

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002524.D
 Acq On : 13 Jun 2018 22:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:32:53 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	199833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	140532	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.24%		
35) Dibromofluoromethane	5.51	113	111587	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.02%		
50) Toluene-d8	8.72	98	417910	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.76%		
62) 4-Bromofluorobenzene	11.14	95	162463	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.54%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89330	43.00	ug/l	99
3) Chloromethane	1.32	50	106776	44.55	ug/l	99
4) Vinyl Chloride	1.41	62	120308	45.95	ug/l	97
5) Bromomethane	1.64	94	73236	49.39	ug/l	100
6) Chloroethane	1.72	64	83870	49.52	ug/l	100
7) Trichlorofluoromethane	1.93	101	215377	53.99	ug/l	99
8) Diethyl Ether	2.19	74	81171	57.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120749	56.09	ug/l	100
10) Methyl Iodide	2.51	142	138901	45.88	ug/l	99
11) Tert butyl alcohol	3.09	59	175964	304.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106108	49.88	ug/l	99
13) Acrolein	2.30	56	50077	173.51	ug/l	98
14) Allyl chloride	2.73	41	219690	47.59	ug/l	99
15) Acrylonitrile	3.15	53	371850	307.99	ug/l	100
16) Acetone	2.45	43	348868	286.68	ug/l	98
17) Carbon Disulfide	2.57	76	224540	40.05	ug/l	98
18) Methyl Acetate	2.78	43	181704	64.24	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	433427	58.93	ug/l	100
20) Methylene Chloride	2.86	84	127598	56.85	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	117012	49.88	ug/l	97
22) Diisopropyl ether	3.88	45	396363	51.43	ug/l	98
23) Vinyl Acetate	3.83	43	1702761	227.51	ug/l	99
24) 1,1-Dichloroethane	3.70	63	200391	43.92	ug/l	99
25) 2-Butanone	4.71	43	466292	237.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	134461	37.70	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	119407	46.80	ug/l	92
28) Bromochloromethane	5.03	49	105389	54.64	ug/l	99
29) Tetrahydrofuran	5.17	42	306178	242.37	ug/l	99
30) Chloroform	5.22	83	216256	49.11	ug/l	98
31) Cyclohexane	5.57	56	164214	45.51	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	181030	48.48	ug/l	99
36) 1,1-Dichloropropene	5.80	75	148462	48.77	ug/l	99
37) Ethyl Acetate	4.87	43	184603	50.43	ug/l	100
38) Carbon Tetrachloride	5.79	117	157453	49.45	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168280	44.78	ug/l	98
40) Benzene	6.15	78	450798	48.30	ug/l	99
41) Methacrylonitrile	5.07	41	104611	49.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	183744	49.55	ug/l	100
43) Isopropyl Acetate	6.47	43	302788	48.70	ug/l	100
44) Trichloroethene	7.22	130	128365	49.56	ug/l	97
45) 1,2-Dichloropropane	7.52	63	122454	48.60	ug/l	98
46) Dibromomethane	7.67	93	83996	49.18	ug/l	98
47) Bromodichloromethane	7.90	83	156730	50.73	ug/l	99
48) Methyl methacrylate	7.78	41	155870	49.91	ug/l	98
49) 1,4-Dioxane	7.76	88	61389	1051.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1027313	265.32	ug/l	100
52) Toluene	8.79	92	296999	50.03	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	179625	48.49	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	167172	47.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	126462	51.80	ug/l	98
56) Ethyl methacrylate	9.18	69	197750	50.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	208186	50.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	466529	258.60	ug/l	99
59) 2-Hexanone	9.50	43	786833	263.09	ug/l	99
60) Dibromochloromethane	9.59	129	130236	53.03	ug/l	100
61) 1,2-Dibromoethane	9.68	107	133353	52.39	ug/l	99
64) Tetrachloroethene	9.34	164	141945	47.85	ug/l	96
65) Chlorobenzene	10.14	112	348502	48.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	128463	49.57	ug/l	99
67) Ethyl Benzene	10.26	91	597374	49.87	ug/l	99
68) m/p-Xylenes	10.37	106	463482	99.54	ug/l	100
69) o-Xylene	10.70	106	228577	49.33	ug/l	100
70) Styrene	10.72	104	392165	51.77	ug/l	99
71) Bromoform	10.86	173	100407	43.73	ug/l #	98
73) Isopropylbenzene	11.02	105	624392	47.31	ug/l	100
74) N-amyl acetate	6.47	43	302788	42.58	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	195923	47.20	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	224182	53.85	ug/l	80
77) Bromobenzene	11.26	156	171544	46.30	ug/l	99
78) n-propylbenzene	11.37	91	715208	48.75	ug/l	100
79) 2-Chlorotoluene	11.43	91	425198	45.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	542332	47.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48045	40.45	ug/l	94
82) 4-Chlorotoluene	11.51	91	508646	47.57	ug/l	99
83) tert-Butylbenzene	11.77	119	524810	47.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	552686	47.43	ug/l	100
85) sec-Butylbenzene	11.95	105	646645	50.04	ug/l	100
86) p-Isopropyltoluene	12.07	119	584637	49.66	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	319303	48.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	327174	47.91	ug/l	99
89) n-Butylbenzene	12.39	91	510087	51.67	ug/l	100
90) Hexachloroethane	12.60	117	85679	45.60	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	328783	47.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44295	48.80	ug/l	99

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QLast Update : Tue Jun 05 03:22:35 2018
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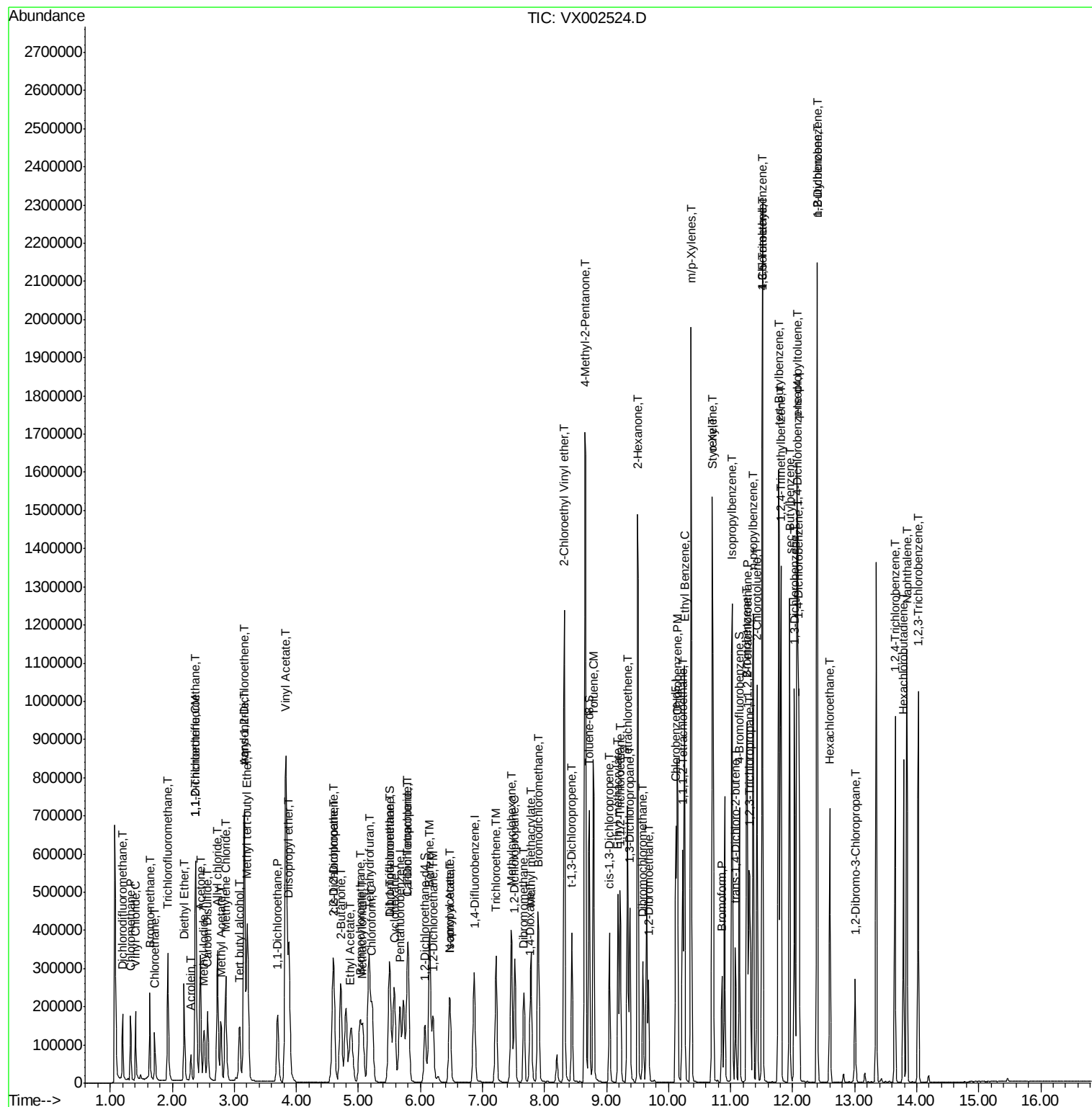
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238521	49.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	125649	52.90	ug/l	99
95) Naphthalene	13.84	128	684464	49.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246331	50.25	ug/l	100

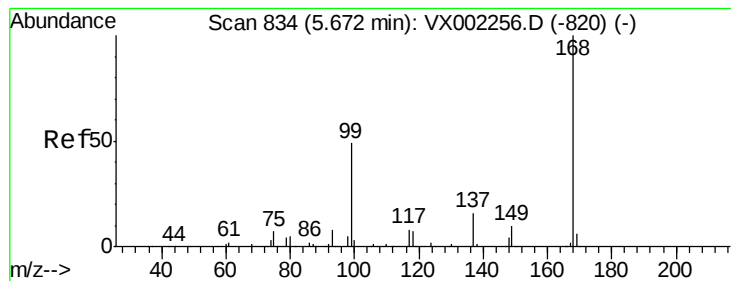
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

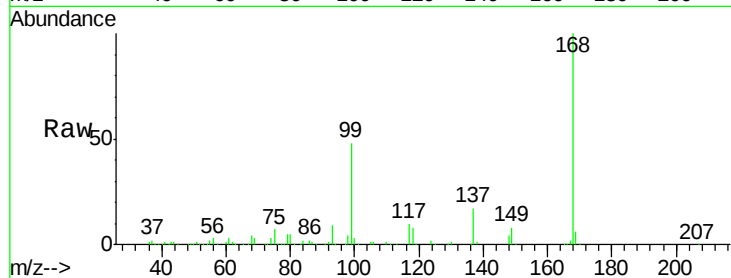
ClientSampleId :

Tot Ion:168 Resp: 199833

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

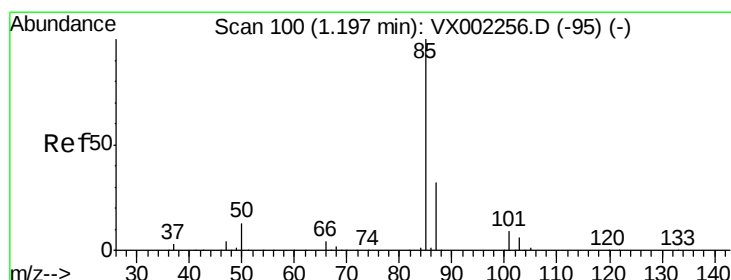
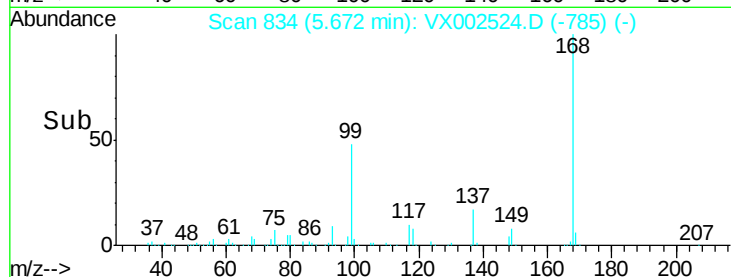
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002524.D

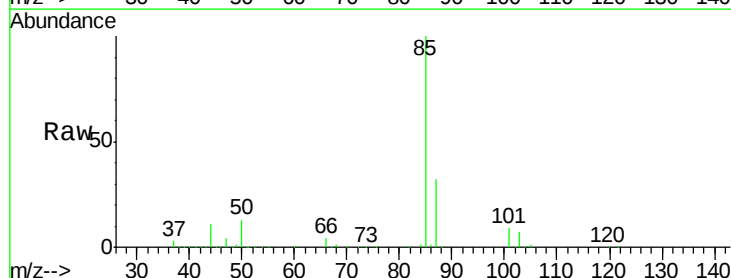
Acq: 13 Jun 2018 22:41

Tgt Ion: 85 Resp: 89330

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

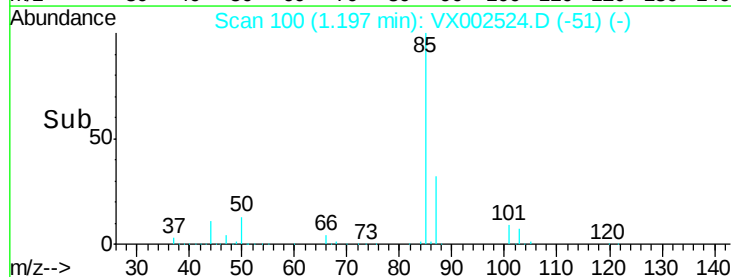
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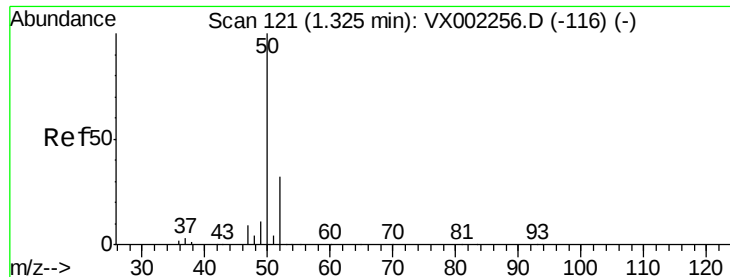
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

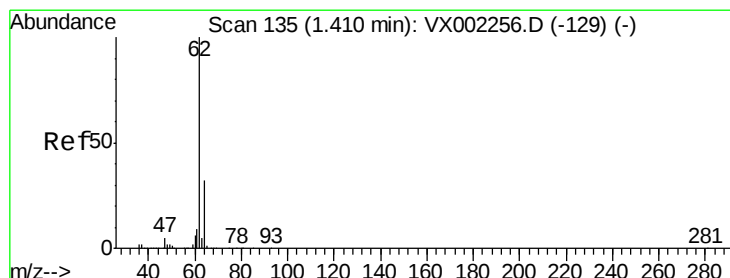
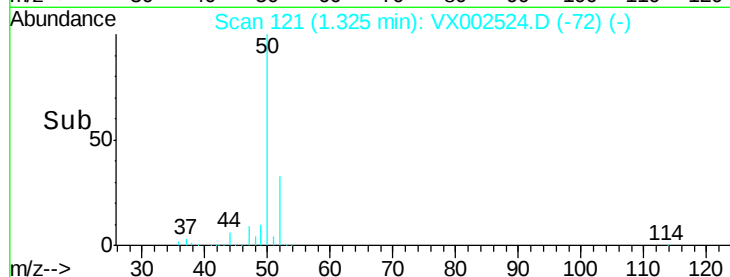
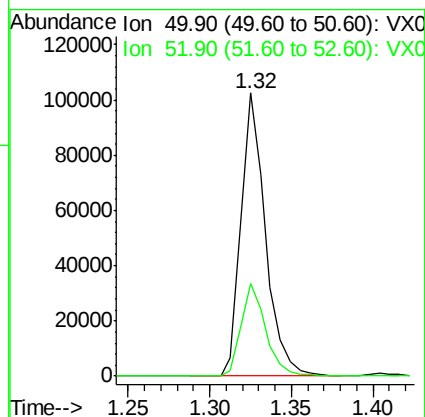
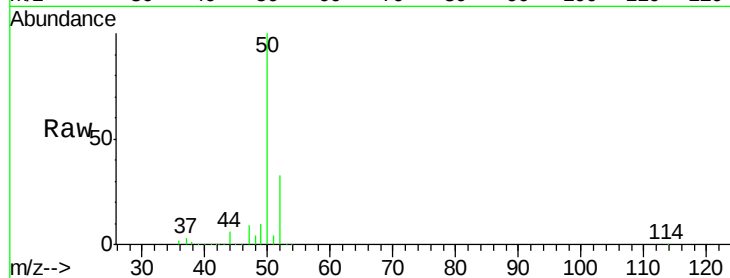
ClientSampled :

Tot Ion: 50 Resp: 106776

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 45.95 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002524.D

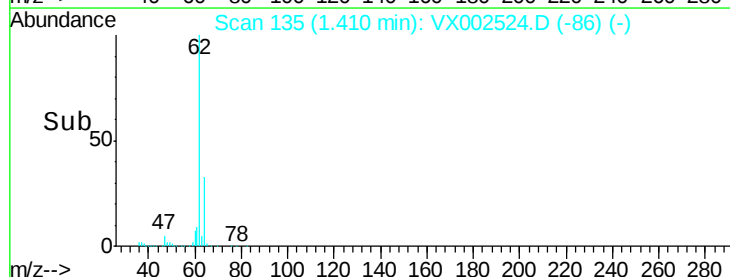
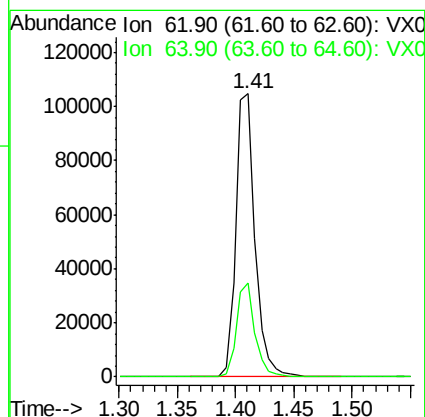
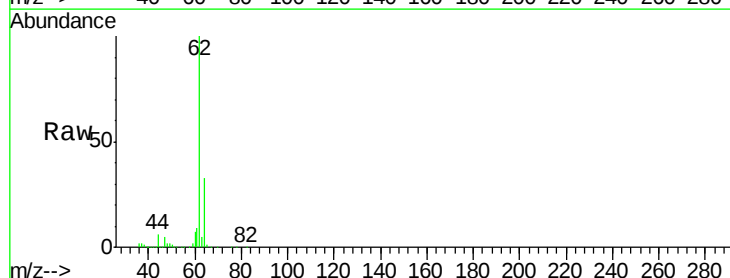
Acq: 13 Jun 2018 22:41

Tgt Ion: 62 Resp: 120308

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2





#5

Bromomethane

Concen: 49.39 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

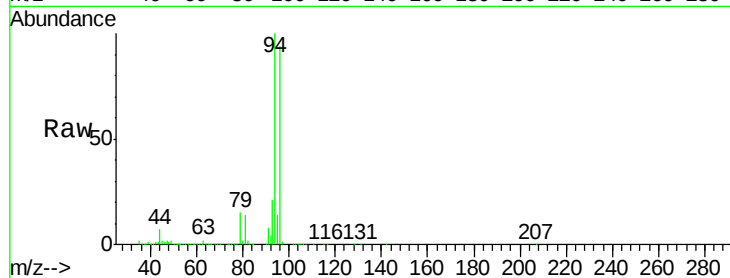
ClientSampled :

Tot Ion: 94 Resp: 73236

Ion Ratio Lower Upper

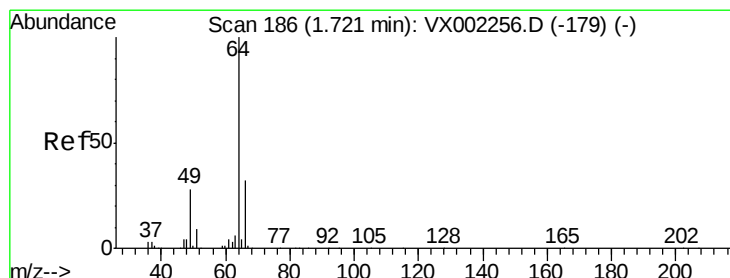
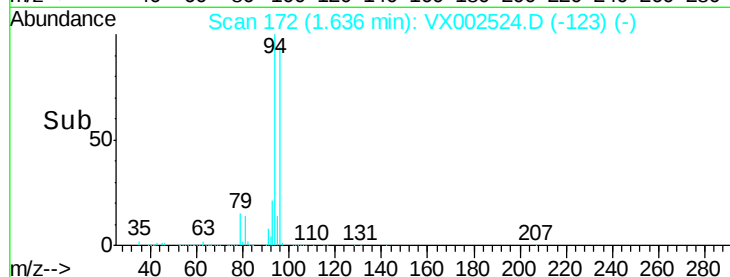
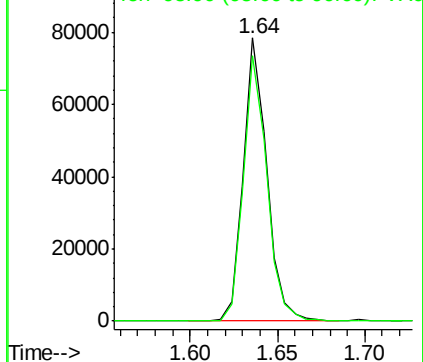
94 100

96 93.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.52 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002524.D

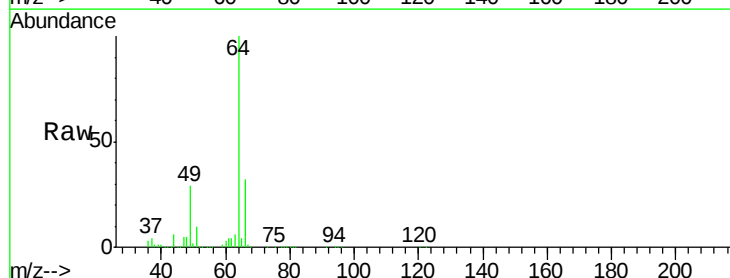
Acq: 13 Jun 2018 22:41

Tgt Ion: 64 Resp: 83870

Ion Ratio Lower Upper

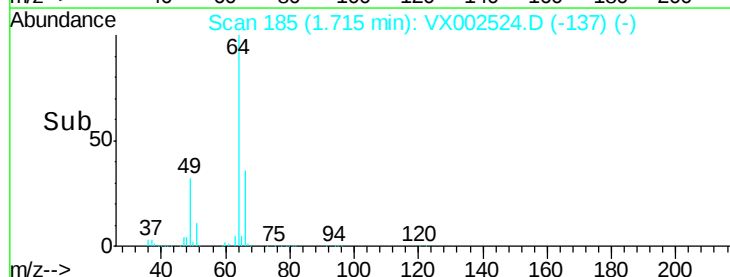
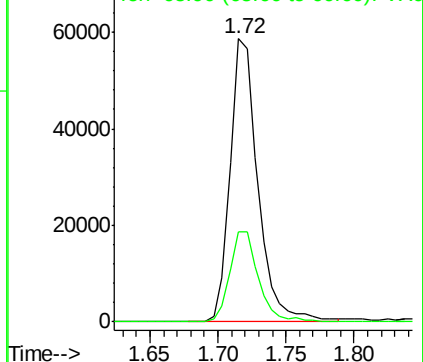
64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



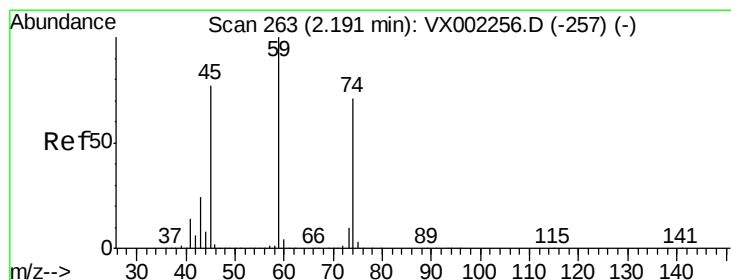
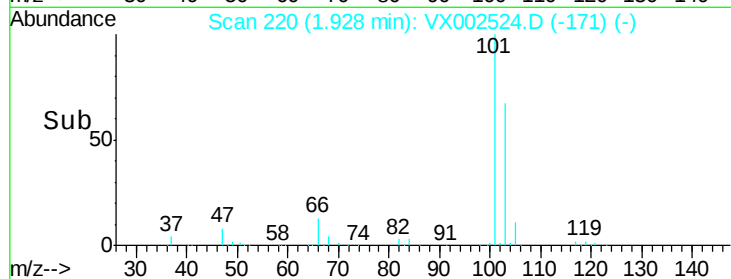
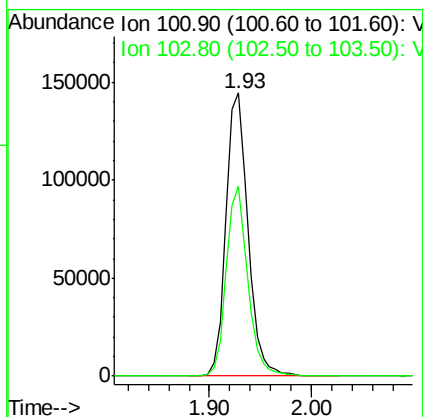
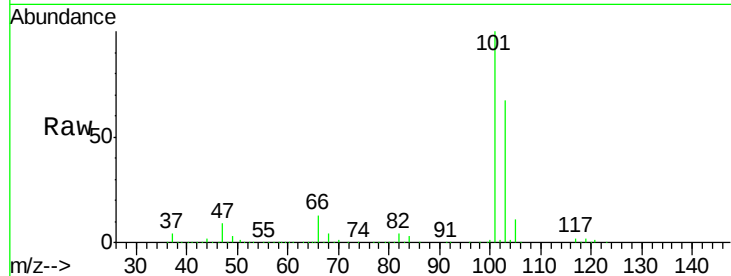


#7

Trichlorofluoromethane
 Concen: 53.99 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :

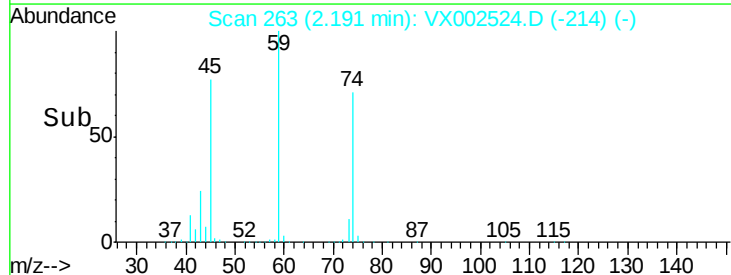
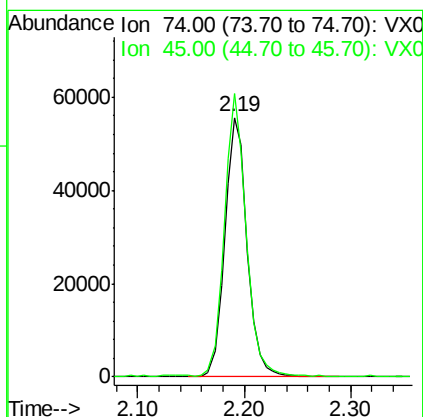
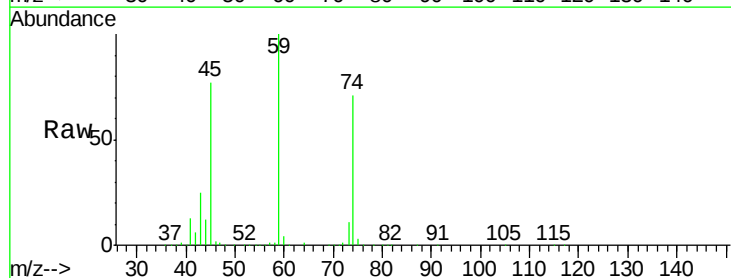
Tot Ion:101 Resp: 215377
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.8 79.2



#8

Diethyl Ether
 Concen: 57.63 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion: 74 Resp: 81171
 Ion Ratio Lower Upper
 74 100
 45 105.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.09 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

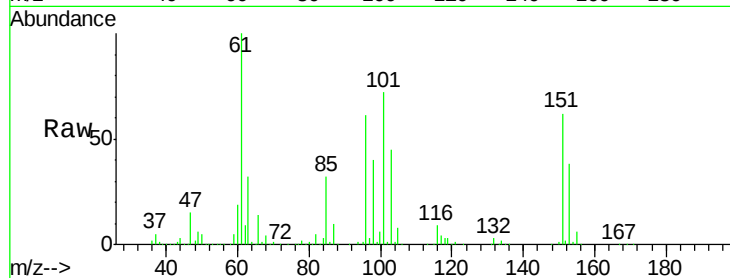
Tot Ion:101 Resp: 120749

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

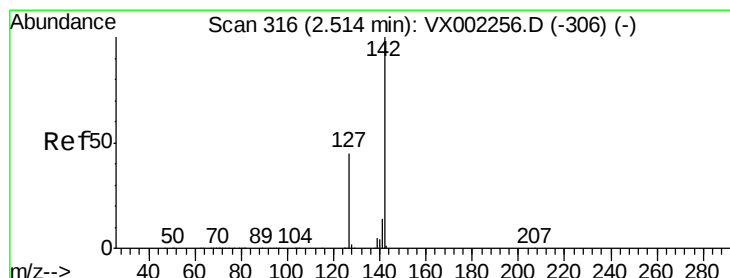
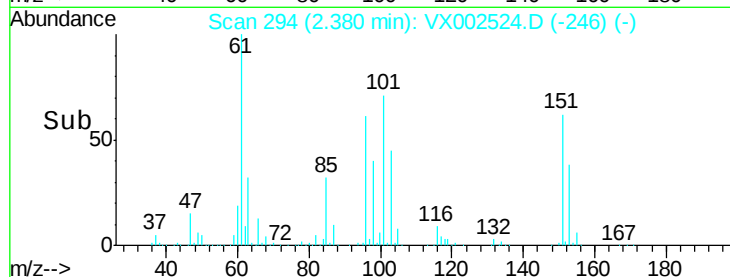
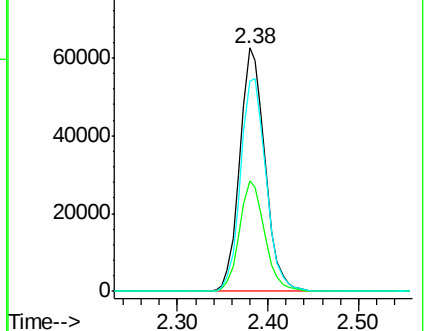
151 88.6 70.9 106.3



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: 45.88 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

