

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002484.D
 Acq On : 12 Jun 2018 23:58
 Operator : JC/MD
 Sample : VX0612WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:29:35 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	202408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174119	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	137896	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.51	113	103623	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	
50) Toluene-d8	8.72	98	396294	43.92	ug/l	0.00
Spiked Amount			Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.14	95	145449	41.81	ug/l	0.00
Spiked Amount			Recovery	=	83.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39896	18.96	ug/l	100
3) Chloromethane	1.32	50	46785	17.54	ug/l	99
4) Vinyl Chloride	1.40	62	53530	20.19	ug/l	98
5) Bromomethane	1.64	94	31057	18.60	ug/l	98
6) Chloroethane	1.73	64	37175	21.67	ug/l	99
7) Trichlorofluoromethane	1.93	101	92017	22.77	ug/l	99
8) Diethyl Ether	2.19	74	32757	21.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51140	23.45	ug/l	99
10) Methyl Iodide	2.51	142	47146	15.37	ug/l	98
11) Tert butyl alcohol	3.07	59	72528	111.28	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45604	21.16	ug/l	97
13) Acrolein	2.29	56	23930	76.49	ug/l	97
14) Allyl chloride	2.73	41	90418	19.34	ug/l	99
15) Acrylonitrile	3.15	53	148843	115.62	ug/l	99
16) Acetone	2.45	43	143366	103.97	ug/l	99
17) Carbon Disulfide	2.57	76	96343	16.96	ug/l	98
18) Methyl Acetate	2.78	43	72220	23.47	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177472	22.33	ug/l	100
20) Methylene Chloride	2.86	84	53018	21.60	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48988	20.62	ug/l	95
22) Diisopropyl ether	3.88	45	158180	19.34	ug/l	97
23) Vinyl Acetate	3.83	43	668212	88.15	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97858	21.17	ug/l	98
25) 2-Butanone	4.71	43	184868	93.15	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50088	13.86	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	47851	18.52	ug/l	97
28) Bromochloromethane	5.03	49	41611	18.96	ug/l	99
29) Tetrahydrofuran	5.17	42	120561	94.22	ug/l	100
30) Chloroform	5.22	83	86577	19.41	ug/l	97
31) Cyclohexane	5.58	56	69348	18.98	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	72439	19.15	ug/l	99
36) 1,1-Dichloropropene	5.81	75	60151	19.12	ug/l	99
37) Ethyl Acetate	4.87	43	71939	19.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	63464	19.28	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:29:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69568	18.06	ug/l	94
40) Benzene	6.15	78	182495	18.91	ug/l	100
41) Methacrylonitrile	5.07	41	40281	18.59	ug/l	98
42) 1,2-Dichloroethane	6.20	62	74555	19.45	ug/l	99
43) Isopropyl Acetate	6.47	43	116962	18.20	ug/l	100
44) Trichloroethene	7.22	130	51245	19.14	ug/l	97
45) 1,2-Dichloropropane	7.52	63	49368	18.95	ug/l	99
46) Dibromomethane	7.67	93	33821	19.15	ug/l	96
47) Bromodichloromethane	7.90	83	58633	18.36	ug/l	98
48) Methyl methacrylate	7.78	41	59407	18.40	ug/l	97
49) 1,4-Dioxane	7.76	88	24136	399.81	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	389466	97.30	ug/l	100
52) Toluene	8.79	92	117490	19.15	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	65017	16.98	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	59593	16.49	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	49563	19.64	ug/l	97
56) Ethyl methacrylate	9.18	69	73197	18.17	ug/l	98
57) 1,3-Dichloropropane	9.38	76	81540	19.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	182829	98.03	ug/l	100
59) 2-Hexanone	9.50	43	300088	97.06	ug/l	100
60) Dibromochloromethane	9.59	129	45379	17.88	ug/l	100
61) 1,2-Dibromoethane	9.68	107	50498	19.19	ug/l	99
64) Tetrachloroethene	9.34	164	56411	19.11	ug/l	96
65) Chlorobenzene	10.14	112	137716	19.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47777	18.53	ug/l	99
67) Ethyl Benzene	10.26	91	231522	19.42	ug/l	98
68) m/p-Xylenes	10.36	106	177769	38.37	ug/l	100
69) o-Xylene	10.70	106	86711	18.81	ug/l	98
70) Styrene	10.71	104	142021	18.84	ug/l	98
71) Bromoform	10.86	173	33131	16.81	ug/l #	99
73) Isopropylbenzene	11.02	105	238930	19.73	ug/l	99
74) N-amyl acetate	6.47	43	116962	17.92	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74772	19.63	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	79796	20.89	ug/l	81
77) Bromobenzene	11.26	156	64471	18.96	ug/l	100
78) n-propylbenzene	11.37	91	271207	20.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	161170	18.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	198601	19.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14787	13.57	ug/l #	81
82) 4-Chlorotoluene	11.51	91	187588	19.12	ug/l	99
83) tert-Butylbenzene	11.77	119	195952	19.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	205726	19.24	ug/l	99
85) sec-Butylbenzene	11.95	105	244967	20.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	213106	19.73	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	117555	19.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118823	18.96	ug/l	100
89) n-Butylbenzene	12.39	91	183628	20.27	ug/l	100
90) Hexachloroethane	12.60	117	29746	17.25	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	121870	19.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14971	17.97	ug/l	97

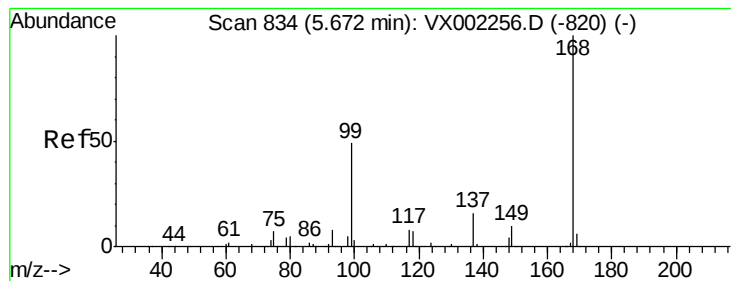
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82426	18.69	ug/l	98
94) Hexachlorobutadiene	13.79	225	45190	20.73	ug/l	98
95) Naphthalene	13.84	128	241893	19.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	86282	19.18	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

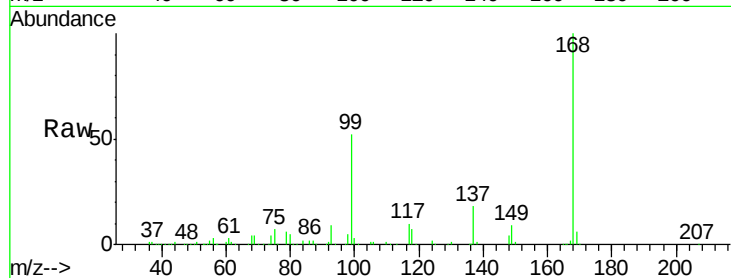
ClientSampled :

Tot Ion:168 Resp: 202408

Ion Ratio Lower Upper

168 100

99 51.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

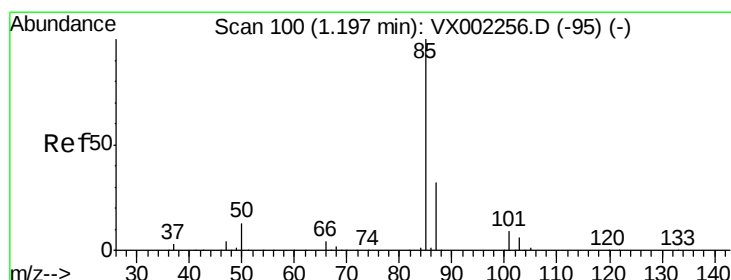
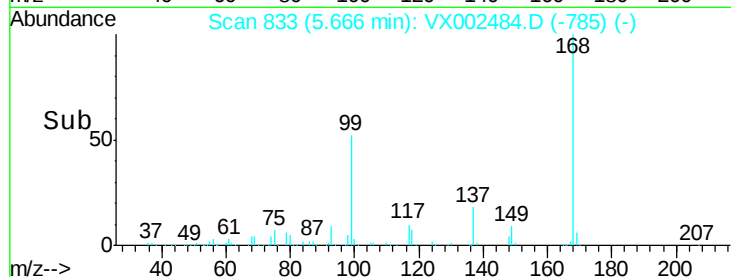
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002484.D

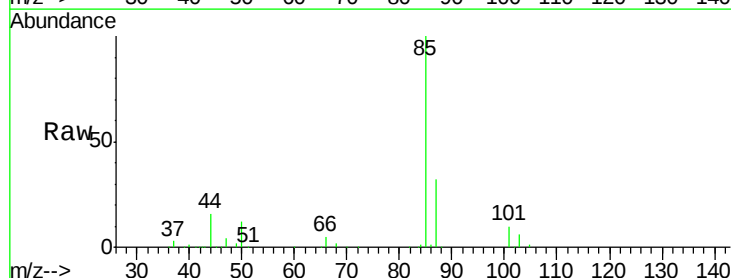
Acq: 12 Jun 2018 23:58

Tgt Ion: 85 Resp: 39896

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

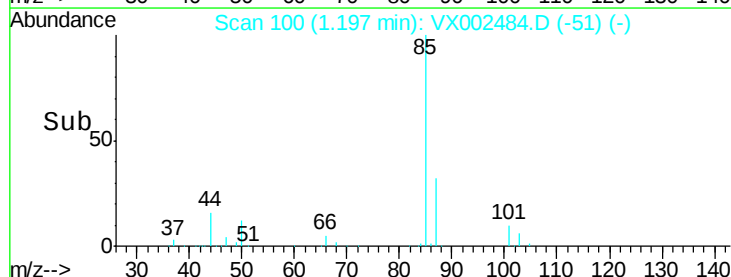
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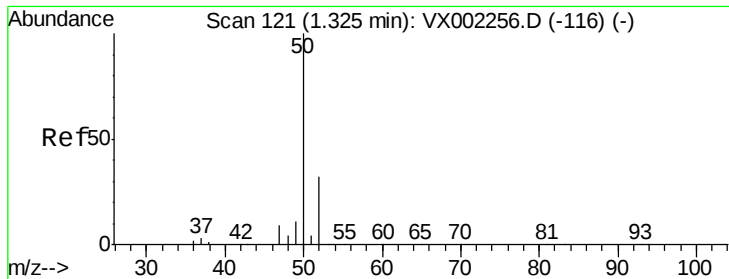
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.54 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

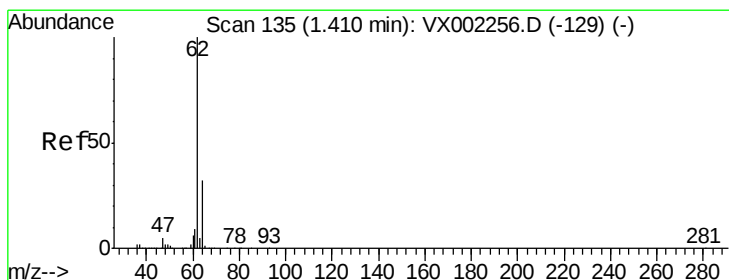
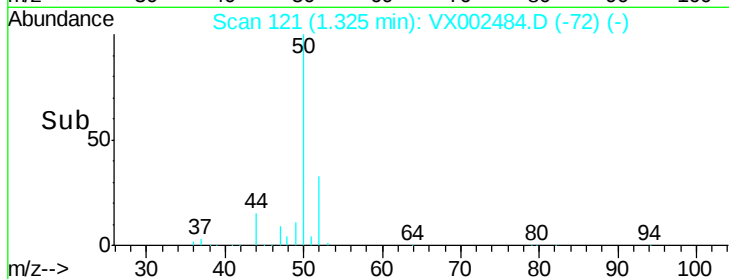
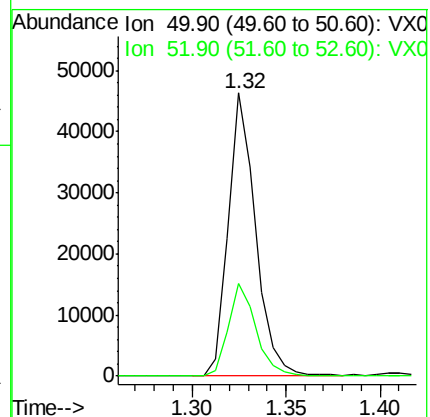
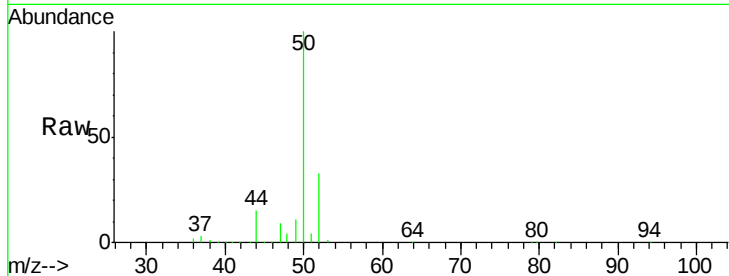
ClientSampled :

Tot Ion: 50 Resp: 46785

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 20.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002484.D

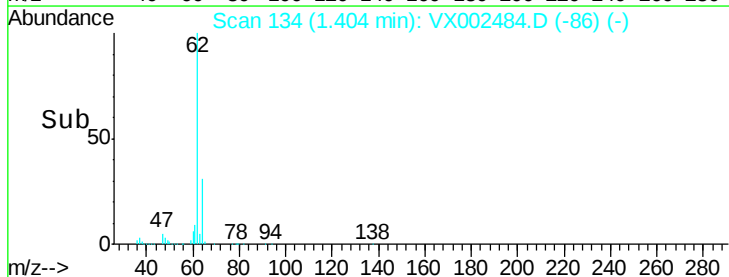
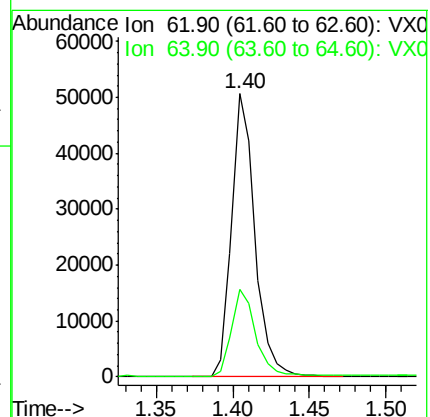
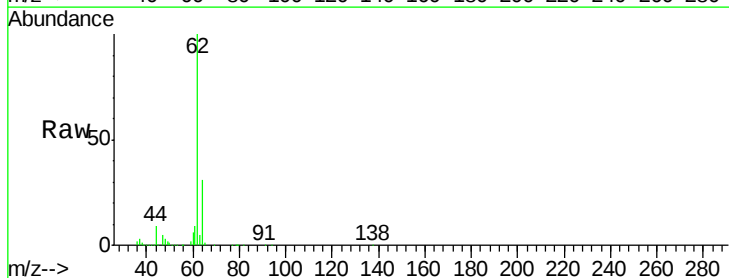
Acq: 12 Jun 2018 23:58

Tgt Ion: 62 Resp: 53530

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 18.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

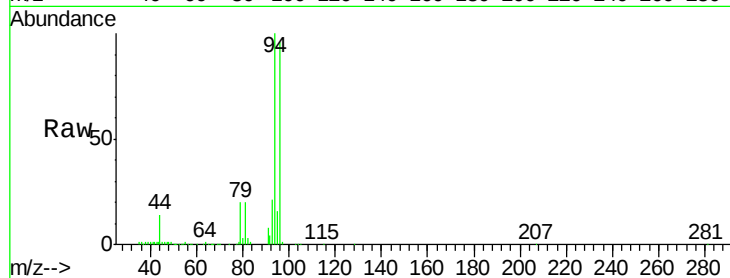
ClientSampled :

Tot Ion: 94 Resp: 31057

Ion Ratio Lower Upper

94 100

96 96.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

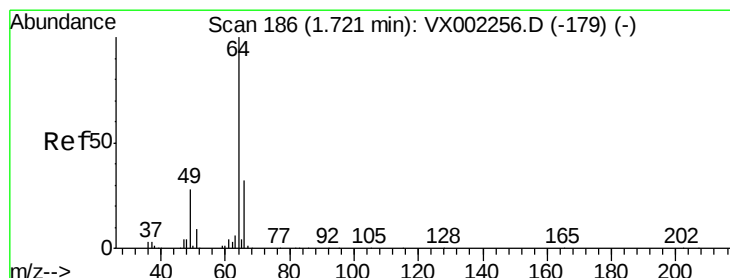
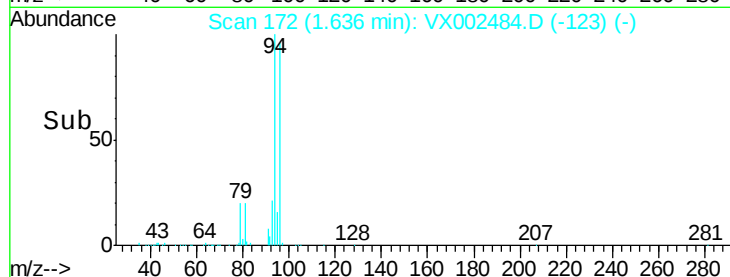
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 21.67 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002484.D

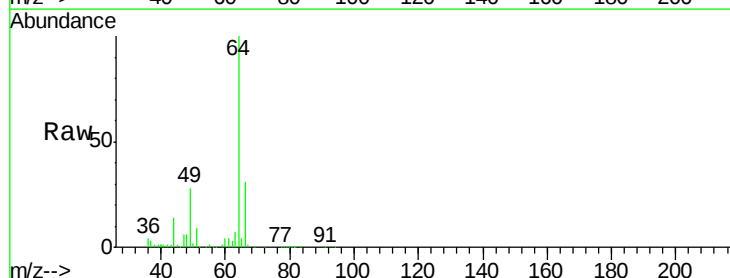
Acq: 12 Jun 2018 23:58

Tgt Ion: 64 Resp: 37175

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

1.73

25000

20000

15000

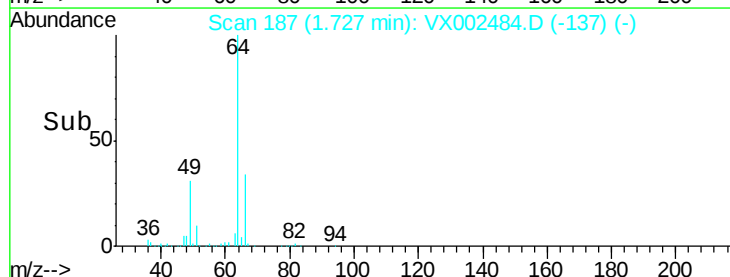
10000

5000

0

Time-->

1.60 1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 22.77 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

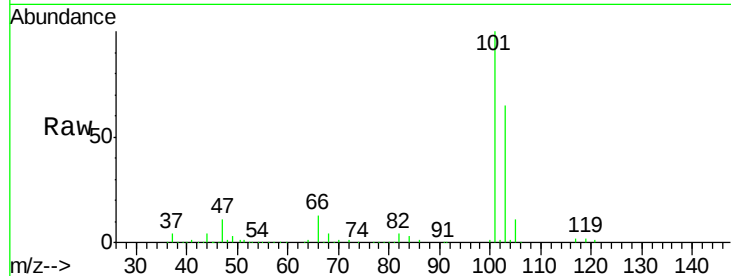
ClientSampleId :

Tot Ion:101 Resp: 92017

Ion Ratio Lower Upper

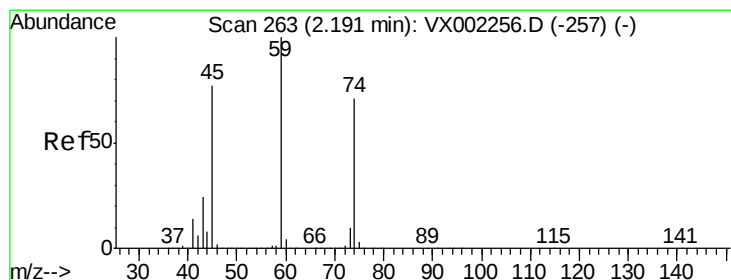
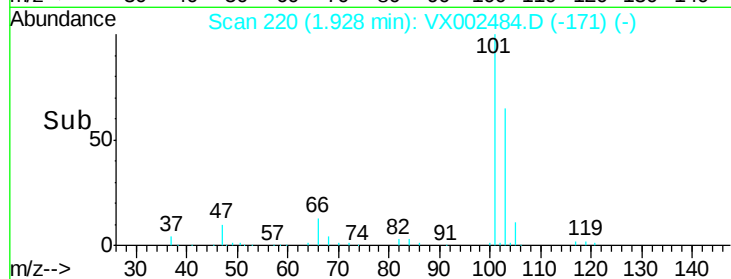
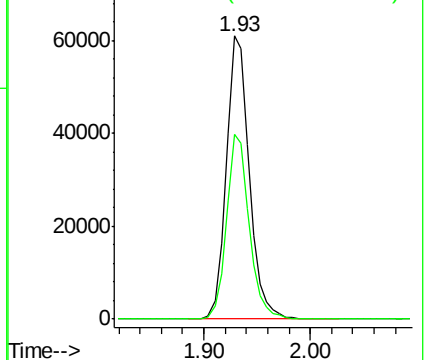
101 100

103 65.4 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.45 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002484.D

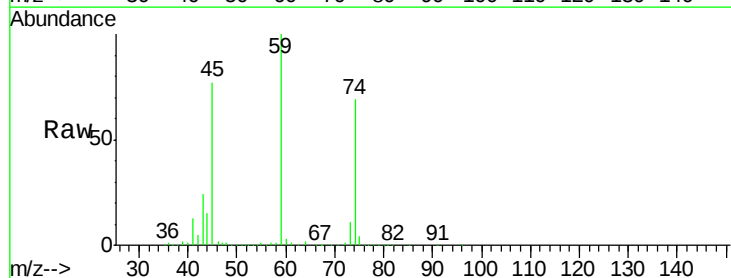
Acq: 12 Jun 2018 23:58

Tgt Ion: 74 Resp: 32757

Ion Ratio Lower Upper

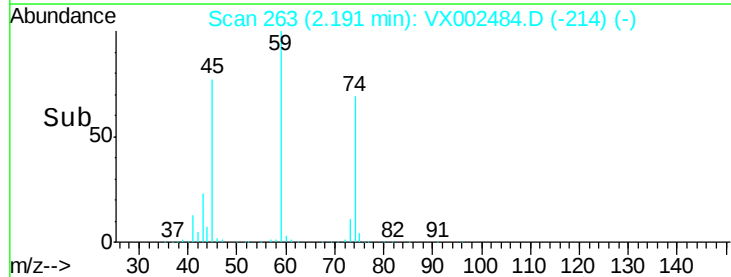
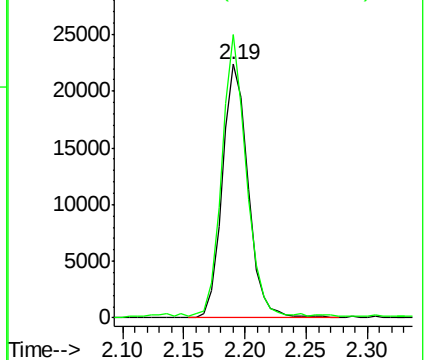
74 100

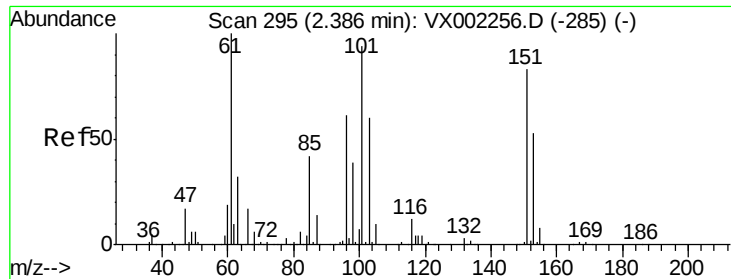
45 104.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampled :

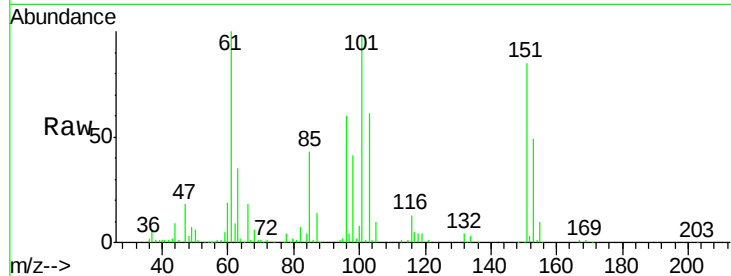
Tot Ion:101 Resp: 51140

Ion Ratio Lower Upper

101 100

85 47.0 36.0 54.0

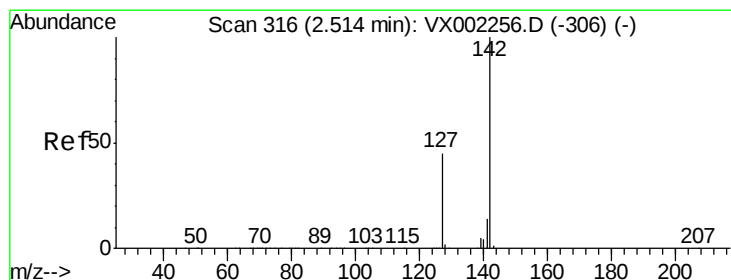
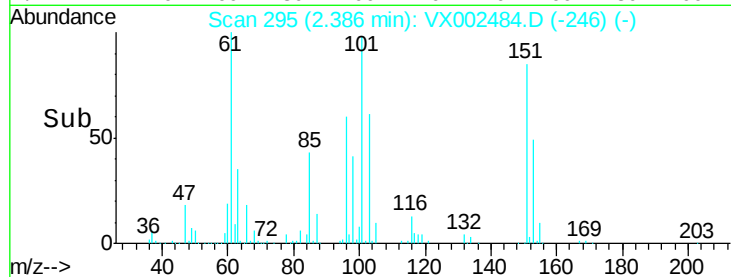
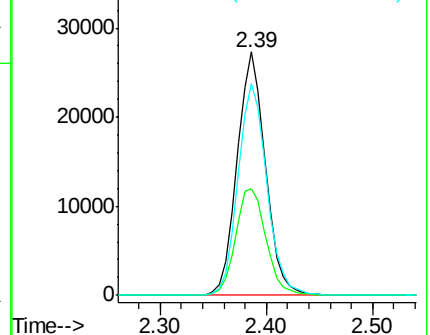
151 88.9 70.9 106.3



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: 15.37 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

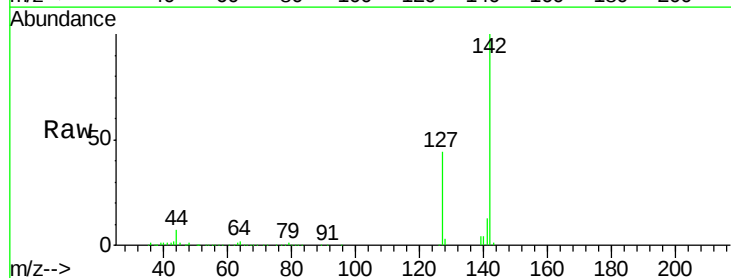
Tgt Ion:142 Resp: 47146

Ion Ratio Lower Upper

142 100

127 47.4 36.6 55.0

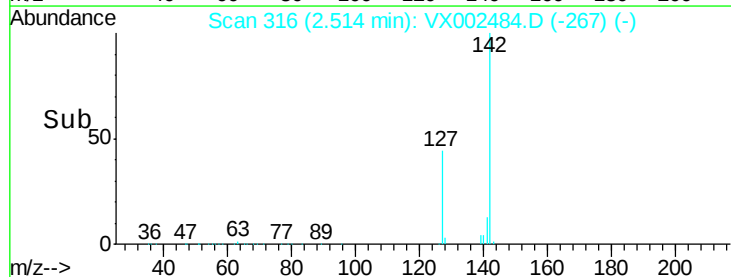
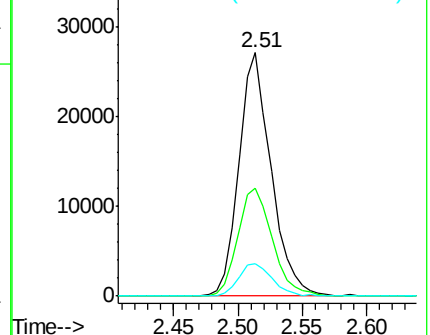
141 14.0 11.3 16.9

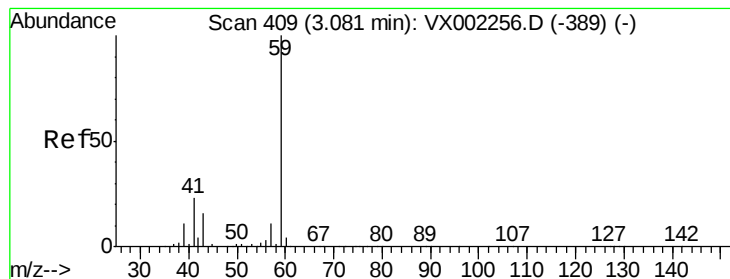


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 111.28 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

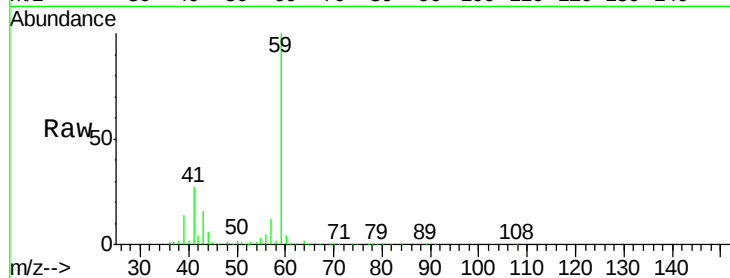
ClientSampleId :

