

Data File : VX004193.D
Acq On : 22 Aug 2018 11:41
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 23 04:42:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	322811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	468381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201717	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.50	113	168019	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	652426	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	241410	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	201641	53.929	ug/l	100
3) Chloromethane	1.32	50	207454	47.596	ug/l	100
4) Vinyl Chloride	1.40	62	217900	51.517	ug/l	100
5) Bromomethane	1.64	94	107602	42.021	ug/l	100
6) Chloroethane	1.72	64	141234	43.461	ug/l	100
7) Trichlorofluoromethane	1.92	101	293232	50.591	ug/l	100
8) Diethyl Ether	2.18	74	122581	49.389	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176168	48.526	ug/l	100
10) Methyl Iodide	2.51	142	201565	54.005	ug/l	100
11) Tert butyl alcohol	3.08	59	224692	250.529	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166212	48.603	ug/l	100
13) Acrolein	2.29	56	52832	244.340	ug/l	100
14) Allyl chloride	2.73	41	314338	50.029	ug/l	100
15) Acrylonitrile	3.15	53	537055	241.795	ug/l	100
16) Acetone	2.45	43	444568	222.407	ug/l	100
17) Carbon Disulfide	2.57	76	469982	46.739	ug/l	100
18) Methyl Acetate	2.78	43	314900	50.435	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	553450	49.108	ug/l	100
20) Methylene Chloride	2.86	84	187697	46.343	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	179907	47.529	ug/l	100
22) Diisopropyl ether	3.87	45	572393	48.792	ug/l	100
23) Vinyl Acetate	3.82	43	2378647	250.169	ug/l	100
24) 1,1-Dichloroethane	3.69	63	341670	49.975	ug/l	100
25) 2-Butanone	4.70	43	708316	226.864	ug/l	100
26) 2,2-Dichloropropane	4.58	77	265447	49.503	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	208626	48.594	ug/l	100
28) Bromochloromethane	5.01	49	157391	51.998	ug/l	100
29) Tetrahydrofuran	5.16	42	452089	250.089	ug/l	100
30) Chloroform	5.21	83	336895	49.148	ug/l	100
31) Cyclohexane	5.57	56	298266	50.563	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	286356	50.098	ug/l	100
36) 1,1-Dichloropropene	5.80	75	262041	49.764	ug/l	100
37) Ethyl Acetate	4.86	43	260343	50.272	ug/l	100
38) Carbon Tetrachloride	5.78	117	252693	51.013	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	303642	50.507	ug/l	100
40) Benzene	6.14	78	789825	50.198	ug/l	100
41) Methacrylonitrile	5.06	41	151166	50.359	ug/l	100
42) 1,2-Dichloroethane	6.20	62	266535	49.662	ug/l	100
43) Isopropyl Acetate	6.46	43	407620	51.224	ug/l	100
44) Trichloroethene	7.21	130	211748	48.618	ug/l	100
45) 1,2-Dichloropropane	7.52	63	199391	50.633	ug/l	100
46) Dibromomethane	7.66	93	130560	49.794	ug/l	100
47) Bromodichloromethane	7.90	83	251958	51.642	ug/l	100
48) Methyl methacrylate	7.77	41	222181	52.180	ug/l	100
49) 1,4-Dioxane	7.76	88	100125	1035.696	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1406763	243.309	ug/l	100
52) Toluene	8.79	92	502792	51.050	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	285505	52.981	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	308770	52.603	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	201213	50.609	ug/l	100
56) Ethyl methacrylate	9.18	69	288718	53.344	ug/l	100
57) 1,3-Dichloropropane	9.37	76	338056	50.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	761307	274.521	ug/l	100
59) 2-Hexanone	9.50	43	1080412	244.938	ug/l	100
60) Dibromochloromethane	9.59	129	203358	52.498	ug/l	100
61) 1,2-Dibromoethane	9.67	107	208821	50.753	ug/l	100
64) Tetrachloroethene	9.34	164	201363	50.442	ug/l	100
65) Chlorobenzene	10.14	112	504667	49.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	181923	52.007	ug/l	100
67) Ethyl Benzene	10.26	91	874195	53.075	ug/l	100
68) m/p-Xylenes	10.36	106	696743	108.183	ug/l	100
69) o-Xylene	10.70	106	334280	54.871	ug/l	100
70) Styrene	10.71	104	551196	55.878	ug/l	100
71) Bromoform	10.86	173	150439	53.351	ug/l	100
73) Isopropylbenzene	11.02	105	958595	52.660	ug/l	100
74) N-amyl acetate	10.90	43	366611	52.307	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	312515	49.058	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	359598	65.715	ug/l	86
77) Bromobenzene	11.26	156	253805	49.704	ug/l	100
78) n-propylbenzene	11.36	91	1112260	53.125	ug/l	100
79) 2-Chlorotoluene	11.42	91	651716	50.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	801046	53.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	91199	52.494	ug/l	100
82) 4-Chlorotoluene	11.51	91	770214	50.793	ug/l	100
83) tert-Butylbenzene	11.77	119	809756	53.388	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	839254	54.235	ug/l	100
85) sec-Butylbenzene	11.94	105	946259	52.549	ug/l	100
86) p-Isopropyltoluene	12.07	119	873102	54.103	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	472364	49.133	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	482450	47.719	ug/l	100
89) n-Butylbenzene	12.39	91	677958	51.664	ug/l	100
90) Hexachloroethane	12.60	117	115175	51.062	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	433293	49.312	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57457	51.209	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Aug 23 04:40:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	314673	49.220	ug/l	100
94) Hexachlorobutadiene	13.79	225	151323	48.213	ug/l	100
95) Naphthalene	13.83	128	1012261	55.980	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	342195	50.561	ug/l	100