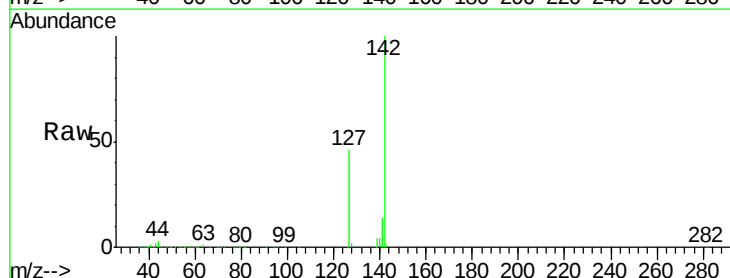
Tgt Ion:142 Resp: 138901

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

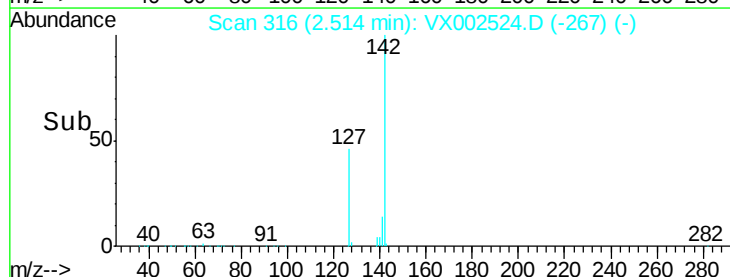
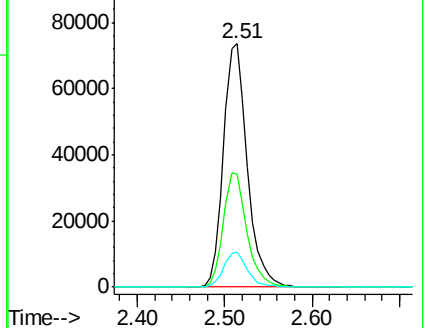
141 14.3 11.3 16.9

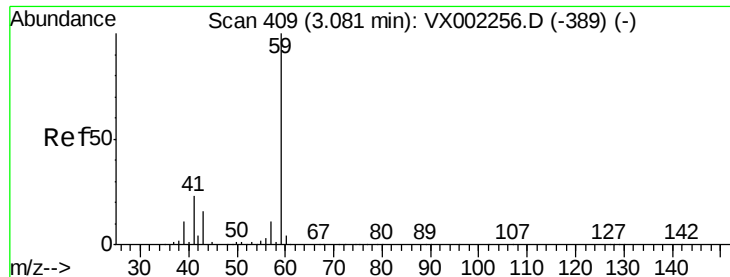


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

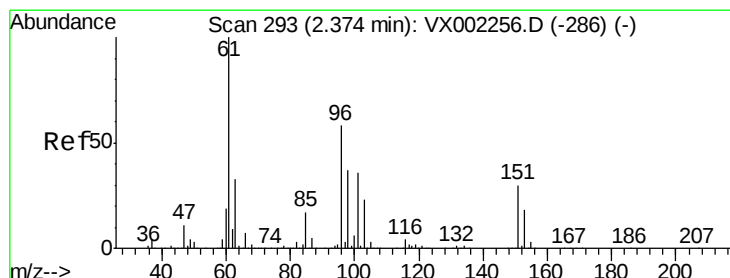
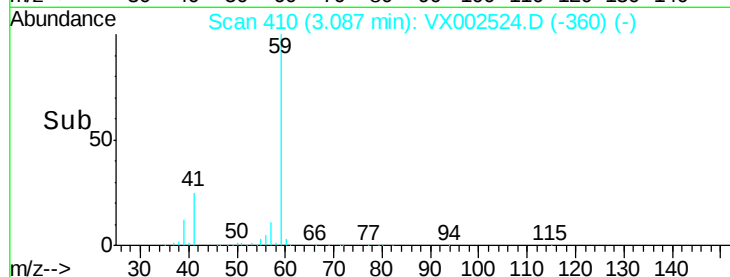
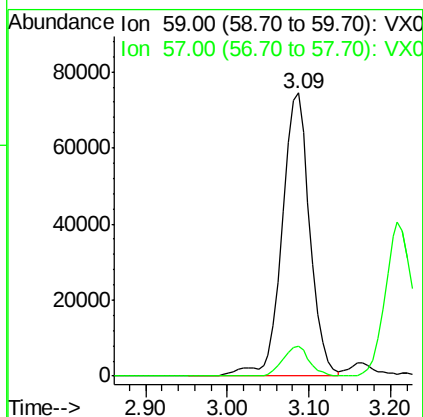
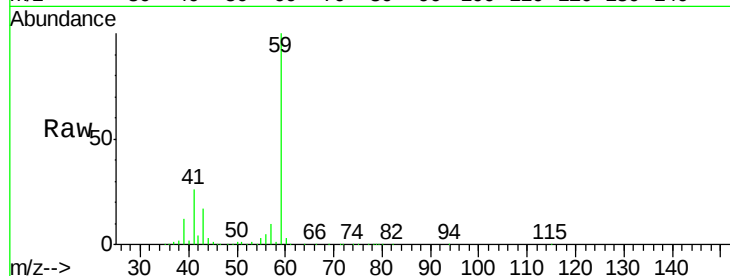




#11
Tert butyl alcohol
Concen: 304.79 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

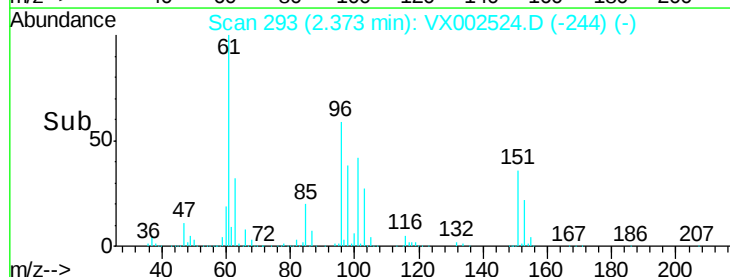
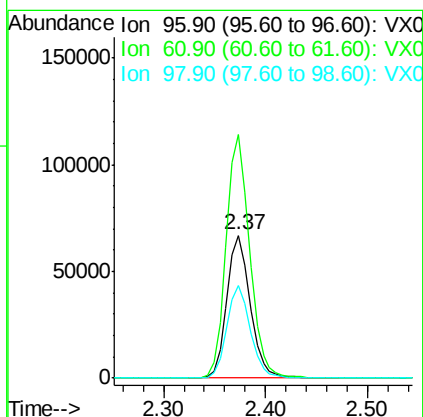
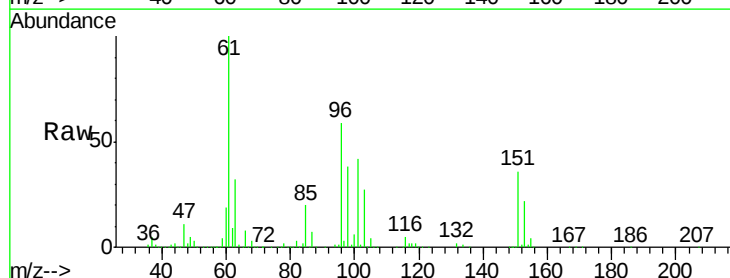
Instrument :
MSVOA_X
ClientSampleId :

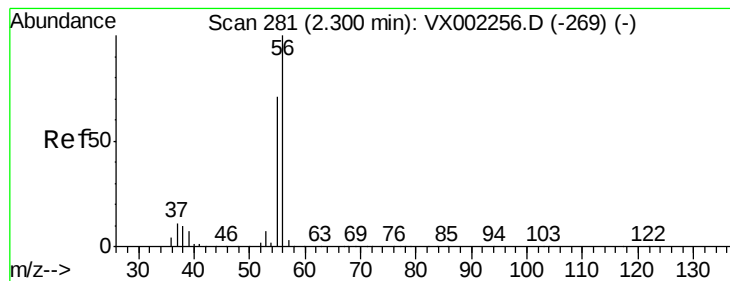
Tot Ion: 59 Resp: 175964
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.88 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 96 Resp: 106108
Ion Ratio Lower Upper
96 100
61 170.9 137.9 206.9
98 65.4 51.6 77.4





#13

Acrolein

Concen: 173.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

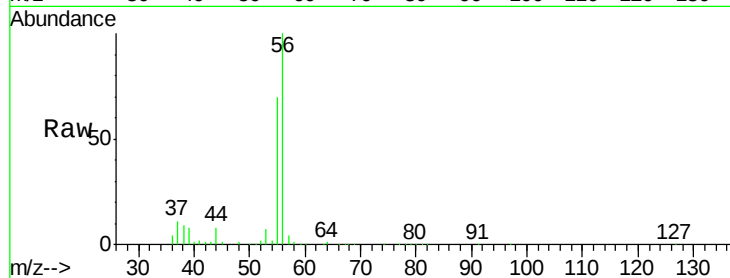
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 50077

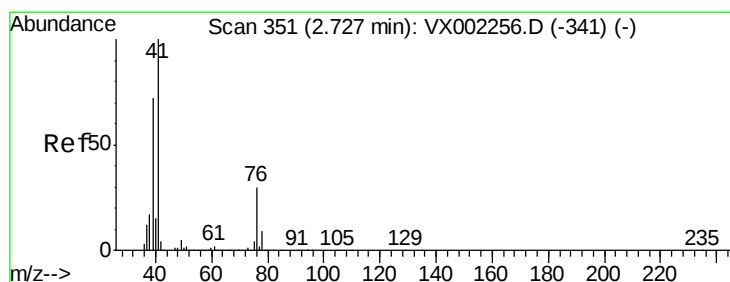
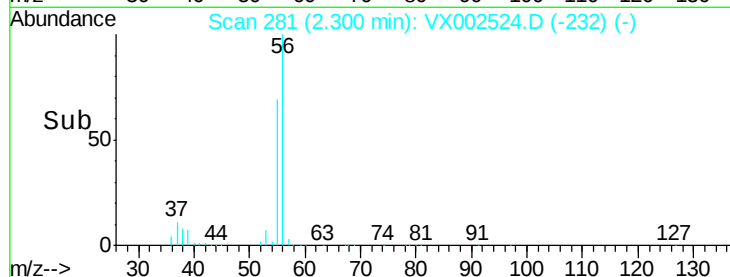
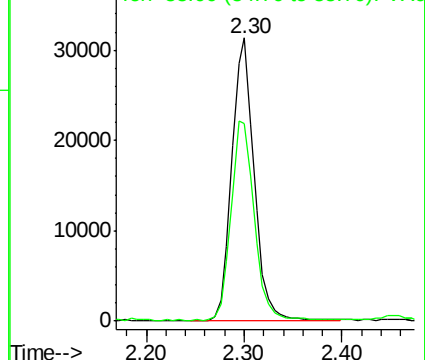
Ion Ratio Lower Upper

56 100

55 72.8 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: 47.59 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

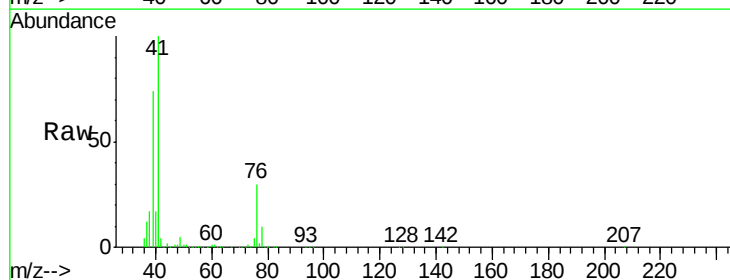
Tgt Ion: 41 Resp: 219690

Ion Ratio Lower Upper

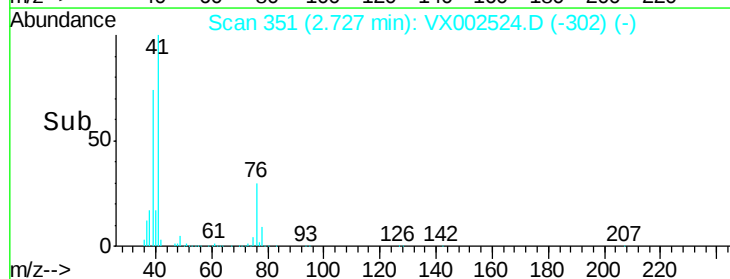
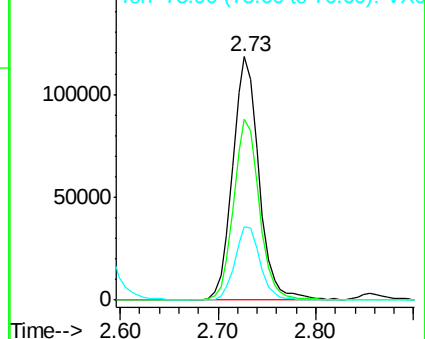
41 100

39 72.4 56.8 85.2

76 29.3 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 307.99 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

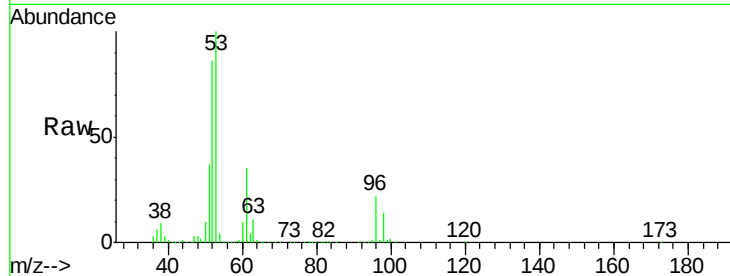
Tot Ion: 53 Resp: 371850

Ion Ratio Lower Upper

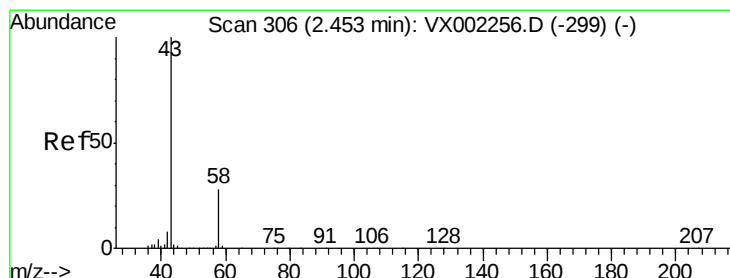
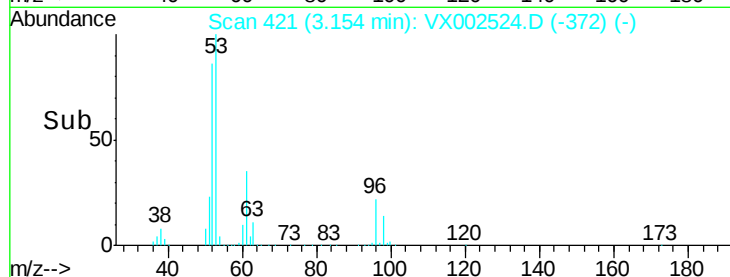
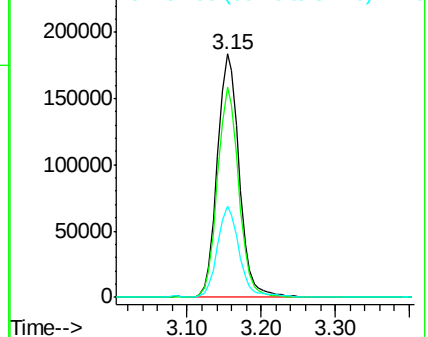
53 100

52 83.6 66.7 100.1

51 37.3 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: 286.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002524.D

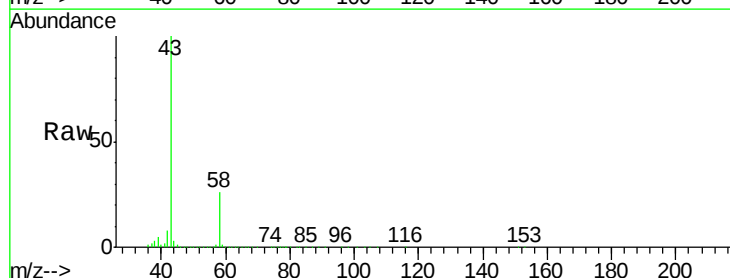
Acq: 13 Jun 2018 22:41

Tgt Ion: 43 Resp: 348868

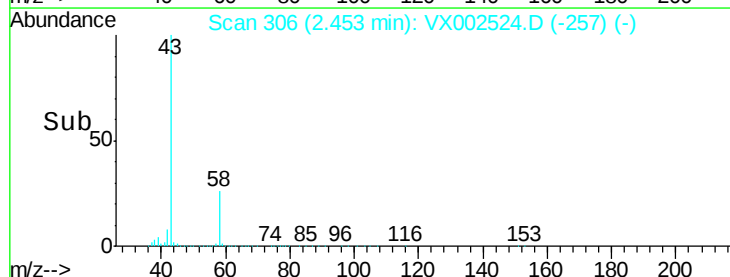
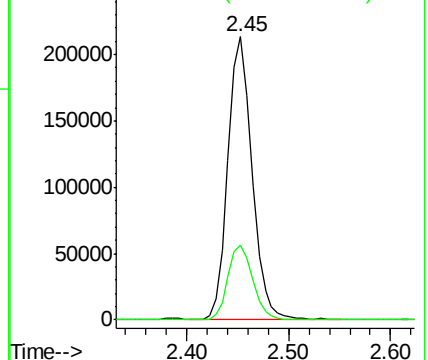
Ion Ratio Lower Upper

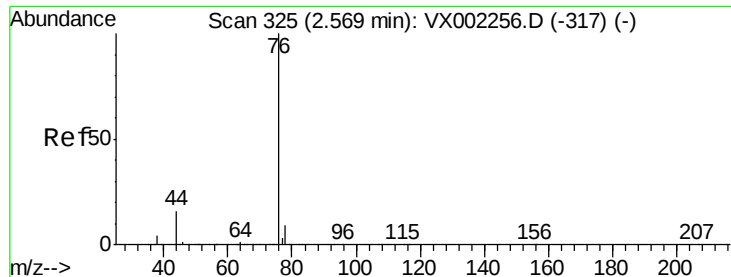
43 100

58 26.3 22.1 33.1



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

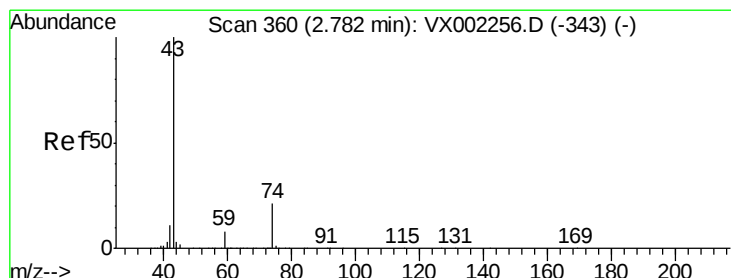
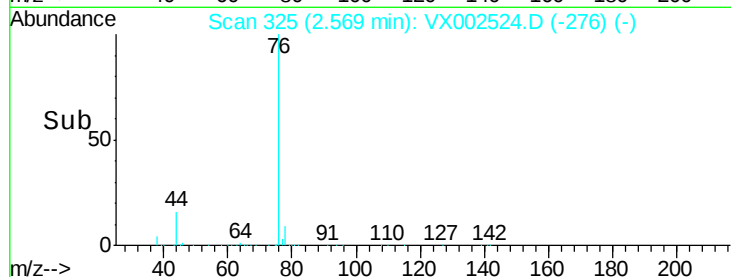
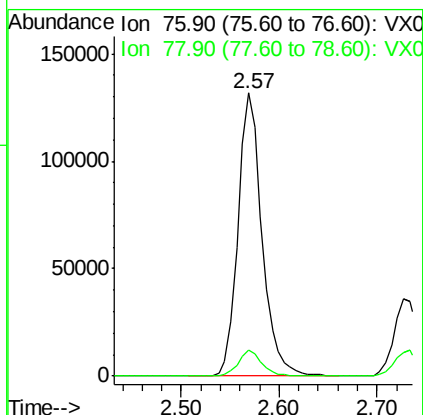
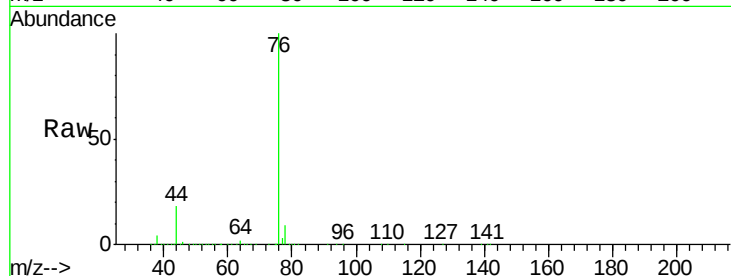




#17
Carbon Disulfide
Concen: 40.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

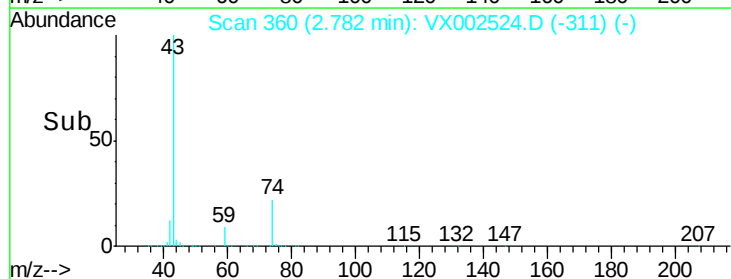
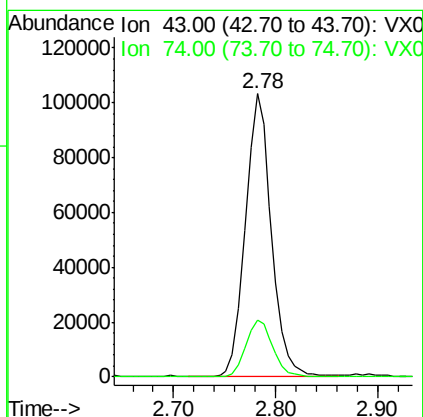
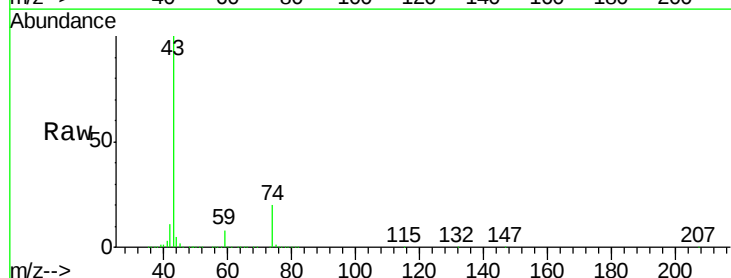
Instrument :
MSVOA_X
ClientSampled :

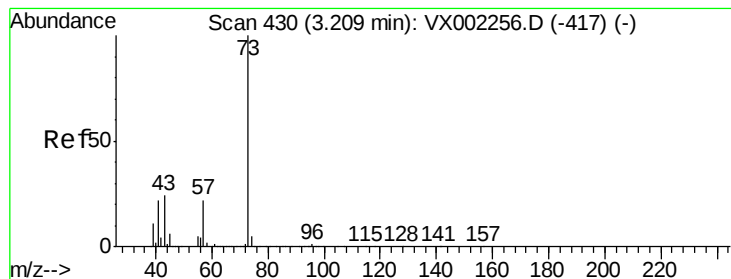
Tot Ion: 76 Resp: 224540
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 64.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 43 Resp: 181704
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1



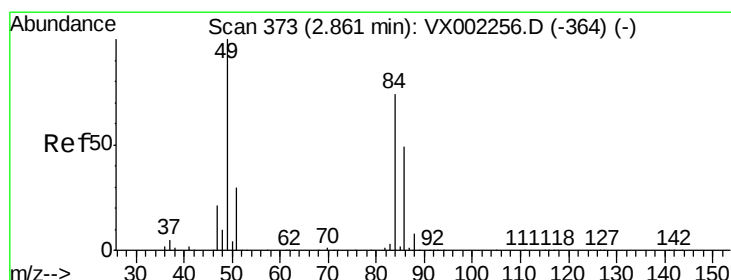
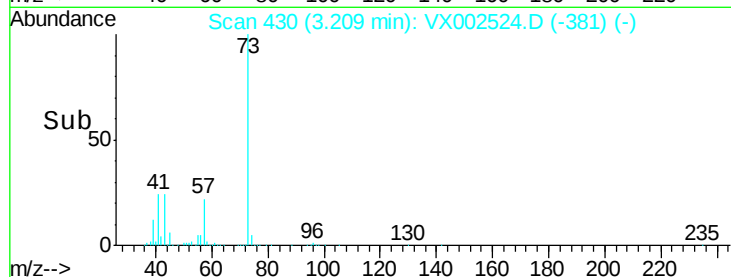
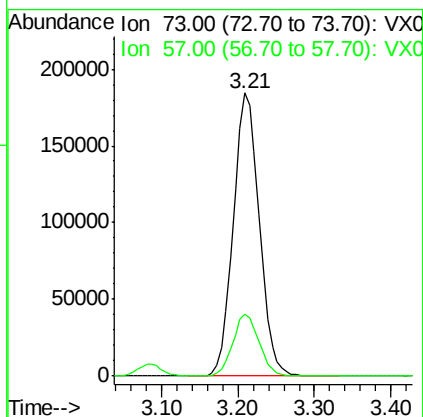
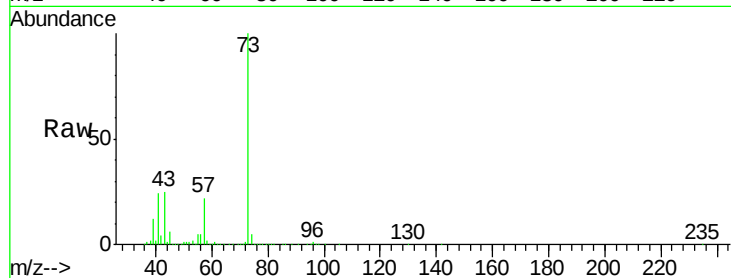


#19

Methyl tert-butyl Ether
 Concen: 58.93 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :

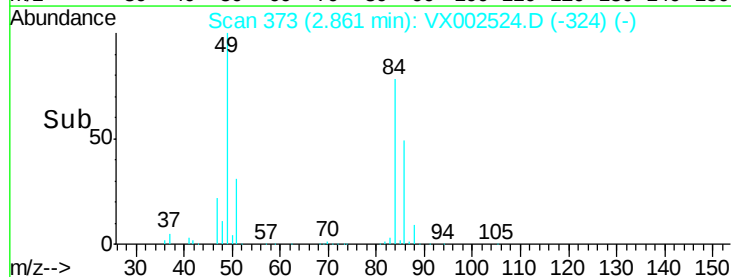
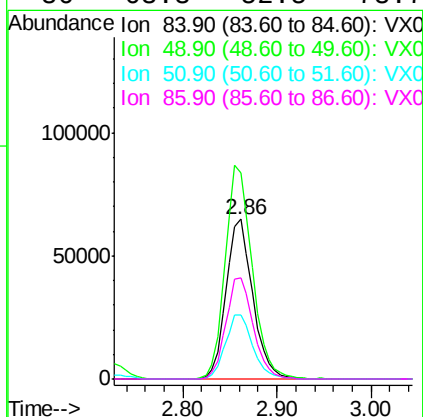
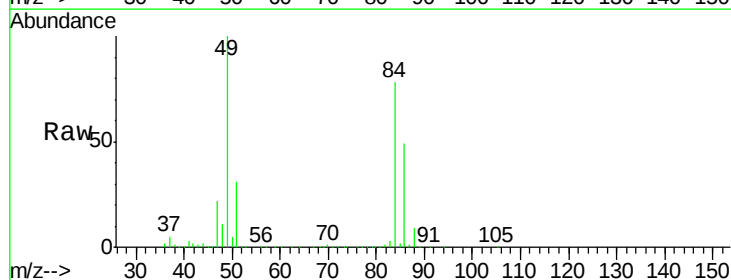
Tot Ion: 73 Resp: 433427
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.7 26.5

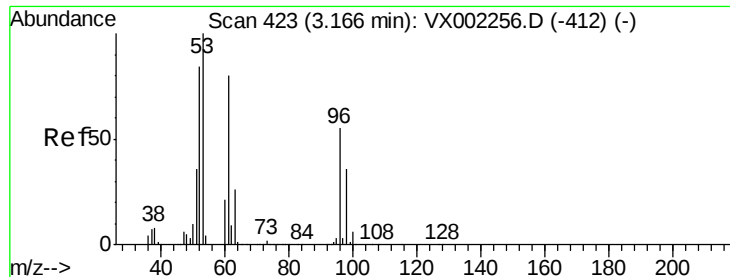


#20

Methylene Chloride
 Concen: 56.85 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion: 84 Resp: 127598
 Ion Ratio Lower Upper
 84 100
 49 128.8 107.8 161.6
 51 40.1 32.8 49.2
 86 63.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

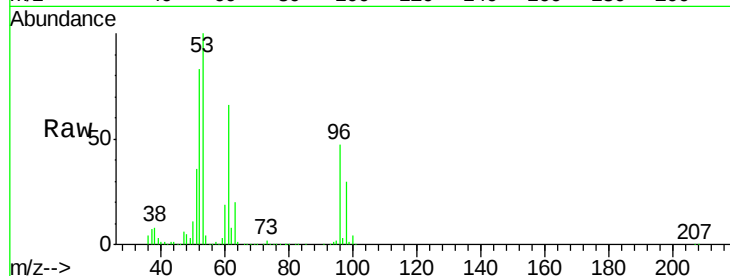
Tot Ion: 96 Resp: 117012

Ion Ratio Lower Upper

96 100

61 141.2 117.0 175.4

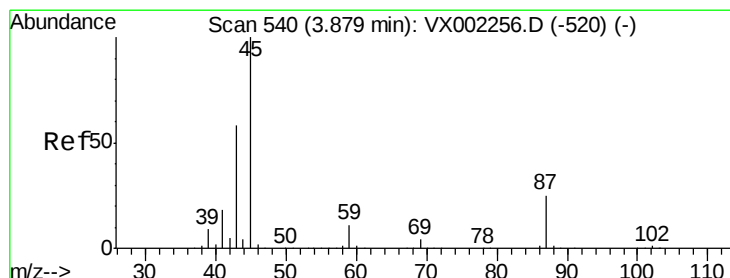
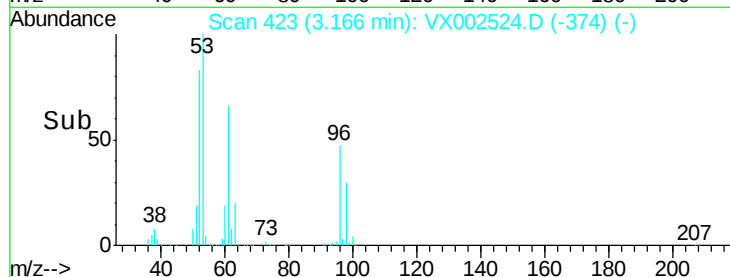
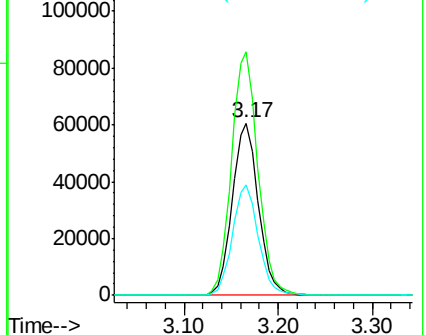
98 64.4 52.4 78.6



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: 51.43 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Tgt Ion: 45 Resp: 396363

