

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002547.D
 Acq On : 14 Jun 2018 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:28:42 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	314216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194586	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
35) Dibromofluoromethane	5.51	113	156621	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	8.72	98	580906	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
62) 4-Bromofluorobenzene	11.14	95	228851	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137336	42.05	ug/l	98
3) Chloromethane	1.32	50	156436	41.30	ug/l	99
4) Vinyl Chloride	1.40	62	167049	40.58	ug/l	99
5) Bromomethane	1.64	94	87665	36.75	ug/l	98
6) Chloroethane	1.72	64	117018	43.94	ug/l	99
7) Trichlorofluoromethane	1.93	101	297067	47.36	ug/l	98
8) Diethyl Ether	2.19	74	110095	49.36	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175308	51.79	ug/l	99
10) Methyl Iodide	2.51	142	186964	39.27	ug/l	100
11) Tert butyl alcohol	3.07	59	206248	221.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147854	44.20	ug/l	98
13) Acrolein	2.29	56	65177	141.87	ug/l	100
14) Allyl chloride	2.73	41	302379	41.65	ug/l	98
15) Acrylonitrile	3.15	53	455335	237.62	ug/l	100
16) Acetone	2.45	43	470064	242.68	ug/l	100
17) Carbon Disulfide	2.57	76	308918	35.04	ug/l	98
18) Methyl Acetate	2.78	43	220952	49.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	587433	50.45	ug/l	99
20) Methylene Chloride	2.85	84	168949	47.41	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	158217	42.89	ug/l	97
22) Diisopropyl ether	3.87	45	585568	48.23	ug/l	97
23) Vinyl Acetate	3.82	43	2460028	209.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	318298	44.36	ug/l	100
25) 2-Butanone	4.71	43	655973	212.92	ug/l	99
26) 2,2-Dichloropropane	4.59	77	251759	44.89	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	180214	44.92	ug/l	93
28) Bromochloromethane	5.02	49	153498	50.33	ug/l	96
29) Tetrahydrofuran	5.16	42	405380	204.08	ug/l	98
30) Chloroform	5.21	83	312648	45.16	ug/l	99
31) Cyclohexane	5.57	56	260423	45.90	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	271597	46.26	ug/l	99
36) 1,1-Dichloropropene	5.80	75	224009	49.40	ug/l	99
37) Ethyl Acetate	4.86	43	253826	46.54	ug/l	100
38) Carbon Tetrachloride	5.79	117	234055	49.33	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274816	49.06	ug/l	98
40) Benzene	6.15	78	661514	47.57	ug/l	99
41) Methacrylonitrile	5.06	41	145072	46.47	ug/l	98
42) 1,2-Dichloroethane	6.20	62	257160	46.55	ug/l	99
43) Isopropyl Acetate	6.47	43	430411	46.46	ug/l	99
44) Trichloroethene	7.21	130	198228	51.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	180817	48.17	ug/l	98
46) Dibromomethane	7.66	93	117636	46.23	ug/l	97
47) Bromodichloromethane	7.90	83	220211	47.85	ug/l	98
48) Methyl methacrylate	7.78	41	215857	46.39	ug/l	98
49) 1,4-Dioxane	7.76	88	78584	903.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1357681	235.35	ug/l	99
52) Toluene	8.79	92	426603	48.24	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	271370	49.17	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	253694	48.72	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	178958	49.20	ug/l	98
56) Ethyl methacrylate	9.18	69	282387	48.63	ug/l	98
57) 1,3-Dichloropropane	9.38	76	292043	47.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	660794	245.85	ug/l	98
59) 2-Hexanone	9.50	43	1054796	236.72	ug/l	98
60) Dibromochloromethane	9.59	129	181013	49.48	ug/l	99
61) 1,2-Dibromoethane	9.68	107	183101	48.28	ug/l	99
64) Tetrachloroethene	9.34	164	216958	51.69	ug/l	99
65) Chlorobenzene	10.14	112	500551	49.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	184299	50.26	ug/l	99
67) Ethyl Benzene	10.26	91	866447	51.13	ug/l	99
68) m/p-Xylenes	10.37	106	666415	101.16	ug/l	99
69) o-Xylene	10.70	106	326522	49.81	ug/l	100
70) Styrene	10.71	104	550826	51.40	ug/l	100
71) Bromoform	10.86	173	138463	42.71	ug/l #	100
73) Isopropylbenzene	11.02	105	903050	49.64	ug/l	99
74) N-amyl acetate	6.47	43	430411	43.91	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	257211	44.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	309370	53.92	ug/l	80
77) Bromobenzene	11.26	156	245647	48.10	ug/l	98
78) n-propylbenzene	11.37	91	1049392	51.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	609520	47.74	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	769354	49.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	74346	45.42	ug/l	97
82) 4-Chlorotoluene	11.52	91	728634	49.44	ug/l	99
83) tert-Butylbenzene	11.77	119	756364	49.78	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	795459	49.53	ug/l	100
85) sec-Butylbenzene	11.95	105	943408	52.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	862361	53.15	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	456505	49.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	462376	49.12	ug/l	99
89) n-Butylbenzene	12.39	91	777602	57.15	ug/l	100
90) Hexachloroethane	12.60	117	123245	47.59	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	455905	48.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58651	46.88	ug/l	99

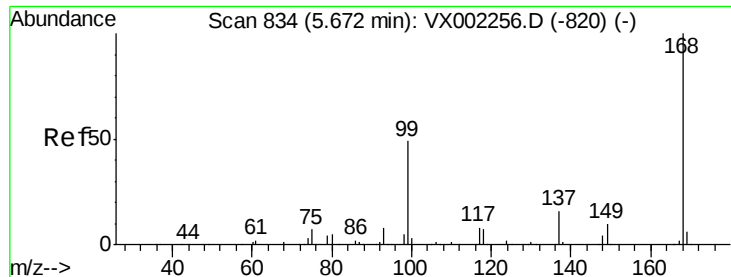
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	355429	53.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	186115	56.85	ug/l	99
95) Naphthalene	13.84	128	946345	49.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	352060	52.11	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

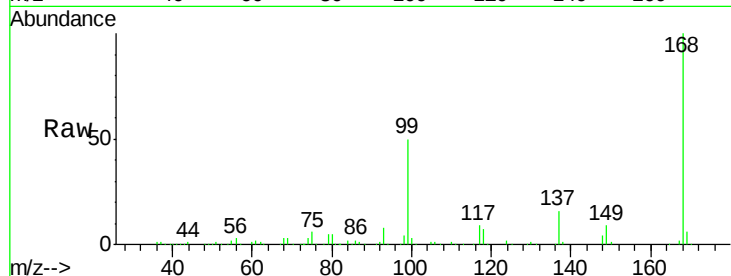
ClientSampled :

Tot Ion:168 Resp: 314216

Ion Ratio Lower Upper

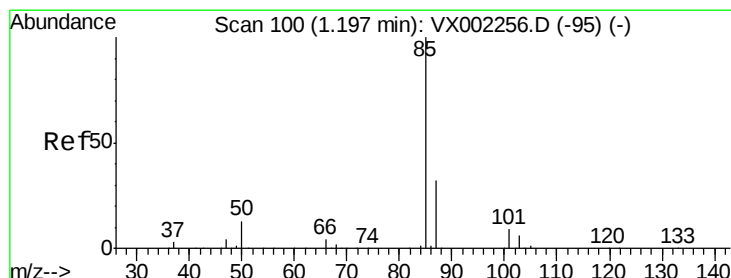
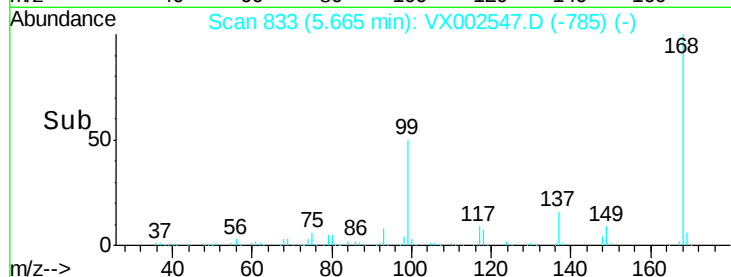
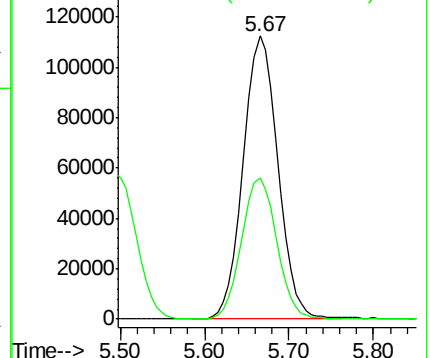
168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002547.D

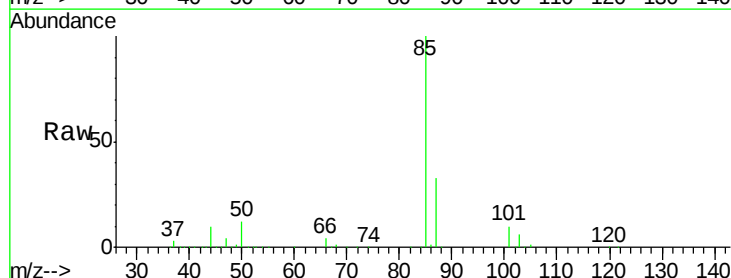
Acq: 14 Jun 2018 10:04

Tgt Ion: 85 Resp: 137336

Ion Ratio Lower Upper

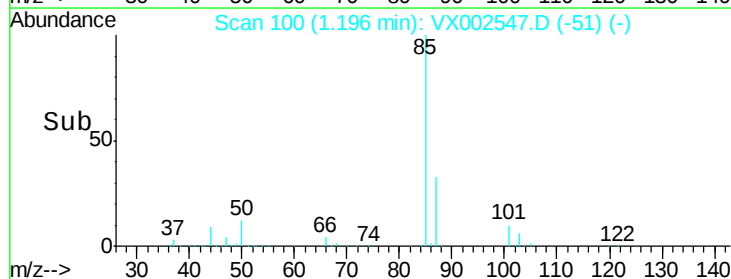
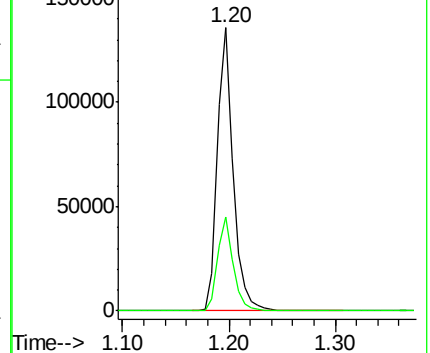
85 100

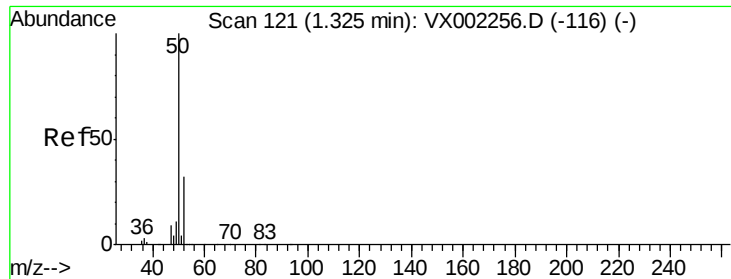
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

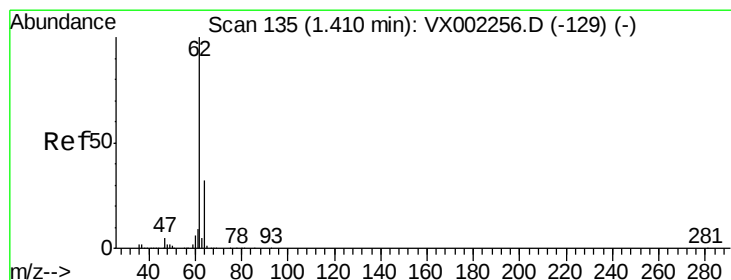
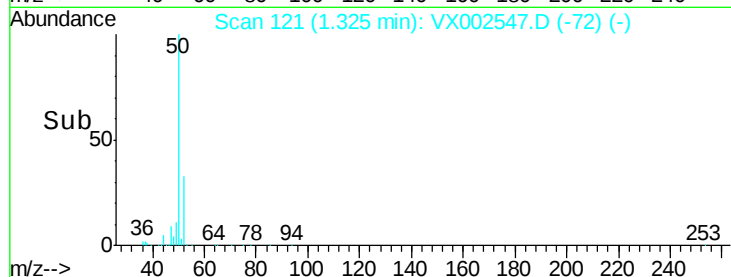
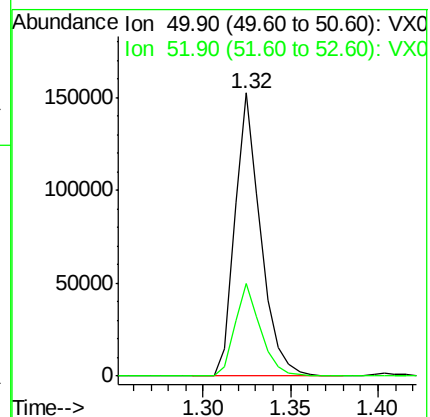
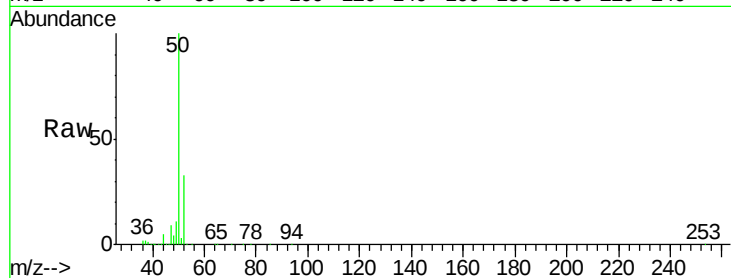
ClientSampleId :

Tot Ion: 50 Resp: 156436

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 40.58 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002547.D

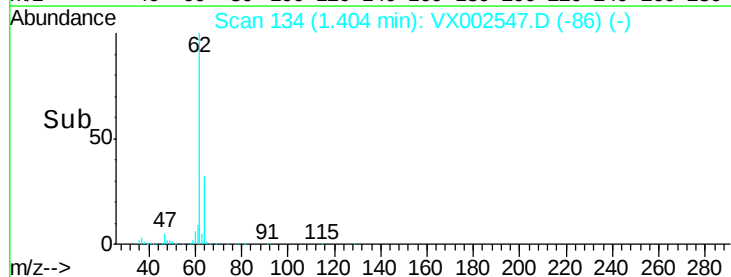
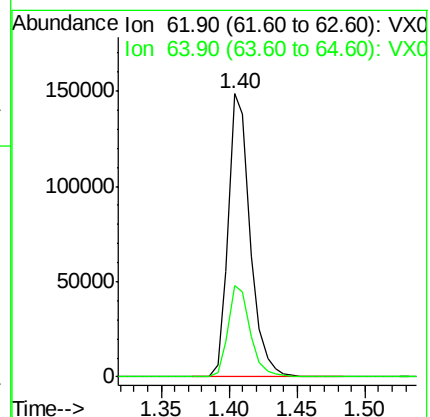
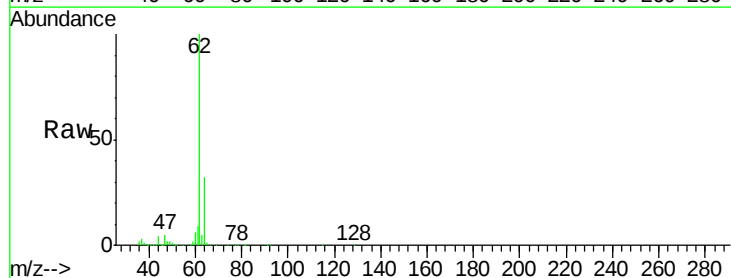
Acq: 14 Jun 2018 10:04

Tgt Ion: 62 Resp: 167049

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 36.75 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

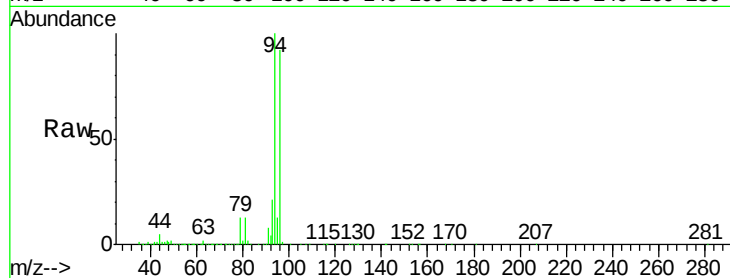
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 87665

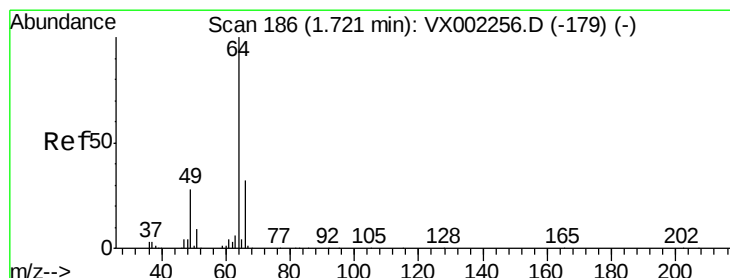
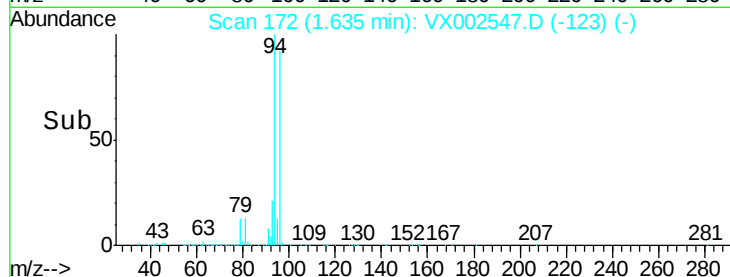
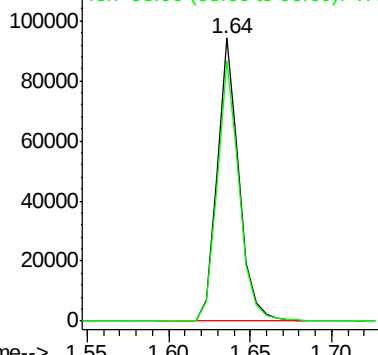
Ion Ratio Lower Upper

94 100

96 91.9 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: 43.94 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002547.D

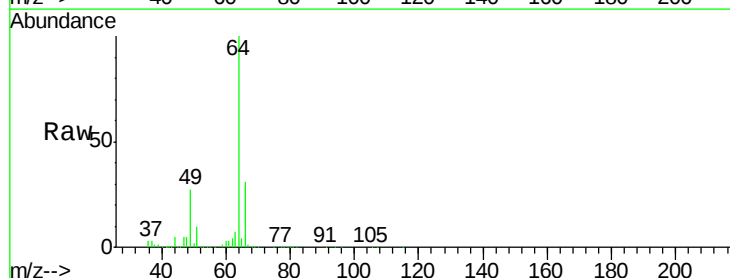
Acq: 14 Jun 2018 10:04

Tgt Ion: 64 Resp: 117018

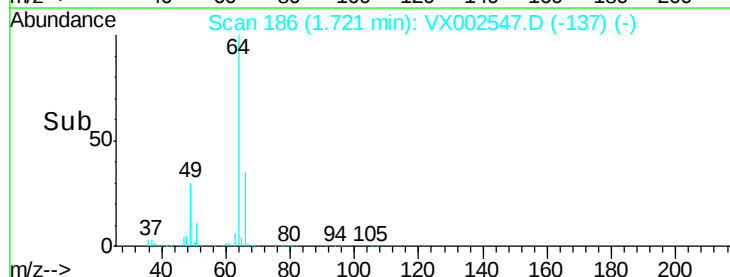
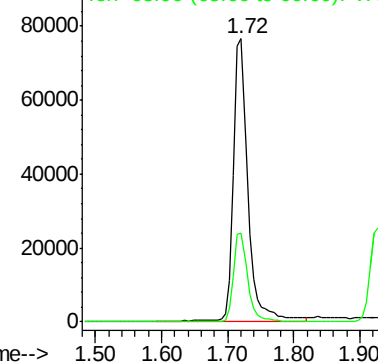
Ion Ratio Lower Upper

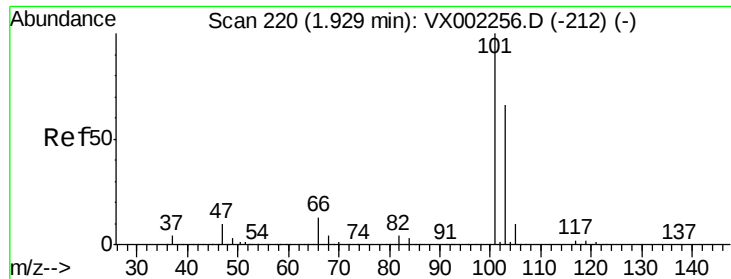
64 100

66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



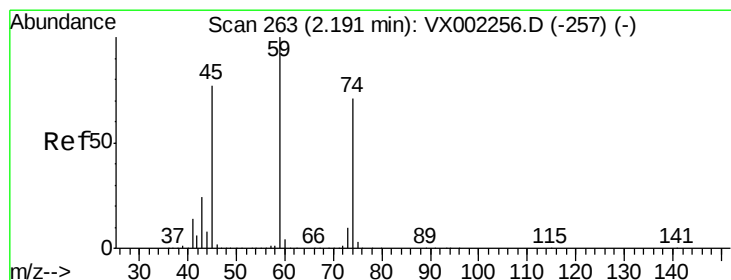
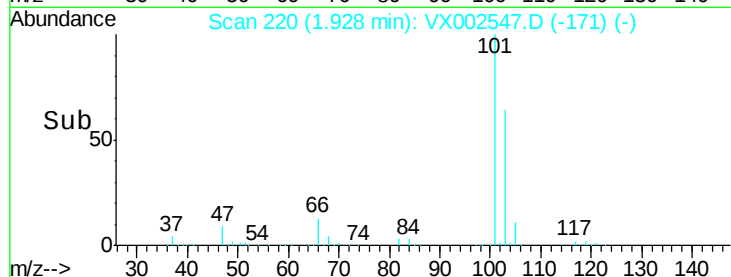
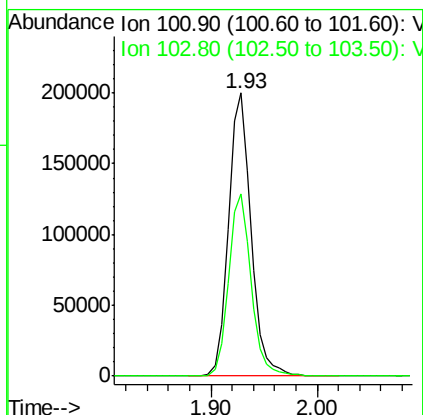
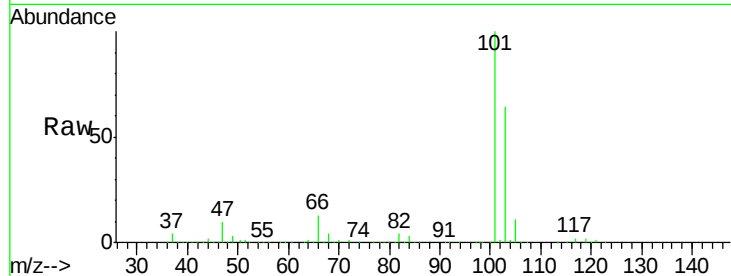


#7

Trichlorofluoromethane
 Concen: 47.36 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Instrument :
 MSVOA_X
 ClientSampleId :

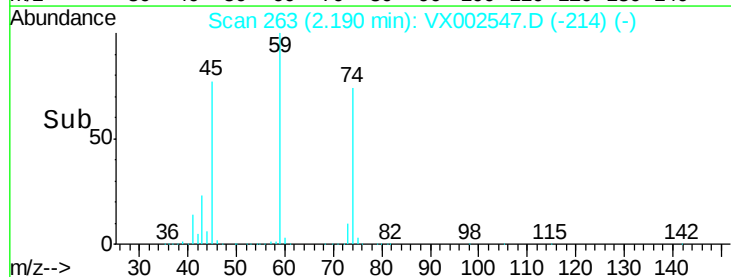
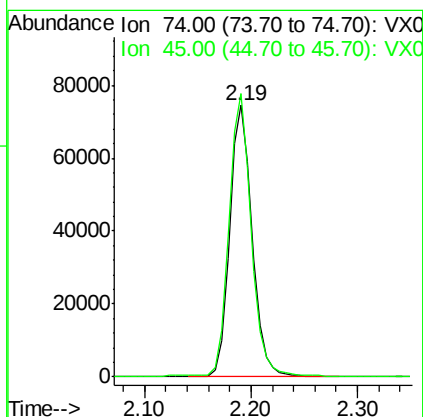
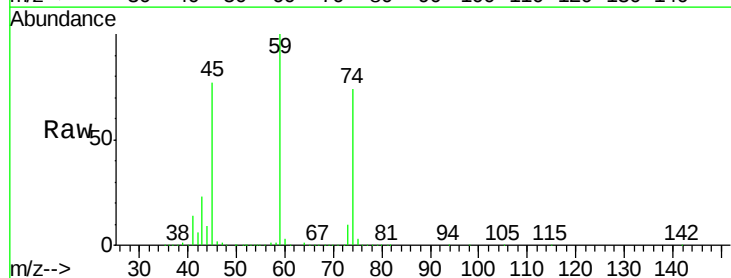
Tot Ion:101 Resp: 297067
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

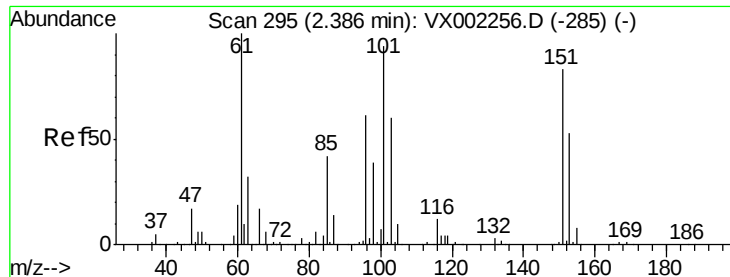


#8

Diethyl Ether
 Concen: 49.36 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion: 74 Resp: 110095
 Ion Ratio Lower Upper
 74 100
 45 102.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.79 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :
MSVOA_X
ClientSampled :

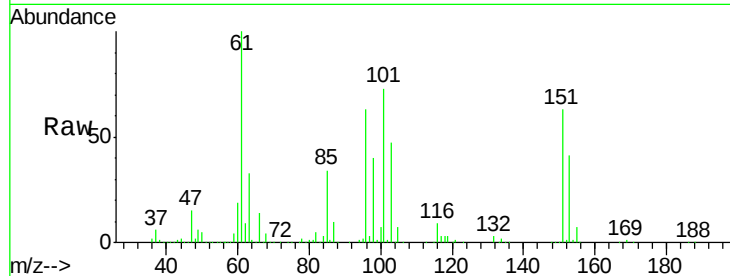
Tot Ion:101 Resp: 175308

Ion Ratio Lower Upper

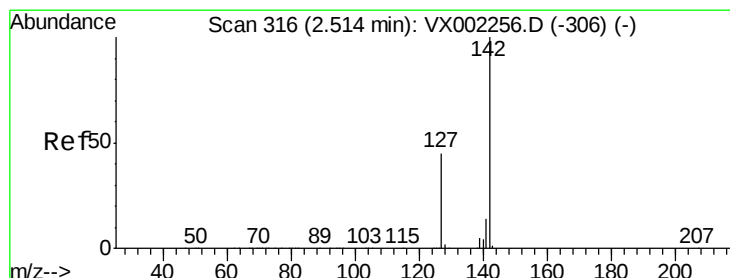
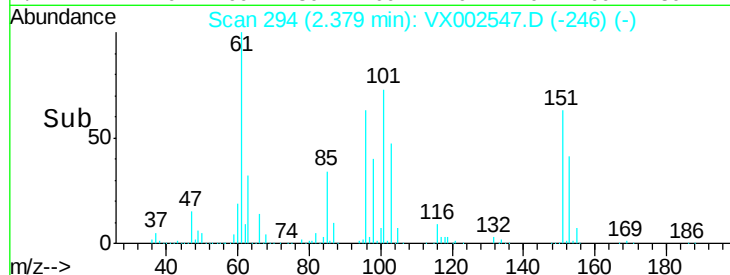
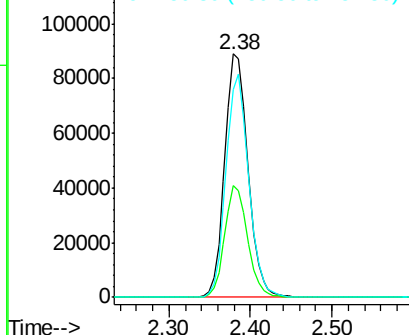
101 100

85 45.1 36.0 54.0

151 89.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.27 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

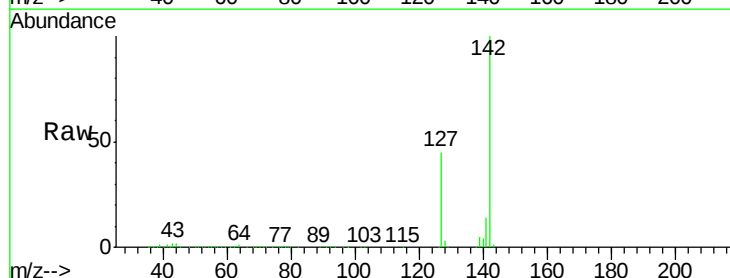
Tgt Ion:142 Resp: 186964

Ion Ratio Lower Upper

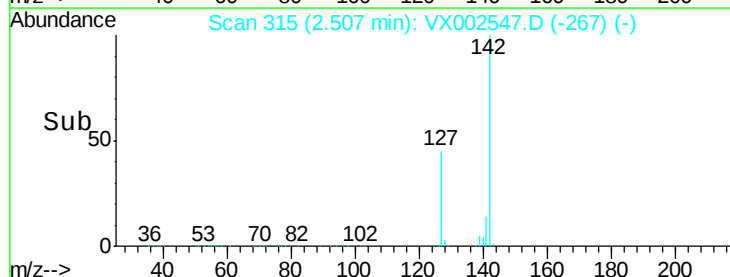
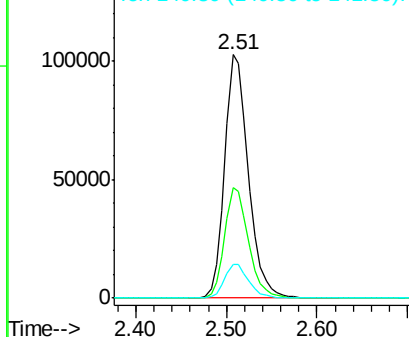
142 100

