

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002513.D
 Acq On : 13 Jun 2018 17:12
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:46:06 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	216378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190120	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144003	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.51	113	111642	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.72	98	428024	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	161541	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	45687	20.31	ug/l	99
3) Chloromethane	1.32	50	52856	18.71	ug/l	99
4) Vinyl Chloride	1.40	62	59696	21.06	ug/l	100
5) Bromomethane	1.64	94	32853	18.37	ug/l	98
6) Chloroethane	1.73	64	39085	21.31	ug/l	98
7) Trichlorofluoromethane	1.93	101	104774	24.26	ug/l	97
8) Diethyl Ether	2.19	74	37021	22.82	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61097	26.21	ug/l	98
10) Methyl Iodide	2.51	142	58683	17.90	ug/l	98
11) Tert butyl alcohol	3.07	59	72833	103.23	ug/l	97
12) 1,1-Dichloroethene	2.37	96	51261	22.25	ug/l	98
13) Acrolein	2.29	56	18453	52.35	ug/l	98
14) Allyl chloride	2.73	41	100867	20.18	ug/l	98
15) Acrylonitrile	3.15	53	159003	115.53	ug/l	99
16) Acetone	2.45	43	167327	115.42	ug/l	98
17) Carbon Disulfide	2.57	76	104895	17.28	ug/l	99
18) Methyl Acetate	2.78	43	79570	24.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	195977	23.15	ug/l	97
20) Methylene Chloride	2.86	84	60318	23.17	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	54820	21.58	ug/l	100
22) Diisopropyl ether	3.87	45	206985	24.01	ug/l	95
23) Vinyl Acetate	3.82	43	892379	110.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111035	22.47	ug/l	99
25) 2-Butanone	4.70	43	202561	95.48	ug/l	98
26) 2,2-Dichloropropane	4.59	77	73905	19.14	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	54405	19.69	ug/l	99
28) Bromochloromethane	5.02	49	46584	20.04	ug/l	98
29) Tetrahydrofuran	5.17	42	125454	91.72	ug/l	97
30) Chloroform	5.22	83	99012	20.77	ug/l	98
31) Cyclohexane	5.57	56	80575	20.62	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	81885	20.25	ug/l	98
36) 1,1-Dichloropropene	5.80	75	68618	21.61	ug/l	98
37) Ethyl Acetate	4.86	43	79277	20.76	ug/l	99
38) Carbon Tetrachloride	5.79	117	72097	21.70	ug/l	97

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 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	84607	21.72	ug/l	98
40) Benzene	6.15	78	209386	21.51	ug/l	99
41) Methacrylonitrile	5.06	41	44980	20.58	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82916	21.44	ug/l	100
43) Isopropyl Acetate	6.46	43	129850	20.02	ug/l	100
44) Trichloroethene	7.21	130	60080	22.24	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57178	21.76	ug/l	97
46) Dibromomethane	7.67	93	37230	20.90	ug/l	98
47) Bromodichloromethane	7.90	83	68052	21.12	ug/l	99
48) Methyl methacrylate	7.78	41	66728	20.48	ug/l	98
49) 1,4-Dioxane	7.76	88	25331	415.85	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	431597	106.86	ug/l	99
52) Toluene	8.79	92	136694	22.08	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79352	20.53	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	72230	19.81	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56628	22.24	ug/l	98
56) Ethyl methacrylate	9.18	69	84319	20.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	93042	21.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	155709	82.74	ug/l	100
59) 2-Hexanone	9.50	43	330833	106.05	ug/l	99
60) Dibromochloromethane	9.59	129	53024	20.70	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57762	21.75	ug/l	100
64) Tetrachloroethene	9.34	164	69402	23.02	ug/l	96
65) Chlorobenzene	10.14	112	158574	21.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55389	21.03	ug/l	99
67) Ethyl Benzene	10.26	91	272616	22.39	ug/l	99
68) m/p-Xylenes	10.36	106	209215	44.21	ug/l	99
69) o-Xylene	10.70	106	101010	21.45	ug/l	100
70) Styrene	10.71	104	168556	21.89	ug/l	99
71) Bromoform	10.86	173	38142	18.51	ug/l #	99
73) Isopropylbenzene	11.02	105	285013	21.55	ug/l	99
74) N-amyl acetate	6.46	43	129850	18.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82984	19.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93607	22.44	ug/l	81
77) Bromobenzene	11.26	156	75773	20.41	ug/l	99
78) n-propylbenzene	11.37	91	329082	22.39	ug/l	100
79) 2-Chlorotoluene	11.43	91	191789	20.66	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241221	21.26	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19895	16.72	ug/l	88
82) 4-Chlorotoluene	11.51	91	228549	21.33	ug/l	100
83) tert-Butylbenzene	11.77	119	232815	21.08	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247946	21.23	ug/l	99
85) sec-Butylbenzene	11.95	105	299480	23.13	ug/l	100
86) p-Isopropyltoluene	12.07	119	268885	22.79	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140971	21.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143946	21.04	ug/l	100
89) n-Butylbenzene	12.39	91	240382	24.30	ug/l	99
90) Hexachloroethane	12.60	117	35959	19.10	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	143857	20.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16937	18.62	ug/l	97

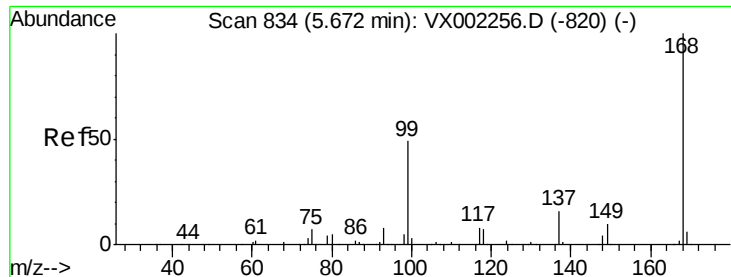
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106911	22.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	59914	25.17	ug/l	98
95) Naphthalene	13.84	128	286493	20.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107355	21.86	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: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

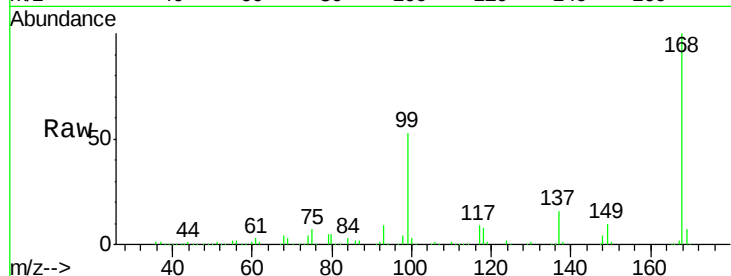
ClientSampleId :

Tot Ion:168 Resp: 216378

Ion Ratio Lower Upper

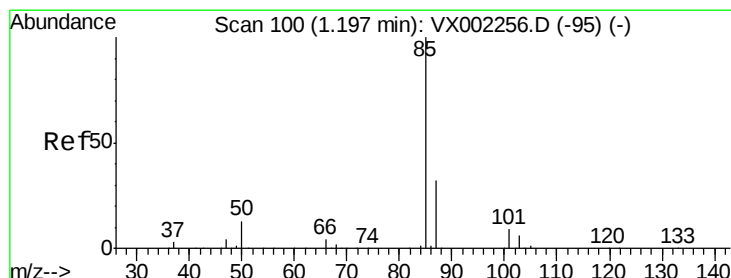
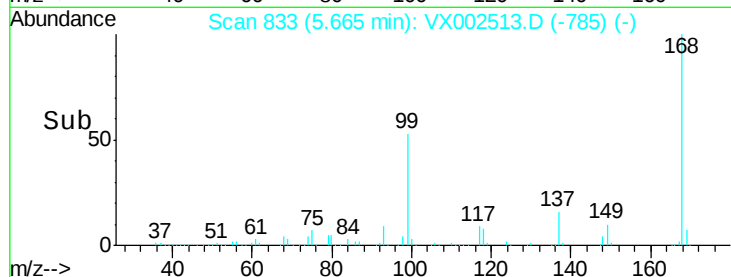
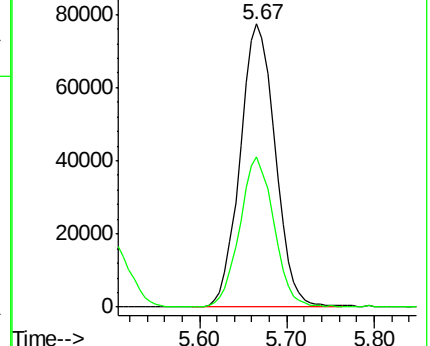
168 100

99 52.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002513.D

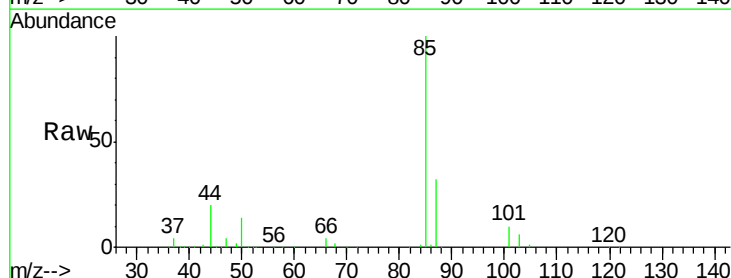
Acq: 13 Jun 2018 17:12

Tgt Ion: 85 Resp: 45687

Ion Ratio Lower Upper

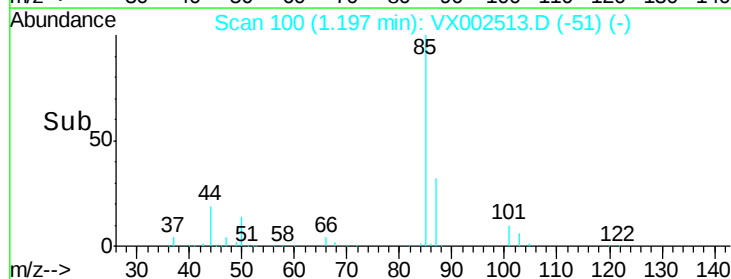
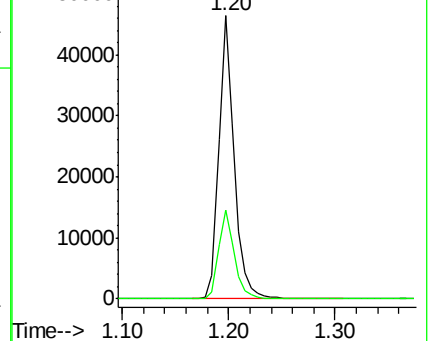
85 100

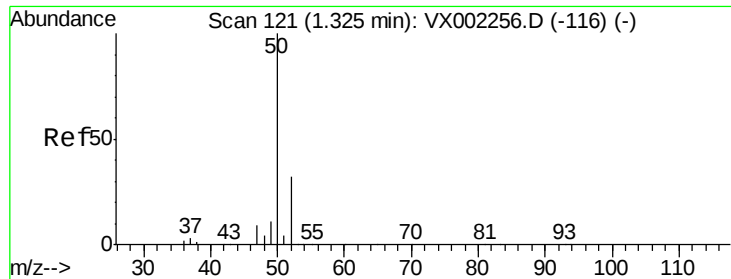
87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

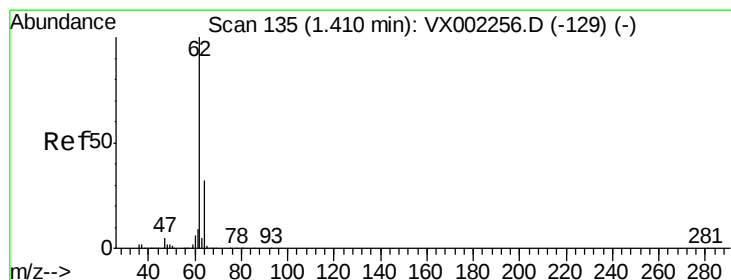
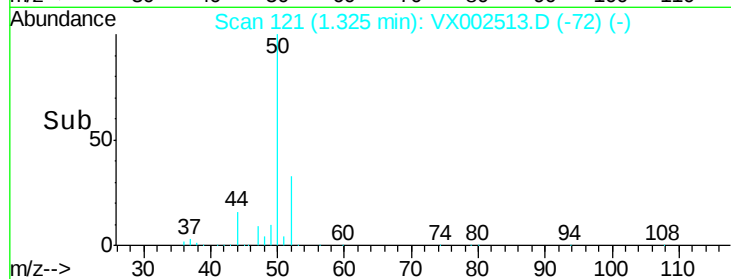
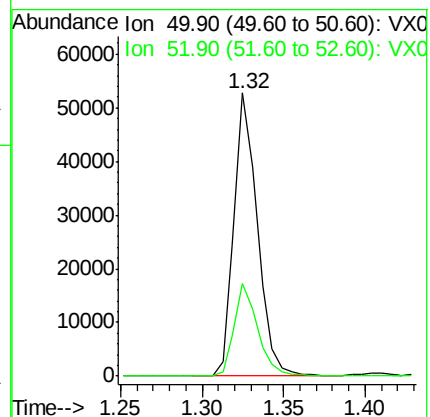
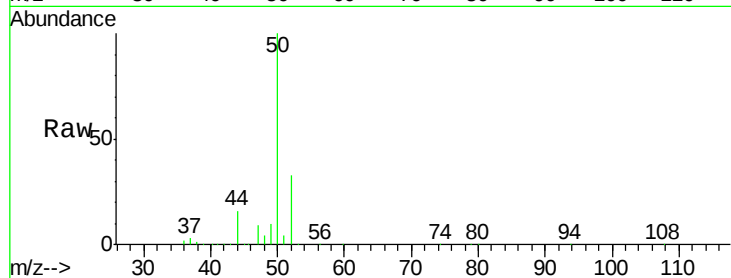
ClientSampled :

Tot Ion: 50 Resp: 52856

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 21.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002513.D

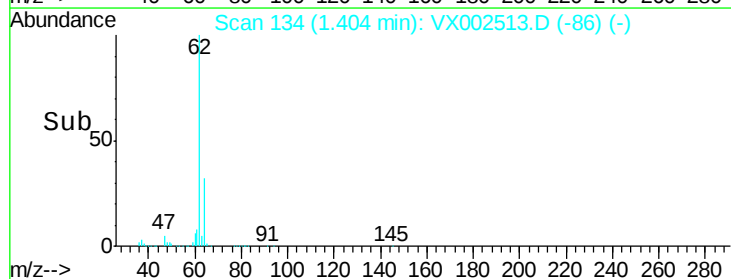
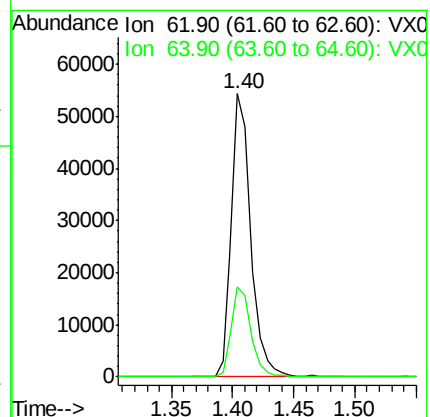
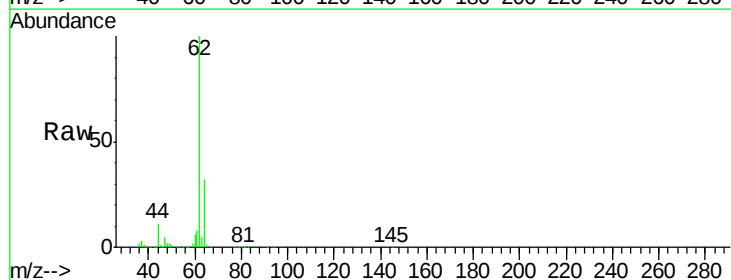
Acq: 13 Jun 2018 17:12

Tgt Ion: 62 Resp: 59696

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 18.37 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

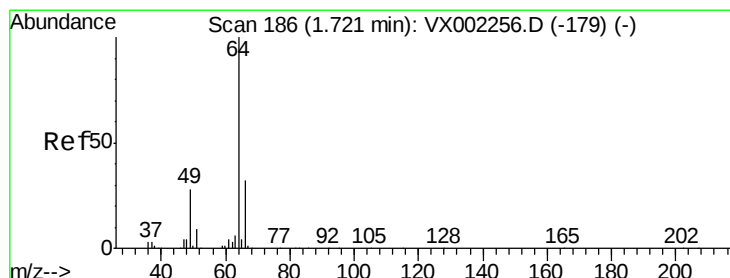
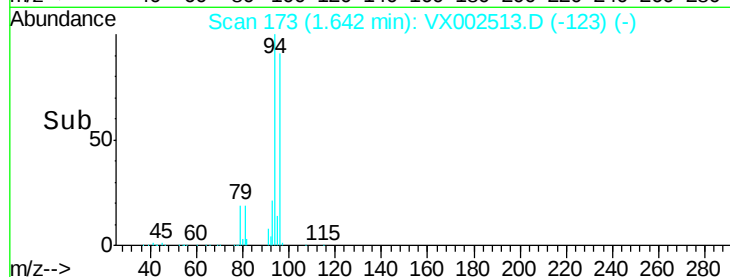
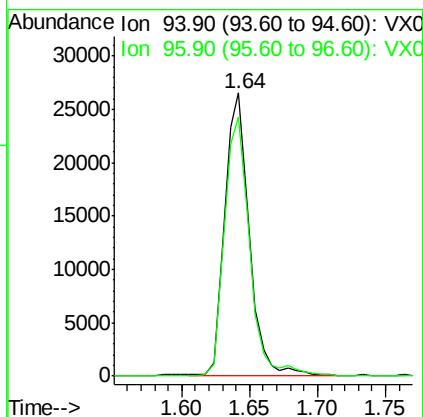
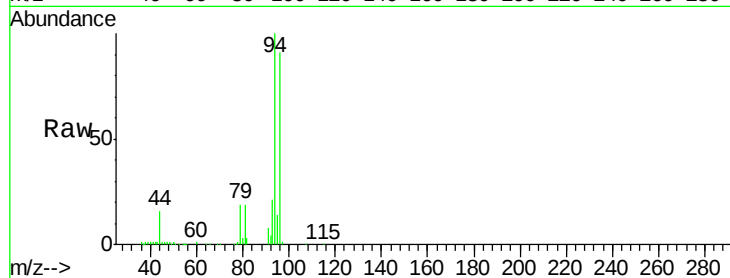
ClientSampled :

Tot Ion: 94 Resp: 32853

Ion Ratio Lower Upper

94 100

96 91.4 74.9 112.3



#6

Chloroethane

Concen: 21.31 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002513.D

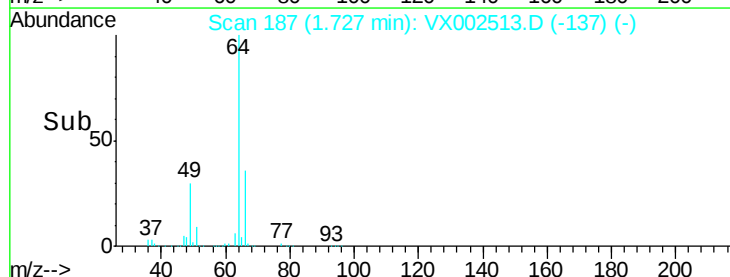
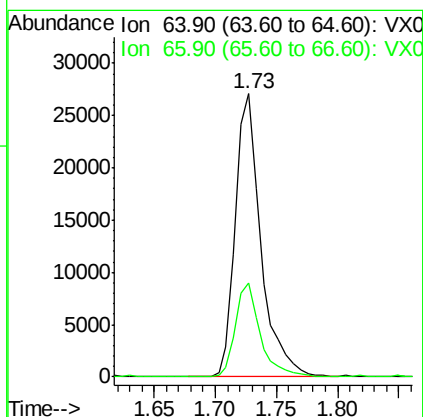
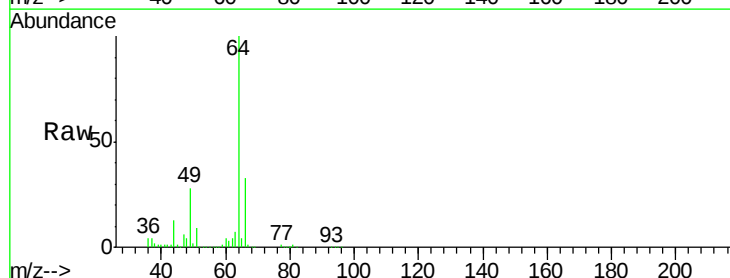
Acq: 13 Jun 2018 17:12

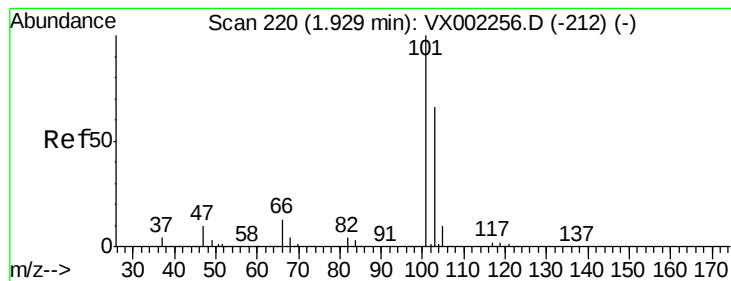
Tgt Ion: 64 Resp: 39085

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



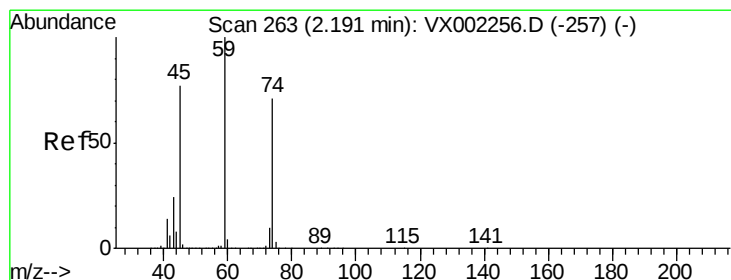
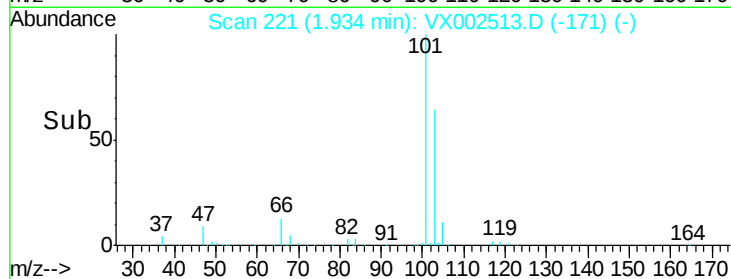
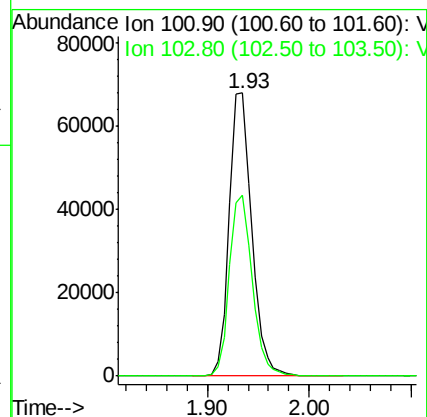
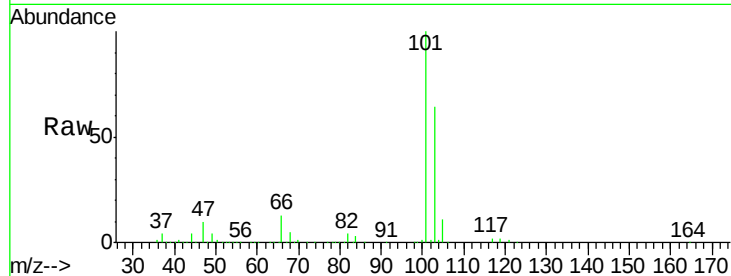


#7

Trichlorofluoromethane
 Concen: 24.26 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

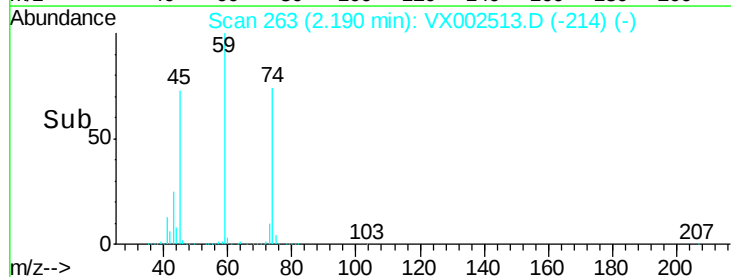
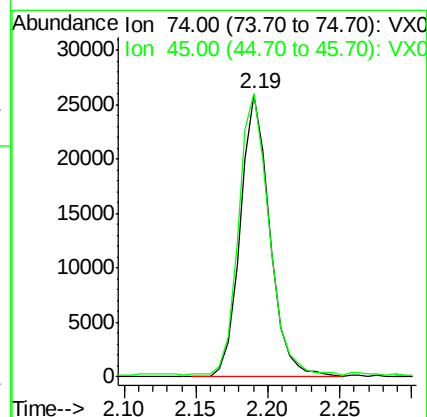
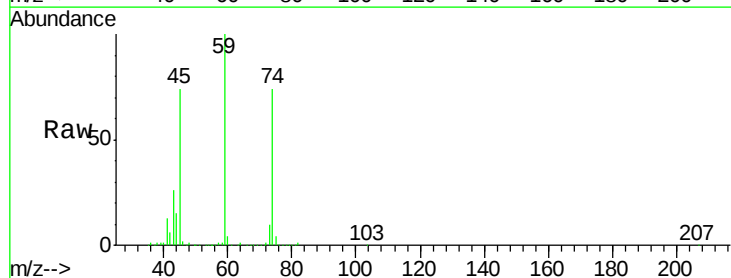
Tot Ion:101 Resp: 104774
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2

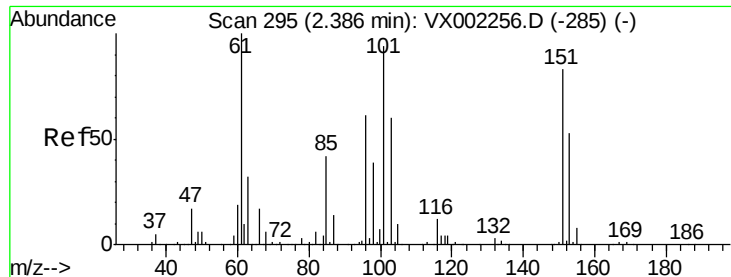


#8

Diethyl Ether
 Concen: 22.82 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion: 74 Resp: 37021
 Ion Ratio Lower Upper
 74 100
 45 102.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.21 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

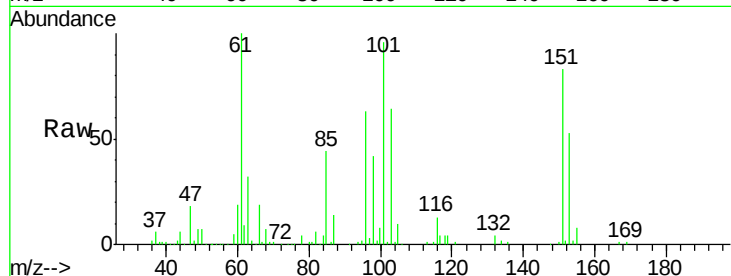
Tot Ion:101 Resp: 61097

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

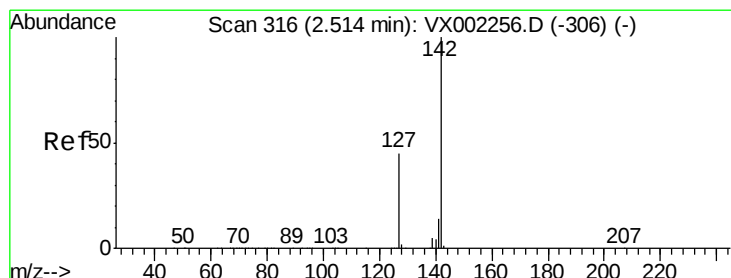
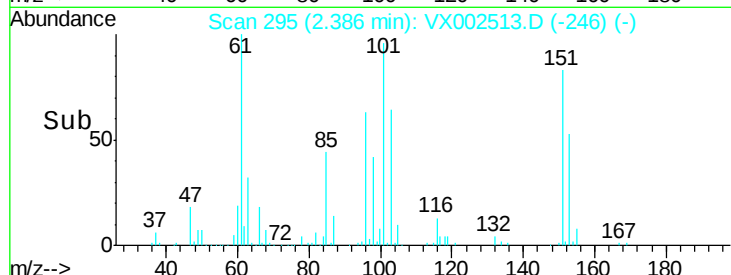
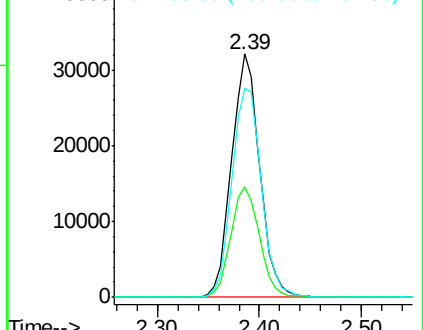
151 90.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.90 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

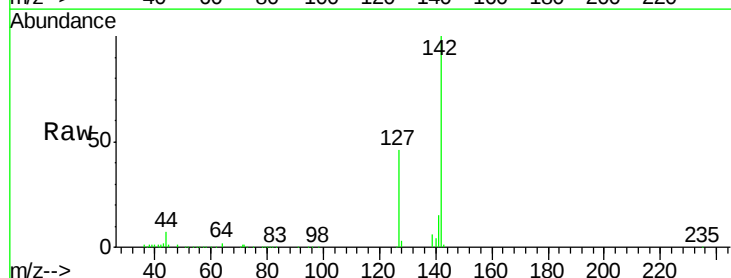
Tgt Ion:142 Resp: 58683

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

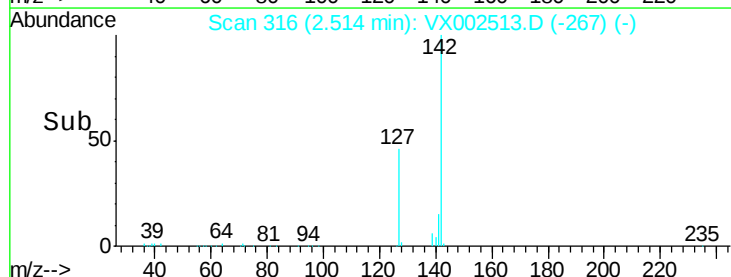
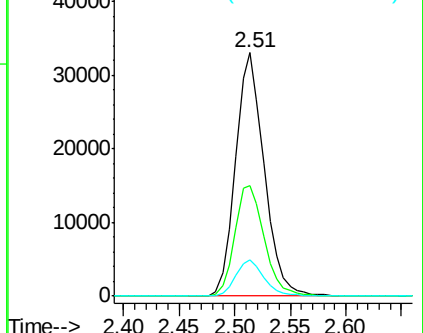
141 15.0 11.3 16.9



