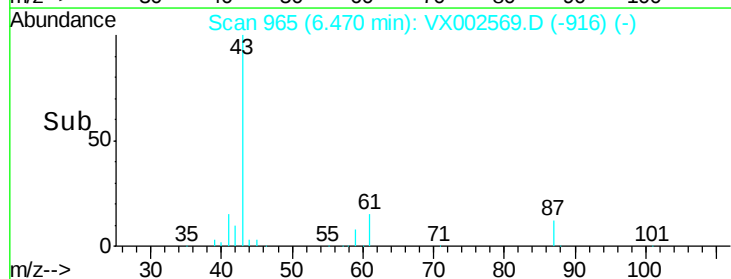
6.47

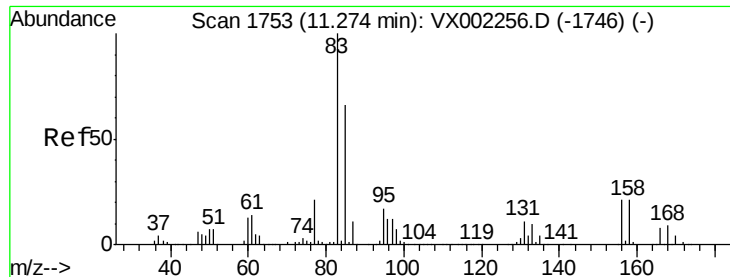
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.49 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

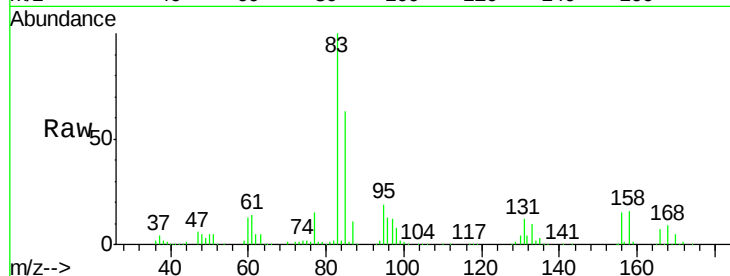
Tot Ion: 83 Resp: 78706

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

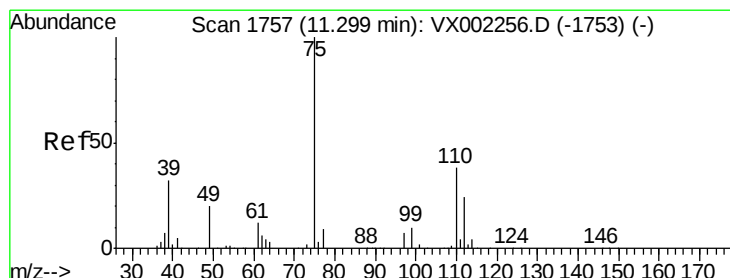
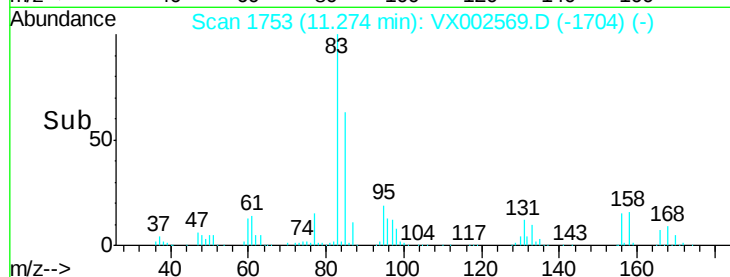
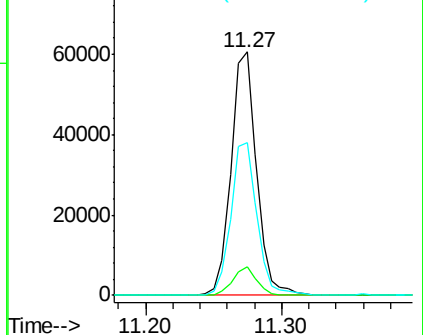
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002569.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX002569.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002569.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 19.22 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002569.D

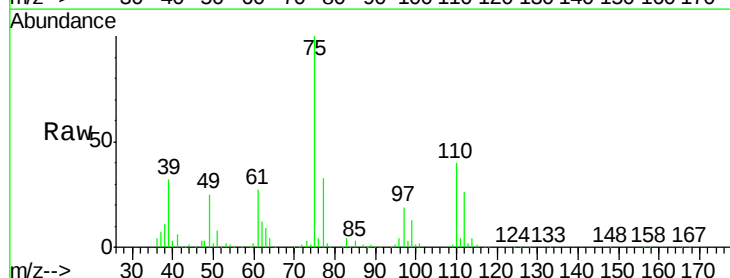
Acq: 14 Jun 2018 23:51

Tgt Ion: 75 Resp: 86776

Ion Ratio Lower Upper

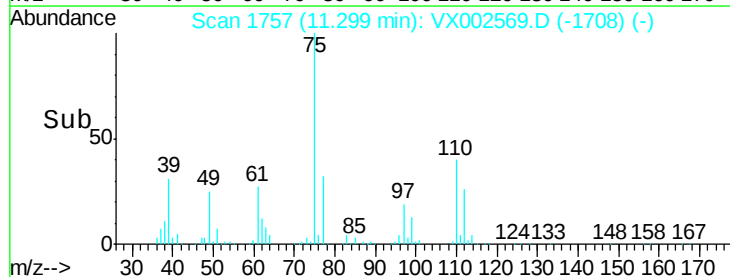
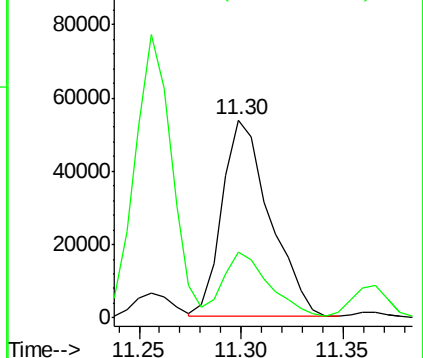
75 100

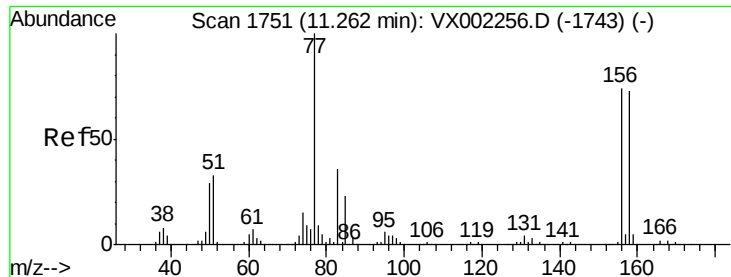
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002569.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002569.D (-1708) (-)





#77

Bromobenzene

Concen: 16.63 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampled :

