

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002468.D
 Acq On : 12 Jun 2018 15:58
 Operator : JC/MD
 Sample : VX0612WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:25:39 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	245884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174592	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.51	113	133014	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.72	98	510643	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.14	95	190365	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49407	19.33	ug/l	98
3) Chloromethane	1.32	50	58892	18.29	ug/l	98
4) Vinyl Chloride	1.41	62	66740	20.72	ug/l	100
5) Bromomethane	1.64	94	39421	19.59	ug/l	98
6) Chloroethane	1.72	64	45043	21.62	ug/l	100
7) Trichlorofluoromethane	1.93	101	116429	23.72	ug/l	97
8) Diethyl Ether	2.19	74	42313	22.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66433	25.08	ug/l	99
10) Methyl Iodide	2.51	142	64086	17.20	ug/l	99
11) Tert butyl alcohol	3.07	59	84937	106.51	ug/l	96
12) 1,1-Dichloroethene	2.37	96	57894	22.12	ug/l	96
13) Acrolein	2.30	56	27119	70.68	ug/l	96
14) Allyl chloride	2.73	41	115887	20.40	ug/l	98
15) Acrylonitrile	3.15	53	183191	117.27	ug/l	100
16) Acetone	2.45	43	204472	125.68	ug/l	99
17) Carbon Disulfide	2.57	76	122912	17.82	ug/l	98
18) Methyl Acetate	2.78	43	91716	24.67	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	224415	23.35	ug/l	100
20) Methylene Chloride	2.86	84	66620	22.44	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	61878	21.44	ug/l	94
22) Diisopropyl ether	3.88	45	204369	20.66	ug/l	98
23) Vinyl Acetate	3.83	43	873789	94.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121654	21.67	ug/l	99
25) 2-Butanone	4.71	43	240489	99.75	ug/l	100
26) 2,2-Dichloropropane	4.59	77	83706	19.07	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61683	19.65	ug/l	98
28) Bromochloromethane	5.02	49	58153	22.39	ug/l	99
29) Tetrahydrofuran	5.17	42	149715	96.32	ug/l	98
30) Chloroform	5.23	83	109493	20.21	ug/l	98
31) Cyclohexane	5.57	56	90653	20.42	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	93601	20.37	ug/l	99
36) 1,1-Dichloropropene	5.81	75	77103	20.54	ug/l	99
37) Ethyl Acetate	4.87	43	90994	20.15	ug/l	100
38) Carbon Tetrachloride	5.79	117	81289	20.70	ug/l	96

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Instrument :
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 ClientSampleId :

Quant Time: Jun 13 01:25:39 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	91720	19.93	ug/l	99
40) Benzene	6.15	78	233920	20.32	ug/l	98
41) Methacrylonitrile	5.07	41	51696	20.00	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93266	20.39	ug/l	99
43) Isopropyl Acetate	6.47	43	150841	19.67	ug/l	99
44) Trichloroethene	7.22	130	66153	20.70	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60792	19.56	ug/l	99
46) Dibromomethane	7.67	93	42897	20.36	ug/l	97
47) Bromodichloromethane	7.90	83	77552	20.35	ug/l	99
48) Methyl methacrylate	7.78	41	77540	20.13	ug/l	99
49) 1,4-Dioxane	7.76	88	30122	418.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	502301	105.17	ug/l	99
52) Toluene	8.79	92	152203	20.79	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90404	19.78	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	82418	19.12	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63463	21.07	ug/l	99
56) Ethyl methacrylate	9.18	69	95447	19.85	ug/l	99
57) 1,3-Dichloropropane	9.38	76	104507	20.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261730	117.62	ug/l	99
59) 2-Hexanone	9.50	43	386120	104.67	ug/l	99
60) Dibromochloromethane	9.59	129	60758	20.06	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64611	20.58	ug/l	98
64) Tetrachloroethene	9.34	164	75703	21.38	ug/l	96
65) Chlorobenzene	10.14	112	174829	20.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62920	20.34	ug/l	99
67) Ethyl Benzene	10.26	91	300888	21.04	ug/l	99
68) m/p-Xylenes	10.36	106	230166	41.41	ug/l	98
69) o-Xylene	10.70	106	113105	20.45	ug/l	100
70) Styrene	10.71	104	186840	20.66	ug/l	99
71) Bromoform	10.86	173	44791	18.51	ug/l	100
73) Isopropylbenzene	11.02	105	312980	20.86	ug/l	99
74) N-amyl acetate	6.47	43	150841	18.66	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94982	20.13	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105379	22.27	ug/l	81
77) Bromobenzene	11.26	156	83130	19.74	ug/l	99
78) n-propylbenzene	11.37	91	358049	21.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	210330	19.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	266842	20.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22228	16.47	ug/l	89
82) 4-Chlorotoluene	11.51	91	249032	20.49	ug/l	100
83) tert-Butylbenzene	11.77	119	258002	20.59	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	273331	20.64	ug/l	98
85) sec-Butylbenzene	11.95	105	324354	22.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	290544	21.71	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	152881	20.30	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156869	20.21	ug/l	99
89) n-Butylbenzene	12.39	91	253499	22.59	ug/l	99
90) Hexachloroethane	12.60	117	39378	18.44	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	157351	20.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20004	19.39	ug/l	97

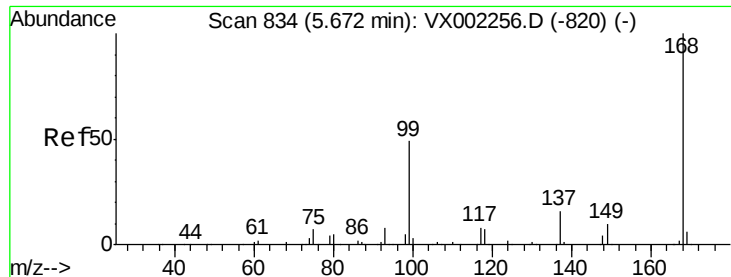
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111375	20.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	61337	22.72	ug/l	98
95) Naphthalene	13.84	128	319742	20.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115884	20.80	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: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

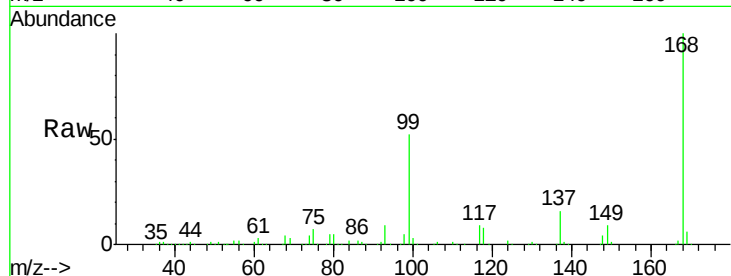
ClientSampleId :

Tot Ion:168 Resp: 245884

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

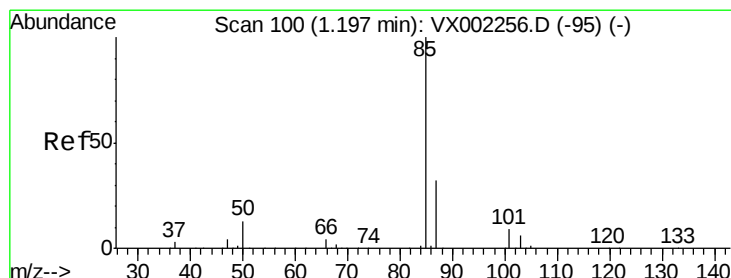
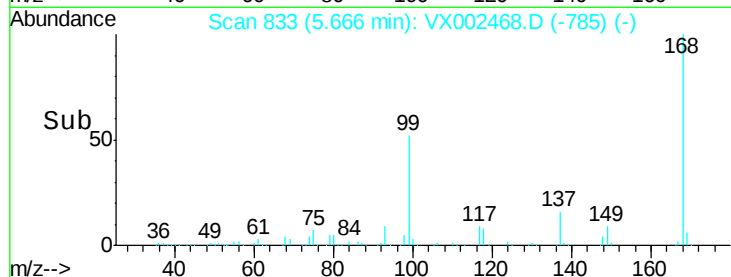
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002468.D

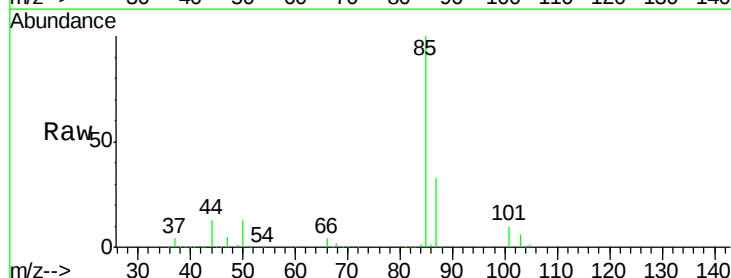
Acq: 12 Jun 2018 15:58

Tgt Ion: 85 Resp: 49407

Ion Ratio Lower Upper

85 100

87 33.3 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

60000

50000

40000

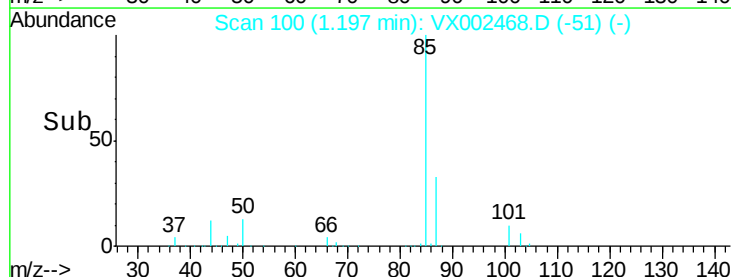
30000

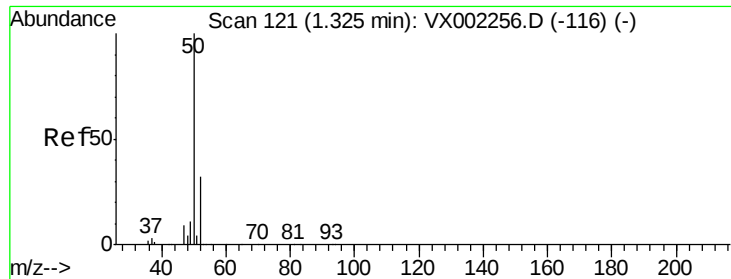
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

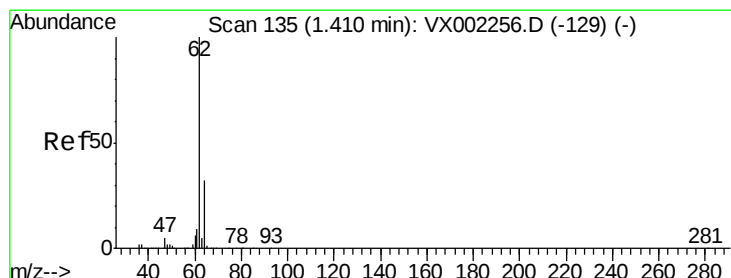
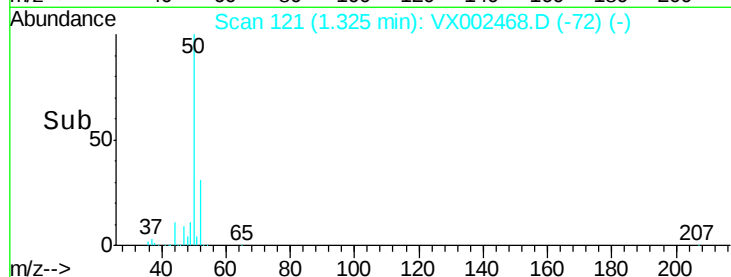
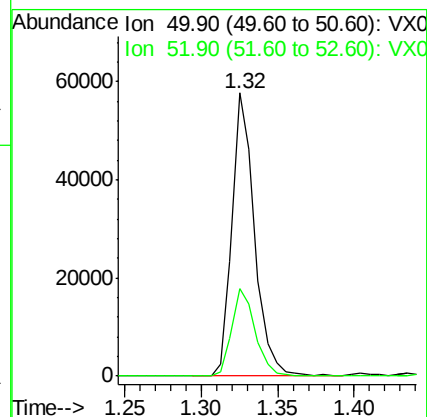
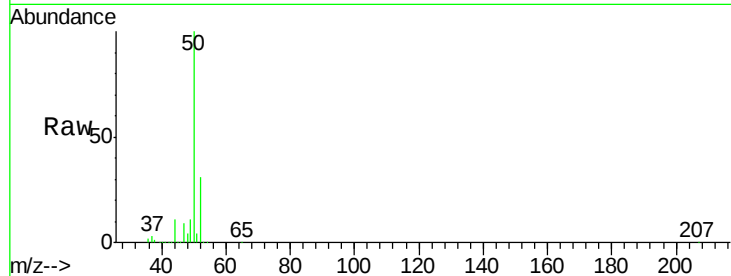
ClientSampleId :

Tot Ion: 50 Resp: 58892

Ion Ratio Lower Upper

50 100

52 31.0 25.7 38.5



#4

Vinyl Chloride

Concen: 20.72 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002468.D

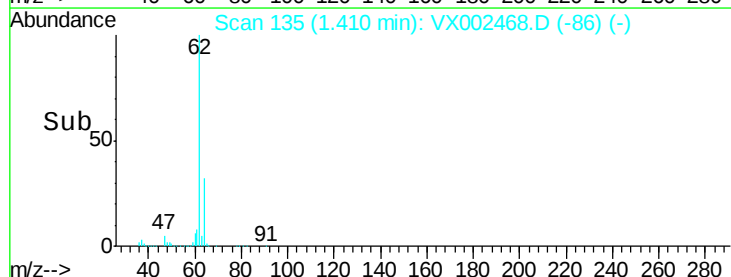
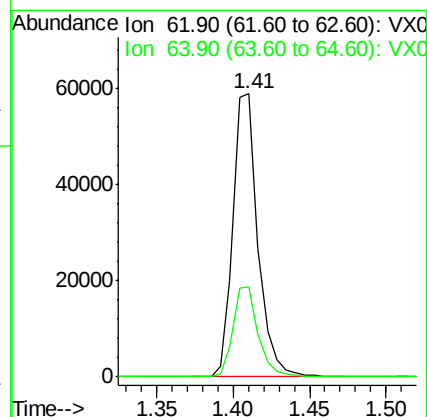
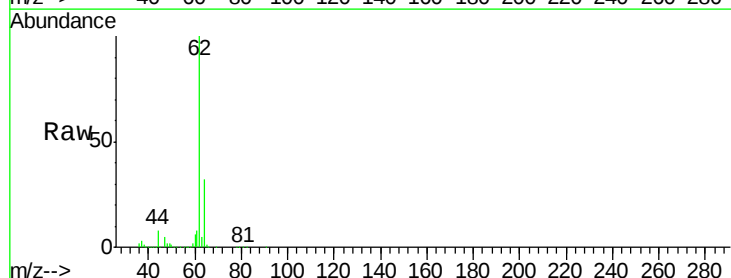
Acq: 12 Jun 2018 15:58

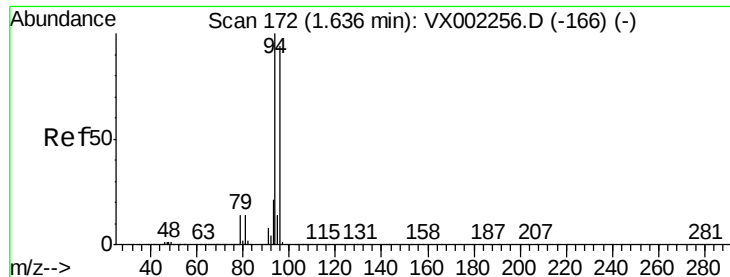
Tgt Ion: 62 Resp: 66740

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 19.59 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

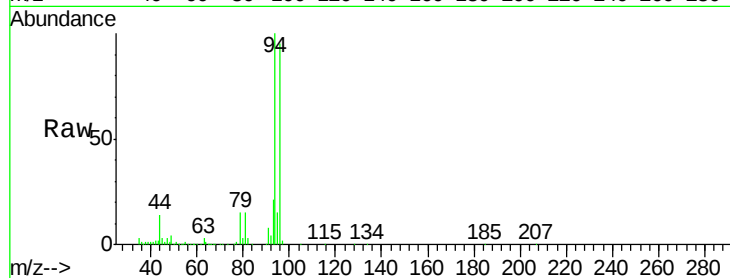
ClientSampleId :

Tot Ion: 94 Resp: 39421

Ion Ratio Lower Upper

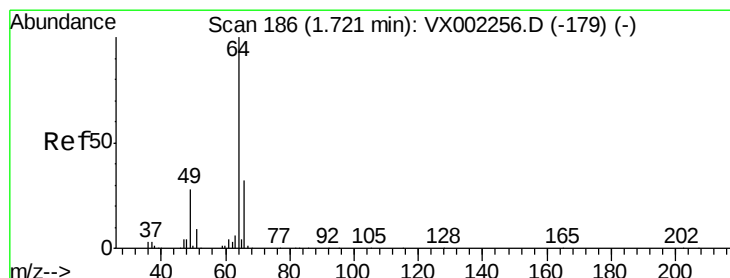
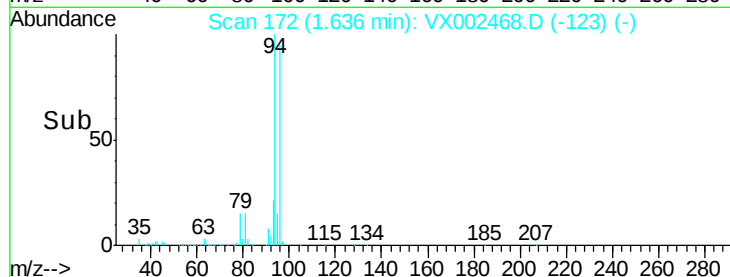
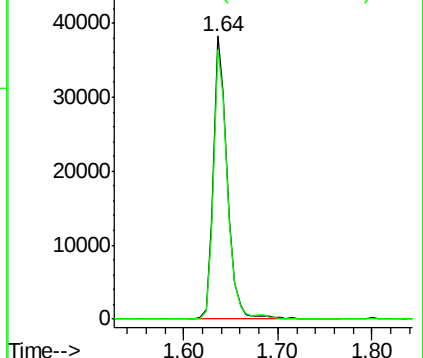
94 100

96 95.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.62 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002468.D

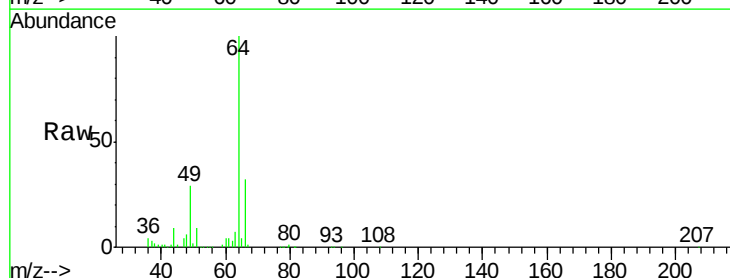
Acq: 12 Jun 2018 15:58

Tgt Ion: 64 Resp: 45043

Ion Ratio Lower Upper

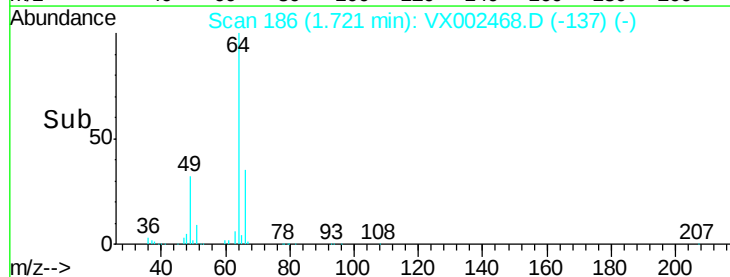
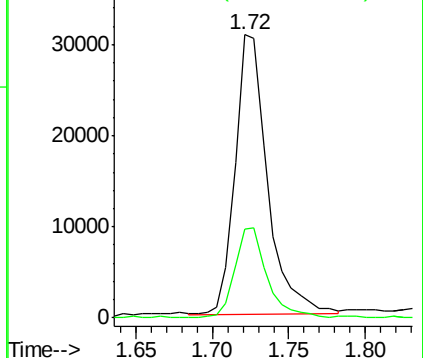
64 100

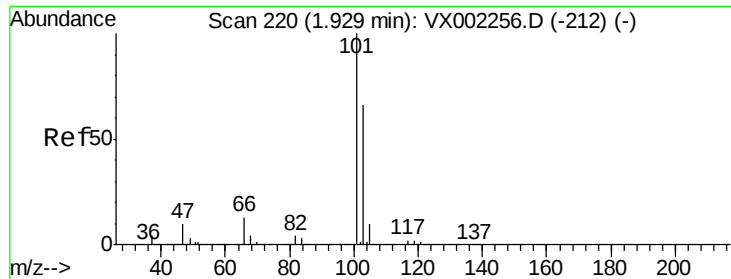
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 23.72 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

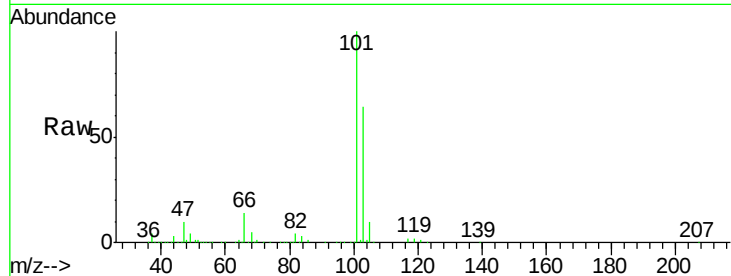
ClientSampleId :

Tot Ion:101 Resp: 116429

Ion Ratio Lower Upper

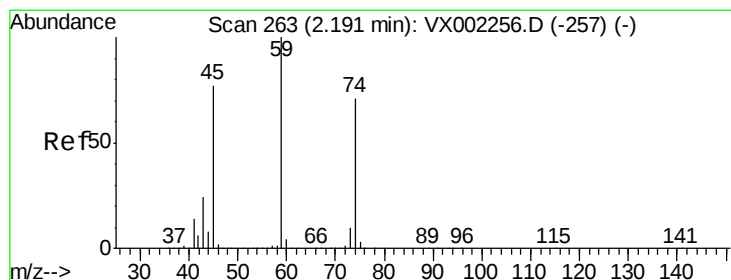
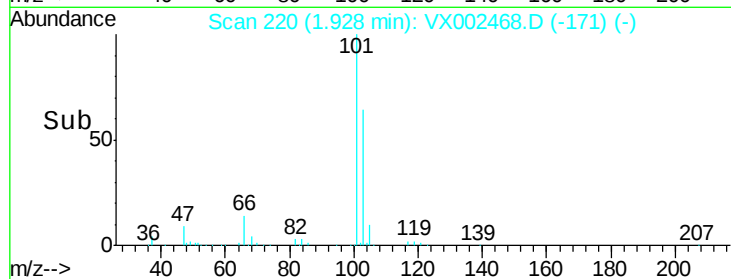
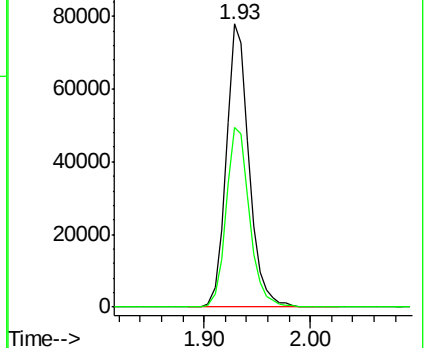
101 100

103 63.6 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: 22.96 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002468.D

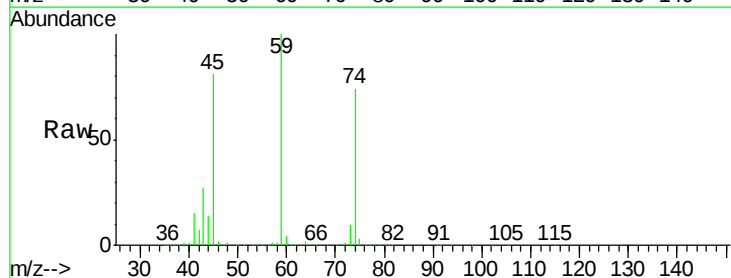
Acq: 12 Jun 2018 15:58

Tgt Ion: 74 Resp: 42313

Ion Ratio Lower Upper

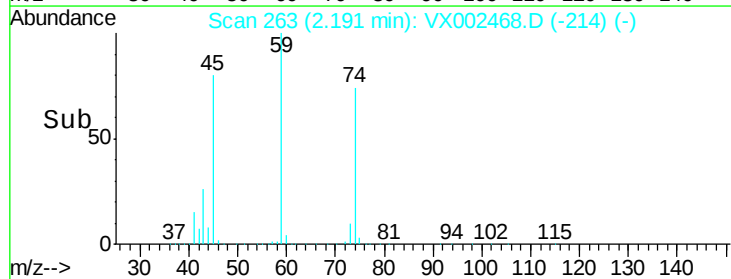
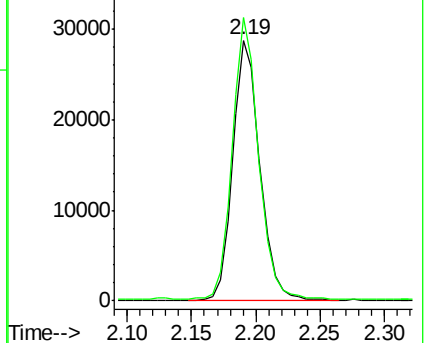
74 100

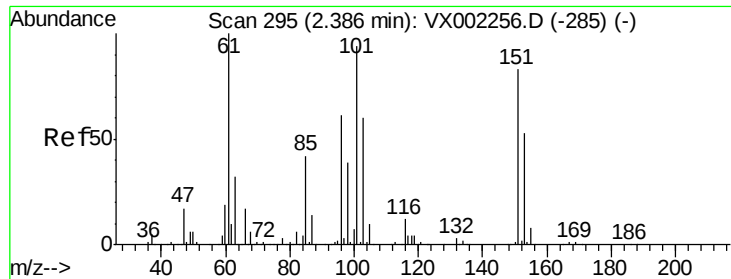
45 104.4 53.1 159.4



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: 25.08 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

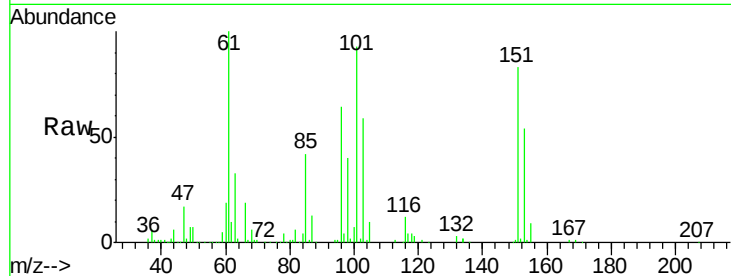
Tot Ion:101 Resp: 66433

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

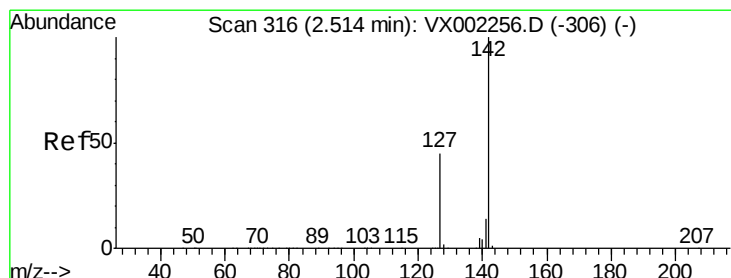
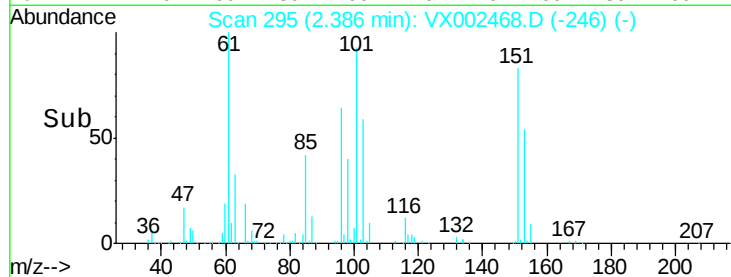
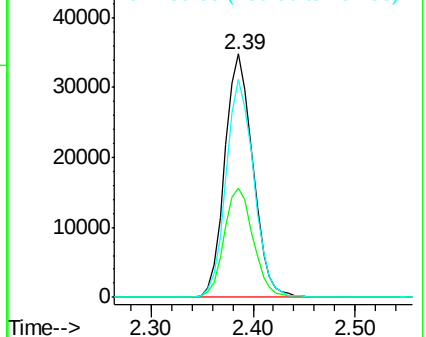
151 88.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.20 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

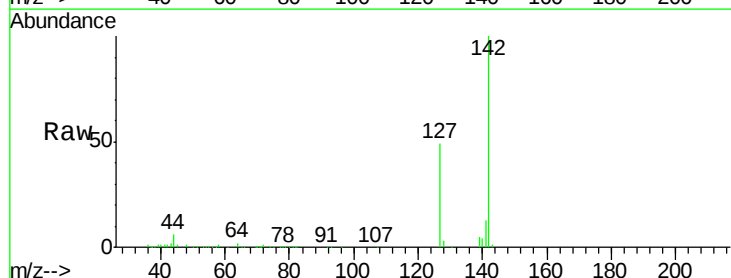
Tgt Ion:142 Resp: 64086

Ion Ratio Lower Upper

142 100

127 46.7 36.6 55.0

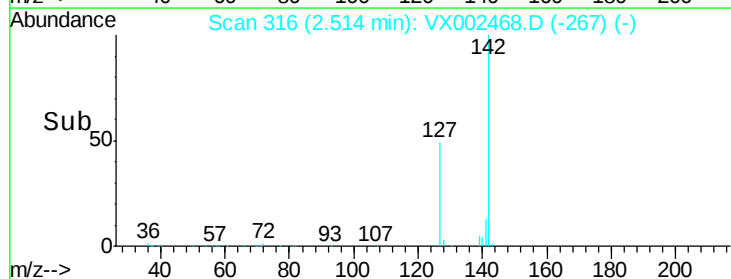
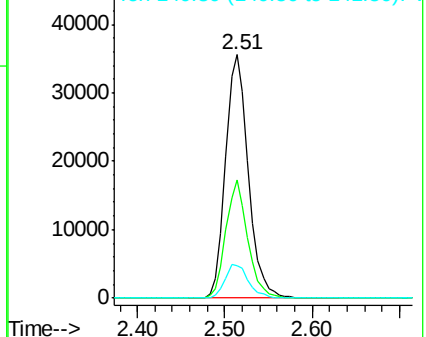
141 14.3 11.3 16.9