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



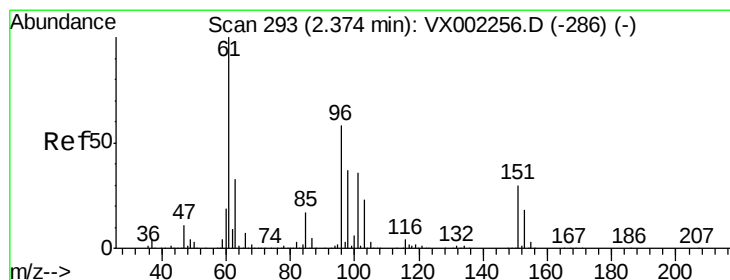
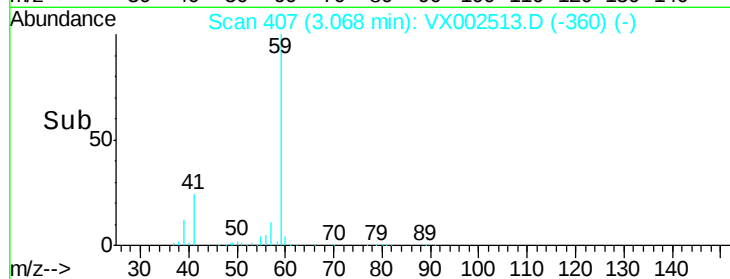
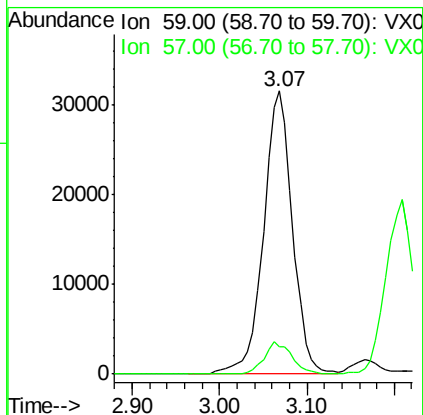
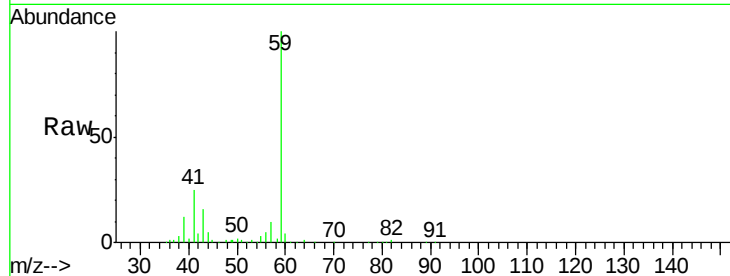


#11

Tert butyl alcohol
Concen: 103.23 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

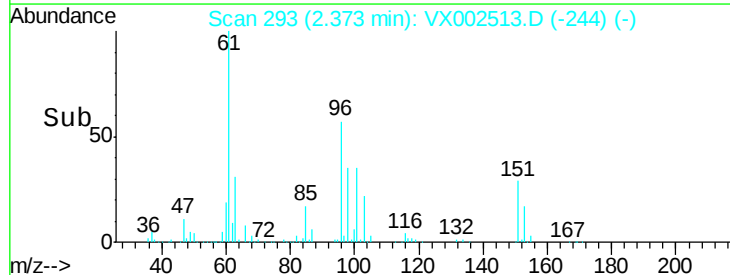
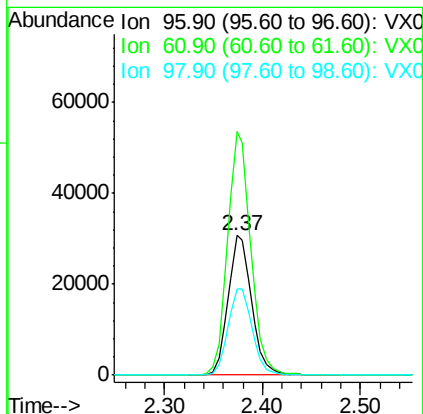
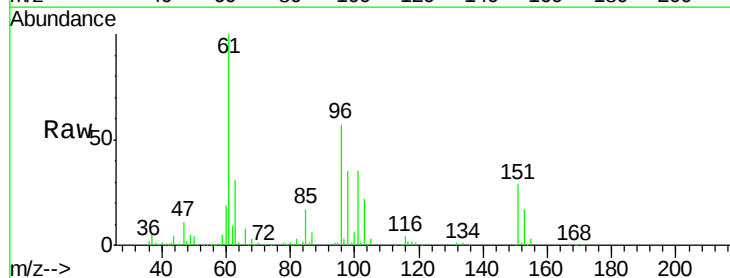
Tot Ion: 59 Resp: 72833
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2

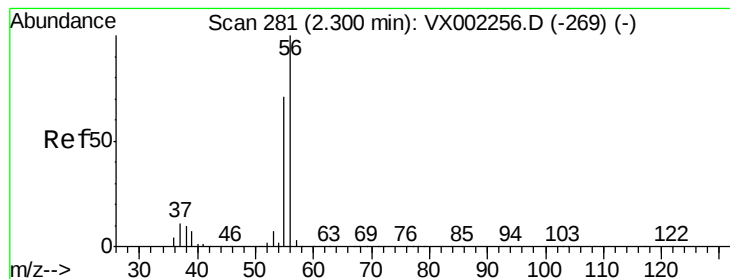


#12

1,1-Dichloroethene
Concen: 22.25 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 96 Resp: 51261
Ion Ratio Lower Upper
96 100
61 174.4 137.9 206.9
98 61.4 51.6 77.4





#13

Acrolein

Concen: 52.35 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

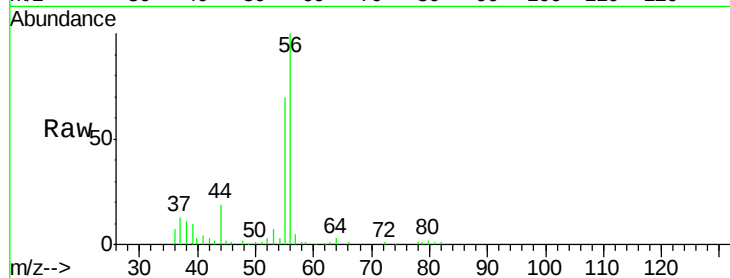
ClientSampleId :

Tot Ion: 56 Resp: 18453

Ion Ratio Lower Upper

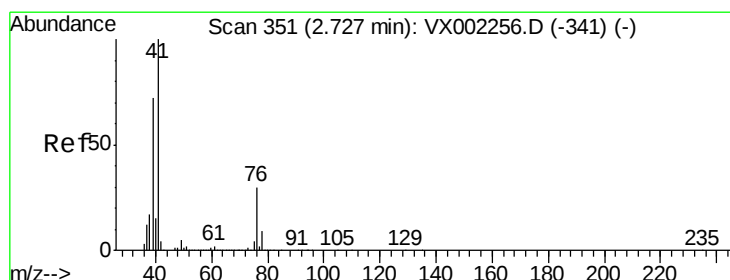
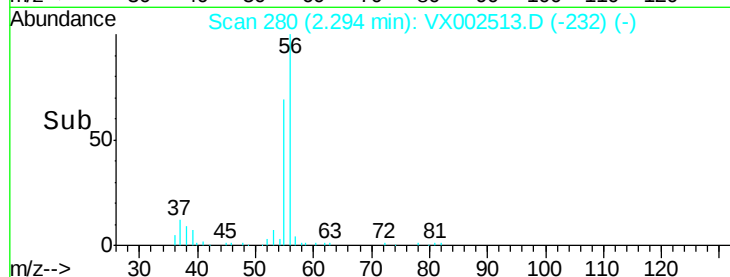
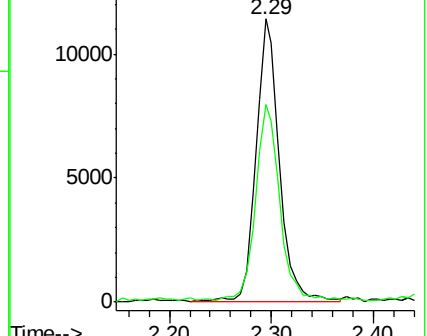
56 100

55 69.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

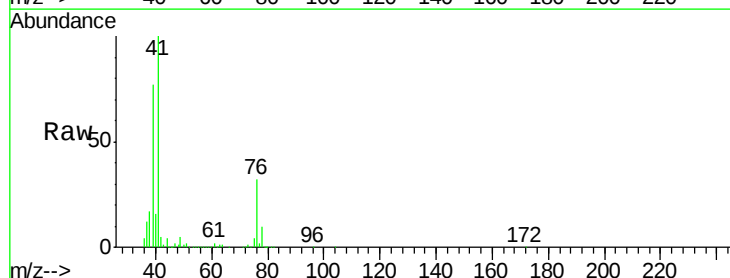
Tgt Ion: 41 Resp: 100867

Ion Ratio Lower Upper

41 100

39 73.1 56.8 85.2

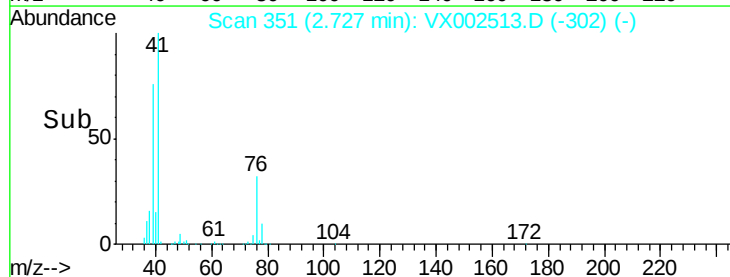
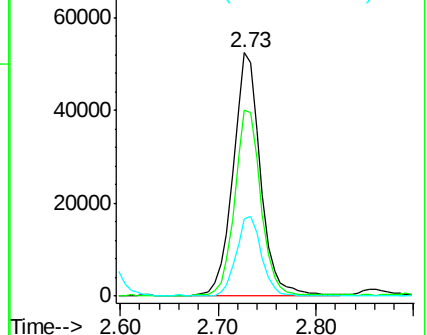
76 30.5 23.8 35.8

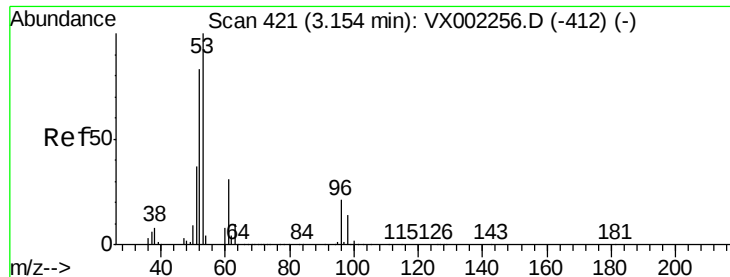


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 115.53 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

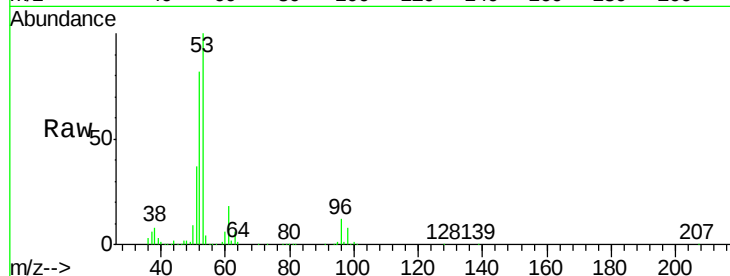
Tot Ion: 53 Resp: 159003

Ion Ratio Lower Upper

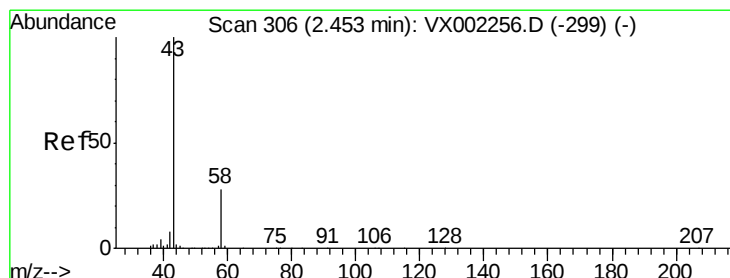
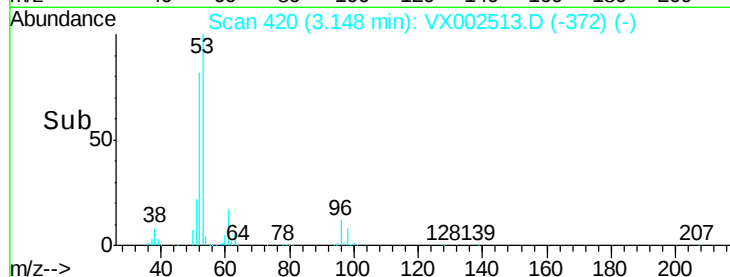
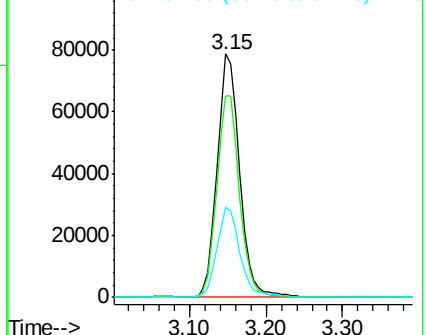
53 100

52 84.2 66.7 100.1

51 38.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 115.42 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002513.D

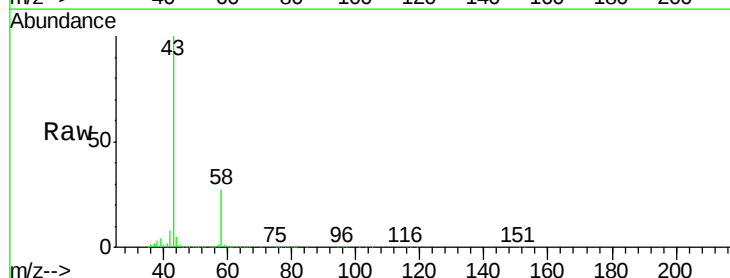
Acq: 13 Jun 2018 17:12

Tgt Ion: 43 Resp: 167327

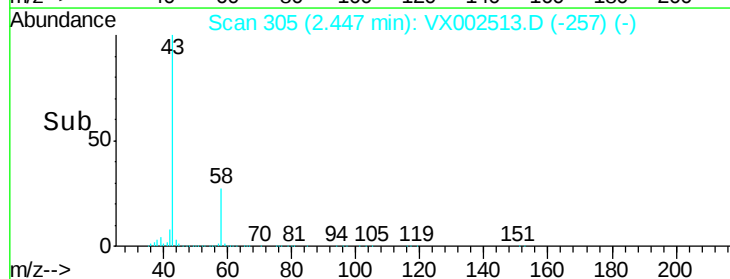
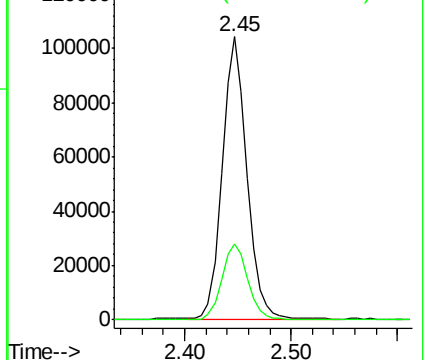
Ion Ratio Lower Upper

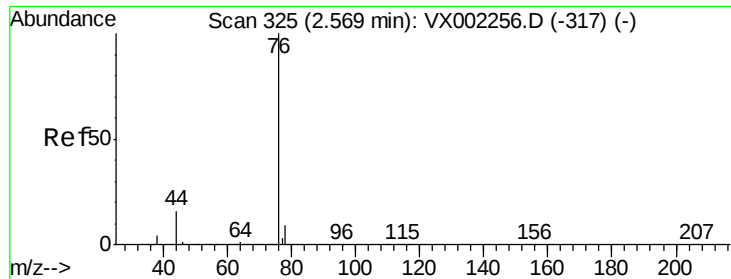
43 100

58 26.7 22.1 33.1



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

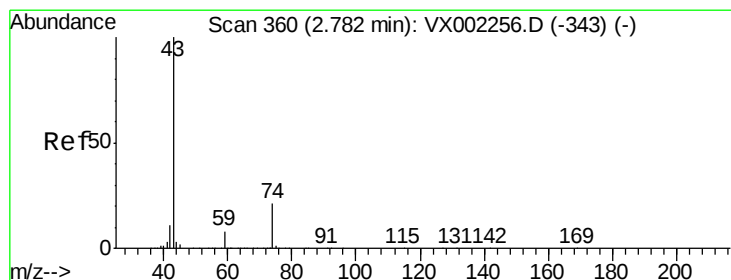
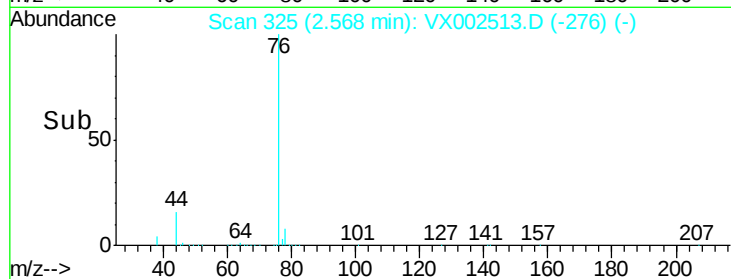
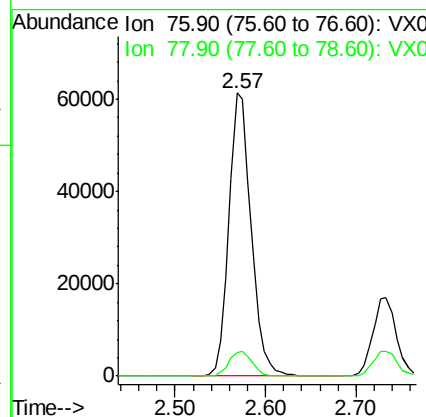
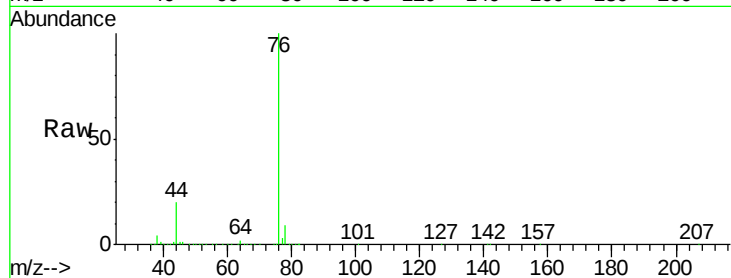




#17
Carbon Disulfide
Concen: 17.28 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

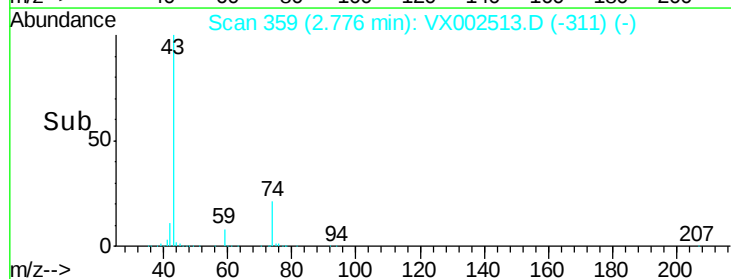
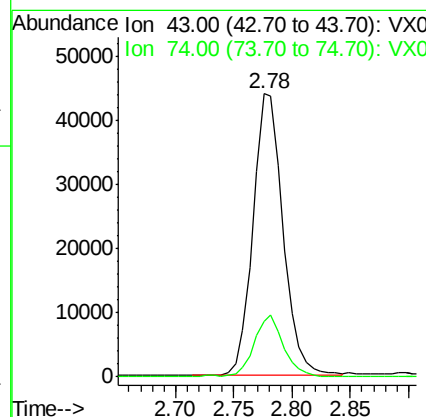
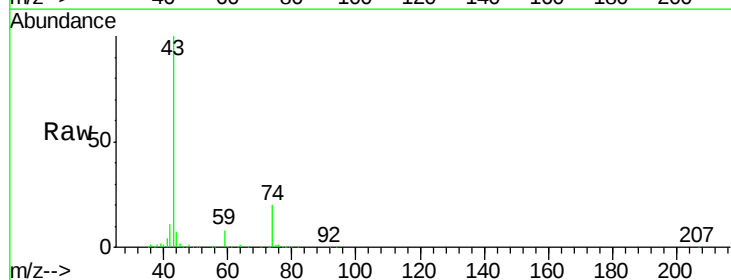
Instrument :
MSVOA_X
ClientSampleId :

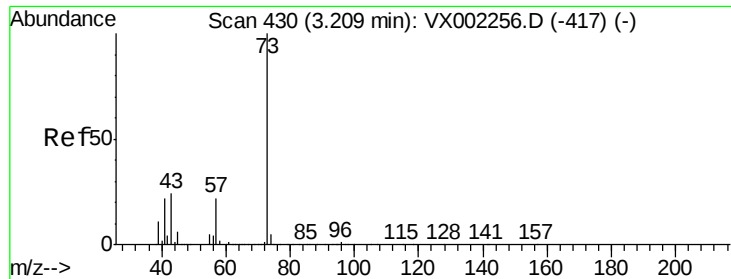
Tot Ion: 76 Resp: 104895
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#18
Methyl Acetate
Concen: 24.28 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 43 Resp: 79570
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1



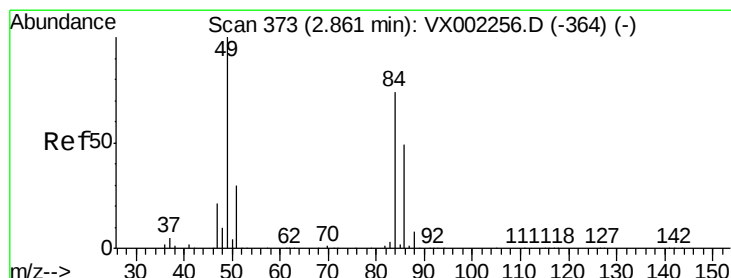
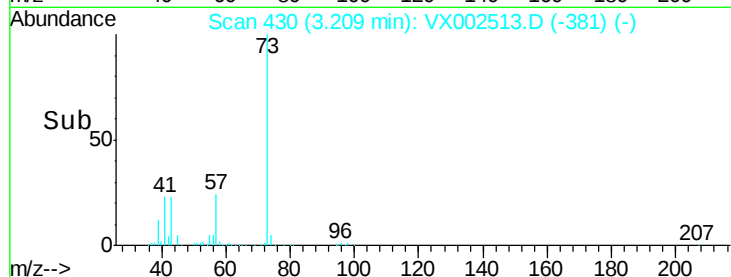
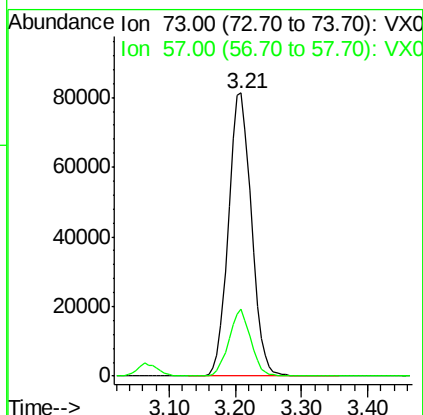
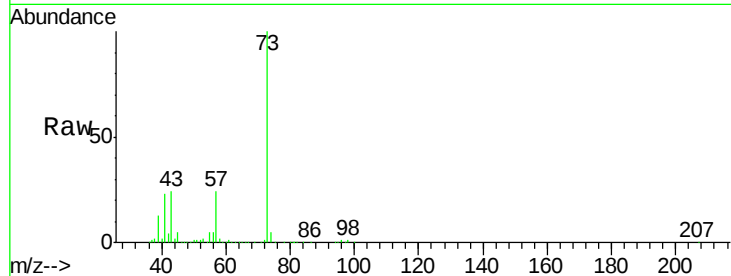


#19

Methyl tert-butyl Ether
Concen: 23.15 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

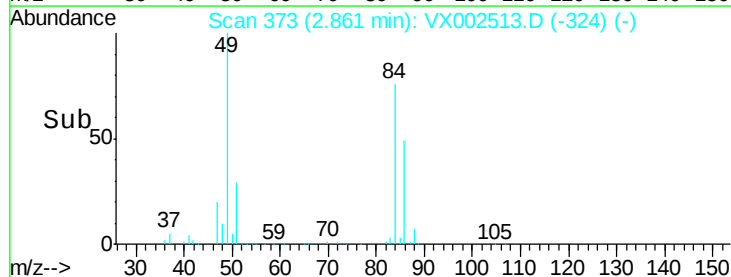
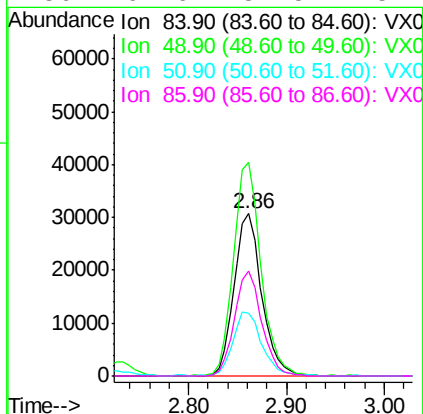
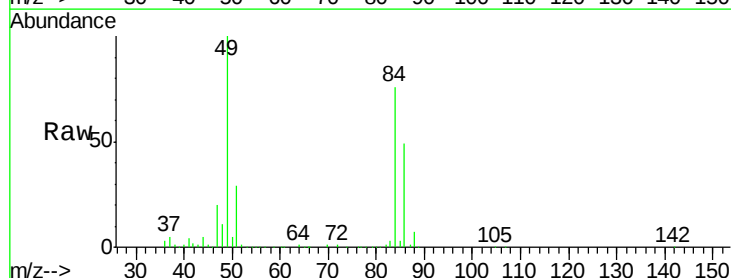
Tot Ion: 73 Resp: 195977
Ion Ratio Lower Upper
73 100
57 23.8 17.7 26.5

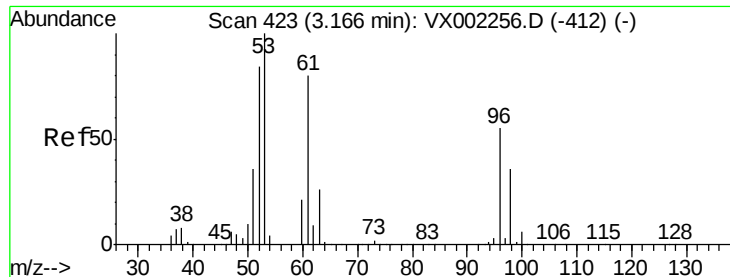


#20

Methylene Chloride
Concen: 23.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 84 Resp: 60318
Ion Ratio Lower Upper
84 100
49 131.4 107.8 161.6
51 38.6 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

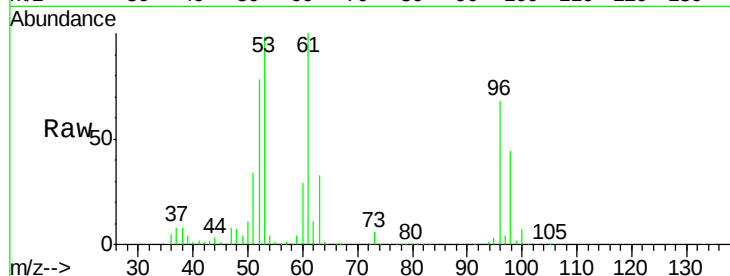
Tot Ion: 96 Resp: 54820

Ion Ratio Lower Upper

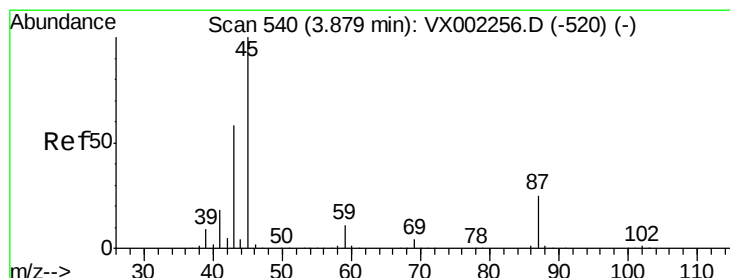
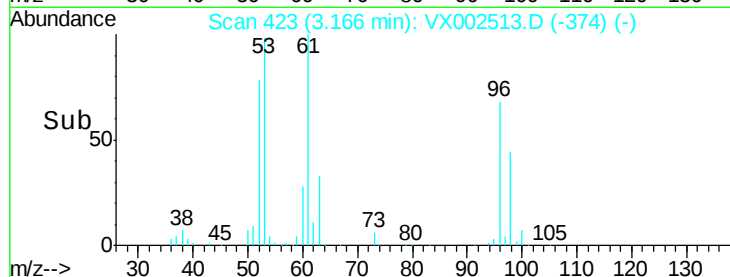
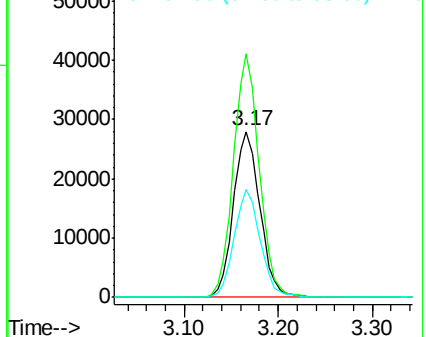
96 100

61 146.6 117.0 175.4

98 65.2 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: 24.01 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion: 45 Resp: 206985

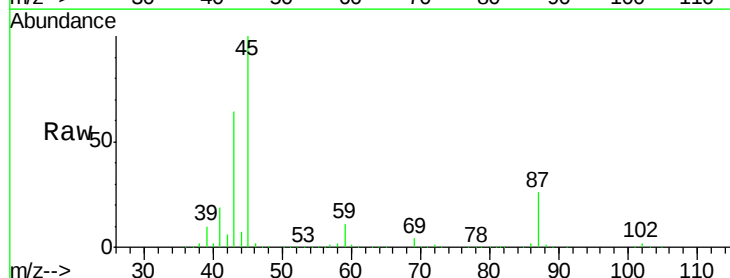
Ion Ratio Lower Upper

45 100

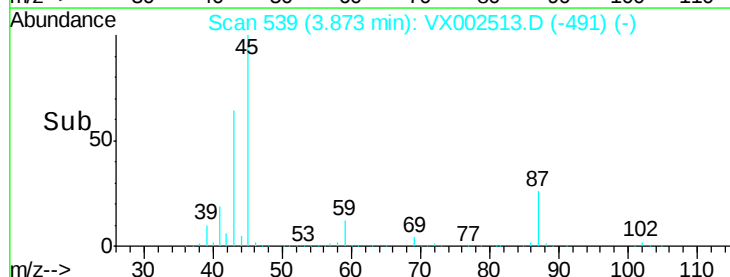
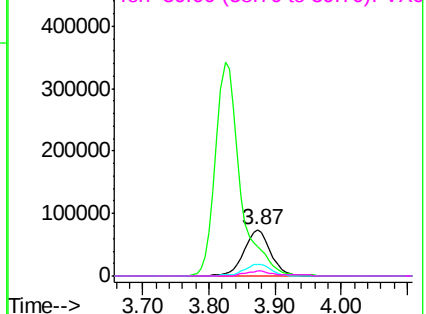
43 63.7 46.8 70.2

