

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
 Data File : VX002859.D
 Acq On : 25 Jun 2018 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 25 12:42:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182196	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	5.51	113	145710	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.72	98	539302	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	207385	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	119870	41.095	ug/l	99
3) Chloromethane	1.32	50	126819	36.549	ug/l	100
4) Vinyl Chloride	1.40	62	140106	38.912	ug/l	97
5) Bromomethane	1.64	94	68597	31.575	ug/l	99
6) Chloroethane	1.72	64	92219	38.859	ug/l	97
7) Trichlorofluoromethane	1.93	101	250713	42.858	ug/l	100
8) Diethyl Ether	2.19	74	90154	40.519	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140528	42.976	ug/l	99
10) Methyl Iodide	2.51	142	135608	33.677	ug/l	99
11) Tert butyl alcohol	3.08	59	182900	211.896	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125198	40.779	ug/l	97
13) Acrolein	2.29	56	99418	227.138	ug/l	99
14) Allyl chloride	2.73	41	253235	41.543	ug/l	99
15) Acrylonitrile	3.15	53	389057	206.556	ug/l	100
16) Acetone	2.45	43	379170	205.833	ug/l	100
17) Carbon Disulfide	2.57	76	329186	45.208	ug/l	100
18) Methyl Acetate	2.78	43	223797	45.602	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	468909	40.714	ug/l	99
20) Methylene Chloride	2.86	84	143434	37.975	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	136814	41.077	ug/l	97
22) Diisopropyl ether	3.87	45	489507	44.385	ug/l	96
23) Vinyl Acetate	3.83	43	2075517	224.851	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262850	43.912	ug/l	99
25) 2-Butanone	4.71	43	567127	234.428	ug/l	98
26) 2,2-Dichloropropane	4.59	77	216394	50.312	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	156308	46.124	ug/l	100
28) Bromochloromethane	5.03	49	132280	47.188	ug/l	95
29) Tetrahydrofuran	5.17	42	360053	227.092	ug/l	98
30) Chloroform	5.22	83	273076	47.309	ug/l	96
31) Cyclohexane	5.58	56	227895	46.241	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	244153	50.574	ug/l	99
36) 1,1-Dichloropropene	5.80	75	196903	49.303	ug/l	99
37) Ethyl Acetate	4.87	43	215475	47.668	ug/l	100
38) Carbon Tetrachloride	5.79	117	220457	55.434	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232888	49.881	ug/l	98
40) Benzene	6.15	78	585432	48.887	ug/l	99
41) Methacrylonitrile	5.07	41	126047	49.386	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232277	50.099	ug/l	100
43) Isopropyl Acetate	6.47	43	360395	48.121	ug/l	99
44) Trichloroethene	7.21	130	169940	49.166	ug/l	98
45) 1,2-Dichloropropane	7.52	63	149138	47.320	ug/l	99
46) Dibromomethane	7.67	93	107983	51.219	ug/l	98
47) Bromodichloromethane	7.90	83	204332	54.951	ug/l	98
48) Methyl methacrylate	7.78	41	193221	50.485	ug/l	98
49) 1,4-Dioxane	7.76	88	73614	1015.668	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1174075	244.154	ug/l	99
52) Toluene	8.79	92	380424	49.800	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	239185	54.668	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	226732	55.944	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154126	49.932	ug/l	98
56) Ethyl methacrylate	9.18	69	231438	48.722	ug/l	98
57) 1,3-Dichloropropane	9.38	76	253457	48.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	571561	248.773	ug/l	98
59) 2-Hexanone	9.50	43	904212	249.535	ug/l	98
60) Dibromochloromethane	9.59	129	171683	57.620	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163991	51.298	ug/l	100
64) Tetrachloroethene	9.34	164	194615	48.159	ug/l	98
65) Chlorobenzene	10.14	112	439077	49.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165167	54.188	ug/l	99
67) Ethyl Benzene	10.26	91	754201	50.014	ug/l	100
68) m/p-Xylenes	10.36	106	586533	100.832	ug/l	99
69) o-Xylene	10.70	106	285385	49.935	ug/l	99
70) Styrene	10.71	104	472264	50.247	ug/l	99
71) Bromoform	10.86	173	134992	58.932	ug/l #	99
73) Isopropylbenzene	11.02	105	779052	49.707	ug/l	100
74) N-amyl acetate	6.47	43	360395	46.281	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228351	49.337	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	274121	61.990	ug/l	79
77) Bromobenzene	11.26	156	215725	49.406	ug/l	97
78) n-propylbenzene	11.37	91	894616	49.771	ug/l	100
79) 2-Chlorotoluene	11.43	91	527434	49.147	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	665130	50.216	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66068	56.524	ug/l	100
82) 4-Chlorotoluene	11.51	91	630540	49.794	ug/l	100
83) tert-Butylbenzene	11.77	119	649153	50.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	683552	50.576	ug/l	99
85) sec-Butylbenzene	11.95	105	790107	49.799	ug/l	99
86) p-Isopropyltoluene	12.07	119	724472	50.466	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	397480	49.639	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399524	49.036	ug/l	99
89) n-Butylbenzene	12.39	91	621305	49.060	ug/l	99
90) Hexachloroethane	12.60	117	107558	54.284	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	399310	49.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54821	56.547	ug/l	99

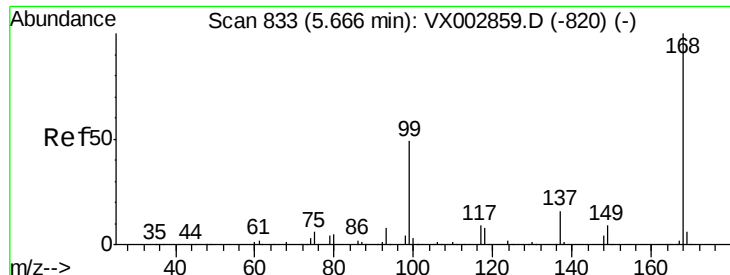
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296105	50.623	ug/l	99
94) Hexachlorobutadiene	13.79	225	148238	48.111	ug/l	100
95) Naphthalene	13.84	128	817259	51.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299229	50.936	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

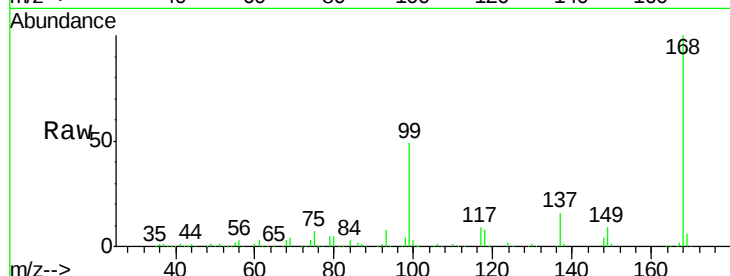
VSTDICCC050

Tgt Ion:168 Resp: 274763

Ion Ratio Lower Upper

168 100

99 48.5 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

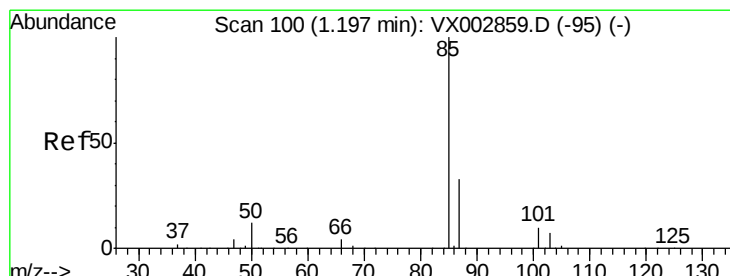
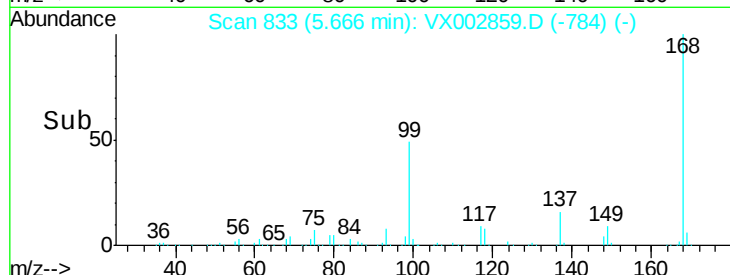
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.095 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002859.D

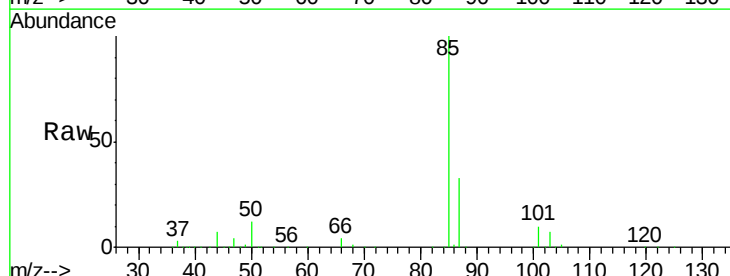
Acq: 25 Jun 2018 12:14

Tgt Ion: 85 Resp: 119870

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

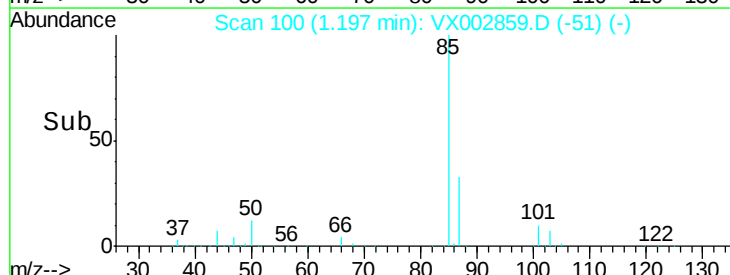
1.20

100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 36.549 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

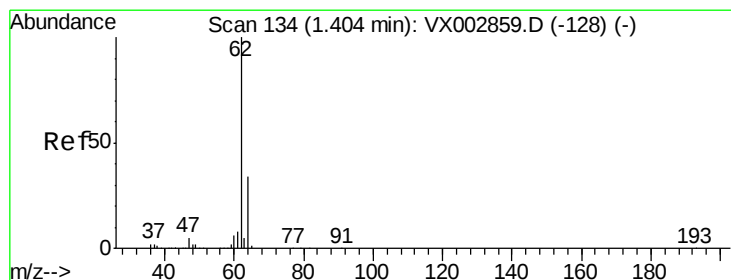
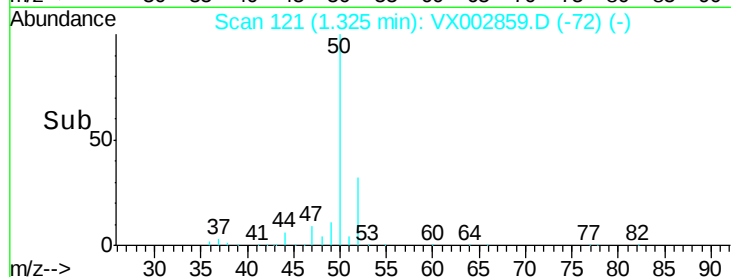
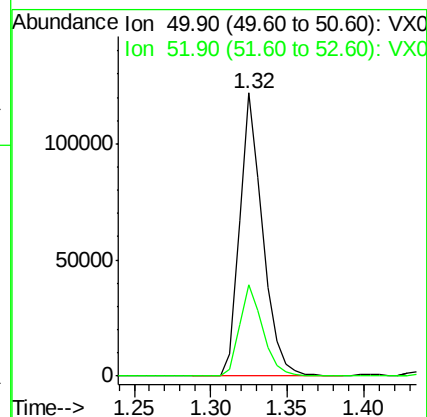
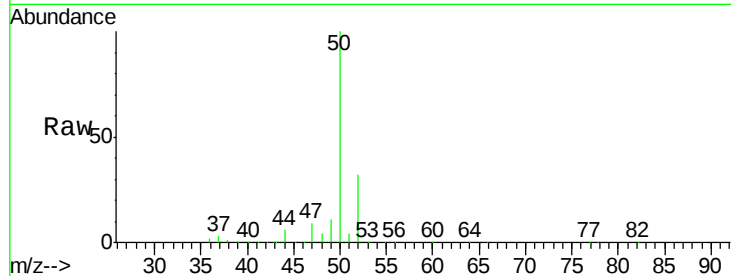
VSTDICCC050

Tgt Ion: 50 Resp: 126819

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



#4

Vinyl Chloride

Concen: 38.912 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002859.D

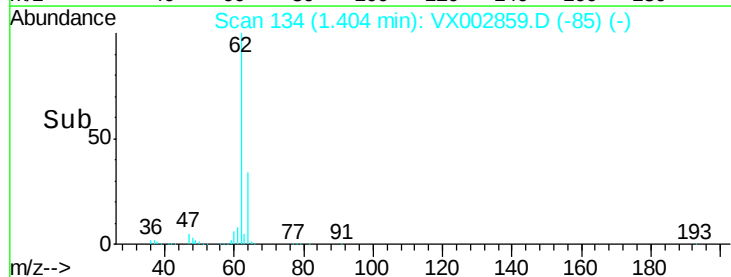
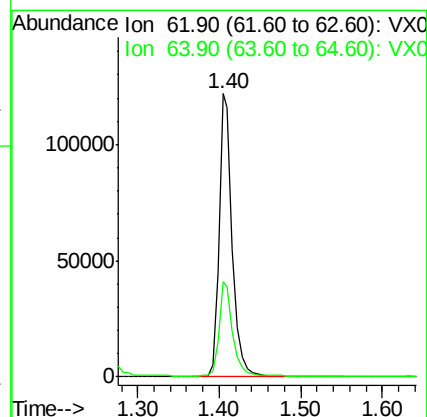
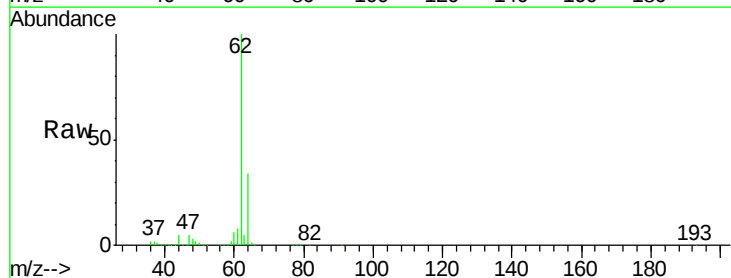
Acq: 25 Jun 2018 12:14

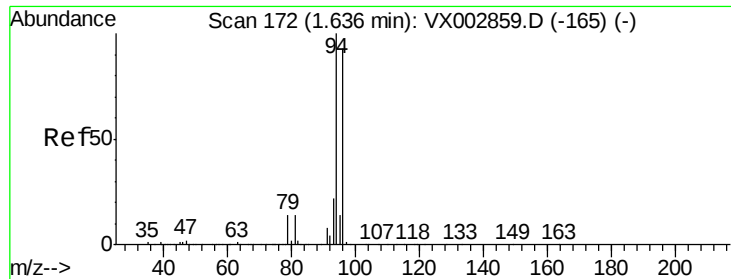
Tgt Ion: 62 Resp: 140106

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.2





#5

Bromomethane

Concen: 31.575 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

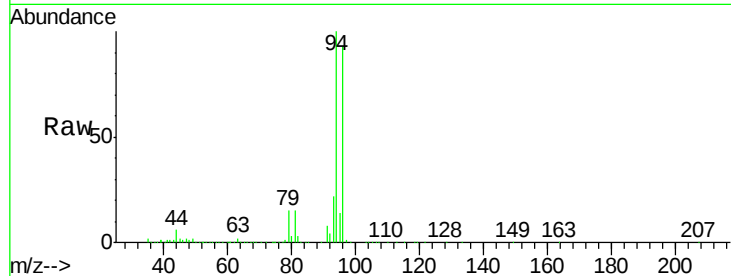
VSTDICCC050

Tgt Ion: 94 Resp: 68597

Ion Ratio Lower Upper

94 100

96 92.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

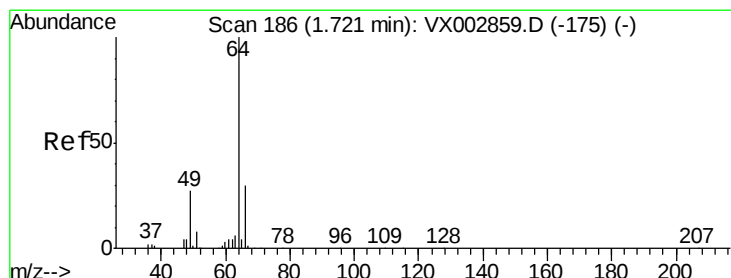
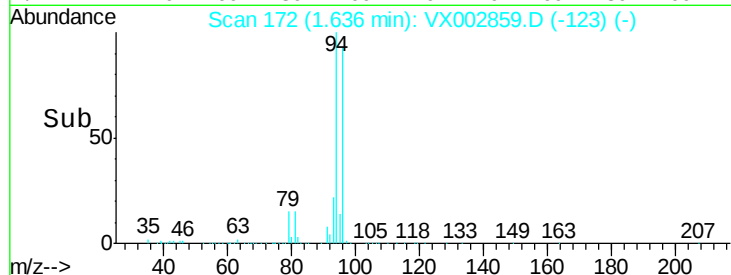
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 38.859 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002859.D

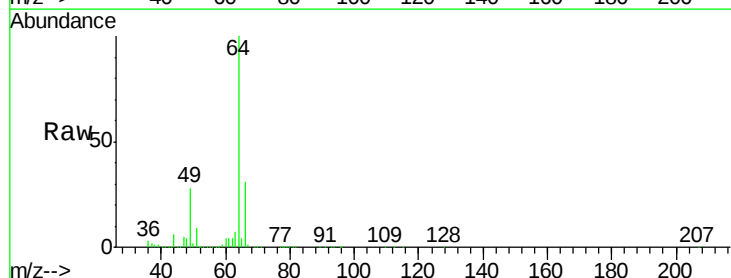
Acq: 25 Jun 2018 12:14

Tgt Ion: 64 Resp: 92219

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

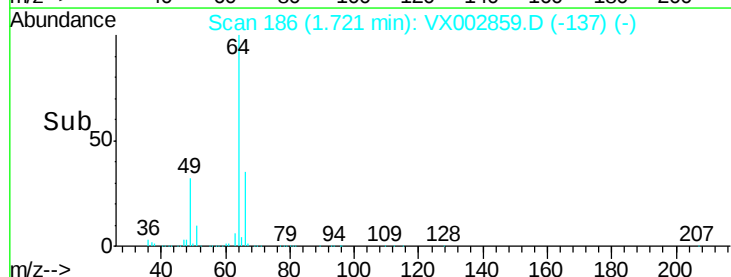
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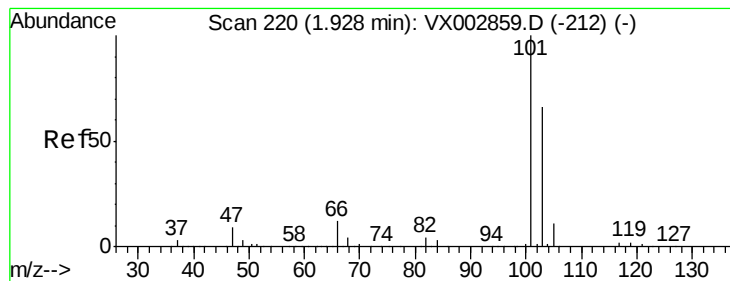
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20000

0

Time--> 1.60 1.70 1.80



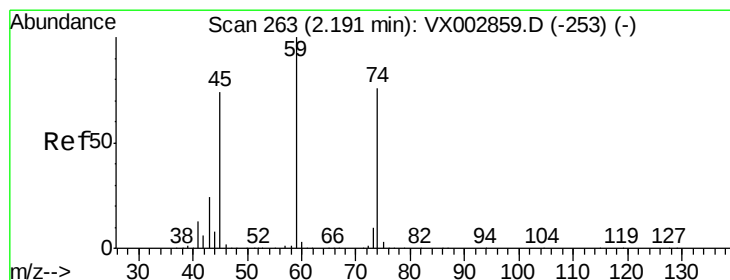
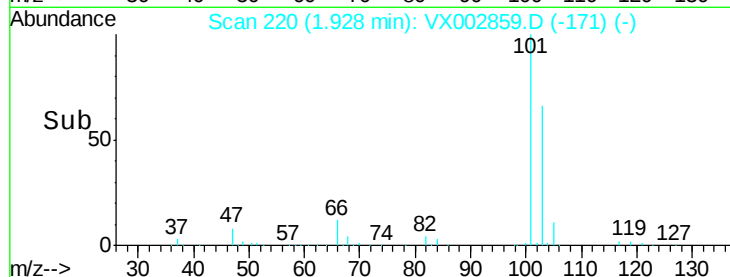
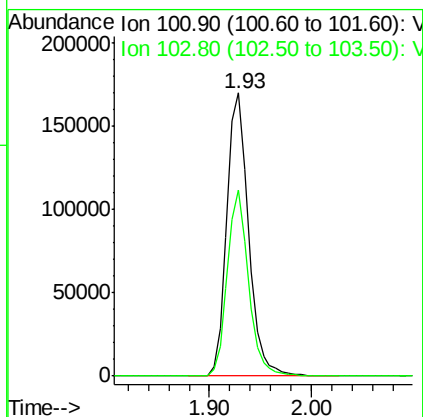
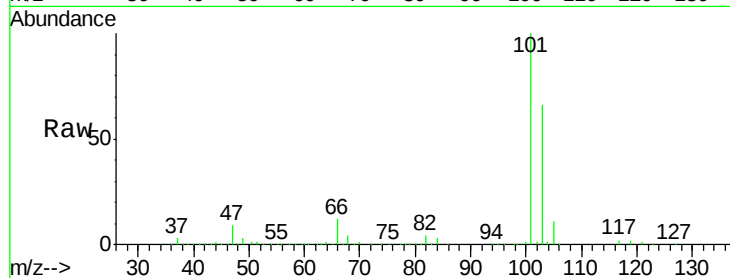


#7

Trichlorofluoromethane
 Concen: 42.858 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
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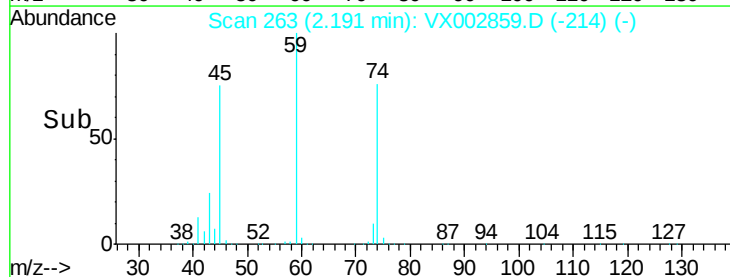
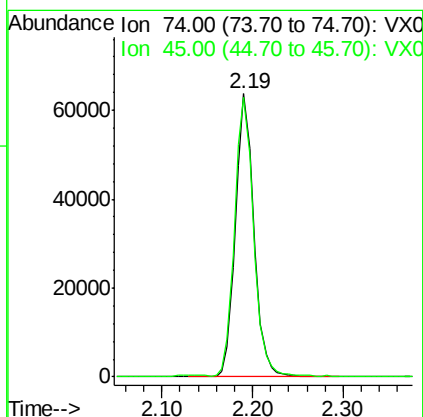
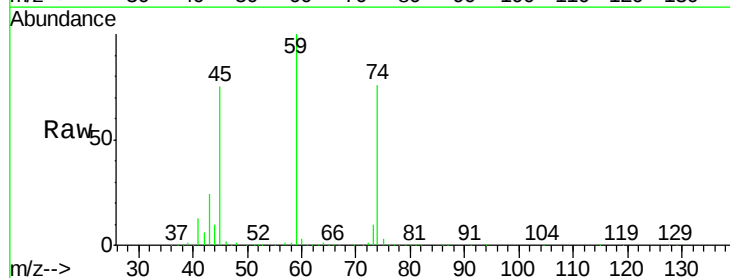
Tgt Ion:101 Resp: 250713
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.8 79.2



#8

Diethyl Ether
 Concen: 40.519 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 74 Resp: 90154
 Ion Ratio Lower Upper
 74 100
 45 101.1 53.1 159.4

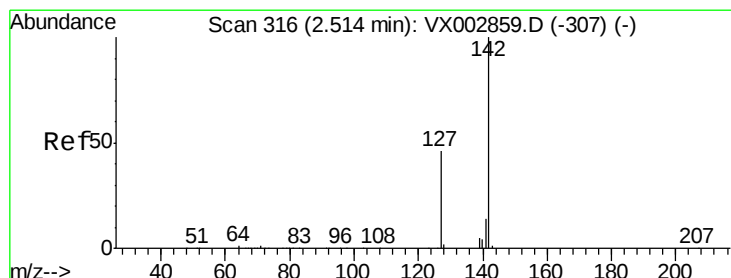
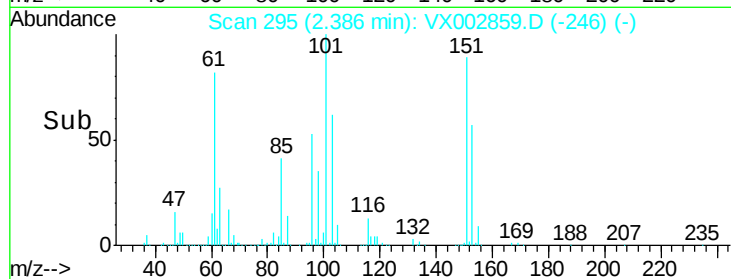
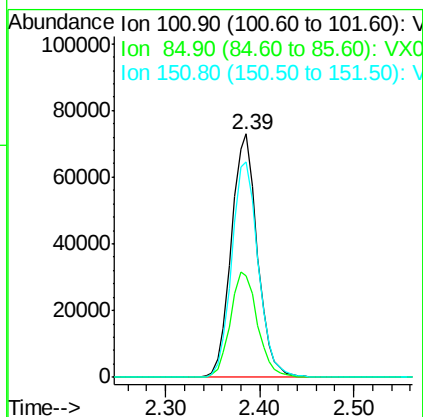
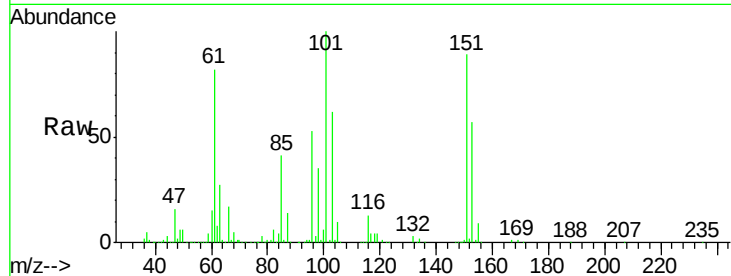




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.976 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

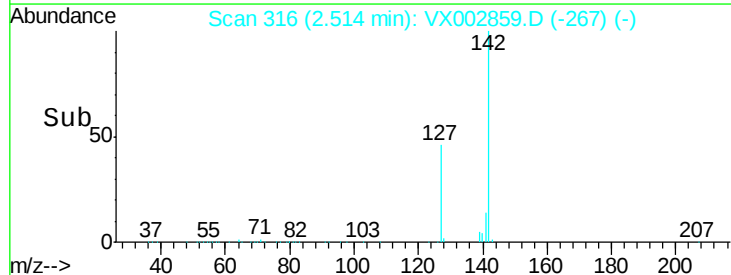
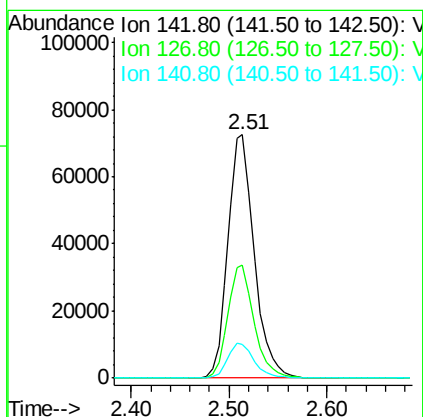
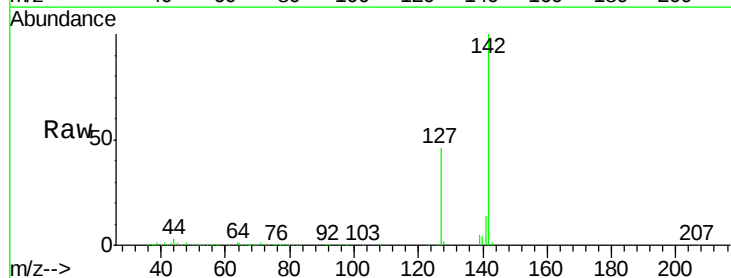
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

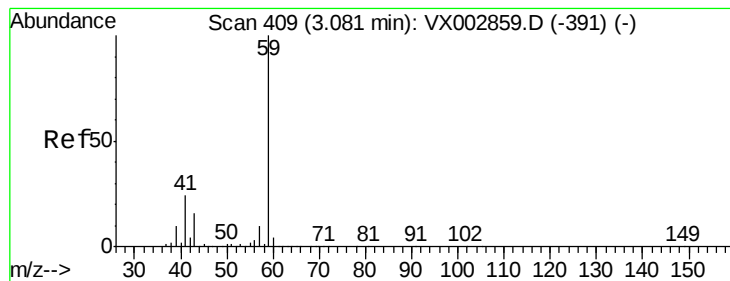
Tgt Ion:101 Resp: 140528
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.0 54.0
 151 90.1 70.9 106.3



#10
 Methyl Iodide
 Concen: 33.677 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion:142 Resp: 135608
 Ion Ratio Lower Upper
 142 100
 127 46.2 36.6 55.0
 141 14.6 11.3 16.9