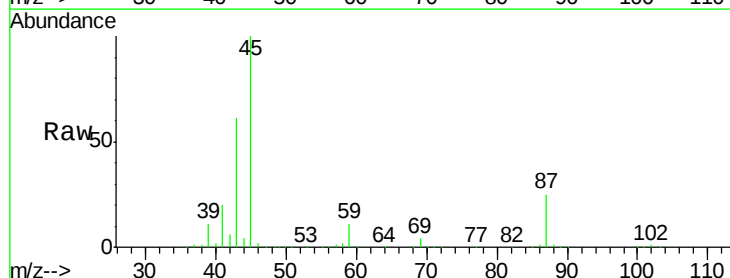
Ion Ratio Lower Upper

45 100

43 60.5 46.8 70.2

87 25.3 20.2 30.4

59 11.3 8.7 13.1

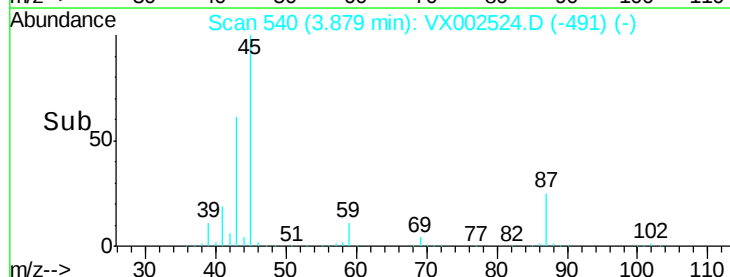
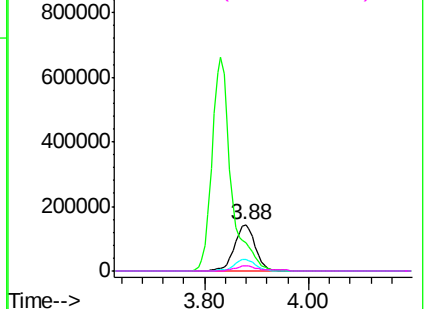


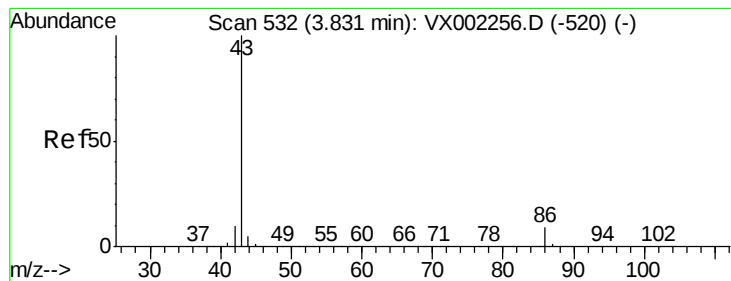
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 227.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

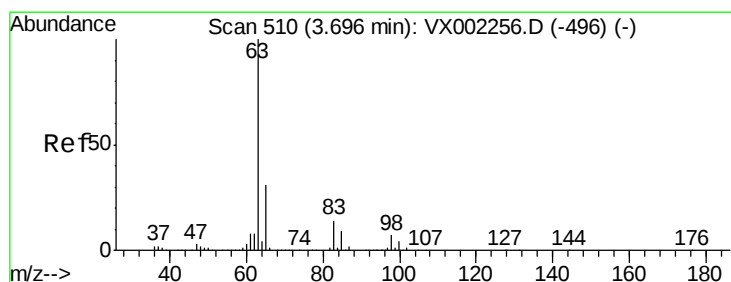
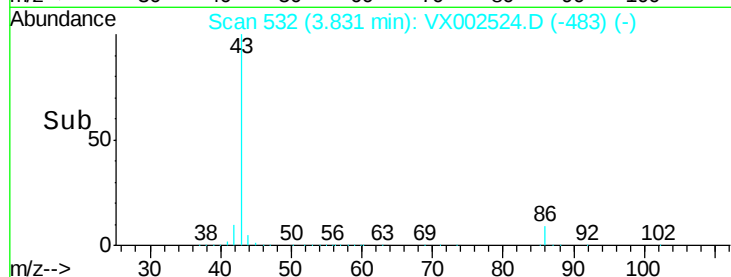
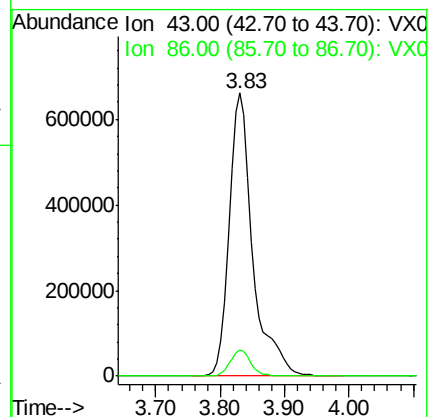
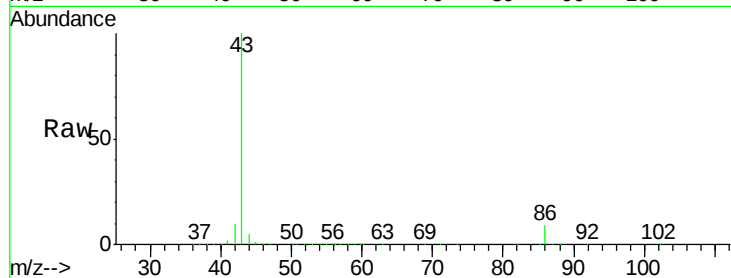
ClientSampleId :

Tot Ion: 43 Resp: 1702761

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.0



#24

1,1-Dichloroethane

Concen: 43.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

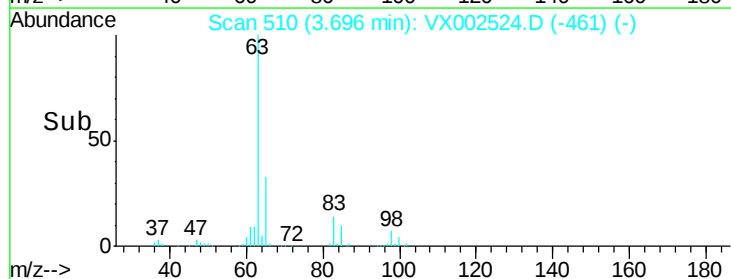
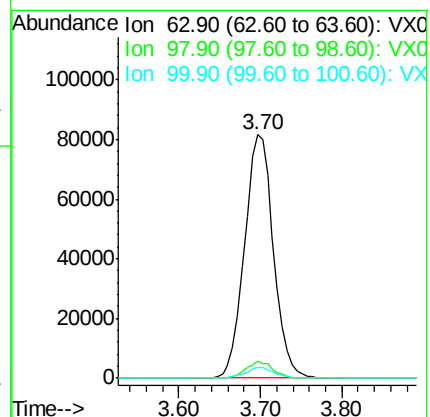
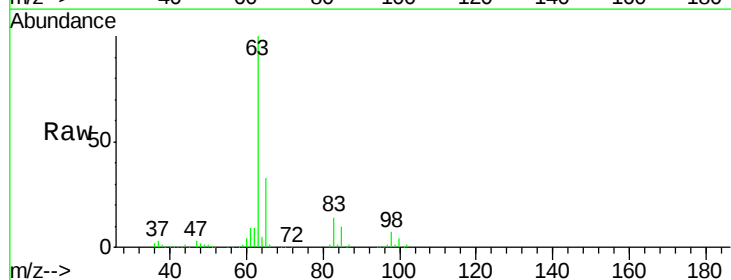
Tgt Ion: 63 Resp: 200391

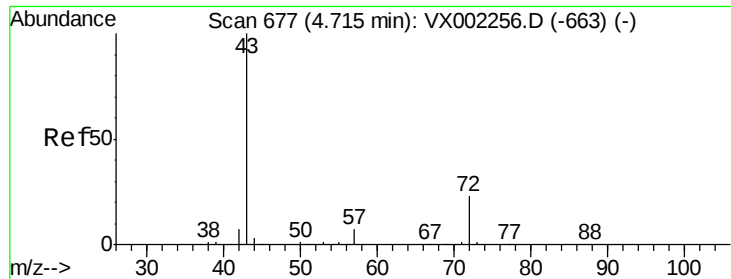
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 237.98 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

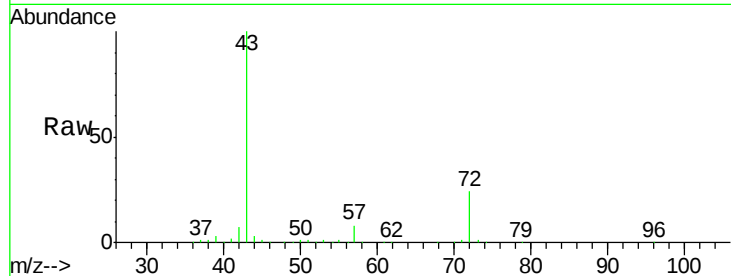
ClientSampleId :

Tot Ion: 43 Resp: 466292

Ion Ratio Lower Upper

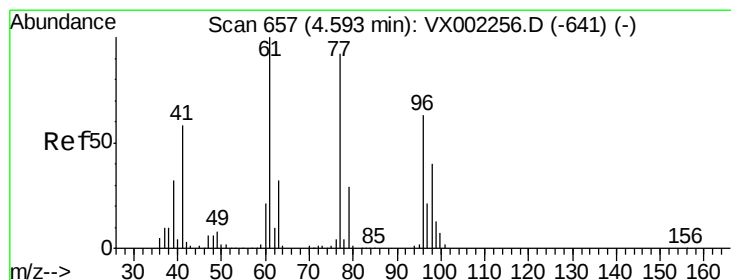
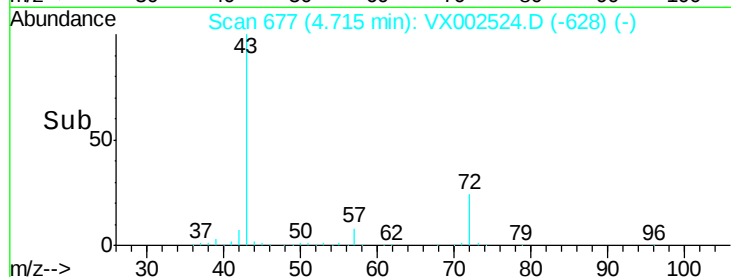
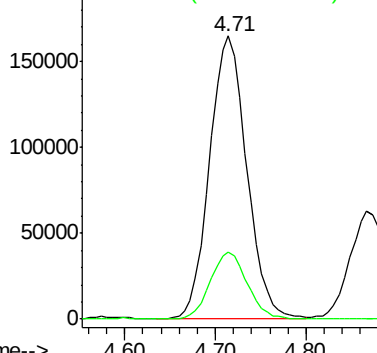
43 100

72 23.7 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: 37.70 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002524.D

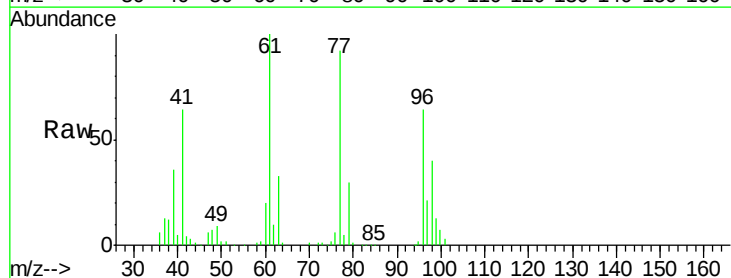
Acq: 13 Jun 2018 22:41

Tgt Ion: 77 Resp: 134461

Ion Ratio Lower Upper

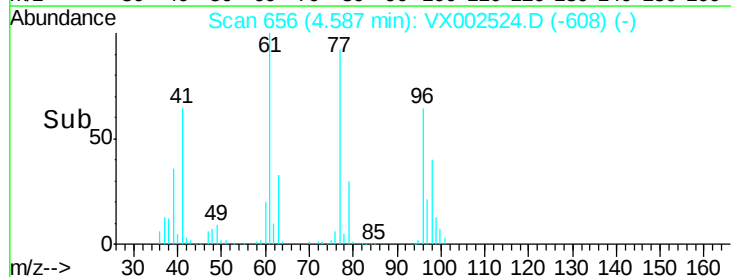
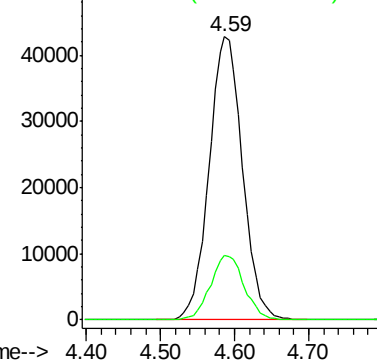
77 100

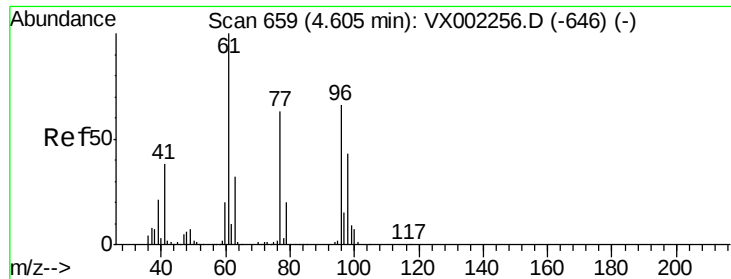
97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



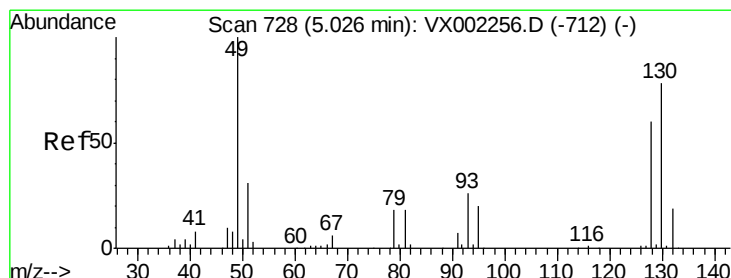
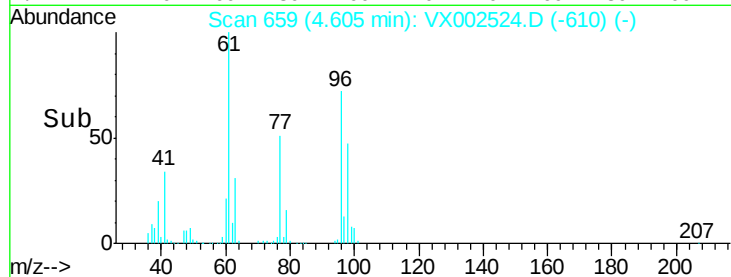
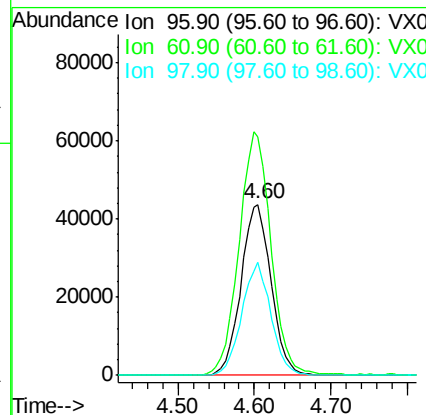
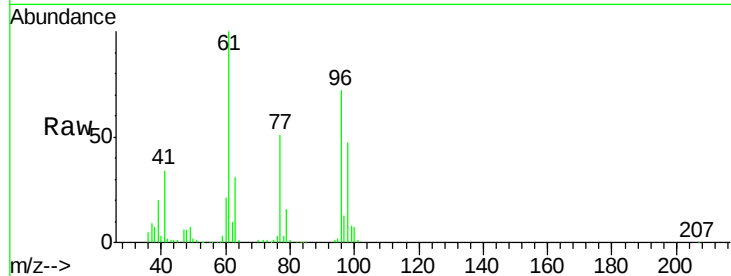


#27

cis-1,2-Dichloroethene
Concen: 46.80 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampled :

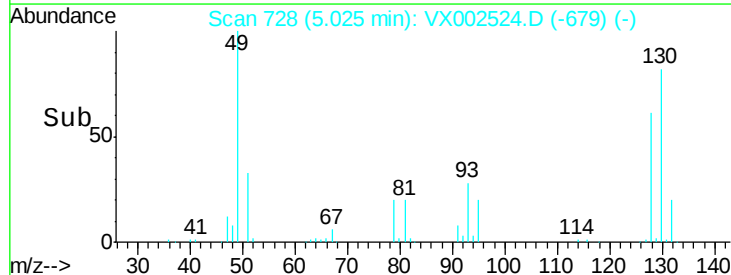
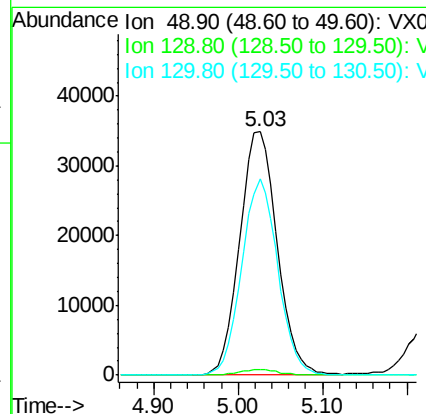
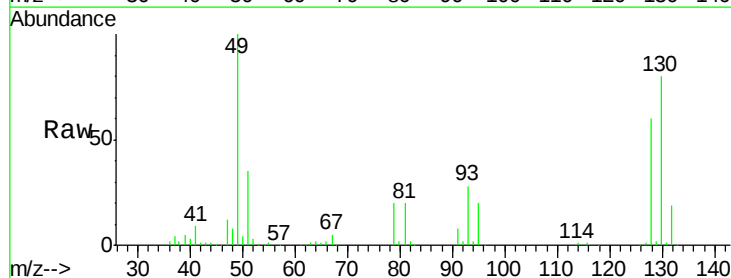
Tot Ion: 96 Resp: 119407
Ion Ratio Lower Upper
96 100
61 151.4 0.0 330.2
98 64.0 0.0 130.2

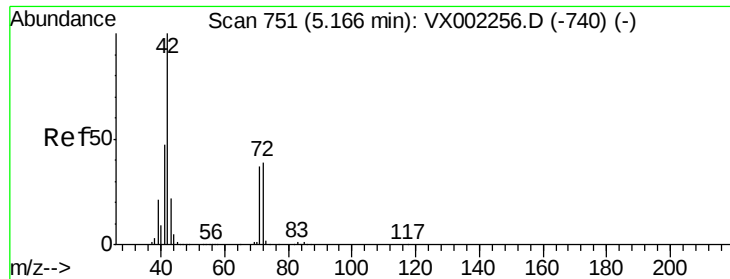


#28

Bromochloromethane
Concen: 54.64 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 49 Resp: 105389
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 77.3 61.2 91.8





#29

Tetrahydrofuran

Concen: 242.37 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

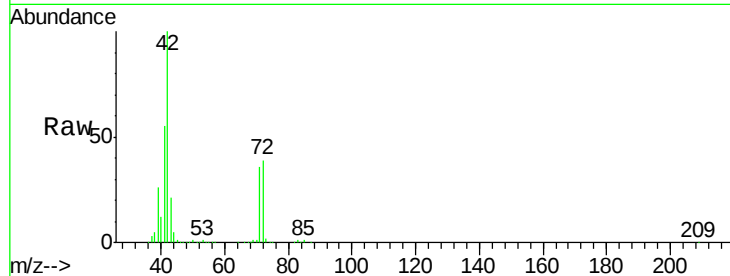
Tot Ion: 42 Resp: 306178

Ion Ratio Lower Upper

42 100

72 40.8 32.0 48.0

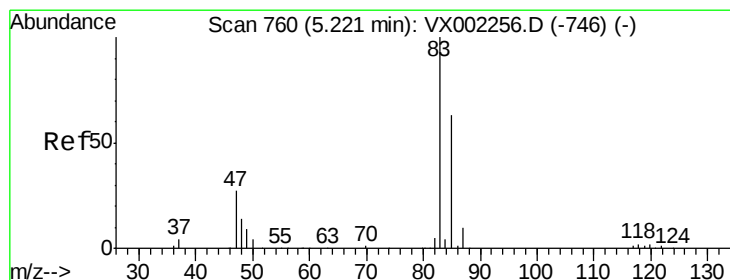
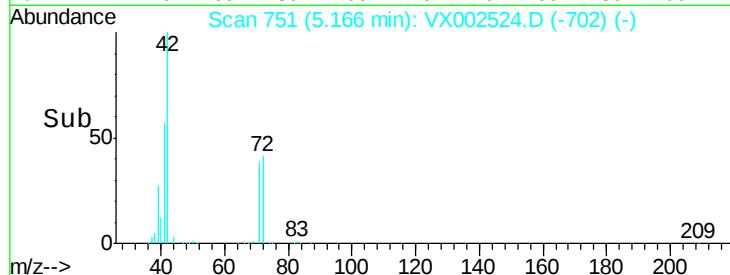
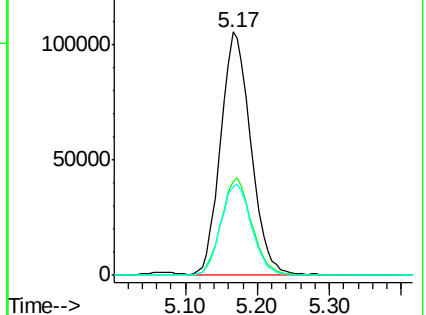
71 38.6 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002524.D

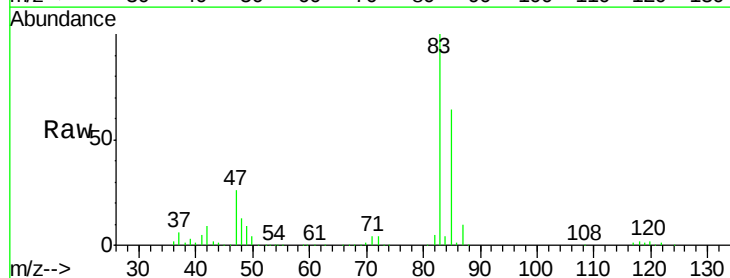
Acq: 13 Jun 2018 22:41

Tgt Ion: 83 Resp: 216256

Ion Ratio Lower Upper

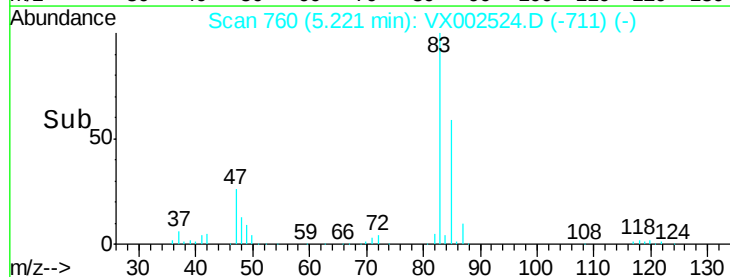
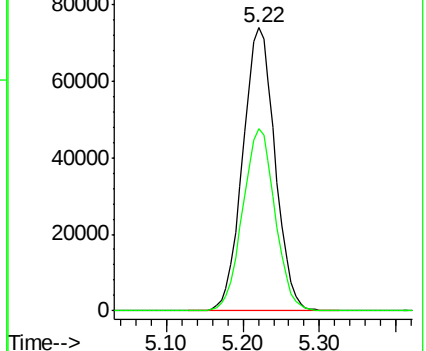
83 100

85 64.2 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.51 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

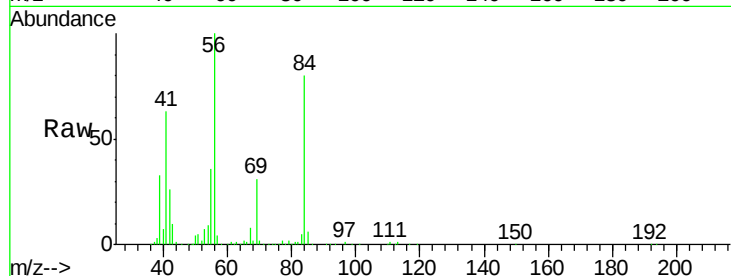
Tot Ion: 56 Resp: 164214

Ion Ratio Lower Upper

56 100

69 30.6 23.7 35.5

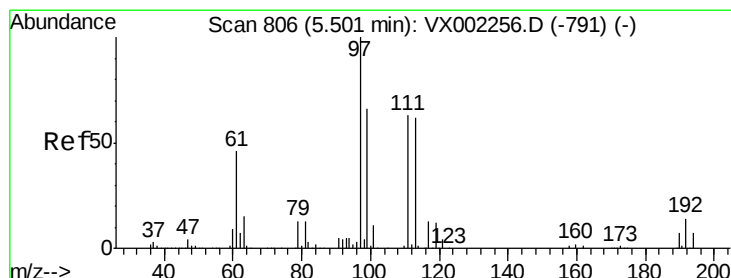
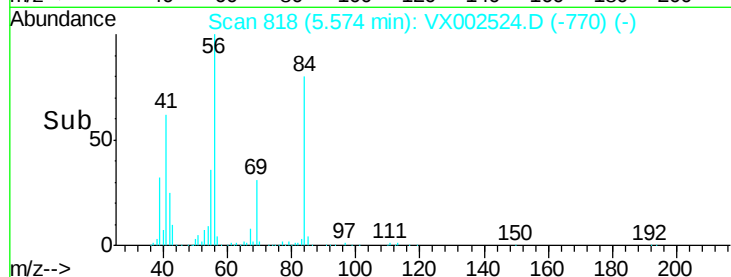
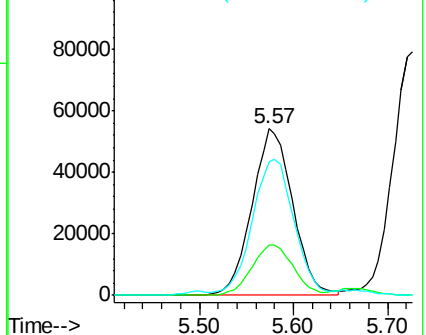
84 78.3 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

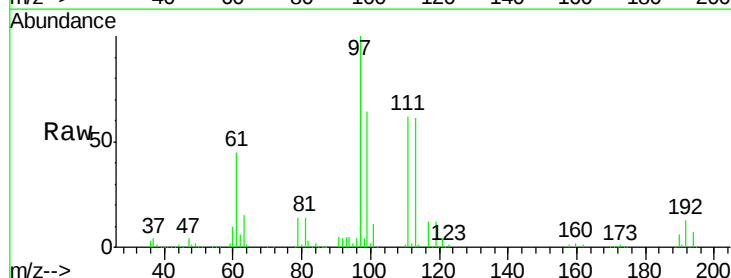
Tgt Ion: 97 Resp: 181030

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

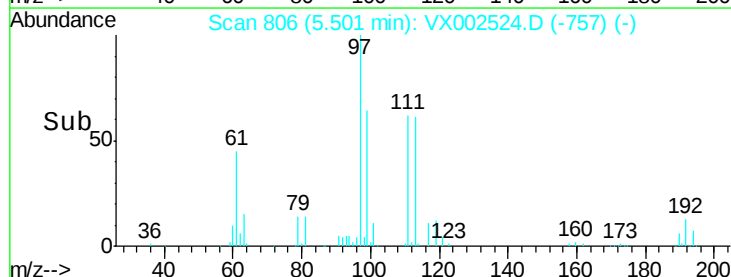
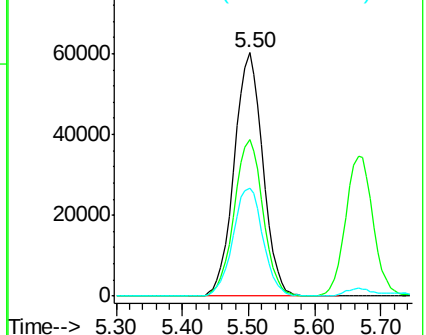
61 46.8 36.4 54.6



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

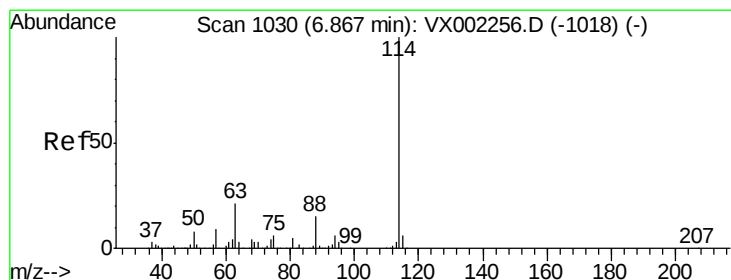
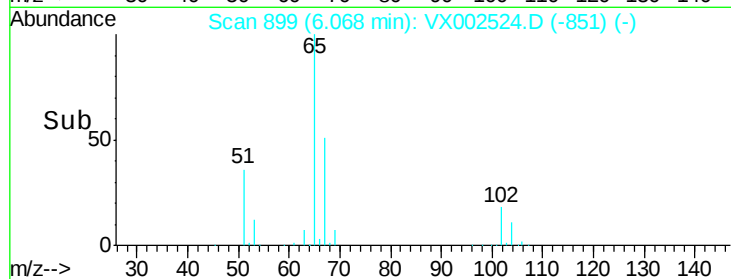
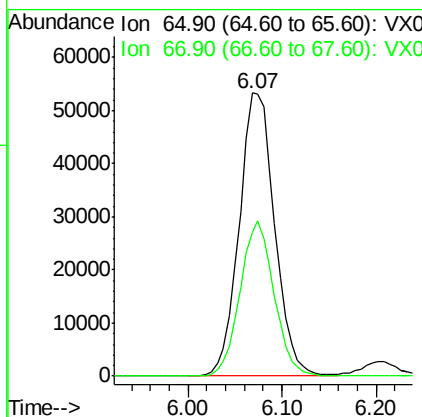
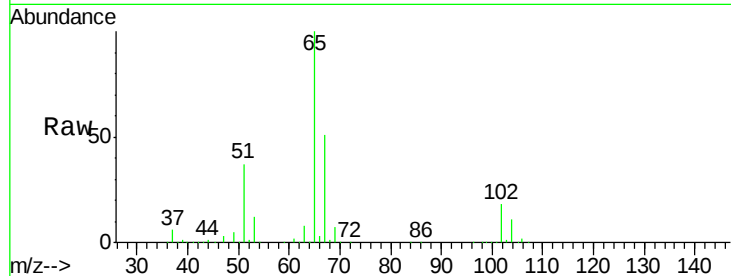




#33
 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

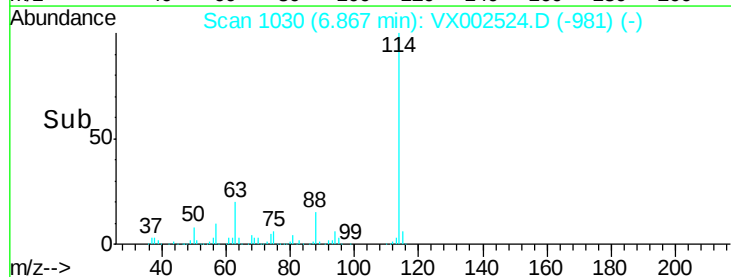
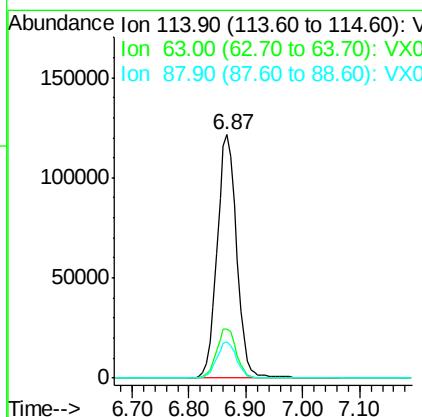
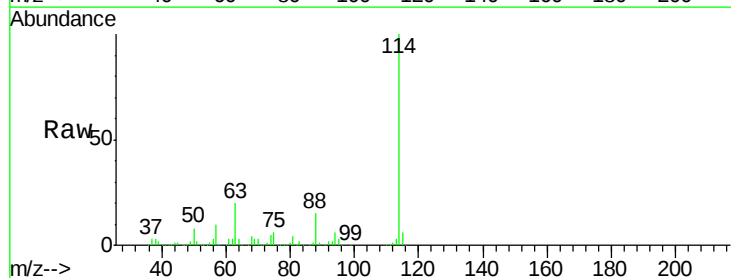
Instrument :
 MSVOA_X
 ClientSampled :