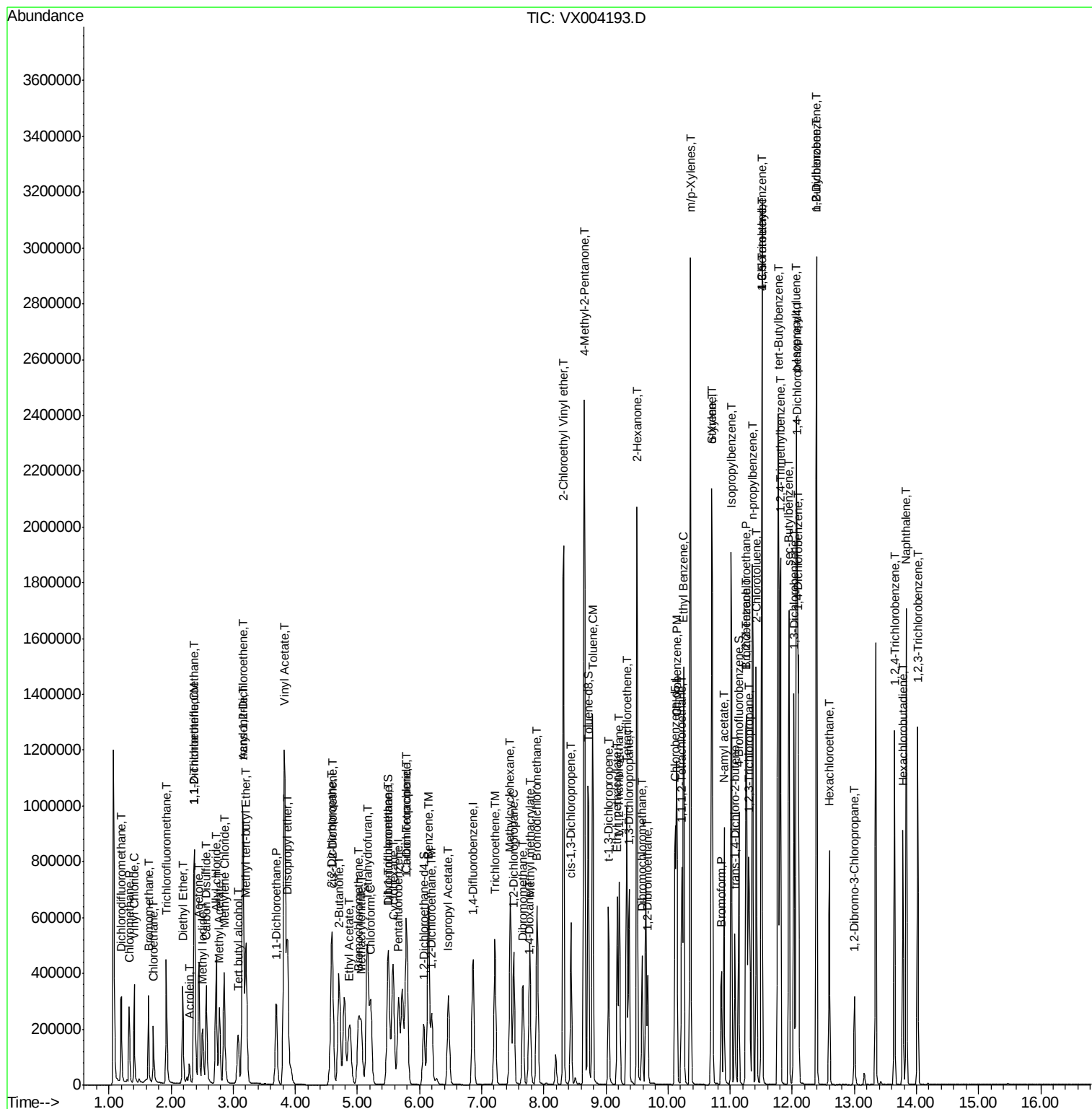
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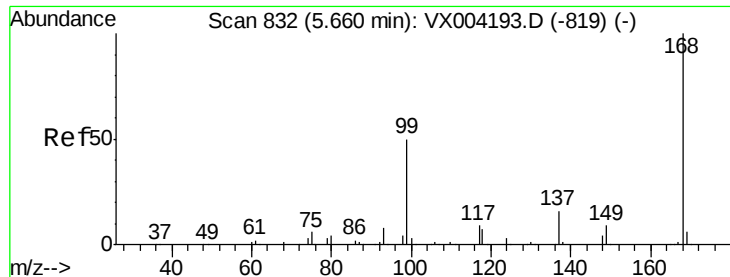
Data File : VX004193.D