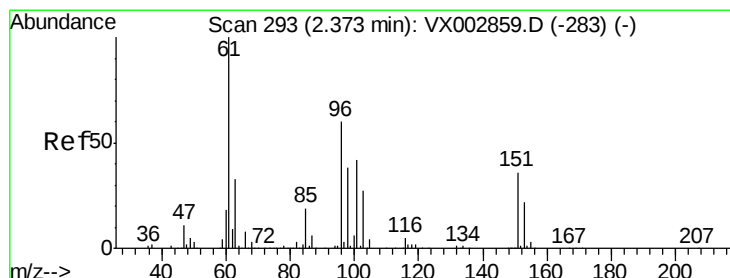
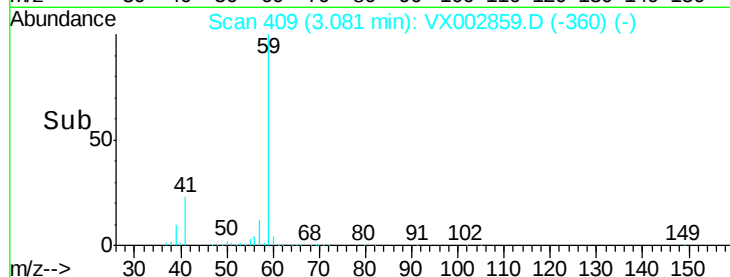
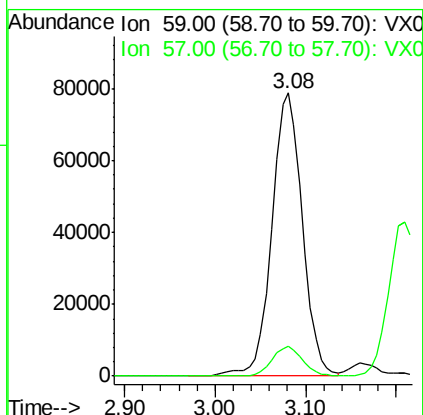
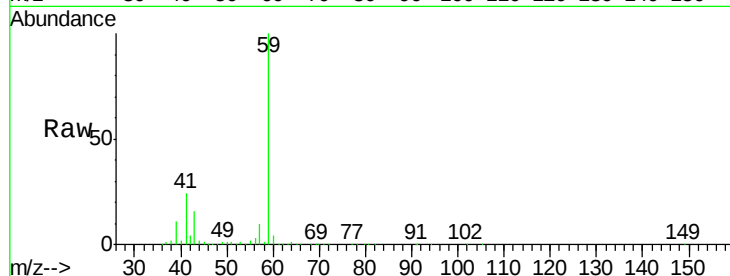


#11

Tert butyl alcohol
 Concen: 211.896 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

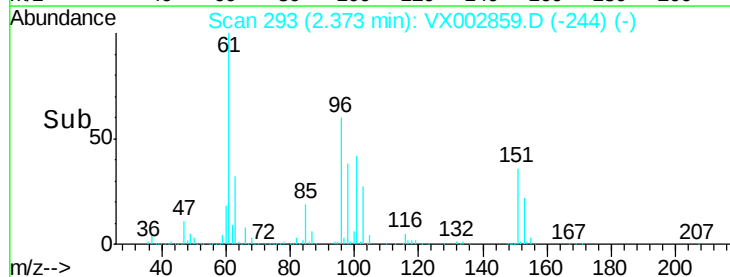
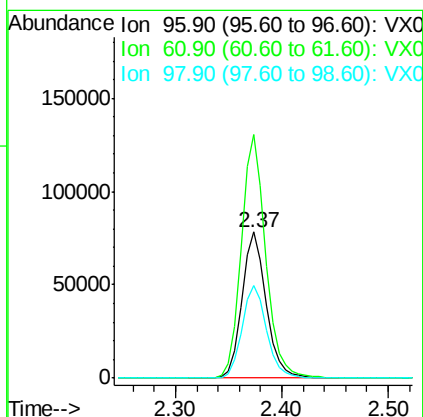
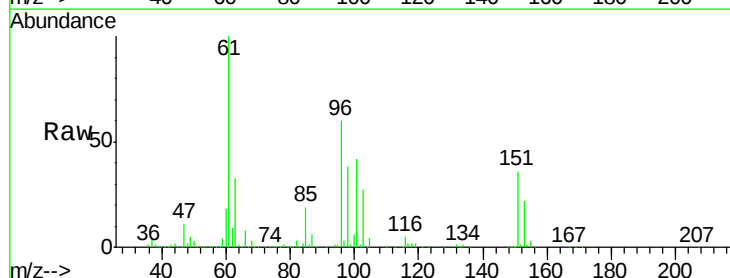
Tgt Ion: 59 Resp: 182900
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

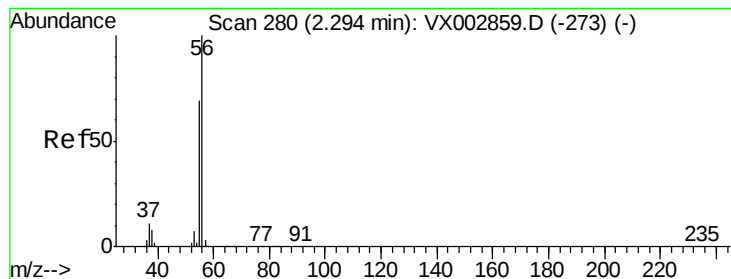


#12

1,1-Dichloroethene
 Concen: 40.779 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 96 Resp: 125198
 Ion Ratio Lower Upper
 96 100
 61 166.5 137.9 206.9
 98 63.4 51.6 77.4





#13

Acrolein

Concen: 227.138 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

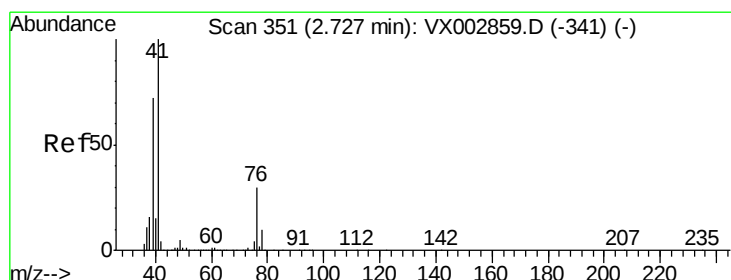
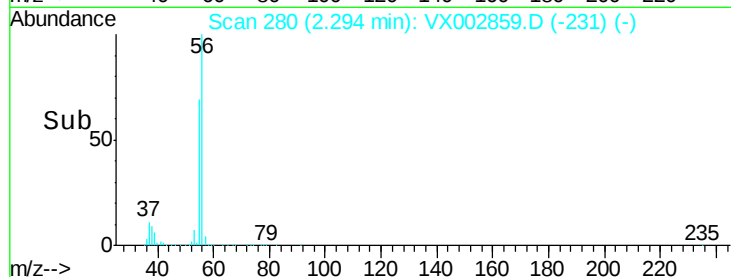
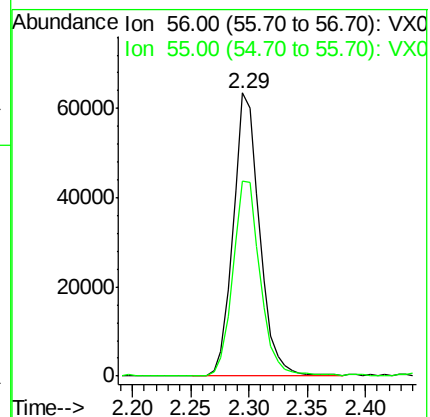
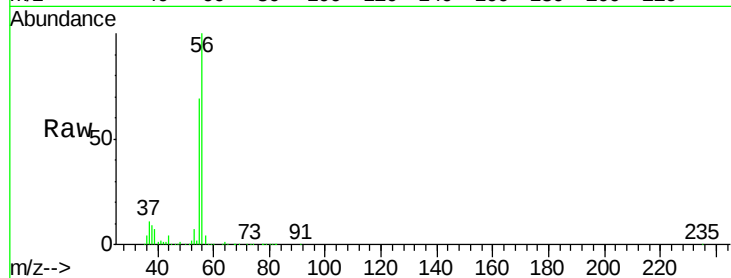
VSTDICCC050

Tgt Ion: 56 Resp: 99418

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 41.543 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

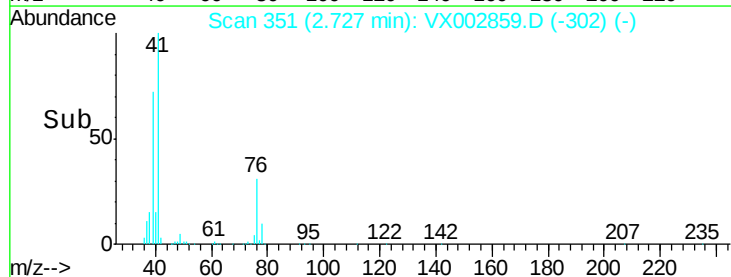
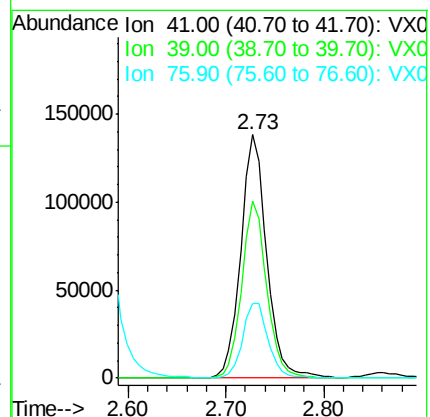
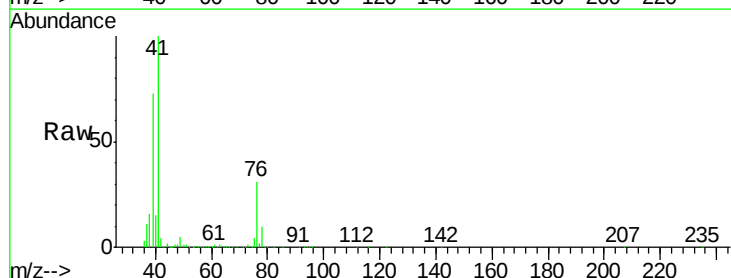
Tgt Ion: 41 Resp: 253235

Ion Ratio Lower Upper

41 100

39 69.8 56.8 85.2

76 30.4 23.8 35.8

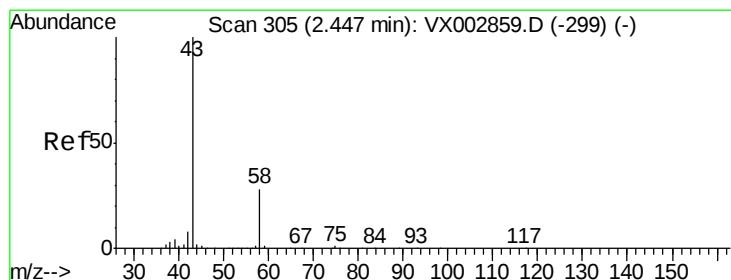
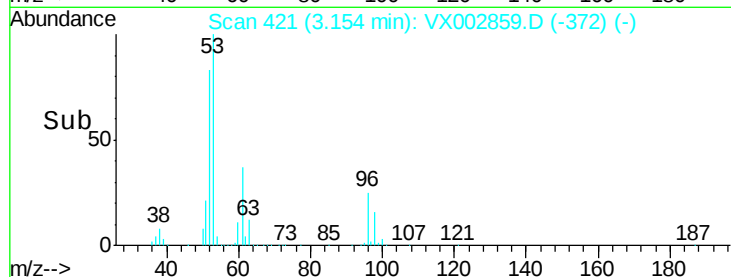
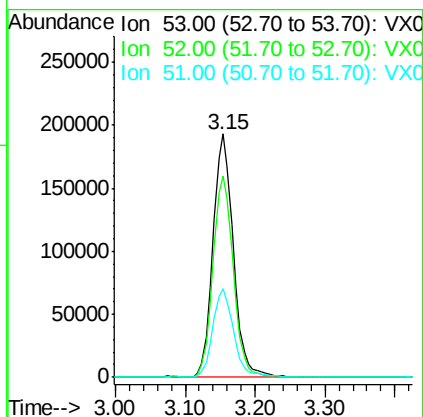
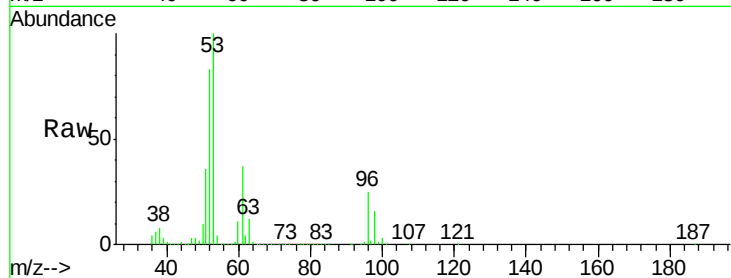




#15
Acrylonitrile
Concen: 206.556 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

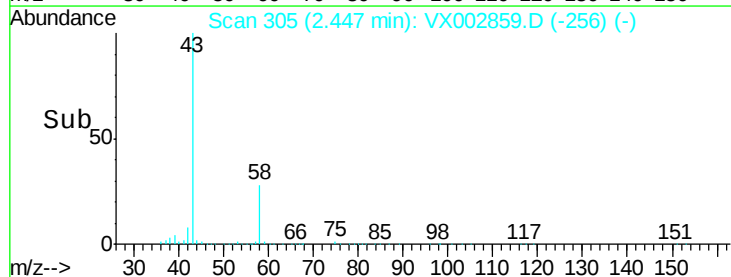
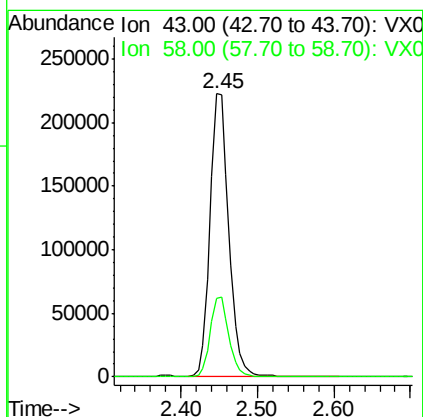
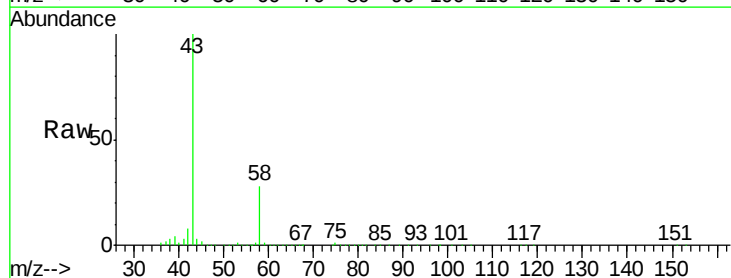
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

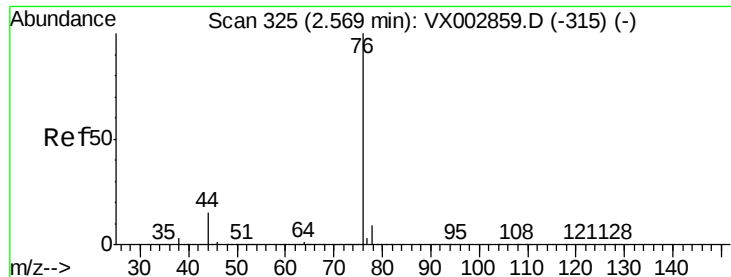
Tgt Ion: 53 Resp: 389057
Ion Ratio Lower Upper
53 100
52 82.9 66.7 100.1
51 37.4 29.9 44.9



#16
Acetone
Concen: 205.833 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 43 Resp: 379170
Ion Ratio Lower Upper
43 100
58 27.7 22.1 33.1

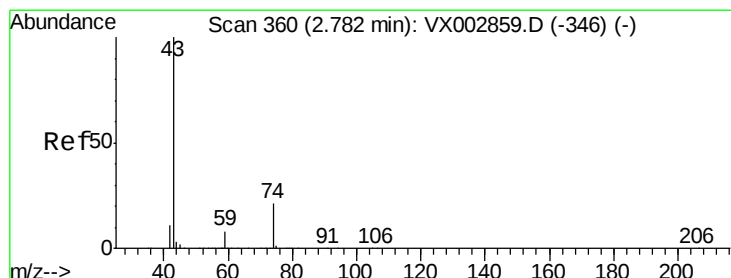
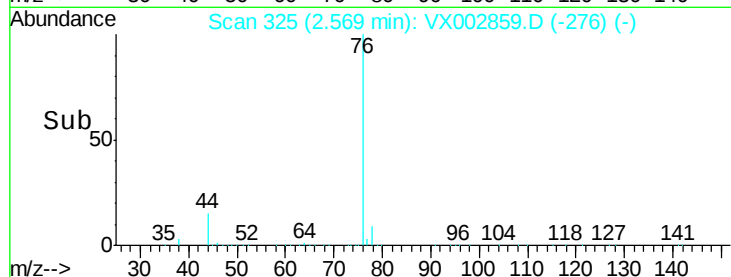
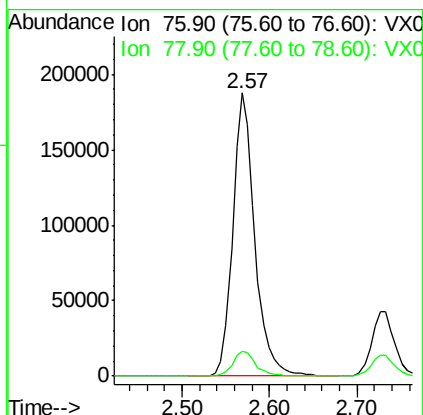
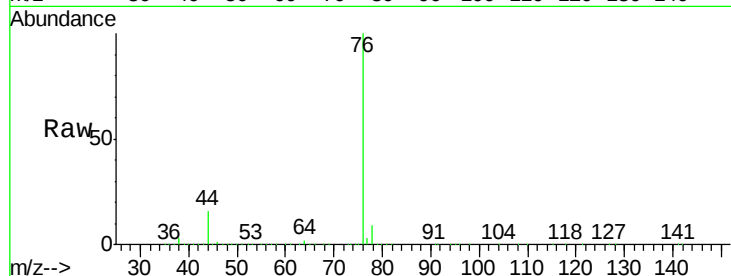




#17
Carbon Disulfide
Concen: 45.208 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

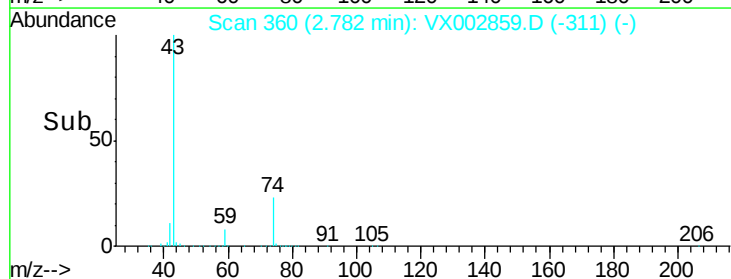
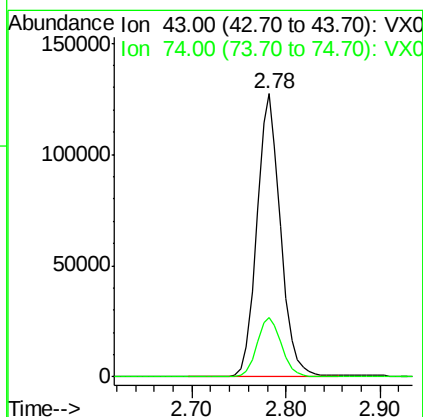
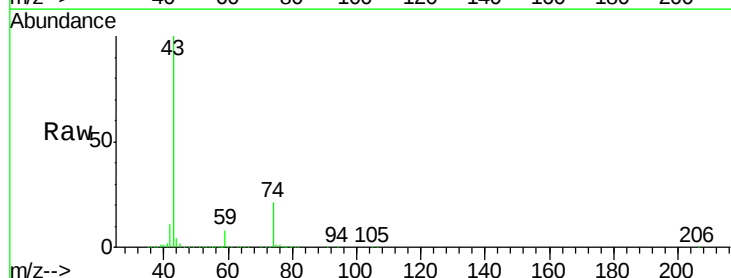
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

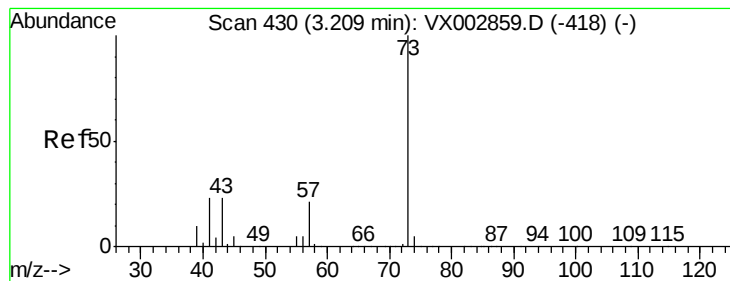
Tgt Ion: 76 Resp: 329186
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 45.602 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 43 Resp: 223797
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1



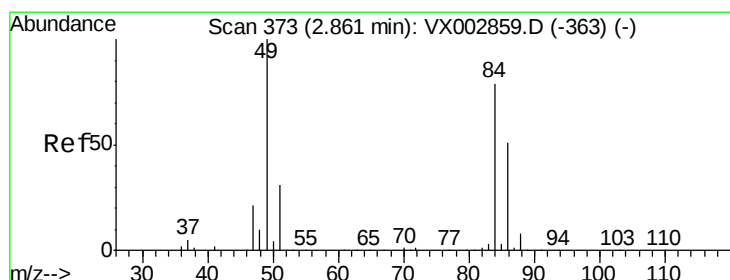
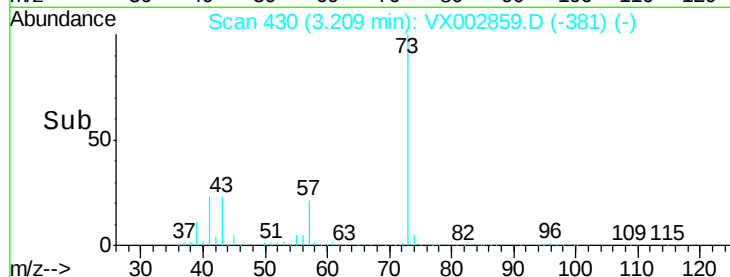
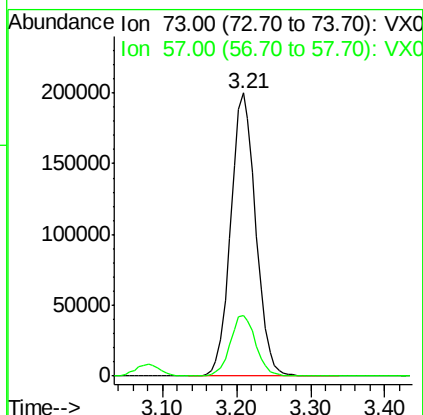
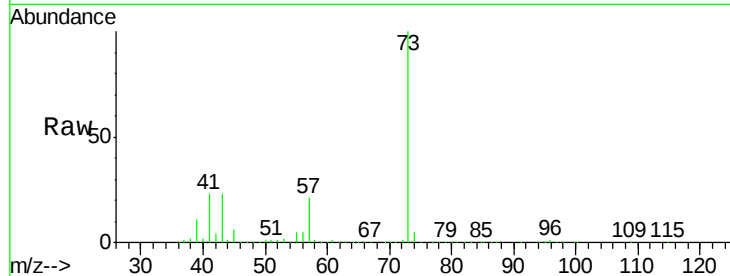


#19

Methyl tert-butyl Ether
 Concen: 40.714 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

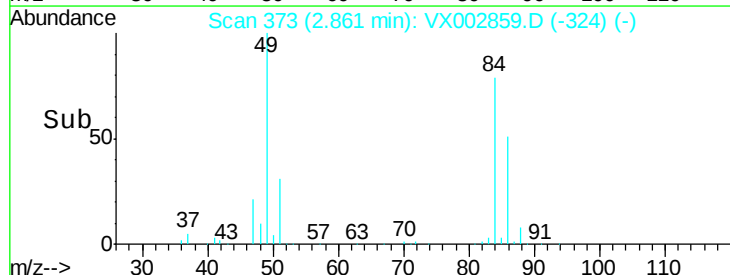
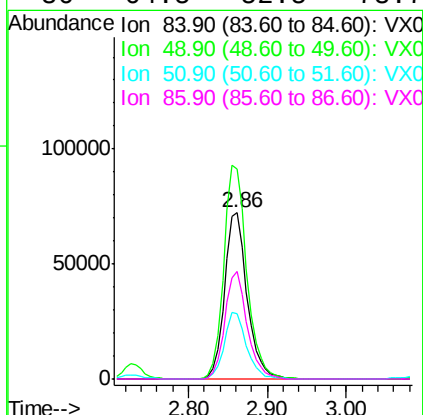
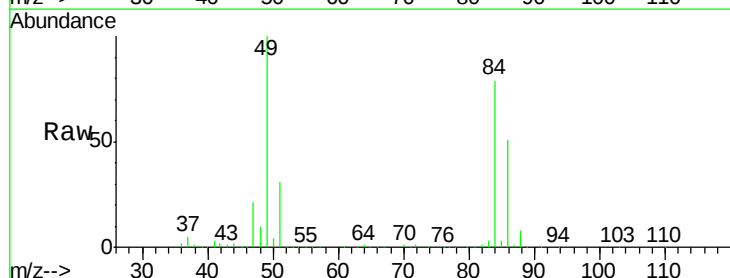
Tgt Ion: 73 Resp: 468909
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.7 26.5



#20

Methylene Chloride
 Concen: 37.975 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 84 Resp: 143434
 Ion Ratio Lower Upper
 84 100
 49 126.7 107.8 161.6
 51 39.1 32.8 49.2
 86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 41.077 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

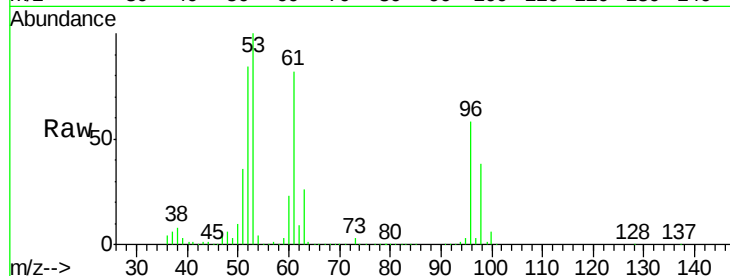
Tgt Ion: 96 Resp: 136814

Ion Ratio Lower Upper

96 100

61 140.7 117.0 175.4

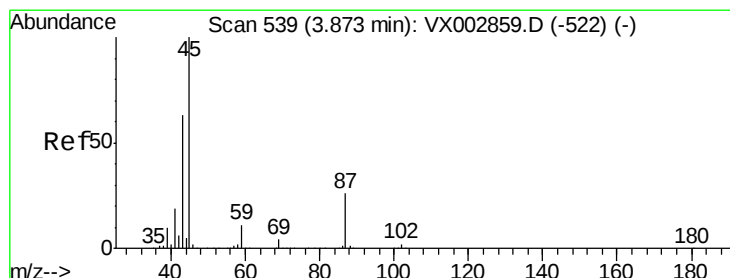
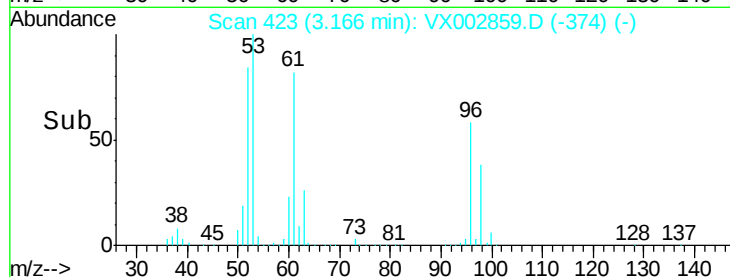
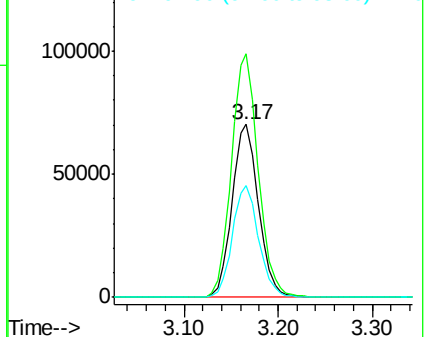
98 64.5 52.4 78.6



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: 44.385 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion: 45 Resp: 489507

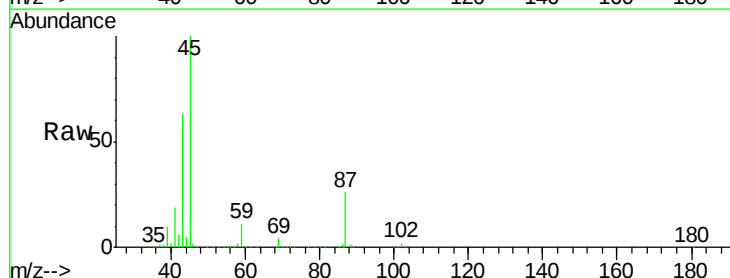
Ion Ratio Lower Upper

45 100

43 62.6 46.8 70.2

87 25.8 20.2 30.4

59 10.8 8.7 13.1

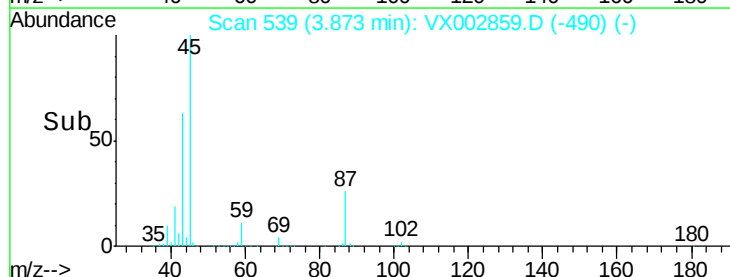
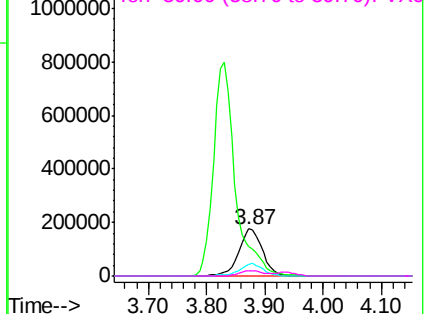


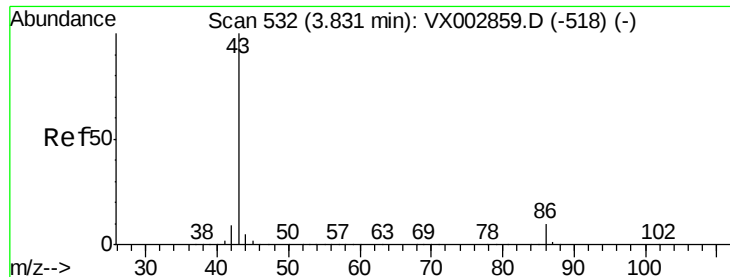
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 224.851 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