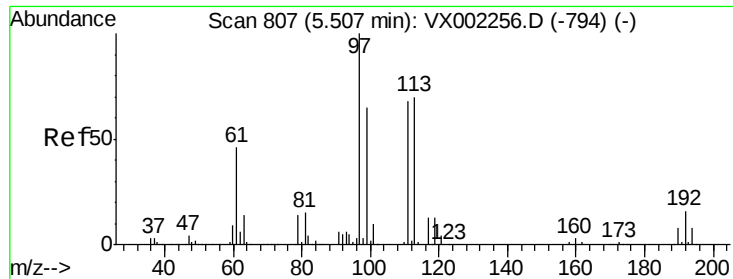
Tot Ion: 65 Resp: 140532
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion: 114 Resp: 289542
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 14.7 0.0 30.0

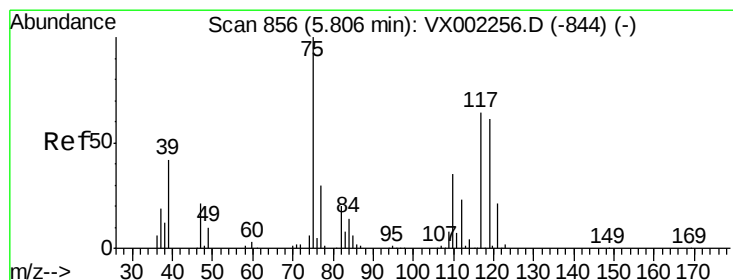
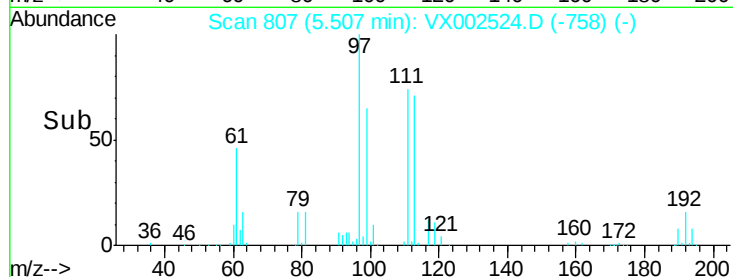
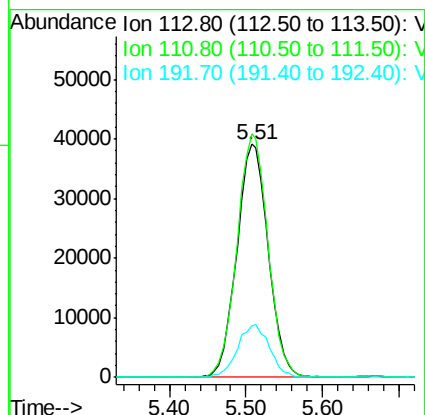
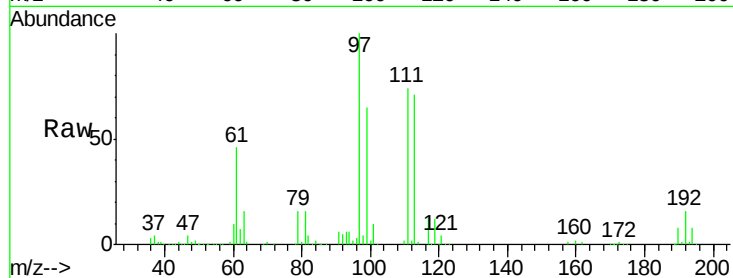




#35
Dibromofluoromethane
Concen: 49.01 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

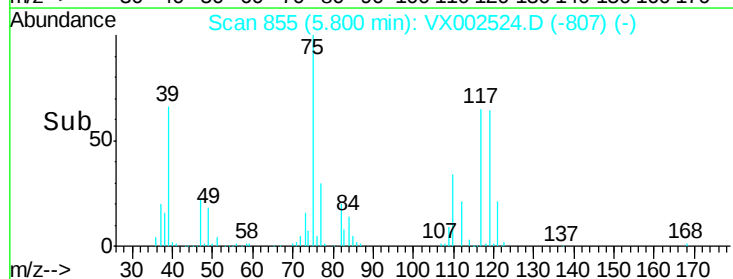
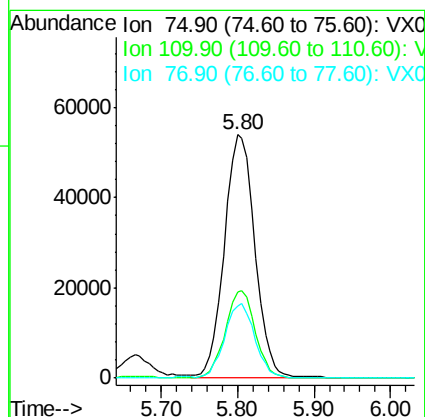
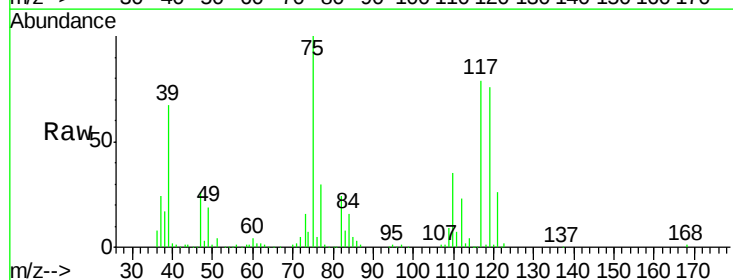
Instrument :
MSVOA_X
ClientSampleId :

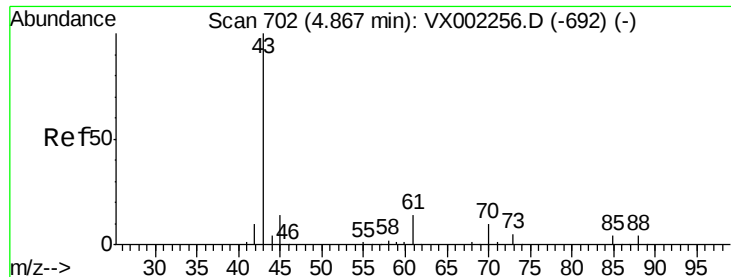
Tot Ion:113 Resp: 111587
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 22.9 19.1 28.7



#36
1,1-Dichloropropene
Concen: 48.77 ug/l
RT: 5.80 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 75 Resp: 148462
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.4
77 30.1 24.3 36.5

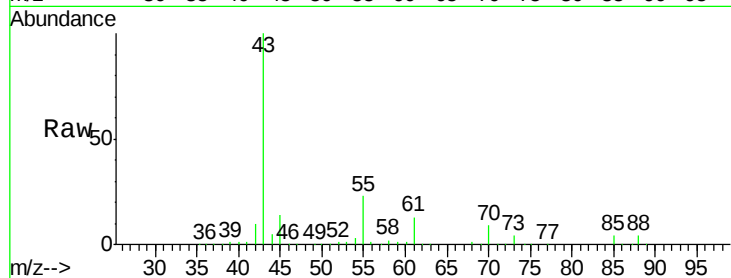




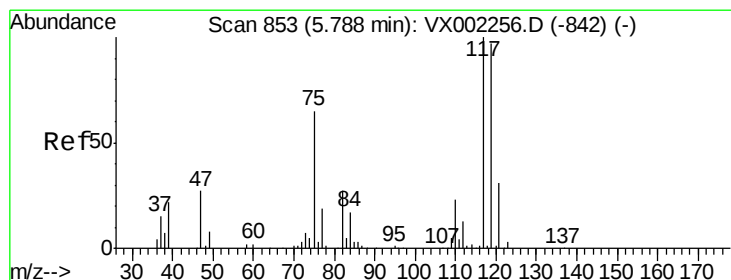
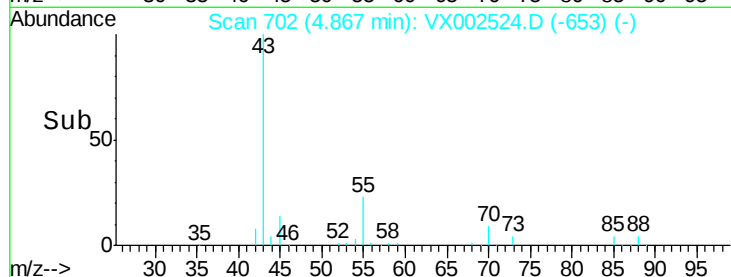
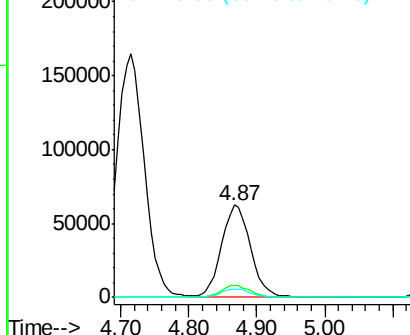
#37
Ethyl Acetate
Concen: 50.43 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 184603
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.5 7.6 11.4

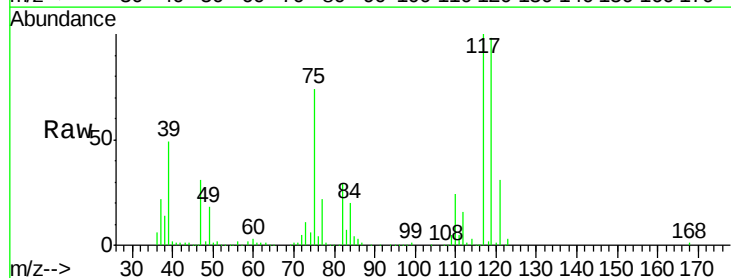


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

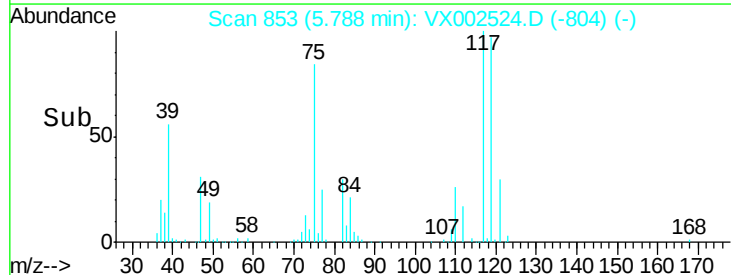
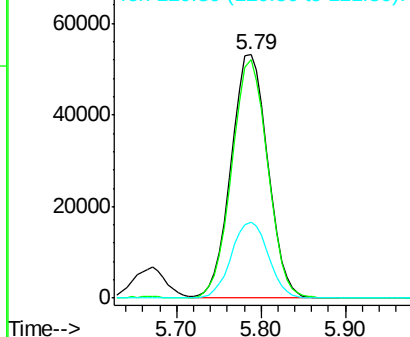


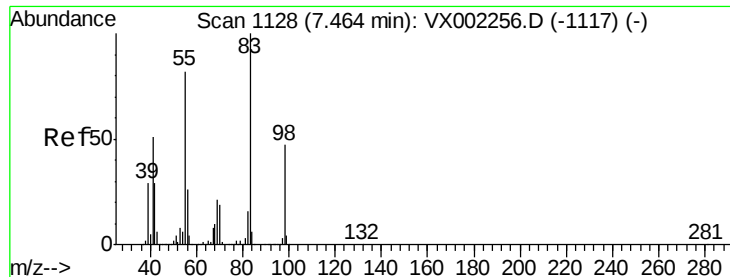
#38
Carbon Tetrachloride
Concen: 49.45 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 117 Resp: 157453
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.0
121 31.0 24.4 36.6



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

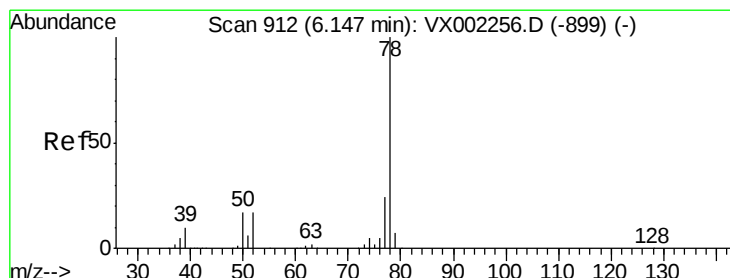
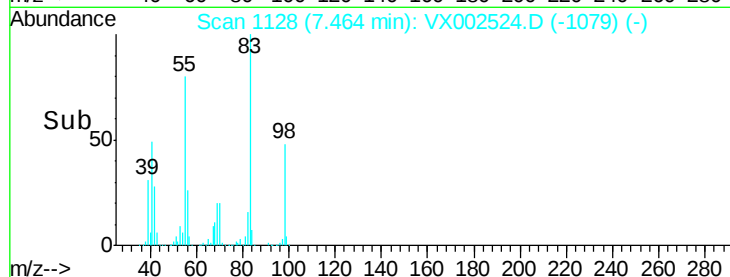
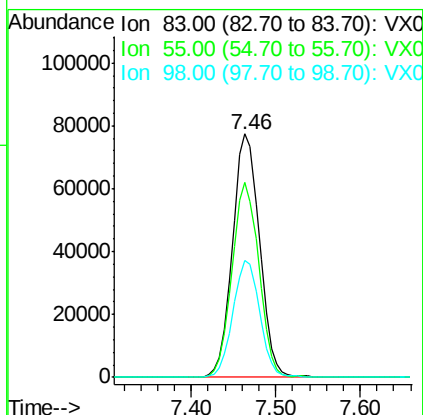
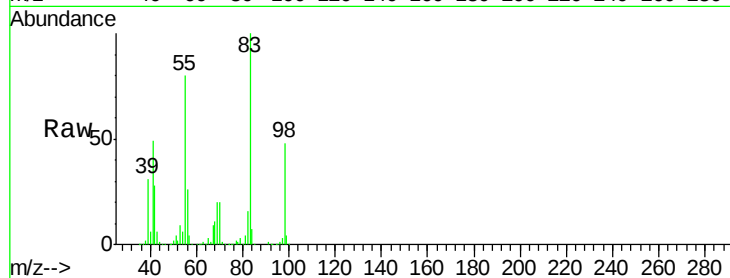




#39
Methvlcvclohexane
Concen: 44.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

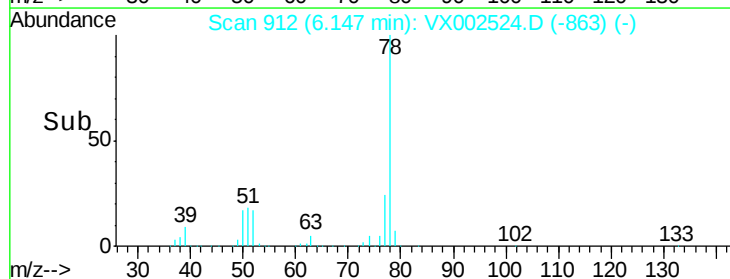
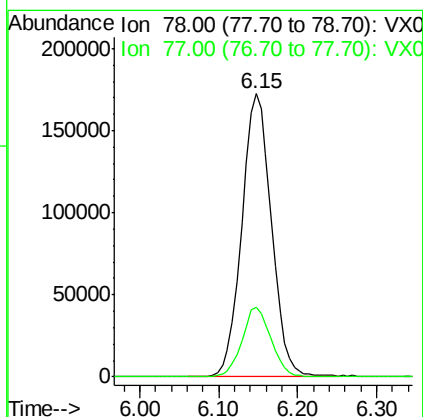
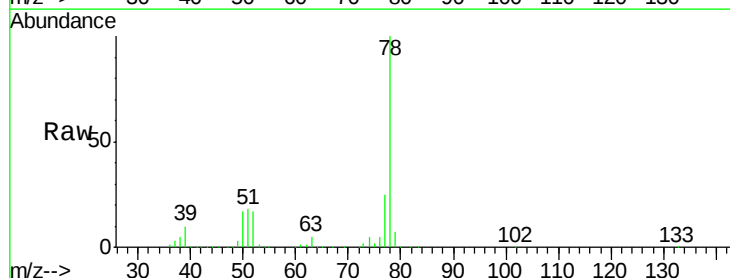
Instrument :
MSVOA_X
ClientSampleId :

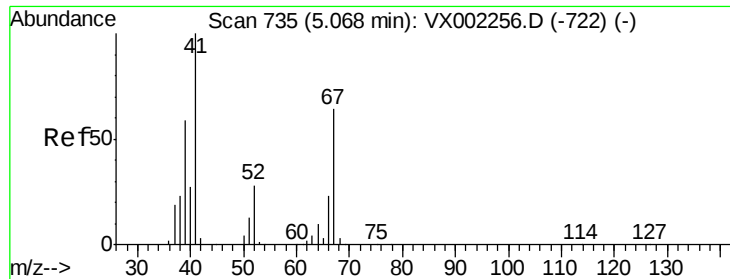
Tot Ion	83	Resp	168280
Ion Ratio	Lower	Upper	
83	100		
55	79.9	65.4	98.0
98	48.2	37.4	56.0



#40
Benzene
Concen: 48.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion	78	Resp	450798
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.1	28.7

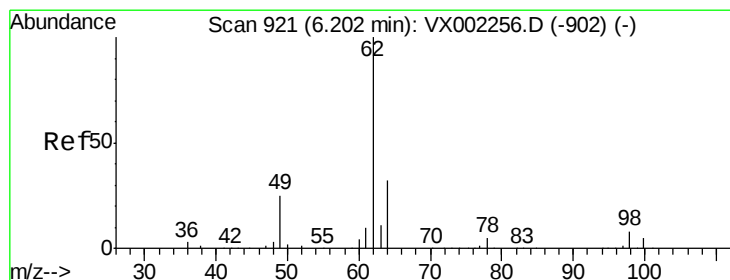
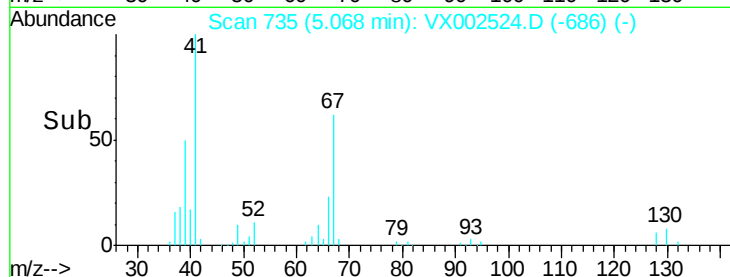
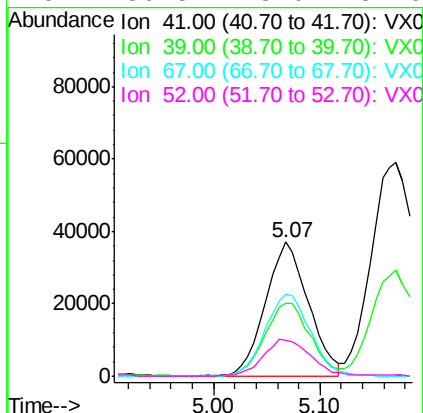
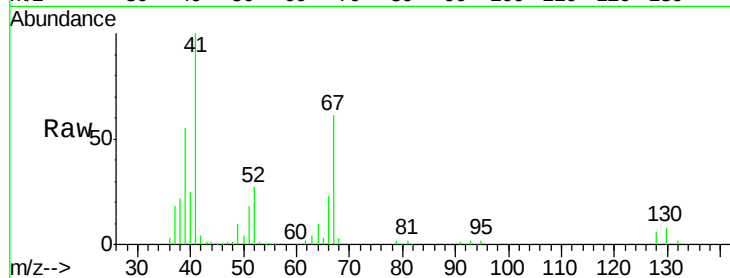




#41
Methacrylonitrile
Concen: 49.92 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

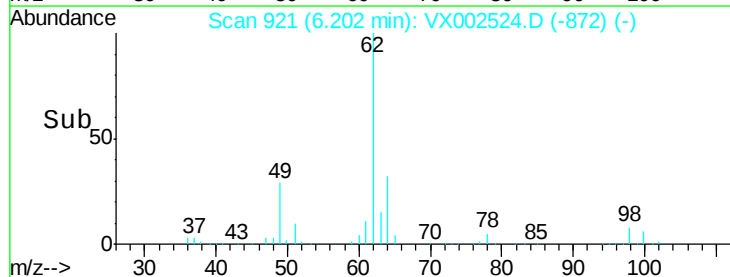
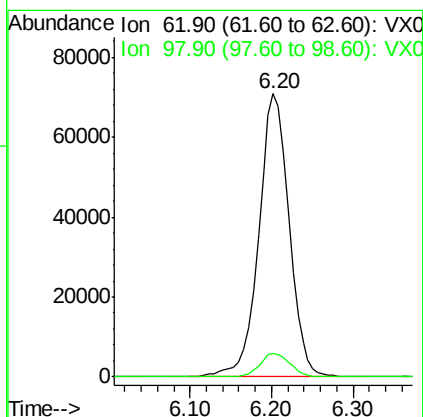
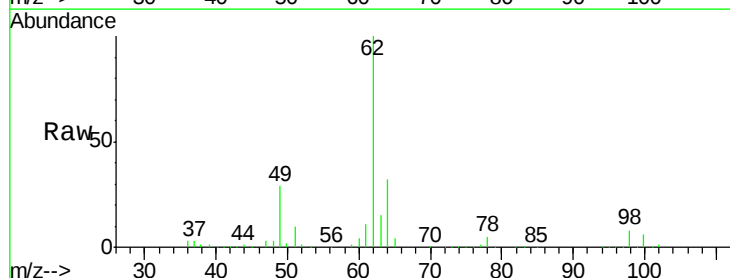
Instrument :
MSVOA_X
ClientSampled :

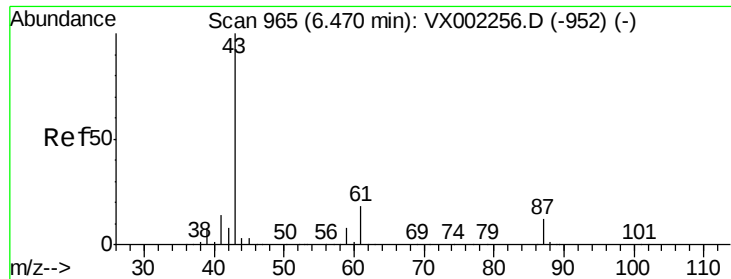
Tot Ion:	41	Resp:	104611
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	64.7	51.3	76.9
52	30.5	23.0	34.6



#42
1,2-Dichloroethane
Concen: 49.55 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion:	62	Resp:	183744
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



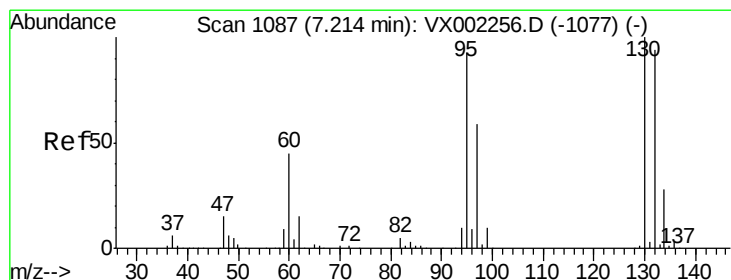
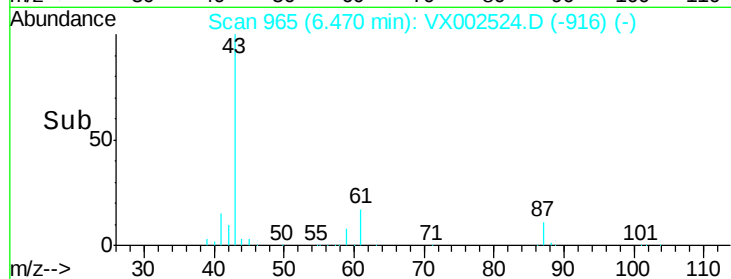
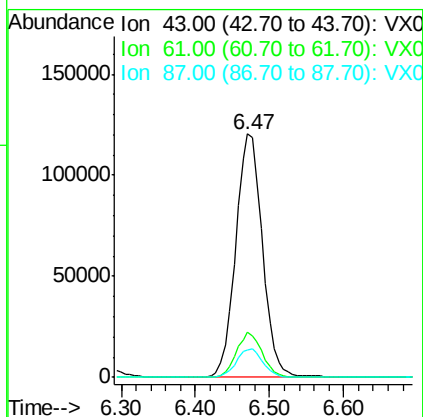
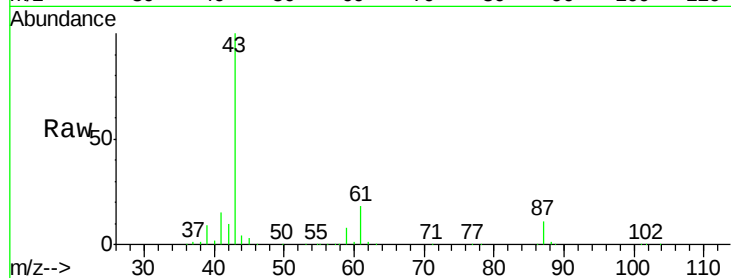


#43

Isopropyl Acetate
 Concen: 48.70 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampled :

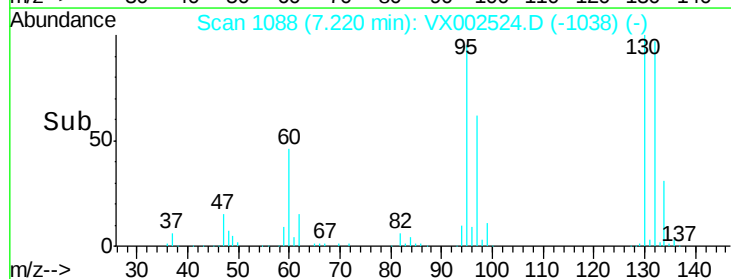
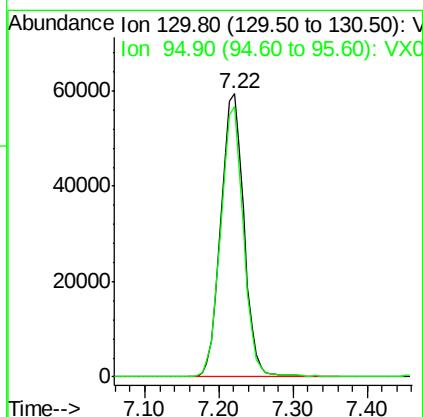
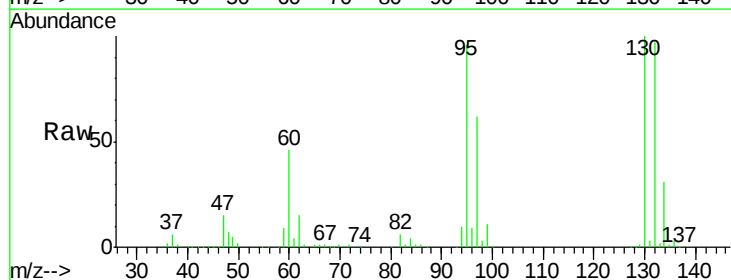
Tot Ion: 43 Resp: 302788
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.4 21.6
 87 11.9 9.5 14.3

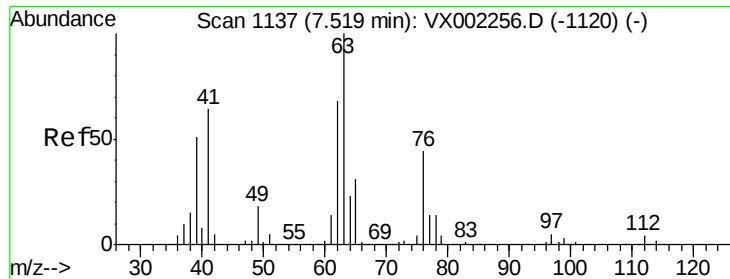


#44

Trichloroethene
 Concen: 49.56 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion:130 Resp: 128365
 Ion Ratio Lower Upper
 130 100
 95 95.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 48.60 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

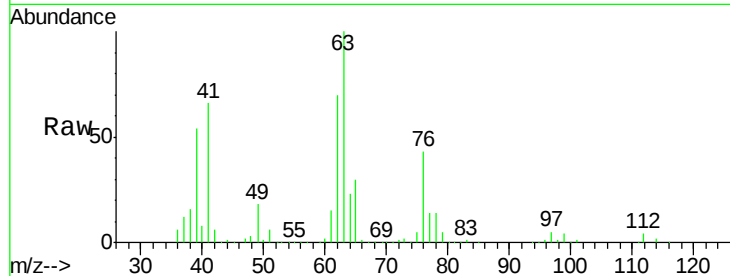
ClientSampleId :

Tot Ion: 63 Resp: 122454

Ion Ratio Lower Upper

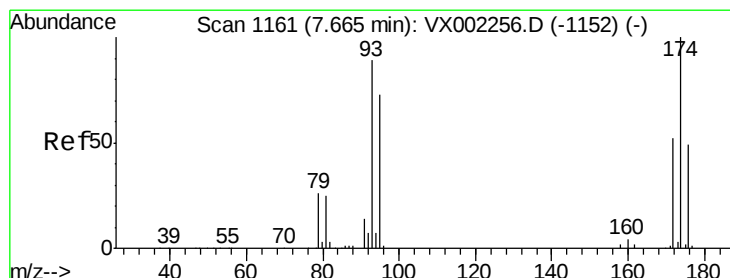
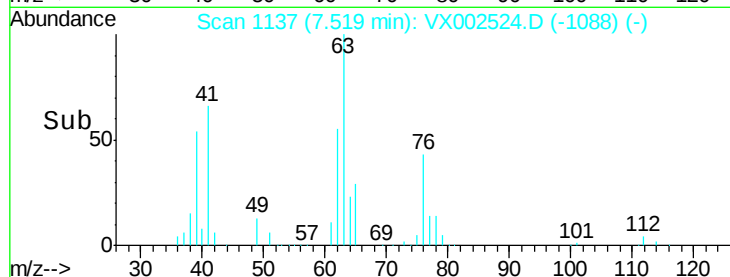
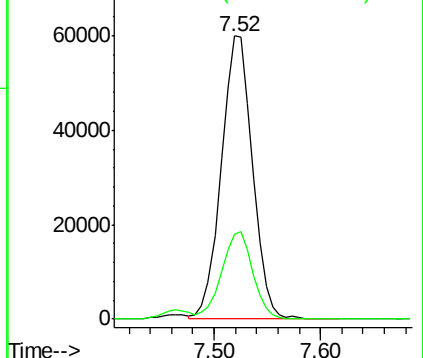
63 100

65 29.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.18 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

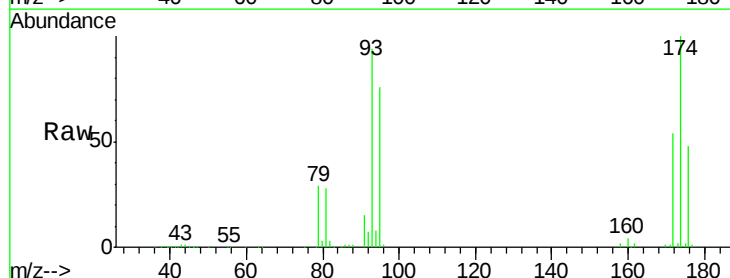
Tgt Ion: 93 Resp: 83996

Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

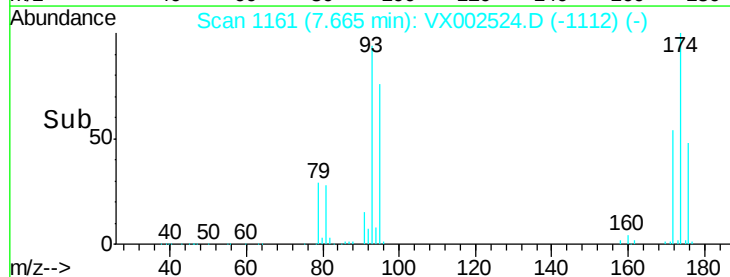
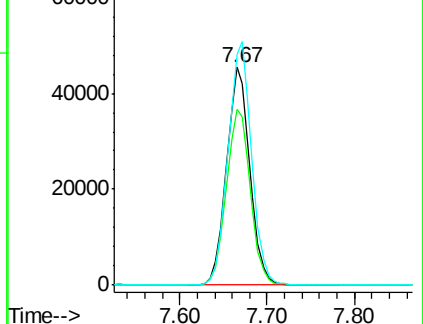
174 113.2 92.4 138.6