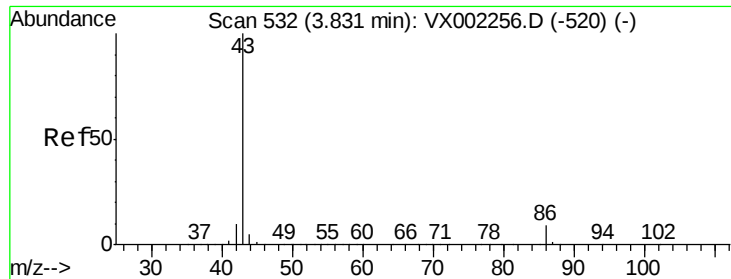
87 26.2 20.2 30.4

59 11.5 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: 110.12 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

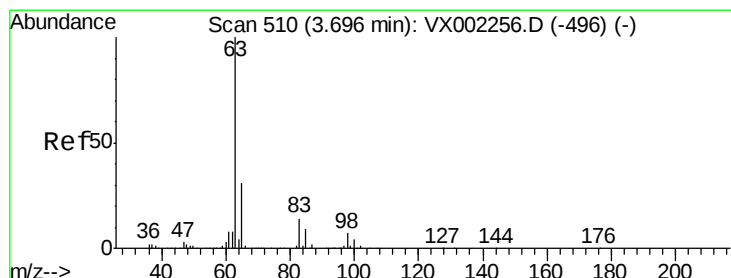
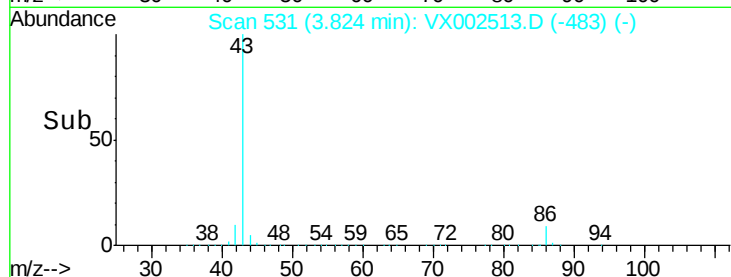
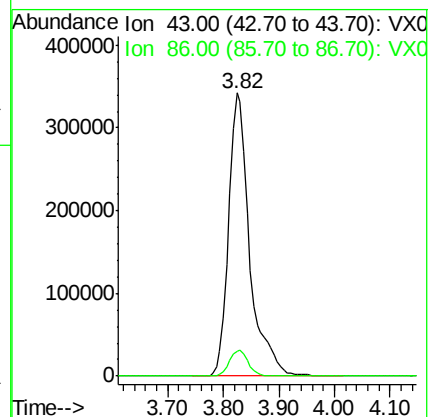
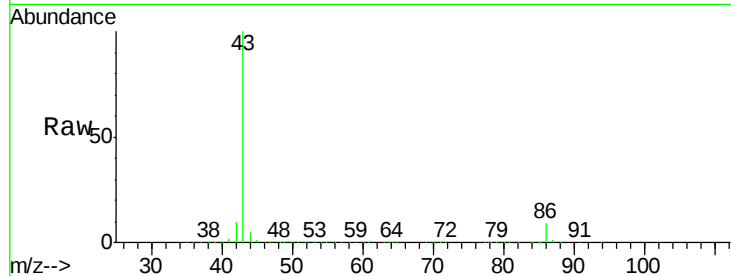
ClientSampleId :

Tot Ion: 43 Resp: 892379

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 22.47 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

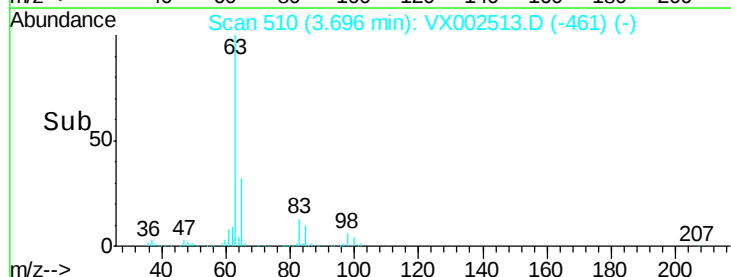
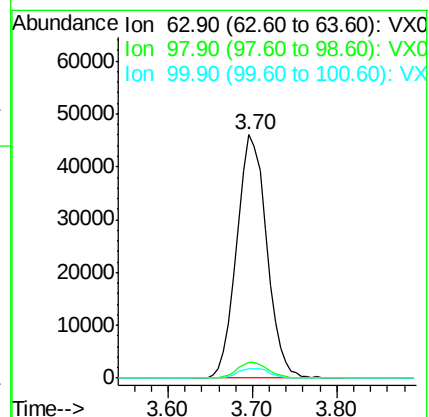
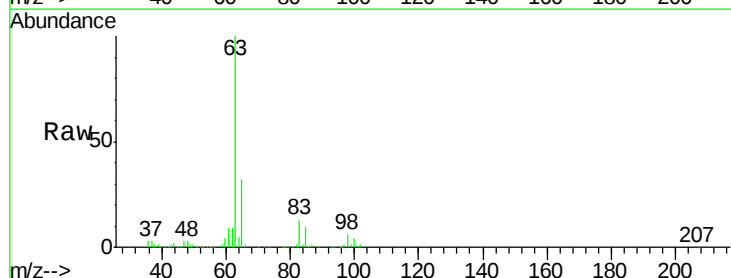
Tgt Ion: 63 Resp: 111035

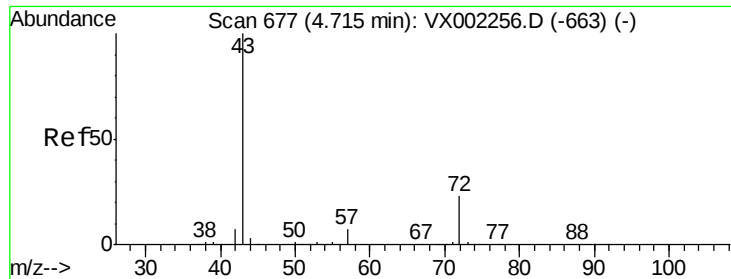
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 95.48 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

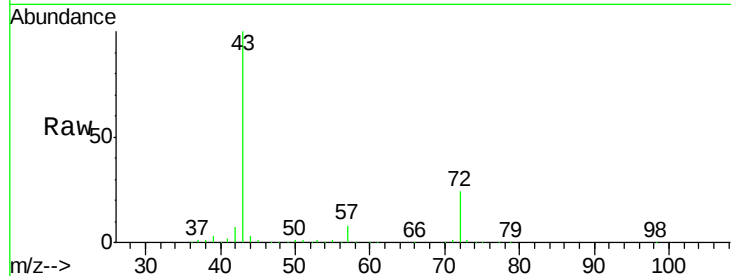
ClientSampleId :

Tot Ion: 43 Resp: 202561

Ion Ratio Lower Upper

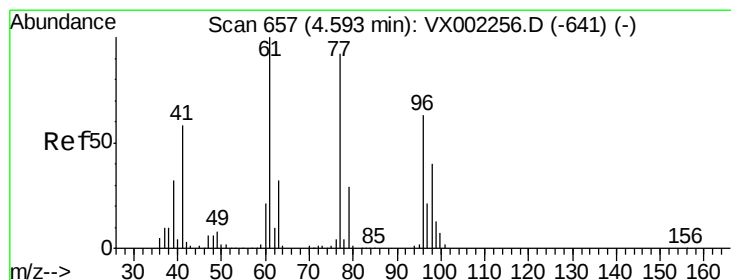
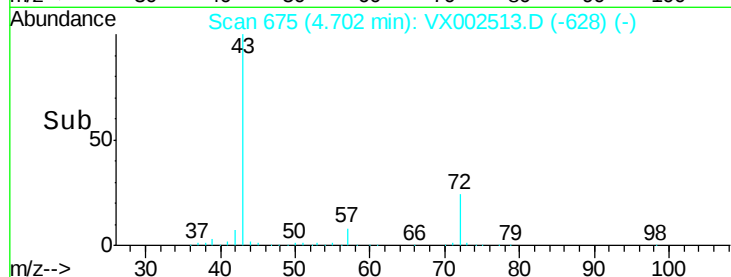
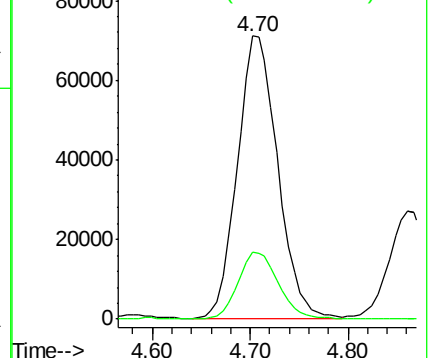
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002513.D

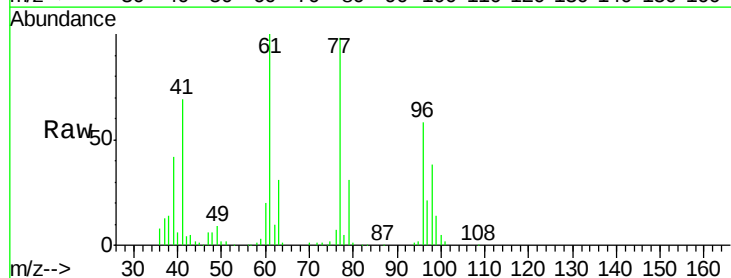
Acq: 13 Jun 2018 17:12

Tgt Ion: 77 Resp: 73905

Ion Ratio Lower Upper

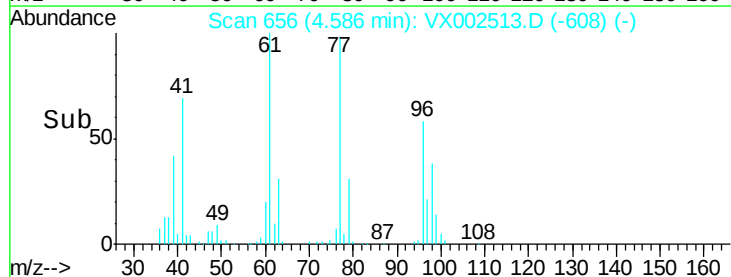
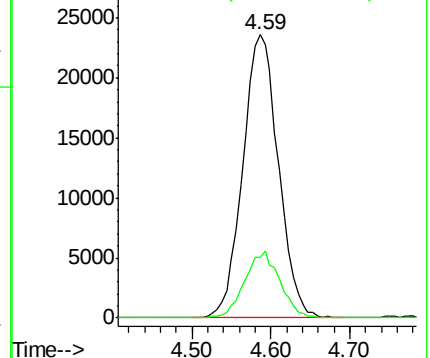
77 100

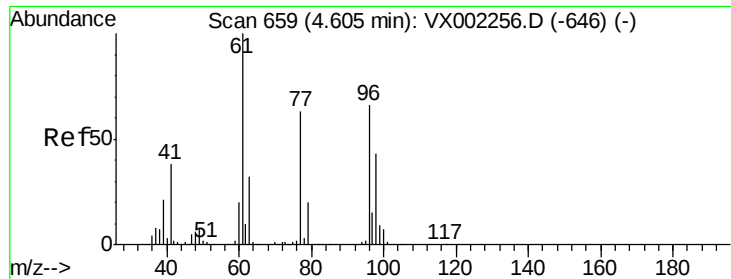
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.69 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

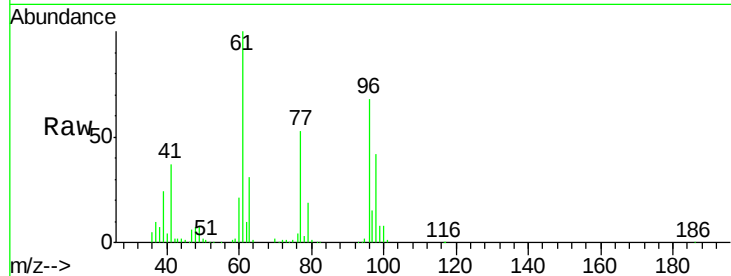
Tot Ion: 96 Resp: 54405

Ion Ratio Lower Upper

96 100

61 163.0 0.0 330.2

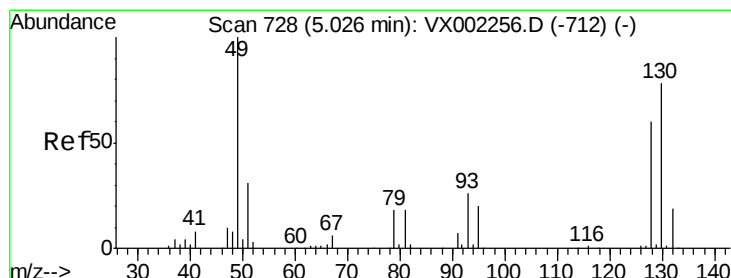
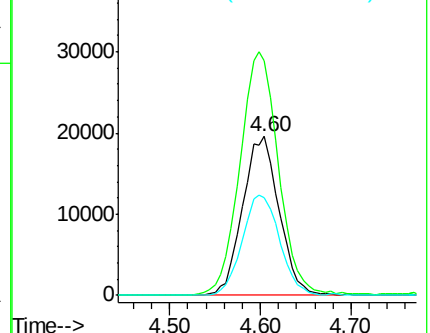
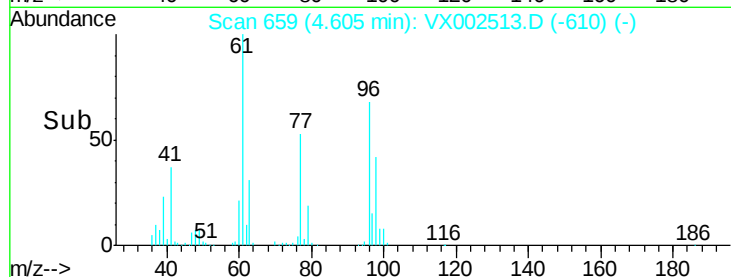
98 65.1 0.0 130.2



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: 20.04 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

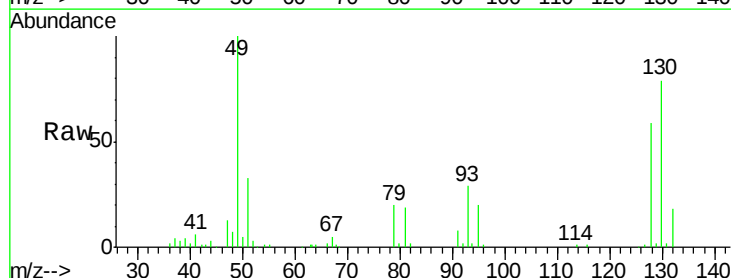
Tgt Ion: 49 Resp: 46584

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

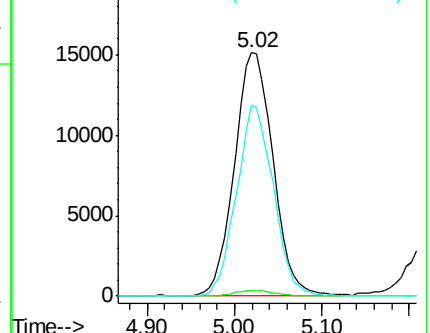
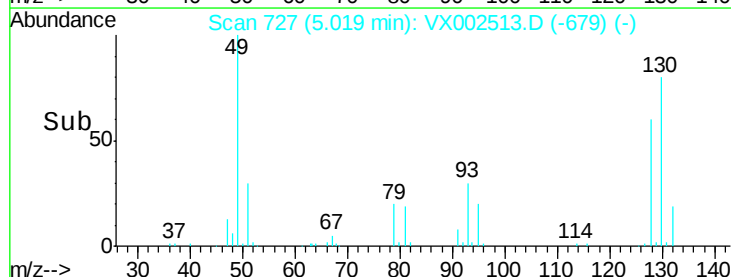
130 74.7 61.2 91.8

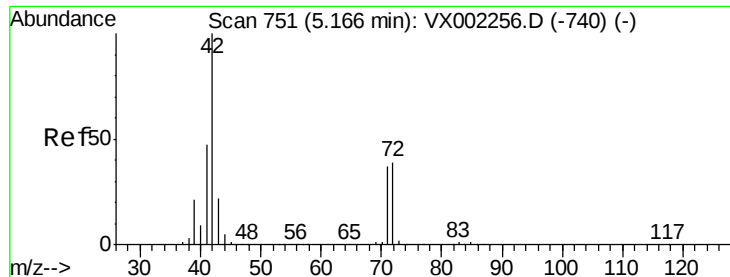


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

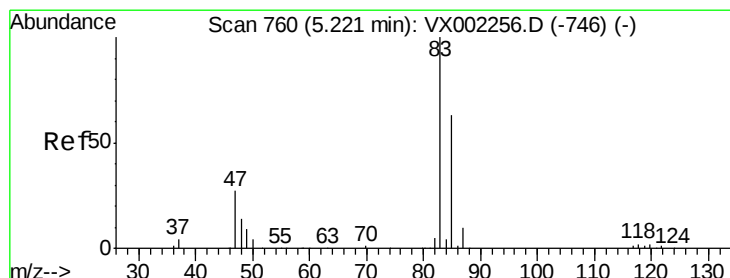
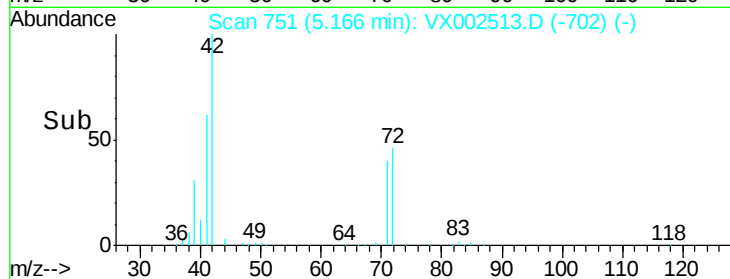
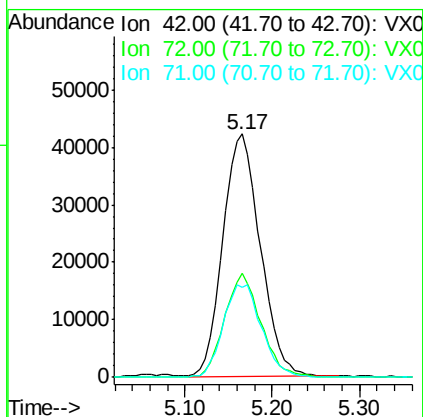
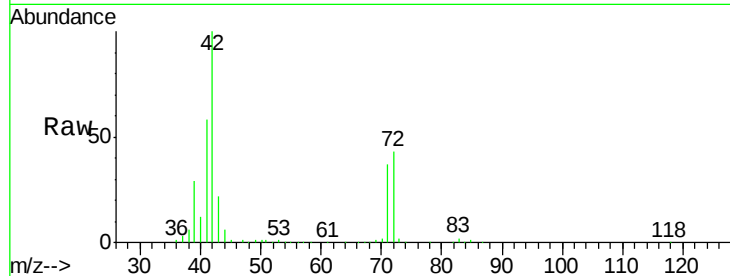




#29
Tetrahydrofuran
Concen: 91.72 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

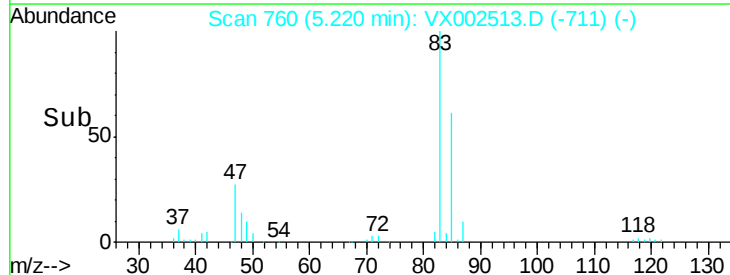
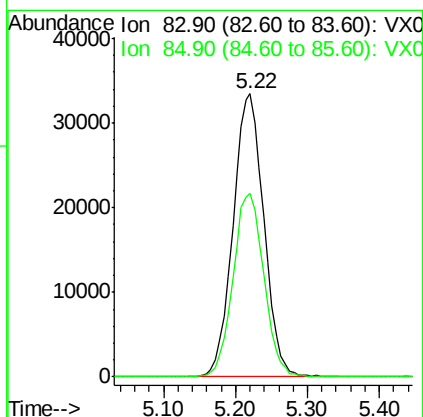
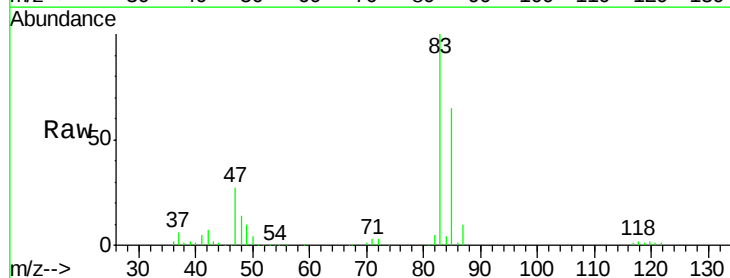
Instrument :
MSVOA_X
ClientSampled :

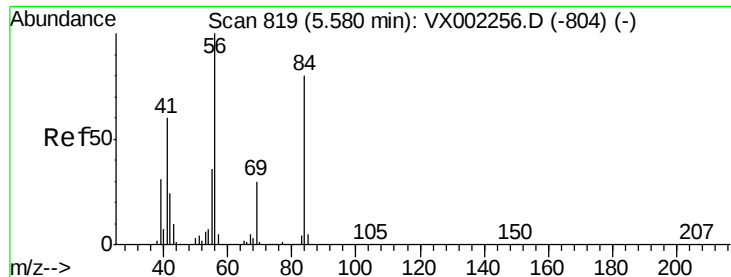
Tot Ion: 42 Resp: 125454
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 39.4 30.1 45.1



#30
Chloroform
Concen: 20.77 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 83 Resp: 99012
Ion Ratio Lower Upper
83 100
85 64.8 50.4 75.6





#31

Cyclohexane

Concen: 20.62 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

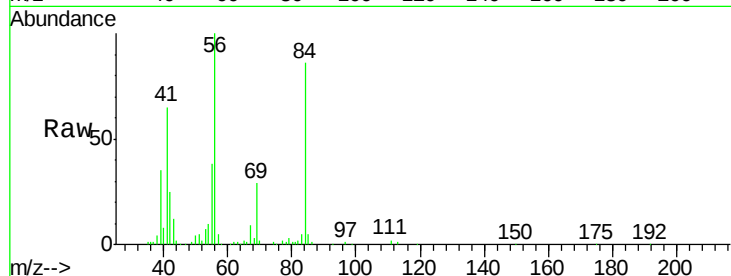
Tot Ion: 56 Resp: 80575

Ion Ratio Lower Upper

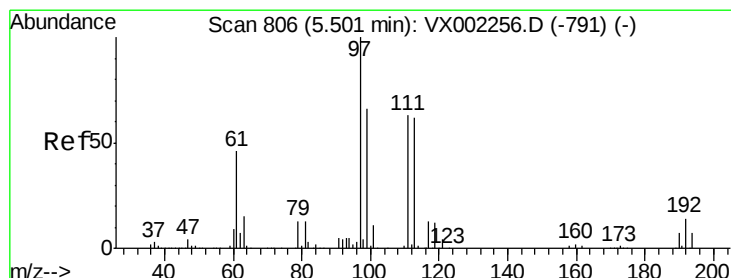
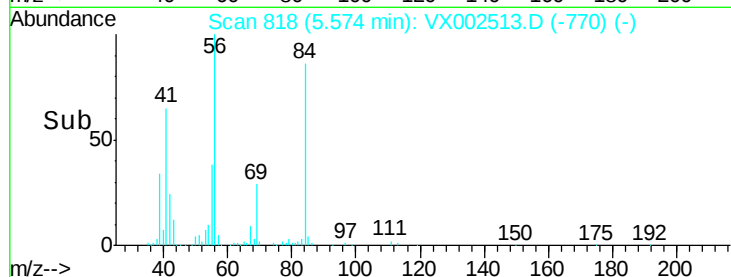
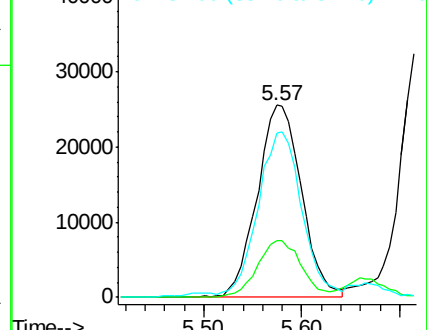
56 100

69 29.4 23.7 35.5

84 83.7 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: 20.25 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

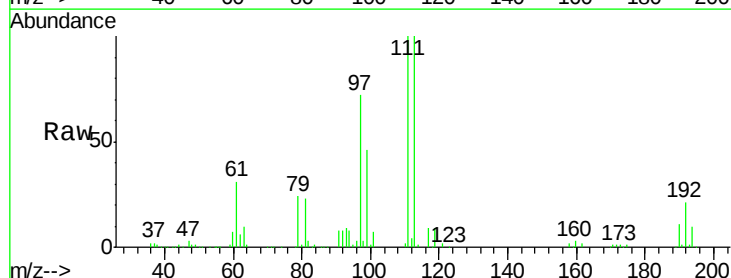
Tgt Ion: 97 Resp: 81885

Ion Ratio Lower Upper

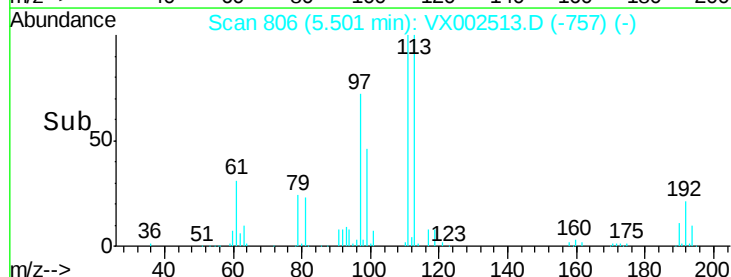
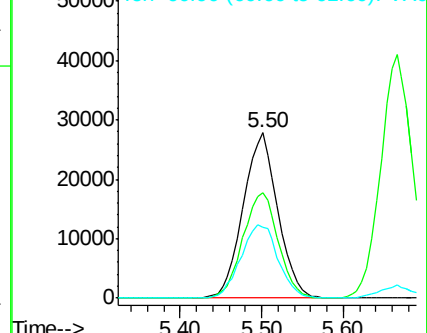
97 100

99 65.4 51.6 77.4

61 47.6 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

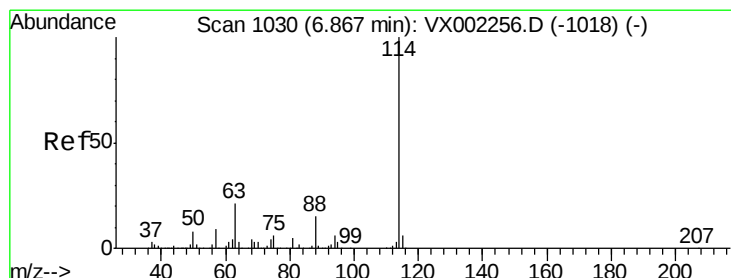
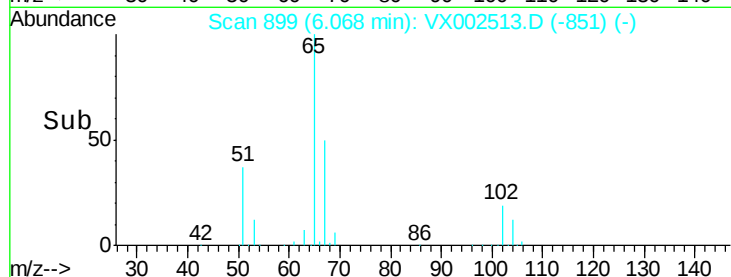
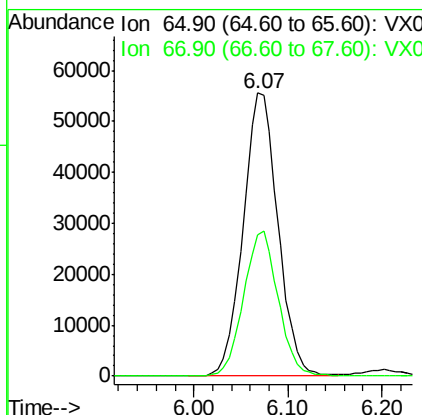
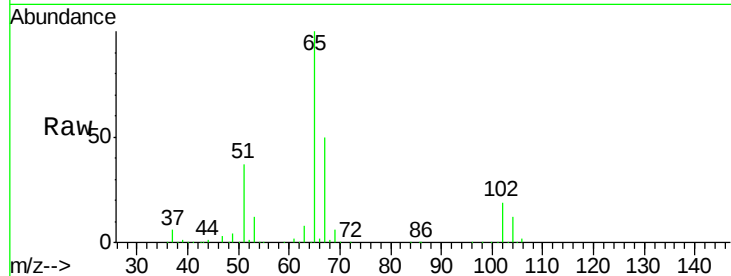




#33
 1,2-Dichloroethane-d4
 Concen: 46.28 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

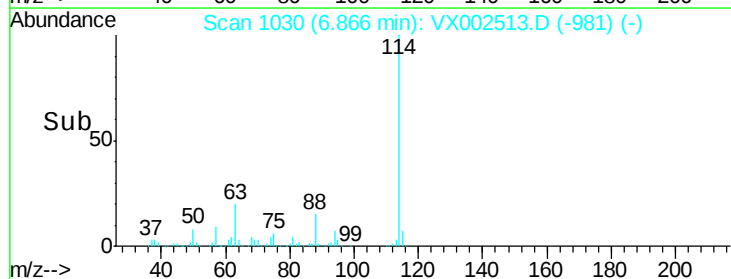
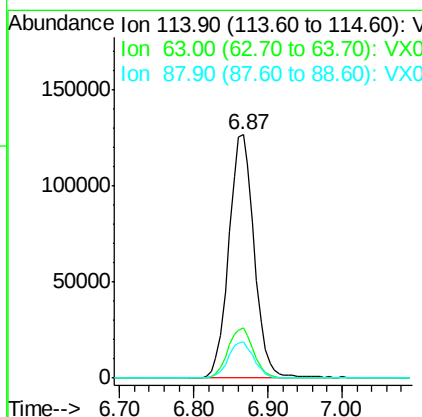
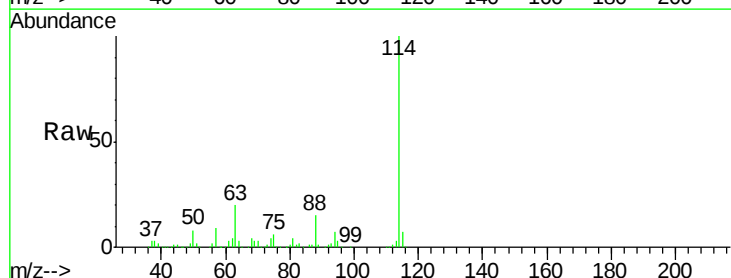
Instrument :
 MSVOA_X
 ClientSampled :