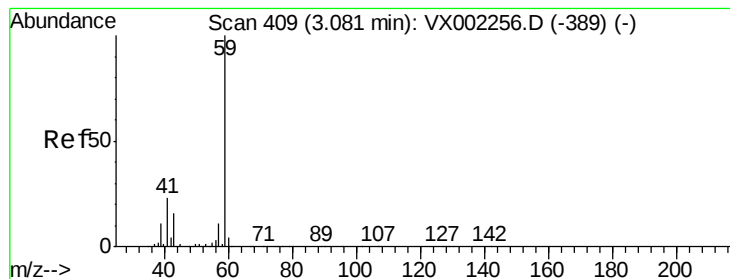
127 45.9 36.6 55.0

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



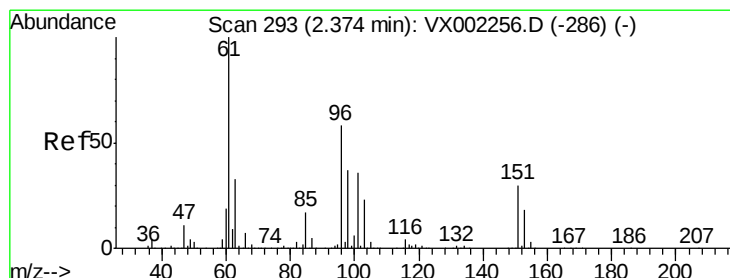
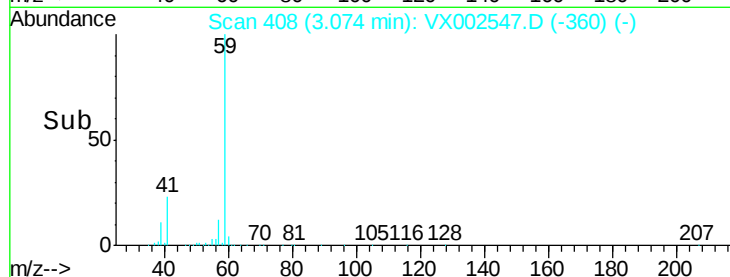
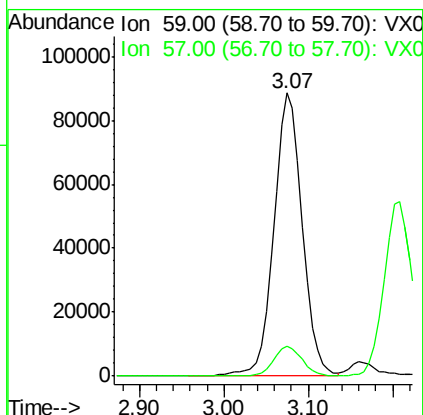
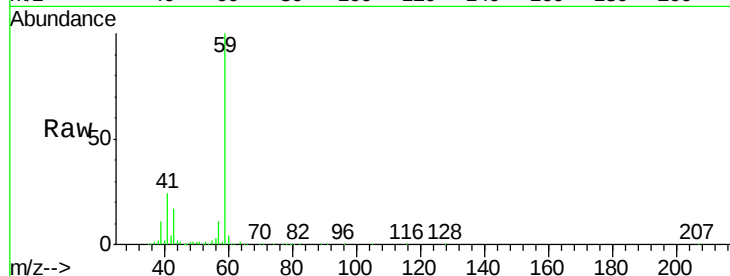


#11

Tert butyl alcohol
Concen: 221.73 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Instrument :
MSVOA_X
ClientSampled :

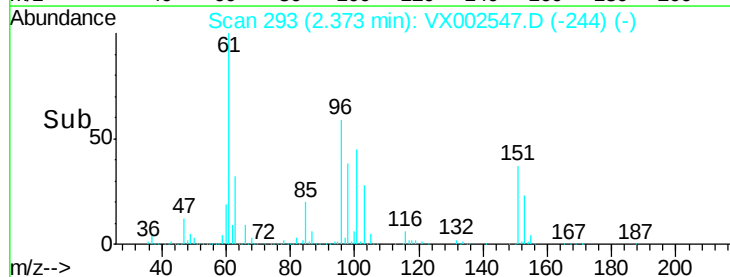
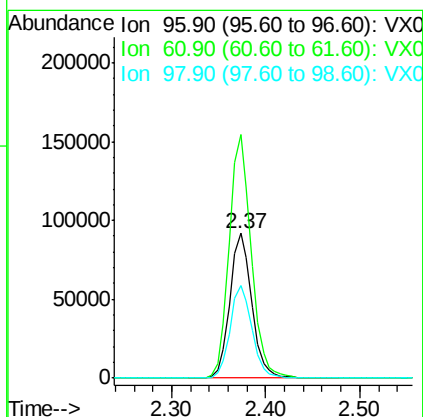
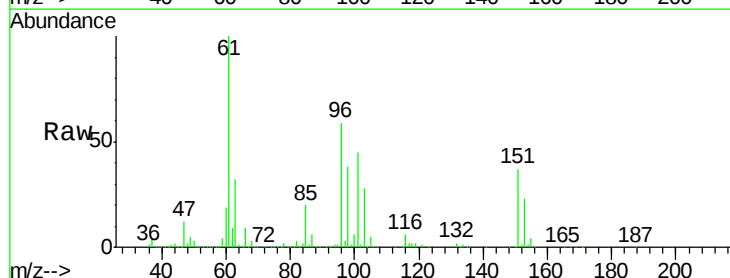
Tot Ion: 59 Resp: 206248
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

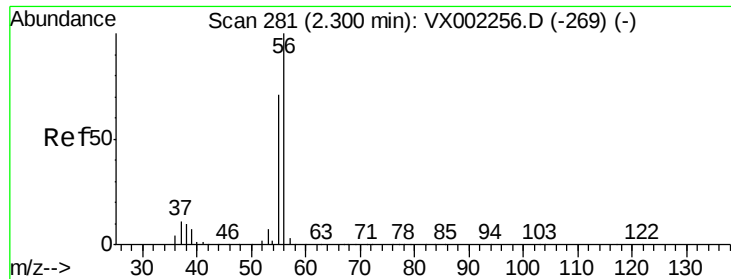


#12

1,1-Dichloroethene
Concen: 44.20 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 96 Resp: 147854
Ion Ratio Lower Upper
96 100
61 168.2 137.9 206.9
98 64.3 51.6 77.4

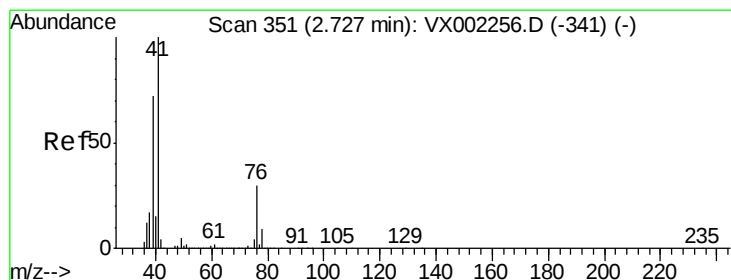
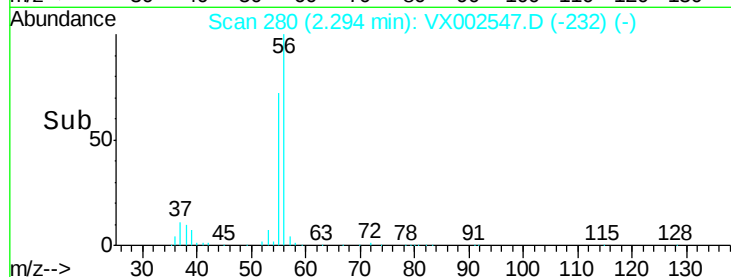
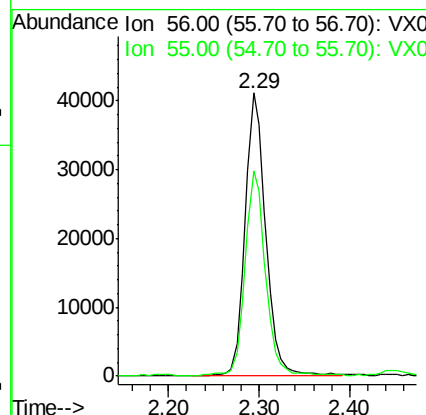
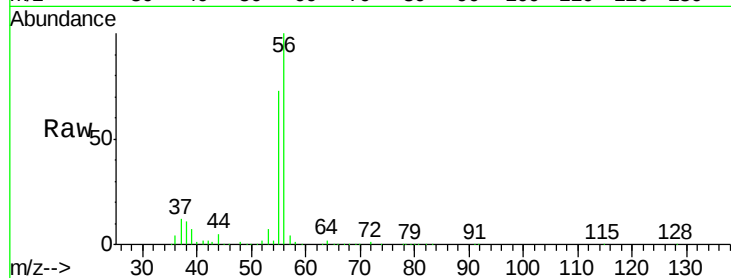




#13
Acrolein
Concen: 141.87 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

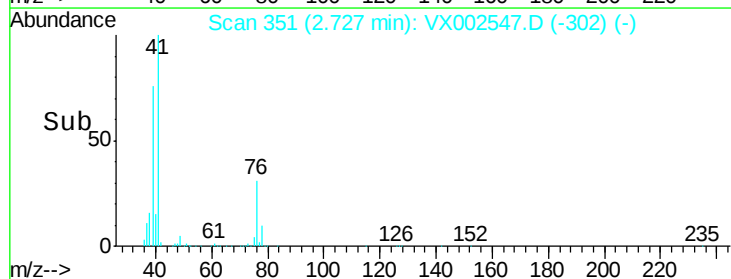
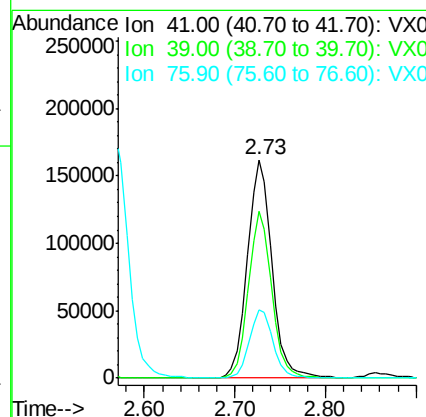
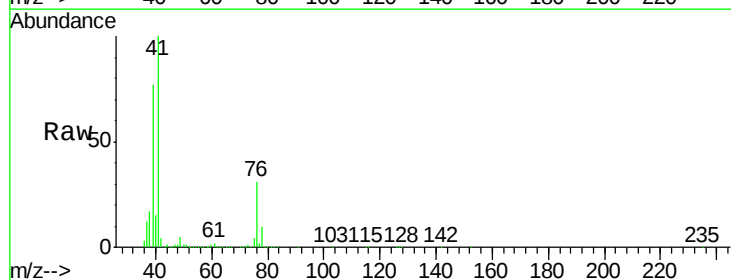
Instrument :
MSVOA_X
ClientSampled :

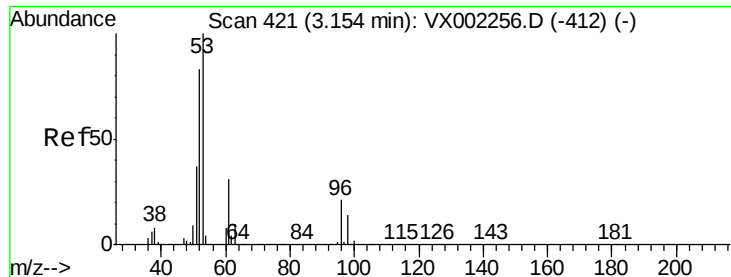
Tot Ion: 56 Resp: 65177
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 41.65 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 41 Resp: 302379
Ion Ratio Lower Upper
41 100
39 72.4 56.8 85.2
76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 237.62 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampled :

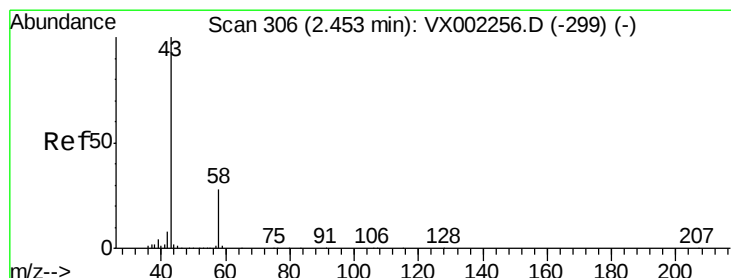
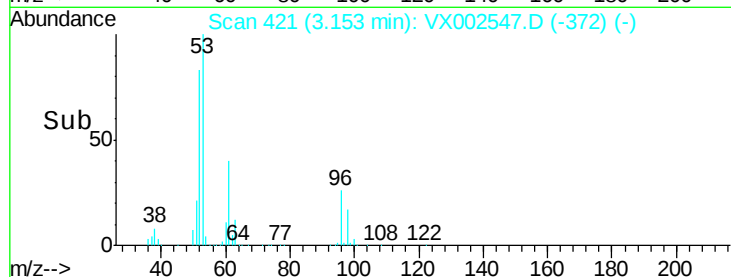
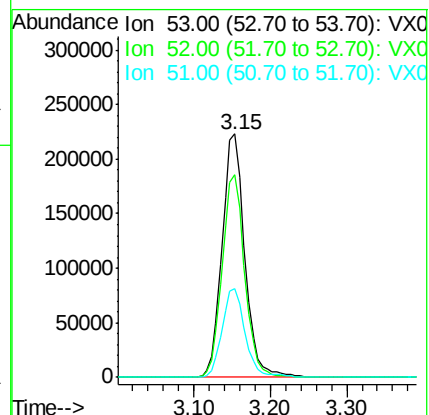
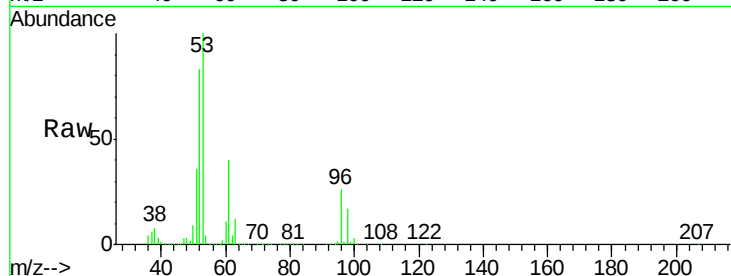
Tot Ion: 53 Resp: 455335

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 242.68 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002547.D

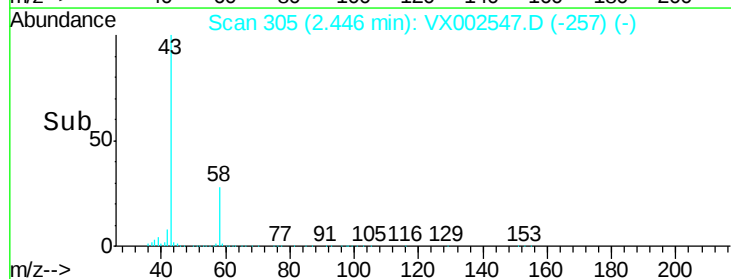
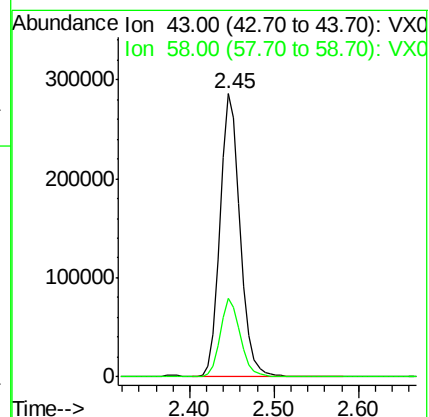
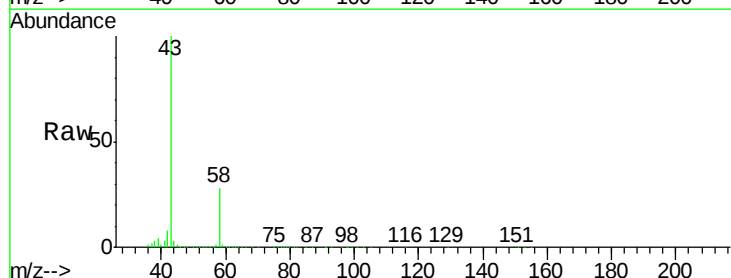
Acq: 14 Jun 2018 10:04

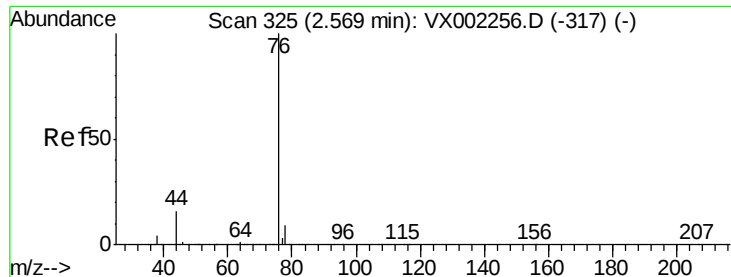
Tgt Ion: 43 Resp: 470064

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1

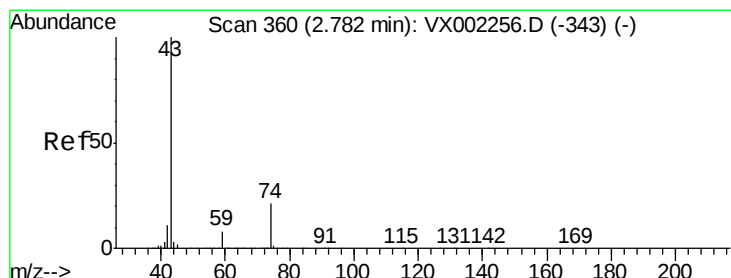
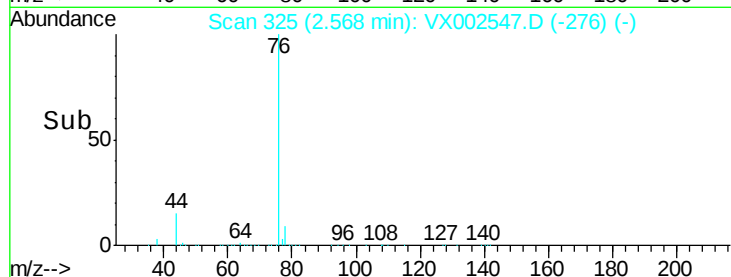
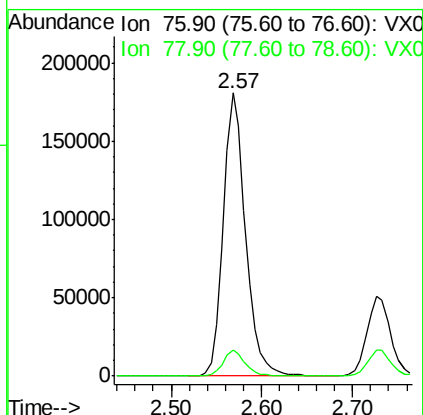
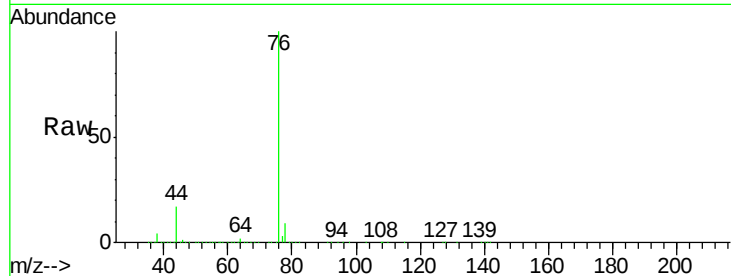




#17
Carbon Disulfide
Concen: 35.04 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

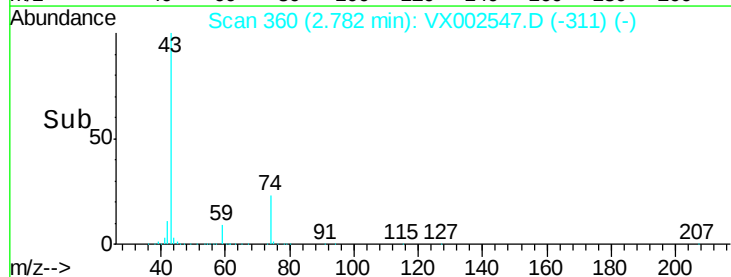
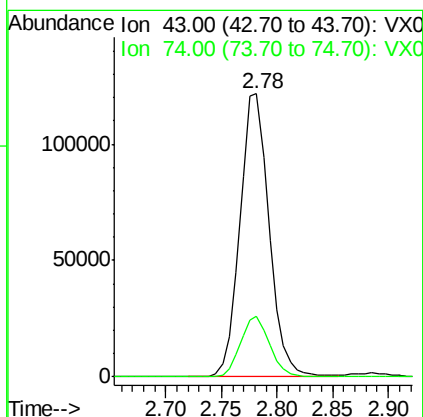
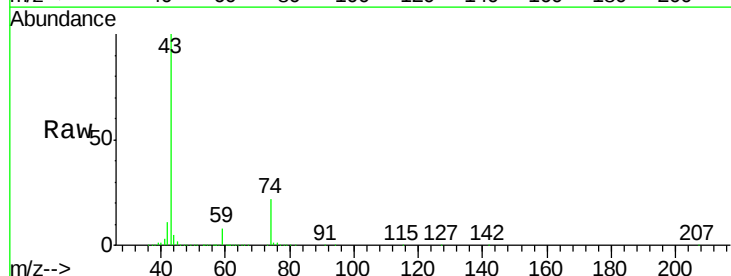
Instrument :
MSVOA_X
ClientSampled :

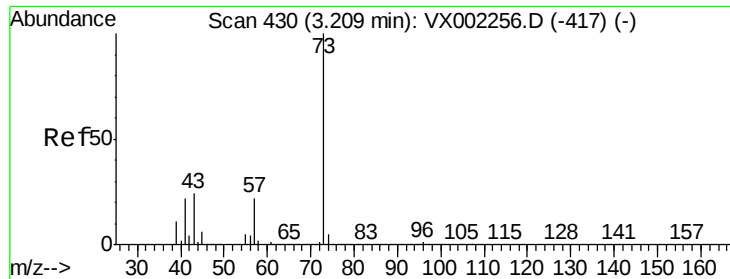
Tot Ion: 76 Resp: 308918
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 49.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 43 Resp: 220952
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

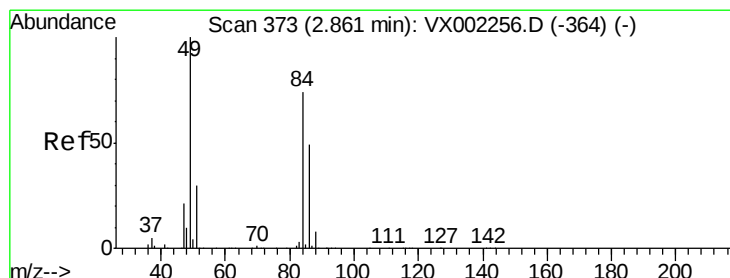
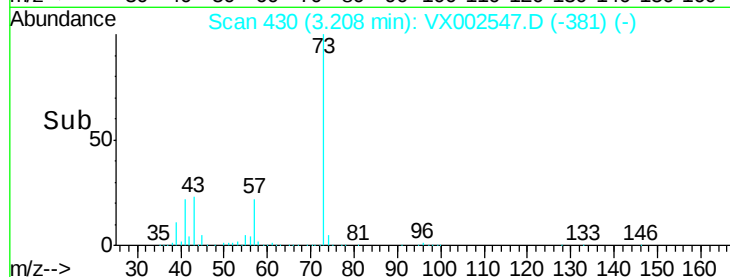
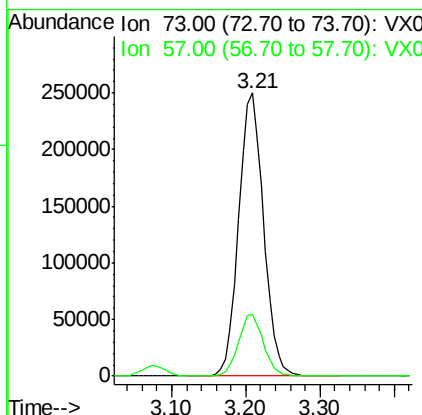
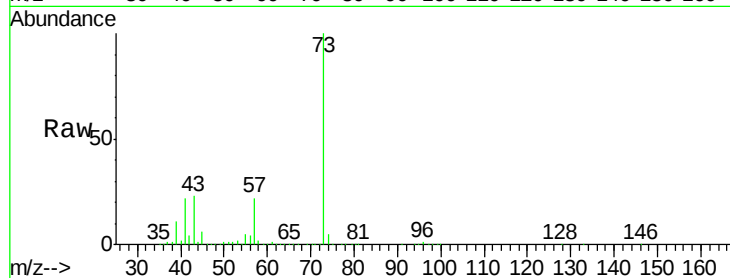




#19
Methyl tert-butyl Ether
Concen: 50.45 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

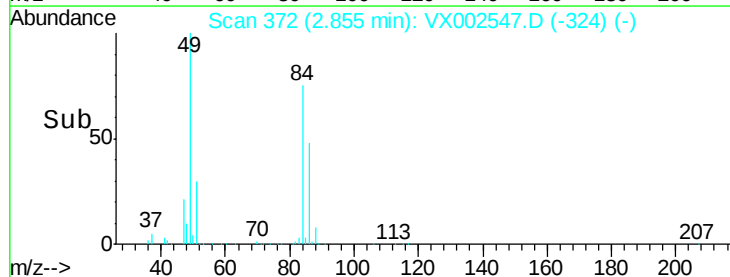
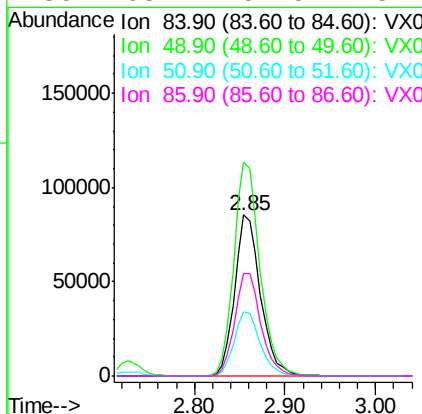
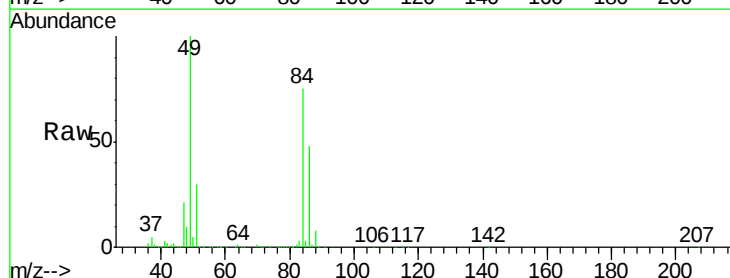
Instrument :
MSVOA_X
ClientSampled :

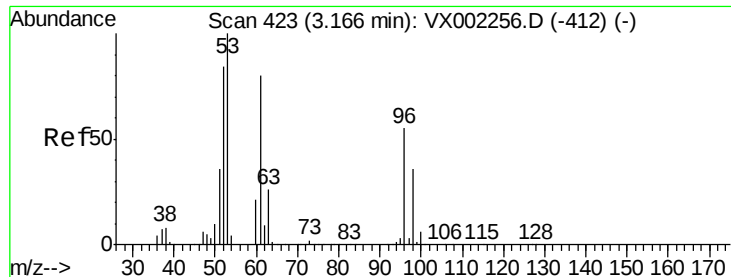
Tot Ion: 73 Resp: 587433
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 47.41 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 84 Resp: 168949
Ion Ratio Lower Upper
84 100
49 132.4 107.8 161.6
51 39.9 32.8 49.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampled :

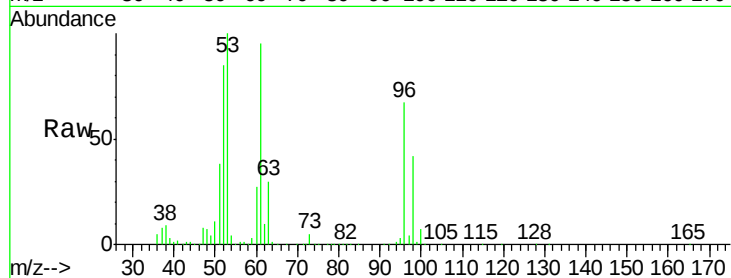
Tot Ion: 96 Resp: 158217

Ion Ratio Lower Upper

96 100

61 142.7 117.0 175.4

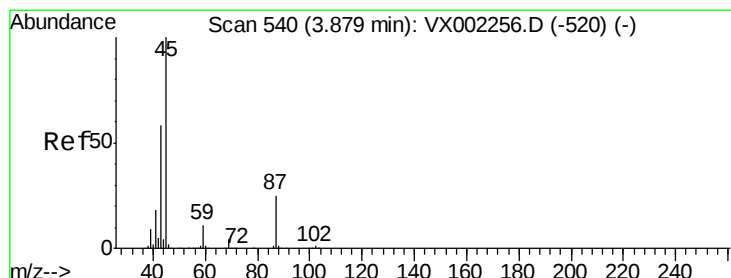
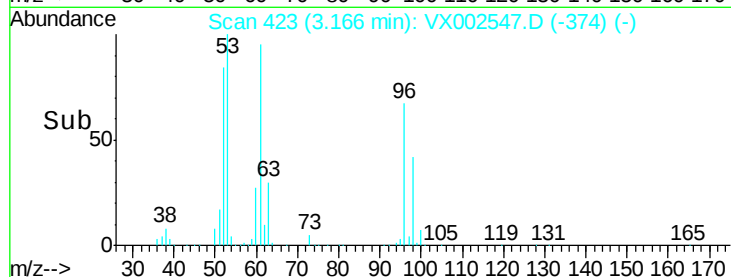
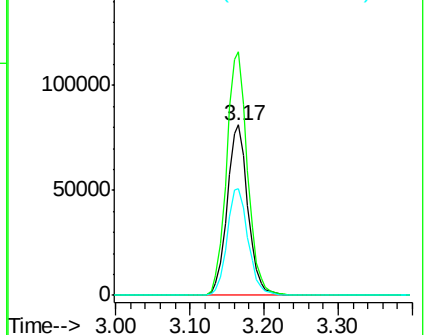
98 62.8 52.4 78.6



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: 48.23 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Tgt Ion: 45 Resp: 585568