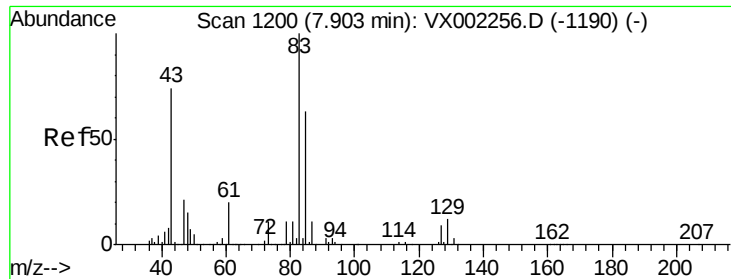


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

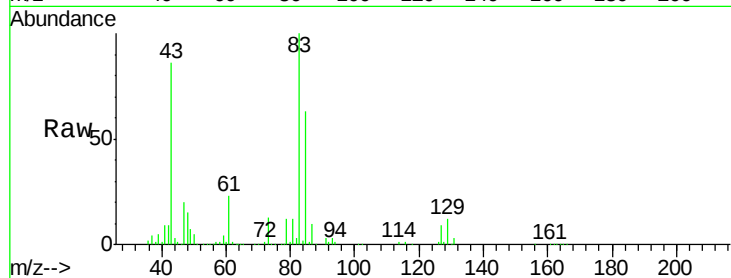
Tot Ion: 83 Resp: 156730

Ion Ratio Lower Upper

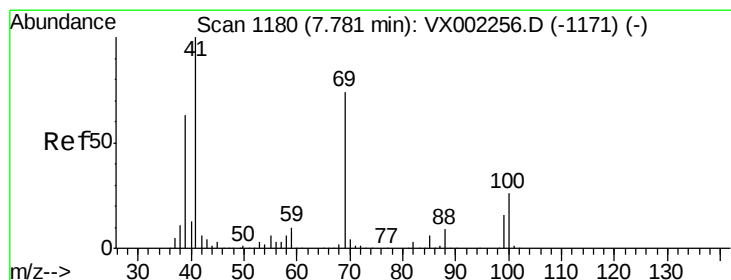
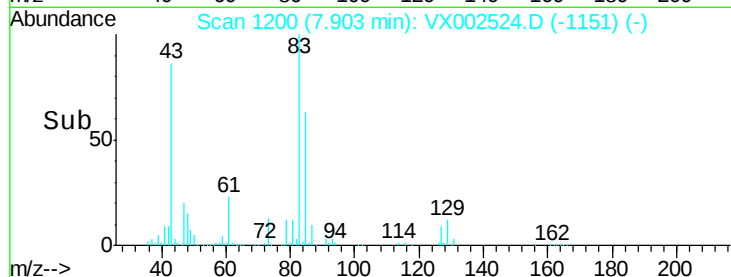
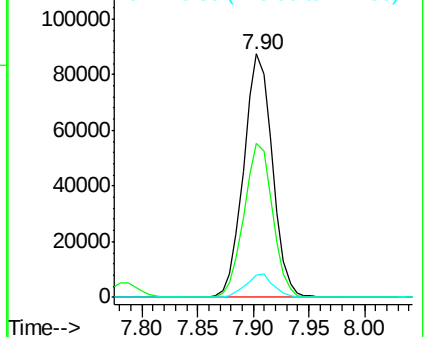
83 100

85 63.2 50.3 75.5

127 9.0 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: 49.91 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

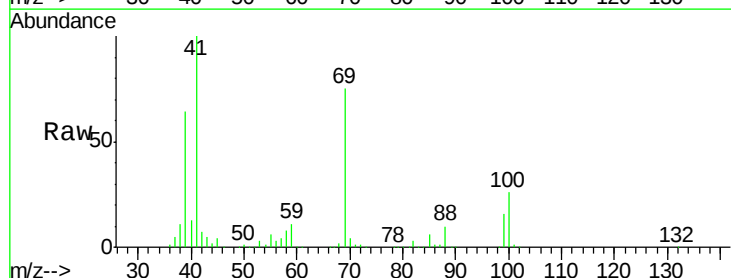
Tgt Ion: 41 Resp: 155870

Ion Ratio Lower Upper

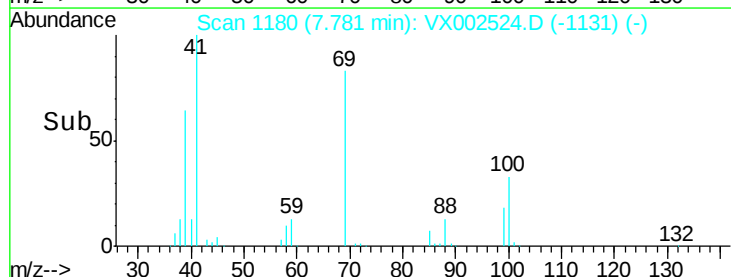
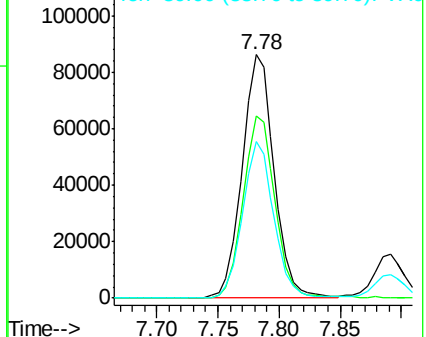
41 100

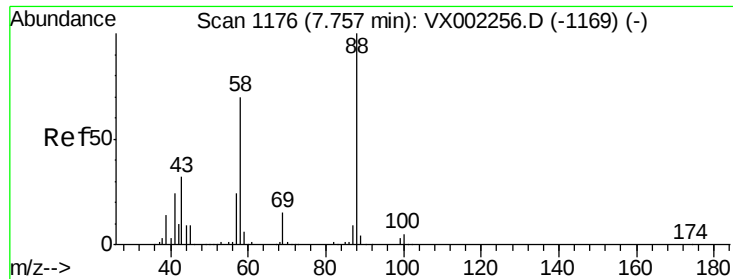
69 75.2 59.1 88.7

39 62.9 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: 1051.25 ug/l

RT: 7.76 min Scan# 1177

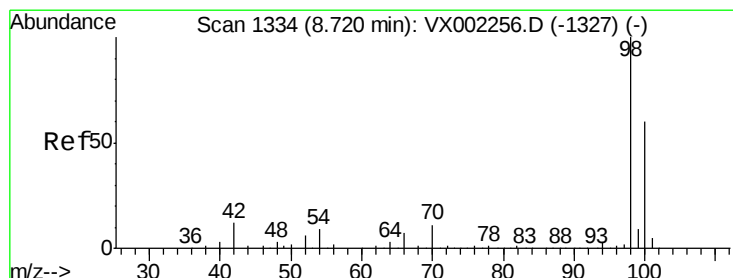
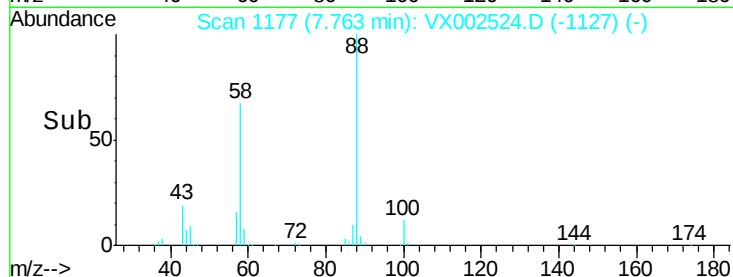
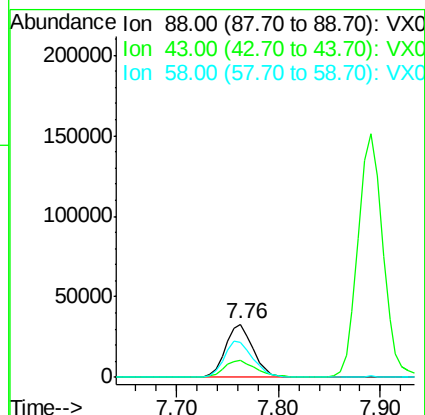
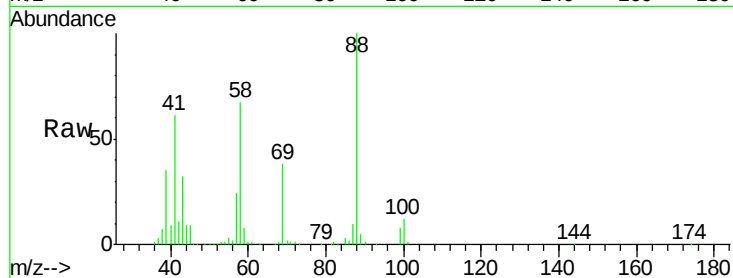
Delta R.T. 0.01 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	61389
Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.8	44.6
58	71.6	57.1	85.7



#50

Toluene-d8

Concen: 47.88 ug/l

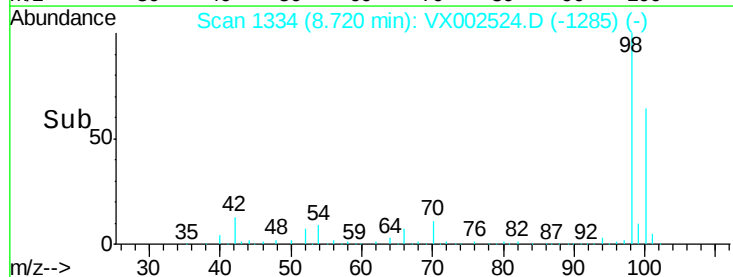
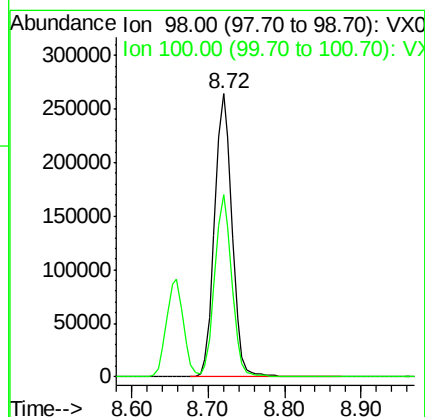
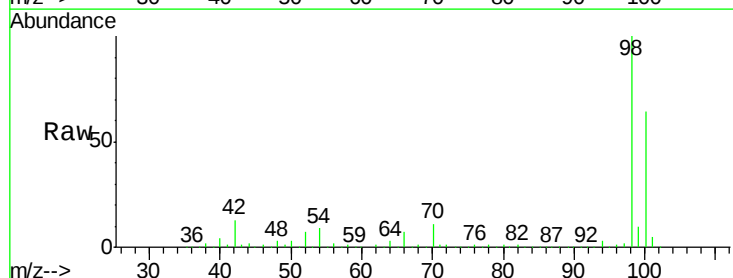
RT: 8.72 min Scan# 1334

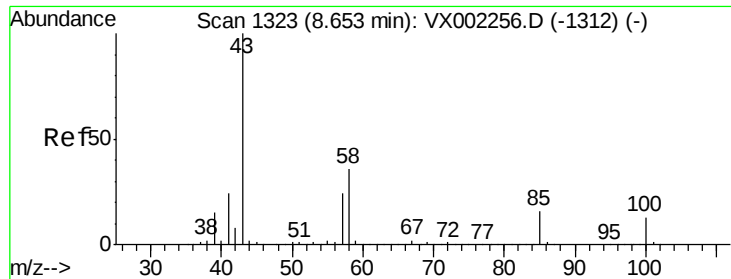
Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Tgt Ion:	98	Resp:	417910
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 265.32 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

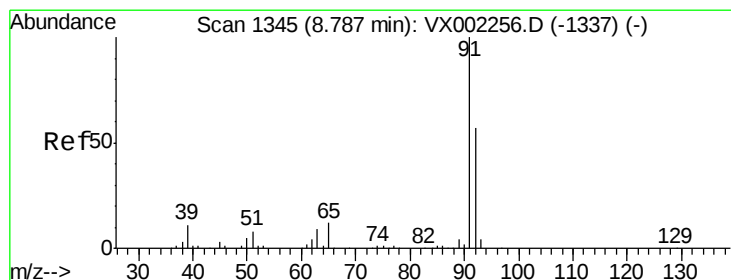
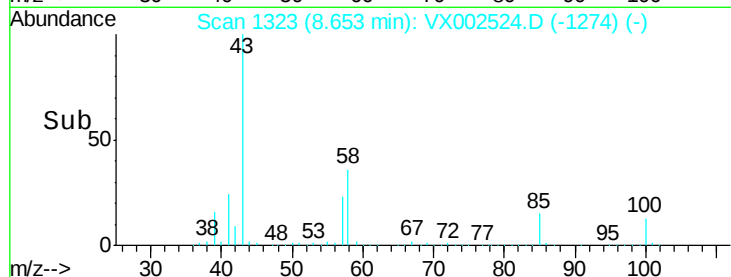
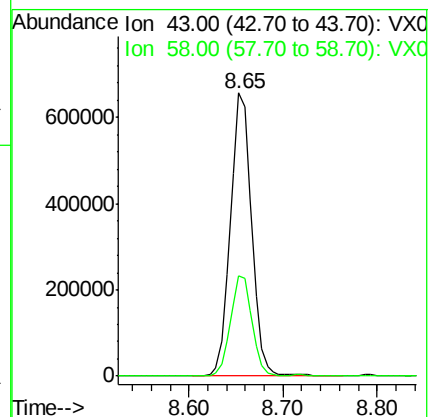
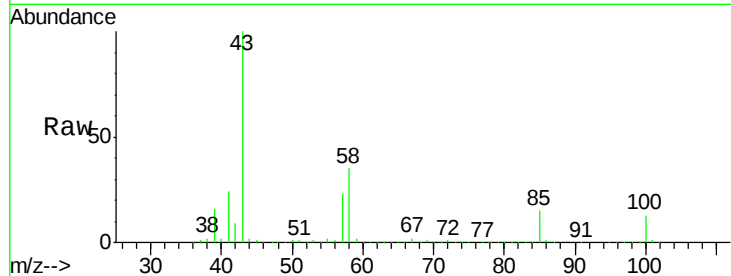
ClientSampleId :

Tot Ion: 43 Resp: 1027313

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



#52

Toluene

Concen: 50.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002524.D

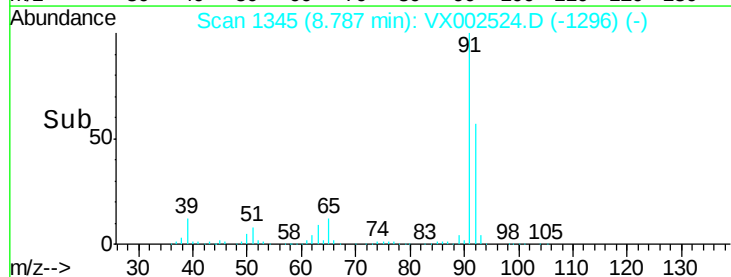
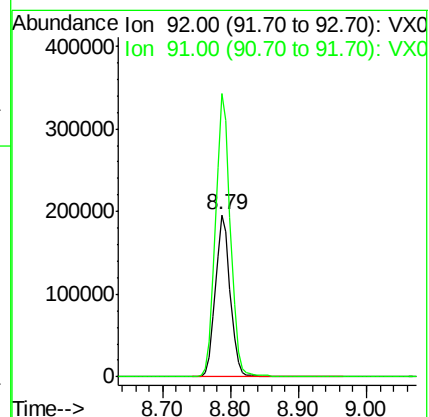
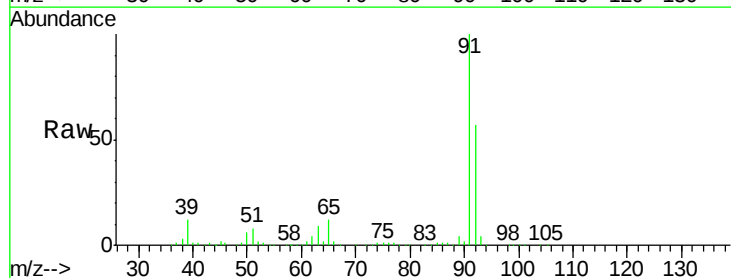
Acq: 13 Jun 2018 22:41

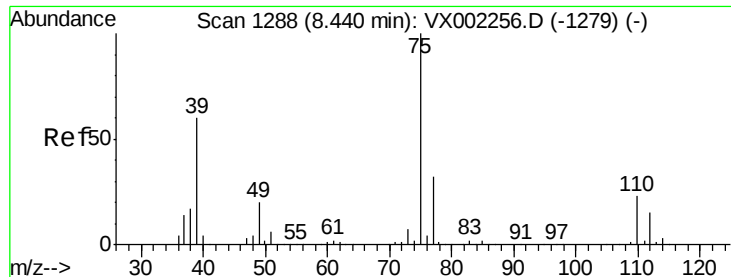
Tgt Ion: 92 Resp: 296999

Ion Ratio Lower Upper

92 100

91 176.0 140.4 210.6

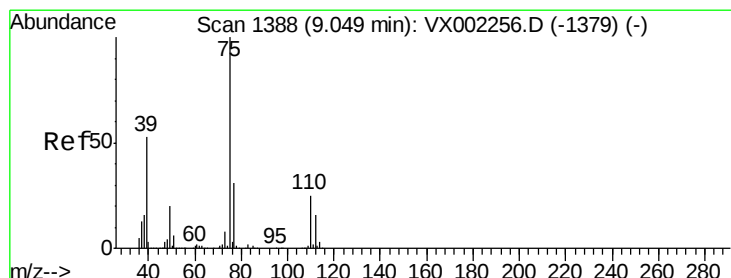
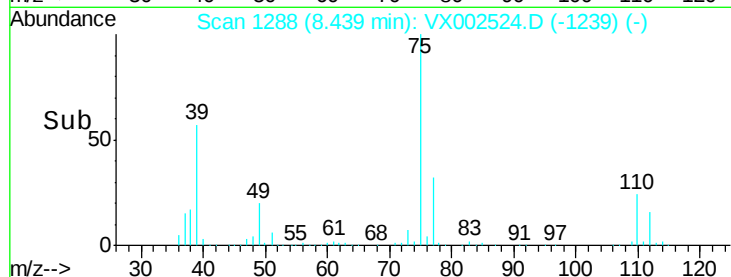
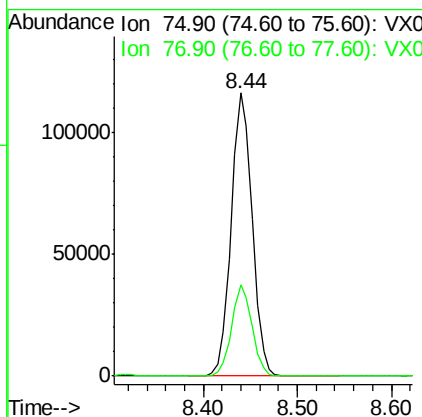
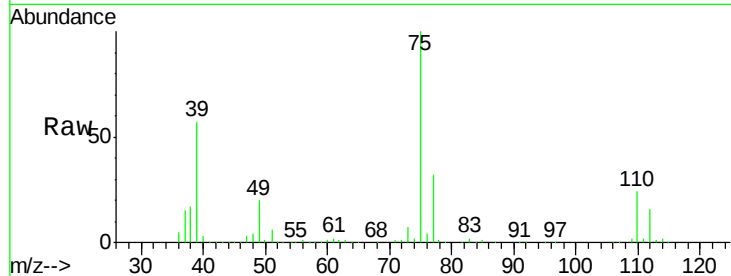




#53
t-1,3-Dichloropropene
Concen: 48.49 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

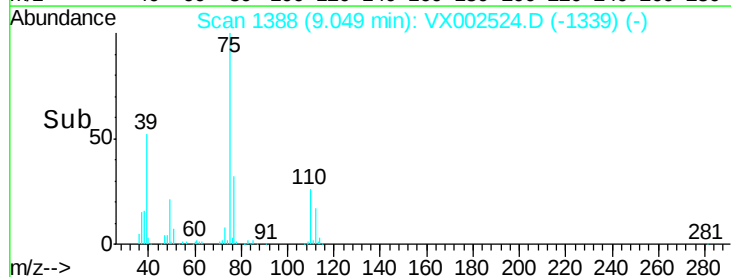
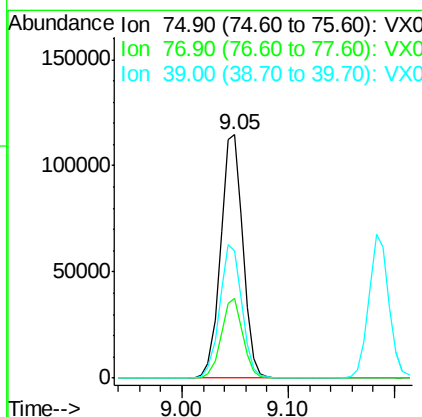
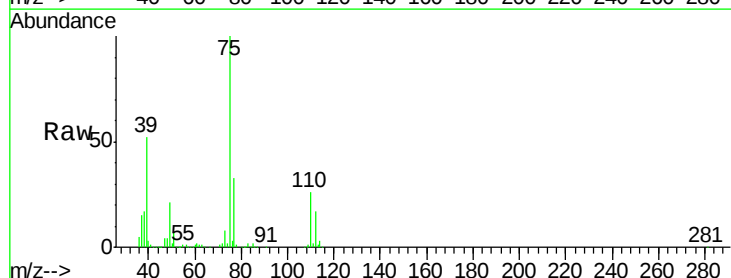
Instrument :
MSVOA_X
ClientSampled :

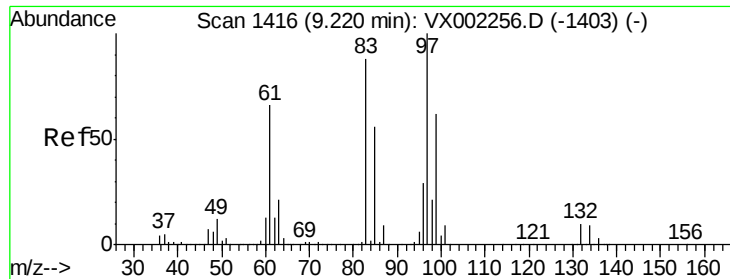
Tot Ion: 75 Resp: 179625
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.83 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 75 Resp: 167172
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 52.3 42.4 63.6

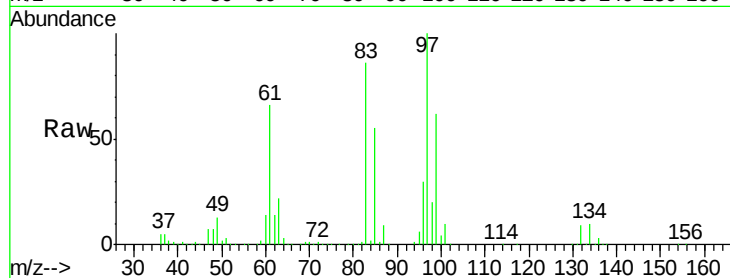




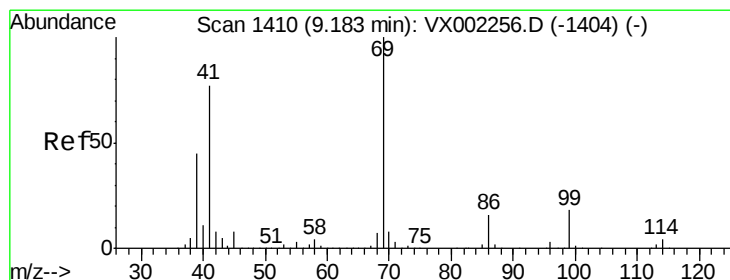
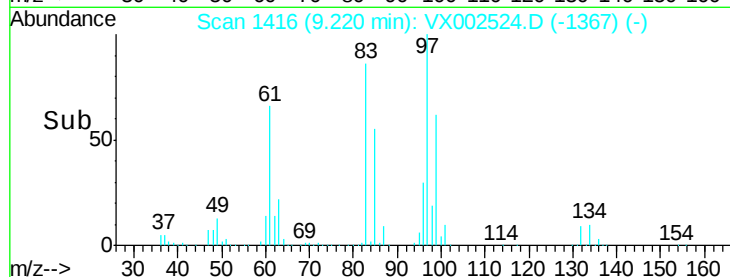
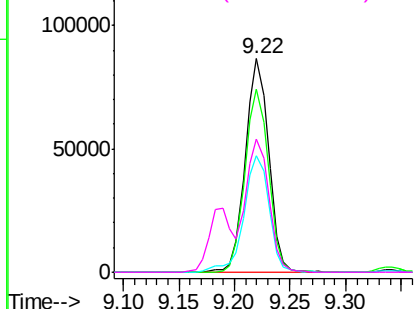
#55
 1,1,2-Trichloroethane
 Concen: 51.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	126462
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	54.6	44.9	67.3
99	61.9	49.8	74.8

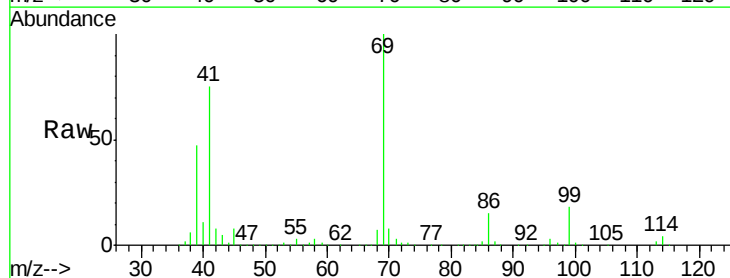


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

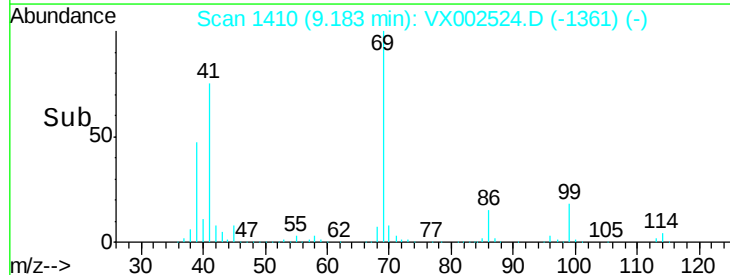
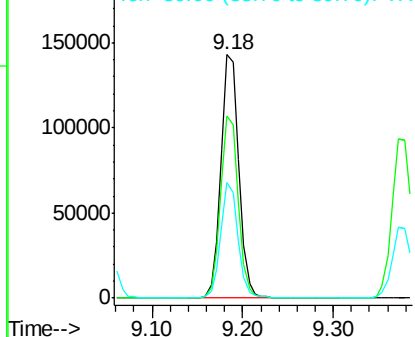


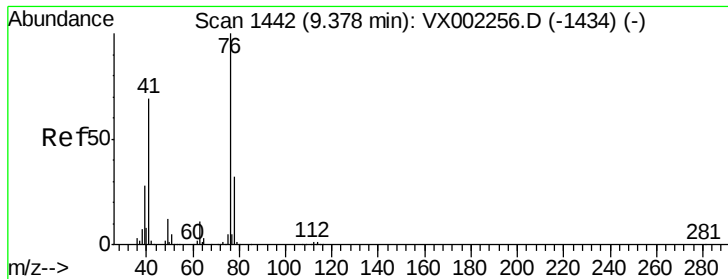
#56
 Ethyl methacrylate
 Concen: 50.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion:	69	Resp:	197750
Ion	Ratio	Lower	Upper
69	100		
41	73.9	60.3	90.5
39	45.4	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 50.83 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

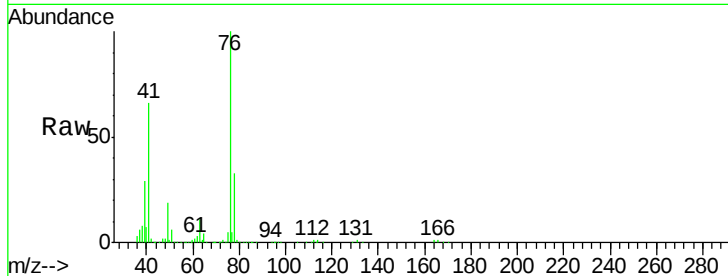
ClientSampled :

Tot Ion: 76 Resp: 208186

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

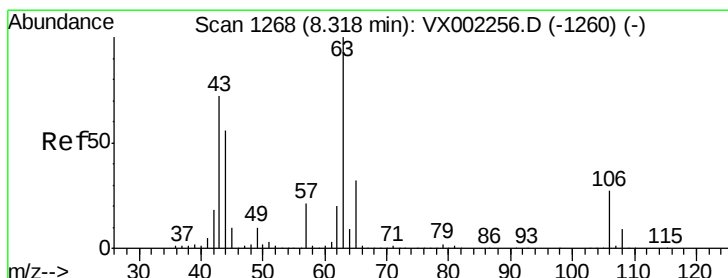
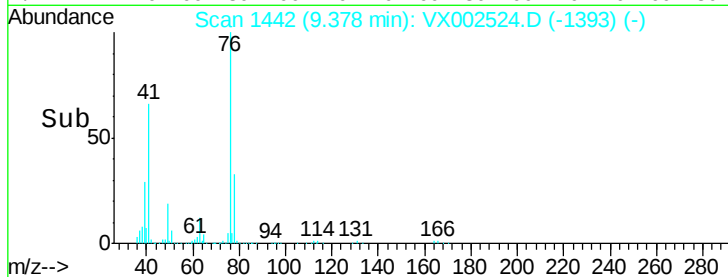
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.60 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002524.D