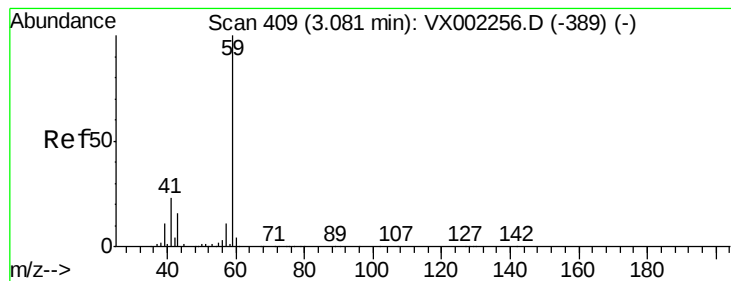


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



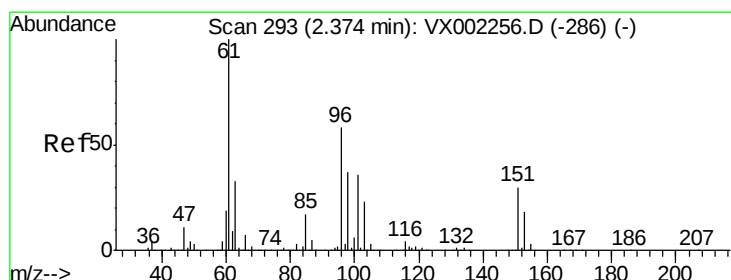
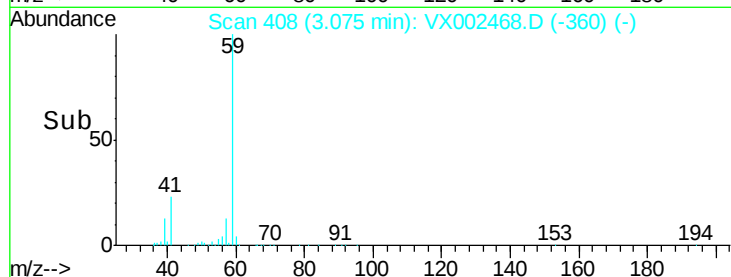
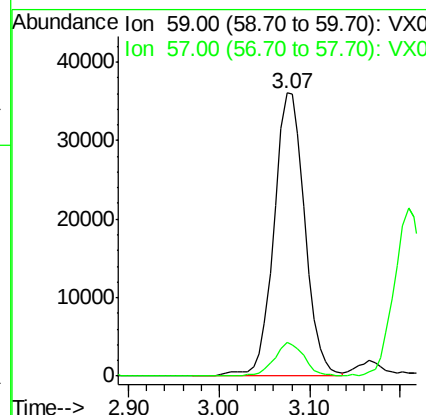
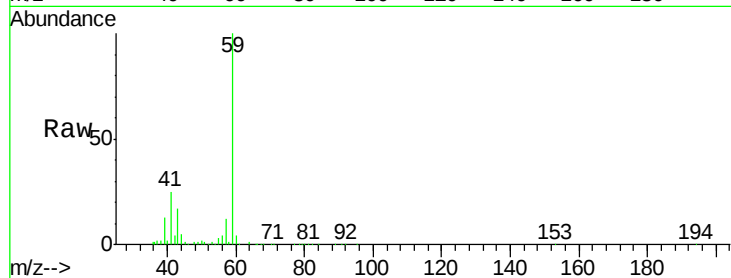


#11

Tert butyl alcohol
 Concen: 106.51 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampled :

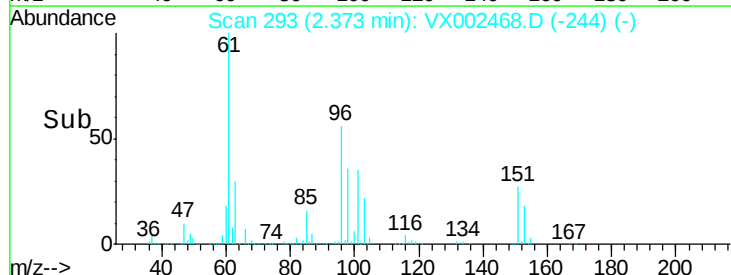
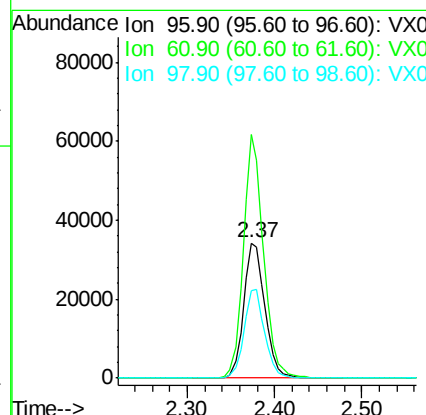
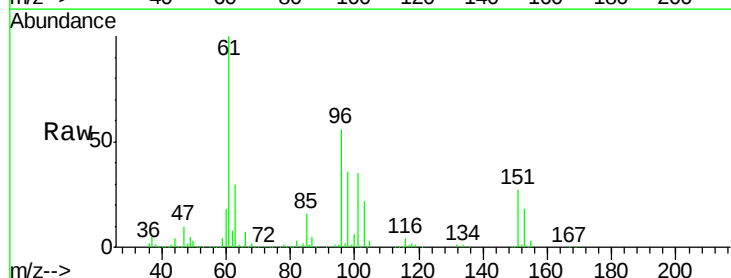
Tot Ion: 59 Resp: 84937
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.2 12.2

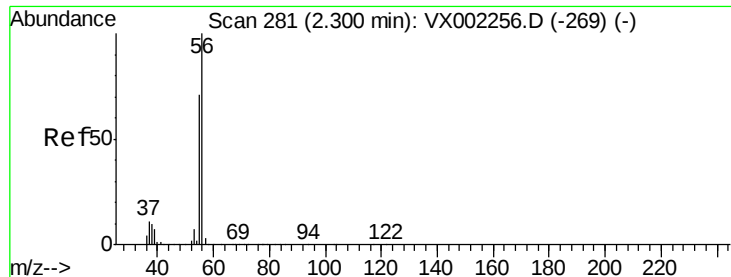


#12

1,1-Dichloroethene
 Concen: 22.12 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 96 Resp: 57894
 Ion Ratio Lower Upper
 96 100
 61 179.9 137.9 206.9
 98 65.1 51.6 77.4





#13

Acrolein

Concen: 70.68 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

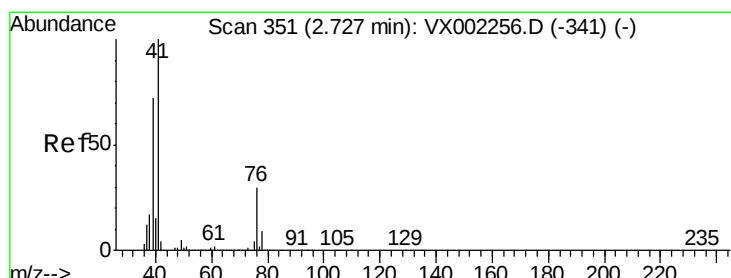
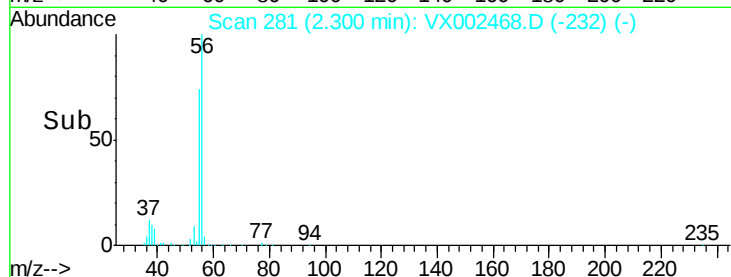
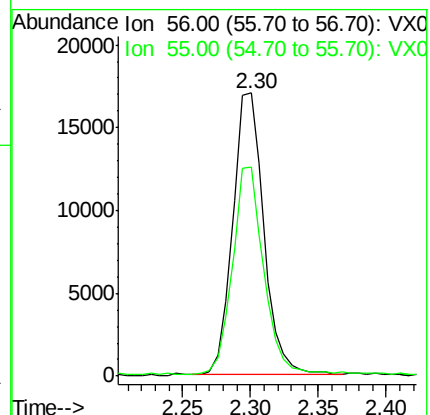
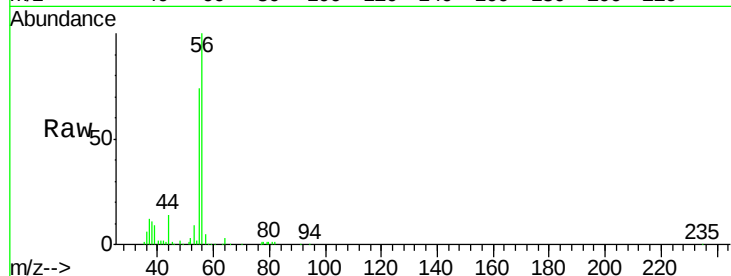
Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 27119

Ion	Ratio	Lower	Upper
56	100		
55	74.5	57.0	85.4



#14

Allyl chloride

Concen: 20.40 ug/l

RT: 2.73 min Scan# 351

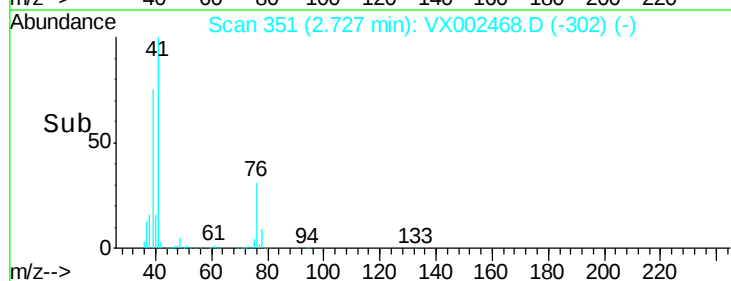
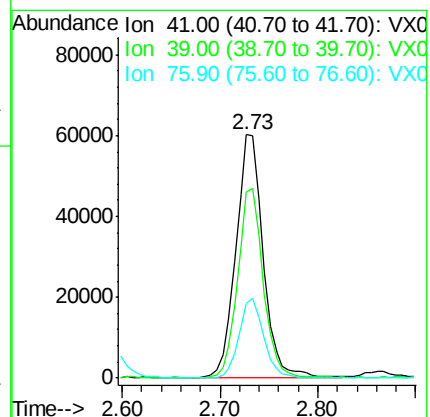
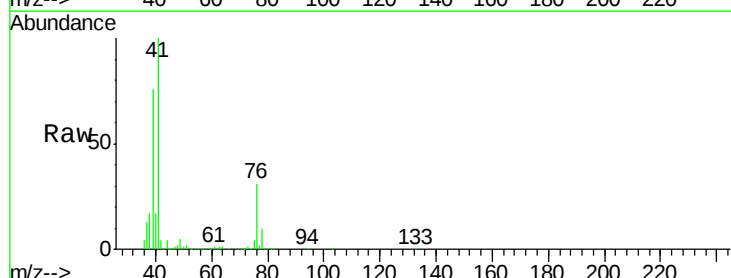
Delta R.T. -0.00 min

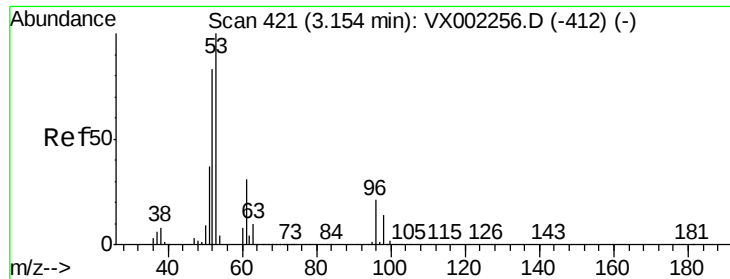
Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion: 41 Resp: 115887

Ion	Ratio	Lower	Upper
41	100		
39	73.1	56.8	85.2
76	29.4	23.8	35.8





#15

Acrylonitrile

Concen: 117.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

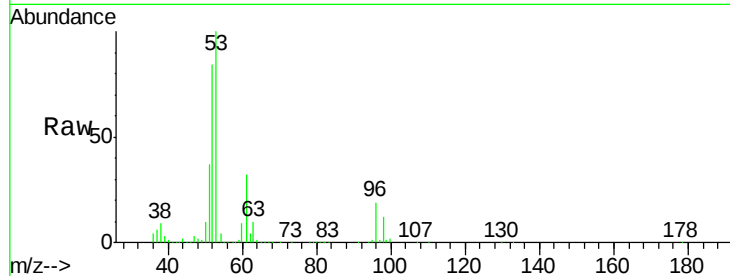
Tot Ion: 53 Resp: 183191

Ion Ratio Lower Upper

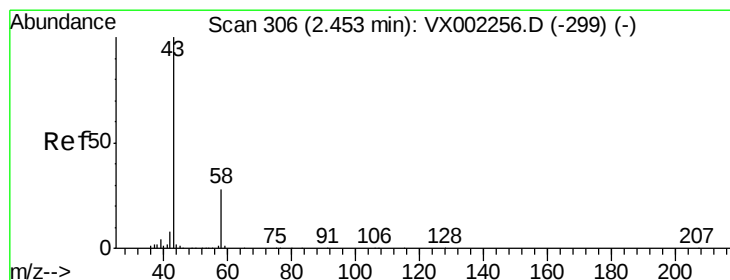
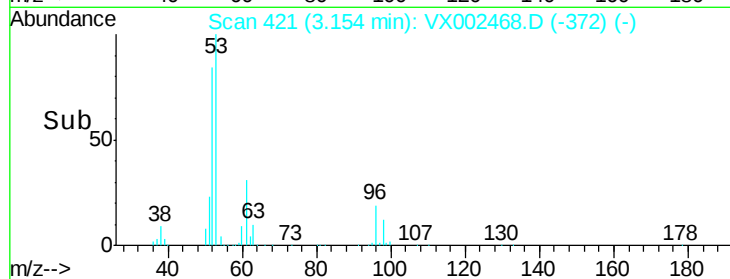
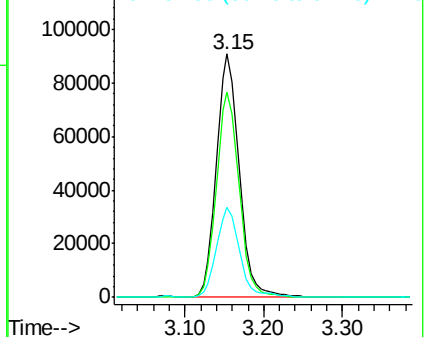
53 100

52 83.6 66.7 100.1

51 37.7 29.9 44.9



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



#16

Acetone

Concen: 125.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002468.D

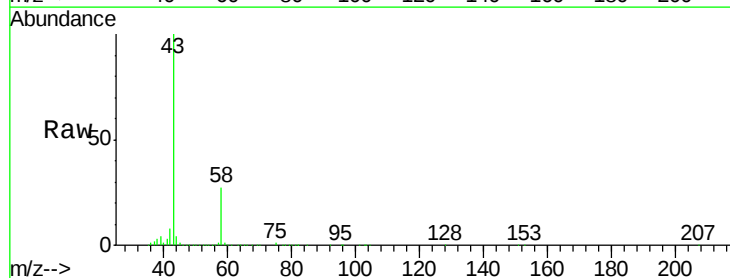
Acq: 12 Jun 2018 15:58

Tgt Ion: 43 Resp: 204472

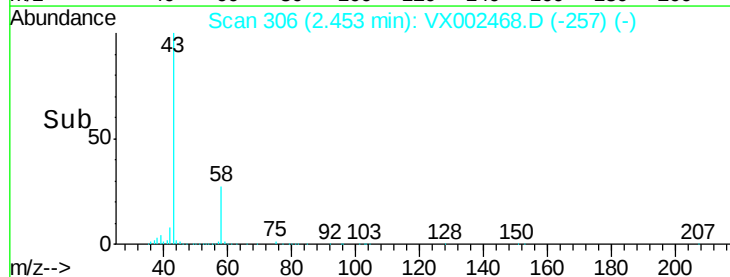
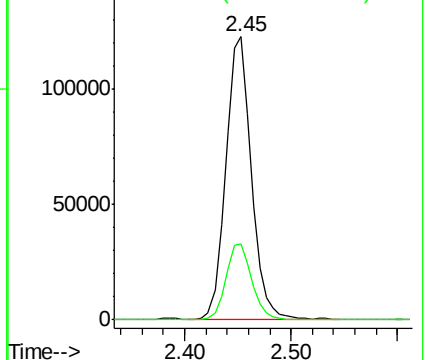
Ion Ratio Lower Upper

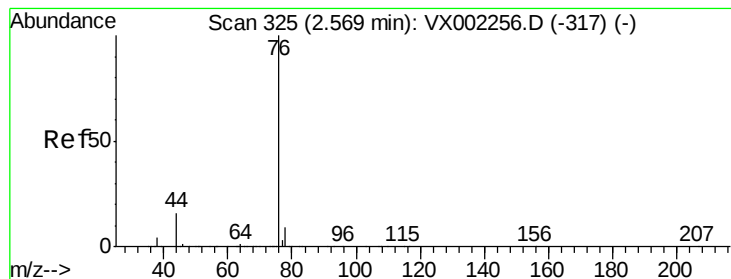
43 100

58 26.9 22.1 33.1



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





#17

Carbon Disulfide

Concen: 17.82 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

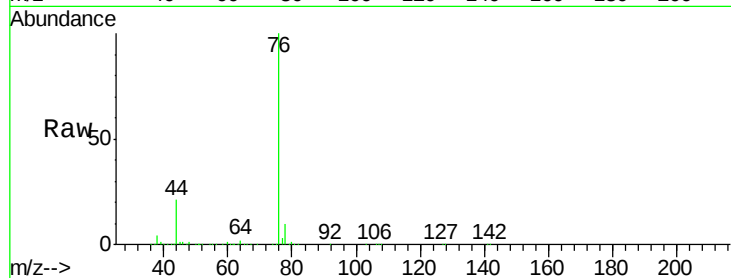
ClientSampleId :

Tot Ion: 76 Resp: 122912

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX002256.D (-317) (-)

Ion 77.90 (77.60 to 78.60): VX002256.D (-317) (-)

2.57

80000

60000

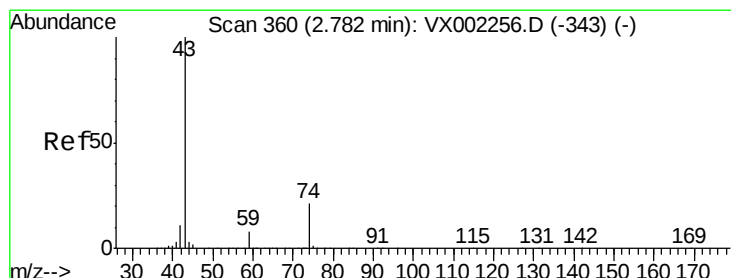
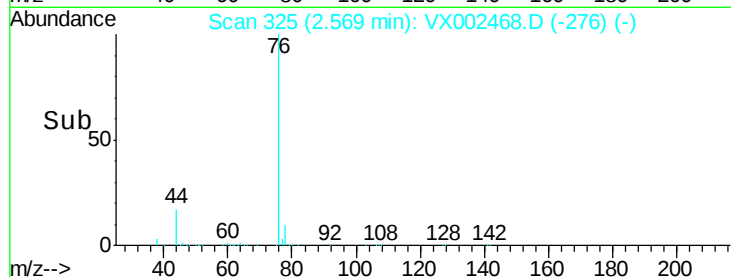
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 24.67 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002468.D

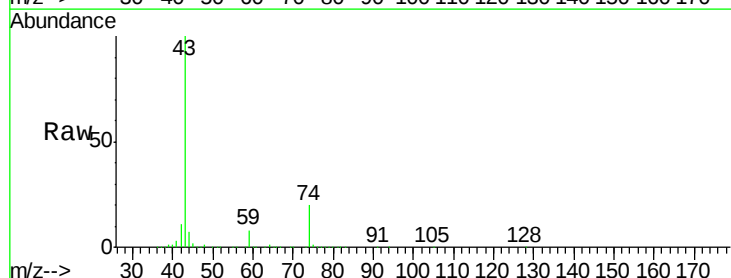
Acq: 12 Jun 2018 15:58

Tgt Ion: 43 Resp: 91716

Ion Ratio Lower Upper

43 100

74 21.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-343) (-)

Ion 74.00 (73.70 to 74.70): VX002256.D (-343) (-)

2.78

60000

50000

40000

30000

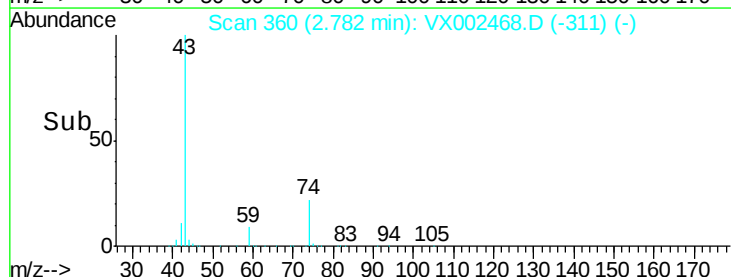
20000

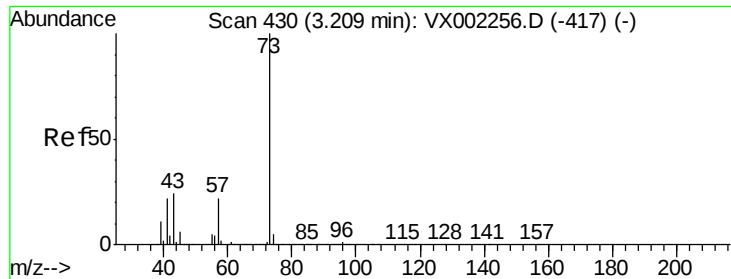
10000

0

Time-->

2.70 2.75 2.80 2.85 2.90

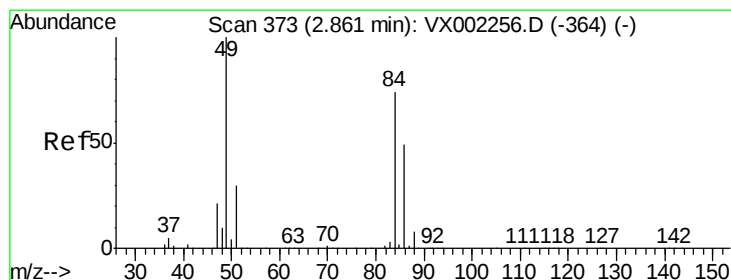
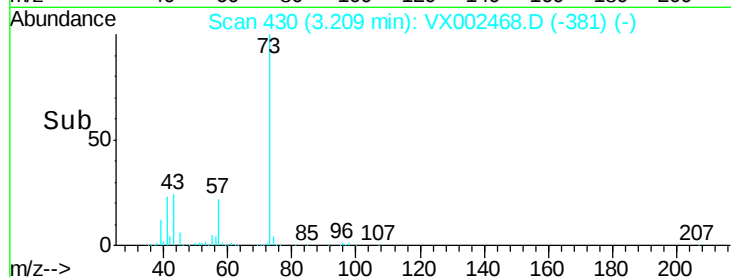
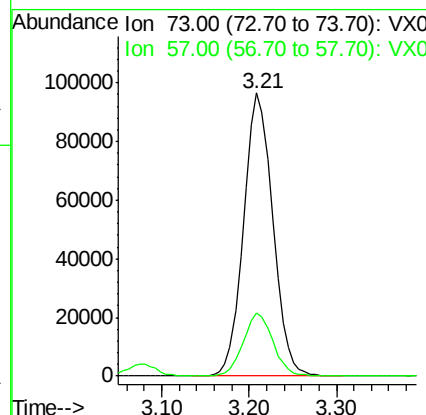
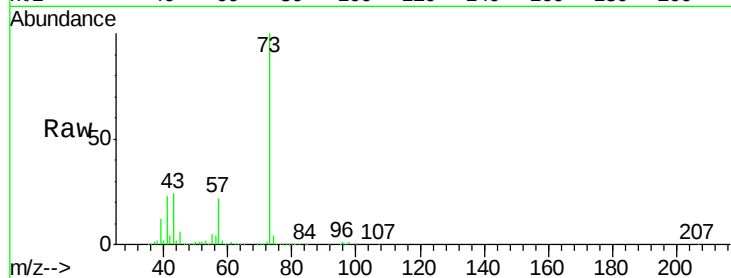




#19
Methyl tert-butyl Ether
Concen: 23.35 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

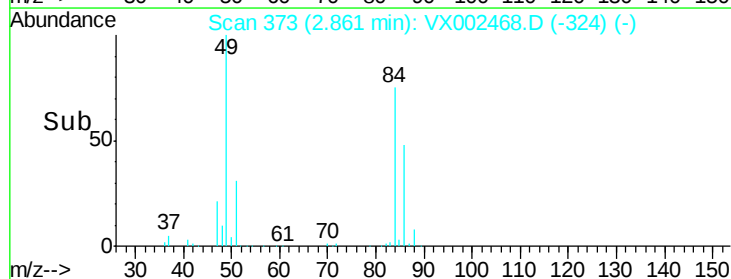
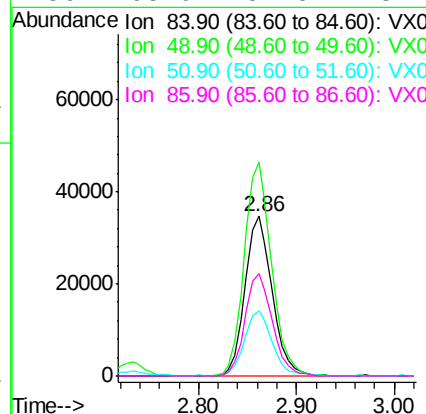
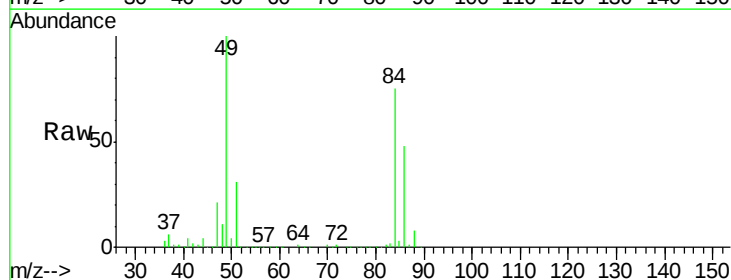
Instrument :
MSVOA_X
ClientSampled :

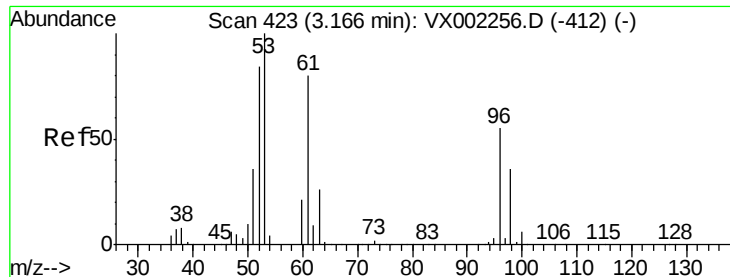
Tot Ion: 73 Resp: 224415
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 22.44 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 84 Resp: 66620
Ion Ratio Lower Upper
84 100
49 133.5 107.8 161.6
51 41.1 32.8 49.2
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.44 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampled :

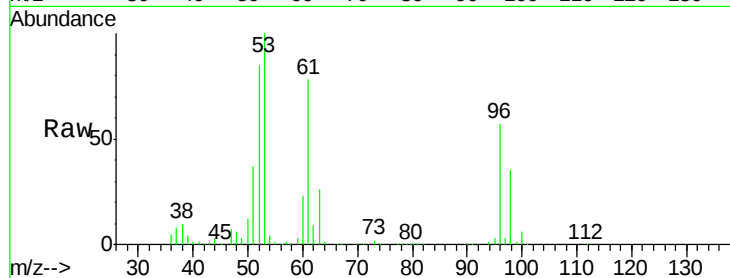
Tot Ion: 96 Resp: 61878

Ion Ratio Lower Upper

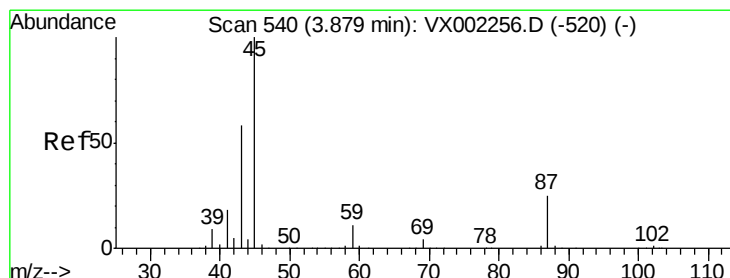
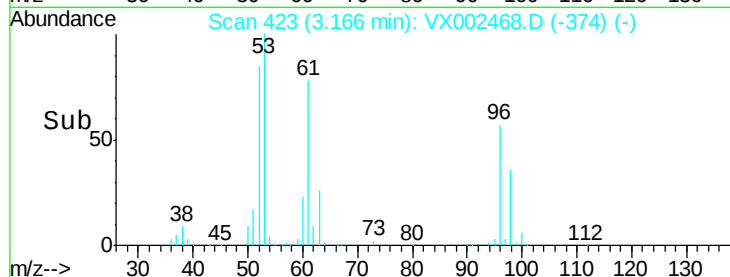
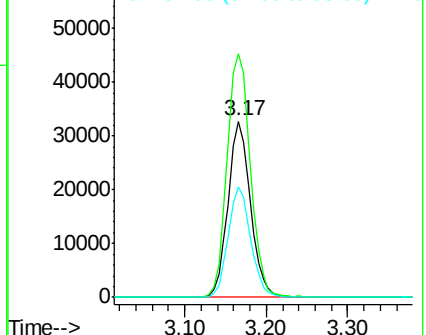
96 100

61 137.8 117.0 175.4

98 62.7 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: 20.66 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion: 45 Resp: 204369

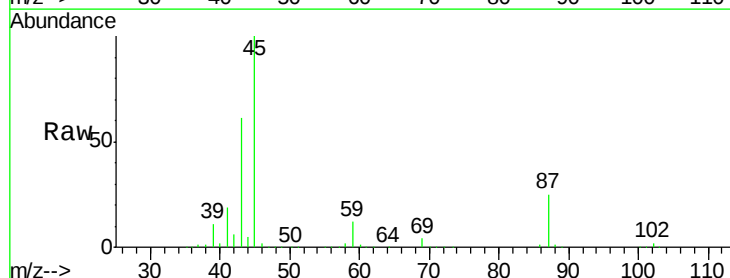
Ion Ratio Lower Upper

45 100

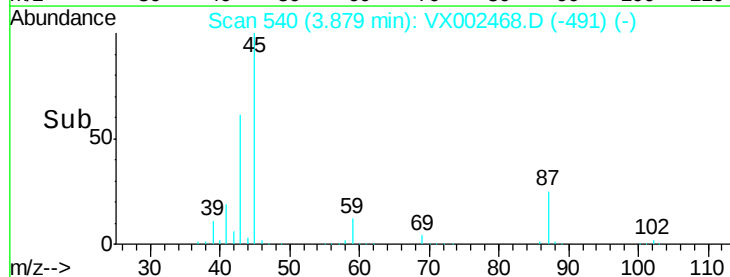
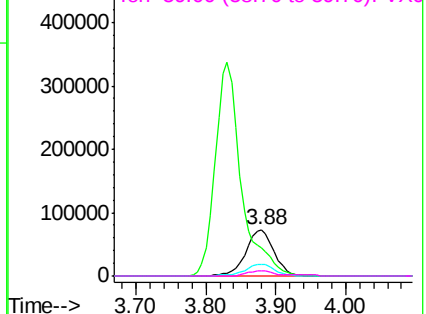
43 60.5 46.8 70.2