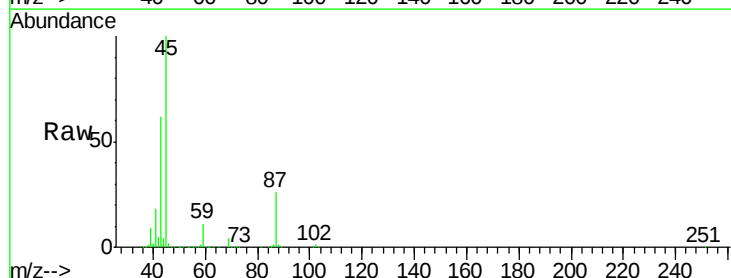
Ion Ratio Lower Upper

45 100

43 61.5 46.8 70.2

87 26.0 20.2 30.4

59 11.1 8.7 13.1

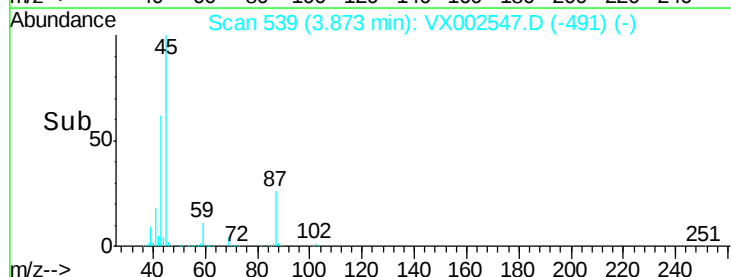
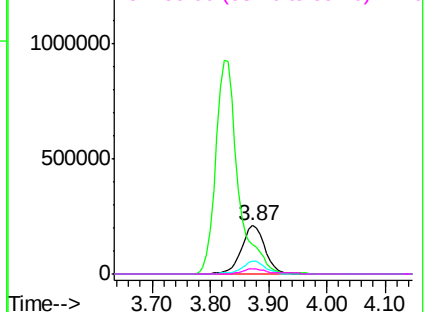


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 209.04 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

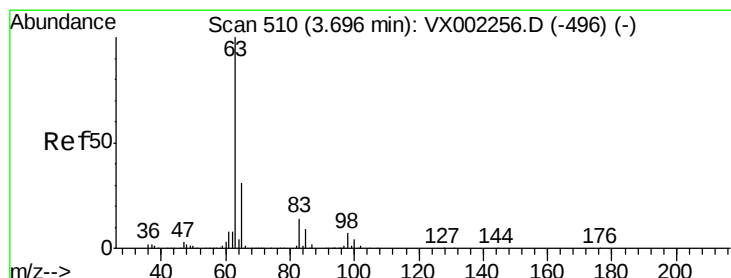
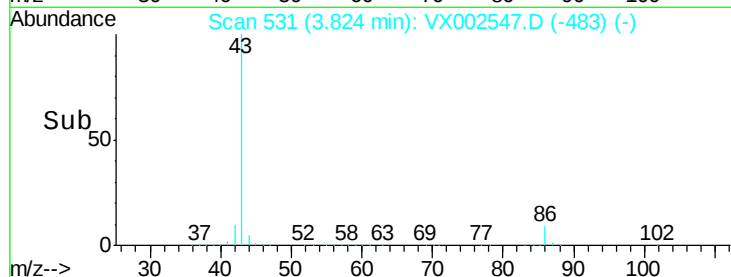
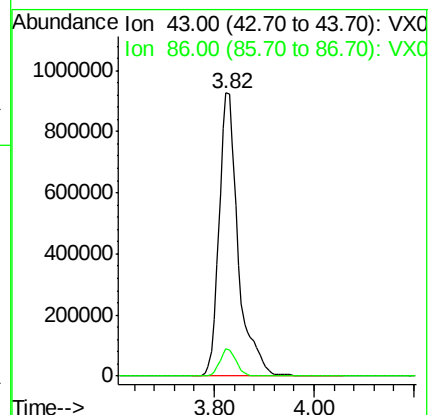
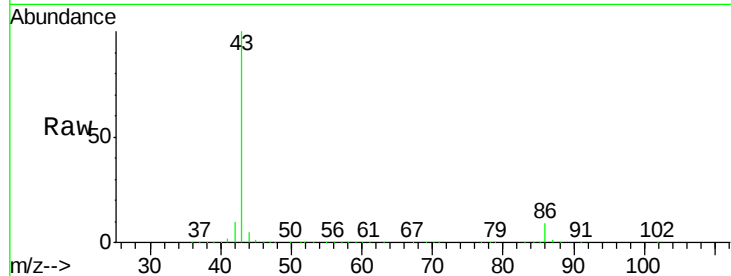
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2460028

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 44.36 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

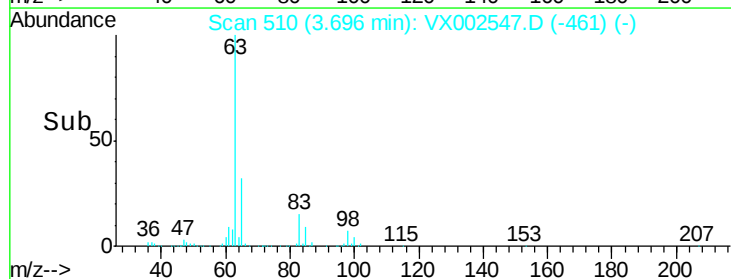
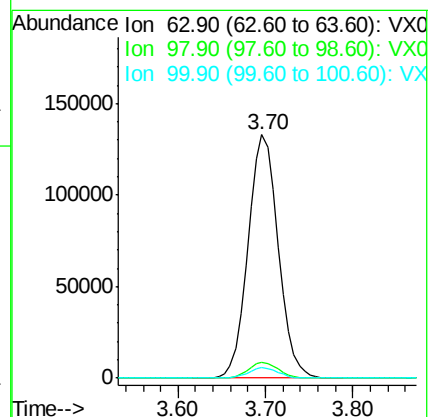
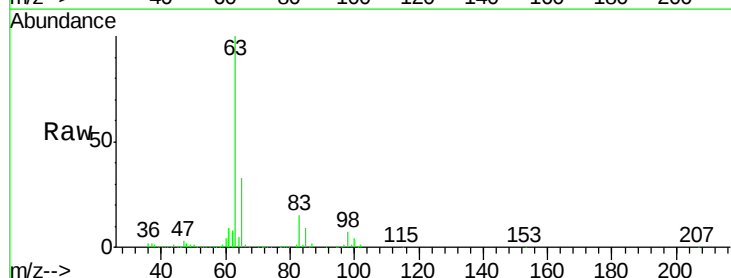
Tgt Ion: 63 Resp: 318298

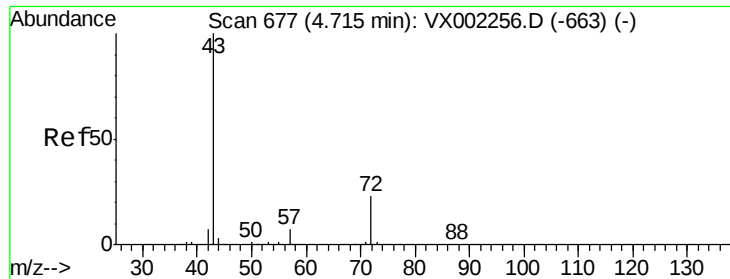
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 212.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

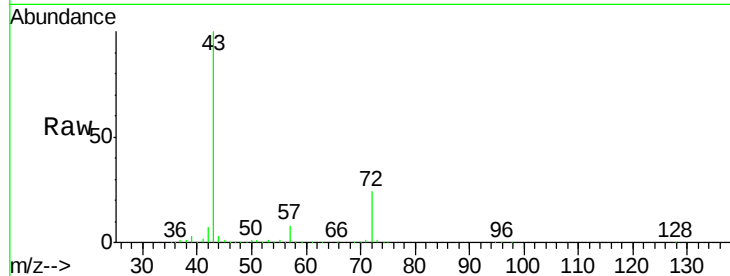
ClientSampleId :

Tot Ion: 43 Resp: 655973

Ion Ratio Lower Upper

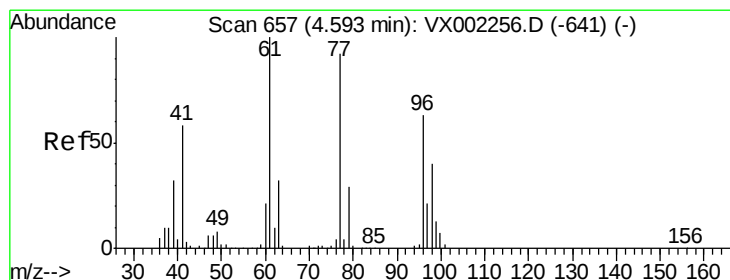
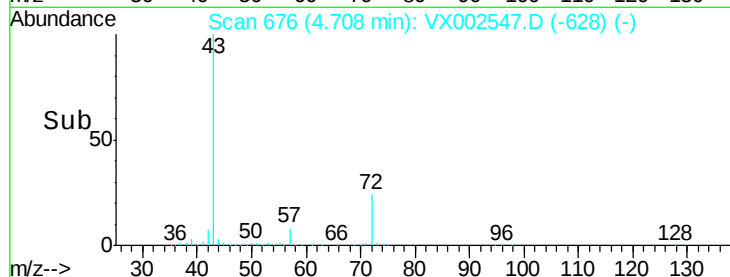
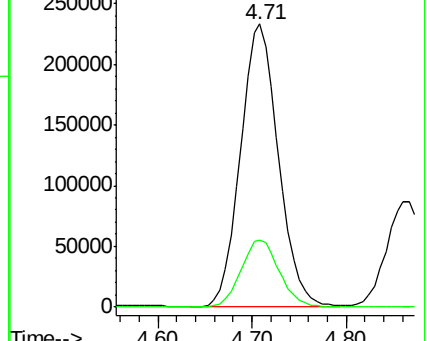
43 100

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: 44.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002547.D

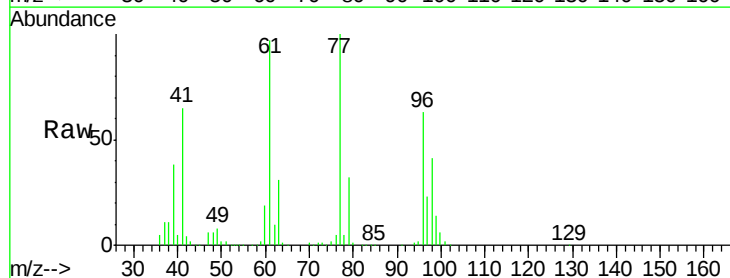
Acq: 14 Jun 2018 10:04

Tgt Ion: 77 Resp: 251759

Ion Ratio Lower Upper

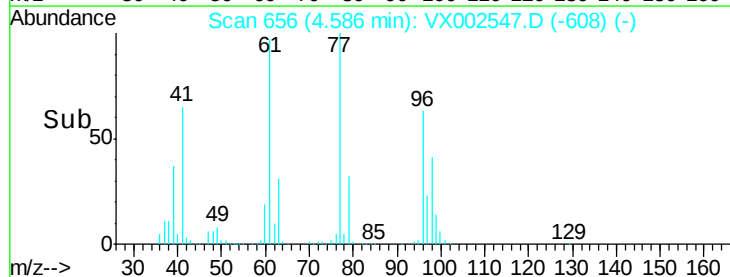
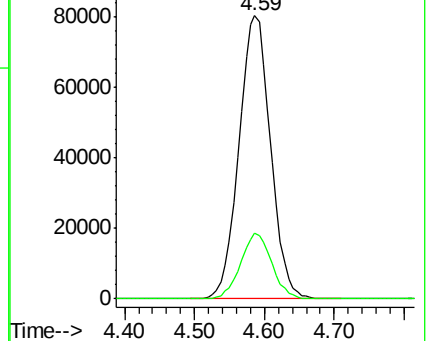
77 100

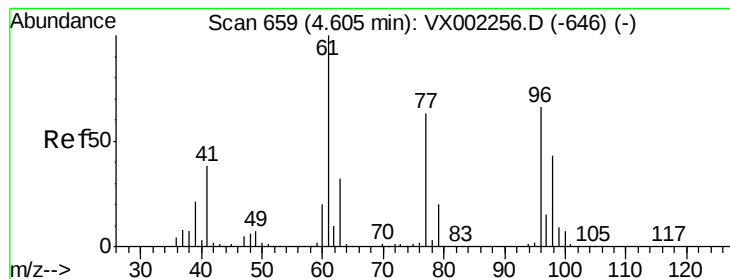
97 23.0 11.2 33.5



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: 44.92 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :
MSVOA_X
ClientSampleId :

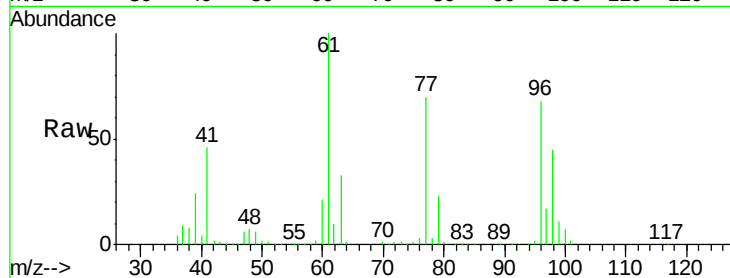
Tot Ion: 96 Resp: 180214

Ion Ratio Lower Upper

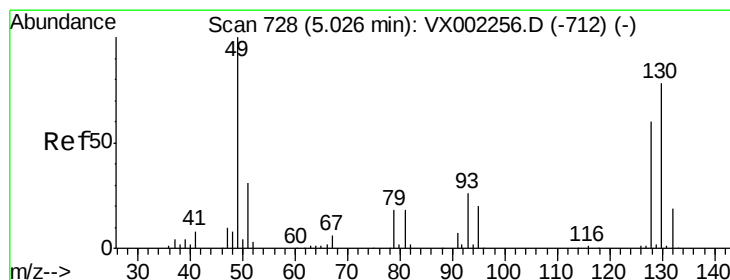
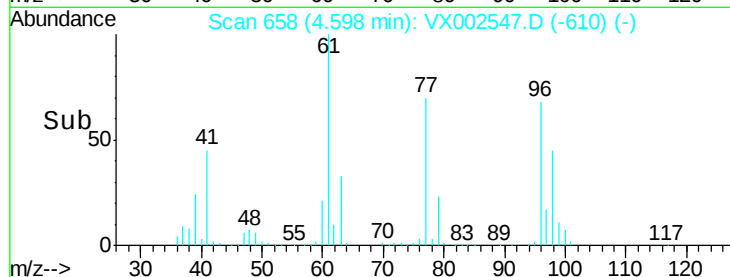
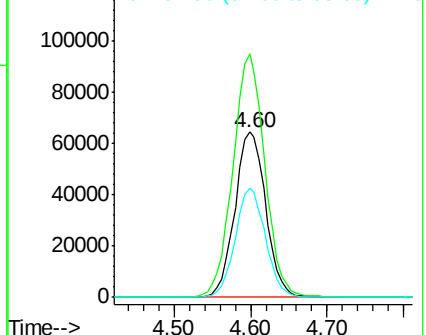
96 100

61 152.7 0.0 330.2

98 65.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 50.33 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

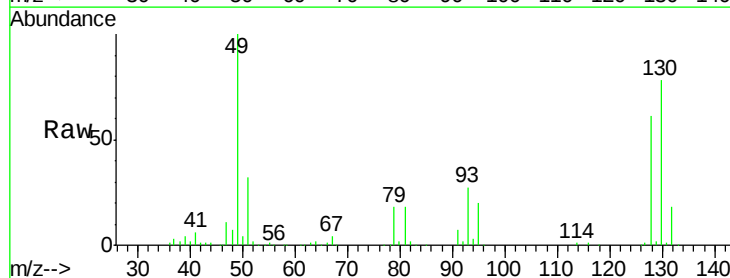
Tgt Ion: 49 Resp: 153498

Ion Ratio Lower Upper

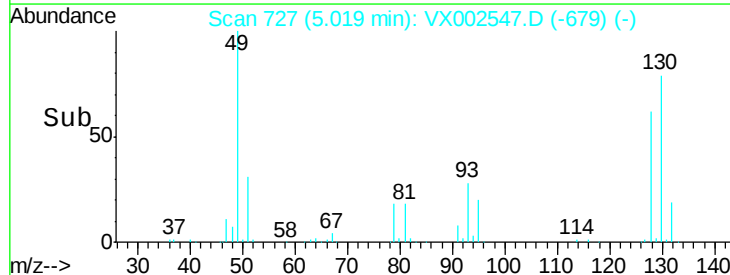
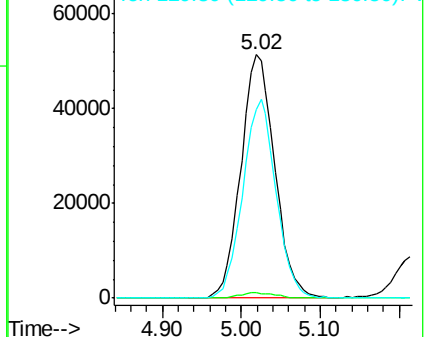
49 100

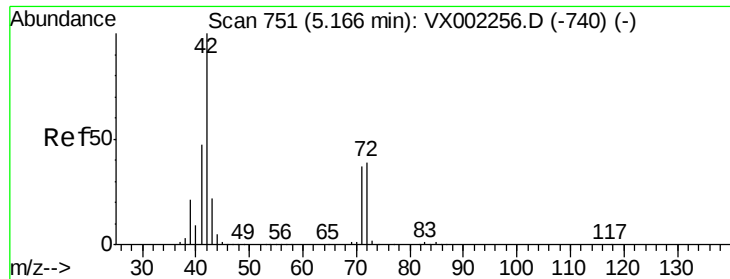
129 2.3 0.0 4.2

130 79.9 61.2 91.8



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

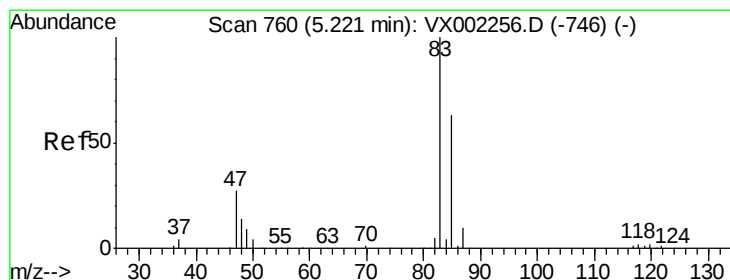
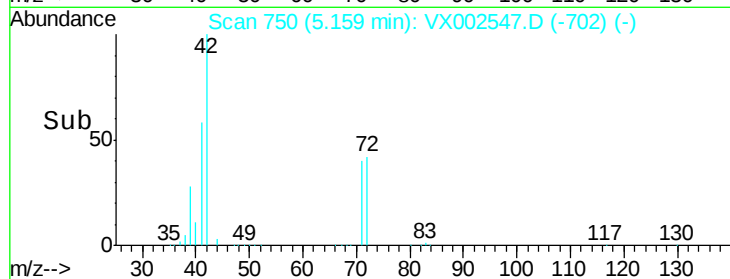
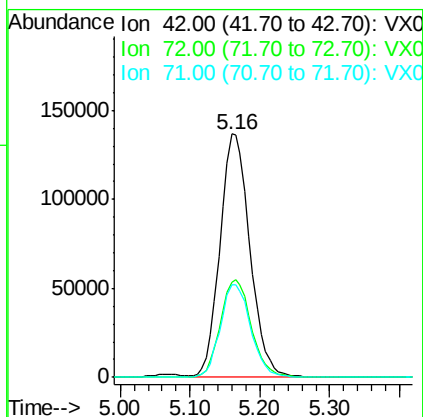
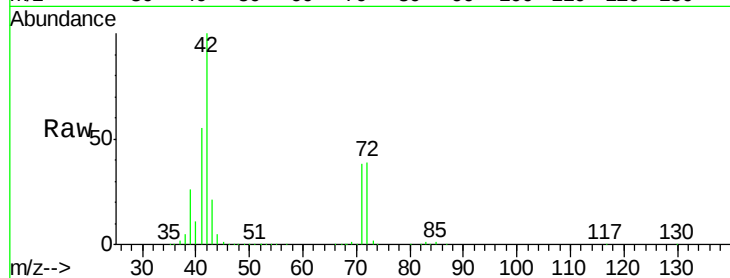




#29
Tetrahydrofuran
Concen: 204.08 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

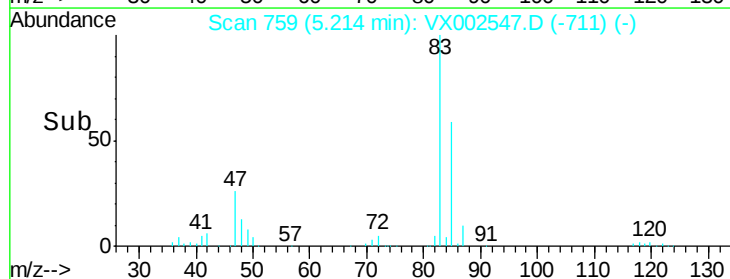
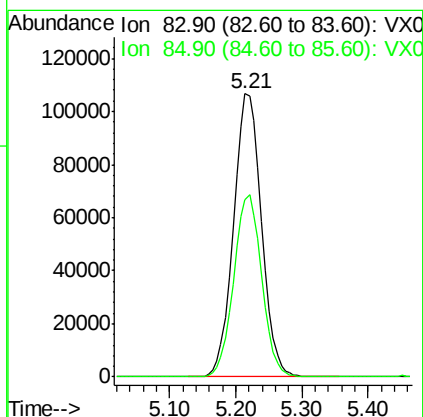
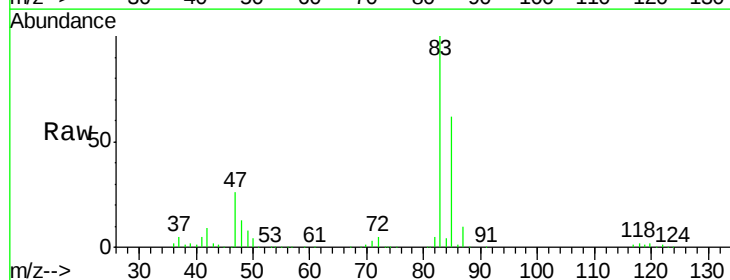
Instrument :
MSVOA_X
ClientSampleId :

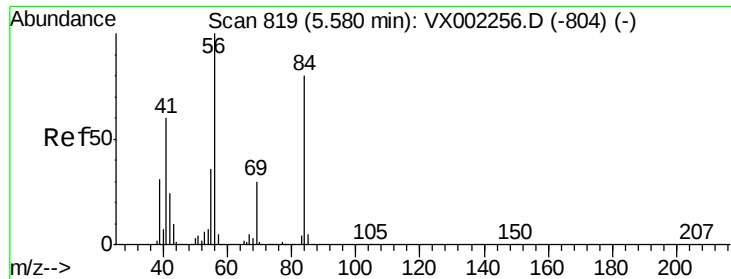
Tot Ion: 42 Resp: 405380
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 38.9 30.1 45.1



#30
Chloroform
Concen: 45.16 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 83 Resp: 312648
Ion Ratio Lower Upper
83 100
85 62.4 50.4 75.6





#31

Cyclohexane

Concen: 45.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampleId :

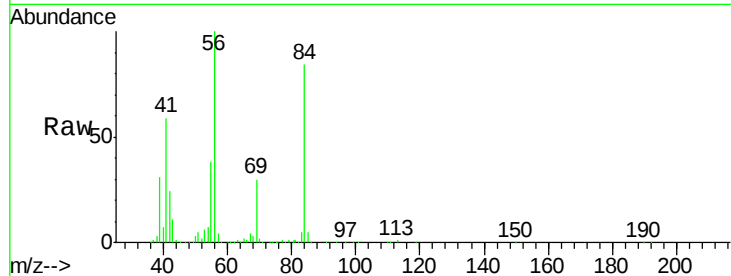
Tot Ion: 56 Resp: 260423

Ion Ratio Lower Upper

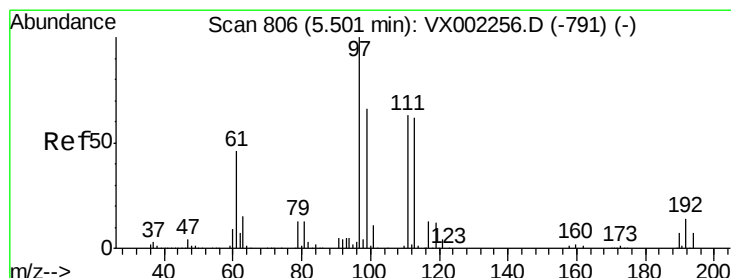
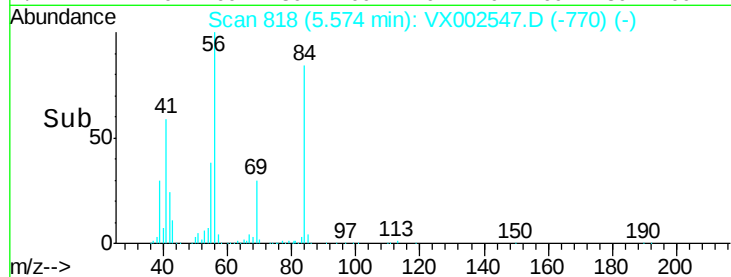
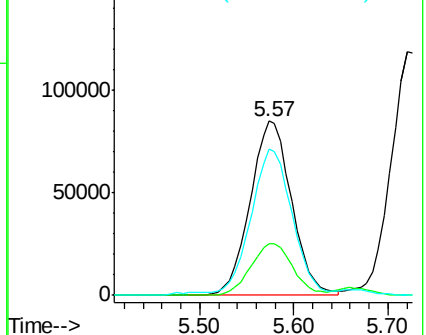
56 100

69 29.9 23.7 35.5

84 82.2 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: 46.26 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

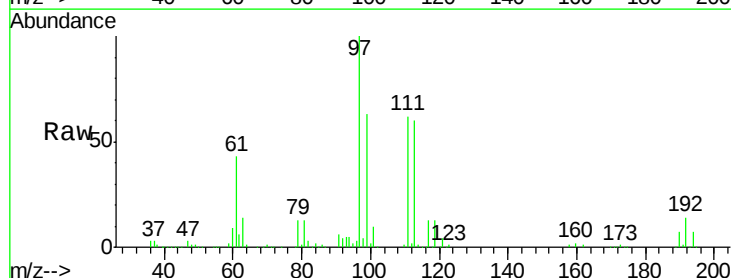
Tgt Ion: 97 Resp: 271597

Ion Ratio Lower Upper

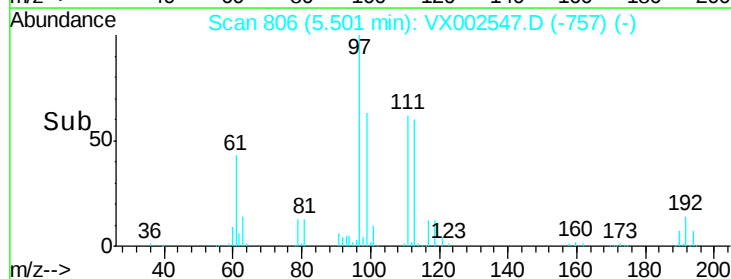
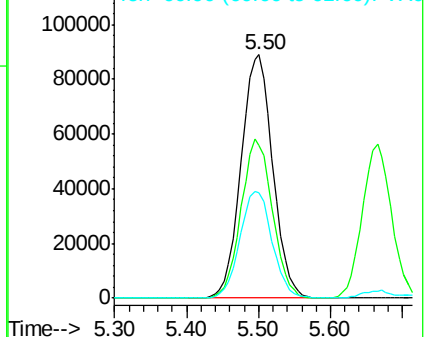
97 100

99 64.8 51.6 77.4

61 44.7 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

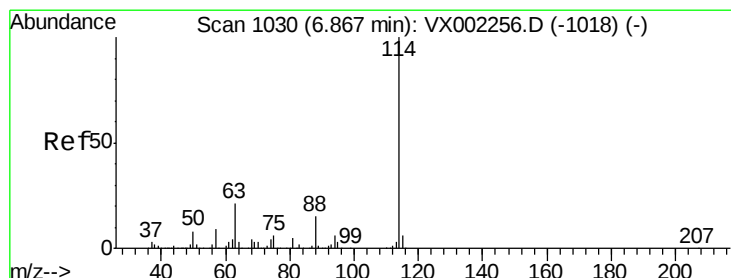
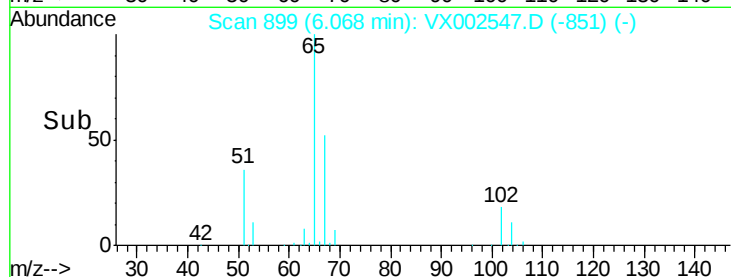
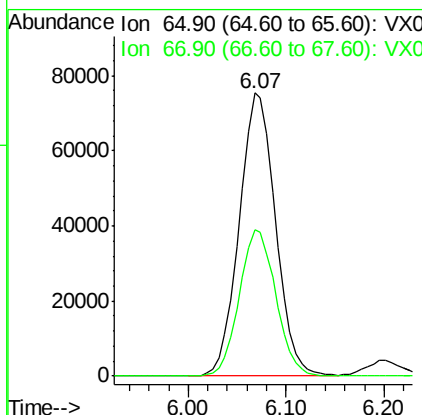
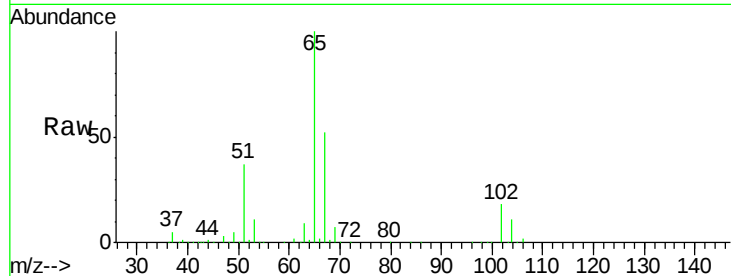




#33
 1,2-Dichloroethane-d4
 Concen: 42.81 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

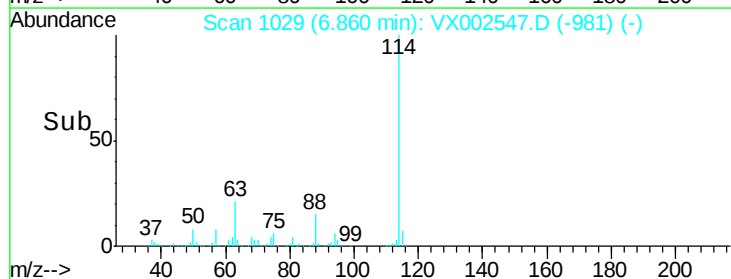
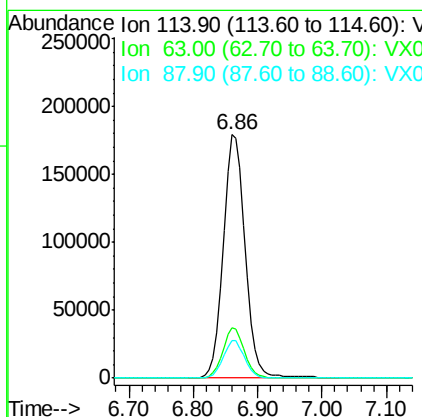
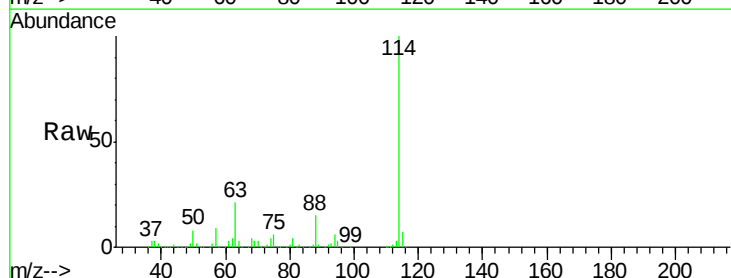
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 194586
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion: 114 Resp: 431375
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.3 0.0 30.0