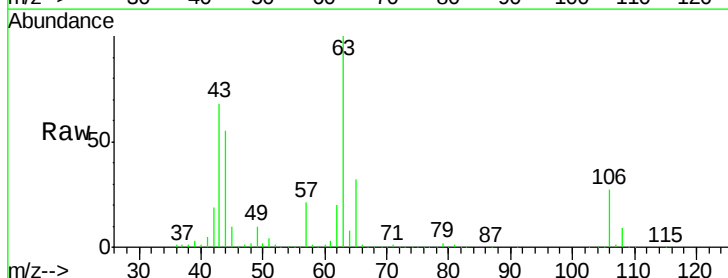
Acq: 13 Jun 2018 22:41

Tgt Ion: 63 Resp: 466529

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

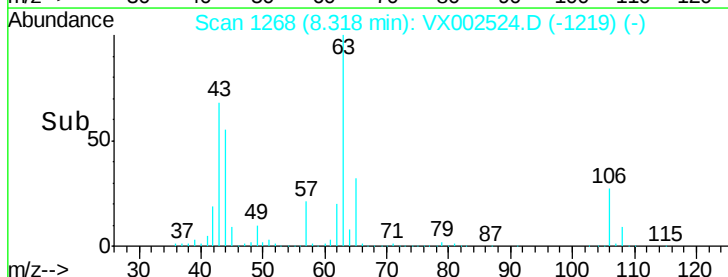
300000

200000

100000

0

Time-->

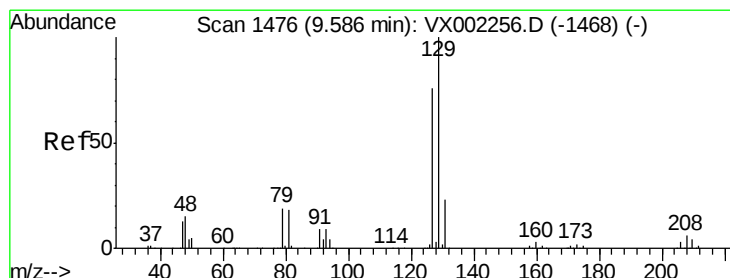
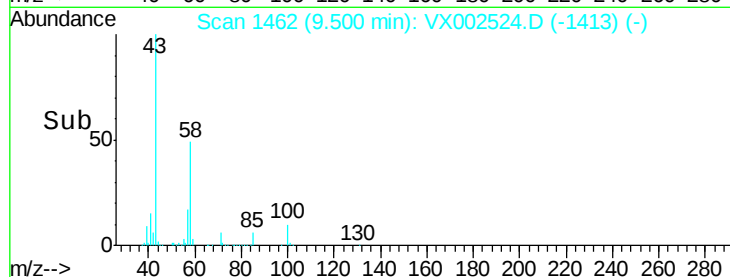
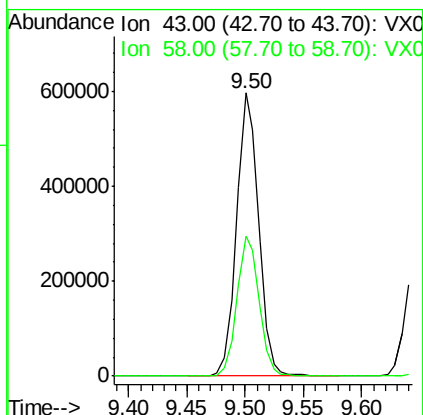
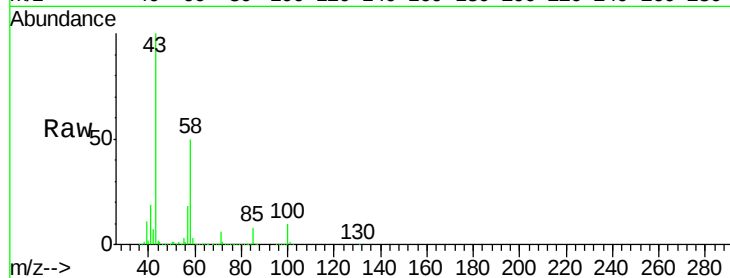




#59
2-Hexanone
Concen: 263.09 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

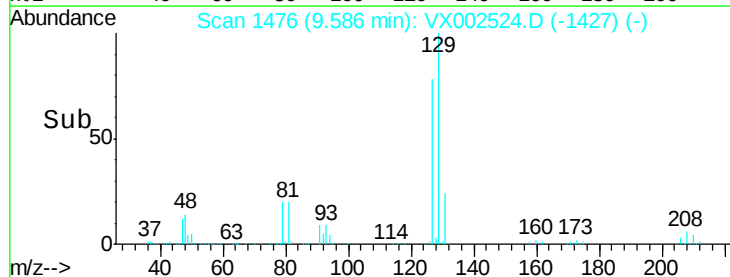
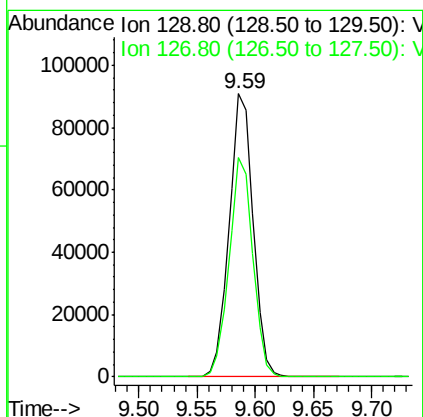
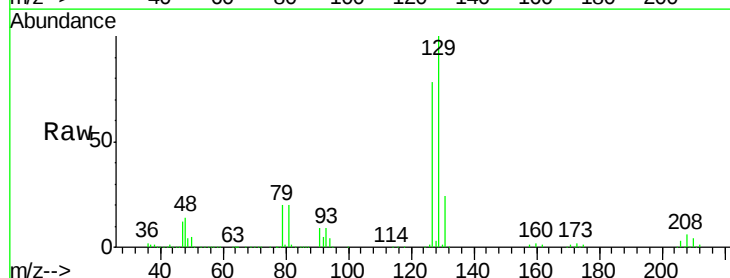
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 786833
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6



#60
Dibromochloromethane
Concen: 53.03 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 129 Resp: 130236
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

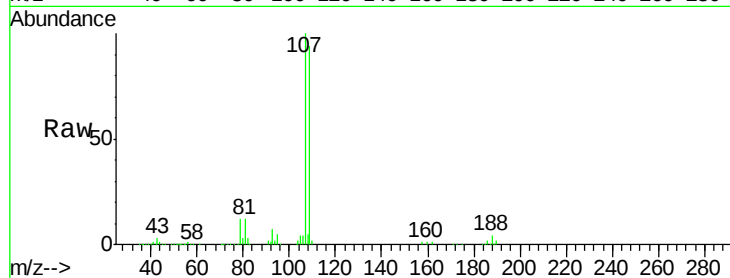
ClientSampleId :

Tot Ion:107 Resp: 133353

Ion Ratio Lower Upper

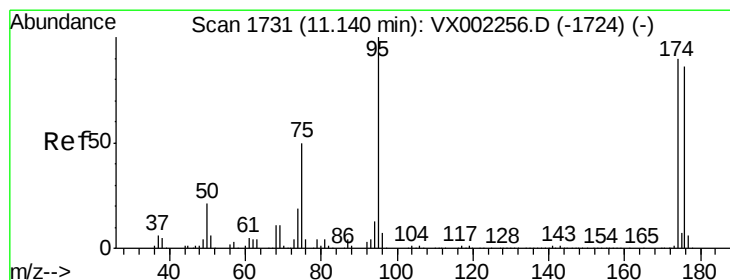
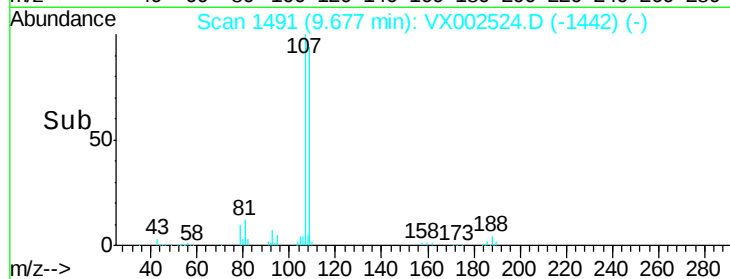
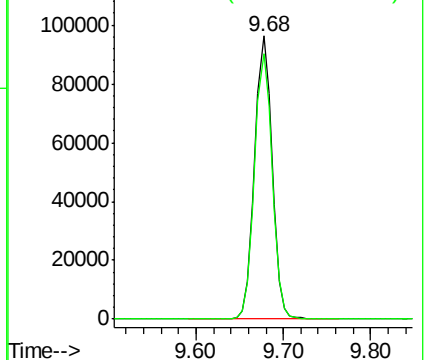
107 100

109 95.0 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: 48.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

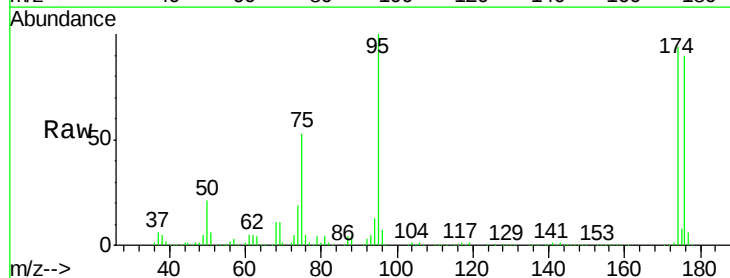
Tgt Ion: 95 Resp: 162463

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

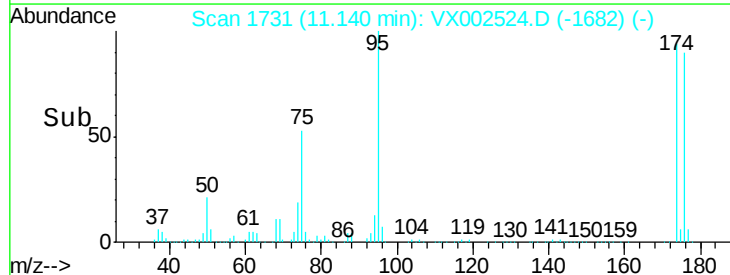
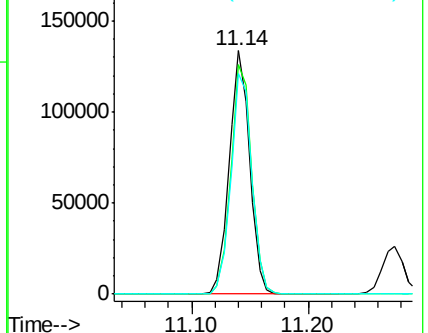
176 92.9 0.0 181.0

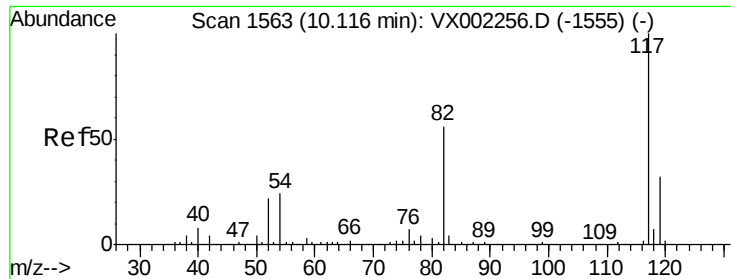


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

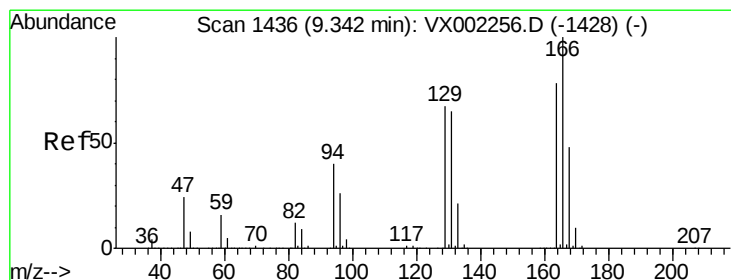
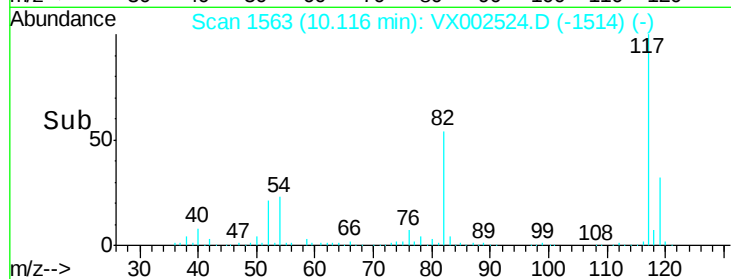
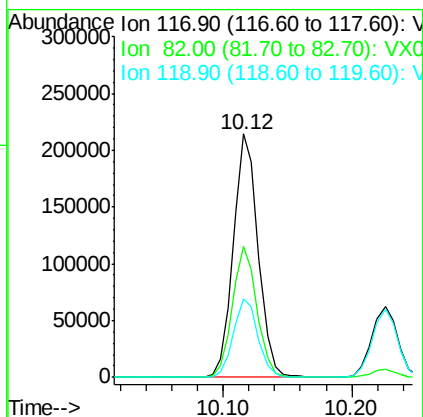
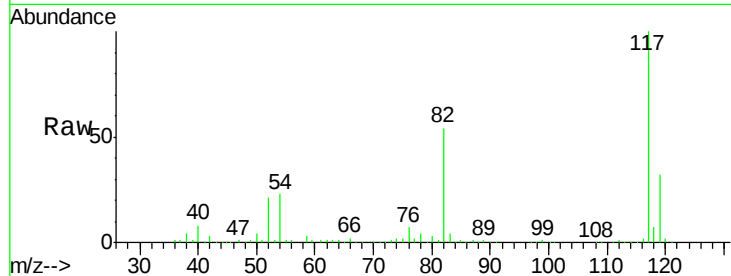




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

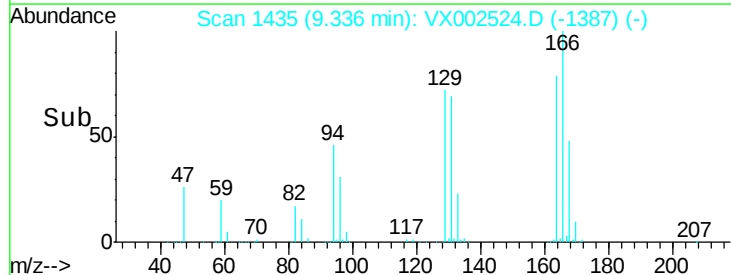
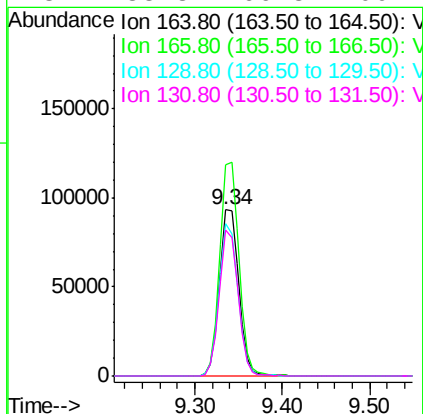
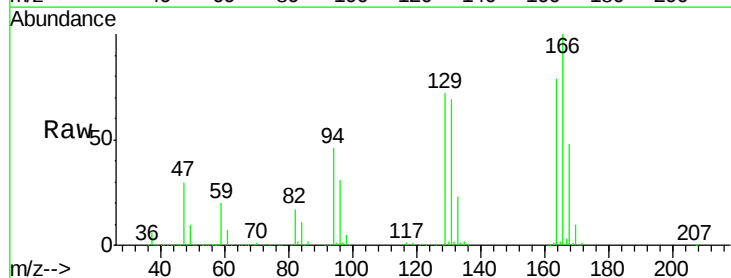
Instrument :
MSVOA_X
ClientSampled :

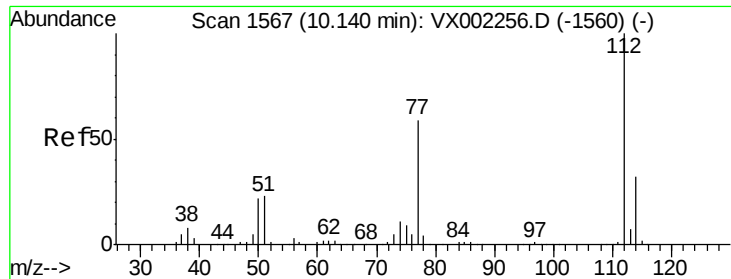
Tot Ion:117 Resp: 287647
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 47.85 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion:164 Resp: 141945
Ion Ratio Lower Upper
164 100
166 127.1 102.9 154.3
129 91.9 68.6 102.8
131 88.3 66.8 100.2

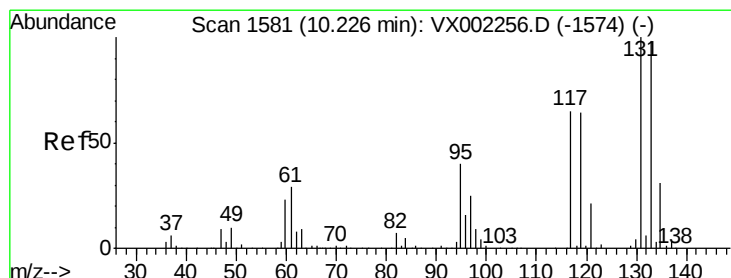
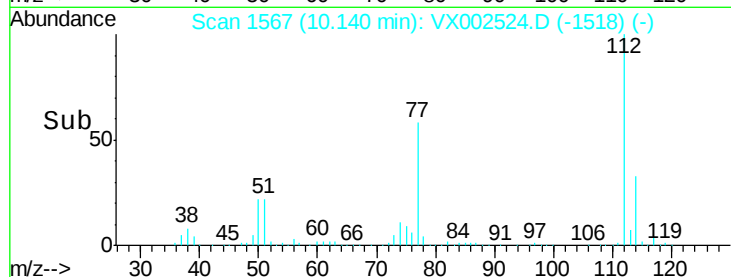
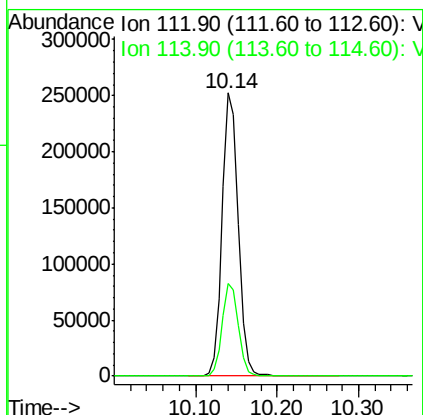
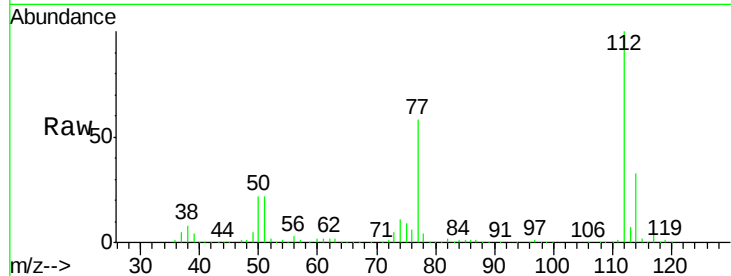




#65
Chlorobenzene
Concen: 48.69 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

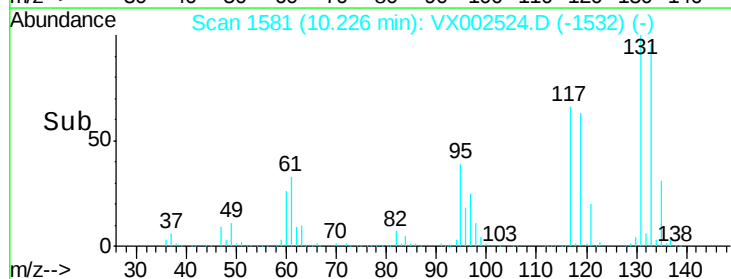
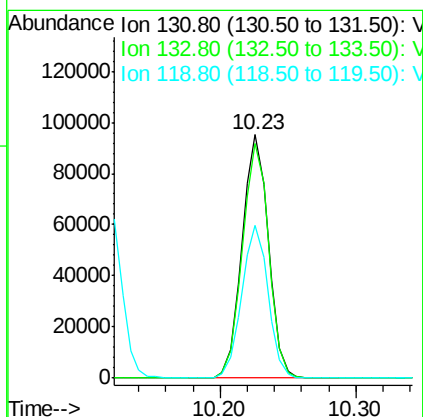
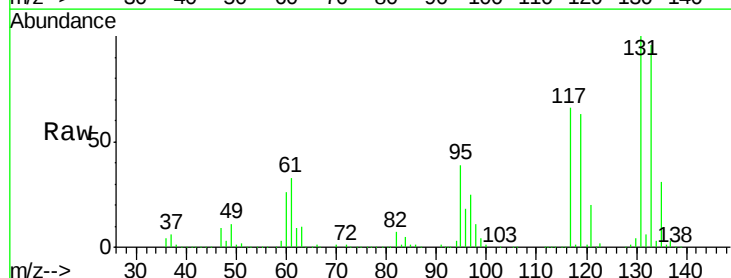
Instrument :
MSVOA_X
ClientSampled :

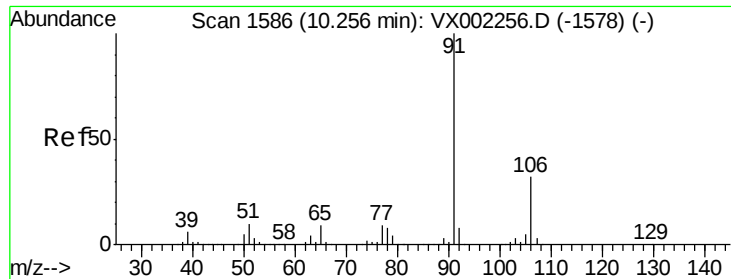
Tot Ion:112 Resp: 348502
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.57 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion:131 Resp: 128463
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 62.5 31.8 95.3

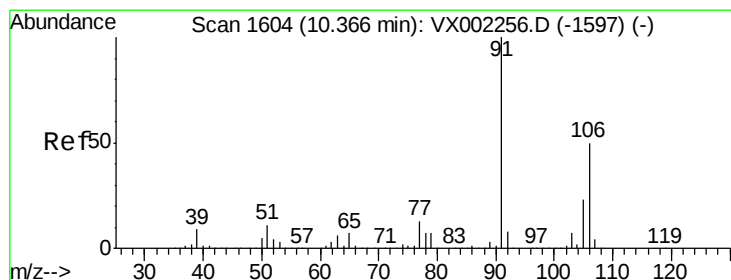
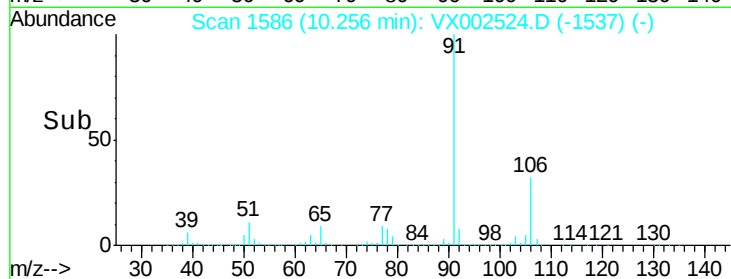
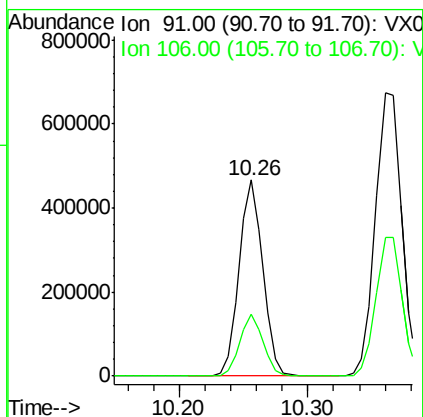
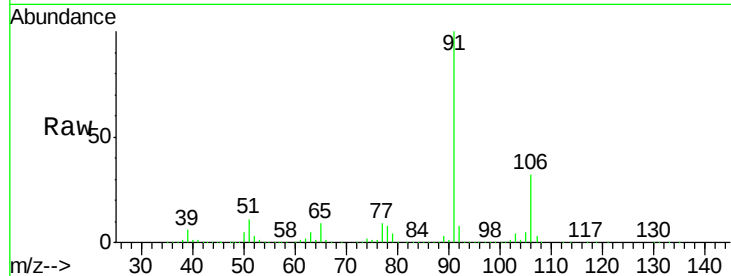




#67
Ethyl Benzene
Concen: 49.87 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

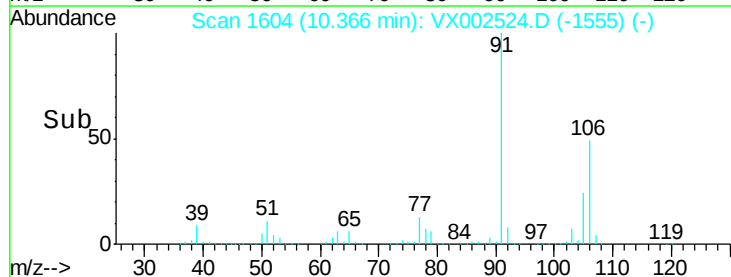
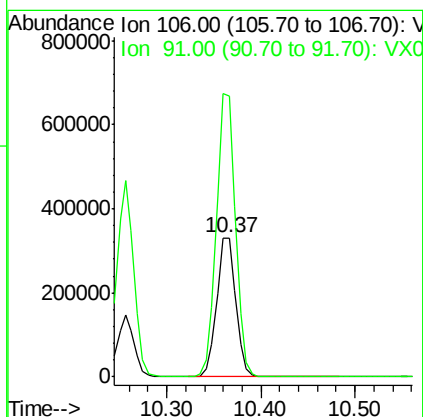
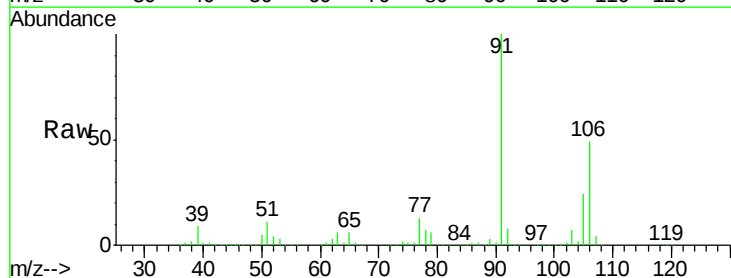
Instrument :
MSVOA_X
ClientSampleId :

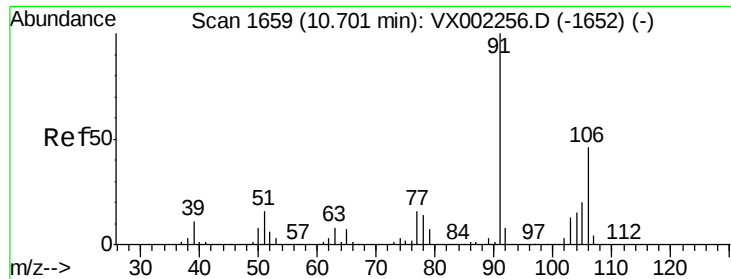
Tot Ion: 91 Resp: 597374
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 99.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion: 106 Resp: 463482
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.2

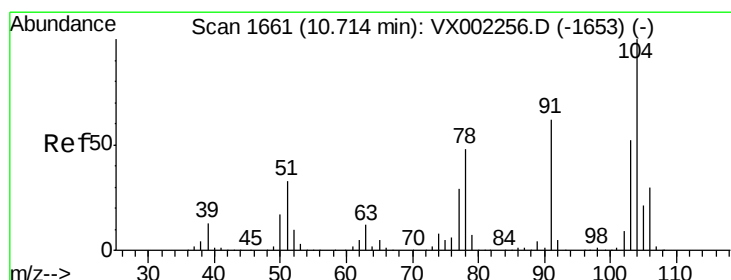
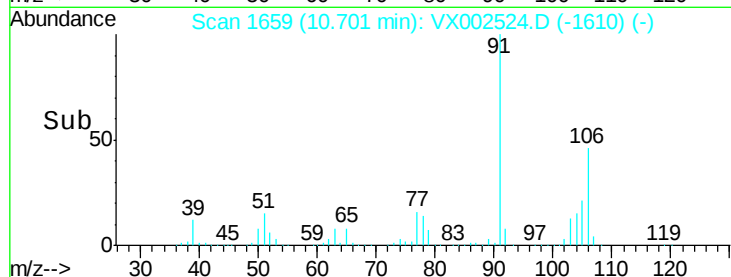
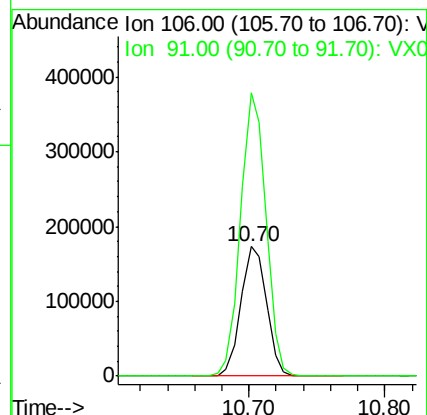
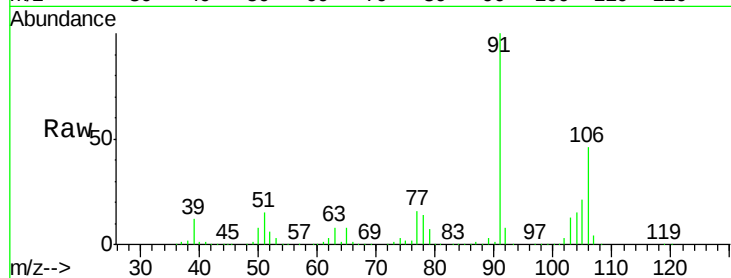




#69
o-Xylene
Concen: 49.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

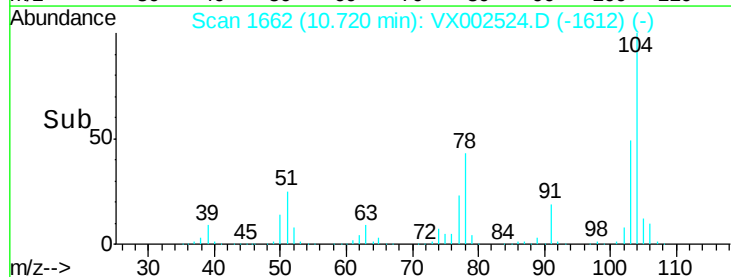
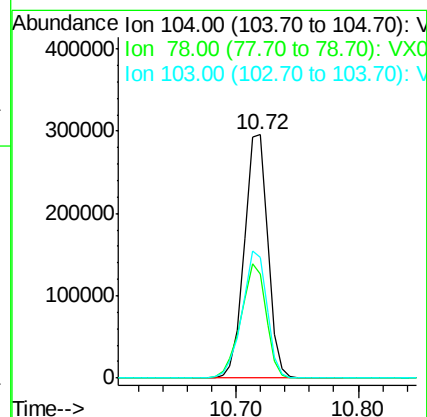
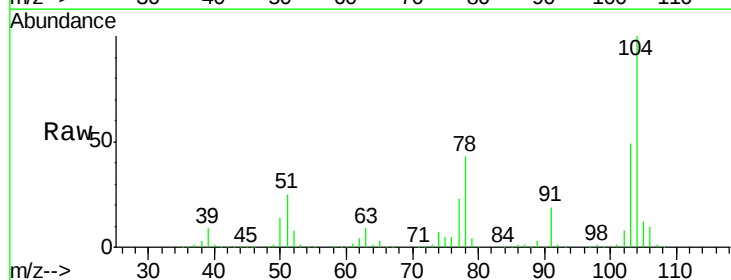
Instrument :
MSVOA_X
ClientSampled :

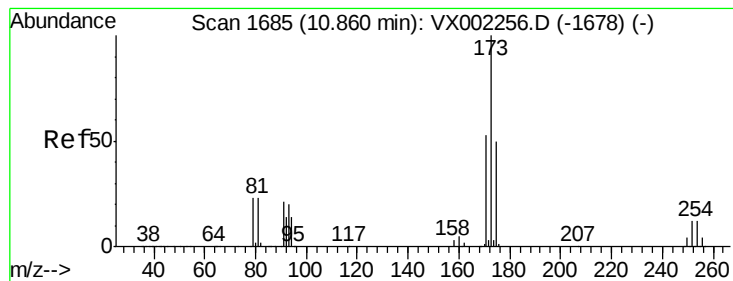
Tot Ion:106 Resp: 228577
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



#70
Styrene
Concen: 51.77 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002524.D
Acq: 13 Jun 2018 22:41

Tgt Ion:104 Resp: 392165
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 43.73 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