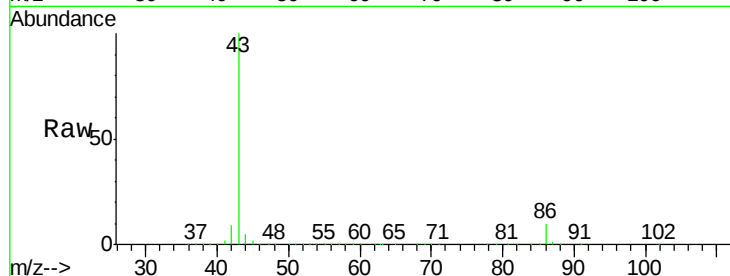
VSTDICCC050

Tgt Ion: 43 Resp: 2075517

Ion Ratio Lower Upper

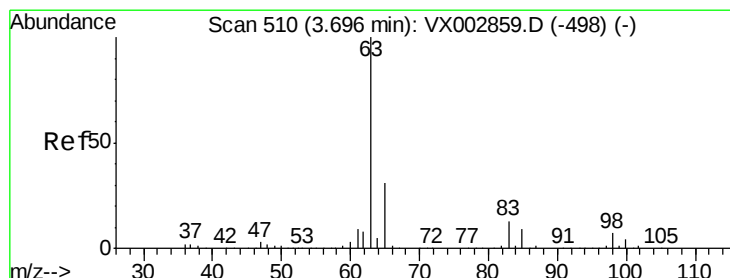
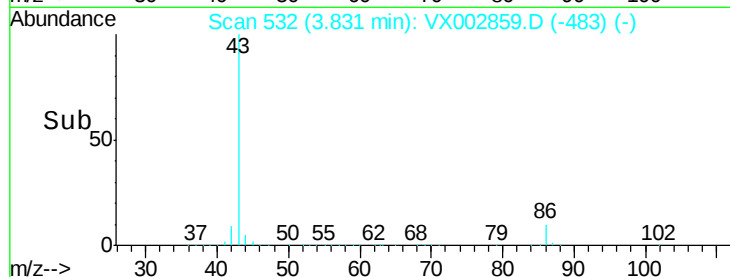
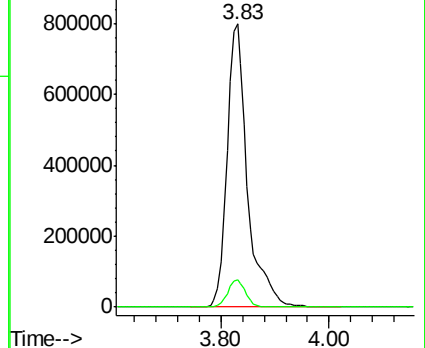
43 100

86 9.6 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: 43.912 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

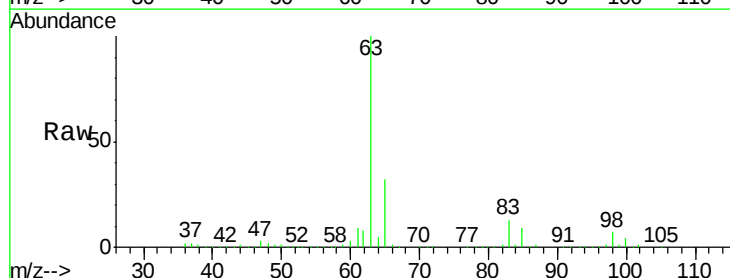
Tgt Ion: 63 Resp: 262850

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

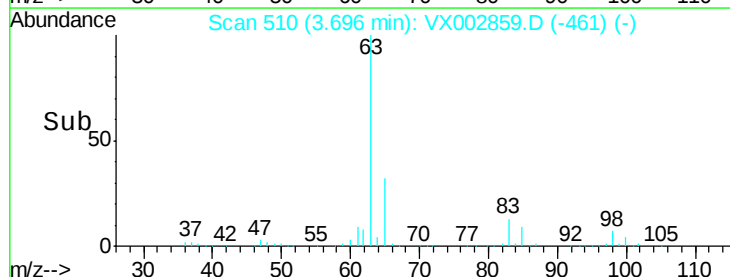
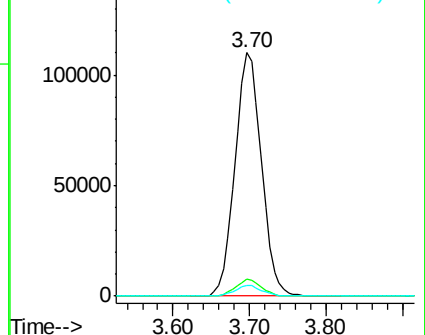
100 4.2 2.0 6.0

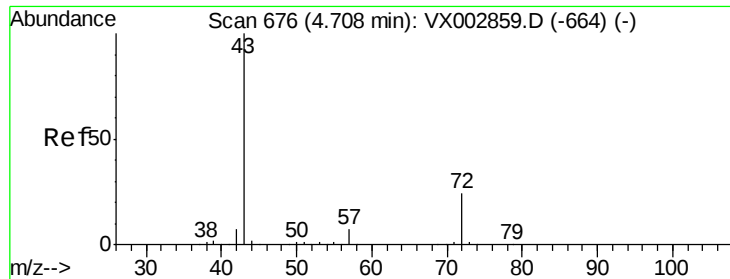


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.428 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

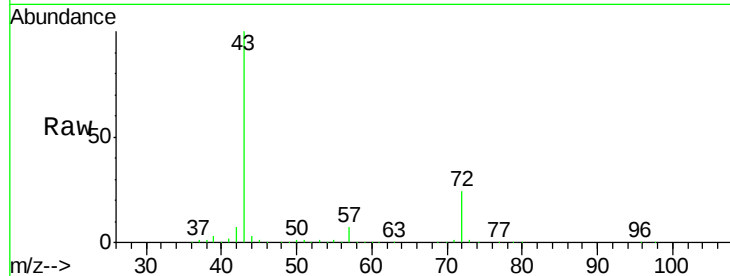
VSTDICCC050

Tgt Ion: 43 Resp: 567127

Ion Ratio Lower Upper

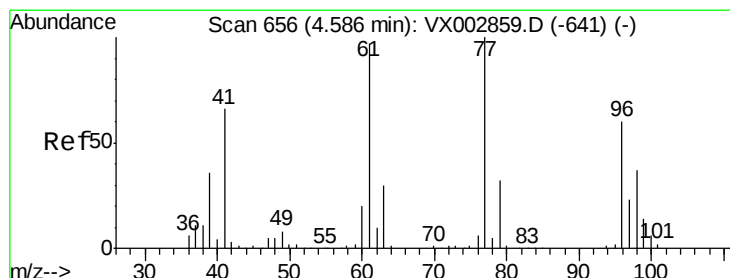
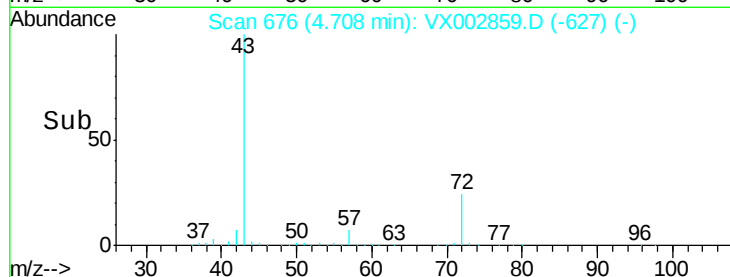
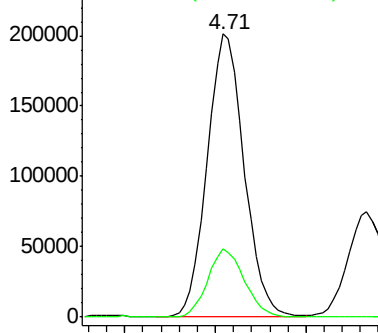
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.312 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002859.D

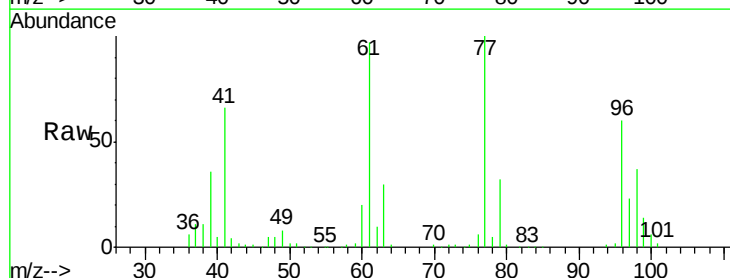
Acq: 25 Jun 2018 12:14

Tgt Ion: 77 Resp: 216394

Ion Ratio Lower Upper

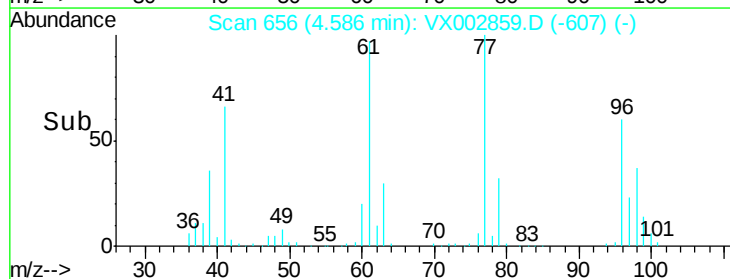
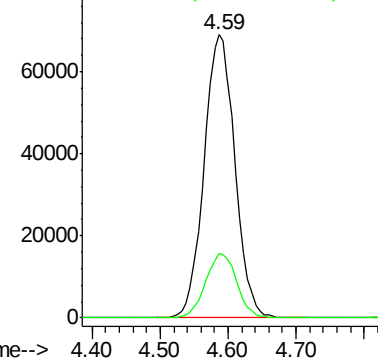
77 100

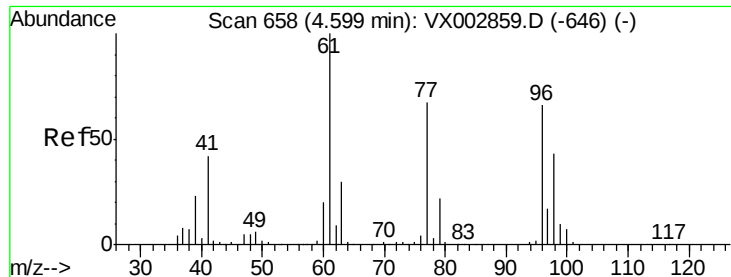
97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



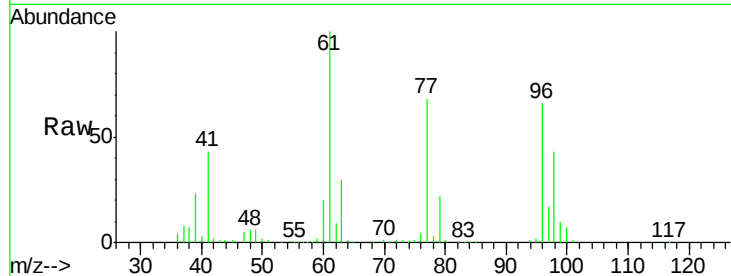


#27

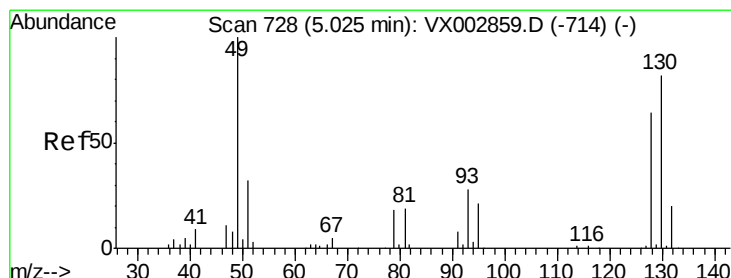
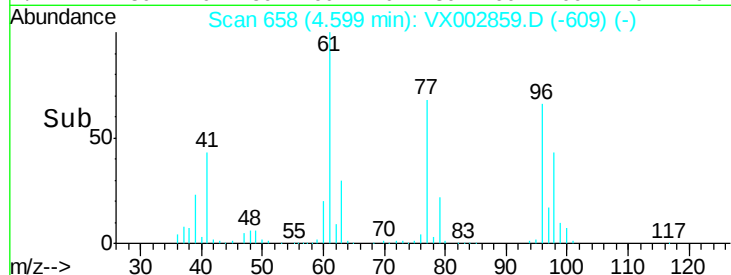
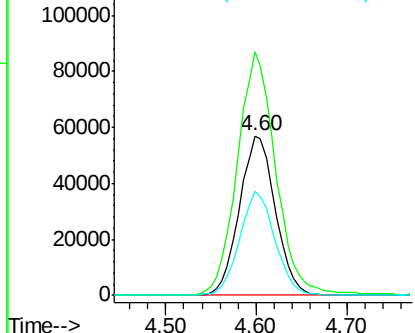
cis-1,2-Dichloroethene
Concen: 46.124 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 156308
Ion Ratio Lower Upper
96 100
61 164.6 0.0 330.2
98 64.5 0.0 130.2



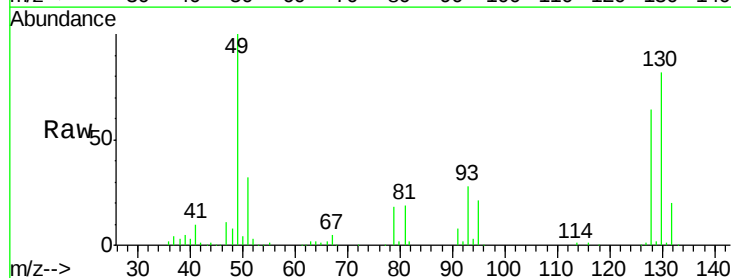
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



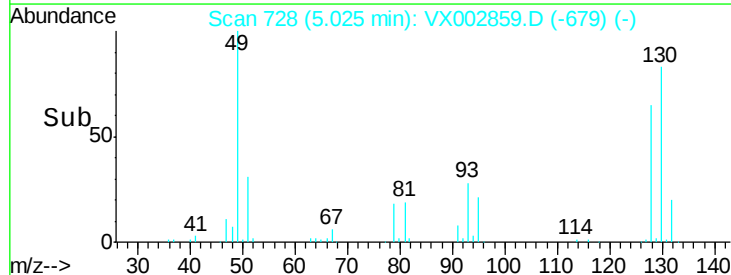
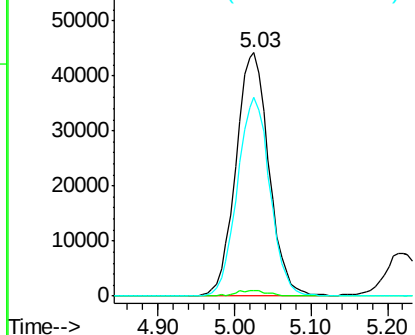
#28

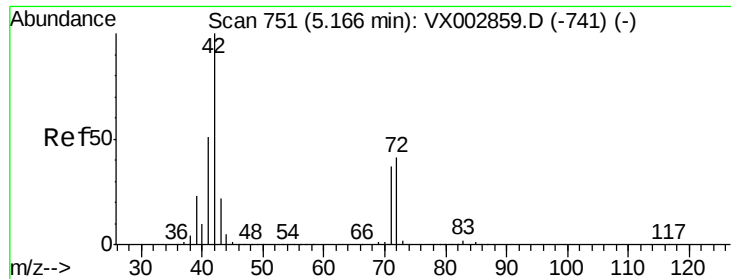
Bromochloromethane
Concen: 47.188 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 49 Resp: 132280
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 80.7 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

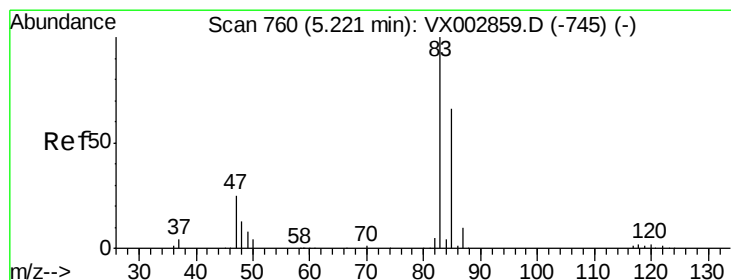
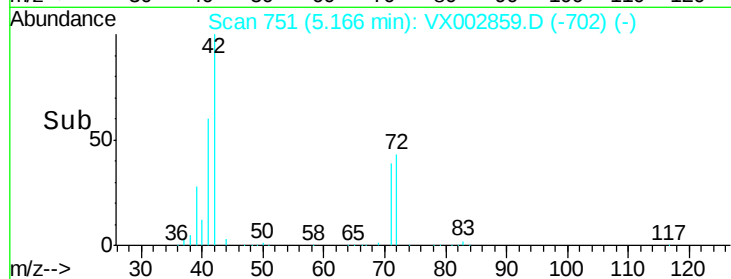
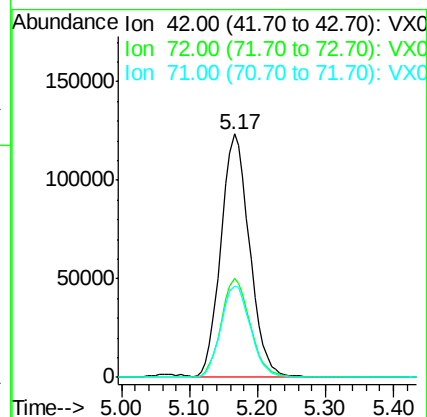
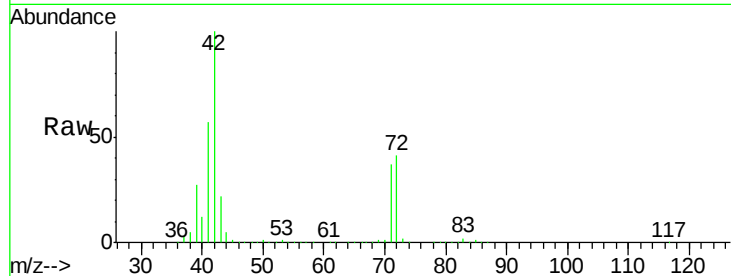




#29
Tetrahydrofuran
Concen: 227.092 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

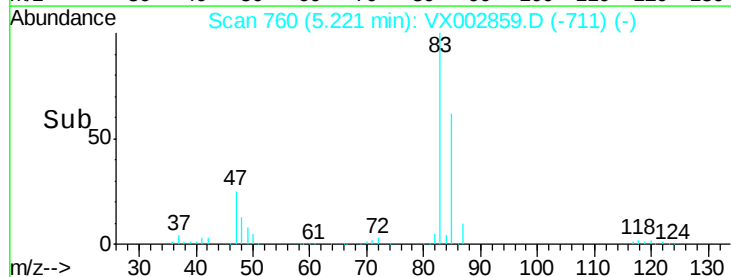
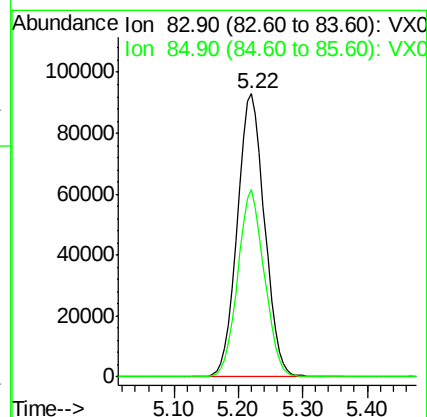
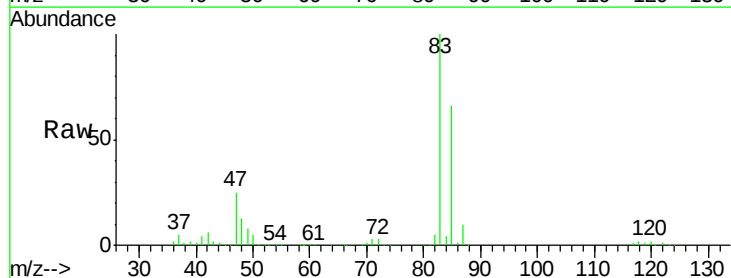
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

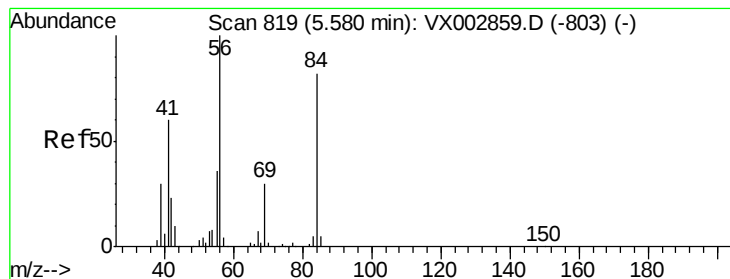
Tgt Ion: 42 Resp: 360053
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 38.8 30.1 45.1



#30
Chloroform
Concen: 47.309 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 83 Resp: 273076
Ion Ratio Lower Upper
83 100
85 66.3 50.4 75.6





#31

Cyclohexane

Concen: 46.241 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

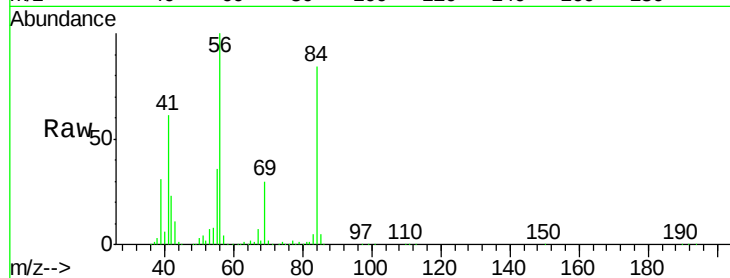
Tgt Ion: 56 Resp: 227895

Ion Ratio Lower Upper

56 100

69 29.7 23.7 35.5

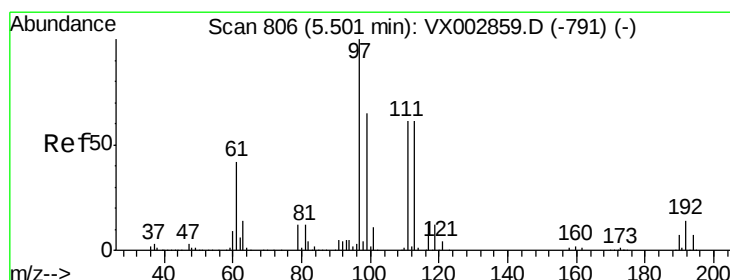
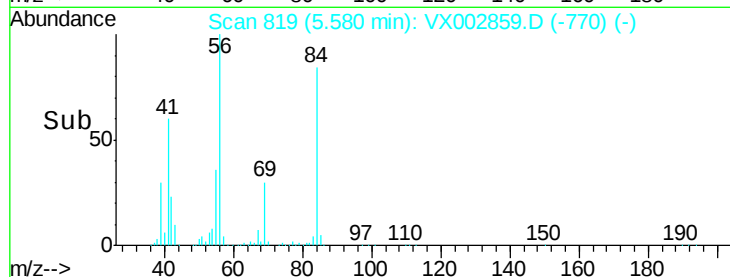
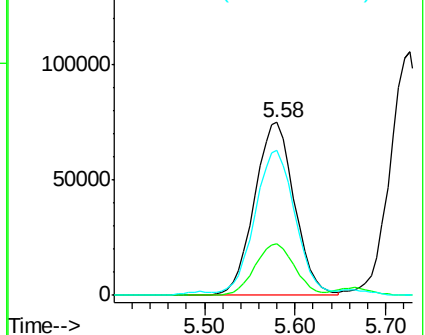
84 82.1 64.1 96.1



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: 50.574 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

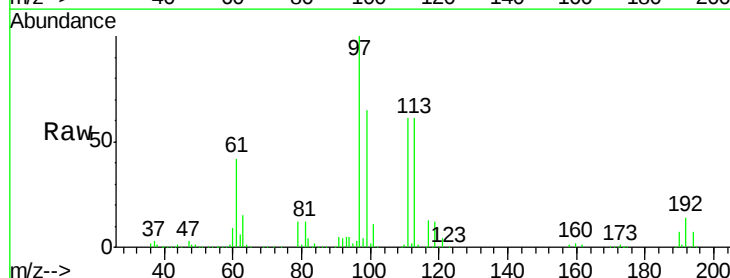
Tgt Ion: 97 Resp: 244153

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

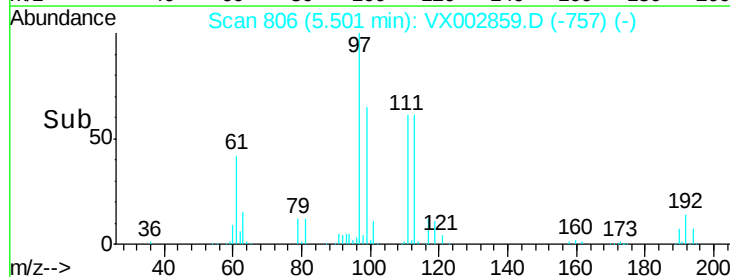
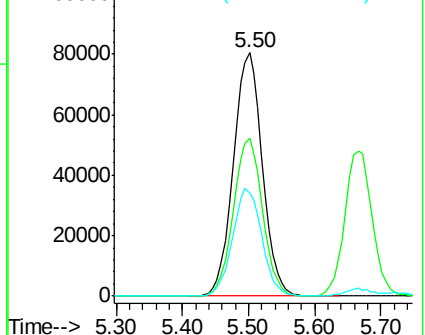
61 44.7 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.636 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

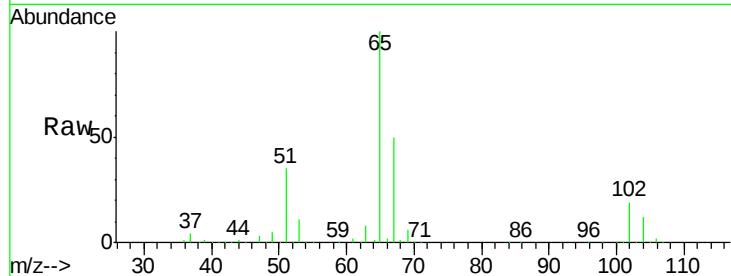
VSTDICCC050

Tgt Ion: 65 Resp: 182196

Ion Ratio Lower Upper

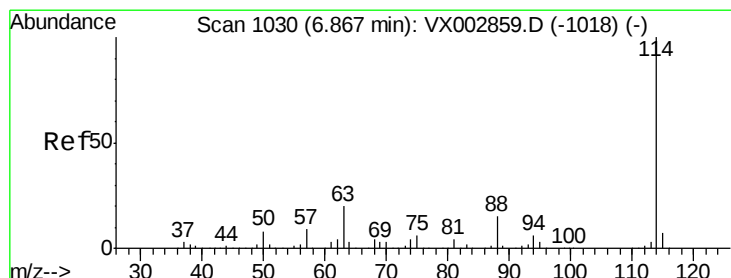
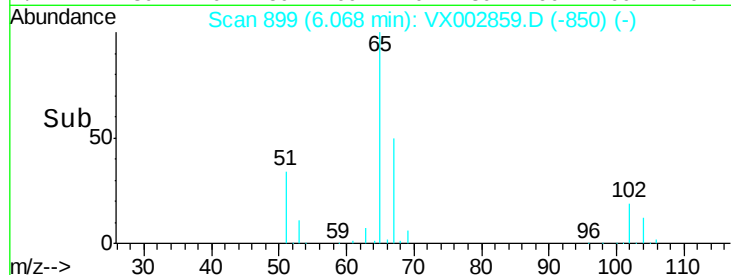
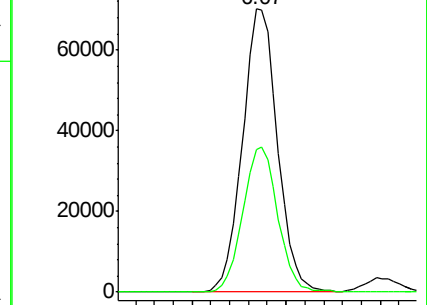
65 100

67 51.4 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

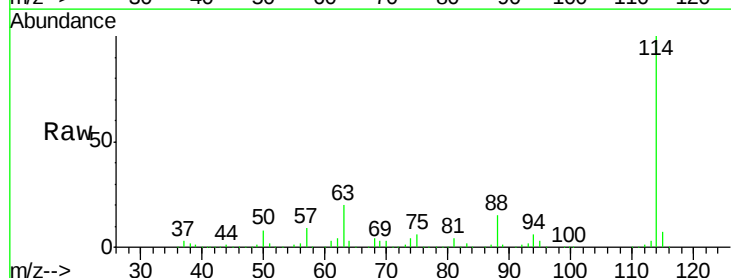
Tgt Ion: 114 Resp: 376040

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

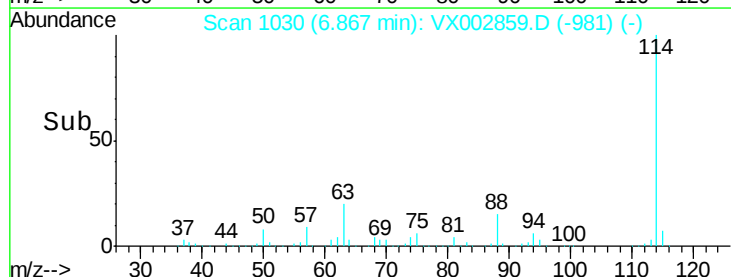
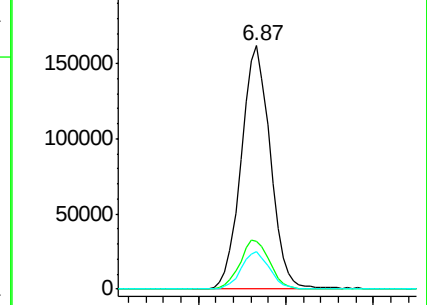
88 15.3 0.0 30.0

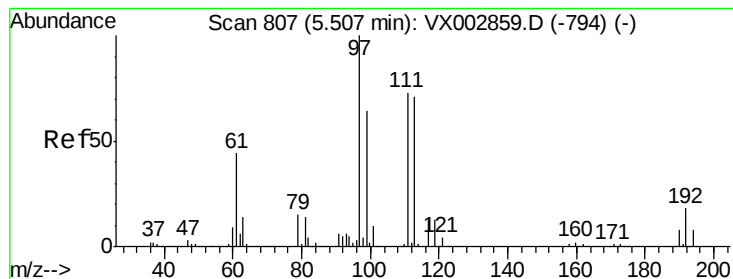


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.551 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