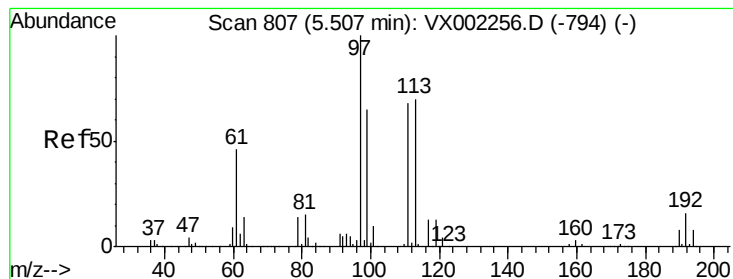
Tot Ion: 65 Resp: 144003
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion: 114 Resp: 302026
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.00 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

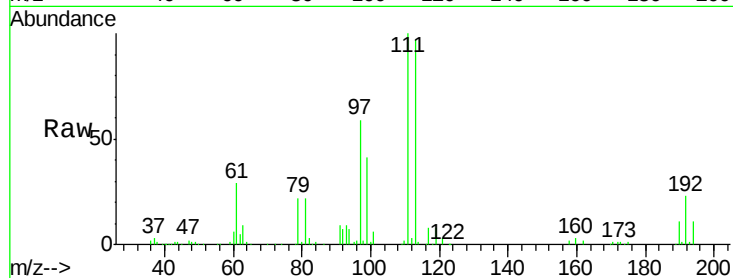
Tot Ion:113 Resp: 111642

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

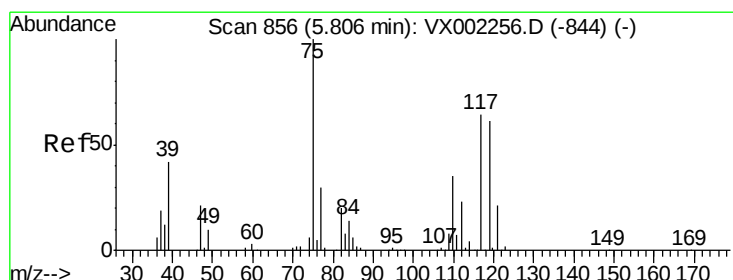
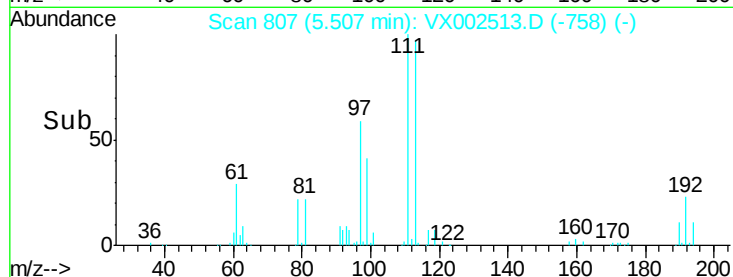
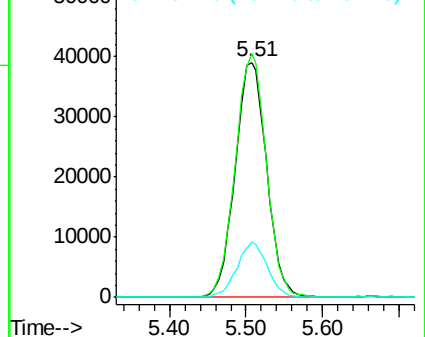
192 22.8 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.61 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

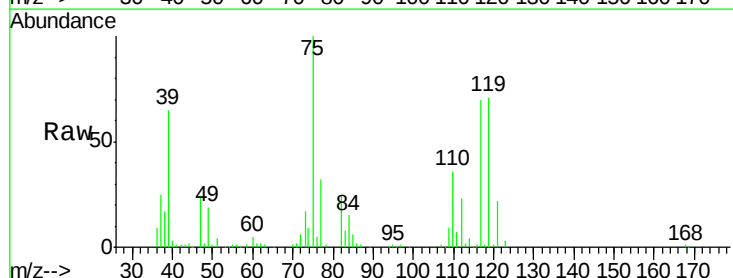
Tgt Ion: 75 Resp: 68618

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.4

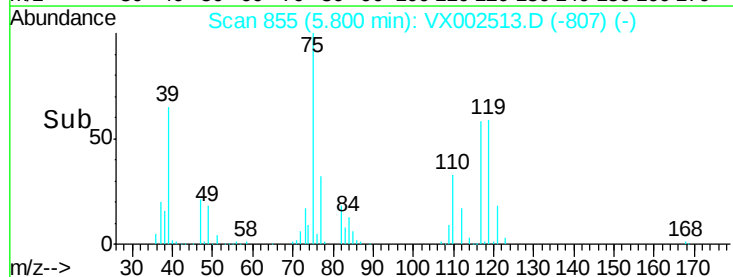
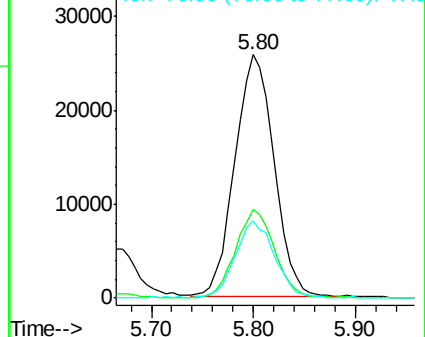
77 32.2 24.3 36.5

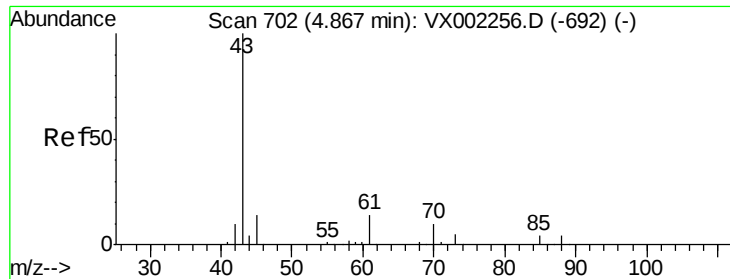


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.76 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

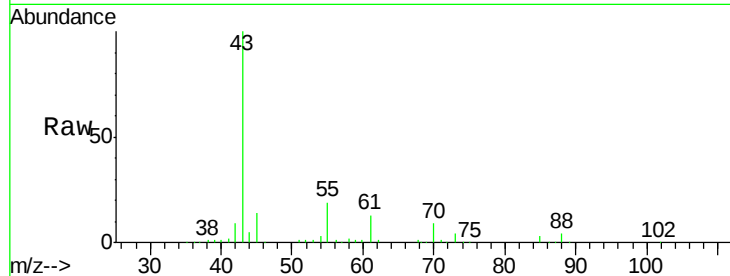
Tot Ion: 43 Resp: 79277

Ion Ratio Lower Upper

43 100

61 13.3 10.4 15.6

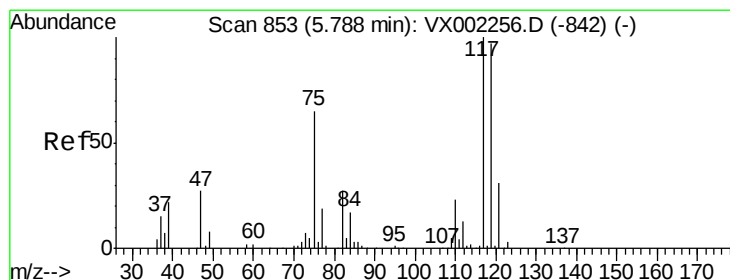
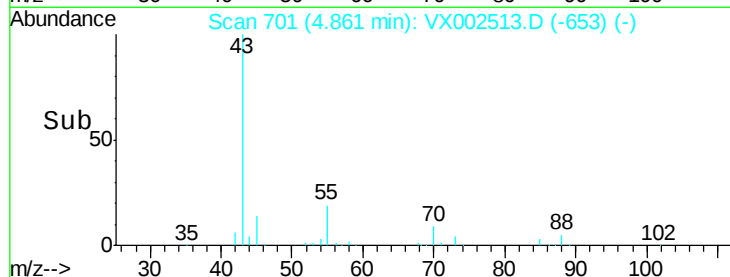
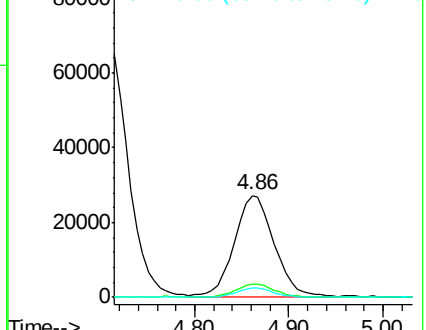
70 9.1 7.6 11.4



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) (-)



#38

Carbon Tetrachloride

Concen: 21.70 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

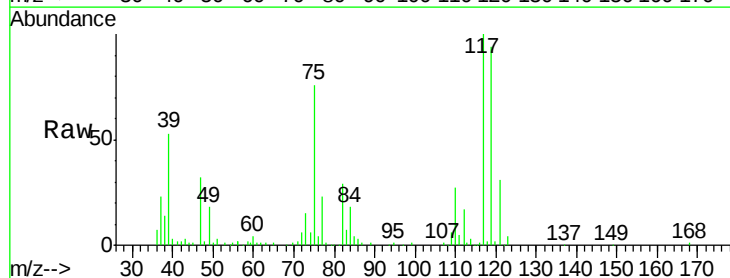
Tgt Ion: 117 Resp: 72097

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.0

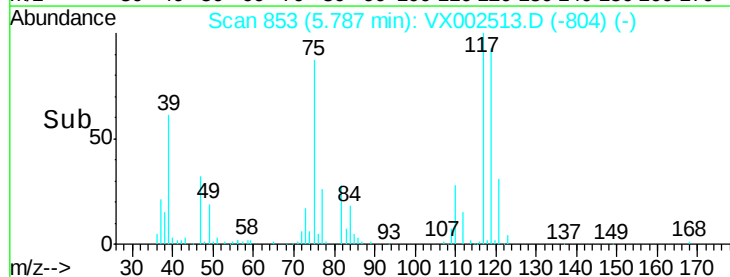
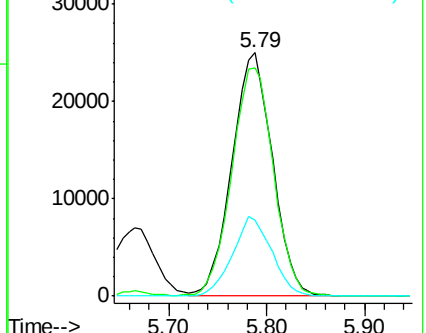
121 31.3 24.4 36.6



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) (-)

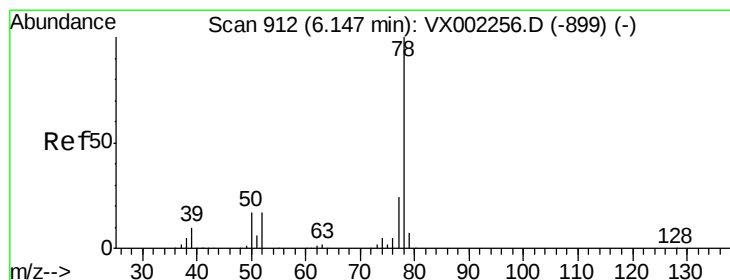
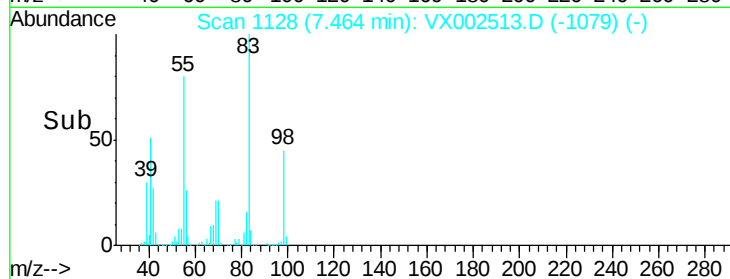
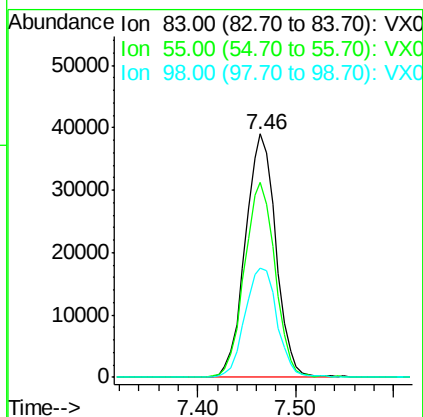
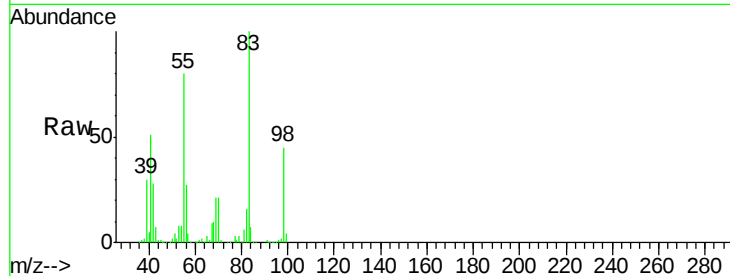




#39
Methvlcvclohexane
Concen: 21.72 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

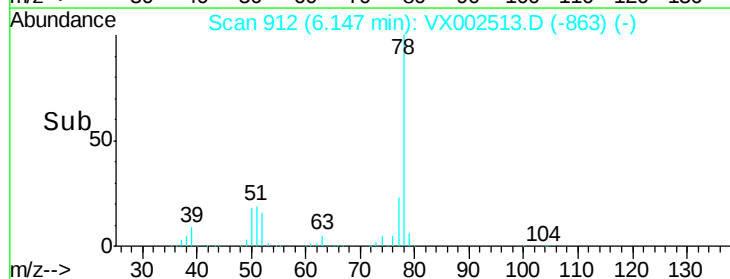
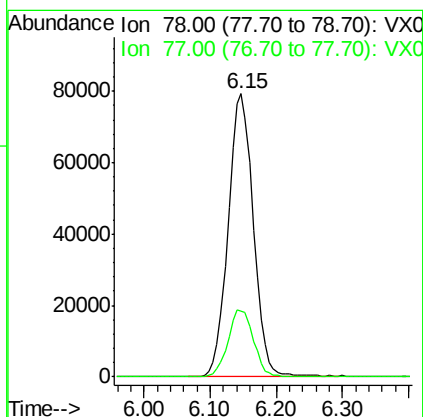
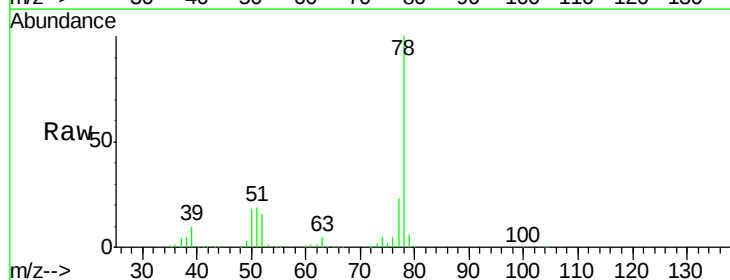
Instrument :
MSVOA_X
ClientSampleId :

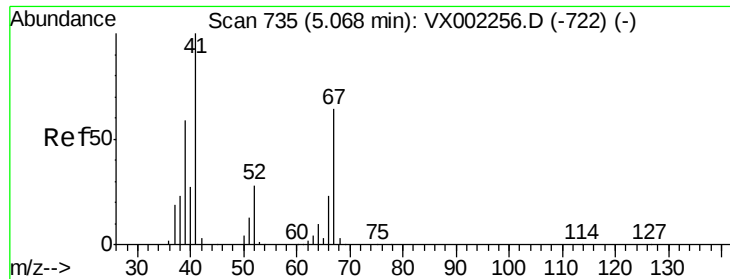
Tot Ion: 83 Resp: 84607
Ion Ratio Lower Upper
83 100
55 79.9 65.4 98.0
98 44.7 37.4 56.0



#40
Benzene
Concen: 21.51 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 78 Resp: 209386
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

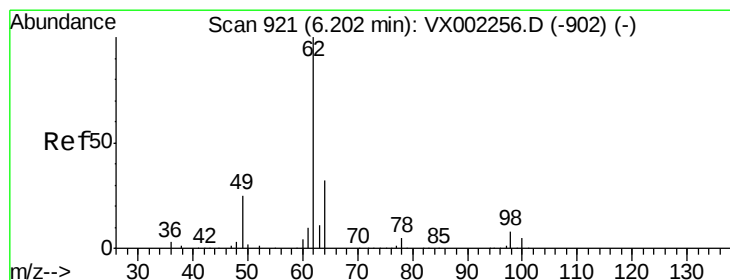
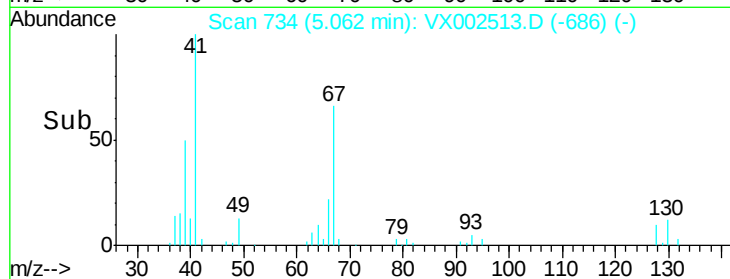
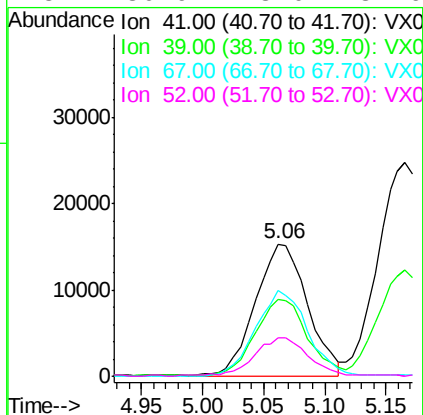
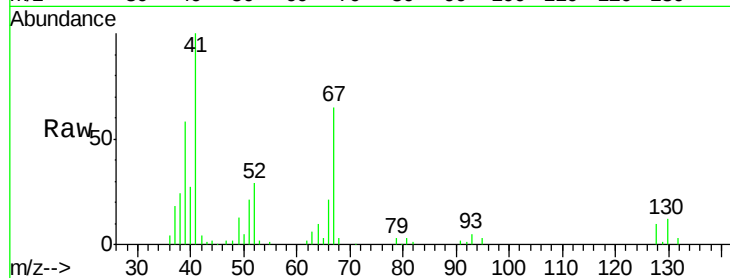




#41
Methacrylonitrile
Concen: 20.58 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

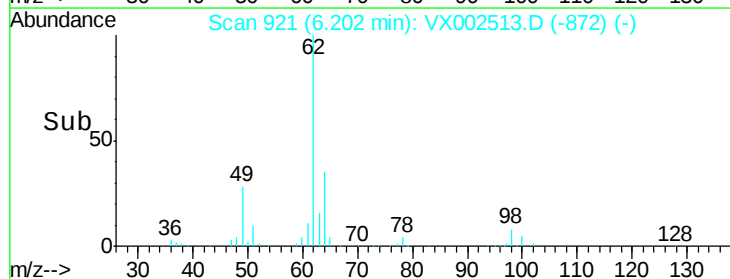
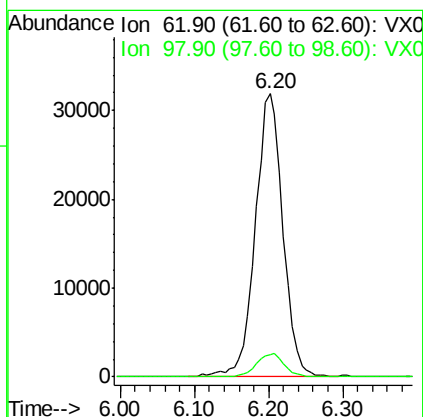
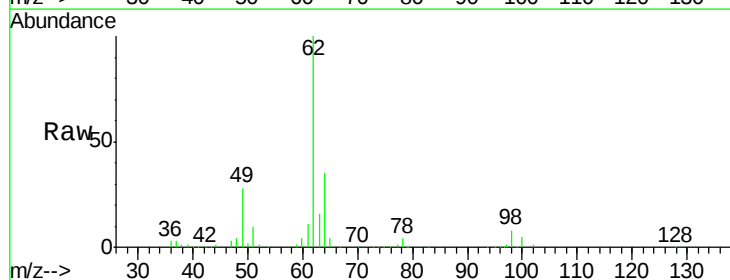
Instrument :
MSVOA_X
ClientSampled :

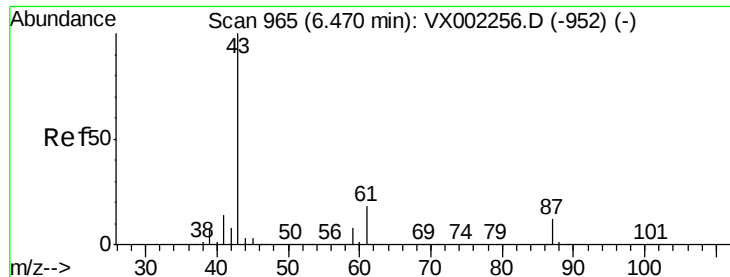
Tot Ion:	41	Resp:	44980
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.8	68.6
67	66.1	51.3	76.9
52	30.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 21.44 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:	62	Resp:	82916
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.02 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

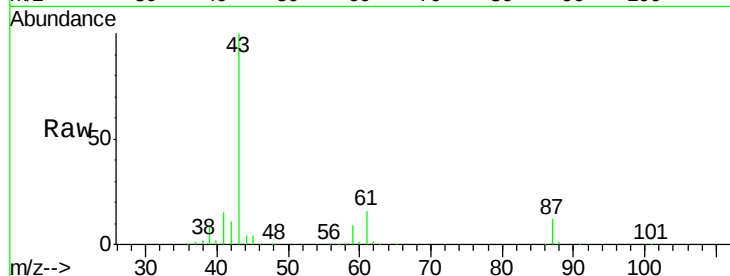
Tot Ion: 43 Resp: 129850

Ion Ratio Lower Upper

43 100

61 17.7 14.4 21.6

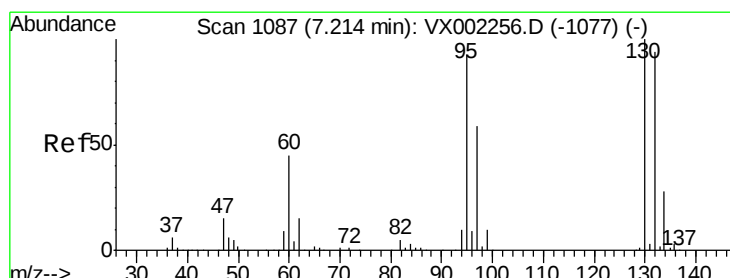
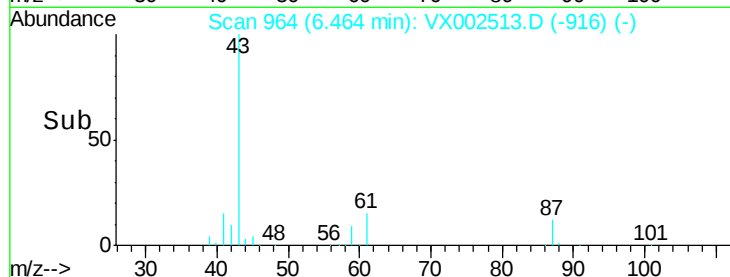
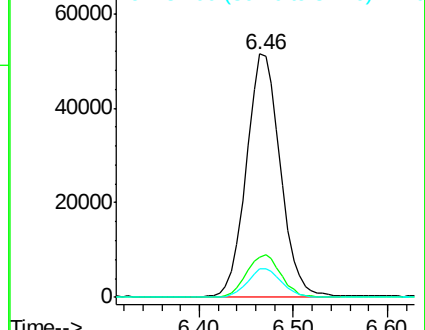
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)



#44

Trichloroethene

Concen: 22.24 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002513.D

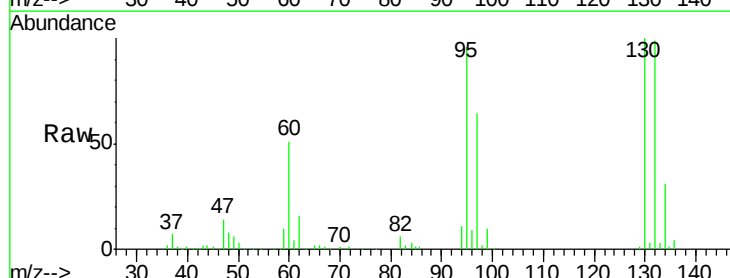
Acq: 13 Jun 2018 17:12

Tgt Ion:130 Resp: 60080

Ion Ratio Lower Upper

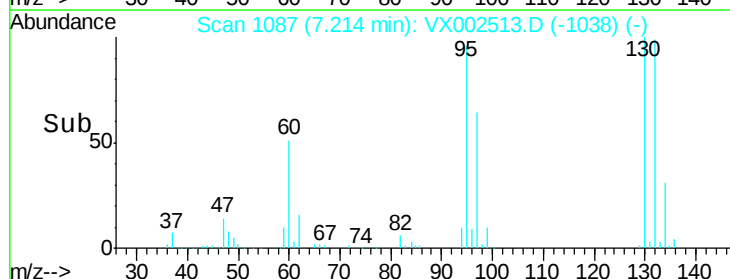
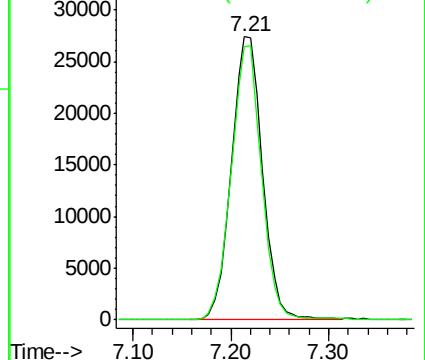
130 100

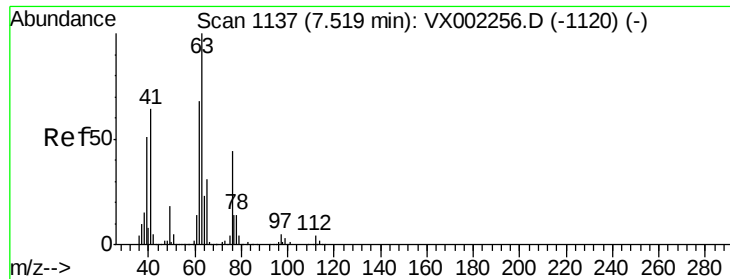
95 96.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)

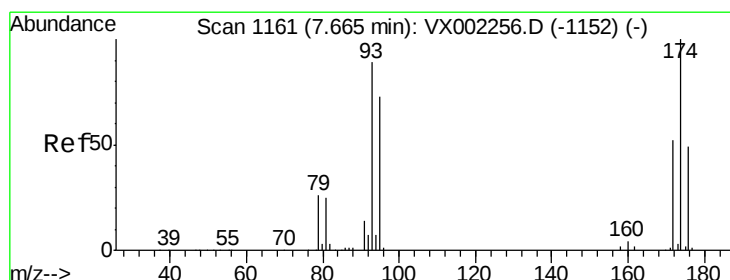
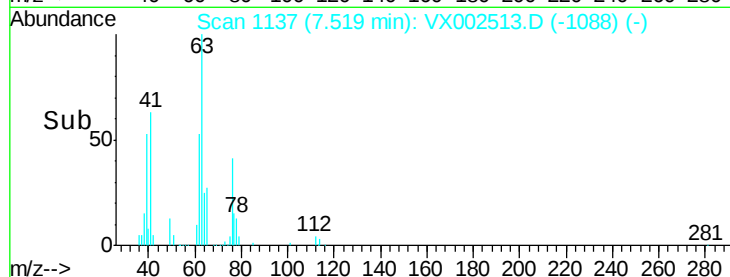
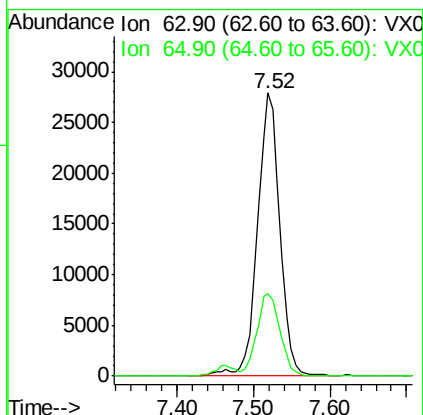
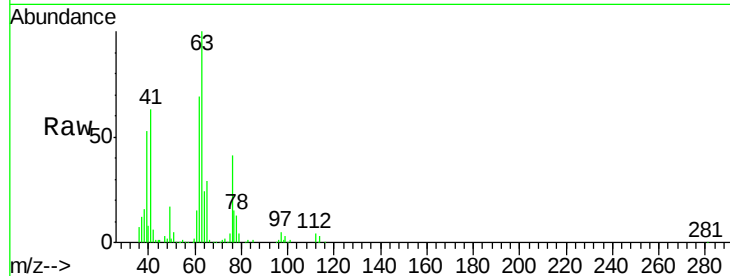




#45
 1,2-Dichloropropane
 Concen: 21.76 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

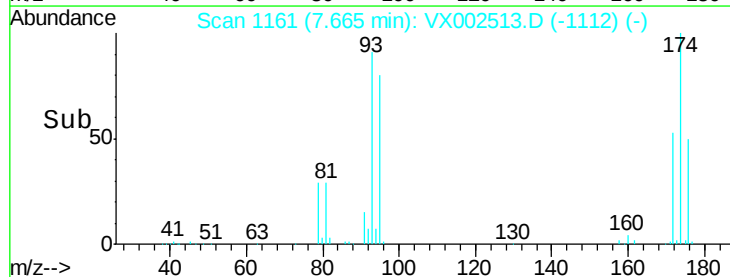
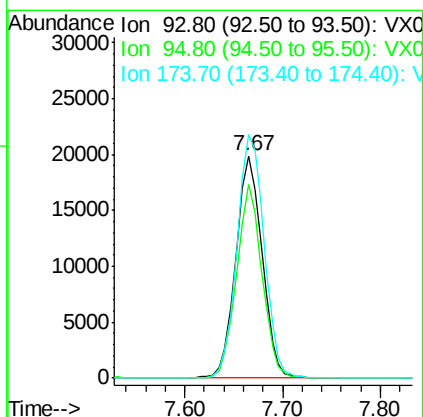
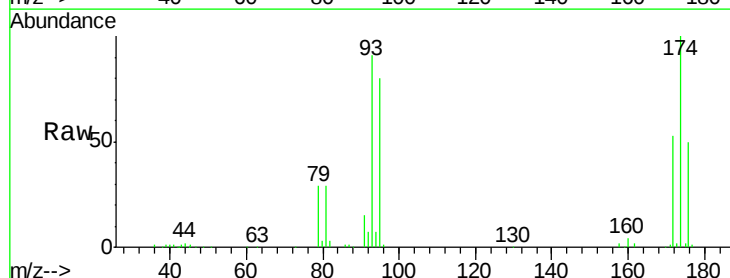
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 57178
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.7 37.1