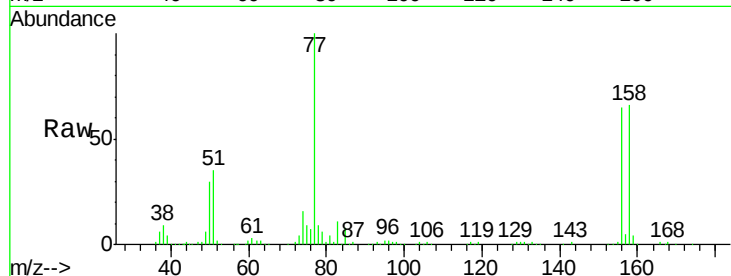
Tot Ion:156 Resp: 66831

Ion Ratio Lower Upper

156 100

77 144.7 71.4 214.2

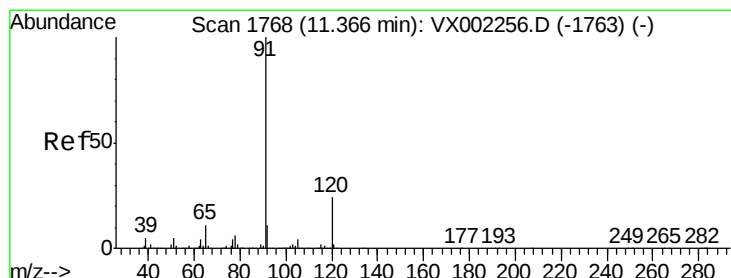
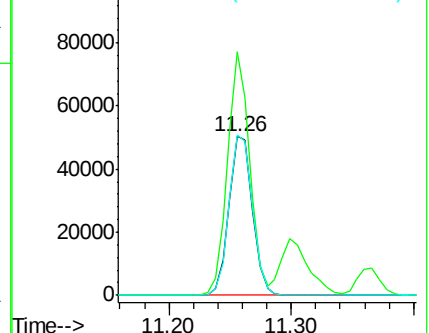
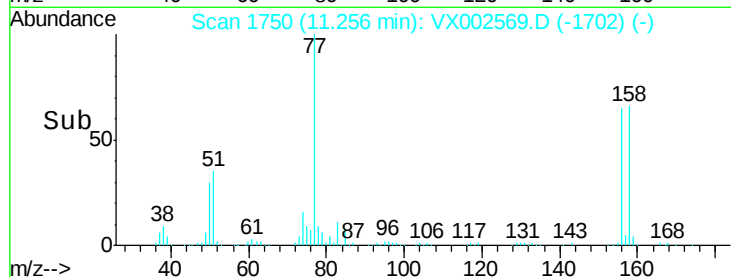
158 100.5 48.9 146.6



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: 16.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002569.D

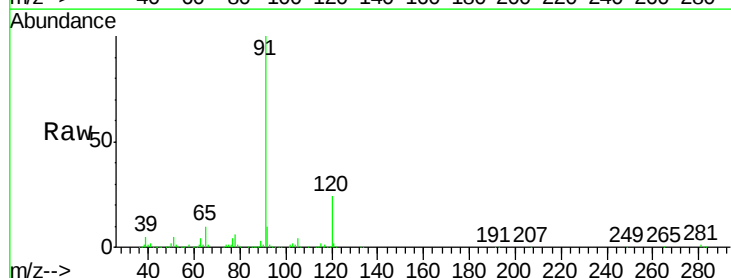
Acq: 14 Jun 2018 23:51

Tgt Ion: 91 Resp: 269039

Ion Ratio Lower Upper

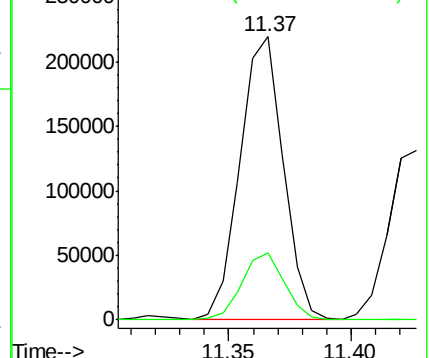
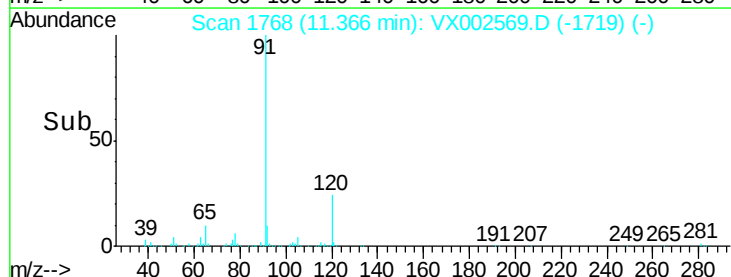
91 100

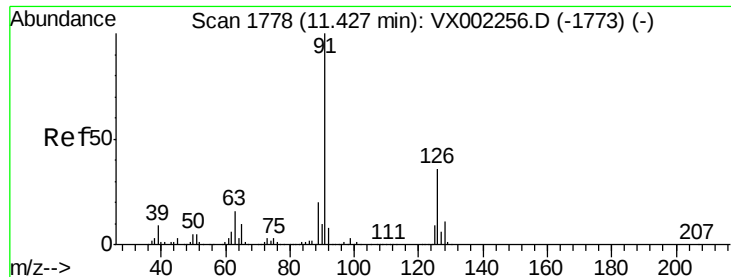
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

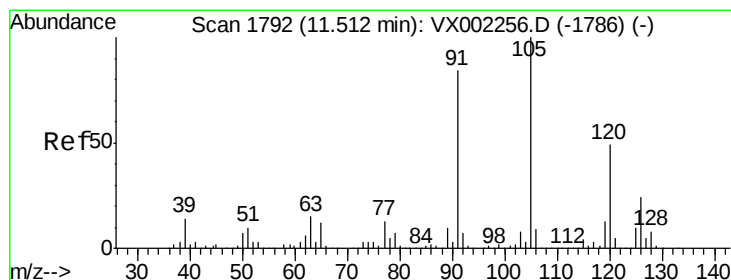
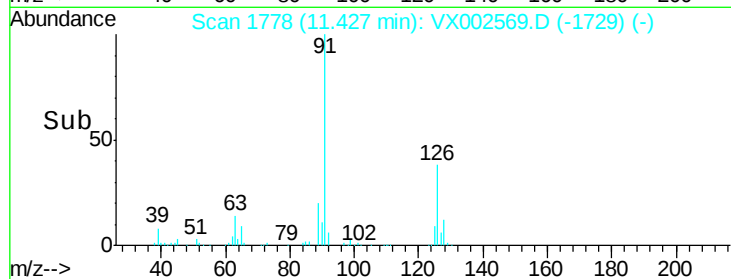
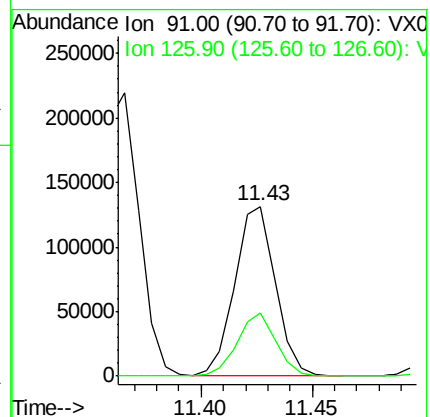
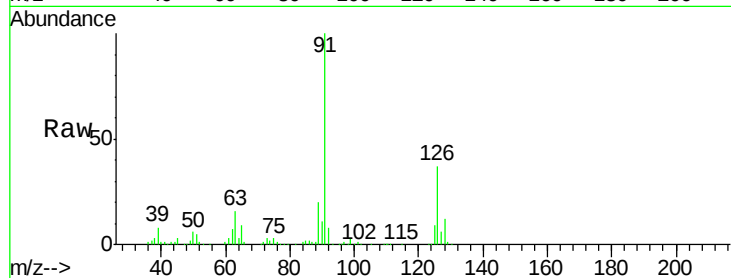
ClientSampled :