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Acq On       : 22 Aug 2018   11:41
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Instrument :
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ClientSampleId :
VSTDICCC050

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

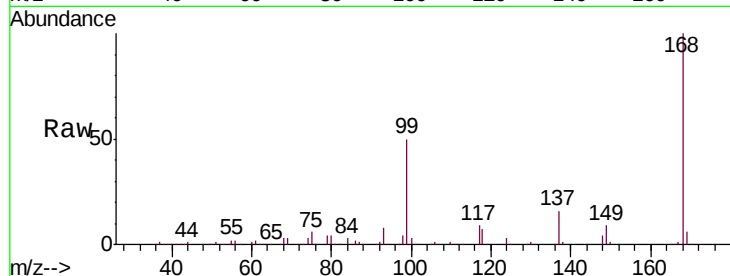
VSTDICCC050

Tgt Ion:168 Resp: 322811

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

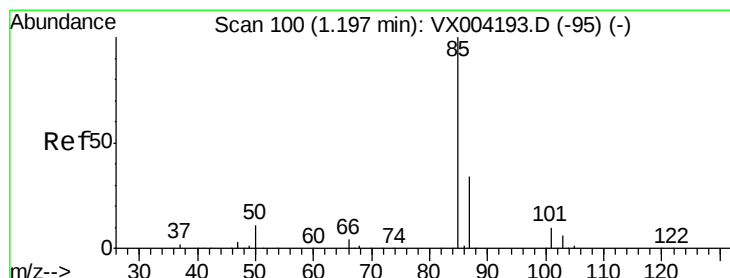
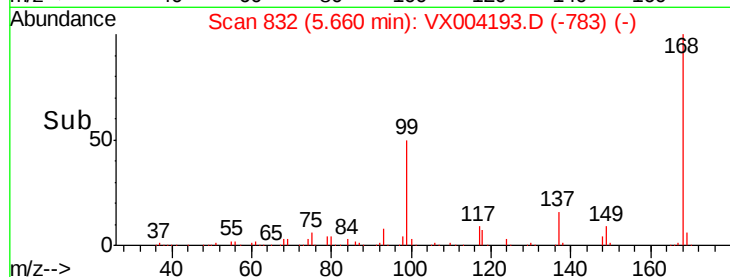
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.929 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004193.D