Tot Ion: 59 Resp: 72528

Ion Ratio Lower Upper

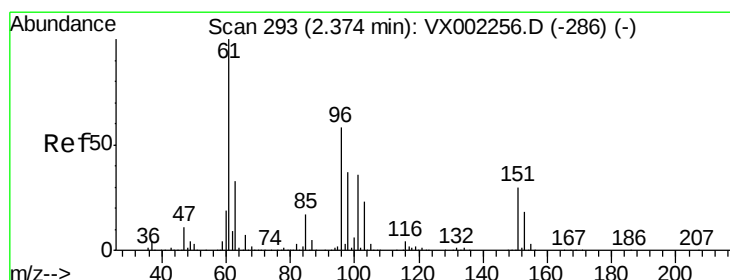
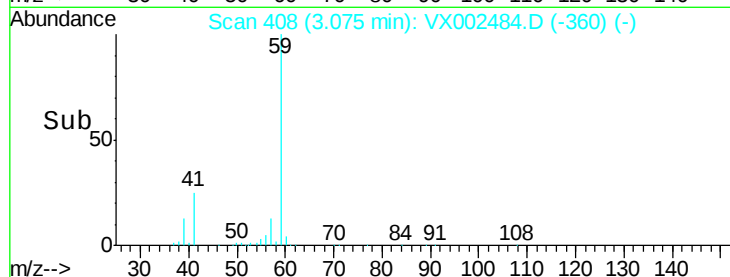
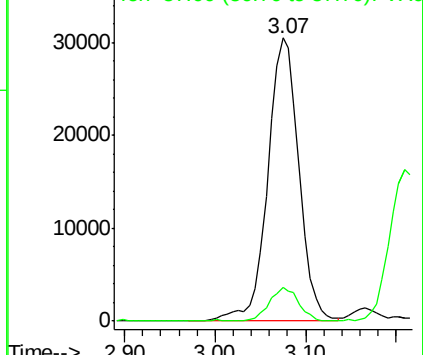
59 100

57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 21.16 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

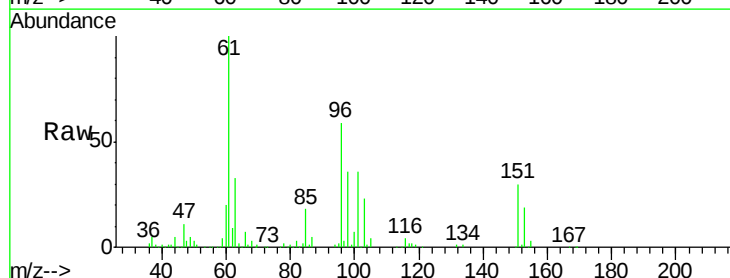
Tgt Ion: 96 Resp: 45604

Ion Ratio Lower Upper

96 100

61 168.4 137.9 206.9

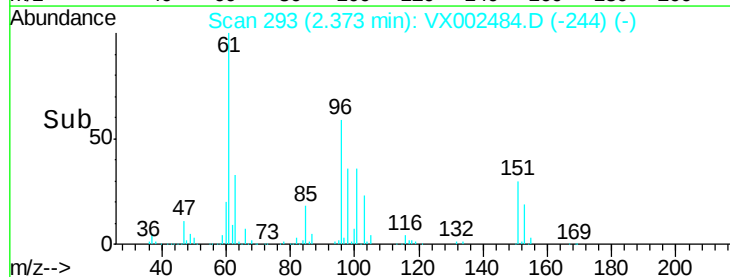
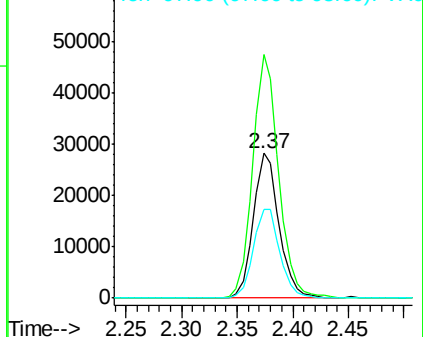
98 61.3 51.6 77.4

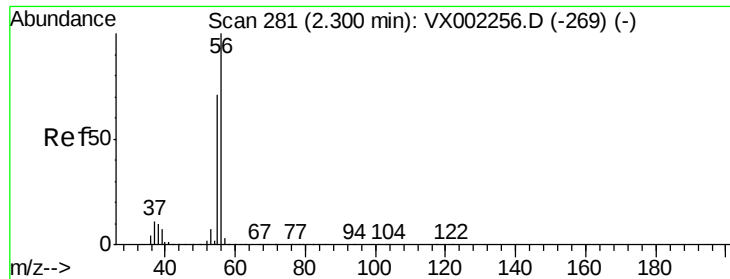


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 76.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

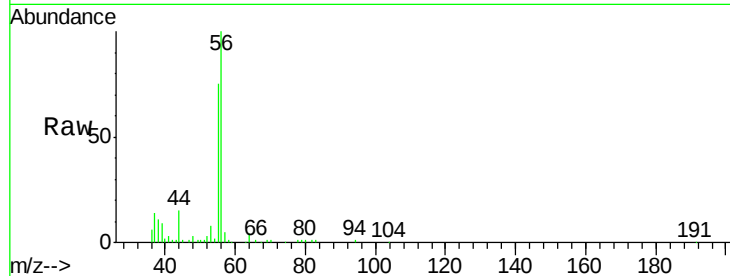
ClientSampleId :

Tot Ion: 56 Resp: 23930

Ion Ratio Lower Upper

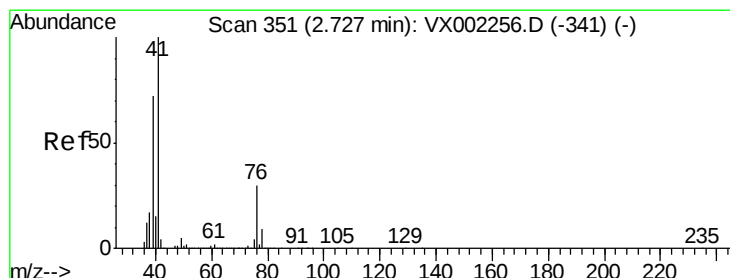
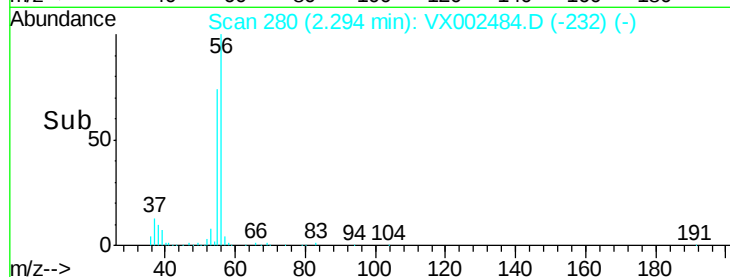
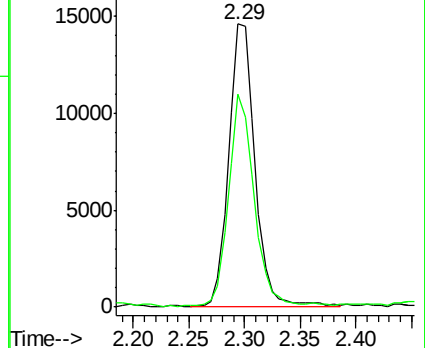
56 100

55 73.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.34 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

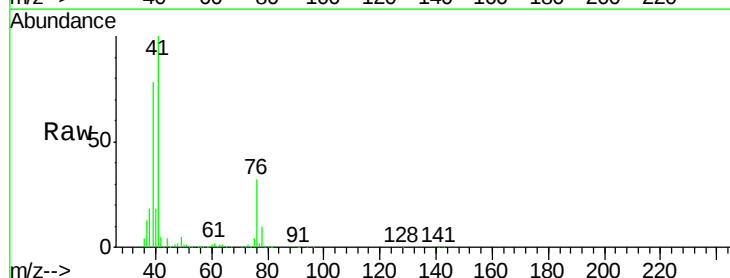
Tgt Ion: 41 Resp: 90418

Ion Ratio Lower Upper

41 100

39 71.3 56.8 85.2

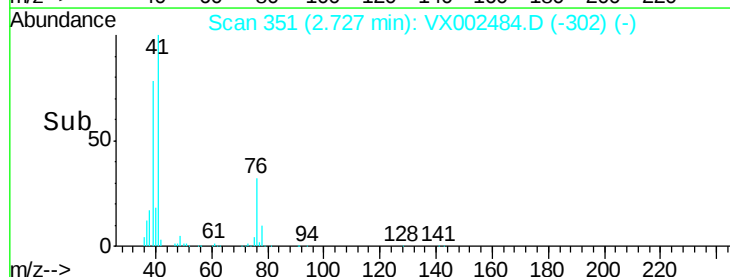
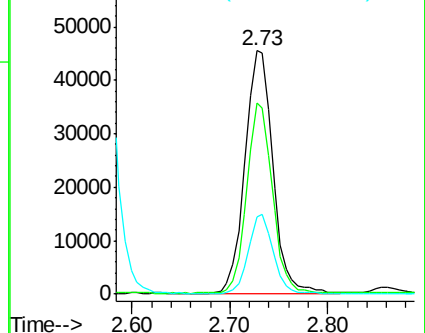
76 29.3 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

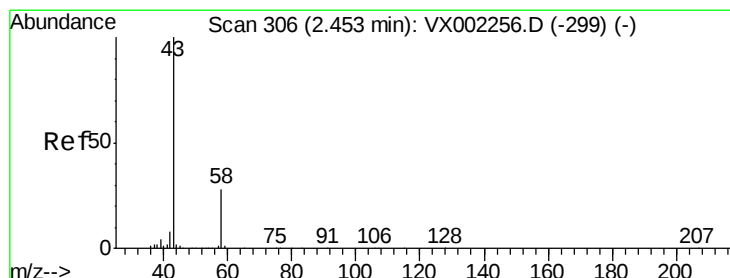
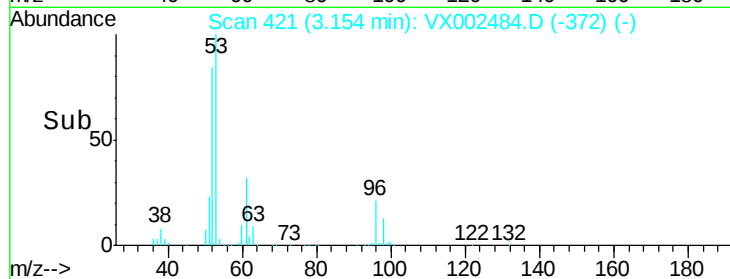
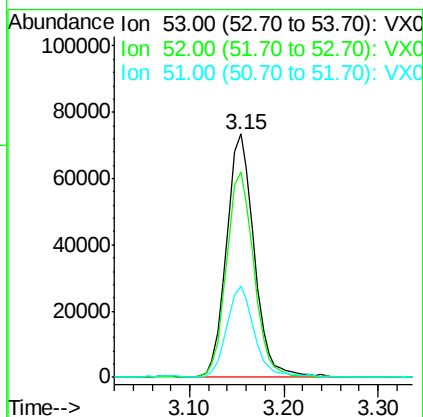
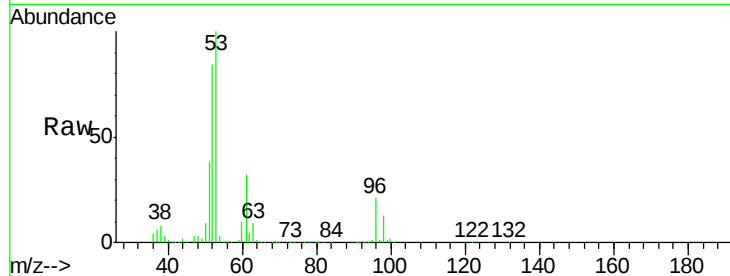




#15
 Acrylonitrile
 Concen: 115.62 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

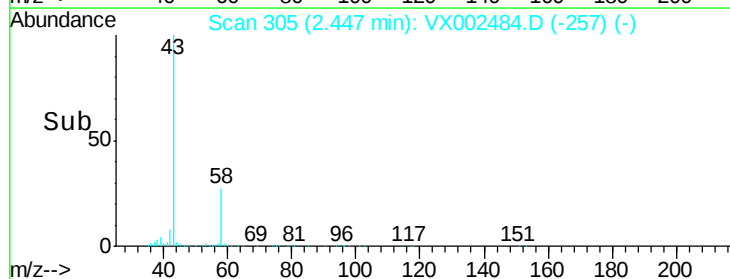
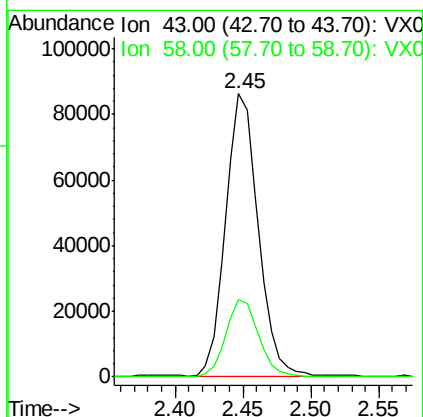
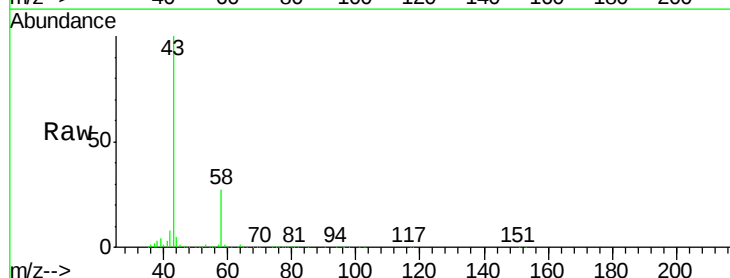
Instrument :
 MSVOA_X
 ClientSampleId :

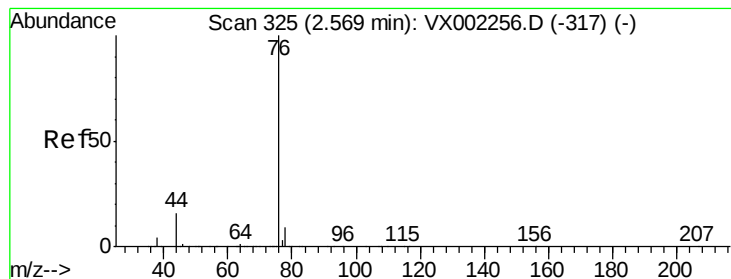
Tot Ion: 53 Resp: 148843
 Ion Ratio Lower Upper
 53 100
 52 84.0 66.7 100.1
 51 37.7 29.9 44.9



#16
 Acetone
 Concen: 103.97 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Tgt Ion: 43 Resp: 143366
 Ion Ratio Lower Upper
 43 100
 58 27.1 22.1 33.1





#17

Carbon Disulfide

Concen: 16.96 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

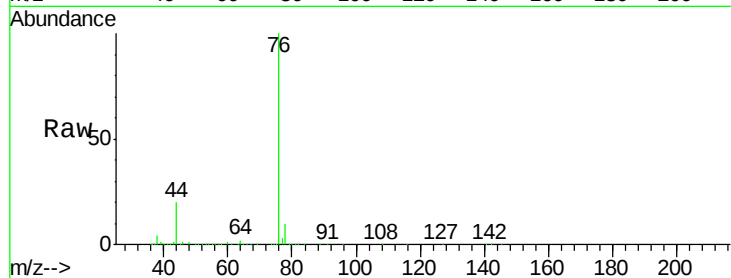
ClientSampleId :

Tot Ion: 76 Resp: 96343

Ion Ratio Lower Upper

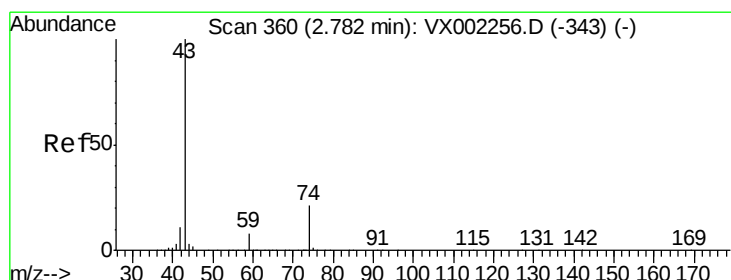
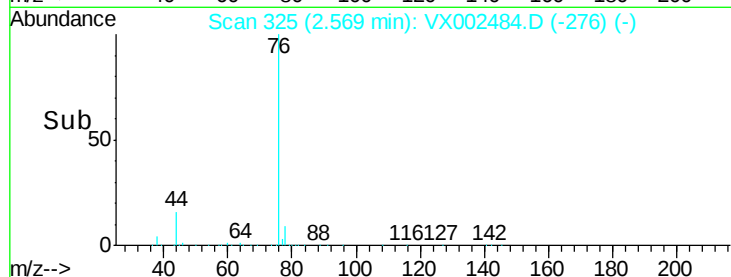
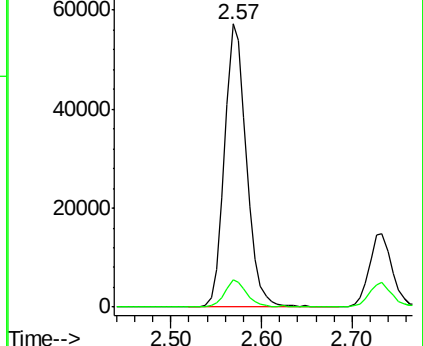
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.47 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002484.D

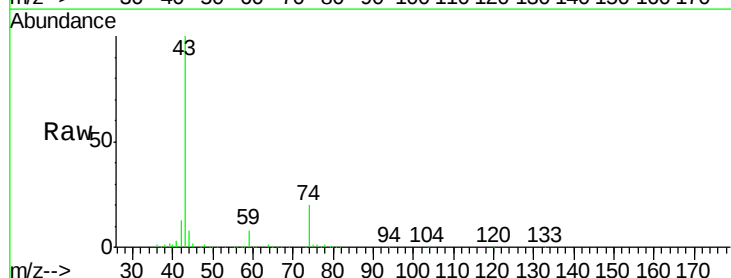
Acq: 12 Jun 2018 23:58

Tgt Ion: 43 Resp: 72220

Ion Ratio Lower Upper

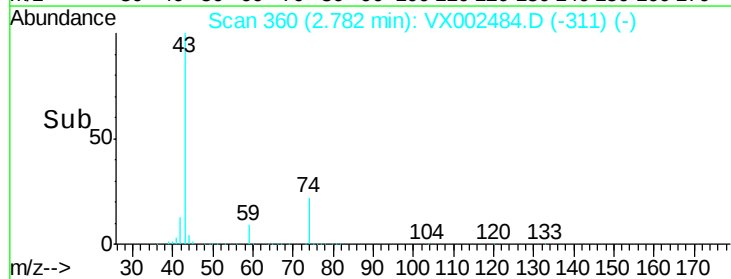
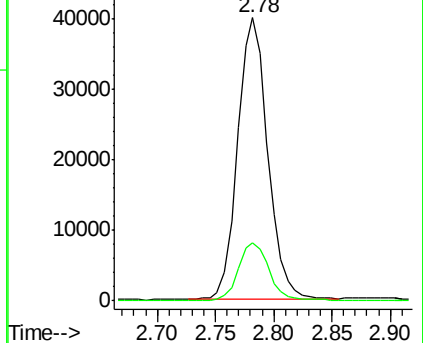
43 100

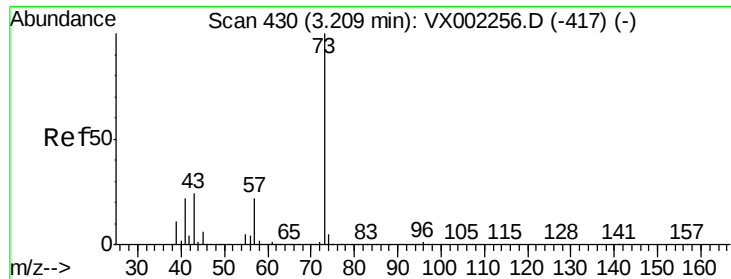
74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



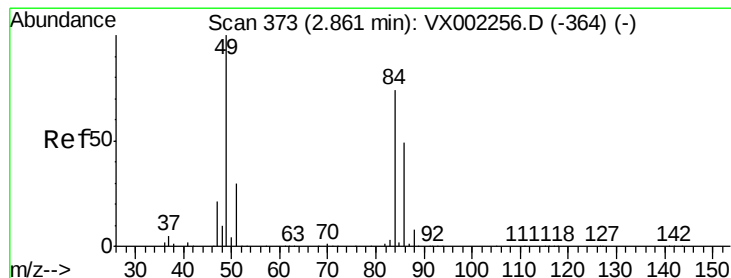
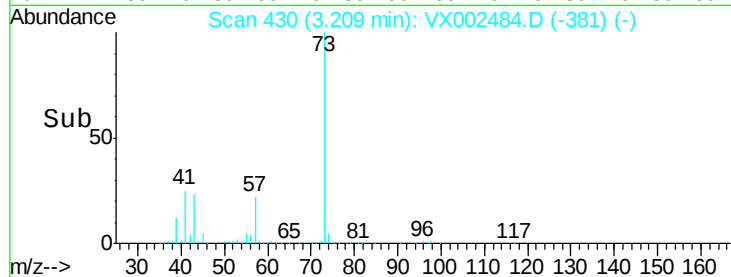
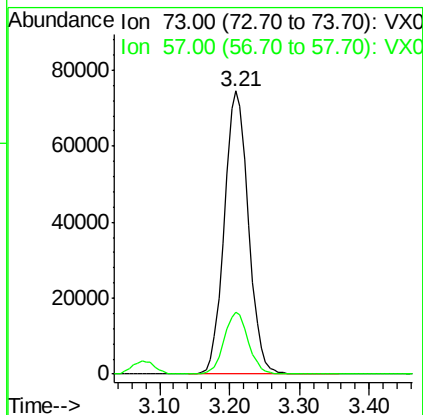
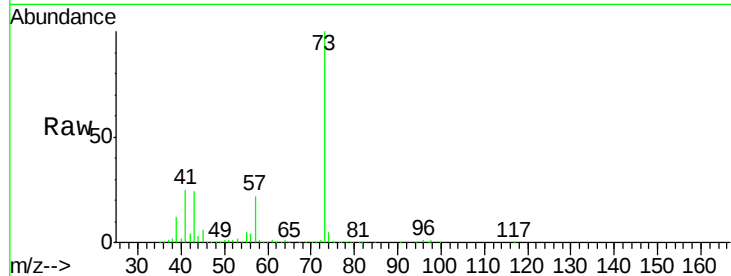


#19

Methyl tert-butyl Ether
 Concen: 22.33 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Instrument :
 MSVOA_X
 ClientSampled :

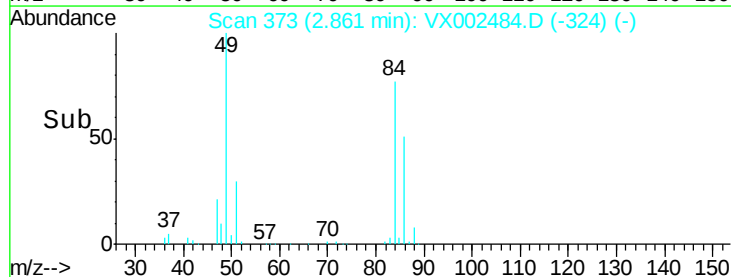
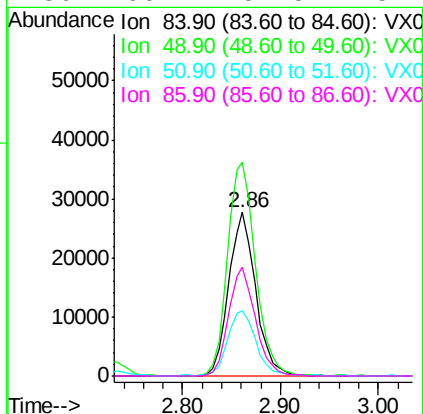
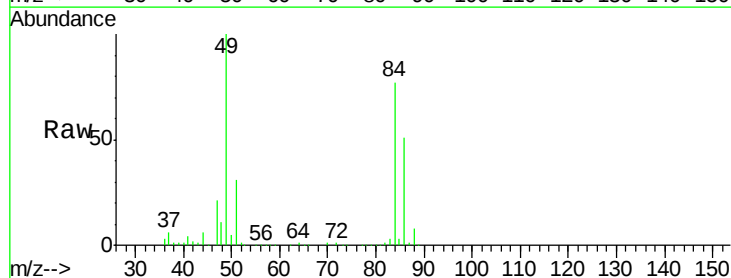
Tot Ion: 73 Resp: 177472
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.7 26.5

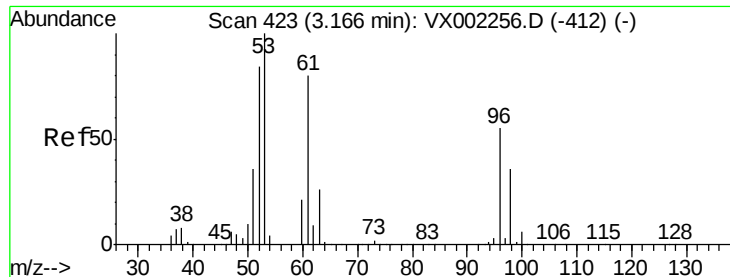


#20

Methylene Chloride
 Concen: 21.60 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Tgt Ion: 84 Resp: 53018
 Ion Ratio Lower Upper
 84 100
 49 130.3 107.8 161.6
 51 39.7 32.8 49.2
 86 66.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :
MSVOA_X
ClientSampleId :

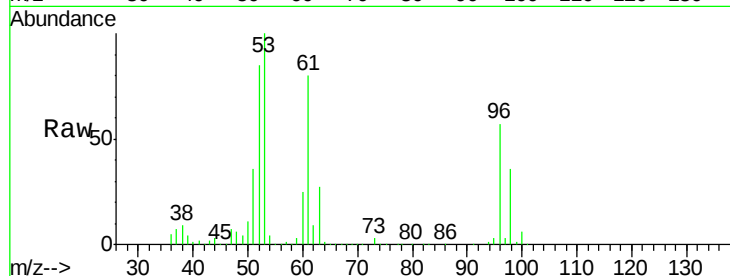
Tot Ion: 96 Resp: 48988

Ion Ratio Lower Upper

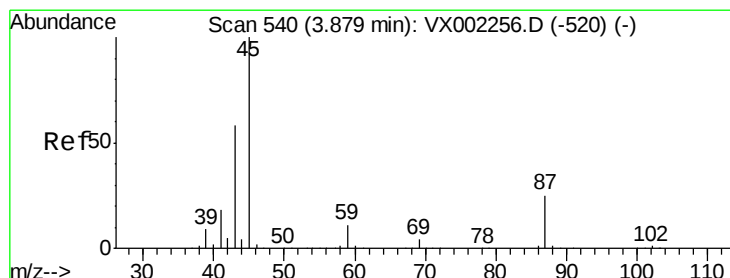
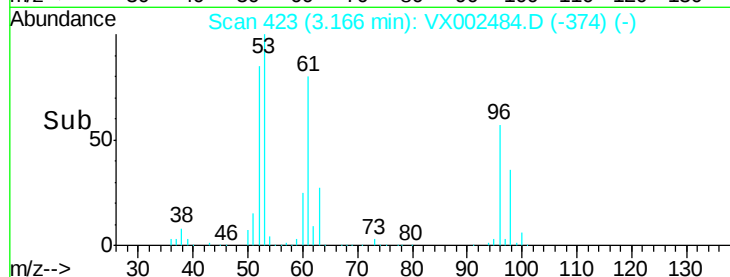
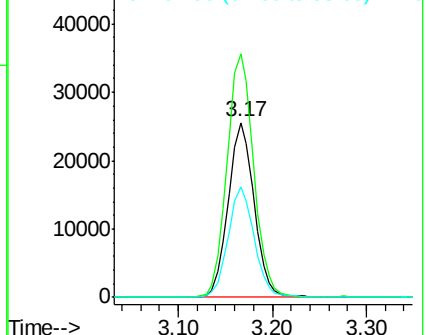
96 100

61 139.1 117.0 175.4

98 63.3 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: 19.34 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Tgt Ion: 45 Resp: 158180

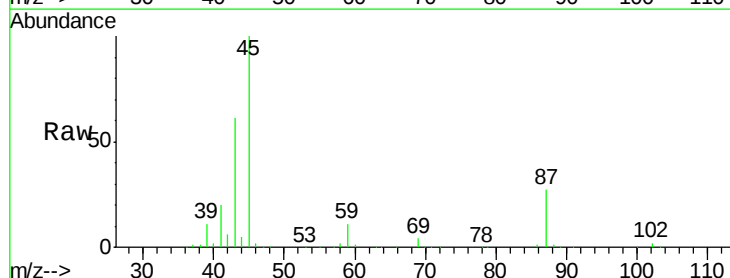
Ion Ratio Lower Upper

45 100

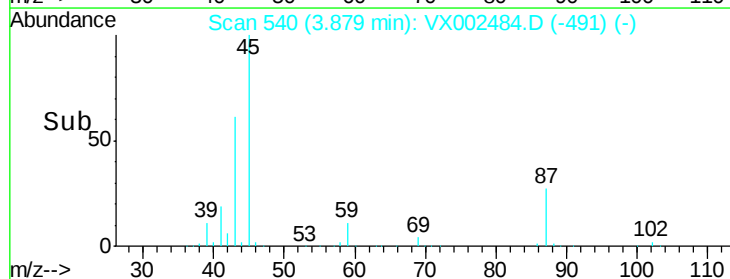
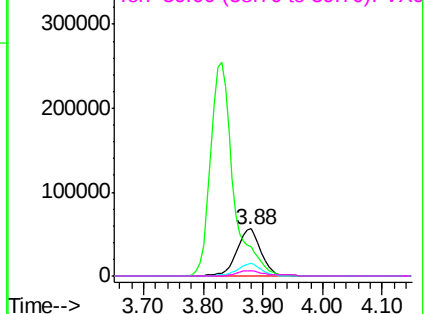
43 60.9 46.8 70.2

87 26.5 20.2 30.4

59 10.9 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: 88.15 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

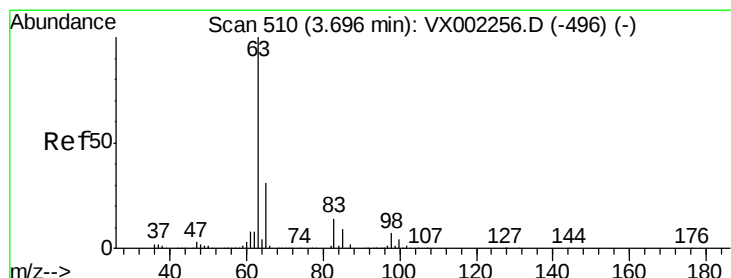
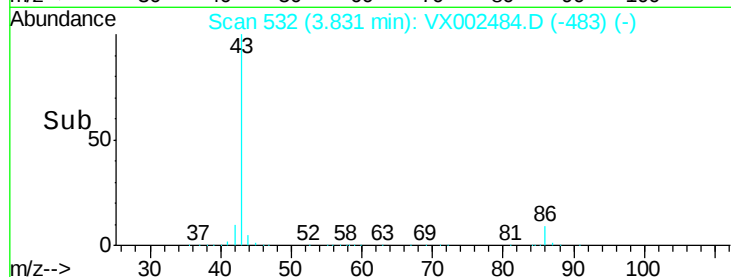
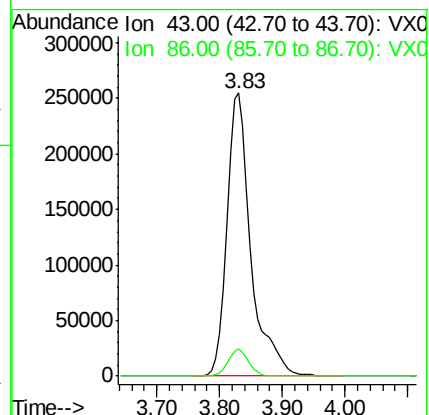
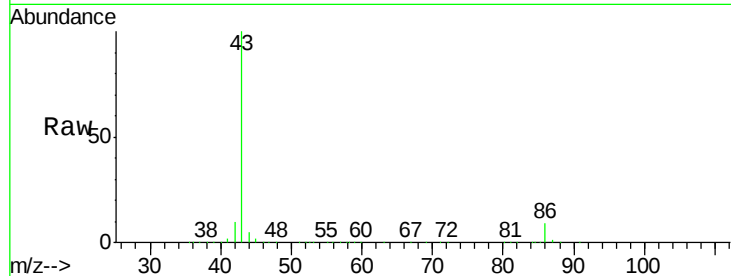
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 668212