#46
 Dibromomethane
 Concen: 20.90 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion: 93 Resp: 37230
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 112.7 92.4 138.6





#47

Bromodichloromethane

Concen: 21.12 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

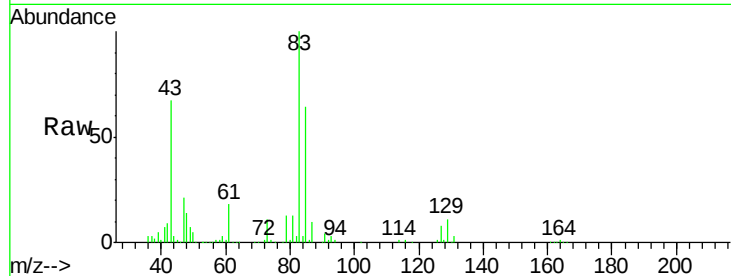
Tot Ion: 83 Resp: 68052

Ion Ratio Lower Upper

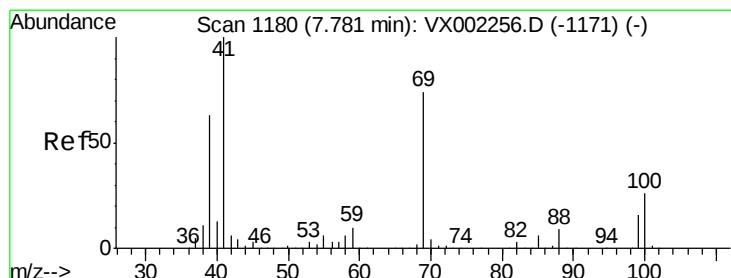
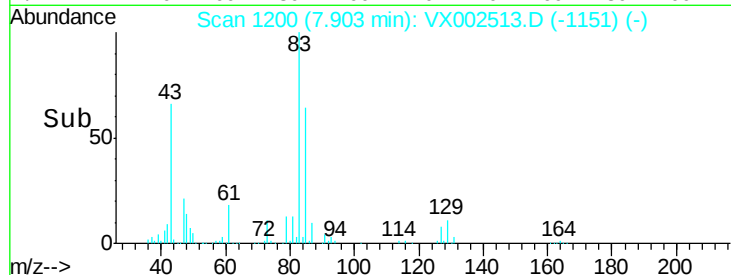
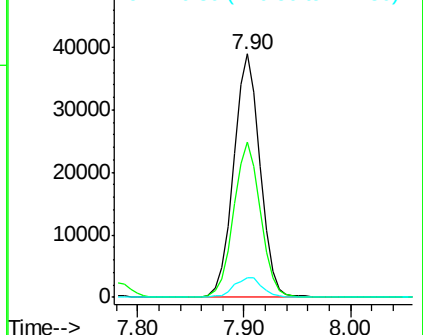
83 100

85 64.0 50.3 75.5

127 8.1 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: 20.48 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

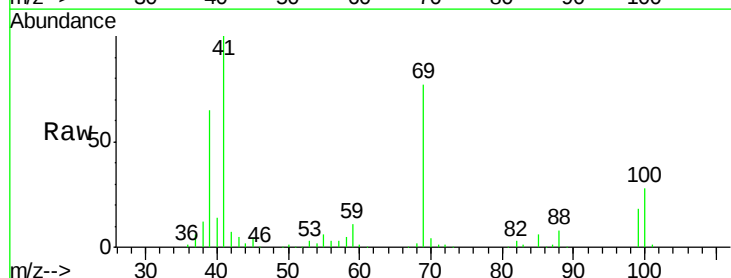
Tgt Ion: 41 Resp: 66728

Ion Ratio Lower Upper

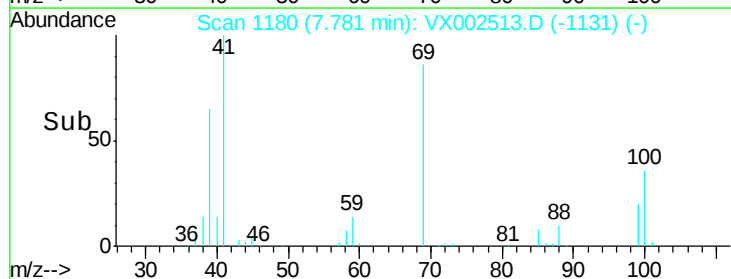
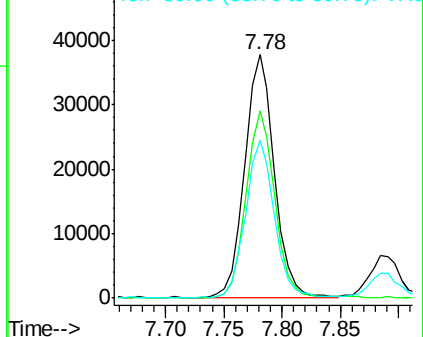
41 100

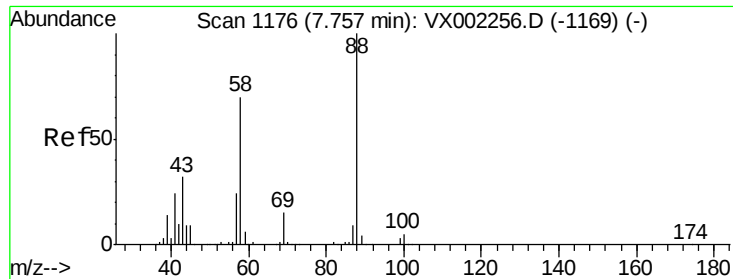
69 75.5 59.1 88.7

39 63.4 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

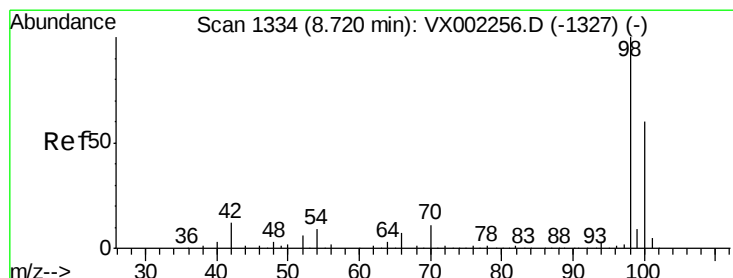
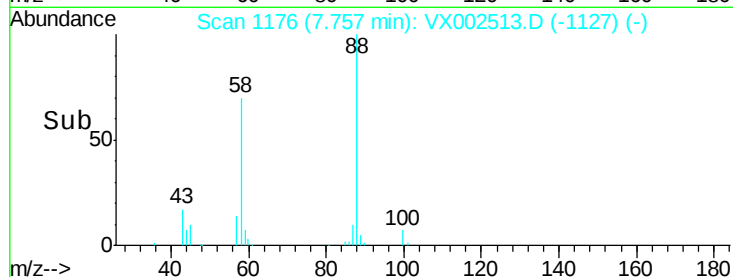
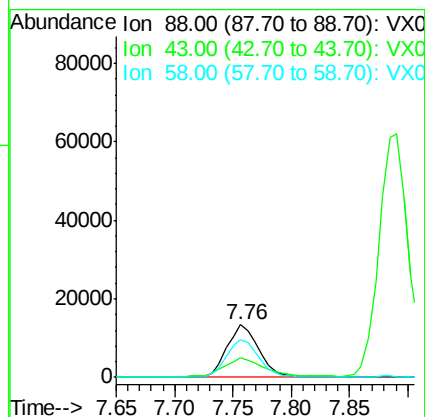
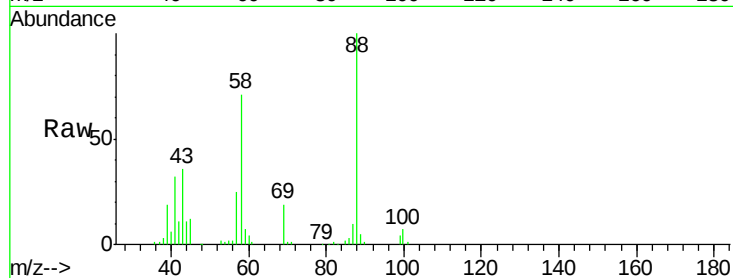




#49
 1,4-Dioxane
 Concen: 415.85 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

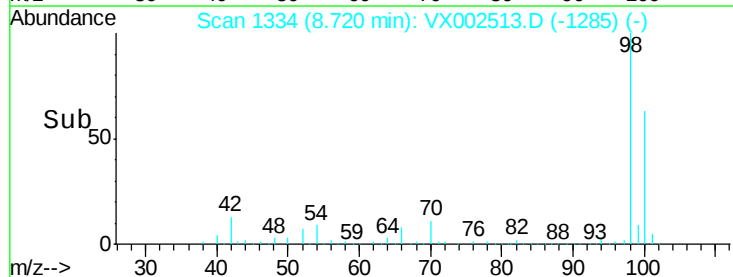
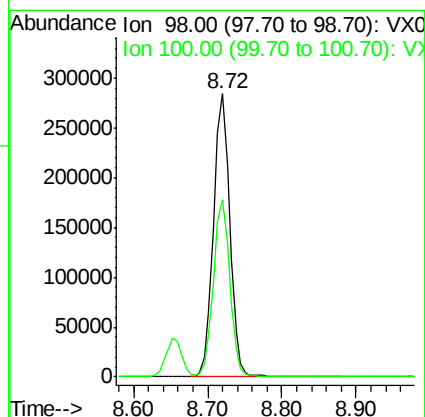
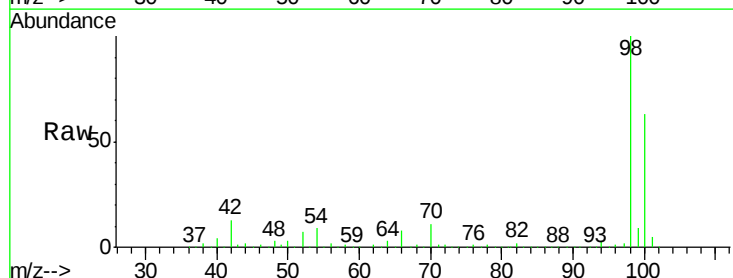
Instrument :
 MSVOA_X
 ClientSampleId :

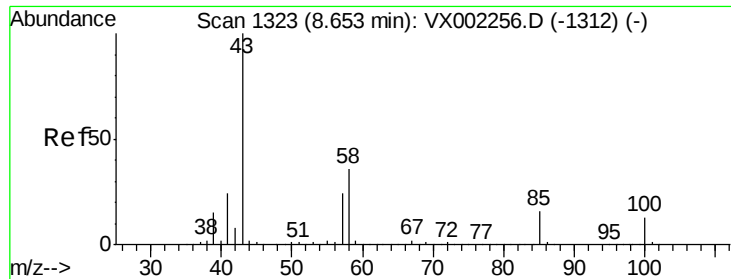
Tot Ion: 88 Resp: 25331
 Ion Ratio Lower Upper
 88 100
 43 45.0 29.8 44.6#
 58 73.6 57.1 85.7



#50
 Toluene-d8
 Concen: 47.02 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion: 98 Resp: 428024
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 106.86 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

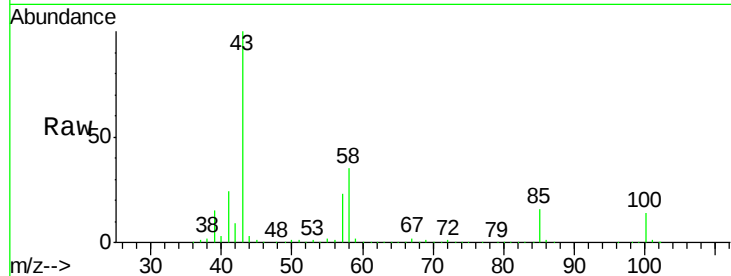
ClientSampleId :

Tot Ion: 43 Resp: 431597

Ion Ratio Lower Upper

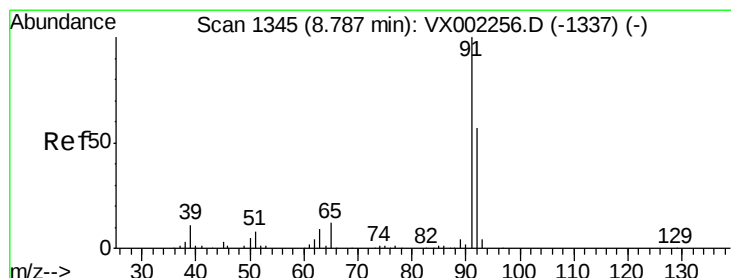
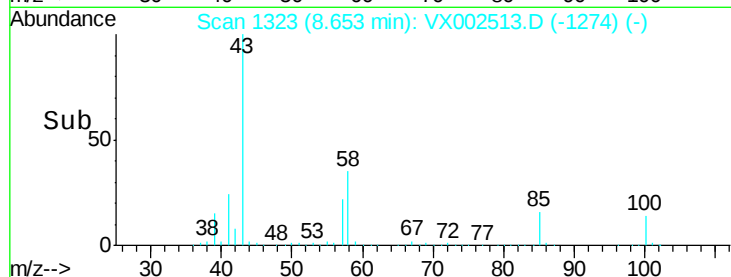
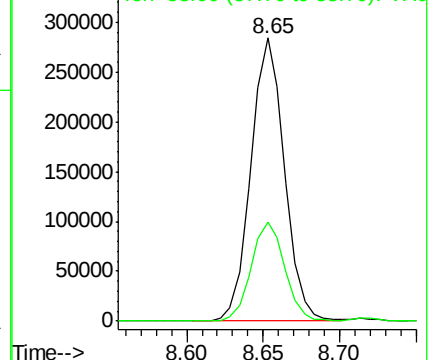
43 100

58 35.3 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: 22.08 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002513.D

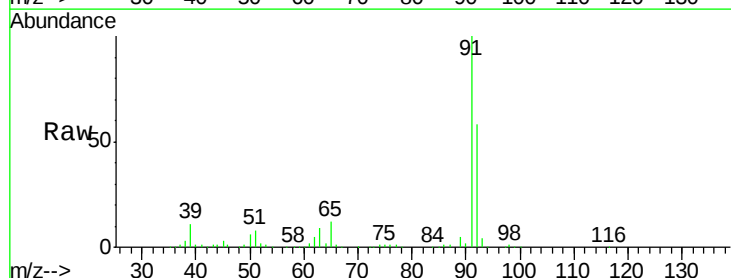
Acq: 13 Jun 2018 17:12

Tgt Ion: 92 Resp: 136694

Ion Ratio Lower Upper

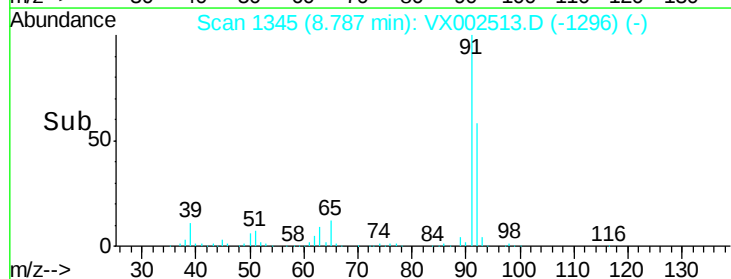
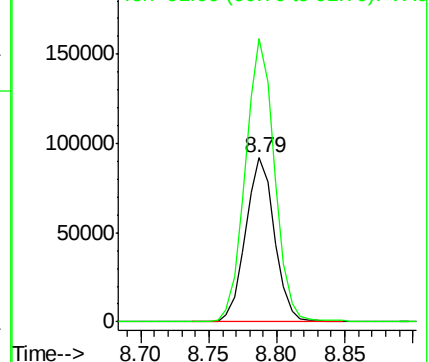
92 100

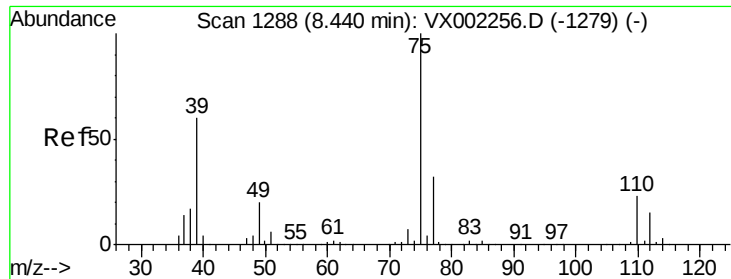
91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

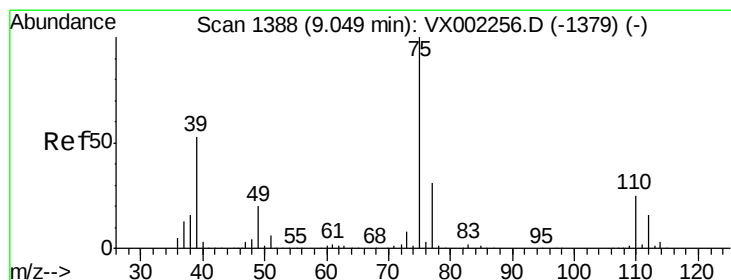
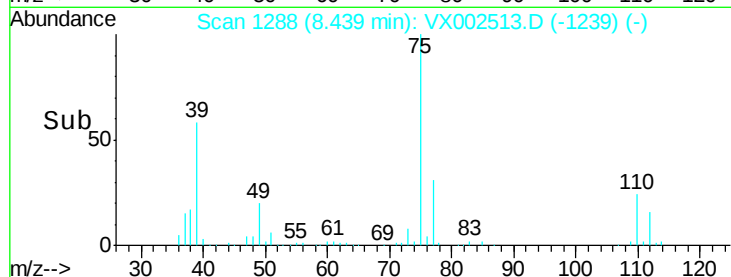
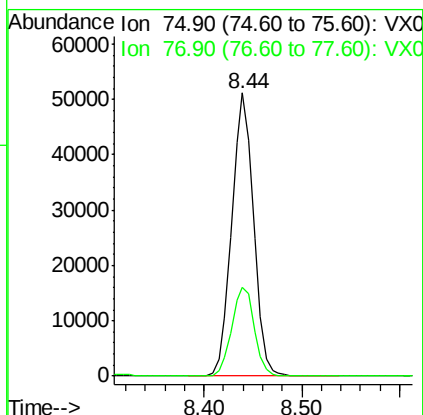
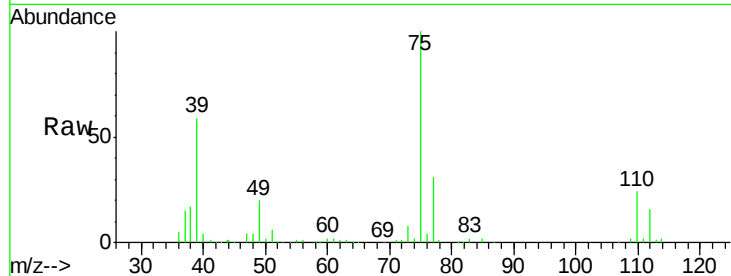




#53
t-1,3-Dichloropropene
Concen: 20.53 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

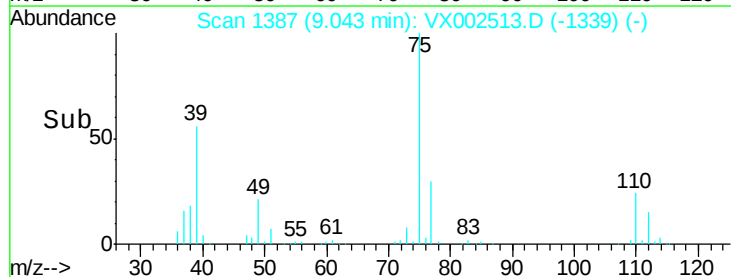
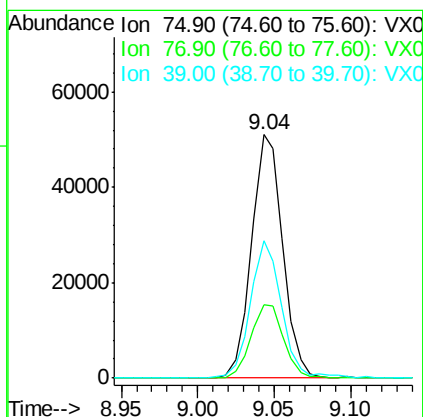
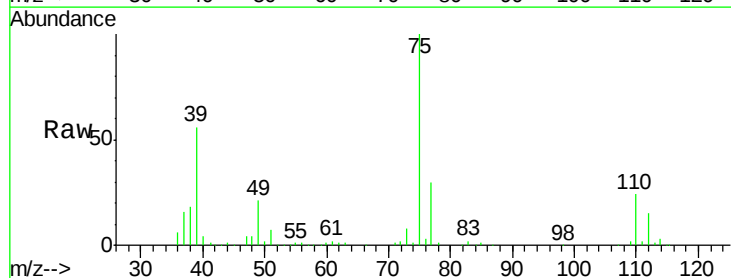
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 79352
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.81 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 75 Resp: 72230
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 56.0 42.4 63.6

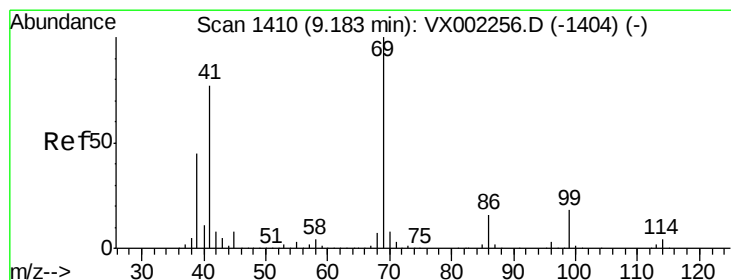
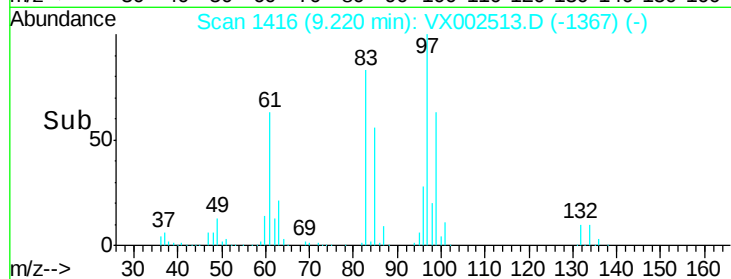
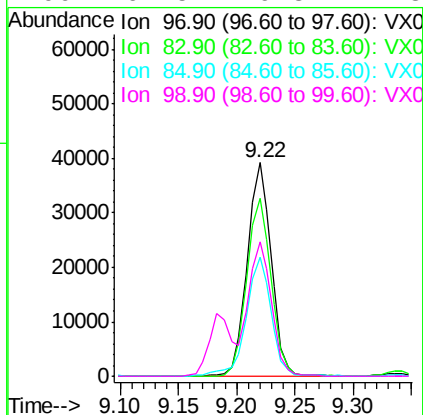
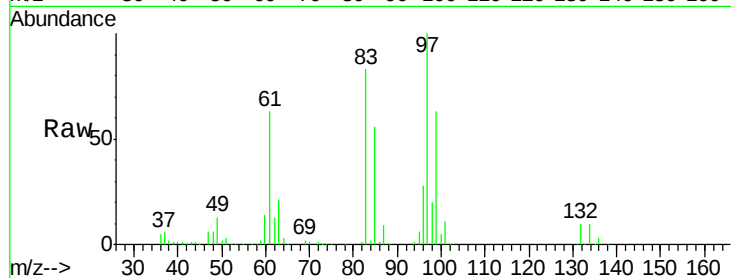




#55
 1,1,2-Trichloroethane
 Concen: 22.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

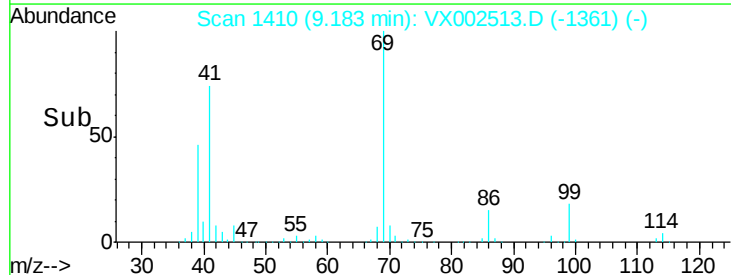
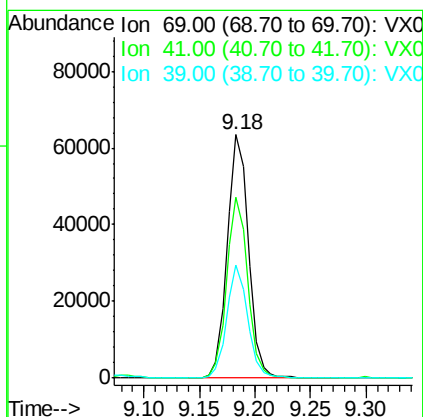
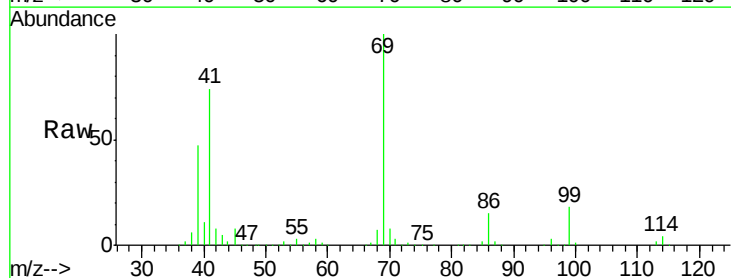
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	56628
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.2	105.2
85	56.0	44.9	67.3
99	62.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.74 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion:	69	Resp:	84319
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	45.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 21.78 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

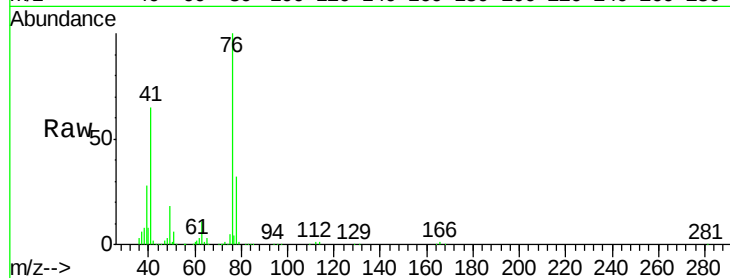
ClientSampleId :

Tot Ion: 76 Resp: 93042

Ion Ratio Lower Upper

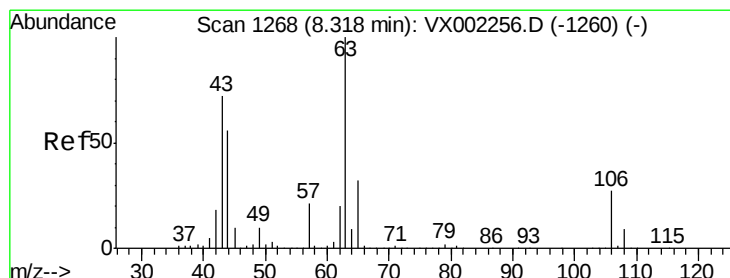
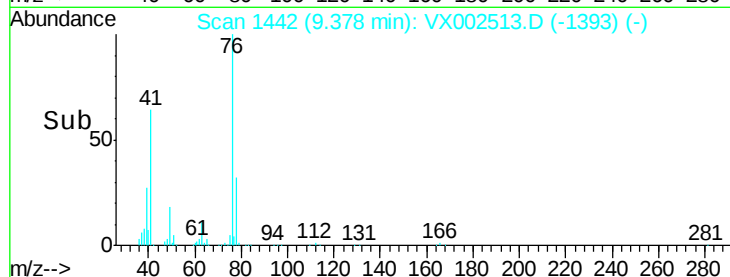
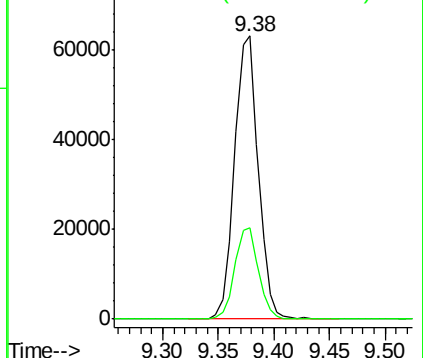
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 82.74 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002513.D

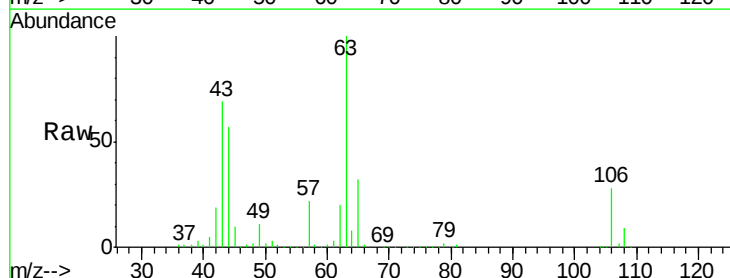
Acq: 13 Jun 2018 17:12

Tgt Ion: 63 Resp: 155709

Ion Ratio Lower Upper

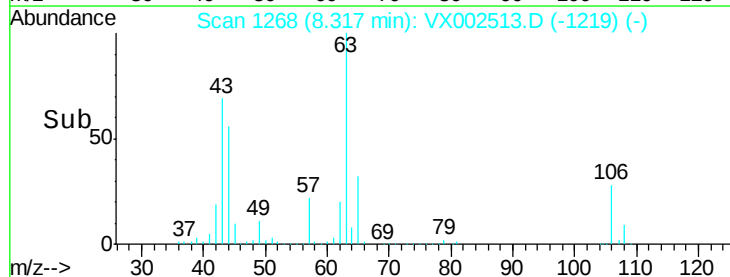
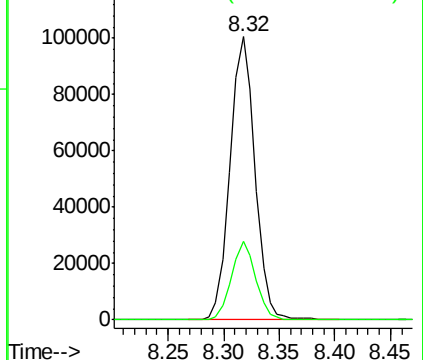
63 100

