

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002868.D
 Acq On : 25 Jun 2018 19:28
 Operator : JC/MD
 Sample : VX0625WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:24:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188023	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.51	113	147758	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.72	98	549075	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	207702	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46257	18.49	ug/l	98
3) Chloromethane	1.32	50	50278	18.81	ug/l	99
4) Vinyl Chloride	1.40	62	56530	18.02	ug/l	100
5) Bromomethane	1.64	94	32831	20.83	ug/l	99
6) Chloroethane	1.72	64	36260	18.36	ug/l	97
7) Trichlorofluoromethane	1.93	101	99288	18.76	ug/l	99
8) Diethyl Ether	2.19	74	35894	18.66	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56414	18.40	ug/l	99
10) Methyl Iodide	2.51	142	45917	19.15	ug/l	99
11) Tert butyl alcohol	3.07	59	76163	99.71	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48808	17.84	ug/l	98
13) Acrolein	2.29	56	40652	98.60	ug/l	100
14) Allyl chloride	2.73	41	99108	18.38	ug/l	100
15) Acrylonitrile	3.15	53	156608	95.98	ug/l	99
16) Acetone	2.45	43	151547	95.43	ug/l	99
17) Carbon Disulfide	2.57	76	124673	17.10	ug/l	100
18) Methyl Acetate	2.78	43	92557	20.85	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	185439	18.85	ug/l	100
20) Methylene Chloride	2.86	84	56693	18.35	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	54703	18.36	ug/l	95
22) Diisopropyl ether	3.87	45	190992	18.53	ug/l	94
23) Vinyl Acetate	3.82	43	806648	92.40	ug/l	100
24) 1,1-Dichloroethane	3.70	63	104815	18.71	ug/l	99
25) 2-Butanone	4.71	43	228806	97.09	ug/l	100
26) 2,2-Dichloropropane	4.59	77	80282	17.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62725	18.77	ug/l	99
28) Bromochloromethane	5.03	49	53298	19.87	ug/l	96
29) Tetrahydrofuran	5.17	42	143668	95.06	ug/l	96
30) Chloroform	5.22	83	106906	18.59	ug/l	97
31) Cyclohexane	5.57	56	88445	18.39	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	93158	18.41	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76527	18.34	ug/l	97
37) Ethyl Acetate	4.87	43	86980	19.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	83525	18.24	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:24:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89472	18.41	ug/l	99
40) Benzene	6.15	78	228520	18.85	ug/l	100
41) Methacrylonitrile	5.07	41	49033	18.95	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89145	18.20	ug/l	100
43) Isopropyl Acetate	6.47	43	137918	18.30	ug/l	99
44) Trichloroethene	7.21	130	67980	18.81	ug/l	94
45) 1,2-Dichloropropane	7.52	63	60020	18.66	ug/l	100
46) Dibromomethane	7.66	93	41619	18.65	ug/l	98
47) Bromodichloromethane	7.90	83	75440	18.28	ug/l	99
48) Methyl methacrylate	7.78	41	73706	18.98	ug/l	97
49) 1,4-Dioxane	7.76	88	29849	395.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	459510	97.46	ug/l	99
52) Toluene	8.79	92	147812	19.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87293	18.68	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	80049	17.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60147	18.84	ug/l	98
56) Ethyl methacrylate	9.18	69	87366	18.73	ug/l	97
57) 1,3-Dichloropropane	9.37	76	98442	18.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	225413	100.16	ug/l	99
59) 2-Hexanone	9.50	43	356437	99.48	ug/l	100
60) Dibromochloromethane	9.59	129	60531	18.01	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62521	18.67	ug/l	100
64) Tetrachloroethene	9.34	164	74569	18.89	ug/l	99
65) Chlorobenzene	10.14	112	170301	18.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62109	18.96	ug/l	99
67) Ethyl Benzene	10.26	91	289500	19.44	ug/l	99
68) m/p-Xylenes	10.36	106	224208	39.06	ug/l	98
69) o-Xylene	10.70	106	108158	19.35	ug/l	98
70) Styrene	10.71	104	173938	19.15	ug/l	100
71) Bromoform	10.86	173	46751	18.47	ug/l #	100
73) Isopropylbenzene	11.02	105	296439	19.88	ug/l	100
74) N-amyl acetate	6.47	43	137918	18.90	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88696	19.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	100174	24.95	ug/l	82
77) Bromobenzene	11.26	156	81840	19.27	ug/l	98
78) n-propylbenzene	11.37	91	337291	19.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	200096	19.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249820	19.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22205	18.33	ug/l	91
82) 4-Chlorotoluene	11.51	91	234975	19.32	ug/l	99
83) tert-Butylbenzene	11.77	119	242499	19.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	258237	19.85	ug/l	99
85) sec-Butylbenzene	11.95	105	298840	19.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	268344	19.88	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150699	19.43	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151598	19.00	ug/l	100
89) n-Butylbenzene	12.39	91	226488	19.28	ug/l	100
90) Hexachloroethane	12.60	117	38732	19.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149965	19.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19512	18.90	ug/l	98

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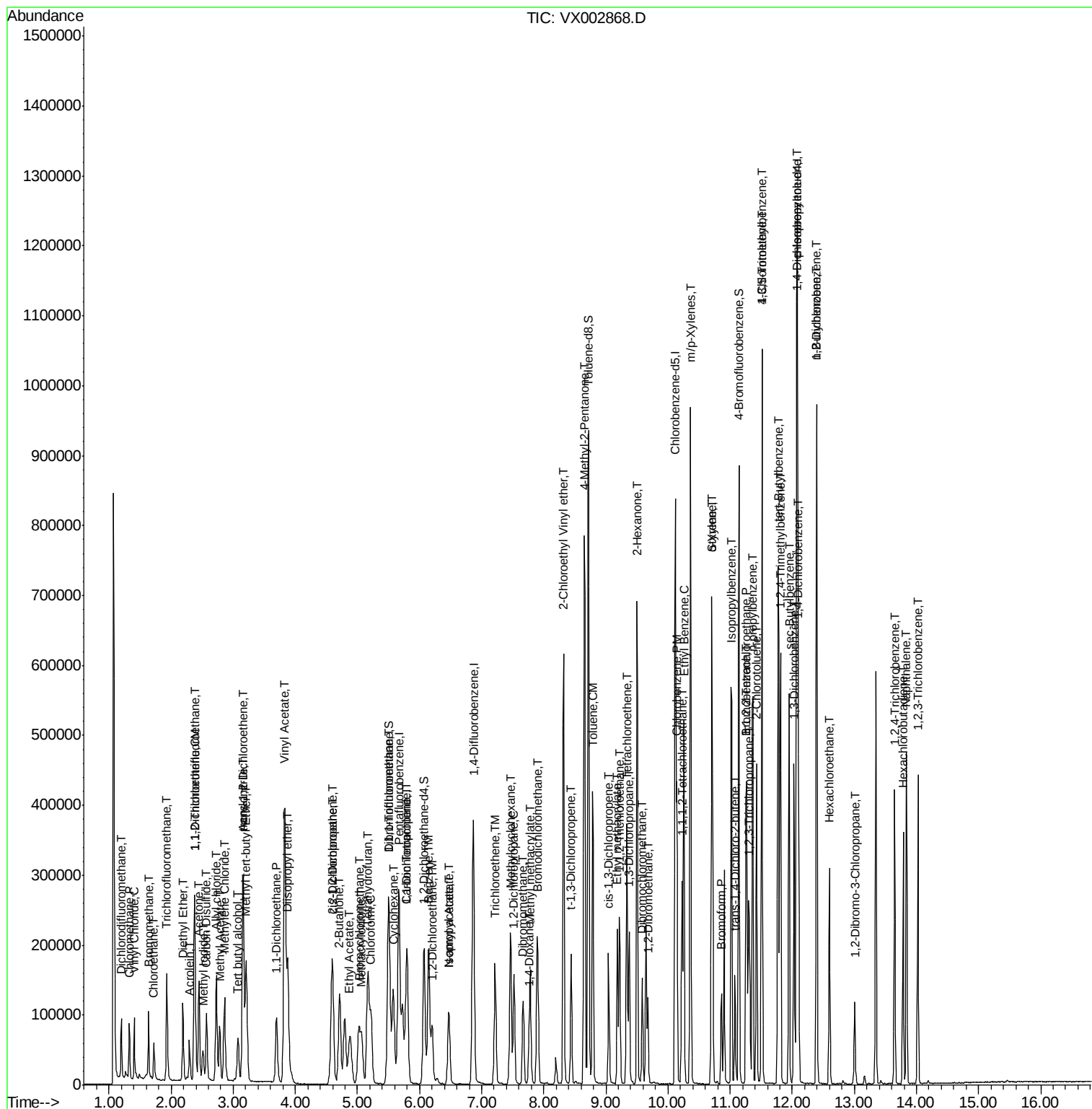
Instrument :
MSVOA_X
ClientSampleId :

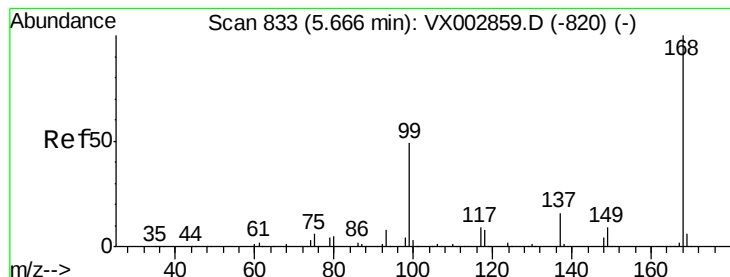
Quant Time: Jun 27 05:24:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109370	19.20	ug/l	98
94) Hexachlorobutadiene	13.79	225	55402	19.50	ug/l	98
95) Naphthalene	13.84	128	299078	19.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111389	19.58	ug/l	99

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

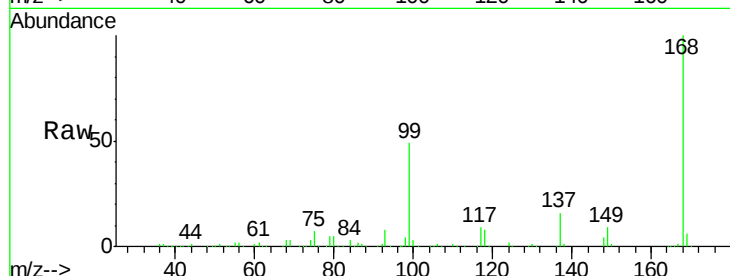
ClientSampleId :

Tot Ion:168 Resp: 277422

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

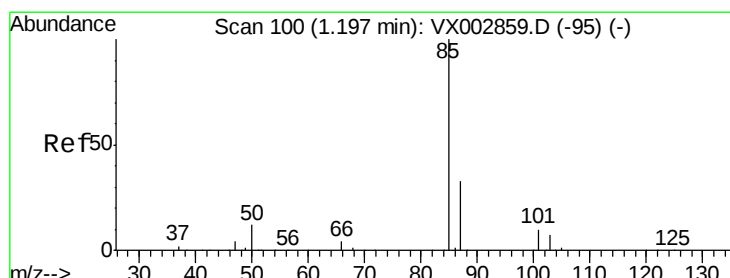
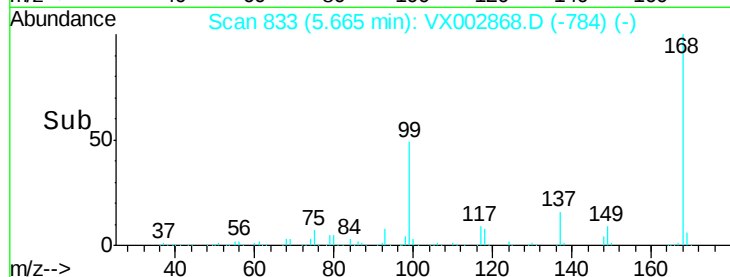
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002868.D

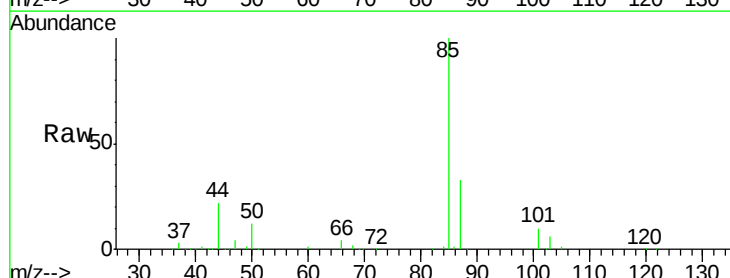
Acq: 25 Jun 2018 19:28

Tgt Ion: 85 Resp: 46257

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

50000

40000

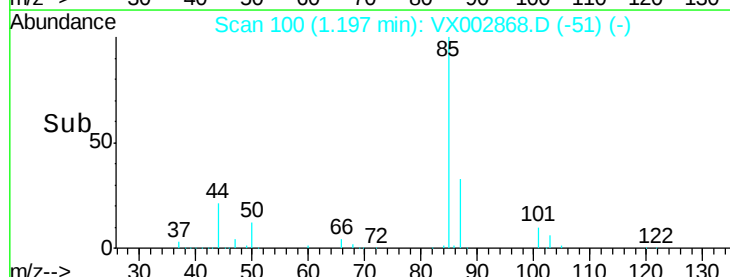
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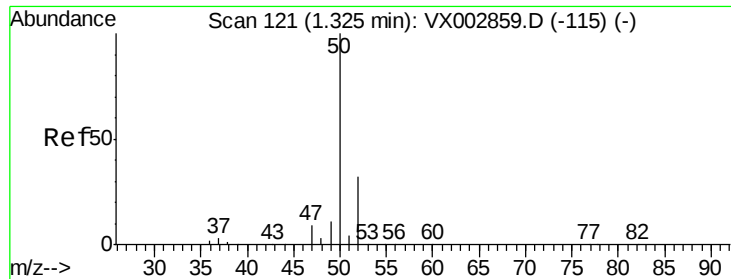
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

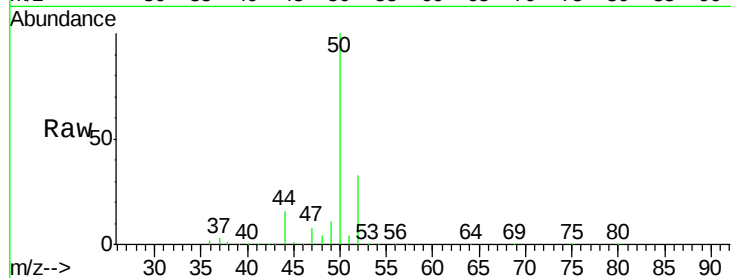
ClientSampled :

Tot Ion: 50 Resp: 50278

Ion Ratio Lower Upper

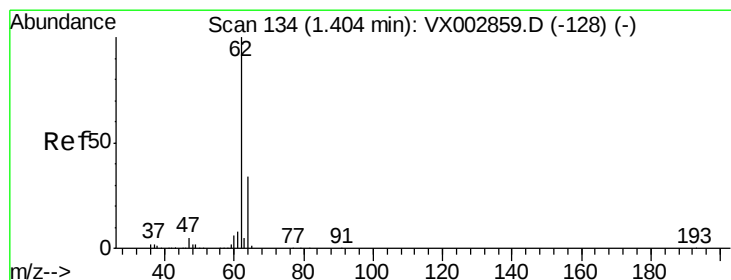
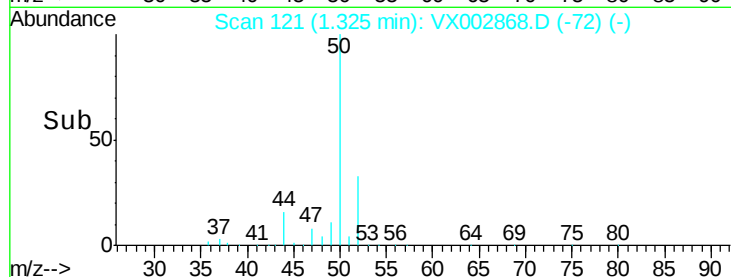
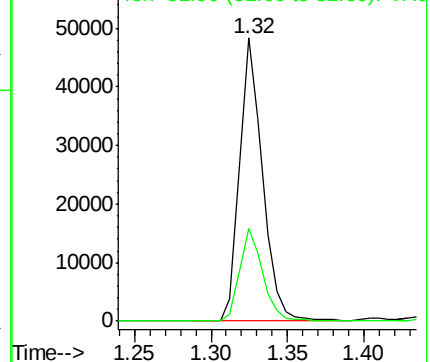
50 100

52 32.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002868.D

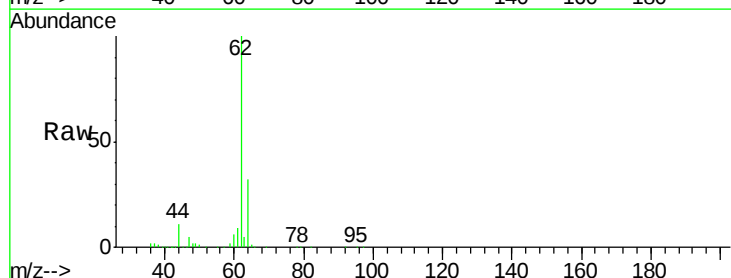
Acq: 25 Jun 2018 19:28

Tgt Ion: 62 Resp: 56530

Ion Ratio Lower Upper

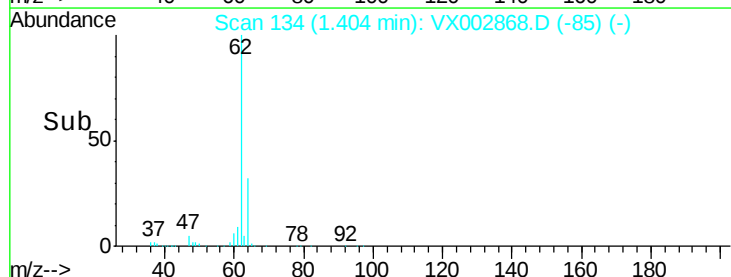
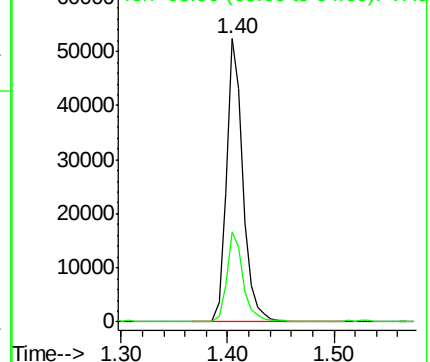
62 100

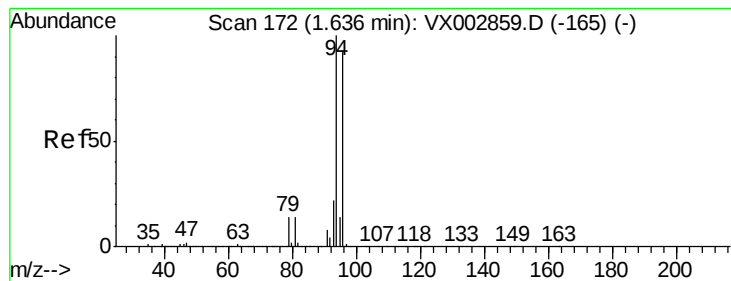
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.83 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

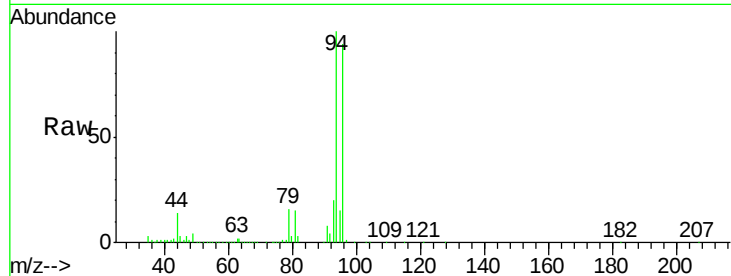
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 32831

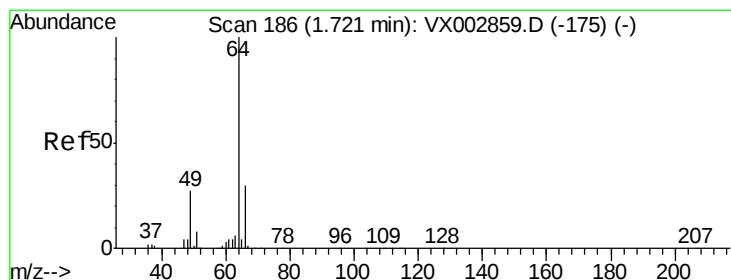
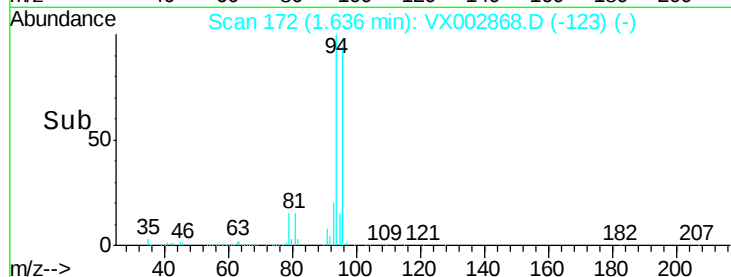
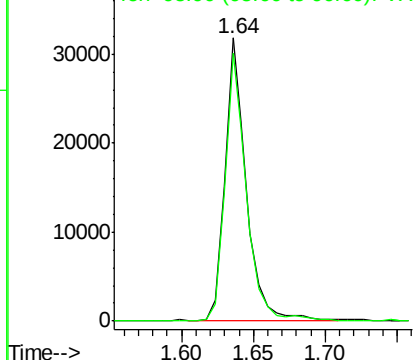
Ion Ratio Lower Upper

94 100

96 94.5 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: 18.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002868.D

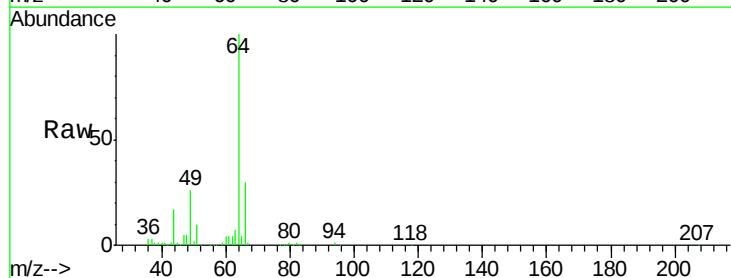
Acq: 25 Jun 2018 19:28

Tgt Ion: 64 Resp: 36260

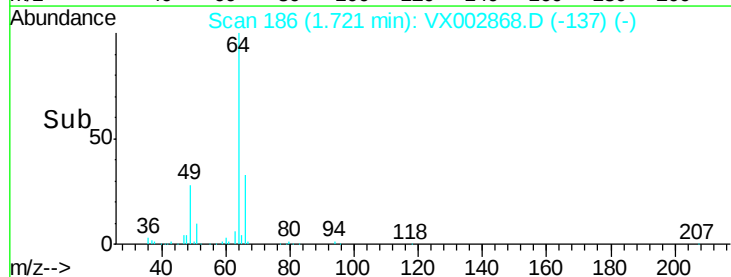
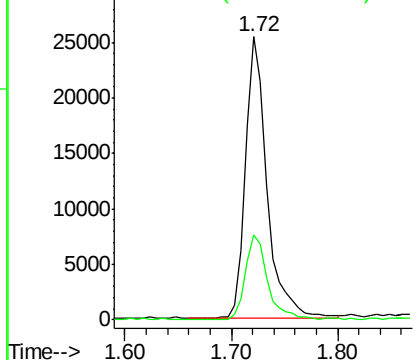
Ion Ratio Lower Upper

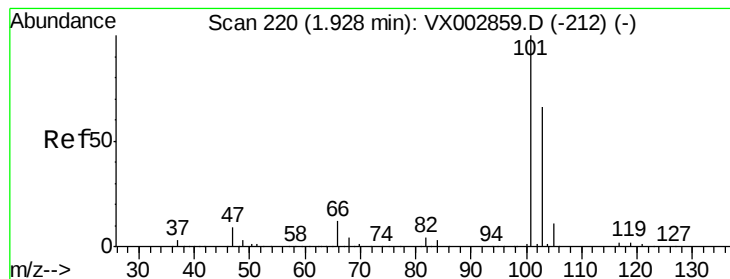
64 100

66 30.2 25.5 38.3



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



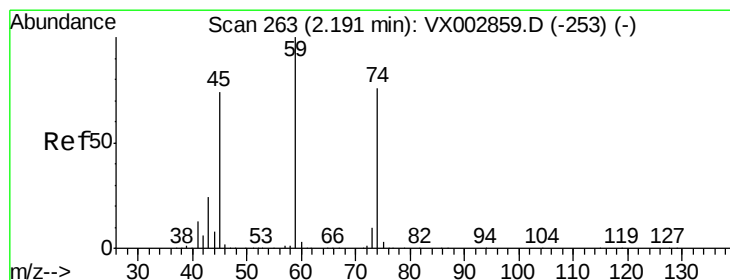
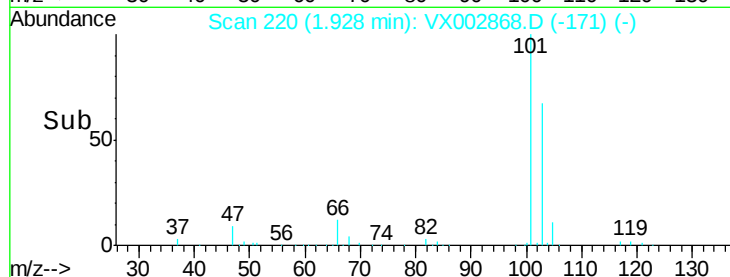
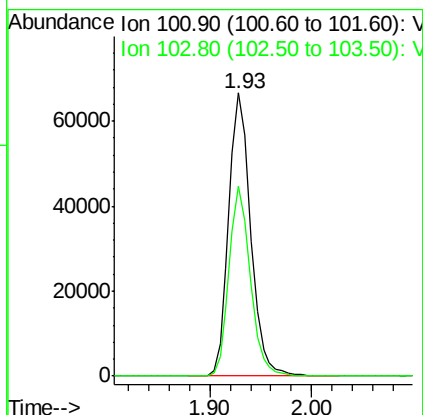
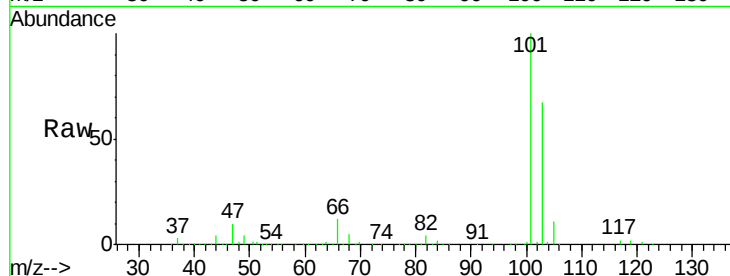


#7

Trichlorofluoromethane
 Concen: 18.76 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :

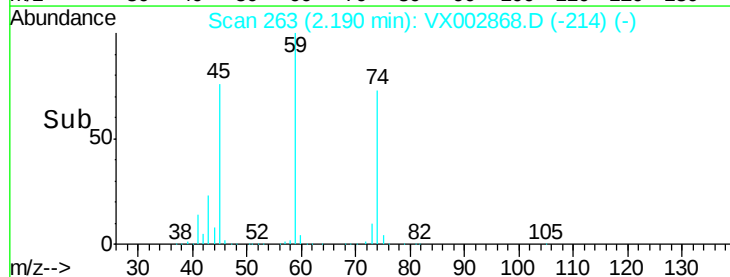
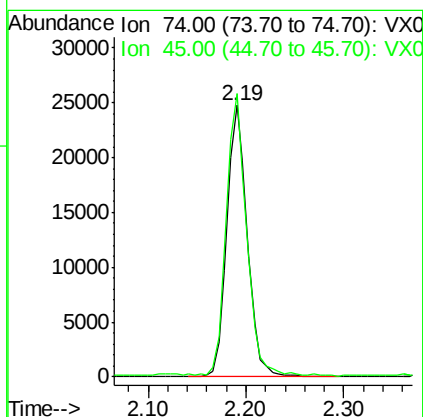
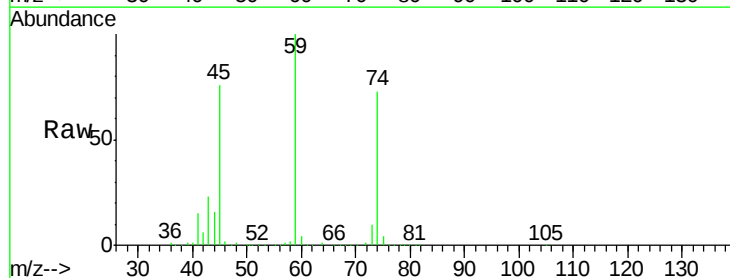
Tot Ion:101 Resp: 99288
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.8 79.2

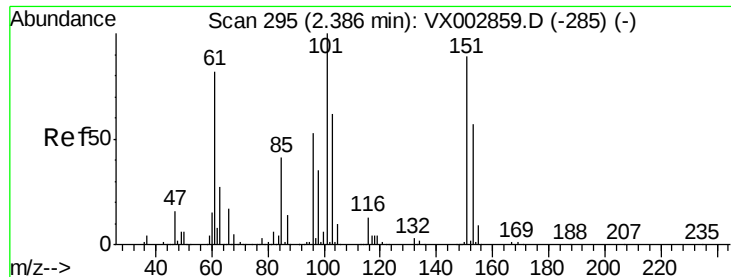


#8

Diethyl Ether
 Concen: 18.66 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion: 74 Resp: 35894
 Ion Ratio Lower Upper
 74 100
 45 101.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.40 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002868.D

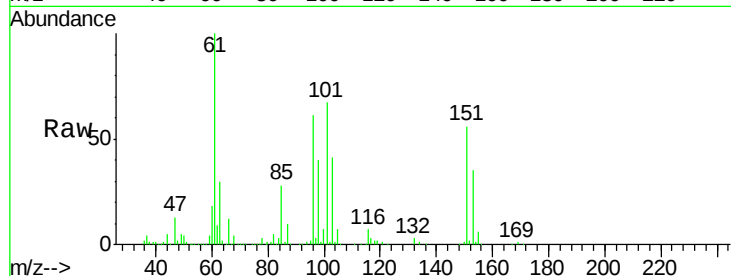
Acq: 25 Jun 2018 19:28

Instrument :

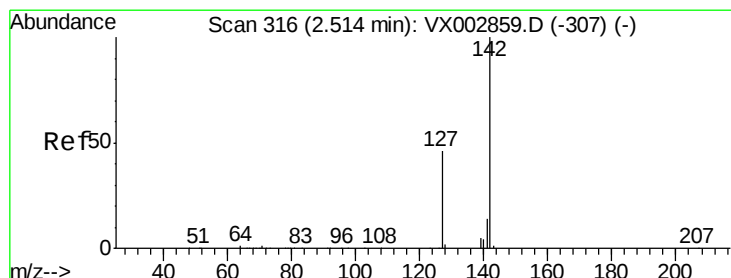
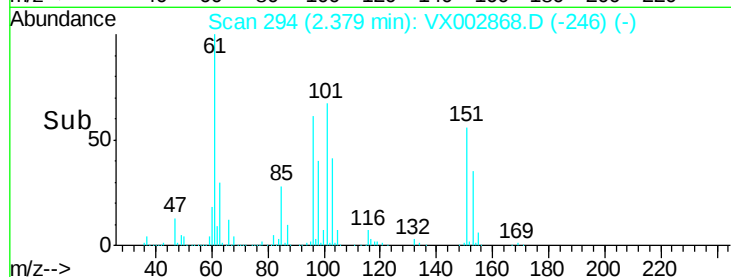
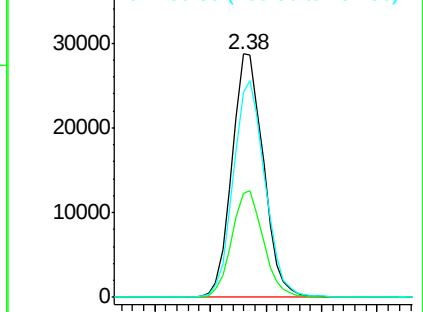
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	56414
Ion	Ratio	Lower	Upper
101	100		
85	43.9	36.0	54.0
151	89.7	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: 19.15 ug/l