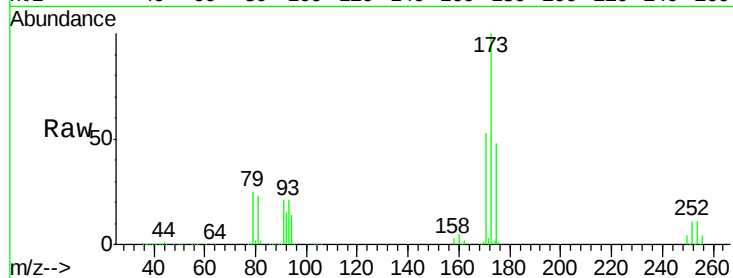
Tot Ion:173 Resp: 100407

Ion Ratio Lower Upper

173 100

175 48.2 24.7 74.1

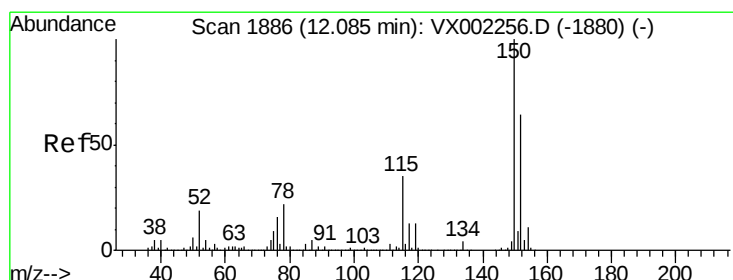
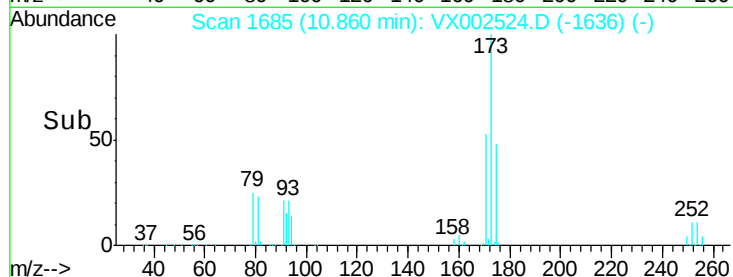
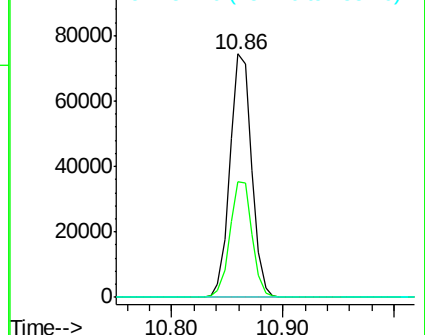
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

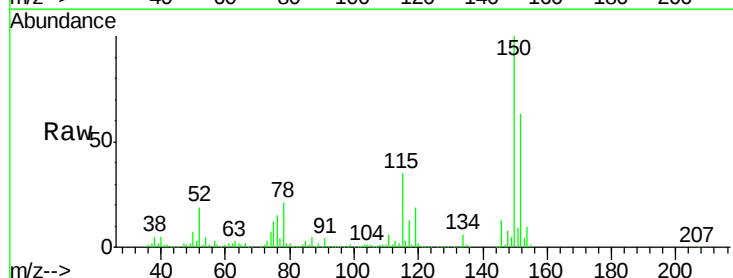
Tgt Ion:152 Resp: 189730

Ion Ratio Lower Upper

152 100

115 79.9 40.1 120.2

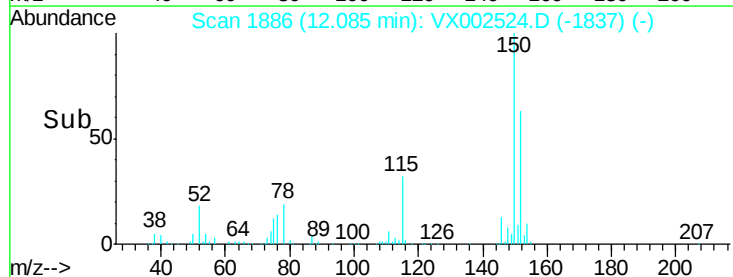
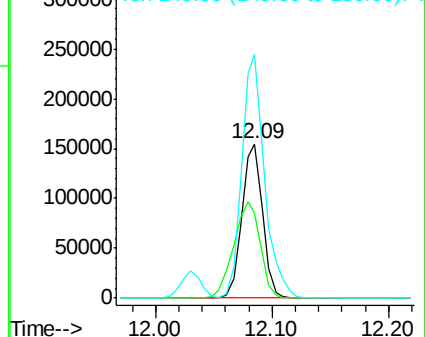
150 174.4 0.0 347.2

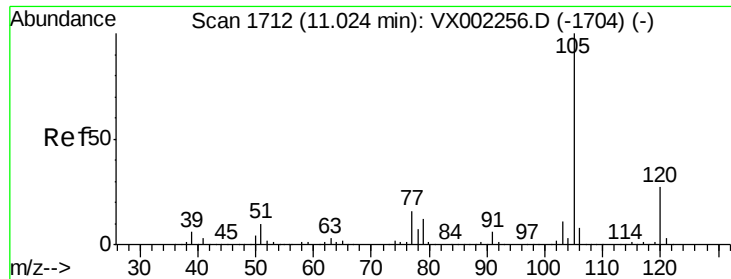


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

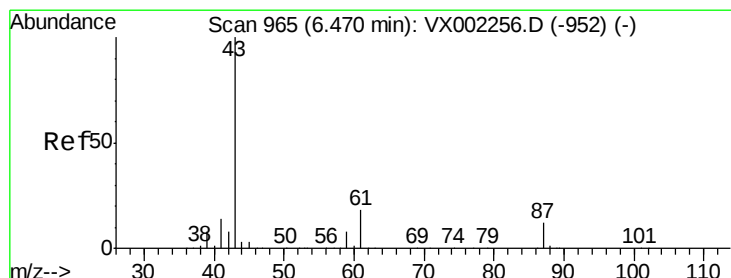
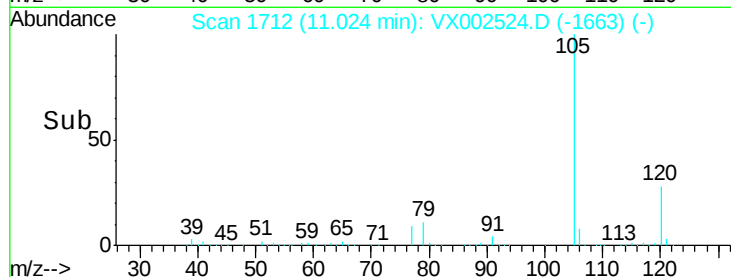
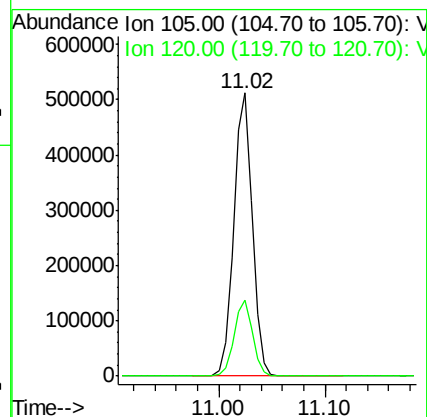
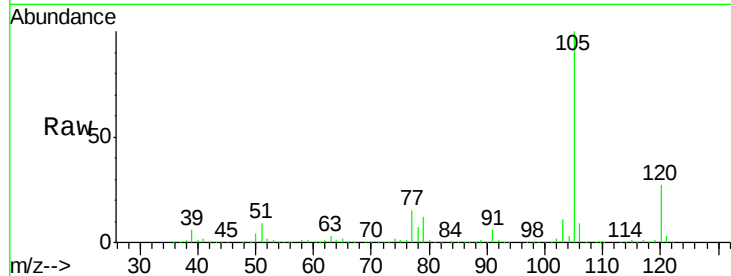
ClientSampleId :

Tot Ion:105 Resp: 624392

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 42.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Tgt Ion: 43 Resp: 302788

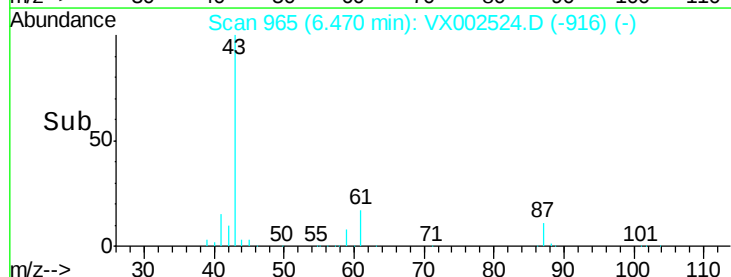
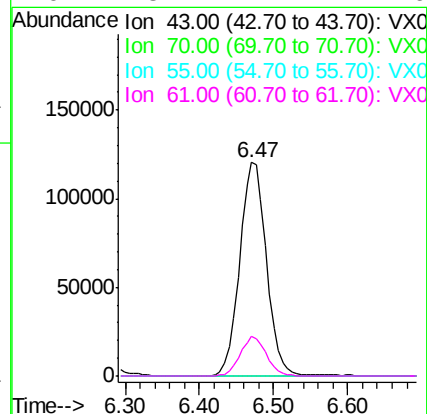
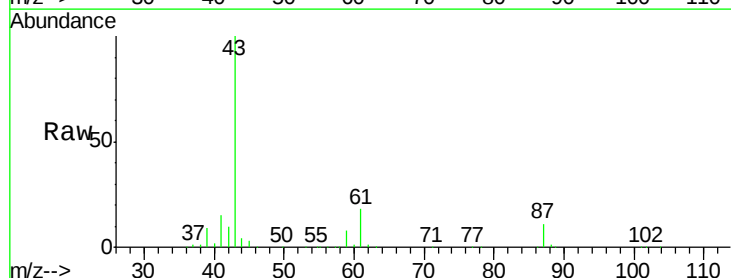
Ion Ratio Lower Upper

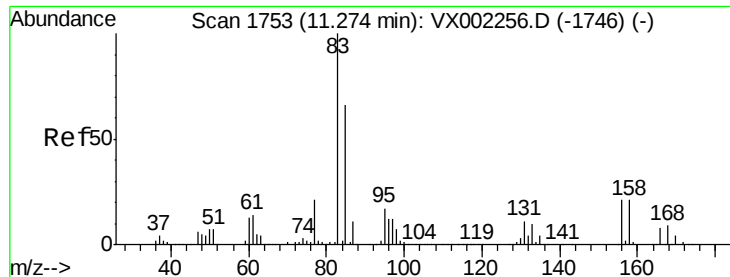
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

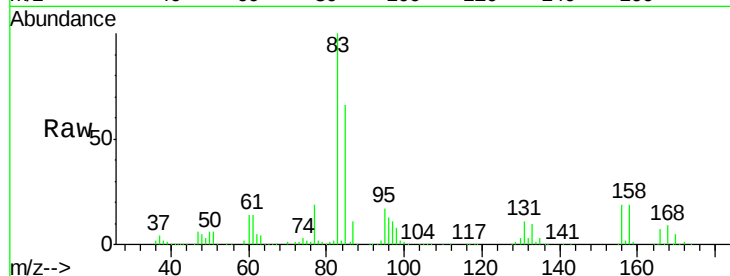
Tot Ion: 83 Resp: 195923

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

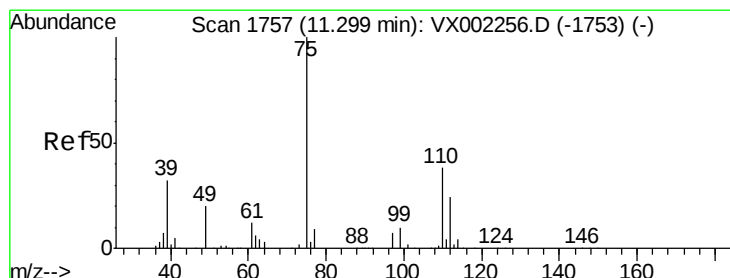
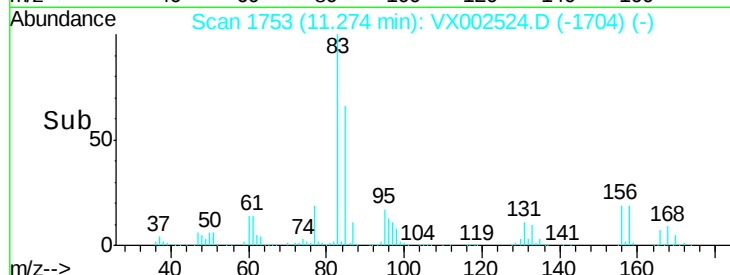
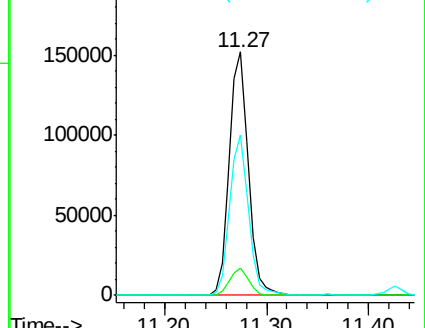
85 65.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.85 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002524.D

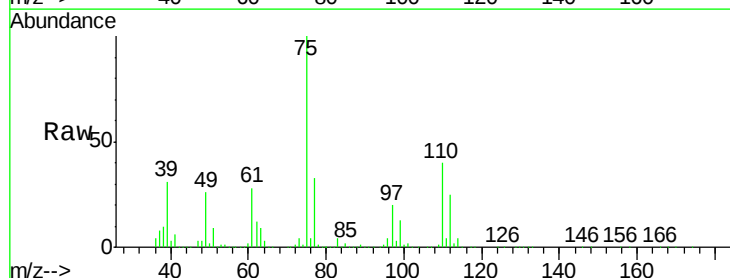
Acq: 13 Jun 2018 22:41

Tgt Ion: 75 Resp: 224182

Ion Ratio Lower Upper

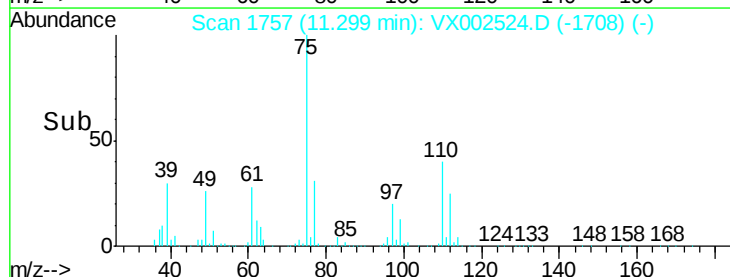
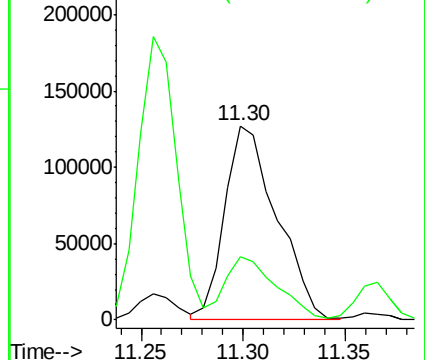
75 100

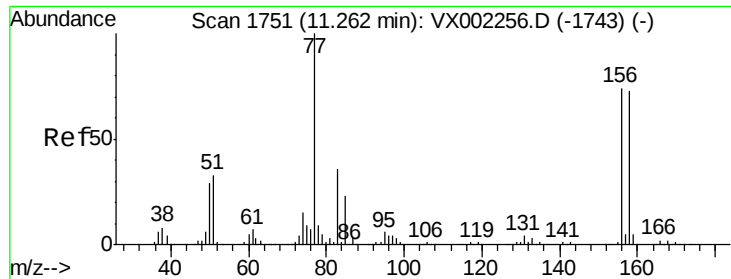
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.30 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

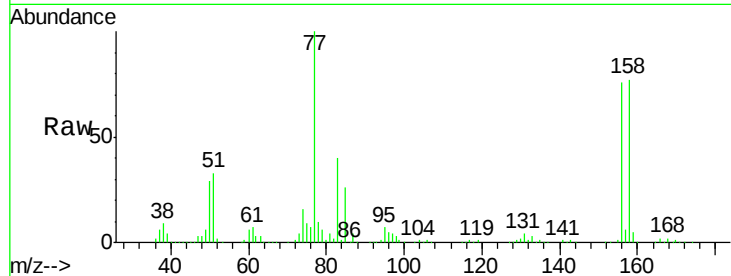
Tot Ion:156 Resp: 171544

Ion Ratio Lower Upper

156 100

77 140.4 71.4 214.2

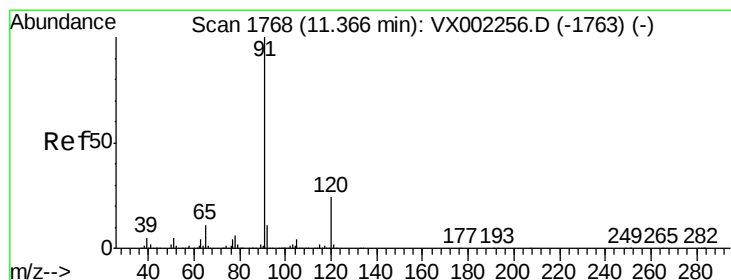
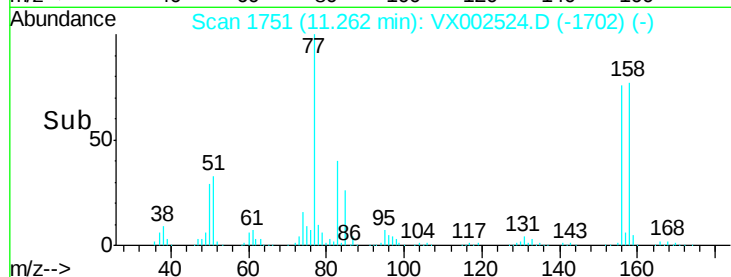
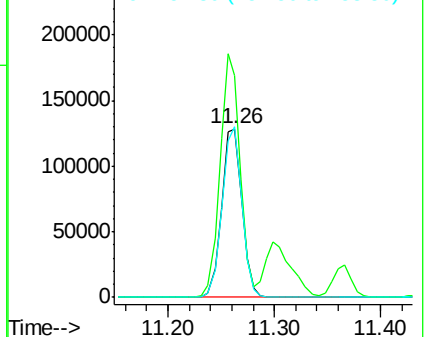
158 98.1 48.9 146.6



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: 48.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002524.D

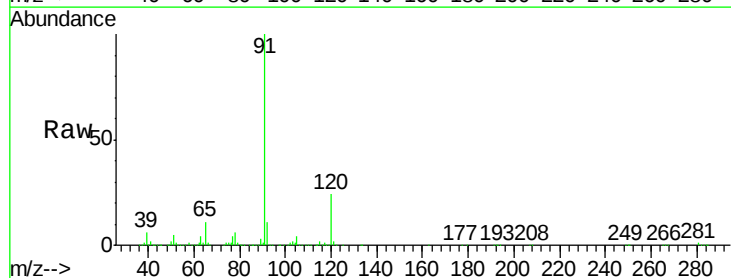
Acq: 13 Jun 2018 22:41

Tgt Ion: 91 Resp: 715208

Ion Ratio Lower Upper

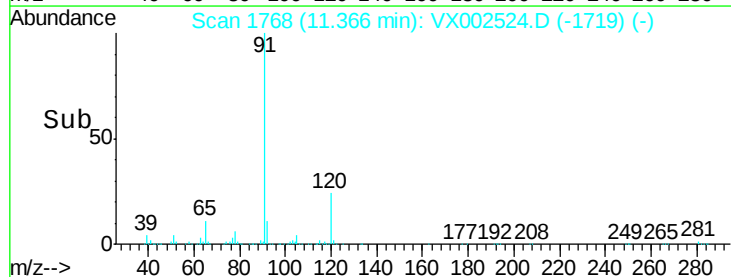
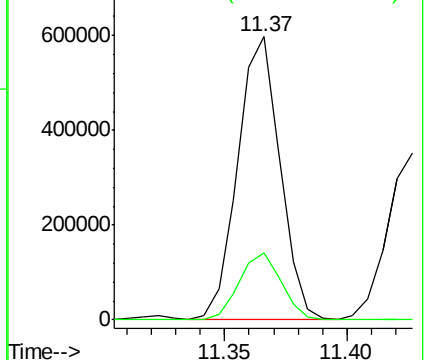
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.90 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

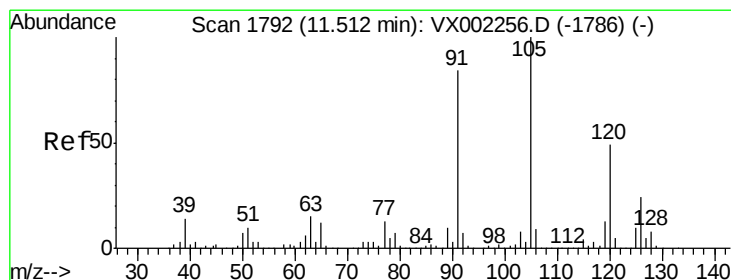
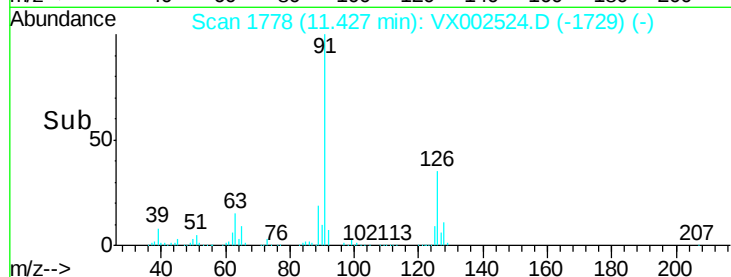
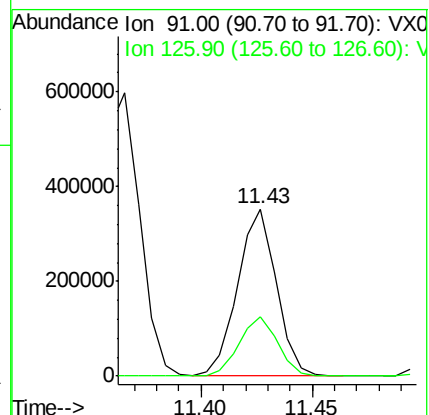
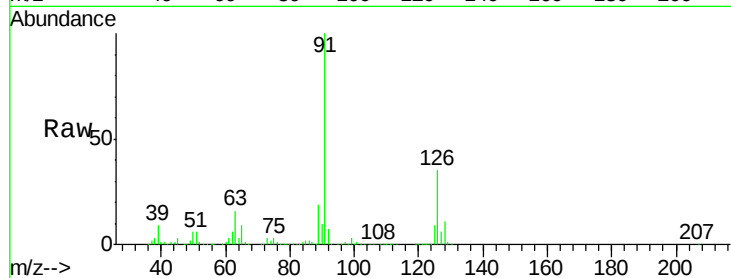
ClientSampleId :

Tot Ion: 91 Resp: 425198

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 47.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002524.D

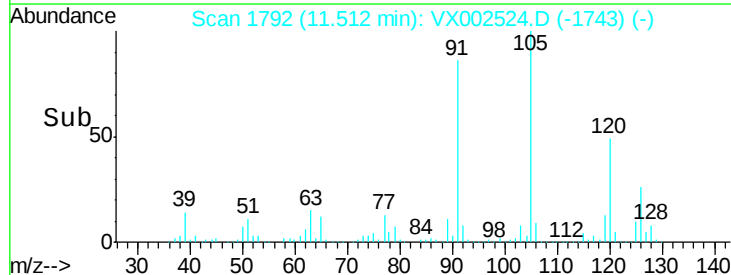
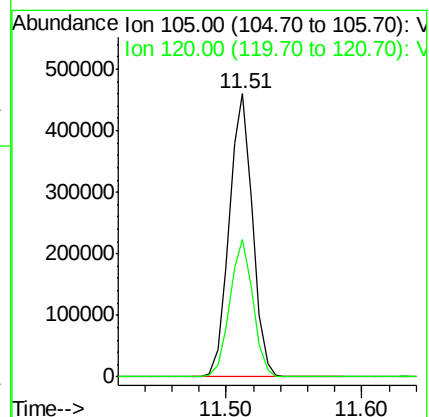
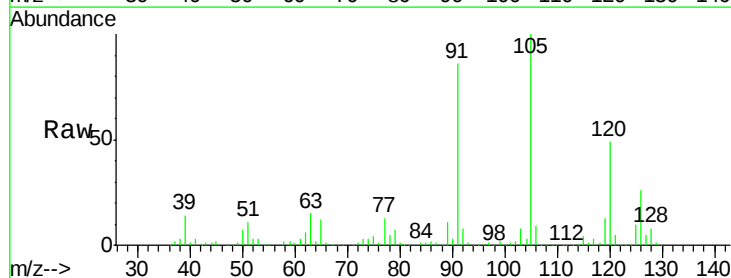
Acq: 13 Jun 2018 22:41

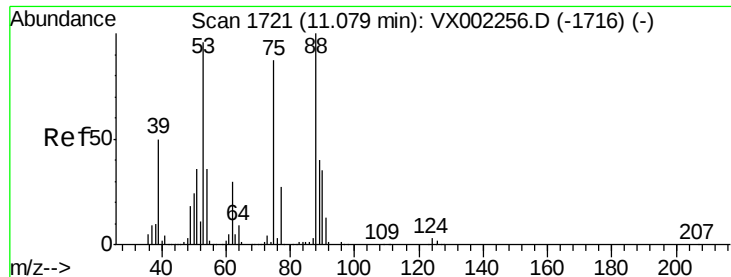
Tgt Ion:105 Resp: 542332

Ion Ratio Lower Upper

105 100

120 48.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.45 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

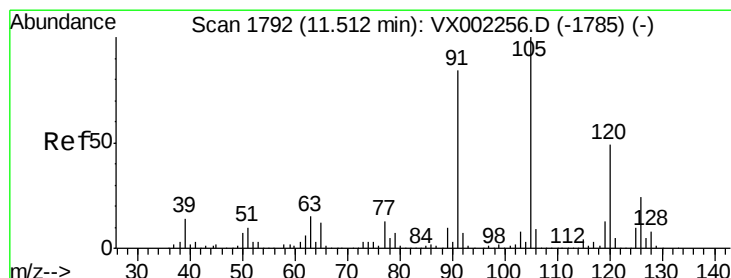
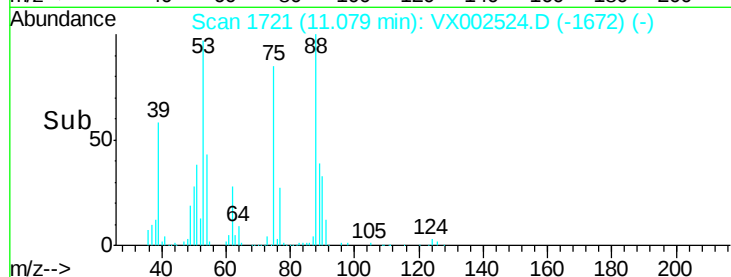
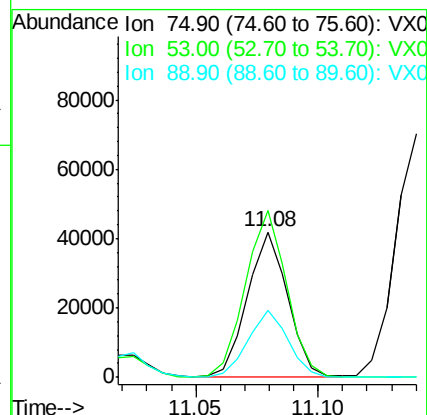
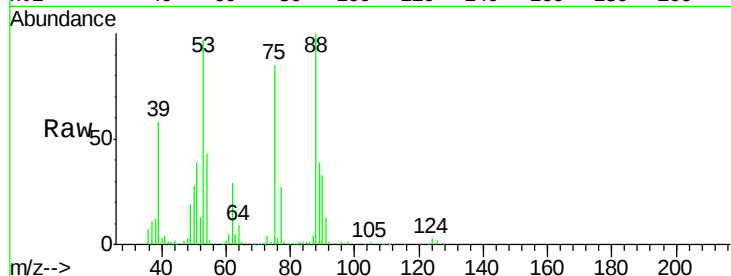
Tot Ion: 75 Resp: 48045

Ion Ratio Lower Upper

75 100

53 117.5 86.8 130.2

89 46.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 47.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002524.D

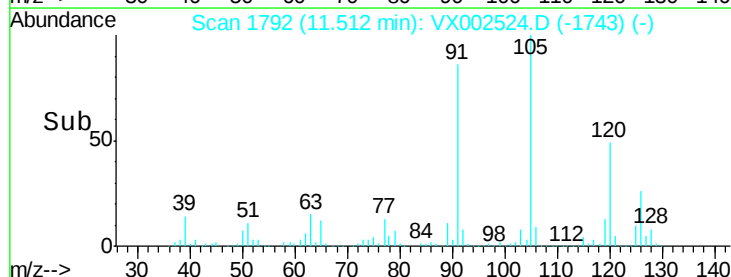
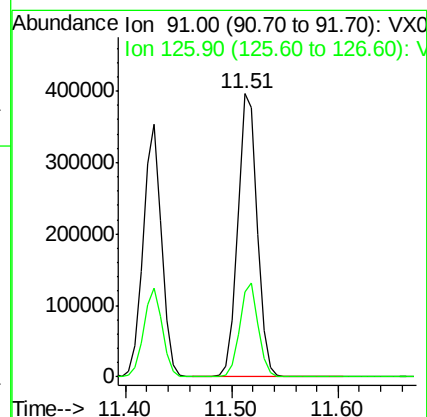
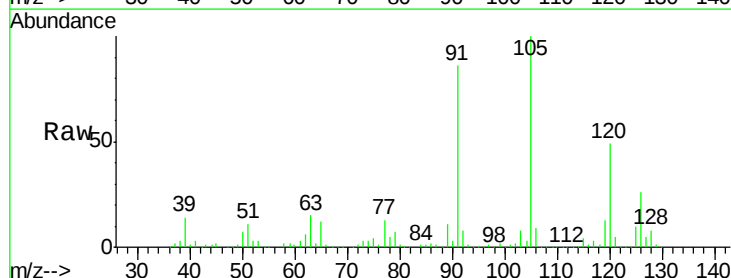
Acq: 13 Jun 2018 22:41

Tgt Ion: 91 Resp: 508646

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4

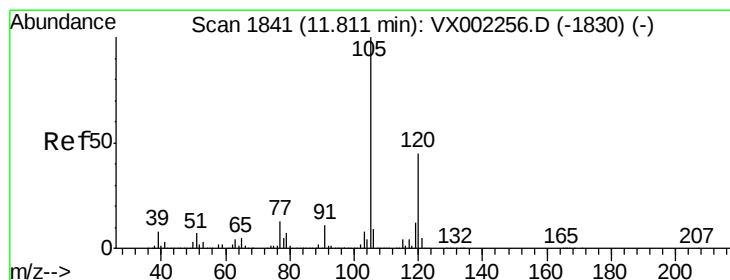
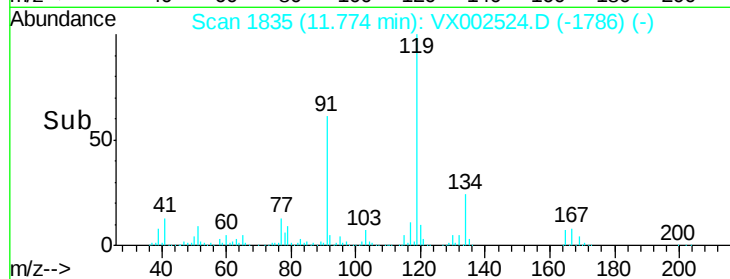
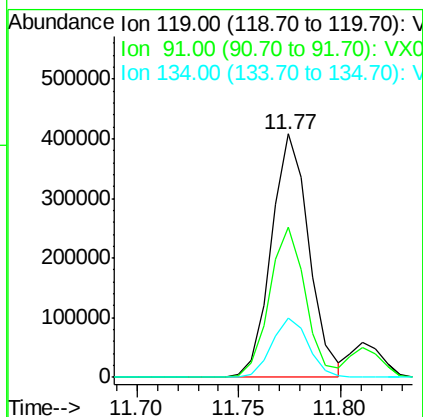
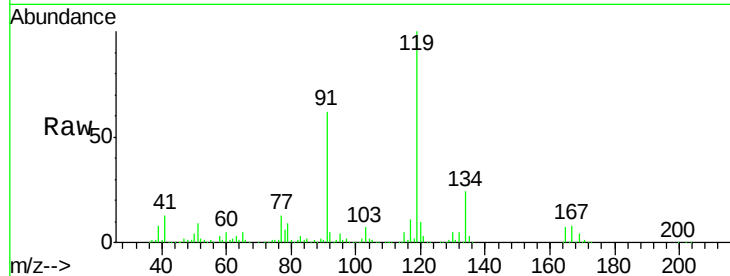