Tot Ion: 91 Resp: 166360

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 16.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002569.D

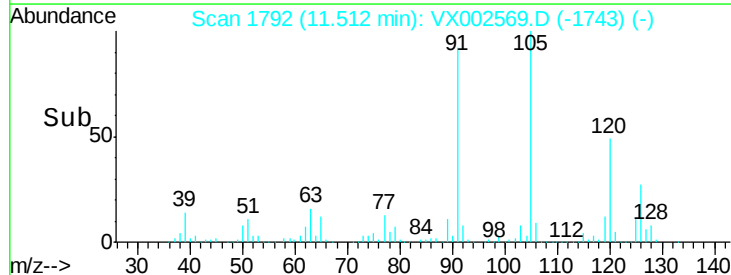
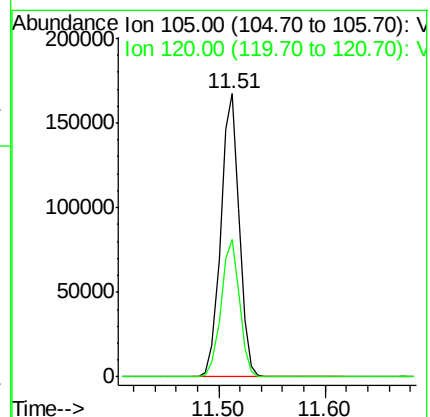
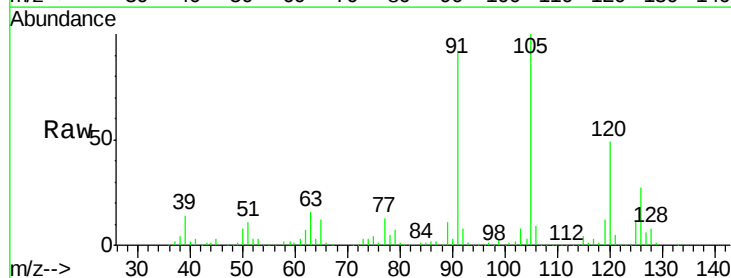
Acq: 14 Jun 2018 23:51

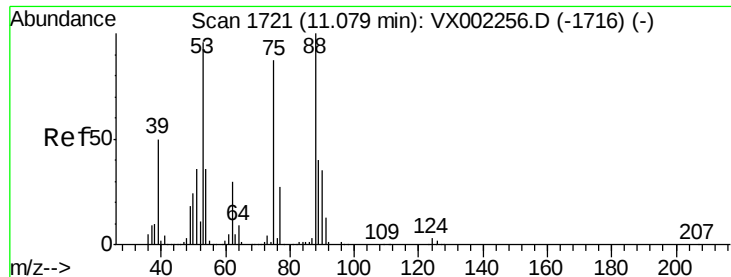
Tgt Ion:105 Resp: 200275

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

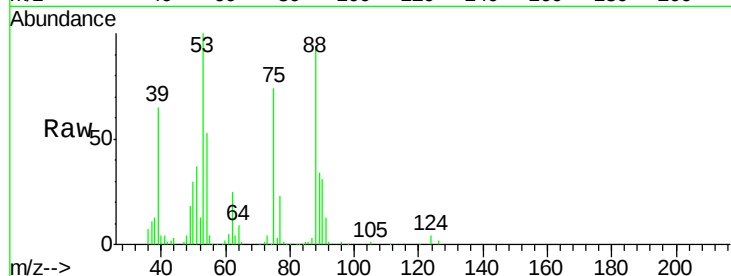
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 16437

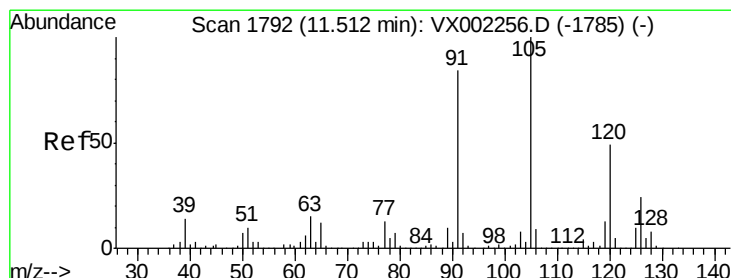
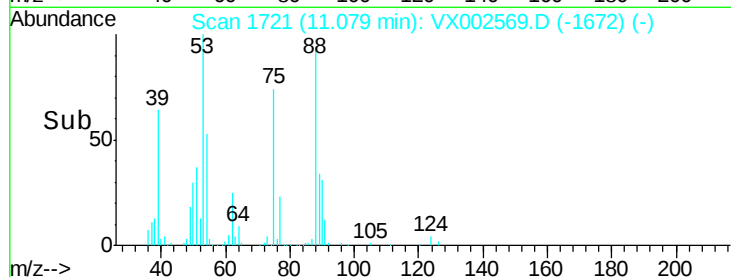
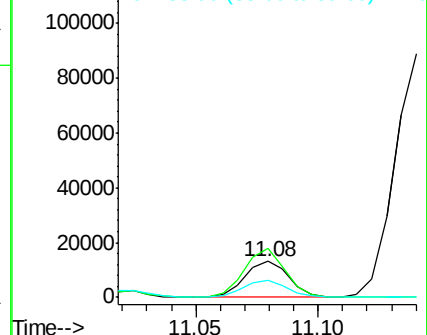
Ion	Ratio	Lower	Upper
75	100		
53	127.7	86.8	130.2
89	46.9	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 16.71 ug/l

RT: 11.51 min Scan# 1792

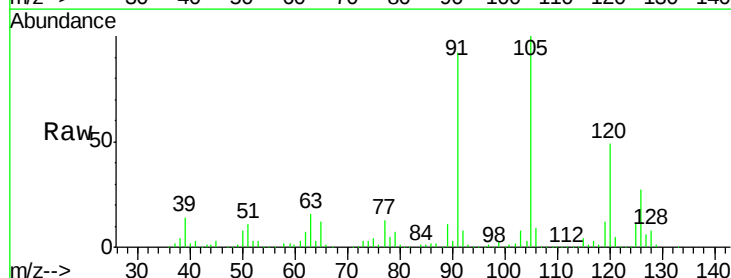
Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

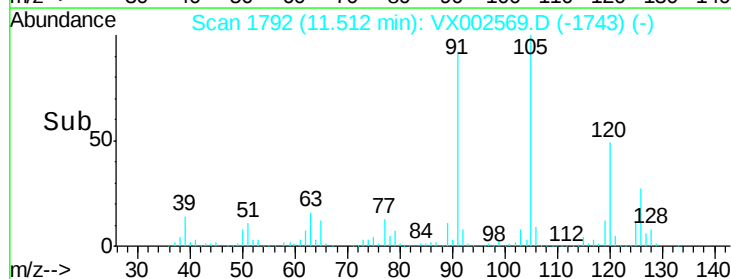
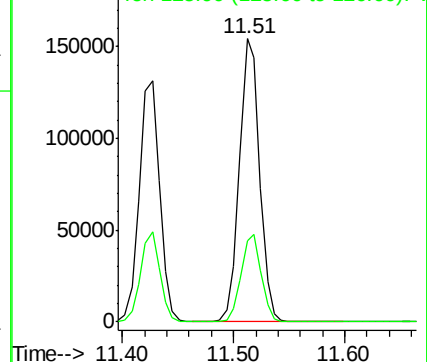
Tgt Ion: 91 Resp: 193708