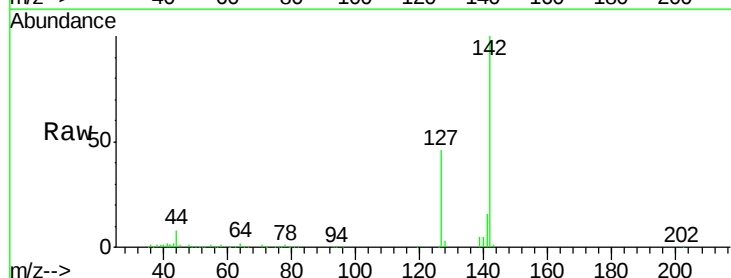
RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

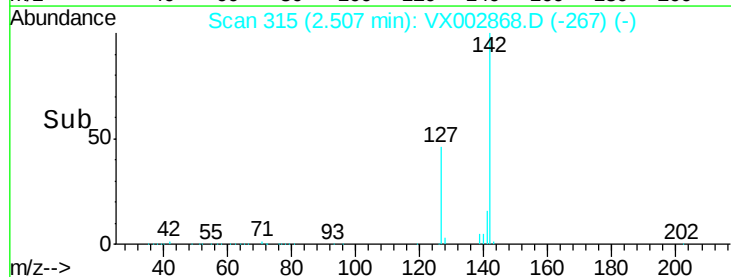
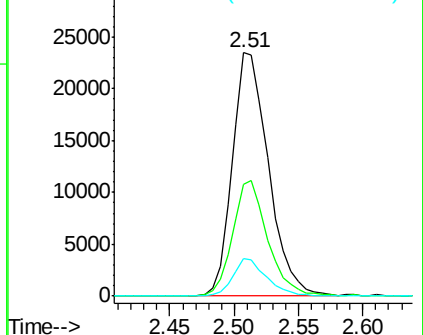
Lab File: VX002868.D

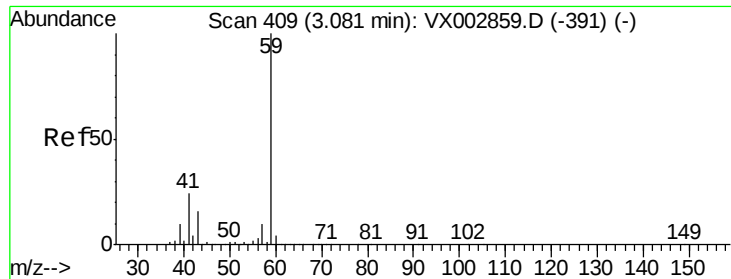
Acq: 25 Jun 2018 19:28

Tgt Ion:	142	Resp:	45917
Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.6	55.0
141	14.5	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

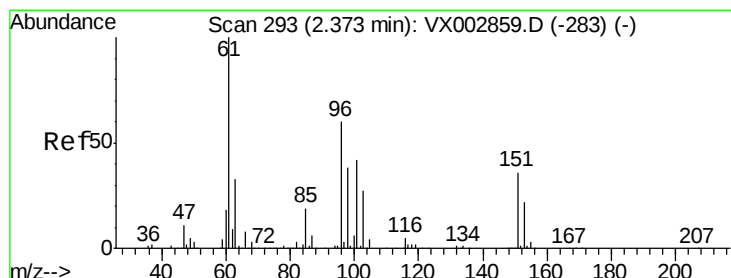
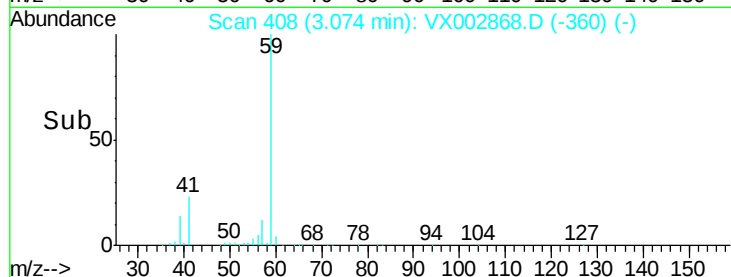
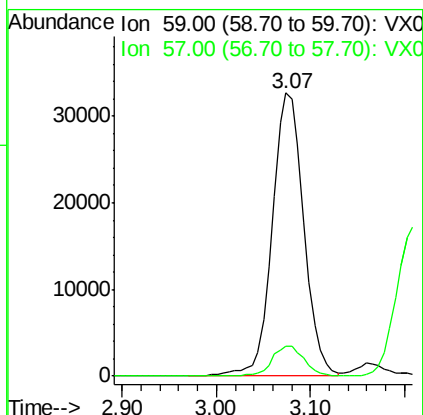
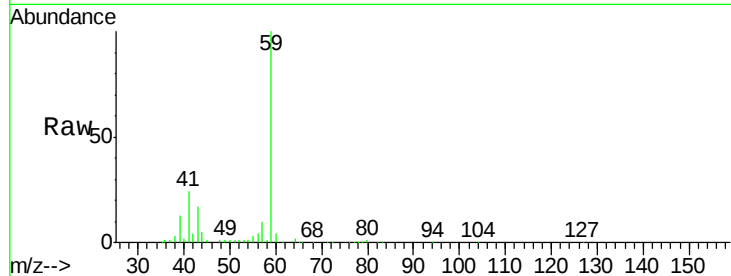




#11
Tert butyl alcohol
Concen: 99.71 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

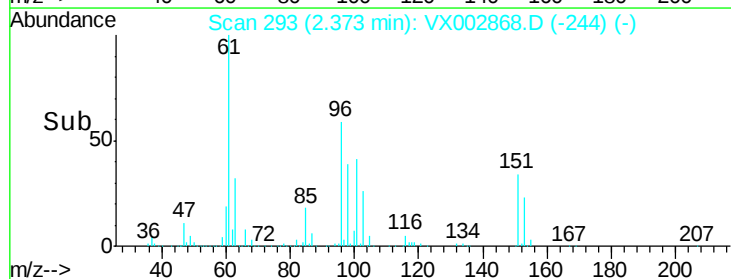
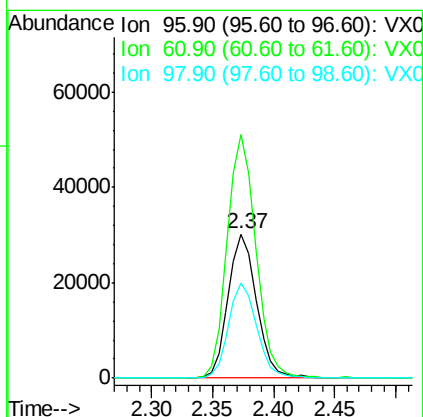
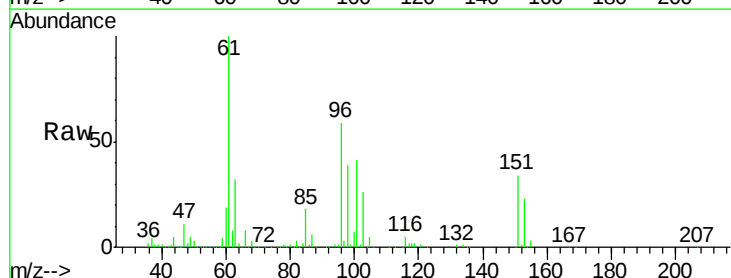
Instrument :
MSVOA_X
ClientSampleId :

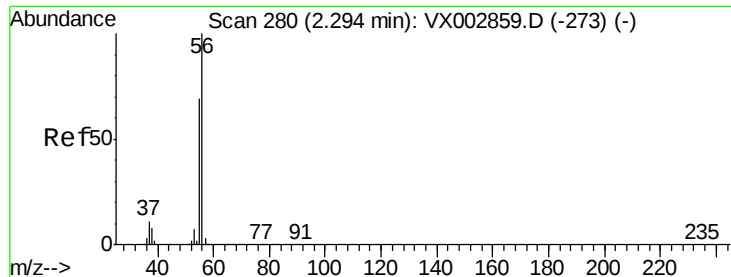
Tot Ion: 59 Resp: 76163
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.84 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 96 Resp: 48808
Ion Ratio Lower Upper
96 100
61 168.9 137.9 206.9
98 65.7 51.6 77.4





#13

Acrolein

Concen: 98.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

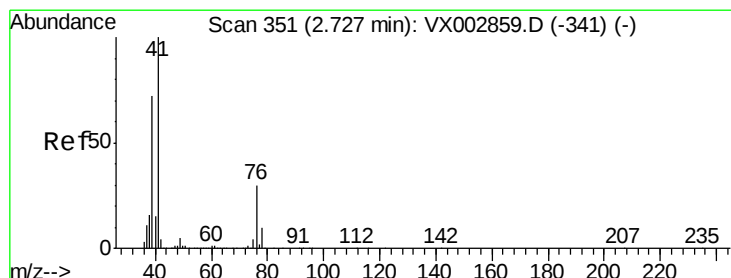
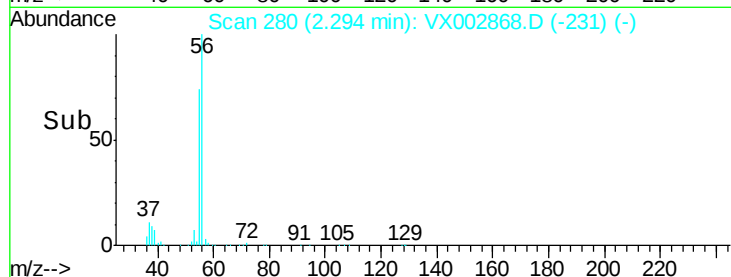
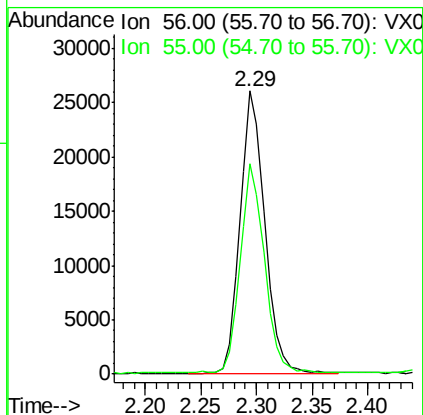
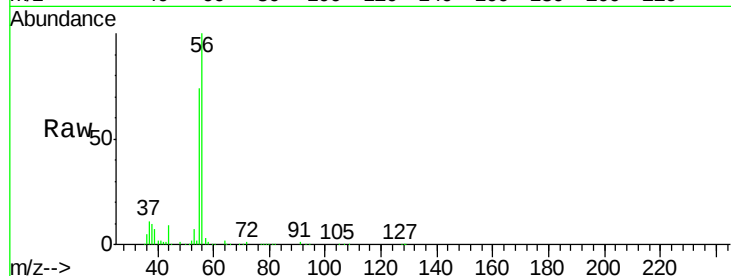
ClientSampleId :

Tot Ion: 56 Resp: 40652

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 18.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

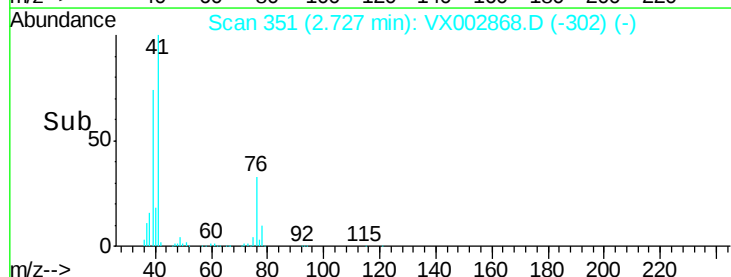
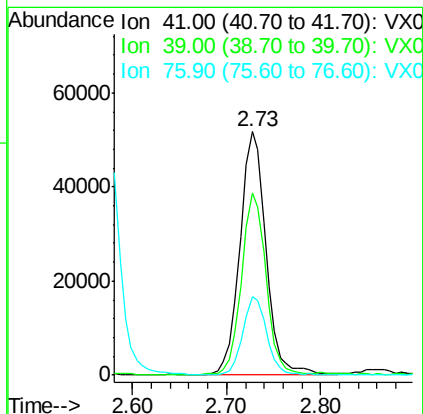
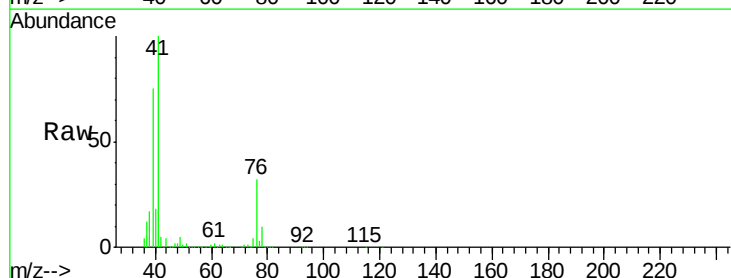
Tgt Ion: 41 Resp: 99108

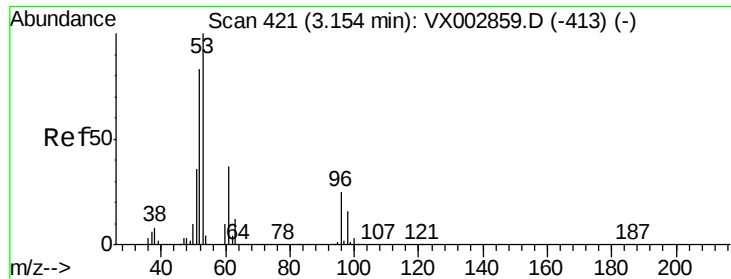
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 95.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

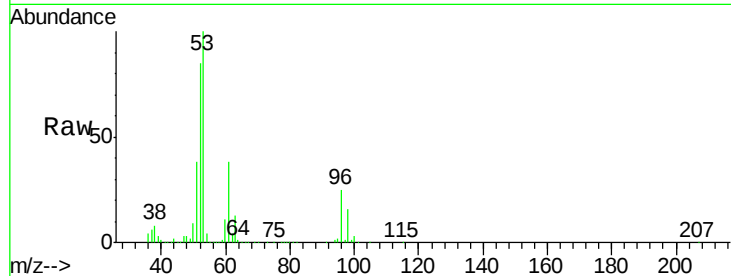
Tot Ion: 53 Resp: 156608

Ion Ratio Lower Upper

53 100

52 85.2 66.7 100.1

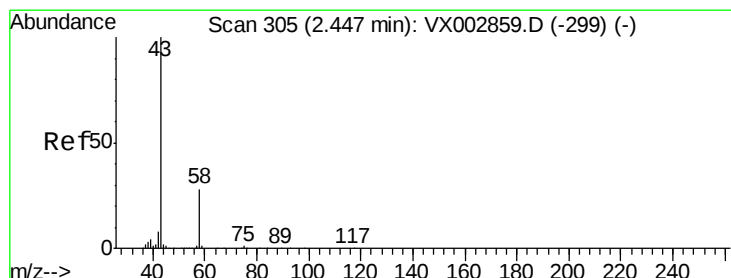
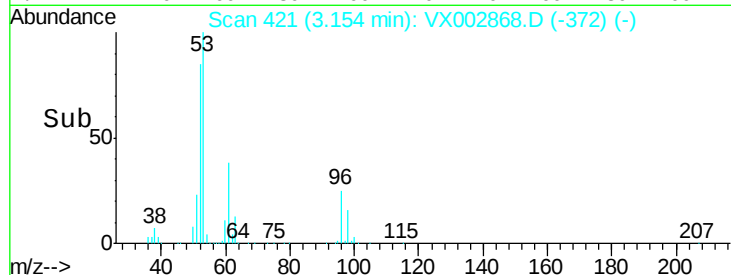
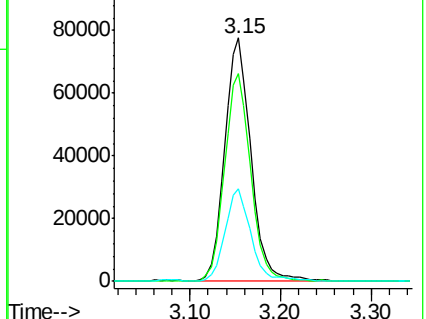
51 37.4 29.9 44.9



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: 95.43 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002868.D

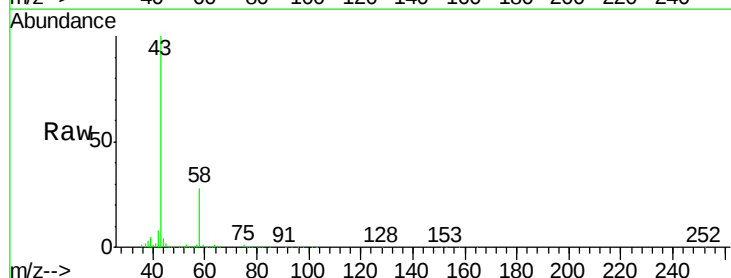
Acq: 25 Jun 2018 19:28

Tgt Ion: 43 Resp: 151547

Ion Ratio Lower Upper

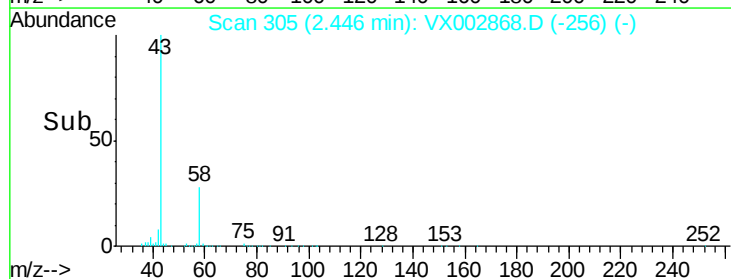
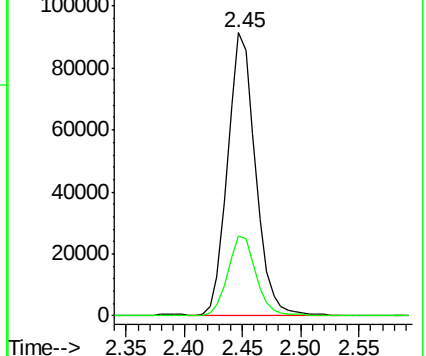
43 100

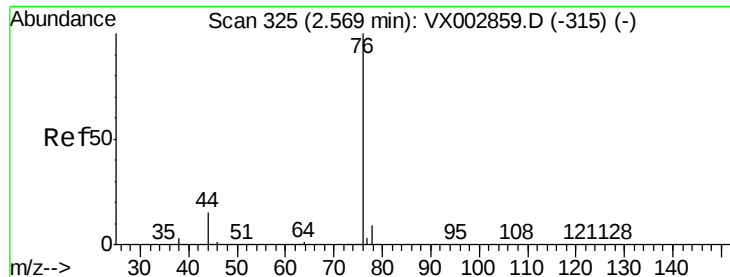
58 28.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

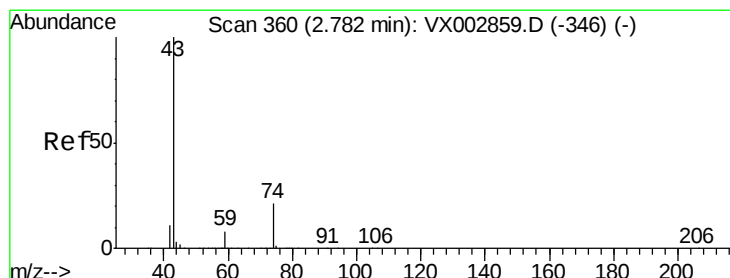
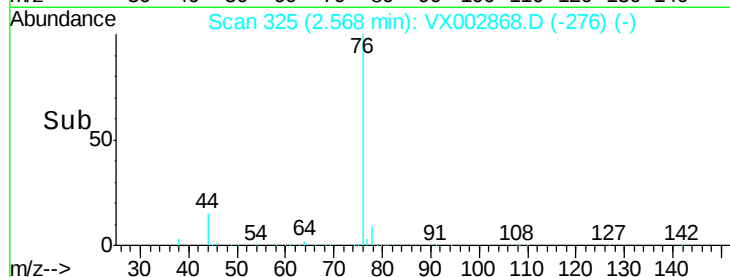
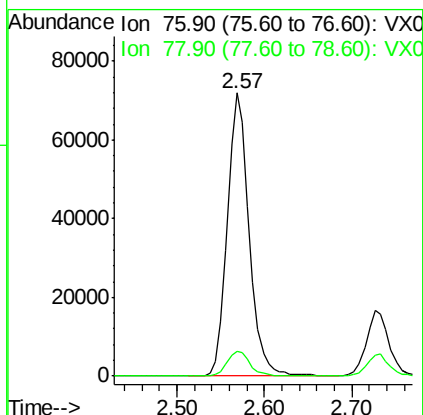
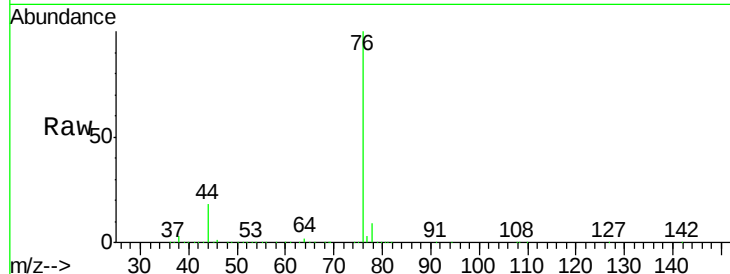




#17
Carbon Disulfide
Concen: 17.10 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

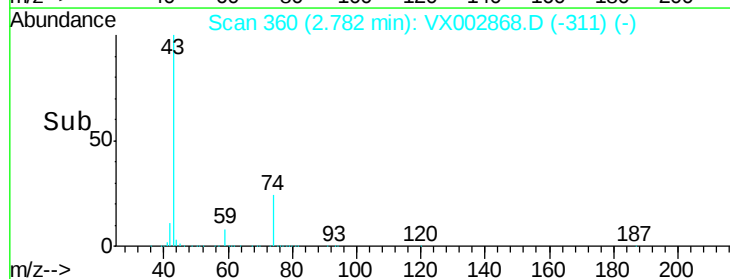
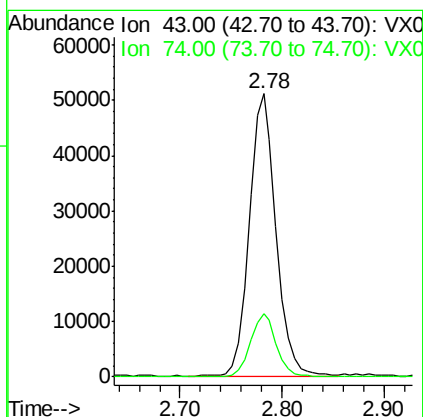
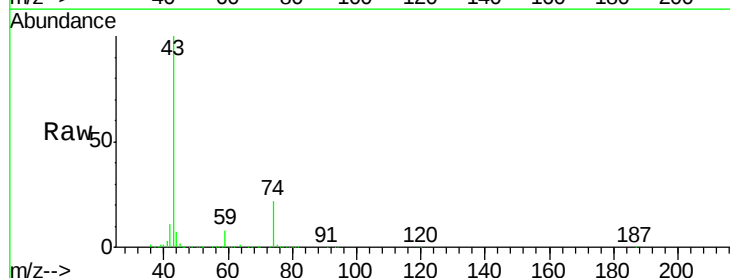
Instrument :
MSVOA_X
ClientSampleId :

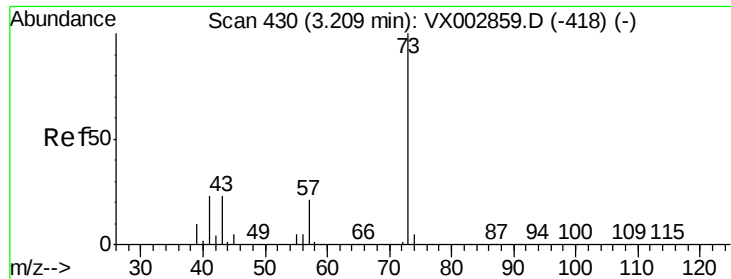
Tot Ion: 76 Resp: 124673
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 20.85 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 43 Resp: 92557
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

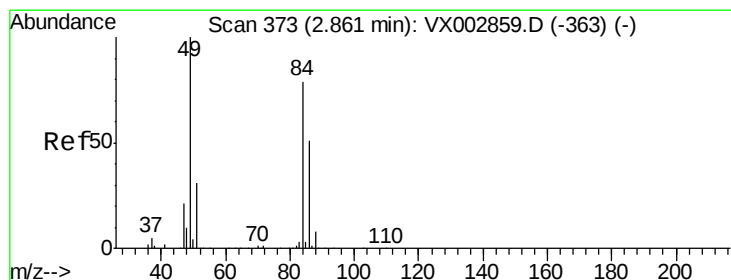
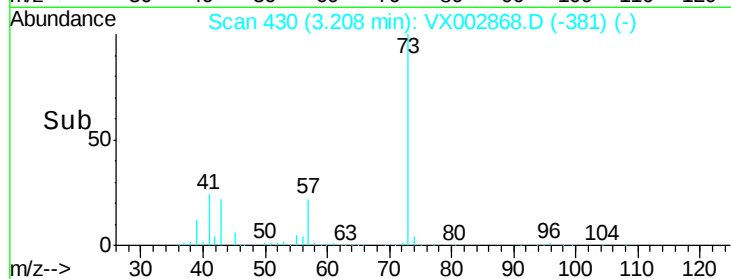
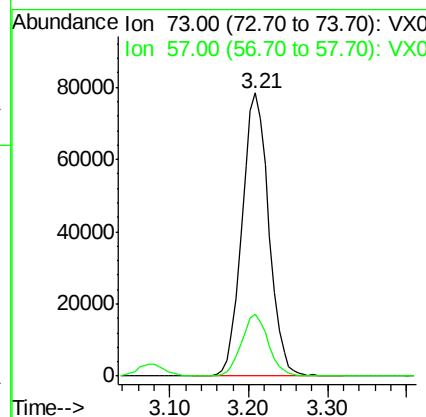
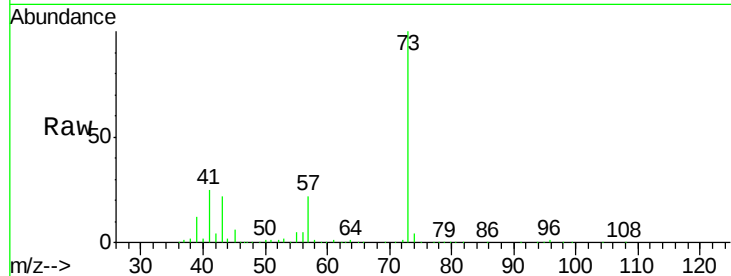




#19
Methvl tert-butvl Ether
Concen: 18.85 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

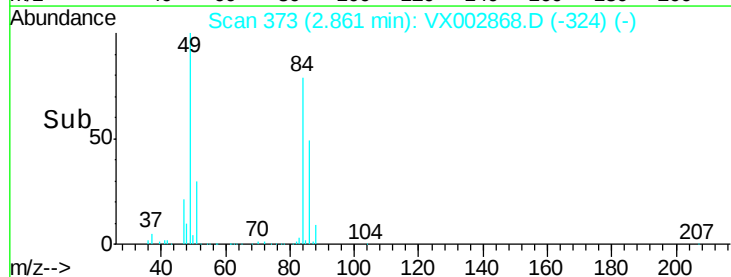
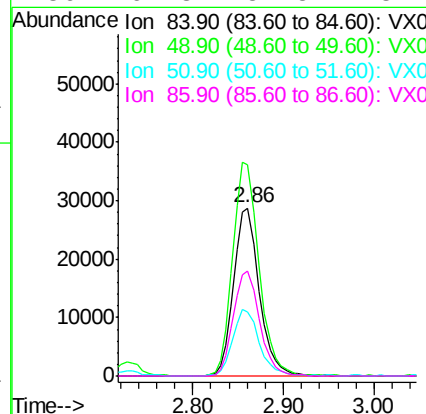
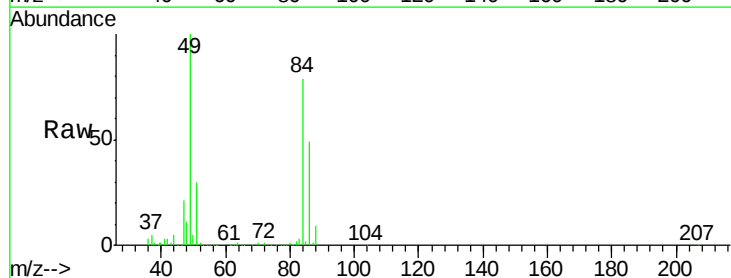
Instrument :
MSVOA_X
ClientSampleId :

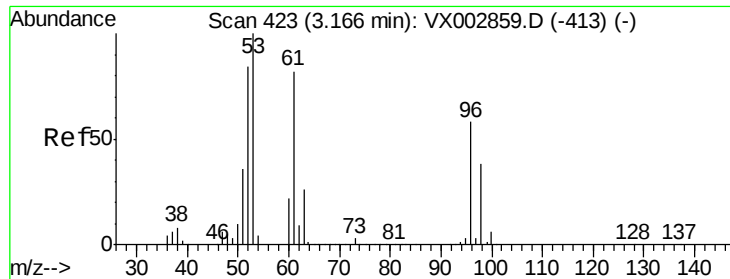
Tot Ion: 73 Resp: 185439
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.35 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 84 Resp: 56693
Ion Ratio Lower Upper
84 100
49 126.0 107.8 161.6
51 38.4 32.8 49.2
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

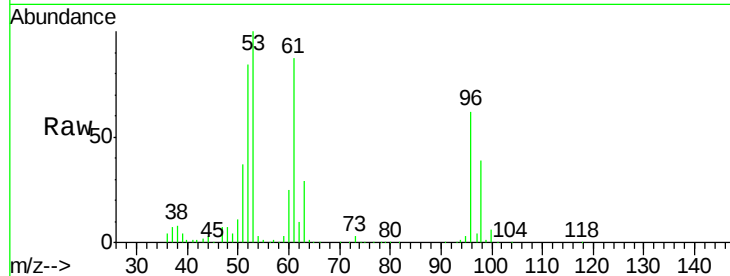
Tot Ion: 96 Resp: 54703

Ion Ratio Lower Upper

96 100

61 139.6 117.0 175.4

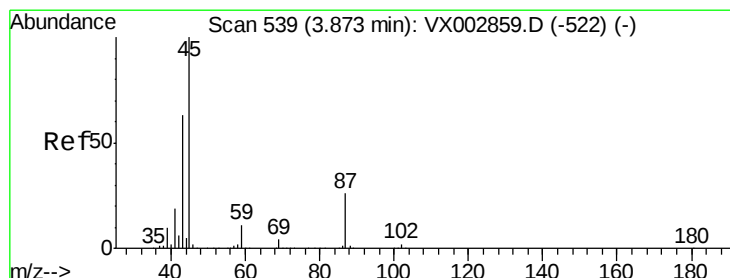
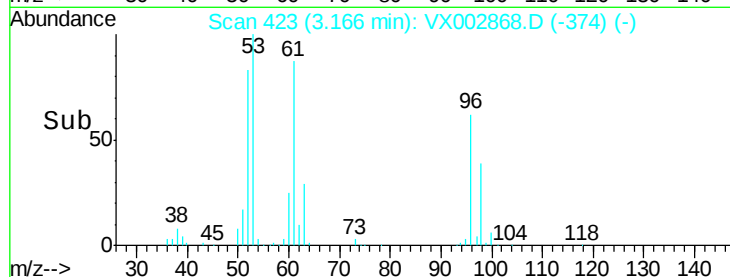
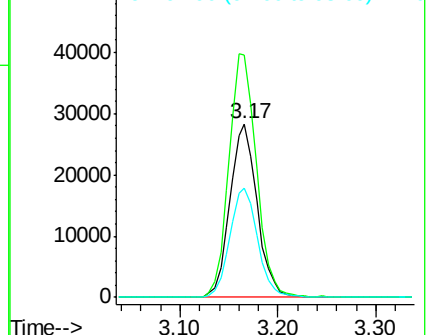
98 63.1 52.4 78.6



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: 18.53 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion: 45 Resp: 190992