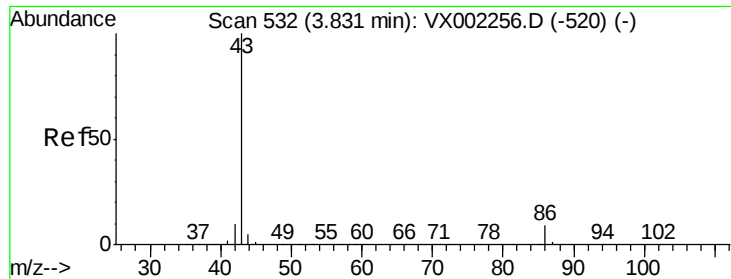
87 25.4 20.2 30.4

59 11.6 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

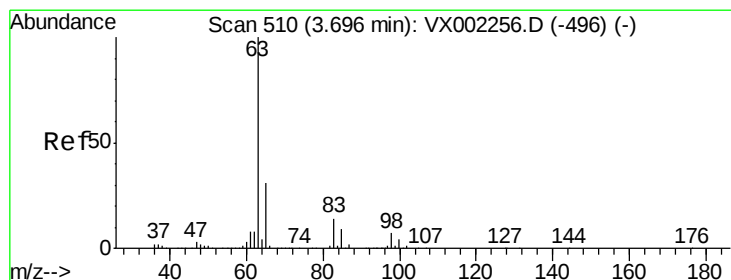
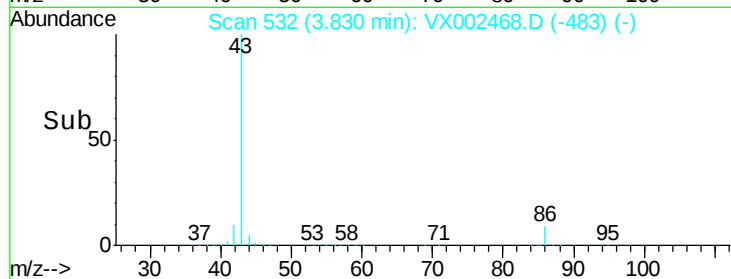
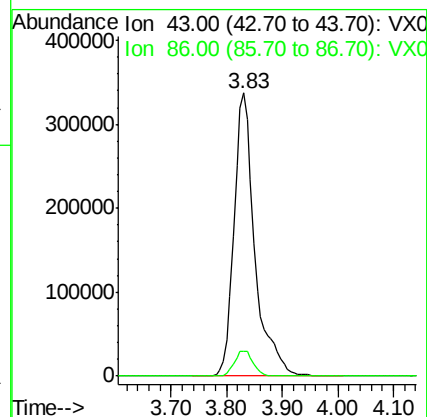
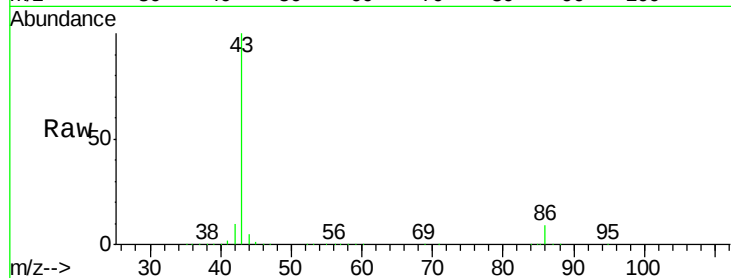




#23
 Vinyl Acetate
 Concen: 94.89 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

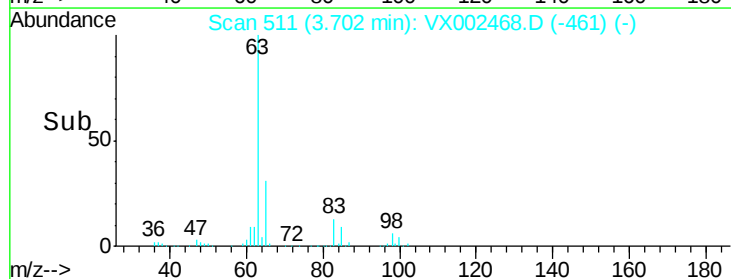
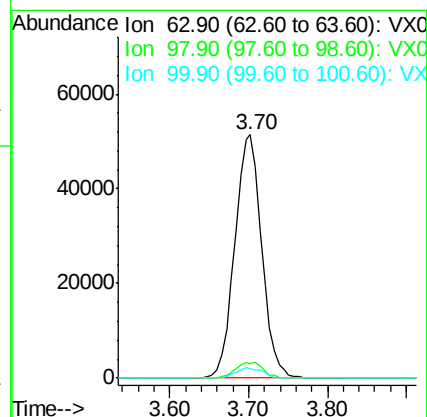
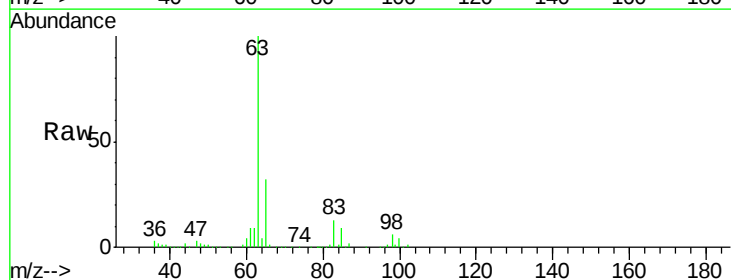
Instrument :
 MSVOA_X
 ClientSampleId :

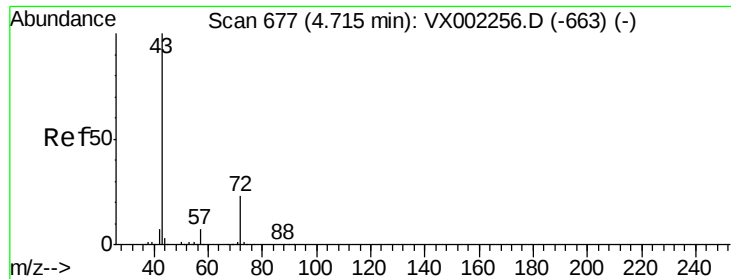
Tot Ion: 43 Resp: 873789
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 21.67 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 63 Resp: 121654
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 99.75 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

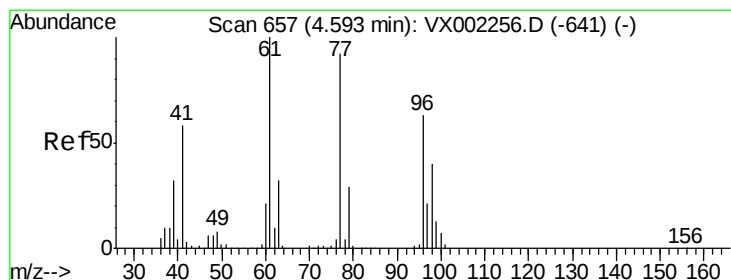
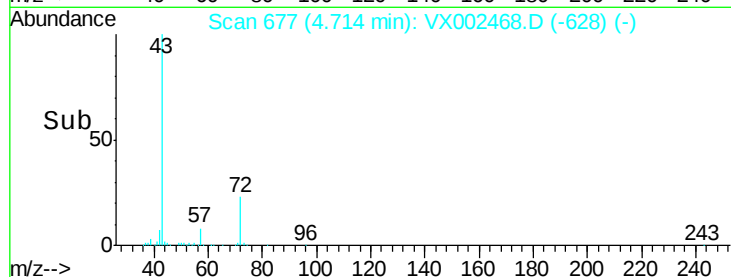
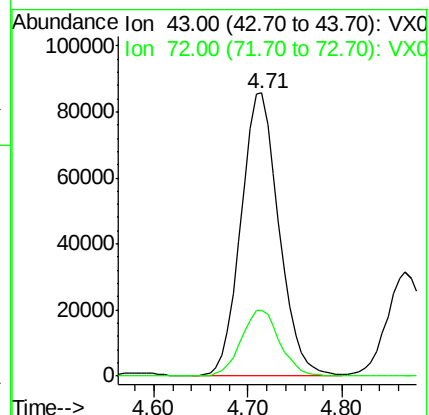
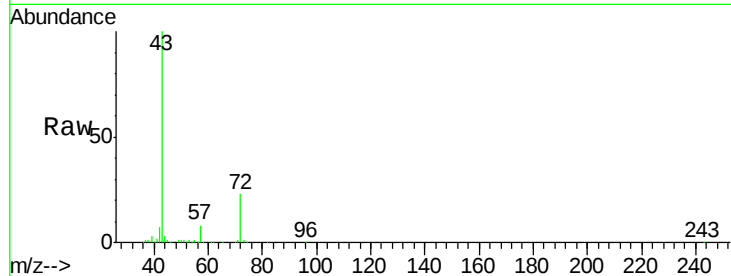
ClientSampleId :

Tot Ion: 43 Resp: 240489

Ion Ratio Lower Upper

43 100

72 23.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.07 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002468.D

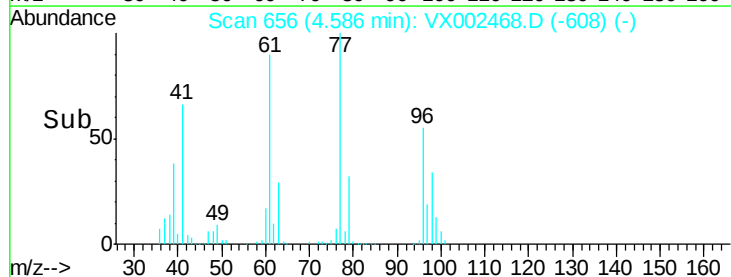
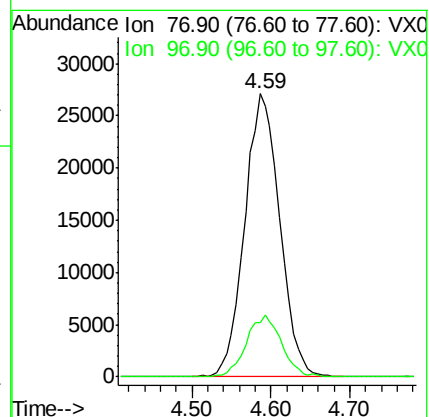
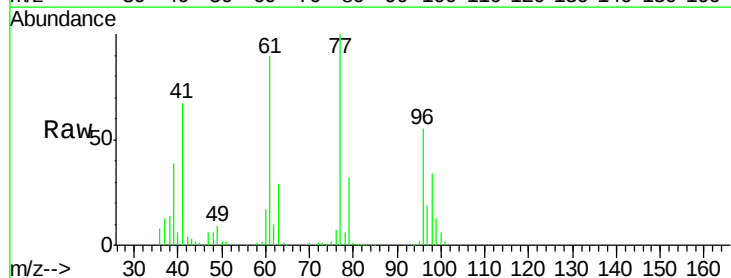
Acq: 12 Jun 2018 15:58

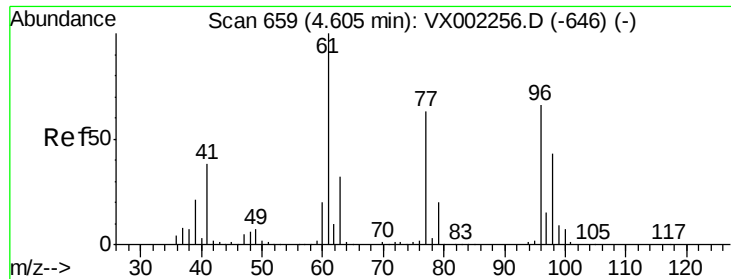
Tgt Ion: 77 Resp: 83706

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.65 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :

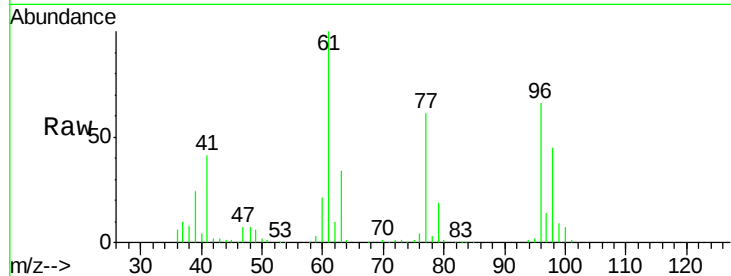
Tot Ion: 96 Resp: 61683

Ion Ratio Lower Upper

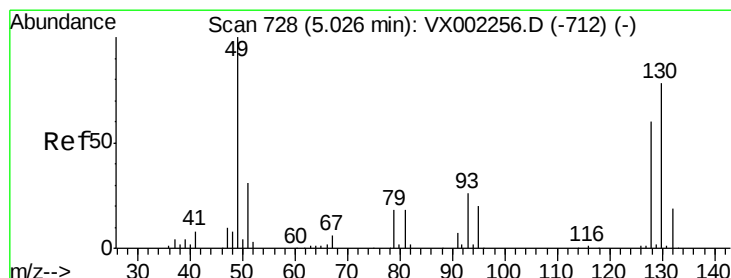
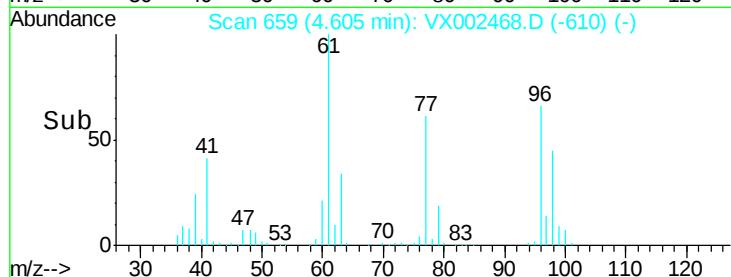
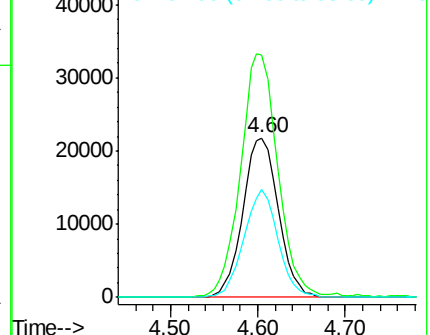
96 100

61 160.7 0.0 330.2

98 65.0 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: 22.39 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

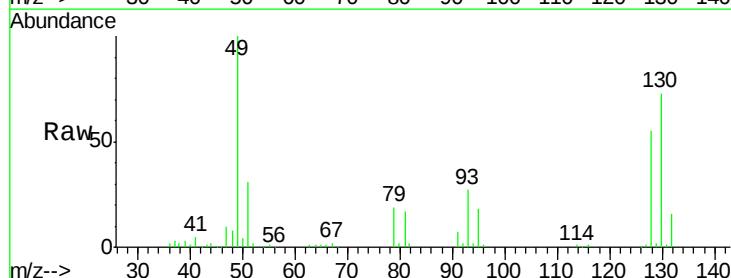
Tgt Ion: 49 Resp: 58153

Ion Ratio Lower Upper

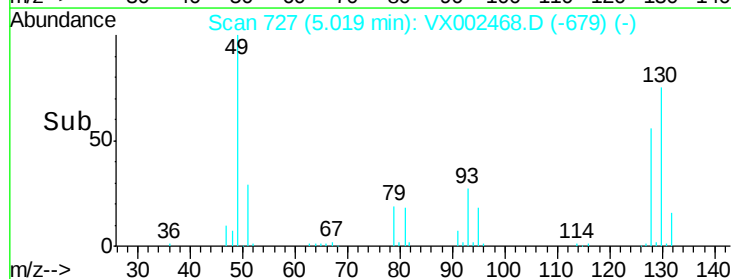
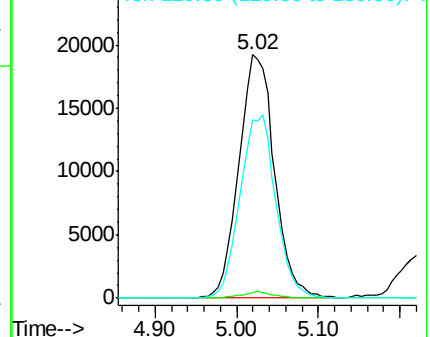
49 100

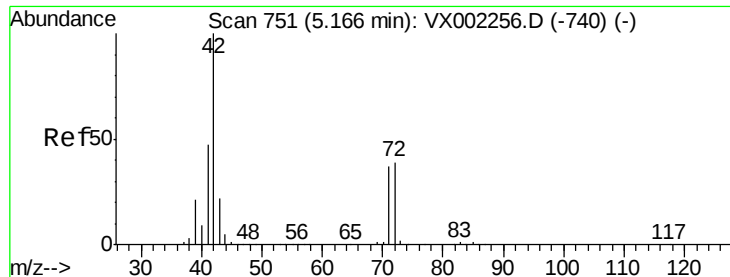
129 2.2 0.0 4.2

130 75.3 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

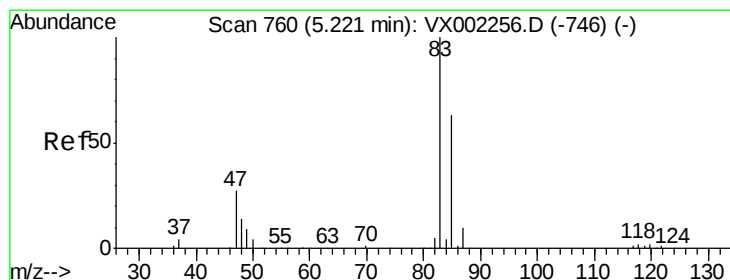
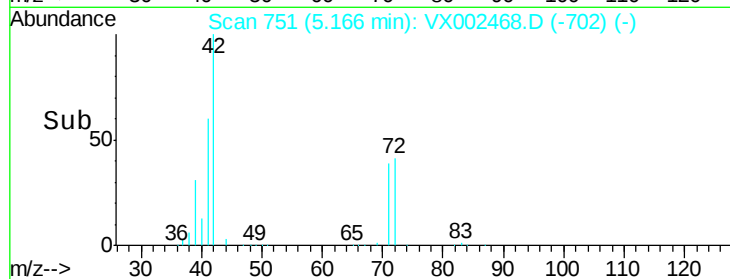
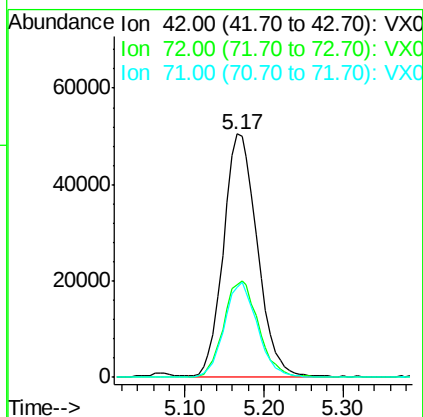
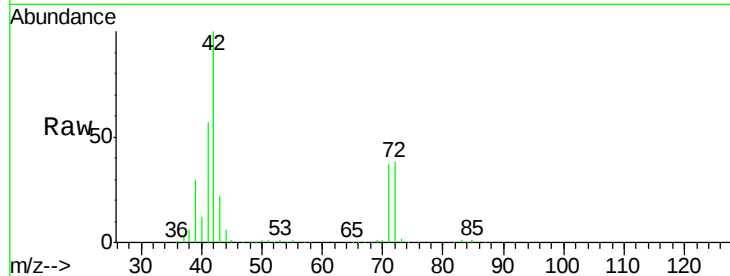




#29
Tetrahydrofuran
Concen: 96.32 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

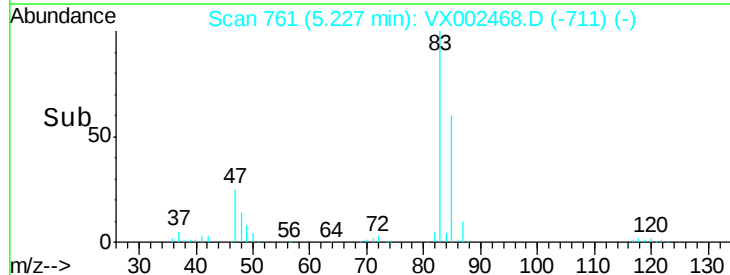
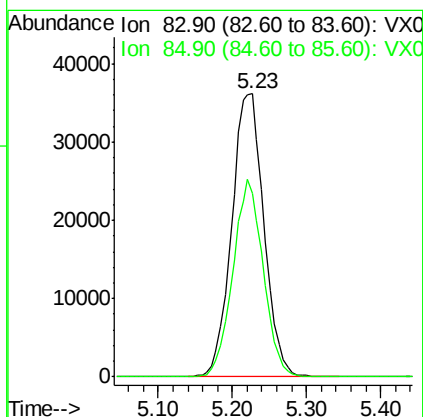
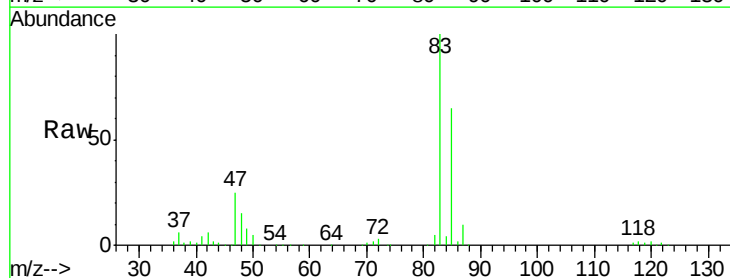
Instrument :
MSVOA_X
ClientSampleId :

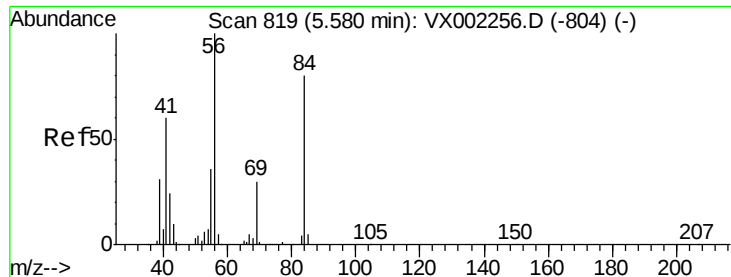
Tot Ion: 42 Resp: 149715
Ion Ratio Lower Upper
42 100
72 41.2 32.0 48.0
71 38.3 30.1 45.1



#30
Chloroform
Concen: 20.21 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 83 Resp: 109493
Ion Ratio Lower Upper
83 100
85 64.8 50.4 75.6





#31

Cyclohexane

Concen: 20.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampled :

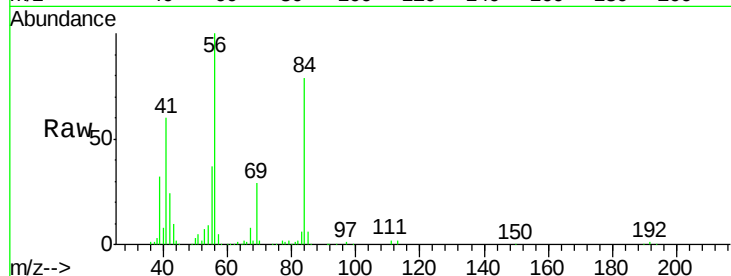
Tot Ion: 56 Resp: 90653

Ion Ratio Lower Upper

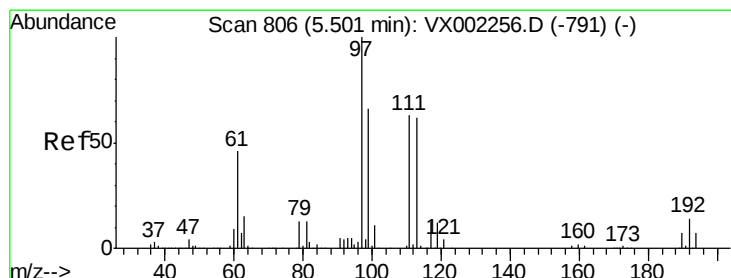
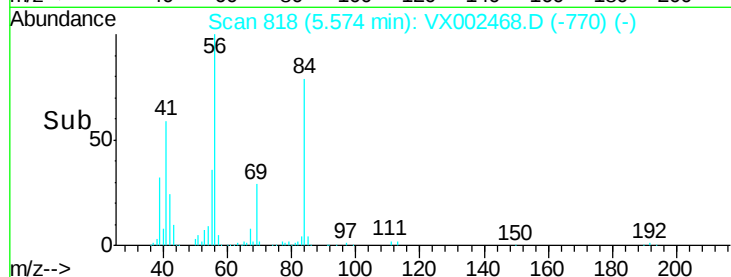
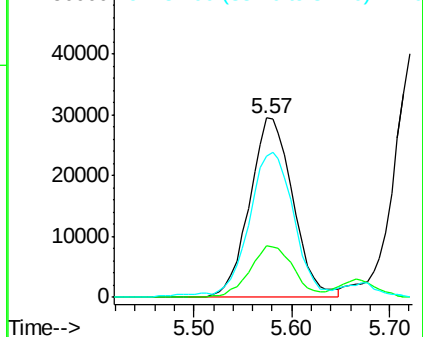
56 100

69 28.9 23.7 35.5

84 77.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

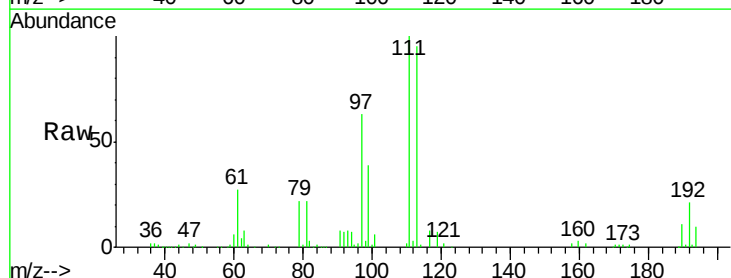
Tgt Ion: 97 Resp: 93601

Ion Ratio Lower Upper

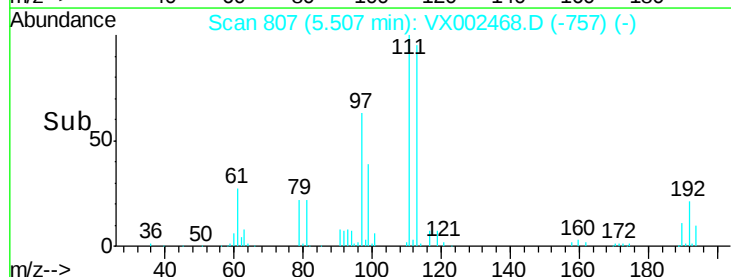
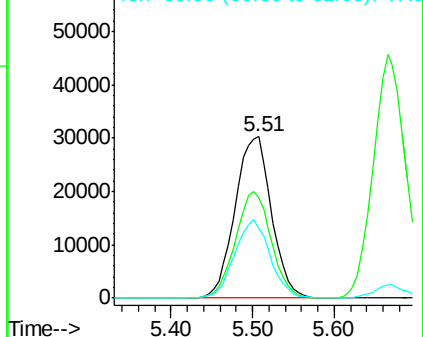
97 100

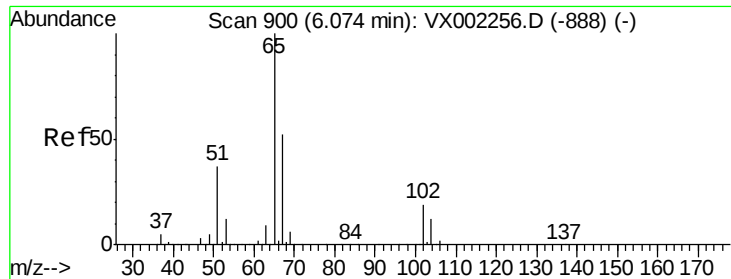
99 64.8 51.6 77.4

61 47.2 36.4 54.6



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

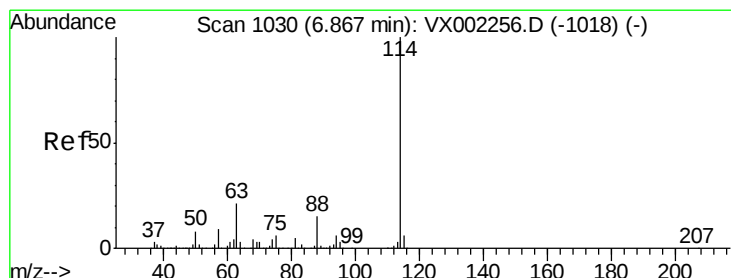
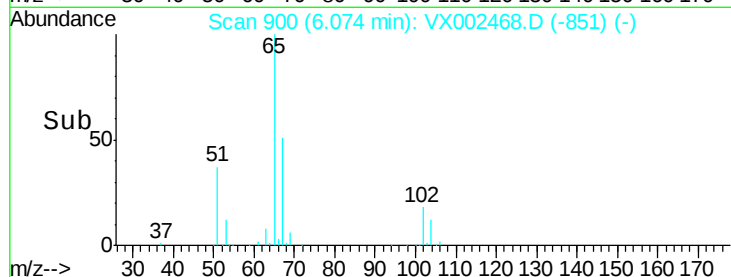
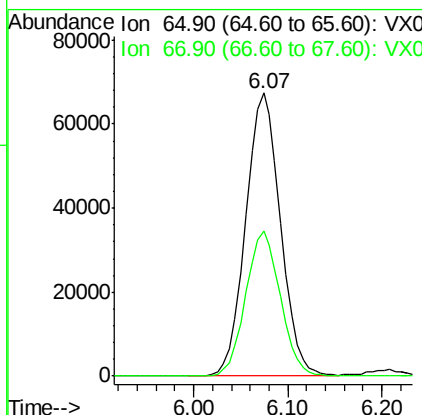
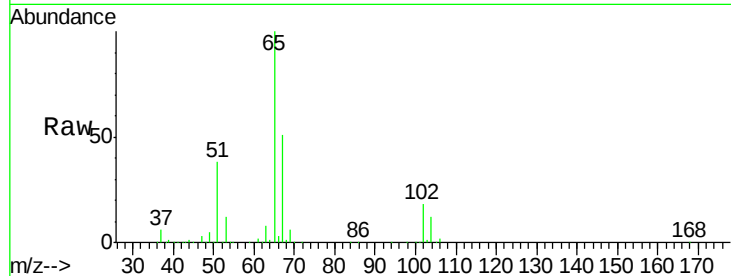




#33
 1,2-Dichloroethane-d4
 Concen: 49.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

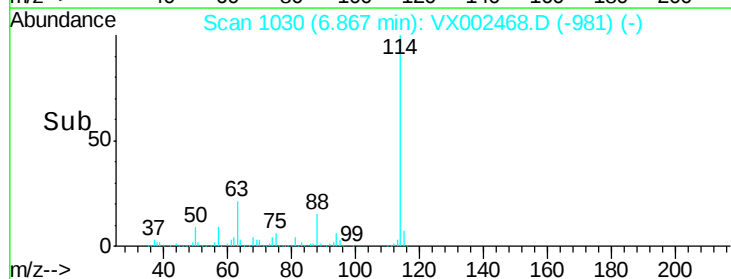
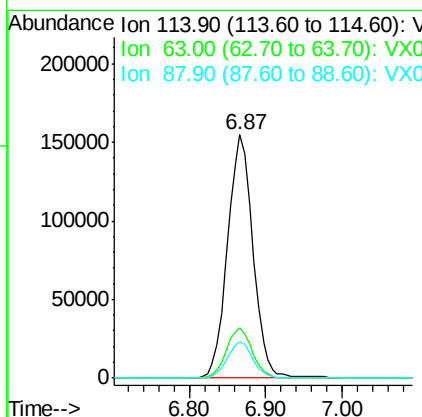
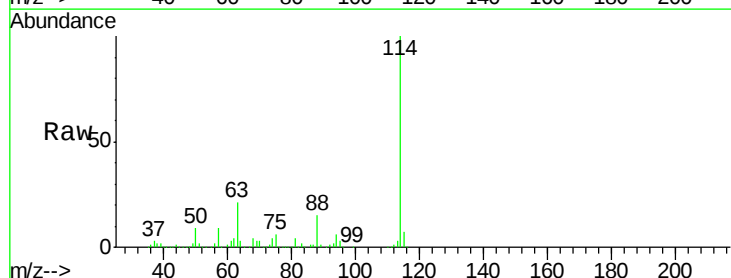
Instrument :
 MSVOA_X
 ClientSampleId :

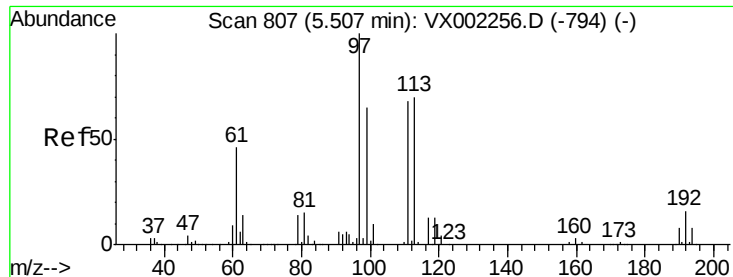
Tot Ion: 65 Resp: 174592
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 114 Resp: 357147
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 14.7 0.0 30.0