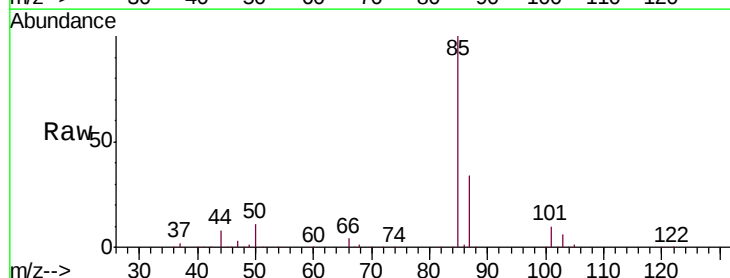
Acq: 22 Aug 2018 11:41

Tgt Ion: 85 Resp: 201641

Ion Ratio Lower Upper

85 100

87 33.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

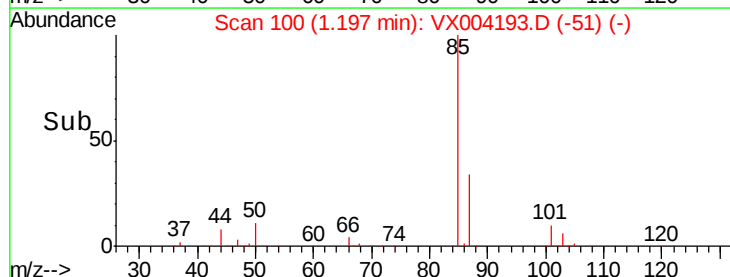
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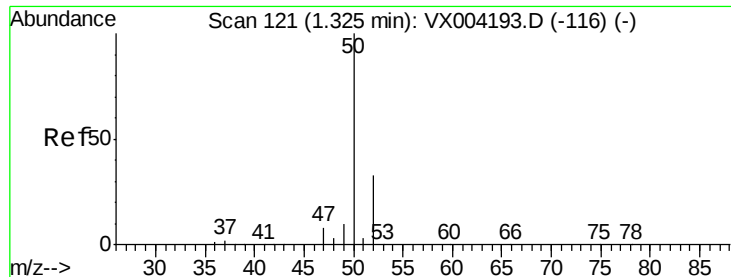
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 47.596 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

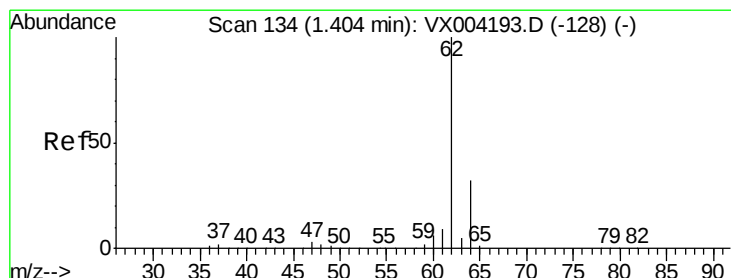
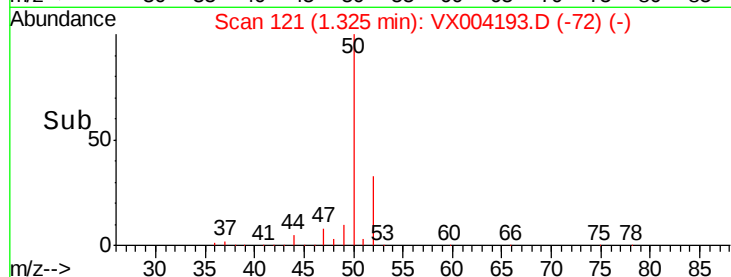
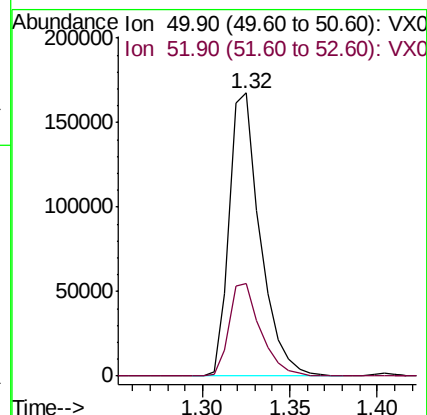
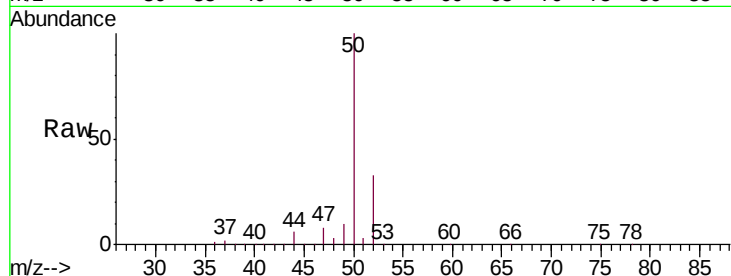
VSTDICCC050