#83
 tert-Butylbenzene
 Concen: 47.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

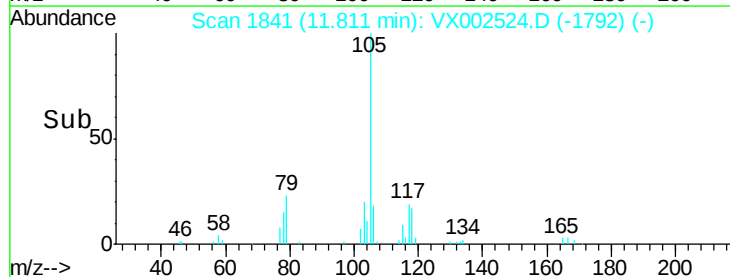
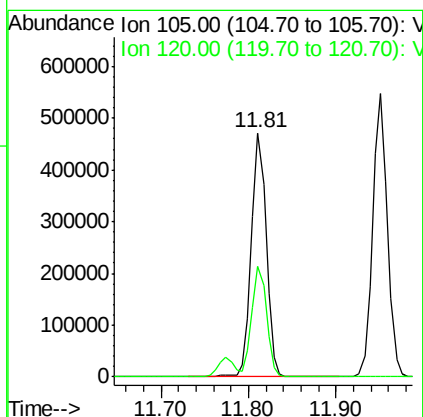
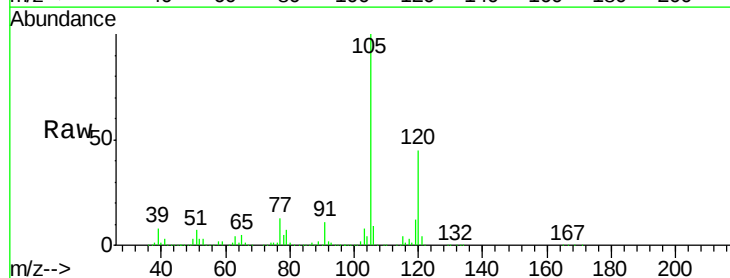
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 524810
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.43 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion:105 Resp: 552686
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.04 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

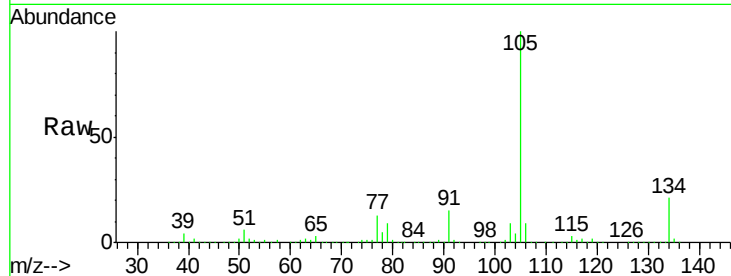
ClientSampled :

Tot Ion:105 Resp: 646645

Ion Ratio Lower Upper

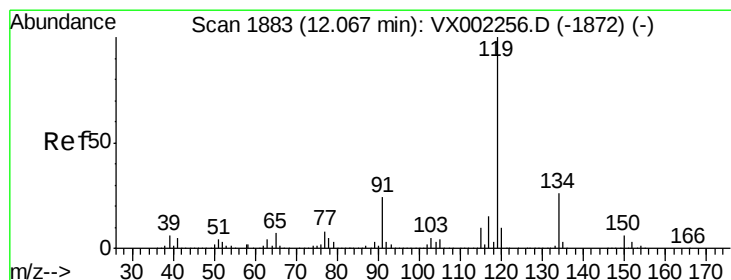
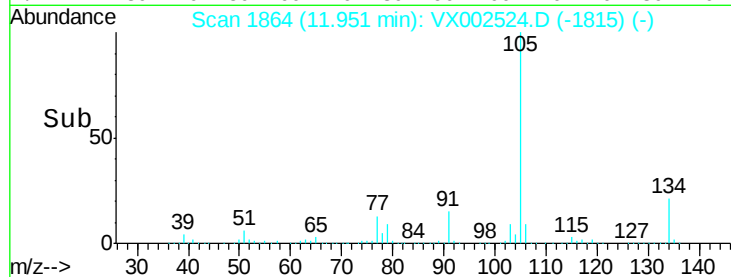
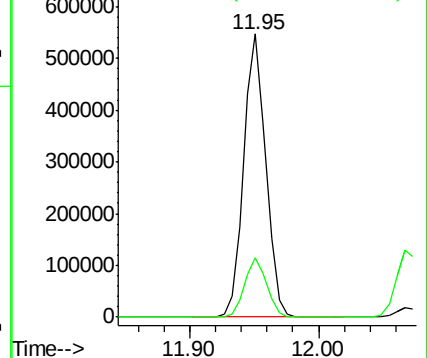
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.66 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

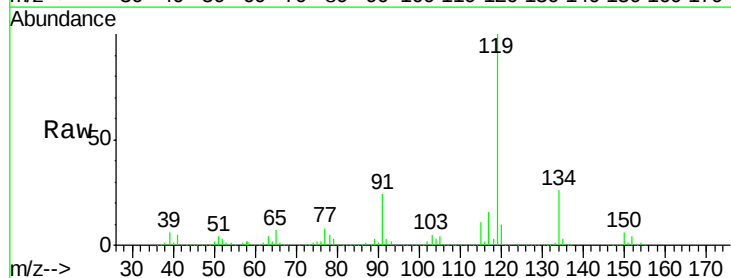
Tgt Ion:119 Resp: 584637

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

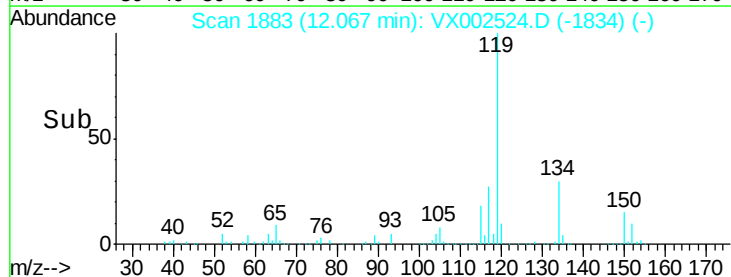
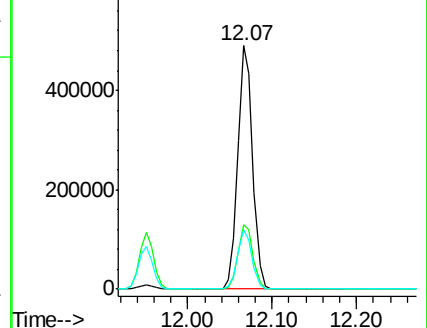
91 23.8 11.9 35.7

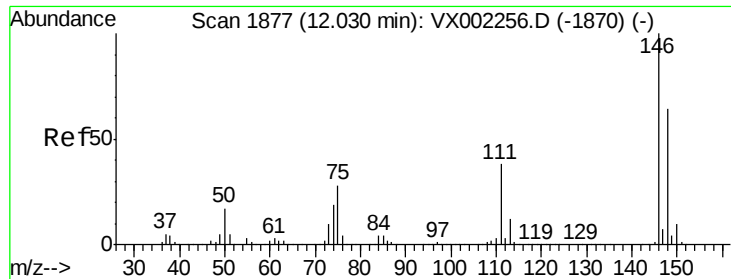


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.20 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

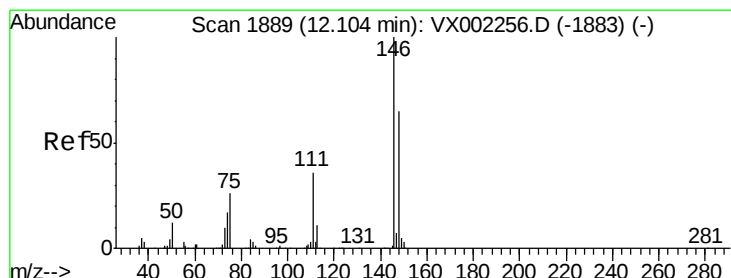
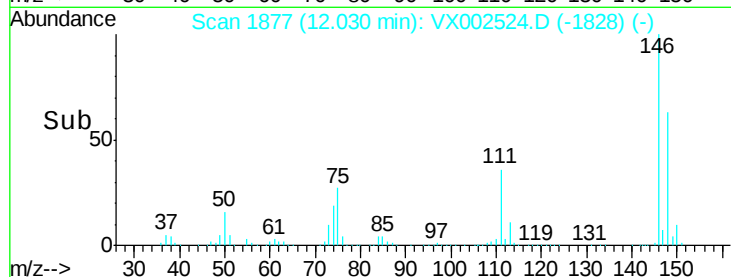
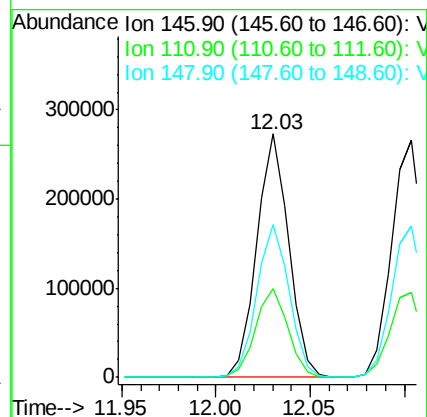
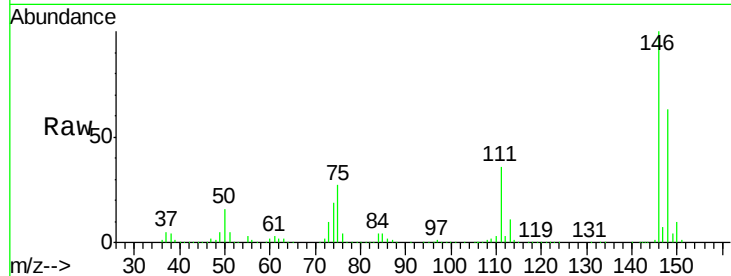
Tot Ion:146 Resp: 319303

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

148 64.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 47.91 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

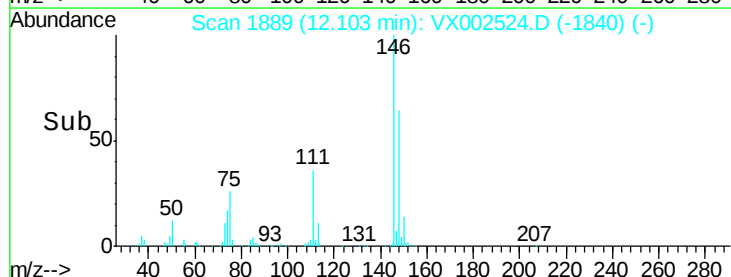
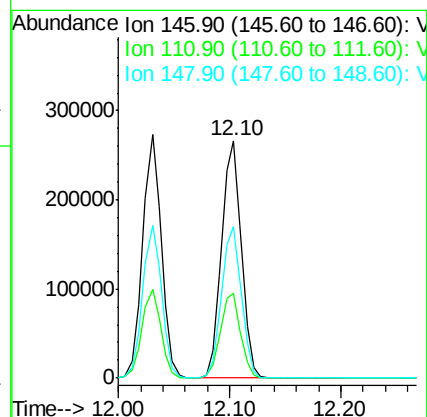
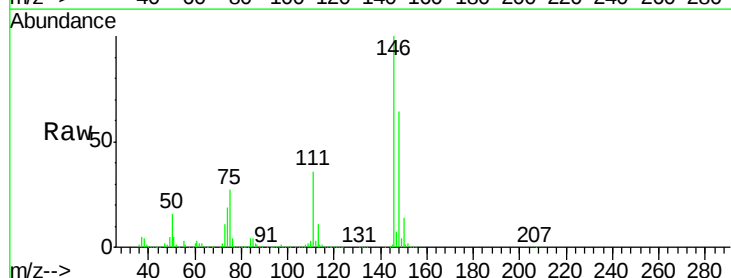
Tgt Ion:146 Resp: 327174

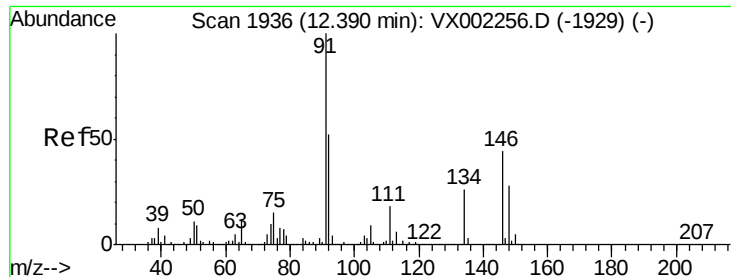
Ion Ratio Lower Upper

146 100

111 36.7 18.7 56.1

148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 51.67 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

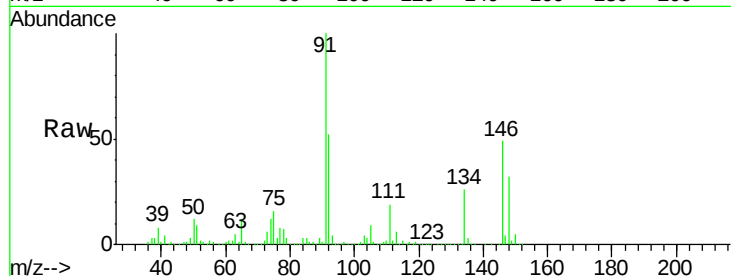
Tot Ion: 91 Resp: 510087

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

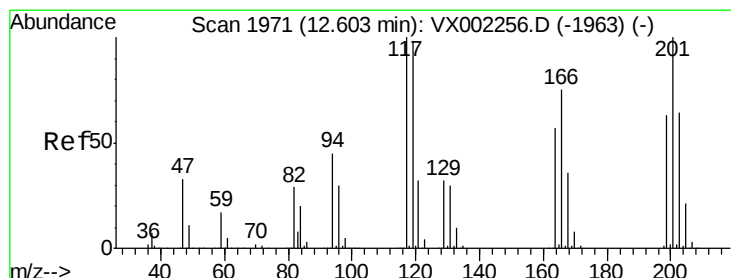
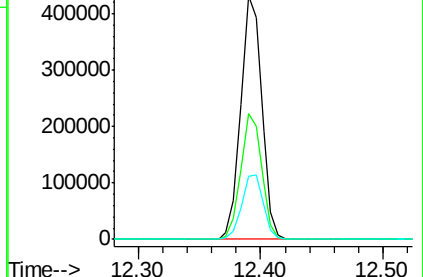
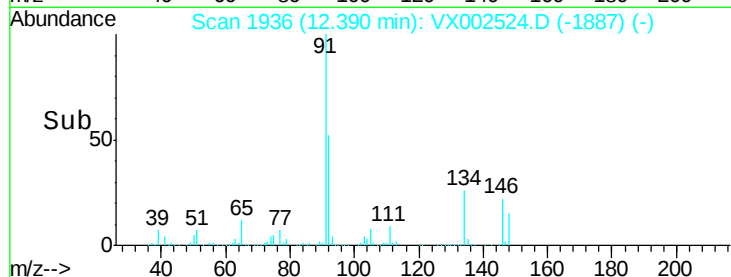
134 27.1 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002524.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002524.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002524.D (-1929) (-)



#90

Hexachloroethane

Concen: 45.60 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002524.D

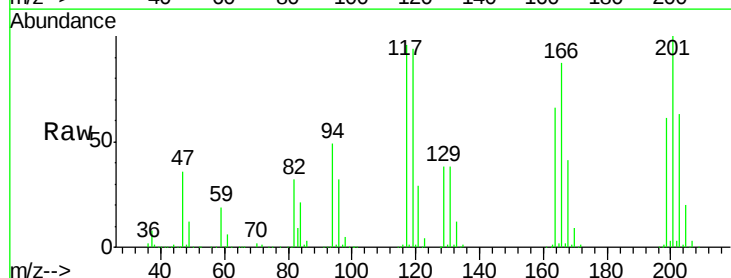
Acq: 13 Jun 2018 22:41

Tgt Ion: 117 Resp: 85679

Ion Ratio Lower Upper

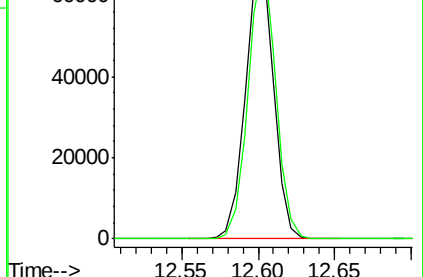
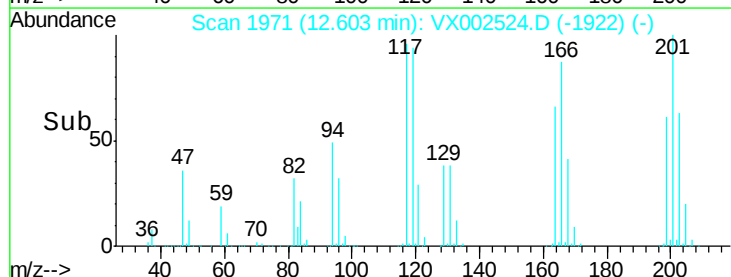
117 100

201 98.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002524.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002524.D (-1963) (-)

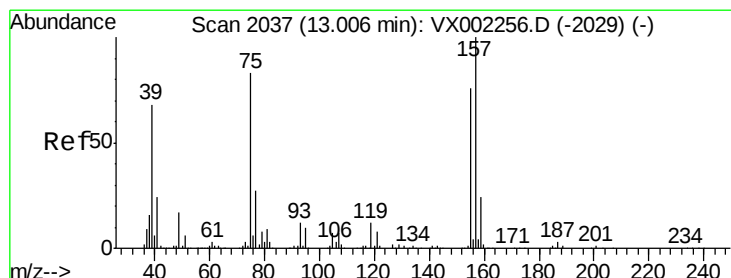
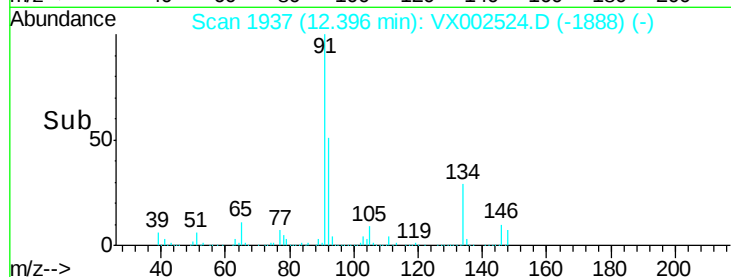
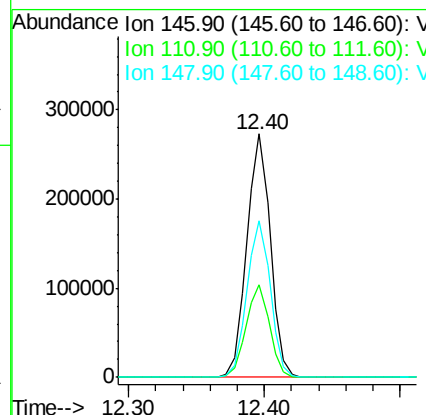
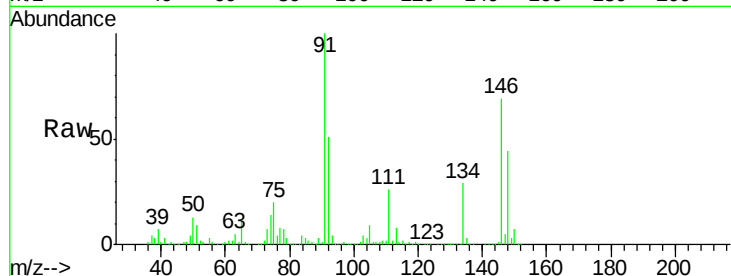




#91
 1,2-Dichlorobenzene
 Concen: 47.96 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

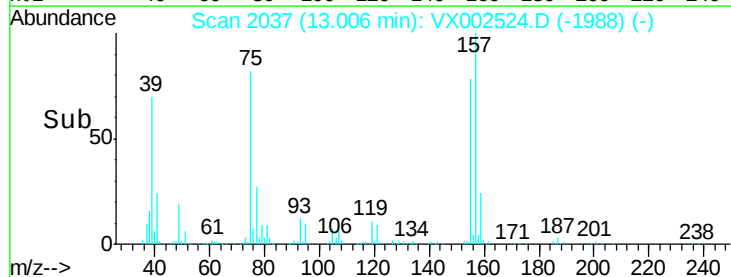
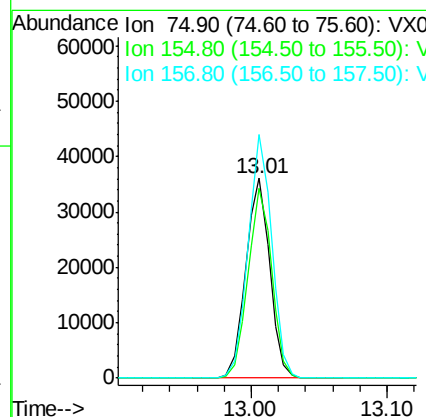
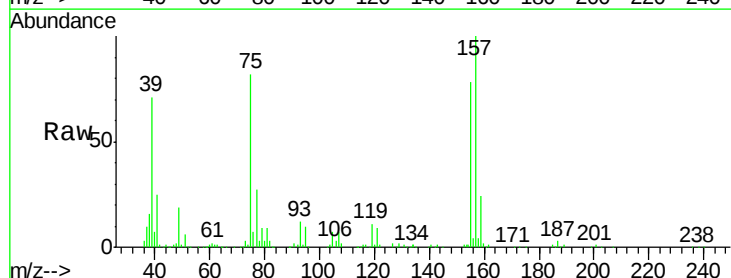
Instrument :
 MSVOA_X
 ClientSampleId :

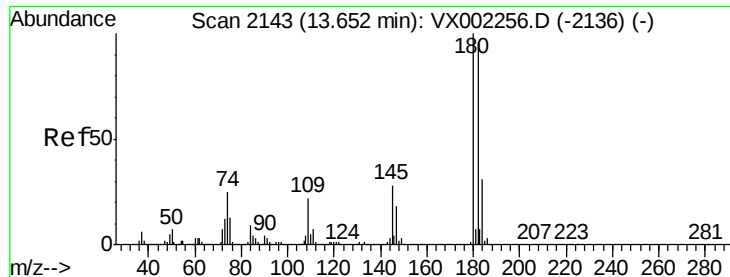
Tot Ion:146 Resp: 328783
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion: 75 Resp: 44295
 Ion Ratio Lower Upper
 75 100
 155 94.1 45.8 137.4
 157 120.5 60.1 180.3

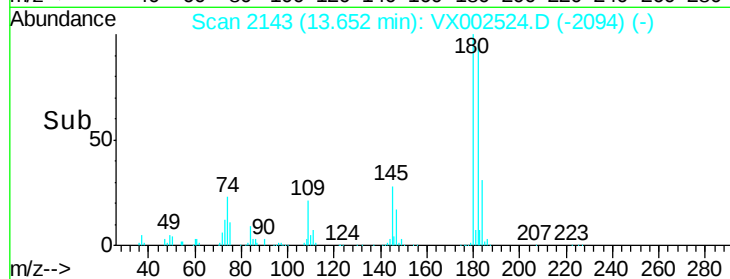
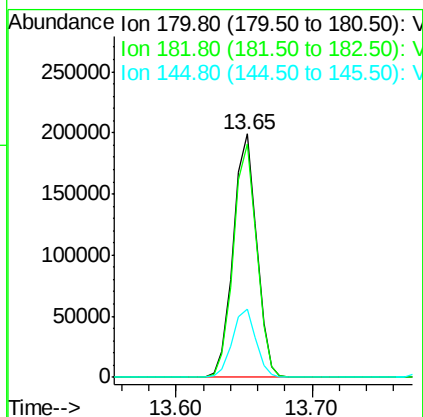
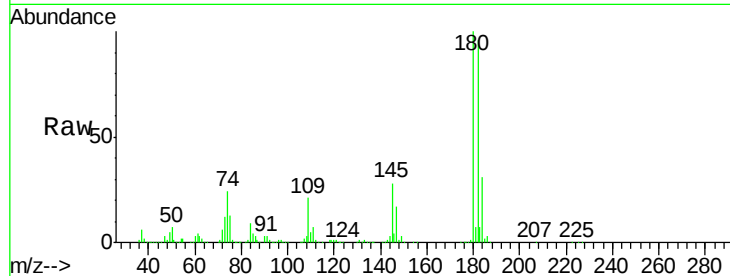




#93
 1,2,4-Trichlorobenzene
 Concen: 49.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

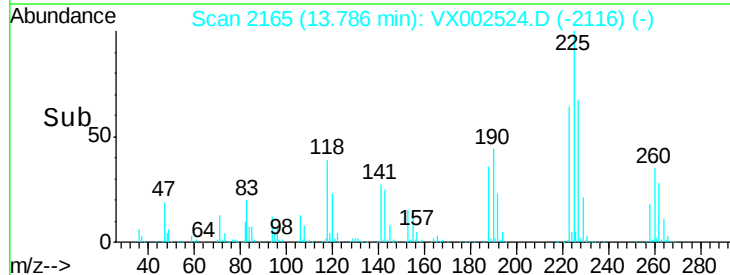
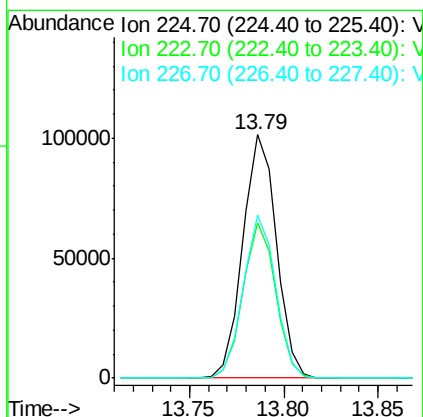
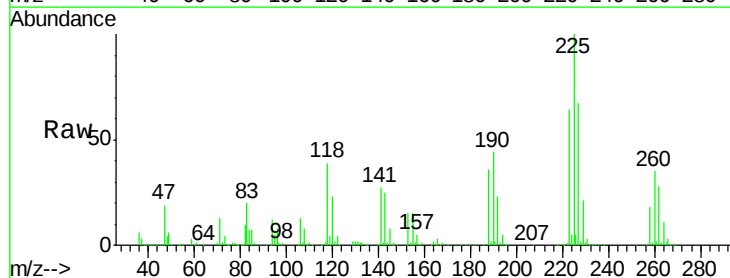
Instrument :
 MSVOA_X
 ClientSampleId :

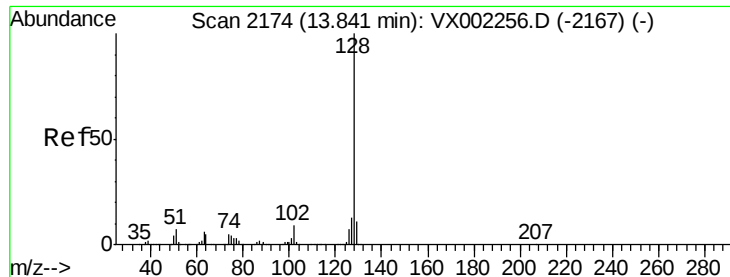
Tot Ion:180 Resp: 238521
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.90 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002524.D
 Acq: 13 Jun 2018 22:41

Tgt Ion:225 Resp: 125649
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 64.7 32.4 97.2





#95

Naphthalene

Concen: 49.56 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

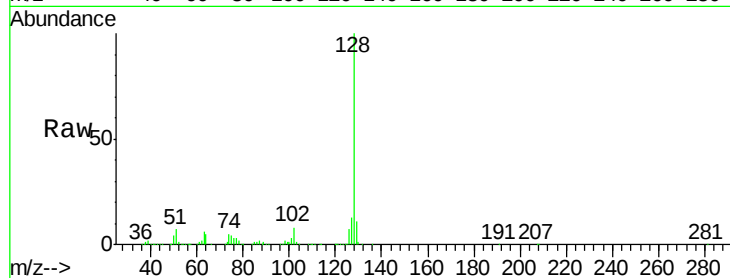
Tot Ion:128 Resp: 684464

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

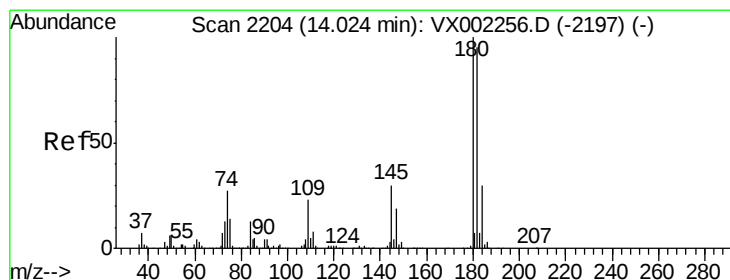
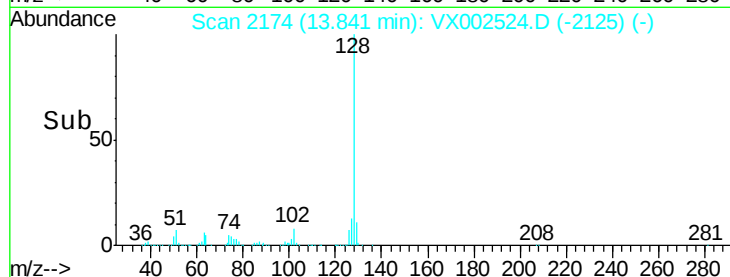
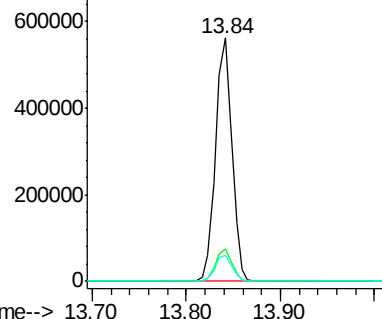
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.25 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002524.D

Acq: 13 Jun 2018 22:41

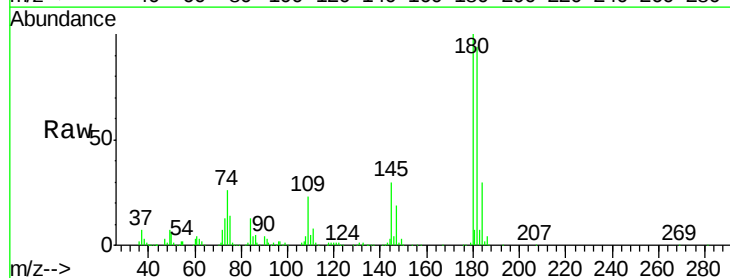
Tgt Ion:180 Resp: 246331

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