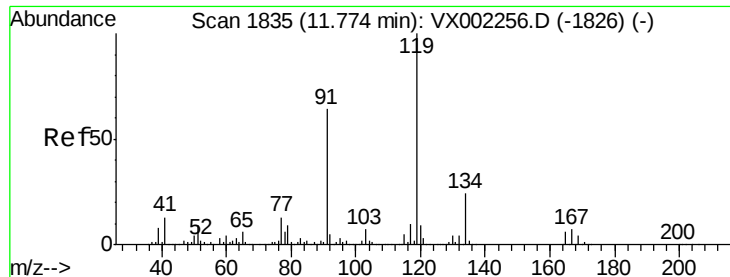
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

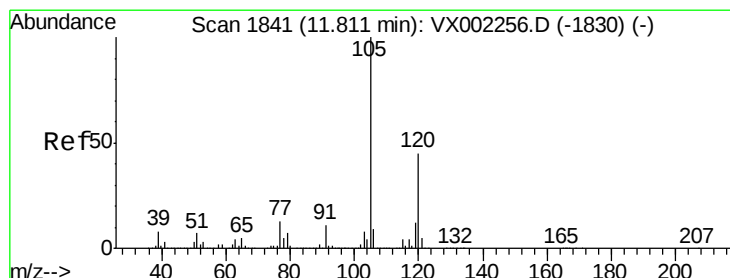
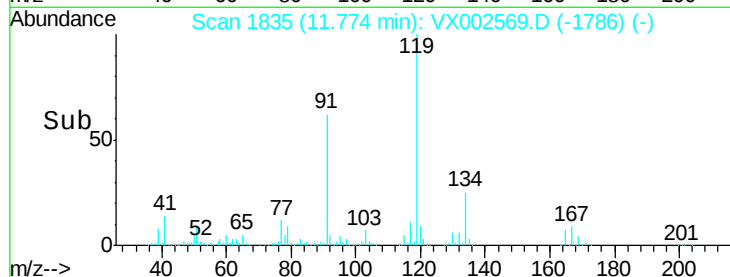
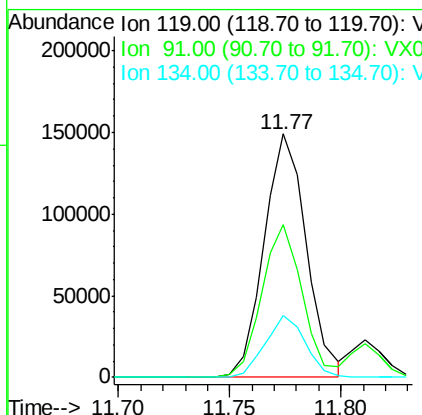
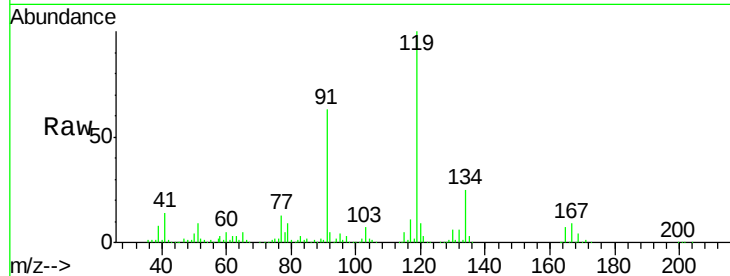




#83
 tert-Butylbenzene
 Concen: 16.41 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

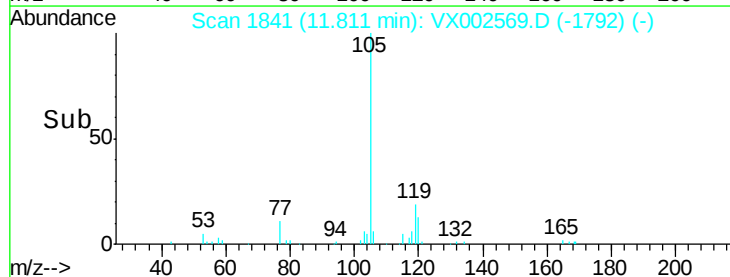
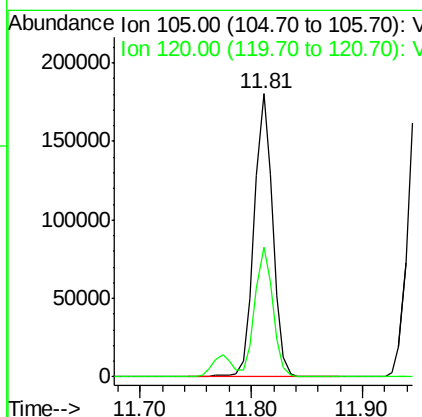
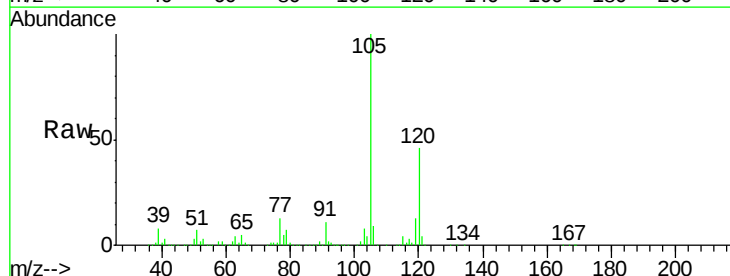
Instrument :
 MSVOA_X
 ClientSampleId :

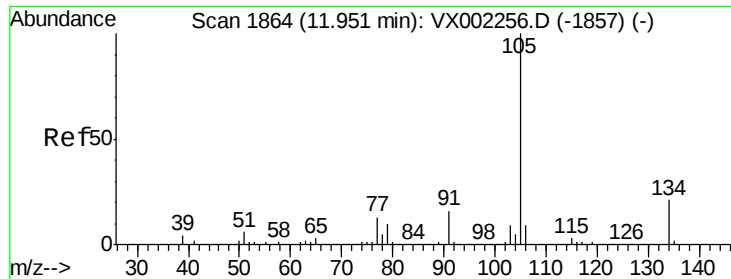
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.3	90.9
134	24.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.54 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 16.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

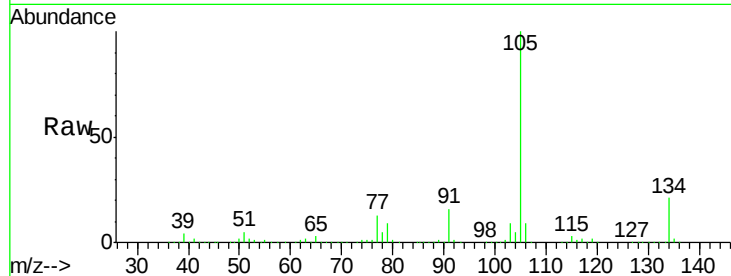
ClientSampleId :