106 27.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

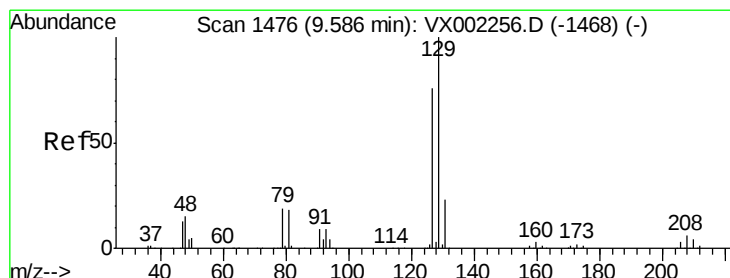
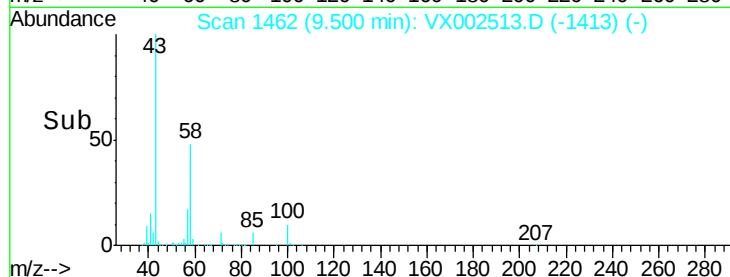
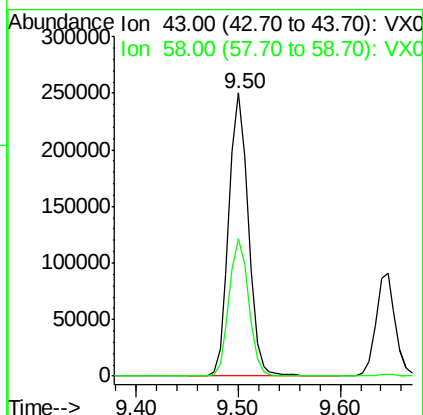
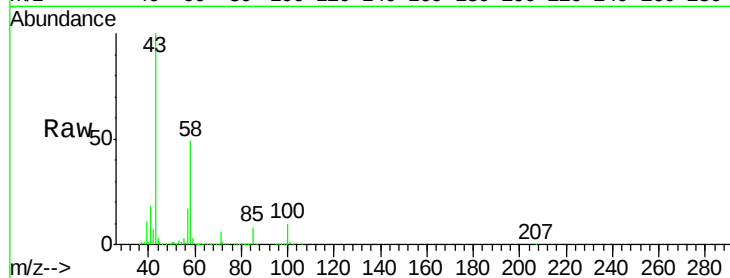




#59
2-Hexanone
Concen: 106.05 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

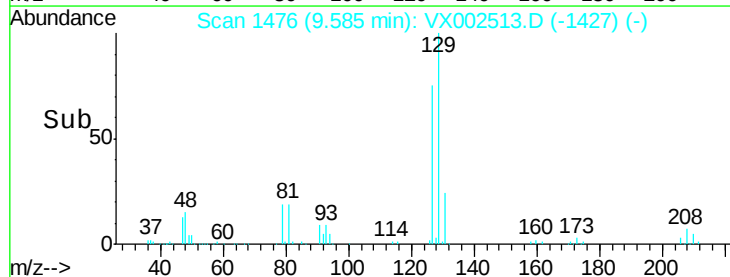
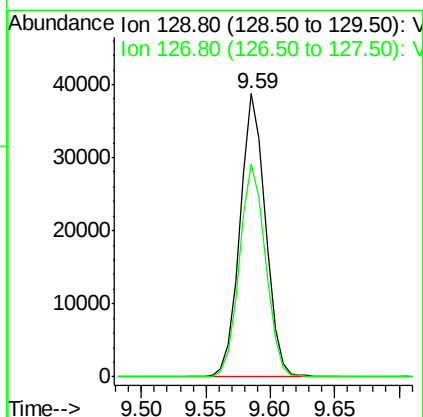
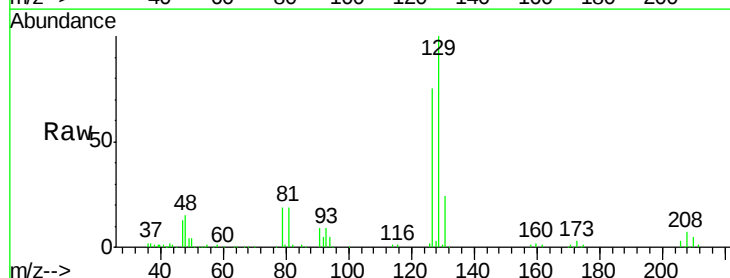
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 330833
Ion Ratio Lower Upper
43 100
58 48.6 24.6 73.6



#60
Dibromochloromethane
Concen: 20.70 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:129 Resp: 53024
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.75 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

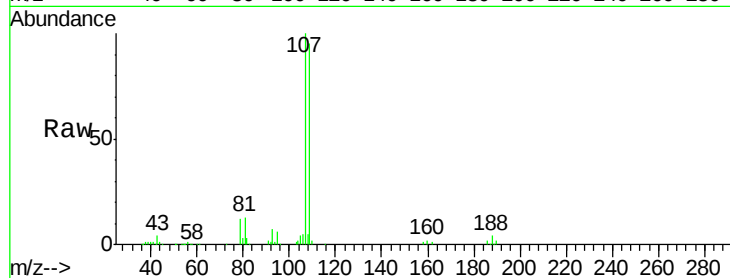
ClientSampleId :

Tot Ion:107 Resp: 57762

Ion Ratio Lower Upper

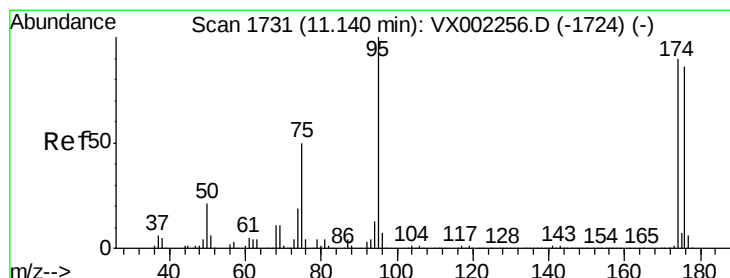
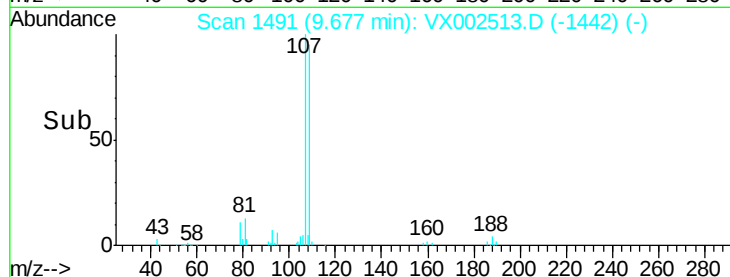
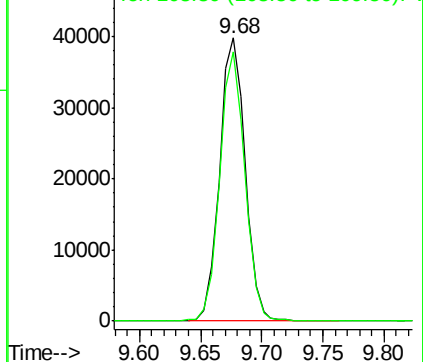
107 100

109 93.8 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: 46.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

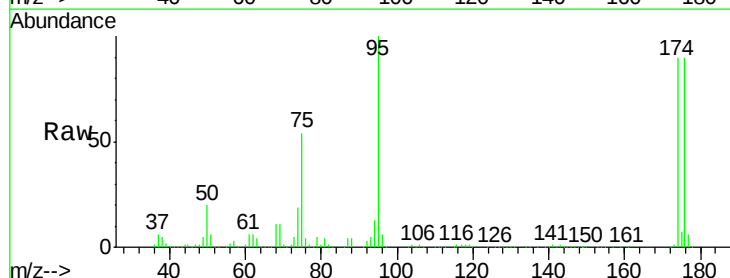
Tgt Ion: 95 Resp: 161541

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

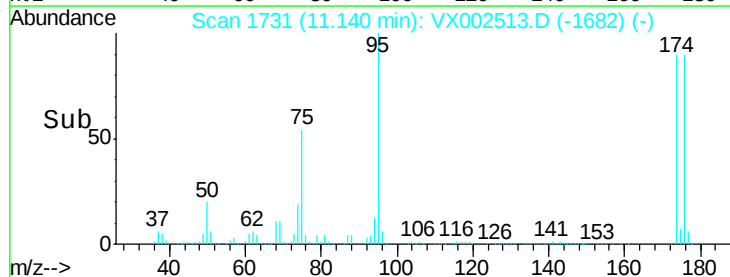
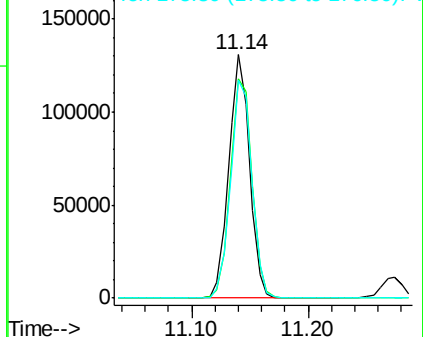
176 92.5 0.0 181.0

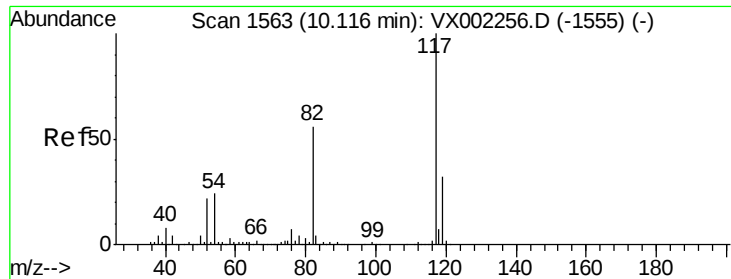


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

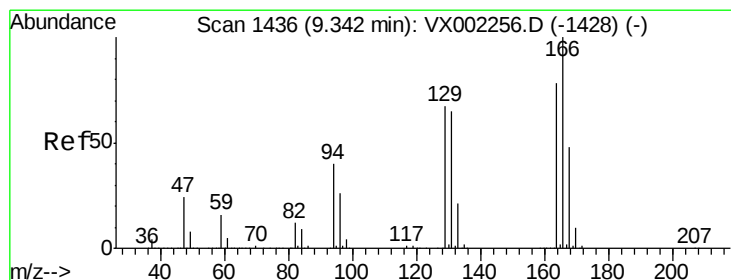
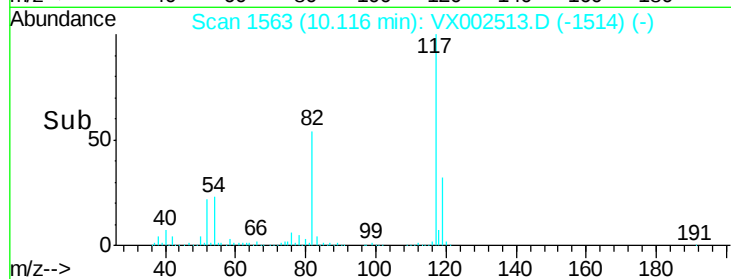
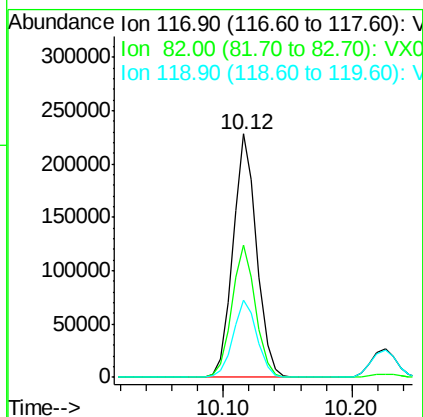
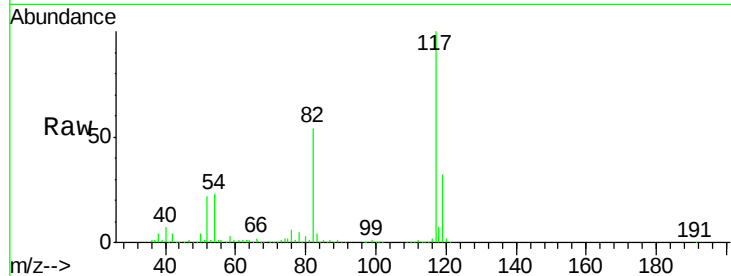




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

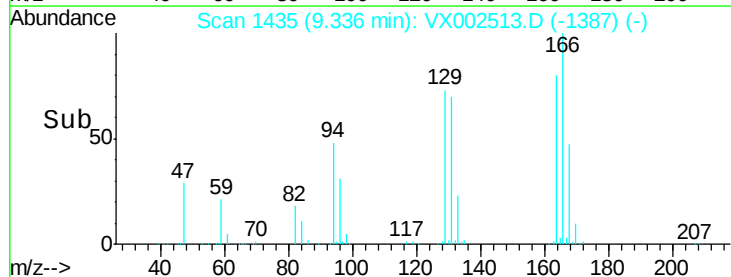
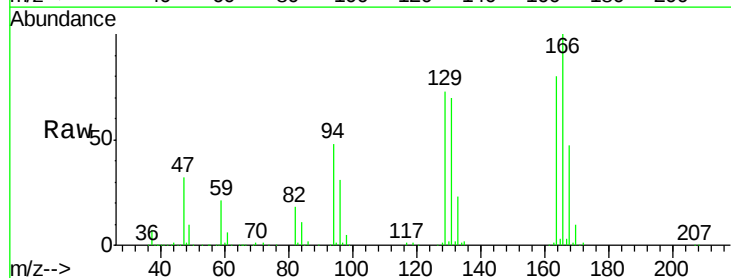
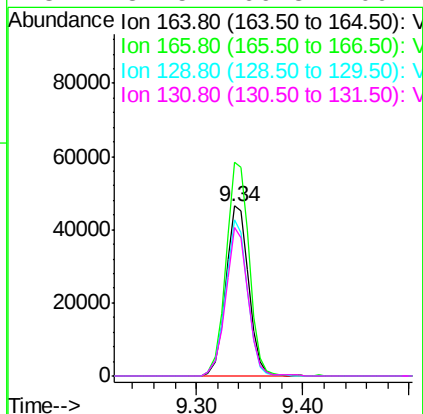
Instrument :
MSVOA_X
ClientSampleId :

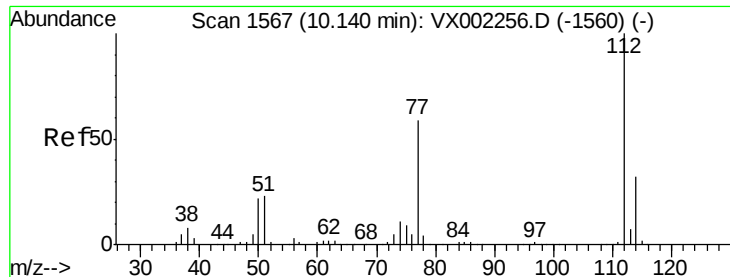
Tot Ion:117 Resp: 292340
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 23.02 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:164 Resp: 69402
Ion Ratio Lower Upper
164 100
166 125.6 102.9 154.3
129 91.9 68.6 102.8
131 87.5 66.8 100.2





#65

Chlorobenzene

Concen: 21.80 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

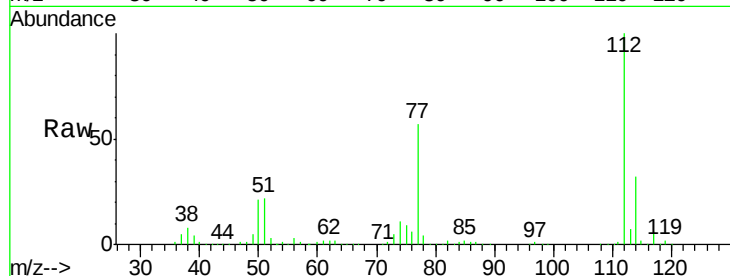
ClientSampleId :

Tot Ion:112 Resp: 158574

Ion Ratio Lower Upper

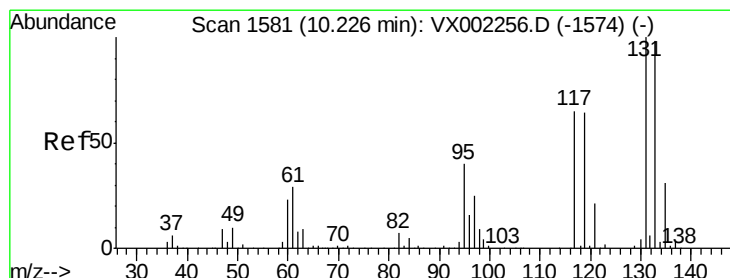
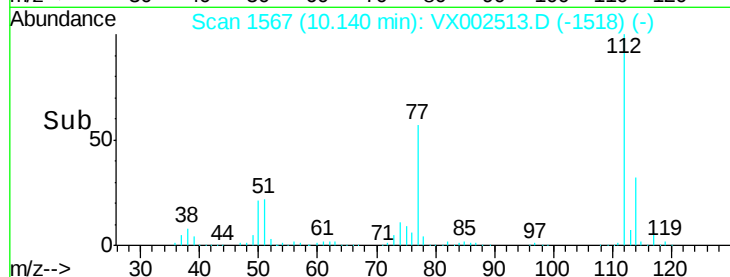
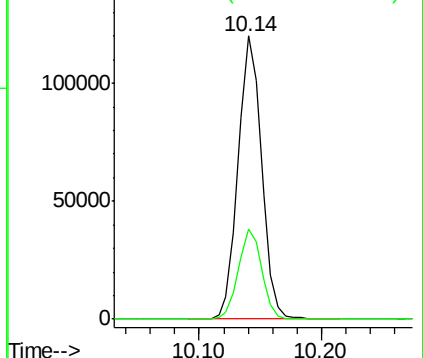
112 100

114 31.6 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: 21.03 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

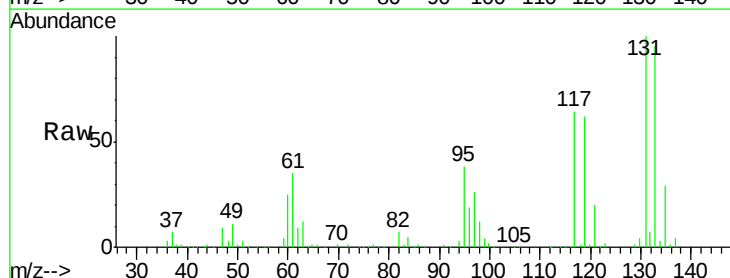
Tgt Ion:131 Resp: 55389

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

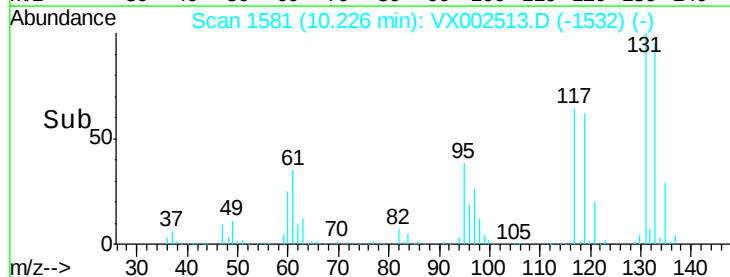
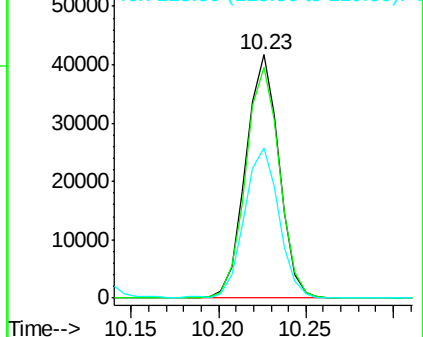
119 64.2 31.8 95.3

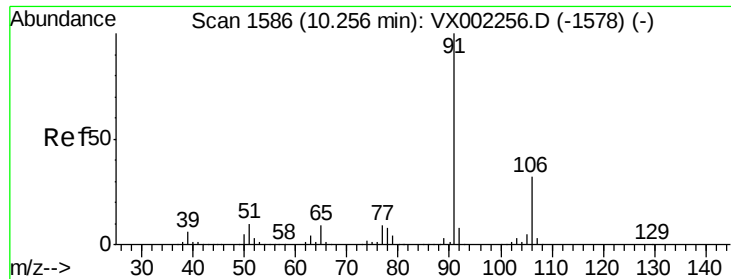


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

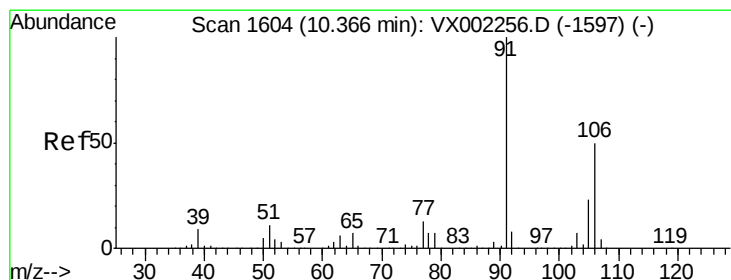
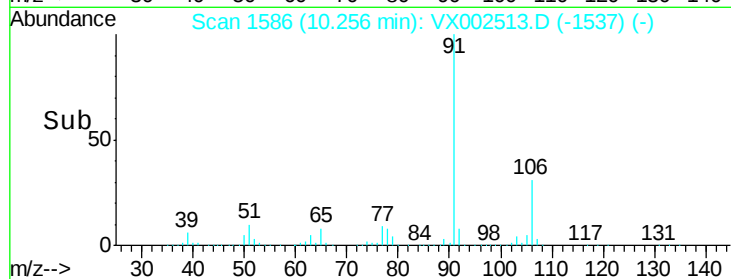
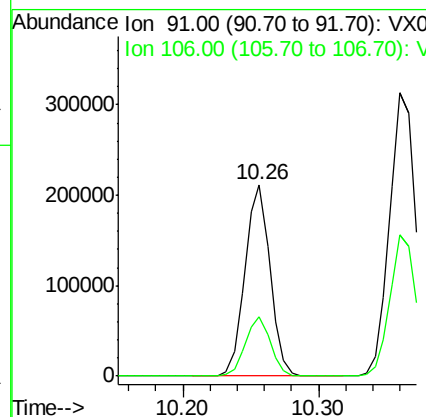
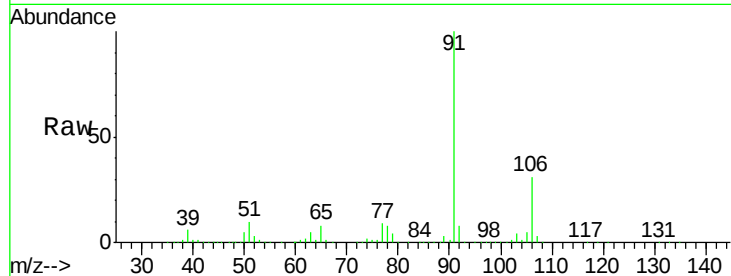




#67
Ethyl Benzene
Concen: 22.39 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

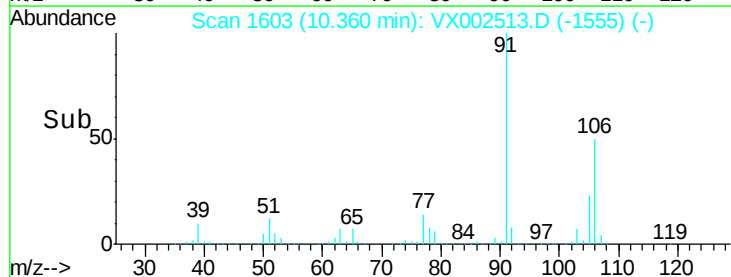
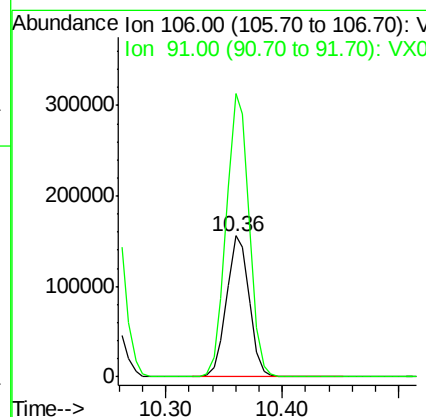
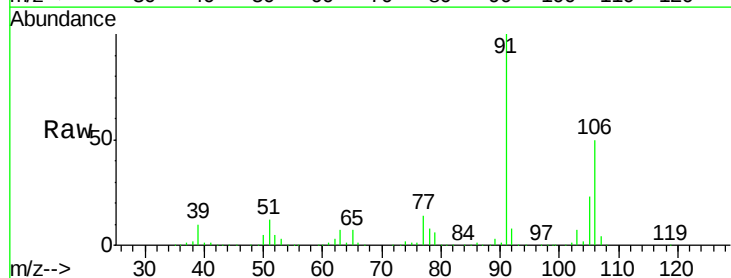
Instrument :
MSVOA_X
ClientSampleId :

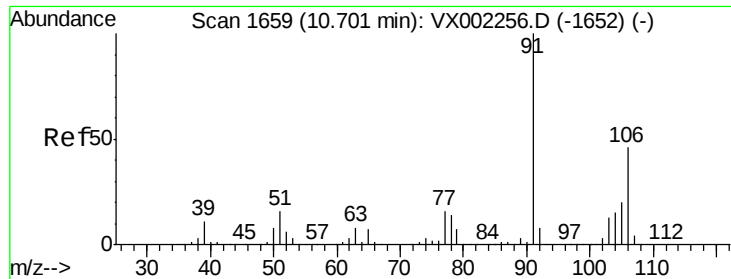
Tot Ion: 91 Resp: 272616
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 44.21 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 106 Resp: 209215
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2

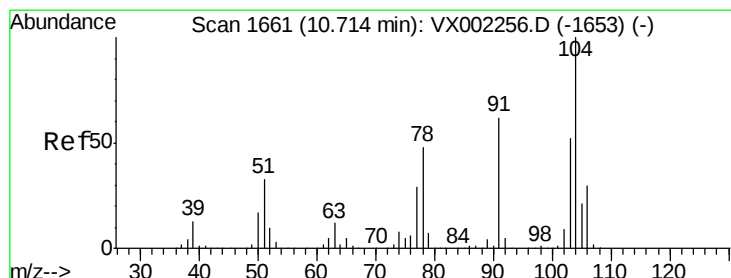
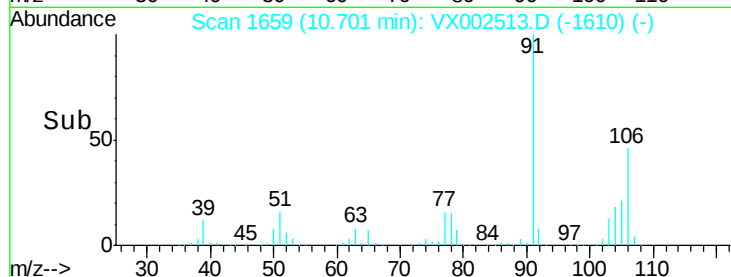
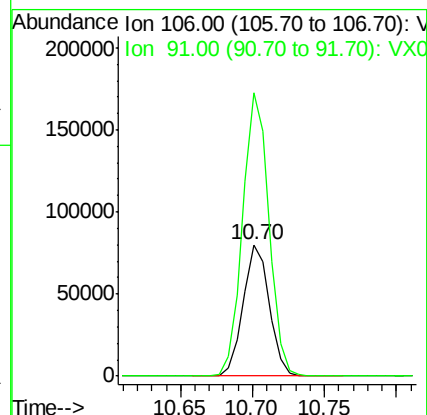
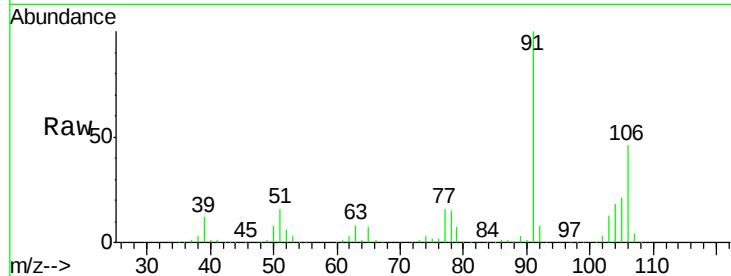




#69
o-Xylene
Concen: 21.45 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

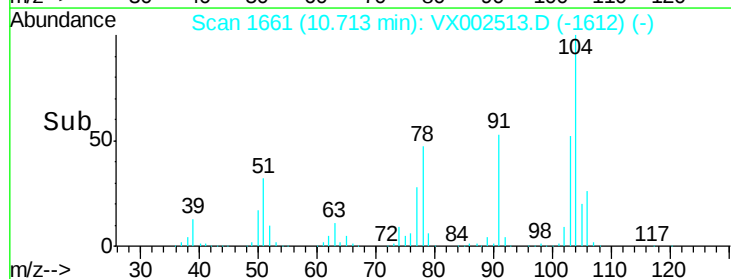
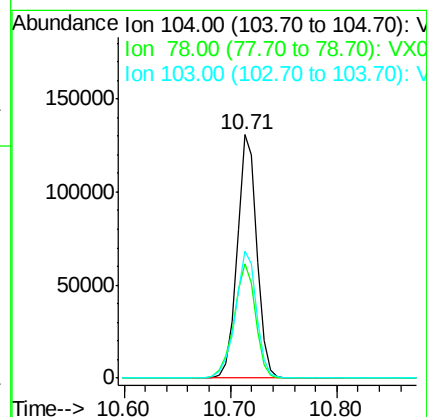
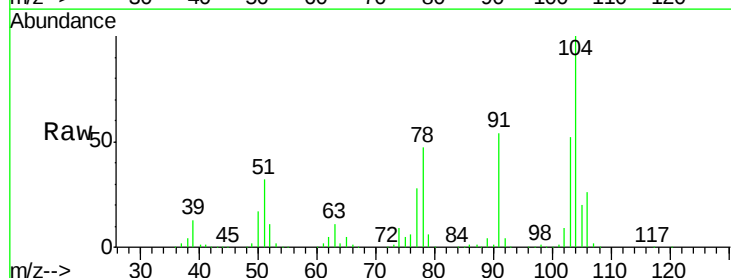
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 101010
Ion Ratio Lower Upper
106 100
91 216.9 108.2 324.6



#70
Styrene
Concen: 21.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:104 Resp: 168556
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 56.6 44.2 66.4