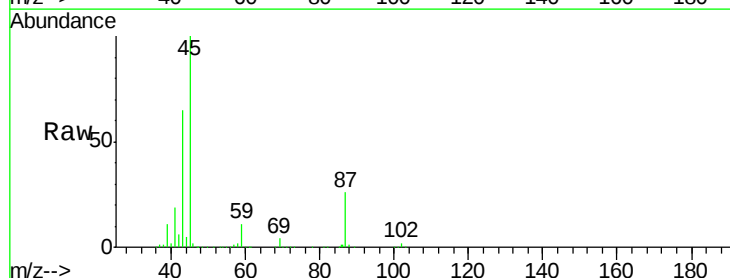
Ion Ratio Lower Upper

45 100

43 64.6 46.8 70.2

87 26.5 20.2 30.4

59 11.5 8.7 13.1

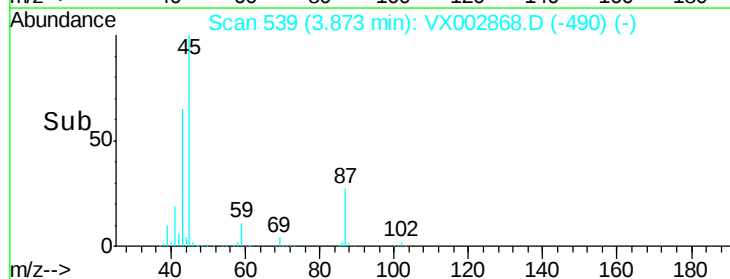
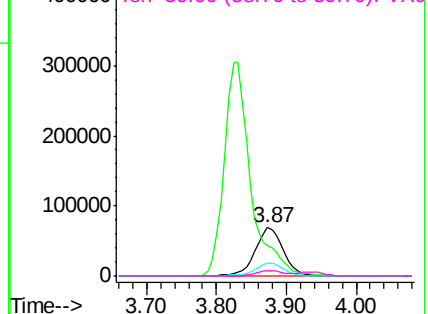


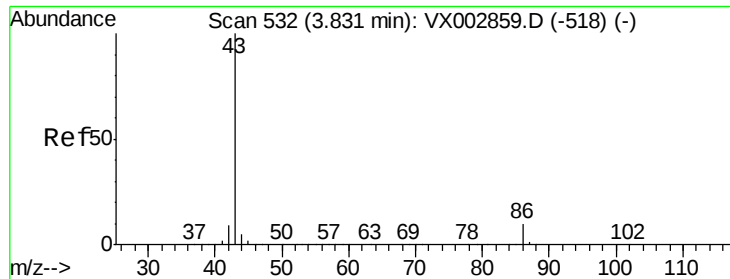
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.40 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

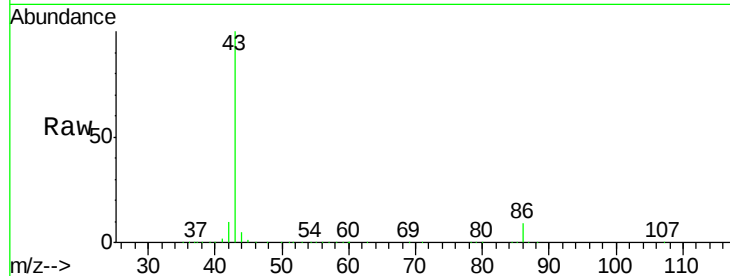
ClientSampleId :

Tot Ion: 43 Resp: 806648

Ion Ratio Lower Upper

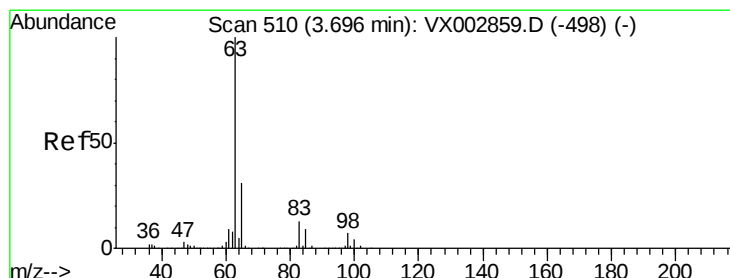
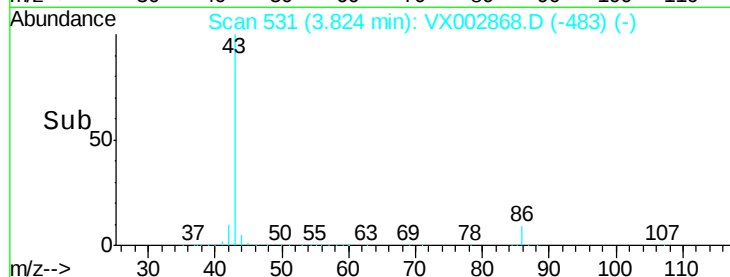
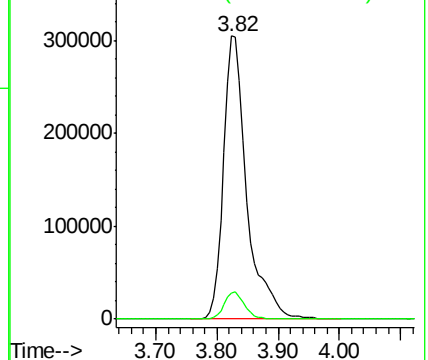
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.71 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

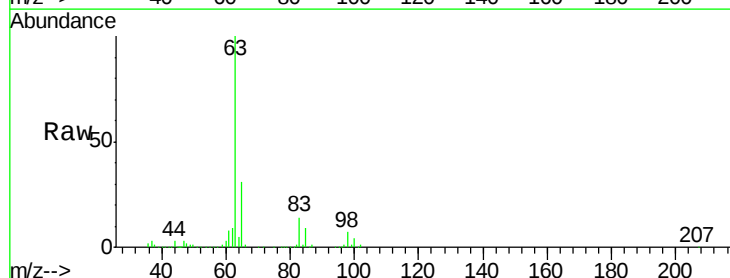
Tgt Ion: 63 Resp: 104815

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

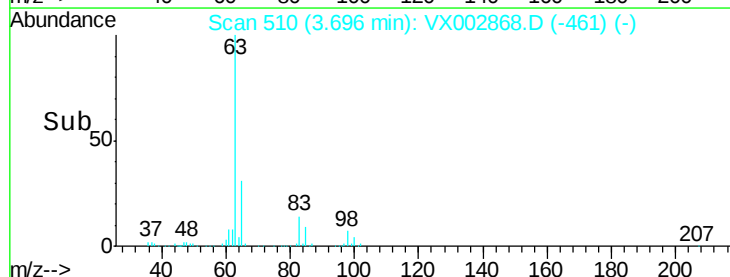
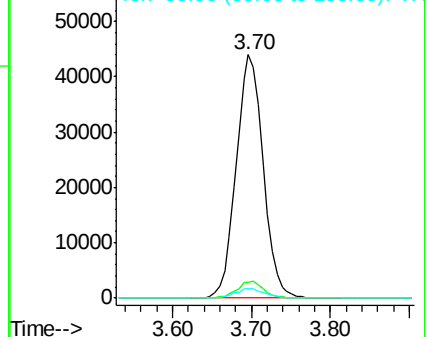
100 3.8 2.0 6.0

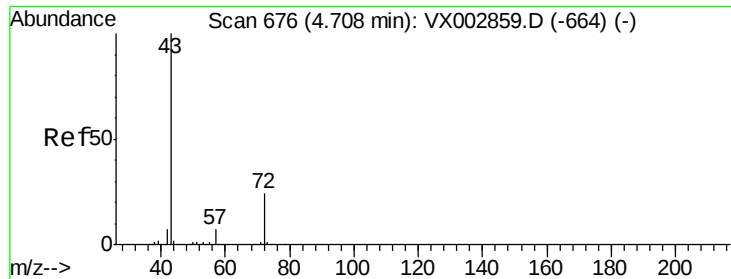


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.09 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

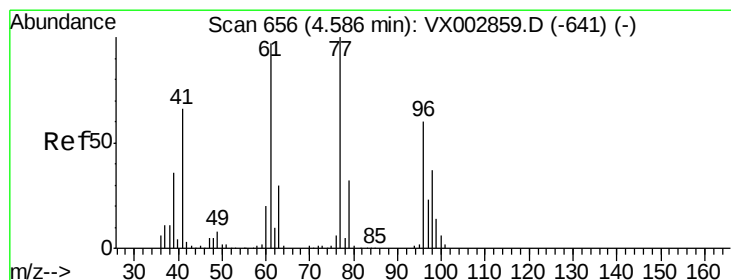
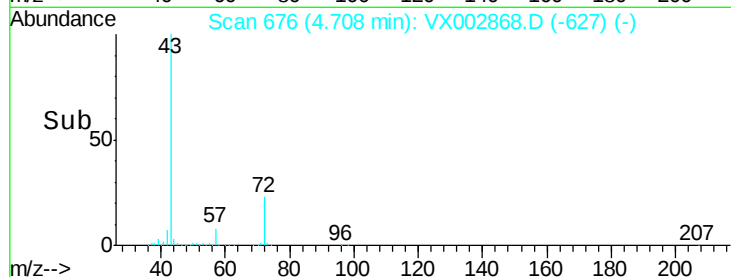
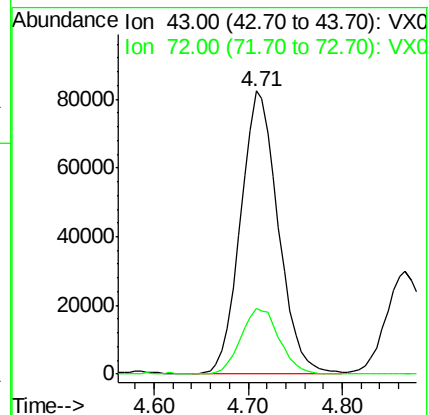
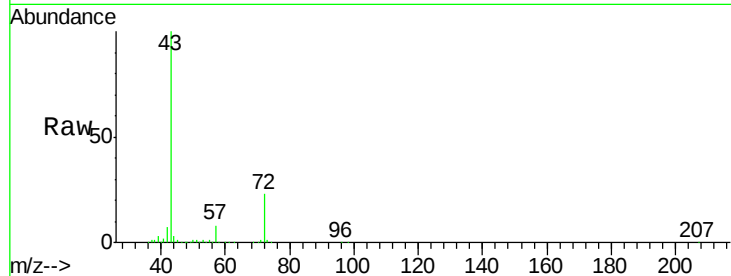
ClientSampleId :

Tot Ion: 43 Resp: 228806

Ion Ratio Lower Upper

43 100

72 23.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.62 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002868.D

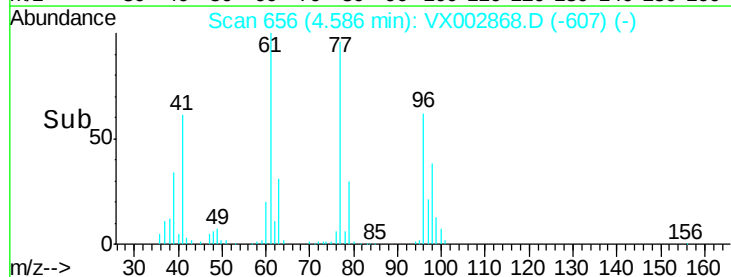
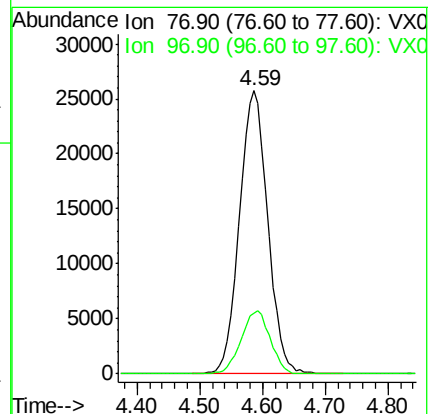
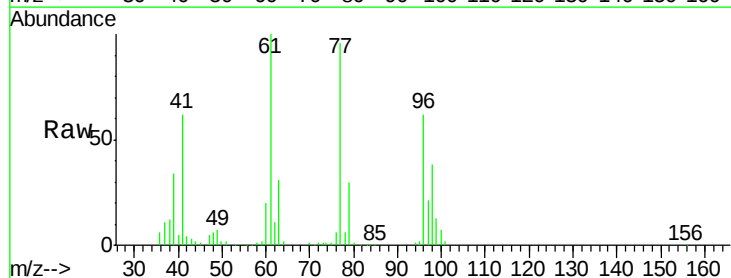
Acq: 25 Jun 2018 19:28

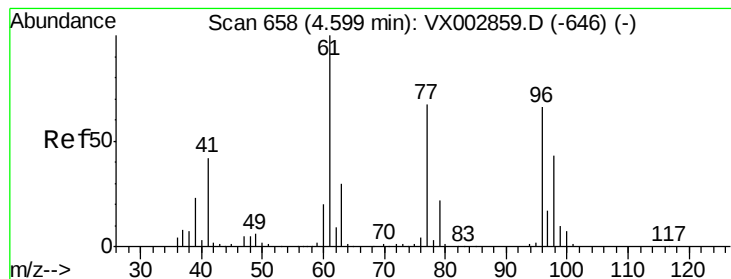
Tgt Ion: 77 Resp: 80282

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.77 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

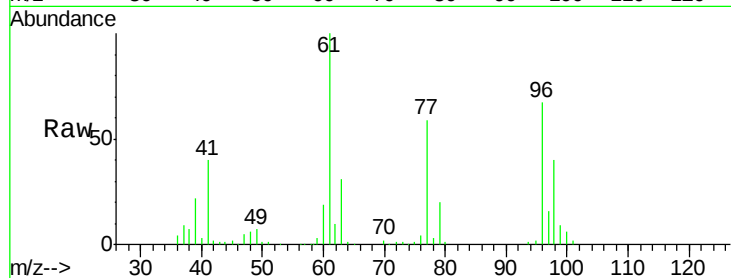
Tot Ion: 96 Resp: 62725

Ion Ratio Lower Upper

96 100

61 163.3 0.0 330.2

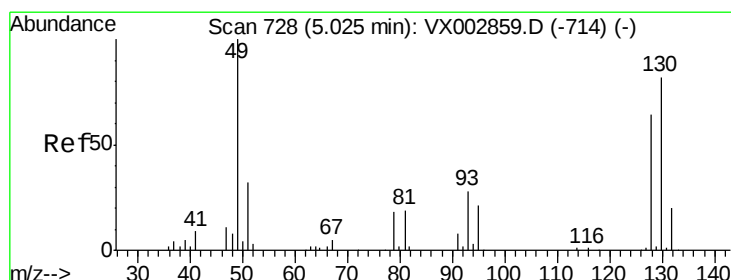
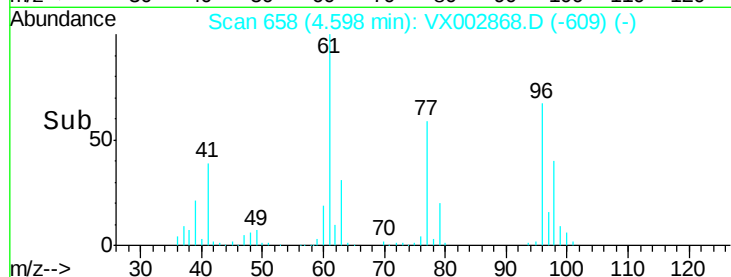
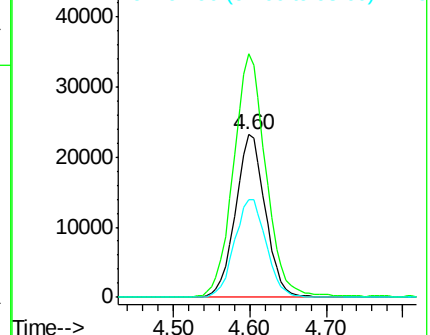
98 64.0 0.0 130.2



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: 19.87 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

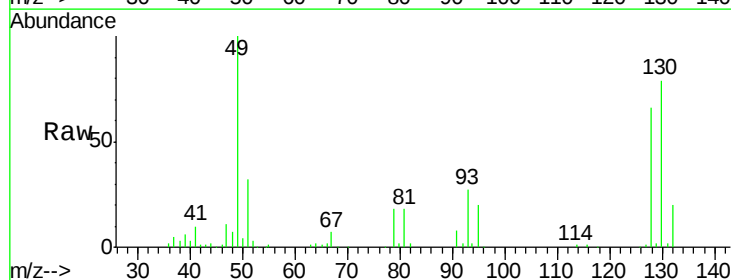
Tgt Ion: 49 Resp: 53298

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

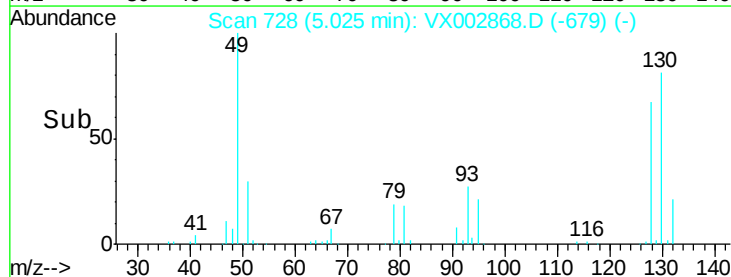
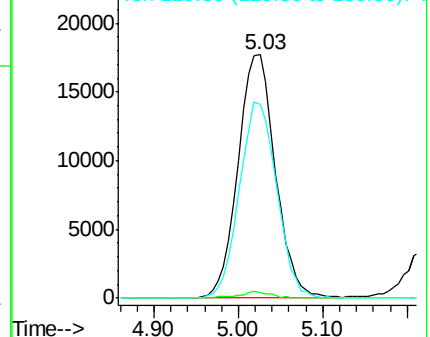
130 80.1 61.2 91.8

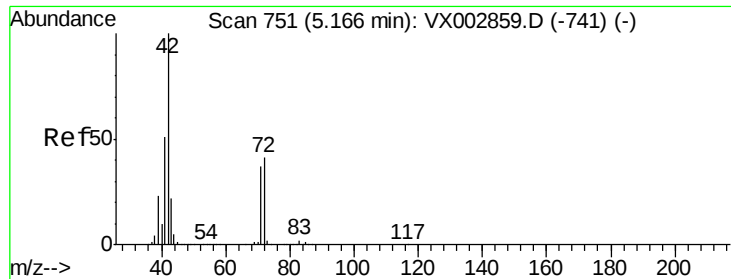


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

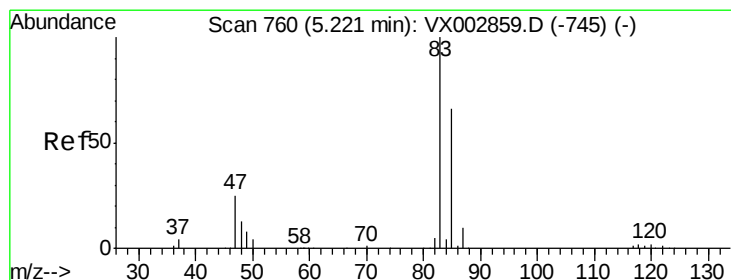
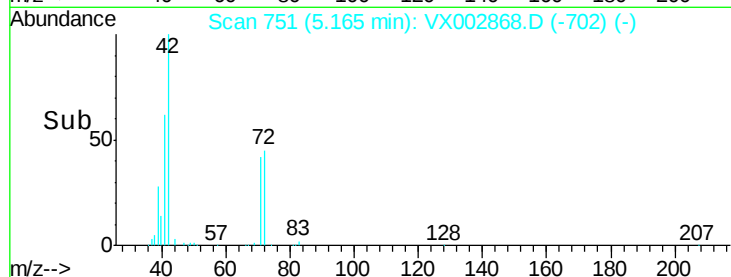
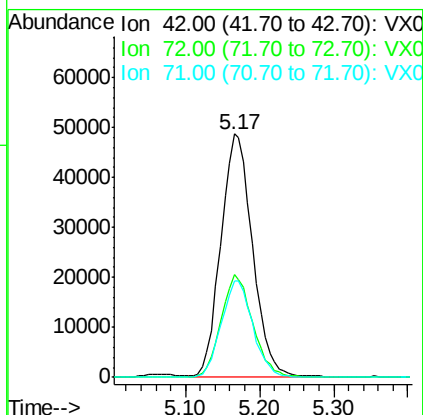
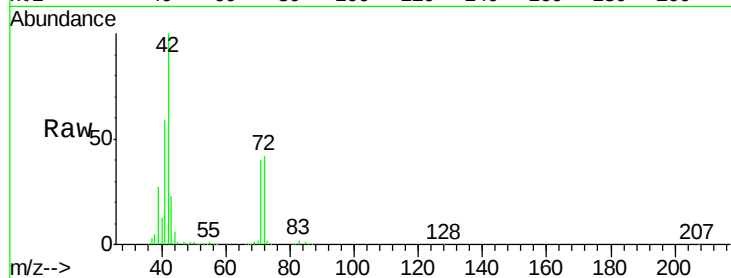




#29
Tetrahydrofuran
Concen: 95.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

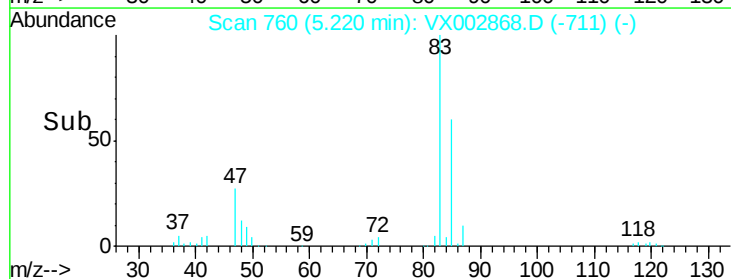
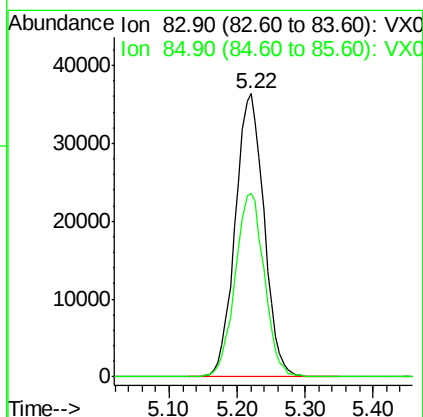
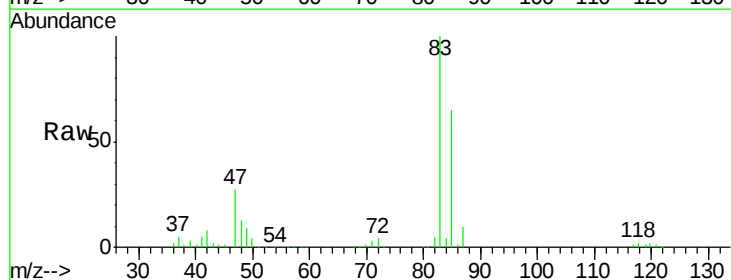
Instrument :
MSVOA_X
ClientSampled :

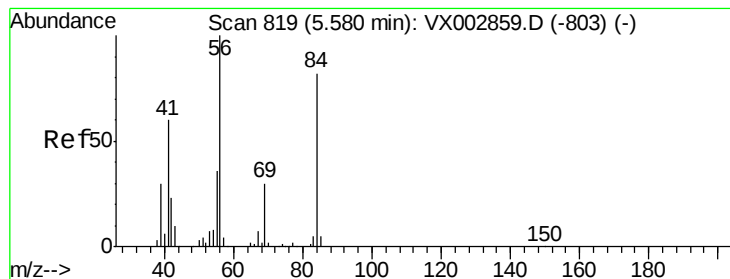
Tot Ion: 42 Resp: 143668
Ion Ratio Lower Upper
42 100
72 42.4 32.0 48.0
71 39.8 30.1 45.1



#30
Chloroform
Concen: 18.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 83 Resp: 106906
Ion Ratio Lower Upper
83 100
85 65.0 50.4 75.6





#31

Cyclohexane

Concen: 18.39 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

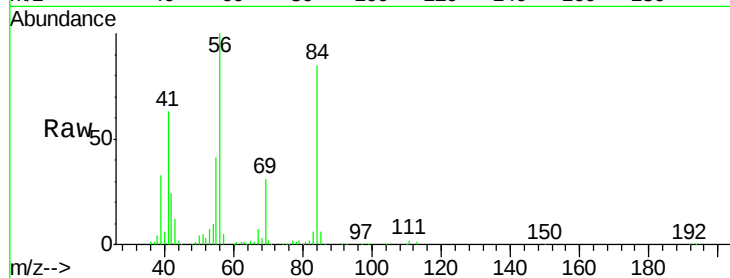
Tot Ion: 56 Resp: 88445

Ion Ratio Lower Upper

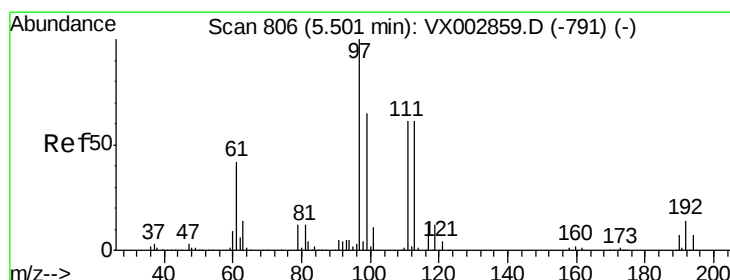
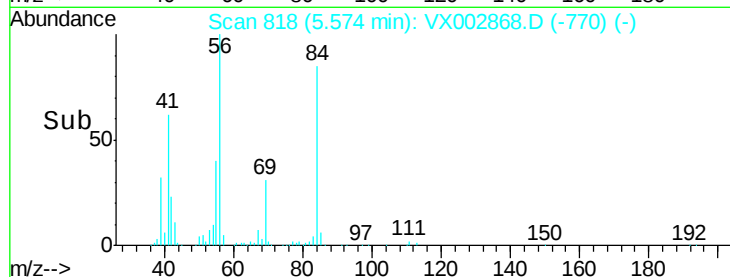
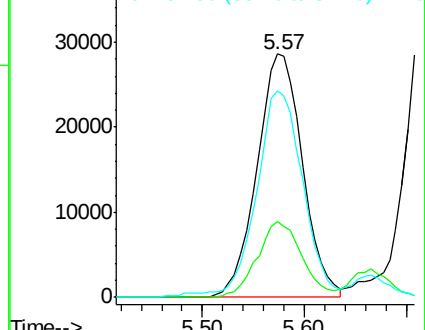
56 100

69 31.3 23.7 35.5

84 83.1 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: 18.41 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

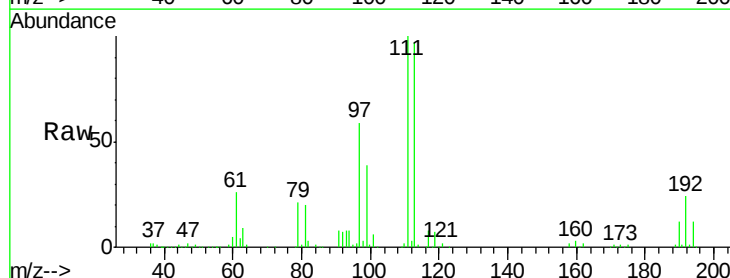
Tgt Ion: 97 Resp: 93158

Ion Ratio Lower Upper

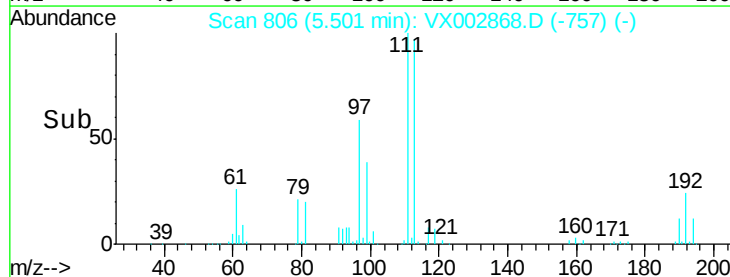
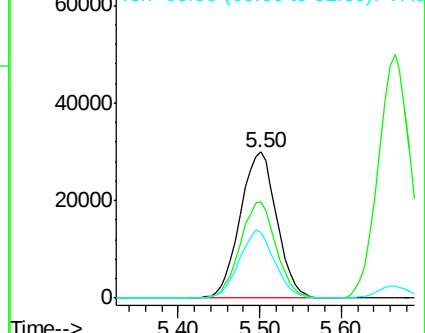
97 100

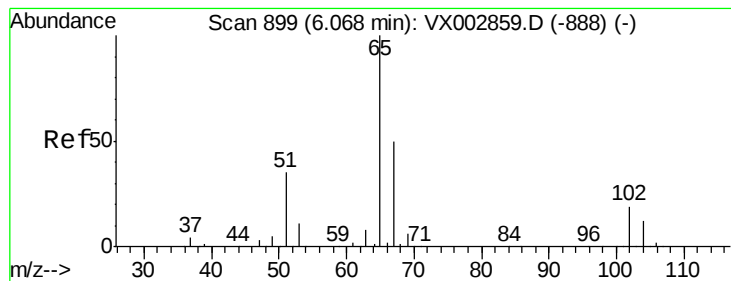
99 64.9 51.6 77.4

61 45.1 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: 49.03 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

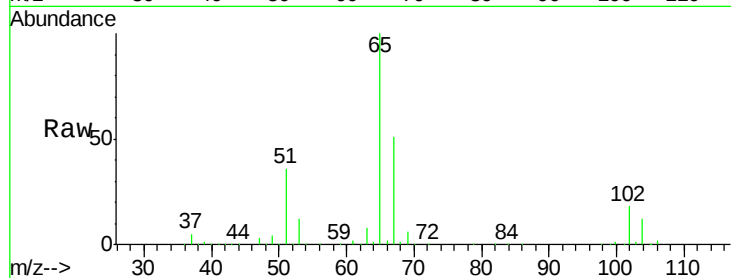
ClientSampleId :

Tot Ion: 65 Resp: 188023

Ion Ratio Lower Upper

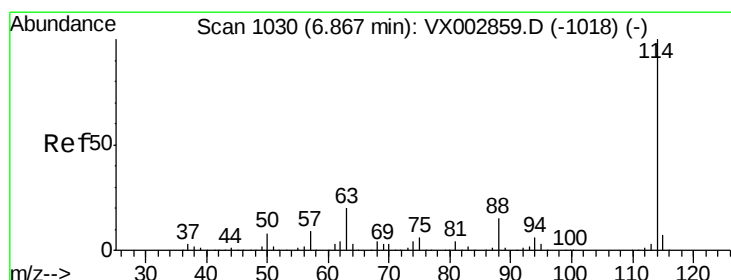
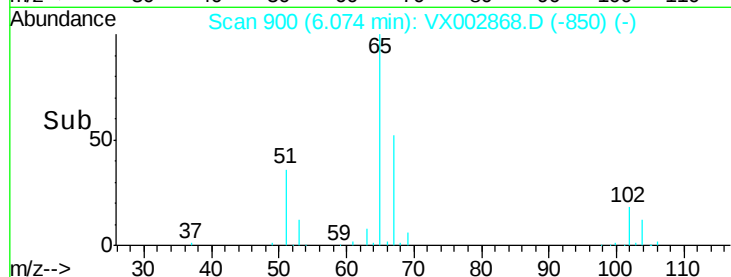
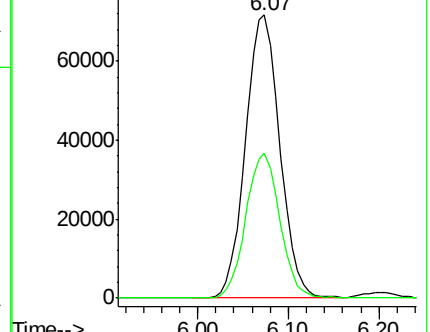
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