Tot Ion:105 Resp: 235170

Ion Ratio Lower Upper

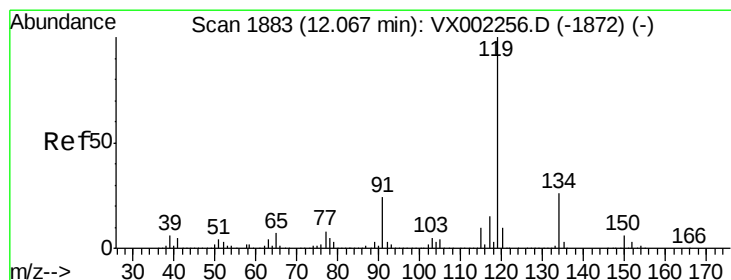
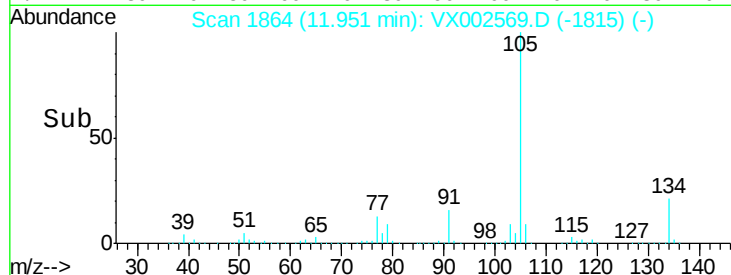
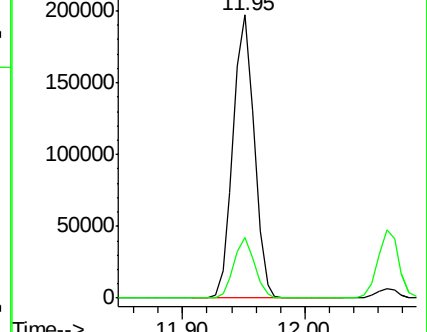
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

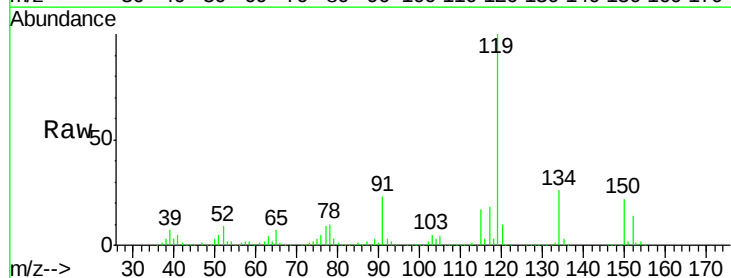
Tgt Ion:119 Resp: 211179

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

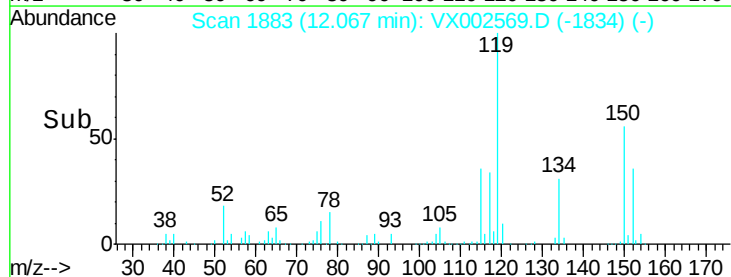
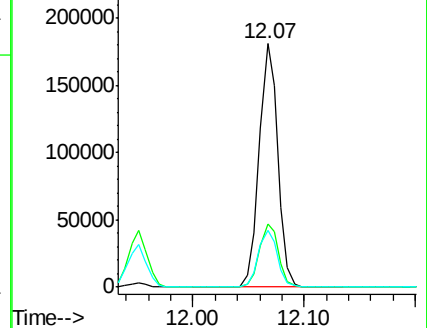
91 23.9 11.9 35.7

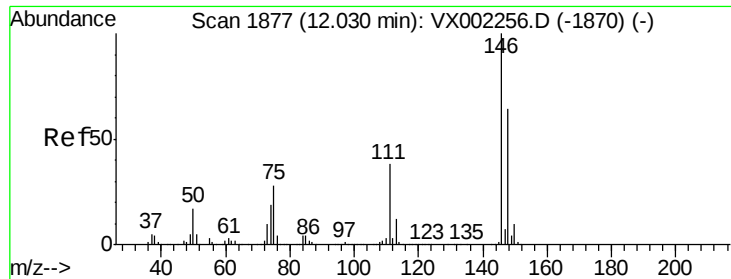


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

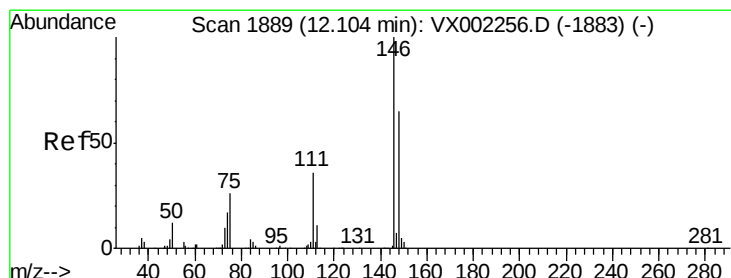
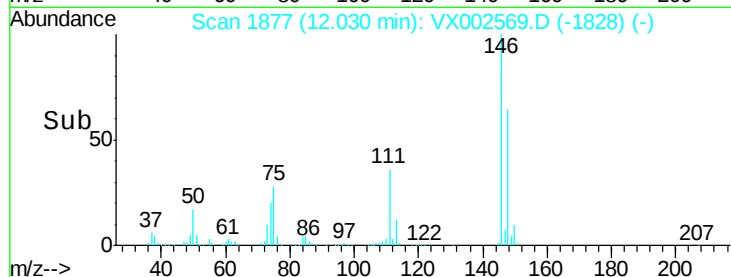
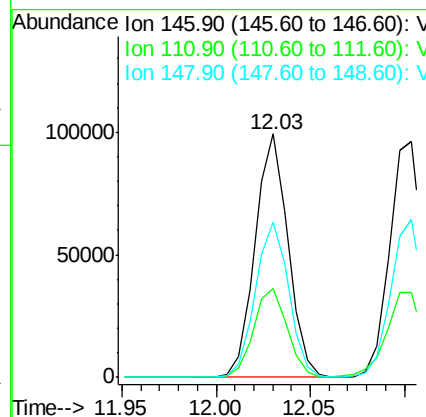
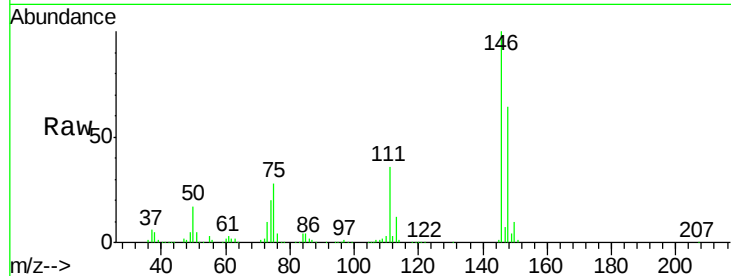




#87
 1,3-Dichlorobenzene
 Concen: 16.73 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