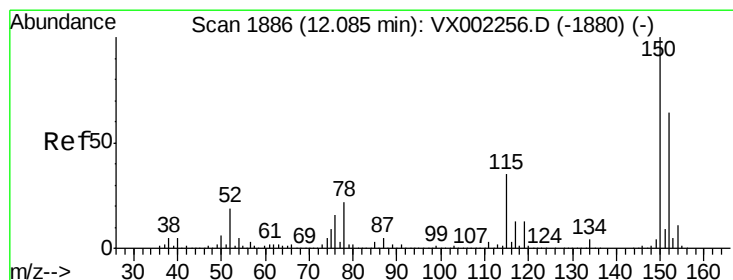
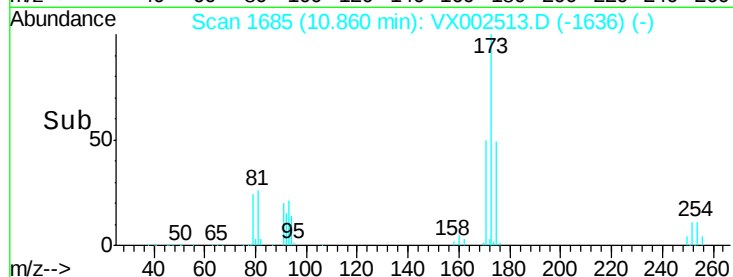
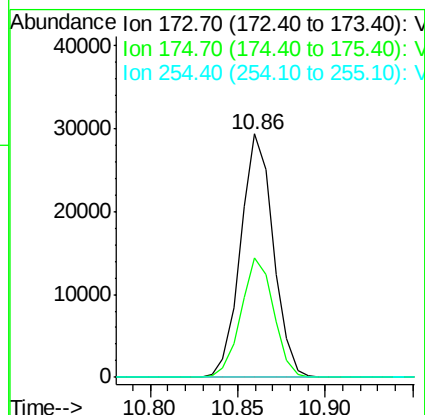
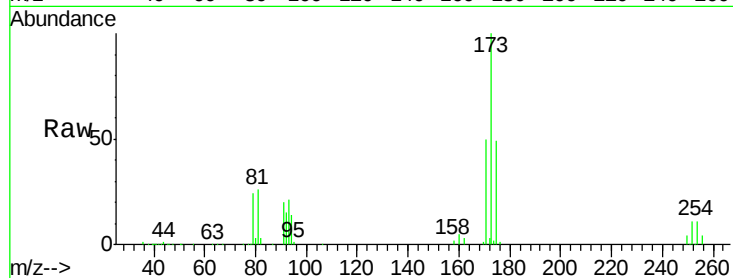




#71
Bromoform
Concen: 18.51 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

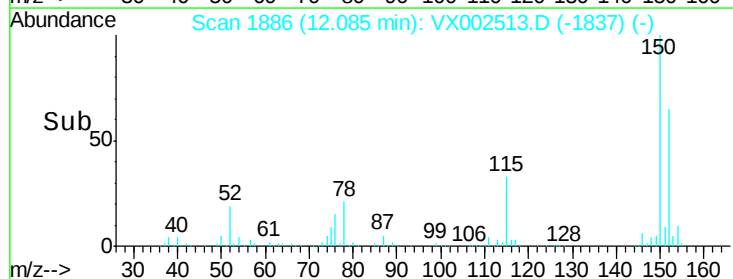
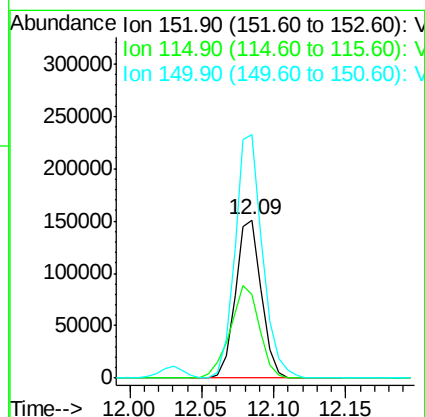
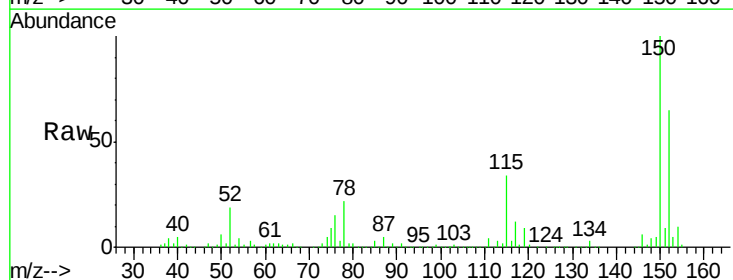
Instrument :
MSVOA_X
ClientSampleId :

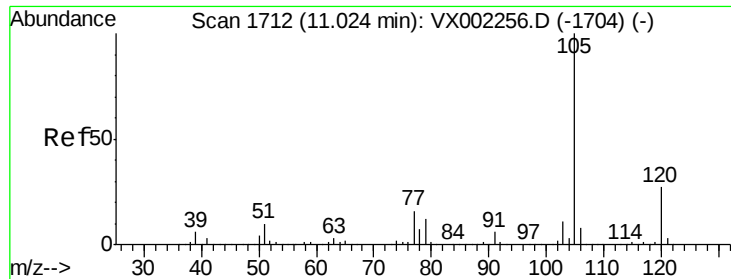
Tot Ion:173 Resp: 38142
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:152 Resp: 190120
Ion Ratio Lower Upper
152 100
115 66.1 40.1 120.2
150 163.0 0.0 347.2





#73

Isopropylbenzene

Concen: 21.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

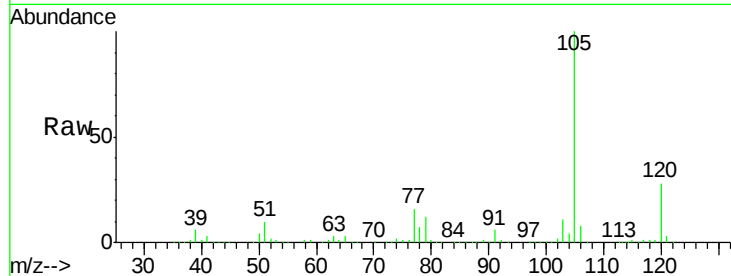
ClientSampleId :

Tot Ion:105 Resp: 285013

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

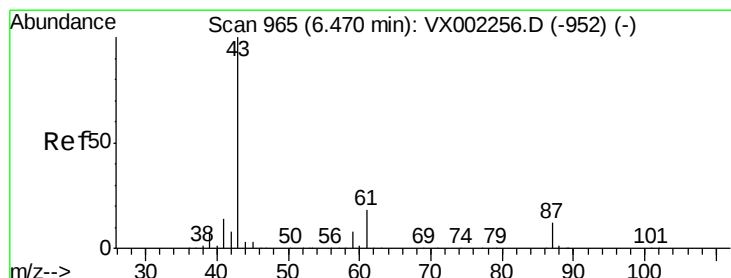
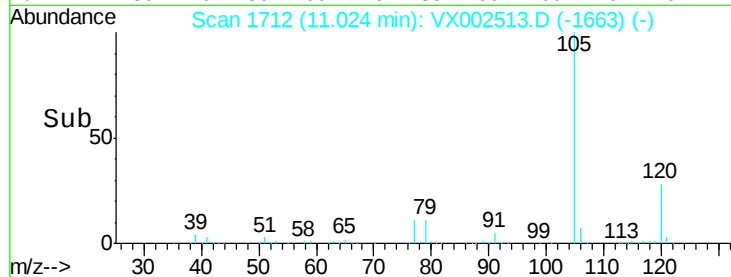
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.22 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion: 43 Resp: 129850

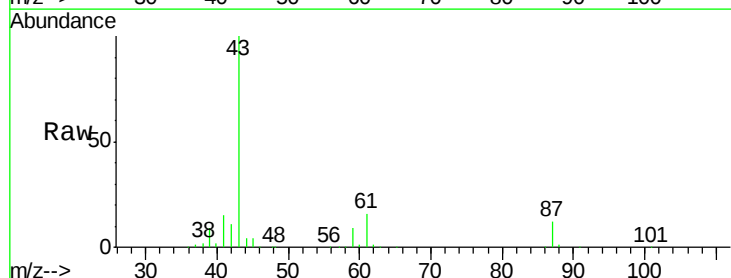
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

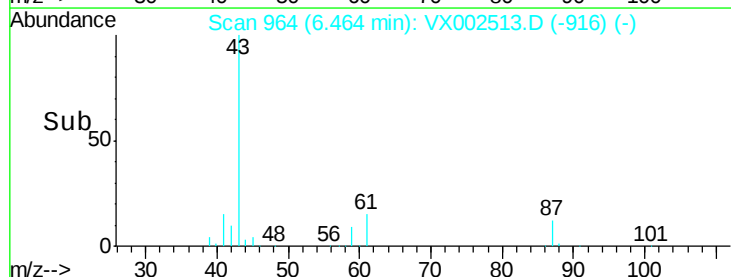
6.46

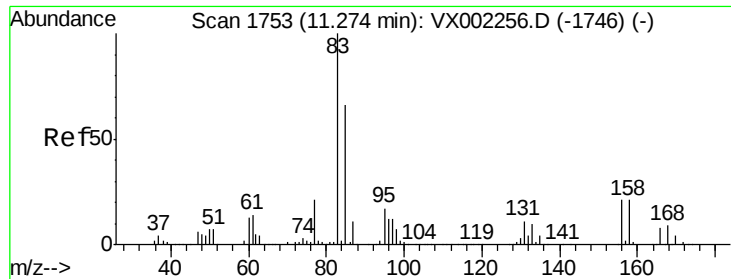
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

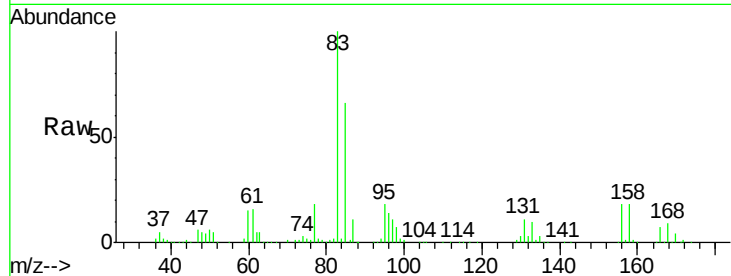
Tot Ion: 83 Resp: 82984

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

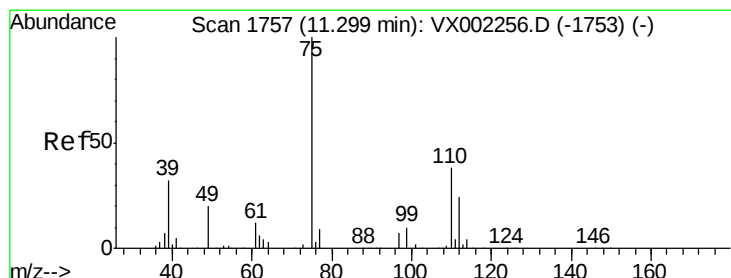
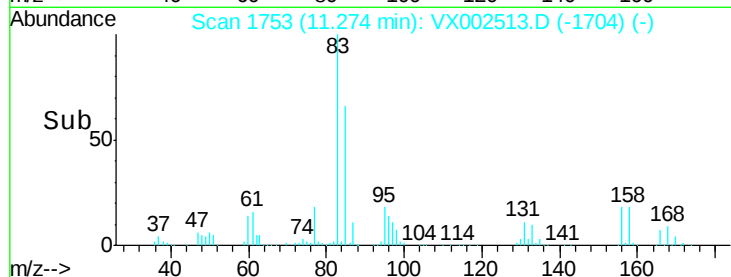
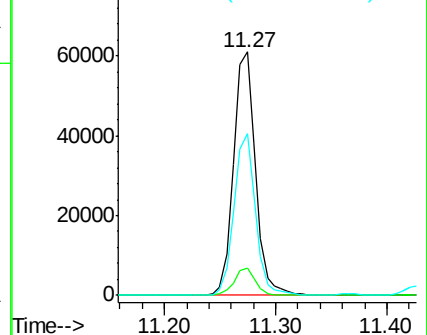
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.44 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002513.D

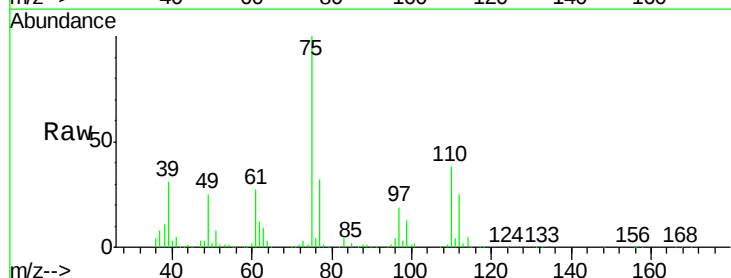
Acq: 13 Jun 2018 17:12

Tgt Ion: 75 Resp: 93607

Ion Ratio Lower Upper

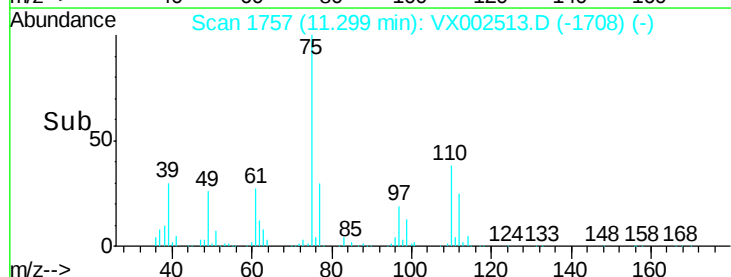
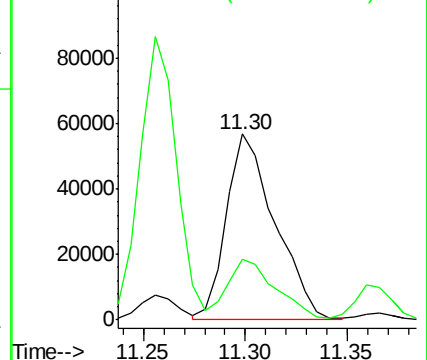
75 100

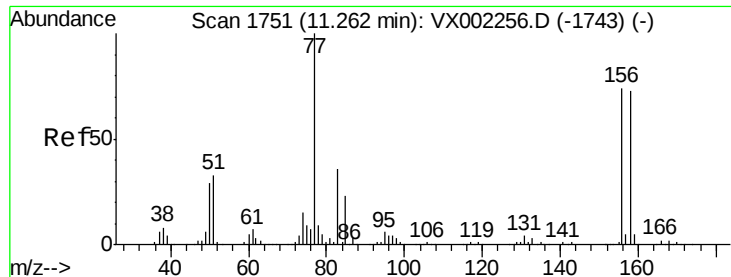
77 32.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

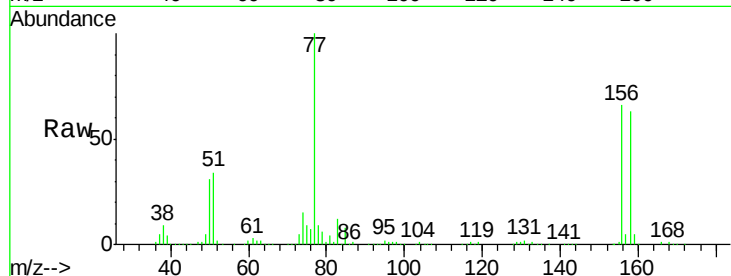
Tot Ion:156 Resp: 75773

Ion Ratio Lower Upper

156 100

77 141.6 71.4 214.2

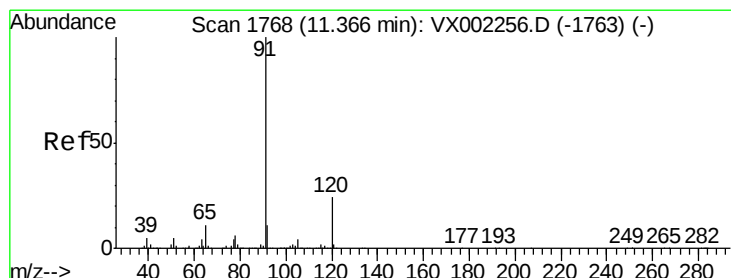
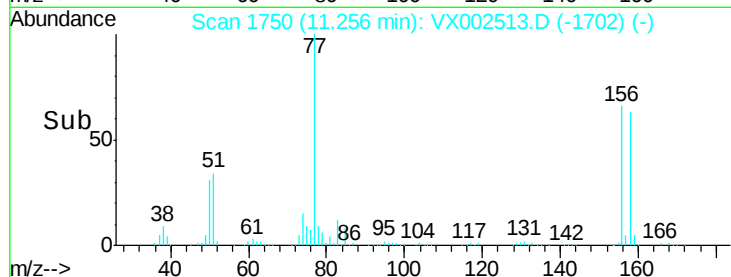
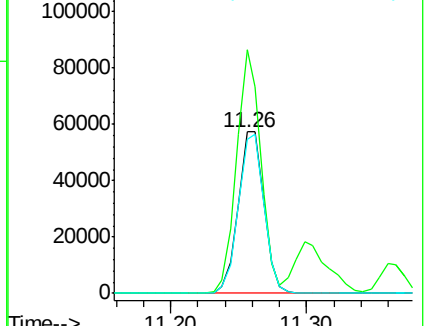
158 97.5 48.9 146.6



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: 22.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002513.D

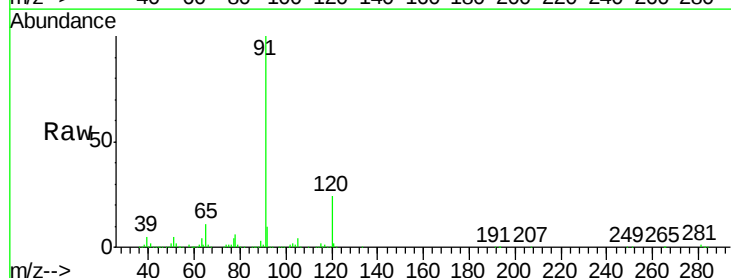
Acq: 13 Jun 2018 17:12

Tgt Ion: 91 Resp: 329082

Ion Ratio Lower Upper

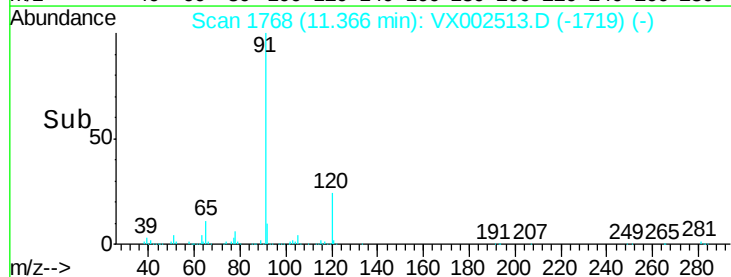
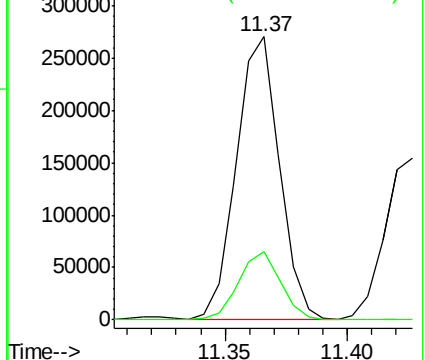
91 100

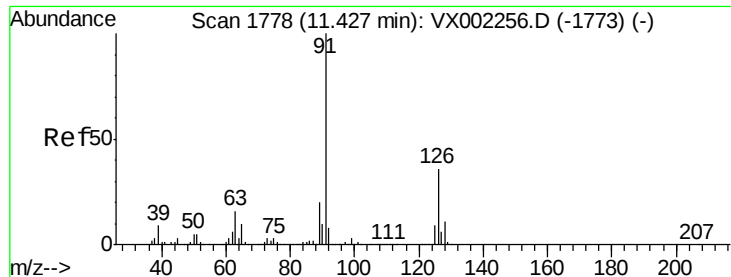
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.66 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

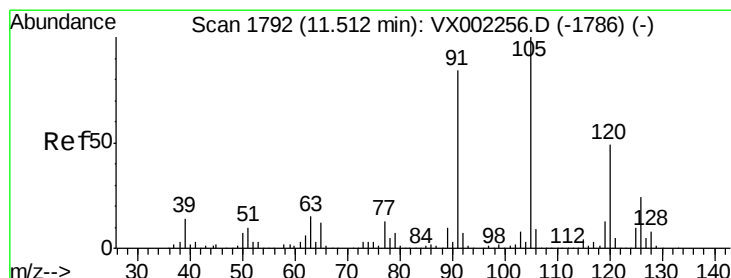
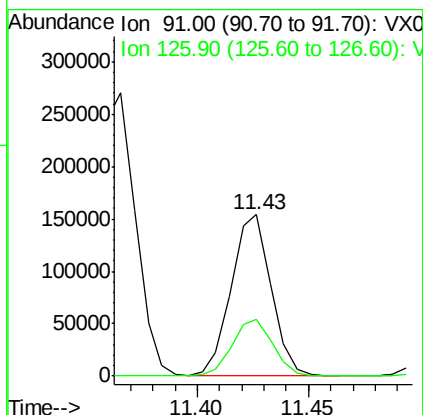
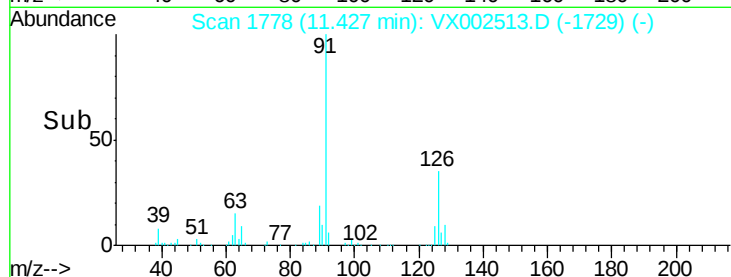
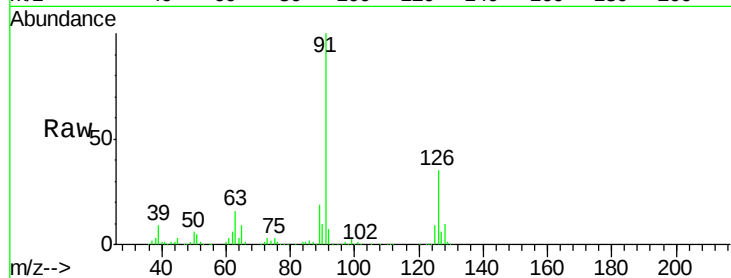
ClientSampled :

Tot Ion: 91 Resp: 191789

Ion Ratio Lower Upper

91 100

126 35.9 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 21.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002513.D

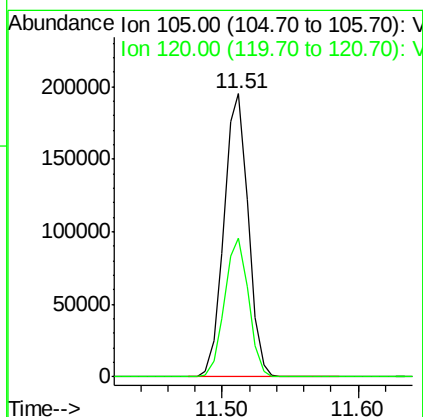
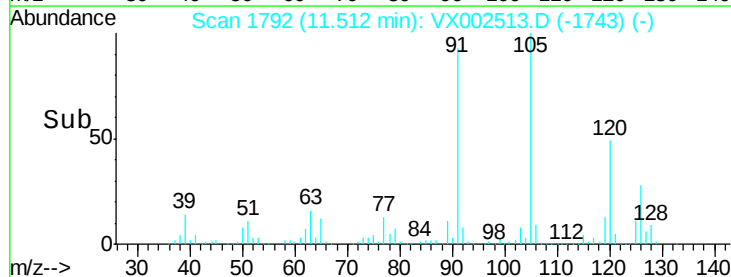
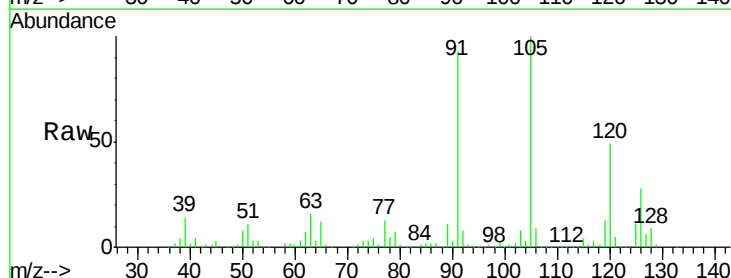
Acq: 13 Jun 2018 17:12

Tgt Ion:105 Resp: 241221

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

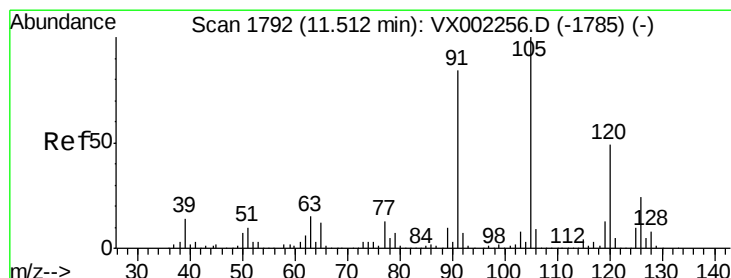
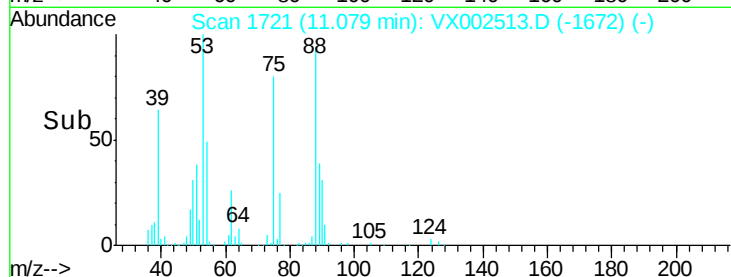
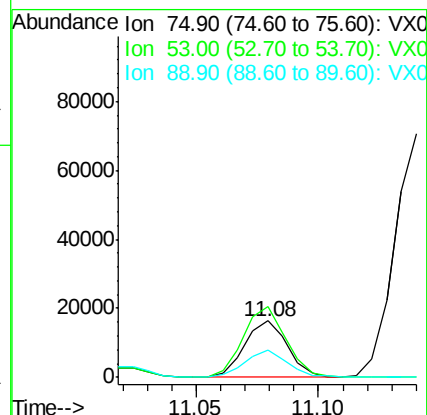
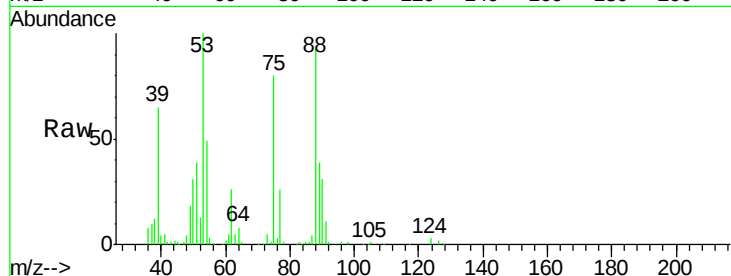
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 19895

Ion	Ratio	Lower	Upper
75	100		
53	125.0	86.8	130.2
89	49.3	38.2	57.2



#82

4-Chlorotoluene

Concen: 21.33 ug/l

RT: 11.51 min Scan# 1792

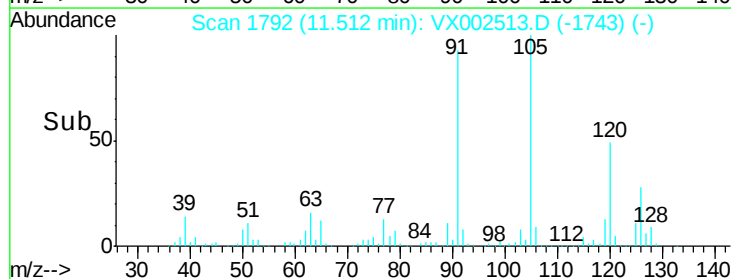
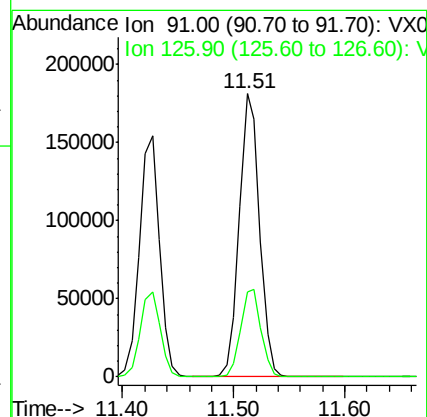
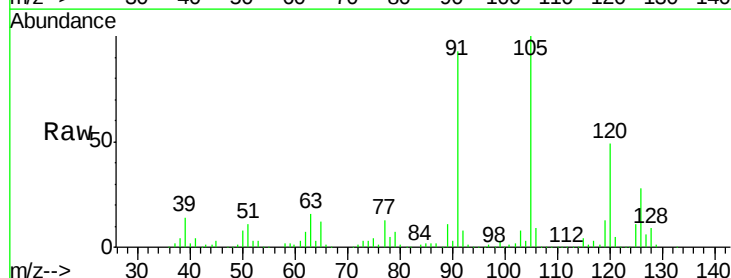
Delta R.T. -0.00 min

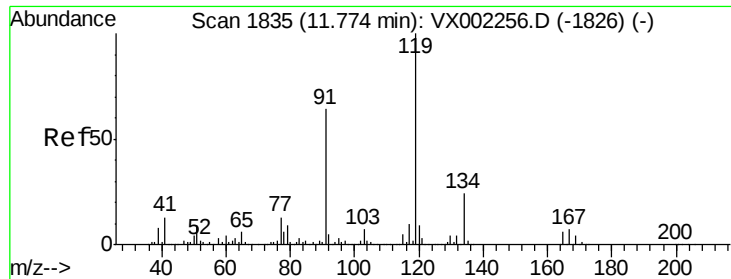
Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion: 91 Resp: 228549

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4

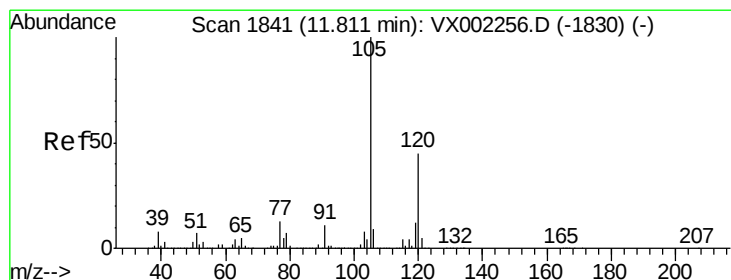
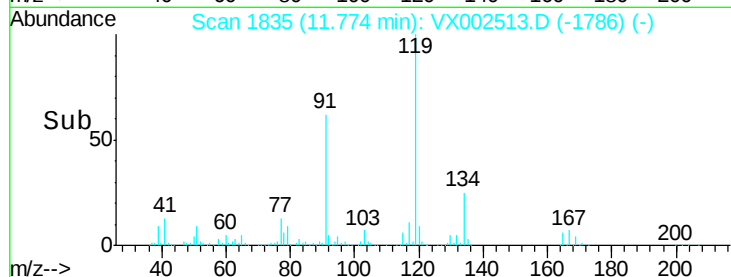
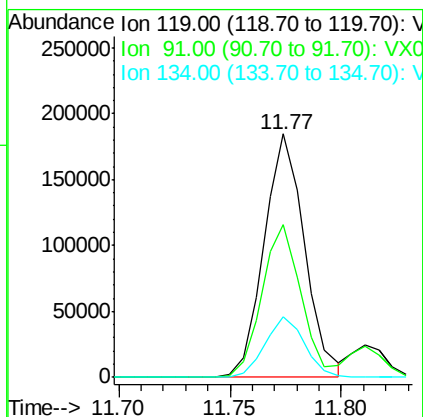
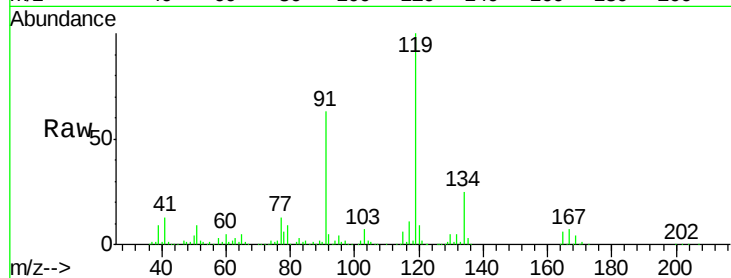