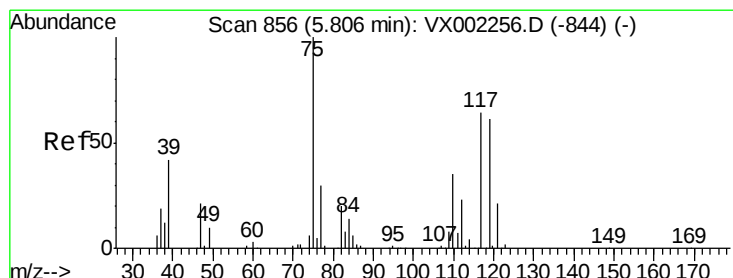
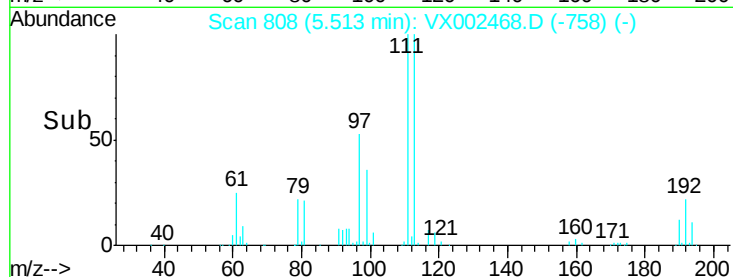
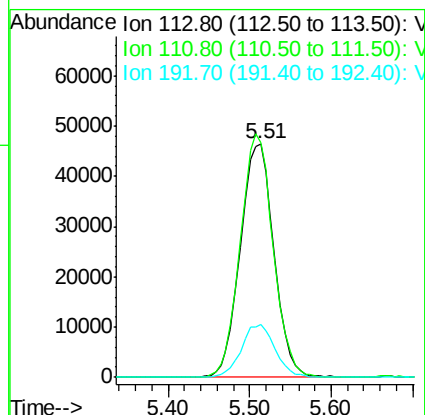
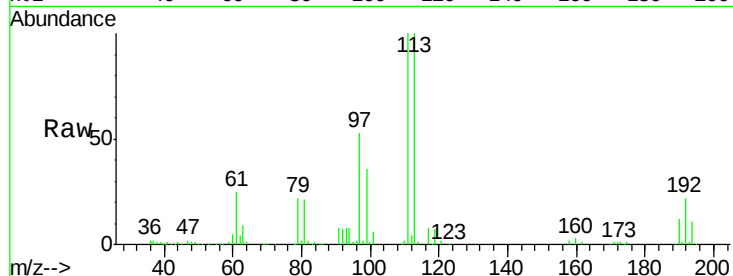




#35
 Dibromofluoromethane
 Concen: 47.36 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

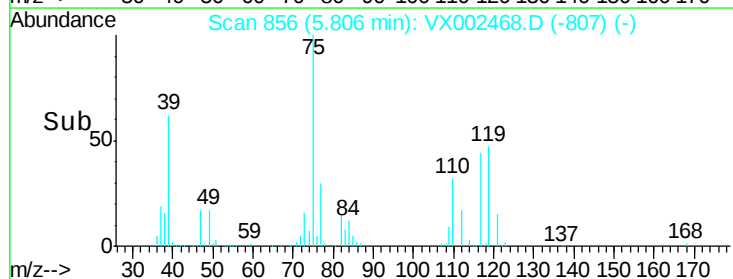
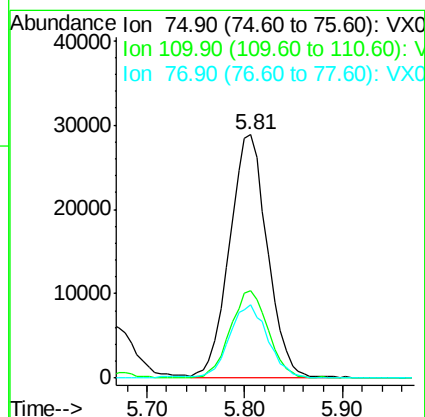
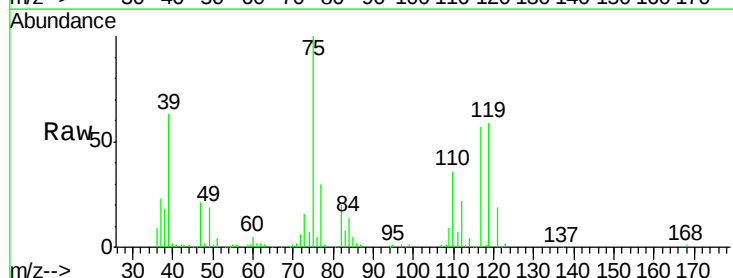
Instrument :
 MSVOA_X
 ClientSampleId :

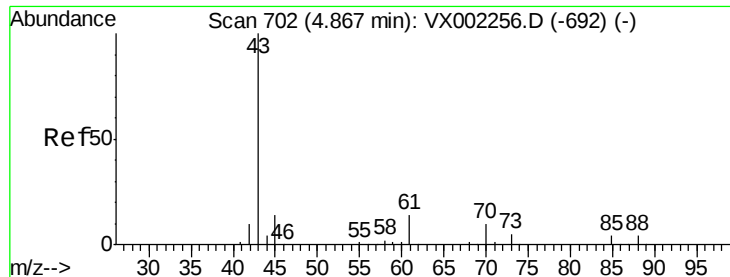
Tot Ion:113 Resp: 133014
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 22.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.54 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 75 Resp: 77103
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.4
 77 30.6 24.3 36.5

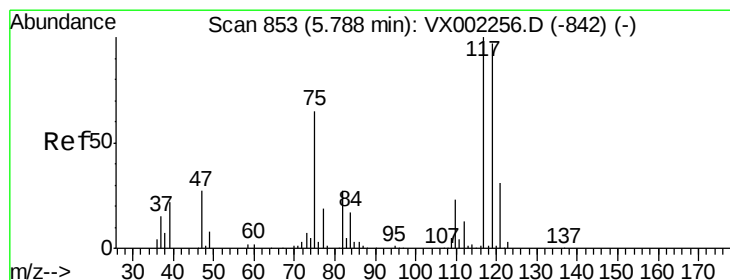
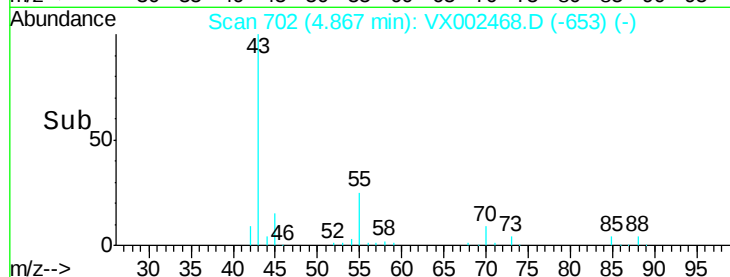
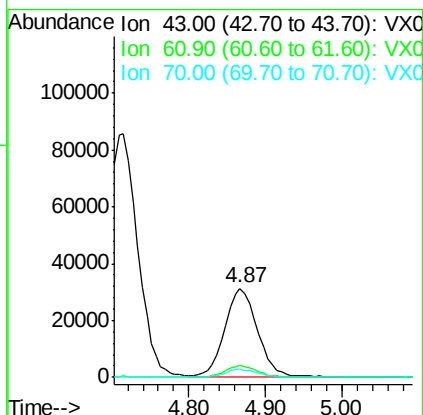
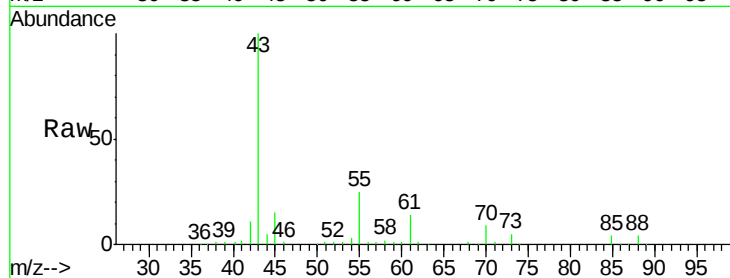




#37
Ethyl Acetate
Concen: 20.15 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

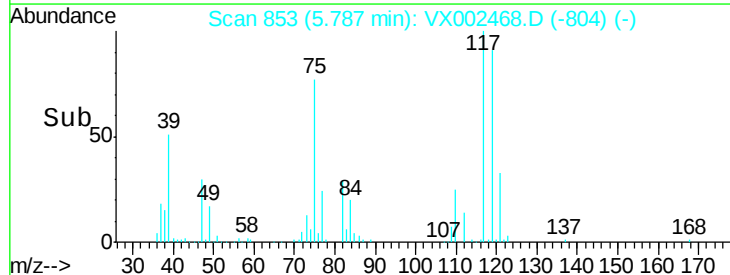
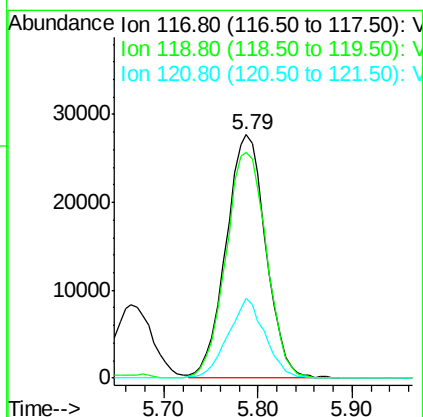
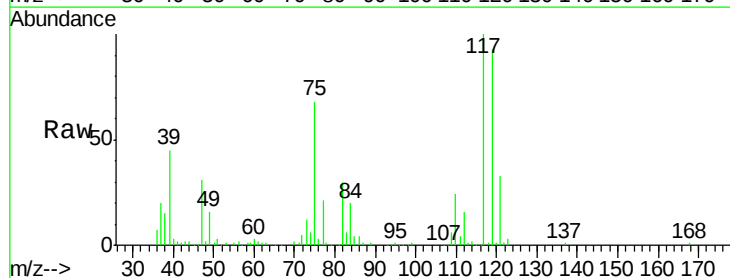
Instrument :
MSVOA_X
ClientSampled :

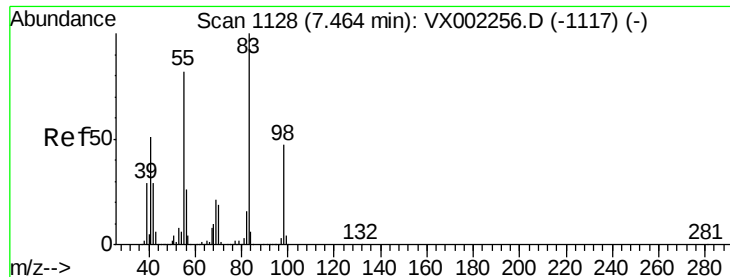
Tot Ion: 43 Resp: 90994
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.70 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 117 Resp: 81289
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.0
121 32.8 24.4 36.6

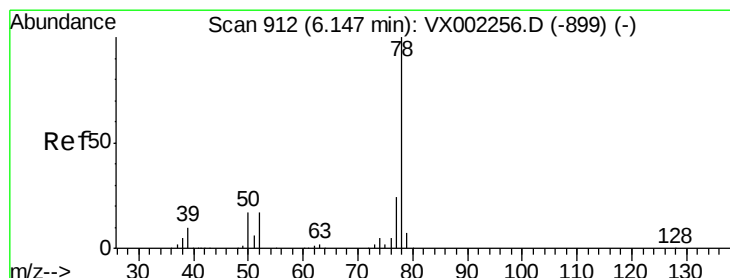
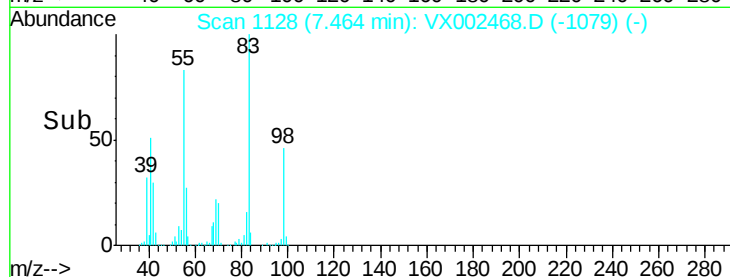
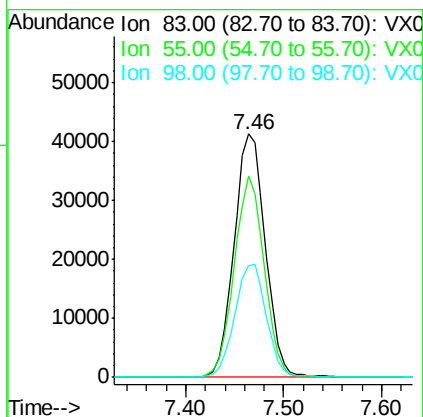
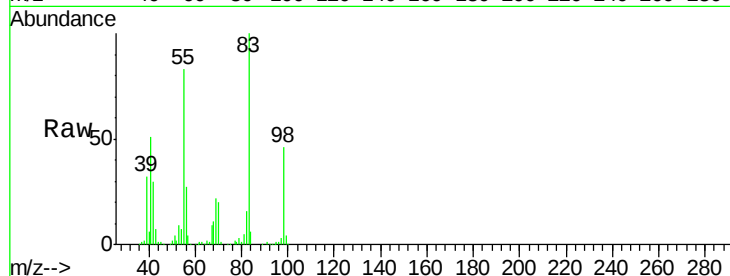




#39
Methvlcvclohexane
Concen: 19.93 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

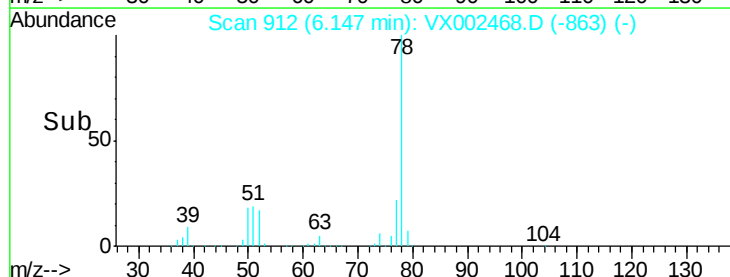
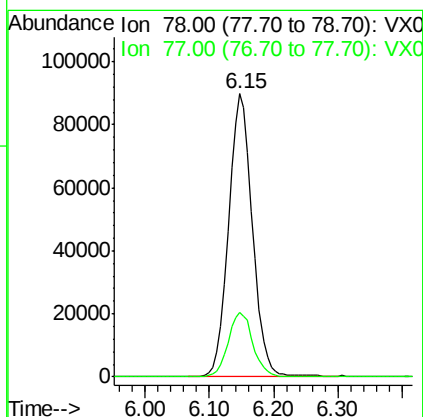
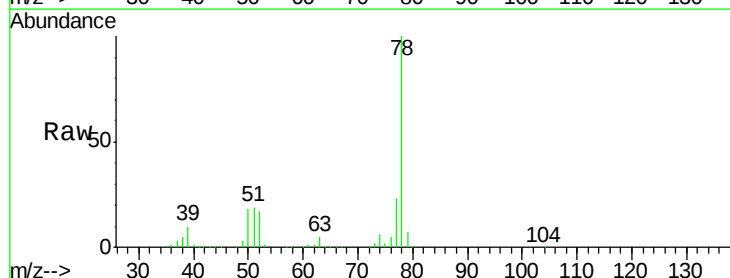
Instrument :
MSVOA_X
ClientSampled :

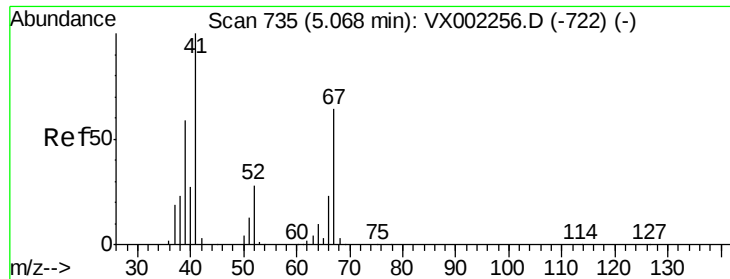
Tot Ion: 83 Resp: 91720
Ion Ratio Lower Upper
83 100
55 82.9 65.4 98.0
98 46.0 37.4 56.0



#40
Benzene
Concen: 20.32 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 78 Resp: 233920
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7

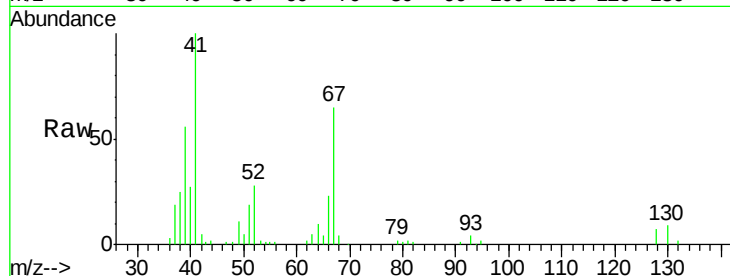




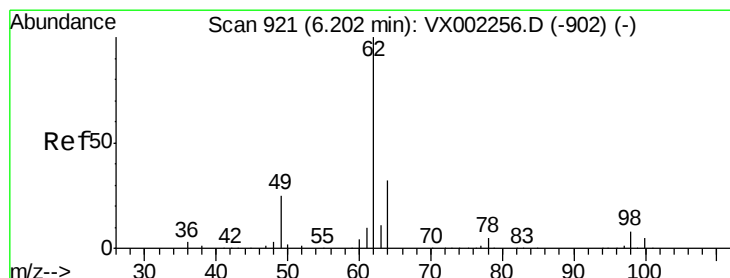
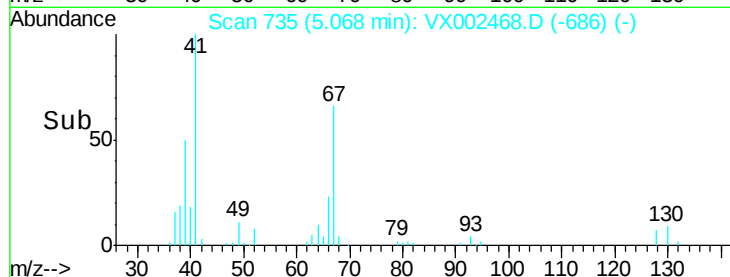
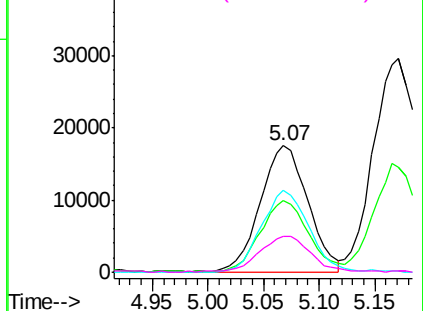
#41
Methacrylonitrile
Concen: 20.00 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	51696
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.8	68.6
67	65.3	51.3	76.9
52	31.3	23.0	34.6

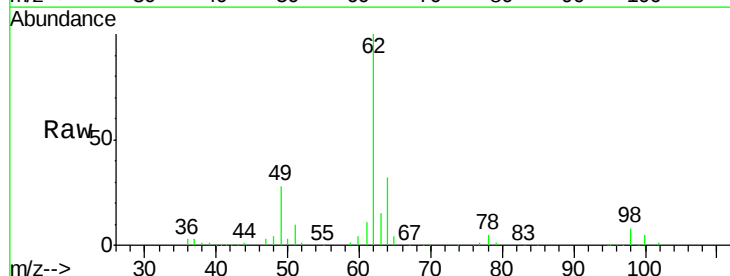


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

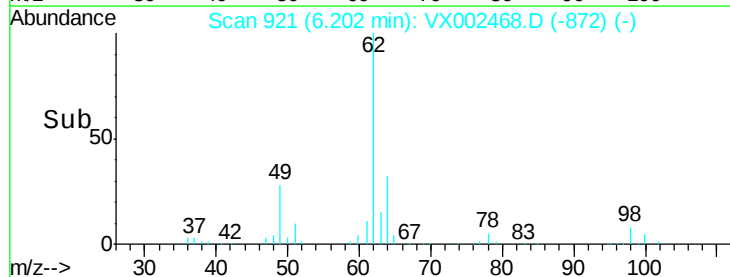
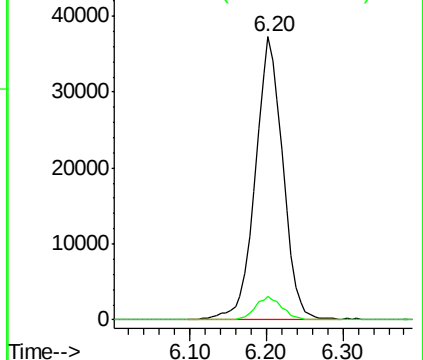


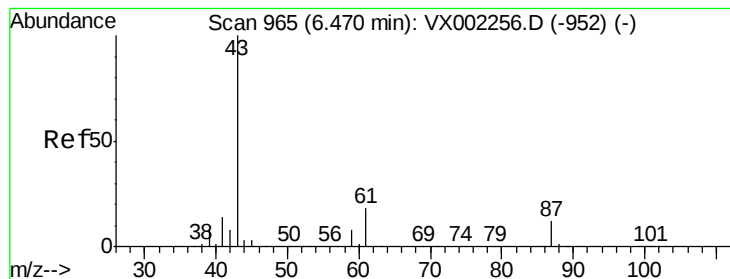
#42
1,2-Dichloroethane
Concen: 20.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:	62	Resp:	93266
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6



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



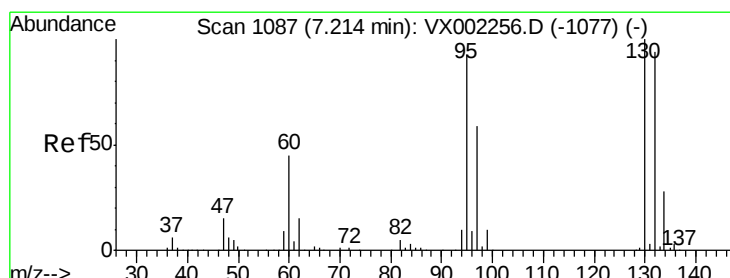
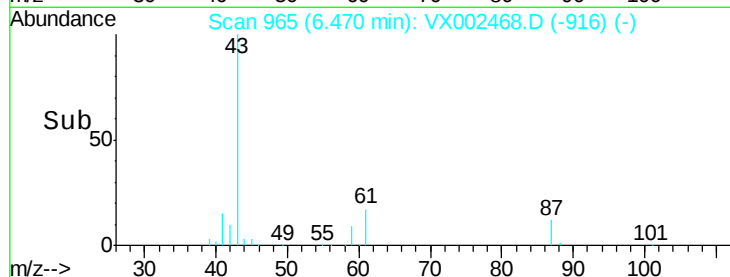
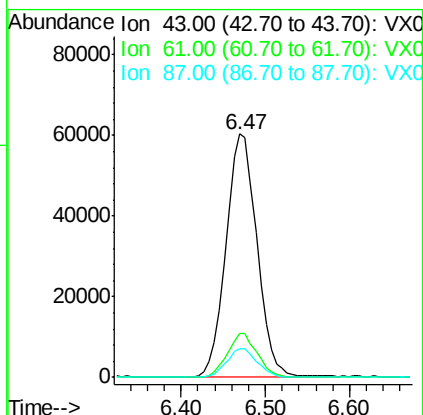
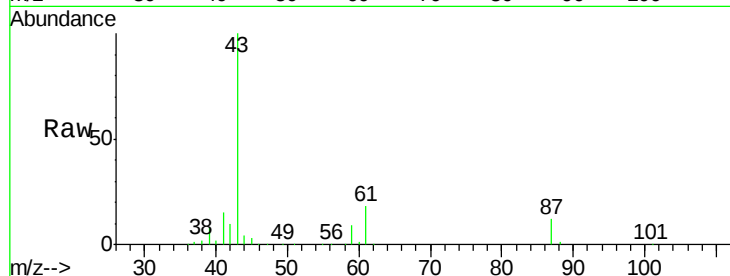


#43

Isopropyl Acetate
 Concen: 19.67 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :

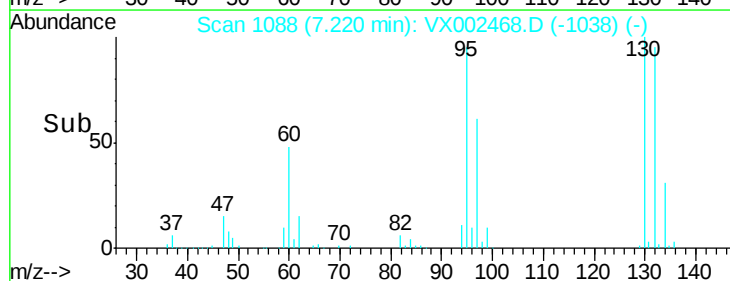
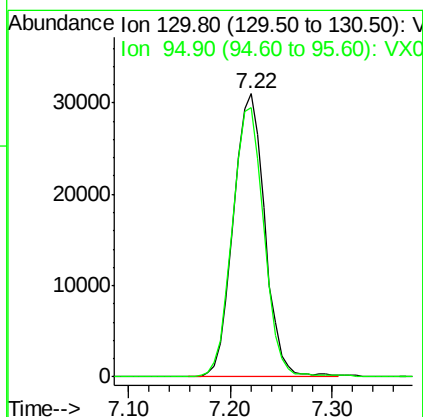
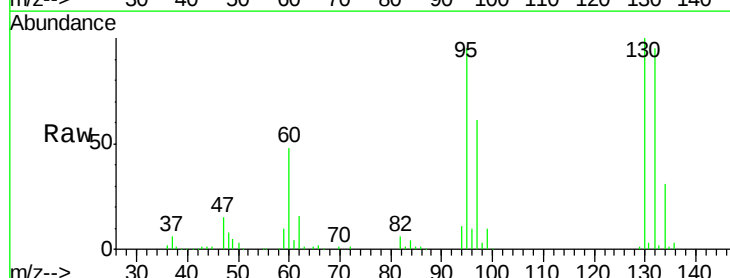
Tot Ion: 43 Resp: 150841
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.4 21.6
 87 11.7 9.5 14.3

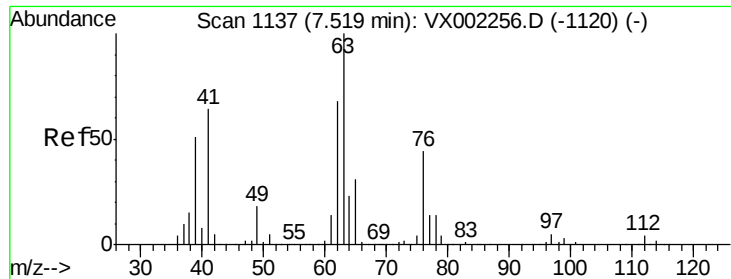


#44

Trichloroethene
 Concen: 20.70 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion:130 Resp: 66153
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 185.4





#45

1,2-Dichloropropane

Concen: 19.56 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

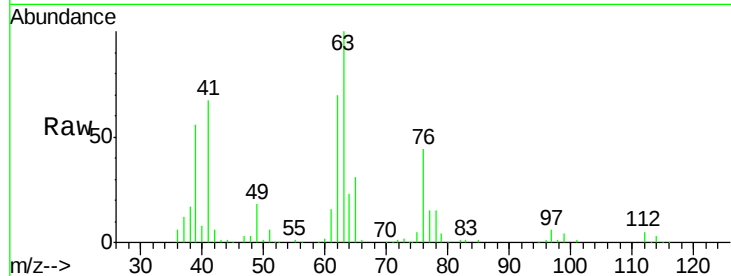
ClientSampleId :

Tot Ion: 63 Resp: 60792

Ion Ratio Lower Upper

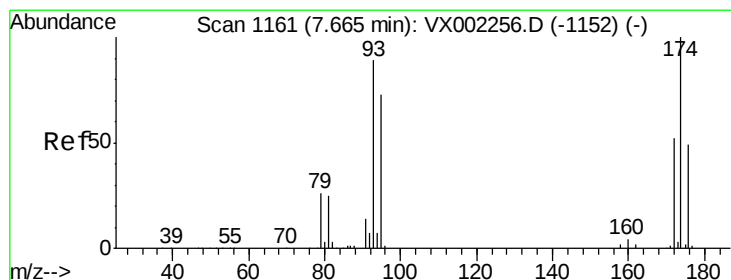
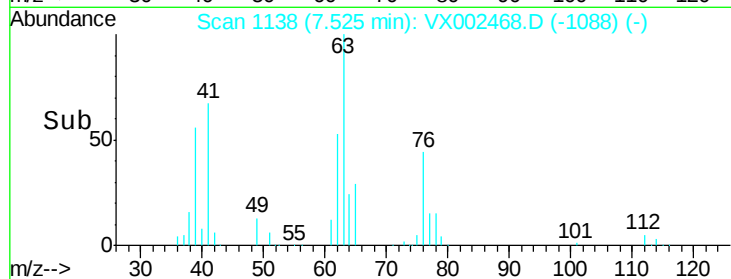
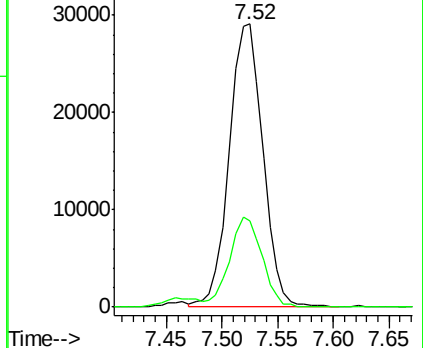
63 100

65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.36 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

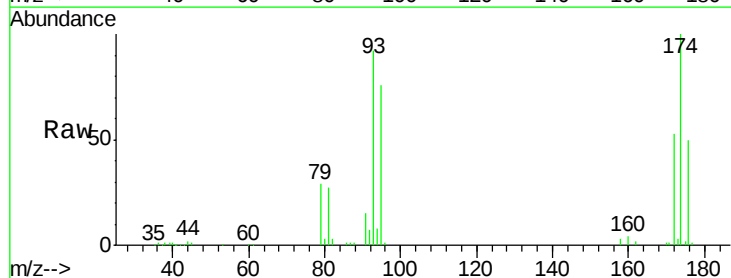
Tgt Ion: 93 Resp: 42897

Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

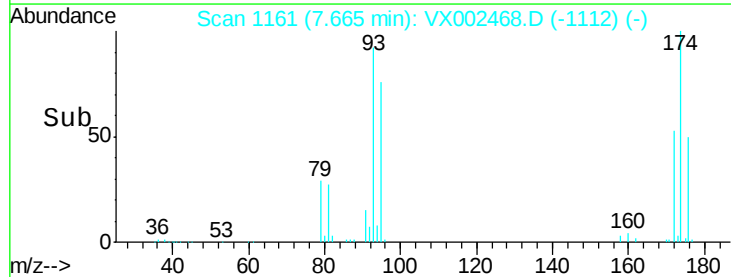
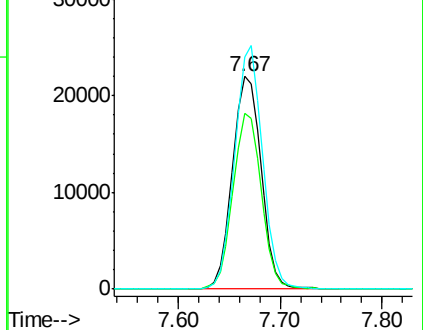
174 110.4 92.4 138.6

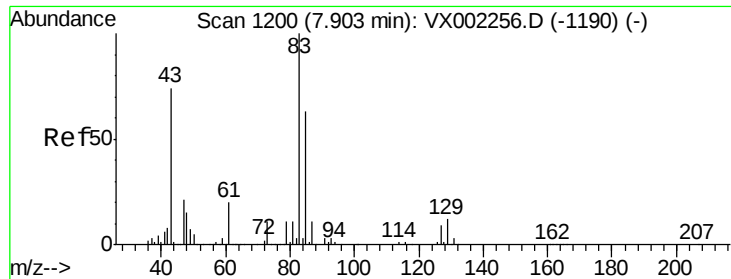


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :

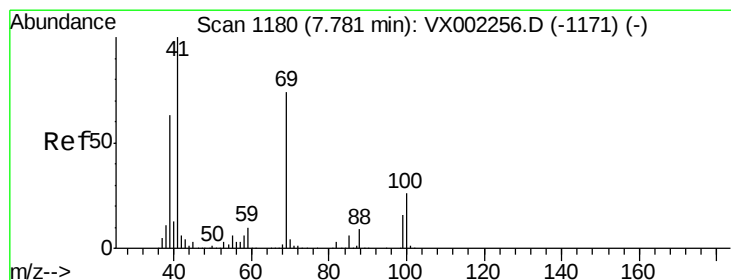
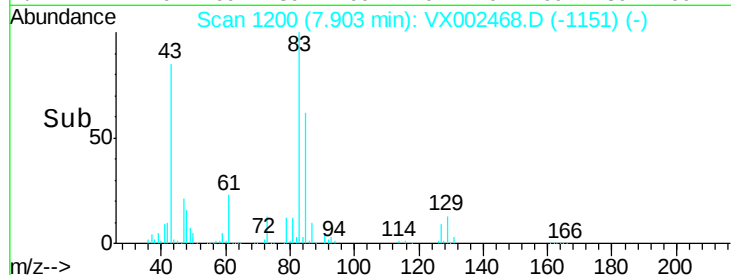
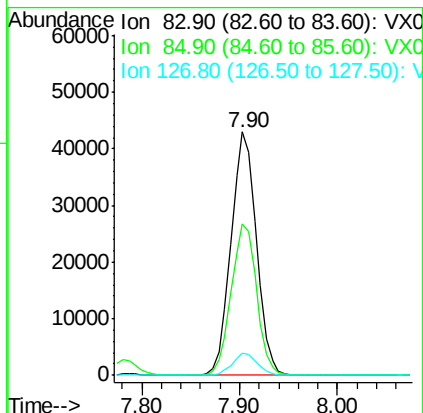
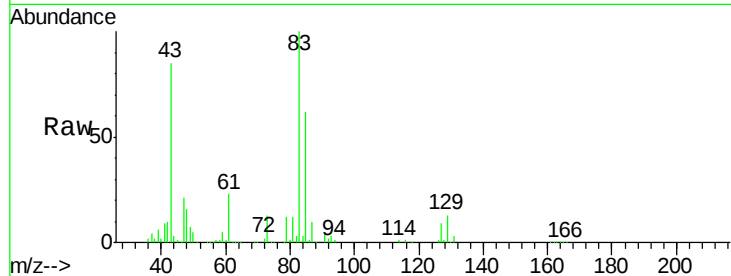
Tot Ion: 83 Resp: 77552

Ion Ratio Lower Upper

83 100

85 62.1 50.3 75.5

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 20.13 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

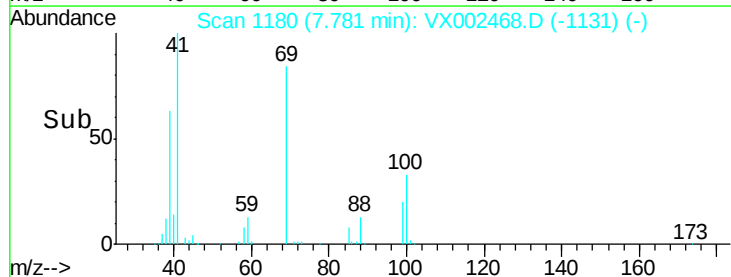
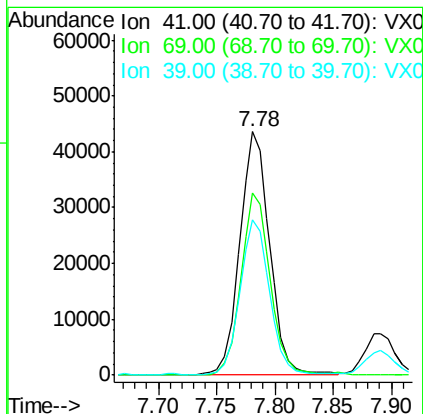
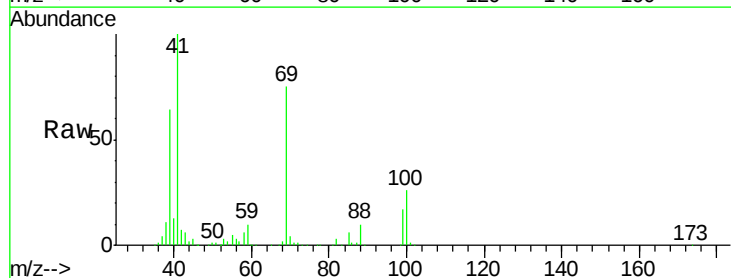
Tgt Ion: 41 Resp: 77540

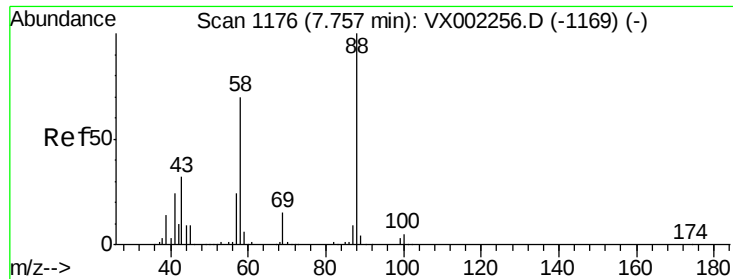
Ion Ratio Lower Upper

41 100

69 74.4 59.1 88.7

39 63.0 48.9 73.3

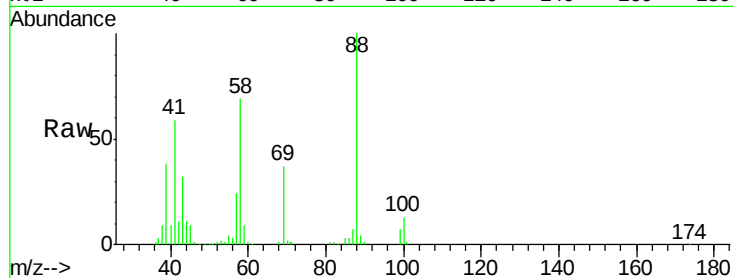




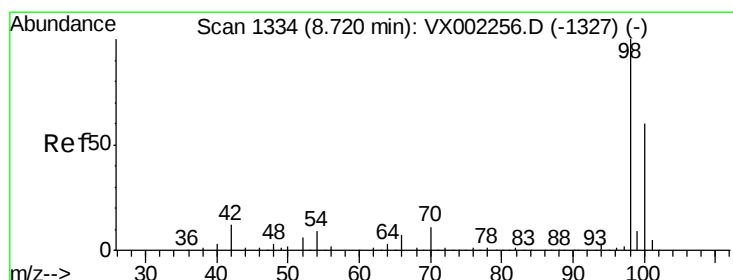
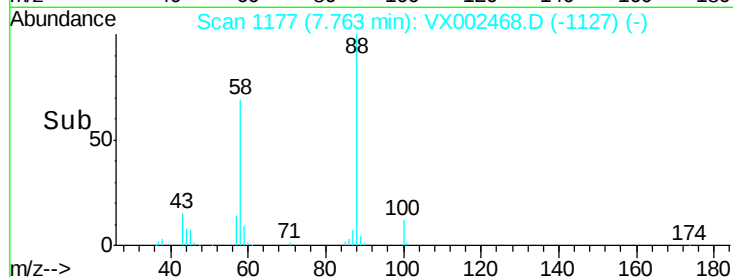
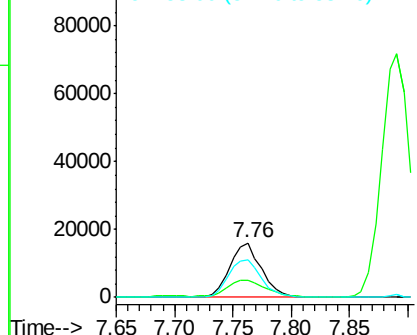
#49
1,4-Dioxane
Concen: 418.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 30122
Ion Ratio Lower Upper
88 100
43 38.3 29.8 44.6
58 72.7 57.1 85.7

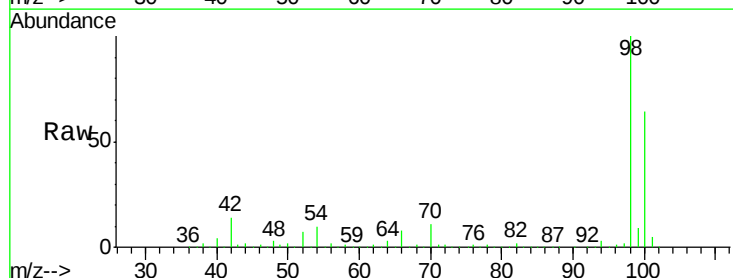


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

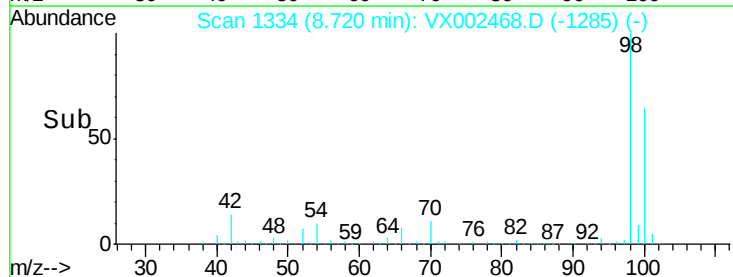
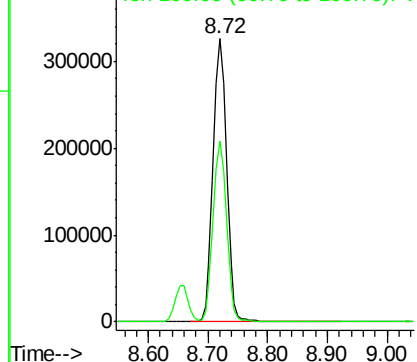


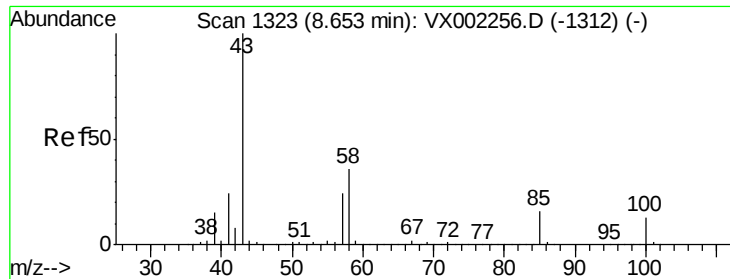
#50
Toluene-d8
Concen: 47.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 98 Resp: 510643
Ion Ratio Lower Upper
98 100
100 63.4 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: 105.17 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

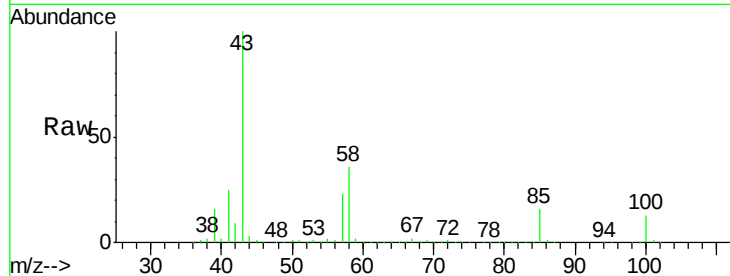
ClientSampleId :

Tot Ion: 43 Resp: 502301

Ion Ratio Lower Upper

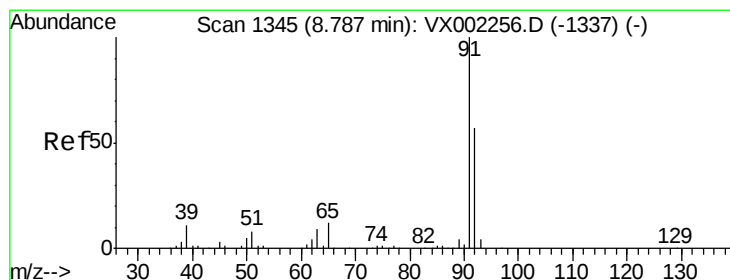
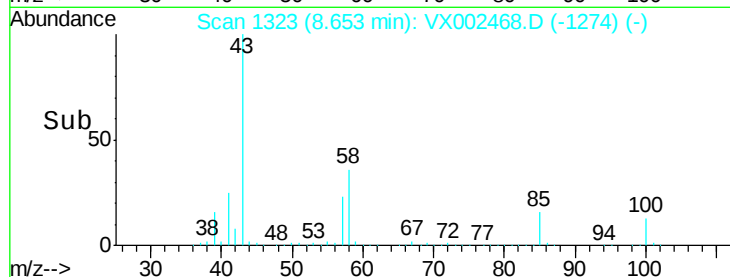
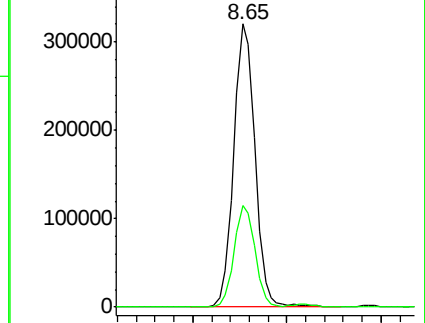
43 100

58 35.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.79 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002468.D

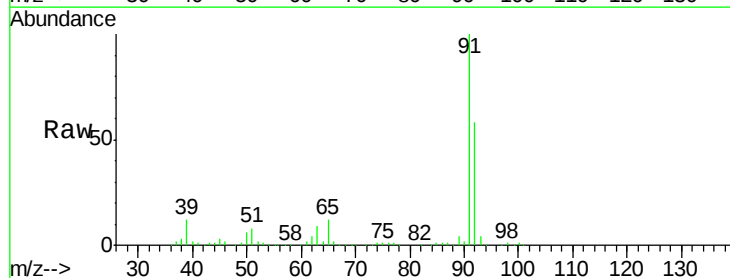
Acq: 12 Jun 2018 15:58

Tgt Ion: 92 Resp: 152203

Ion Ratio Lower Upper

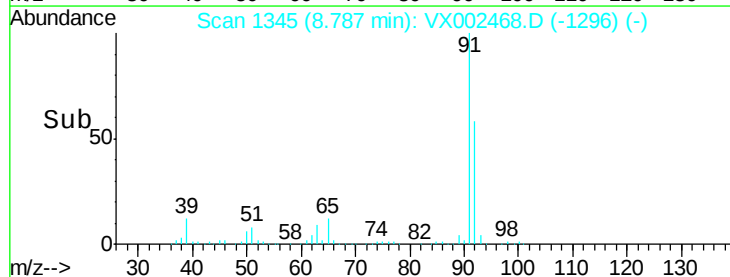
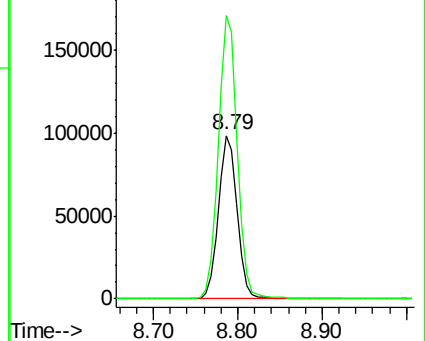
92 100

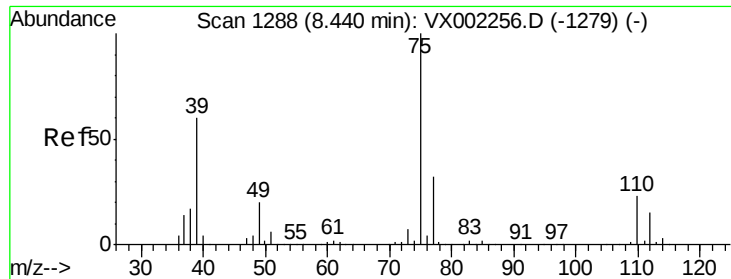
91 175.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

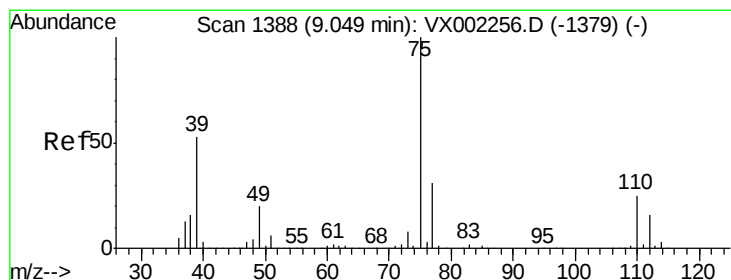
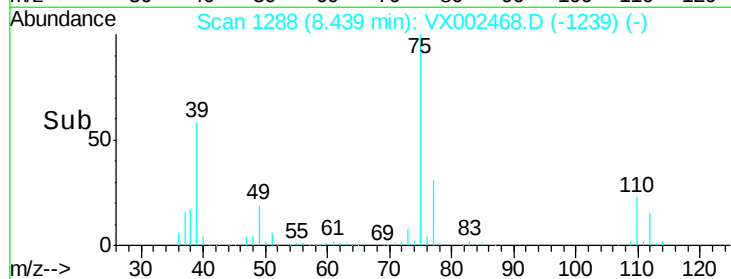
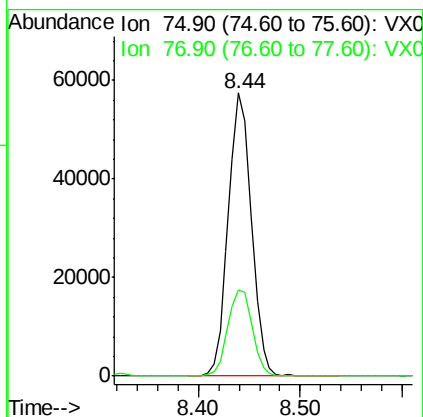
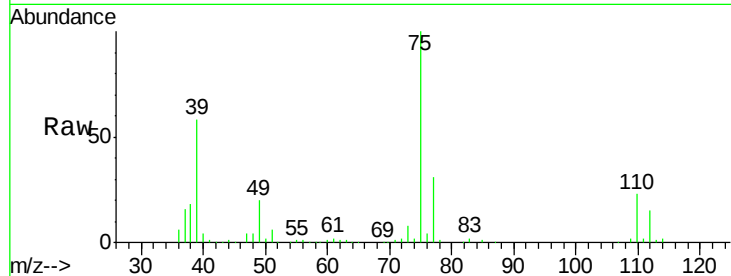




#53
t-1,3-Dichloropropene
Concen: 19.78 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

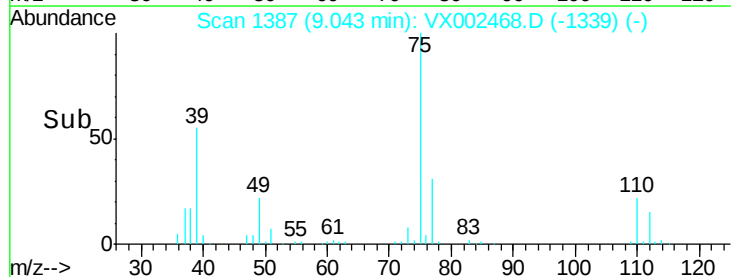
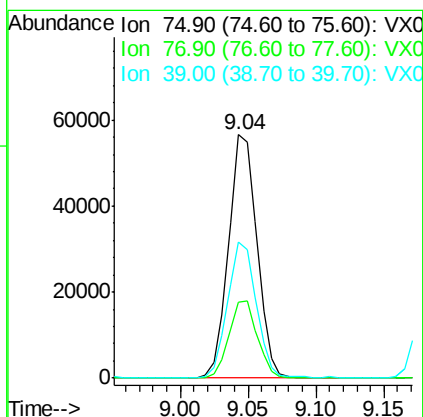
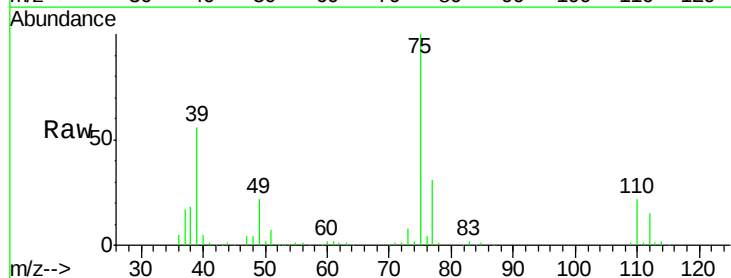
Instrument :
MSVOA_X
ClientSampleId :

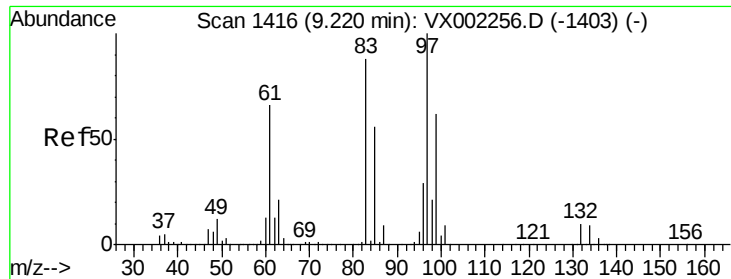
Tot Ion: 75 Resp: 90404
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.12 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 75 Resp: 82418
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 55.5 42.4 63.6



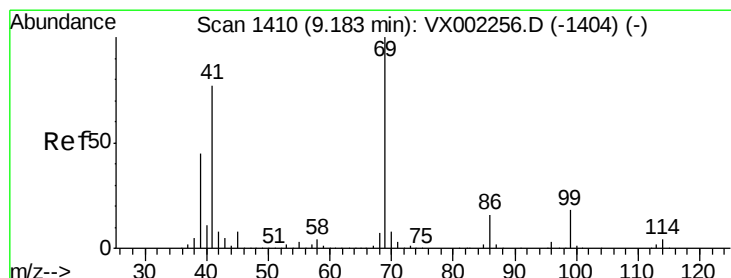
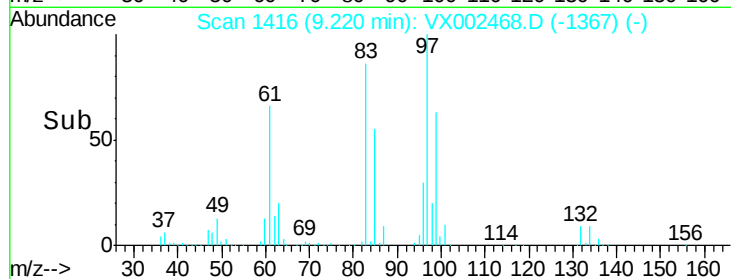
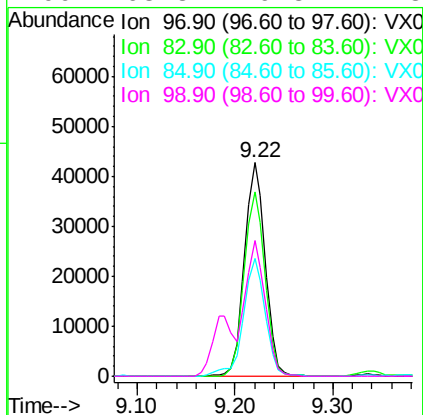
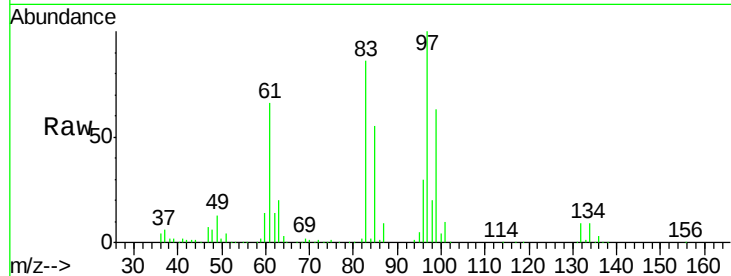


#55
 1,1,2-Trichloroethane
 Concen: 21.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 63463

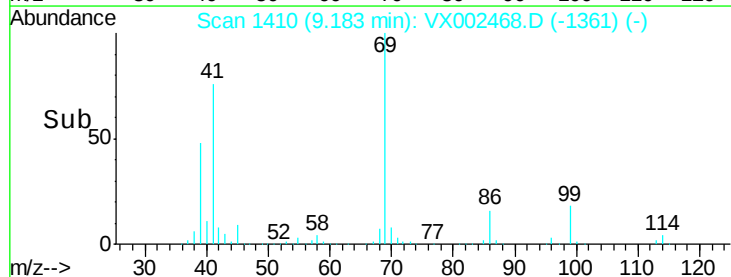
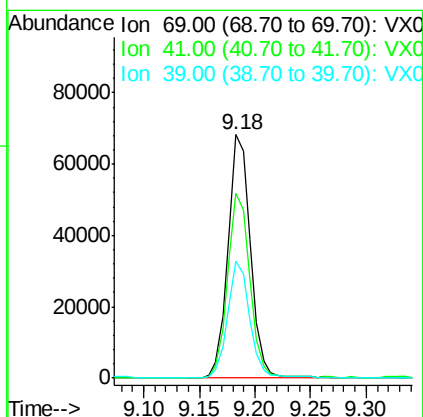
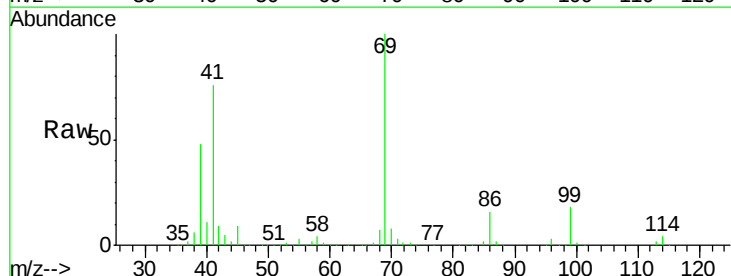
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	54.9	44.9	67.3
99	63.3	49.8	74.8

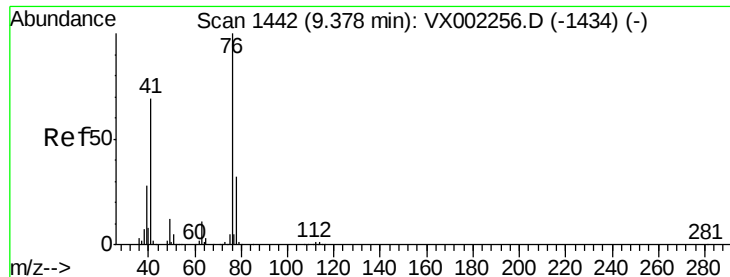


#56
 Ethyl methacrylate
 Concen: 19.85 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 69 Resp: 95447

Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.3	90.5
39	46.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.69 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

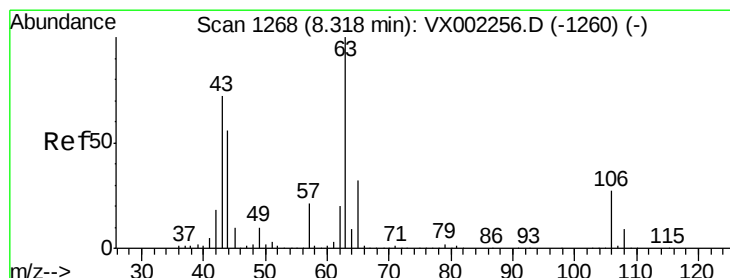
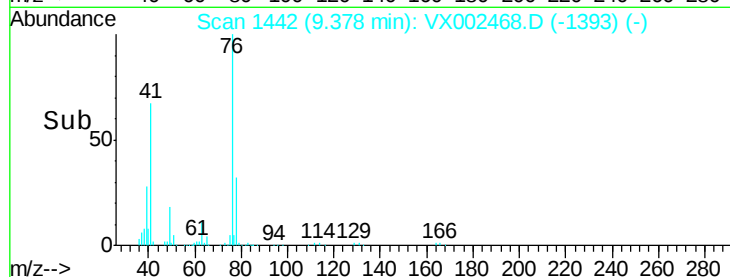
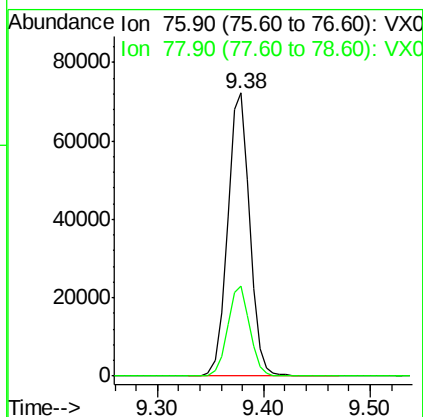
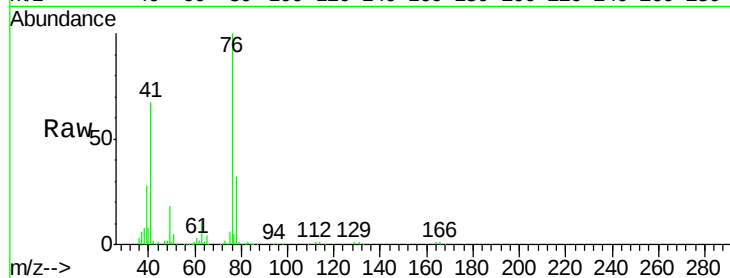
ClientSampleId :

Tot Ion: 76 Resp: 104507

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 117.62 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002468.D

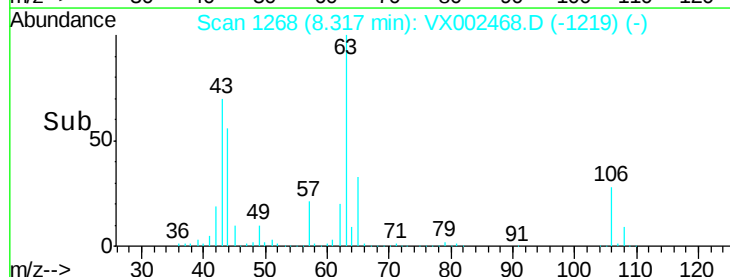
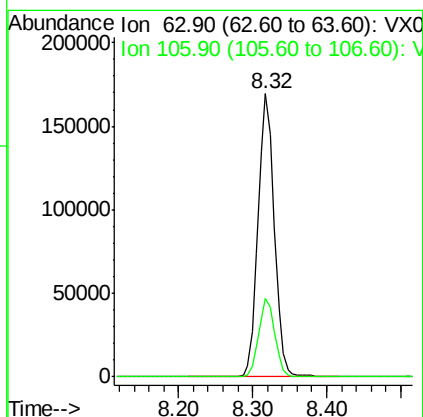
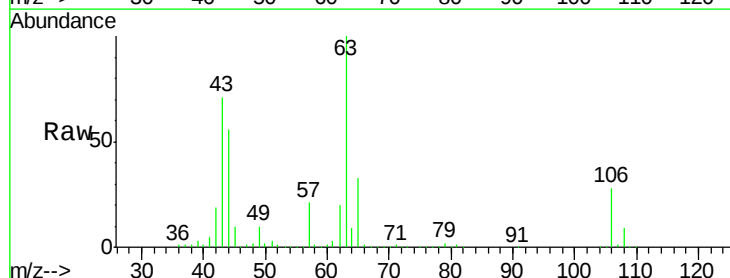
Acq: 12 Jun 2018 15:58