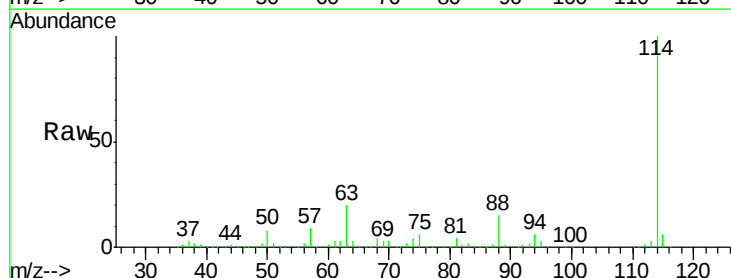
Tgt Ion: 114 Resp: 380531

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

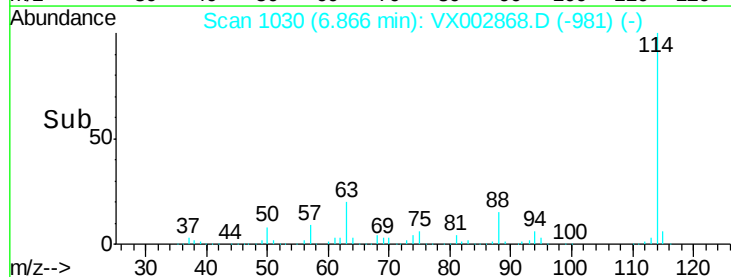
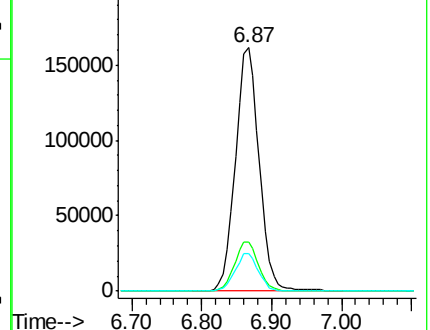
88 15.4 0.0 30.0

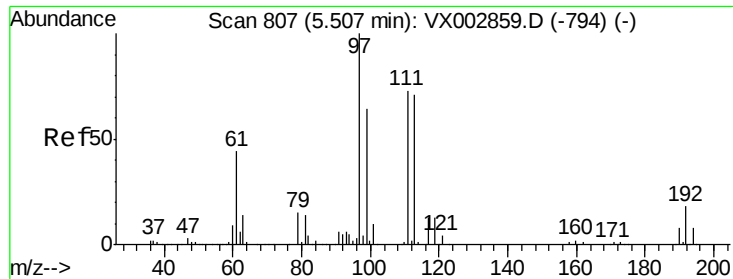


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

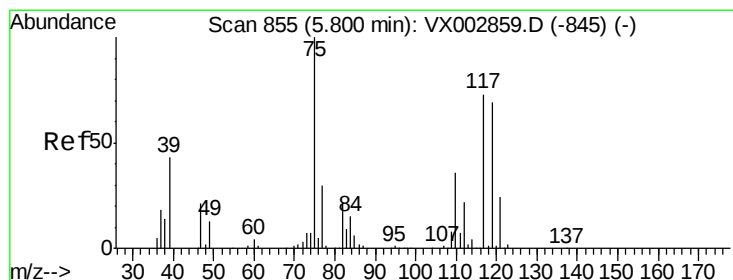
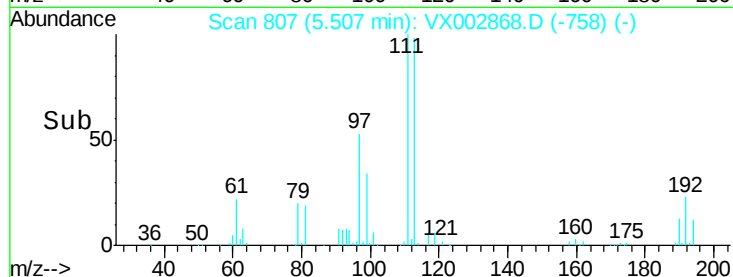
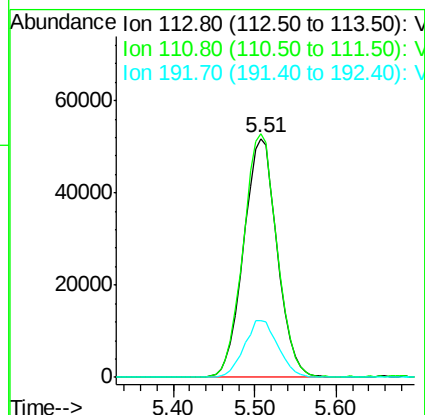
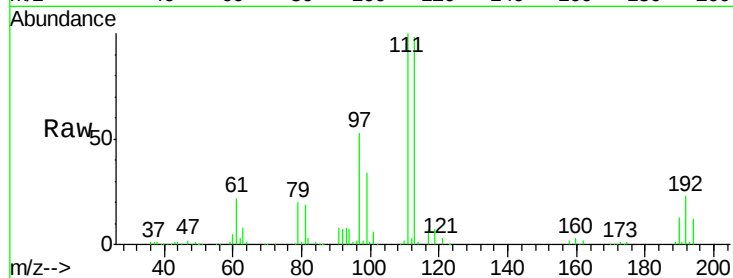




#35
 Dibromofluoromethane
 Concen: 49.03 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

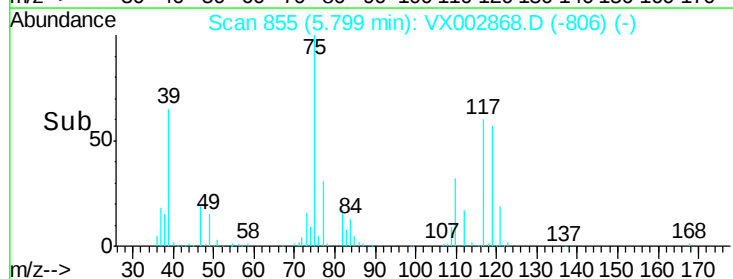
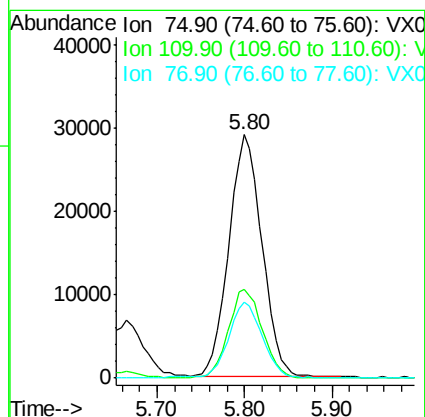
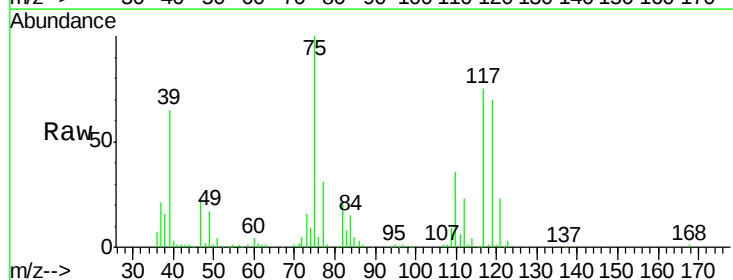
Instrument :
 MSVOA_X
 ClientSampleId :

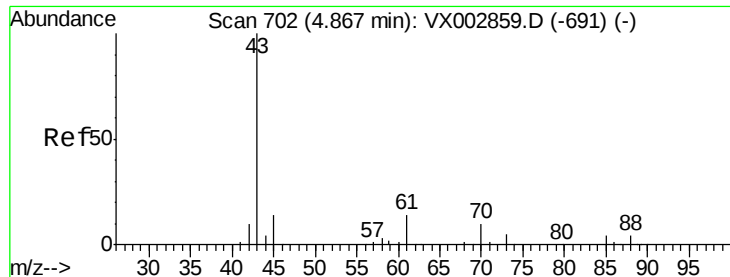
Tot Ion:113 Resp: 147758
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 24.2 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.34 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion: 75 Resp: 76527
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.1 54.4
 77 32.5 24.3 36.5





#37

Ethyl Acetate

Concen: 19.36 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampled :

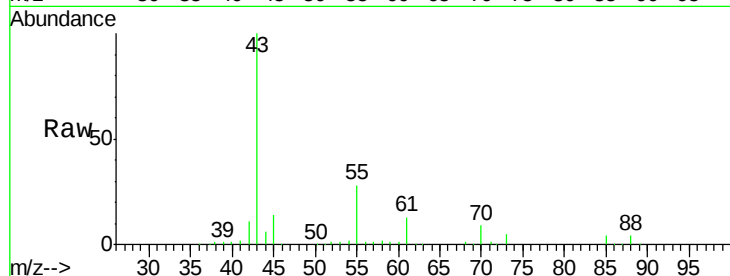
Tot Ion: 43 Resp: 86980

Ion Ratio Lower Upper

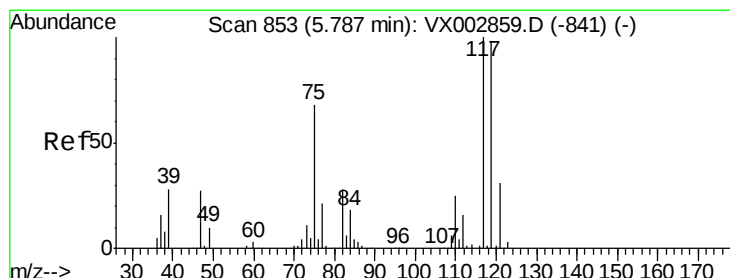
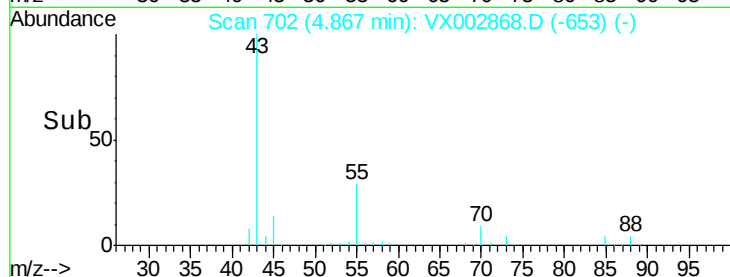
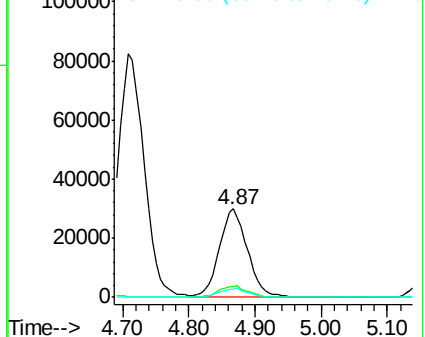
43 100

61 13.6 10.4 15.6

70 9.7 7.6 11.4



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



#38

Carbon Tetrachloride

Concen: 18.24 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

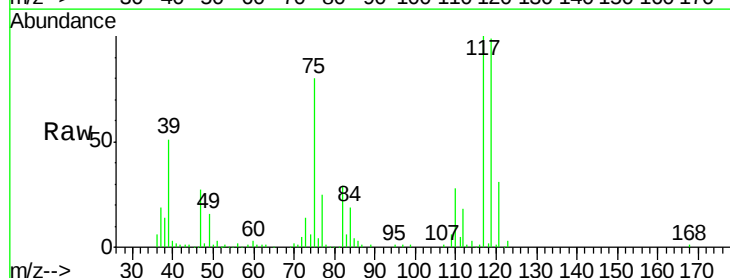
Tgt Ion: 117 Resp: 83525

Ion Ratio Lower Upper

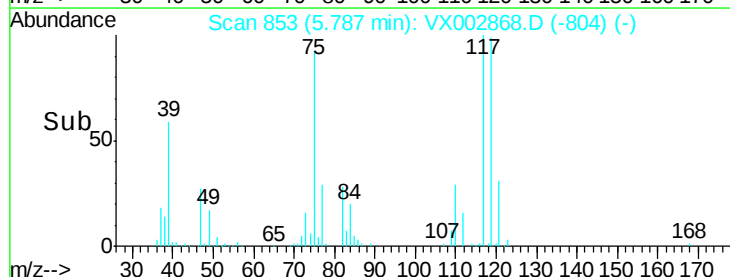
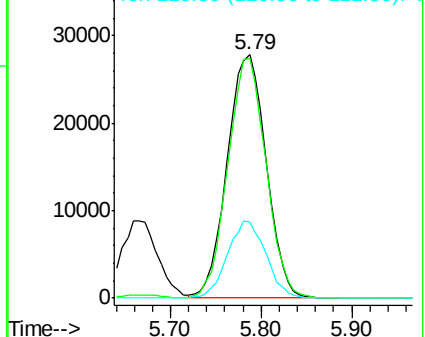
117 100

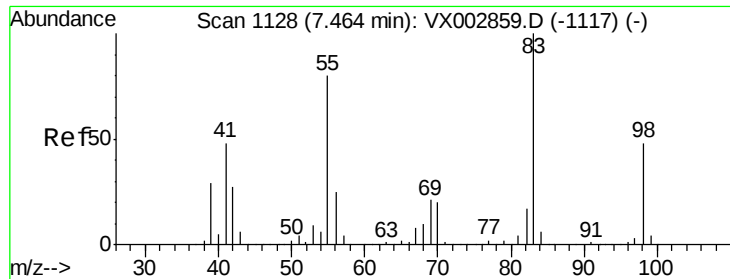
119 98.7 77.4 116.0

121 30.8 24.4 36.6



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

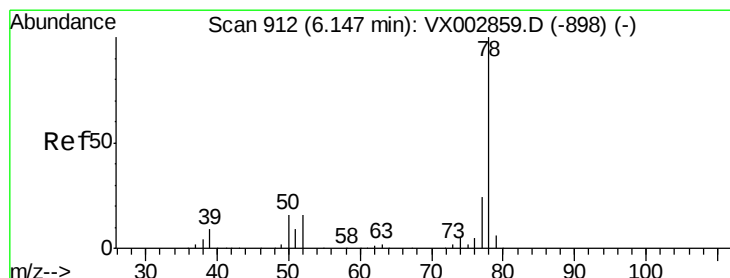
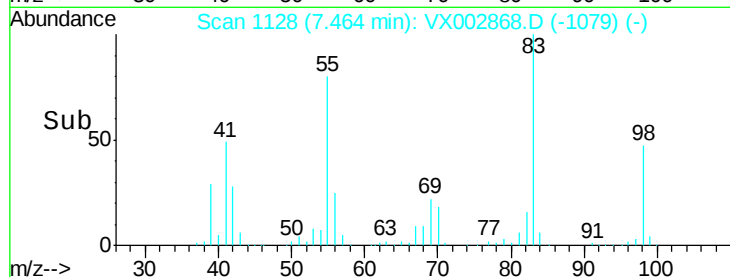
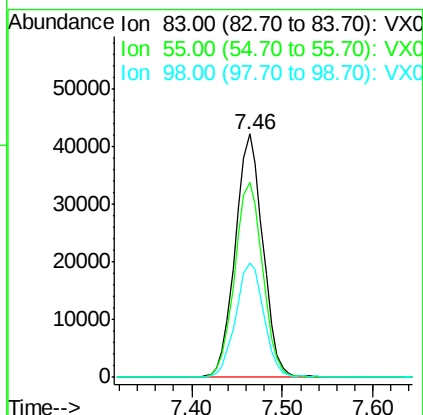
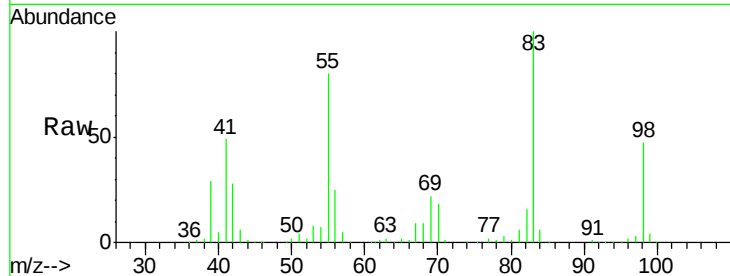




#39
Methvlcvclohexane
Concen: 18.41 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

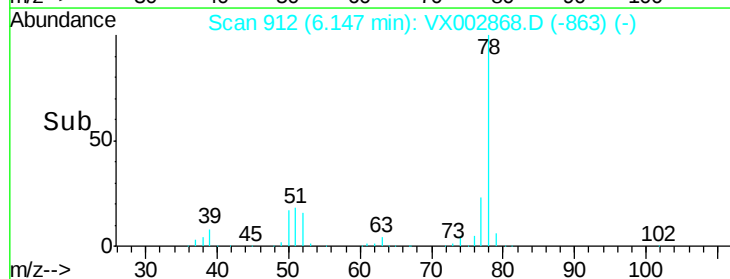
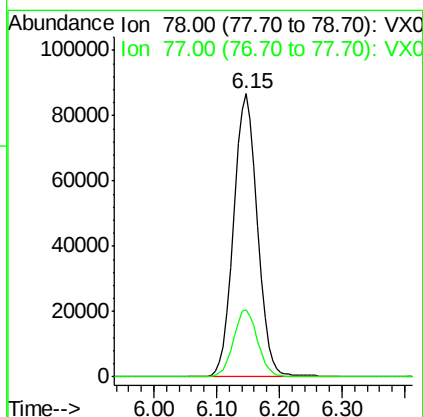
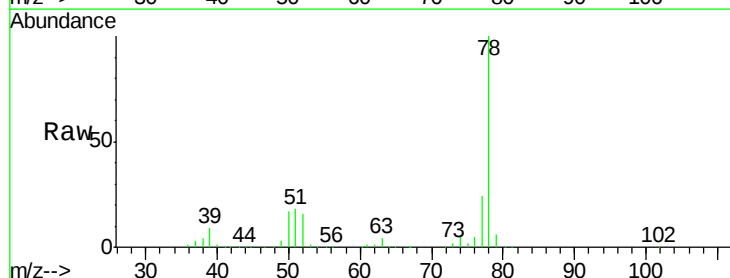
Instrument :
MSVOA_X
ClientSampled :

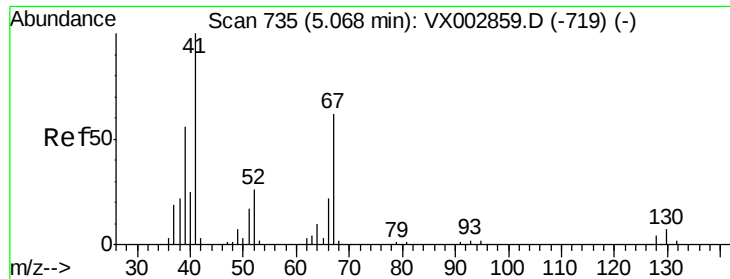
Tot Ion: 83 Resp: 89472
Ion Ratio Lower Upper
83 100
55 79.8 65.4 98.0
98 46.8 37.4 56.0



#40
Benzene
Concen: 18.85 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 78 Resp: 228520
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

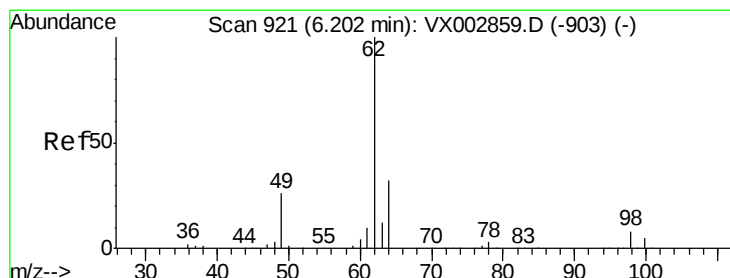
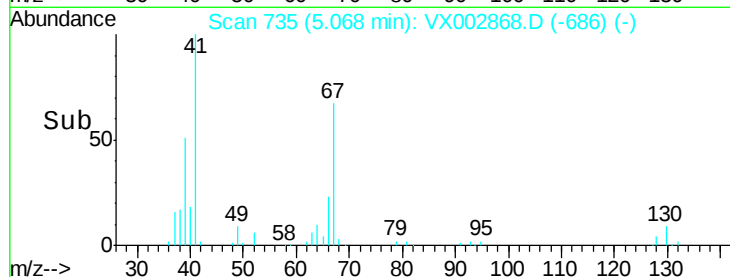
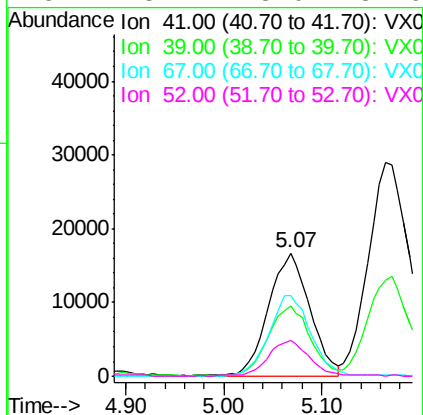
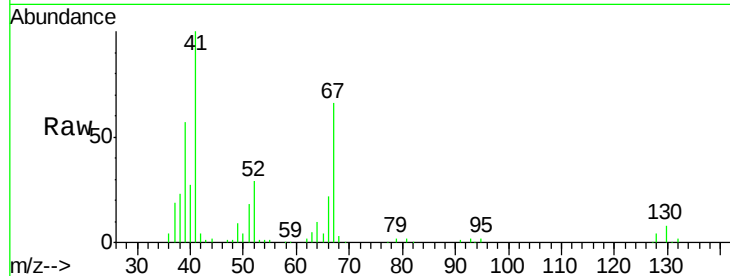




#41
Methacrylonitrile
Concen: 18.95 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

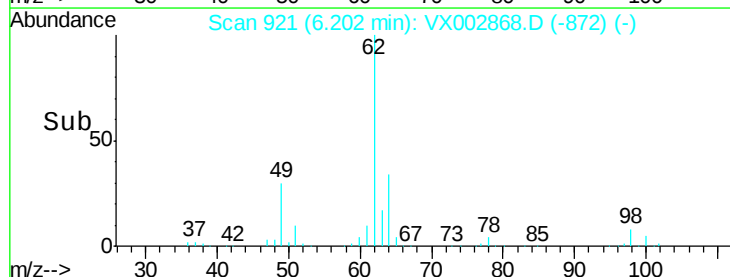
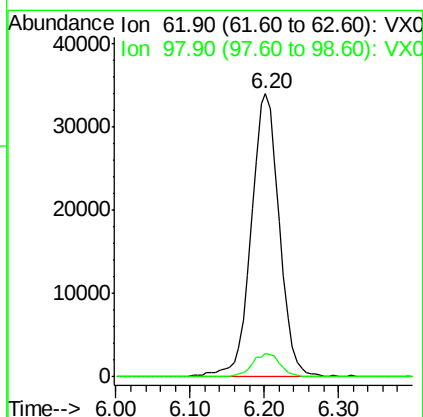
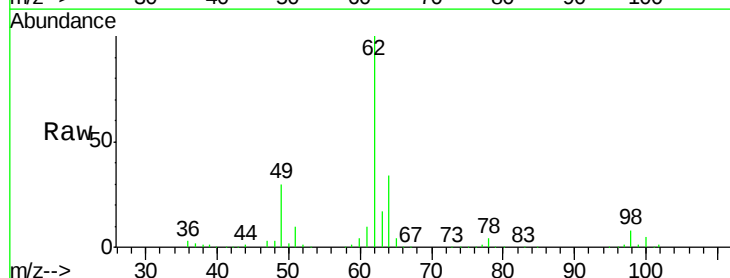
Instrument :
MSVOA_X
ClientSampled :

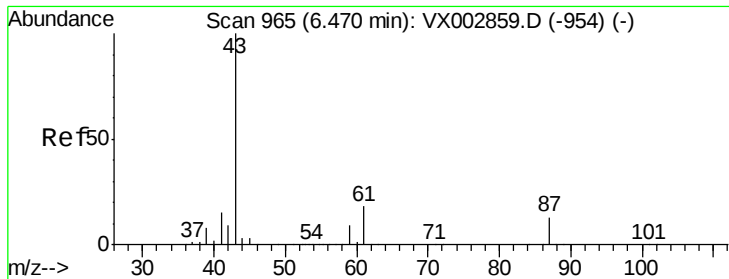
Tot Ion:	41	Resp:	49033
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.6
67	67.0	51.3	76.9
52	28.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:	62	Resp:	89145
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



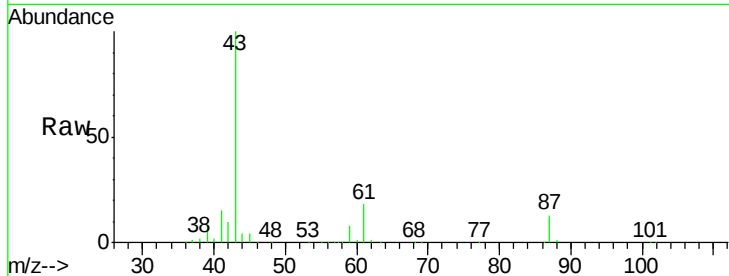


#43

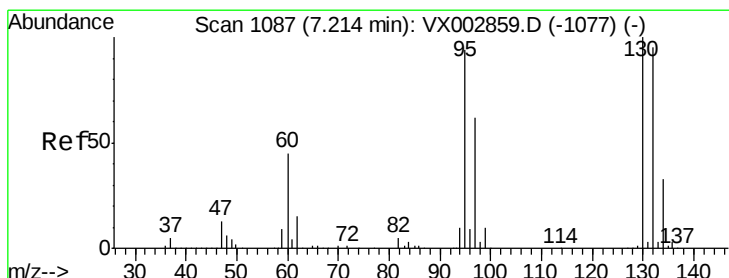
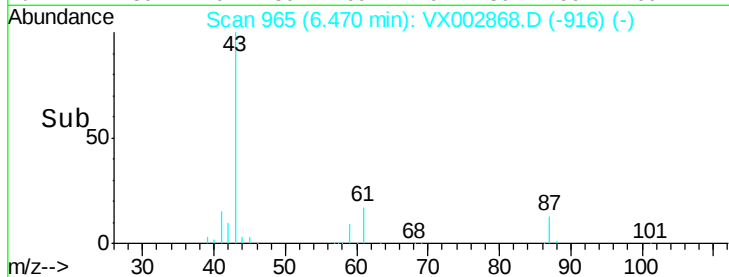
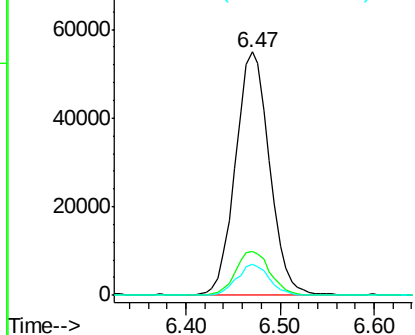
Isopropyl Acetate
 Concen: 18.30 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 137918
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.3 9.5 14.3



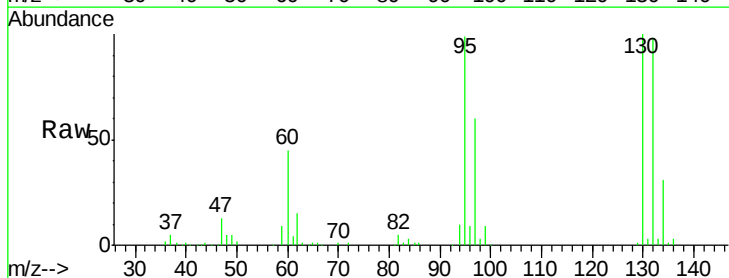
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



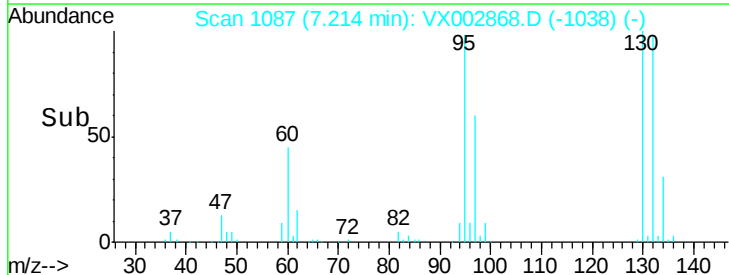
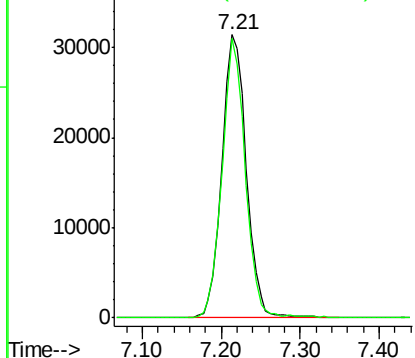
#44

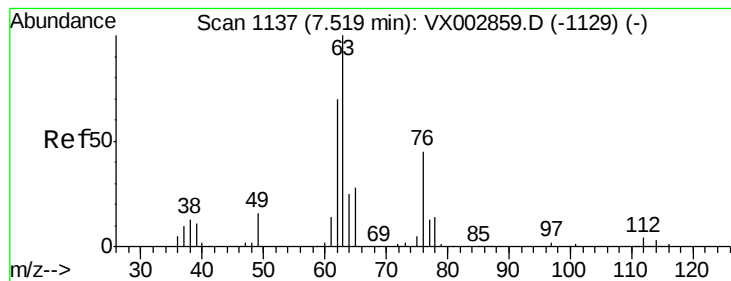
Trichloroethene
 Concen: 18.81 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion:130 Resp: 67980
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 18.66 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

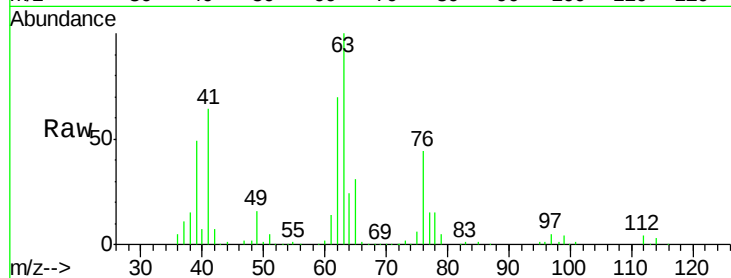
ClientSampleId :

Tot Ion: 63 Resp: 60020

Ion Ratio Lower Upper

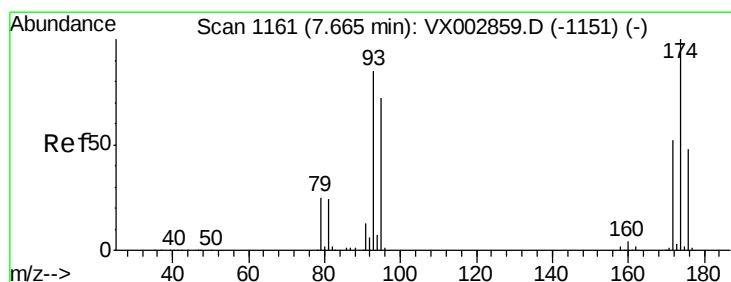
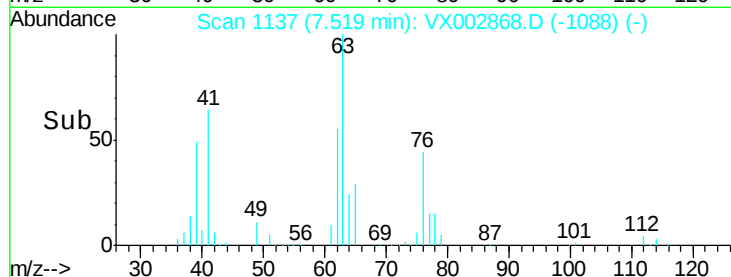
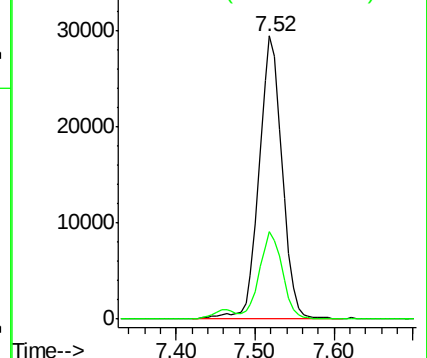
63 100

65 30.8 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: 18.65 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