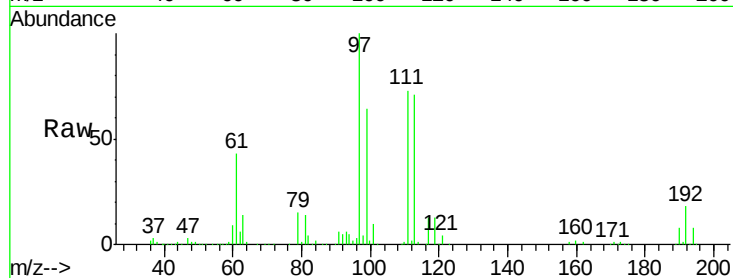
Tgt Ion:113 Resp: 145710

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

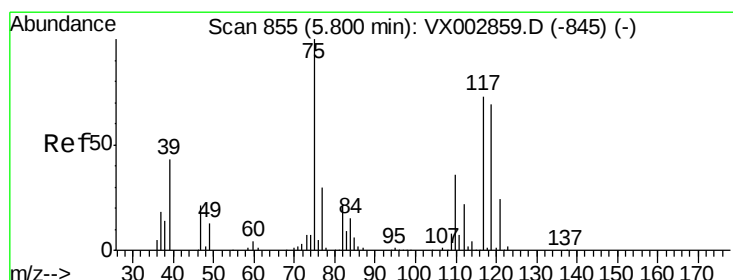
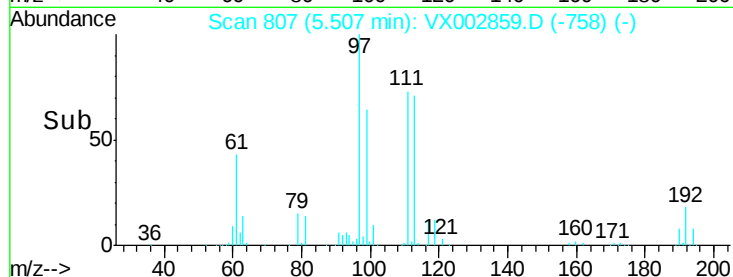
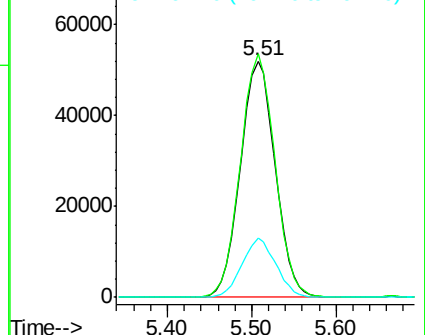
192 24.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.303 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

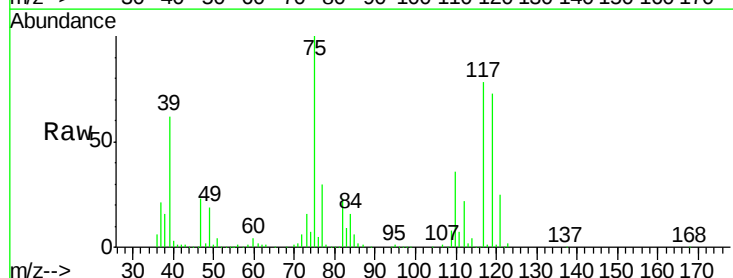
Tgt Ion: 75 Resp: 196903

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.4

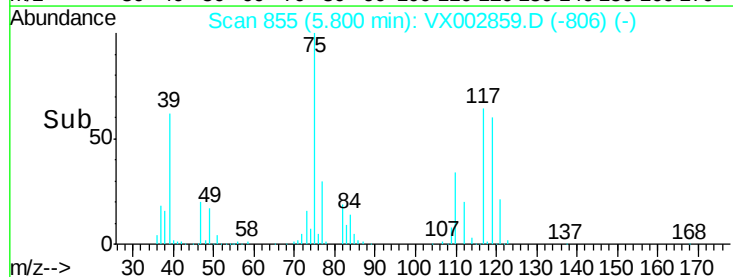
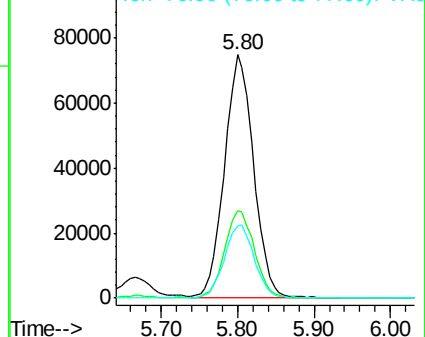
77 30.7 24.3 36.5

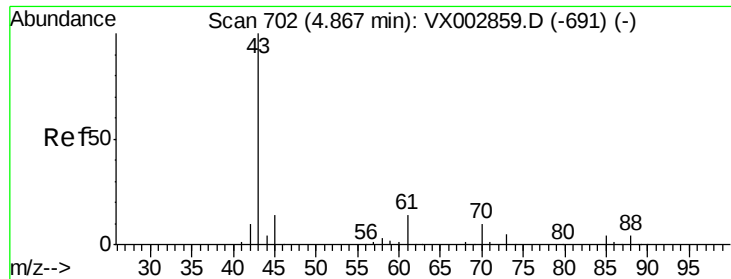


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

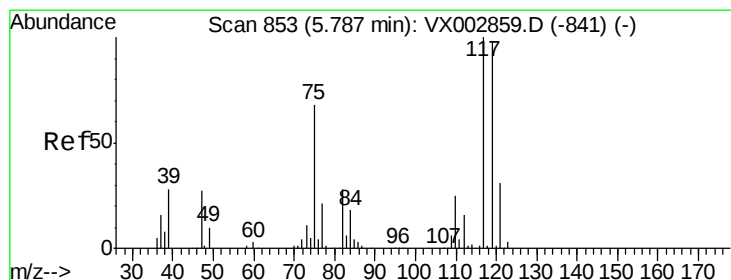
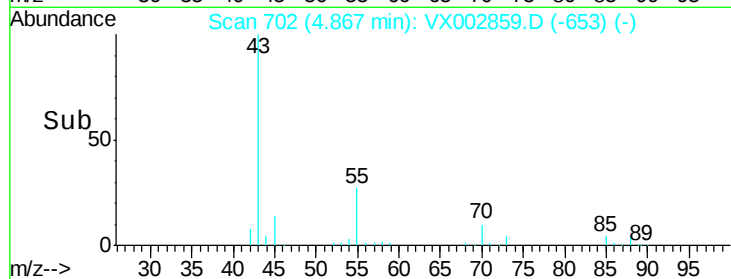
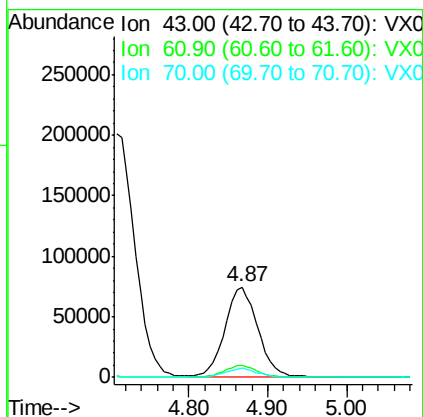
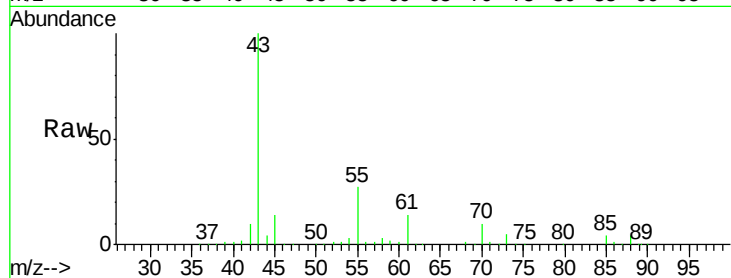




#37
 Ethyl Acetate
 Concen: 47.668 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

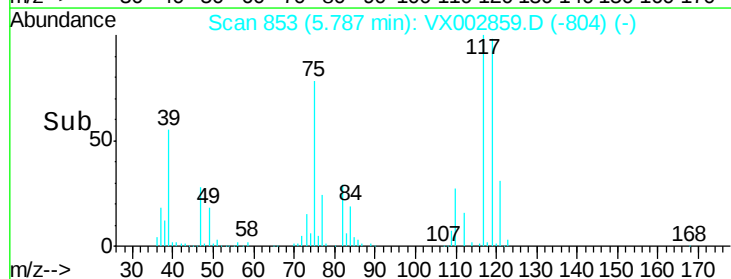
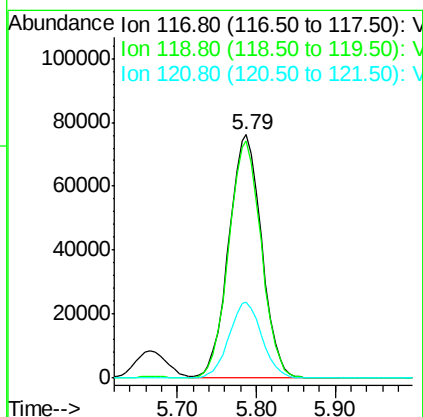
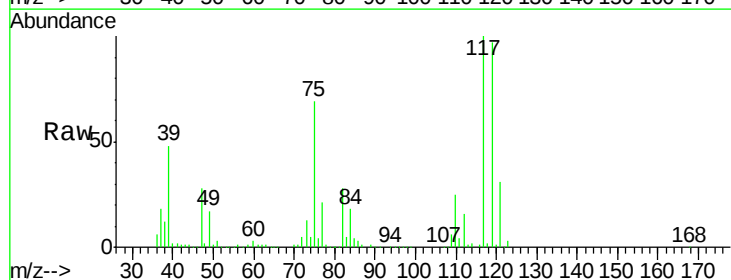
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

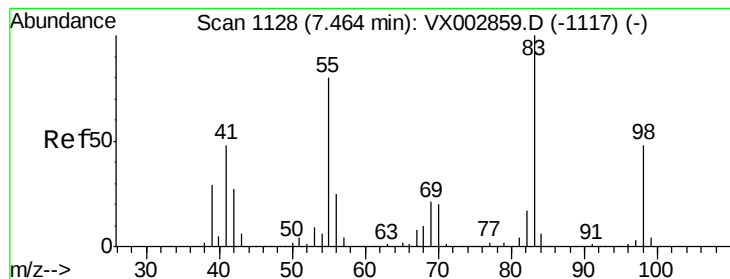
Tgt Ion: 43 Resp: 215475
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.4 15.6
 70 9.8 7.6 11.4



#38
 Carbon Tetrachloride
 Concen: 55.434 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 117 Resp: 220457
 Ion Ratio Lower Upper
 117 100
 119 97.2 77.4 116.0
 121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 49.881 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

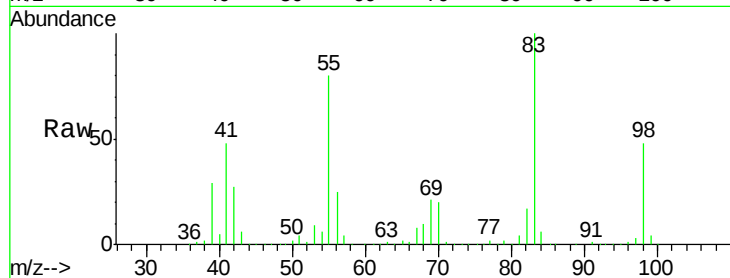
Tgt Ion: 83 Resp: 232888

Ion Ratio Lower Upper

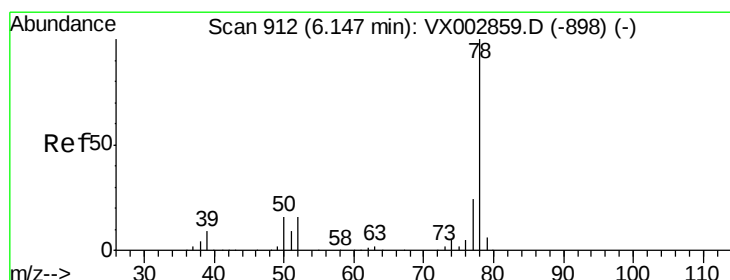
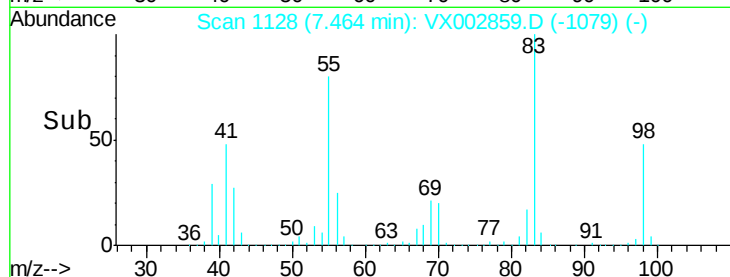
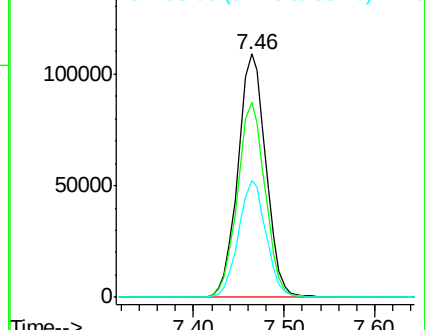
83 100

55 80.2 65.4 98.0

98 48.2 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 48.887 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002859.D

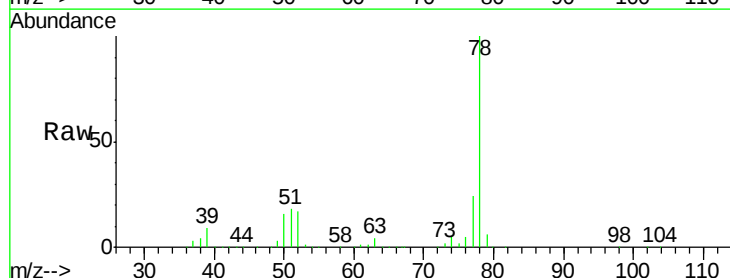
Acq: 25 Jun 2018 12:14

Tgt Ion: 78 Resp: 585432

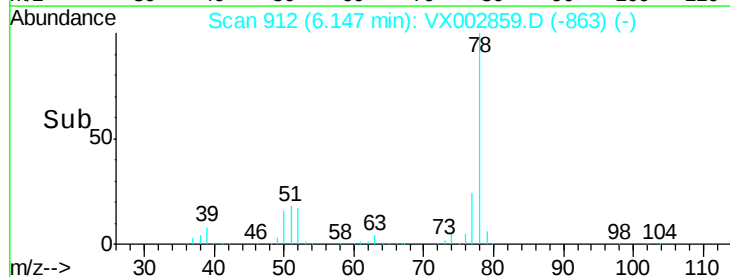
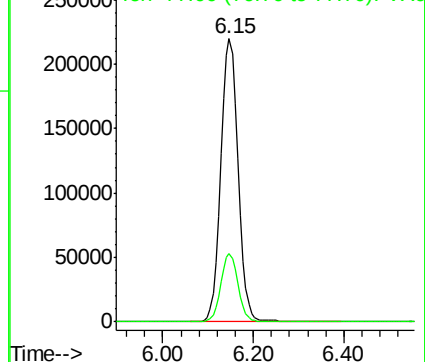
Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

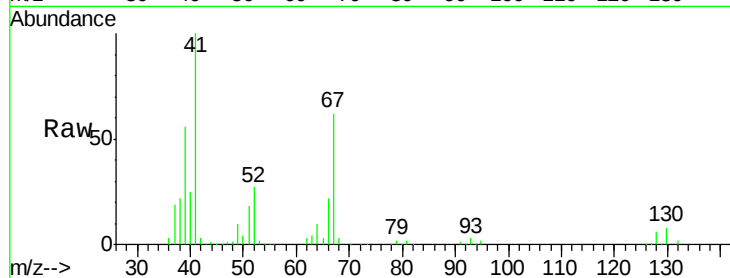




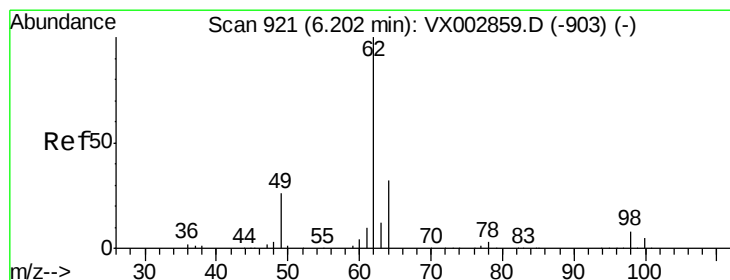
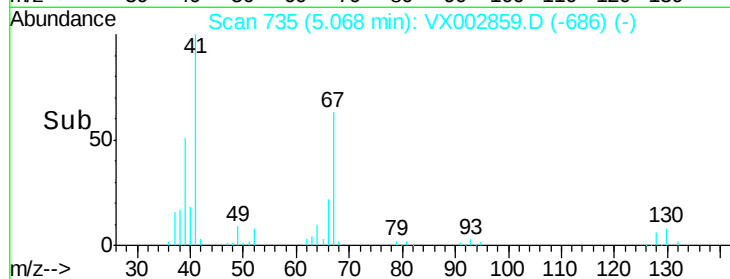
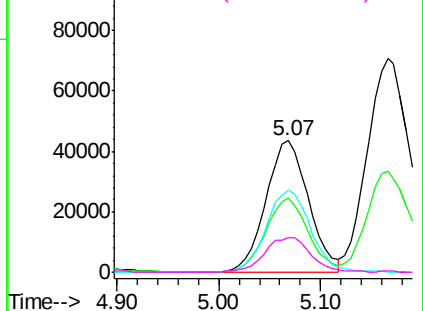
#41
Methacrylonitrile
Concen: 49.386 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	126047
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	65.0	51.3	76.9
52	28.2	23.0	34.6

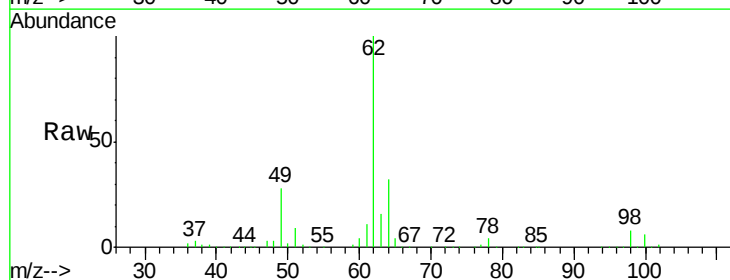


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

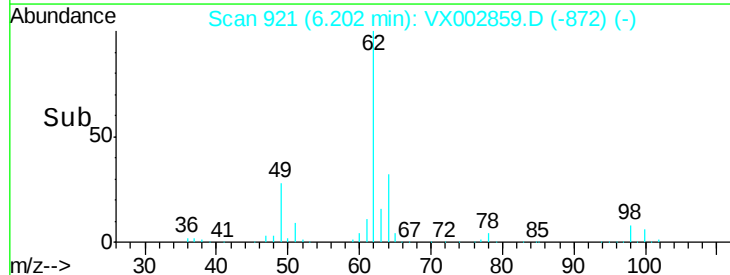
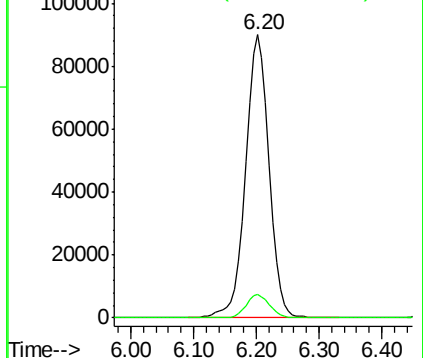


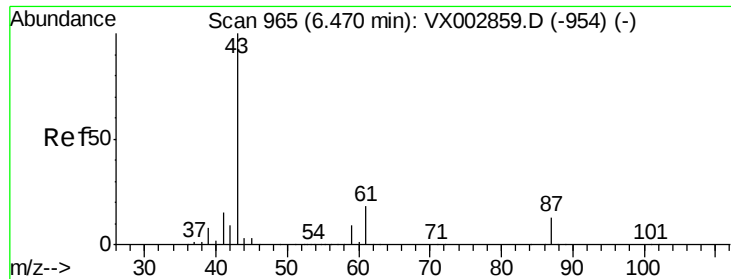
#42
1,2-Dichloroethane
Concen: 50.099 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion:	62	Resp:	232277
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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

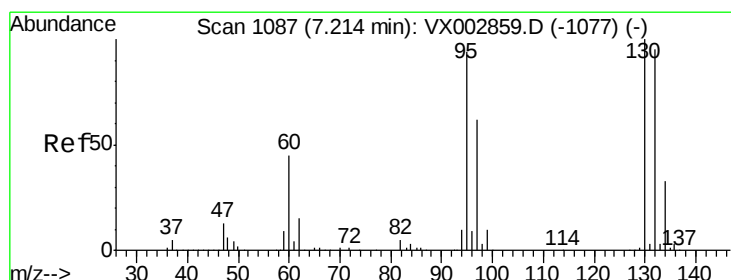
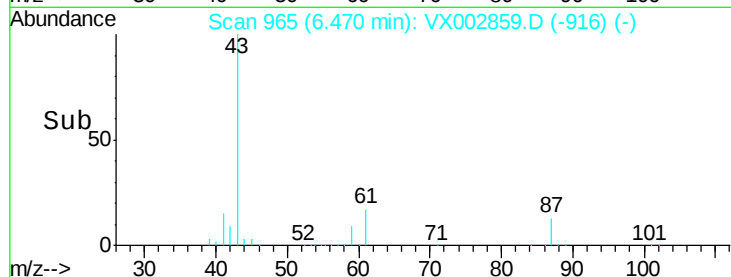
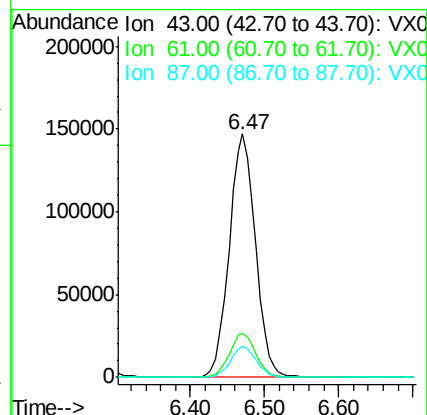
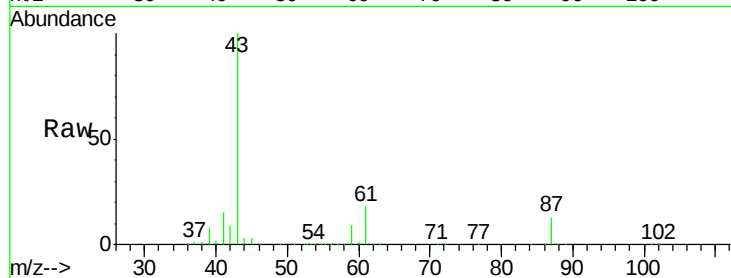




#43
Isopropyl Acetate
Concen: 48.121 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

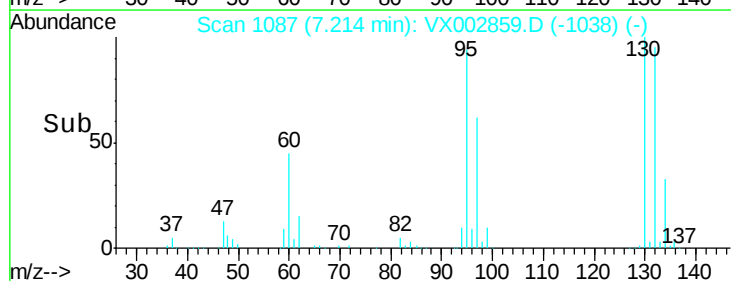
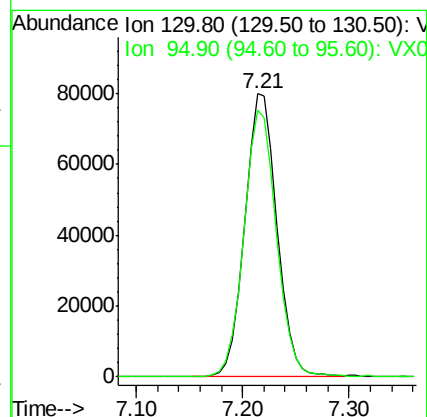
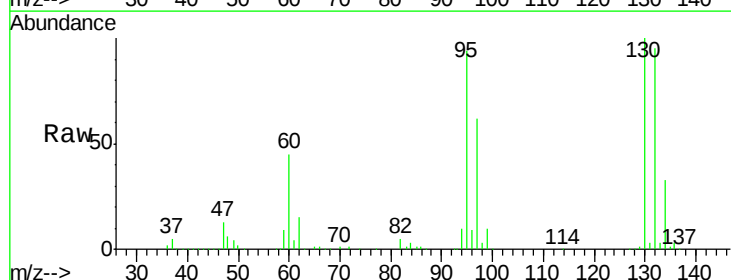
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

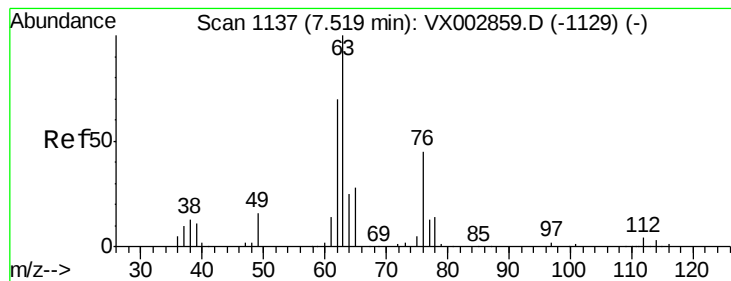
Tgt Ion: 43 Resp: 360395
Ion Ratio Lower Upper
43 100
61 18.2 14.4 21.6
87 12.7 9.5 14.3



#44
Trichloroethene
Concen: 49.166 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 130 Resp: 169940
Ion Ratio Lower Upper
130 100
95 94.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 47.320 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

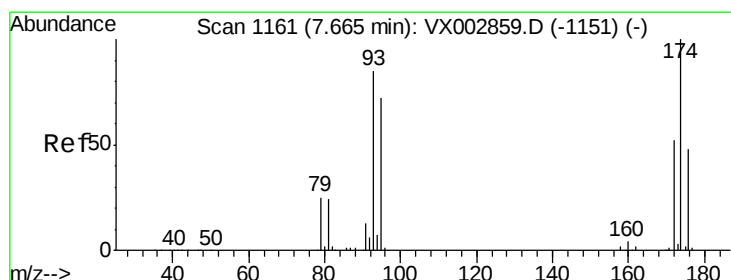
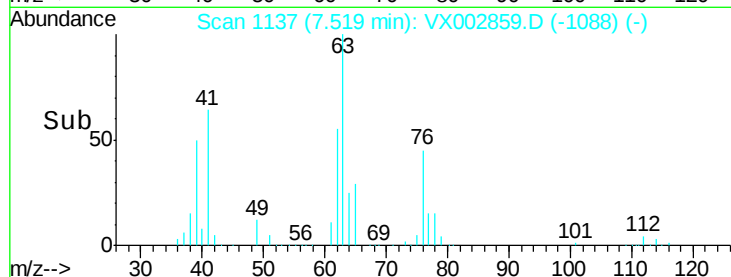
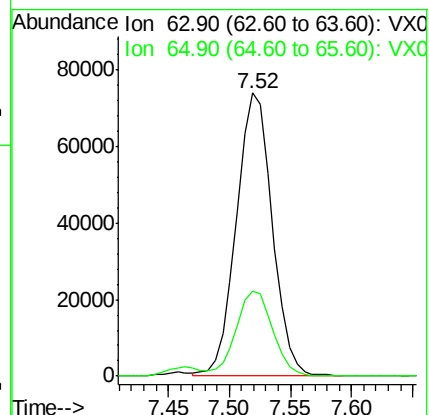
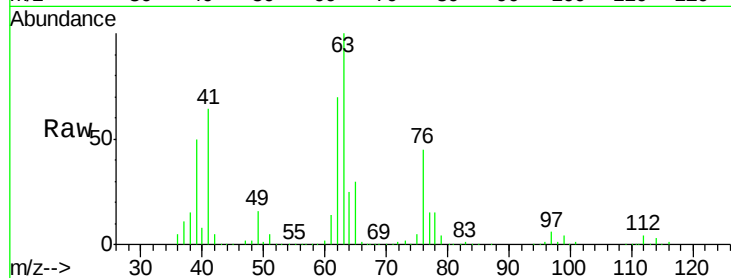
VSTDICCC050

Tgt Ion: 63 Resp: 149138

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



#46

Dibromomethane

Concen: 51.219 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

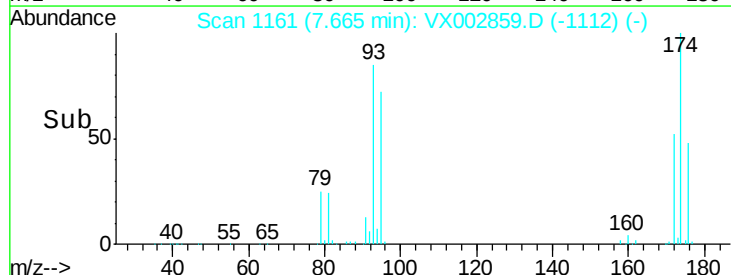
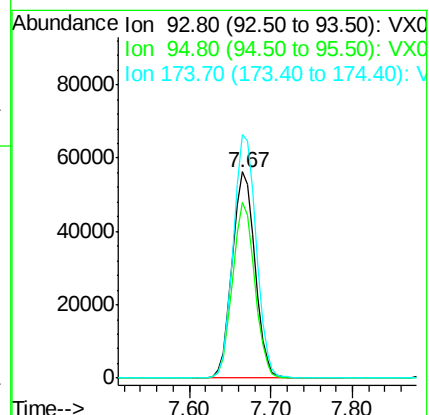
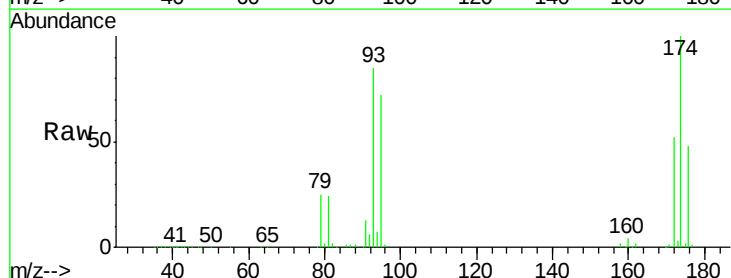
Tgt Ion: 93 Resp: 107983

Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 118.6 92.4 138.6





#47

Bromodichloromethane

Concen: 54.951 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

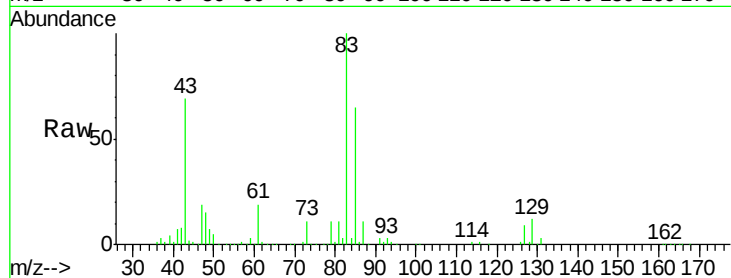
Tgt Ion: 83 Resp: 204332

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

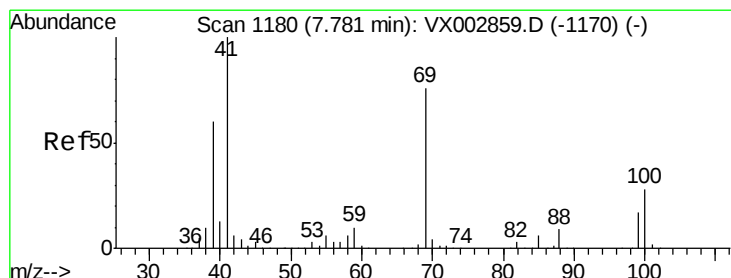
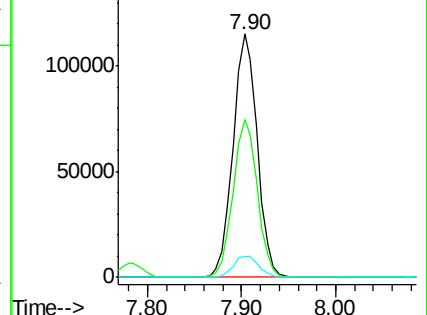
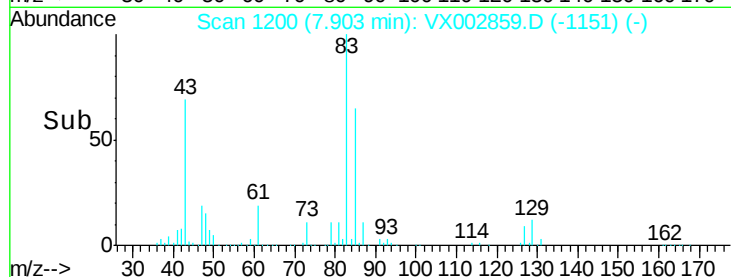
127 8.8 7.0 10.4



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: 50.485 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

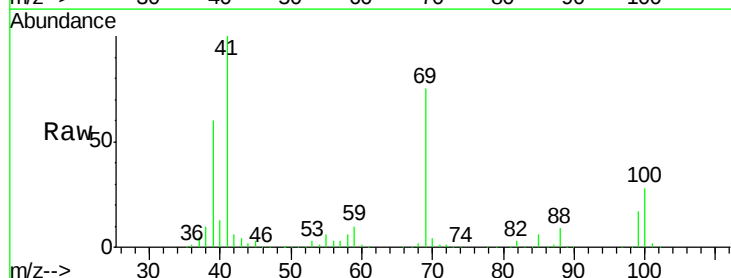
Tgt Ion: 41 Resp: 193221

Ion Ratio Lower Upper

41 100

69 75.3 59.1 88.7

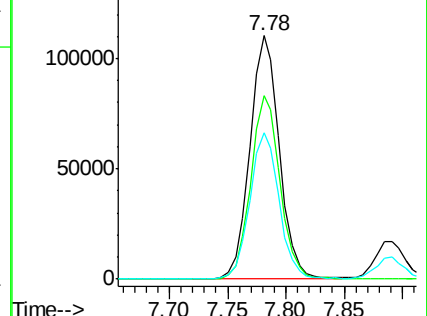
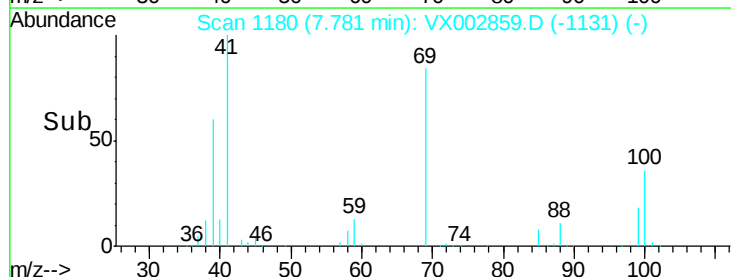
39 60.0 48.9 73.3

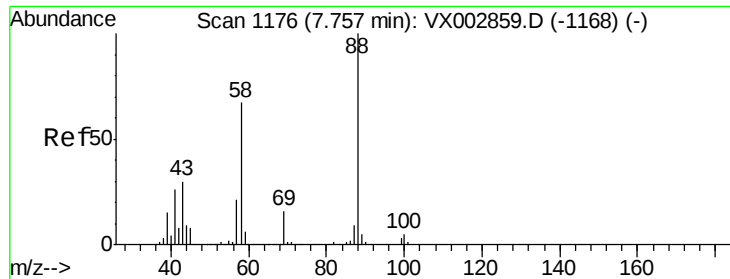


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

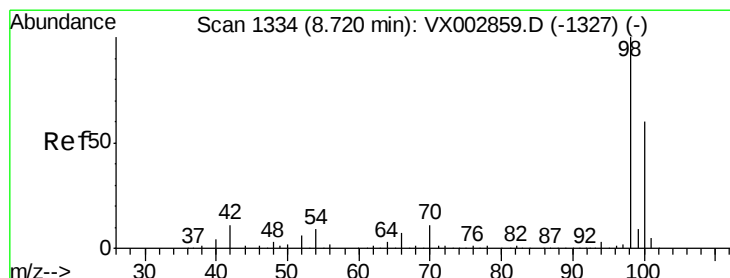
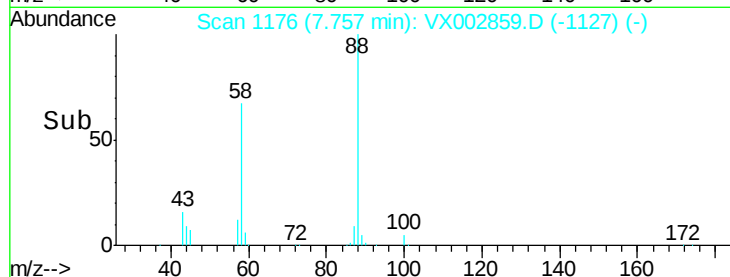
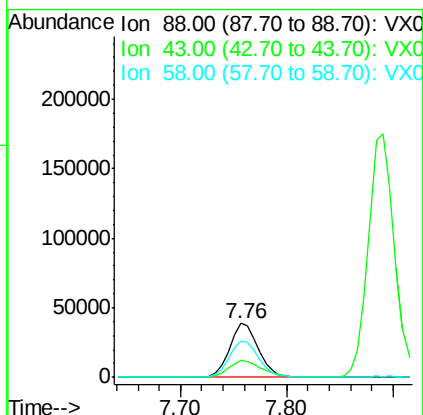
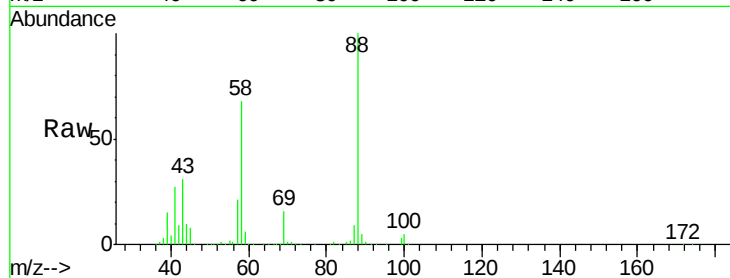




#49
1,4-Dioxane
Concen: 1015.668 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

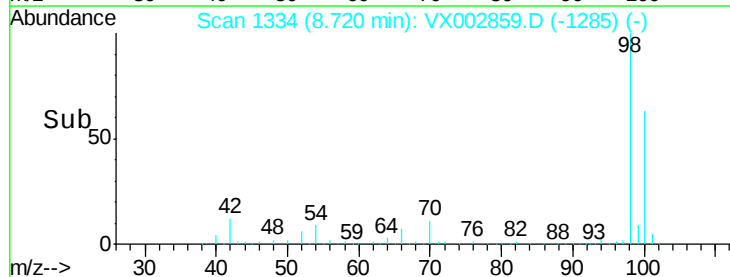
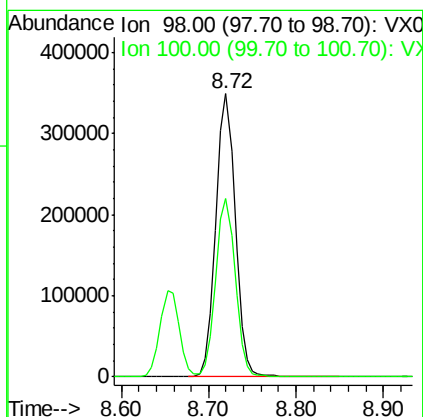
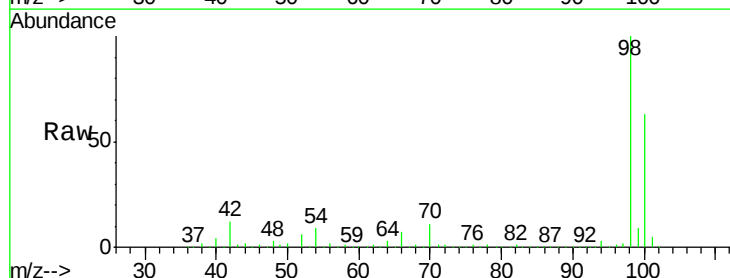
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

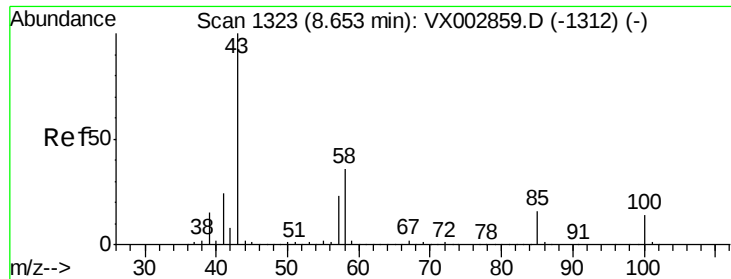
Tgt Ion: 88 Resp: 73614
Ion Ratio Lower Upper
88 100
43 35.3 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 47.327 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 98 Resp: 539302
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 244.154 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

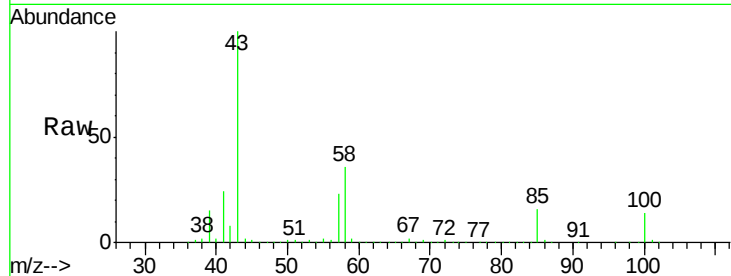
VSTDICCC050

Tgt Ion: 43 Resp: 1174075

Ion Ratio Lower Upper

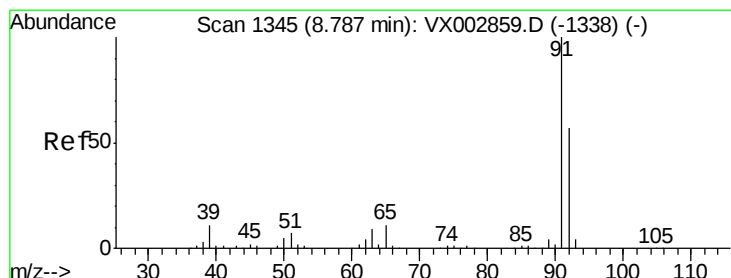
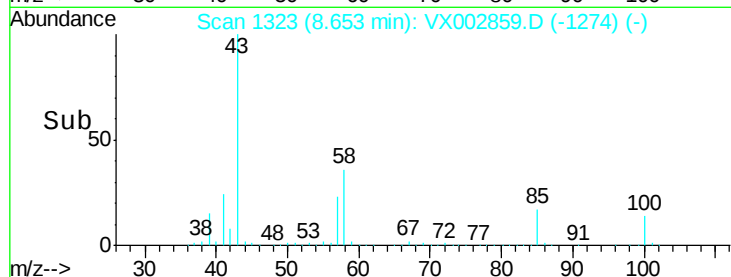
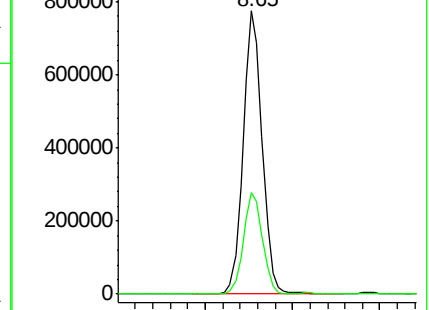
43 100

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: 49.800 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002859.D

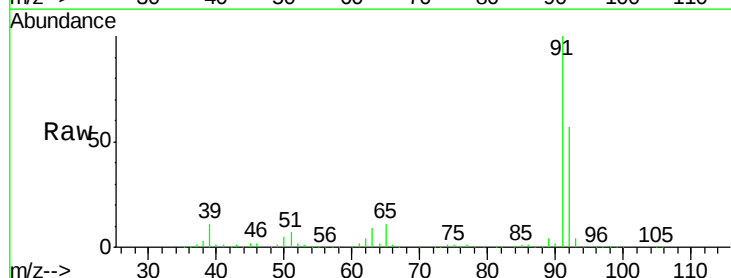
Acq: 25 Jun 2018 12:14

Tgt Ion: 92 Resp: 380424

Ion Ratio Lower Upper

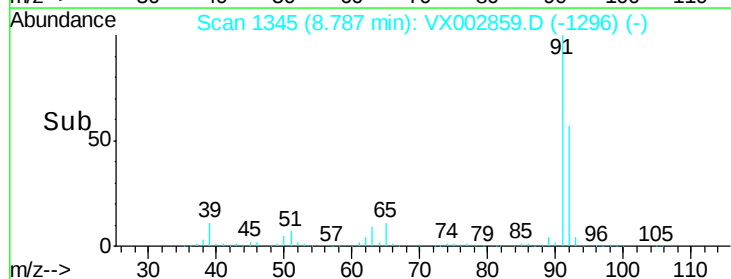
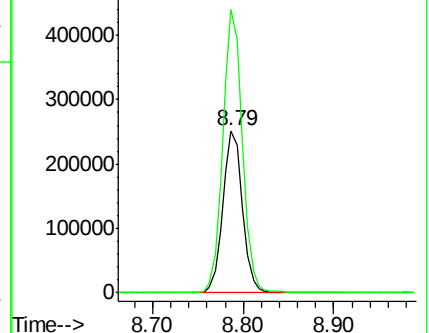
92 100

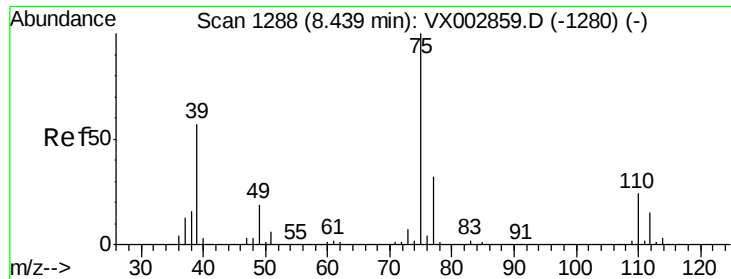
91 173.8 140.4 210.6



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: 54.668 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

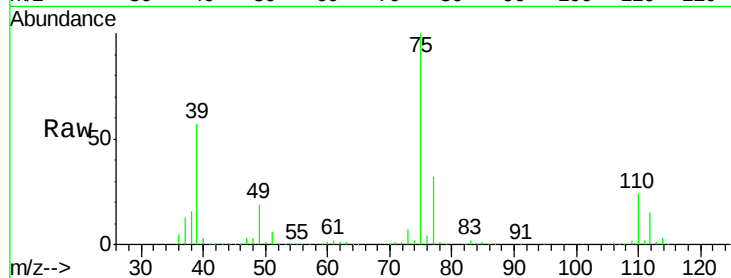
VSTDICCC050

Tgt Ion: 75 Resp: 239185

Ion Ratio Lower Upper

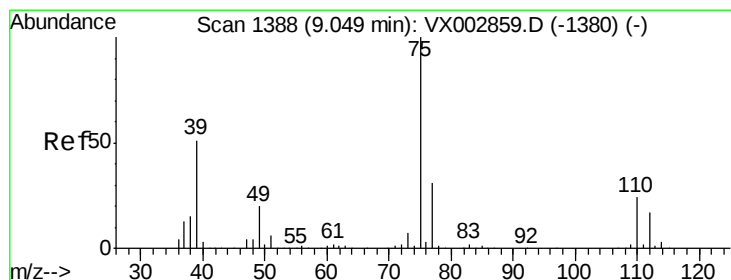
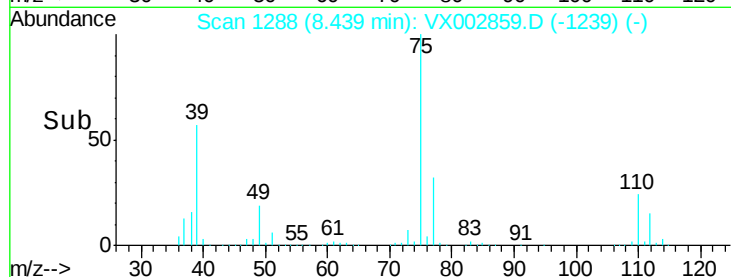
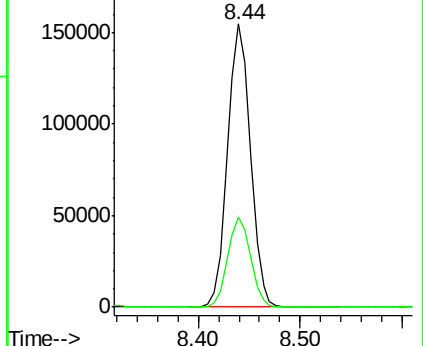
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 55.944 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

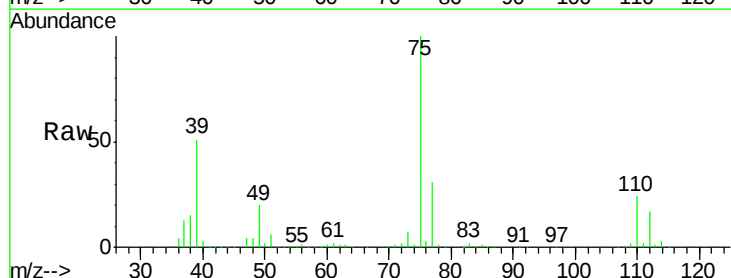
Tgt Ion: 75 Resp: 226732

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

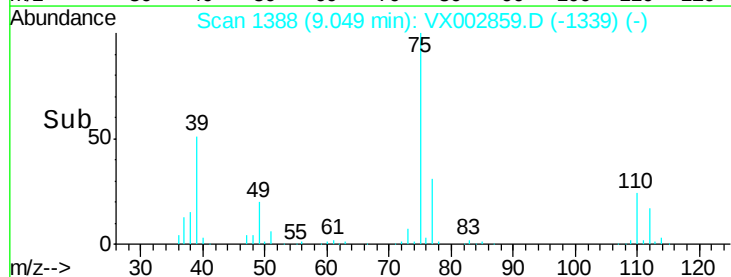
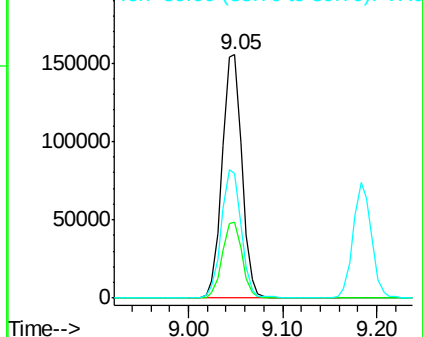
39 50.9 42.4 63.6

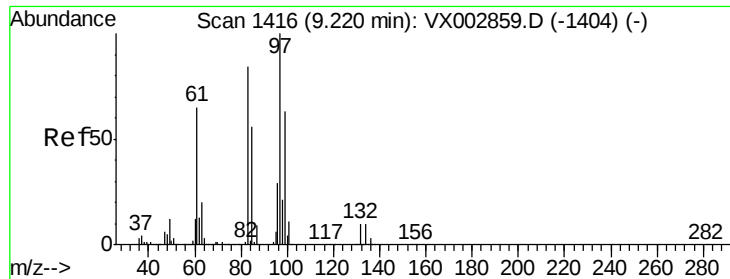


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

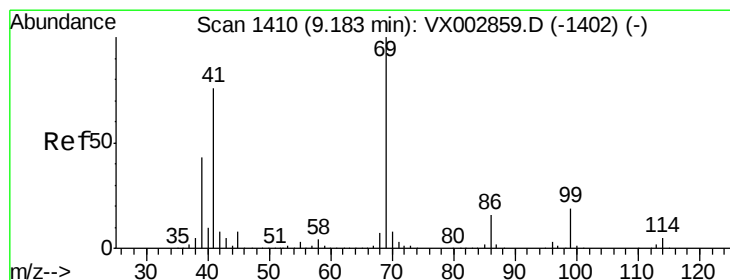
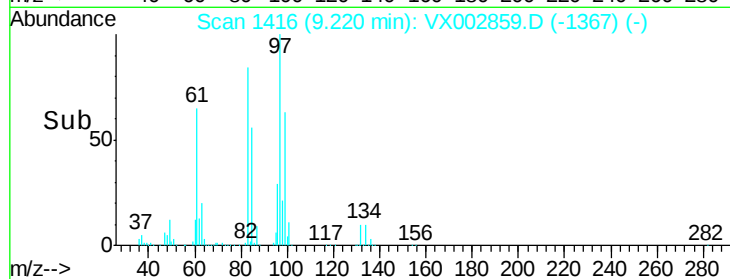
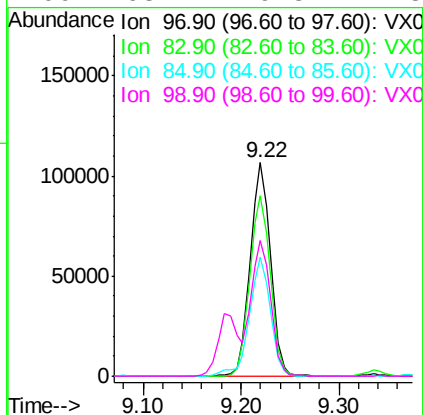
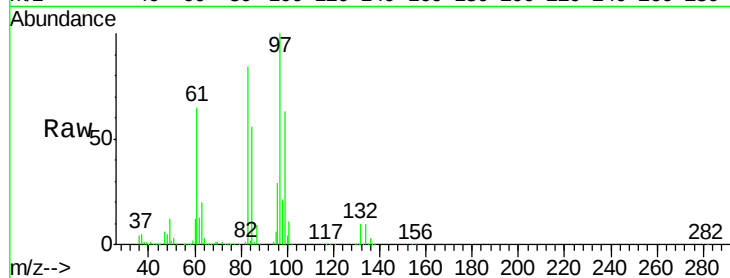




#55
 1,1,2-Trichloroethane
 Concen: 49.932 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

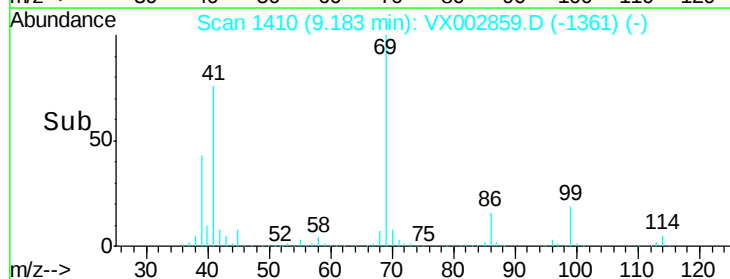
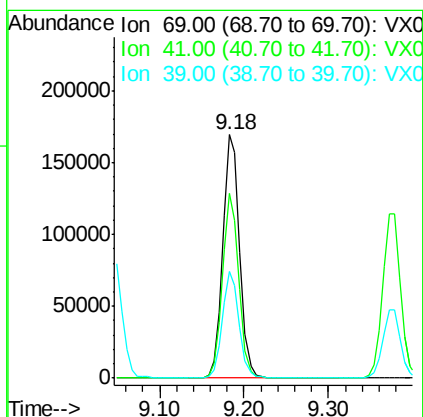
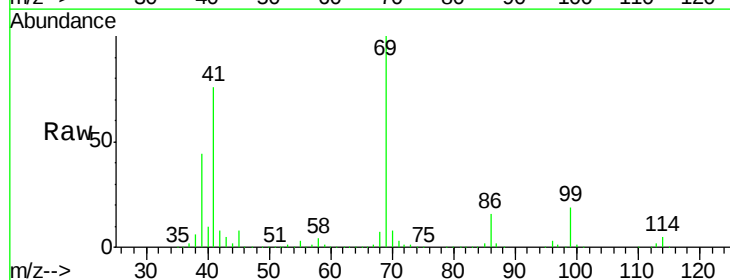
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

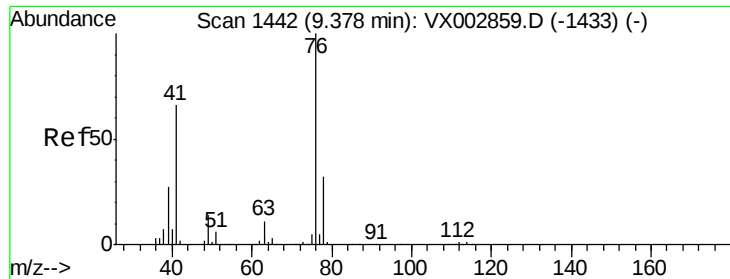
Tgt Ion:	97	Resp:	154126
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	55.7	44.9	67.3
99	63.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 48.722 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion:	69	Resp:	231438
Ion	Ratio	Lower	Upper
69	100		
41	73.8	60.3	90.5
39	43.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.550 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

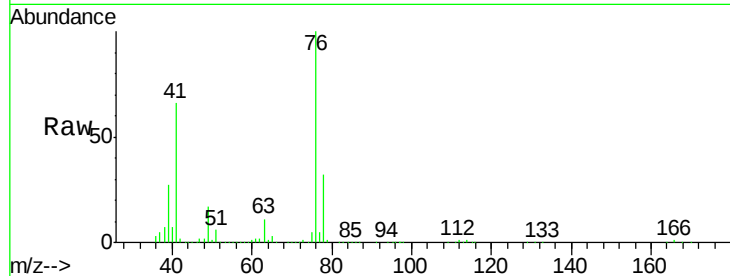
VSTDICCC050

Tgt Ion: 76 Resp: 253457

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

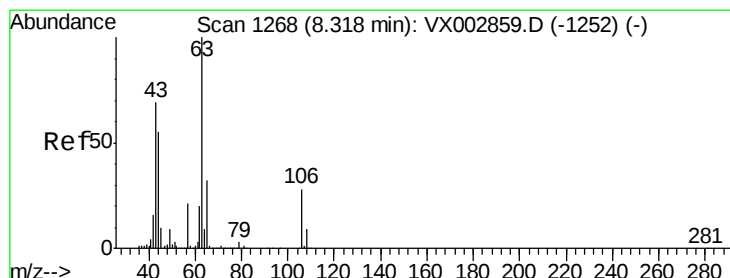
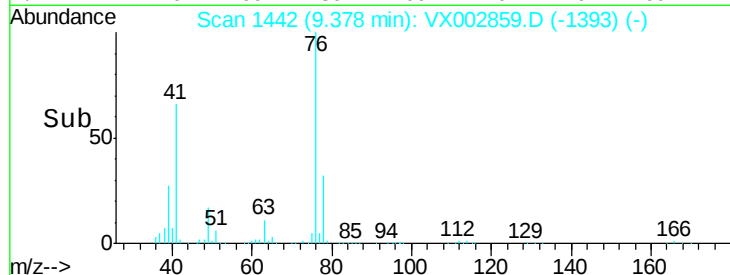
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.773 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002859.D

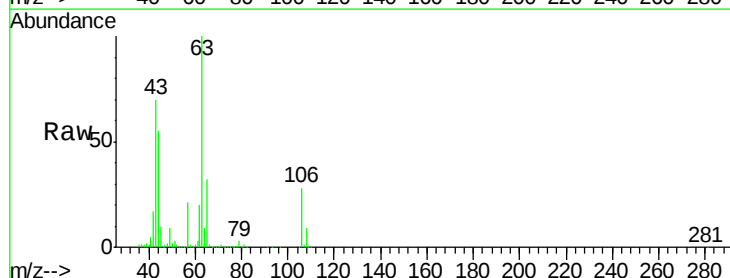
Acq: 25 Jun 2018 12:14

Tgt Ion: 63 Resp: 571561

Ion Ratio Lower Upper

63 100

106 28.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

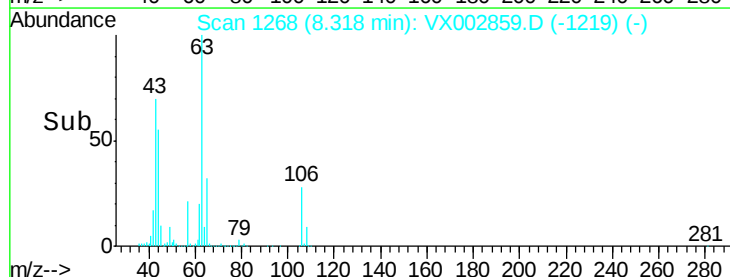
200000

100000

0

8.20 8.30 8.40

Time-->

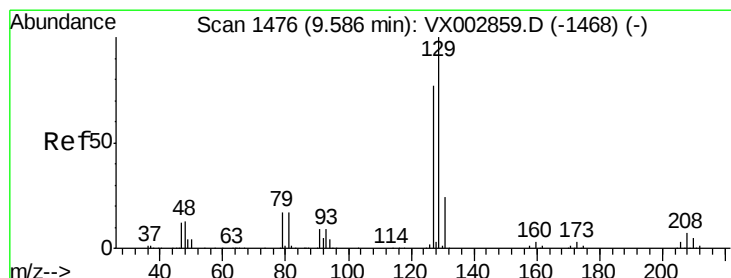
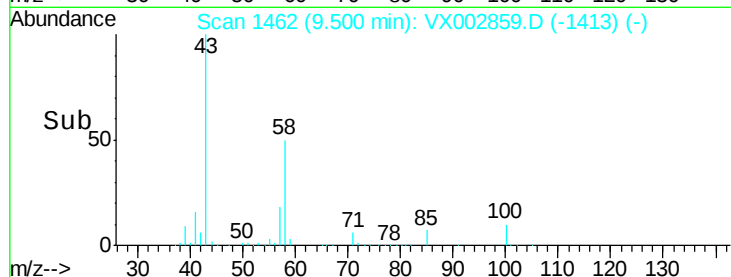
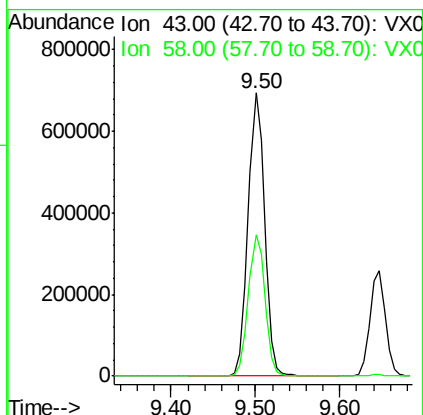
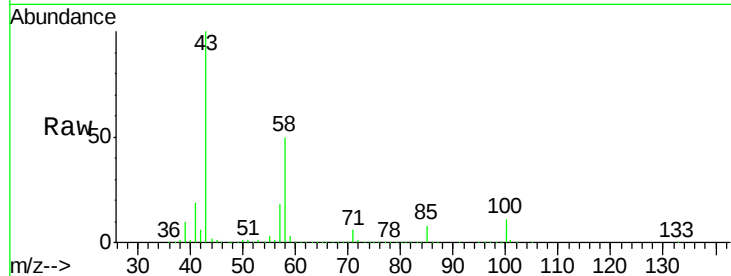