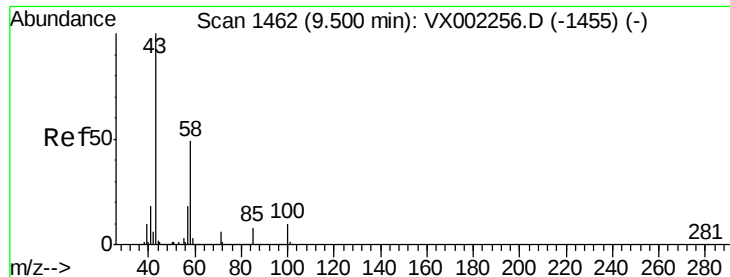
Tgt Ion: 63 Resp: 261730

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

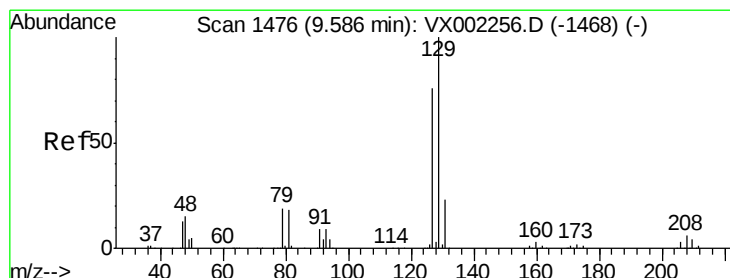
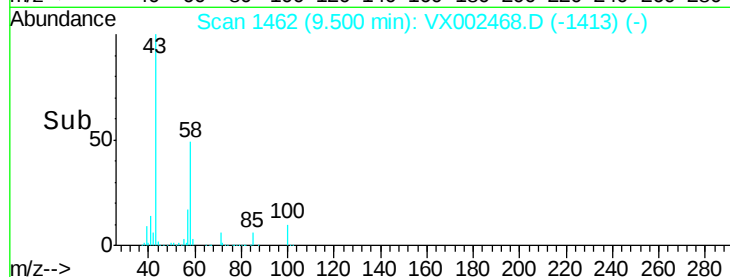
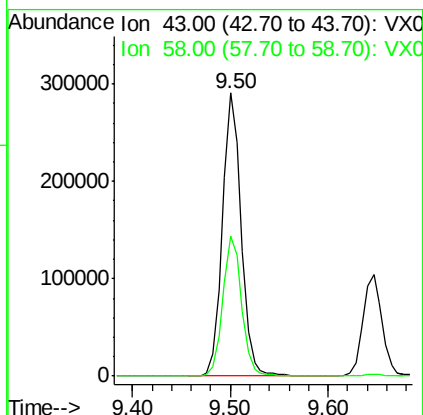
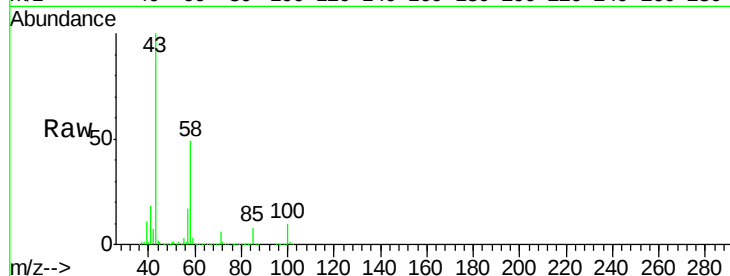




#59
2-Hexanone
Concen: 104.67 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

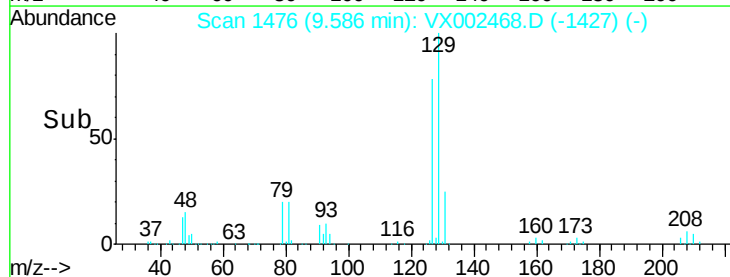
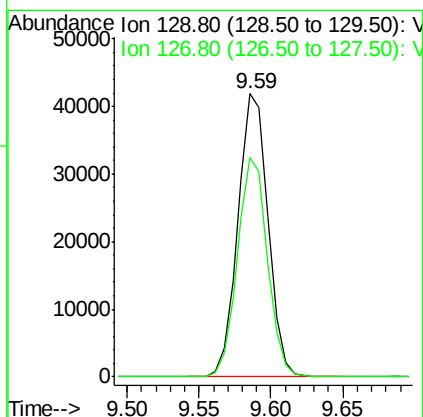
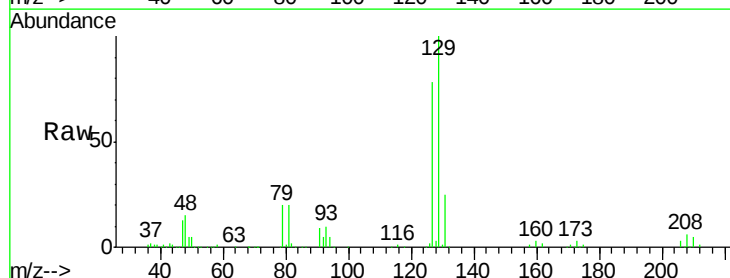
Instrument :
MSVOA_X
ClientSampleId :

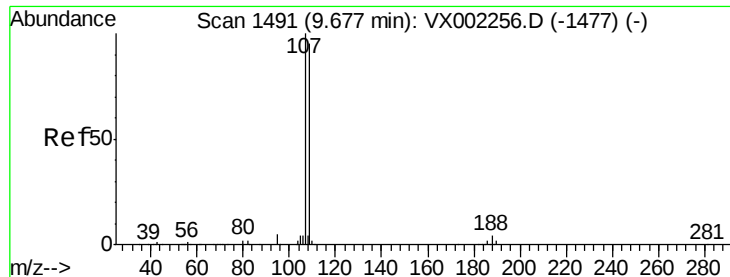
Tot Ion: 43 Resp: 386120
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 20.06 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 129 Resp: 60758
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.58 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

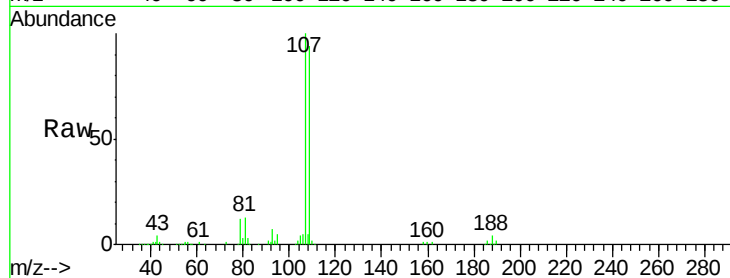
ClientSampleId :

Tot Ion:107 Resp: 64611

Ion Ratio Lower Upper

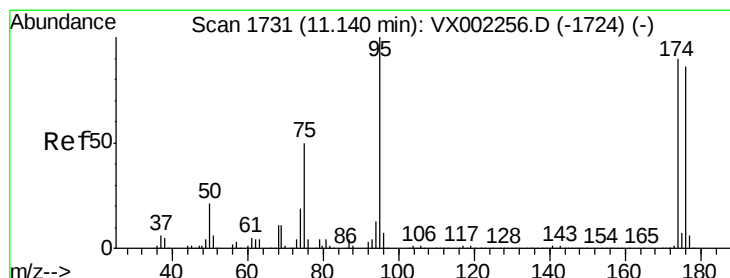
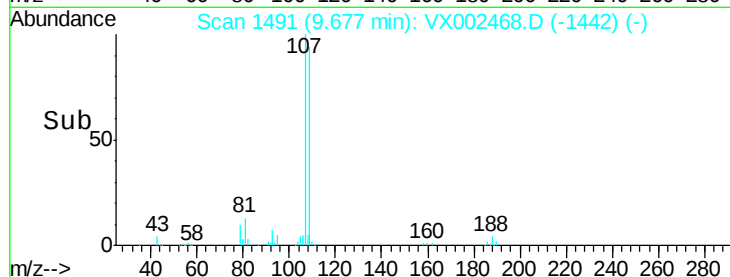
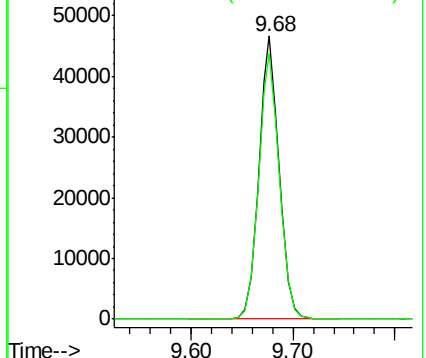
107 100

109 95.9 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: 45.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

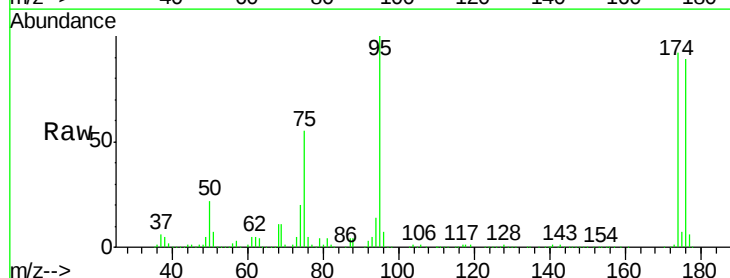
Tgt Ion: 95 Resp: 190365

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.4

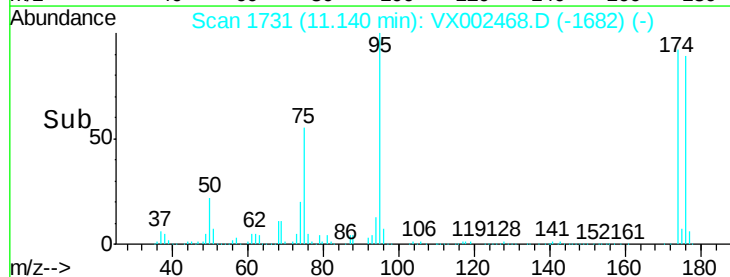
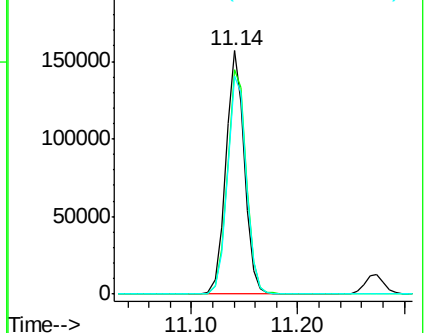
176 92.0 0.0 181.0

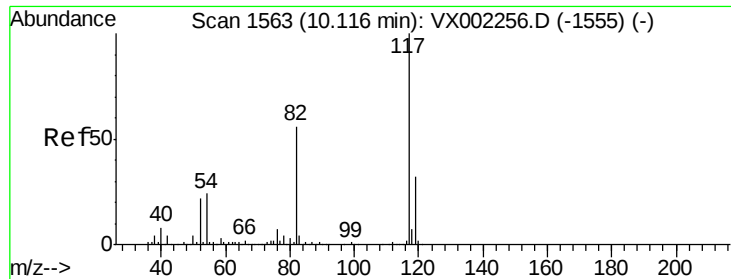


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

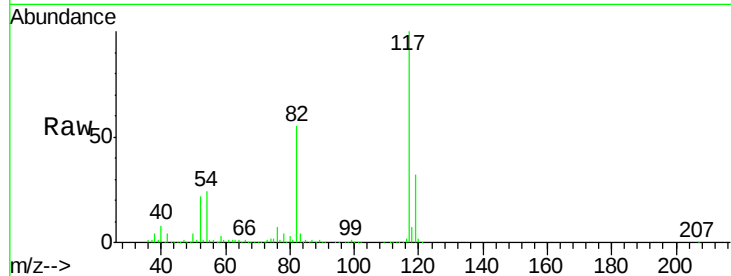




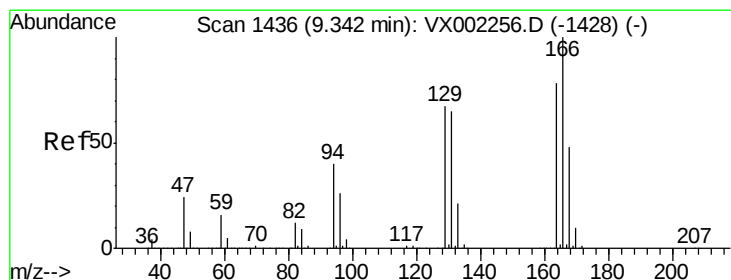
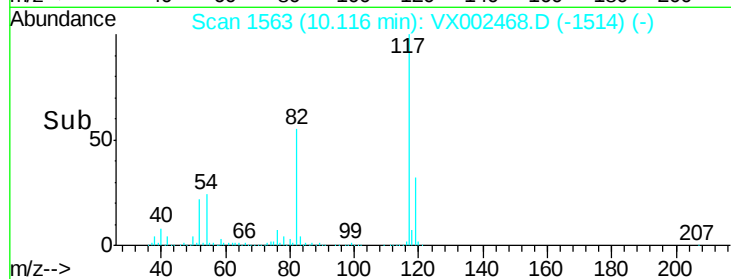
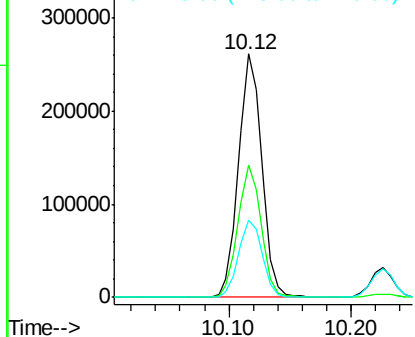
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 343363
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.9 25.8 38.6

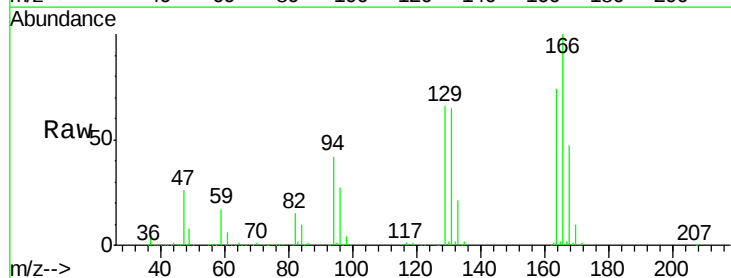


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

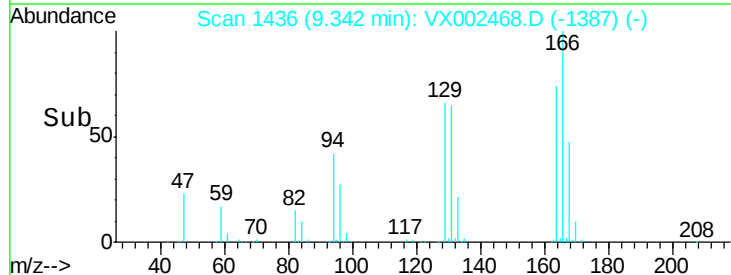
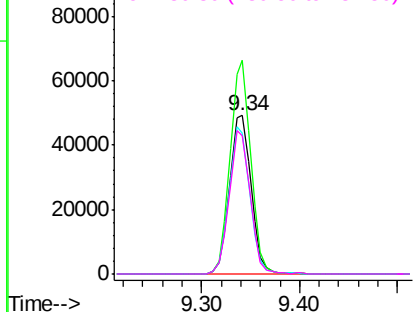


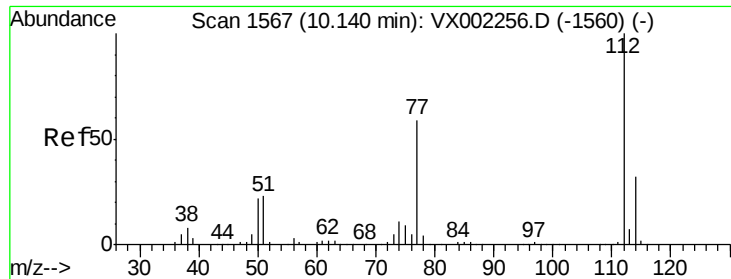
#64
Tetrachloroethene
Concen: 21.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:164 Resp: 75703
Ion Ratio Lower Upper
164 100
166 134.6 102.9 154.3
129 88.5 68.6 102.8
131 86.9 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

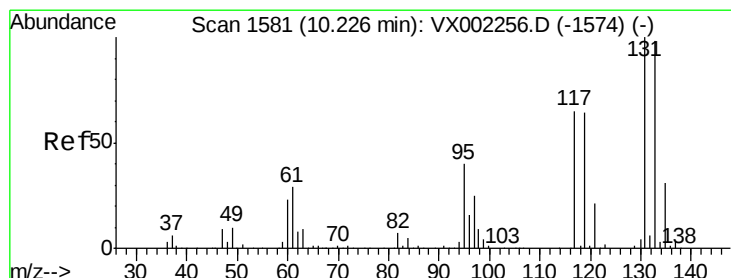
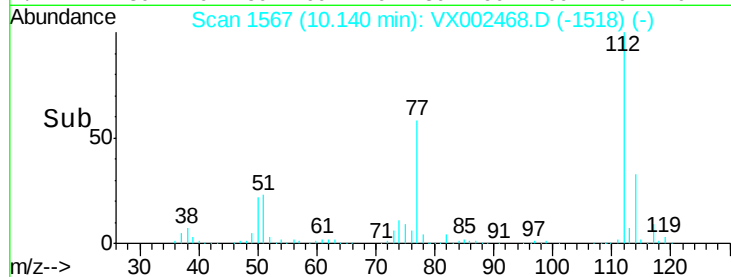
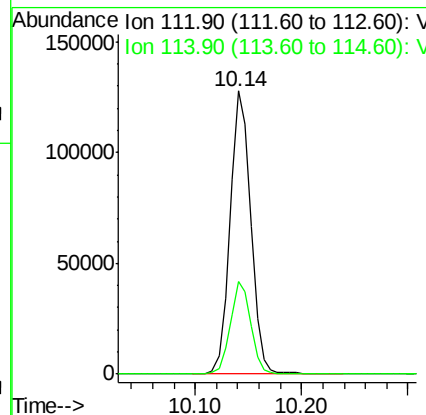
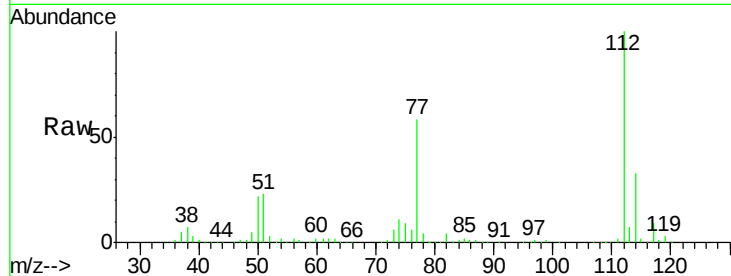




#65
Chlorobenzene
Concen: 20.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

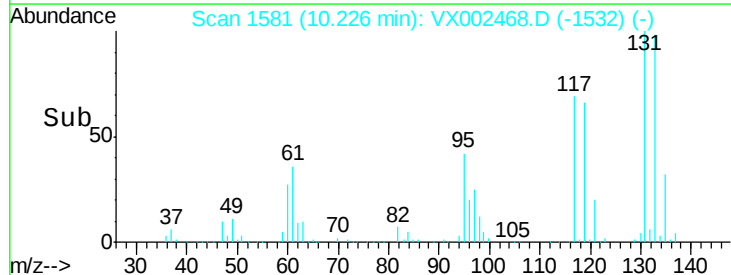
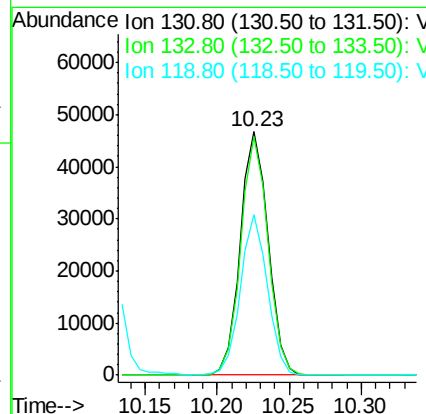
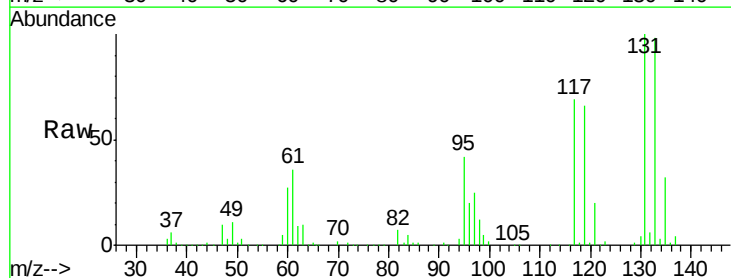
Instrument :
MSVOA_X
ClientSampled :

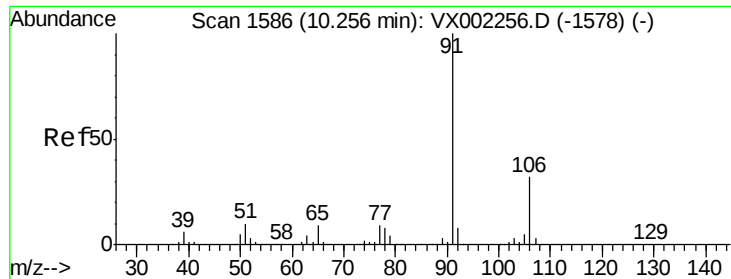
Tot Ion:112 Resp: 174829
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.34 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:131 Resp: 62920
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.2 31.8 95.3





#67

Ethyl Benzene

Concen: 21.04 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

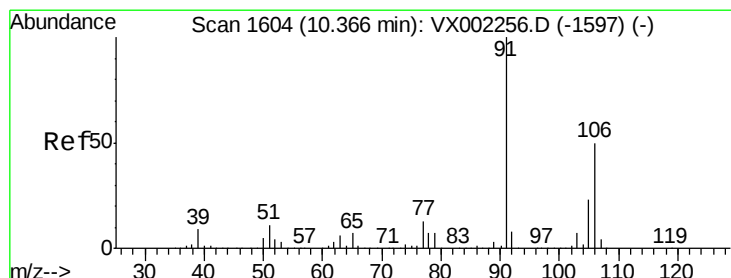
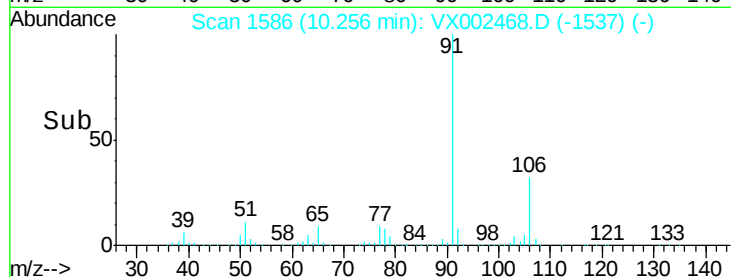
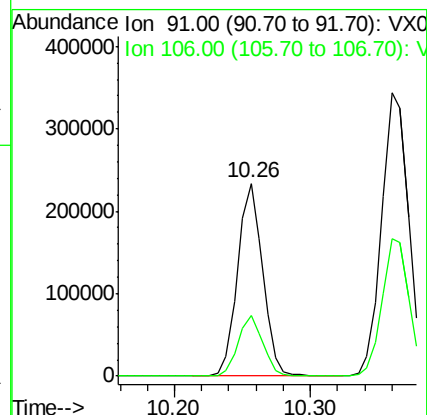
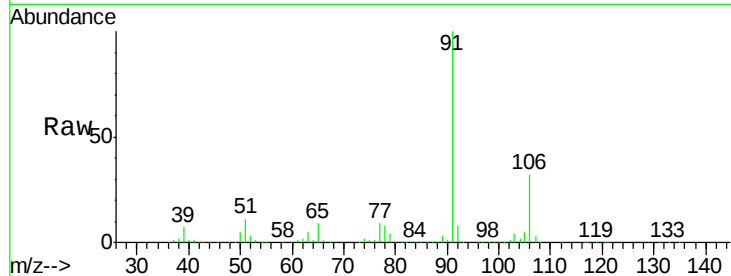
ClientSampleId :

Tot Ion: 91 Resp: 300888

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 41.41 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002468.D

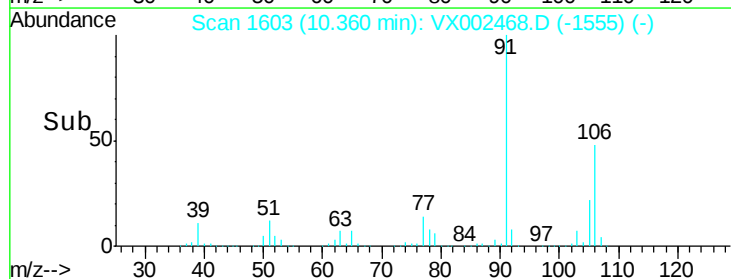
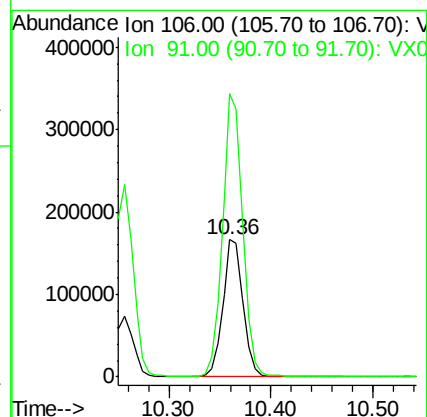
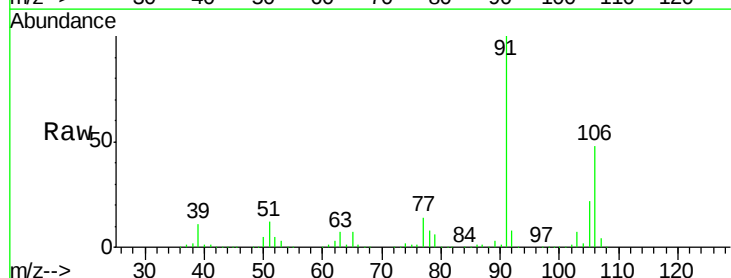
Acq: 12 Jun 2018 15:58

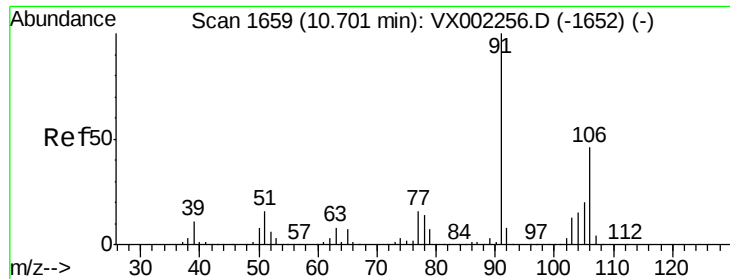
Tgt Ion: 106 Resp: 230166

Ion Ratio Lower Upper

106 100

91 206.9 163.4 245.2

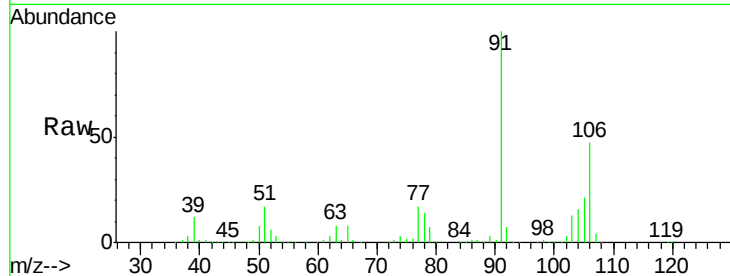




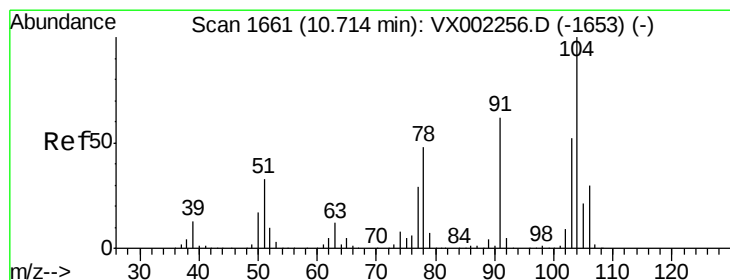
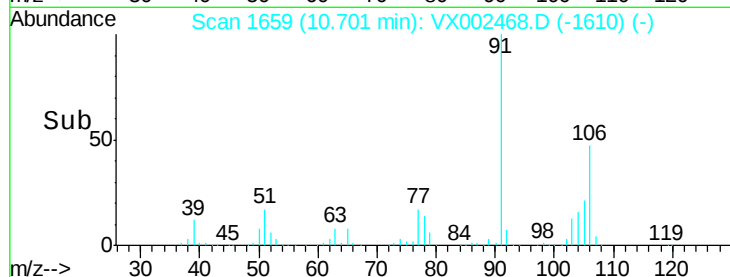
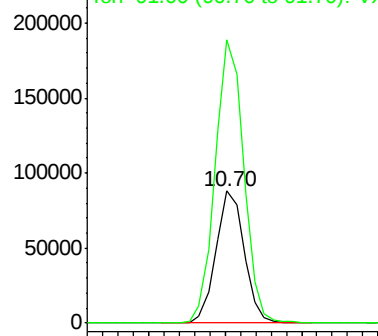
#69
o-Xylene
Concen: 20.45 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 113105
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6

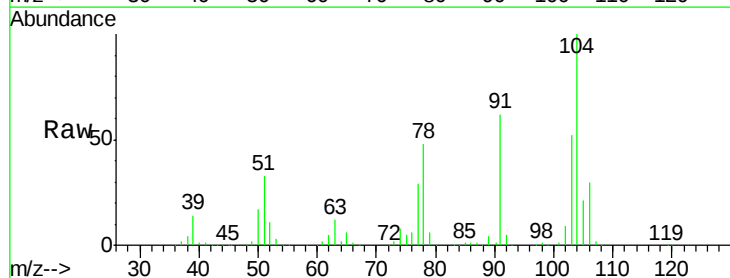


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

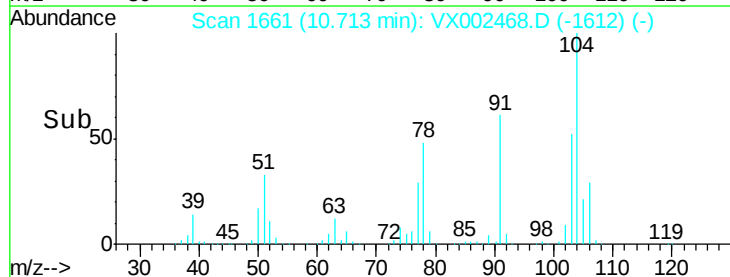
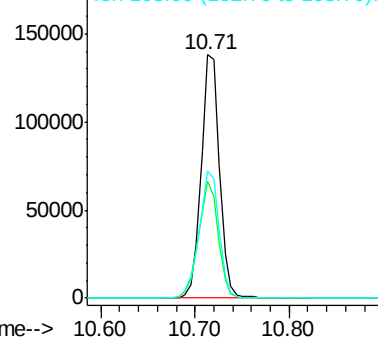


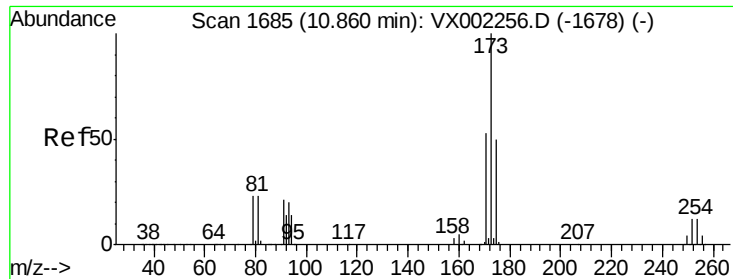
#70
Styrene
Concen: 20.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:104 Resp: 186840
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 56.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.51 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