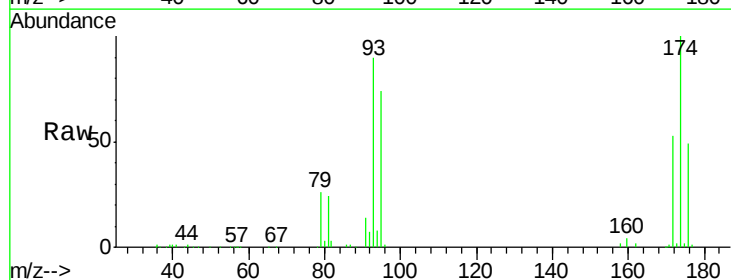
Tgt Ion: 93 Resp: 41619

Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

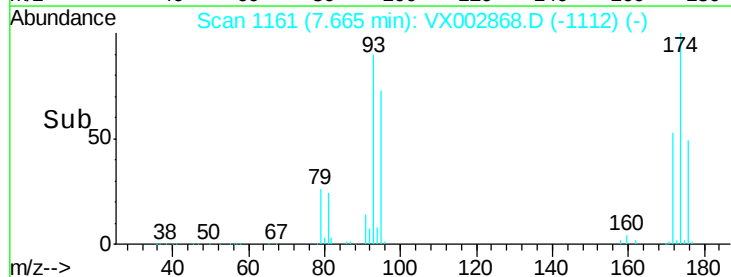
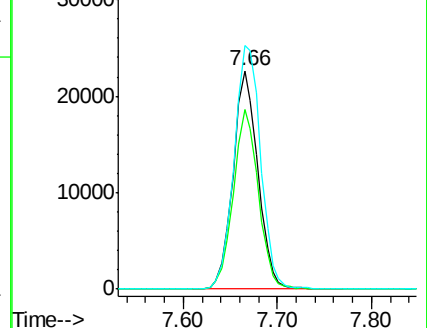
174 118.7 92.4 138.6

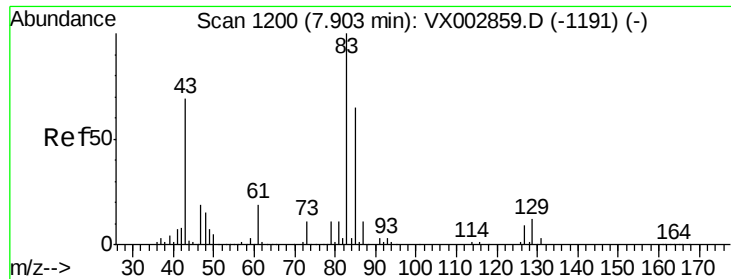


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.28 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

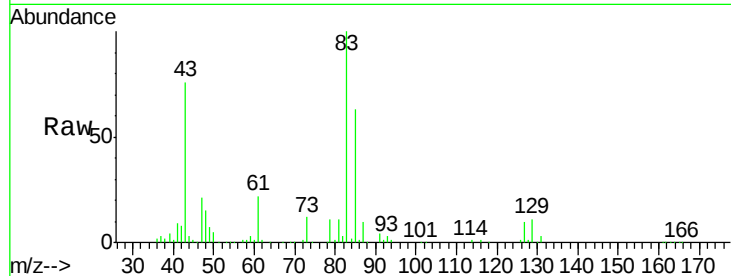
Tot Ion: 83 Resp: 75440

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

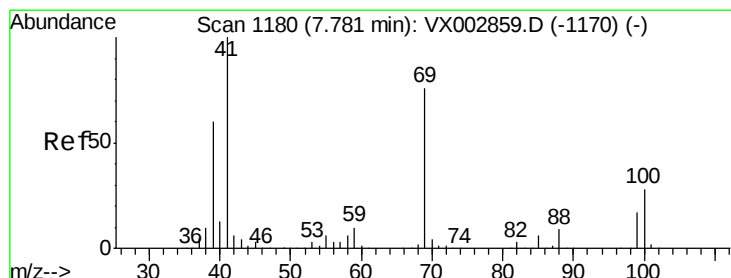
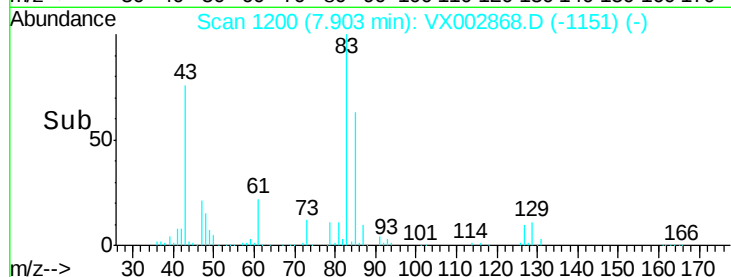
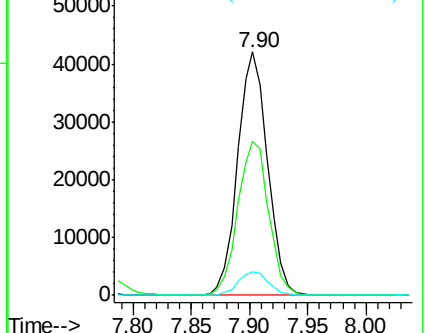
127 9.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.98 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

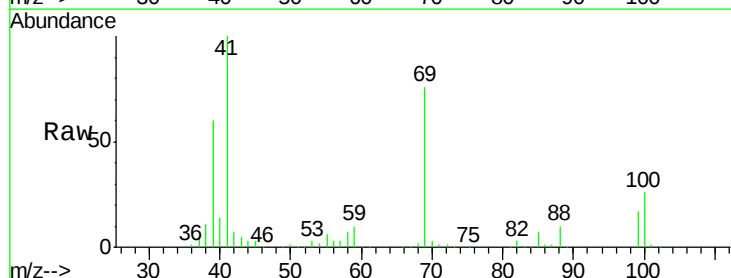
Tgt Ion: 41 Resp: 73706

Ion Ratio Lower Upper

41 100

69 77.0 59.1 88.7

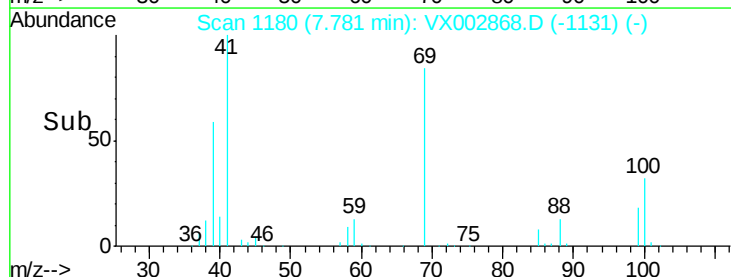
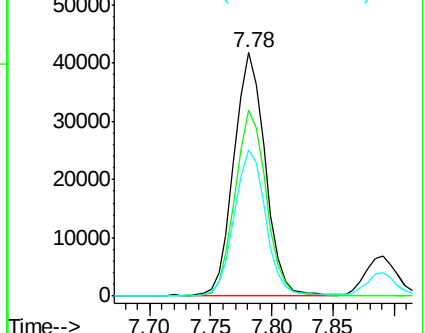
39 60.0 48.9 73.3

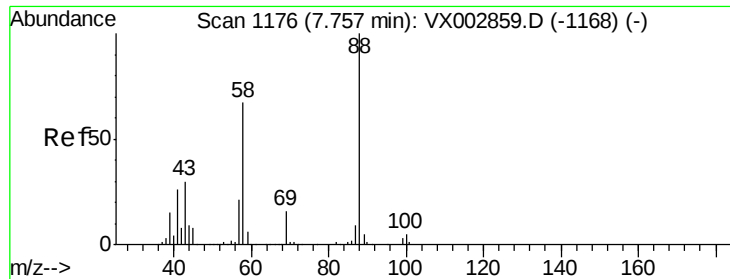


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

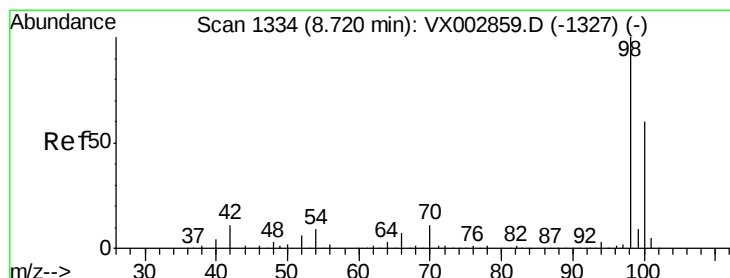
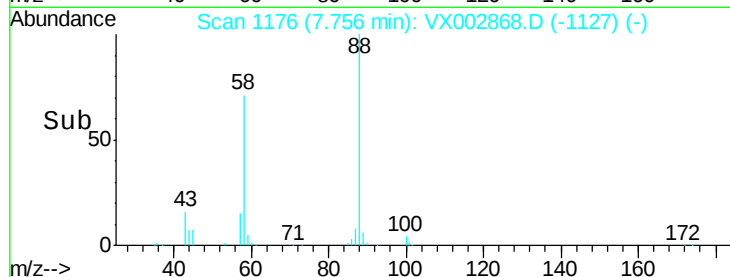
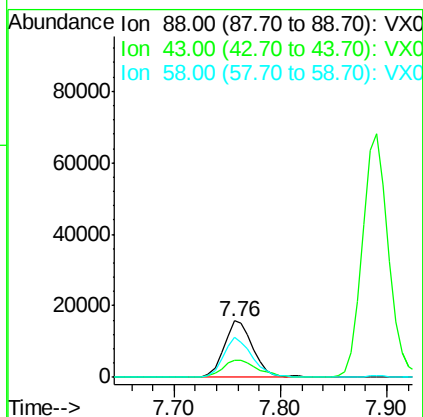
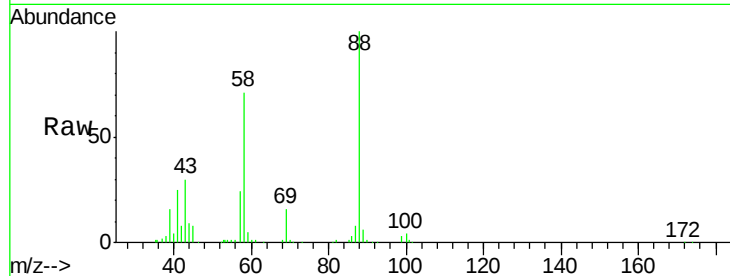




#49
1,4-Dioxane
Concen: 395.14 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

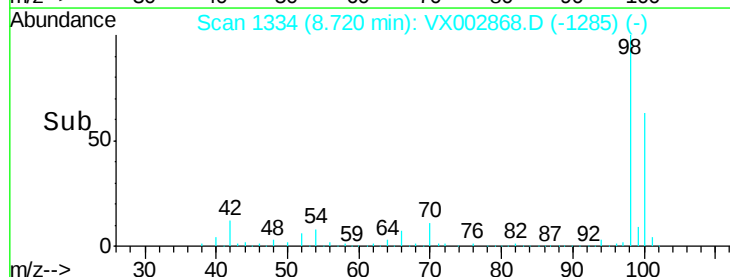
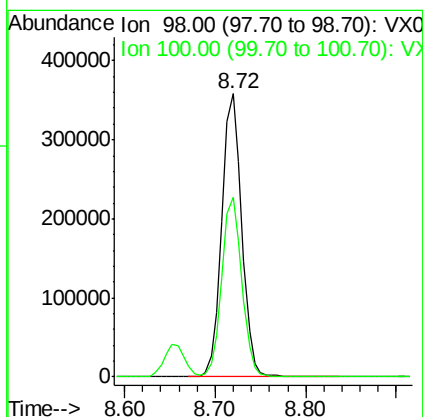
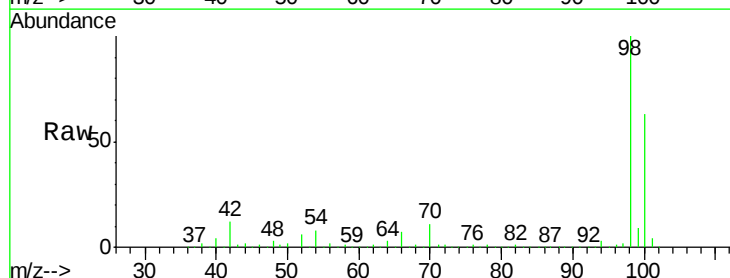
Instrument :
MSVOA_X
ClientSampleId :

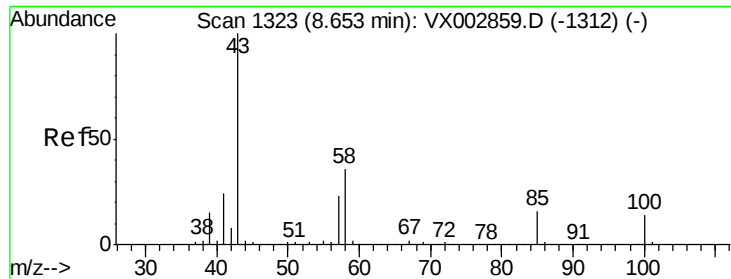
Tot Ion: 88 Resp: 29849
Ion Ratio Lower Upper
88 100
43 35.9 29.8 44.6
58 69.2 57.1 85.7



#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 98 Resp: 549075
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 97.46 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

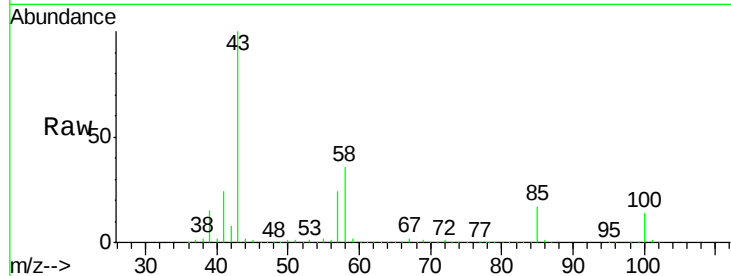
ClientSampleId :

Tot Ion: 43 Resp: 459510

Ion Ratio Lower Upper

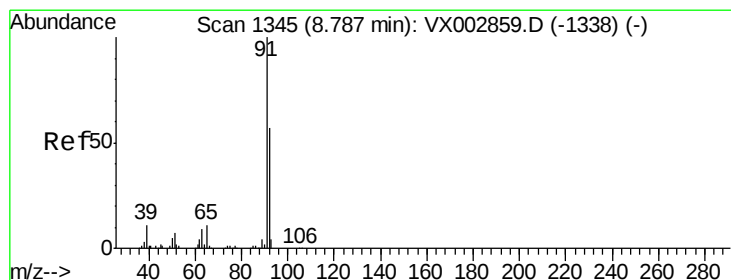
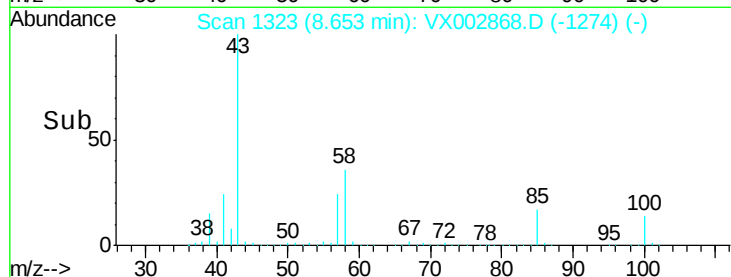
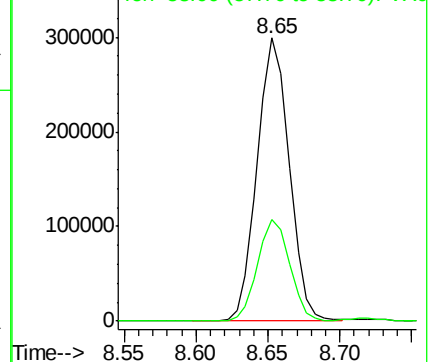
43 100

58 36.1 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: 19.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002868.D

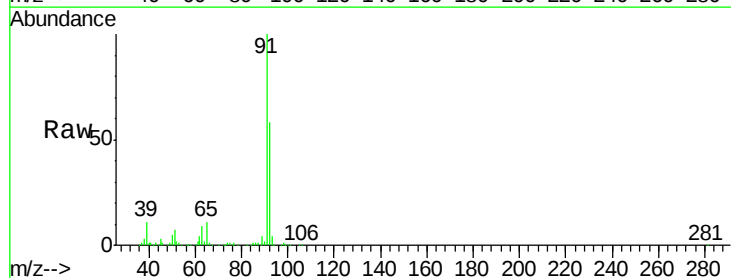
Acq: 25 Jun 2018 19:28

Tgt Ion: 92 Resp: 147812

Ion Ratio Lower Upper

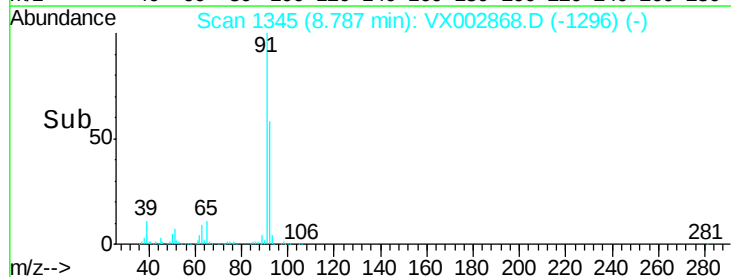
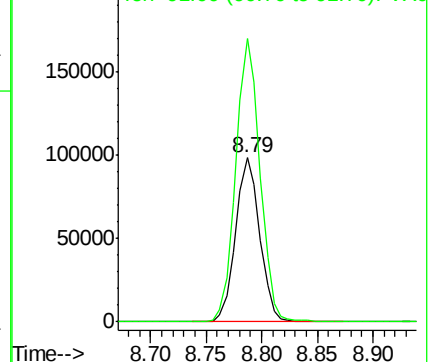
92 100

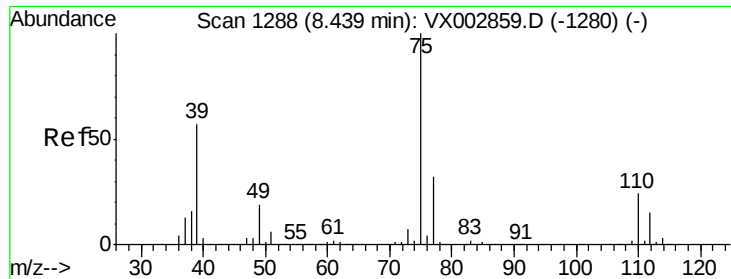
91 173.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

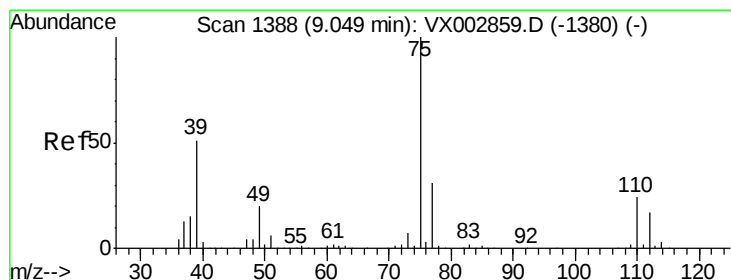
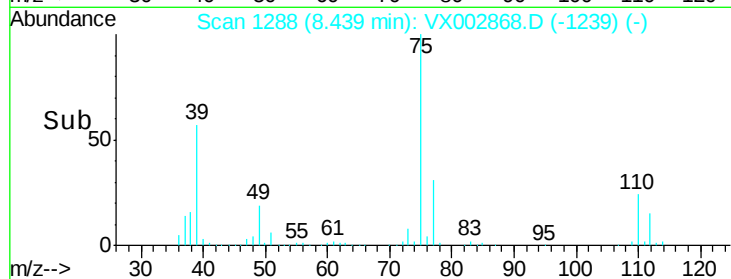
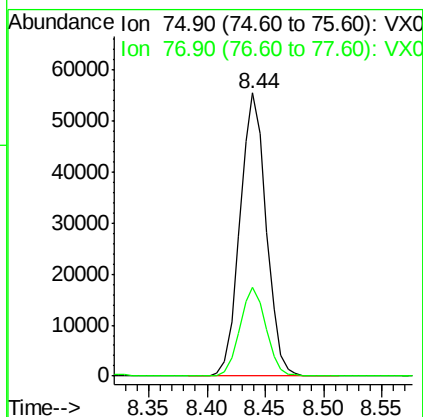
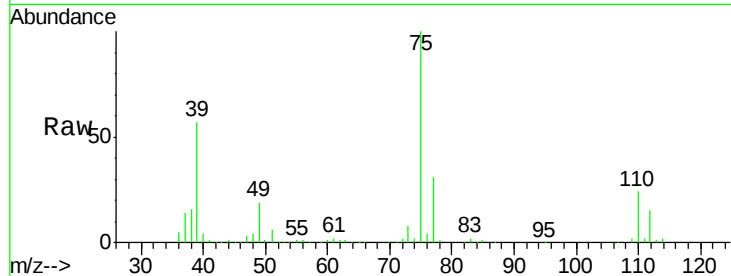




#53
 t-1,3-Dichloropropene
 Concen: 18.68 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

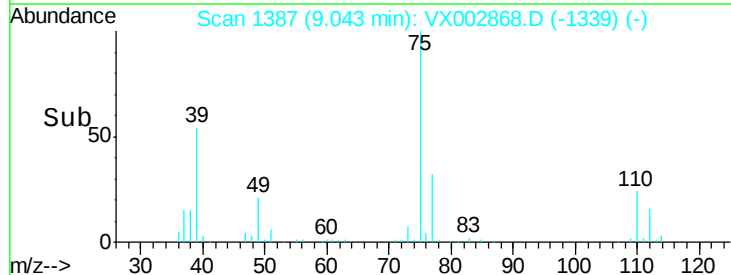
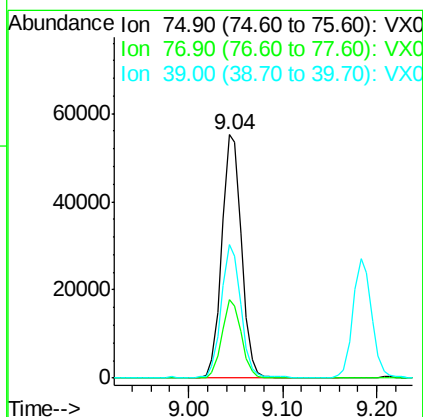
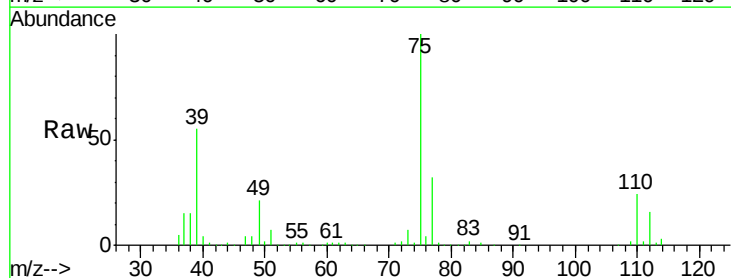
Instrument :
 MSVOA_X
 ClientSampleId :

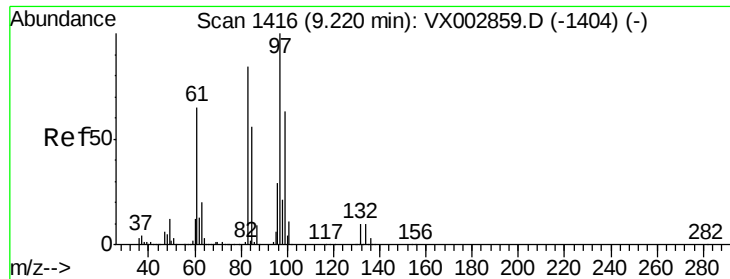
Tot Ion: 75 Resp: 87293
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.80 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion: 75 Resp: 80049
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 54.5 42.4 63.6

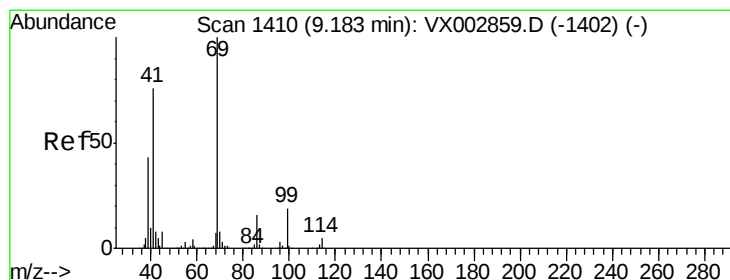
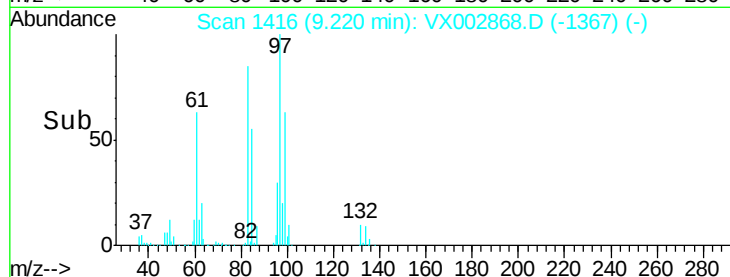
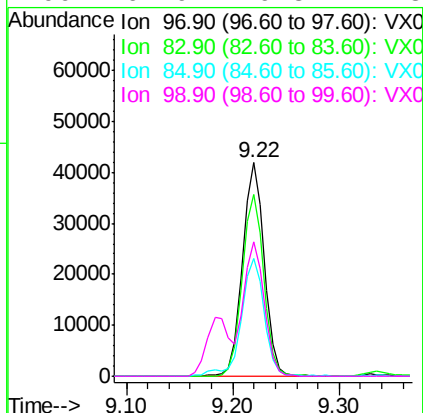
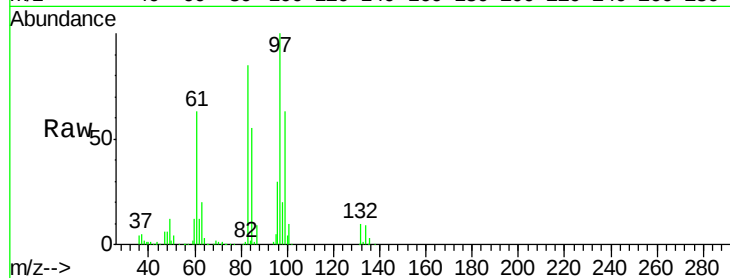




#55
 1,1,2-Trichloroethane
 Concen: 18.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

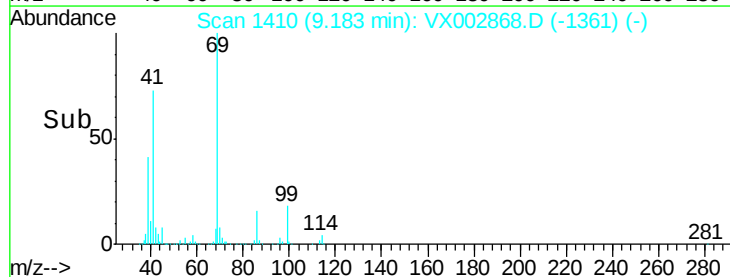
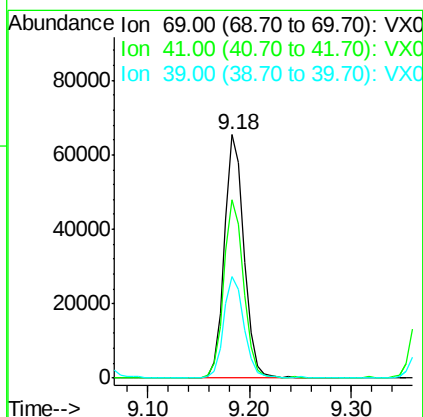
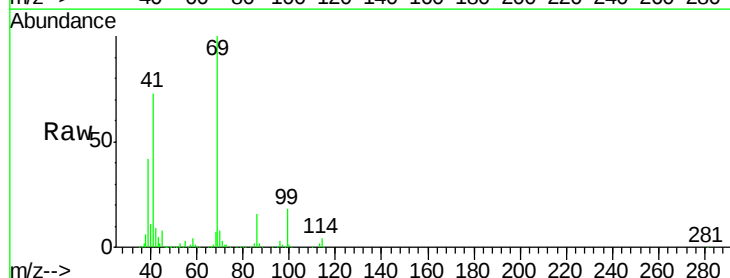
Instrument :
 MSVOA_X
 ClientSampleId :

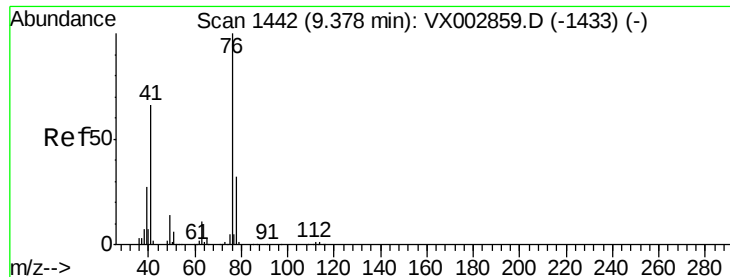
Tot Ion:	97	Resp:	60147
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.2	105.2
85	55.2	44.9	67.3
99	62.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion:	69	Resp:	87366
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	42.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.78 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

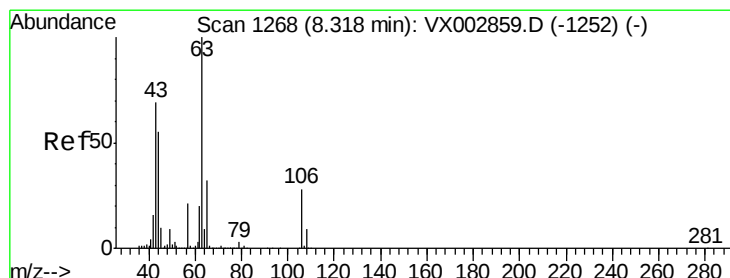
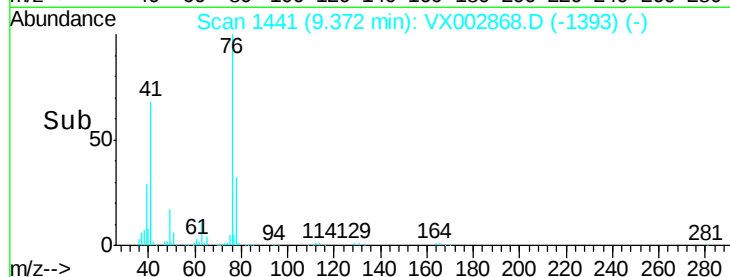
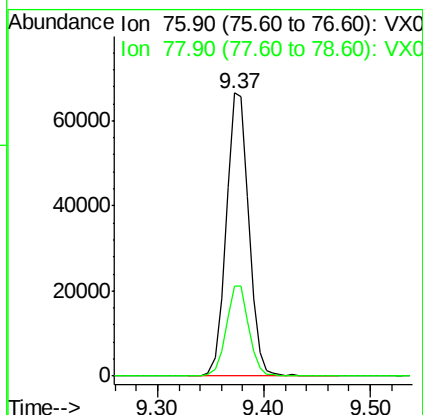
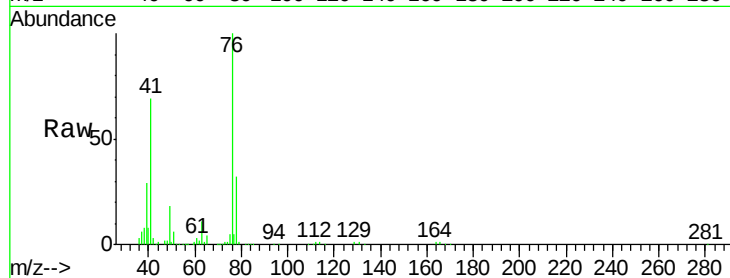
ClientSampleId :

Tot Ion: 76 Resp: 98442

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.16 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002868.D

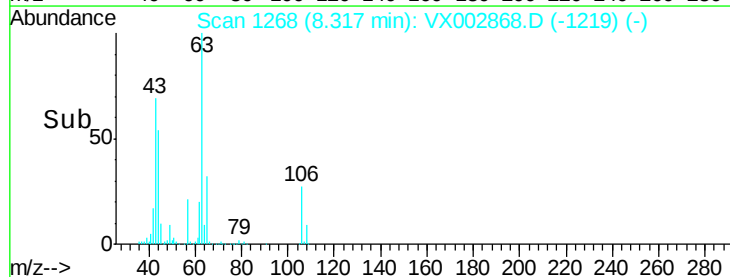
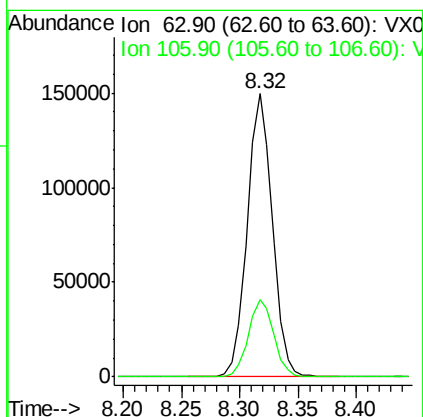
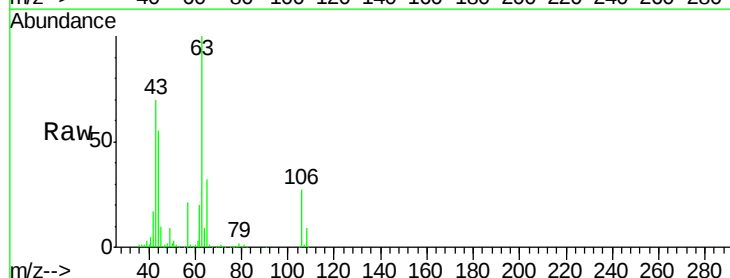
Acq: 25 Jun 2018 19:28