#59
2-Hexanone
Concen: 249.535 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

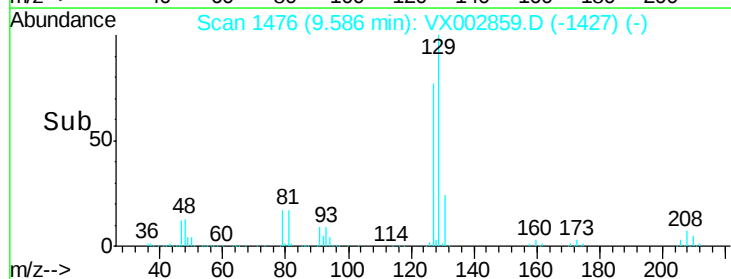
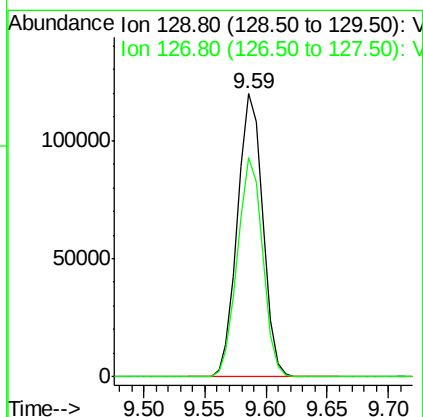
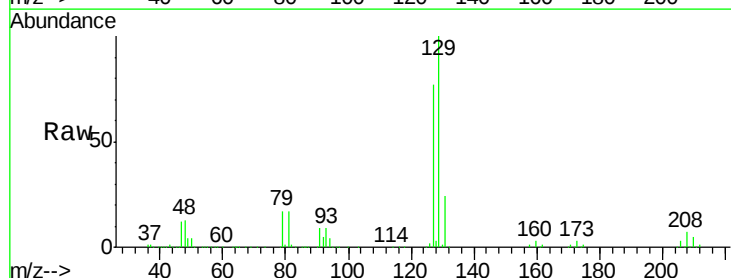
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

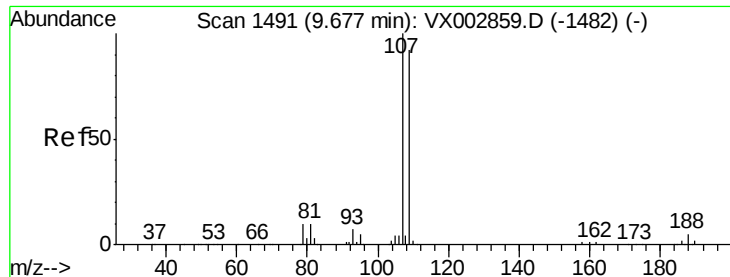
Tgt Ion: 43 Resp: 904212
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6



#60
Dibromochloromethane
Concen: 57.620 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 129 Resp: 171683
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.298 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

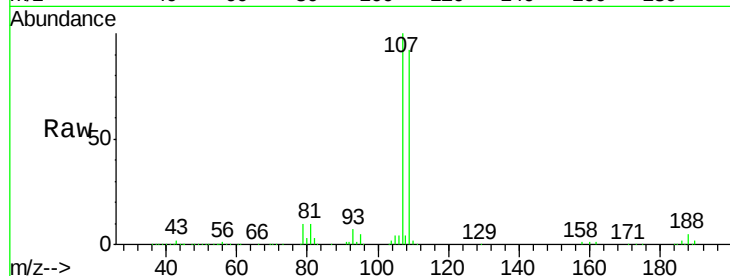
VSTDICCC050

Tgt Ion: 107 Resp: 163991

Ion Ratio Lower Upper

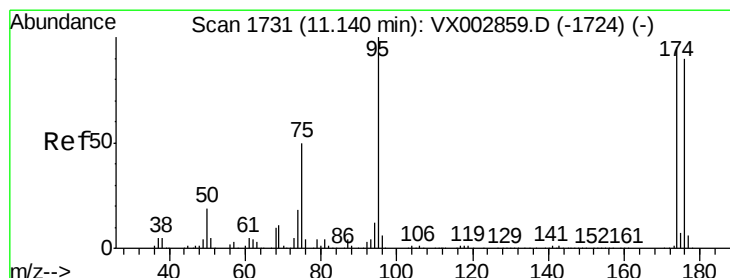
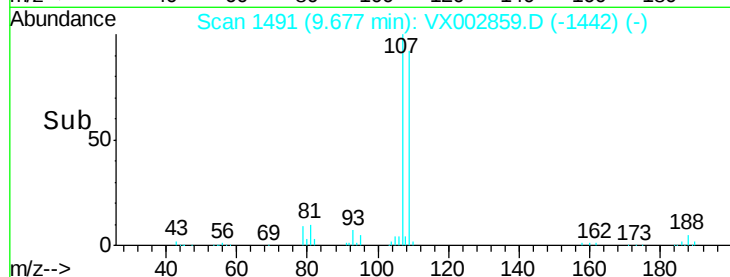
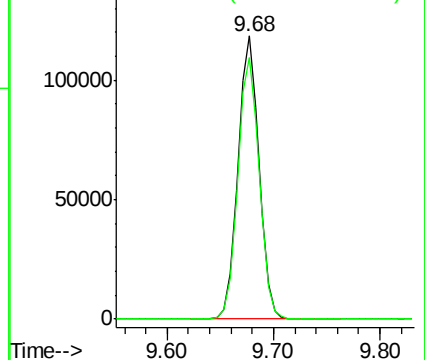
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.027 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

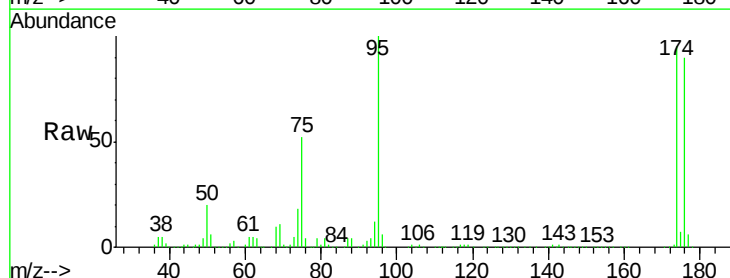
Tgt Ion: 95 Resp: 207385

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

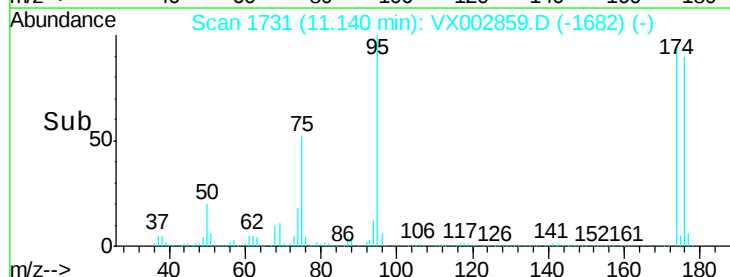
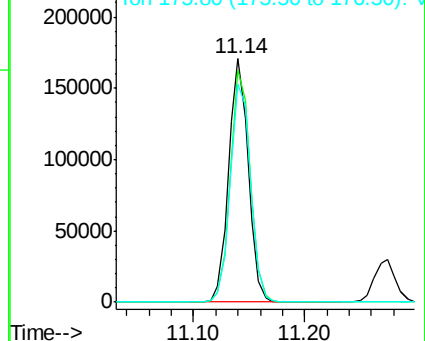
176 93.3 0.0 181.0

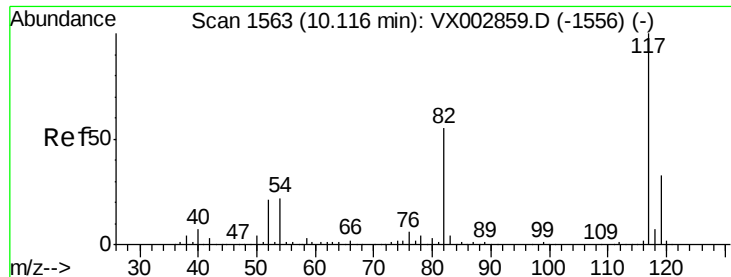


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

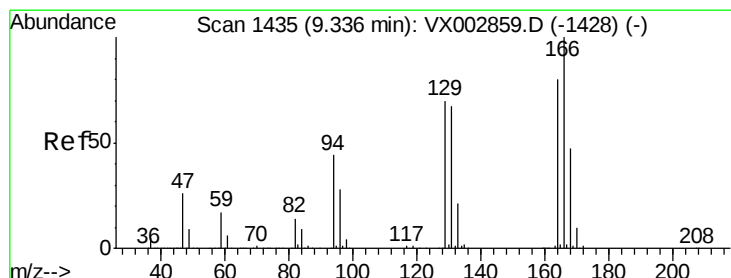
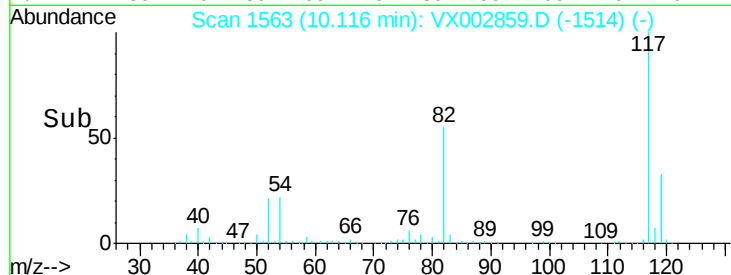
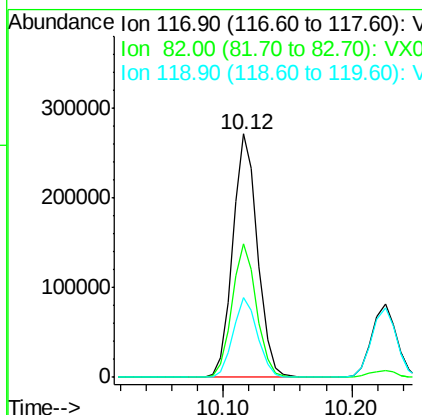
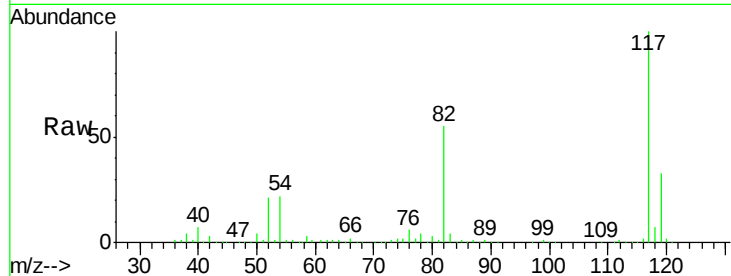




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

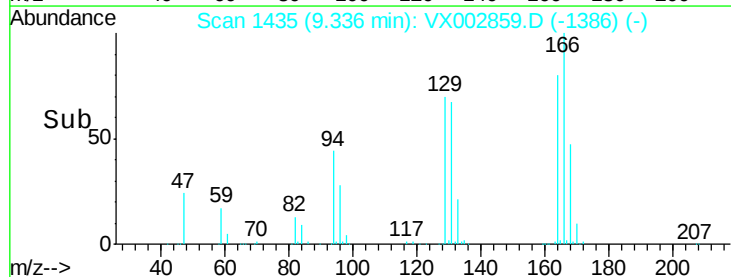
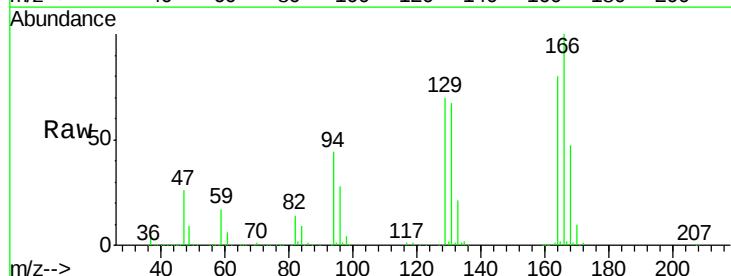
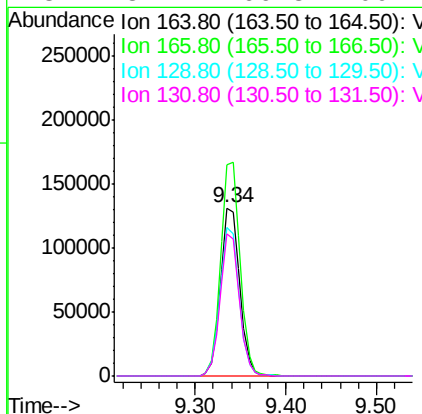
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 364048
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.159 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion:164 Resp: 194615
Ion Ratio Lower Upper
164 100
166 125.3 102.9 154.3
129 88.3 68.6 102.8
131 84.1 66.8 100.2

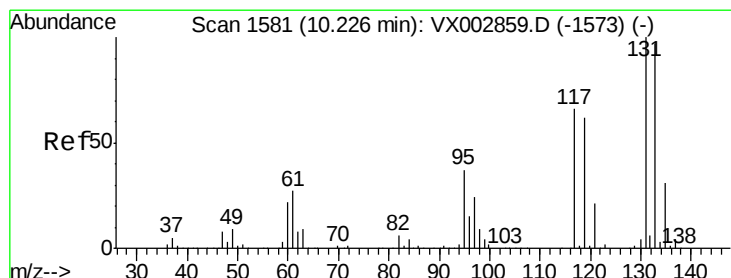
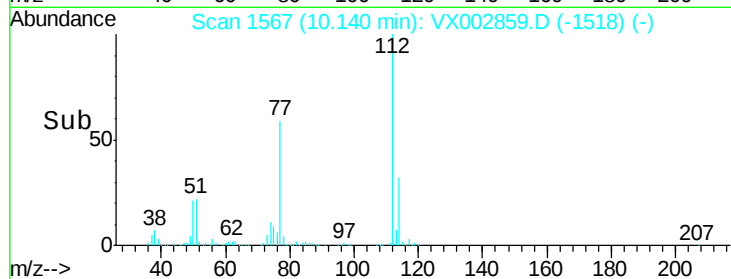
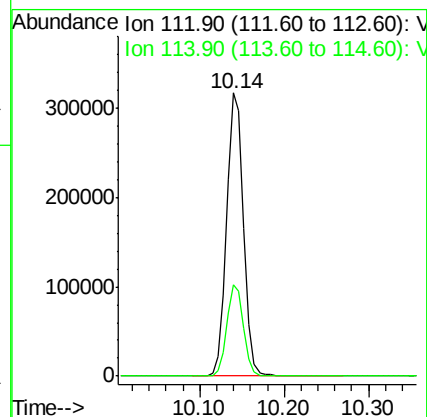
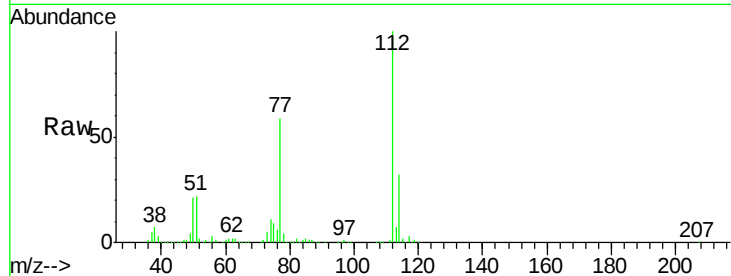




#65
Chlorobenzene
Concen: 49.111 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

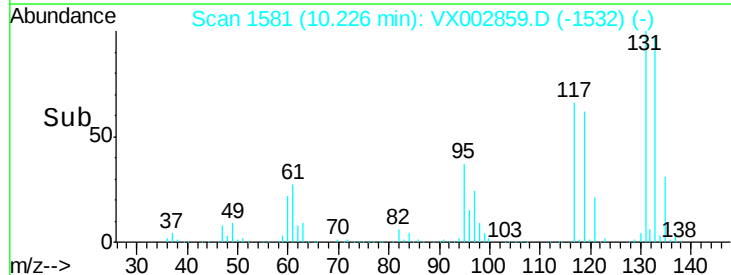
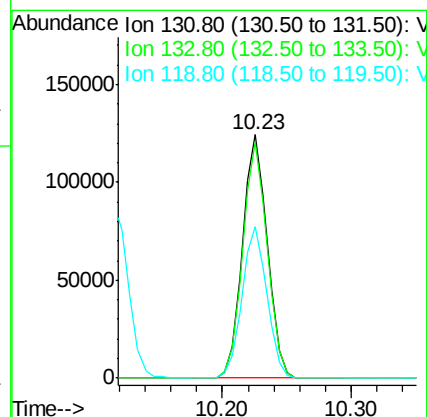
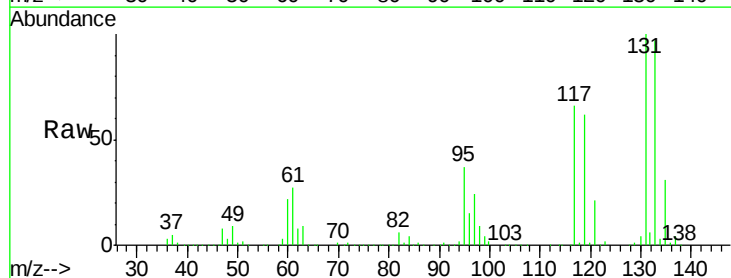
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

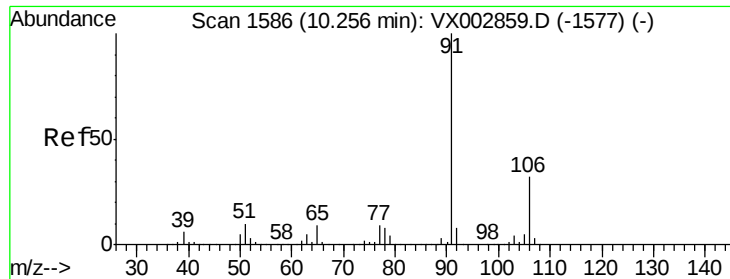
Tgt Ion:112 Resp: 439077
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.188 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion:131 Resp: 165167
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 62.2 31.8 95.3

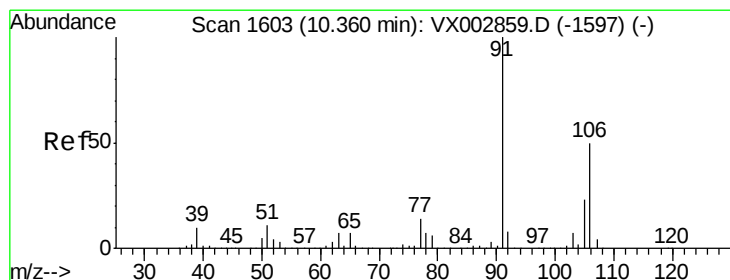
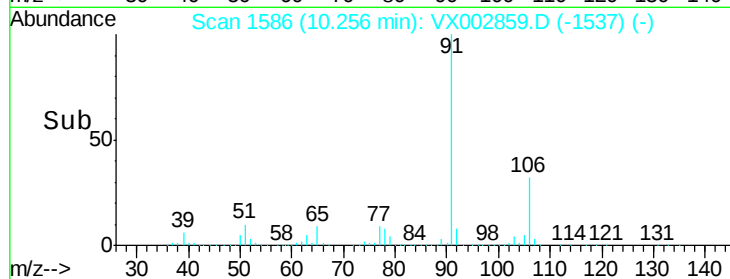
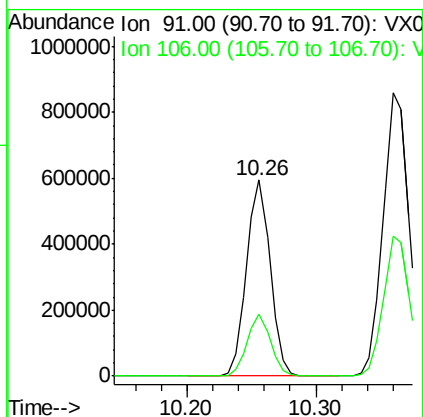
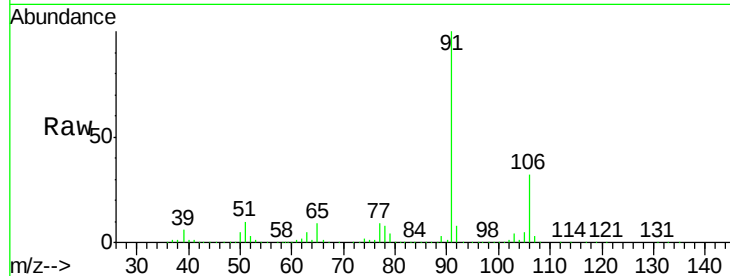




#67
Ethyl Benzene
Concen: 50.014 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

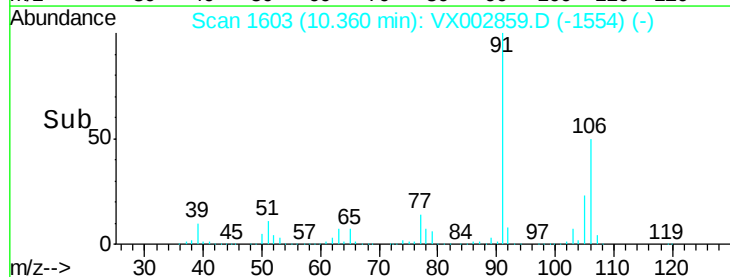
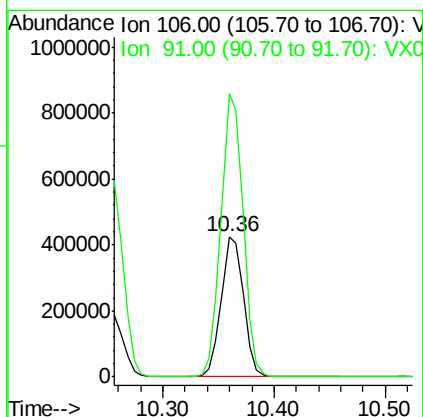
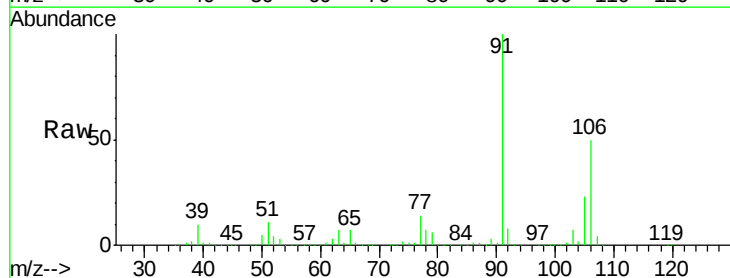
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

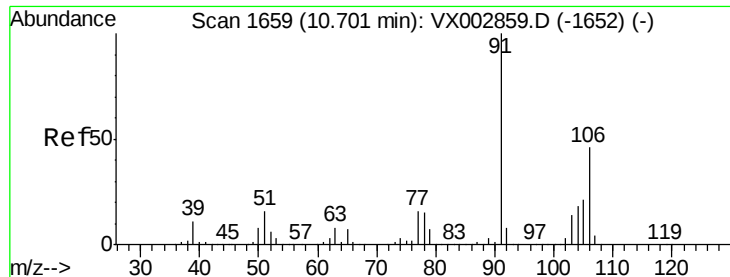
Tgt Ion: 91 Resp: 754201
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 100.832 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 106 Resp: 586533
Ion Ratio Lower Upper
106 100
91 202.4 163.4 245.2

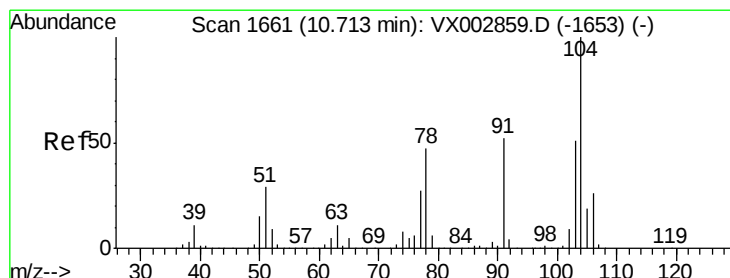
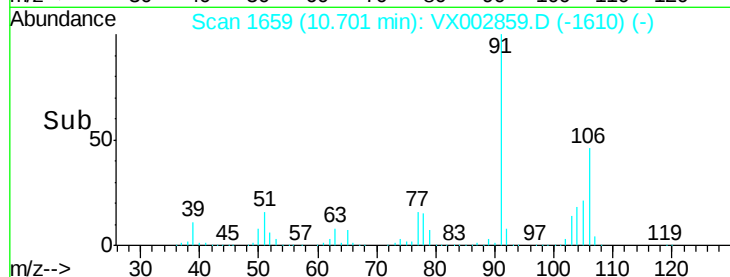
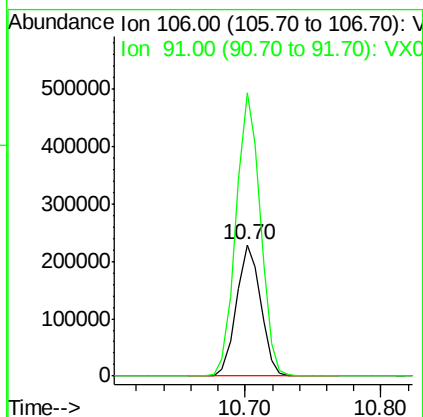
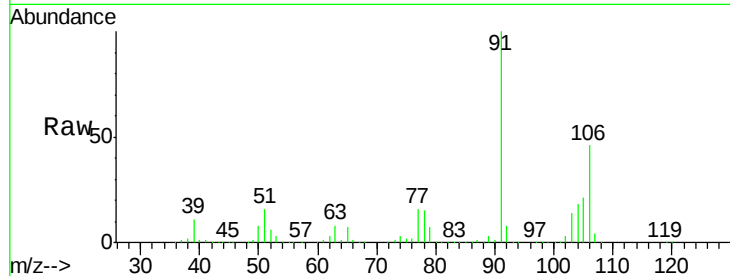




#69
o-Xylene
Concen: 49.935 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

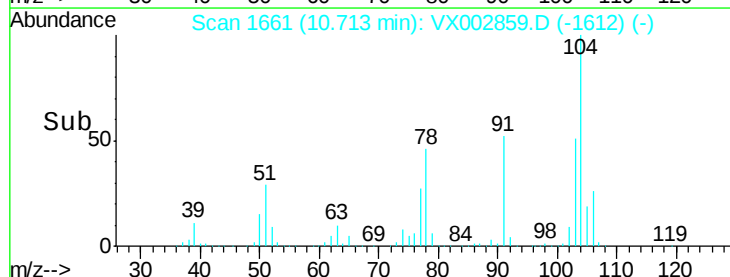
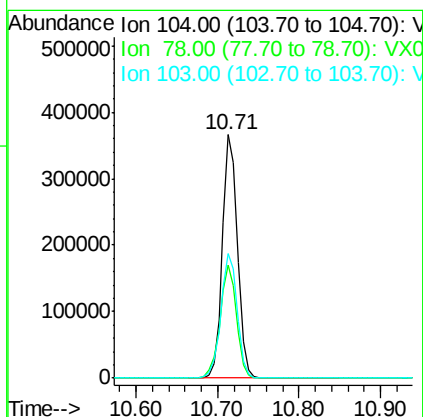
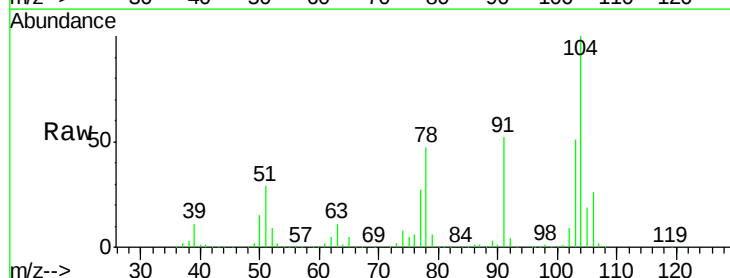
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 285385
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6



#70
Styrene
Concen: 50.247 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion:104 Resp: 472264
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.7 44.2 66.4