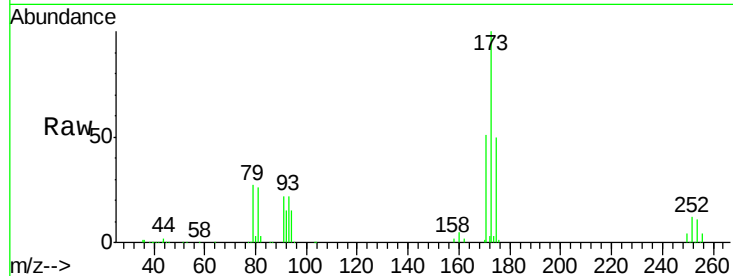
Tot Ion:173 Resp: 44791

Ion Ratio Lower Upper

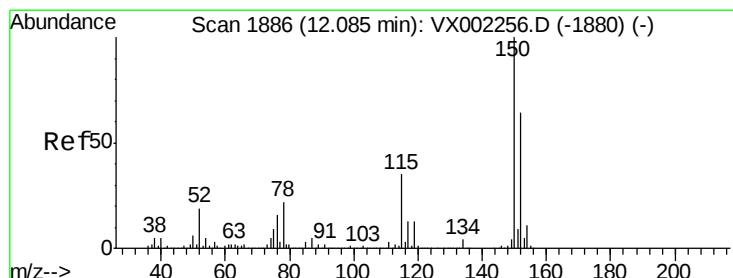
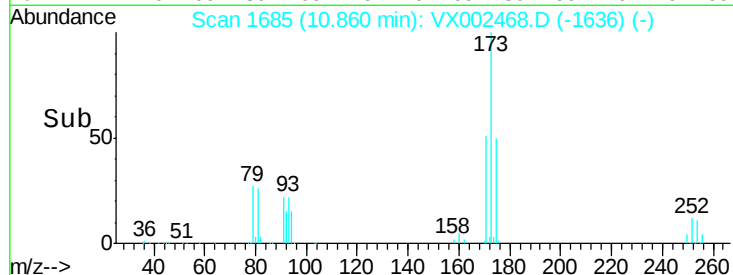
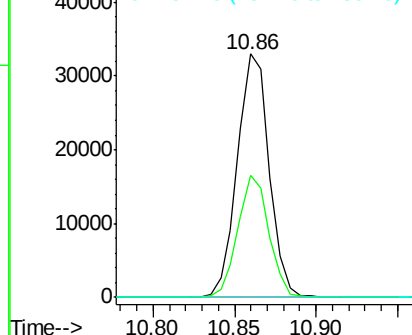
173 100

175 49.1 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

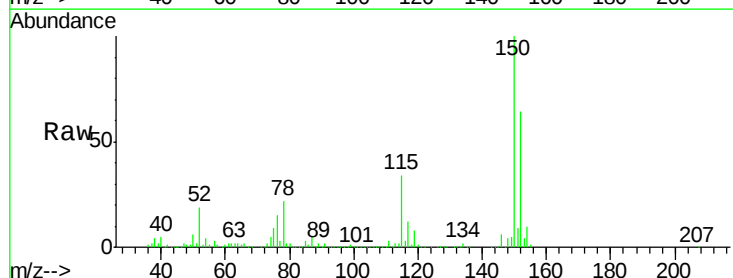
Tgt Ion:152 Resp: 215653

Ion Ratio Lower Upper

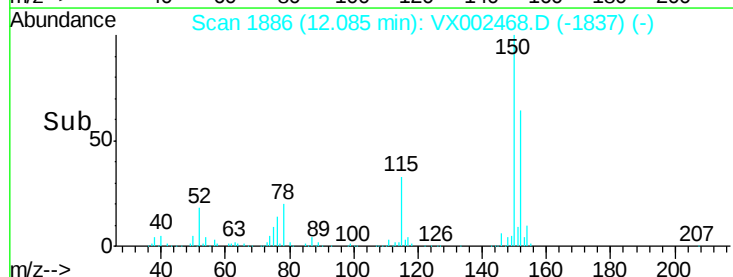
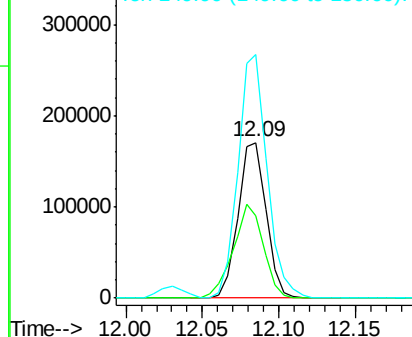
152 100

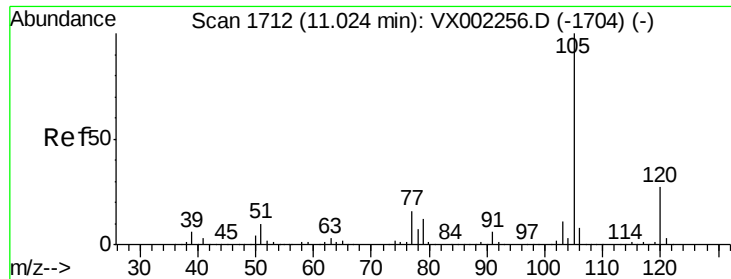
115 65.3 40.1 120.2

150 162.9 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: 20.86 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

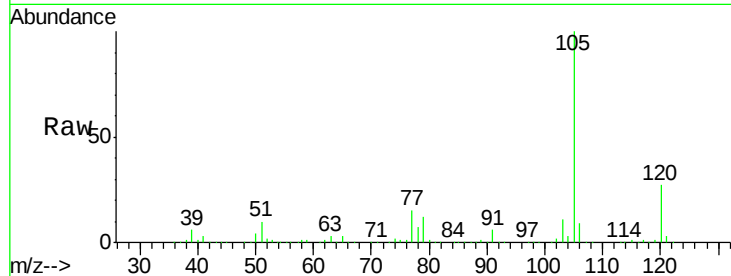
ClientSampled :

Tot Ion:105 Resp: 312980

Ion Ratio Lower Upper

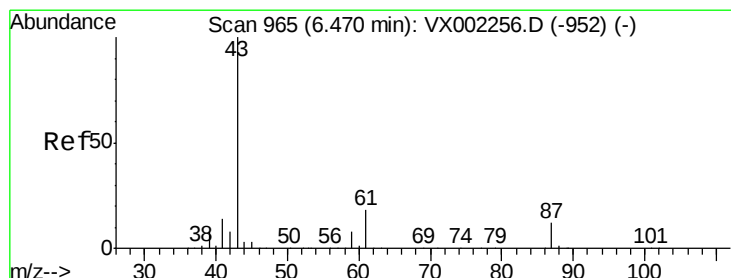
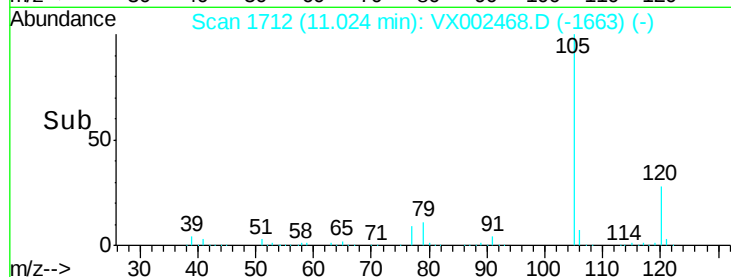
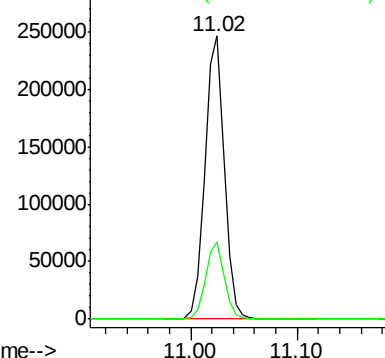
105 100

120 26.5 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: 18.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion: 43 Resp: 150841

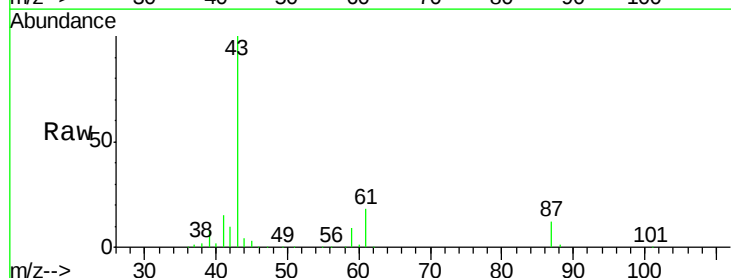
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.6 14.4 21.6

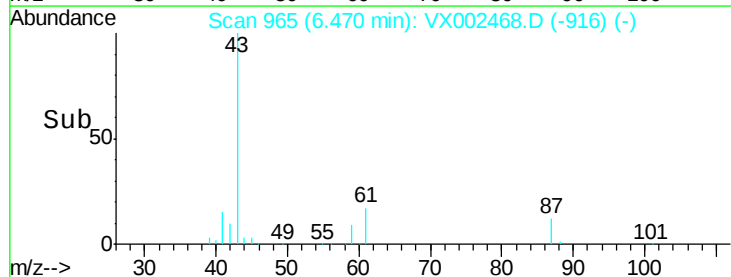
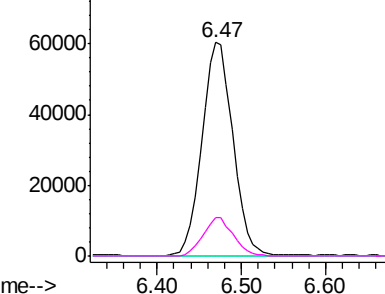


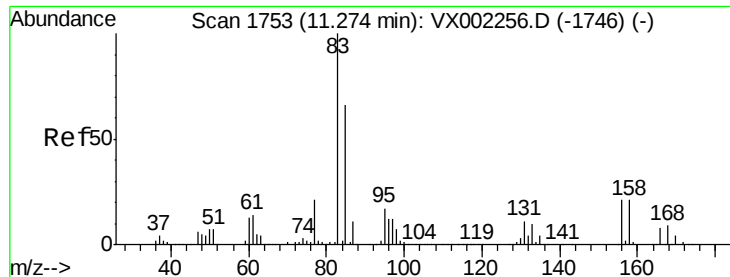
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.13 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

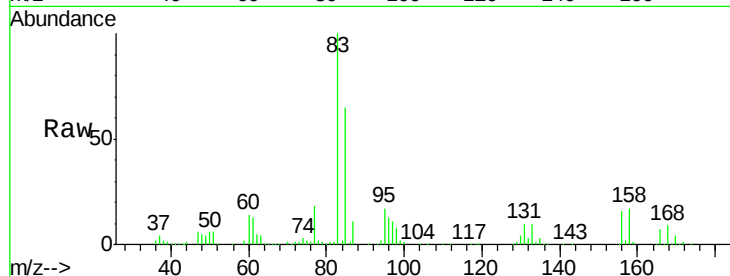
Tot Ion: 83 Resp: 94982

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

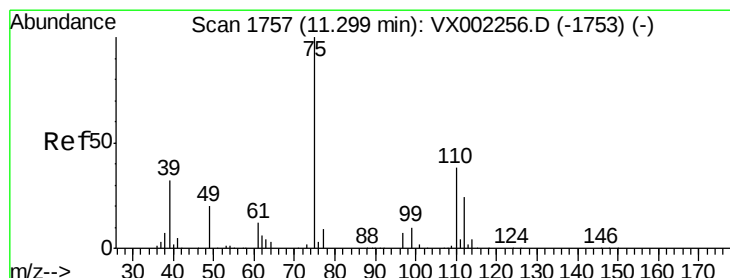
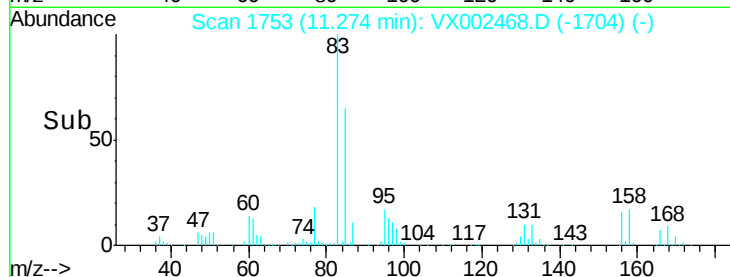
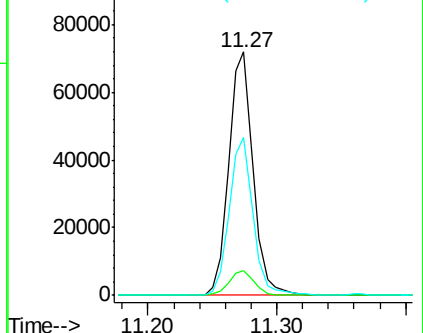
85 63.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.27 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002468.D

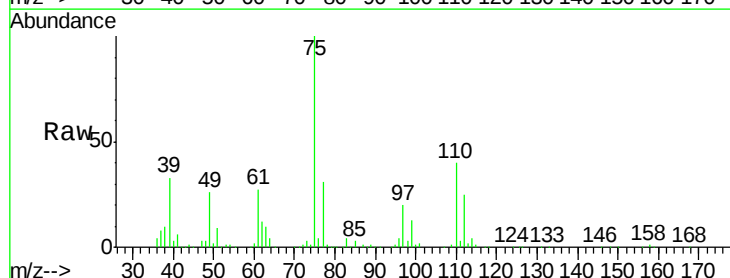
Acq: 12 Jun 2018 15:58

Tgt Ion: 75 Resp: 105379

Ion Ratio Lower Upper

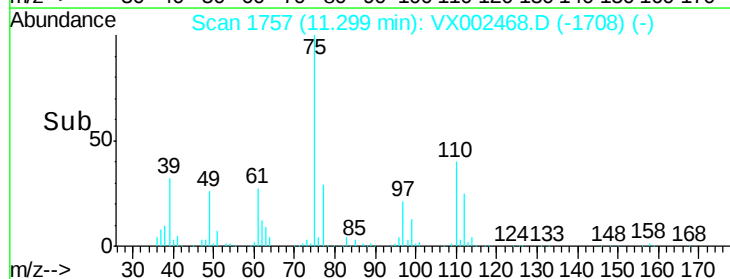
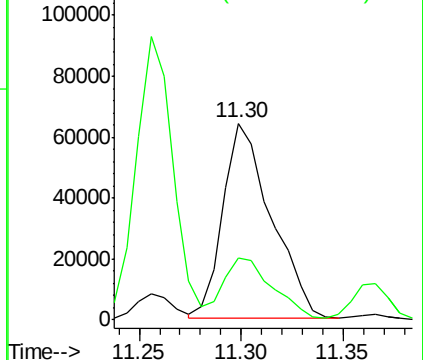
75 100

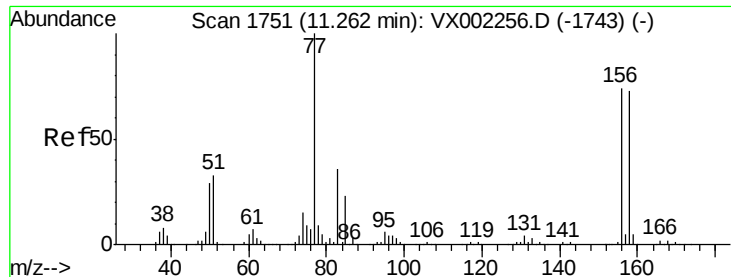
77 32.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

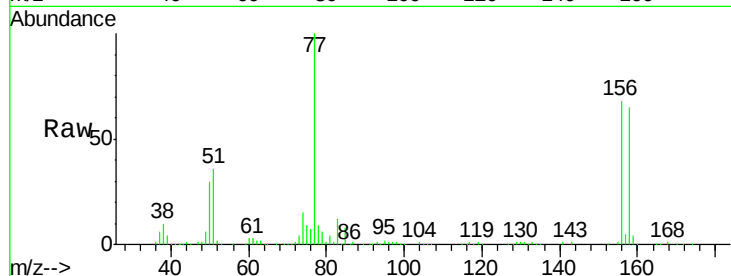
Tot Ion:156 Resp: 83130

Ion Ratio Lower Upper

156 100

77 140.7 71.4 214.2

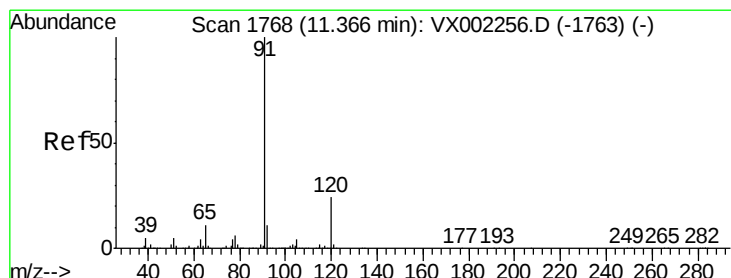
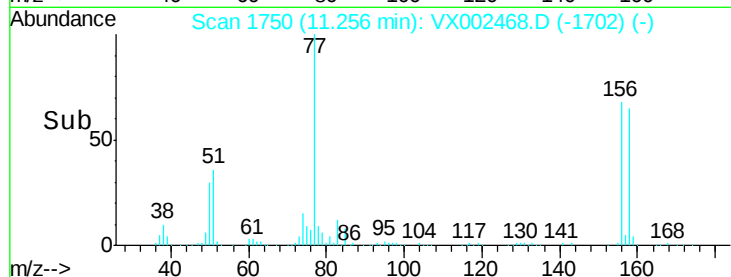
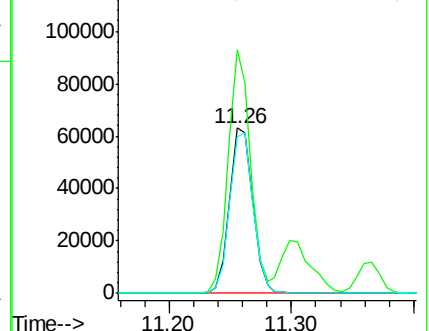
158 97.7 48.9 146.6



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: 21.47 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002468.D

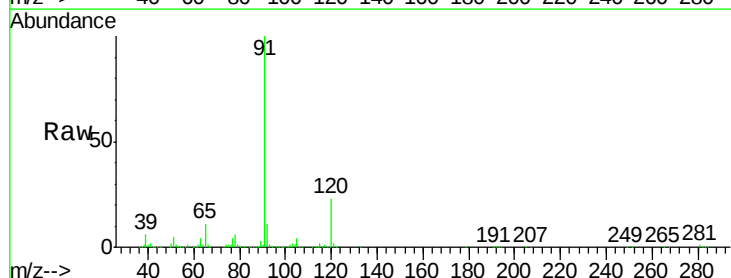
Acq: 12 Jun 2018 15:58

Tgt Ion: 91 Resp: 358049

Ion Ratio Lower Upper

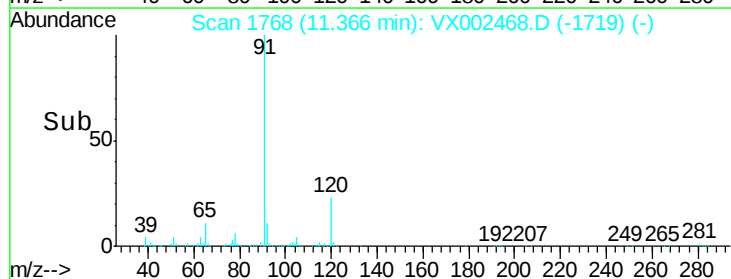
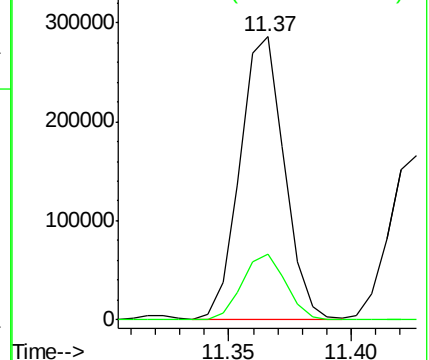
91 100

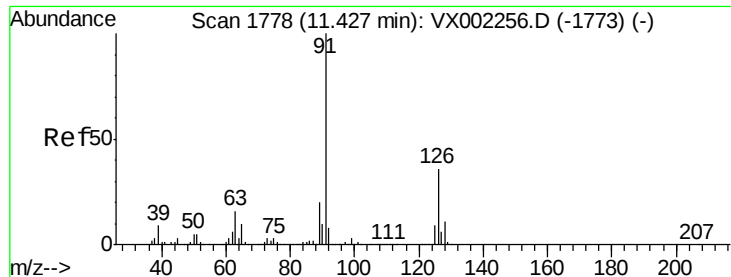
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

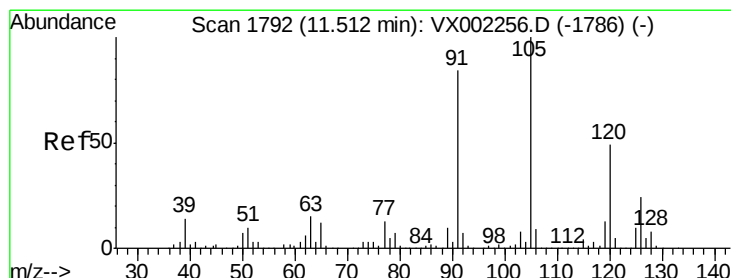
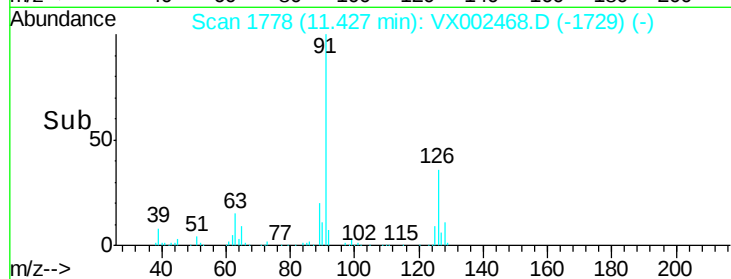
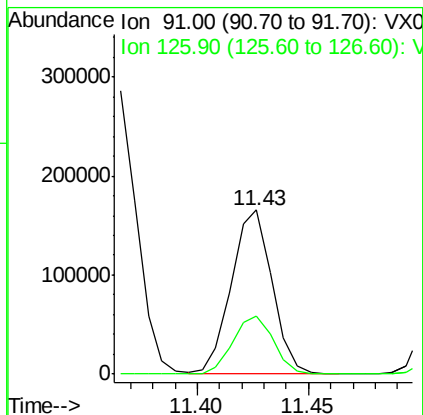
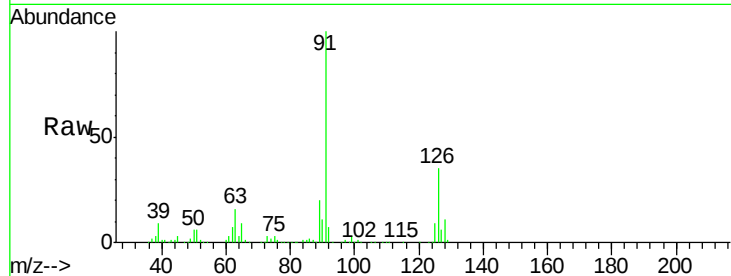




#79
 2-Chlorotoluene
 Concen: 19.98 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

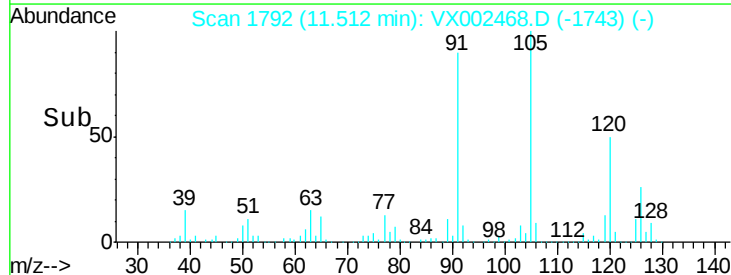
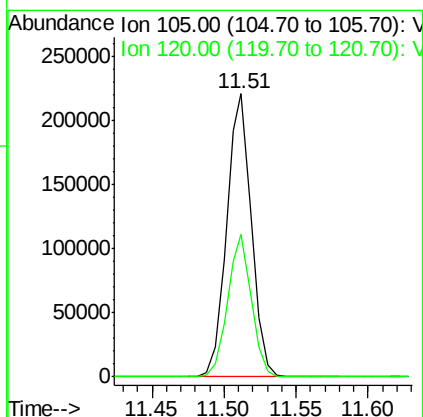
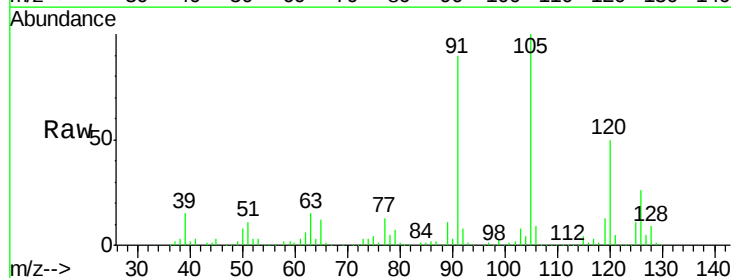
Instrument :
 MSVOA_X
 ClientSampleId :

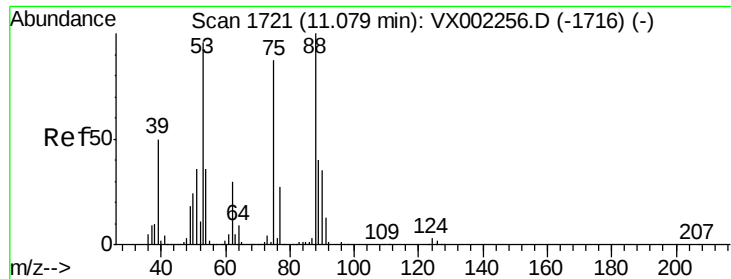
Tot Ion: 91 Resp: 210330
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.74 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 105 Resp: 266842
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4

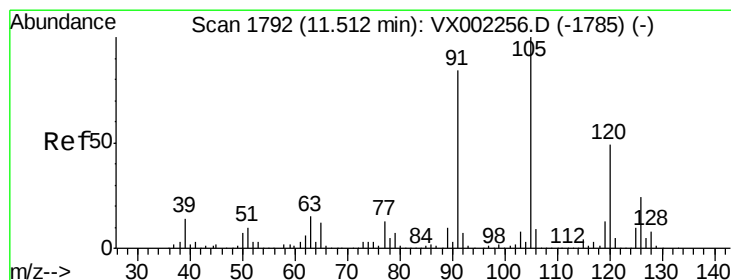
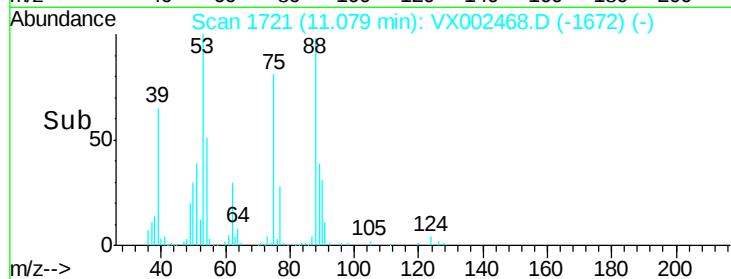
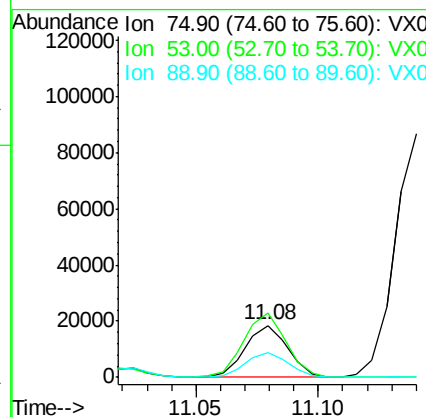
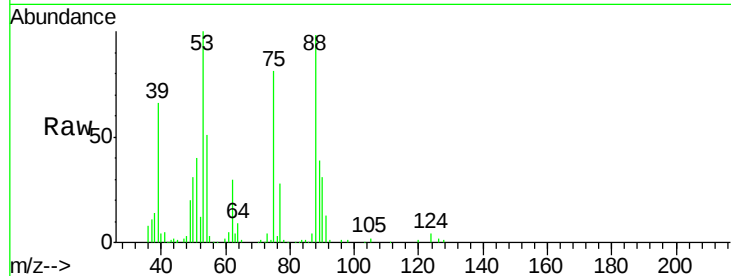




#81
trans-1,4-Dichloro-2-butene
Concen: 16.47 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

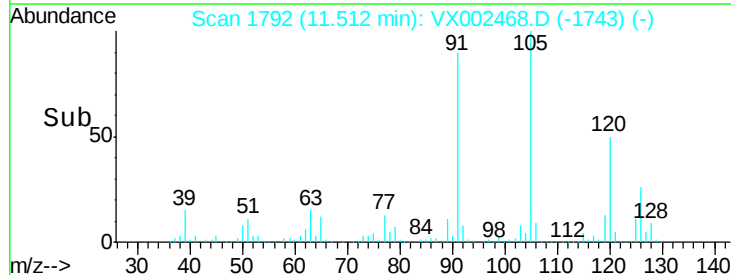
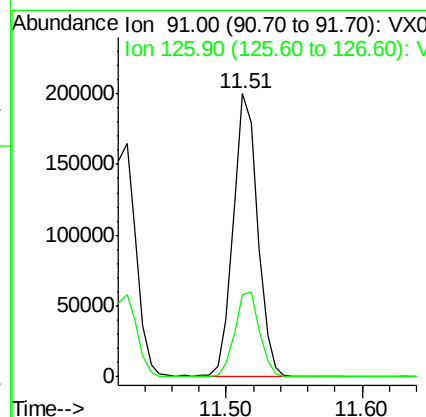
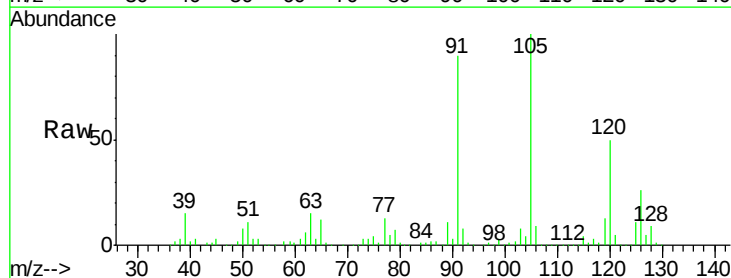
Instrument :
MSVOA_X
ClientSampled :

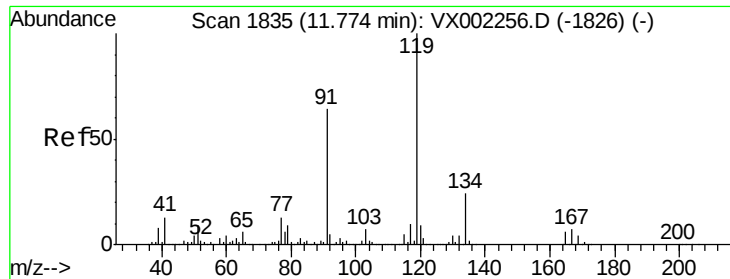
Tot Ion: 75 Resp: 22228
Ion Ratio Lower Upper
75 100
53 123.9 86.8 130.2
89 48.8 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 91 Resp: 249032
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4

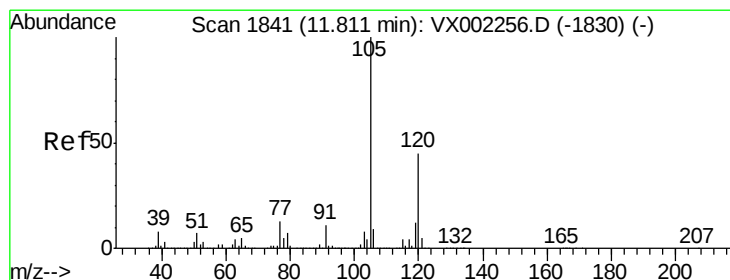
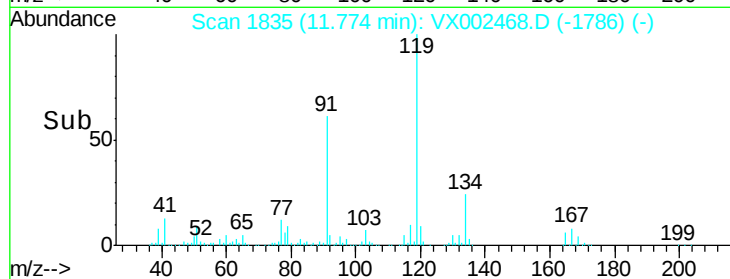
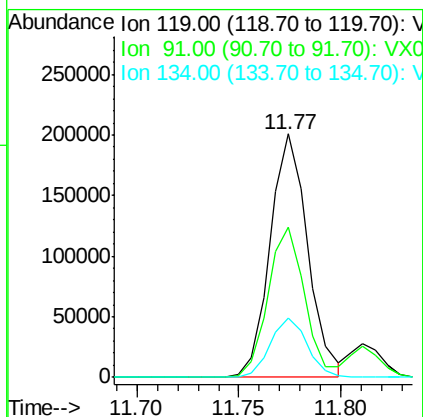
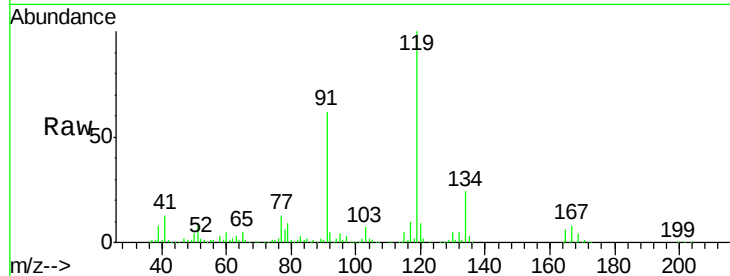