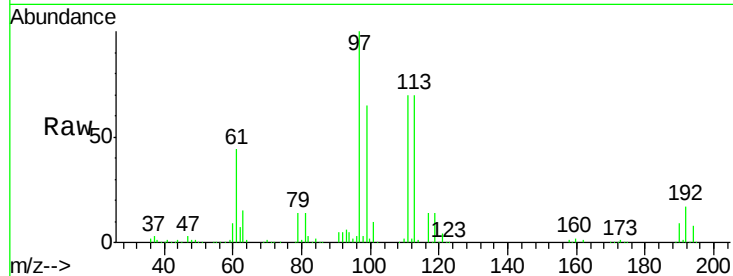




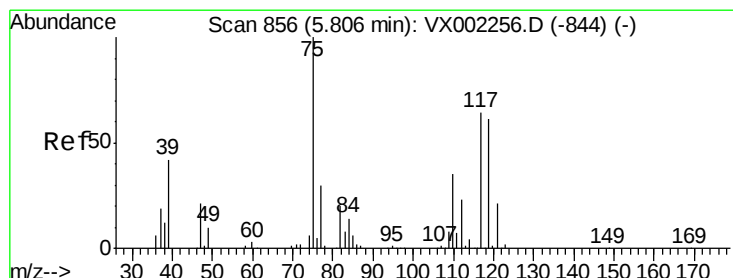
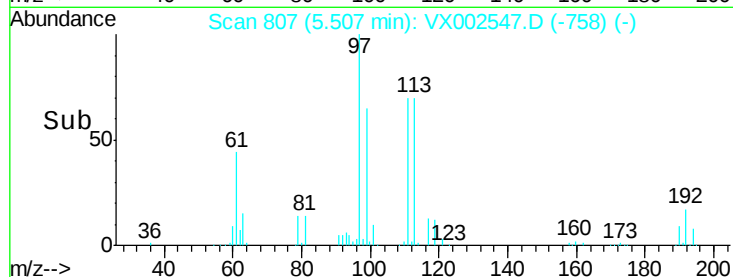
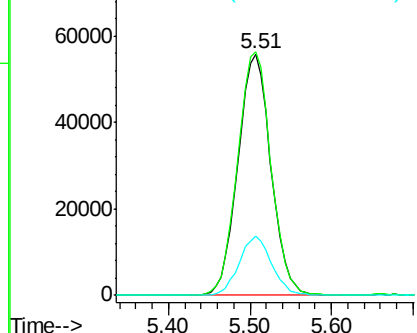
#35
 Dibromofluoromethane
 Concen: 46.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 156621
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 24.2 19.1 28.7

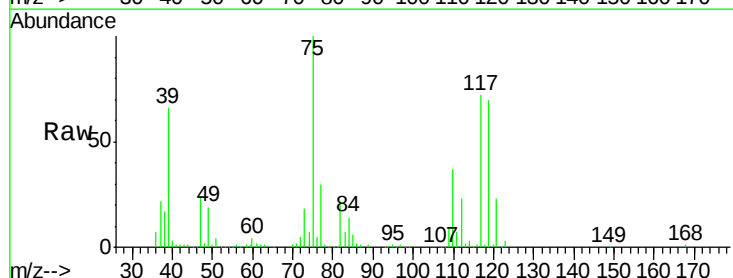


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

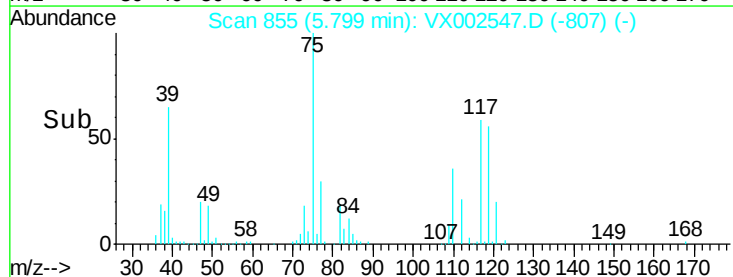
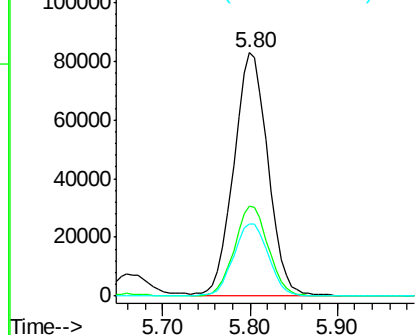


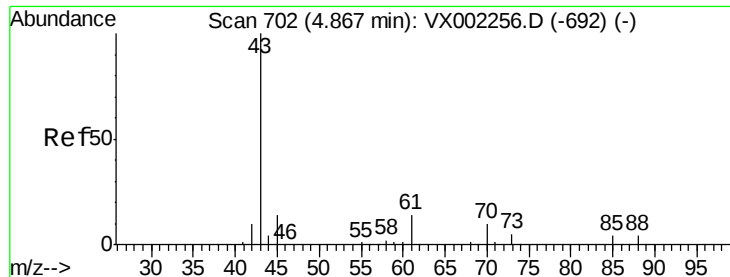
#36
 1,1-Dichloropropene
 Concen: 49.40 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion: 75 Resp: 224009
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 30.2 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

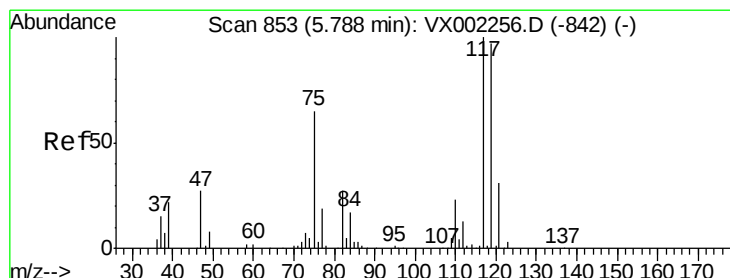
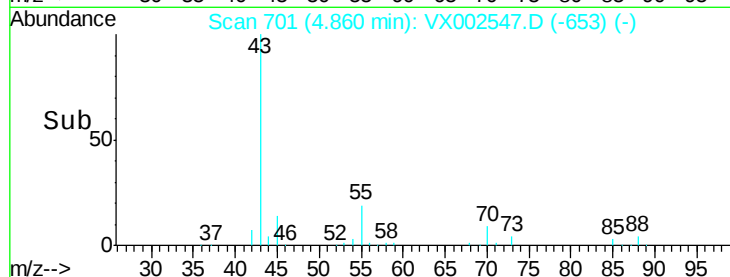
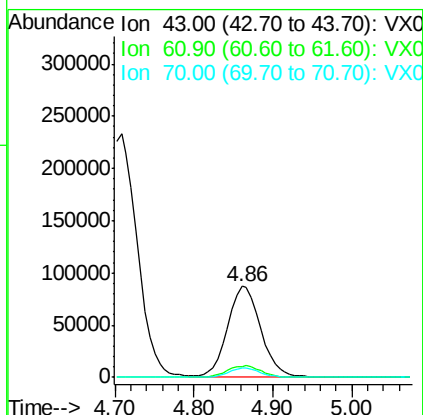
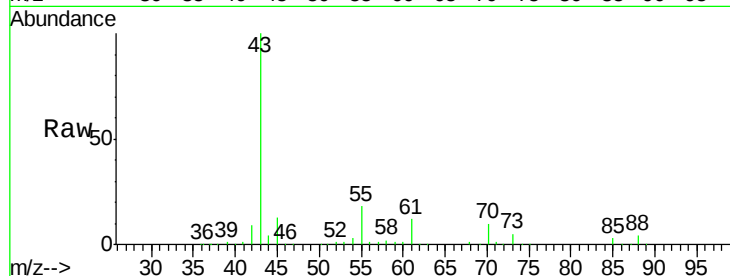




#37
Ethyl Acetate
Concen: 46.54 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

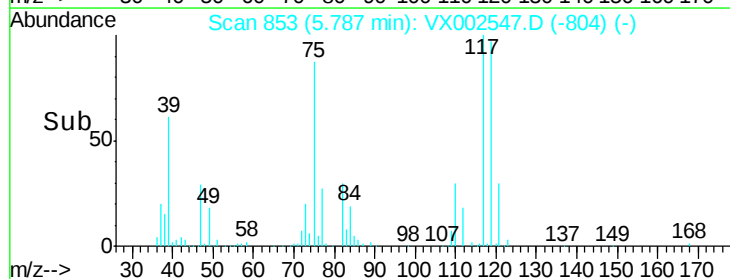
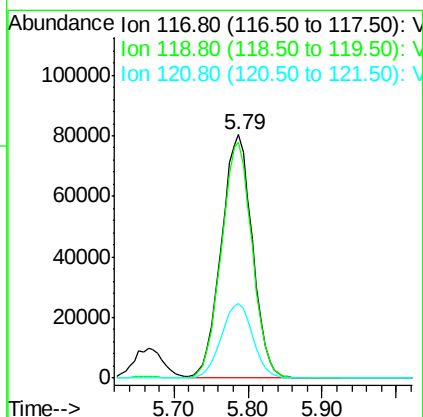
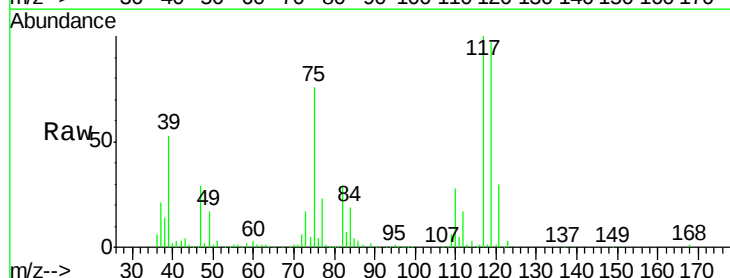
Instrument :
MSVOA_X
ClientSampleId :

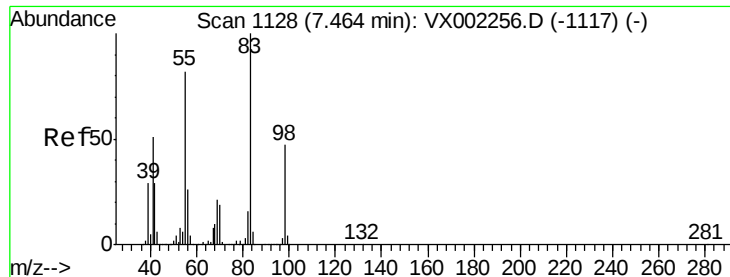
Tot Ion: 43 Resp: 253826
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.33 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 117 Resp: 234055
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
121 30.4 24.4 36.6

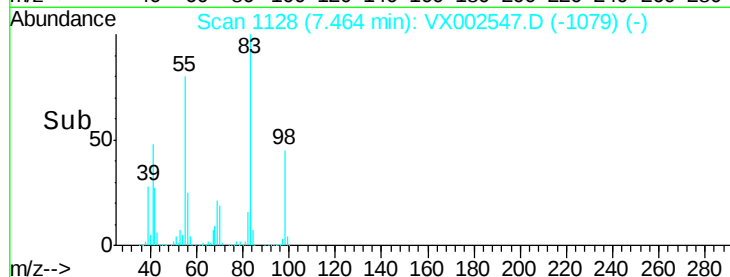
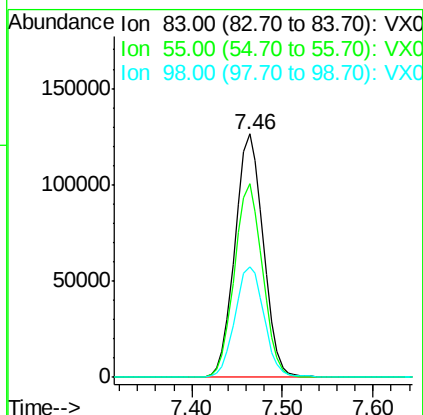
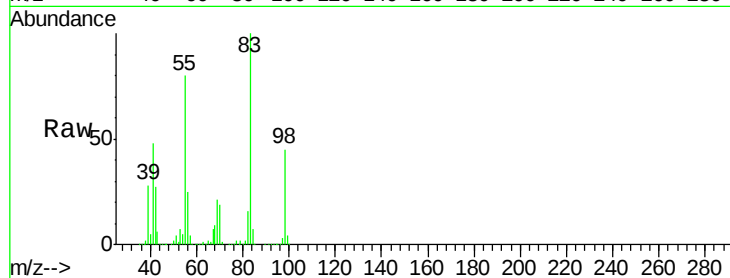




#39
Methvlcvclohexane
Concen: 49.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

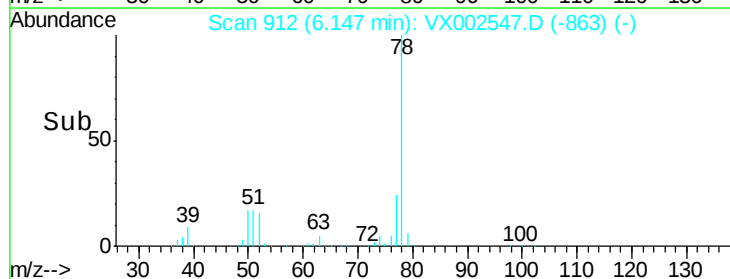
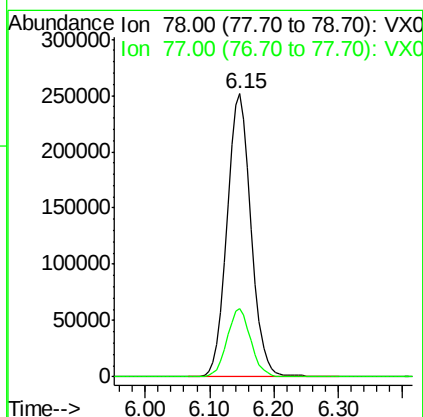
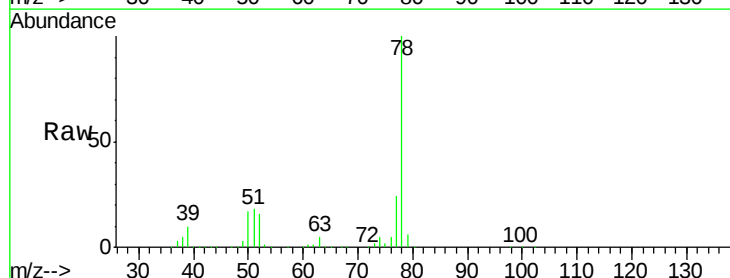
Instrument :
MSVOA_X
ClientSampleId :

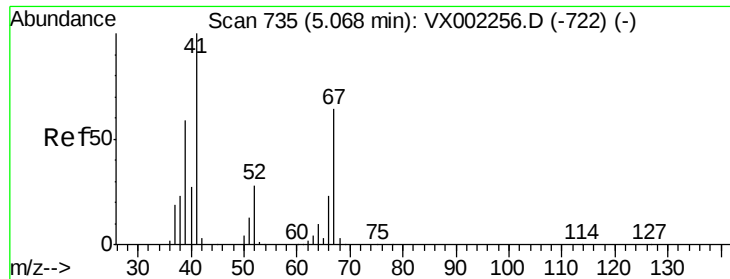
Tot Ion: 83 Resp: 274816
Ion Ratio Lower Upper
83 100
55 79.6 65.4 98.0
98 45.5 37.4 56.0



#40
Benzene
Concen: 47.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 78 Resp: 661514
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

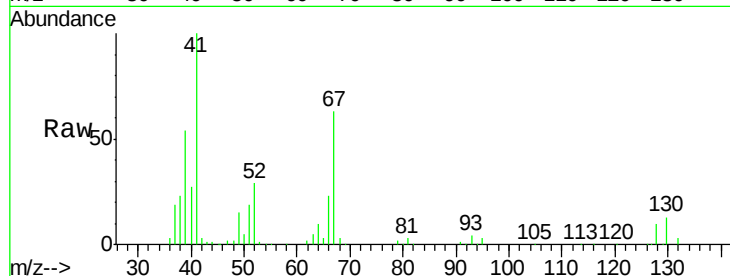




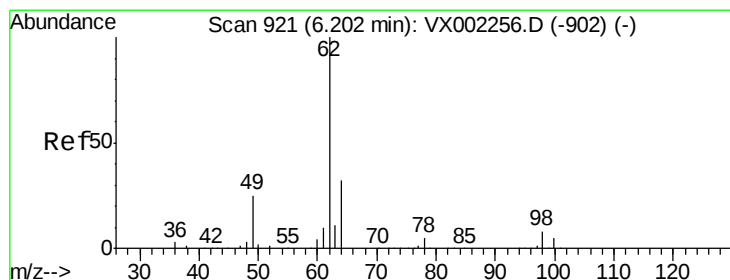
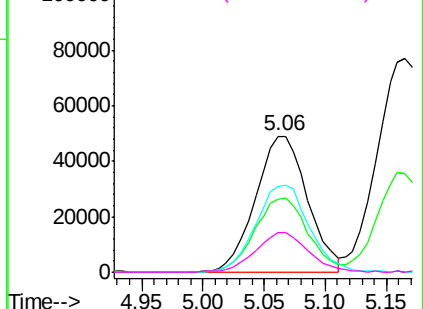
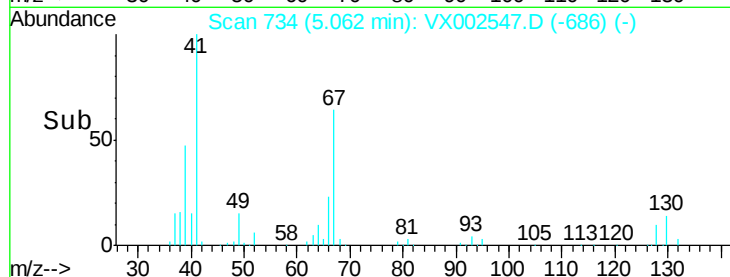
#41
Methacrylonitrile
Concen: 46.47 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 145072
Ion Ratio Lower Upper
41 100
39 56.0 45.8 68.6
67 66.0 51.3 76.9
52 28.9 23.0 34.6

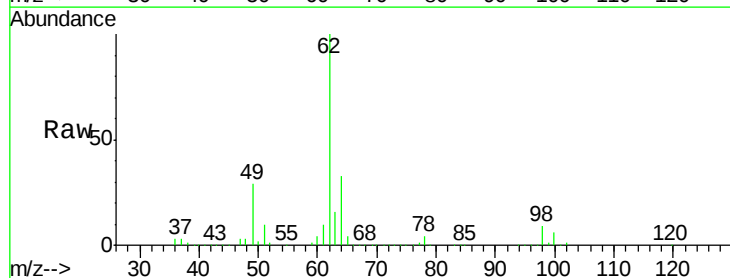


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

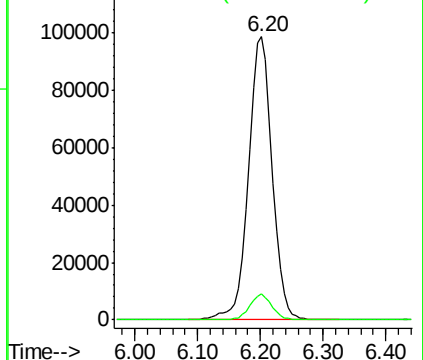
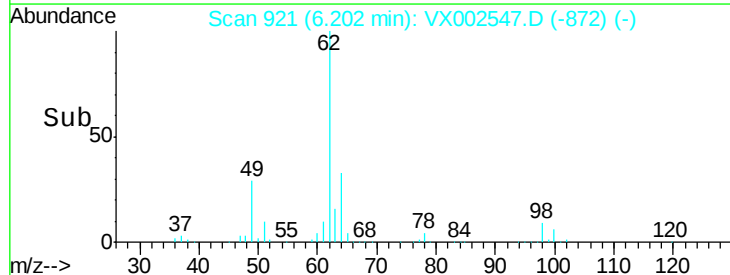


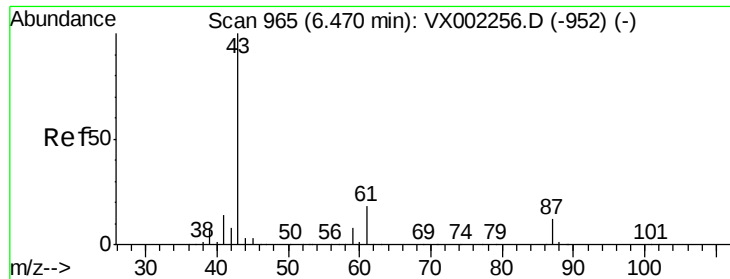
#42
1,2-Dichloroethane
Concen: 46.55 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 62 Resp: 257160
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.6



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



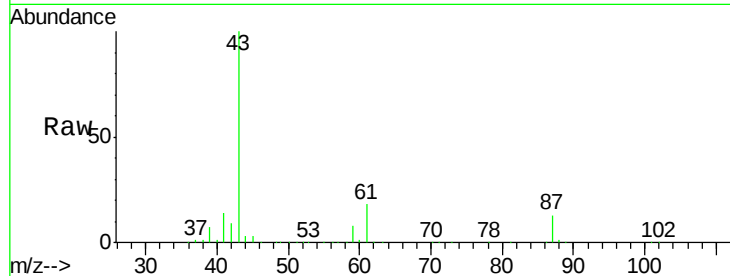


#43

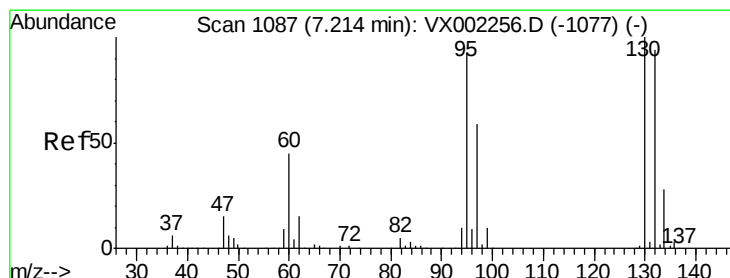
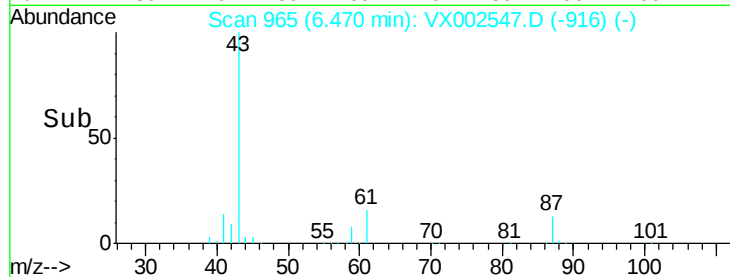
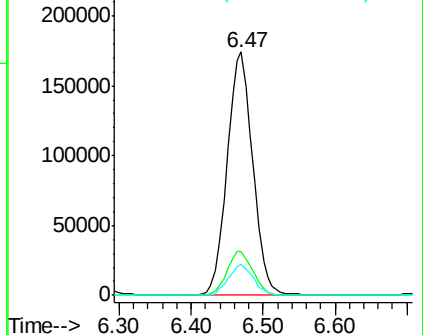
Isopropyl Acetate
 Concen: 46.46 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 430411
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 12.4 9.5 14.3



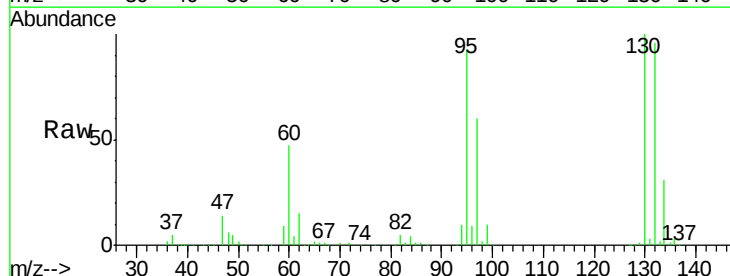
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



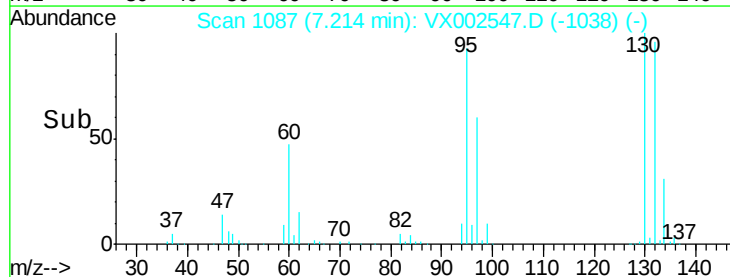
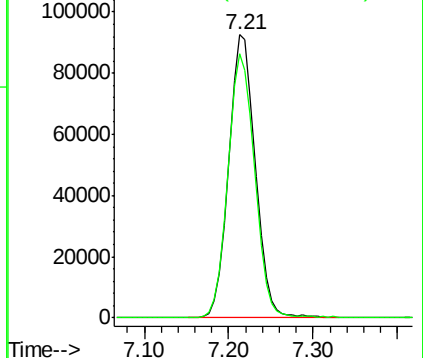
#44

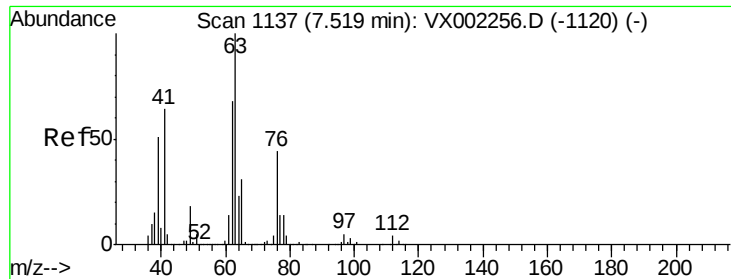
Trichloroethene
 Concen: 51.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion:130 Resp: 198228
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

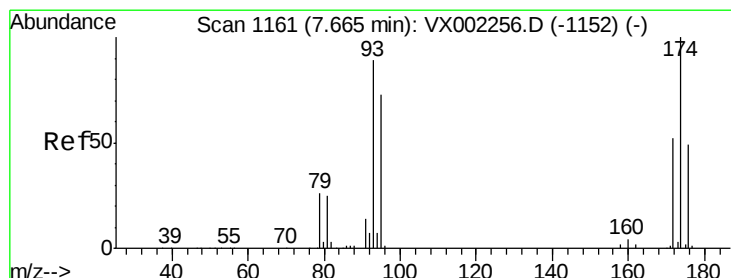
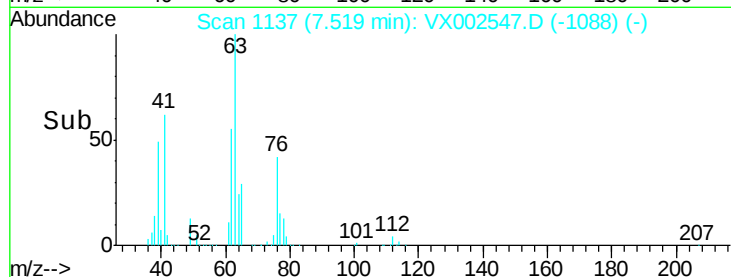
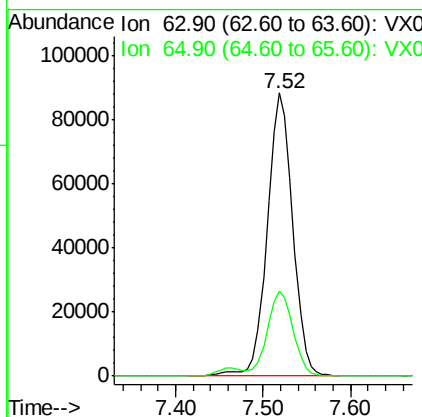
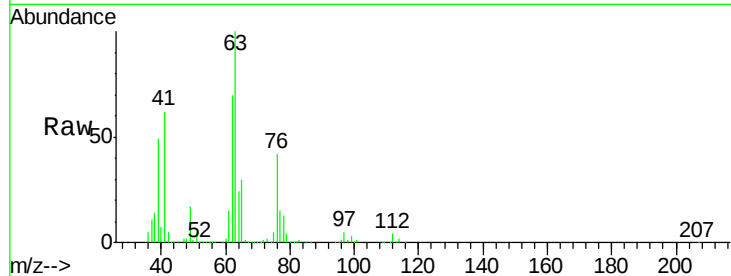




#45
 1,2-Dichloropropane
 Concen: 48.17 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

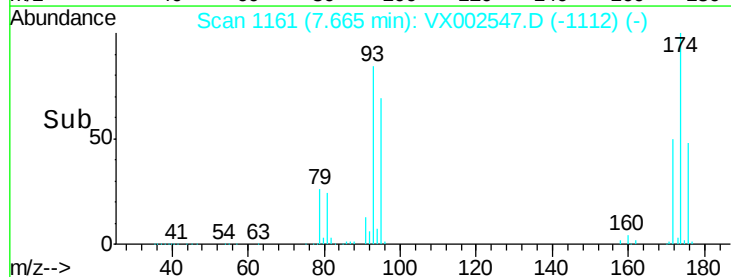
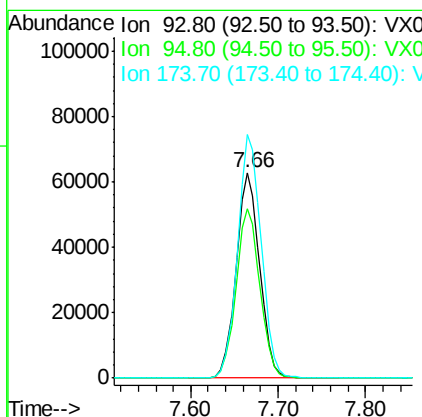
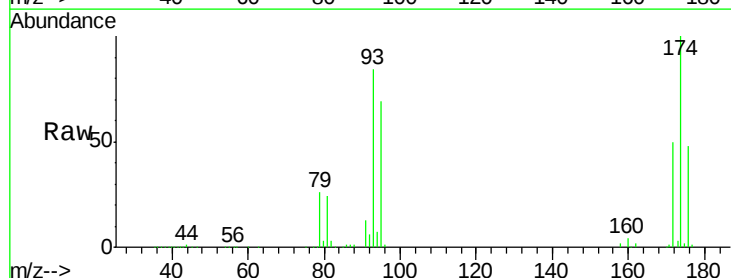
Instrument :
 MSVOA_X
 ClientSampleId :