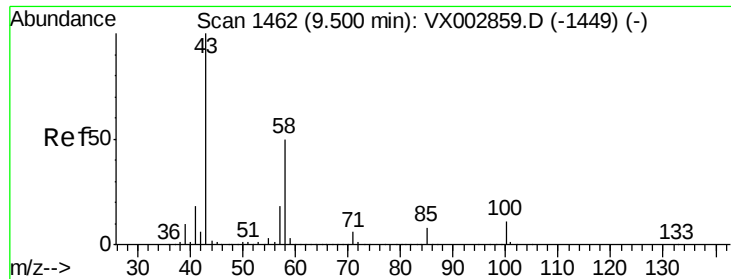
Tgt Ion: 63 Resp: 225413

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8

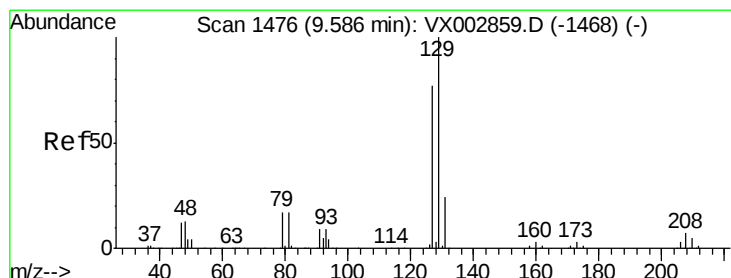
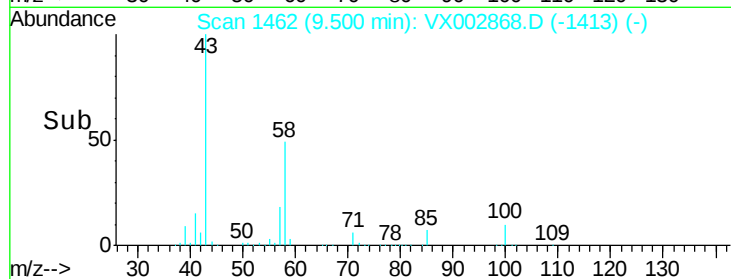
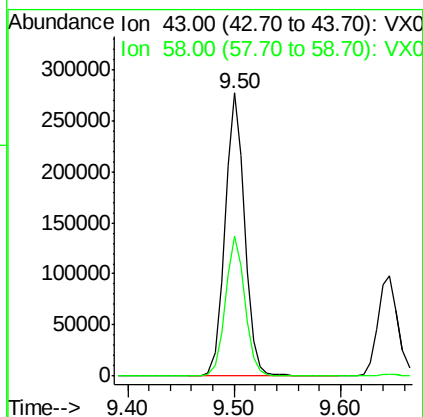
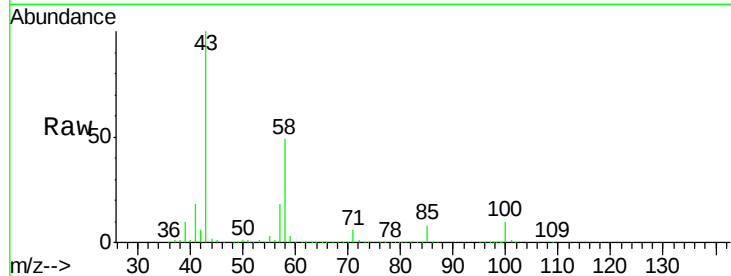




#59
2-Hexanone
Concen: 99.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

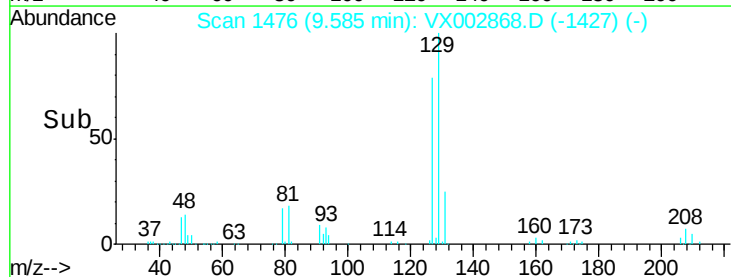
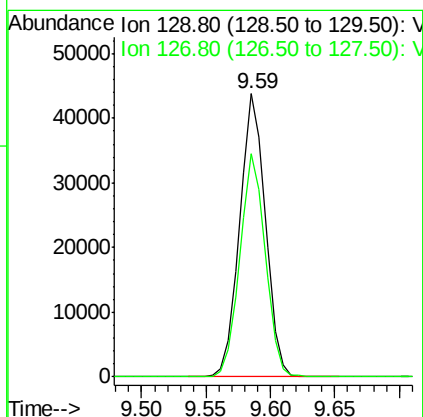
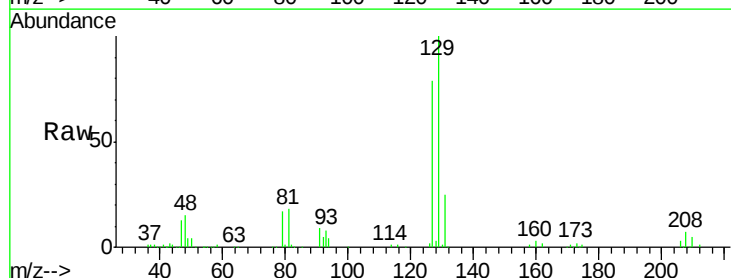
Instrument :
MSVOA_X
ClientSampleId :

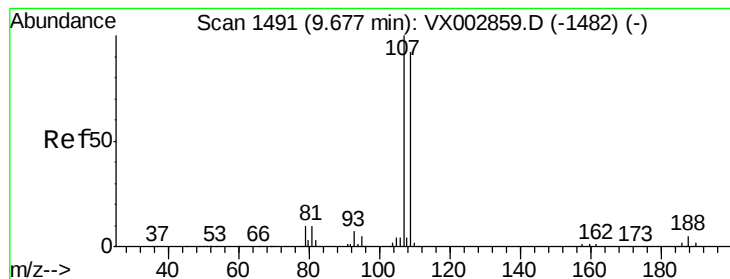
Tot Ion: 43 Resp: 356437
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6



#60
Dibromochloromethane
Concen: 18.01 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:129 Resp: 60531
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

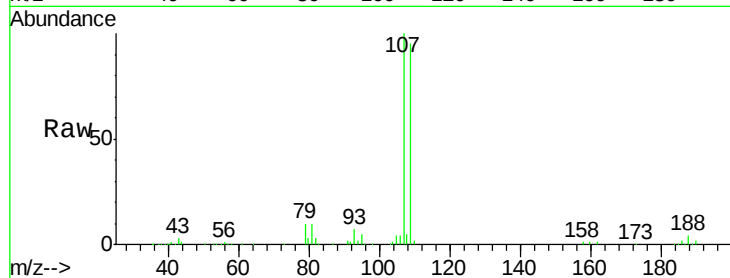
ClientSampleId :

Tot Ion:107 Resp: 62521

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

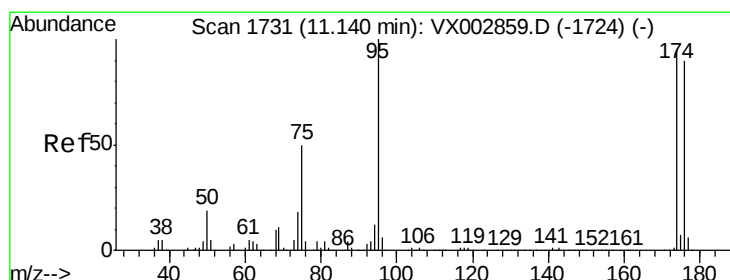
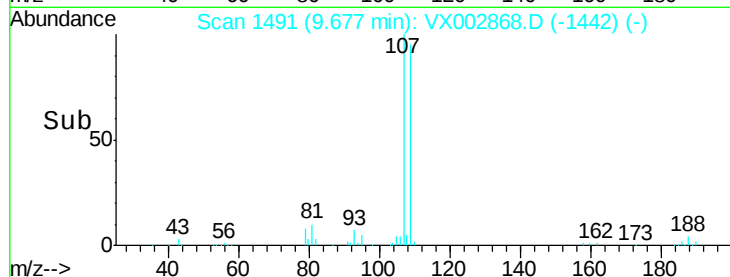
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

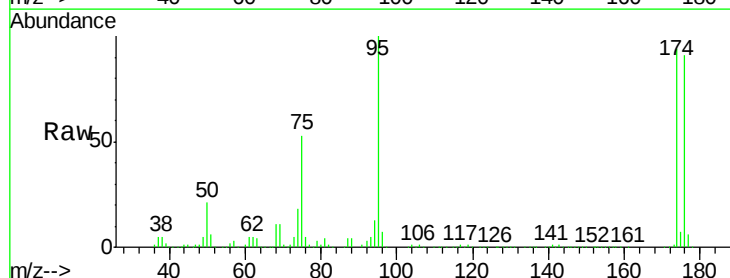
Tgt Ion: 95 Resp: 207702

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

176 92.6 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

11.14

200000

150000

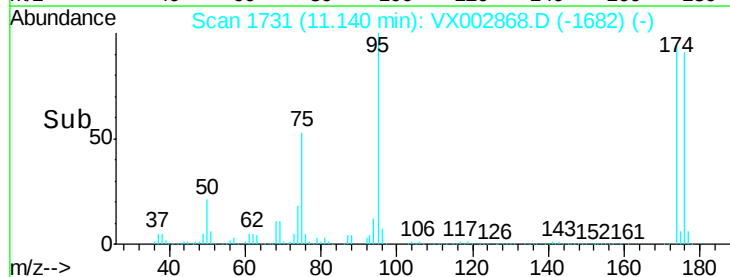
100000

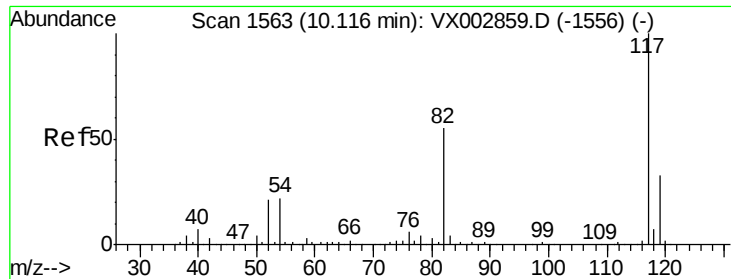
50000

0

Time-->

11.10 11.20

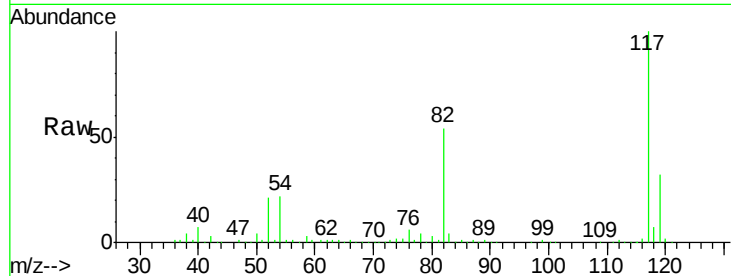




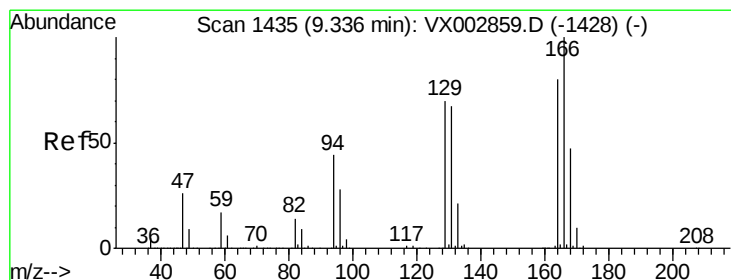
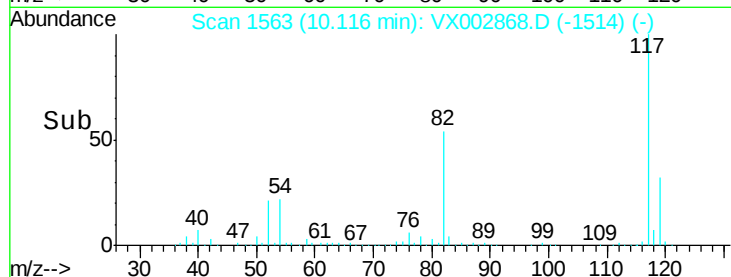
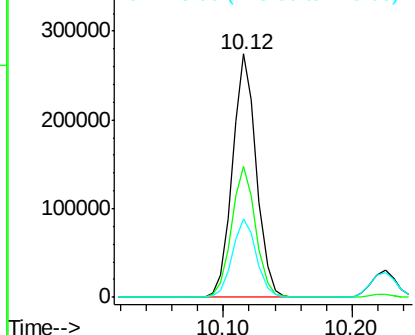
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 354933
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.0 25.8 38.6



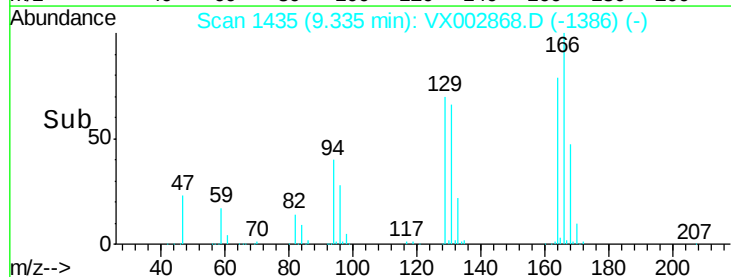
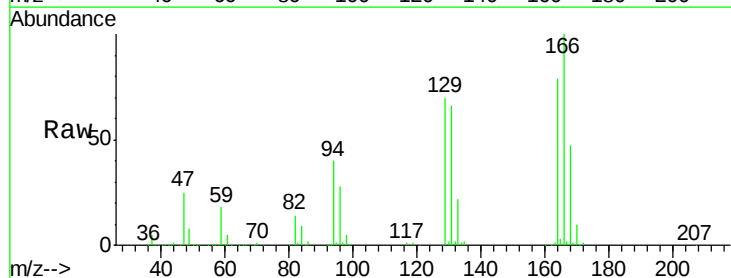
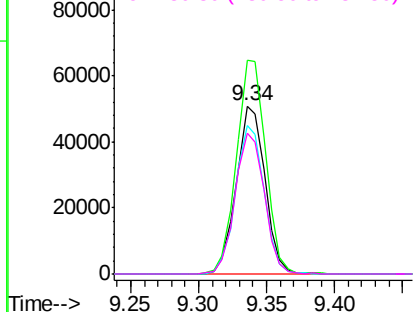
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

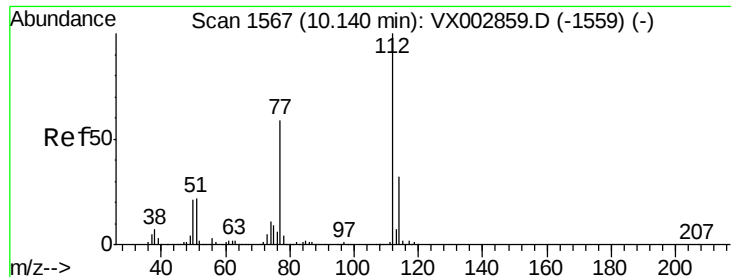


#64
Tetrachloroethene
Concen: 18.89 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:164 Resp: 74569
Ion Ratio Lower Upper
164 100
166 127.0 102.9 154.3
129 88.3 68.6 102.8
131 83.6 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: 18.89 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

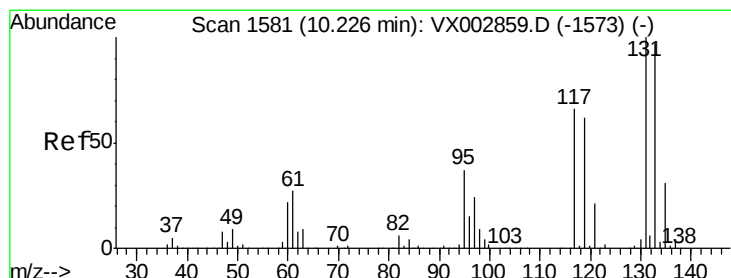
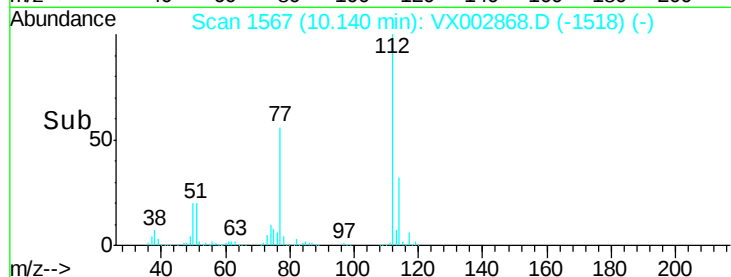
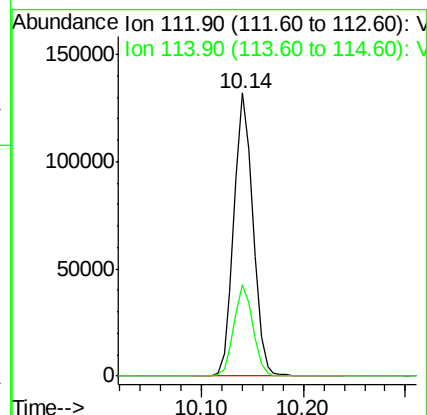
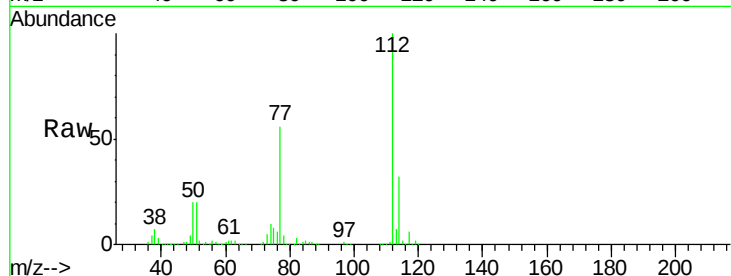
ClientSampled :

Tot Ion:112 Resp: 170301

Ion Ratio Lower Upper

112 100

114 32.5 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 18.96 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

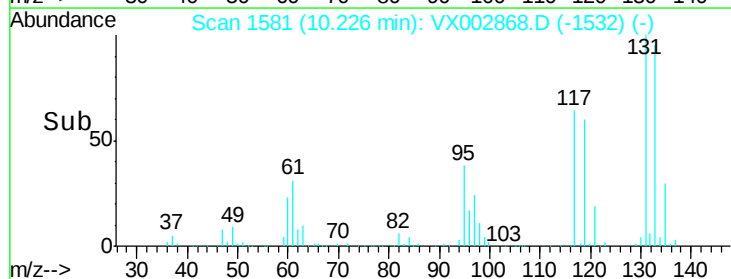
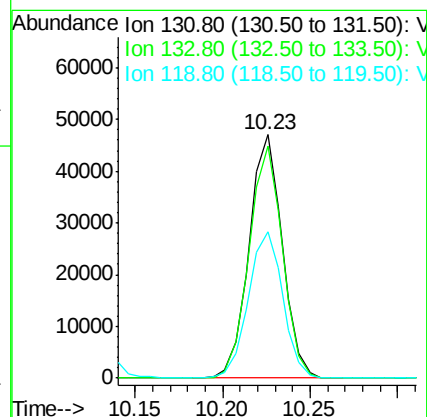
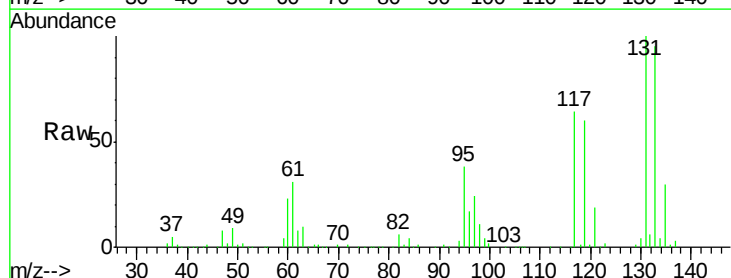
Tgt Ion:131 Resp: 62109

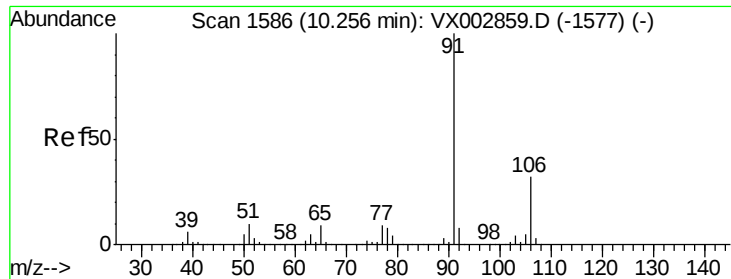
Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.6

119 62.5 31.8 95.3

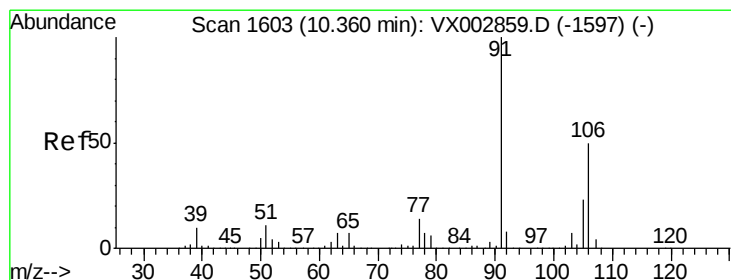
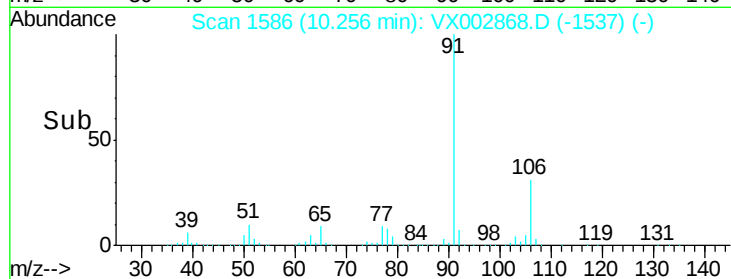
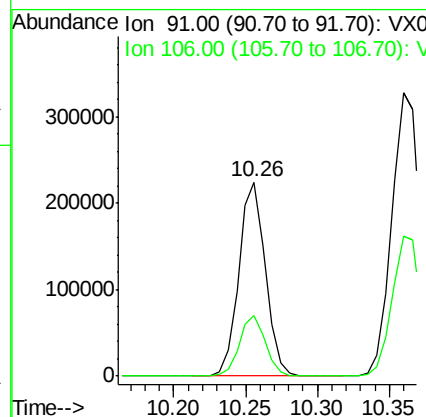
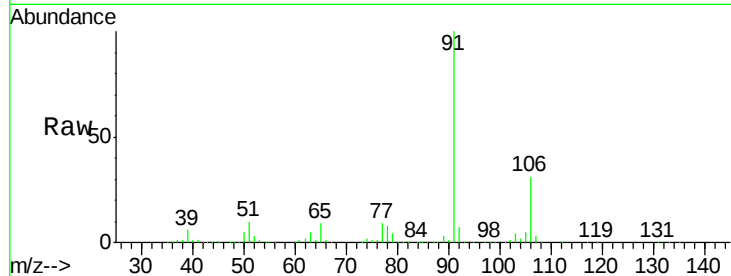




#67
Ethyl Benzene
Concen: 19.44 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

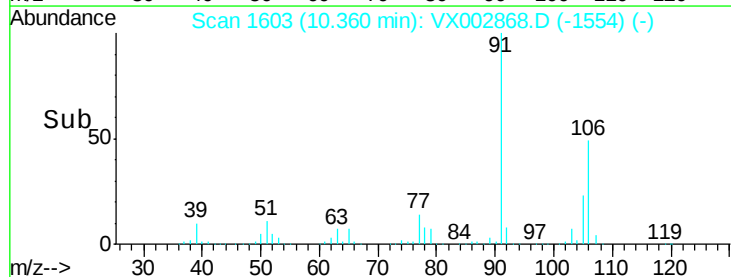
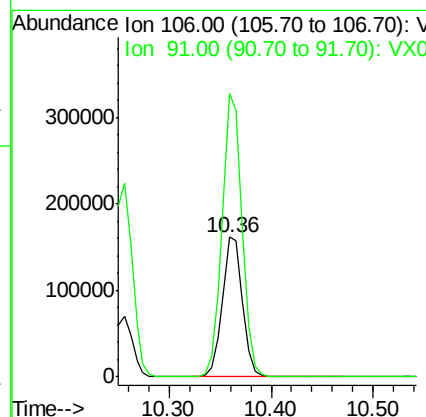
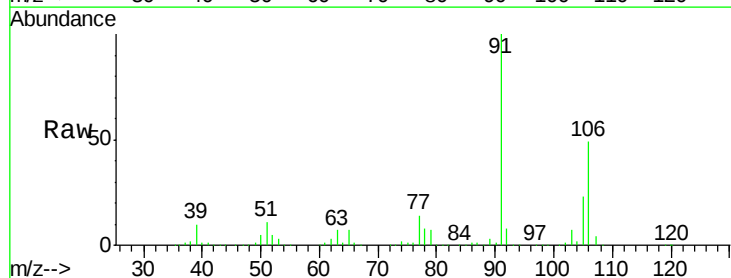
Instrument :
MSVOA_X
ClientSampled :

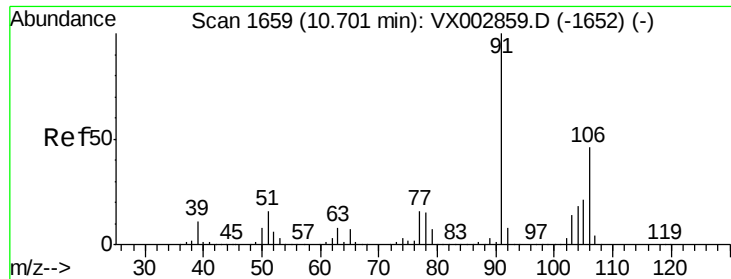
Tot Ion: 91 Resp: 289500
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 39.06 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 106 Resp: 224208
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2

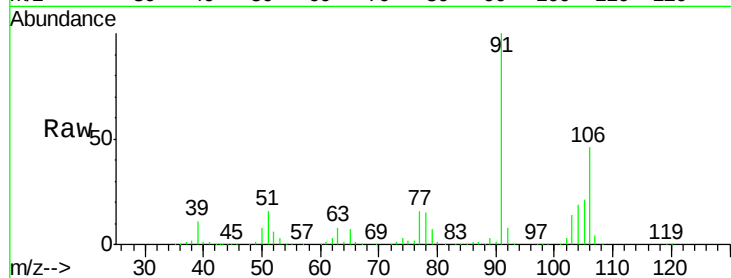




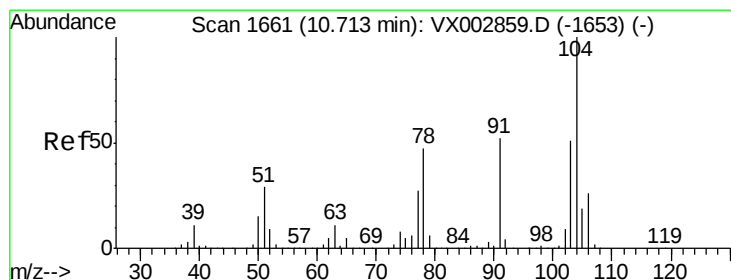
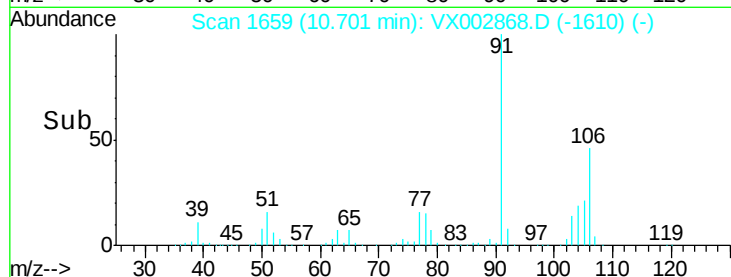
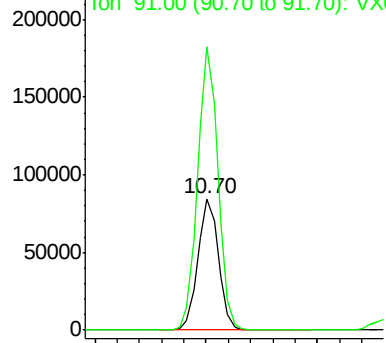
#69
o-Xylene
Concen: 19.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 108158
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6

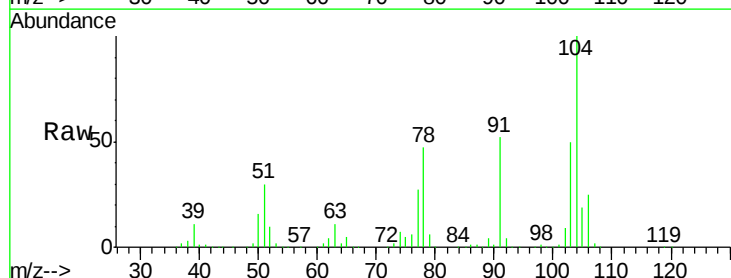


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

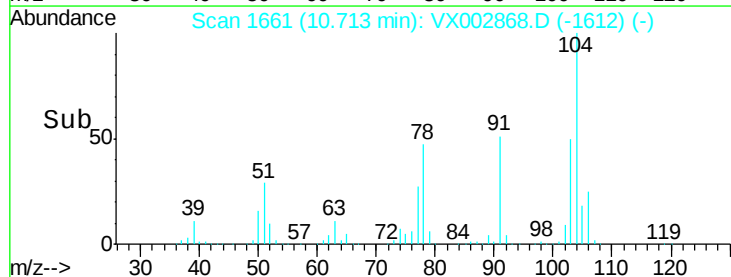
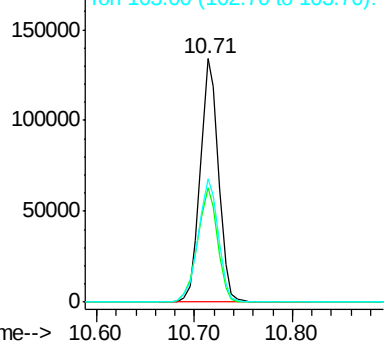


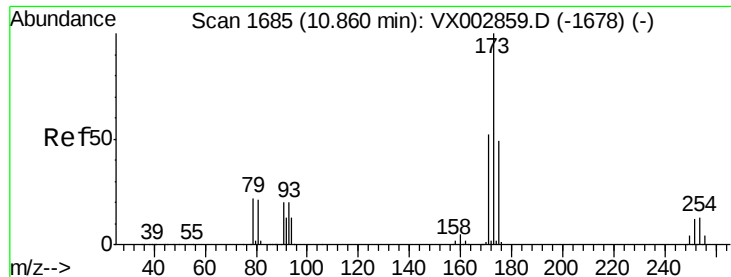
#70
Styrene
Concen: 19.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:104 Resp: 173938
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.8 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