Tgt Ion: 50 Resp: 207454

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 51.517 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004193.D

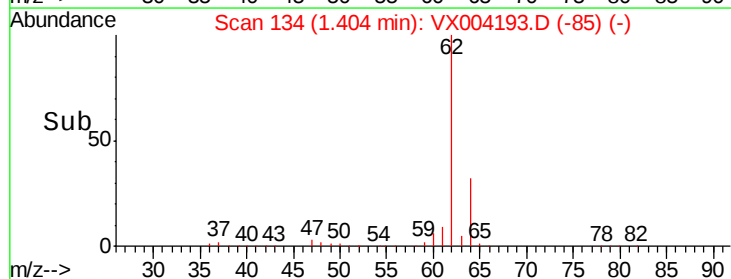
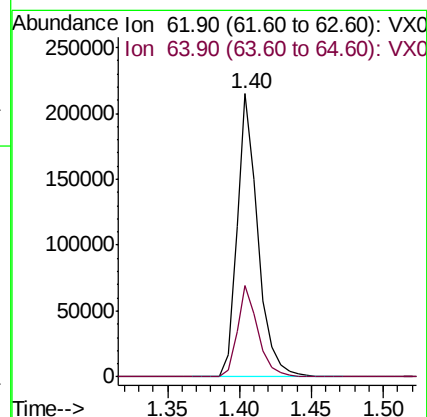
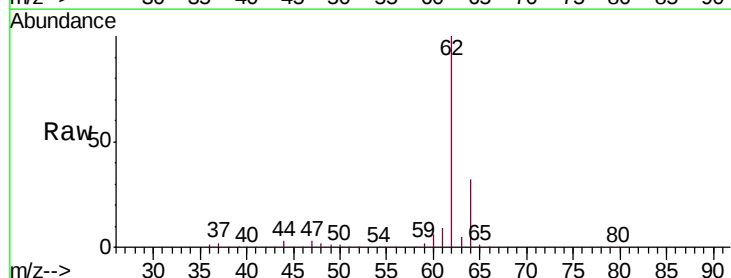
Acq: 22 Aug 2018 11:41

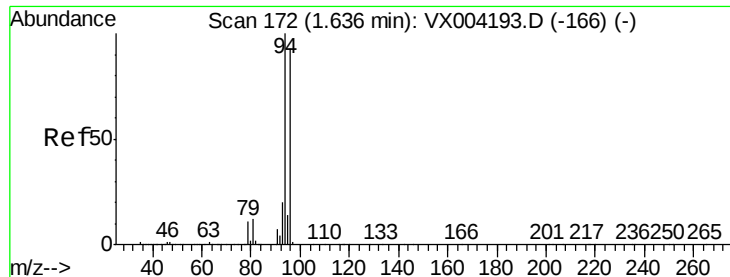
Tgt Ion: 62 Resp: 217900

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 42.021 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