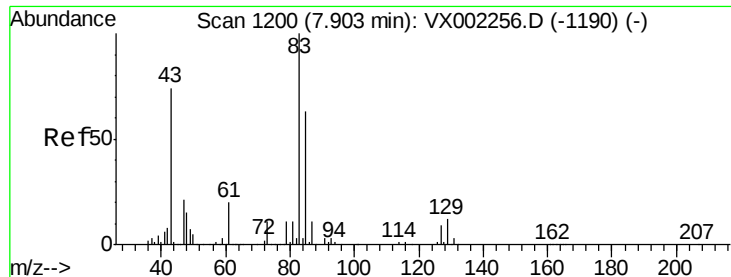
Tot Ion: 63 Resp: 180817
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1



#46
 Dibromomethane
 Concen: 46.23 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion: 93 Resp: 117636
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 119.2 92.4 138.6





#47

Bromodichloromethane

Concen: 47.85 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :
MSVOA_X
ClientSampleId :

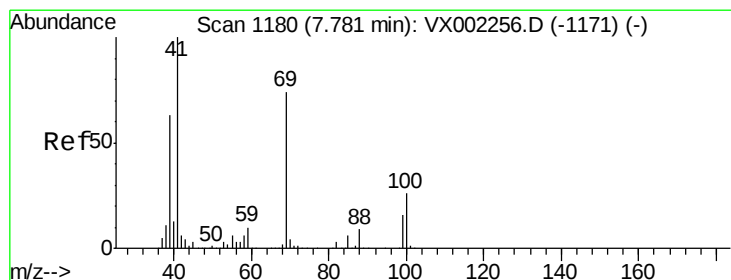
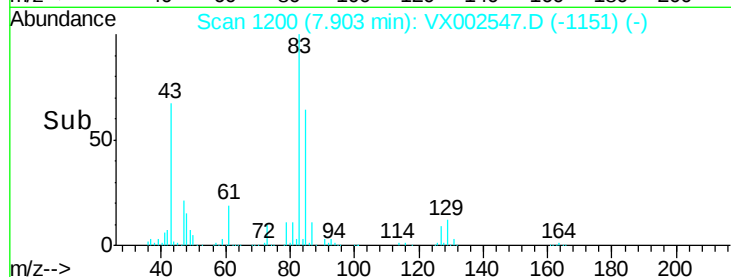
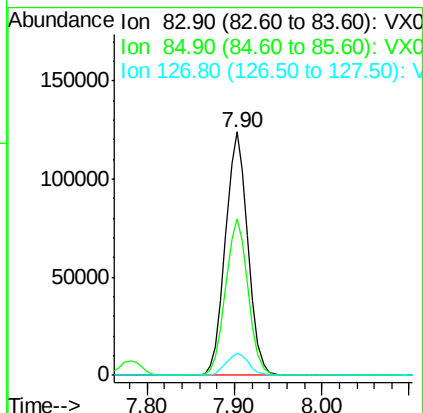
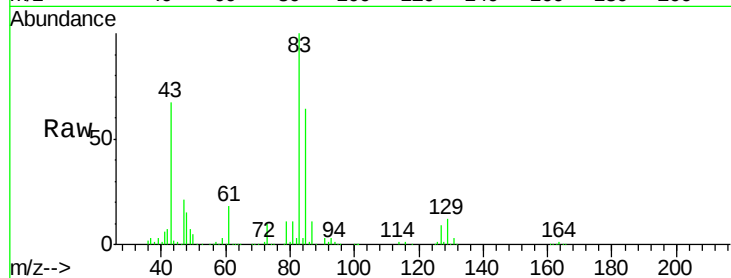
Tot Ion: 83 Resp: 220211

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 46.39 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

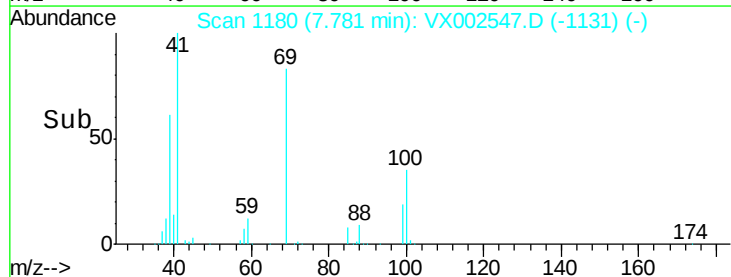
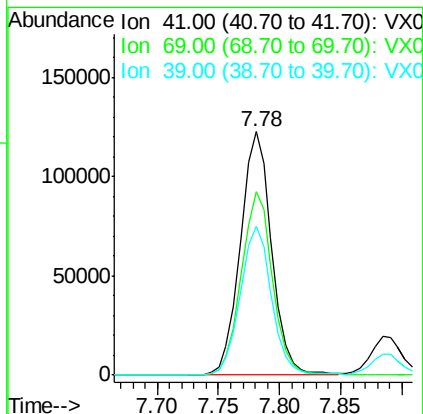
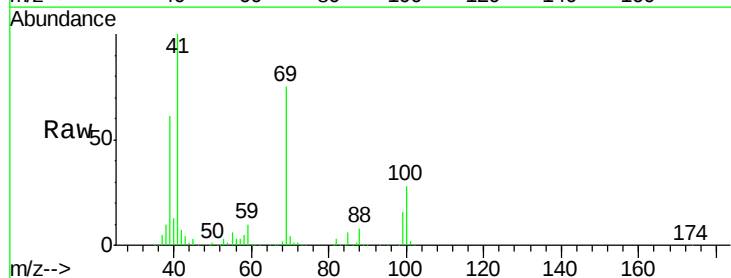
Tgt Ion: 41 Resp: 215857

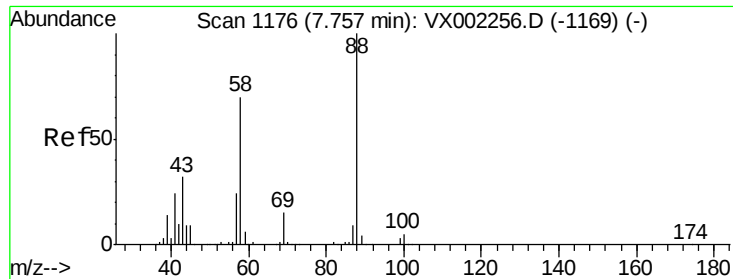
Ion Ratio Lower Upper

41 100

69 76.2 59.1 88.7

39 61.3 48.9 73.3

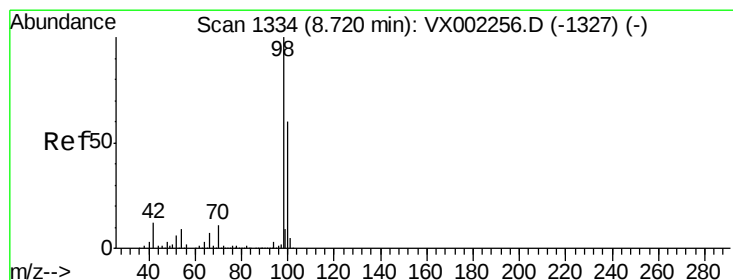
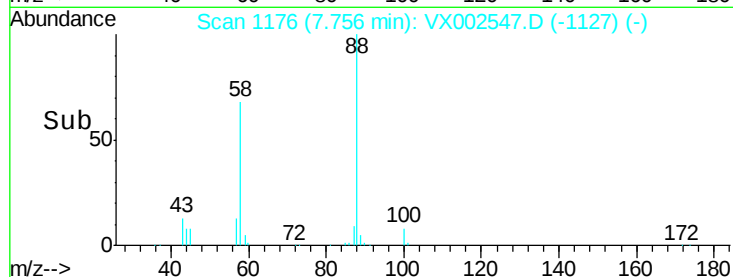
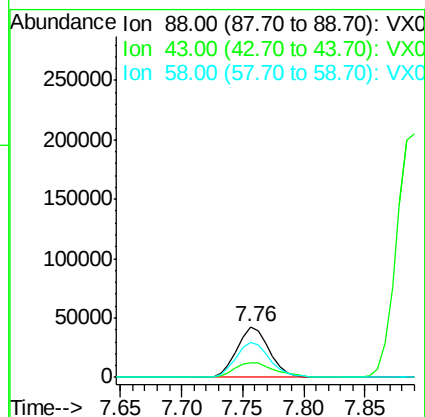
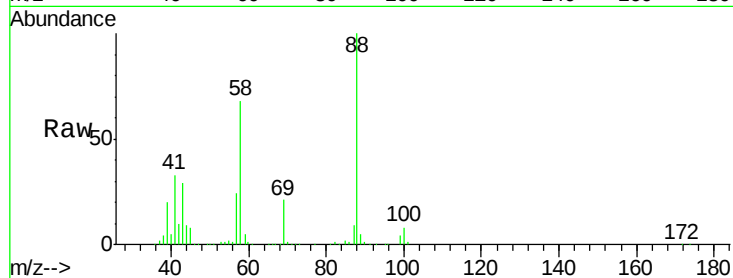




#49
1,4-Dioxane
Concen: 903.25 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

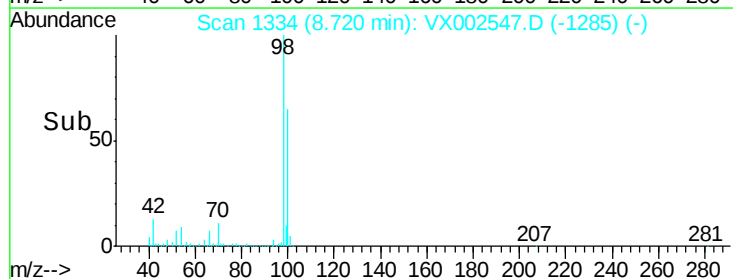
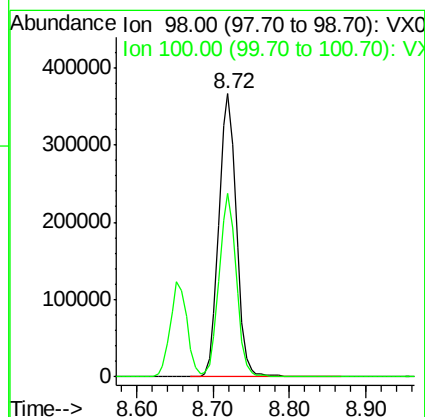
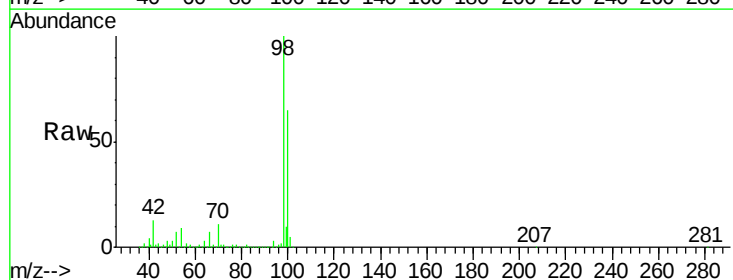
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 78584
Ion Ratio Lower Upper
88 100
43 35.2 29.8 44.6
58 72.4 57.1 85.7



#50
Toluene-d8
Concen: 44.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 98 Resp: 580906
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 235.35 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

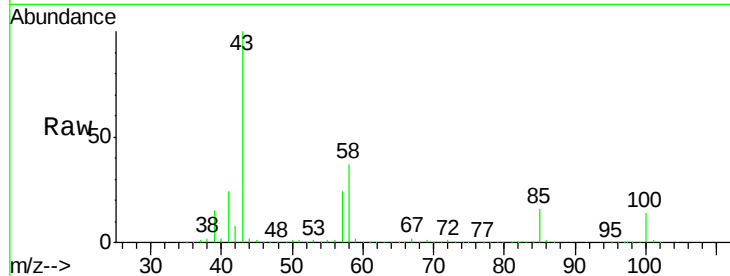
ClientSampleId :

Tot Ion: 43 Resp: 1357681

Ion Ratio Lower Upper

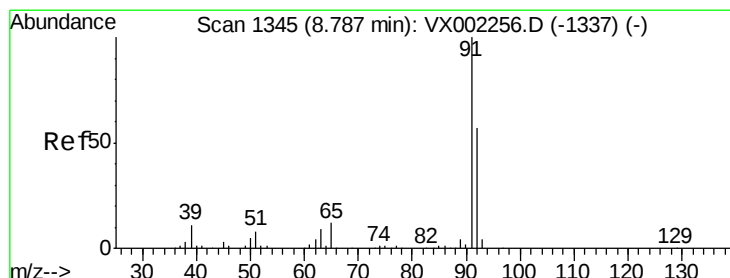
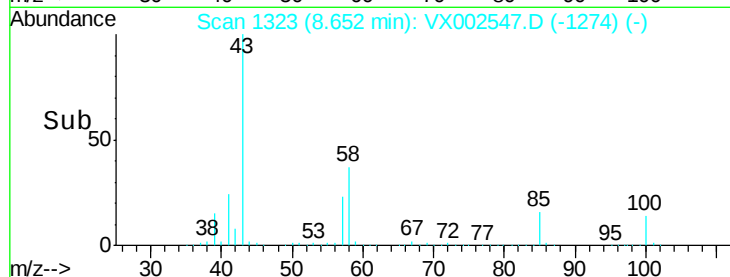
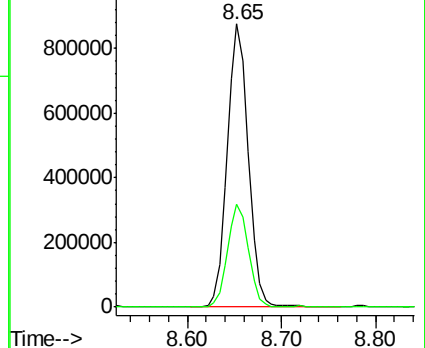
43 100

58 36.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002547.D

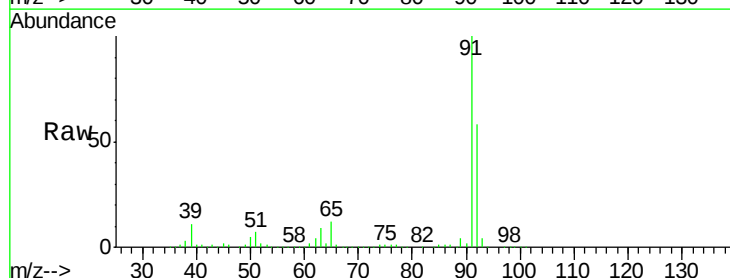
Acq: 14 Jun 2018 10:04

Tgt Ion: 92 Resp: 426603

Ion Ratio Lower Upper

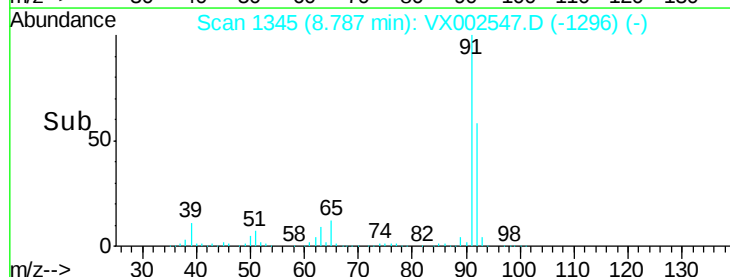
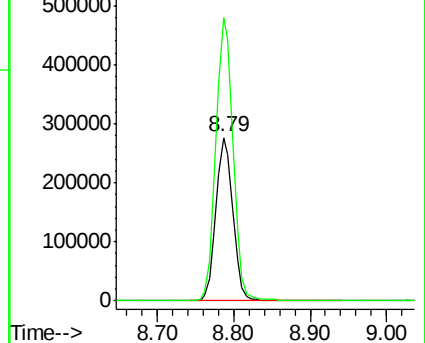
92 100

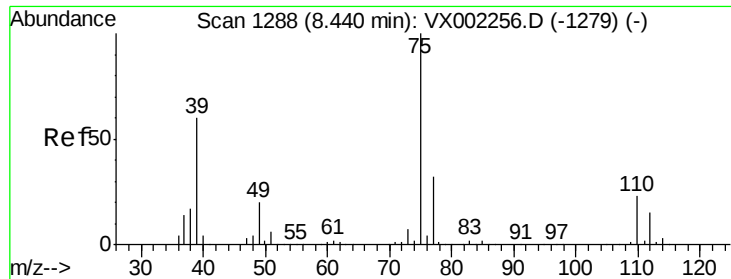
91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

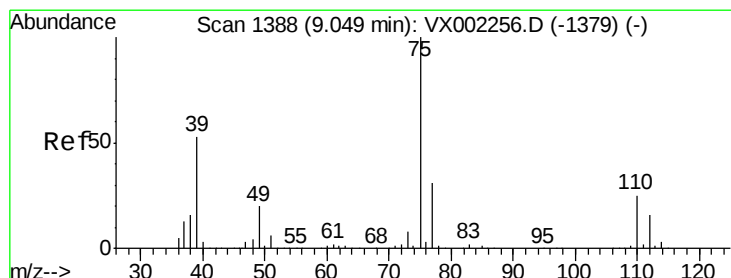
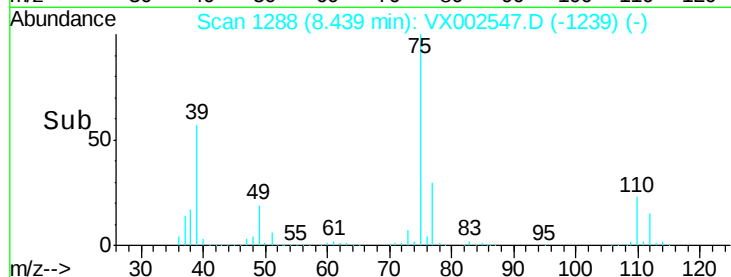
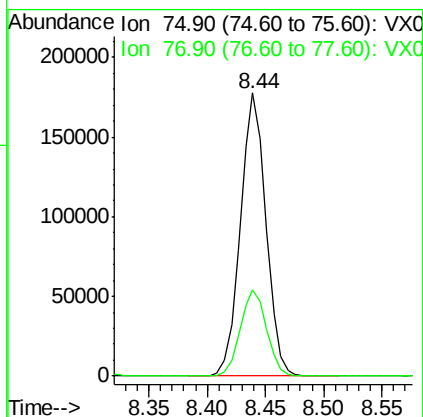
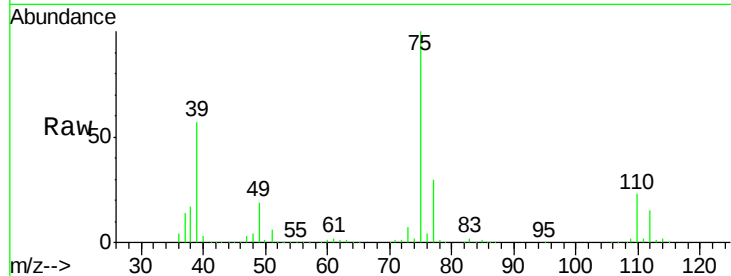




#53
t-1,3-Dichloropropene
Concen: 49.17 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

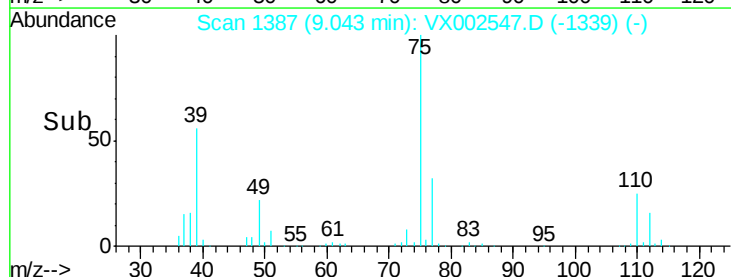
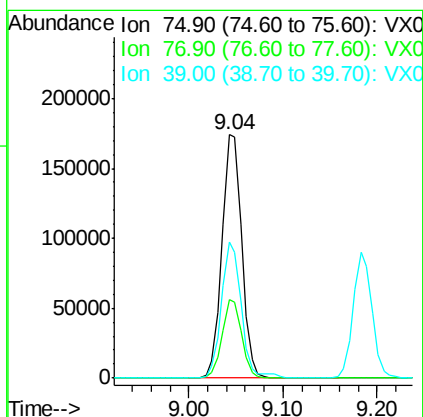
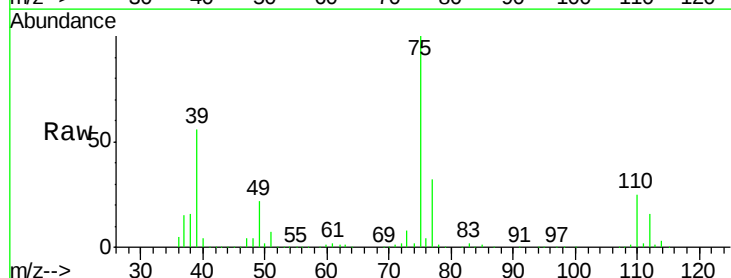
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 271370
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.72 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 75 Resp: 253694
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 55.7 42.4 63.6



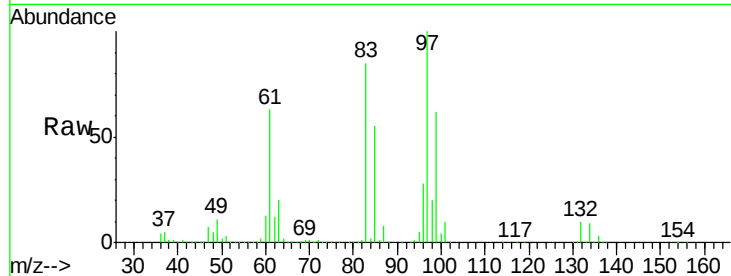


#55
 1,1,2-Trichloroethane
 Concen: 49.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

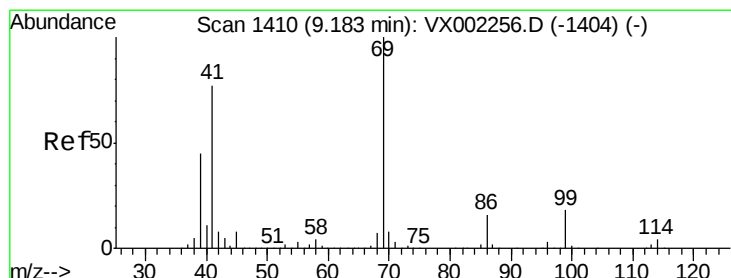
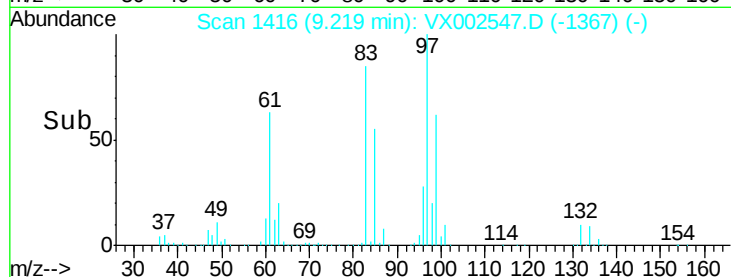
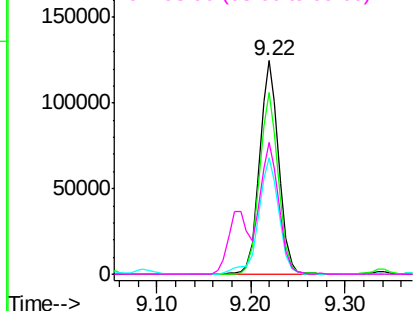
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 178958

Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	54.8	44.9	67.3
99	61.8	49.8	74.8



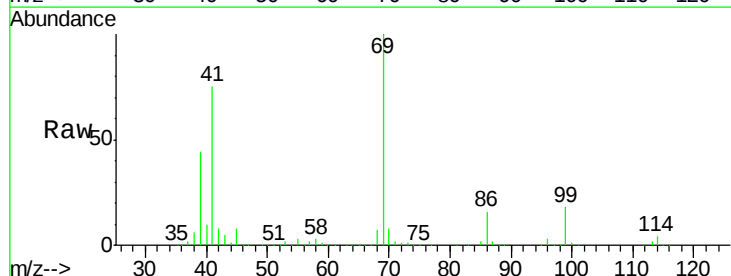
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



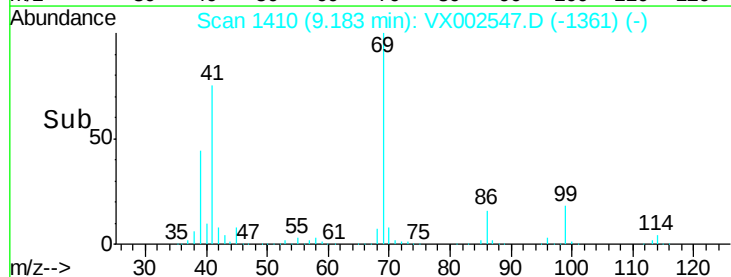
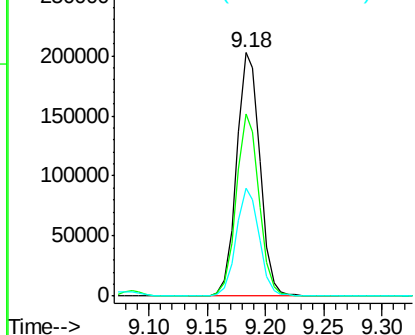
#56
 Ethyl methacrylate
 Concen: 48.63 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion: 69 Resp: 282387

Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.9	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: 47.86 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

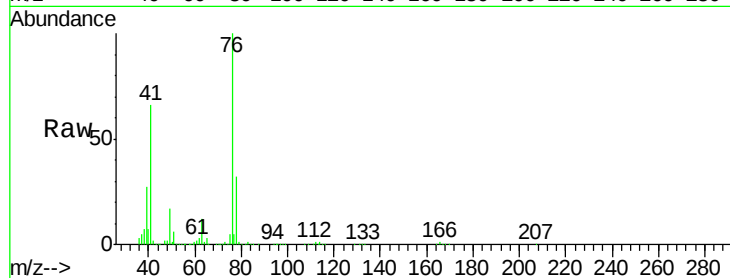
ClientSampled :

Tot Ion: 76 Resp: 292043

Ion Ratio Lower Upper

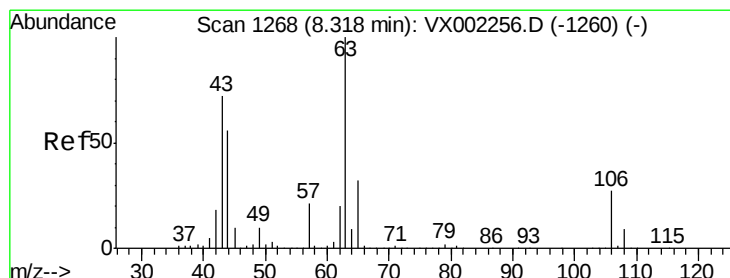
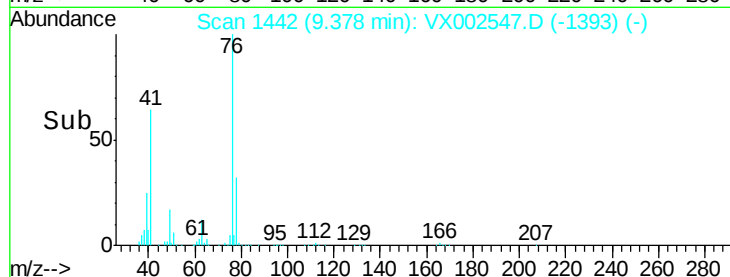
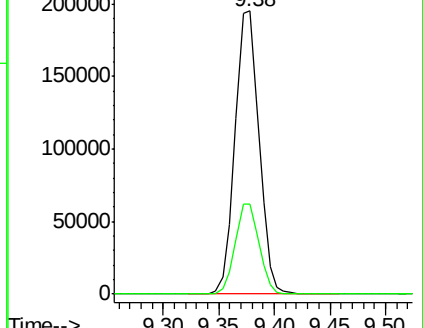
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 245.85 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002547.D

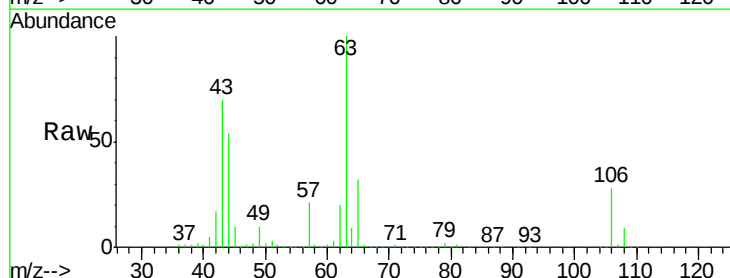
Acq: 14 Jun 2018 10:04

Tgt Ion: 63 Resp: 660794

Ion Ratio Lower Upper

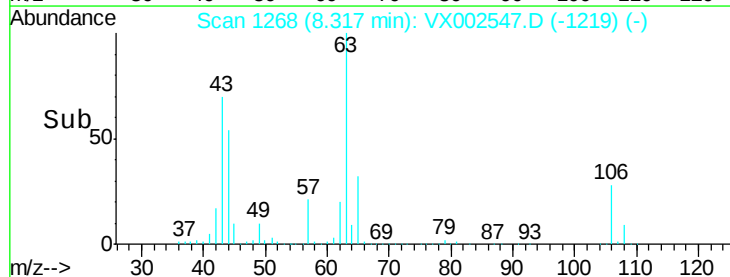
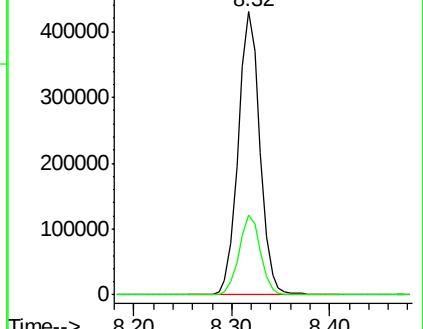
63 100

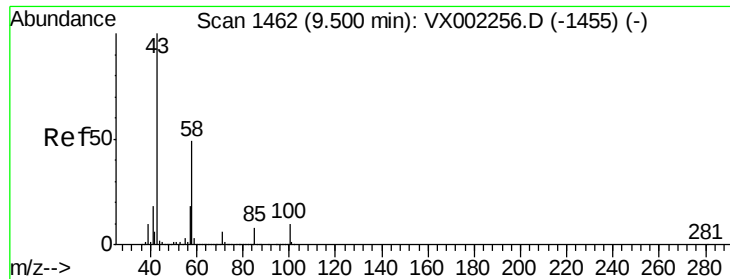
106 28.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