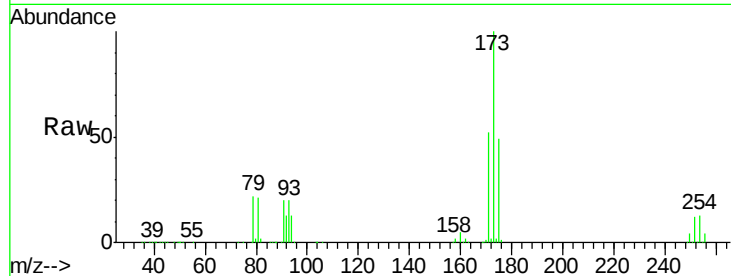




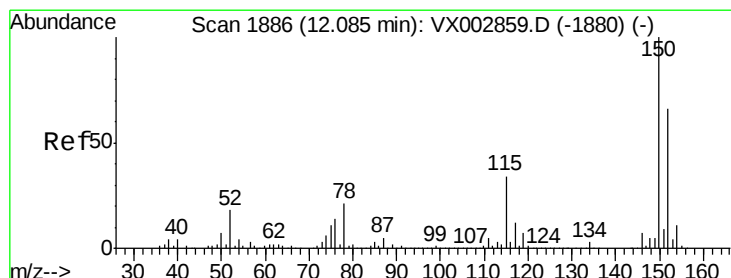
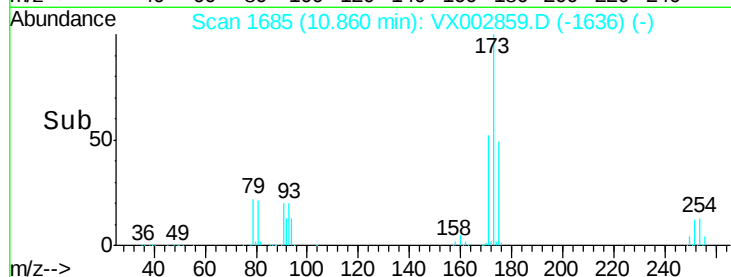
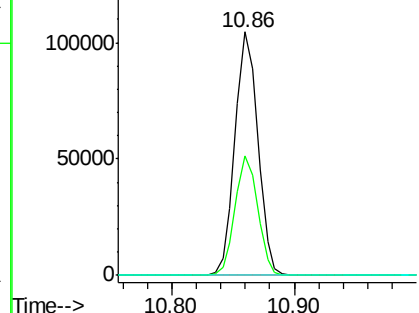
#71
Bromoform
Concen: 58.932 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:173 Resp: 134992
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2#

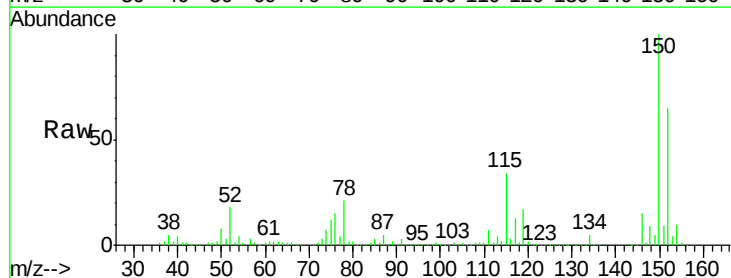


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

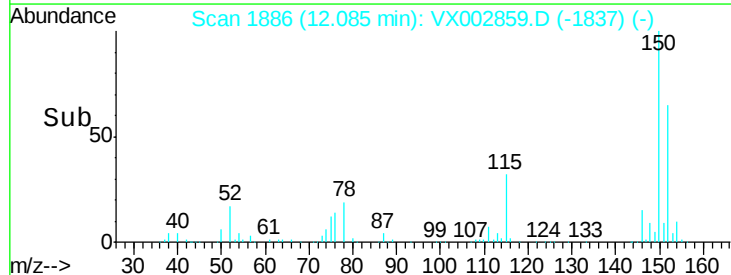
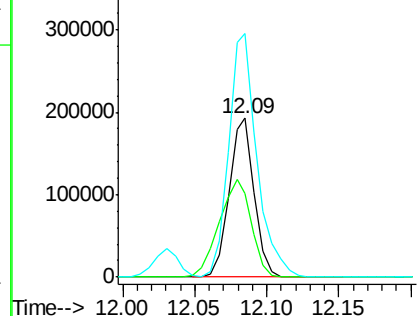


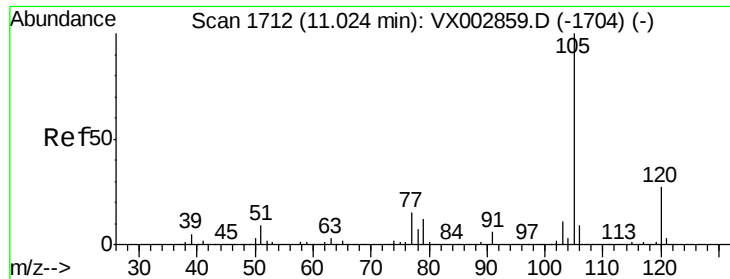
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion:152 Resp: 234341
Ion Ratio Lower Upper
152 100
115 78.7 40.1 120.2
150 173.8 0.0 347.2



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





#73

Isopropylbenzene

Concen: 49.707 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

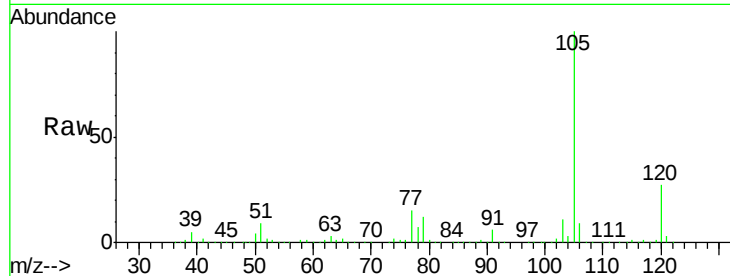
VSTDICCC050

Tgt Ion: 105 Resp: 779052

Ion Ratio Lower Upper

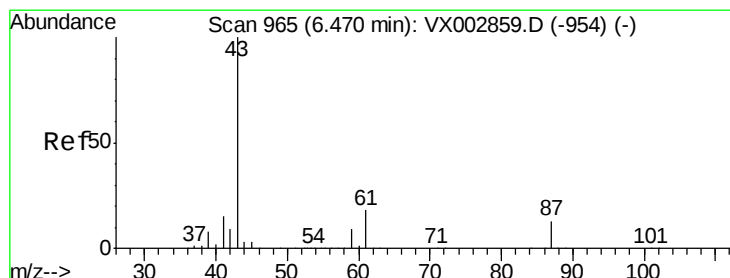
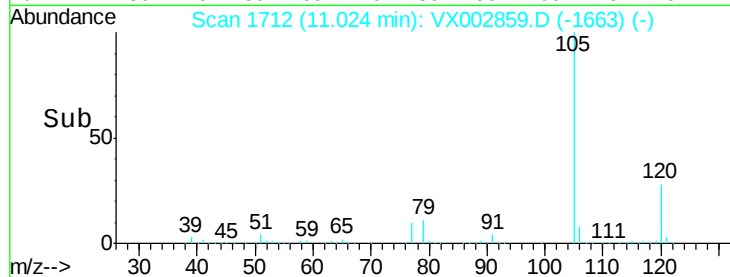
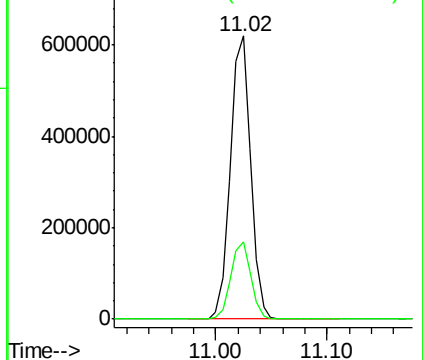
105 100

120 27.1 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: 46.281 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion: 43 Resp: 360395

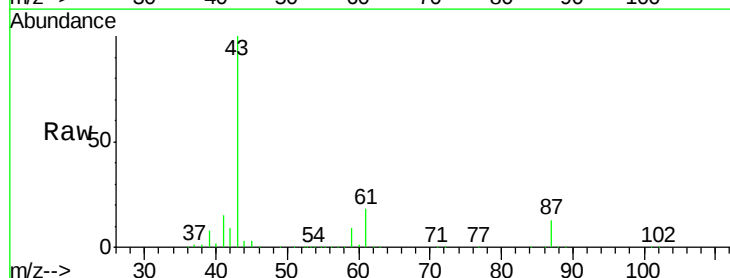
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

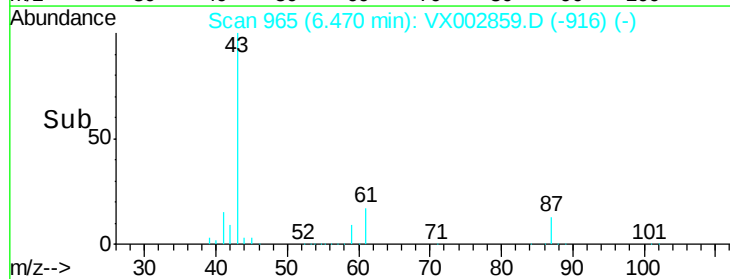
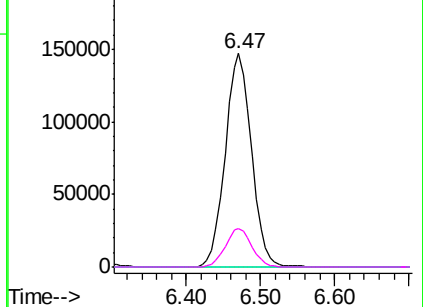


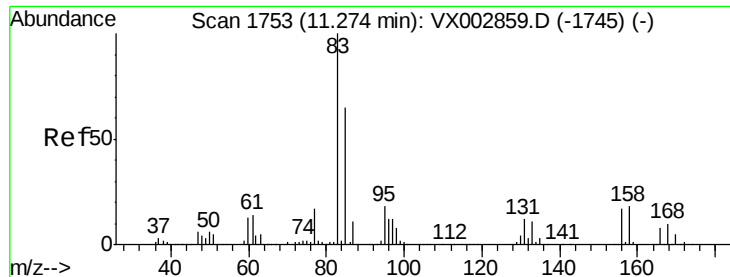
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.337 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

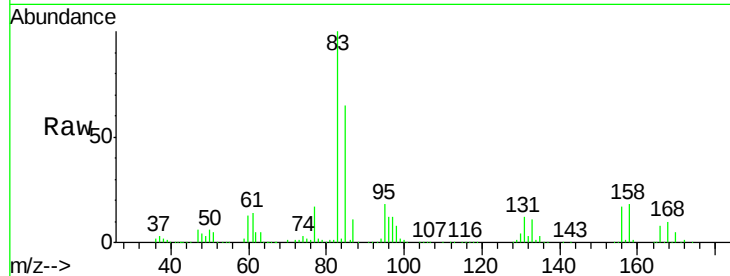
Tgt Ion: 83 Resp: 228351

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

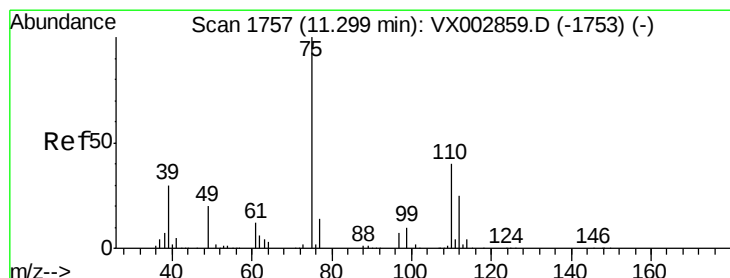
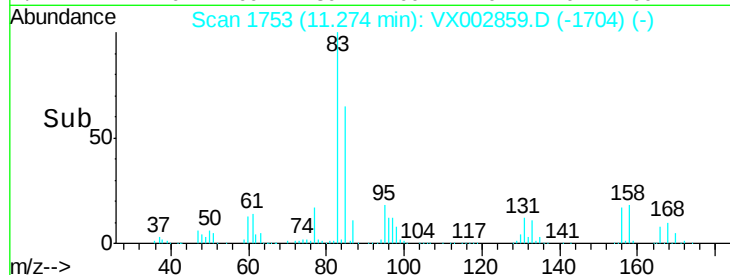
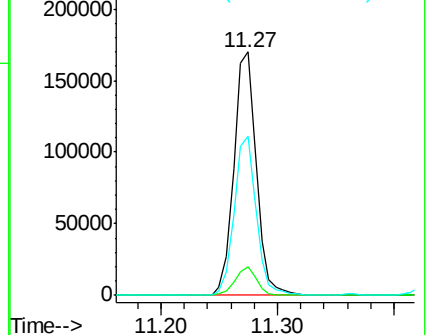
85 64.6 32.4 97.2



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: 61.990 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002859.D

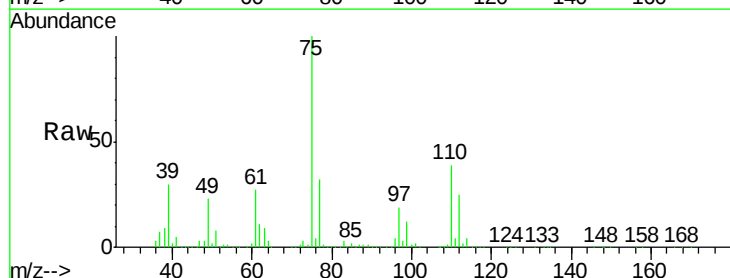
Acq: 25 Jun 2018 12:14

Tgt Ion: 75 Resp: 274121

Ion Ratio Lower Upper

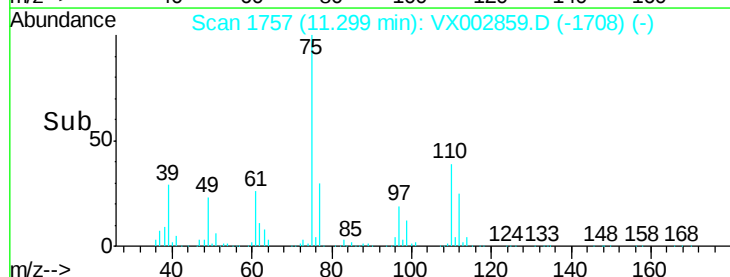
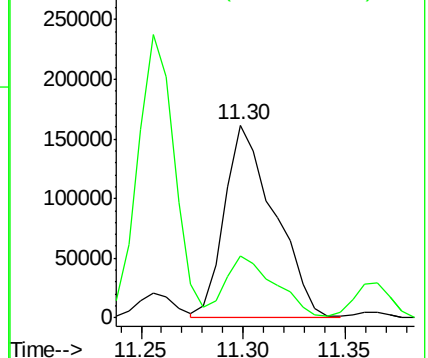
75 100

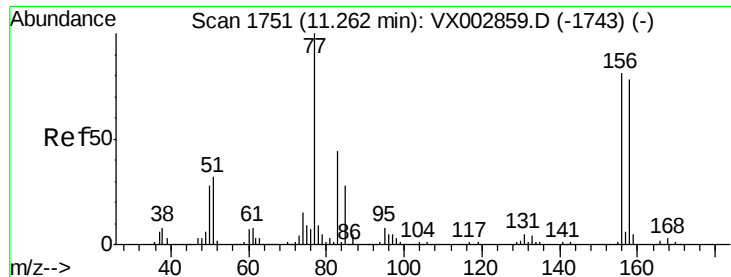
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.406 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

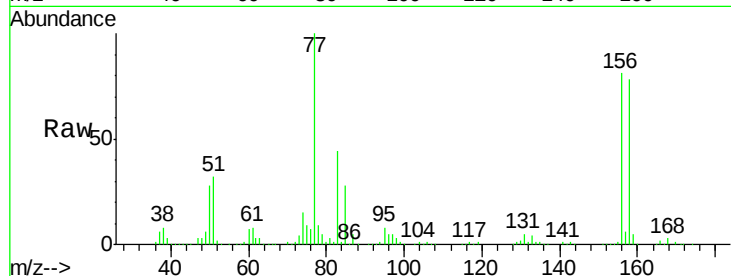
Tgt Ion:156 Resp: 215725

Ion Ratio Lower Upper

156 100

77 137.6 71.4 214.2

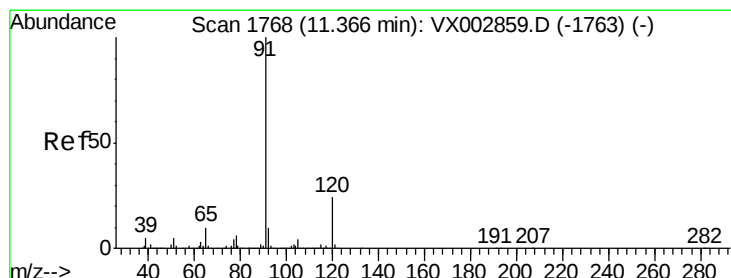
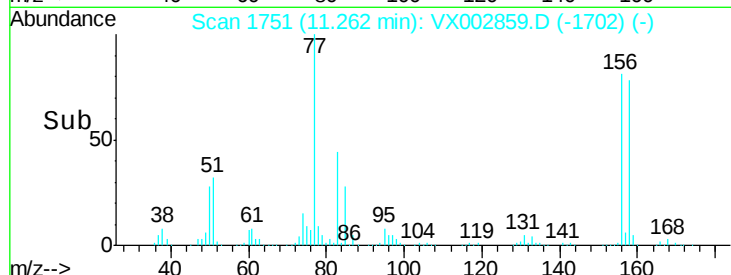
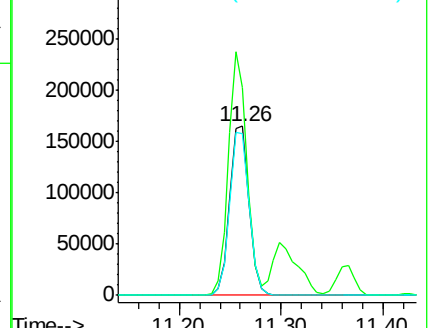
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.771 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002859.D

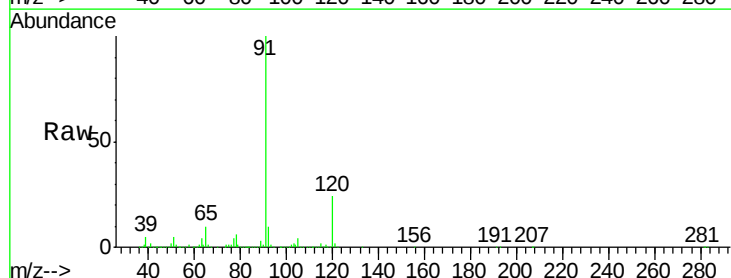
Acq: 25 Jun 2018 12:14

Tgt Ion: 91 Resp: 894616

Ion Ratio Lower Upper

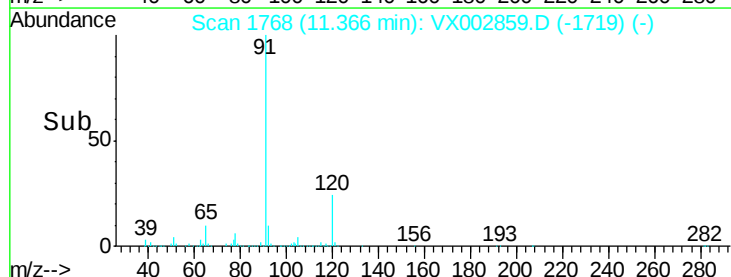
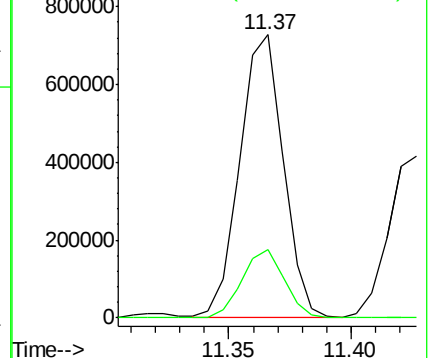
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

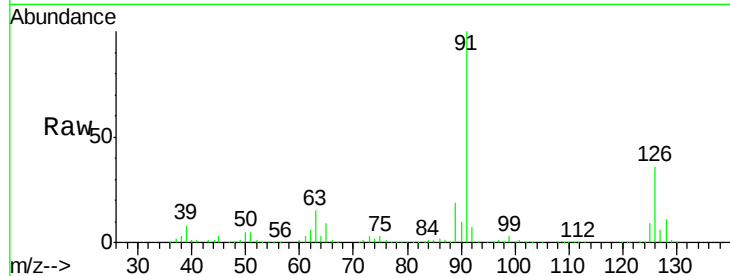




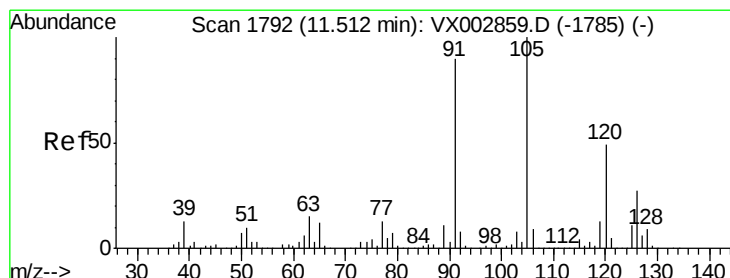
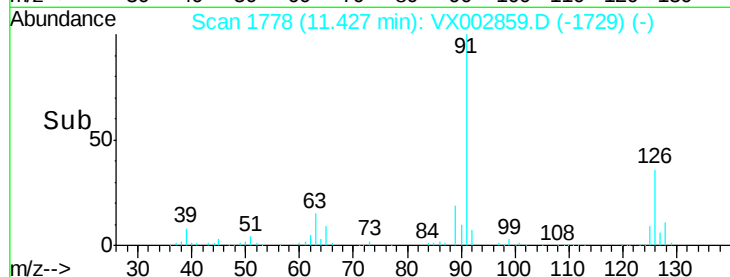
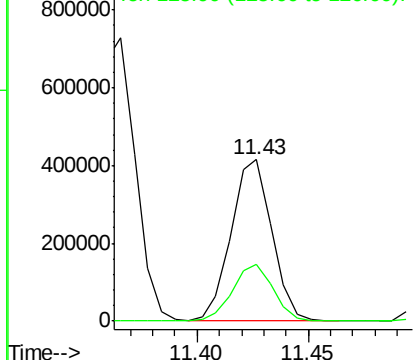
#79
 2-Chlorotoluene
 Concen: 49.147 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 527434
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1

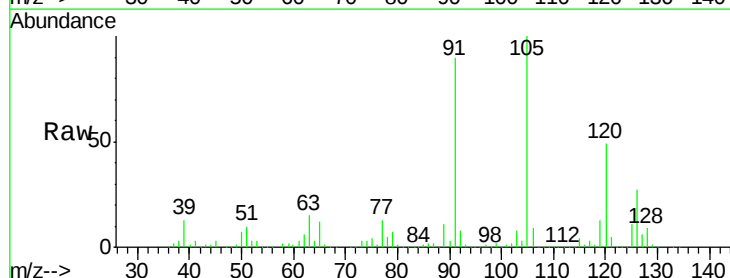


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

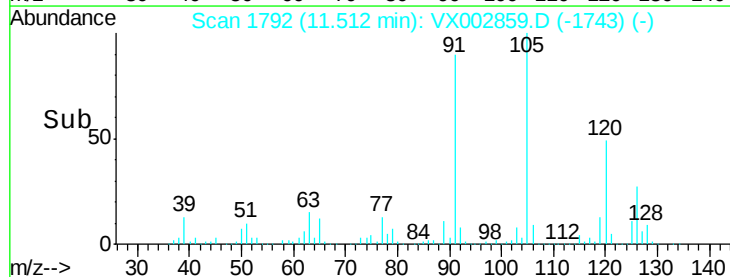
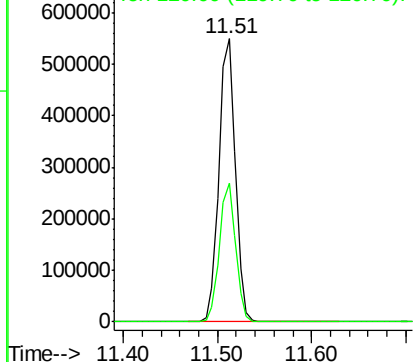


#80
 1,3,5-Trimethylbenzene
 Concen: 50.216 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 105 Resp: 665130
 Ion Ratio Lower Upper
 105 100
 120 48.5 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: 56.524 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

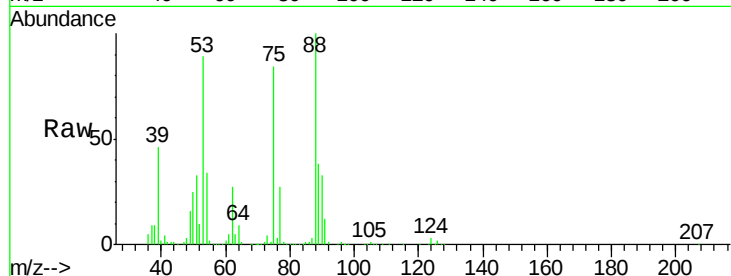
Tgt Ion: 75 Resp: 66068

Ion Ratio Lower Upper

75 100

53 108.9 86.8 130.2

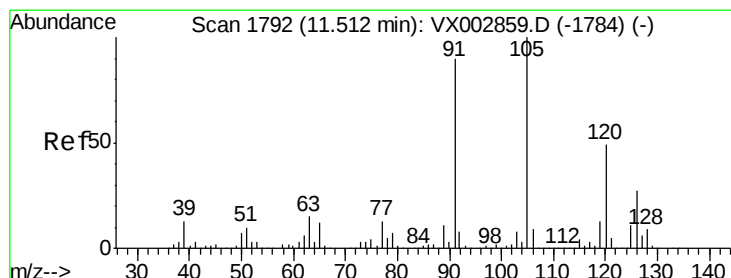
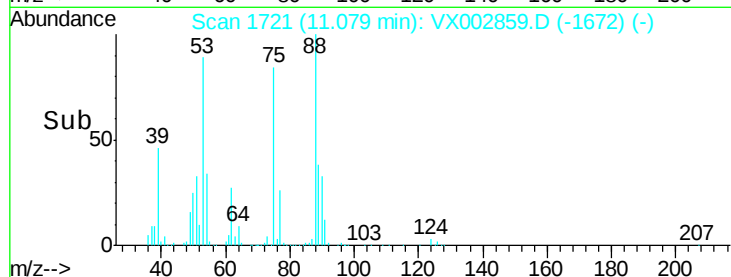
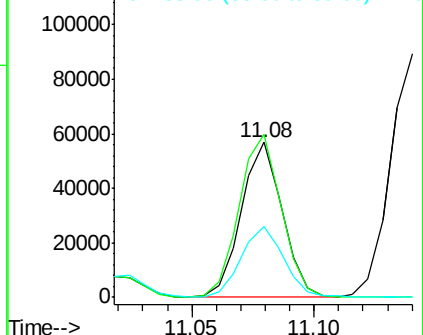
89 47.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.794 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002859.D

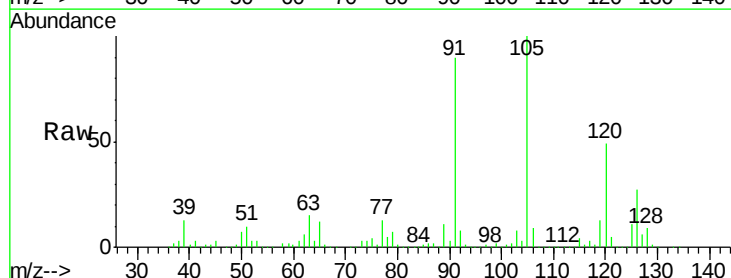
Acq: 25 Jun 2018 12:14

Tgt Ion: 91 Resp: 630540

Ion Ratio Lower Upper

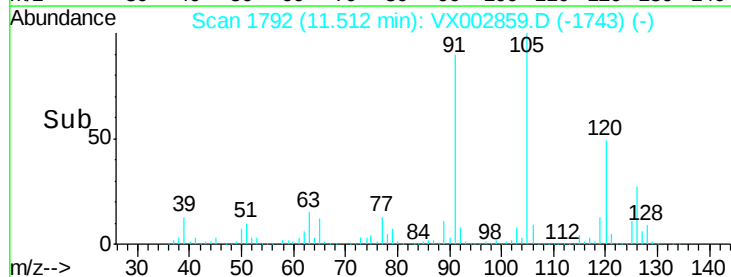
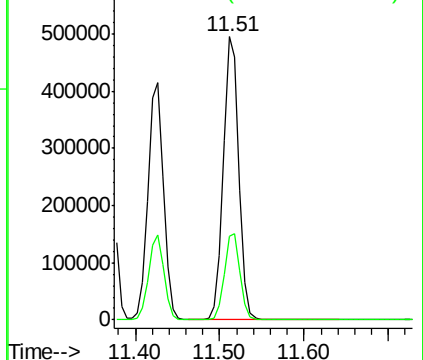
91 100

126 30.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

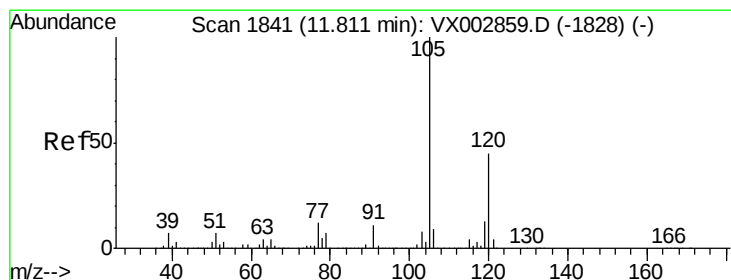
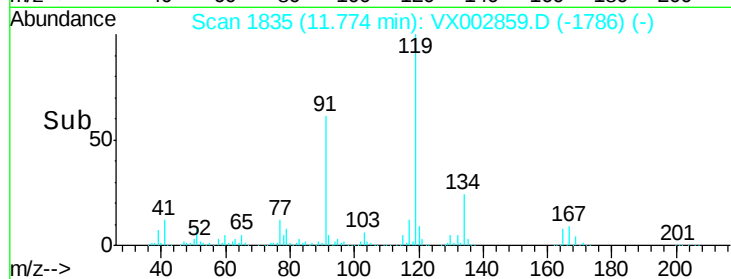
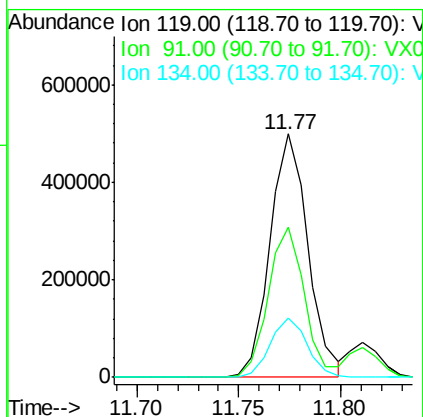
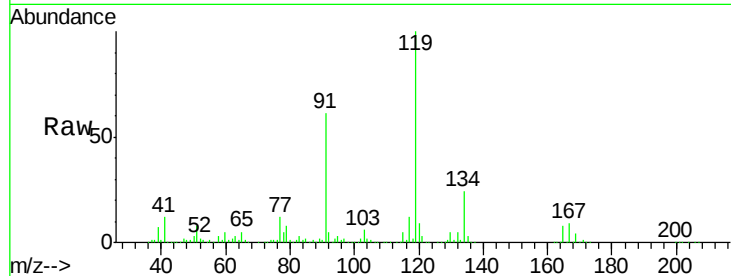