#83
tert-Butylbenzene
Concen: 21.08 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

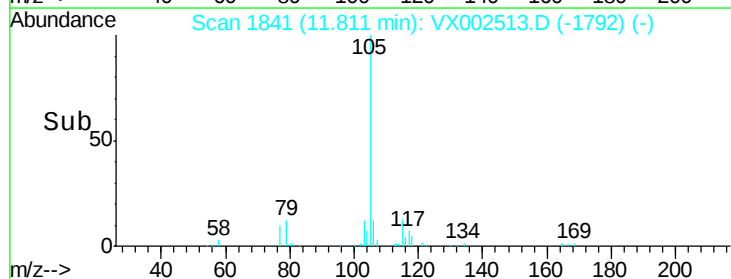
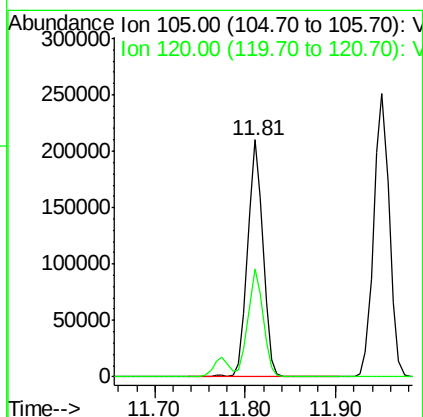
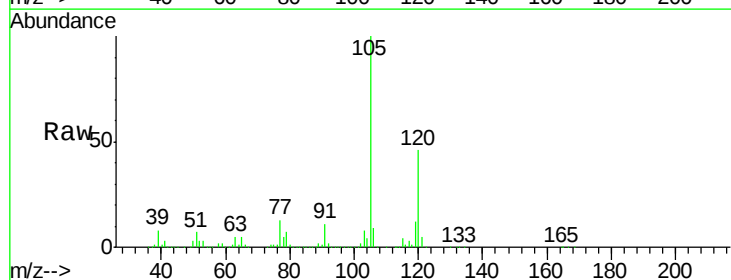
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 232815
Ion Ratio Lower Upper
119 100
91 61.4 30.3 90.9
134 24.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.23 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:105 Resp: 247946
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

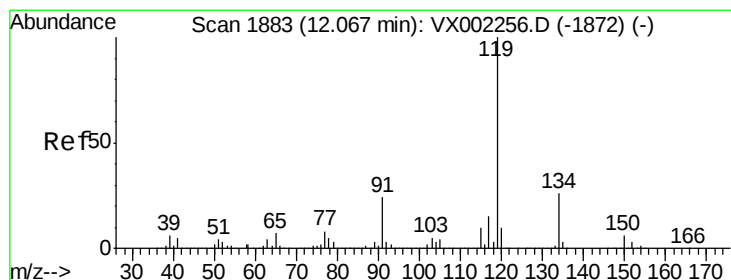
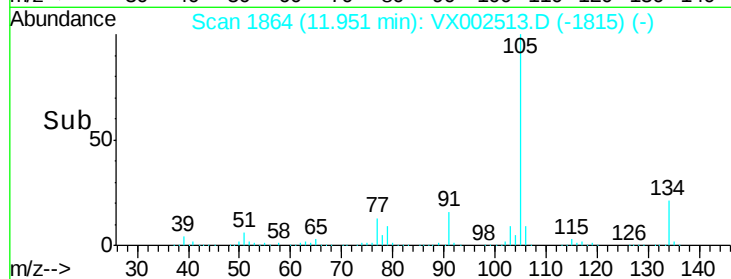
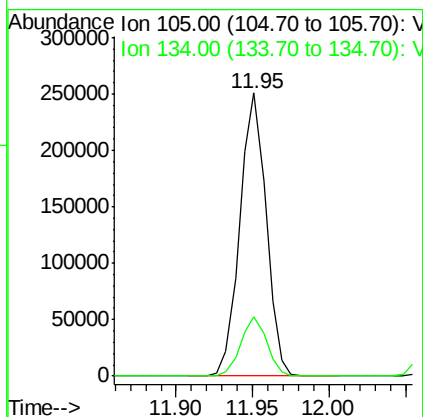
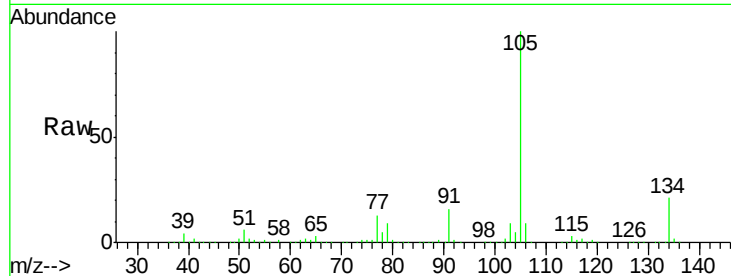




#85
 sec-Butylbenzene
 Concen: 23.13 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

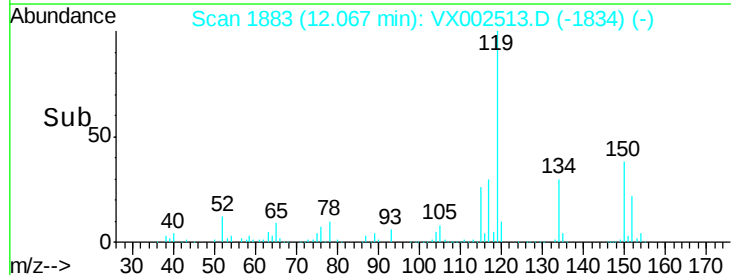
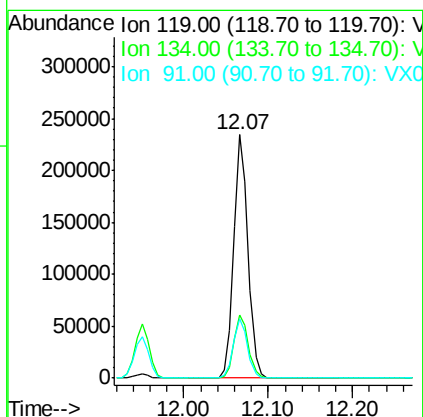
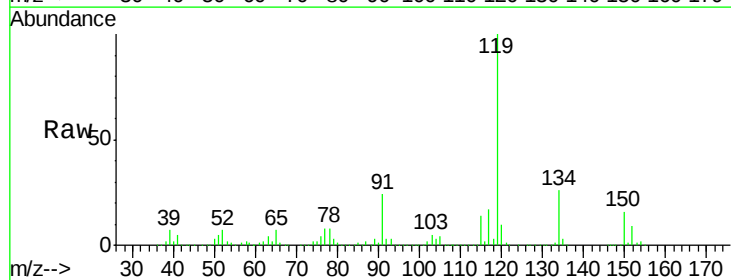
Instrument :
 MSVOA_X
 ClientSampleId :

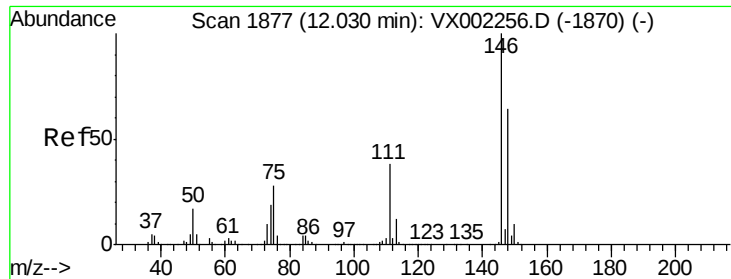
Tot Ion:105 Resp: 299480
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 22.79 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion:119 Resp: 268885
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 24.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 21.23 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

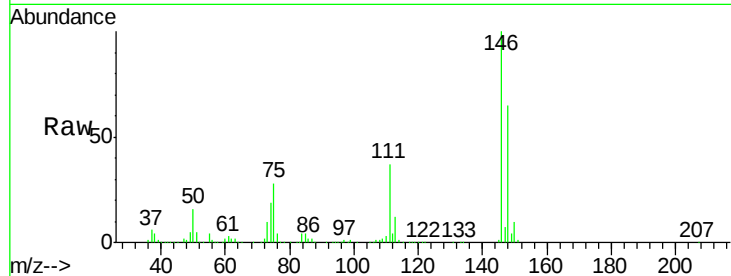
Tot Ion:146 Resp: 140971

Ion Ratio Lower Upper

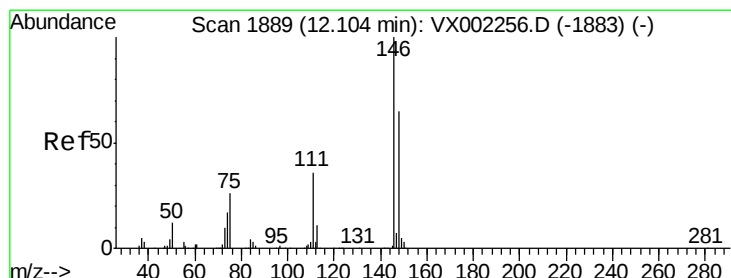
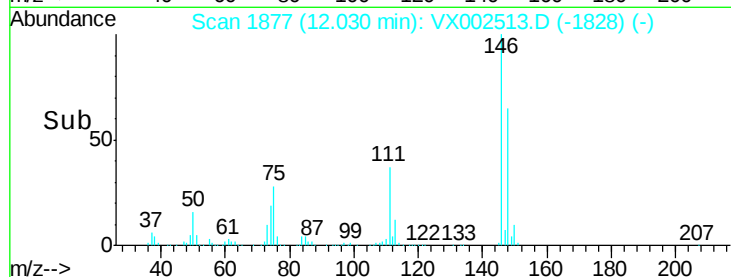
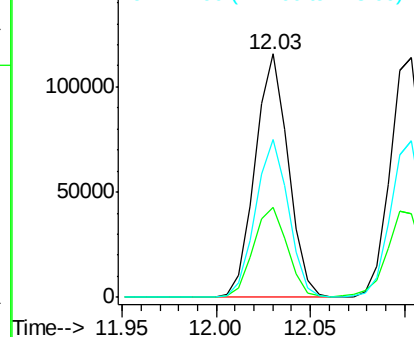
146 100

111 38.2 18.9 56.7

148 64.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 21.04 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

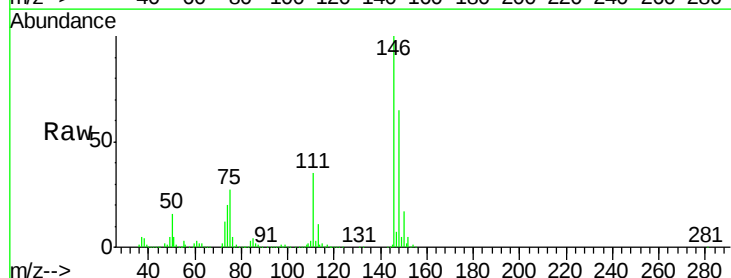
Tgt Ion:146 Resp: 143946

Ion Ratio Lower Upper

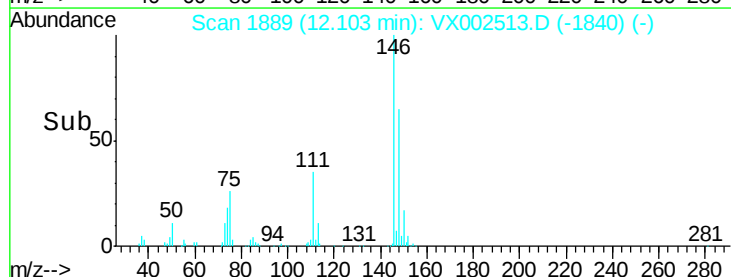
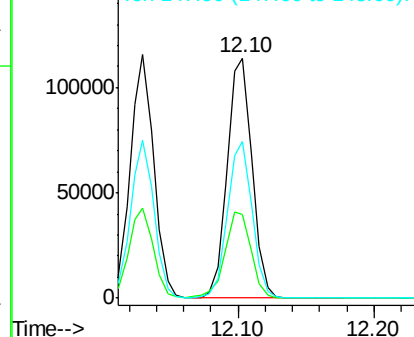
146 100

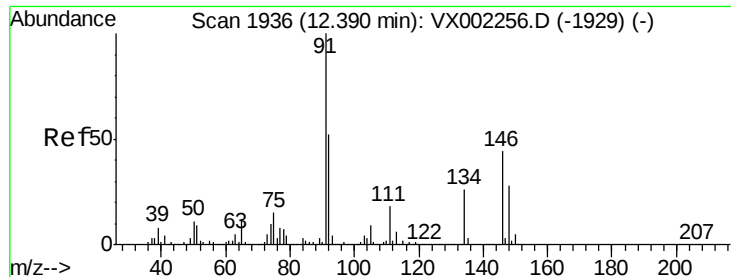
111 37.8 18.7 56.1

148 65.0 32.4 97.0



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





#89

n-Butylbenzene

Concen: 24.30 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

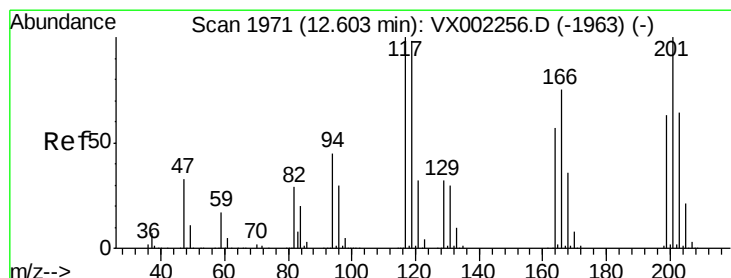
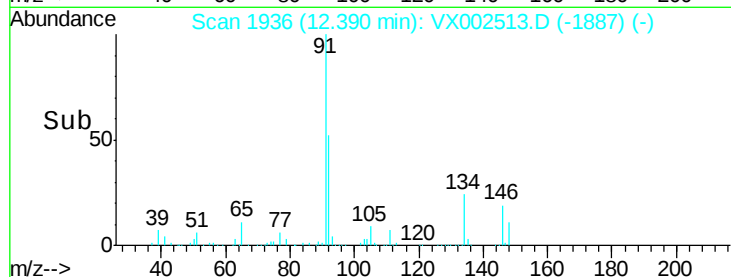
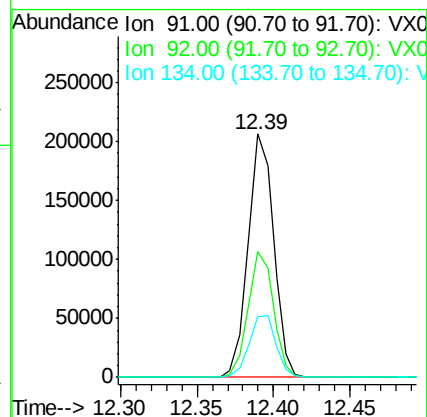
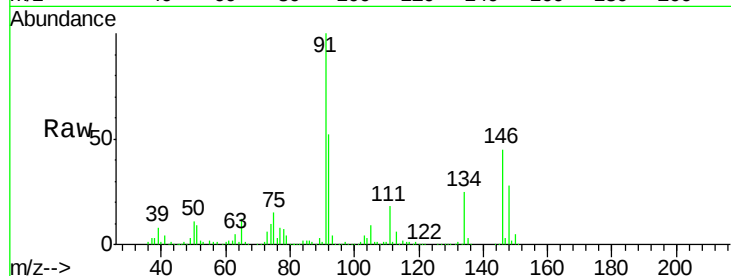
Tot Ion: 91 Resp: 240382

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 26.5 13.5 40.5



#90

Hexachloroethane

Concen: 19.10 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002513.D

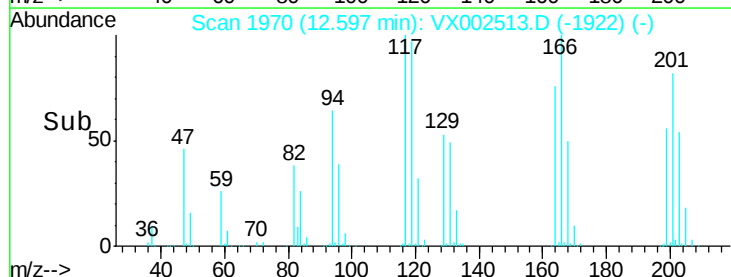
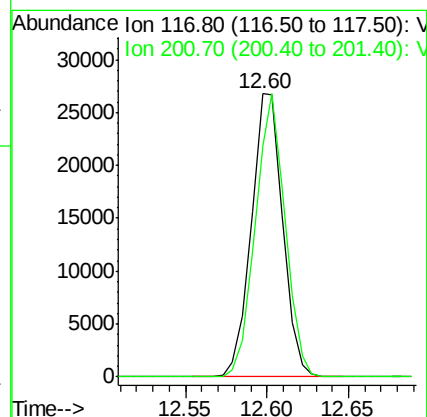
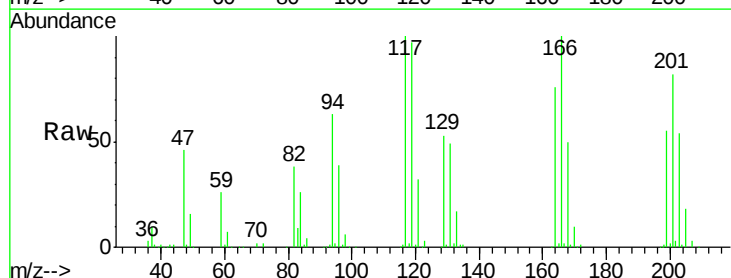
Acq: 13 Jun 2018 17:12

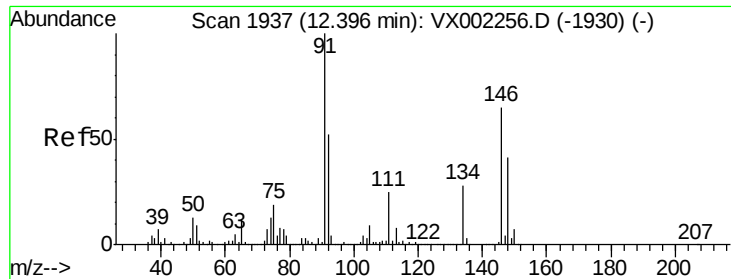
Tgt Ion: 117 Resp: 35959

Ion Ratio Lower Upper

117 100

201 94.2 49.0 147.0

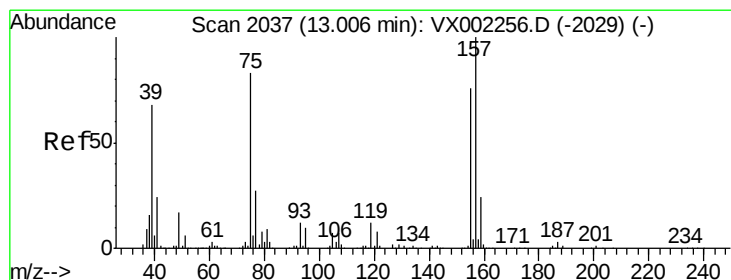
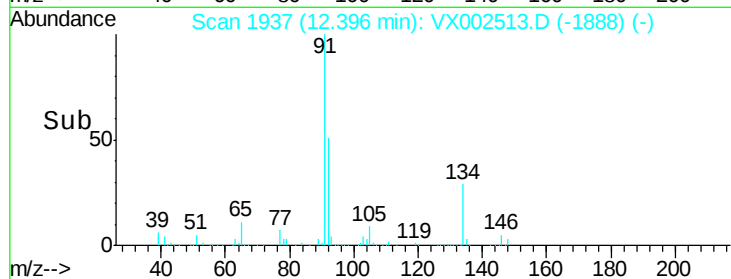
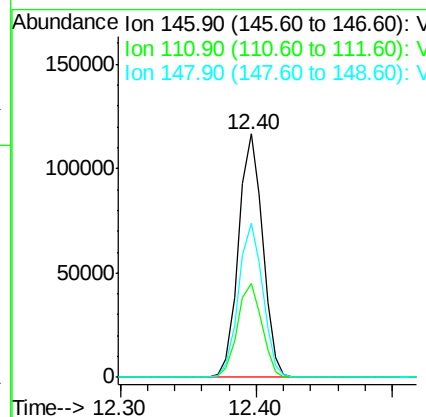
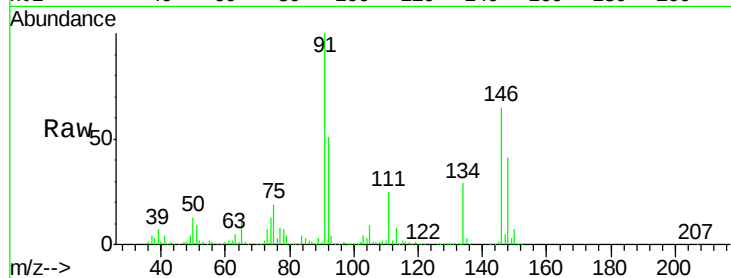




#91
 1,2-Dichlorobenzene
 Concen: 20.94 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

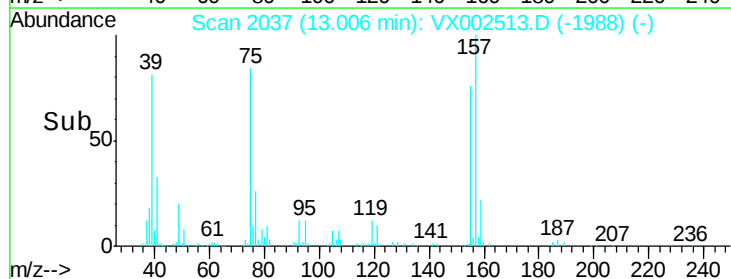
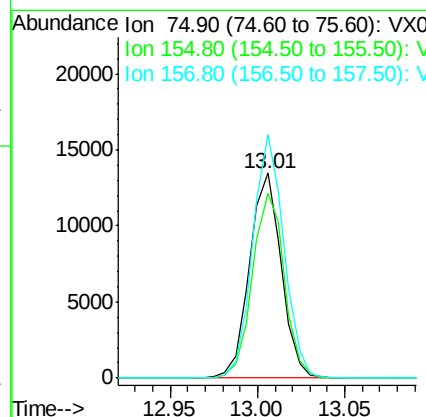
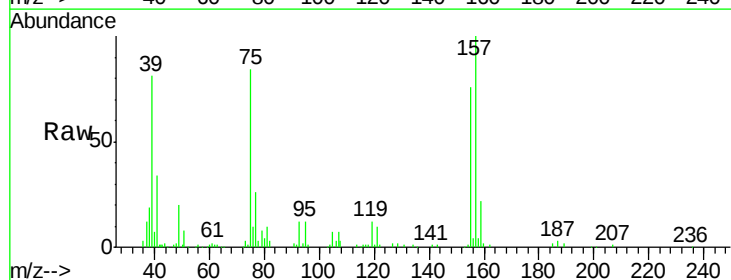
Instrument :
 MSVOA_X
 ClientSampleId :

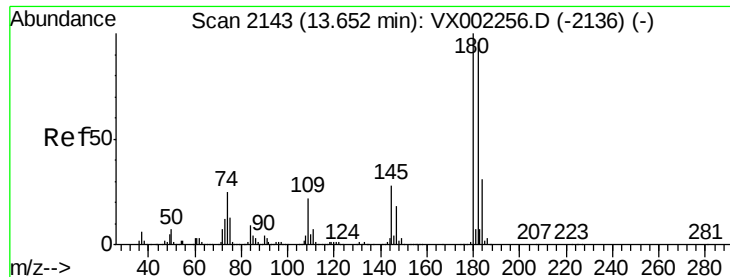
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.1
148	63.7	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.62 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	45.8	137.4
157	116.4	60.1	180.3

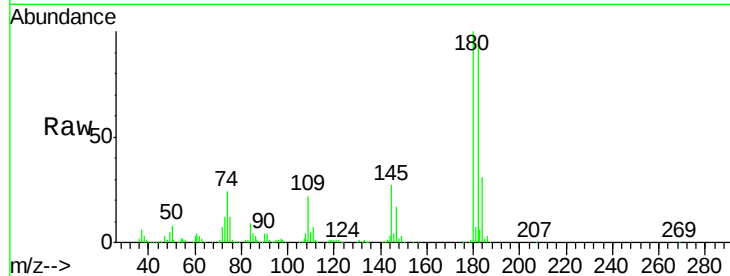




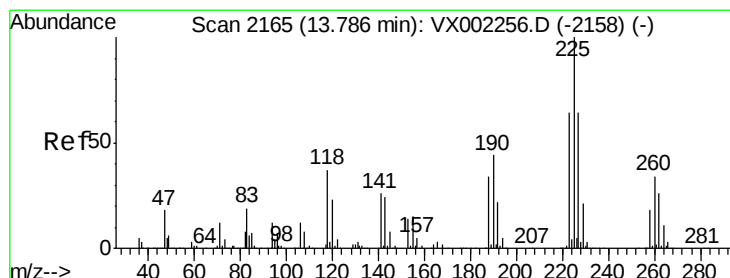
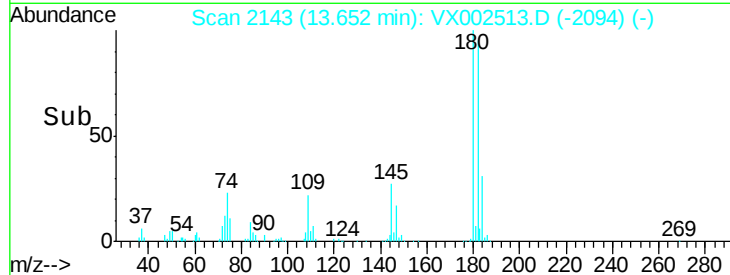
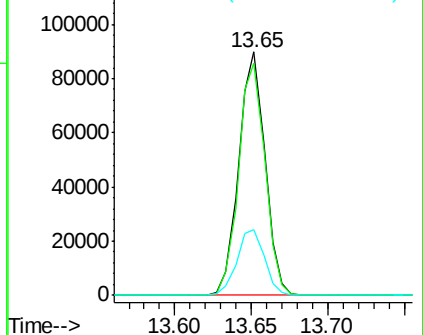
#93
 1,2,4-Trichlorobenzene
 Concen: 22.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	28.2	14.1	42.4

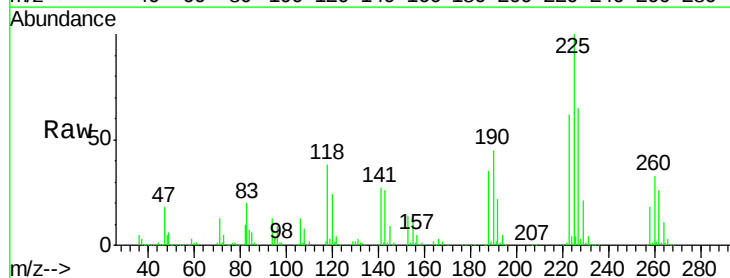


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

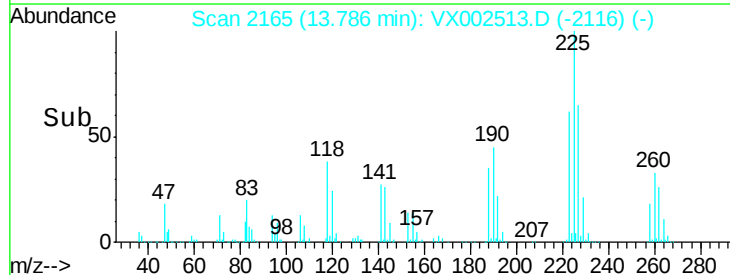
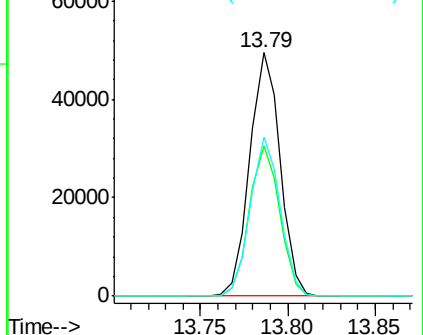


#94
 Hexachlorobutadiene
 Concen: 25.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.6	95.0
227	64.3	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

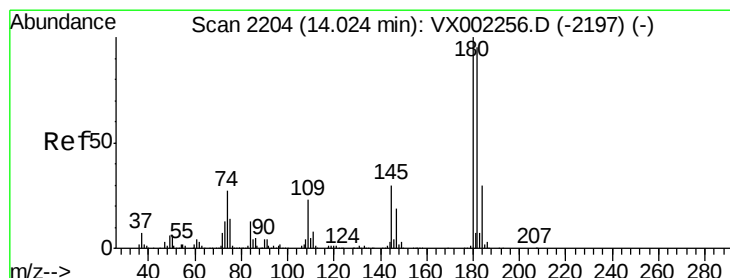
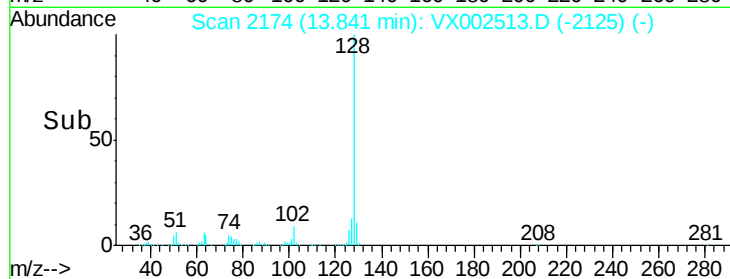
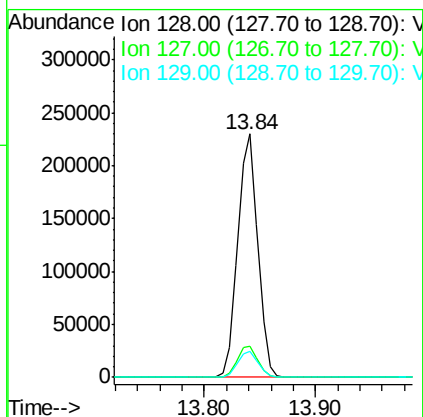
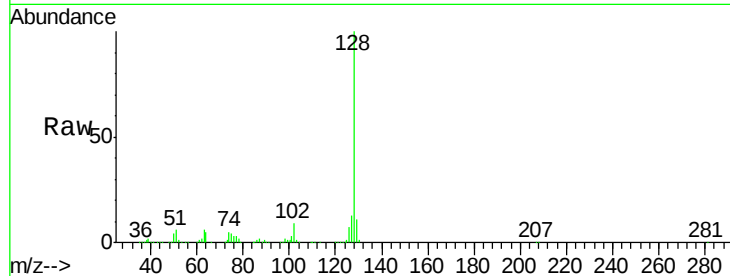




#95
Naphthalene
Concen: 20.70 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 286493
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.86 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:180 Resp: 107355
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.0
145 29.5 14.8 44.3