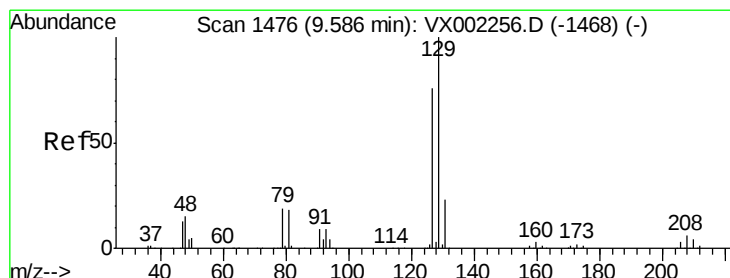
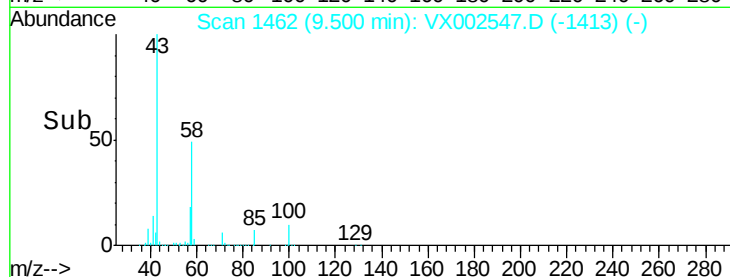
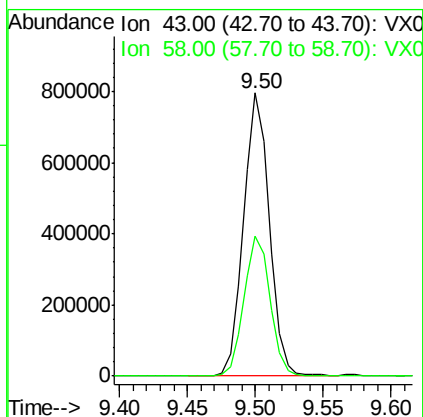
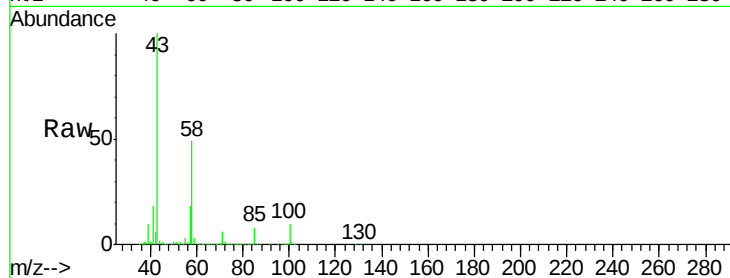




#59
2-Hexanone
Concen: 236.72 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

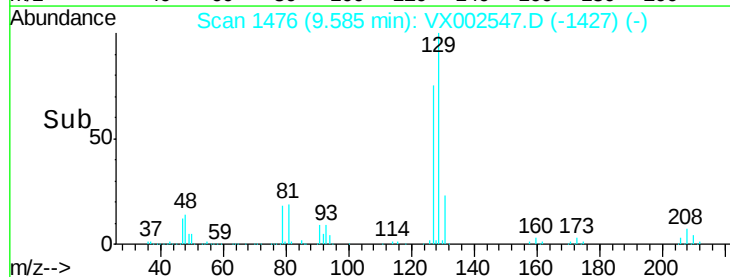
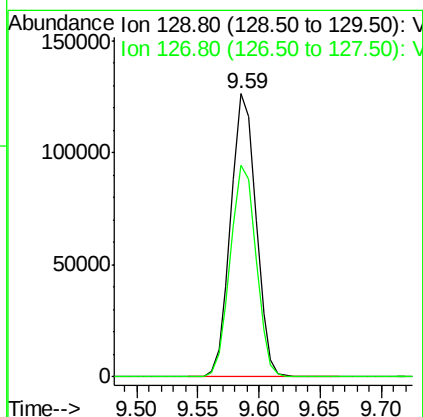
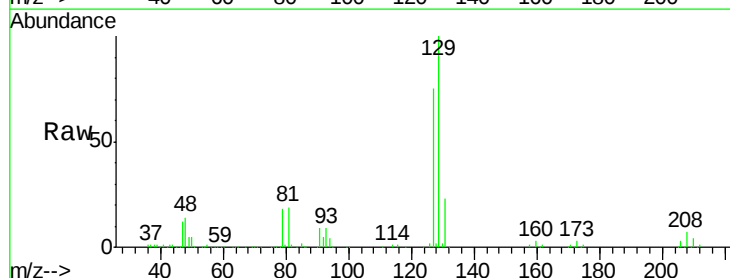
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1054796
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6



#60
Dibromochloromethane
Concen: 49.48 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 129 Resp: 181013
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

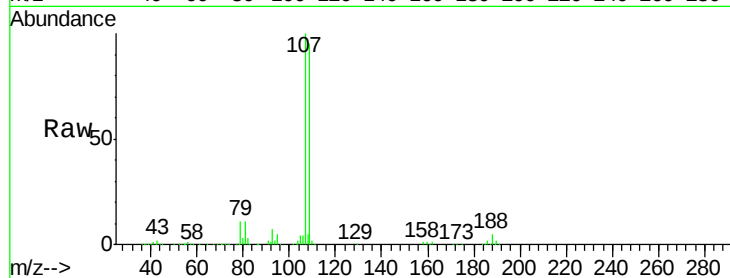
ClientSampleId :

Tot Ion:107 Resp: 183101

Ion Ratio Lower Upper

107 100

109 95.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

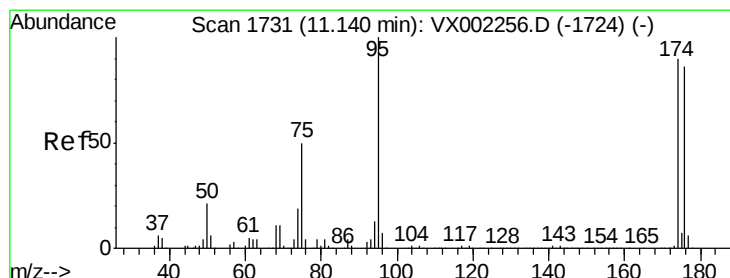
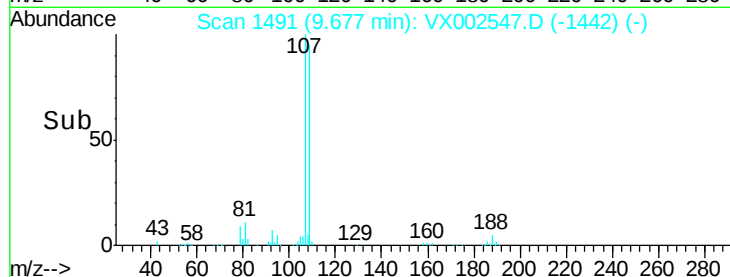
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

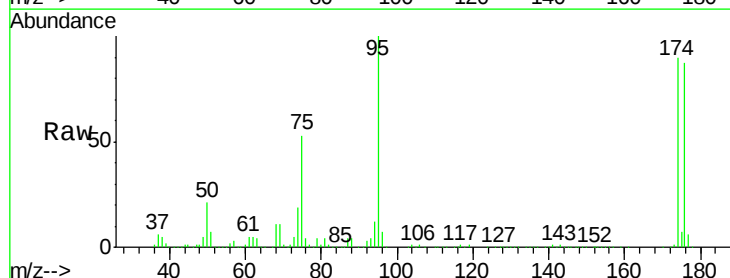
Tgt Ion: 95 Resp: 228851

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

176 93.2 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

250000

200000

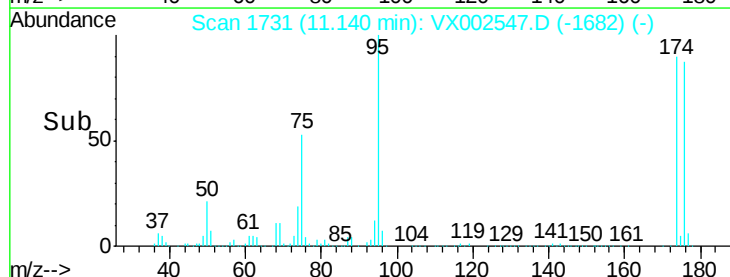
150000

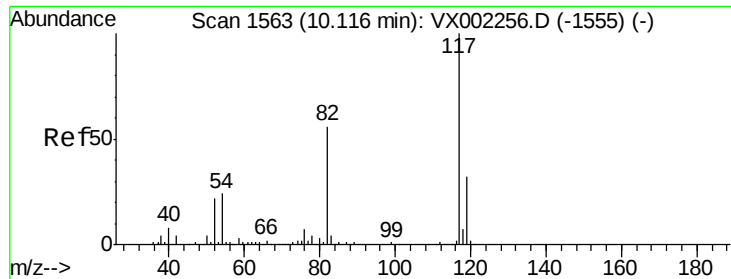
100000

50000

0

Time-->

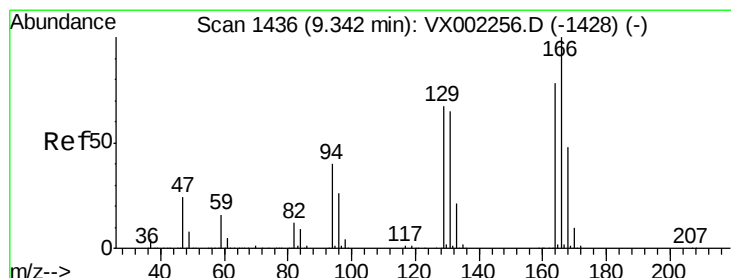
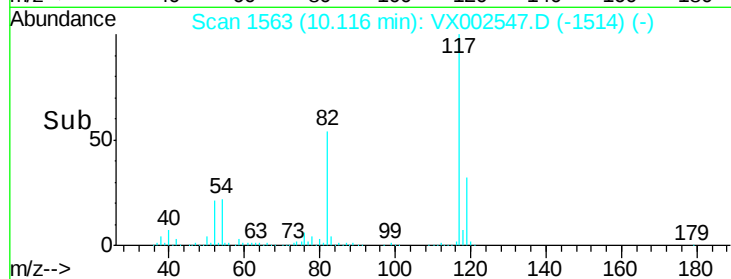
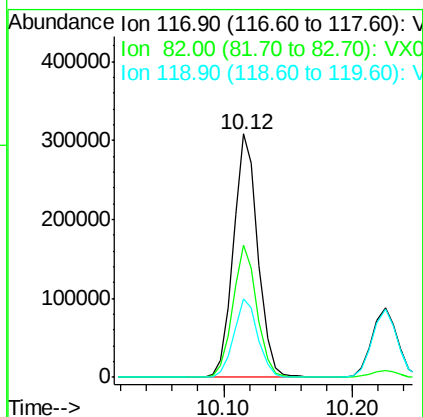
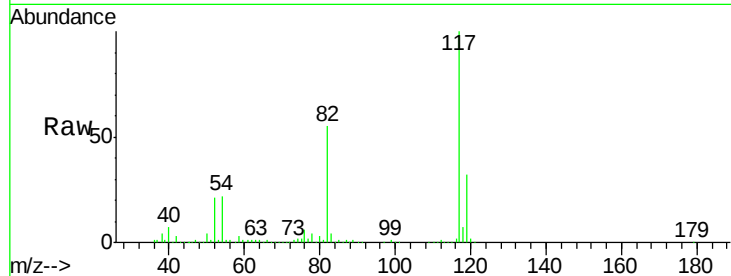




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

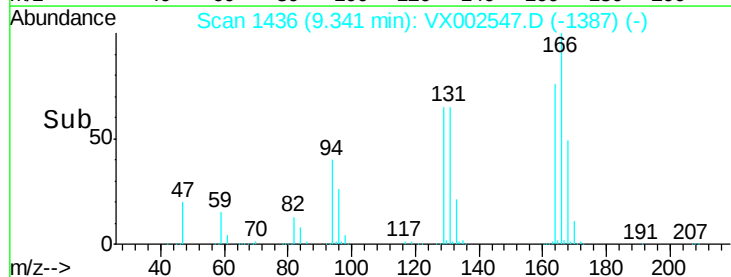
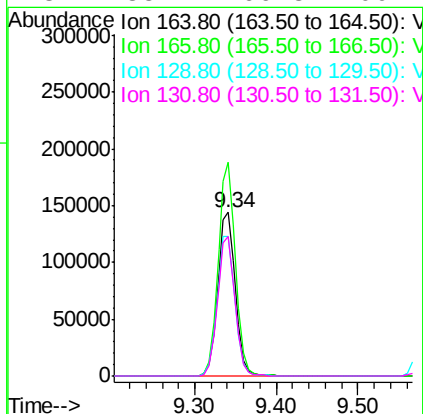
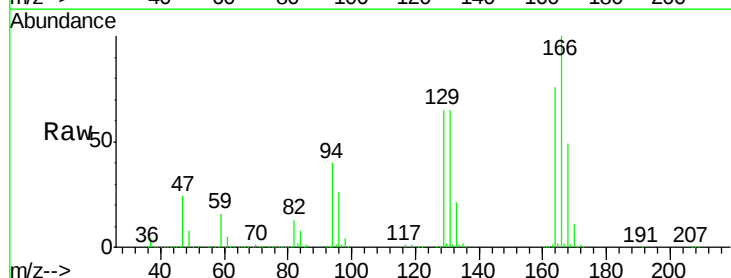
Instrument :
MSVOA_X
ClientSampleId :

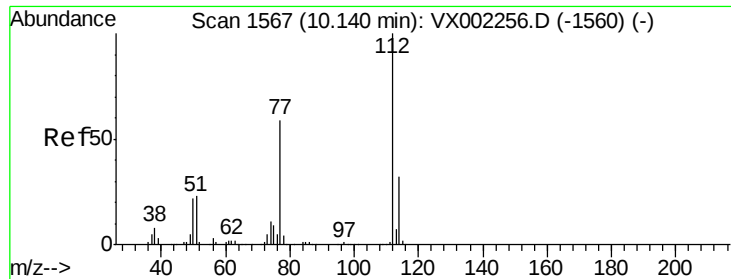
Tot Ion:117 Resp: 406952
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 51.69 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion:164 Resp: 216958
Ion Ratio Lower Upper
164 100
166 130.8 102.9 154.3
129 85.1 68.6 102.8
131 85.1 66.8 100.2

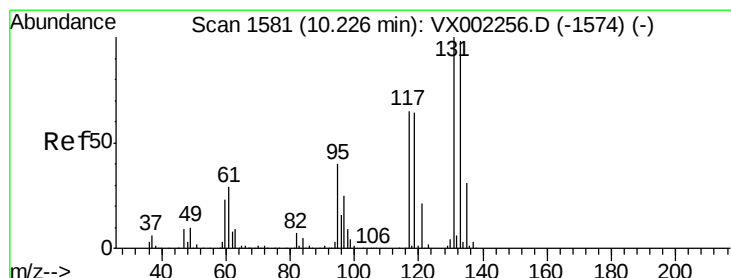
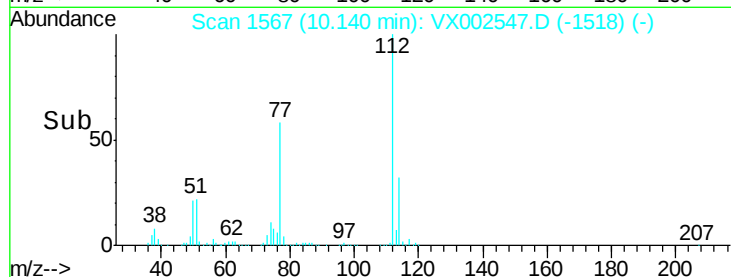
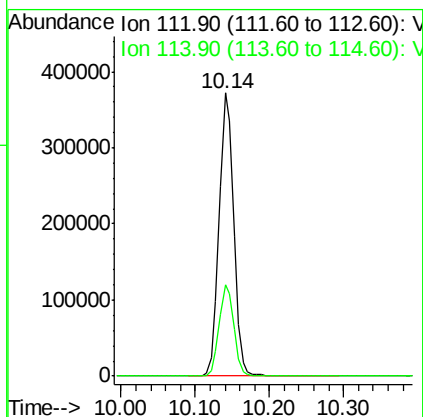
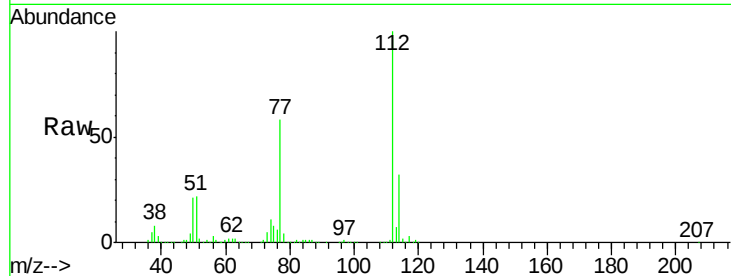




#65
Chlorobenzene
Concen: 49.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

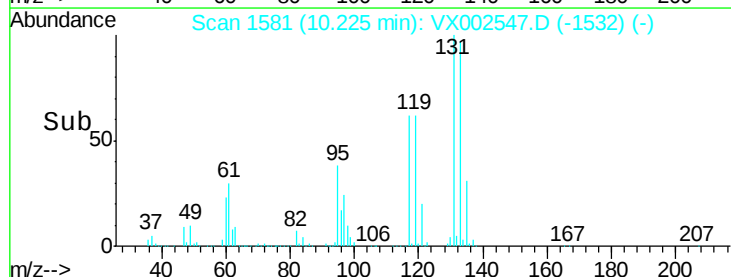
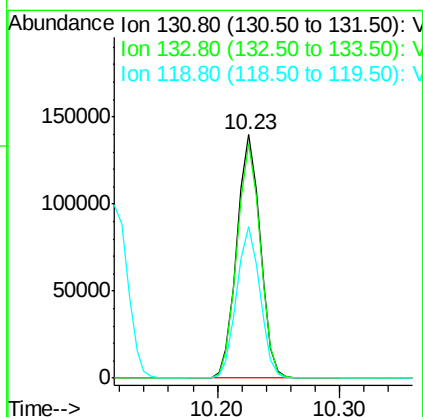
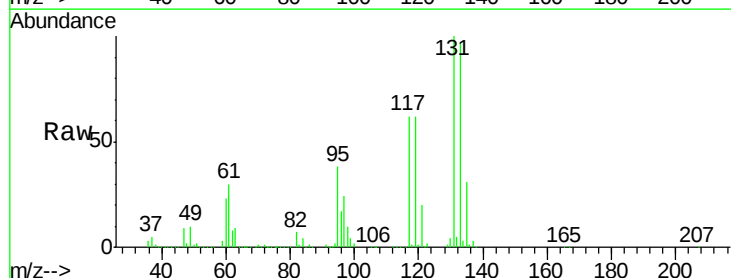
Instrument :
MSVOA_X
ClientSampleId :

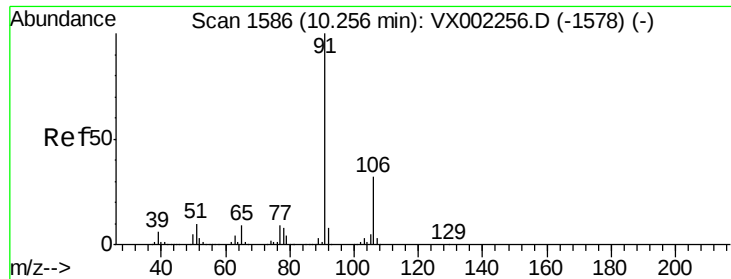
Tot Ion:112 Resp: 500551
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.26 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion:131 Resp: 184299
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 62.4 31.8 95.3

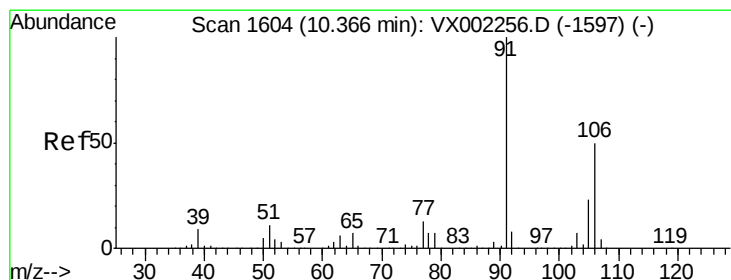
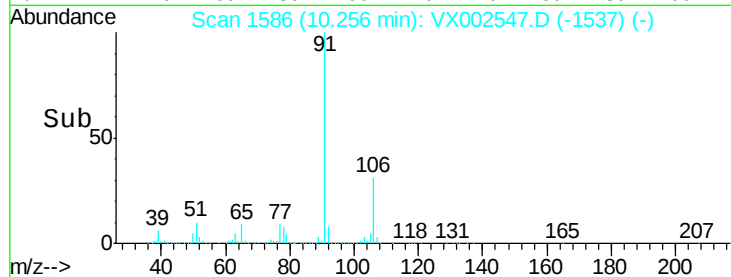
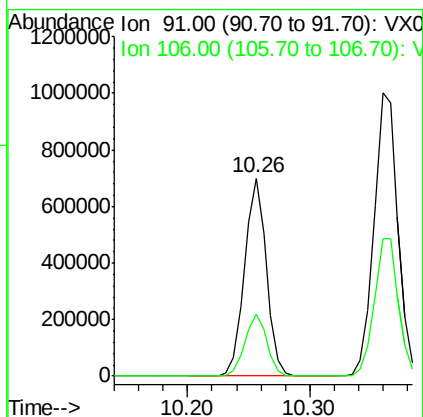
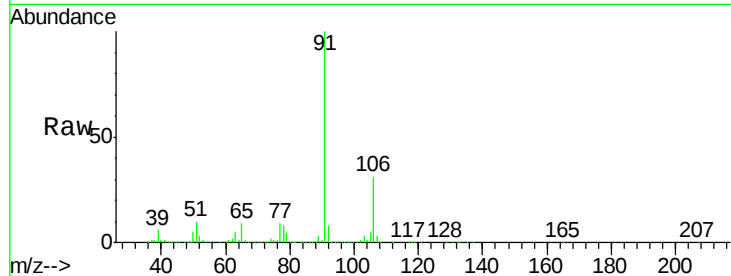




#67
Ethyl Benzene
Concen: 51.13 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

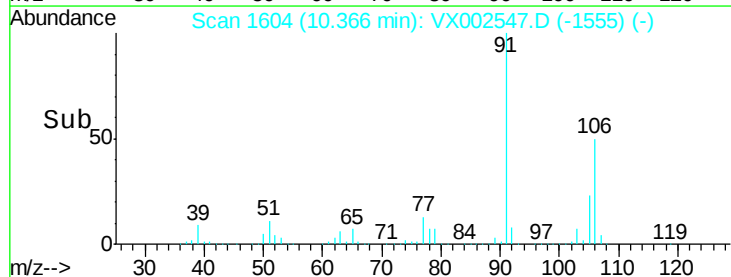
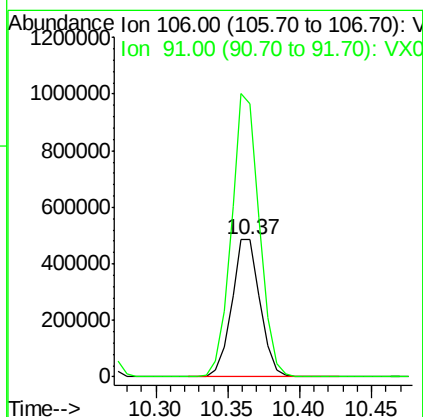
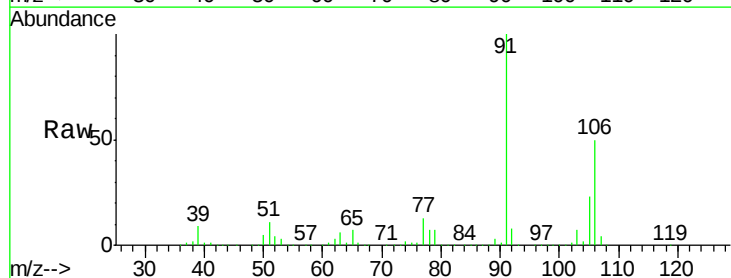
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 866447
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 101.16 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 106 Resp: 666415
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.2

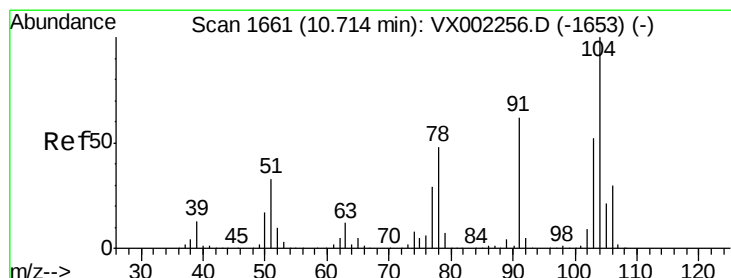
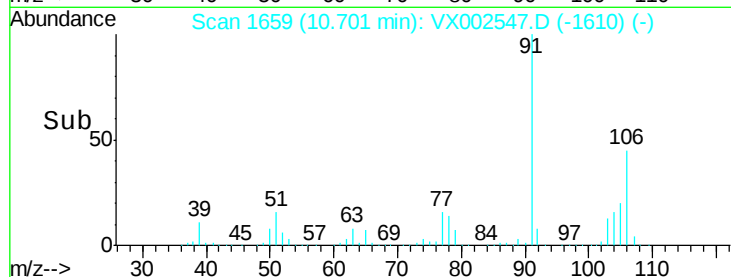
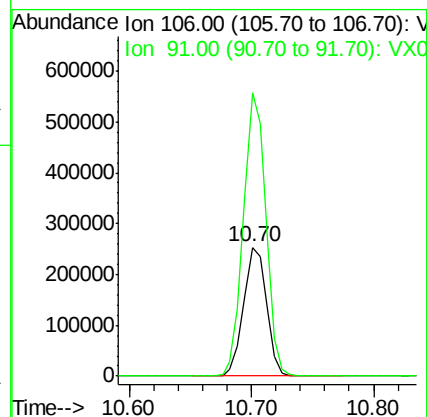
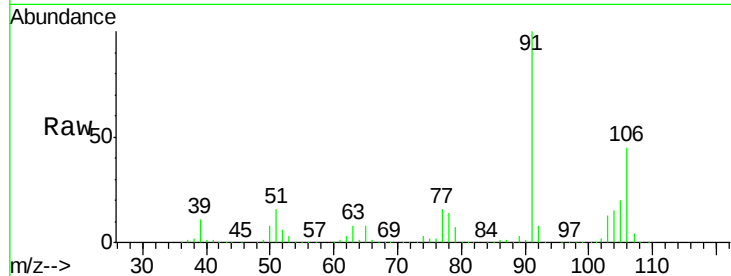




#69
o-Xylene
Concen: 49.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

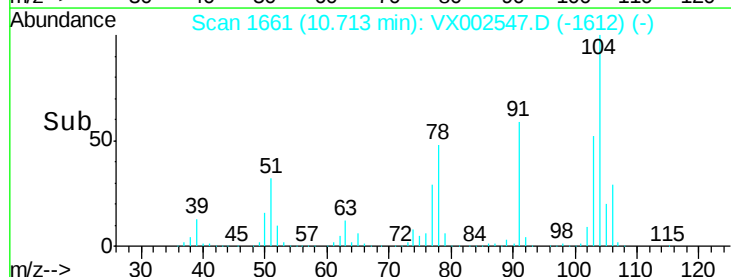
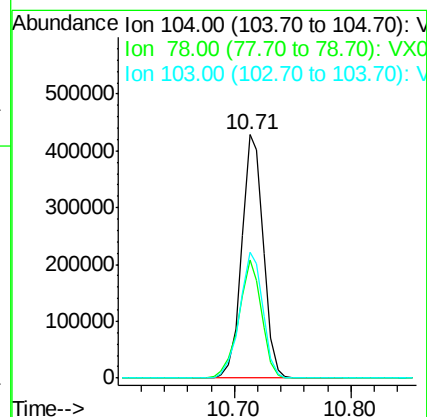
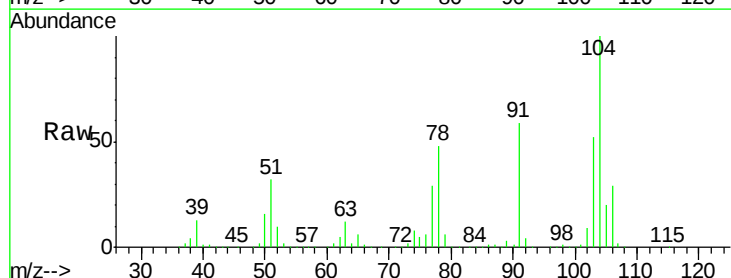
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 326522
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



#70
Styrene
Concen: 51.40 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion:104 Resp: 550826
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 42.71 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampleId :

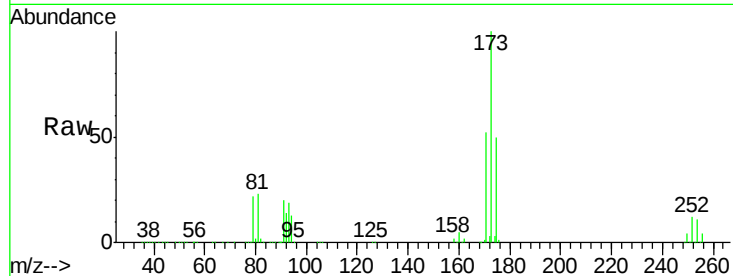
Tot Ion:173 Resp: 138463

Ion Ratio Lower Upper

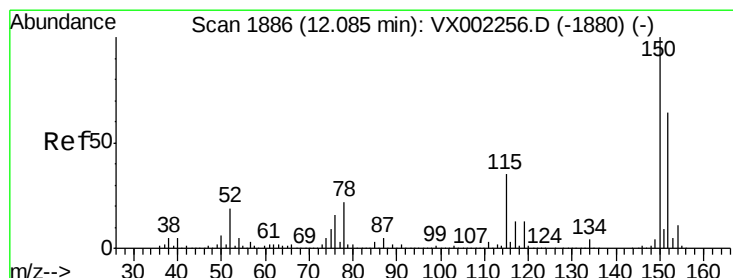
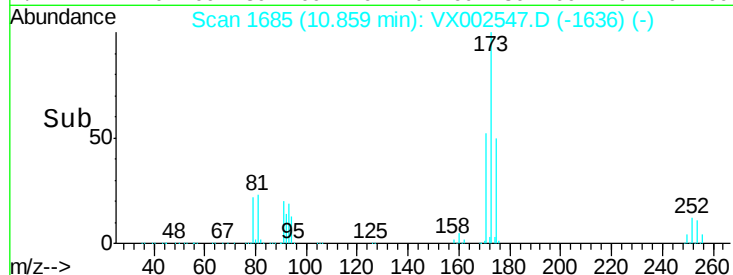
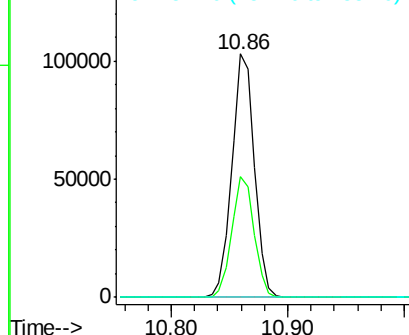
173 100