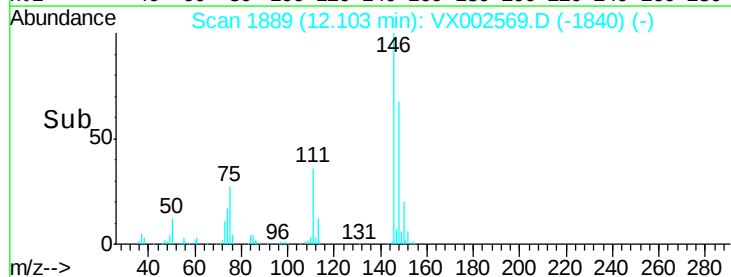
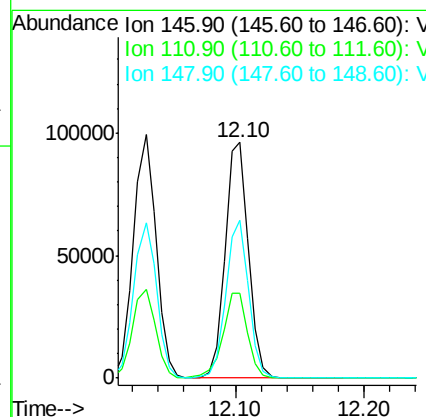
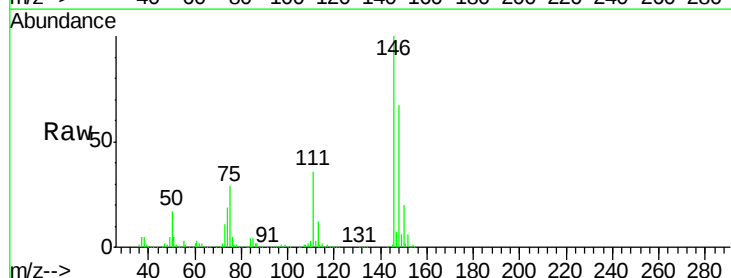
Instrument :
 MSVOA_X
 ClientSampled :

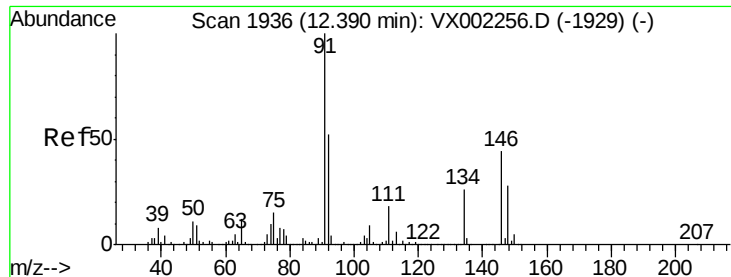
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 16.49 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	65.3	32.4	97.0





#89

n-Butylbenzene

Concen: 16.57 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

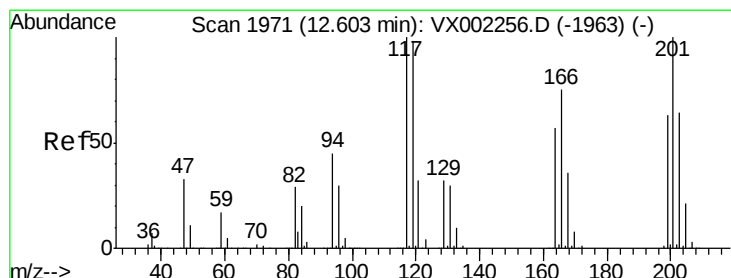
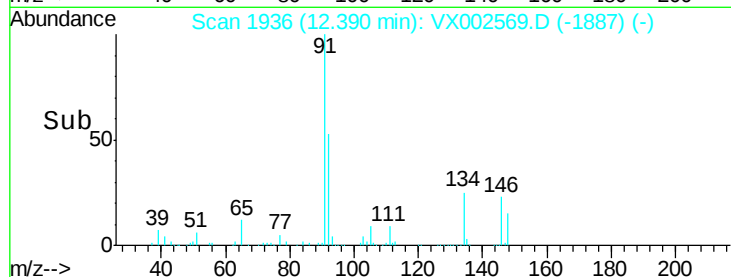
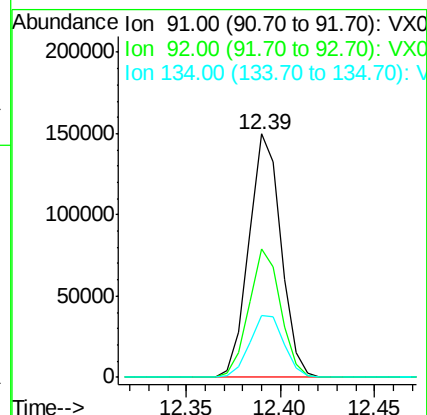
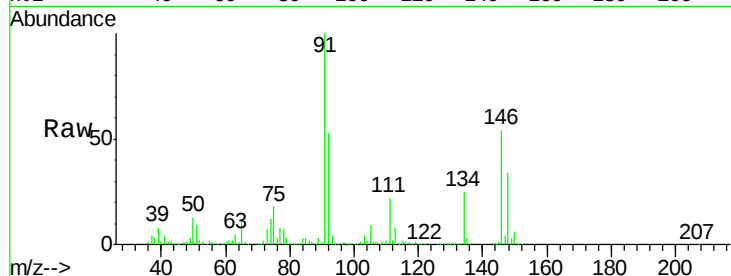
Tot Ion: 91 Resp: 177436

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 14.60 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002569.D

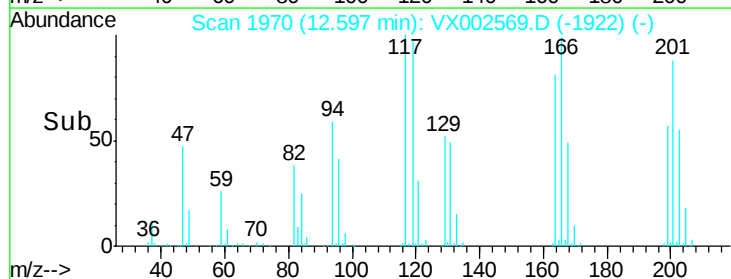
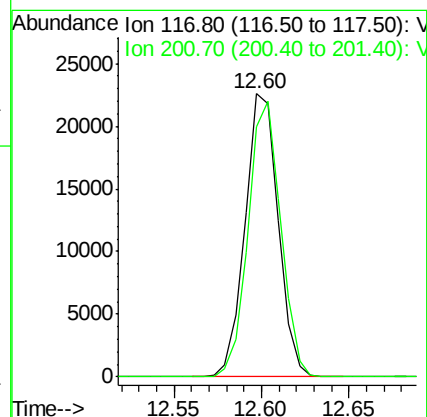
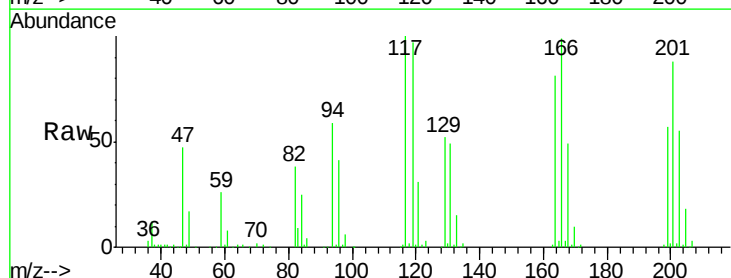
Acq: 14 Jun 2018 23:51