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 21.17 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

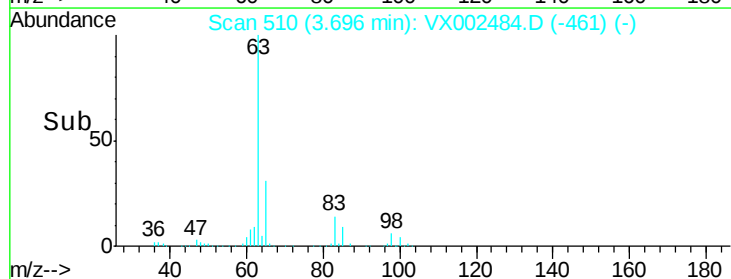
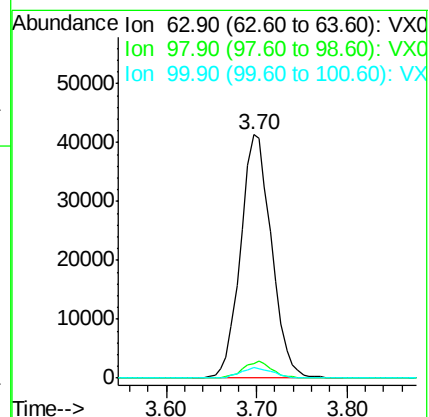
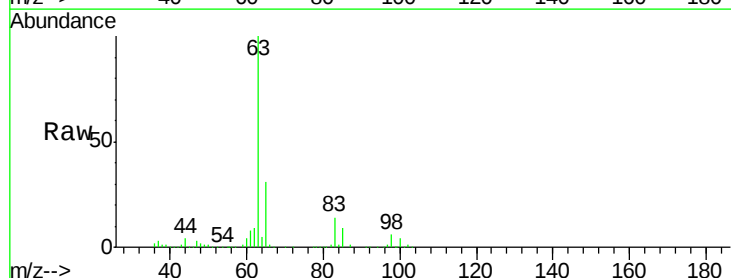
Tgt Ion: 63 Resp: 97858

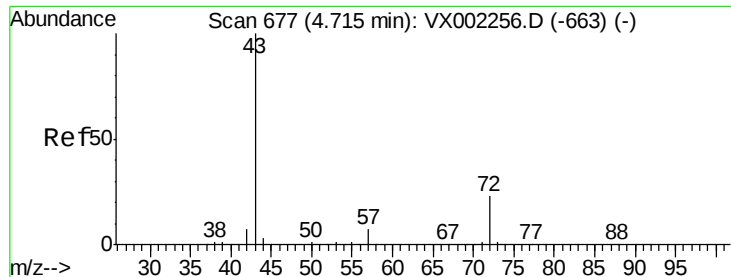
Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 93.15 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

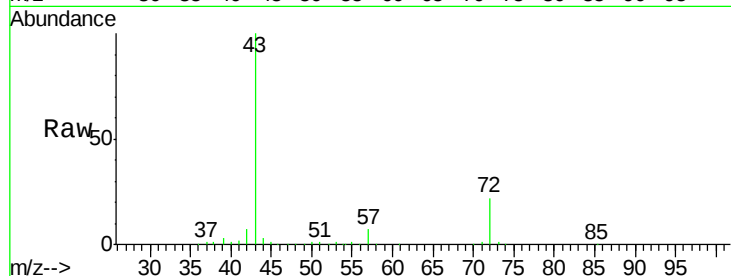
ClientSampled :

Tot Ion: 43 Resp: 184868

Ion Ratio Lower Upper

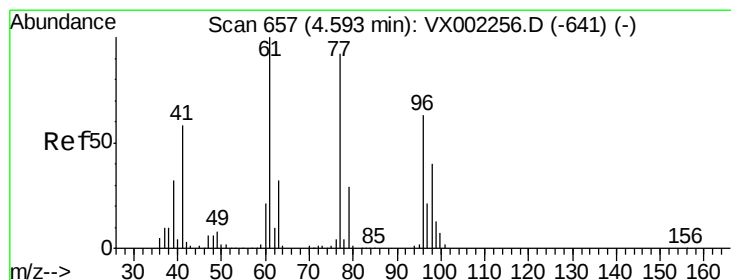
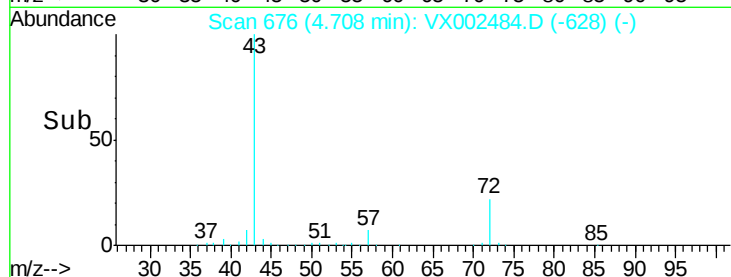
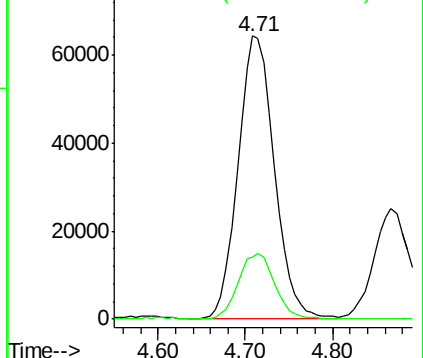
43 100

72 21.8 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: 13.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002484.D

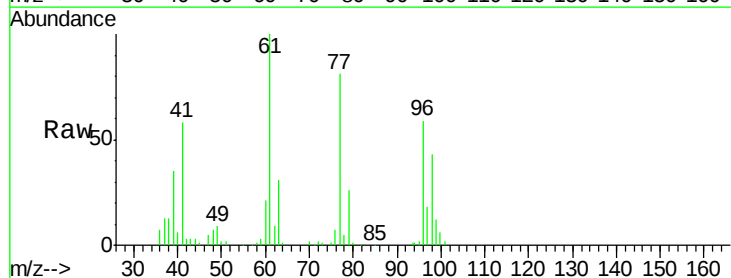
Acq: 12 Jun 2018 23:58

Tgt Ion: 77 Resp: 50088

Ion Ratio Lower Upper

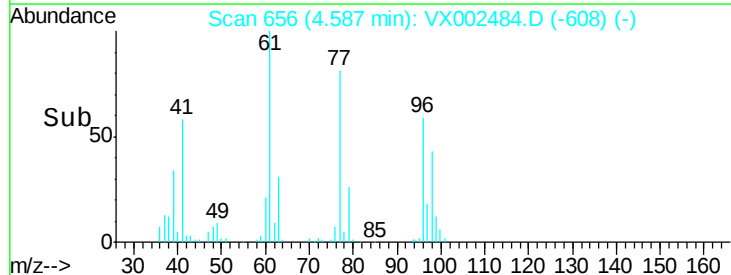
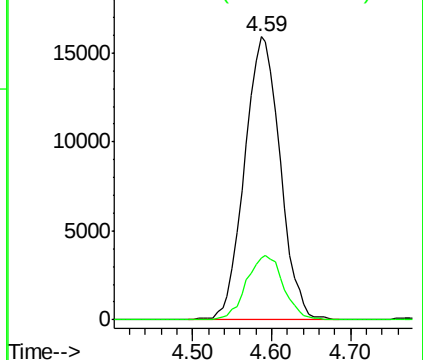
77 100

97 23.5 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: 18.52 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampleId :

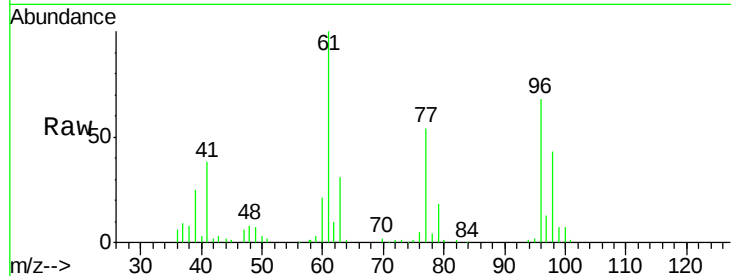
Tot Ion: 96 Resp: 47851

Ion Ratio Lower Upper

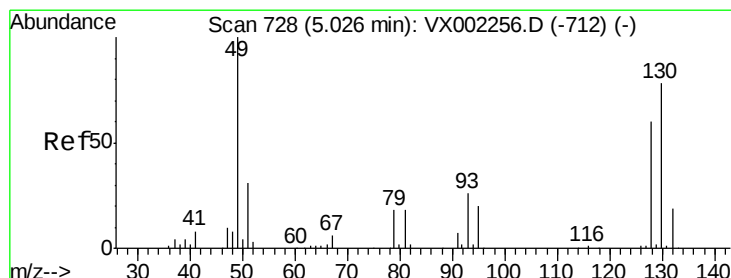
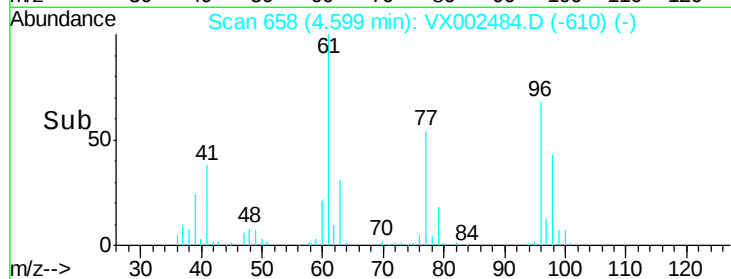
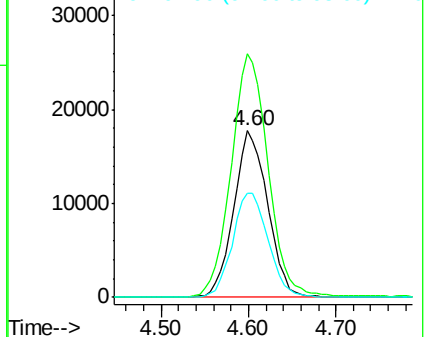
96 100

61 159.8 0.0 330.2

98 65.7 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: 18.96 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

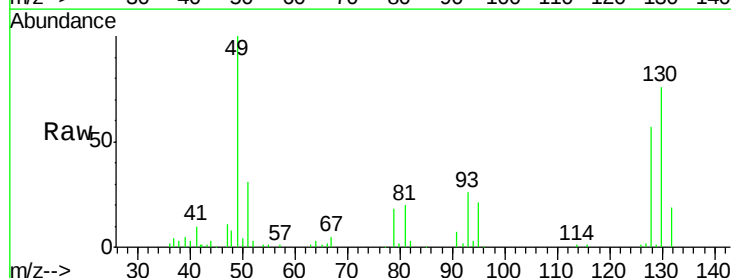
Tgt Ion: 49 Resp: 41611

Ion Ratio Lower Upper

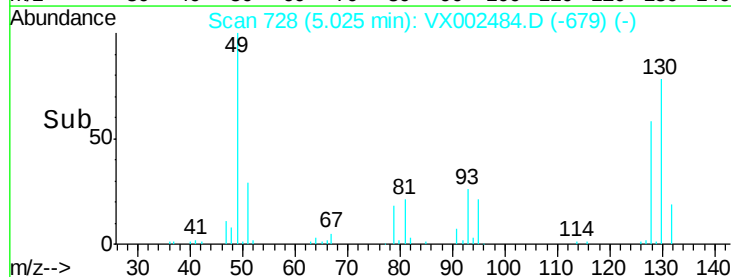
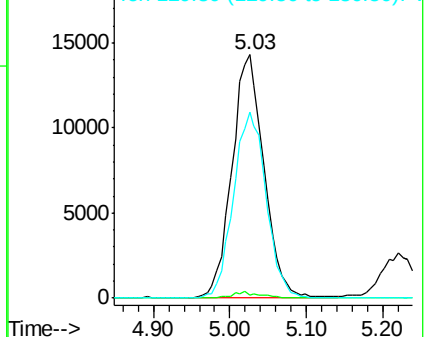
49 100

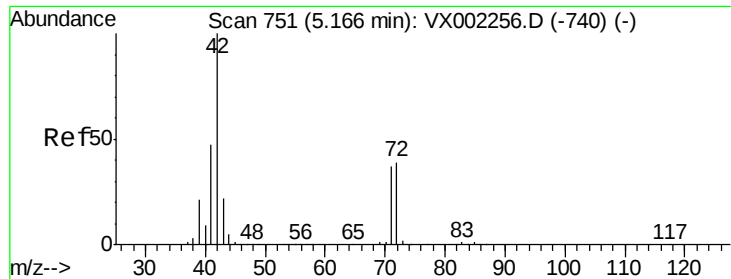
129 2.1 0.0 4.2

130 77.5 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

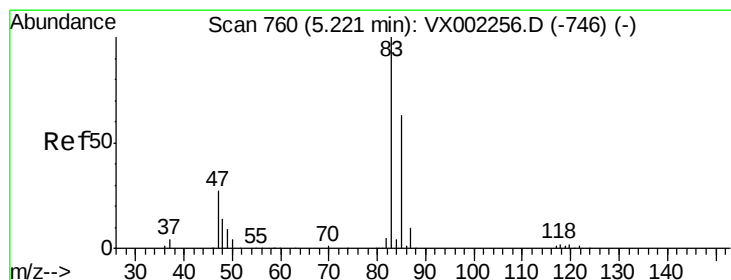
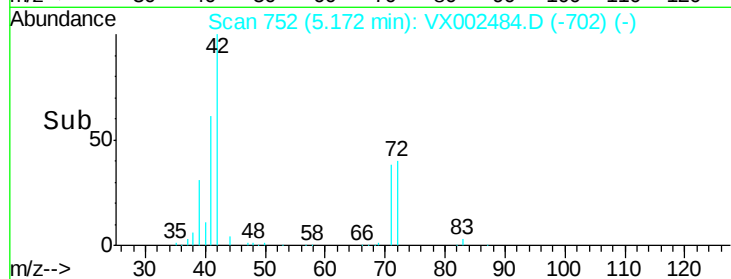
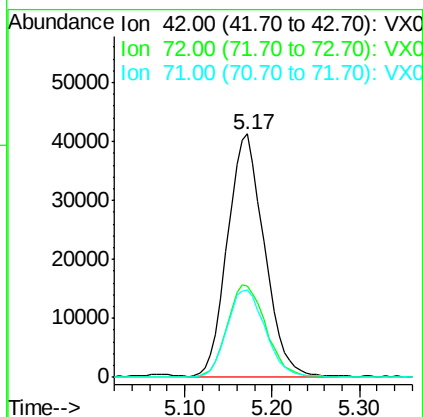
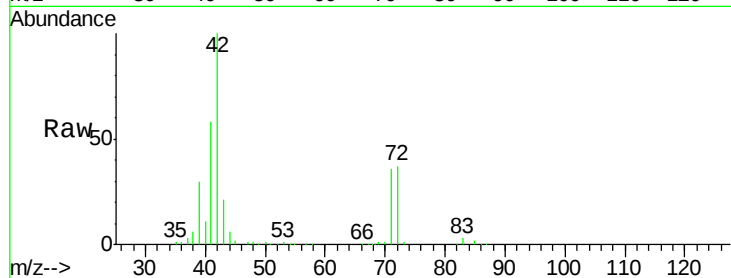




#29
Tetrahydrofuran
Concen: 94.22 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

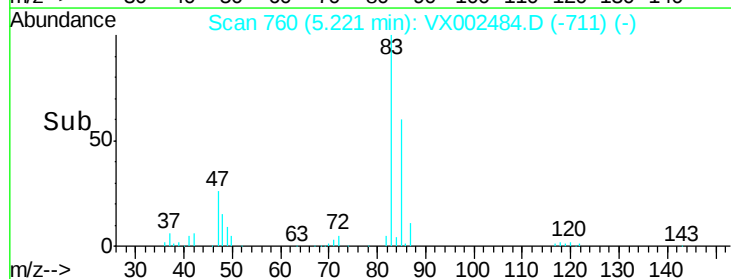
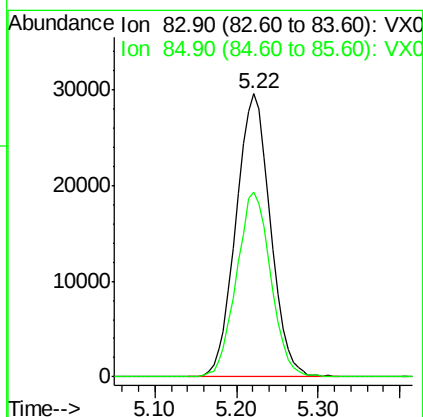
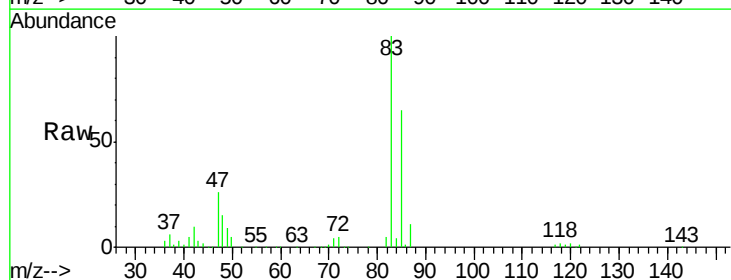
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 42 Resp: 120561
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 37.8 30.1 45.1



#30
Chloroform
Concen: 19.41 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion: 83 Resp: 86577
Ion Ratio Lower Upper
83 100
85 65.3 50.4 75.6





#31

Cyclohexane

Concen: 18.98 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampleId :

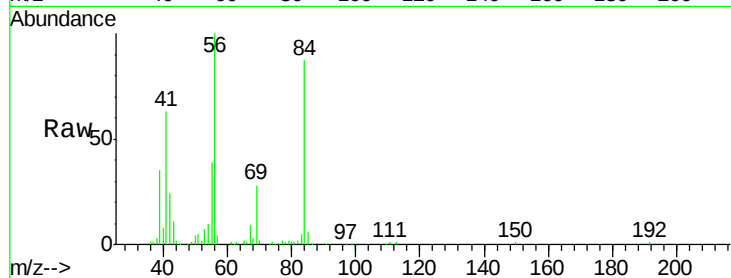
Tot Ion: 56 Resp: 69348

Ion Ratio Lower Upper

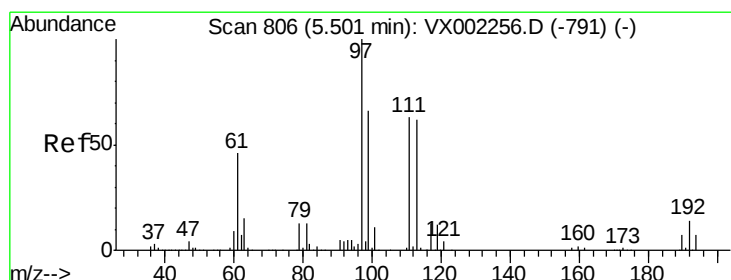
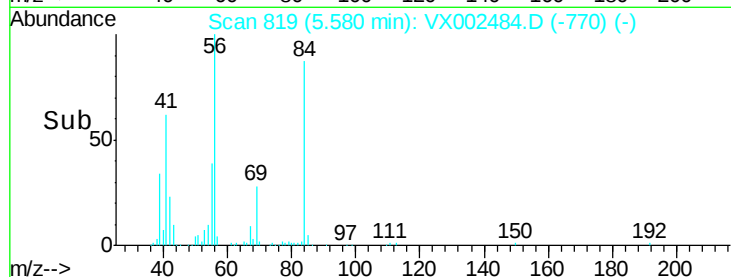
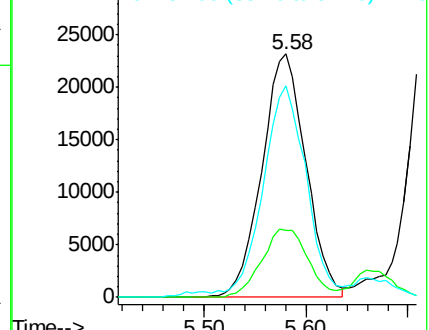
56 100

69 27.6 23.7 35.5

84 85.2 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: 19.15 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

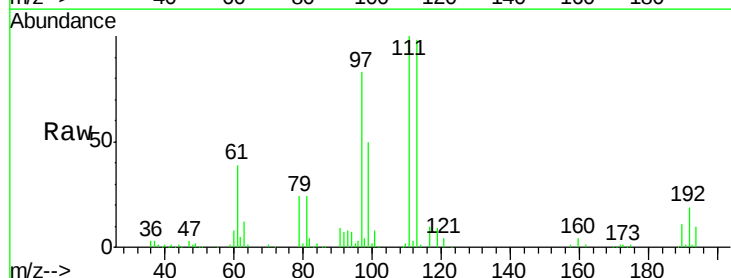
Tgt Ion: 97 Resp: 72439

Ion Ratio Lower Upper

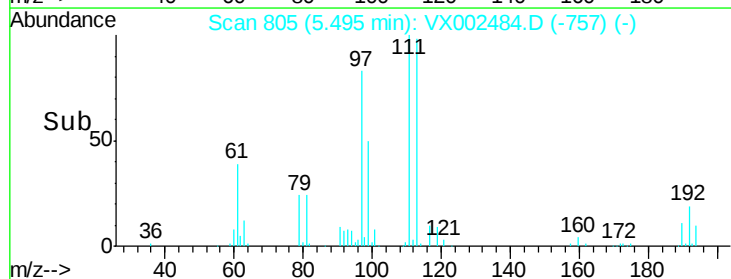
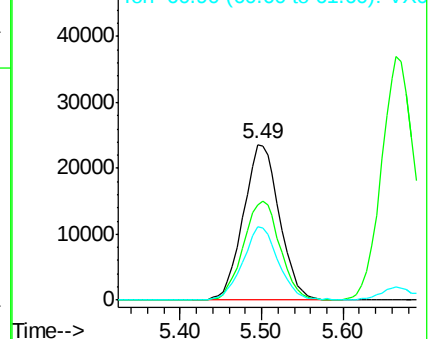
97 100

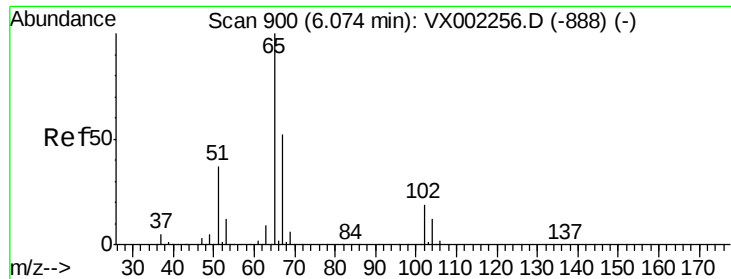
99 64.5 51.6 77.4

61 46.6 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.47 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

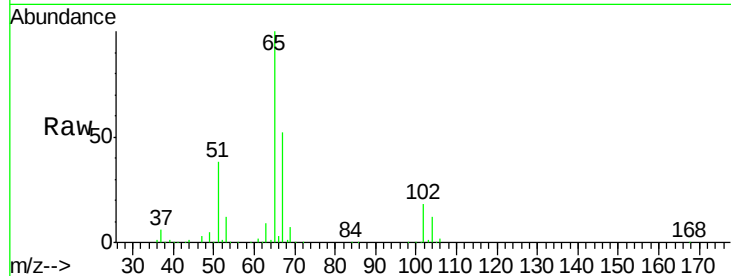
ClientSampleId :

Tot Ion: 65 Resp: 137896

Ion Ratio Lower Upper

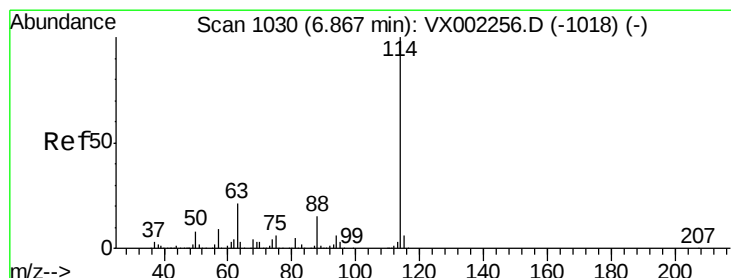
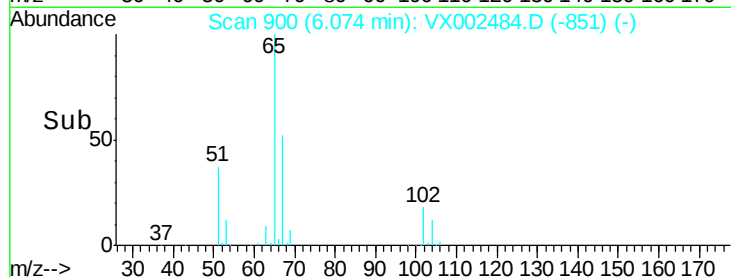
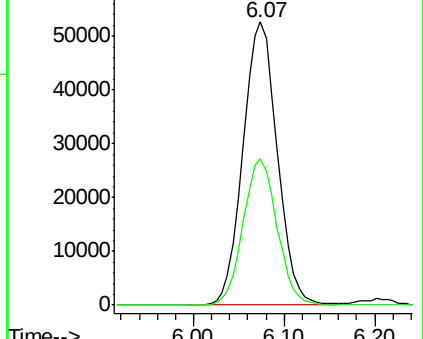
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

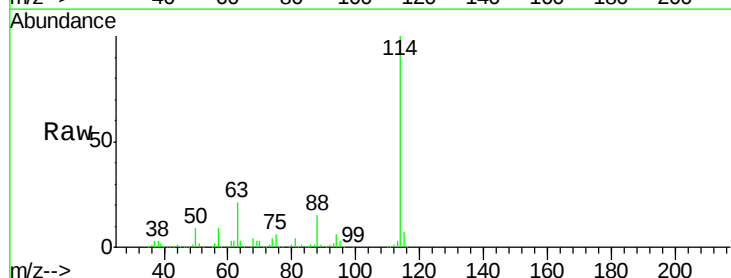
Tgt Ion: 114 Resp: 299326

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

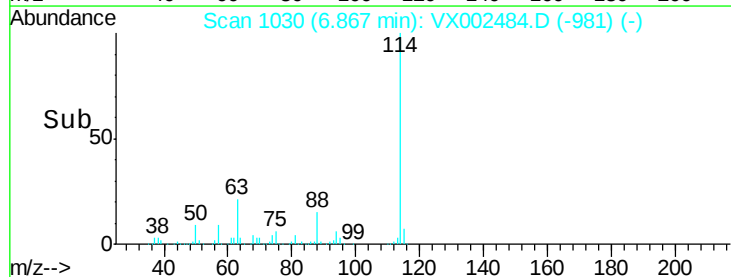
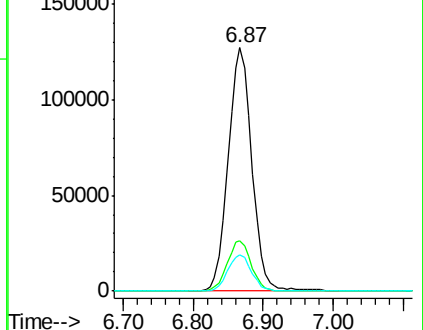
88 14.9 0.0 30.0

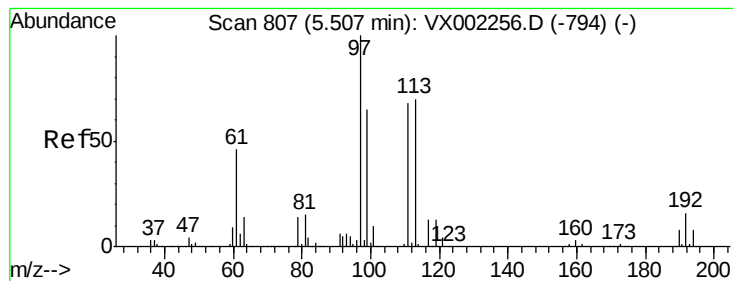


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :
MSVOA_X
ClientSampled :

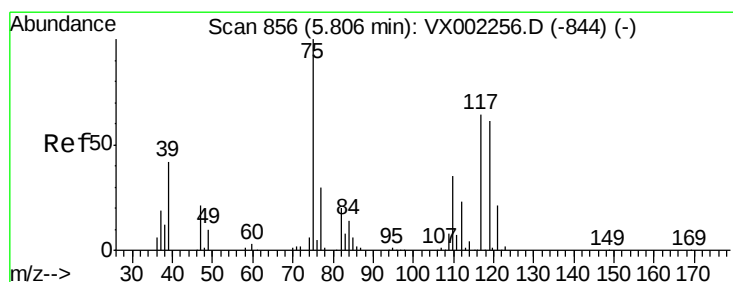
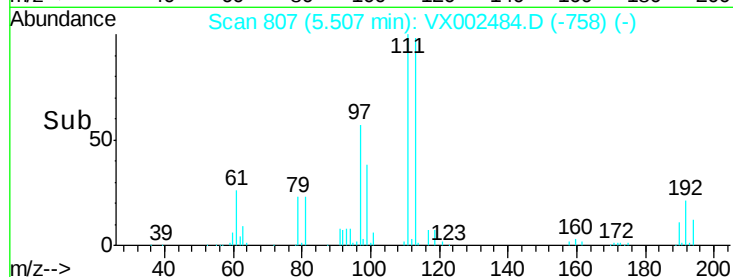
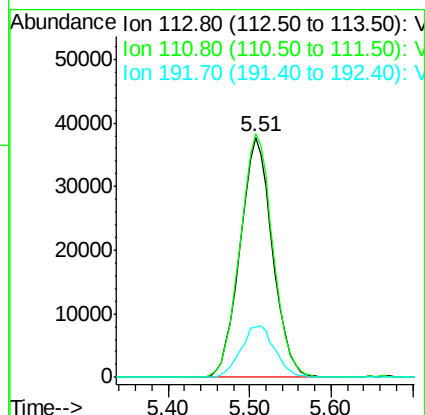
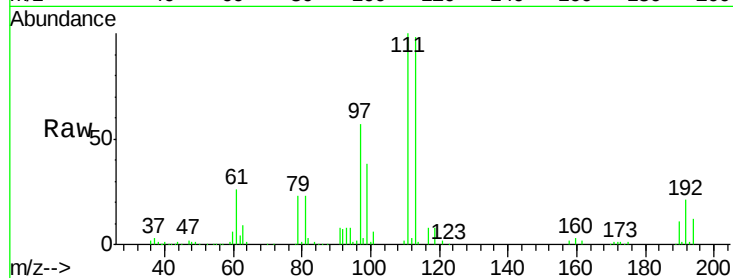
Tot Ion:113 Resp: 103623