175 49.3 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

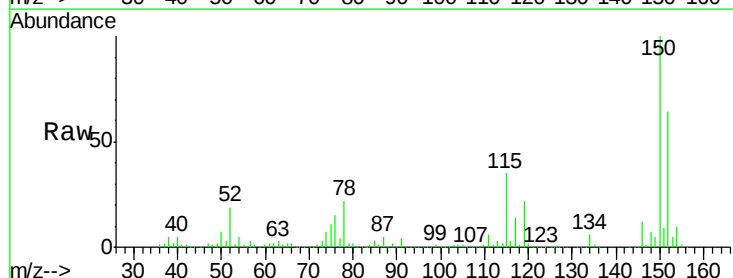
Tgt Ion:152 Resp: 261502

Ion Ratio Lower Upper

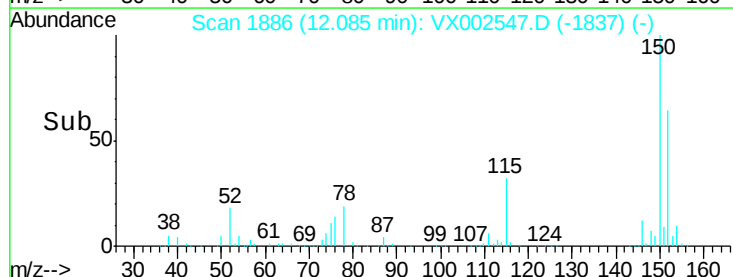
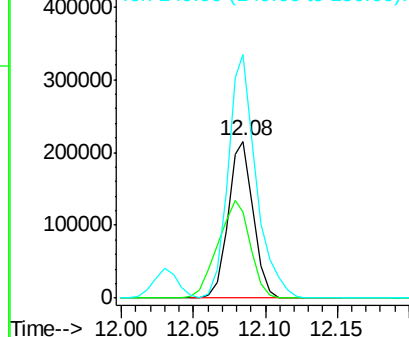
152 100

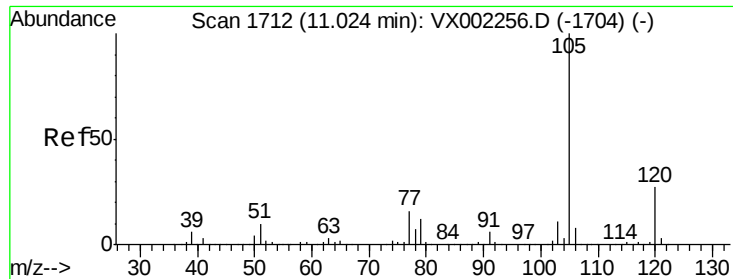
115 80.4 40.1 120.2

150 173.7 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: 49.64 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

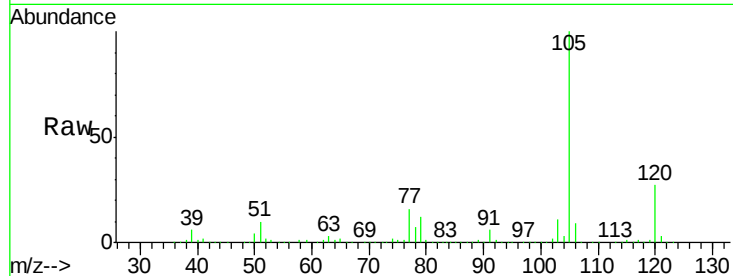
ClientSampleId :

Tot Ion:105 Resp: 903050

Ion Ratio Lower Upper

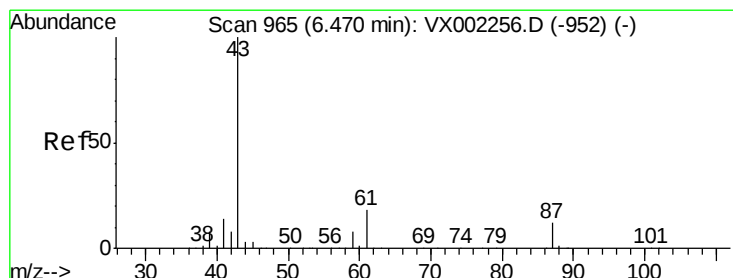
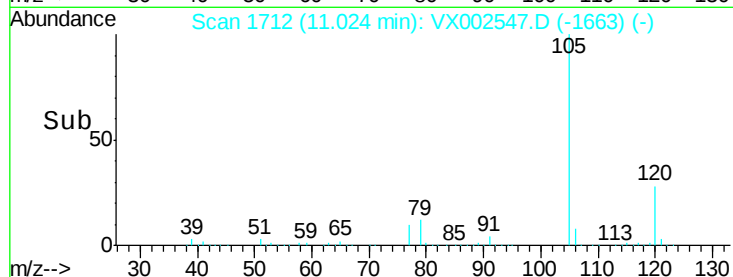
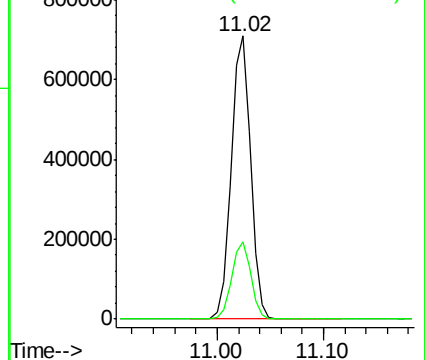
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.91 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Tgt Ion: 43 Resp: 430411

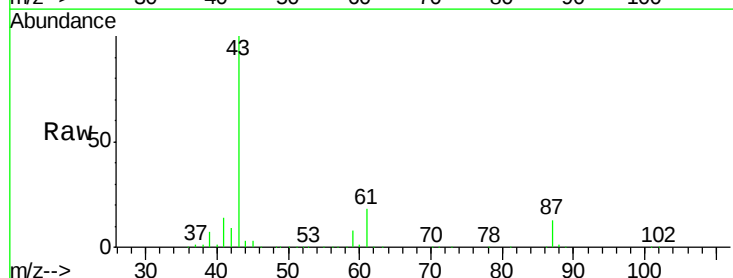
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.3 14.4 21.6

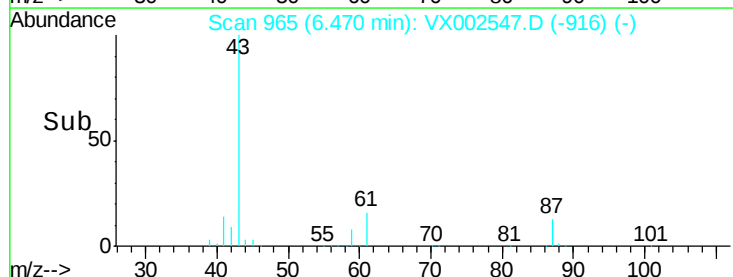
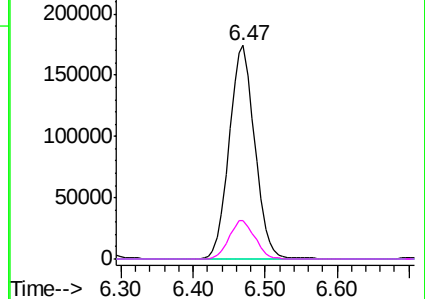


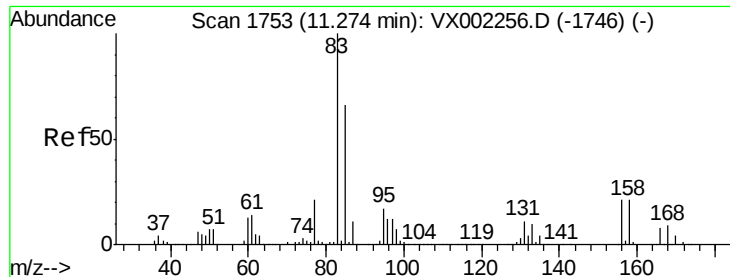
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.96 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampleId :

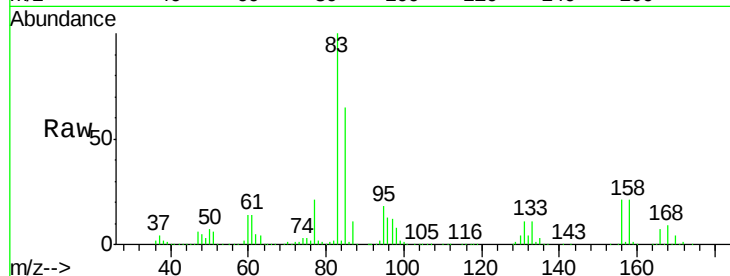
Tot Ion: 83 Resp: 257211

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

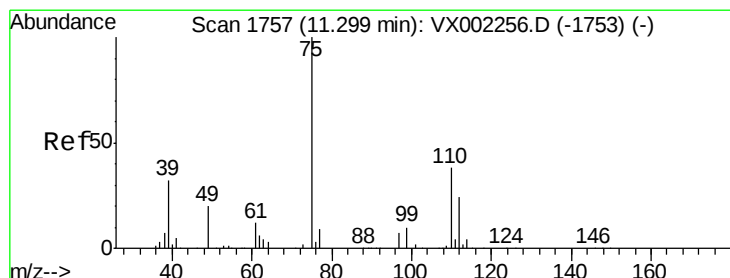
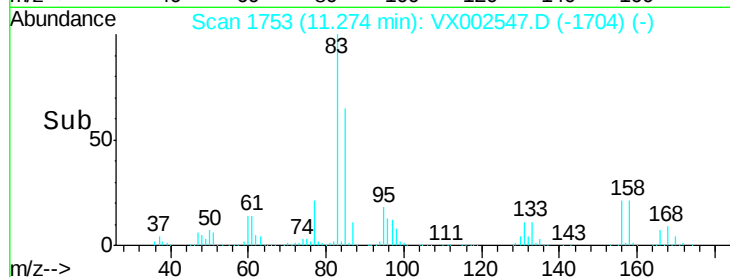
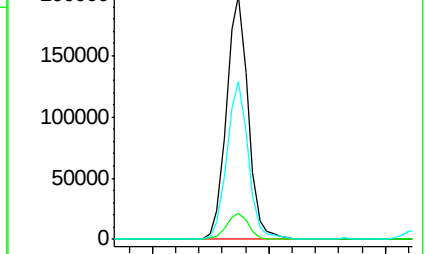
85 64.0 32.4 97.2



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: 53.92 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002547.D

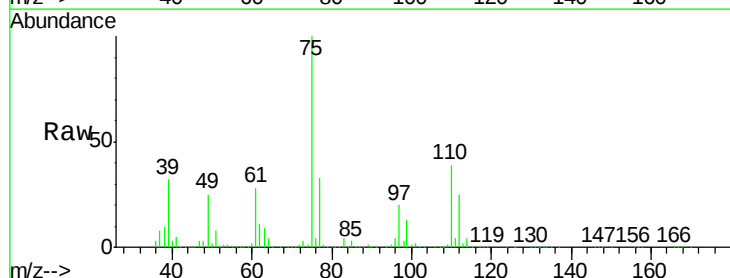
Acq: 14 Jun 2018 10:04

Tgt Ion: 75 Resp: 309370

Ion Ratio Lower Upper

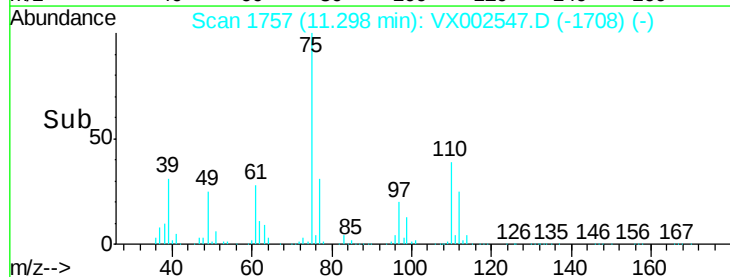
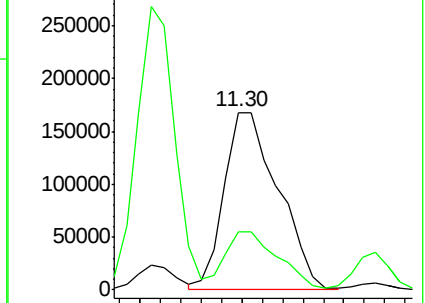
75 100

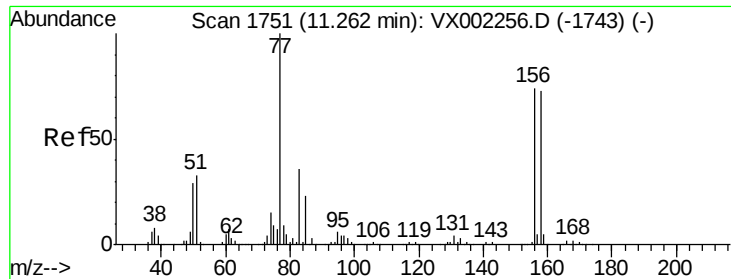
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampleId :

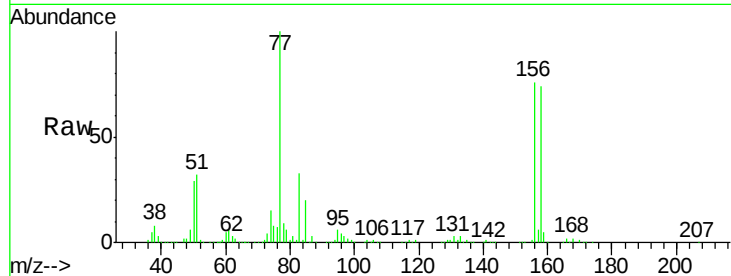
Tot Ion:156 Resp: 245647

Ion Ratio Lower Upper

156 100

77 140.1 71.4 214.2

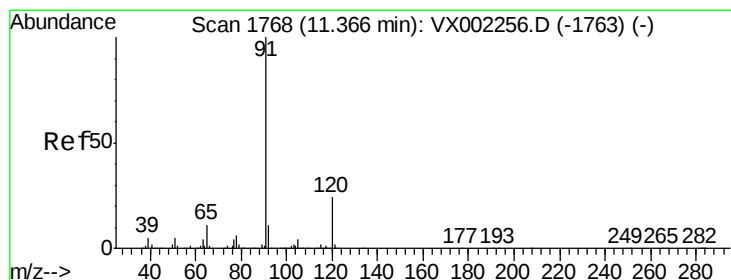
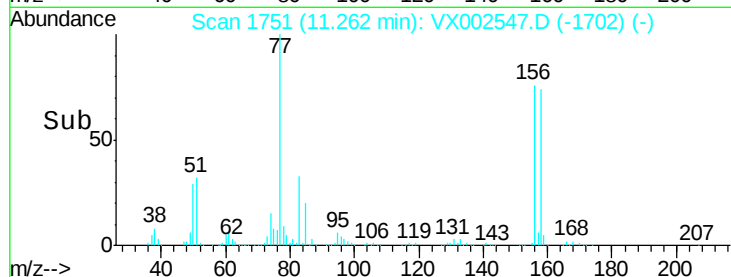
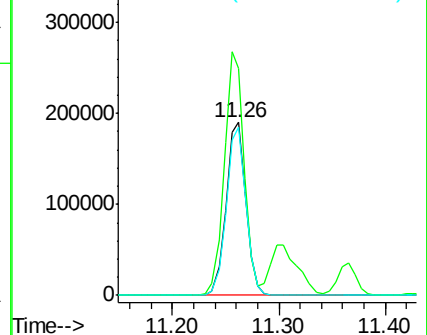
158 96.6 48.9 146.6



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: 51.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002547.D

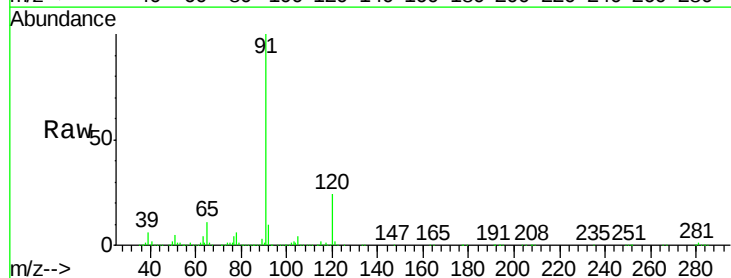
Acq: 14 Jun 2018 10:04

Tgt Ion: 91 Resp: 1049392

Ion Ratio Lower Upper

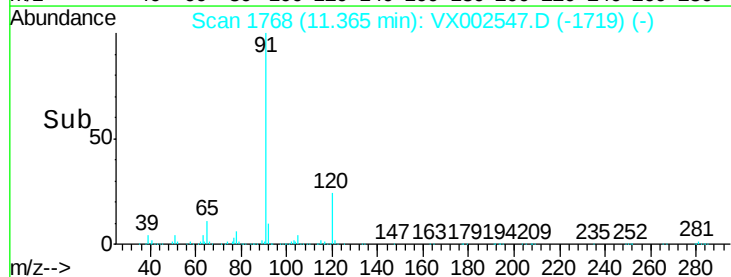
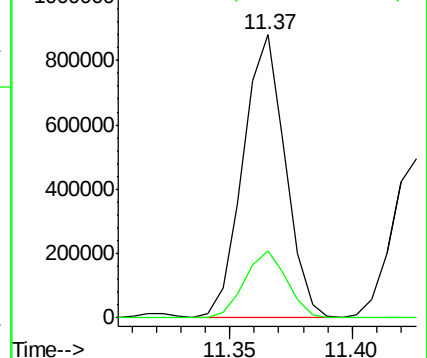
91 100

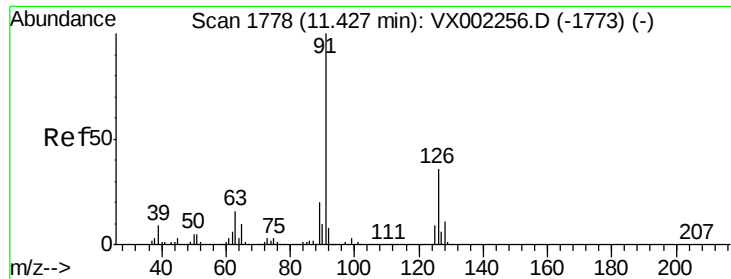
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.74 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

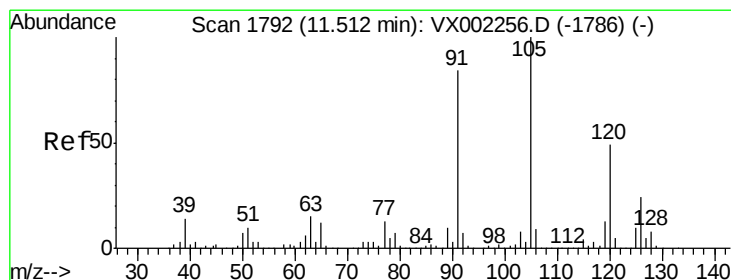
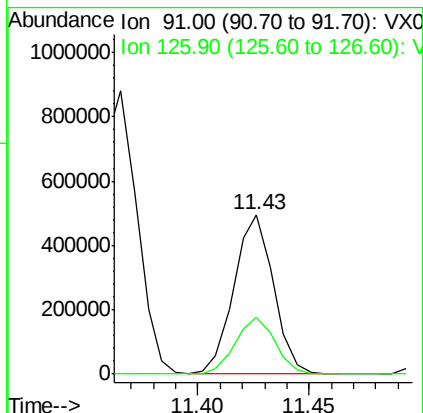
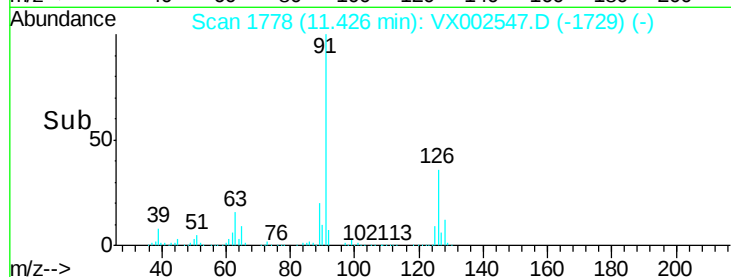
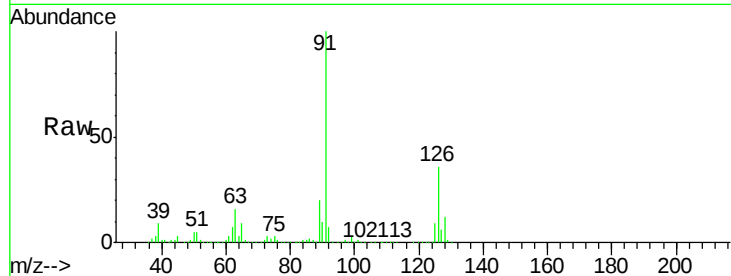
ClientSampled :

Tot Ion: 91 Resp: 609520

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 49.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002547.D

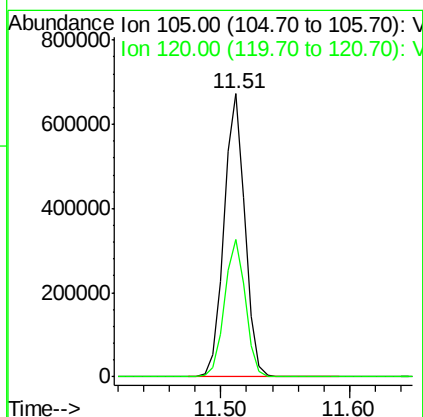
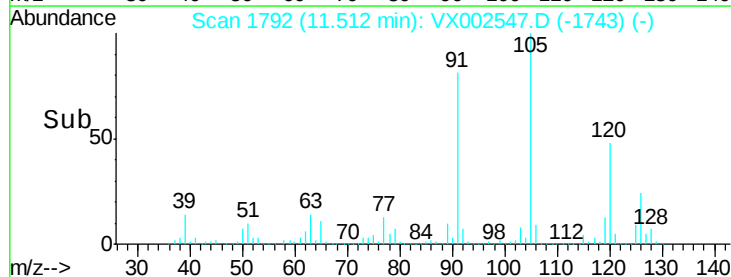
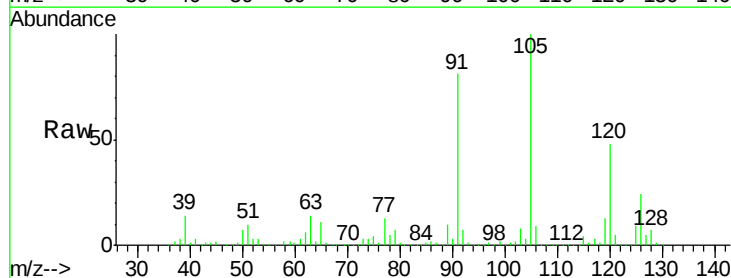
Acq: 14 Jun 2018 10:04

Tgt Ion: 105 Resp: 769354

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.42 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampled :

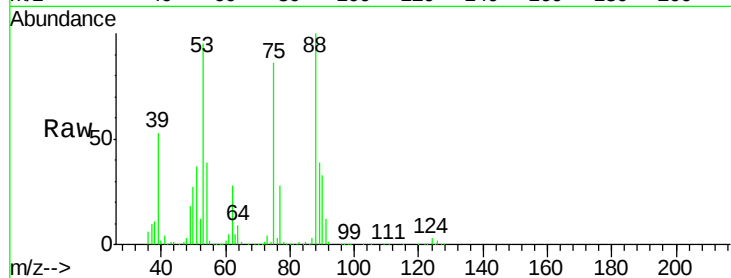
Tot Ion: 75 Resp: 74346

Ion Ratio Lower Upper

75 100

53 111.7 86.8 130.2

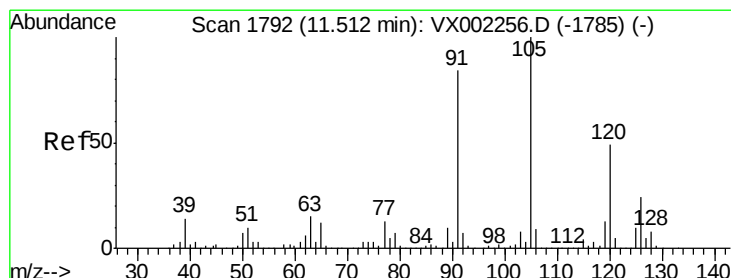
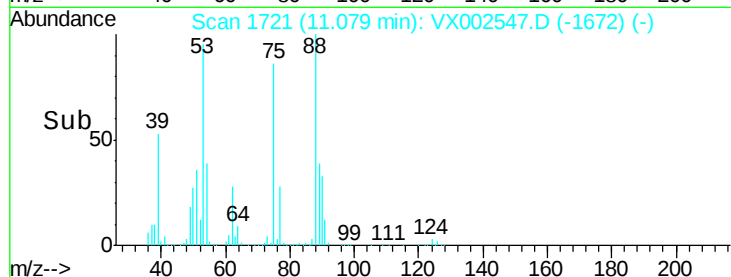
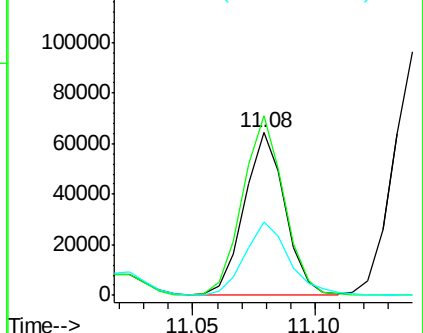
89 49.5 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.44 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002547.D

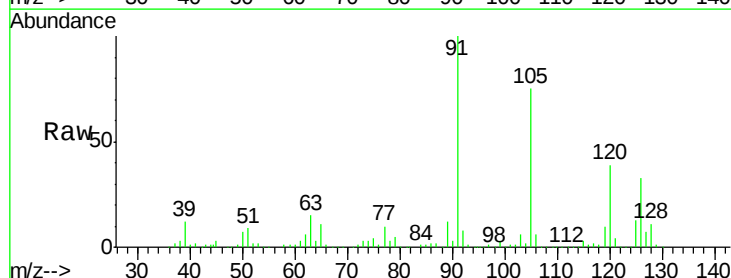
Acq: 14 Jun 2018 10:04

Tgt Ion: 91 Resp: 728634

Ion Ratio Lower Upper

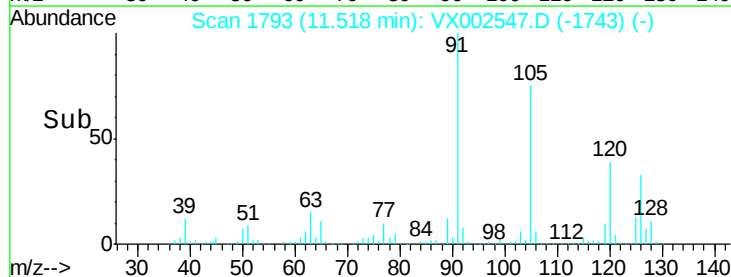
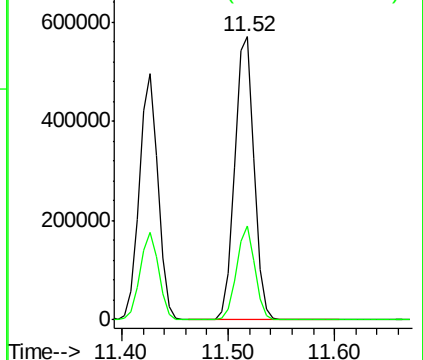
91 100

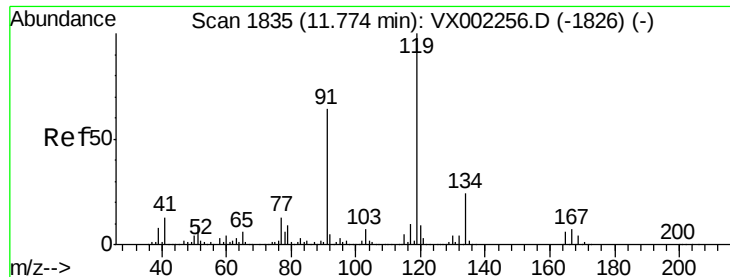
126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

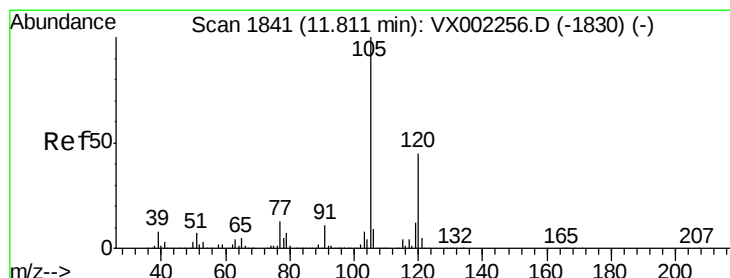
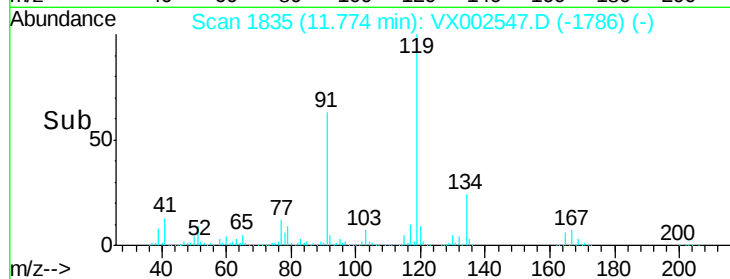
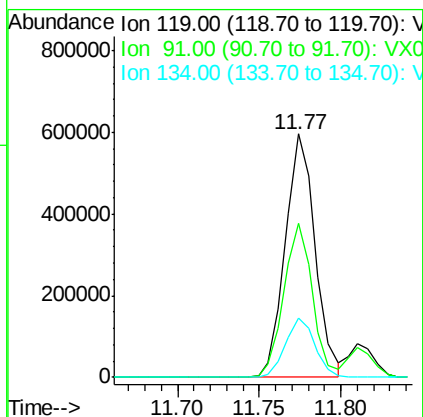
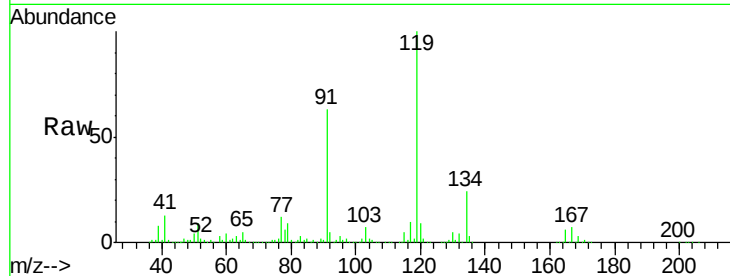




#83
 tert-Butylbenzene
 Concen: 49.78 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