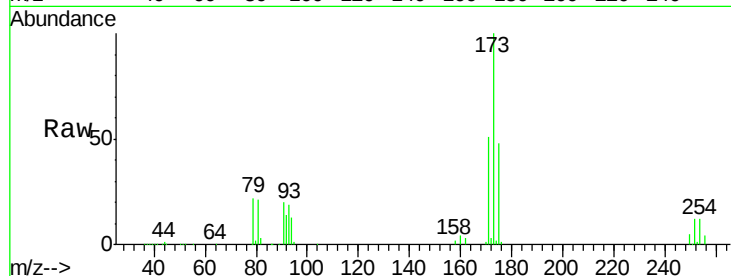




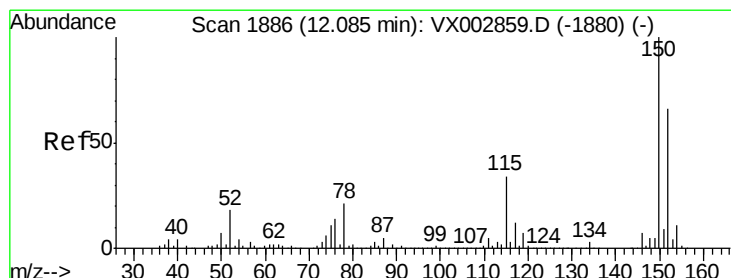
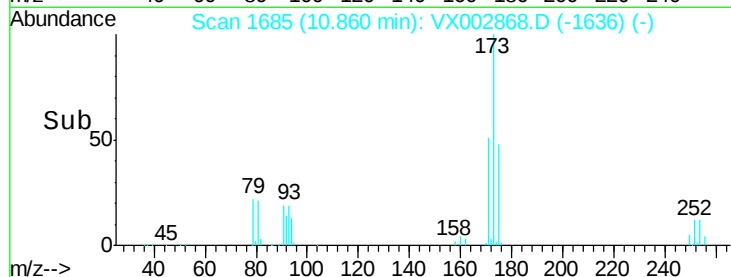
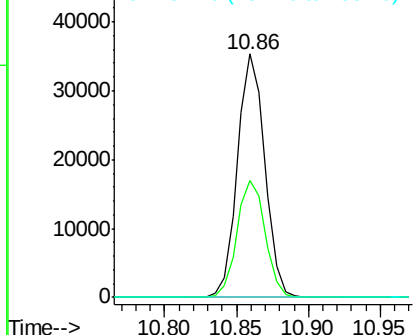
#71
Bromoform
Concen: 18.47 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 46751
Ion Ratio Lower Upper
173 100
175 49.3 24.7 74.1
254 0.0 0.2 0.2#

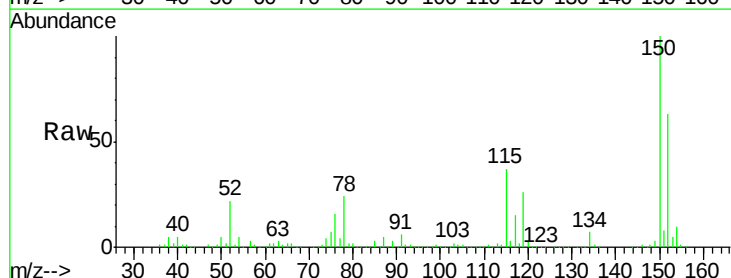


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

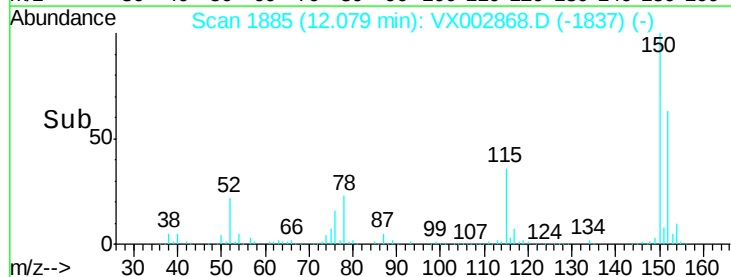
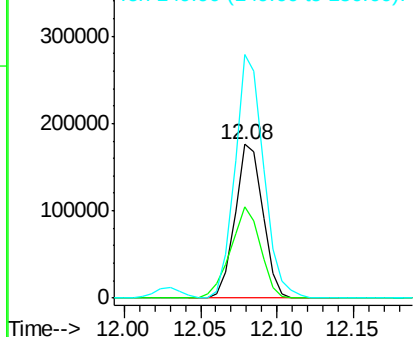


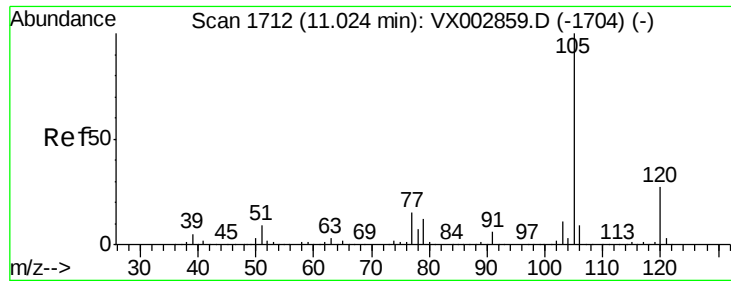
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:152 Resp: 221640
Ion Ratio Lower Upper
152 100
115 64.2 40.1 120.2
150 163.6 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.88 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

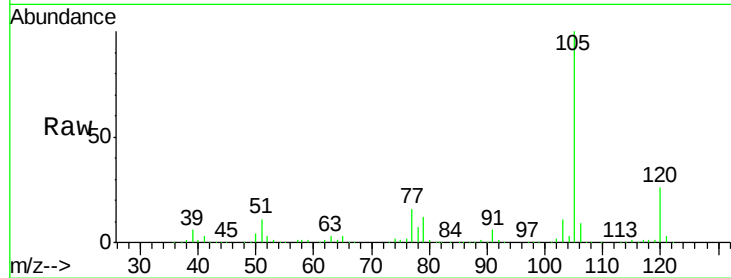
ClientSampleId :

Tot Ion:105 Resp: 296439

Ion Ratio Lower Upper

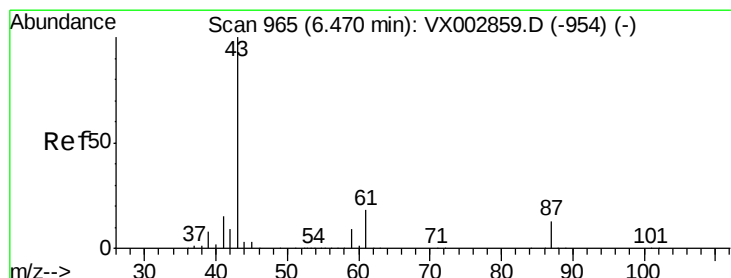
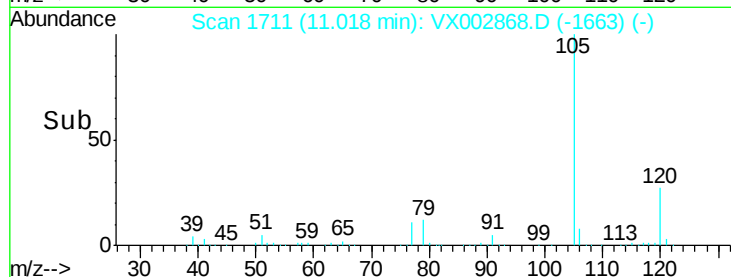
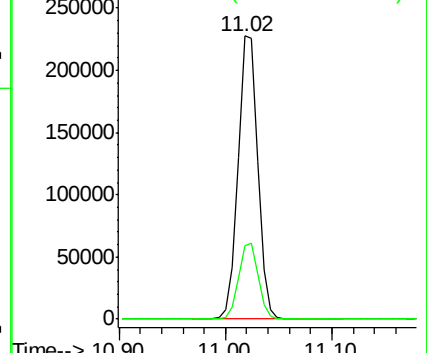
105 100

120 26.7 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: 18.90 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion: 43 Resp: 137918

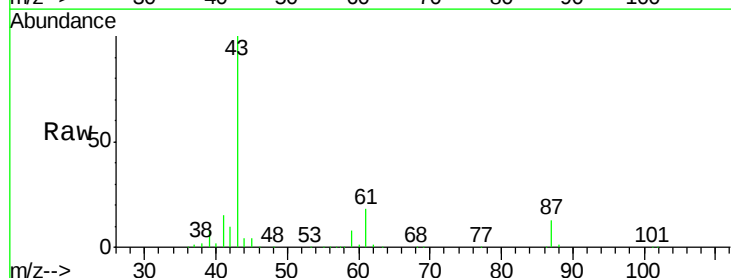
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

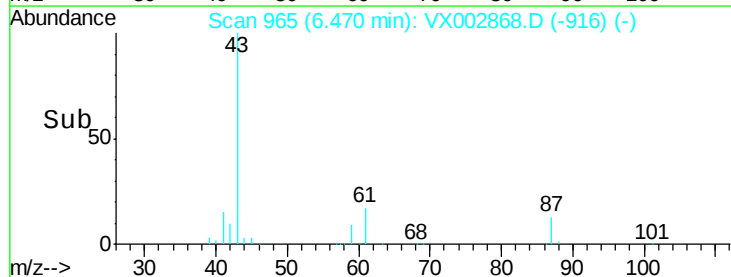
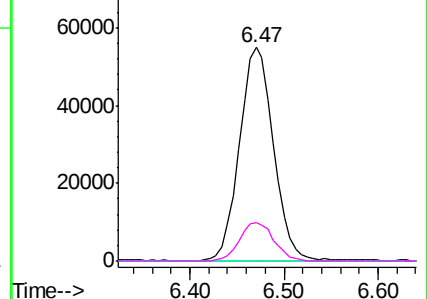


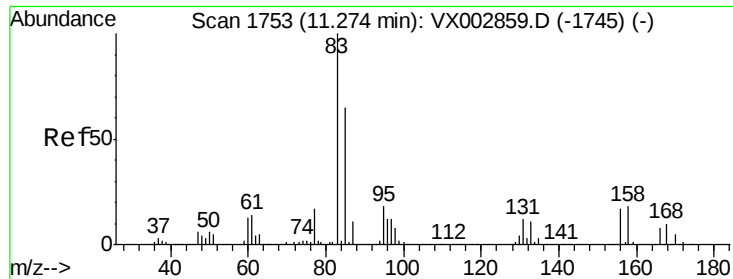
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.31 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

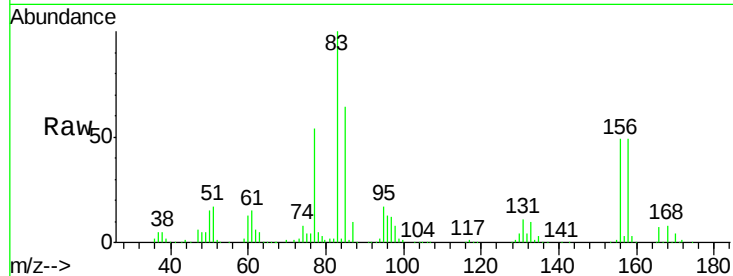
Tot Ion: 83 Resp: 88696

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

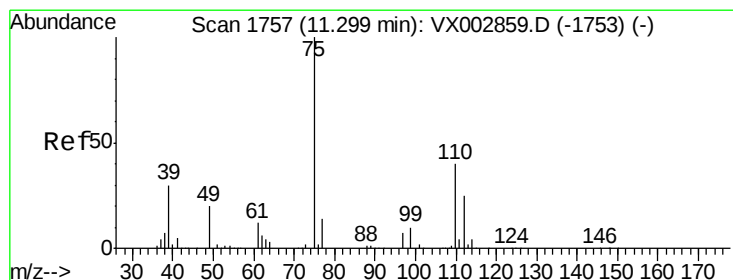
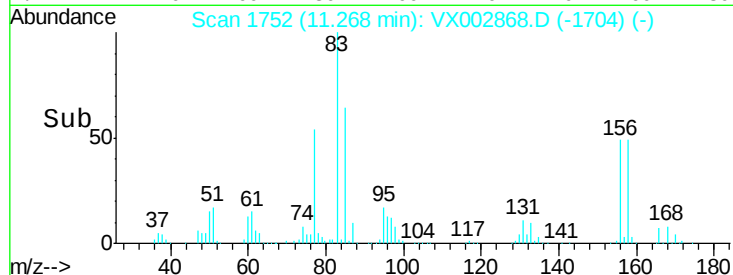
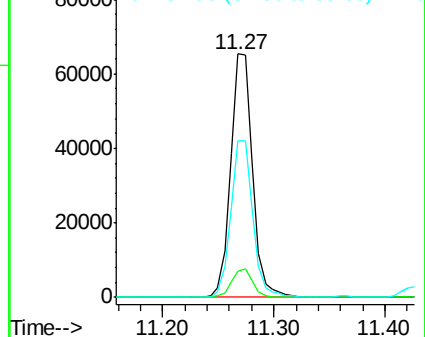
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.95 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002868.D

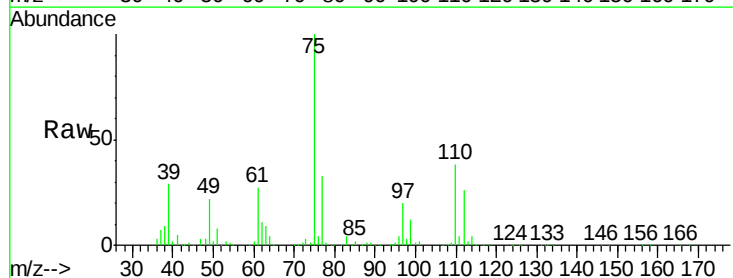
Acq: 25 Jun 2018 19:28

Tgt Ion: 75 Resp: 100174

Ion Ratio Lower Upper

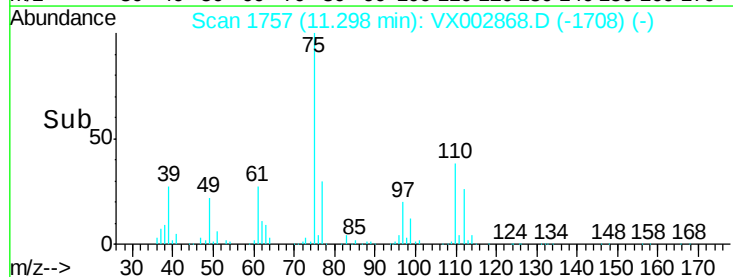
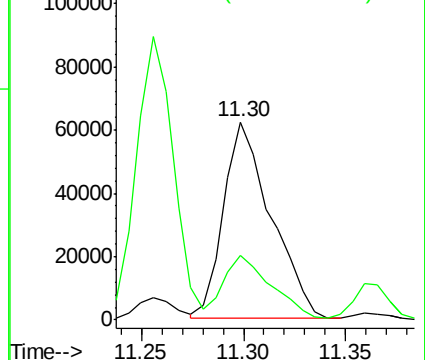
75 100

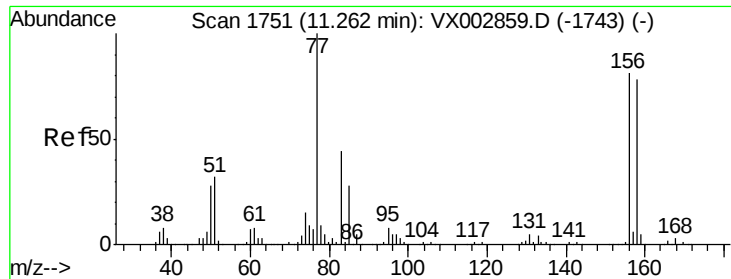
77 33.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.27 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

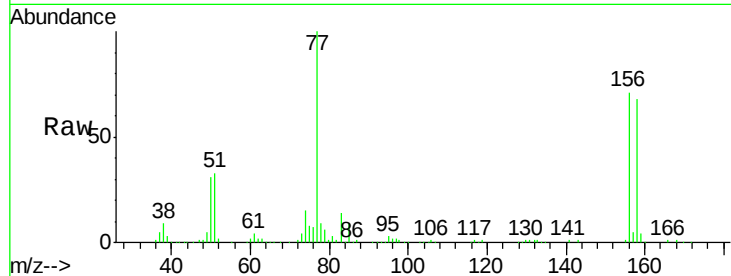
Tot Ion:156 Resp: 81840

Ion Ratio Lower Upper

156 100

77 139.0 71.4 214.2

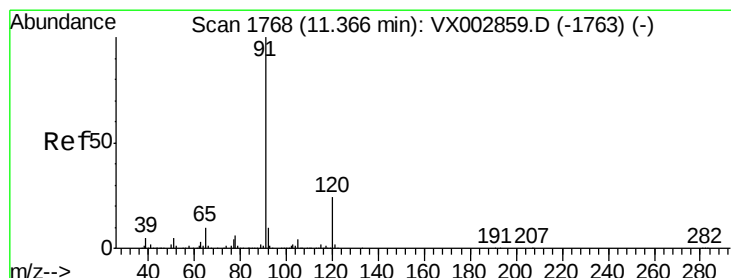
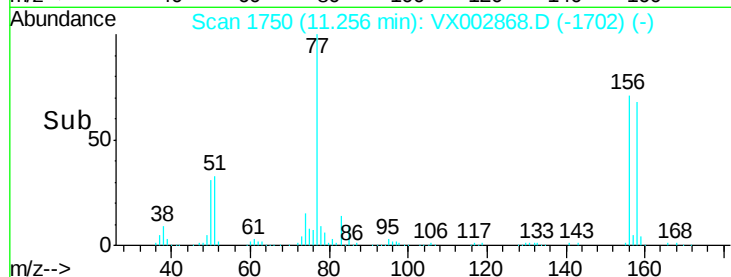
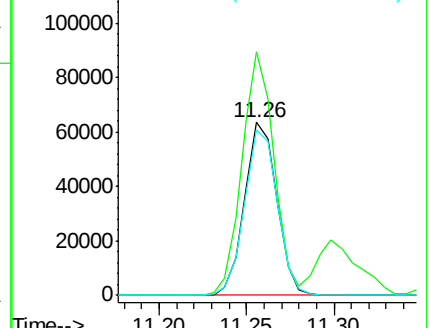
158 97.8 48.9 146.6



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: 19.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002868.D

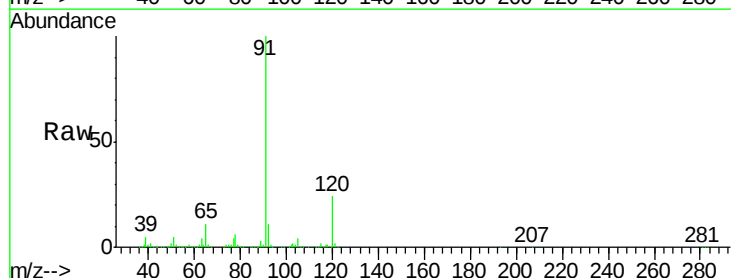
Acq: 25 Jun 2018 19:28

Tgt Ion: 91 Resp: 337291

Ion Ratio Lower Upper

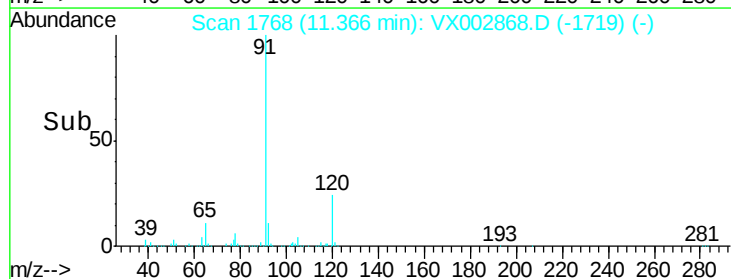
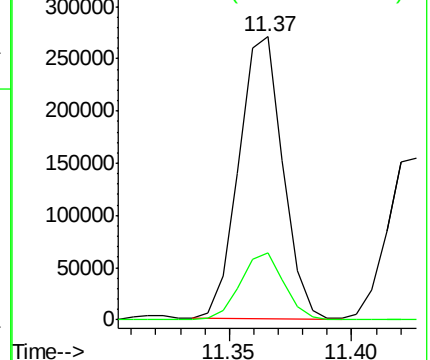
91 100

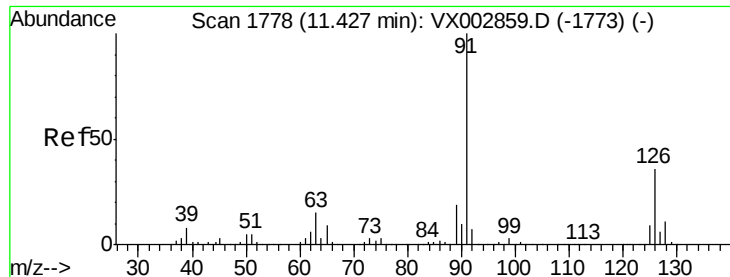
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.47 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

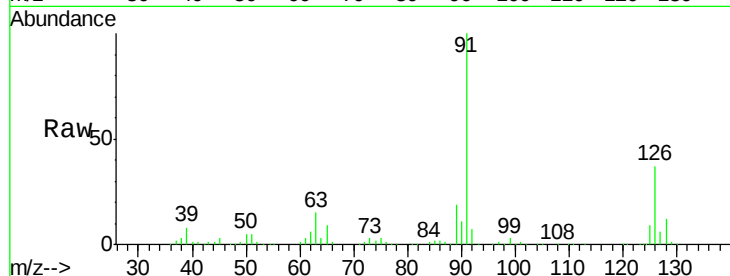
ClientSampled :

Tot Ion: 91 Resp: 200096

Ion Ratio Lower Upper

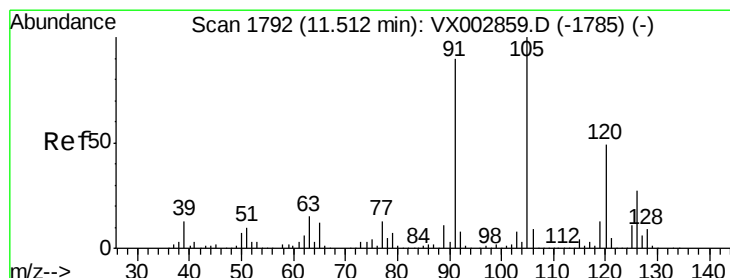
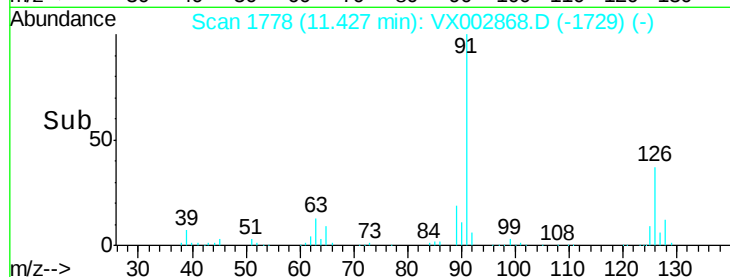
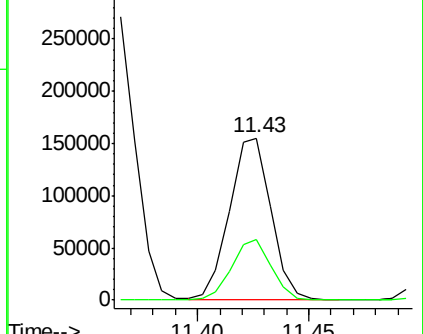
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002868.D

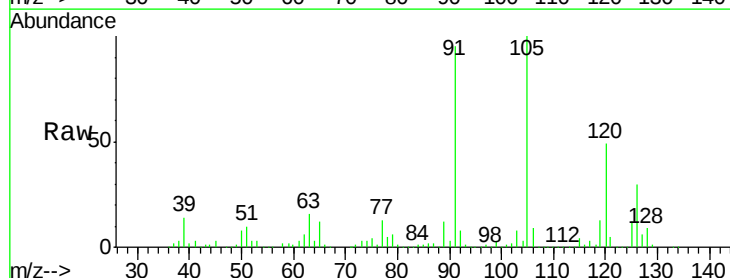
Acq: 25 Jun 2018 19:28

Tgt Ion:105 Resp: 249820

Ion Ratio Lower Upper

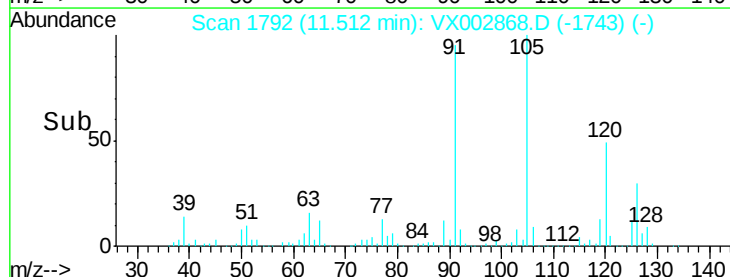
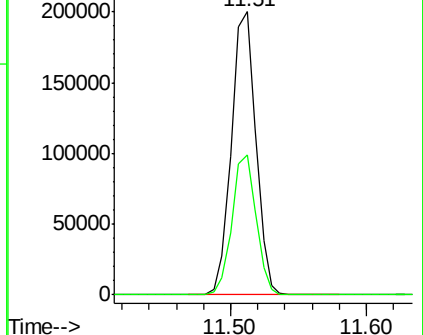
105 100

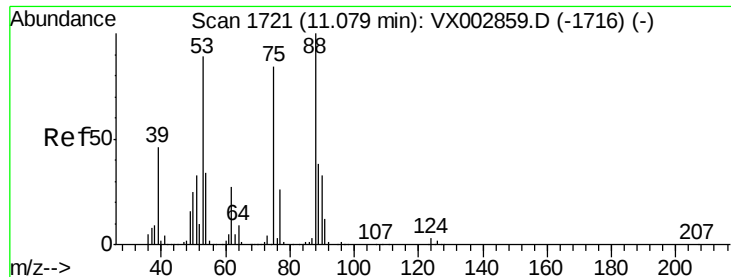
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.33 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

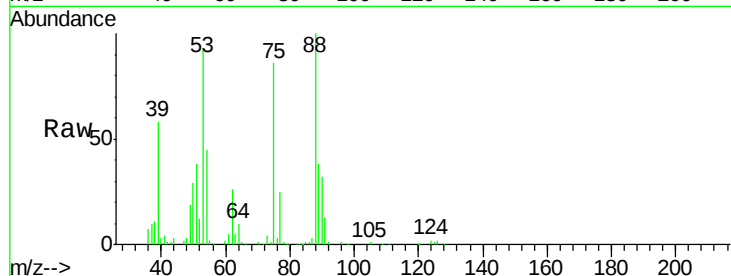
Tot Ion: 75 Resp: 22205

Ion Ratio Lower Upper

75 100

53 121.1 86.8 130.2

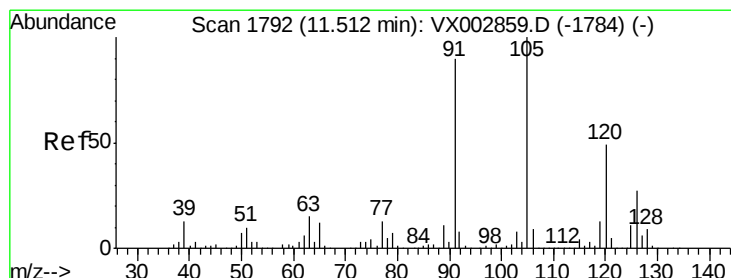
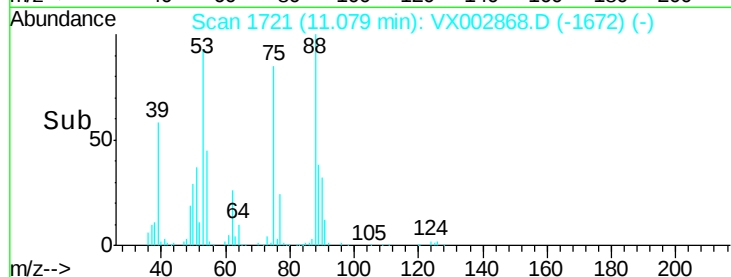
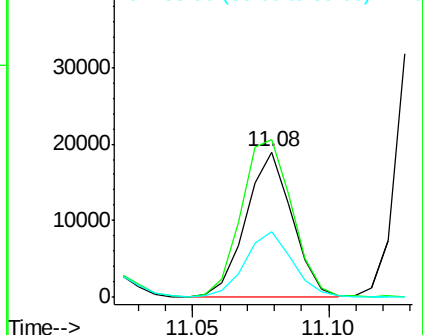
89 47.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002868.D

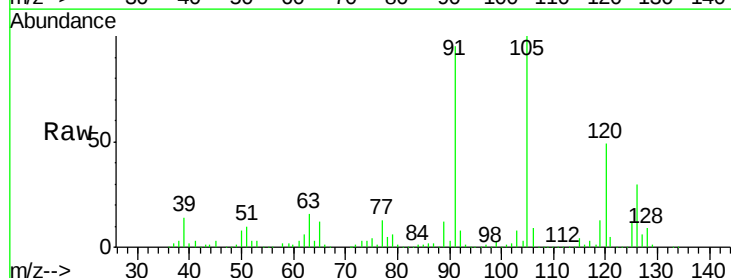
Acq: 25 Jun 2018 19:28

Tgt Ion: 91 Resp: 234975

Ion Ratio Lower Upper

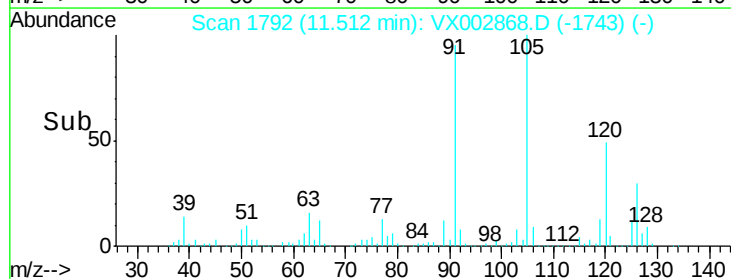
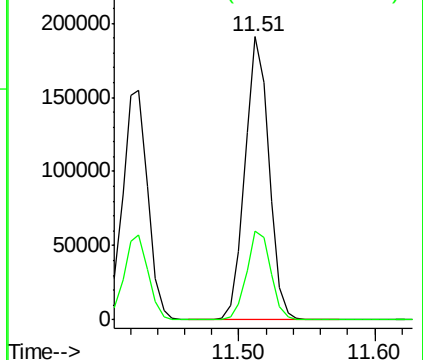
91 100

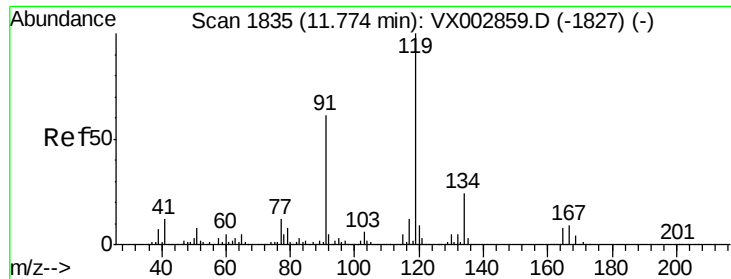
126 31.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

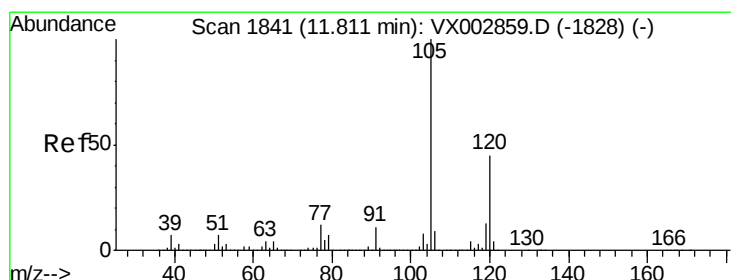
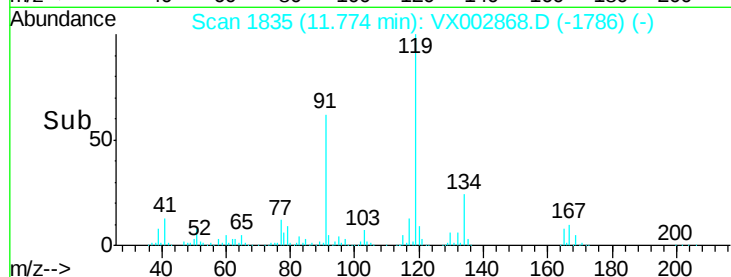
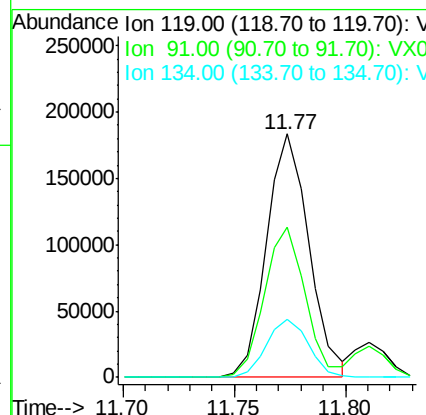
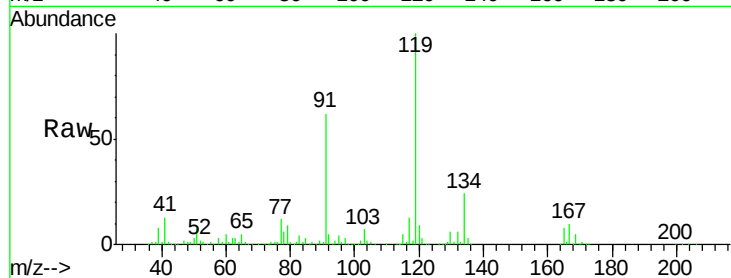