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 22.7 19.1 28.7



#36

1,1-Dichloropropene

Concen: 19.12 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

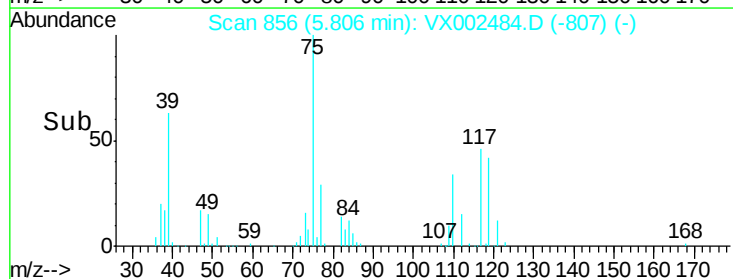
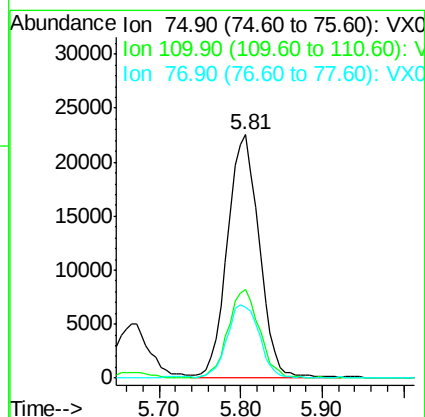
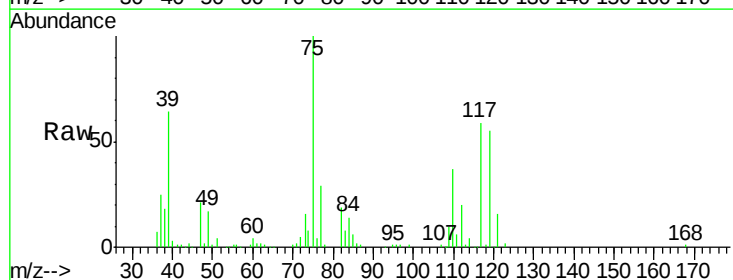
Tgt Ion: 75 Resp: 60151

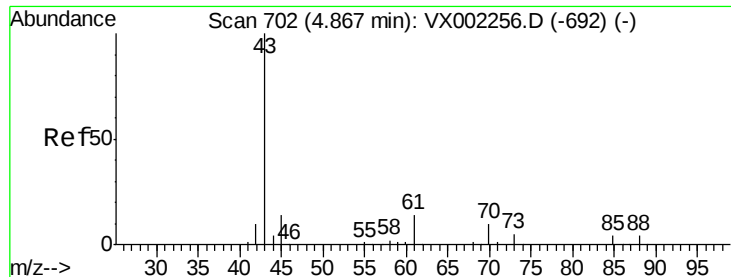
Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.4

77 30.7 24.3 36.5

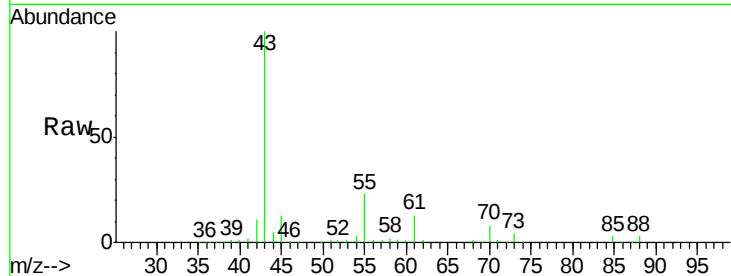




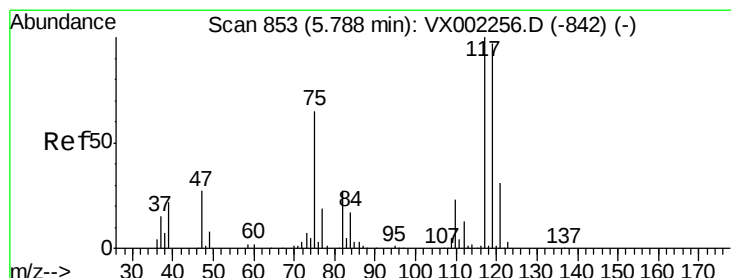
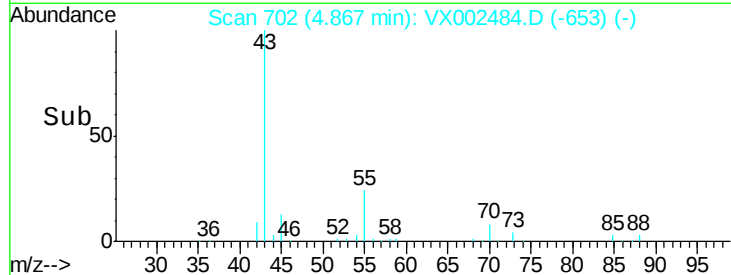
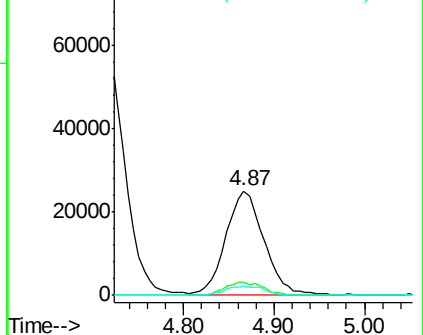
#37
Ethyl Acetate
Concen: 19.01 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 71939
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 9.3 7.6 11.4

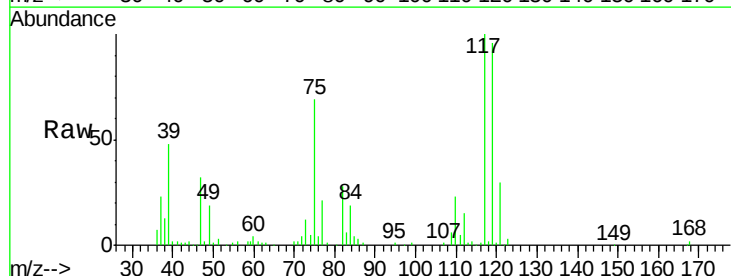


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

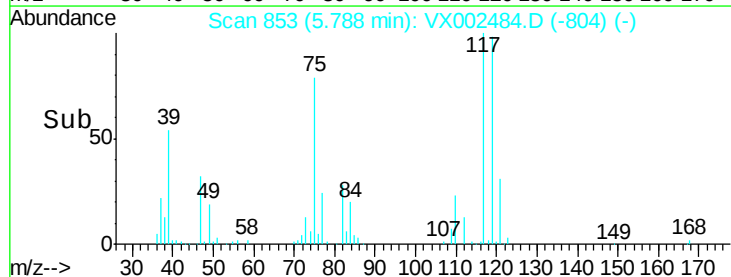
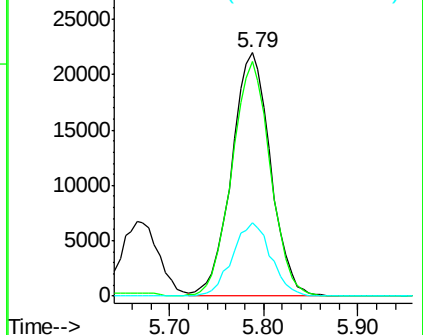


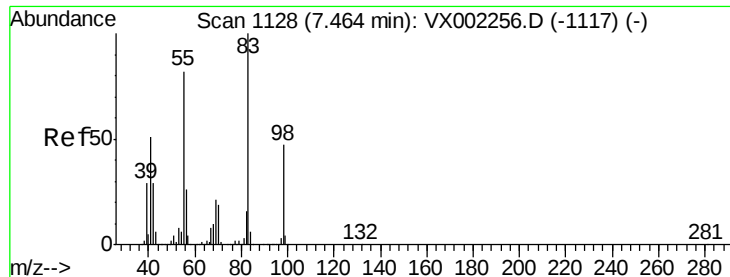
#38
Carbon Tetrachloride
Concen: 19.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion: 117 Resp: 63464
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 30.2 24.4 36.6



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

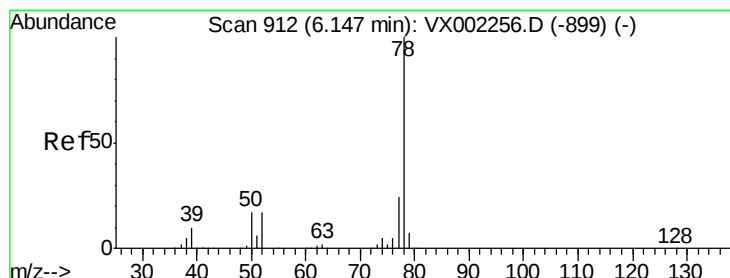
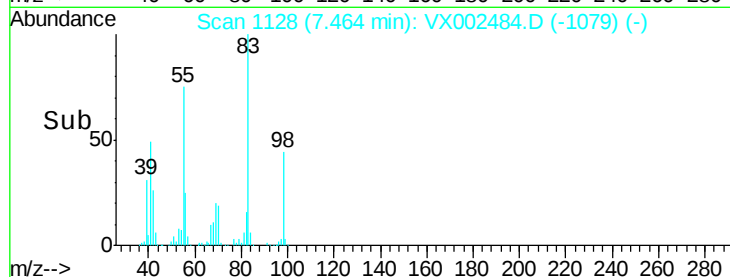
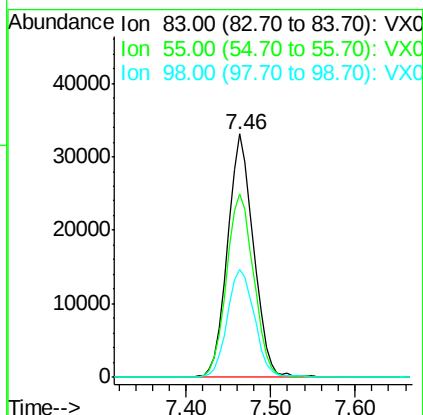
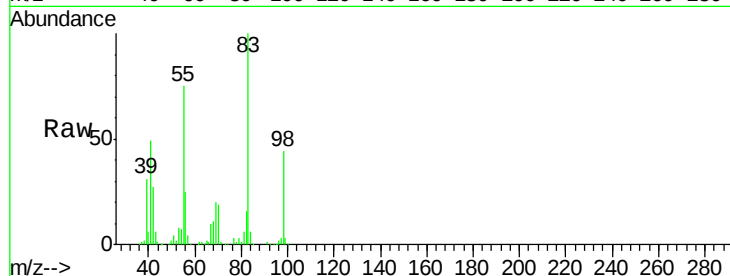




#39
Methvlcvclohexane
Concen: 18.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

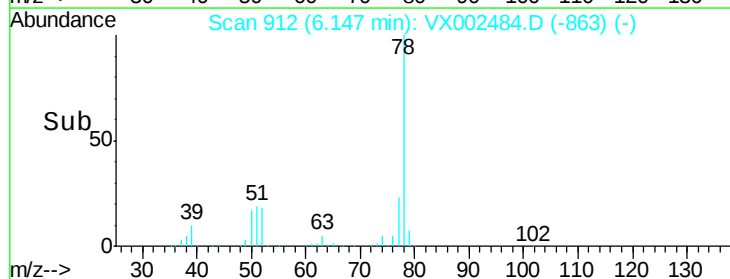
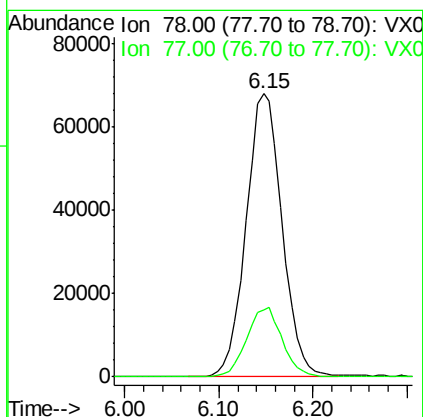
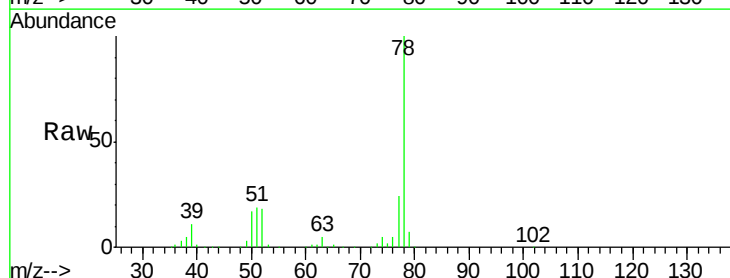
Instrument :
MSVOA_X
ClientSampled :

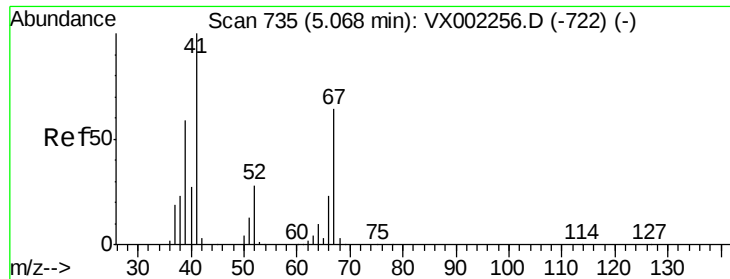
Tot Ion: 83 Resp: 69568
Ion Ratio Lower Upper
83 100
55 75.5 65.4 98.0
98 44.3 37.4 56.0



#40
Benzene
Concen: 18.91 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion: 78 Resp: 182495
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

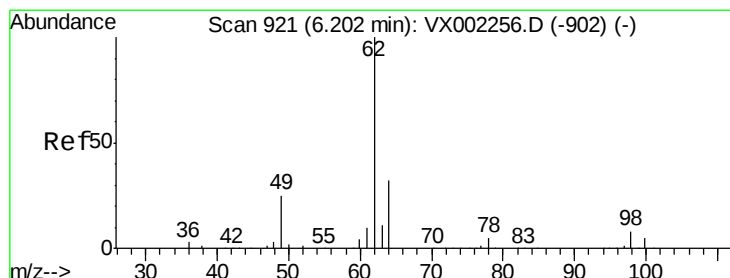
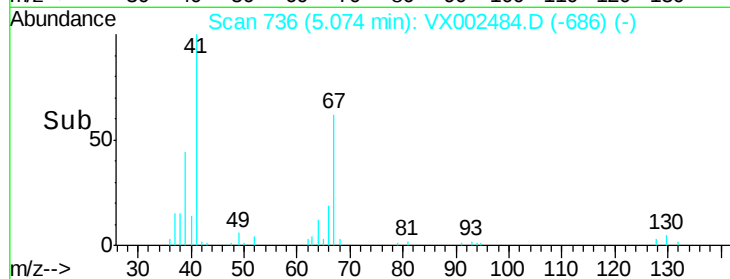
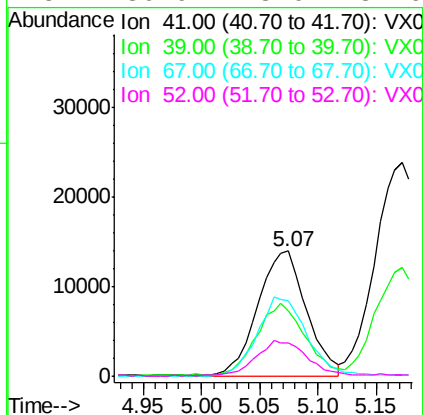
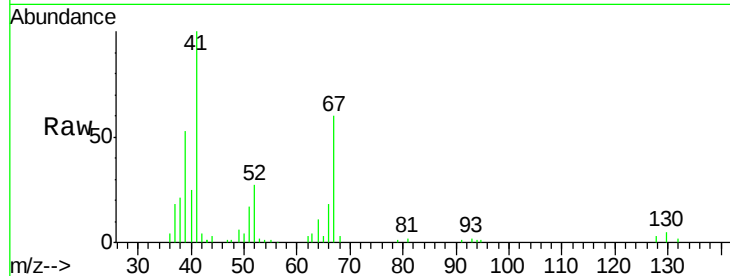




#41
Methacrylonitrile
Concen: 18.59 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

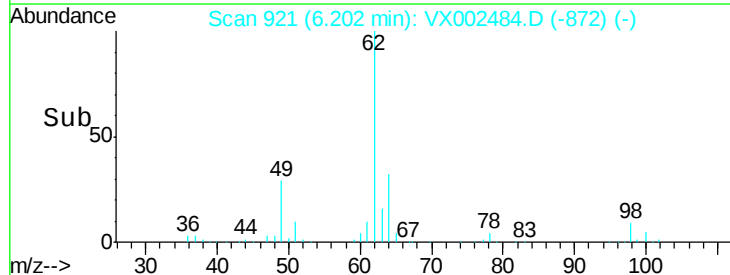
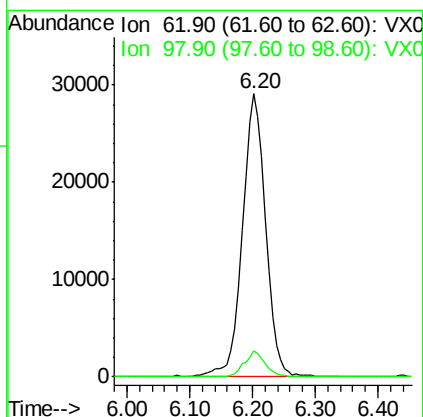
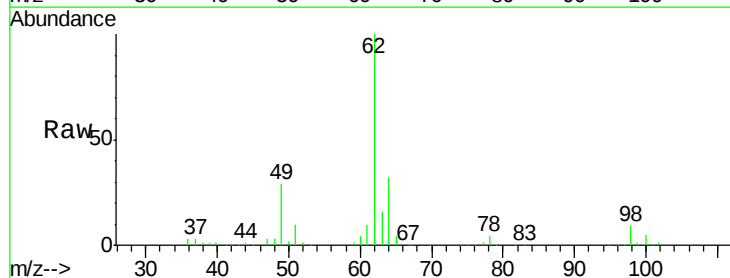
Instrument :
MSVOA_X
ClientSampled :

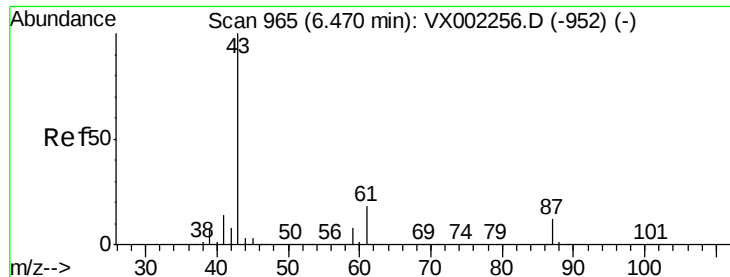
Tot Ion:	41	Resp:	40281
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	65.5	51.3	76.9
52	30.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion:	62	Resp:	74555
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.20 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampleId :

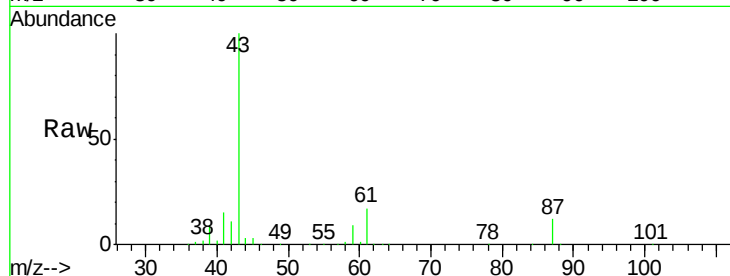
Tot Ion: 43 Resp: 116962

Ion Ratio Lower Upper

43 100

61 17.8 14.4 21.6

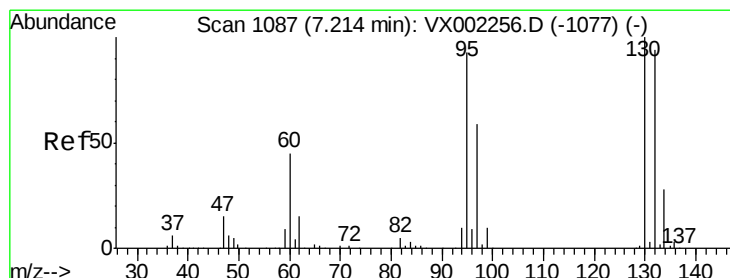
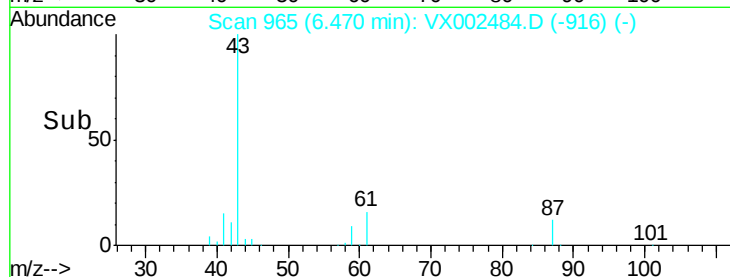
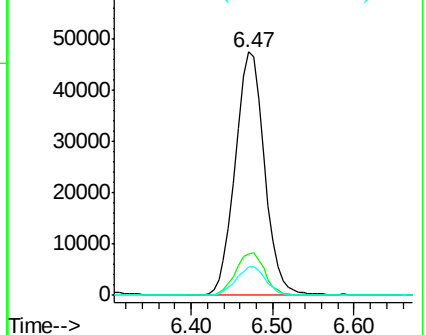
87 11.9 9.5 14.3



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

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

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



#44

Trichloroethene

Concen: 19.14 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002484.D

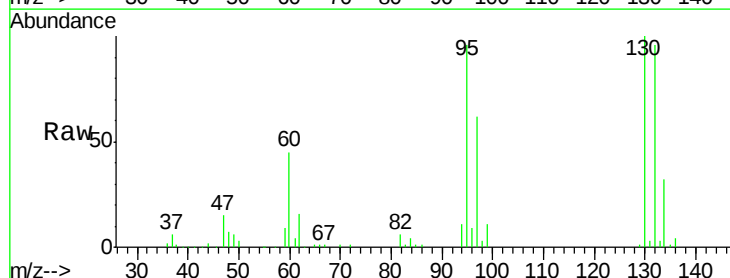
Acq: 12 Jun 2018 23:58

Tgt Ion:130 Resp: 51245

Ion Ratio Lower Upper

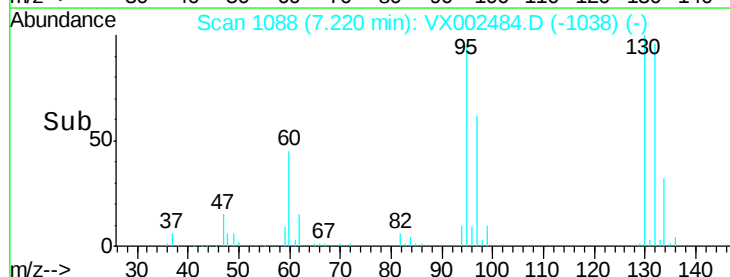
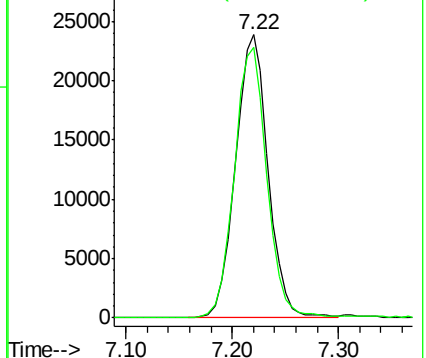
130 100

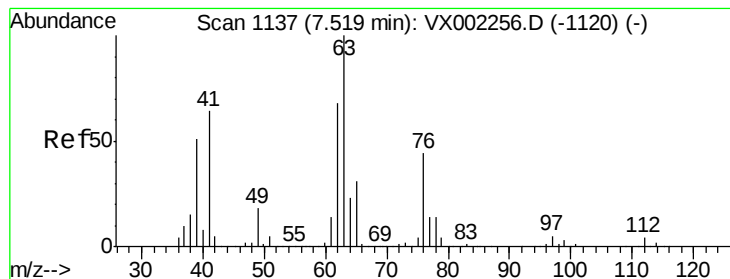
95 95.7 0.0 185.4



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

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





#45

1,2-Dichloropropane

Concen: 18.95 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

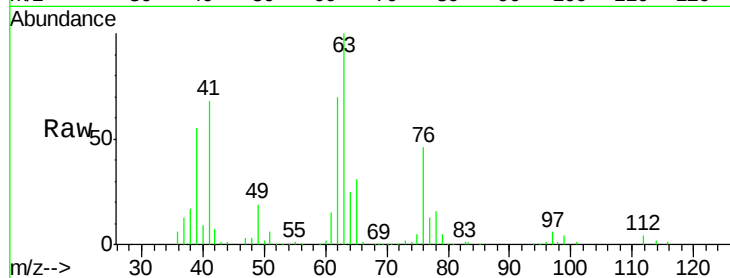
ClientSampled :

Tot Ion: 63 Resp: 49368

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

10000

5000

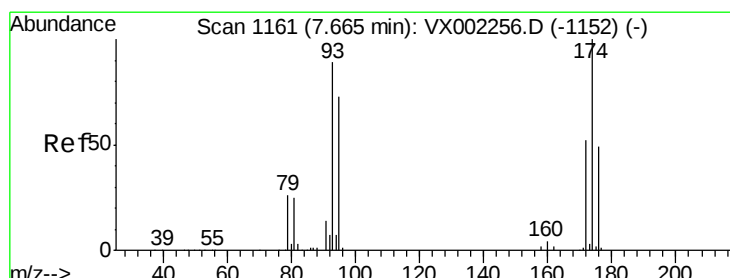
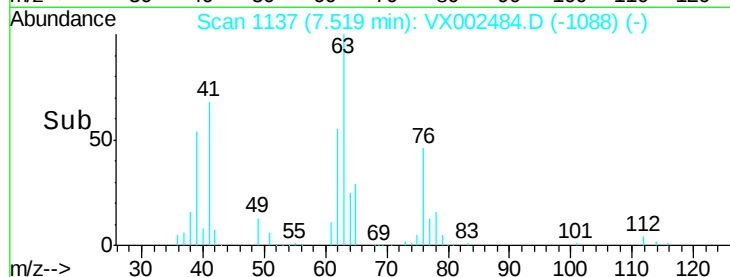
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 19.15 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

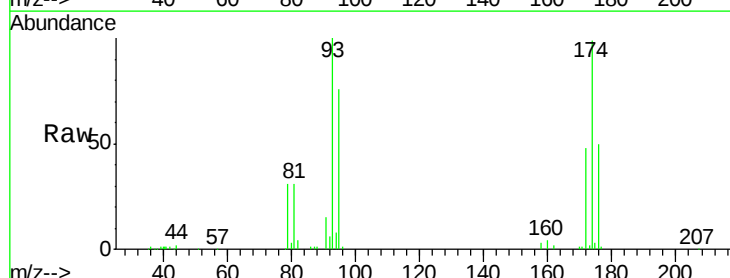
Tgt Ion: 93 Resp: 33821

Ion Ratio Lower Upper

93 100

95 80.8 65.9 98.9

174 109.4 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

10000

5000

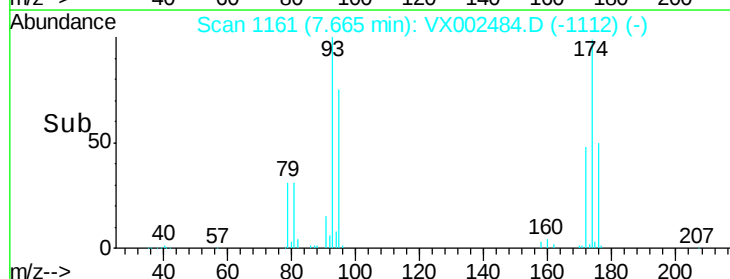
0

Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 18.36 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :
MSVOA_X
ClientSampleId :

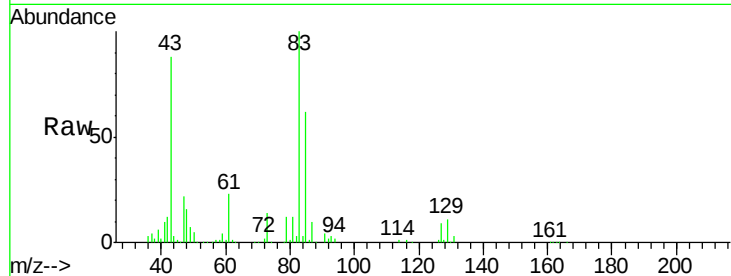
Tot Ion: 83 Resp: 58633

Ion Ratio Lower Upper

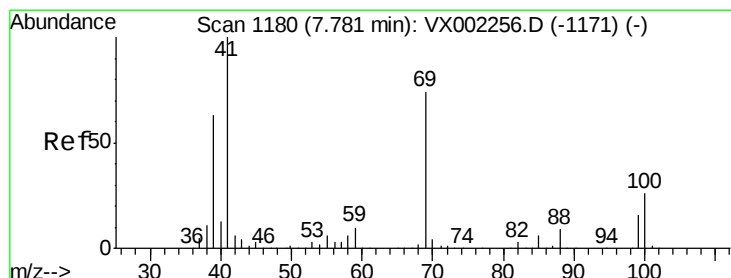
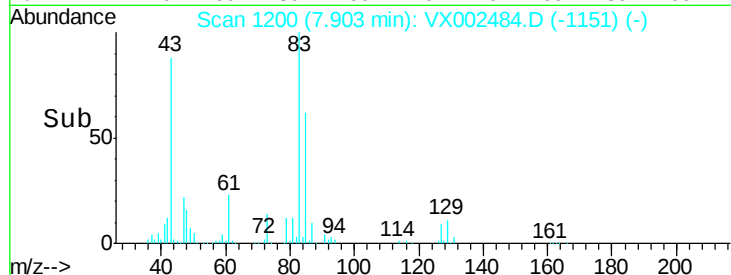
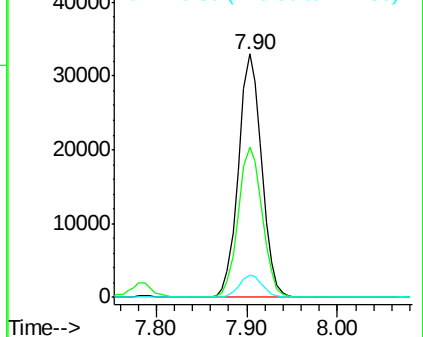
83 100