#83
 tert-Butylbenzene
 Concen: 20.59 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

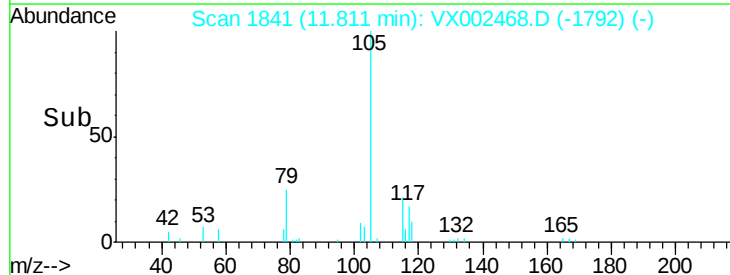
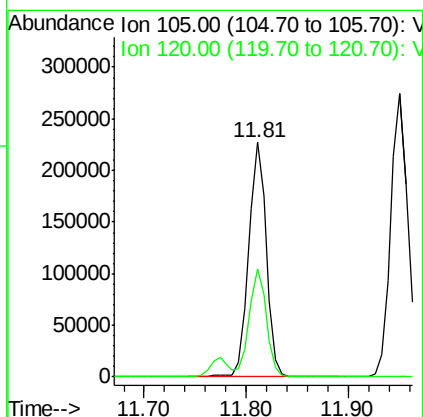
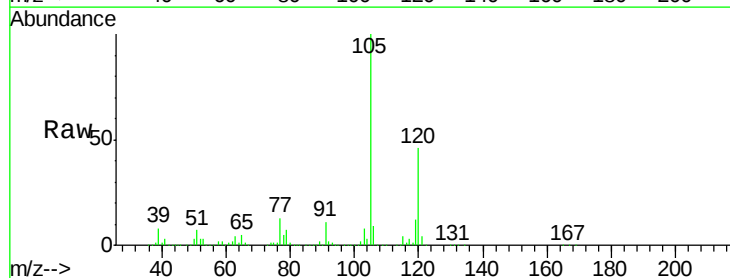
Instrument :
 MSVOA_X
 ClientSampleId :

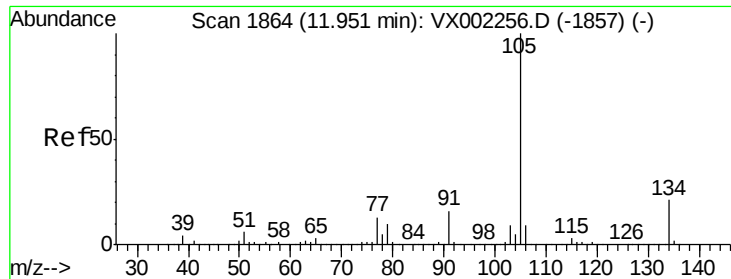
Tot Ion:119 Resp: 258002
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.64 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion:105 Resp: 273331
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 22.08 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

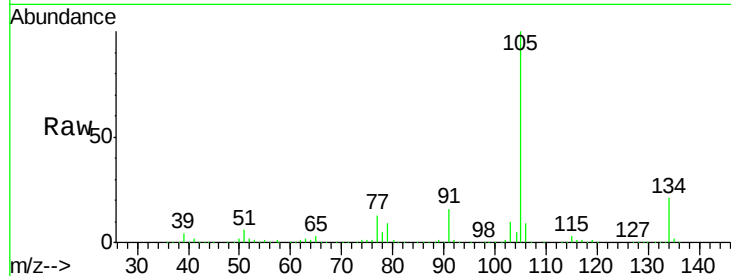
ClientSampleId :

Tot Ion:105 Resp: 324354

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

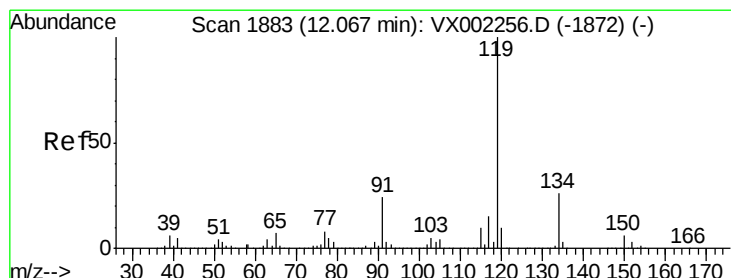
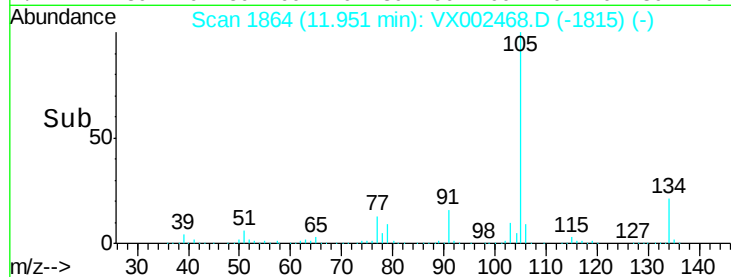
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.71 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

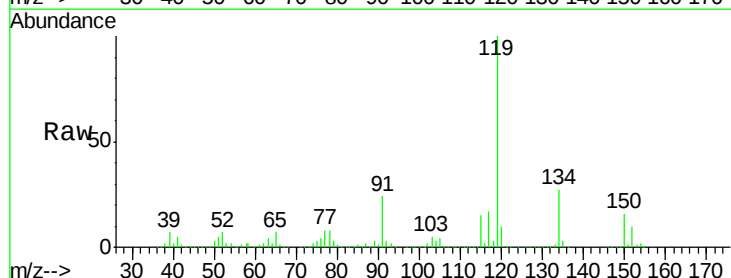
Tgt Ion:119 Resp: 290544

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.9 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

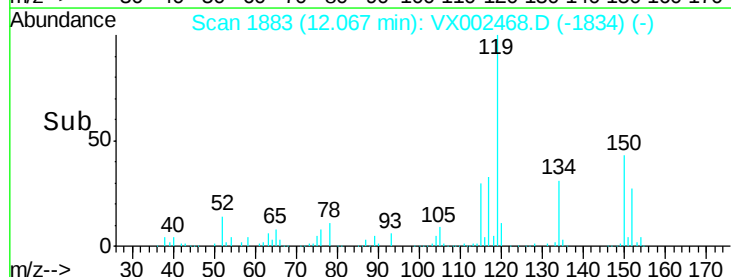
200000

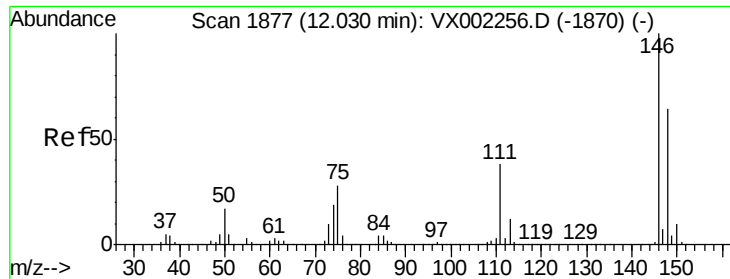
100000

0

12.00 12.07 12.20

Time-->

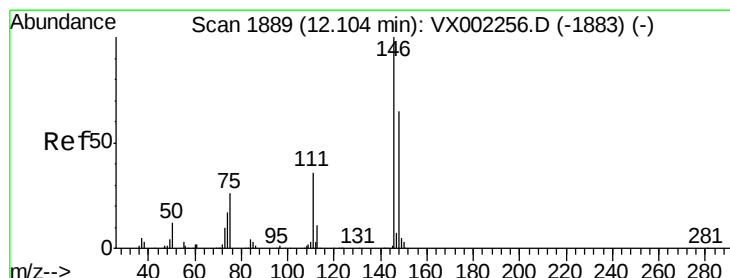
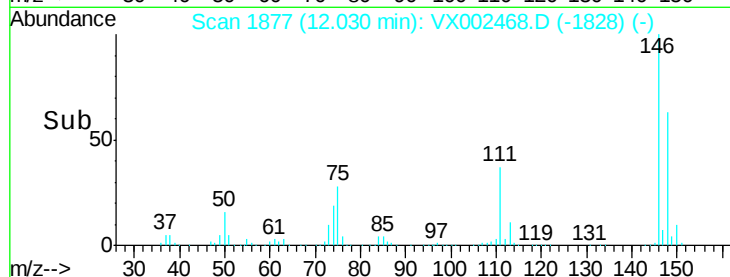
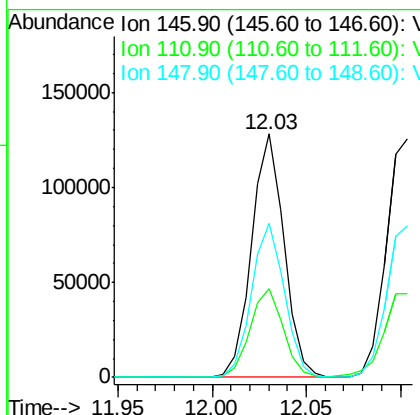
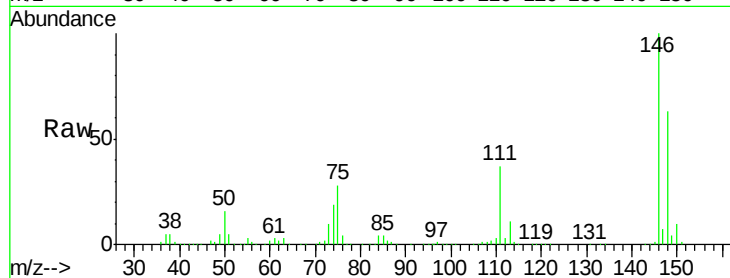




#87
 1,3-Dichlorobenzene
 Concen: 20.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

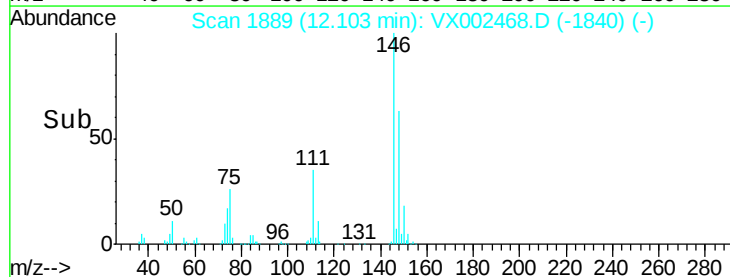
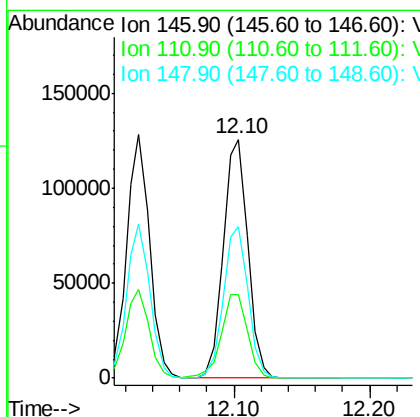
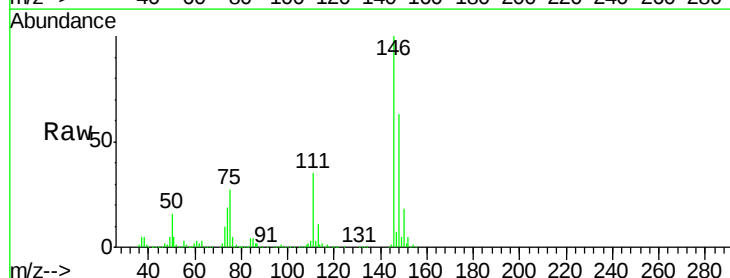
Instrument :
 MSVOA_X
 ClientSampleId :

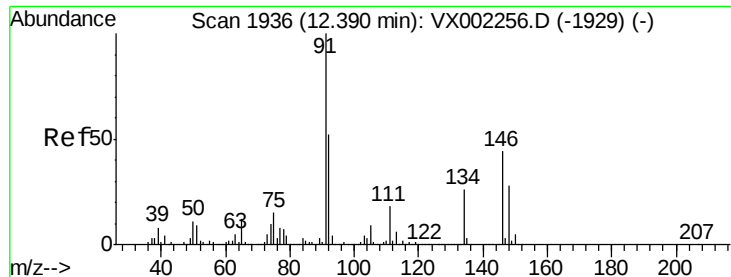
Tot Ion:146 Resp: 152881
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.21 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion:146 Resp: 156869
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 22.59 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

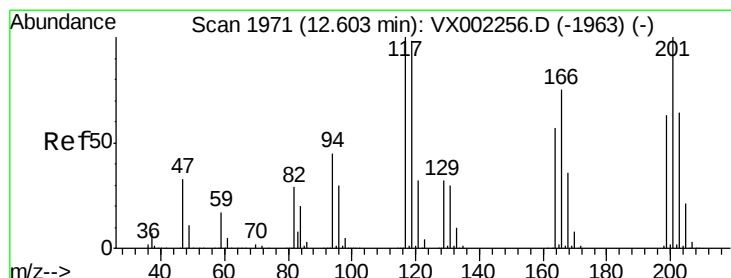
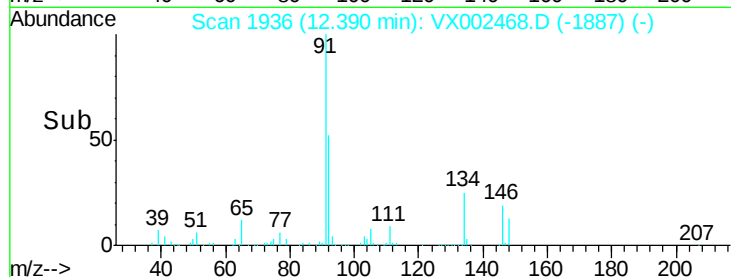
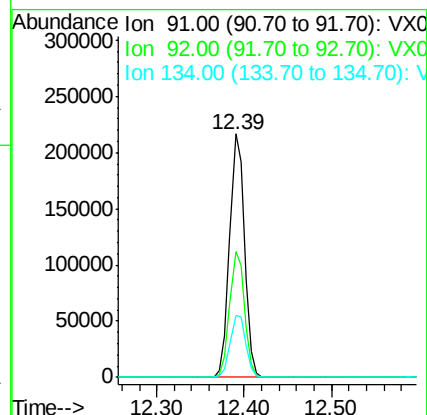
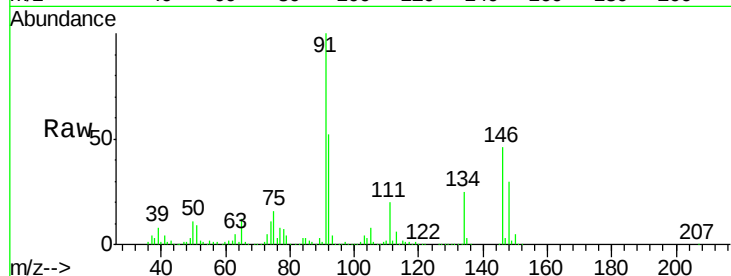
Tot Ion: 91 Resp: 253499

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 26.6 13.5 40.5



#90

Hexachloroethane

Concen: 18.44 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002468.D

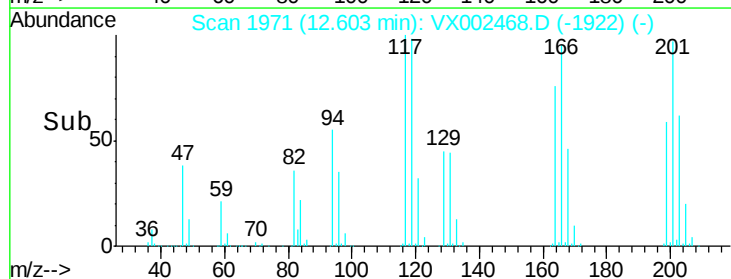
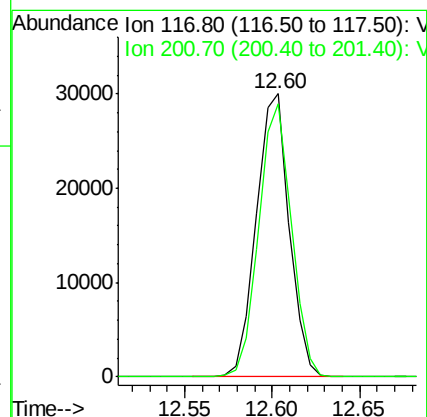
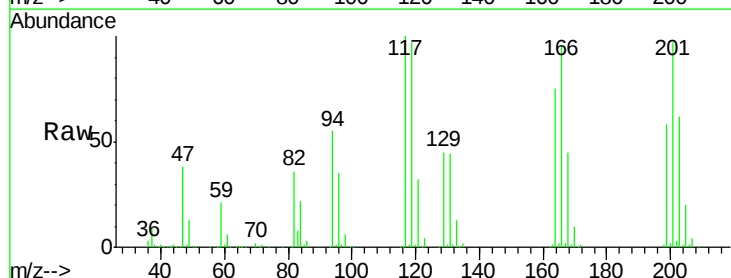
Acq: 12 Jun 2018 15:58

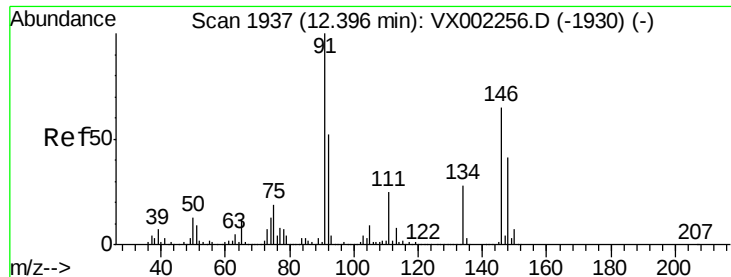
Tgt Ion: 117 Resp: 39378

Ion Ratio Lower Upper

117 100

201 95.3 49.0 147.0

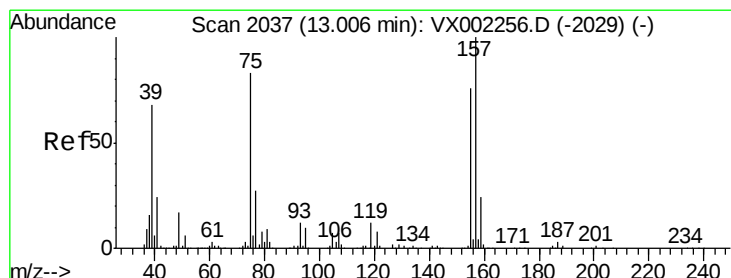
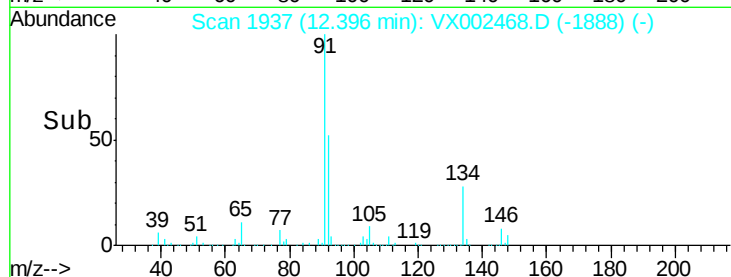
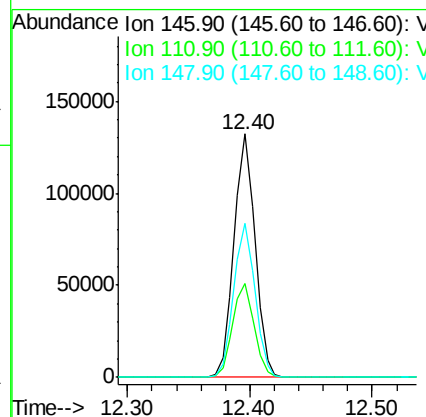
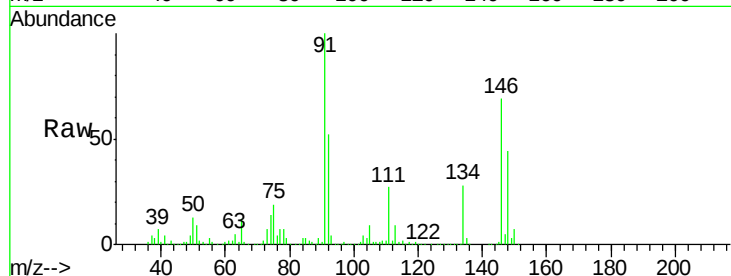




#91
 1,2-Dichlorobenzene
 Concen: 20.20 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

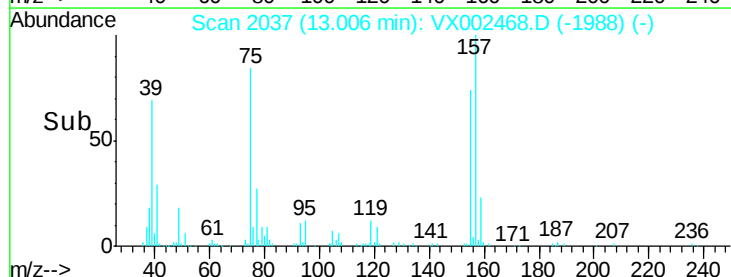
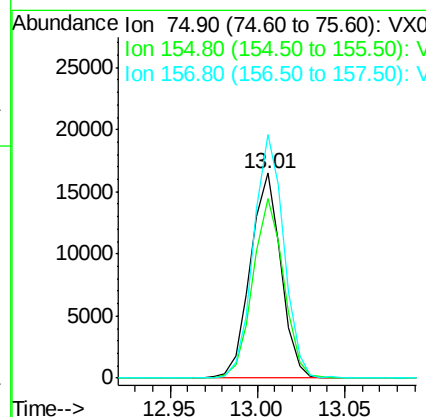
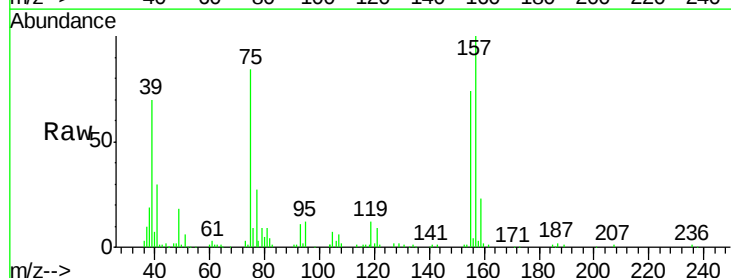
Instrument :
 MSVOA_X
 ClientSampleId :

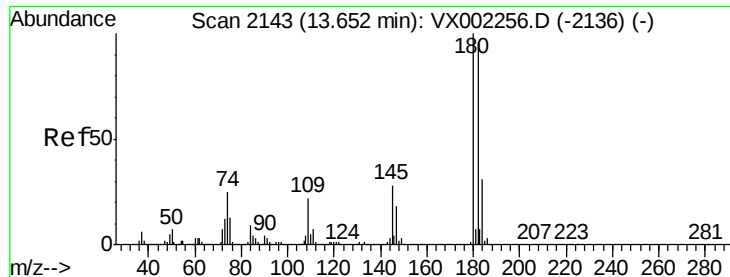
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.1
148	64.1	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.39 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	45.8	137.4
157	117.8	60.1	180.3

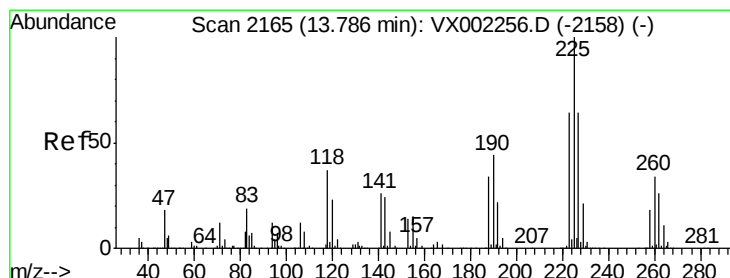
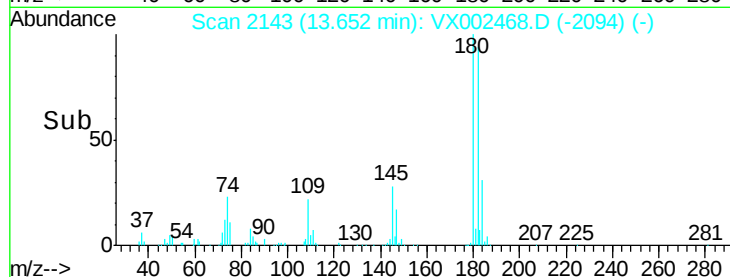
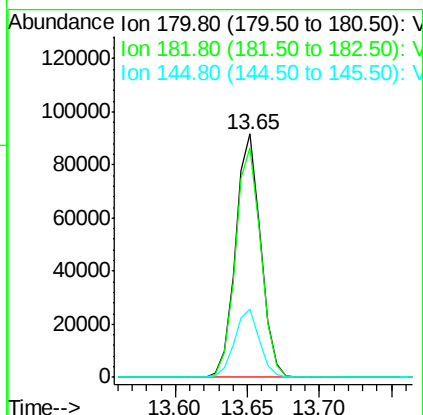
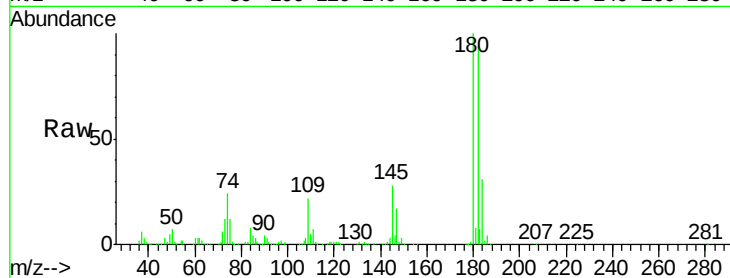




#93
 1,2,4-Trichlorobenzene
 Concen: 20.39 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

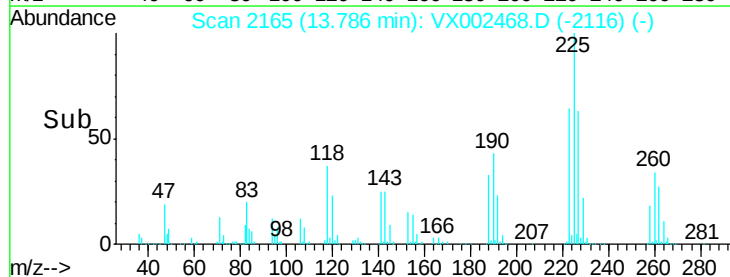
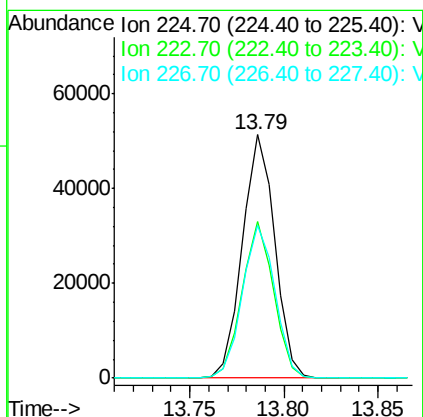
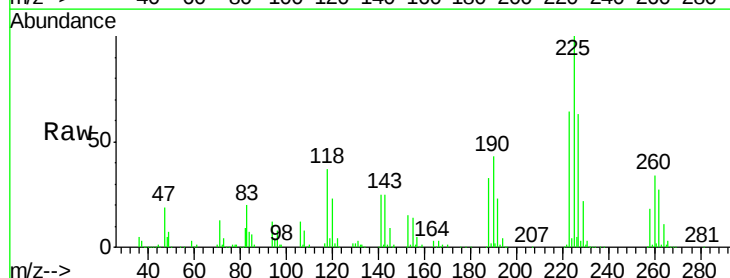
Instrument :
 MSVOA_X
 ClientSampleId :

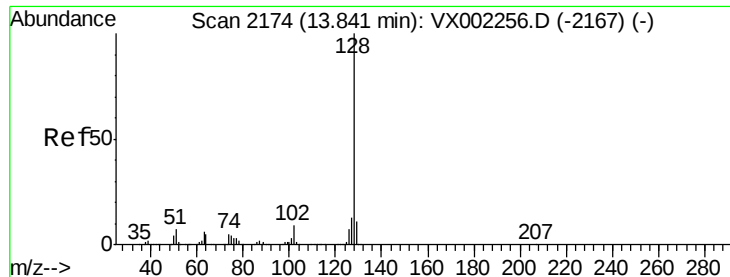
Tot Ion:180 Resp: 111375
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 22.72 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion:225 Resp: 61337
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.2 32.4 97.2

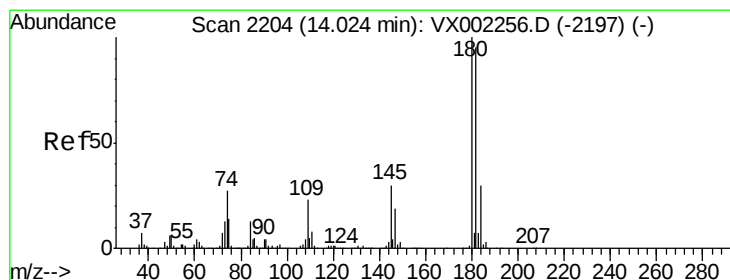
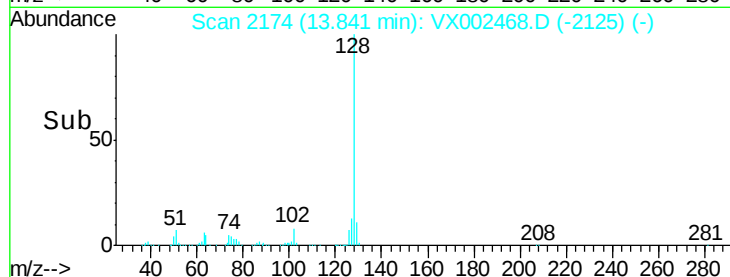
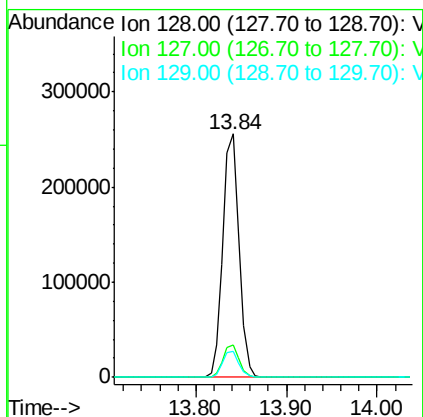
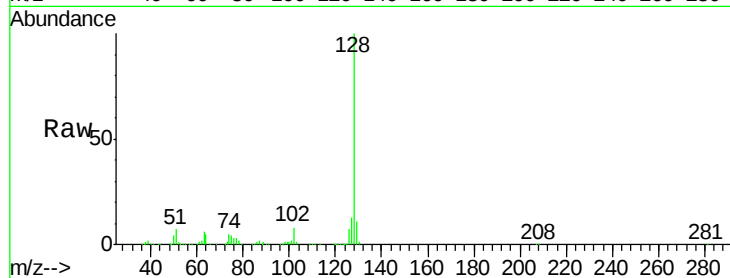




#95
Naphthalene
Concen: 20.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 319742
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.80 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:180 Resp: 115884
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 29.9 14.8 44.3