#83
tert-Butylbenzene
Concen: 19.59 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

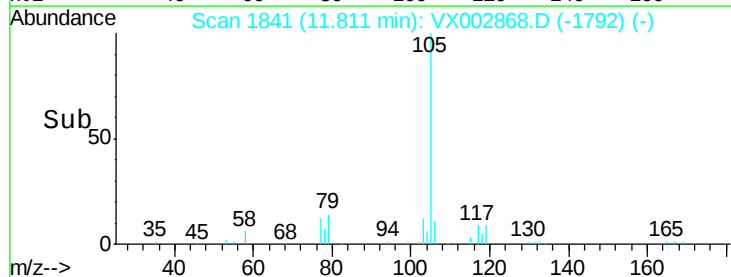
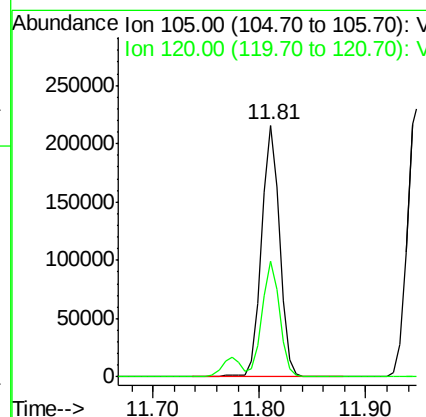
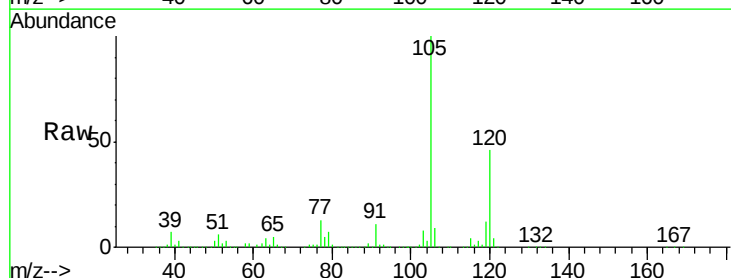
Instrument :
MSVOA_X
ClientSampled :

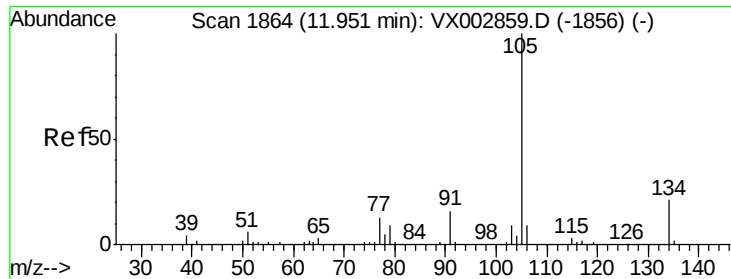
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.3	90.9
134	23.9	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.85 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 19.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

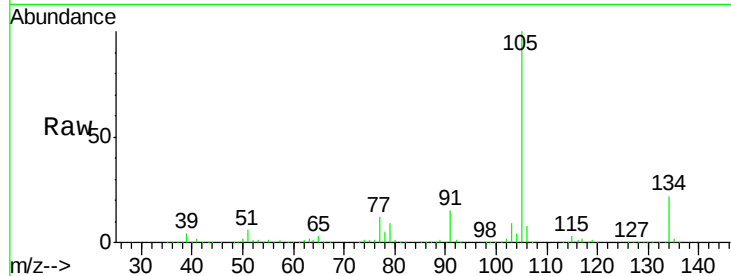
ClientSampled :

Tot Ion:105 Resp: 298840

Ion Ratio Lower Upper

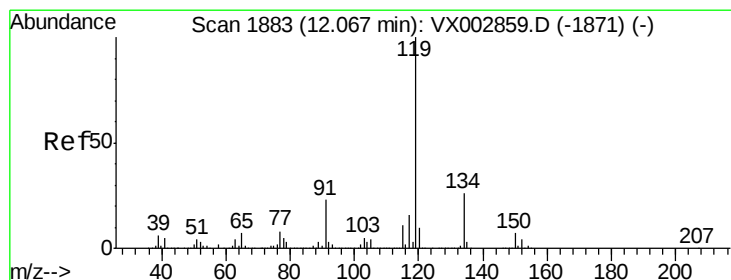
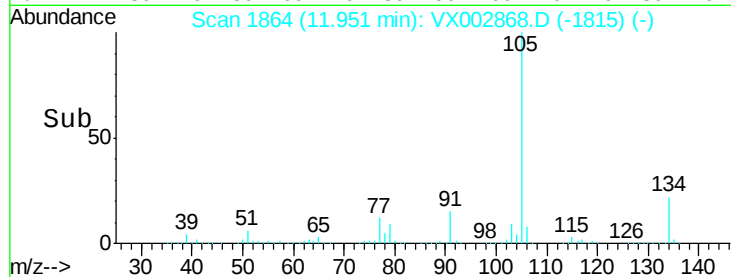
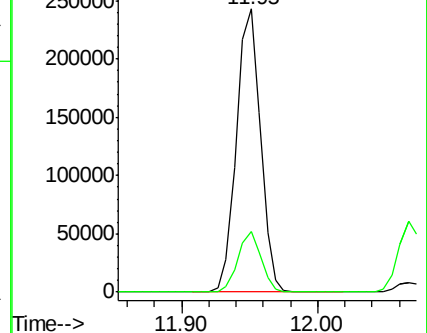
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

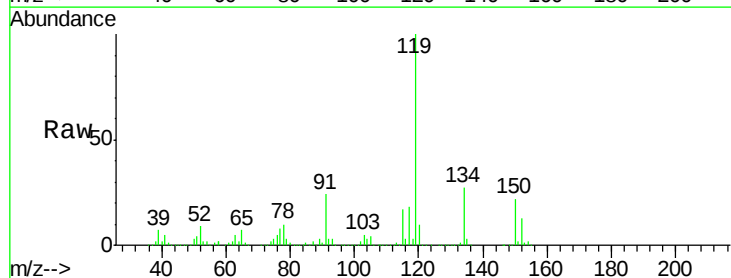
Tgt Ion:119 Resp: 268344

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

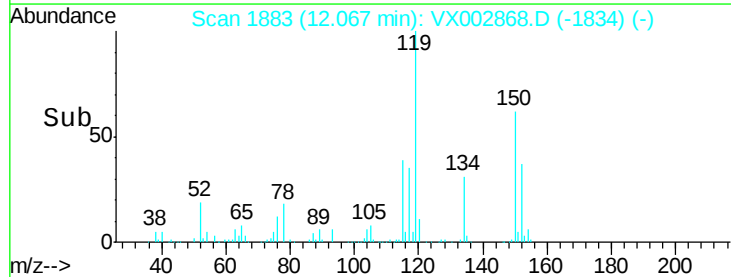
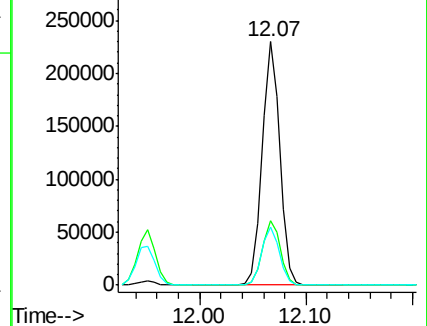
91 23.8 11.9 35.7

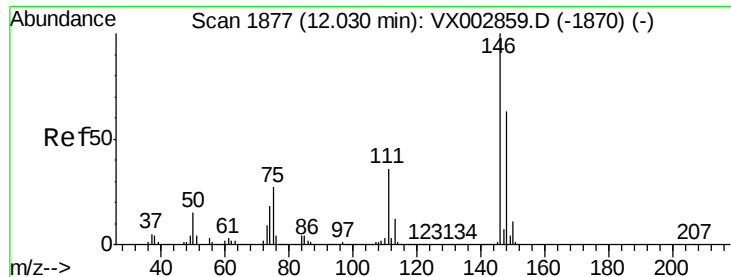


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.43 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

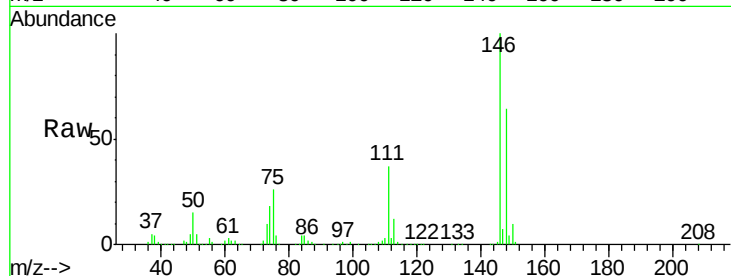
Tot Ion:146 Resp: 150699

Ion Ratio Lower Upper

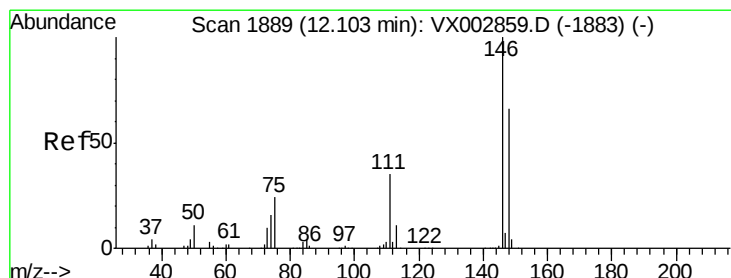
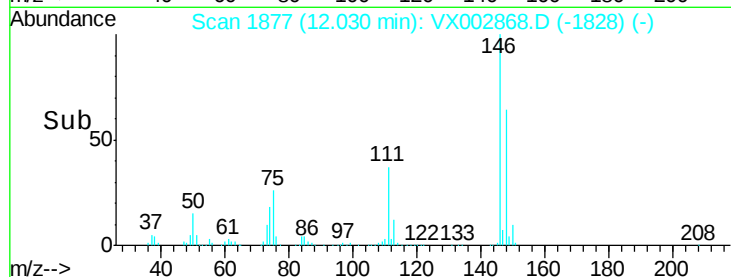
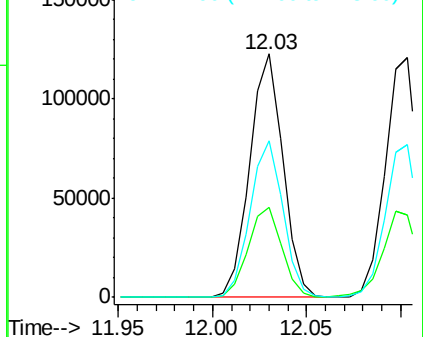
146 100

111 37.8 18.9 56.7

148 63.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.00 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

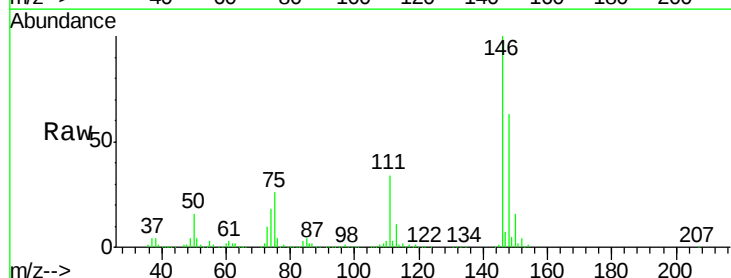
Tgt Ion:146 Resp: 151598

Ion Ratio Lower Upper

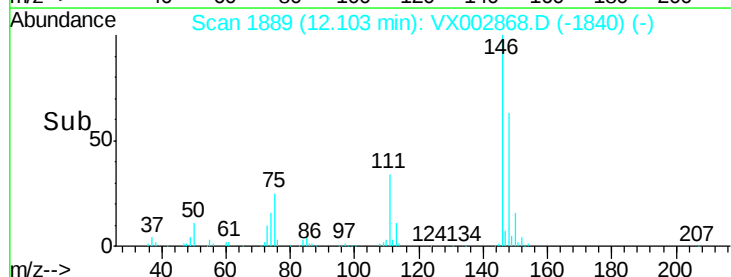
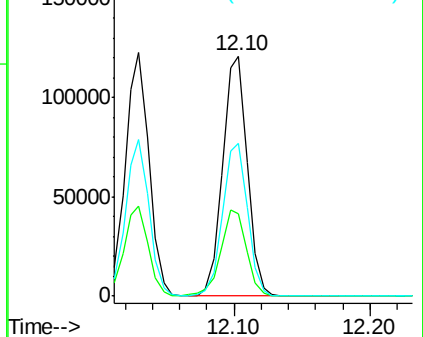
146 100

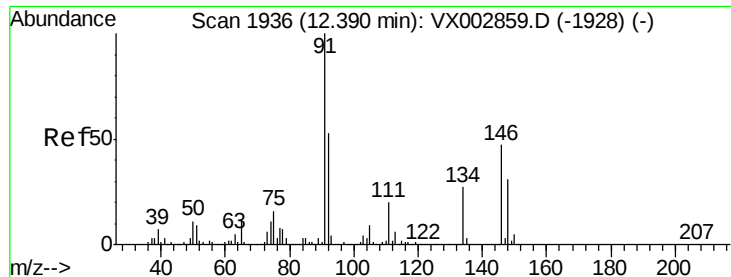
111 37.1 18.7 56.1

148 64.5 32.4 97.0



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





#89

n-Butylbenzene

Concen: 19.28 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

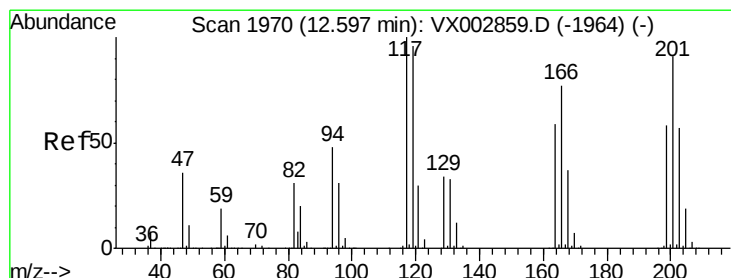
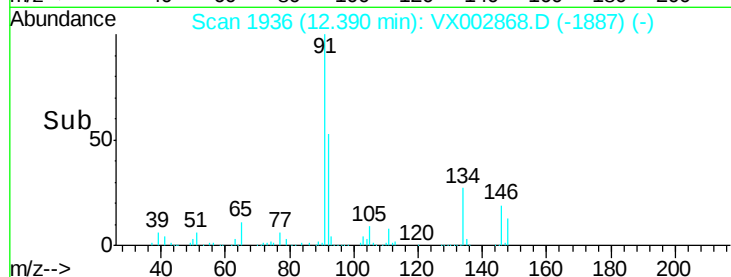
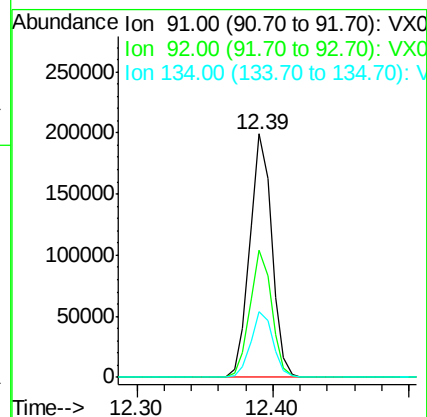
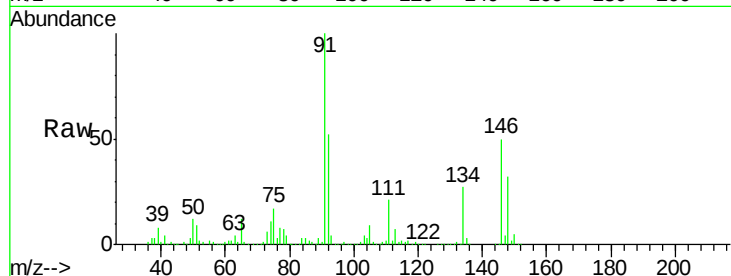
Tot Ion: 91 Resp: 226488

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 19.29 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002868.D

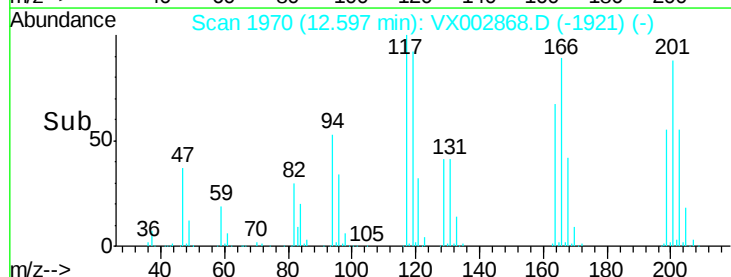
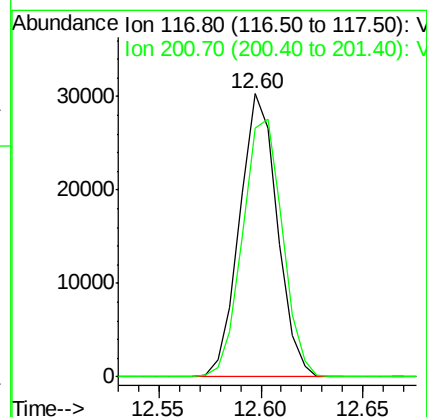
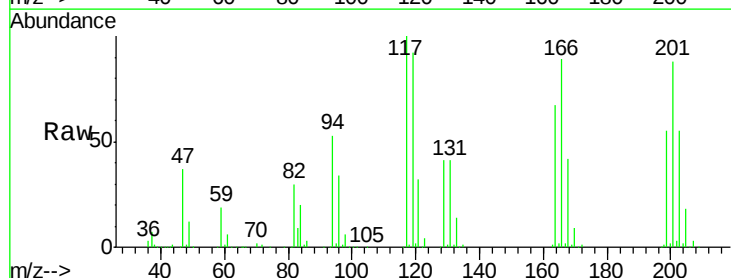
Acq: 25 Jun 2018 19:28

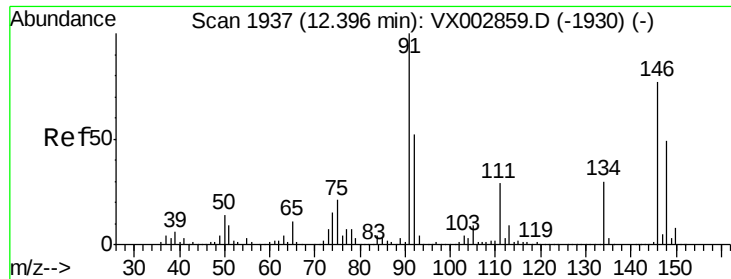
Tgt Ion: 117 Resp: 38732

Ion Ratio Lower Upper

117 100

201 96.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.16 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

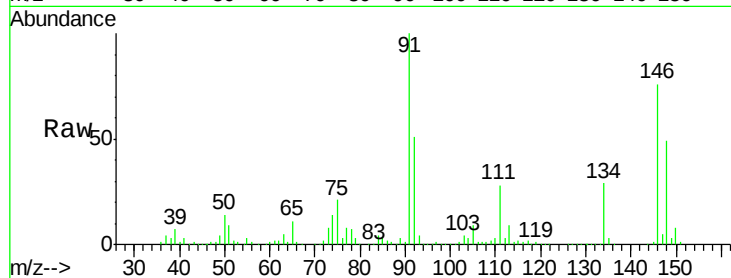
Tot Ion:146 Resp: 149965

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

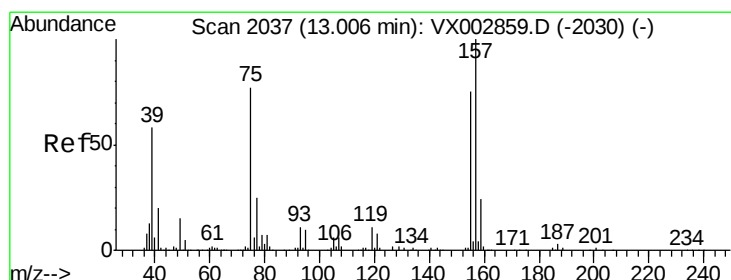
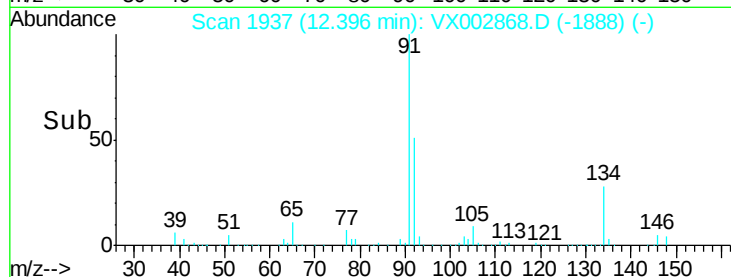
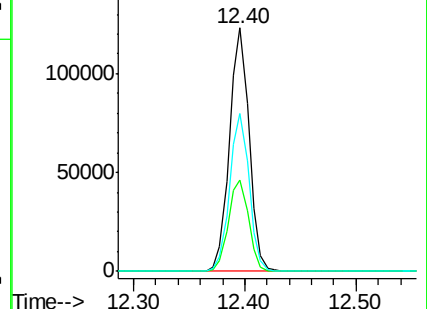
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.90 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

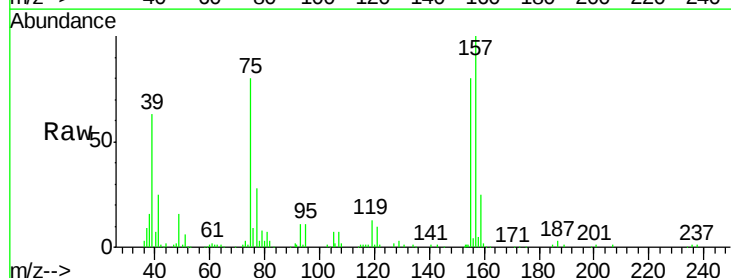
Tgt Ion: 75 Resp: 19512

Ion Ratio Lower Upper

75 100

155 93.3 45.8 137.4

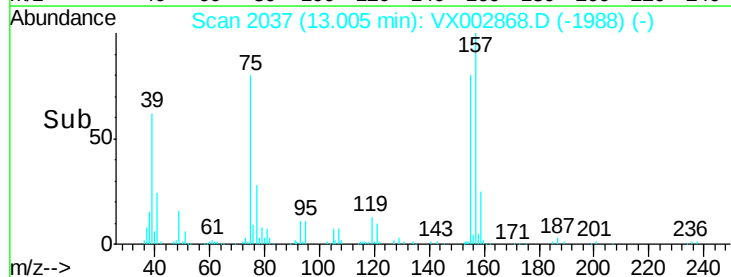
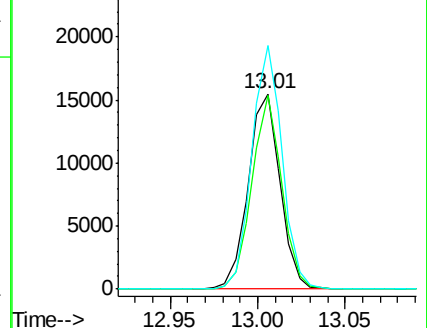
157 118.5 60.1 180.3

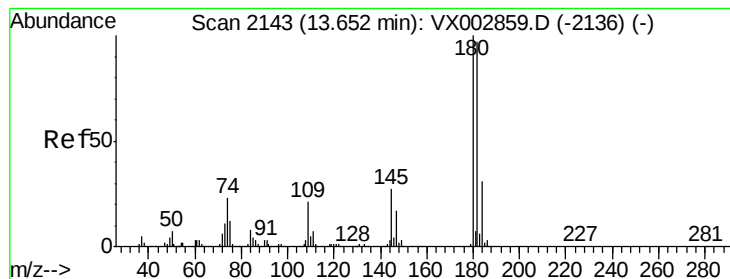


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.20 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

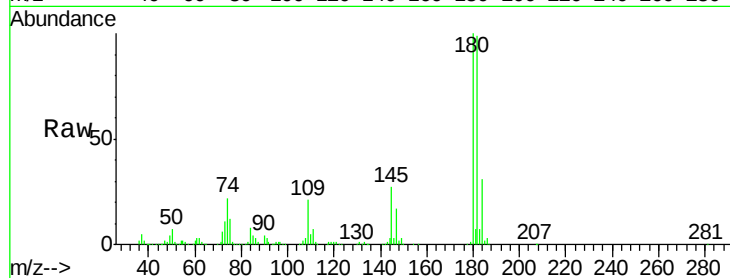
Tot Ion:180 Resp: 109370

Ion Ratio Lower Upper

180 100

182 96.9 47.7 143.1

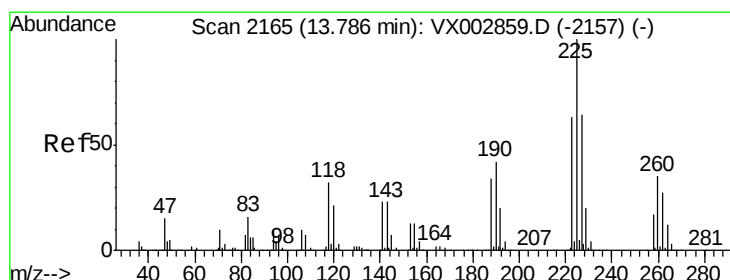
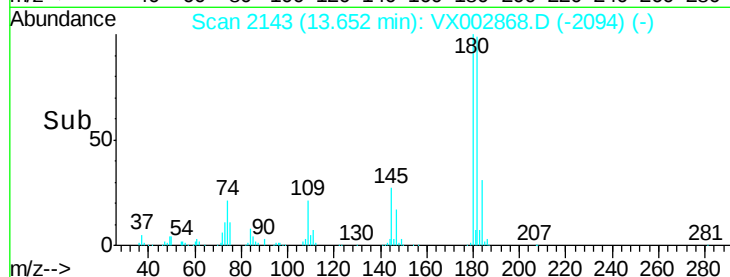
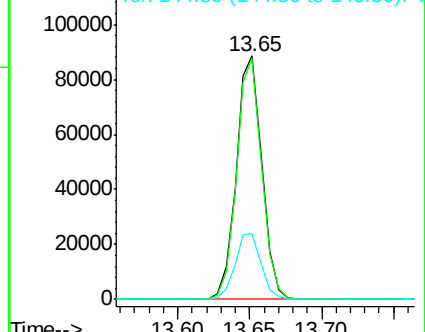
145 27.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.50 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

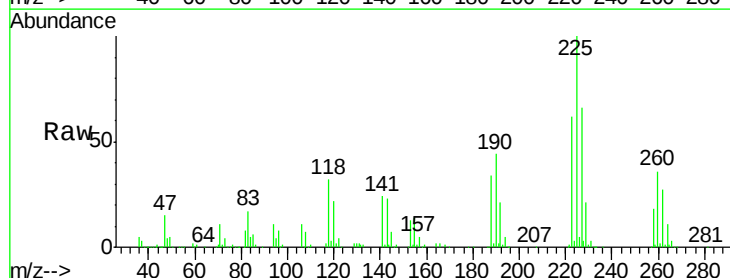
Tgt Ion:225 Resp: 55402

Ion Ratio Lower Upper

225 100

223 61.9 31.6 95.0

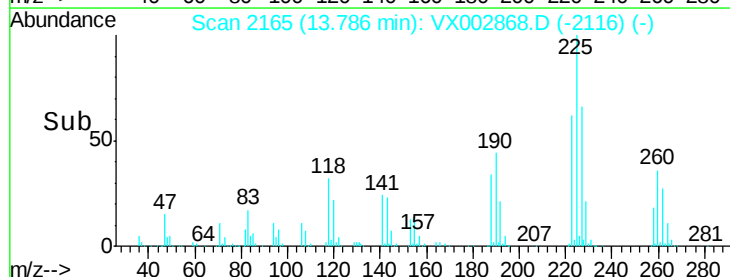
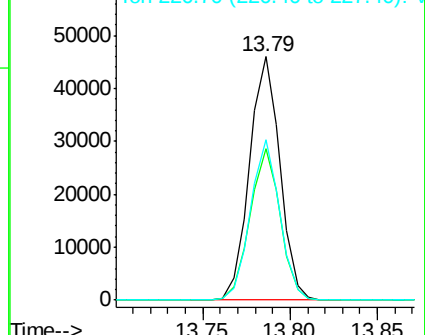
227 63.3 32.4 97.2

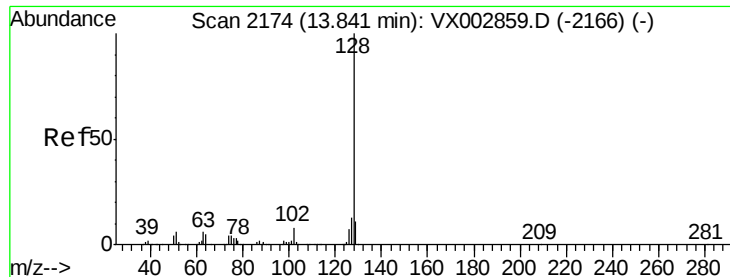


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

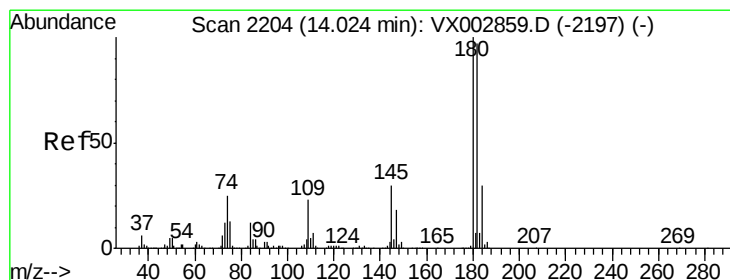
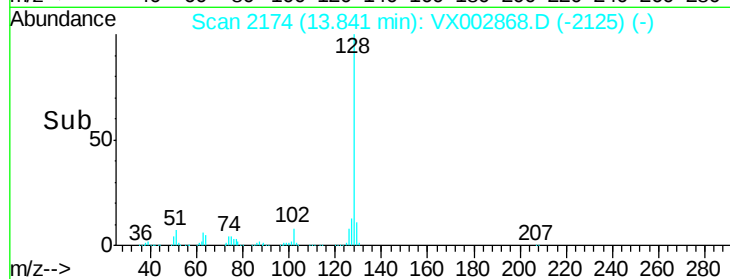
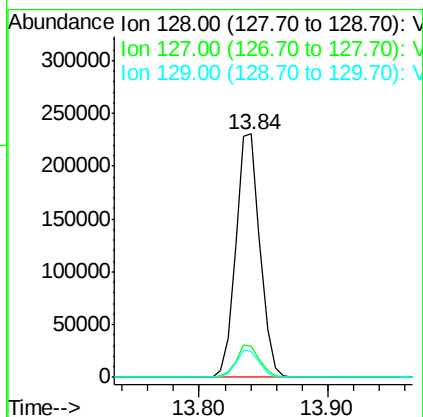
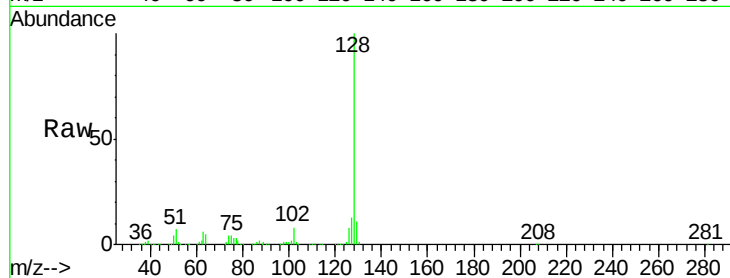




#95
Naphthalene
Concen: 19.71 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 299078
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.58 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:180 Resp: 111389
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 29.2 14.8 44.3