85 61.6 50.3 75.5

127 9.3 7.0 10.4



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



#48

Methyl methacrylate

Concen: 18.40 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

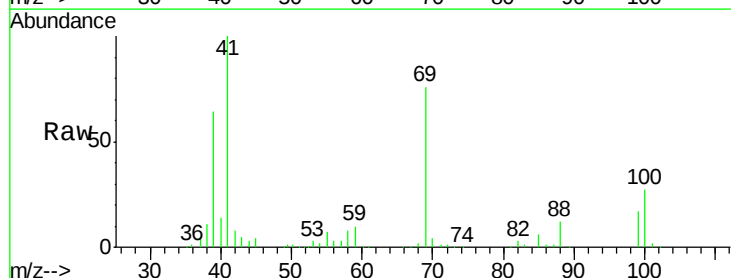
Tgt Ion: 41 Resp: 59407

Ion Ratio Lower Upper

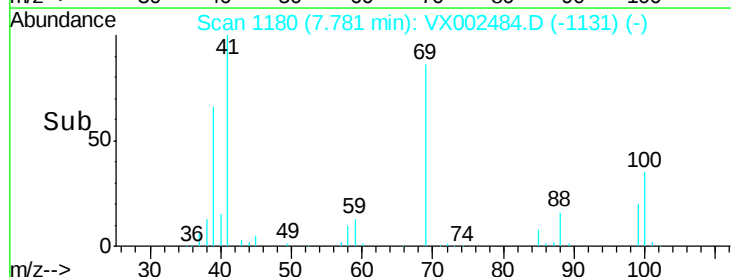
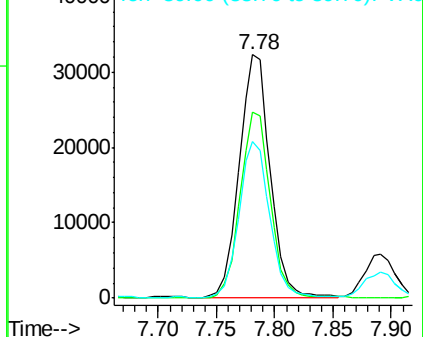
41 100

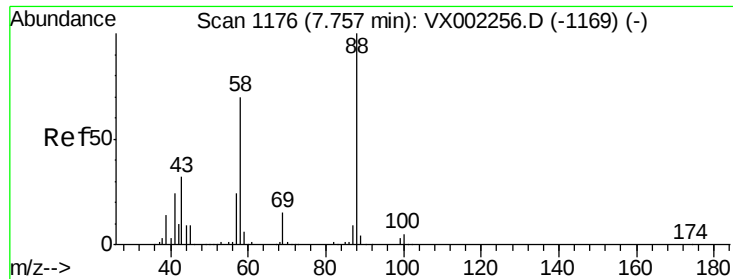
69 75.8 59.1 88.7

39 63.8 48.9 73.3



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





#49

1,4-Dioxane

Concen: 399.81 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampleId :

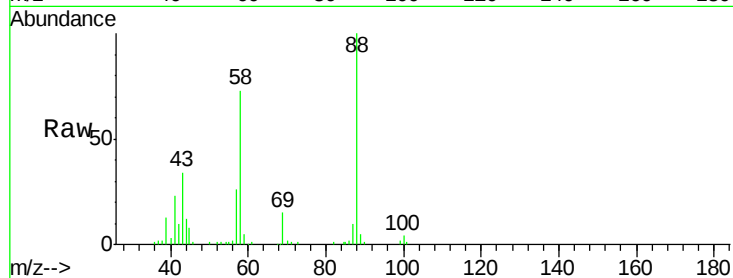
Tot Ion: 88 Resp: 24136

Ion Ratio Lower Upper

88 100

43 37.2 29.8 44.6

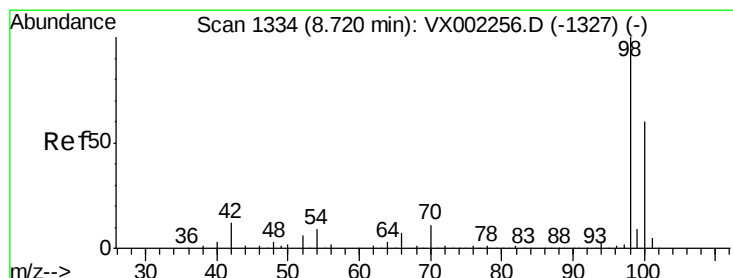
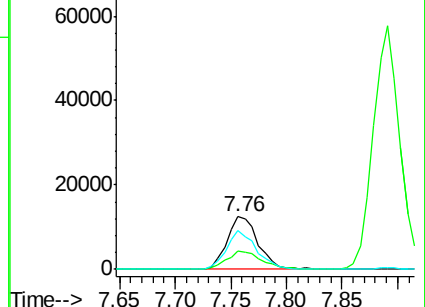
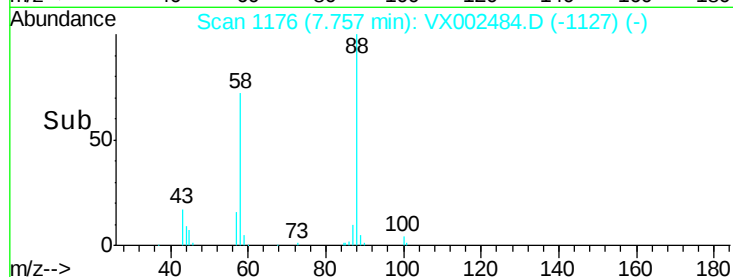
58 71.2 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 43.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002484.D

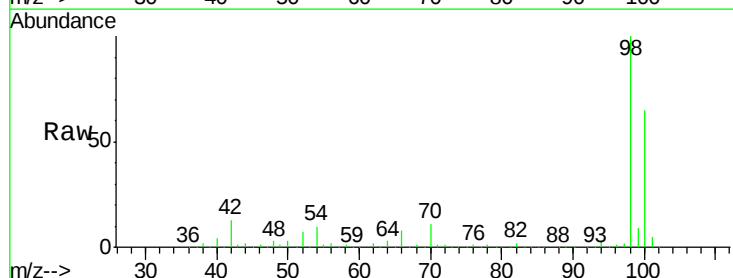
Acq: 12 Jun 2018 23:58

Tgt Ion: 98 Resp: 396294

Ion Ratio Lower Upper

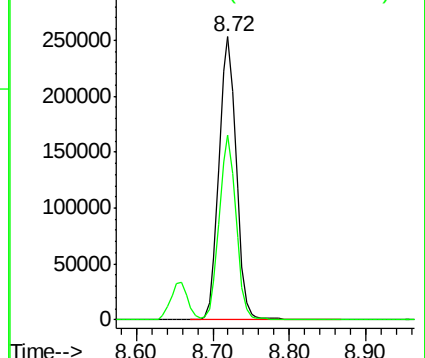
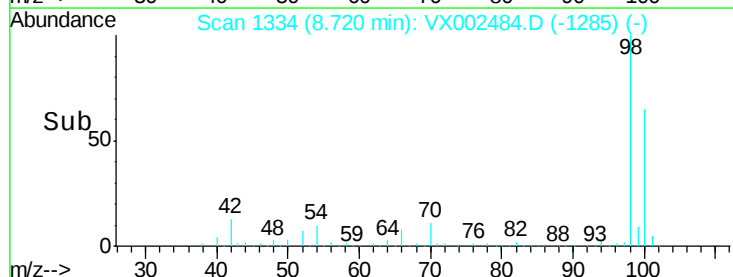
98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.30 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

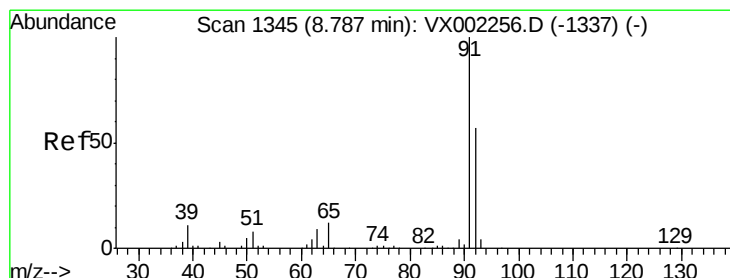
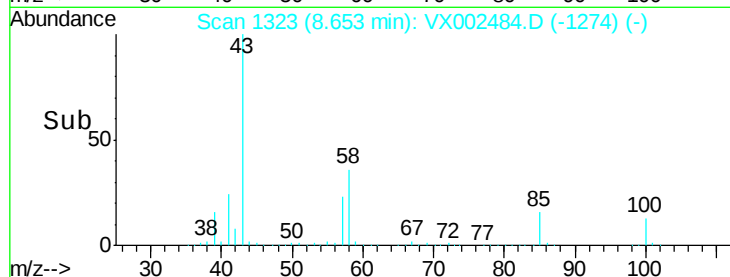
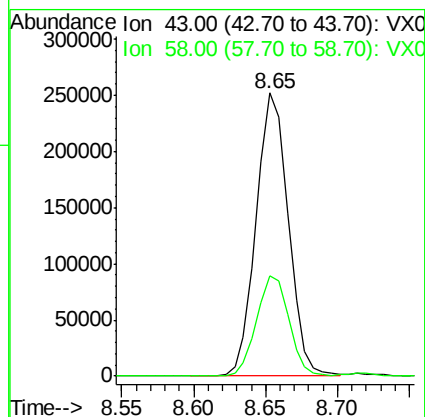
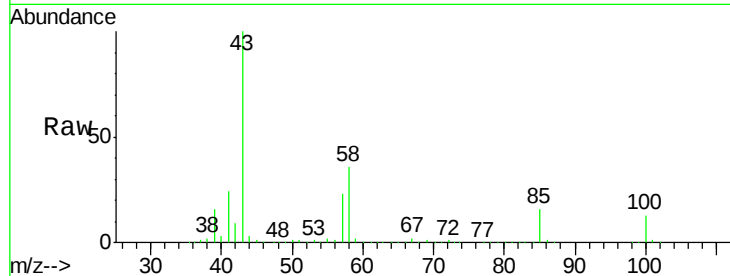
ClientSampled :

Tot Ion: 43 Resp: 389466

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



#52

Toluene

Concen: 19.15 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002484.D

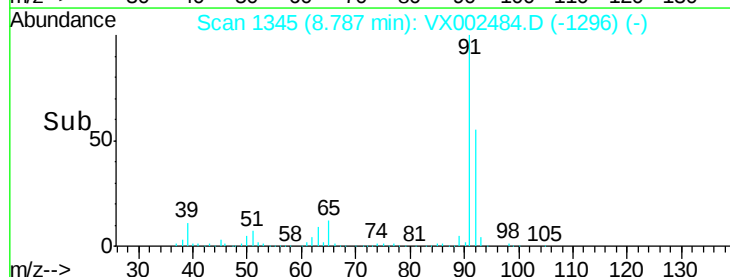
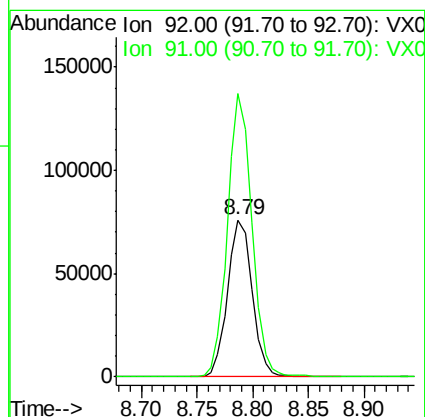
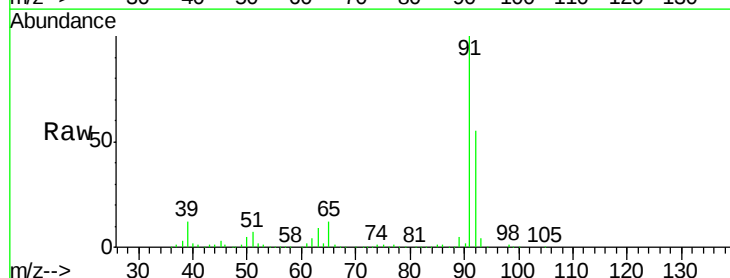
Acq: 12 Jun 2018 23:58

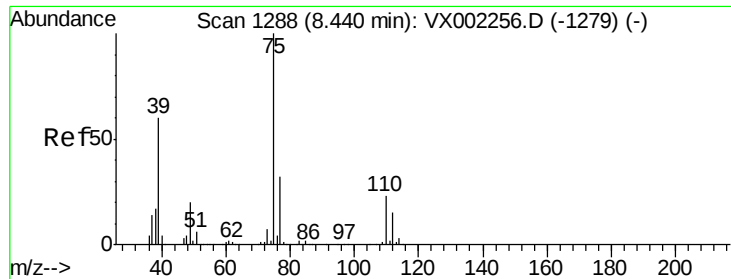
Tgt Ion: 92 Resp: 117490

Ion Ratio Lower Upper

92 100

91 178.1 140.4 210.6

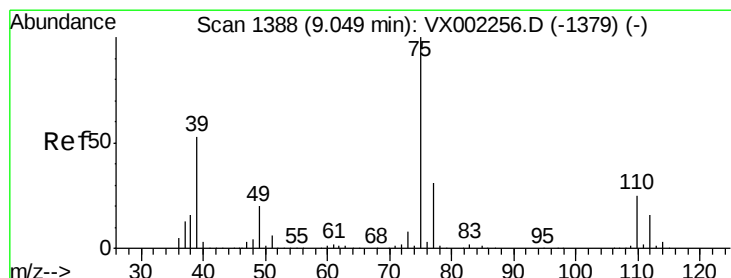
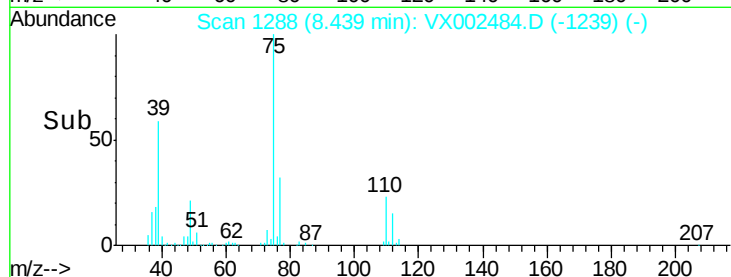
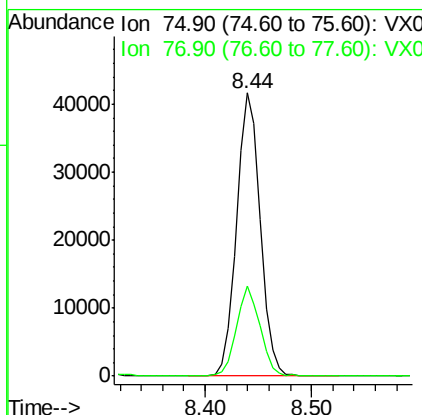
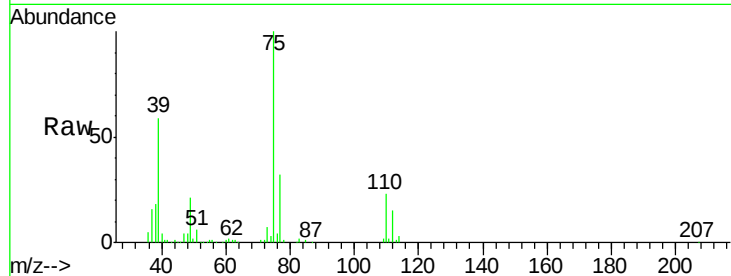




#53
t-1,3-Dichloropropene
Concen: 16.98 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

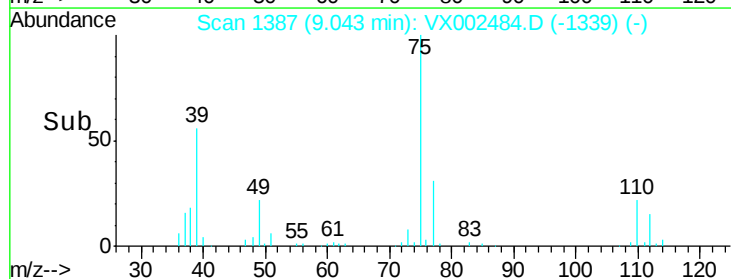
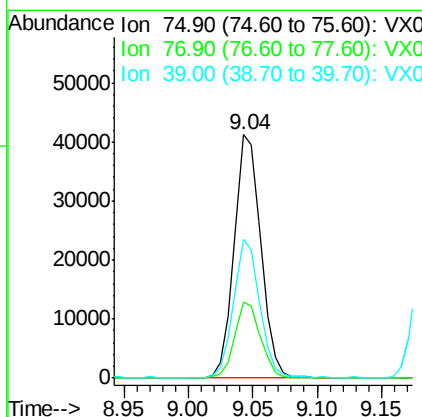
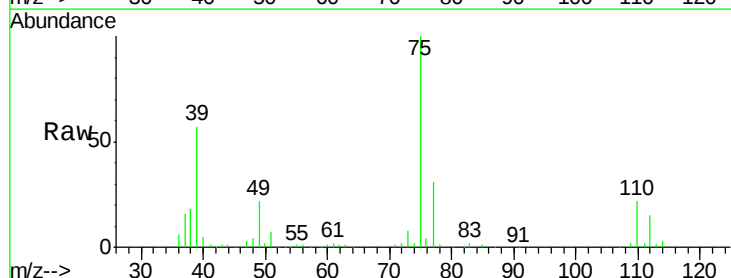
Instrument :
MSVOA_X
ClientSampleId :

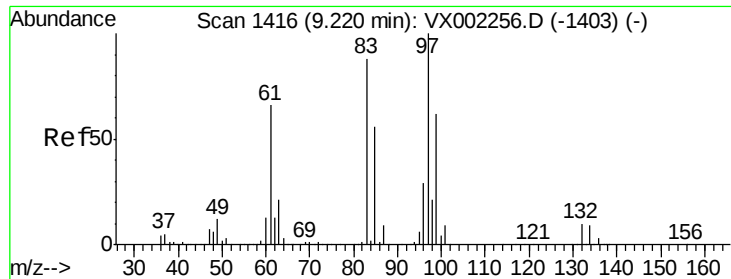
Tot Ion: 75 Resp: 65017
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 16.49 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion: 75 Resp: 59593
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 56.4 42.4 63.6



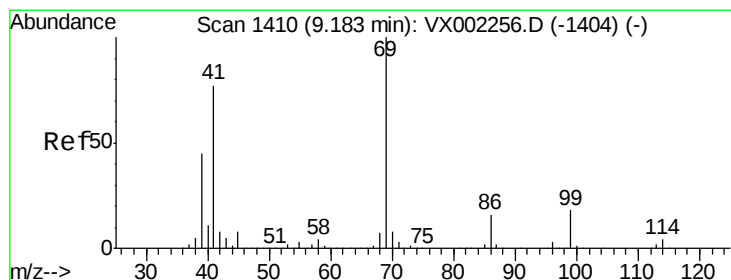
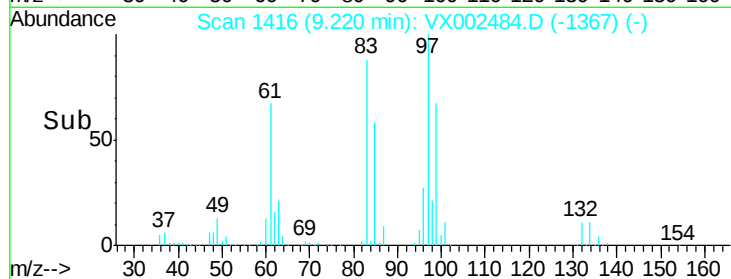
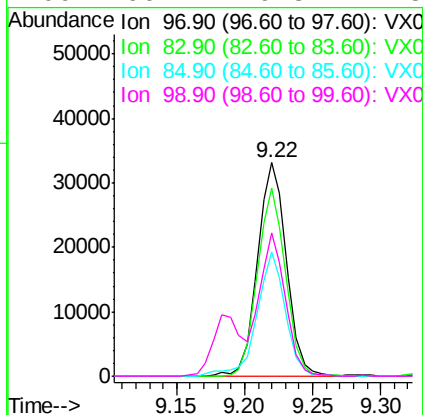
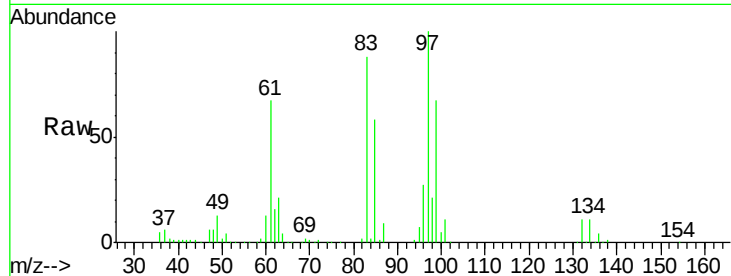


#55
 1,1,2-Trichloroethane
 Concen: 19.64 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 49563

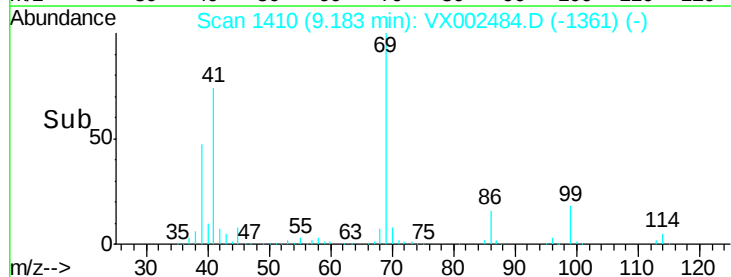
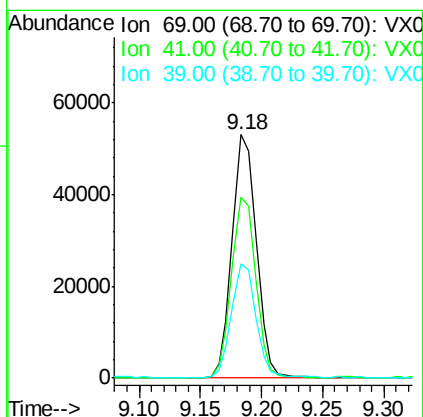
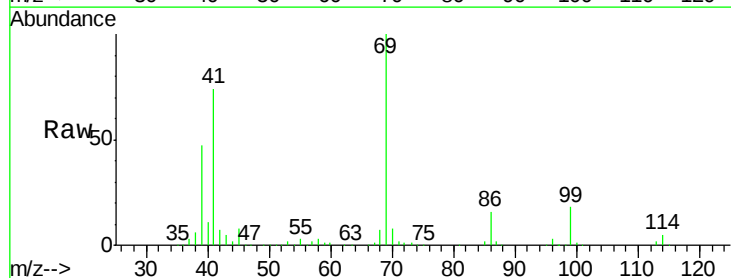
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.2	105.2
85	57.9	44.9	67.3
99	66.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.17 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Tgt Ion: 69 Resp: 73197

Ion	Ratio	Lower	Upper
69	100		
41	74.1	60.3	90.5
39	46.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.26 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

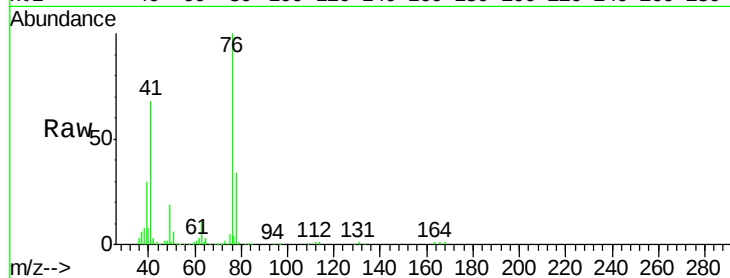
ClientSampled :

Tot Ion: 76 Resp: 81540

Ion Ratio Lower Upper

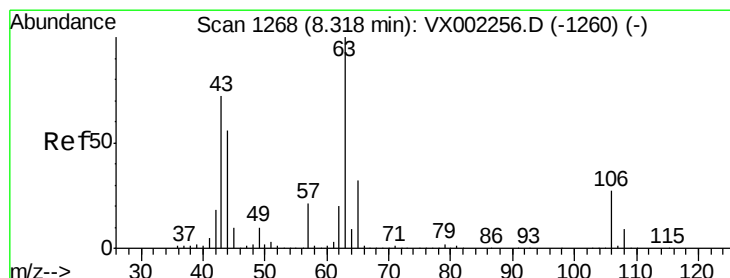
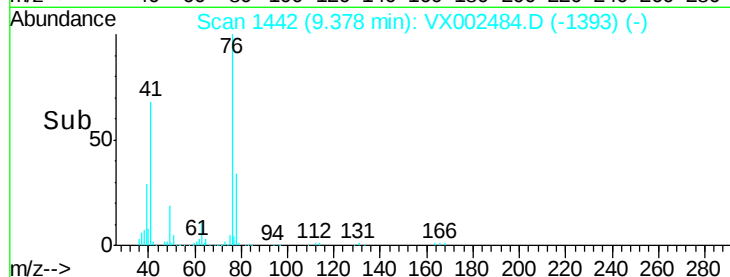
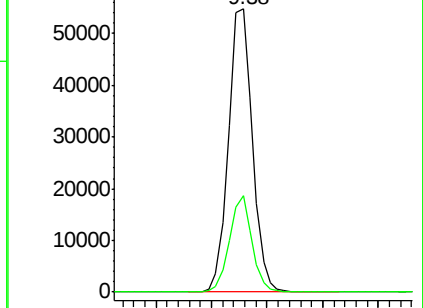
76 100

78 32.2 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: 98.03 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002484.D

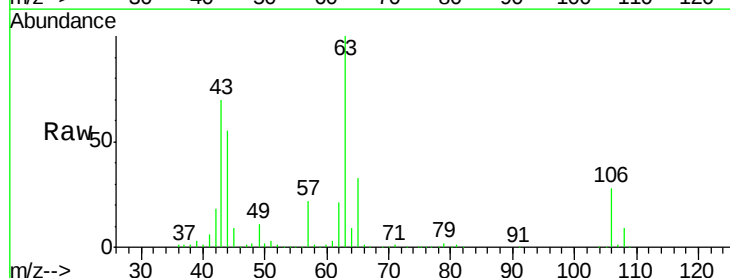
Acq: 12 Jun 2018 23:58

Tgt Ion: 63 Resp: 182829

Ion Ratio Lower Upper

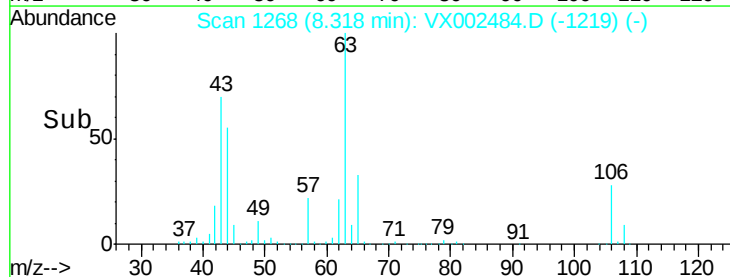
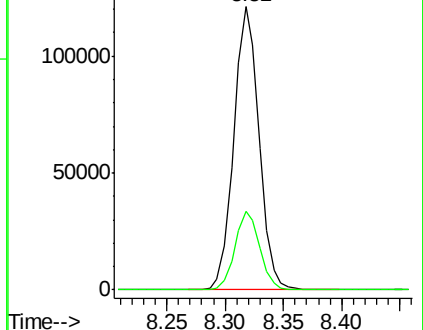
63 100

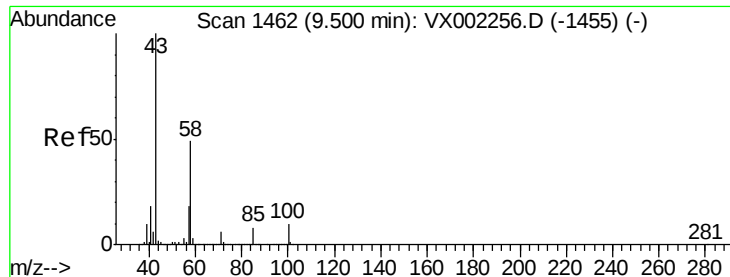
106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

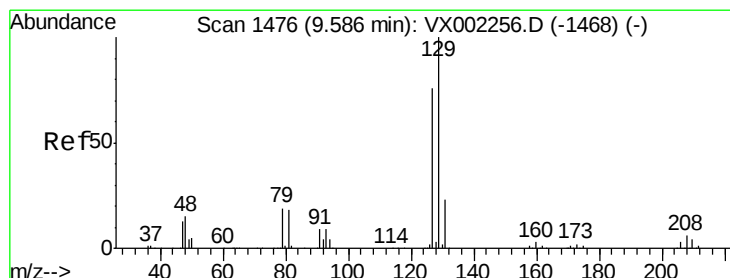
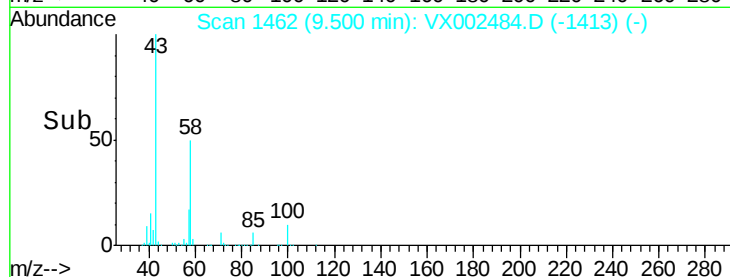
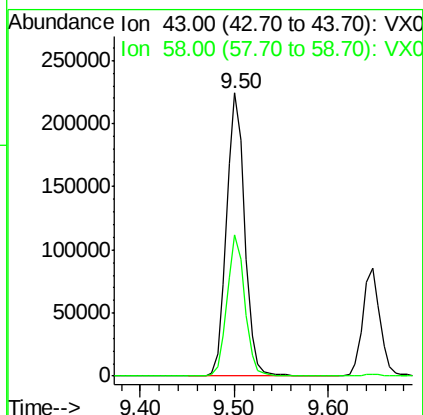
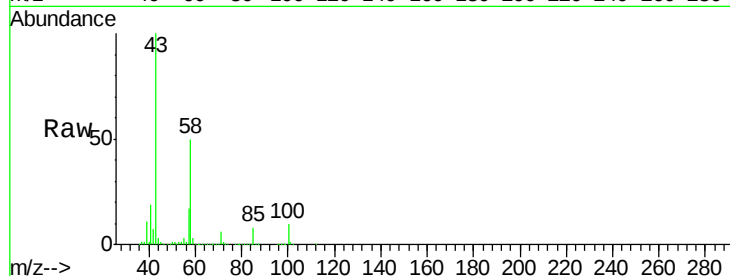