#83
 tert-Butylbenzene
 Concen: 50.875 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

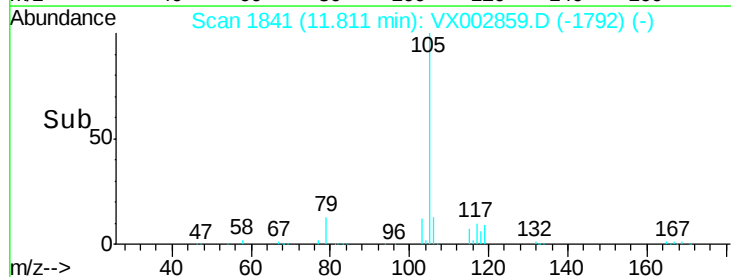
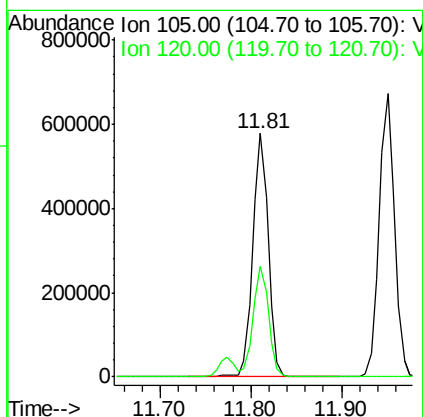
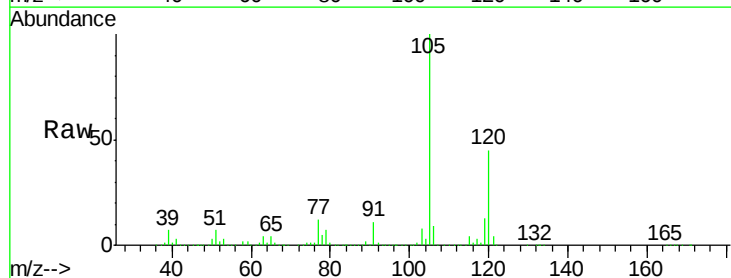
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

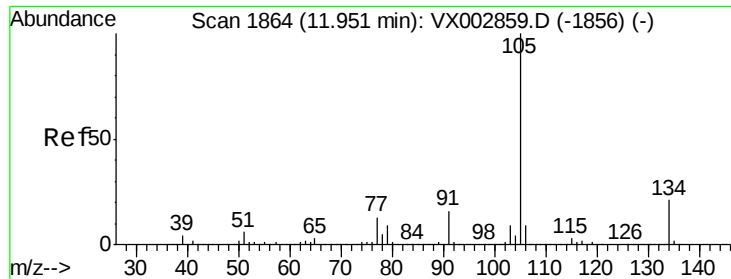
Tgt Ion:119 Resp: 649153
 Ion Ratio Lower Upper
 119 100
 91 59.1 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.576 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion:105 Resp: 683552
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8

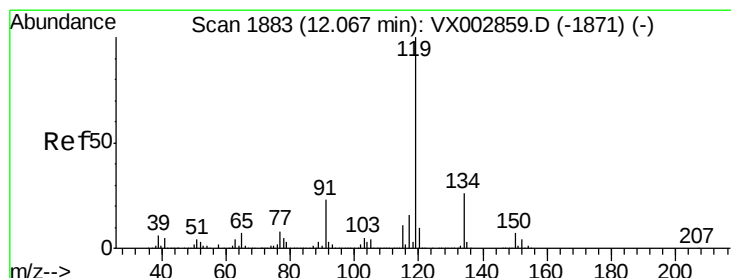
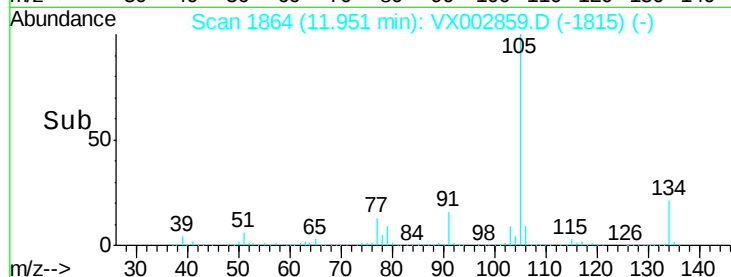
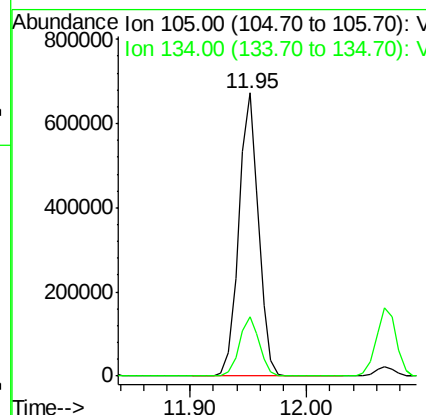
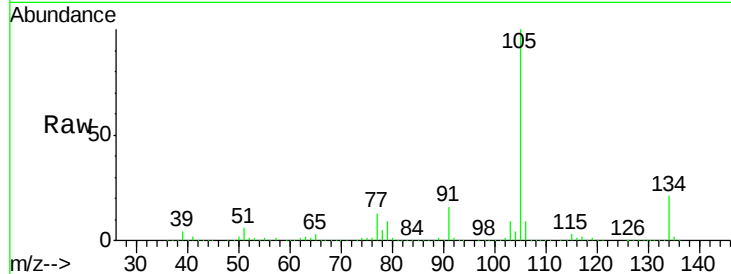




#85
 sec-Butylbenzene
 Concen: 49.799 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

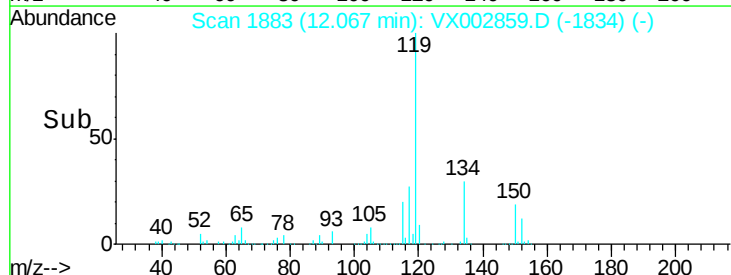
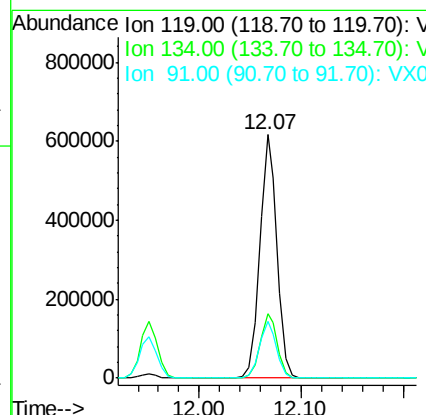
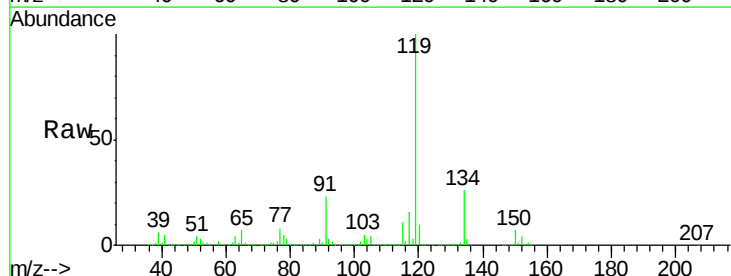
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 790107
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.466 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion:119 Resp: 724472
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.639 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

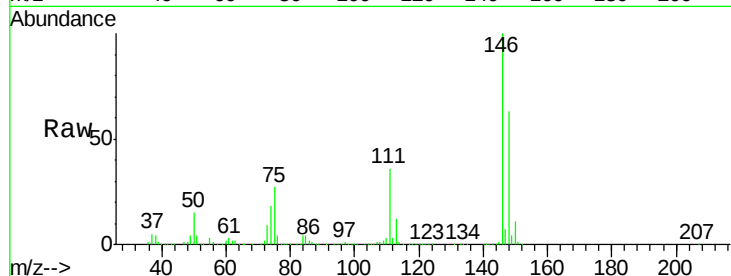
Tgt Ion:146 Resp: 397480

Ion Ratio Lower Upper

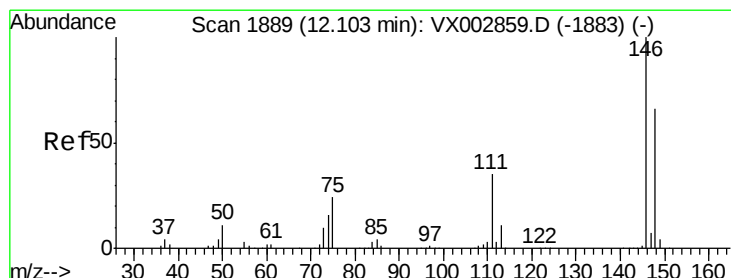
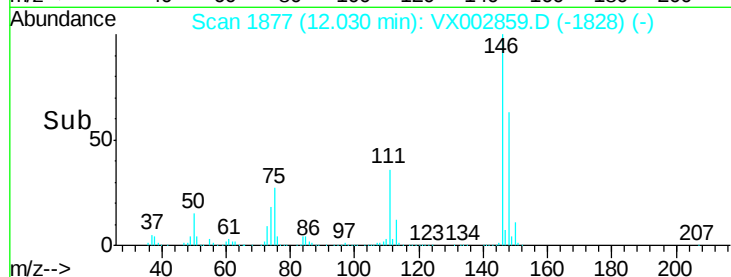
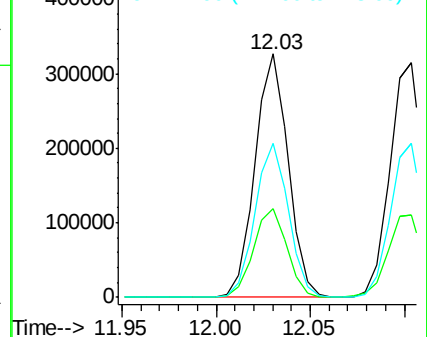
146 100

111 37.1 18.9 56.7

148 63.7 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 49.036 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

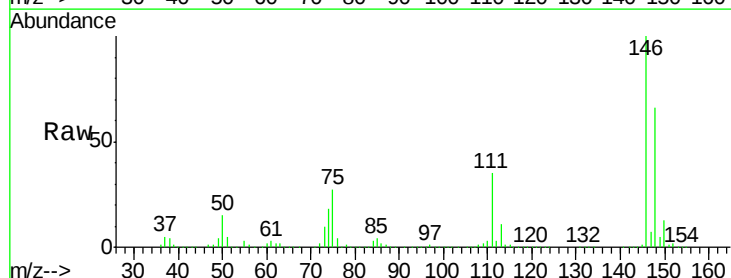
Tgt Ion:146 Resp: 399524

Ion Ratio Lower Upper

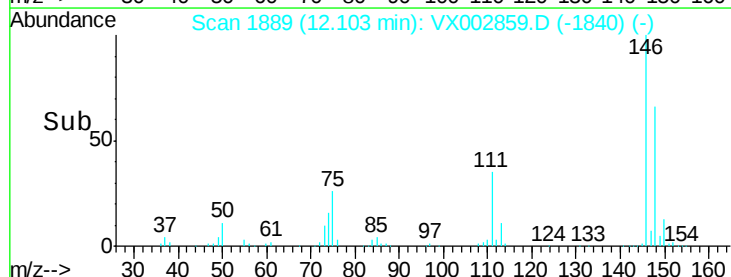
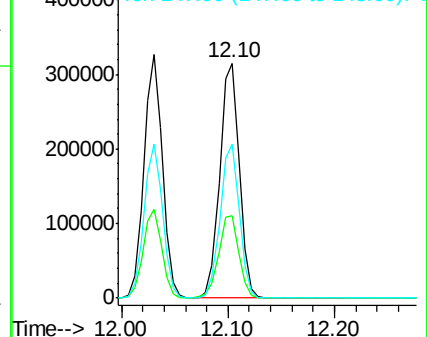
146 100

111 36.3 18.7 56.1

148 64.9 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: 49.060 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

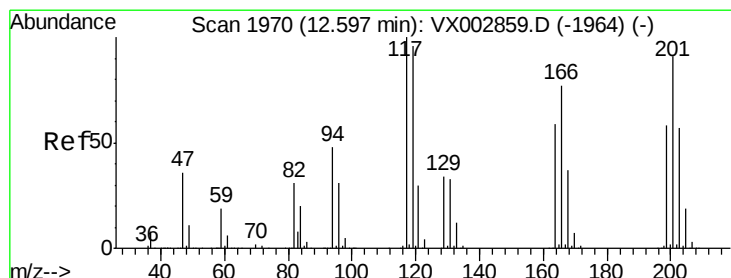
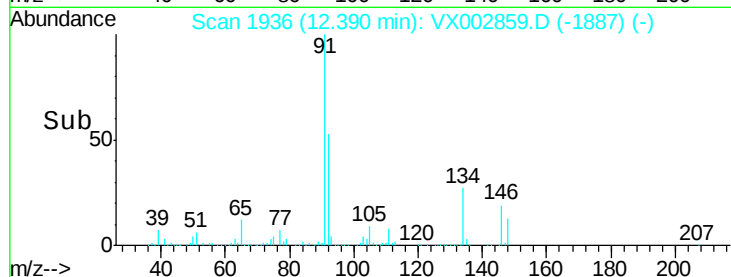
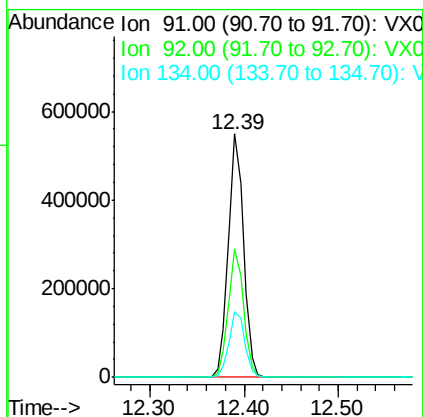
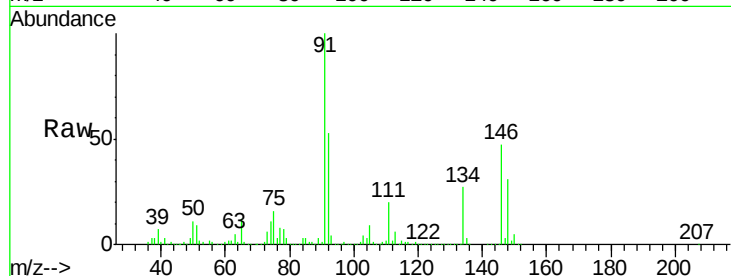
Tgt Ion: 91 Resp: 621305

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

134 27.8 13.5 40.5



#90

Hexachloroethane

Concen: 54.284 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002859.D

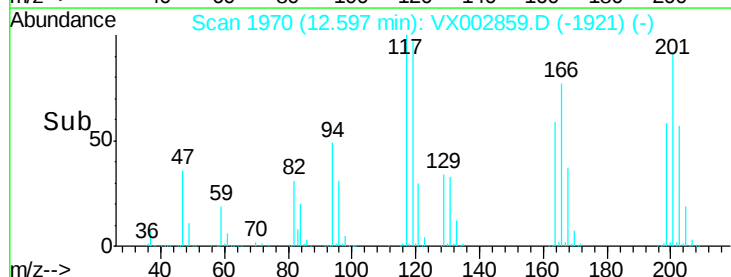
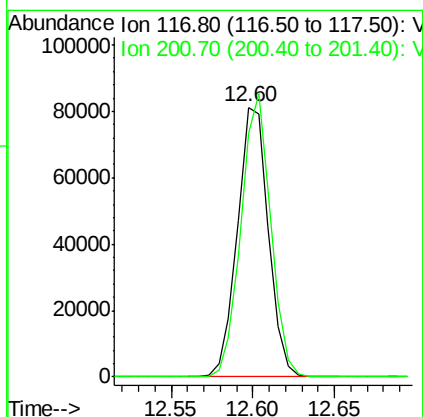
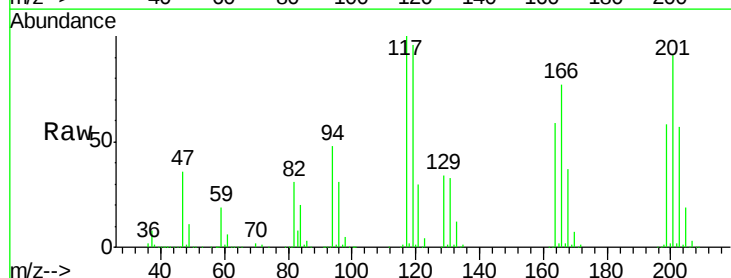
Acq: 25 Jun 2018 12:14

Tgt Ion: 117 Resp: 107558

Ion Ratio Lower Upper

117 100

201 100.3 49.0 147.0

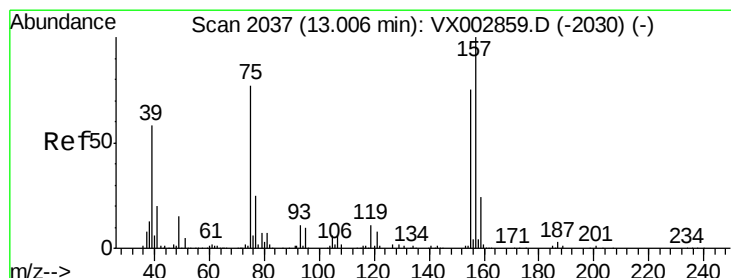
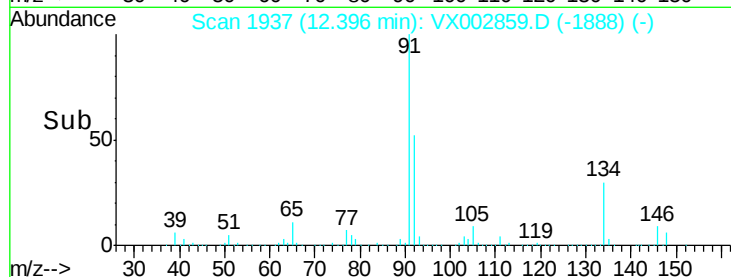
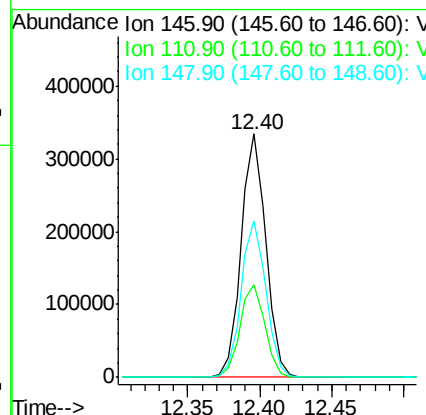
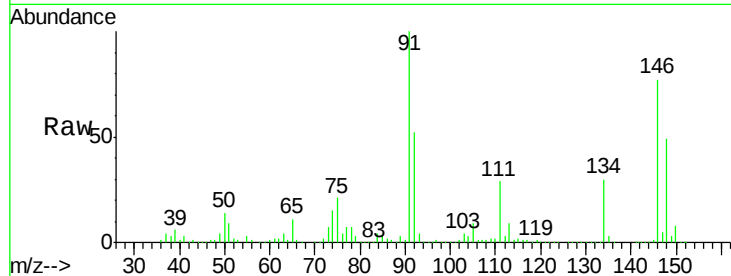




#91
1,2-Dichlorobenzene
Concen: 49.547 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

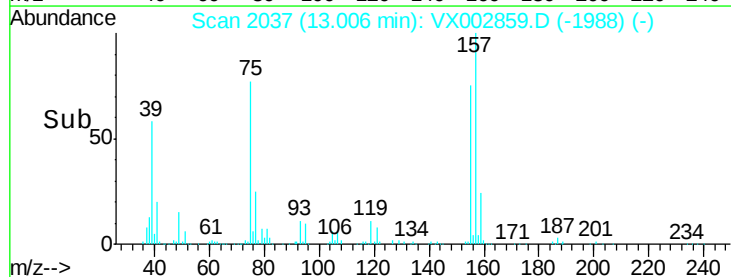
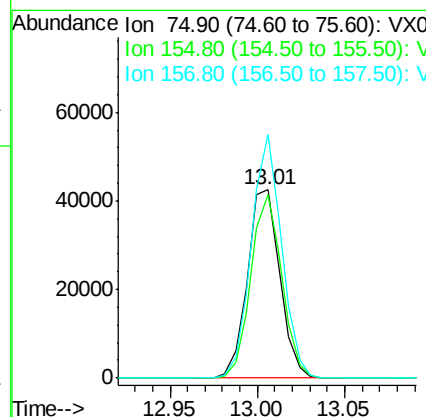
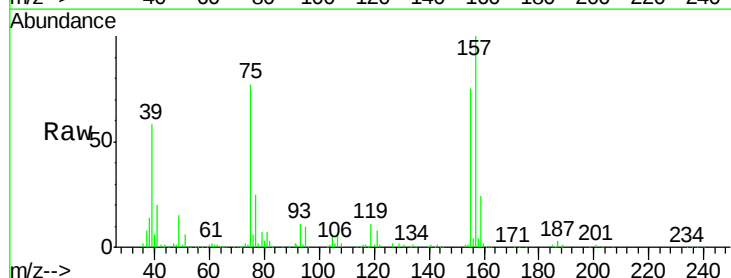
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 399310
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.1
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.547 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 75 Resp: 54821
Ion Ratio Lower Upper
75 100
155 93.0 45.8 137.4
157 120.6 60.1 180.3

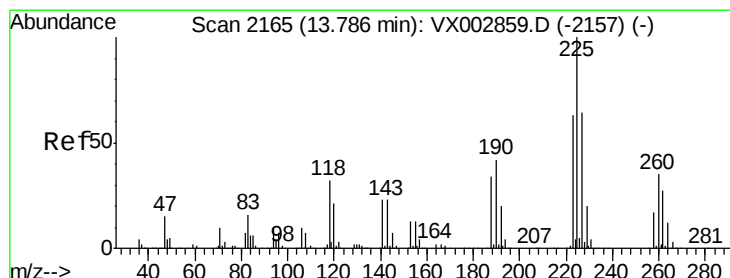
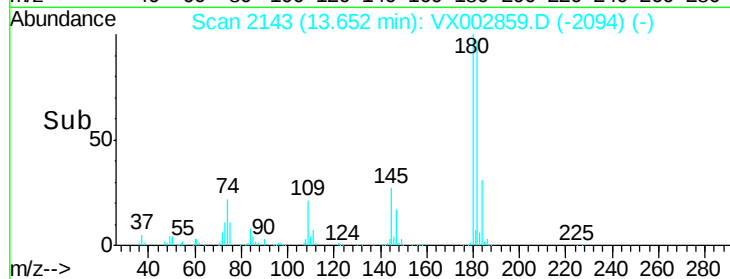
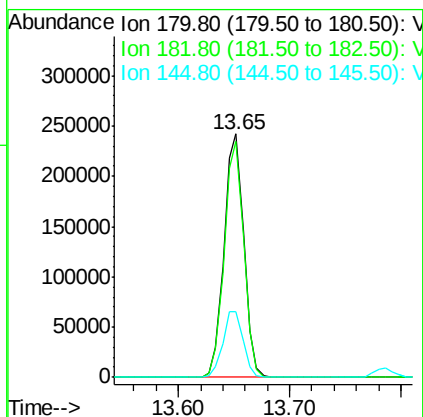
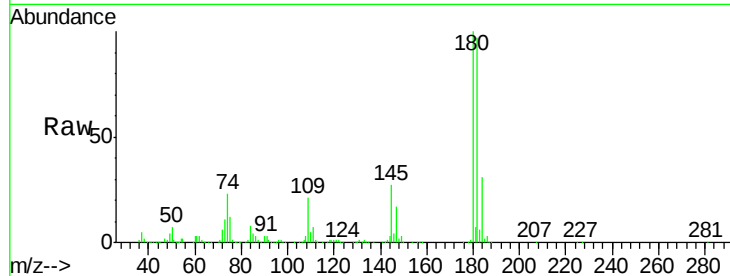




#93
 1,2,4-Trichlorobenzene
 Concen: 50.623 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

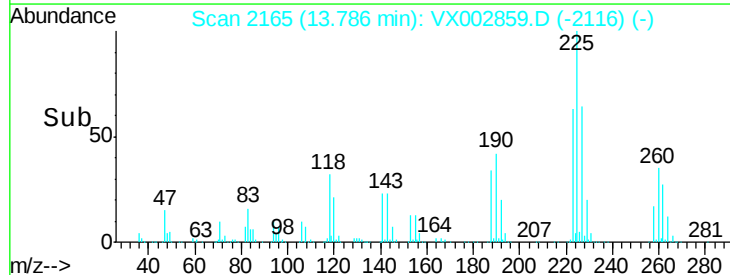
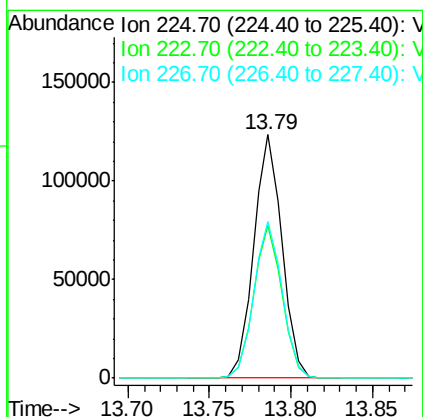
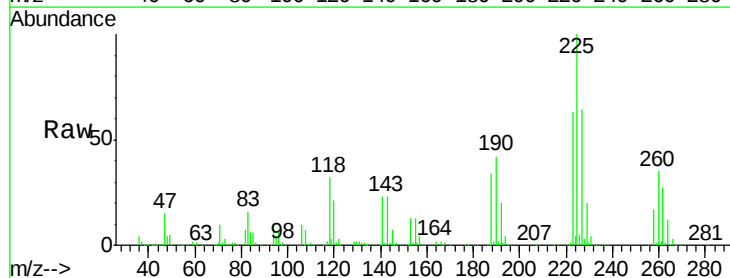
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

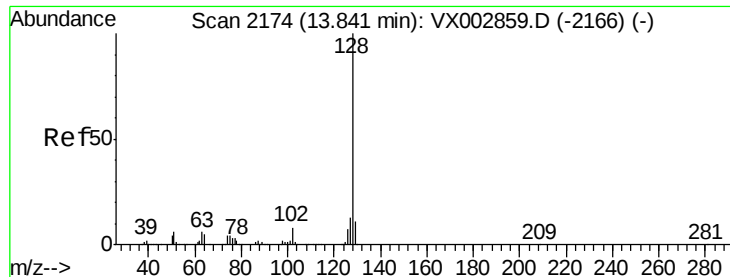
Tgt Ion:180 Resp: 296105
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.111 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion:225 Resp: 148238
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.6 32.4 97.2





#95

Naphthalene

Concen: 51.924 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

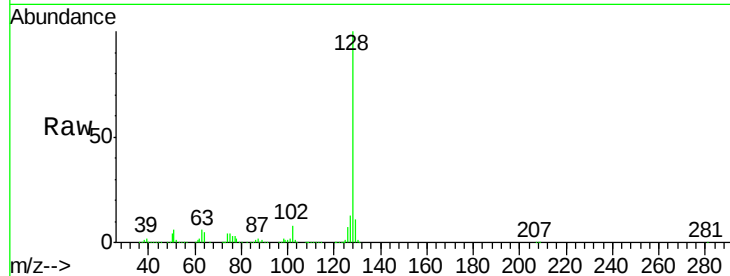
Tgt Ion:128 Resp: 817259

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

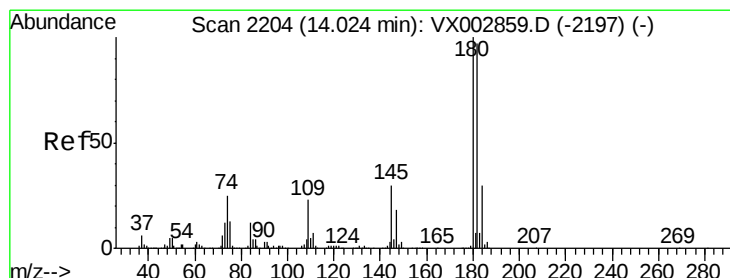
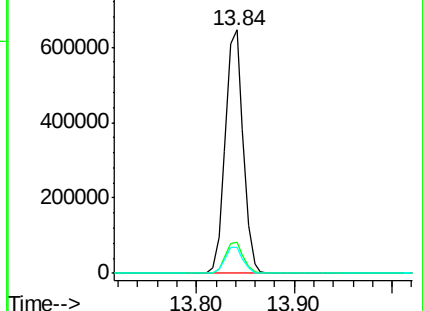
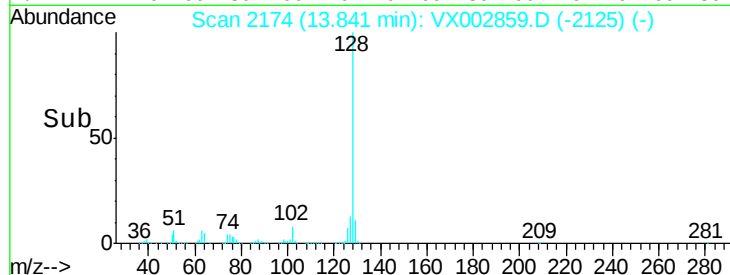
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.936 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

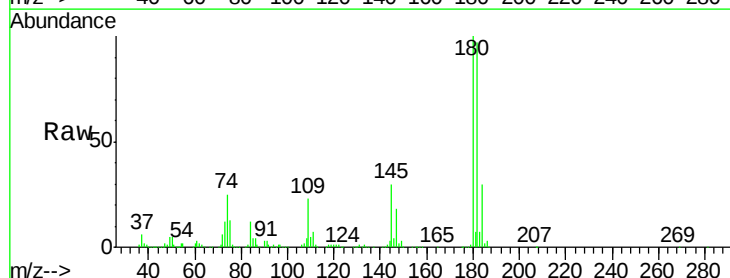
Tgt Ion:180 Resp: 299229

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