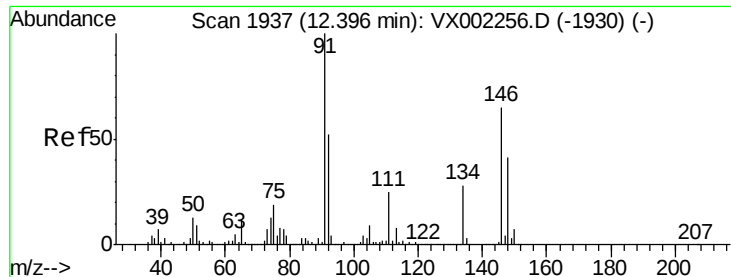
Tgt Ion: 117 Resp: 29750

Ion Ratio Lower Upper

117 100

201 95.2 49.0 147.0

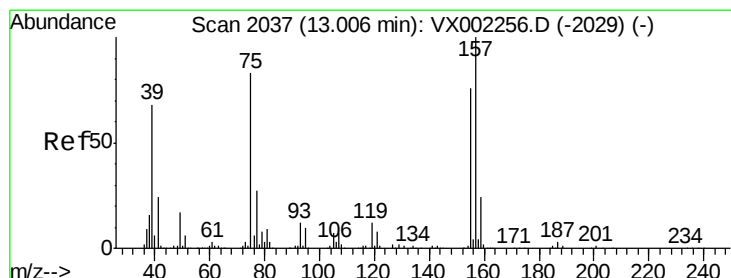
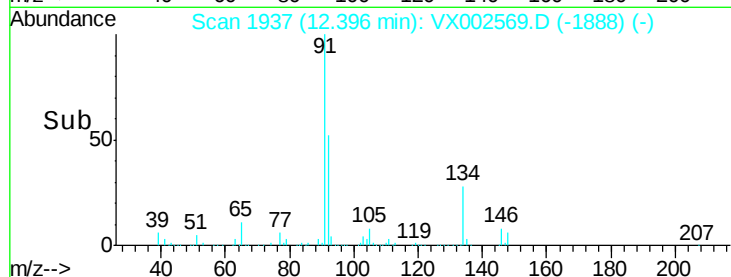
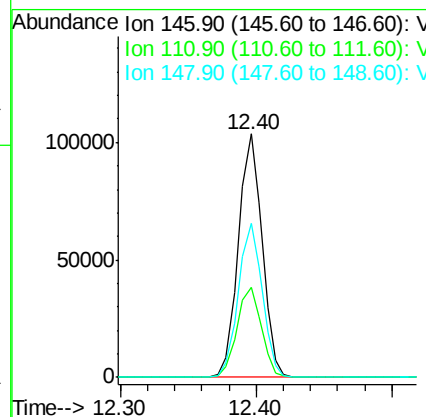
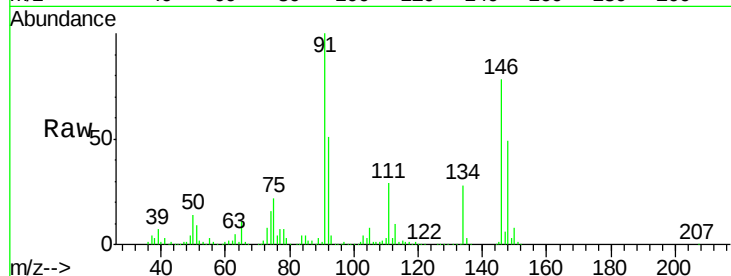




#91
 1,2-Dichlorobenzene
 Concen: 16.96 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

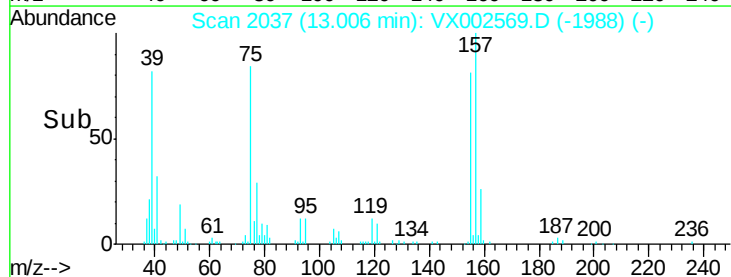
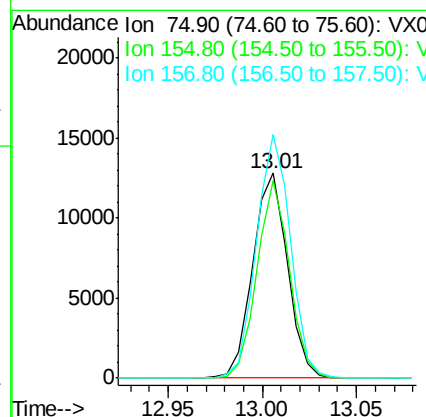
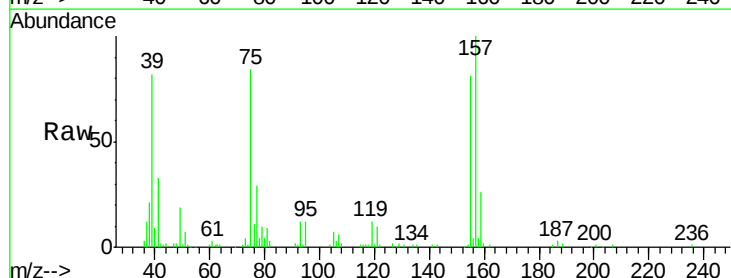
Instrument :
 MSVOA_X
 ClientSampleId :

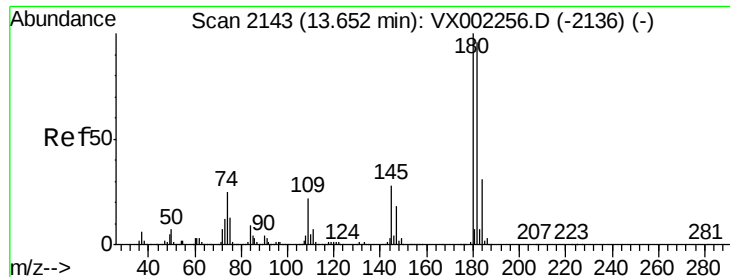
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	63.8	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.61 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	45.8	137.4
157	116.1	60.1	180.3