#59
2-Hexanone
Concen: 97.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

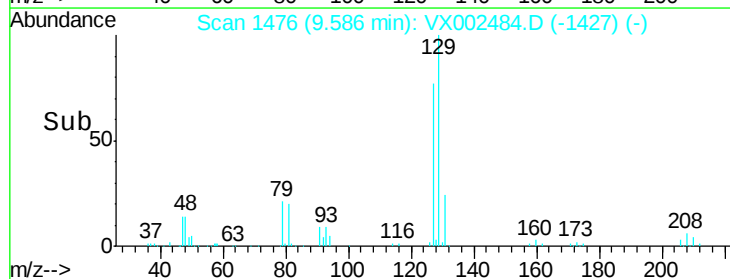
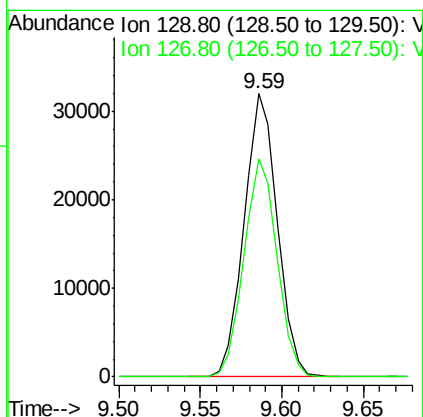
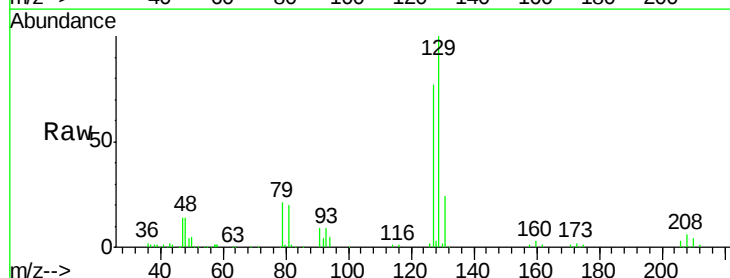
Instrument :
MSVOA_X
ClientSampled :

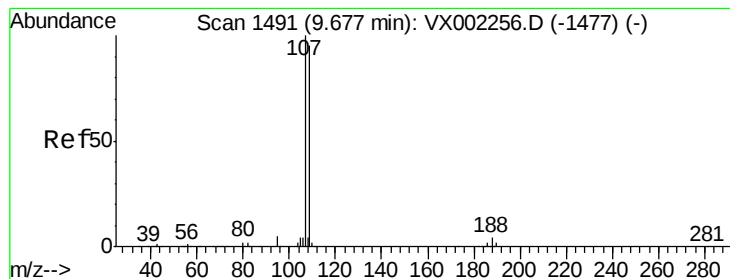
Tot Ion: 43 Resp: 300088
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6



#60
Dibromochloromethane
Concen: 17.88 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion: 129 Resp: 45379
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

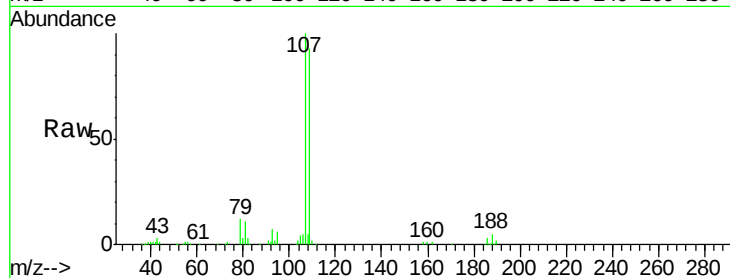
ClientSampleId :

Tot Ion:107 Resp: 50498

Ion Ratio Lower Upper

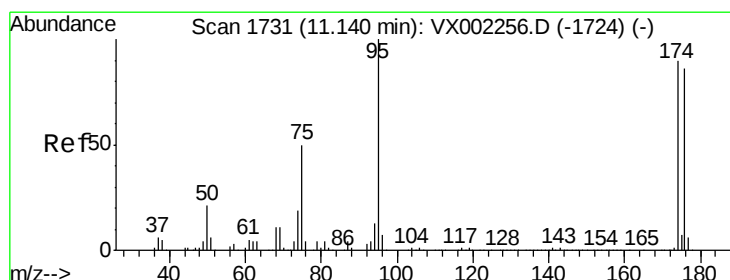
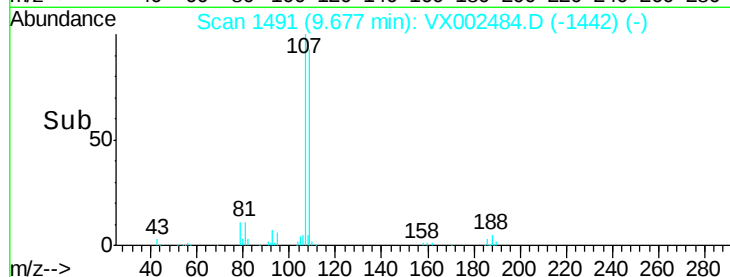
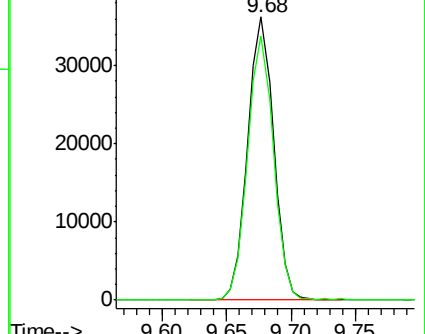
107 100

109 92.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

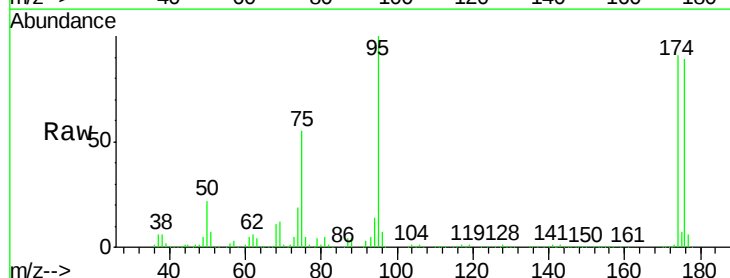
Tgt Ion: 95 Resp: 145449

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

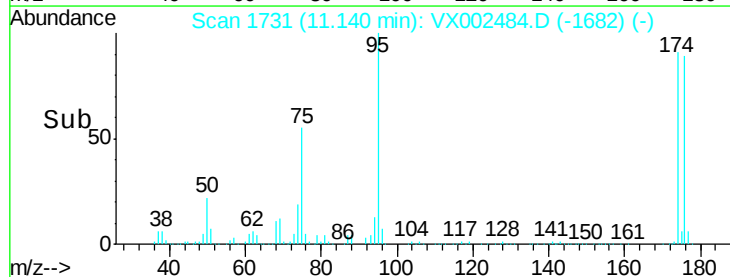
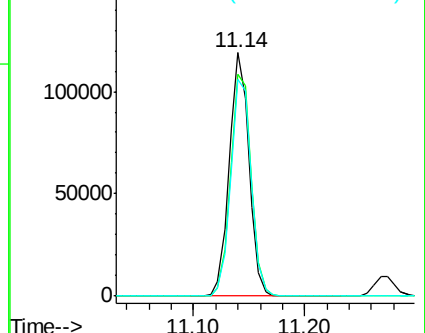
176 92.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

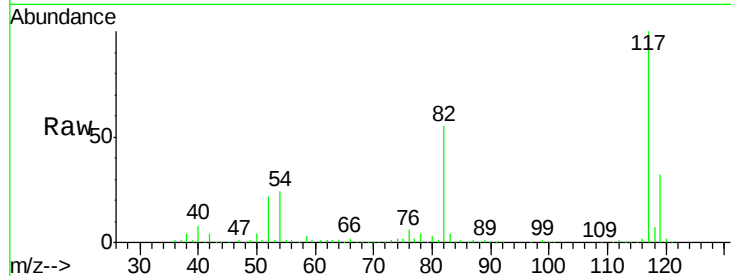




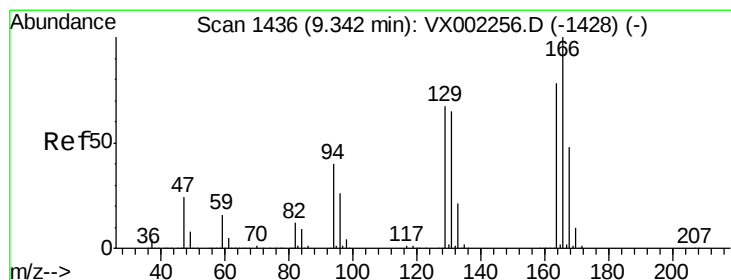
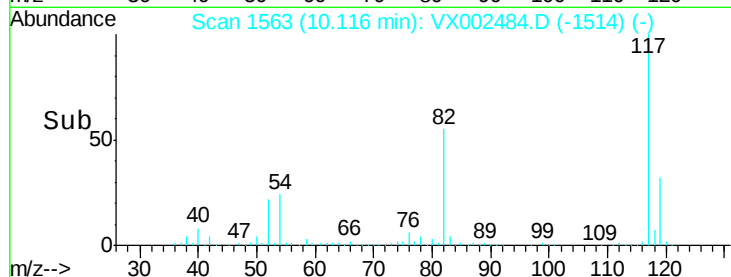
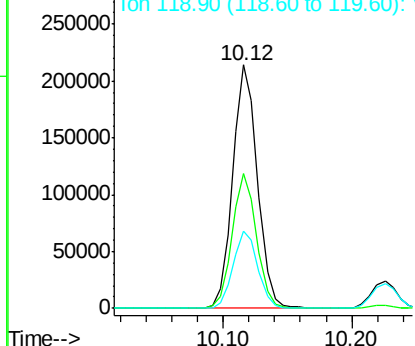
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 286234
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 31.6 25.8 38.6

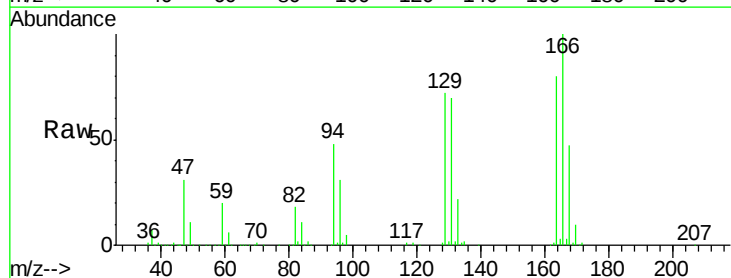


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

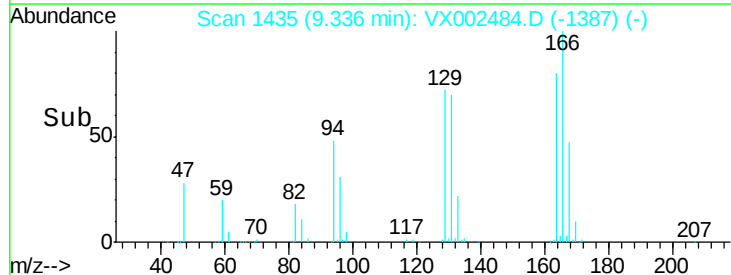
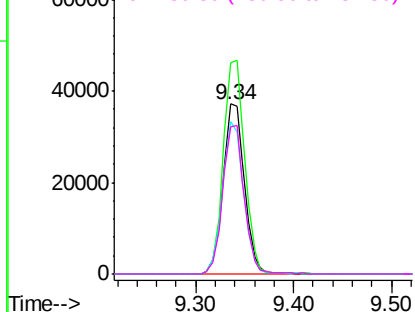


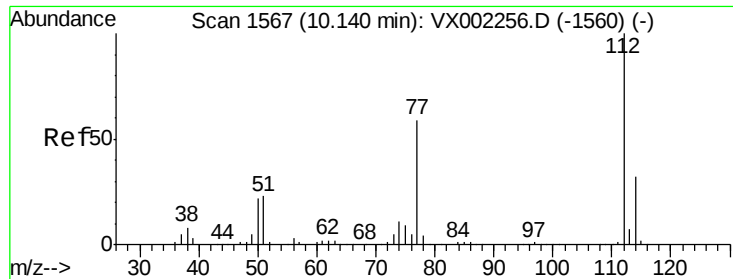
#64
Tetrachloroethene
Concen: 19.11 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion:164 Resp: 56411
Ion Ratio Lower Upper
164 100
166 124.5 102.9 154.3
129 89.5 68.6 102.8
131 86.8 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

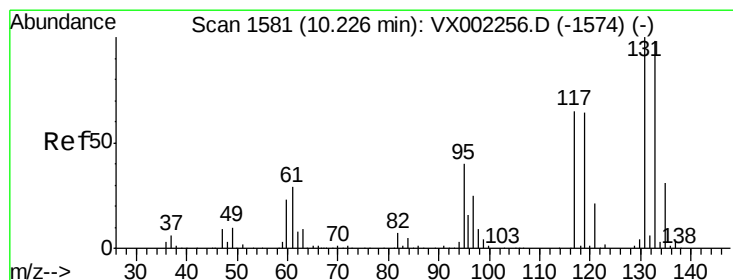
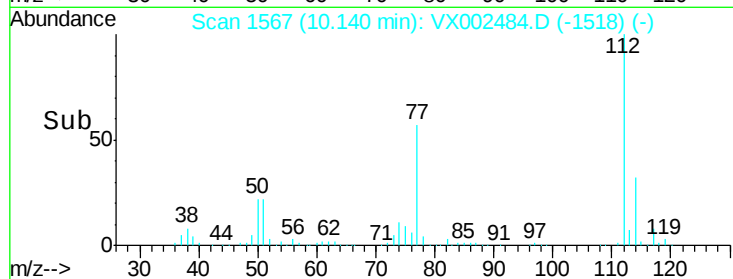
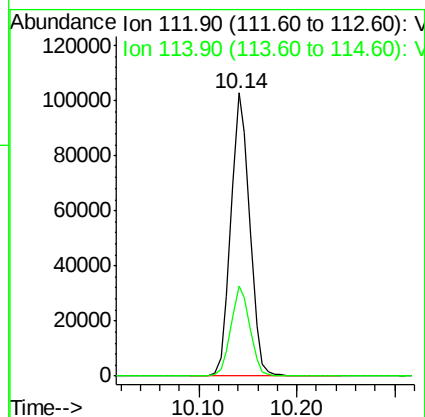
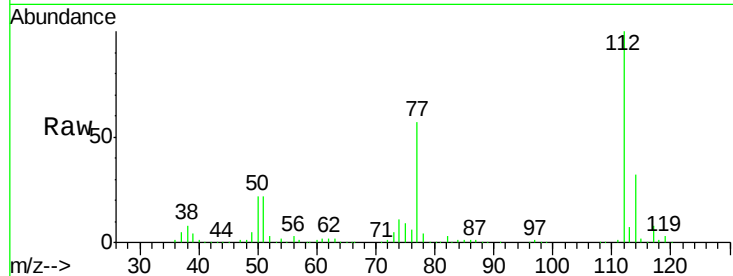




#65
Chlorobenzene
Concen: 19.34 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

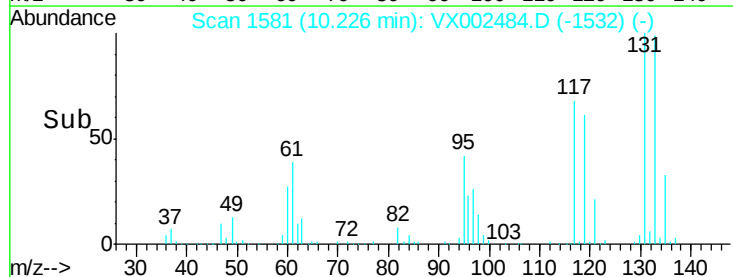
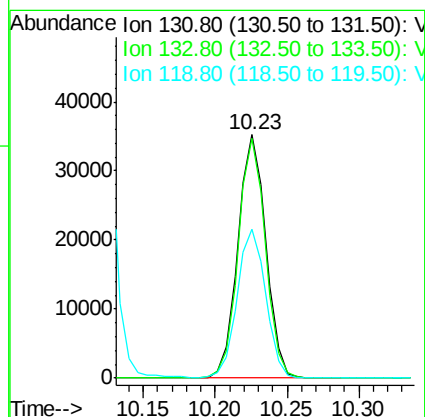
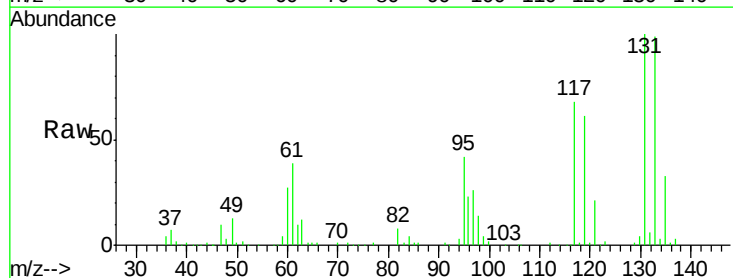
Instrument :
MSVOA_X
ClientSampleId :

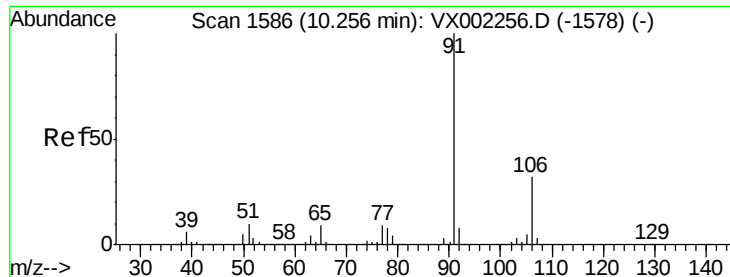
Tot Ion:112 Resp: 137716
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.53 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion:131 Resp: 47777
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.8 31.8 95.3





#67

Ethyl Benzene

Concen: 19.42 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

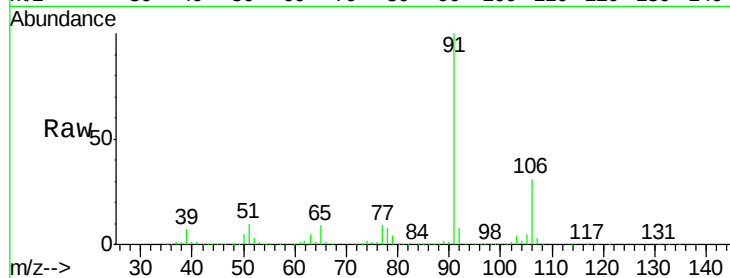
ClientSampled :

Tot Ion: 91 Resp: 231522

Ion Ratio Lower Upper

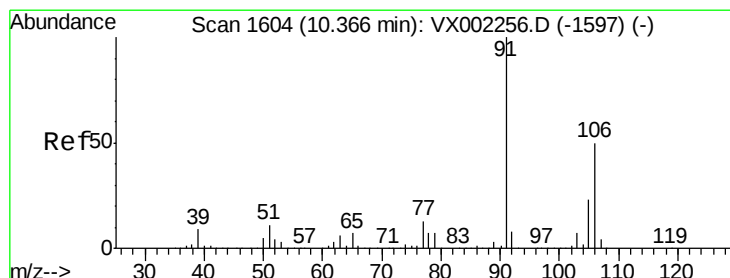
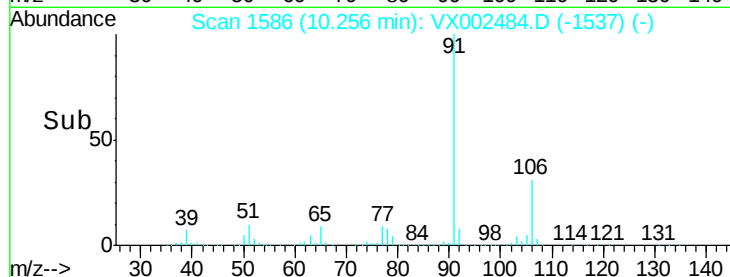
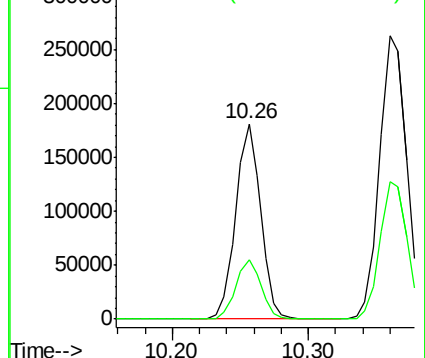
91 100

106 30.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.37 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002484.D

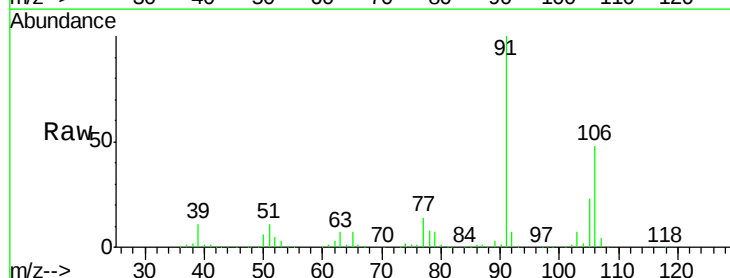
Acq: 12 Jun 2018 23:58

Tgt Ion: 106 Resp: 177769

Ion Ratio Lower Upper

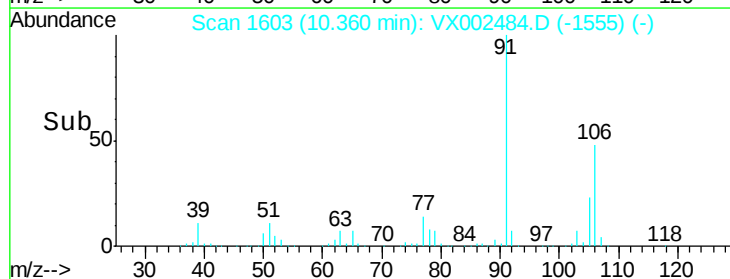
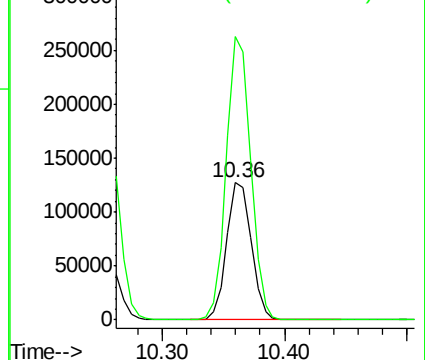
106 100

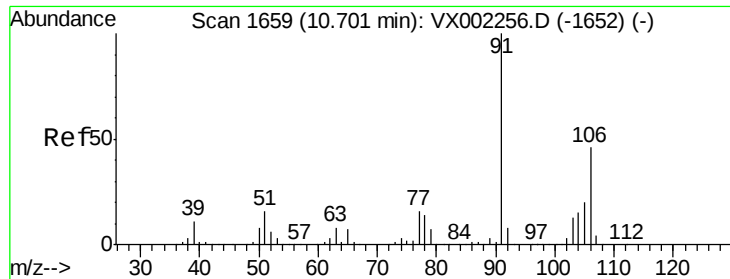
91 203.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

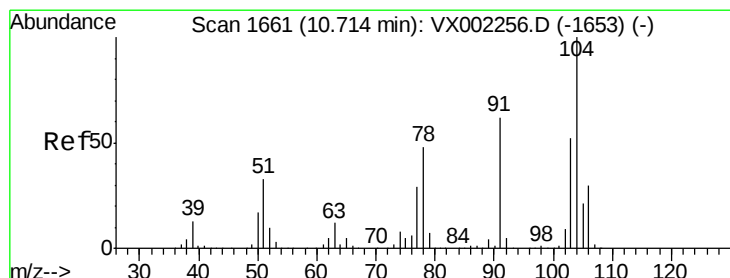
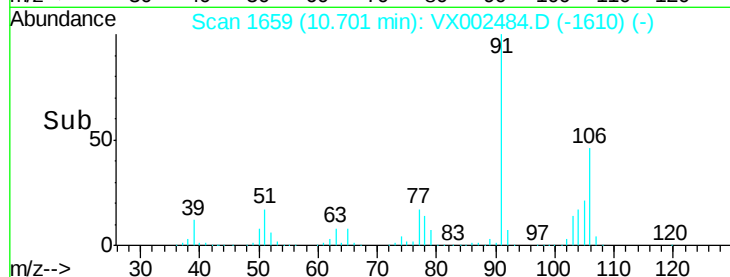
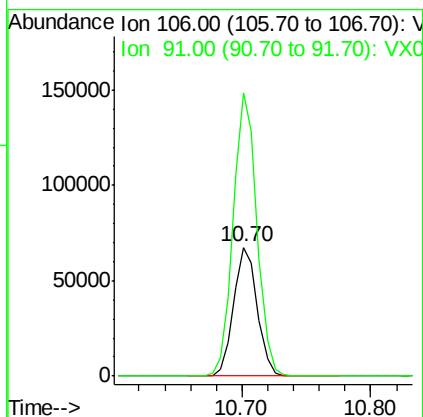
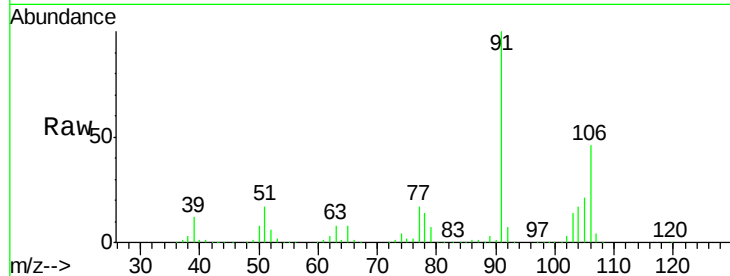




#69
o-Xylene
Concen: 18.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

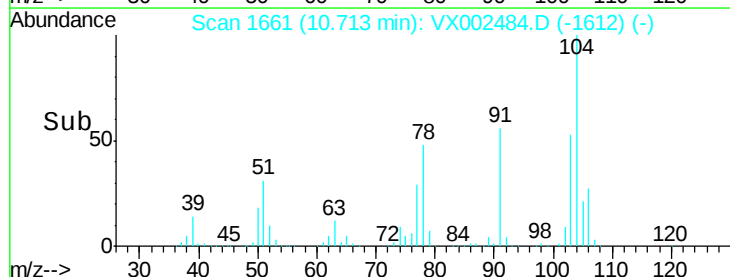
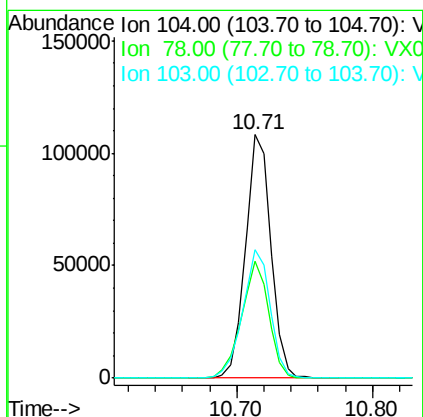
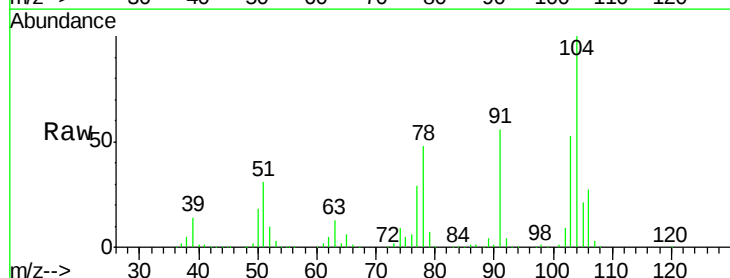
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 86711
Ion Ratio Lower Upper
106 100
91 219.5 108.2 324.6



#70
Styrene
Concen: 18.84 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion:104 Resp: 142021
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.6
103 57.1 44.2 66.4





#71

Bromoform

Concen: 16.81 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampleId :

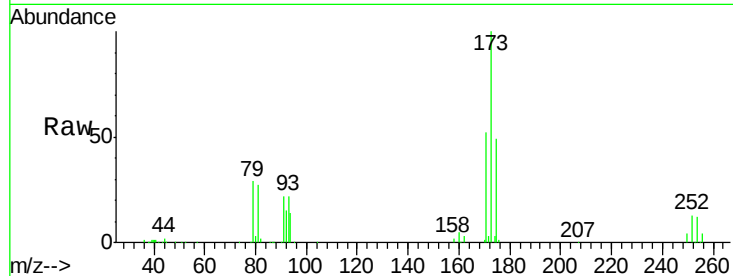
Tot Ion:173 Resp: 33131

Ion Ratio Lower Upper

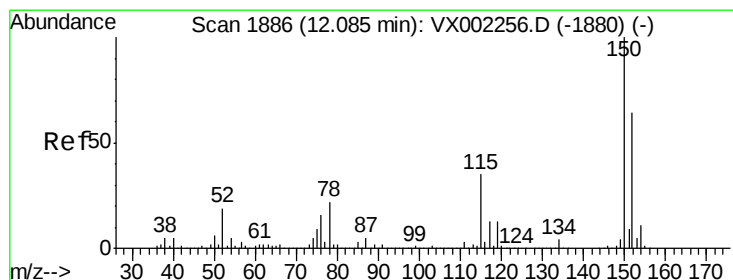
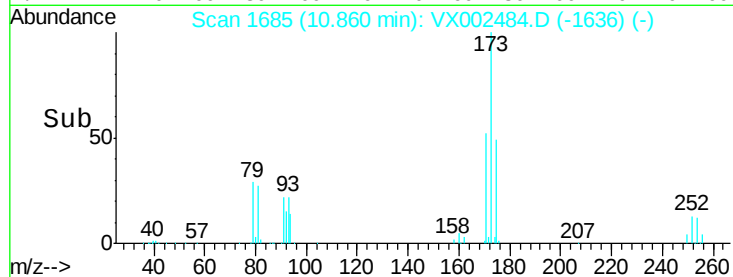
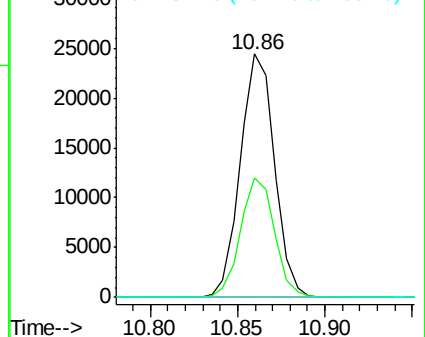
173 100