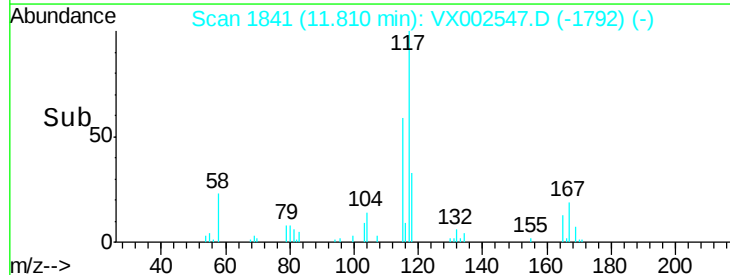
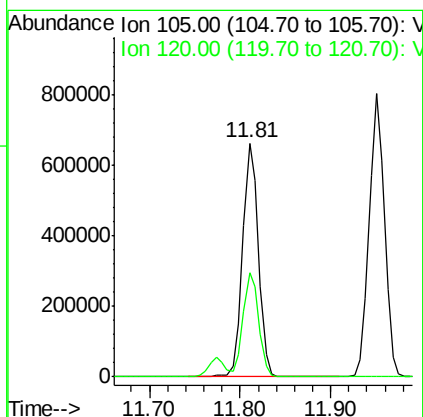
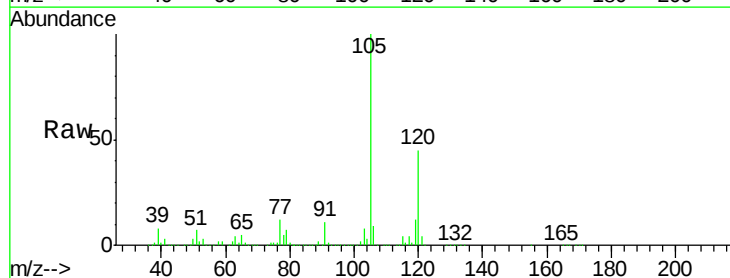
Instrument :
 MSVOA_X
 ClientSampleId :

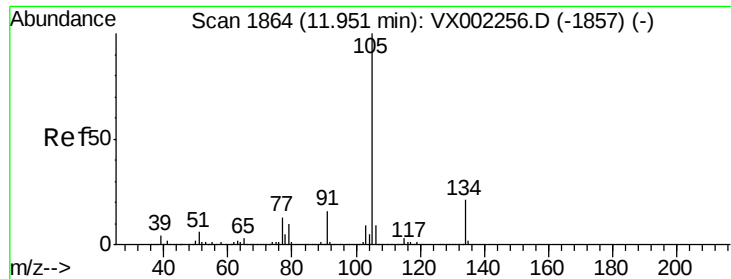
Tot Ion:119 Resp: 756364
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion:105 Resp: 795459
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

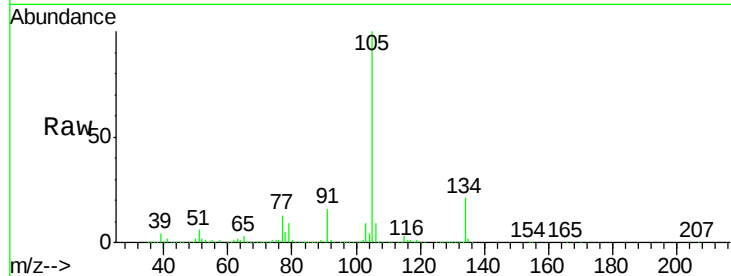
ClientSampled :

Tot Ion:105 Resp: 943408

Ion Ratio Lower Upper

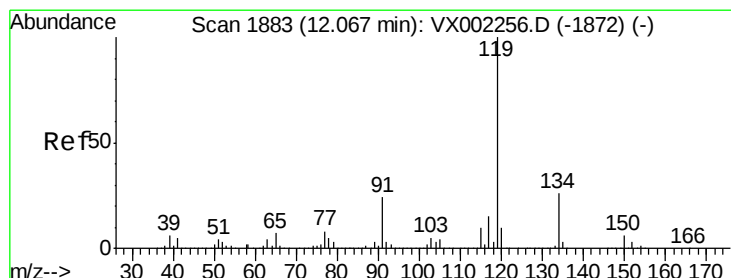
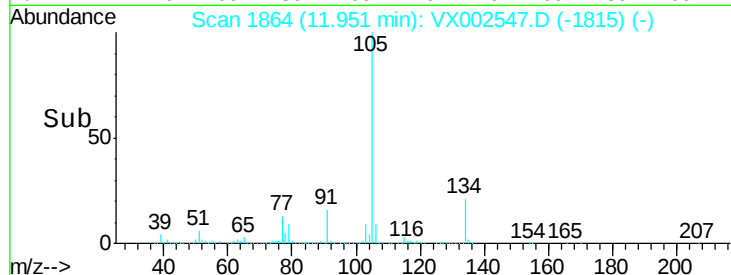
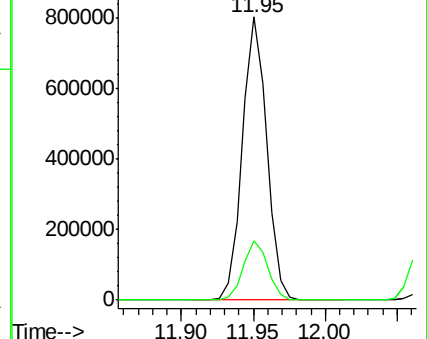
105 100

134 21.0 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: 53.15 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

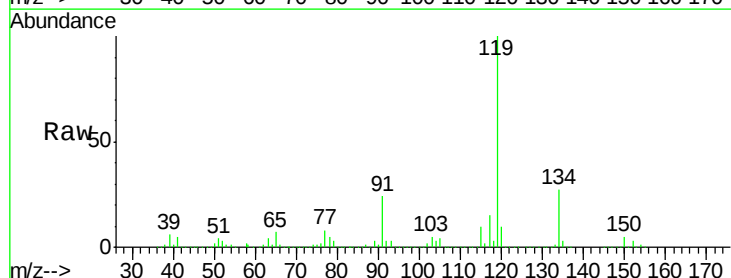
Tgt Ion:119 Resp: 862361

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

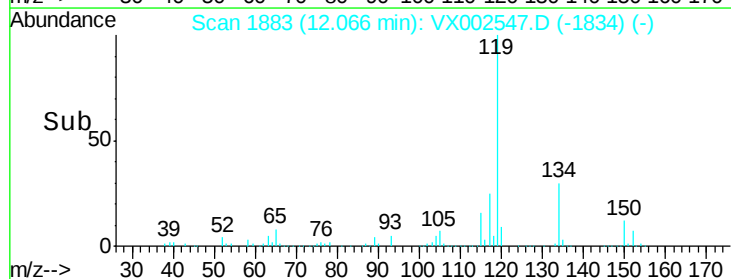
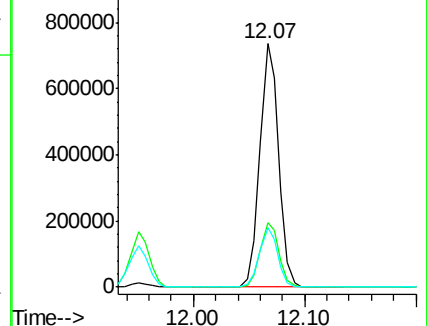
91 23.9 11.9 35.7

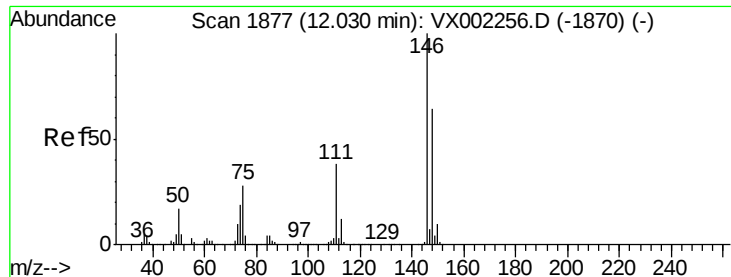


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.99 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

Instrument :

MSVOA_X

ClientSampled :

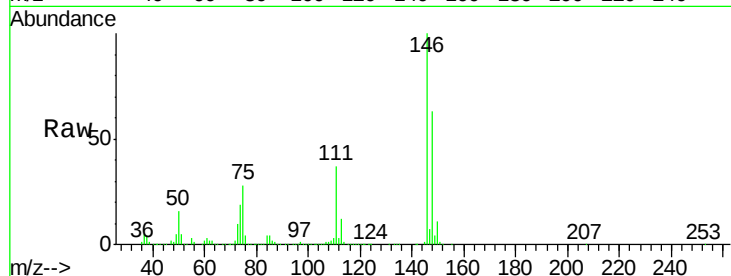
Tot Ion:146 Resp: 456505

Ion Ratio Lower Upper

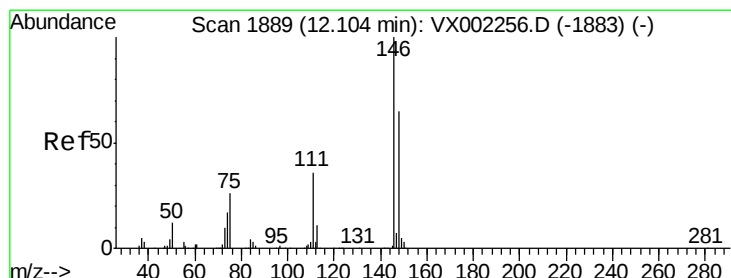
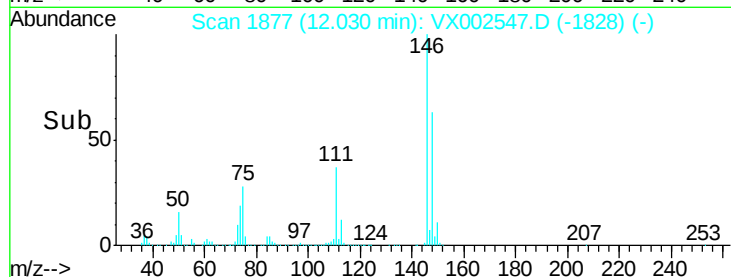
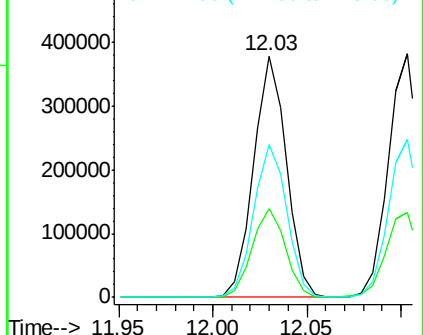
146 100

111 37.6 18.9 56.7

148 64.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 49.12 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002547.D

Acq: 14 Jun 2018 10:04

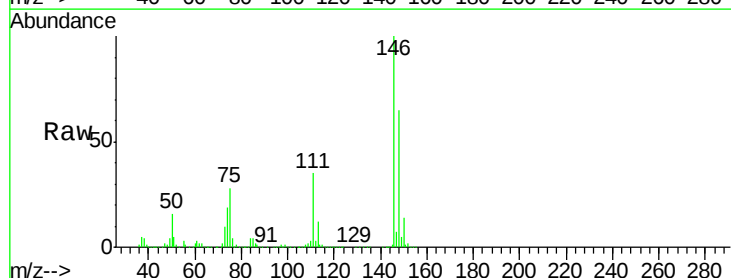
Tgt Ion:146 Resp: 462376

Ion Ratio Lower Upper

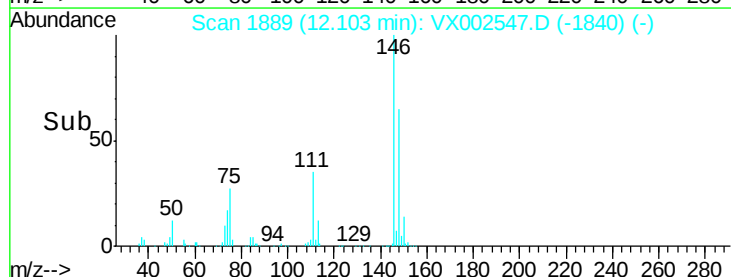
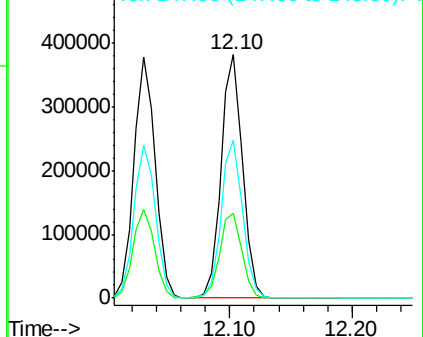
146 100

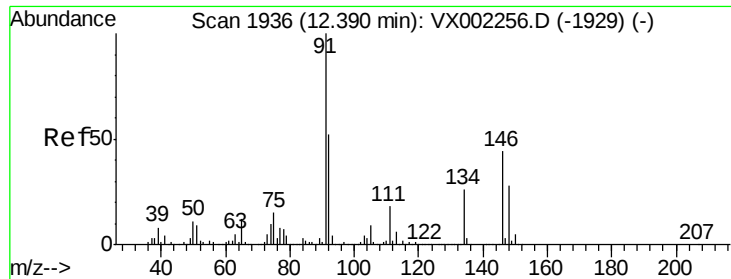
111 36.4 18.7 56.1

148 64.5 32.4 97.0



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

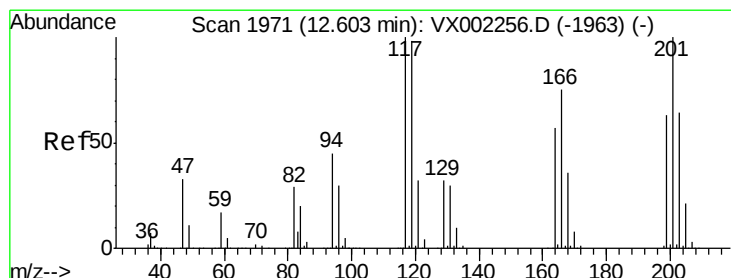
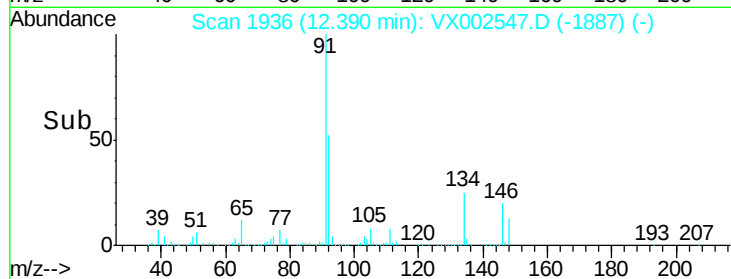
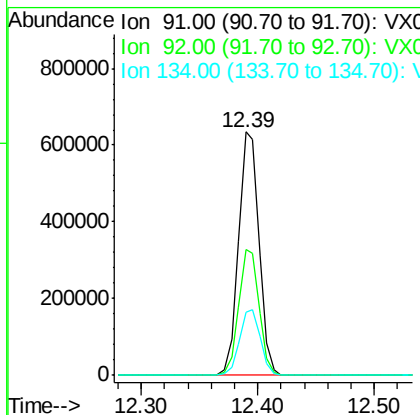
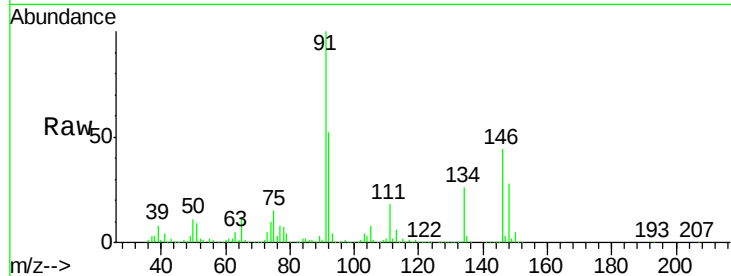




#89
n-Butylbenzene
Concen: 57.15 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

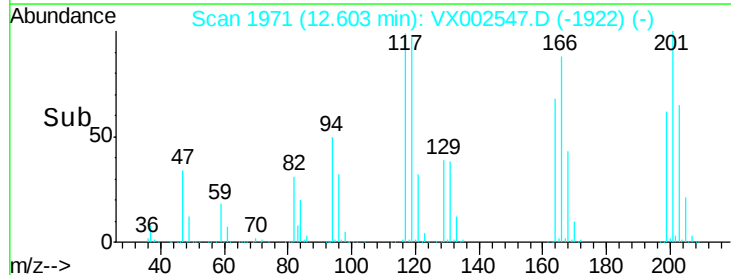
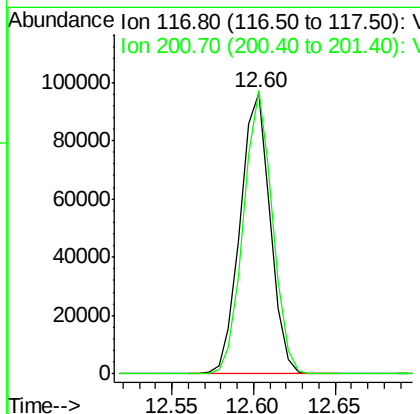
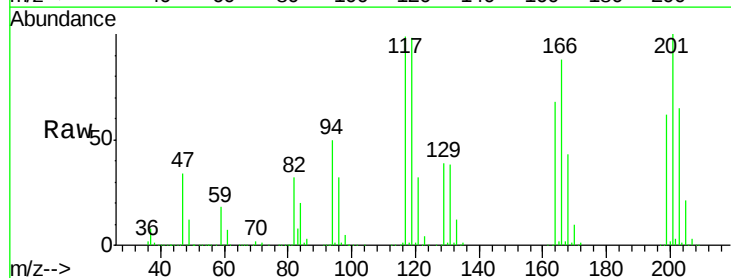
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 777602
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 27.2 13.5 40.5



#90
Hexachloroethane
Concen: 47.59 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion: 117 Resp: 123245
Ion Ratio Lower Upper
117 100
201 97.9 49.0 147.0

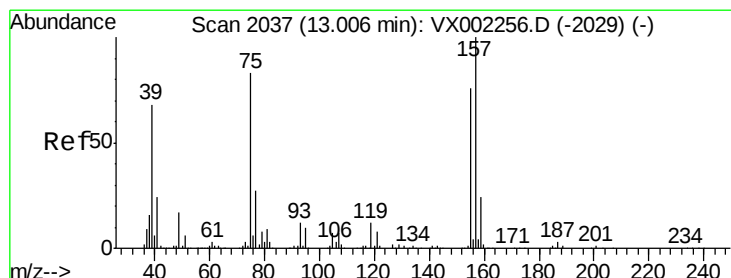
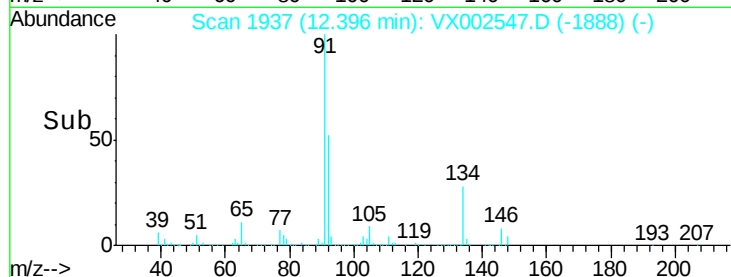
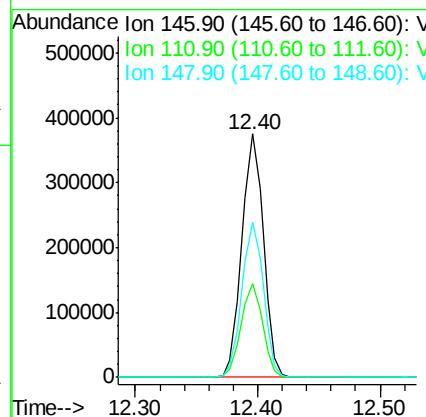
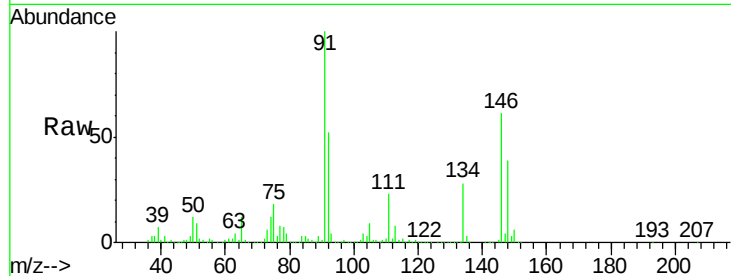




#91
 1,2-Dichlorobenzene
 Concen: 48.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

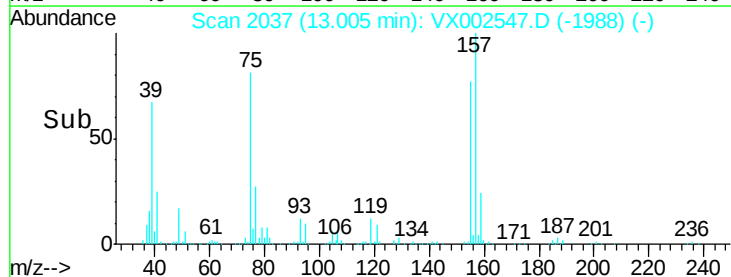
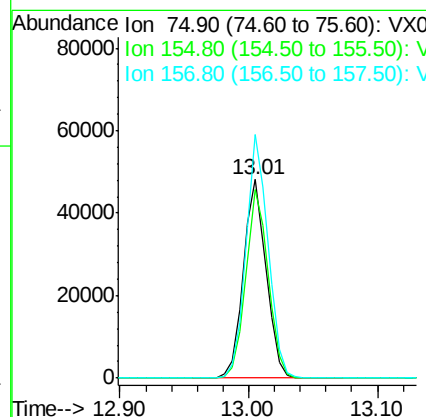
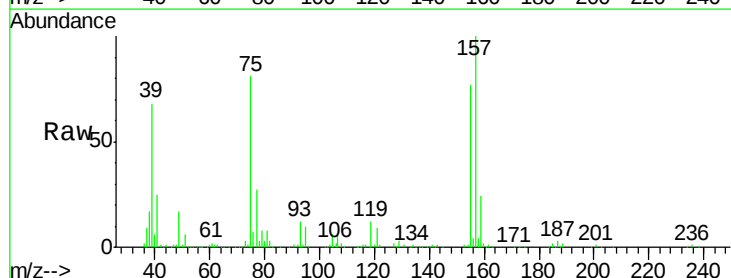
Instrument :
 MSVOA_X
 ClientSampled :

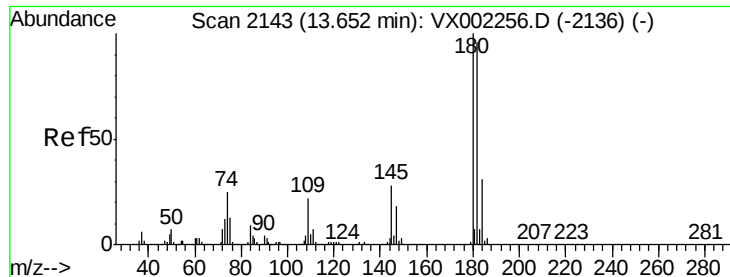
Tot Ion:146 Resp: 455905
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 63.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.88 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion: 75 Resp: 58651
 Ion Ratio Lower Upper
 75 100
 155 93.3 45.8 137.4
 157 118.9 60.1 180.3

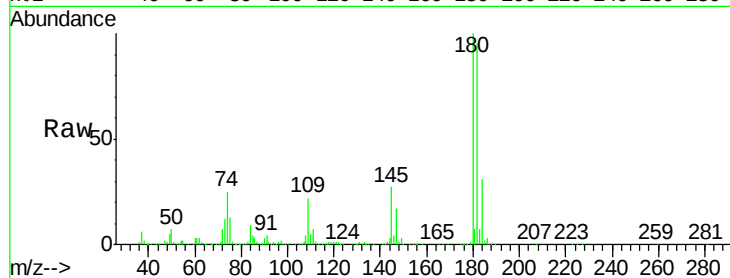




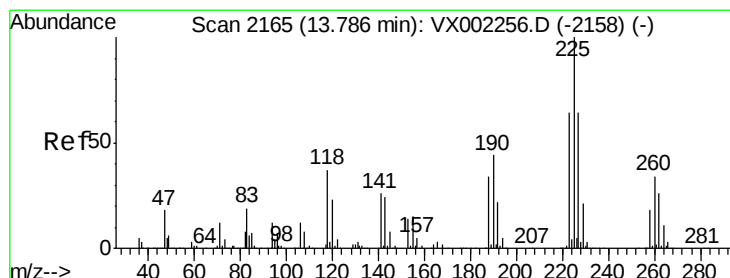
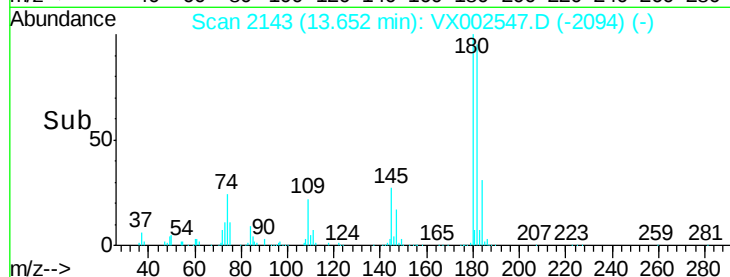
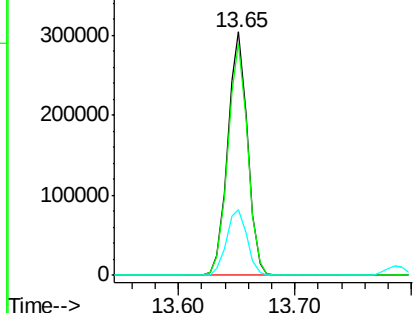
#93
 1,2,4-Trichlorobenzene
 Concen: 53.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 355429
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.2 14.1 42.4

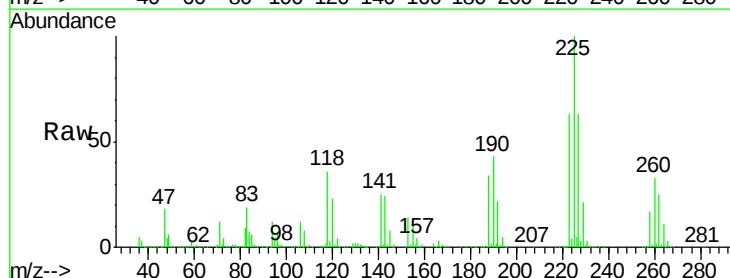


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

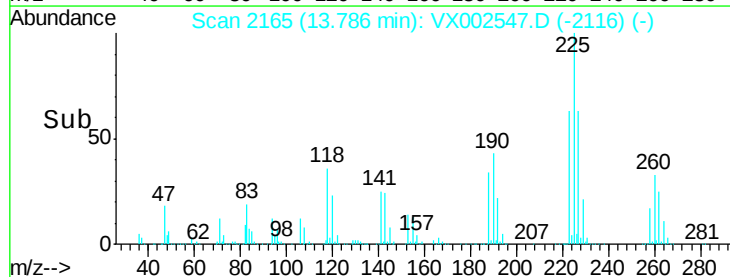
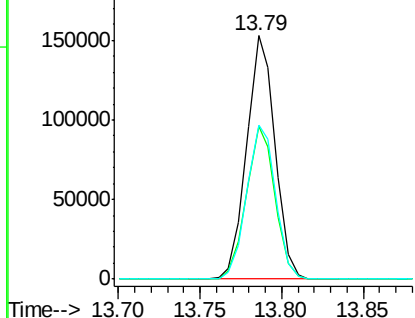


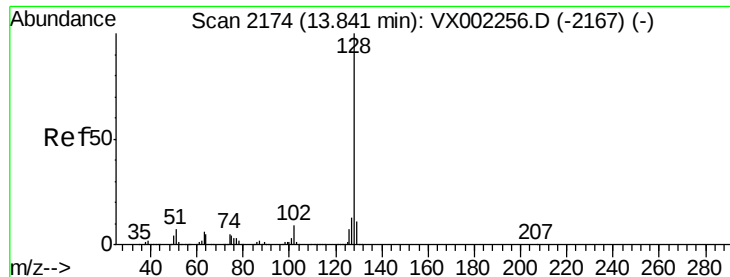
#94
 Hexachlorobutadiene
 Concen: 56.85 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002547.D
 Acq: 14 Jun 2018 10:04

Tgt Ion:225 Resp: 186115
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.3 32.4 97.2



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

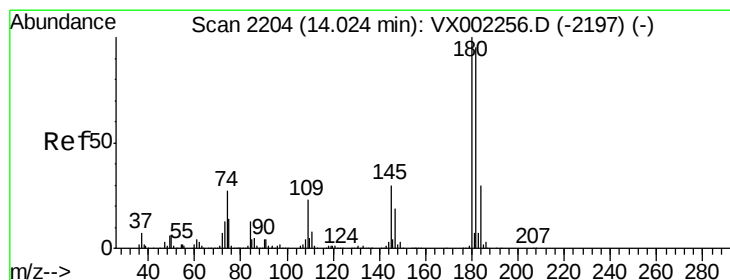
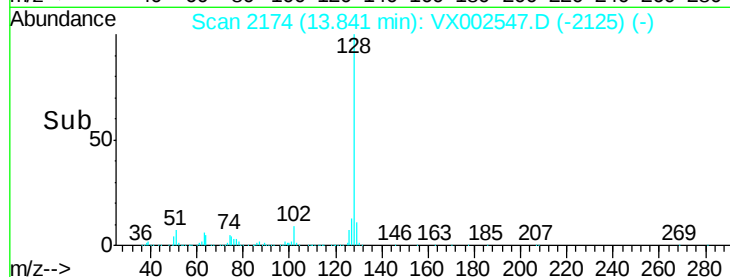
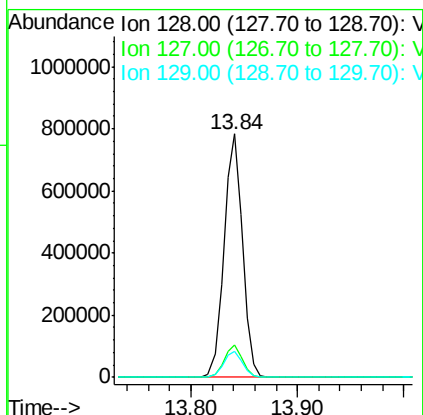
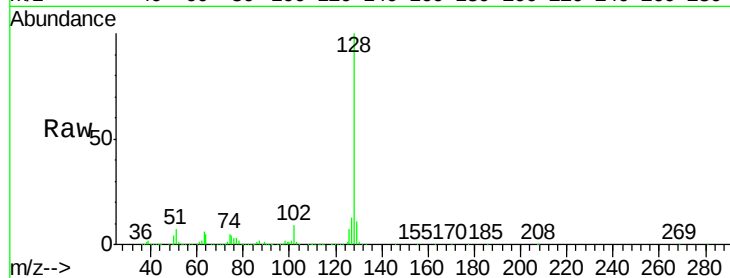




#95
Naphthalene
Concen: 49.72 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 946345
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.11 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002547.D
Acq: 14 Jun 2018 10:04

Tgt Ion:180 Resp: 352060
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 29.3 14.8 44.3