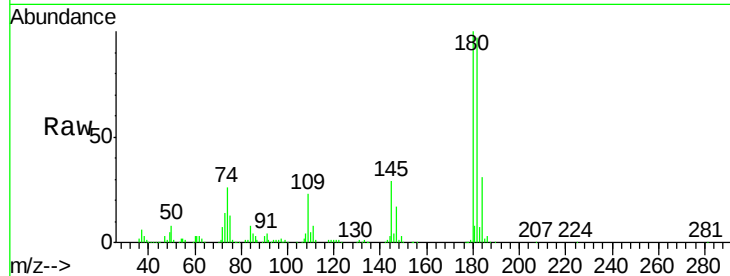




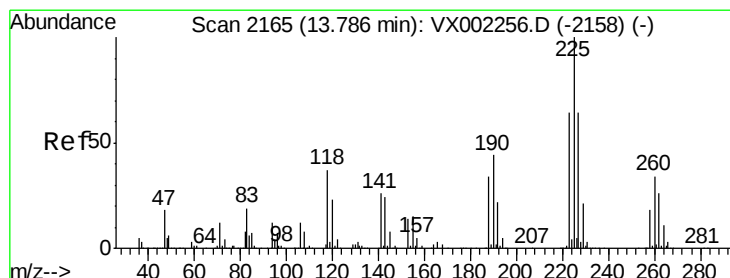
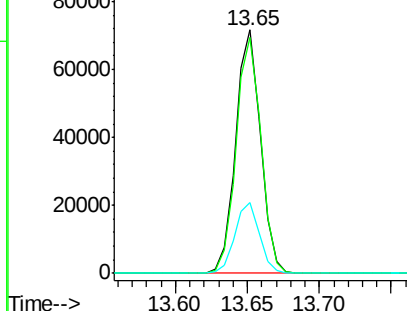
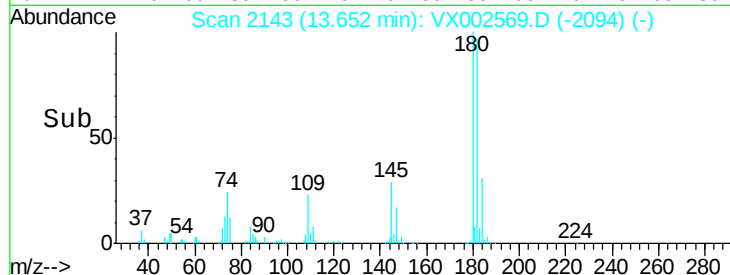
#93
 1,2,4-Trichlorobenzene
 Concen: 16.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	180	Resp	86200
Ion Ratio	100	Lower	Upper
182	97.0	47.7	143.1
145	29.0	14.1	42.4

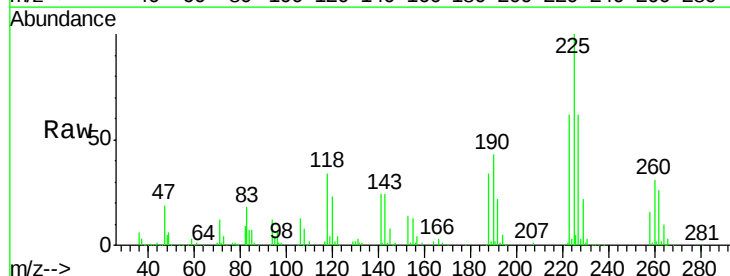


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

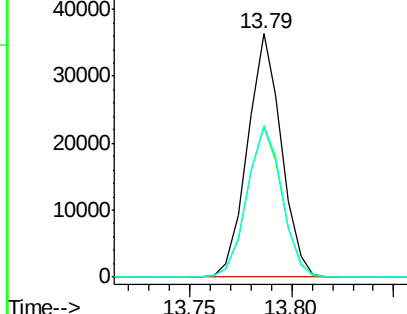
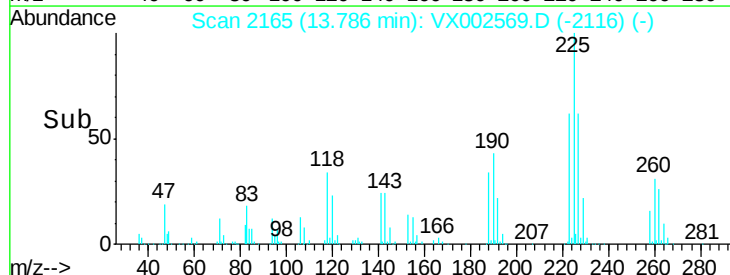


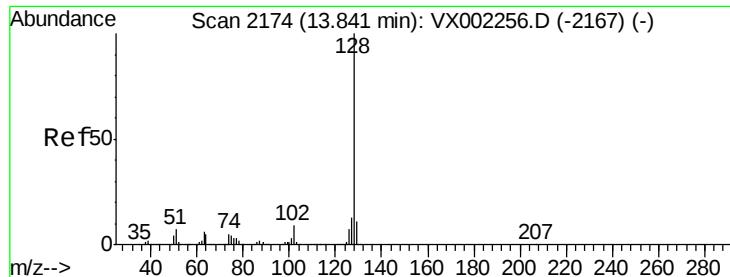
#94
 Hexachlorobutadiene
 Concen: 16.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	225	Resp	41843
Ion Ratio	100	Lower	Upper
223	63.5	31.6	95.0
227	64.0	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

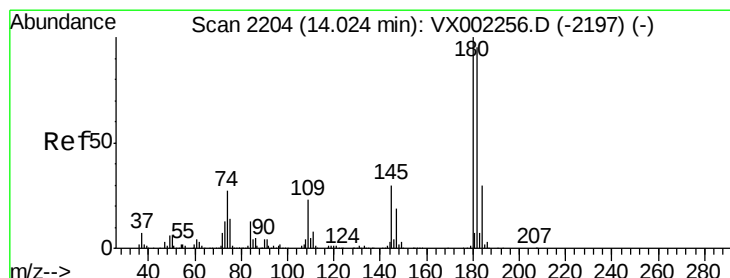
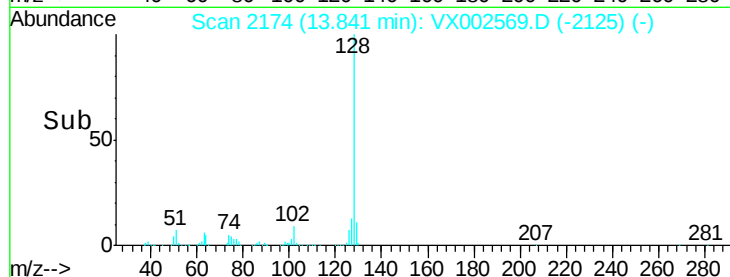
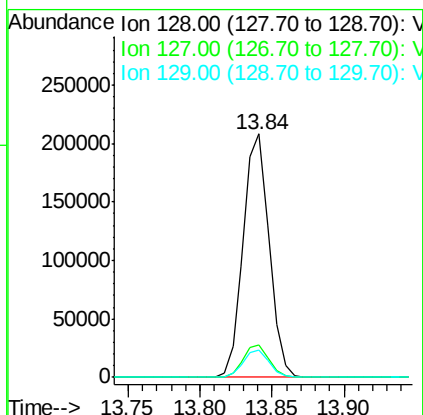
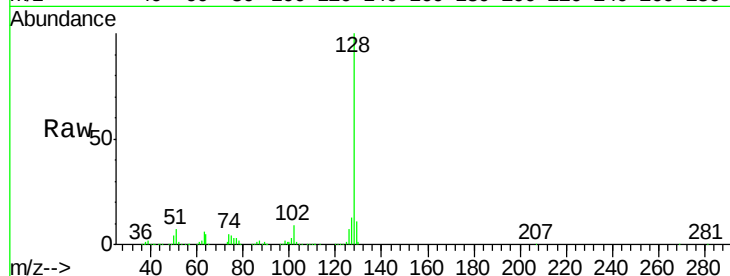




#95
Naphthalene
Concen: 17.41 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 260757
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.40 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion:180 Resp: 92494
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.0
145 29.8 14.8 44.3