175 48.8 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# 1885

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

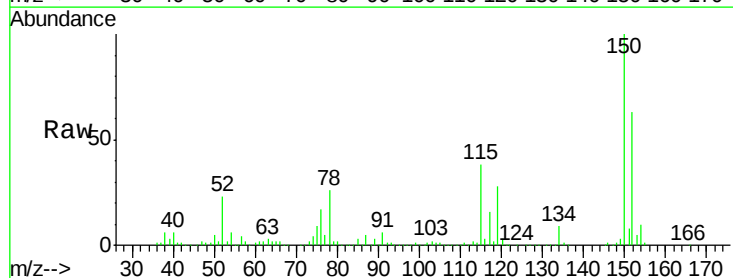
Tgt Ion:152 Resp: 174119

Ion Ratio Lower Upper

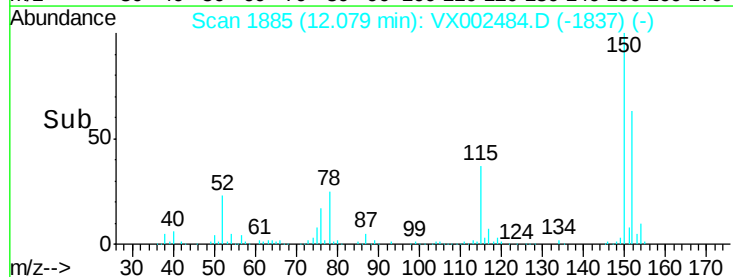
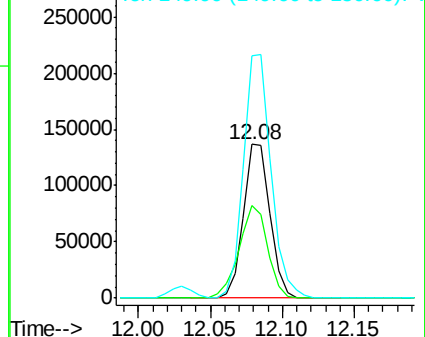
152 100

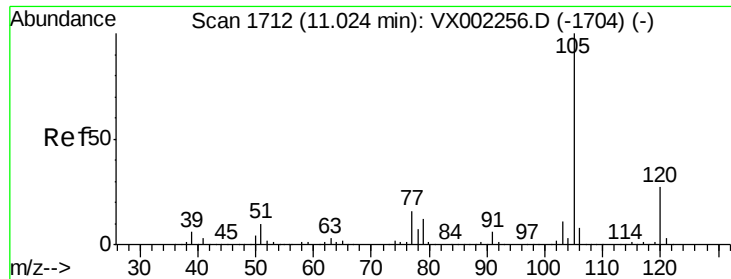
115 65.6 40.1 120.2

150 164.2 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

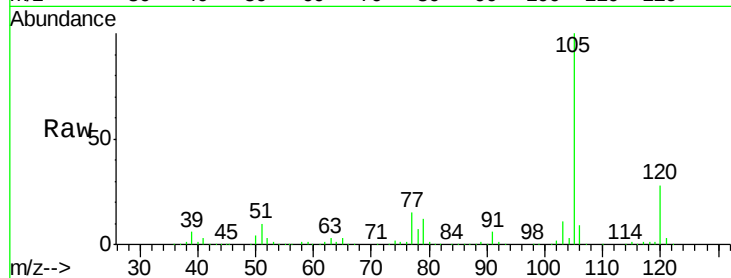
ClientSampleId :

Tot Ion:105 Resp: 238930

Ion Ratio Lower Upper

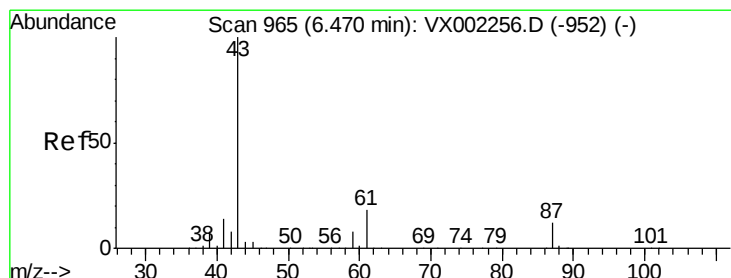
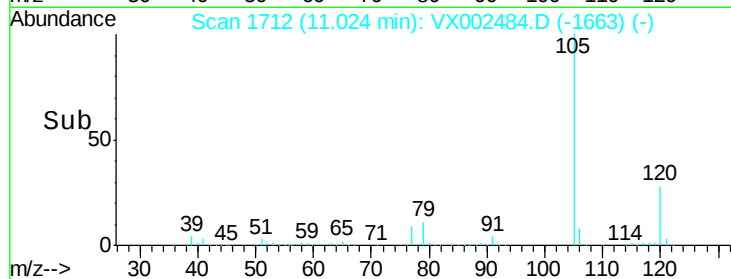
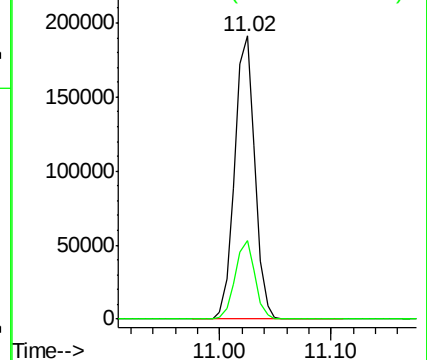
105 100

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: 17.92 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Tgt Ion: 43 Resp: 116962

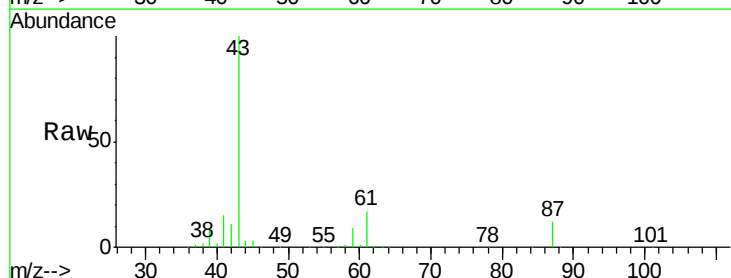
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.4 21.6

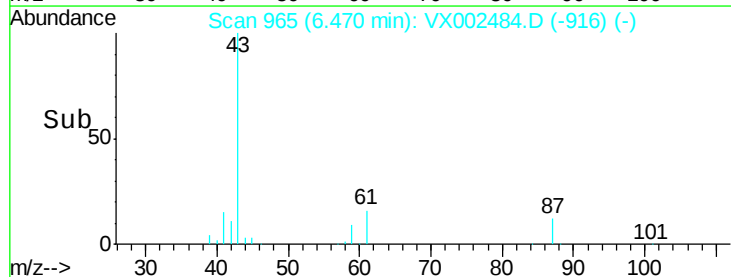
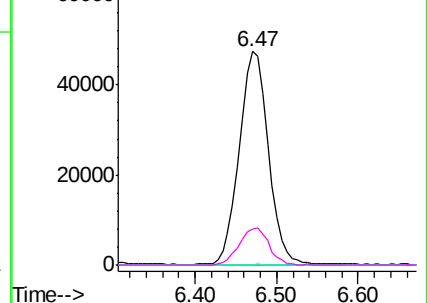


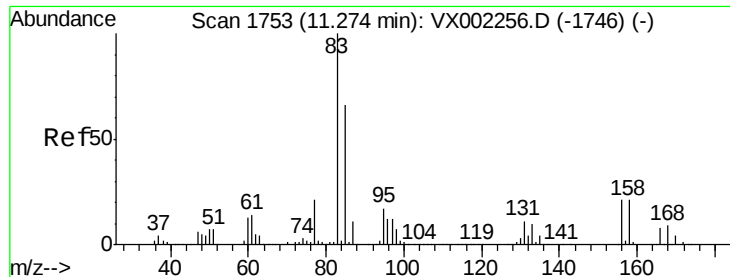
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.63 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampleId :

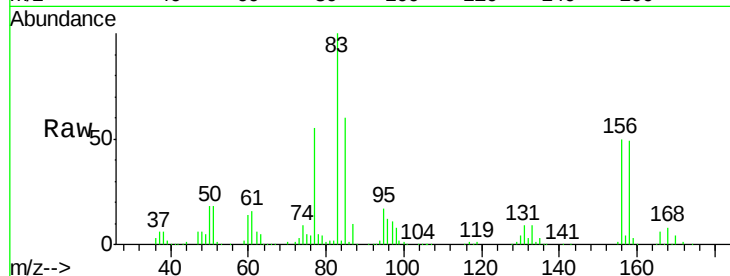
Tot Ion: 83 Resp: 74772

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

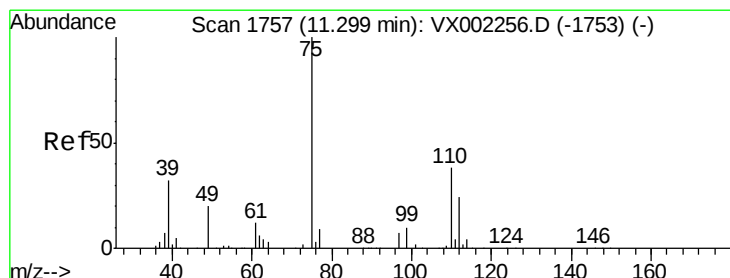
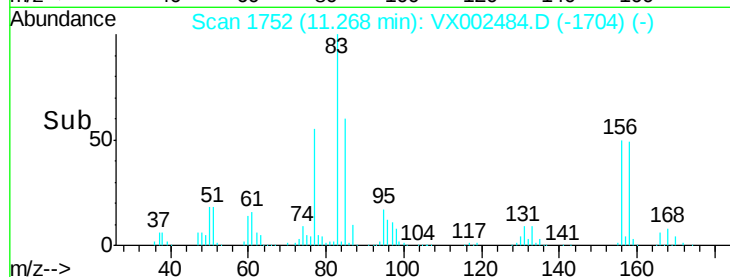
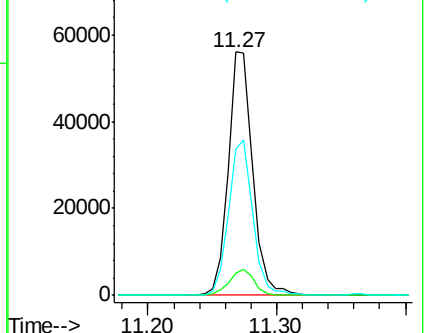
85 63.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002256.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX002256.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX002256.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 20.89 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002484.D

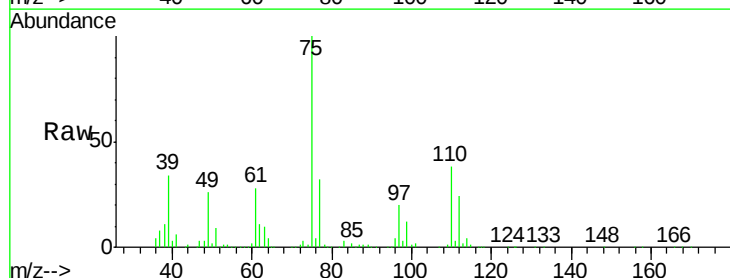
Acq: 12 Jun 2018 23:58

Tgt Ion: 75 Resp: 79796

Ion Ratio Lower Upper

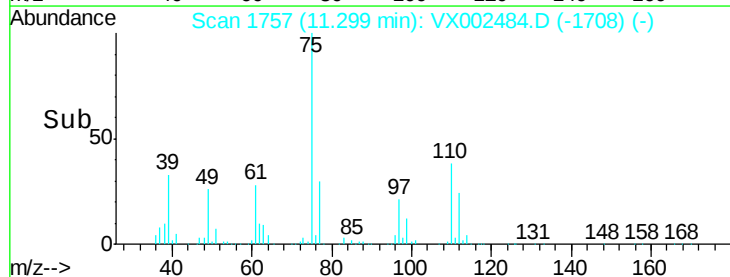
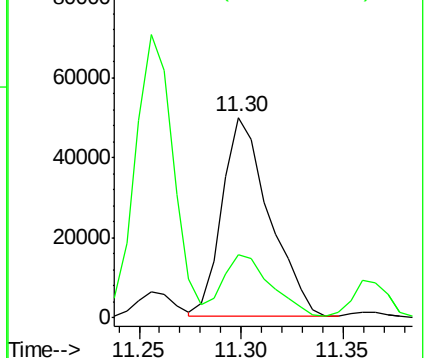
75 100

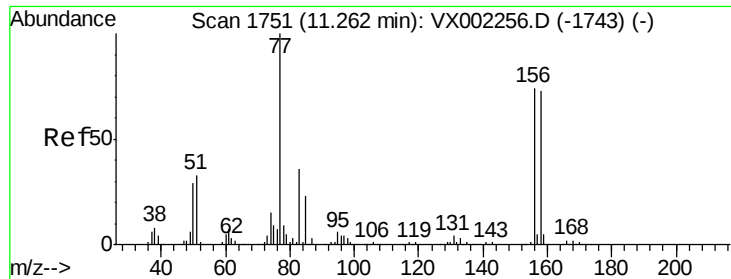
77 33.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002256.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX002256.D (-1753) (-)





#77

Bromobenzene

Concen: 18.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampled :

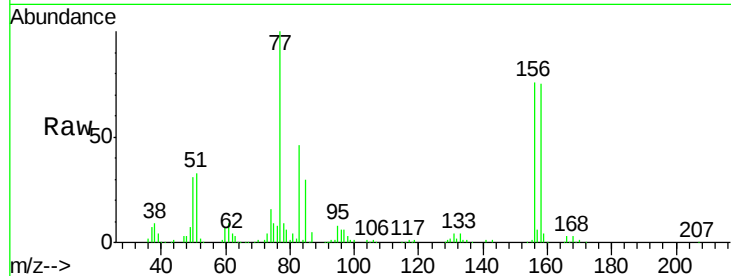
Tot Ion:156 Resp: 64471

Ion Ratio Lower Upper

156 100

77 141.9 71.4 214.2

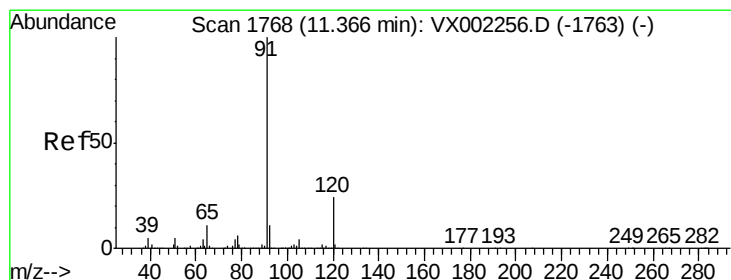
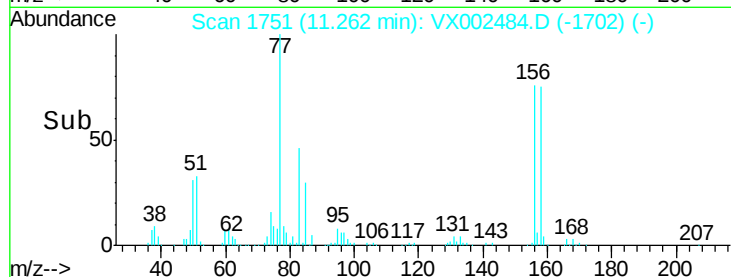
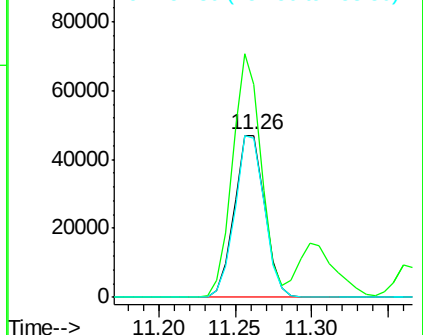
158 97.6 48.9 146.6



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: 20.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002484.D

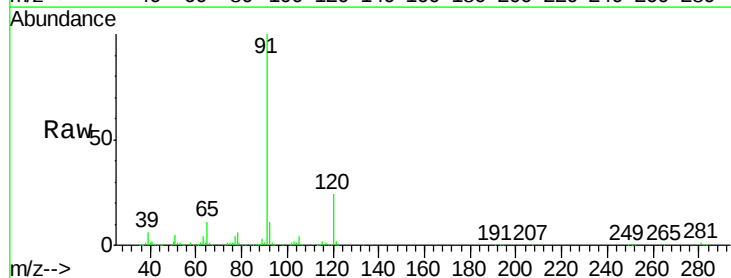
Acq: 12 Jun 2018 23:58

Tgt Ion: 91 Resp: 271207

Ion Ratio Lower Upper

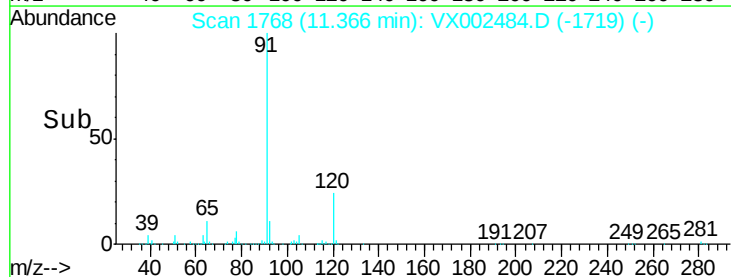
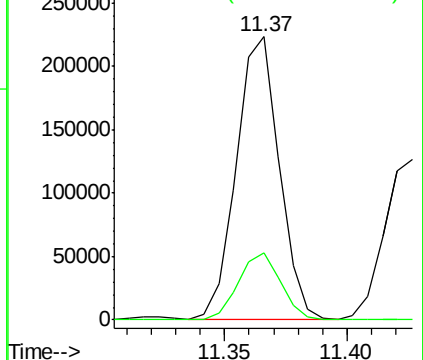
91 100

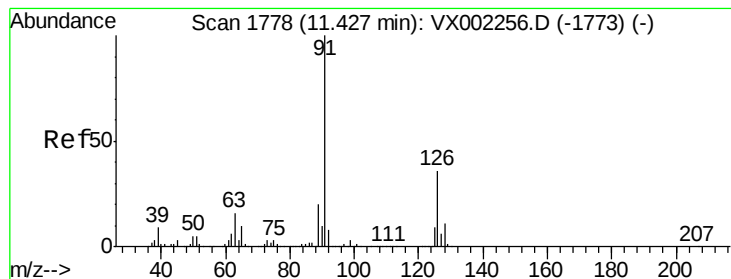
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.96 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

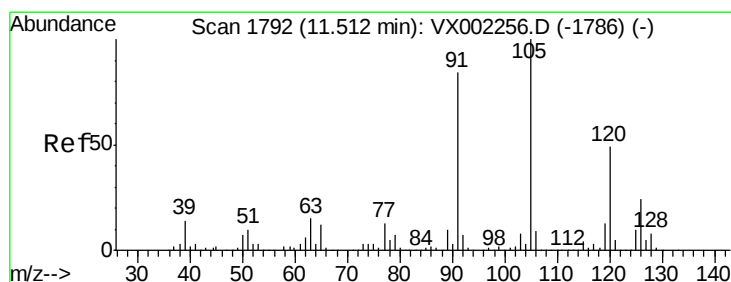
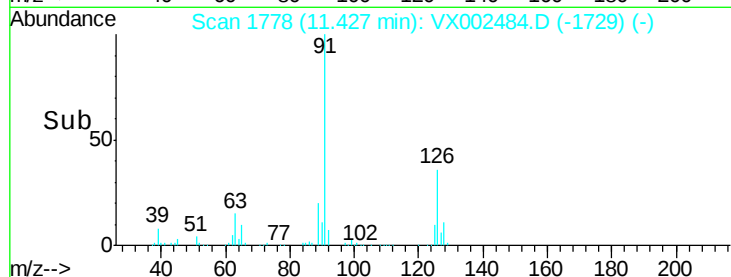
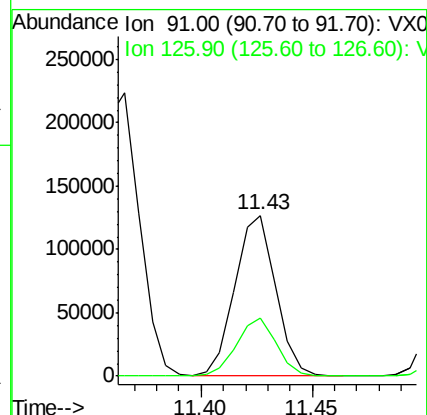
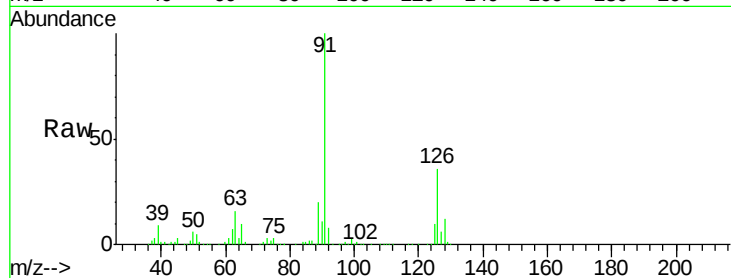
ClientSampled :

Tot Ion: 91 Resp: 161170

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002484.D

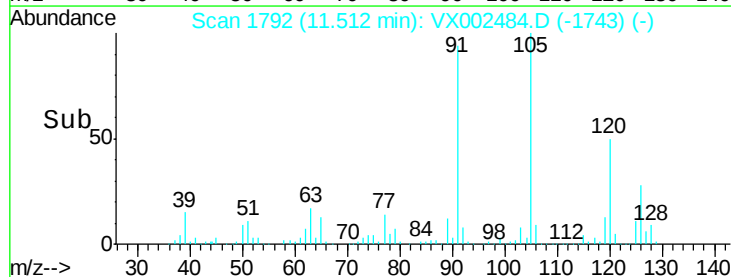
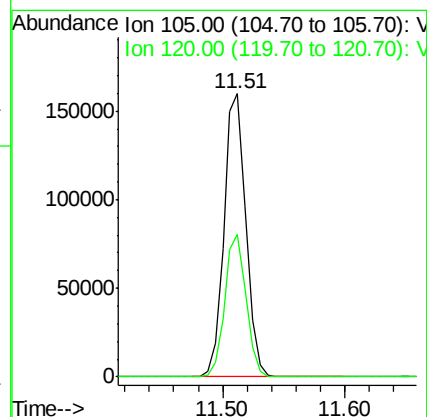
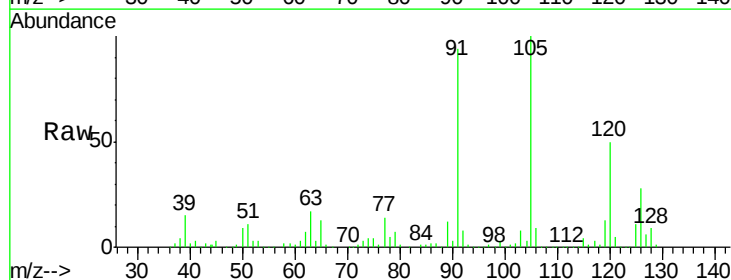
Acq: 12 Jun 2018 23:58

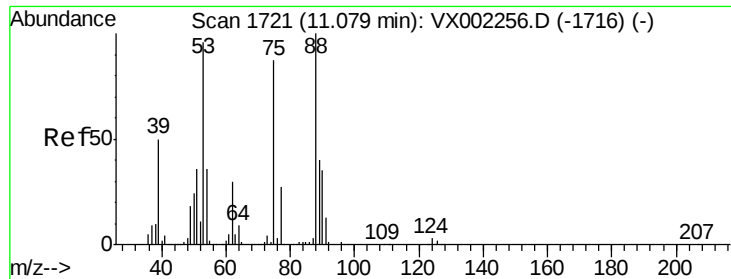
Tgt Ion:105 Resp: 198601

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 13.57 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampled :

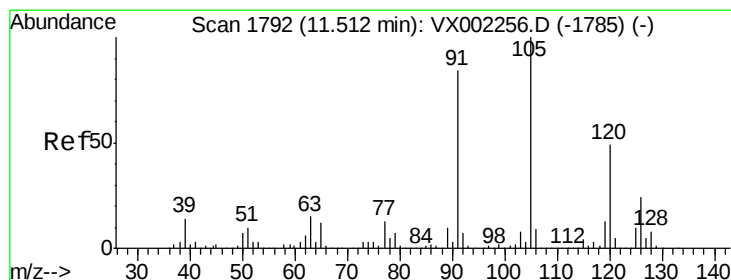
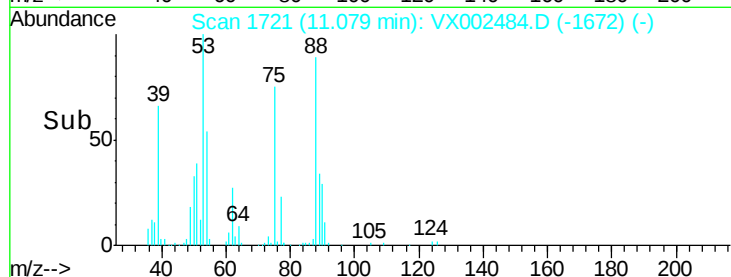
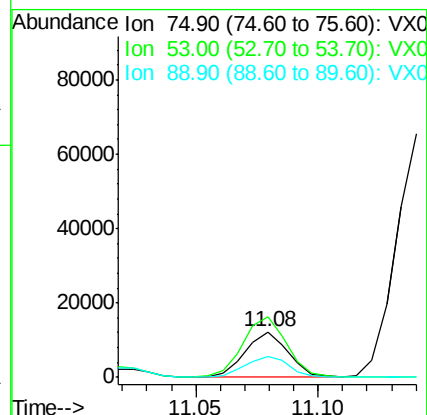
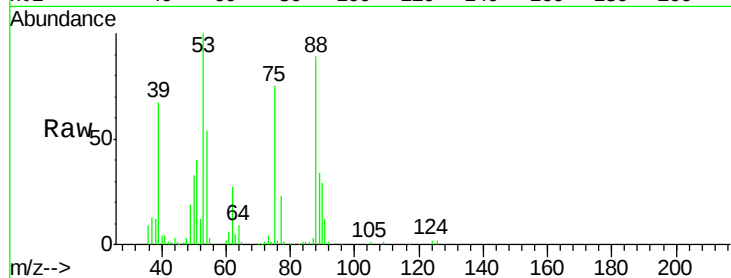
Tot Ion: 75 Resp: 14787

Ion Ratio Lower Upper

75 100

53 136.6 86.8 130.2#

89 48.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002484.D

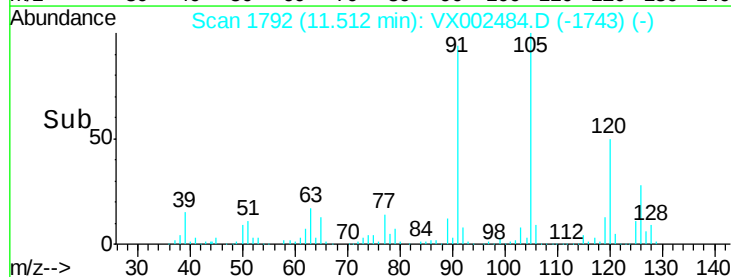
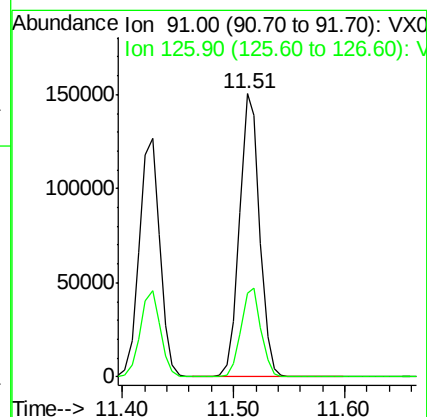
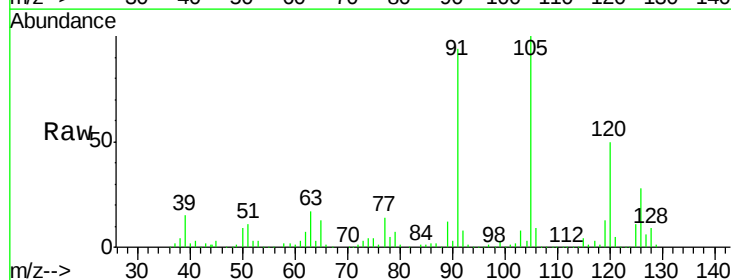
Acq: 12 Jun 2018 23:58

Tgt Ion: 91 Resp: 187588

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4

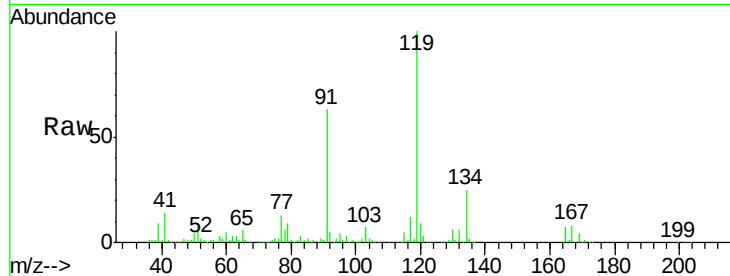




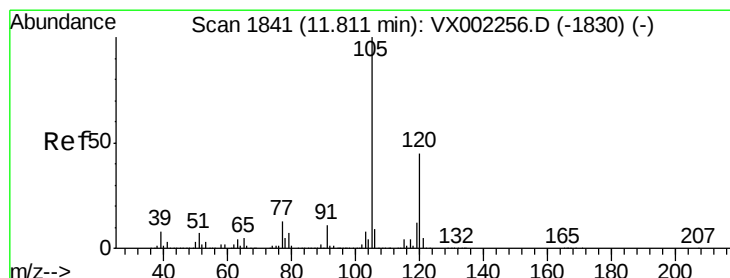
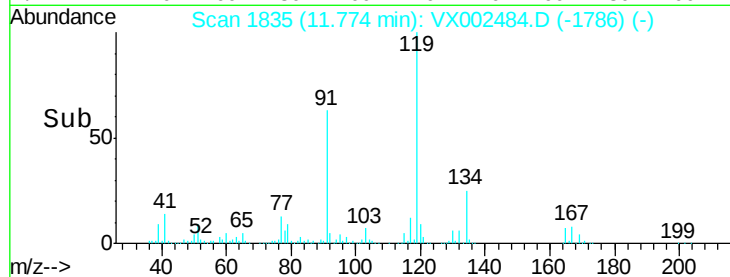
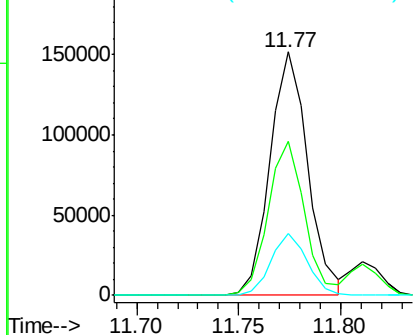
#83
 tert-Butylbenzene
 Concen: 19.37 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.3	90.9
134	24.2	11.7	35.1

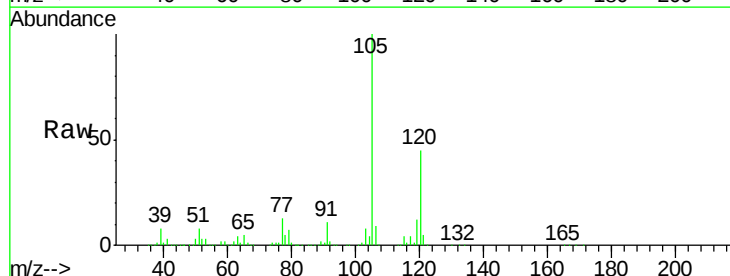


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

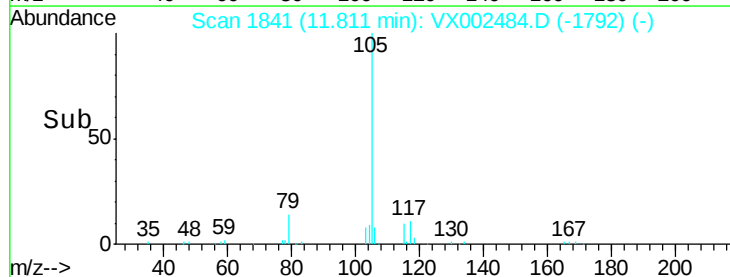
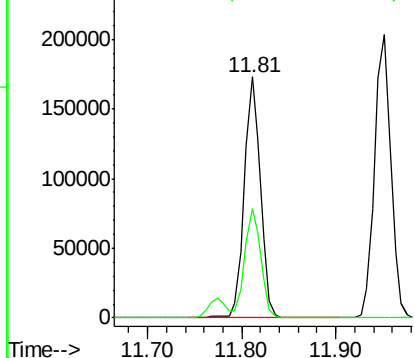


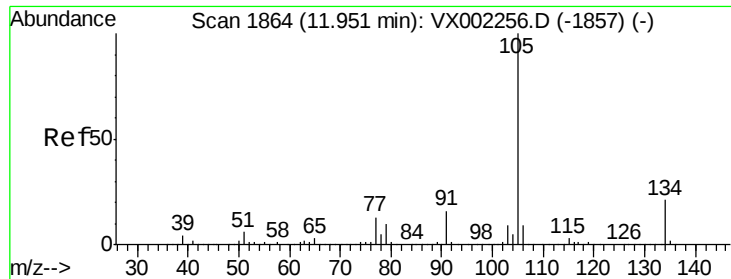
#84
 1,2,4-Trimethylbenzene
 Concen: 19.24 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.65 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

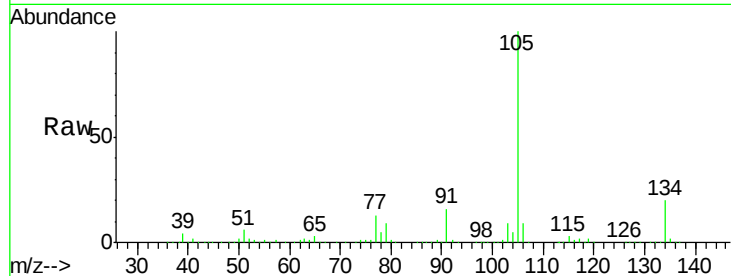
ClientSampleId :

Tot Ion:105 Resp: 244967

Ion Ratio Lower Upper

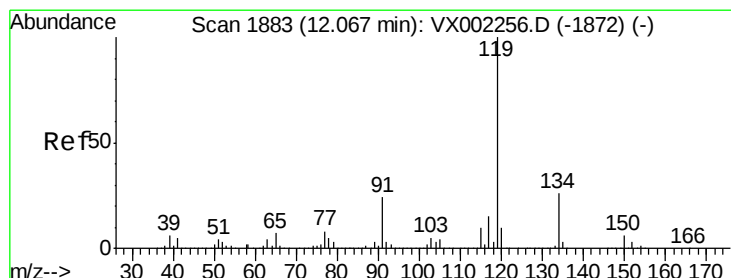
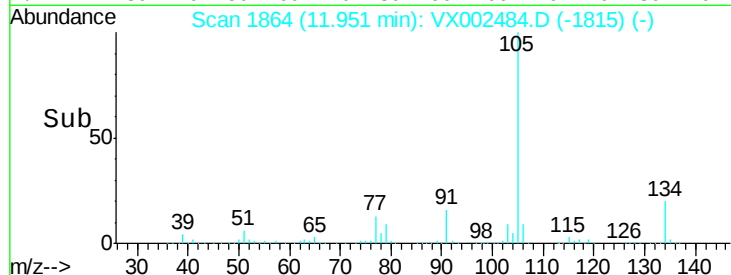
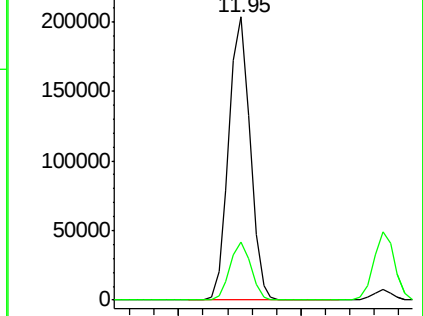
105 100

134 20.2 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: 19.73 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

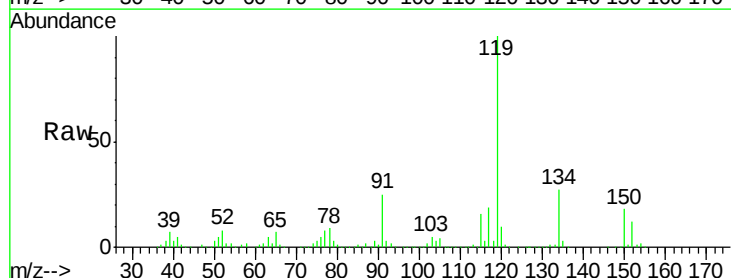
Tgt Ion:119 Resp: 213106

Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.1

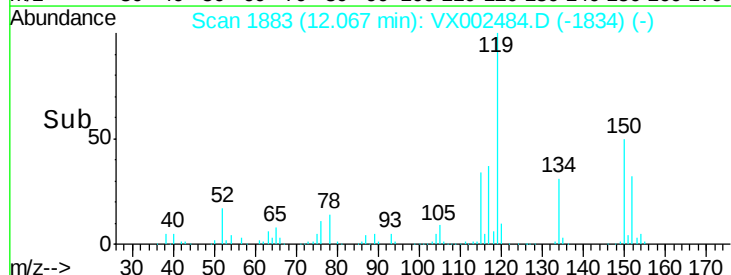
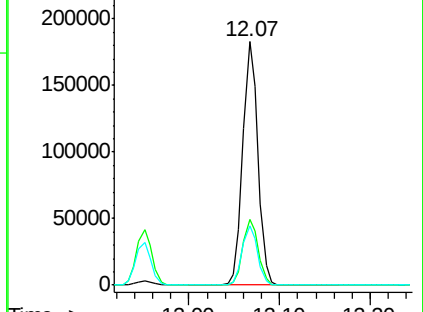
91 24.9 11.9 35.7

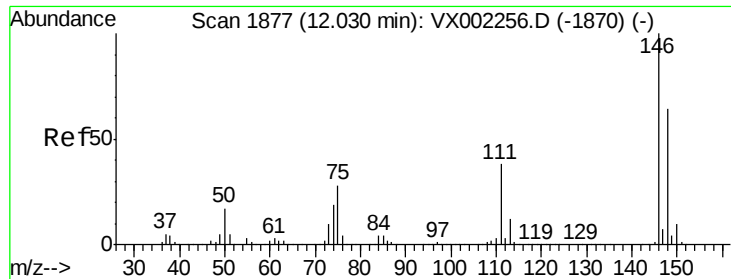


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.33 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

Instrument :

MSVOA_X

ClientSampled :

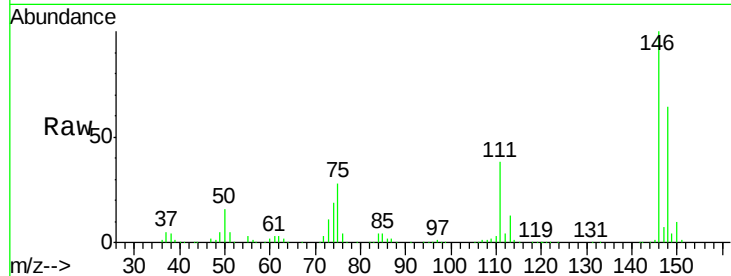
Tot Ion:146 Resp: 117555

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.7

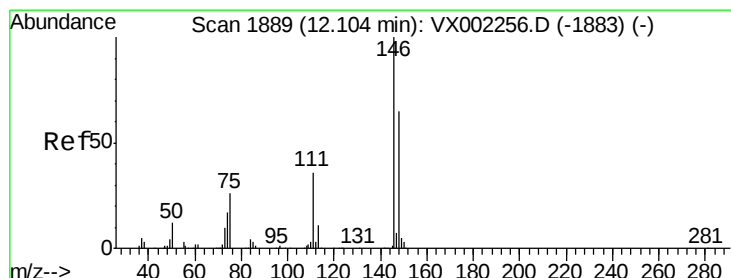
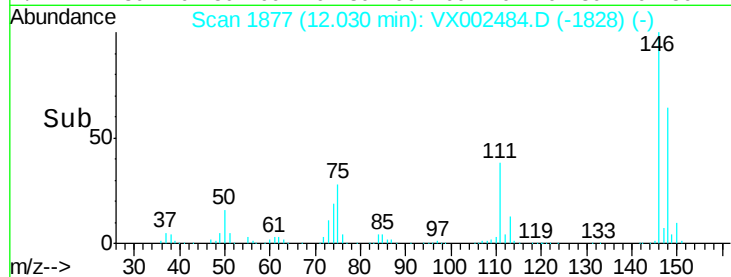
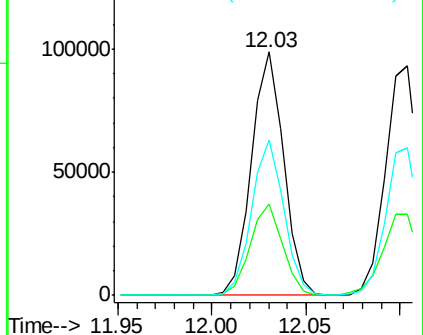
148 63.6 32.1 96.3



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: 18.96 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002484.D

Acq: 12 Jun 2018 23:58

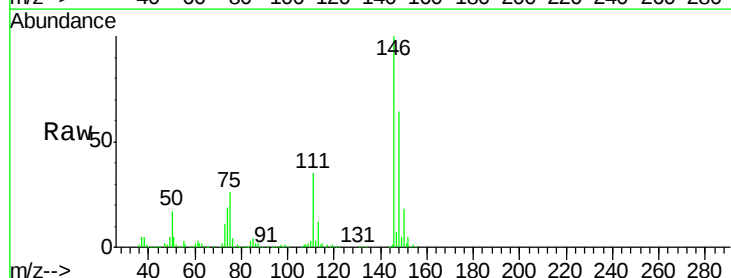
Tgt Ion:146 Resp: 118823

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

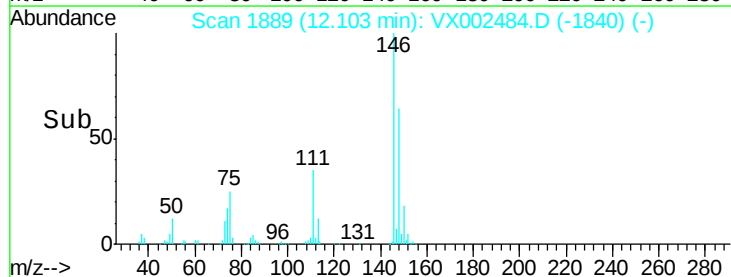
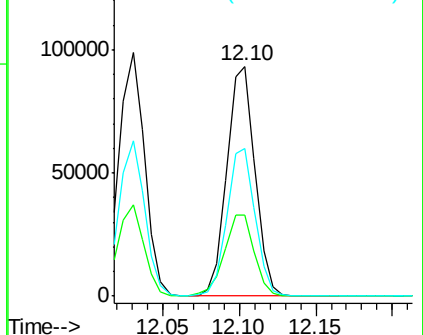
148 64.5 32.4 97.0

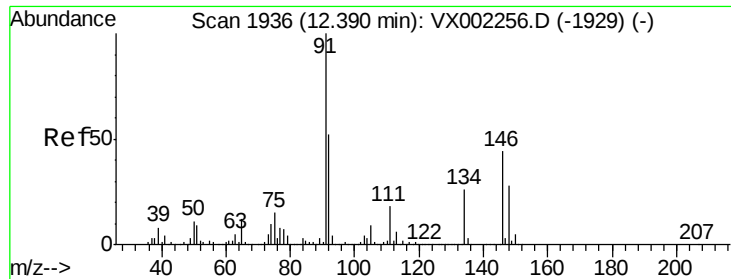


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

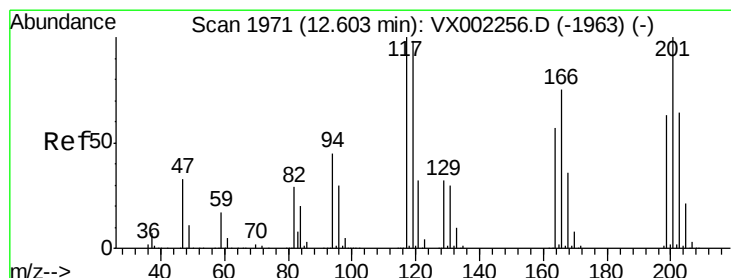
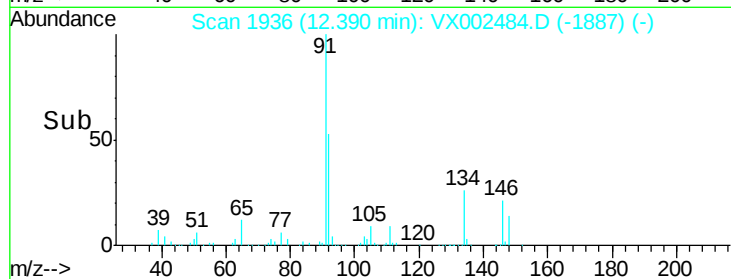
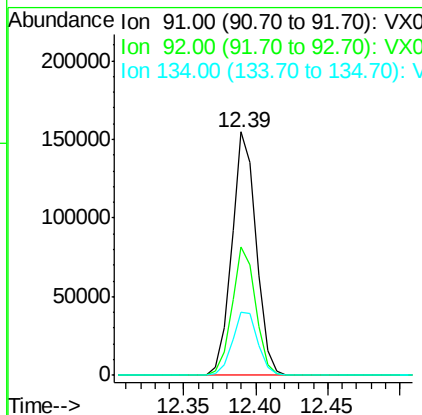
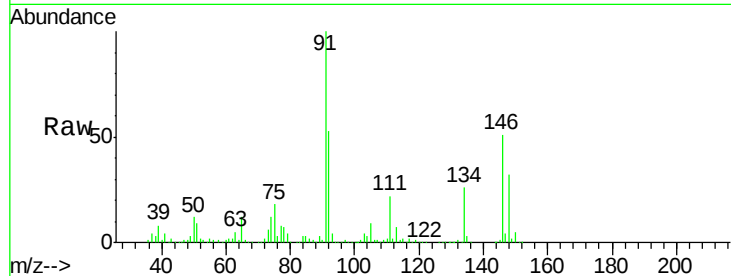




#89
n-Butylbenzene
Concen: 20.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

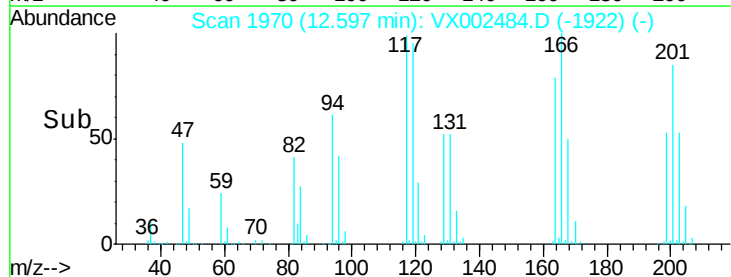
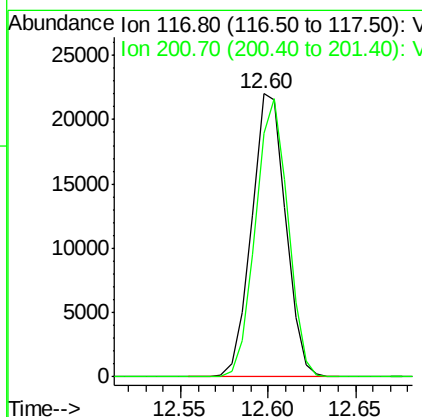
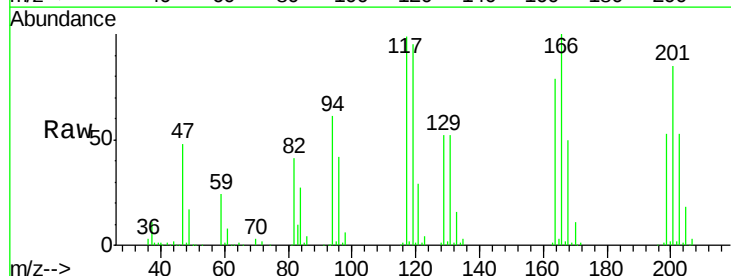
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 183628
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 17.25 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion: 117 Resp: 29746
Ion Ratio Lower Upper
117 100
201 93.4 49.0 147.0

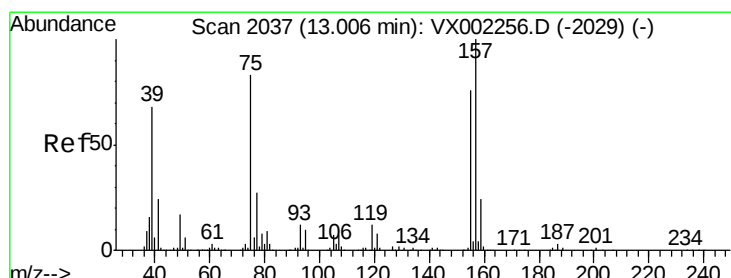
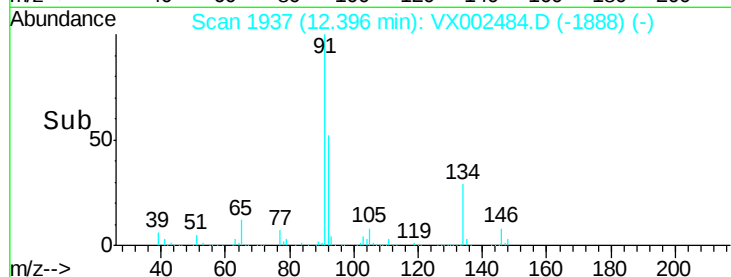
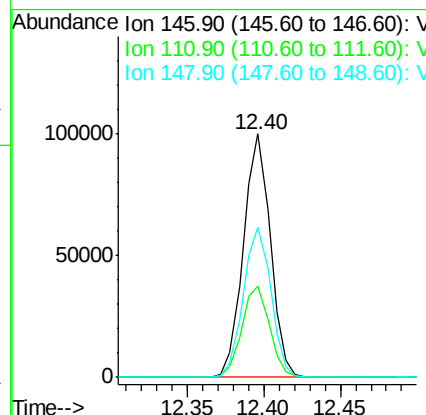
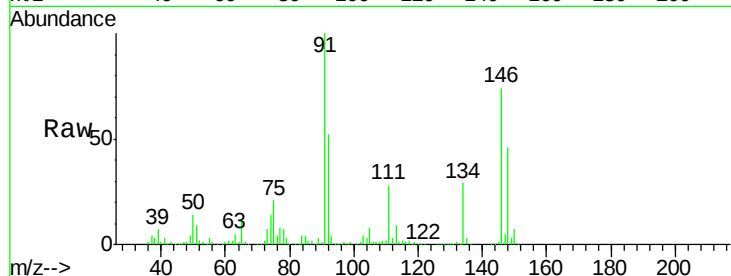




#91
 1,2-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

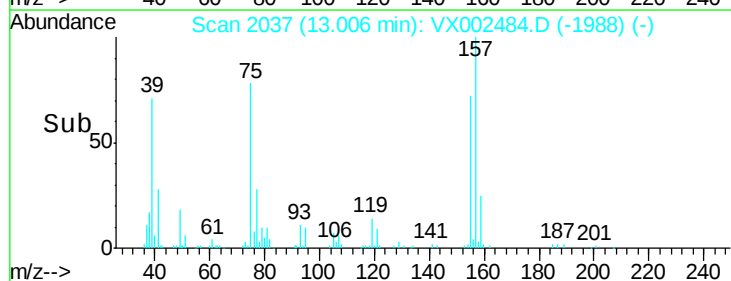
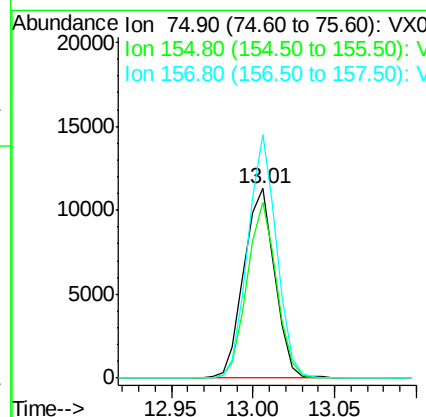
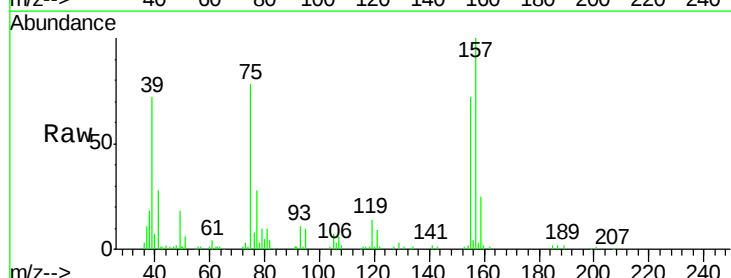
Instrument :
 MSVOA_X
 ClientSampled :

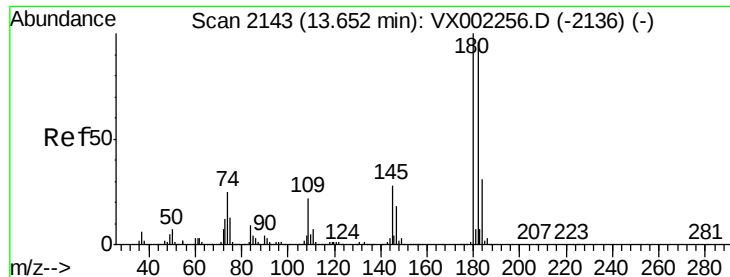
Tot Ion:146 Resp: 121870
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Tgt Ion: 75 Resp: 14971
 Ion Ratio Lower Upper
 75 100
 155 88.0 45.8 137.4
 157 118.4 60.1 180.3

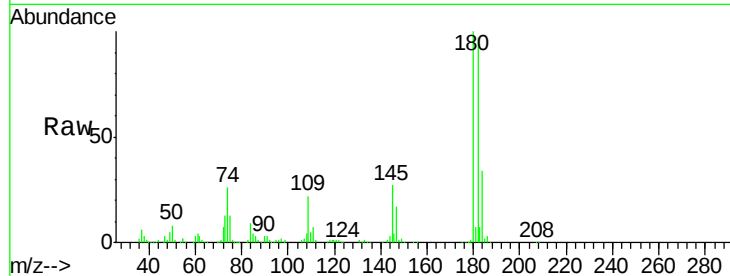




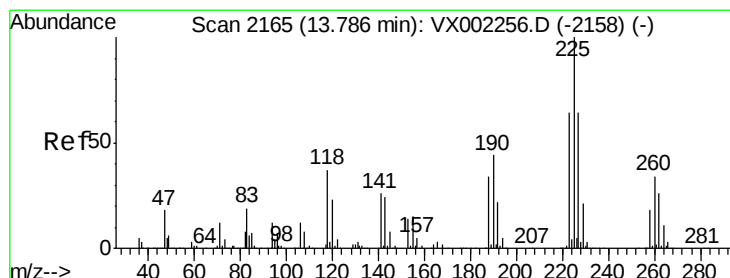
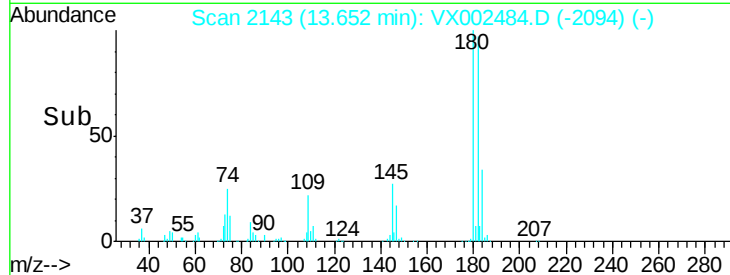
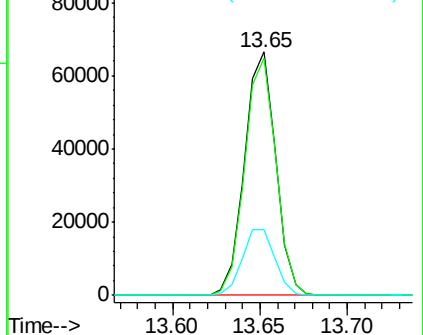
#93
 1,2,4-Trichlorobenzene
 Concen: 18.69 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 82426
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.7 143.1
 145 28.5 14.1 42.4

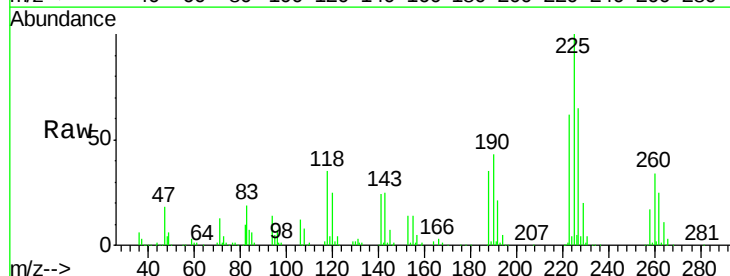


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

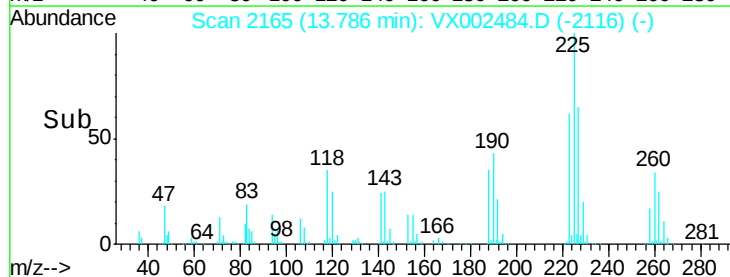
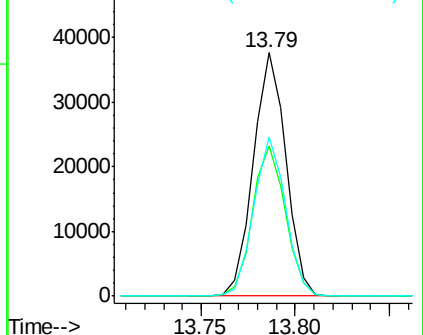


#94
 Hexachlorobutadiene
 Concen: 20.73 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002484.D
 Acq: 12 Jun 2018 23:58

Tgt Ion:225 Resp: 45190
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 63.9 32.4 97.2



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

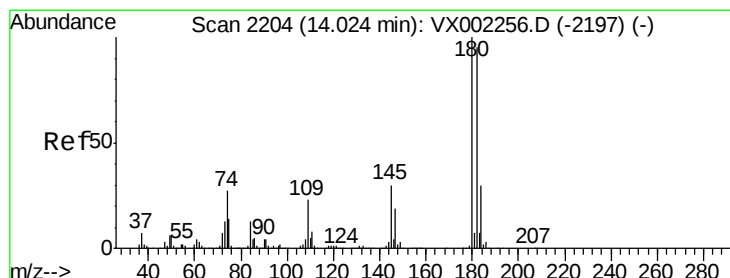
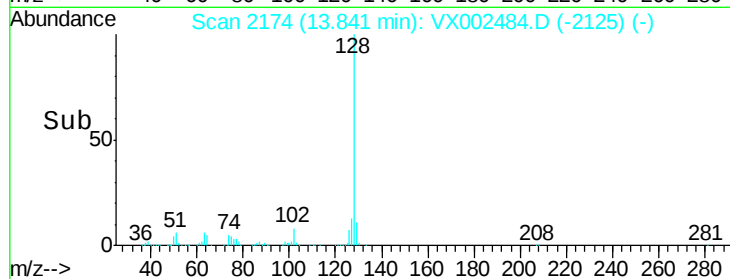
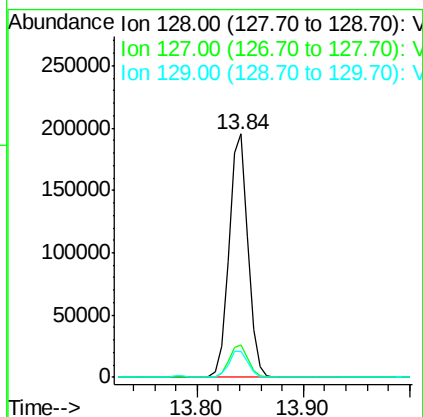
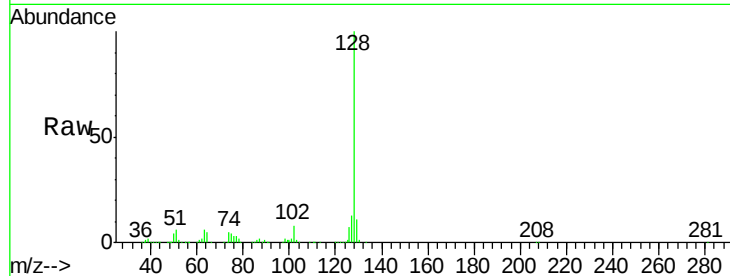




#95
Naphthalene
Concen: 19.09 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 241893
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.18 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002484.D
Acq: 12 Jun 2018 23:58

Tgt Ion:180 Resp: 86282
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 30.0 14.8 44.3