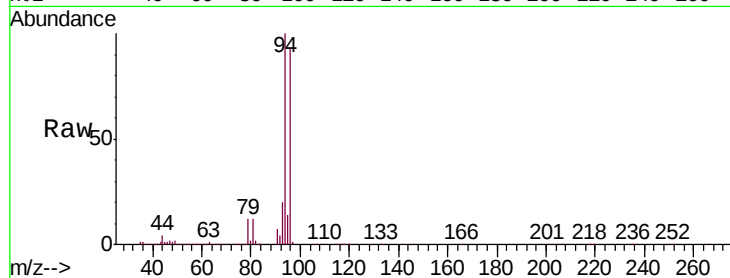
VSTDICCC050

Tgt Ion: 94 Resp: 107602

Ion Ratio Lower Upper

94 100

96 93.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

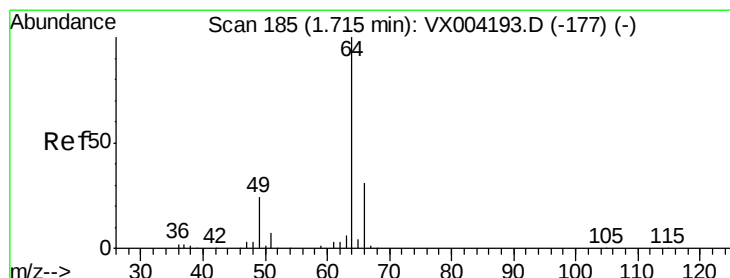
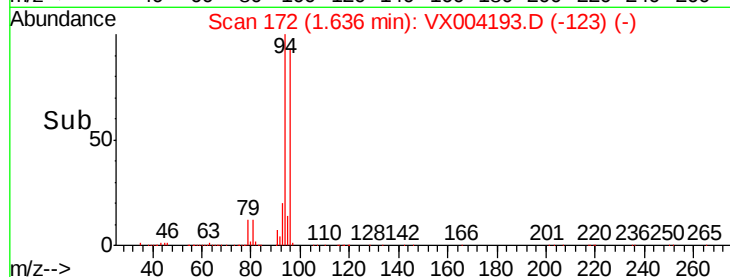
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 43.461 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004193.D

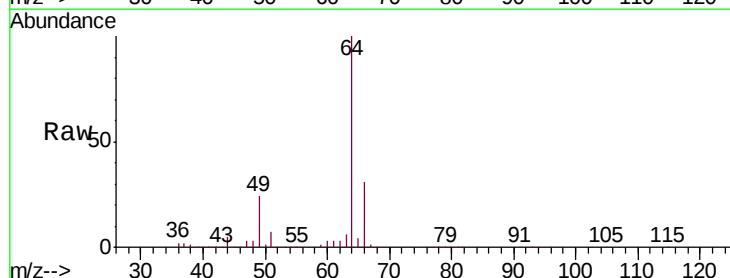
Acq: 22 Aug 2018 11:41

Tgt Ion: 64 Resp: 141234

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

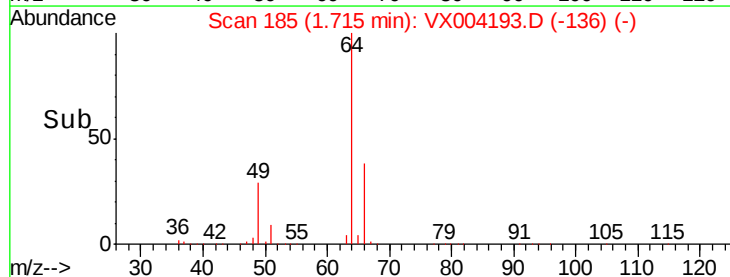
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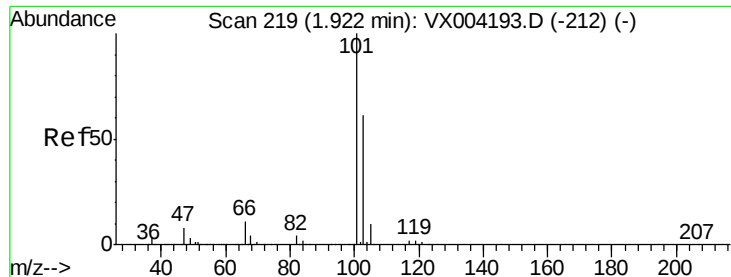
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20000

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Time-->



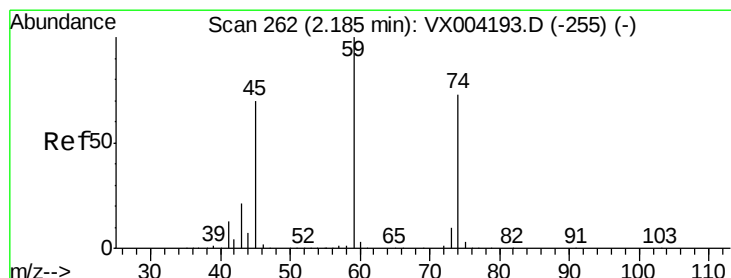
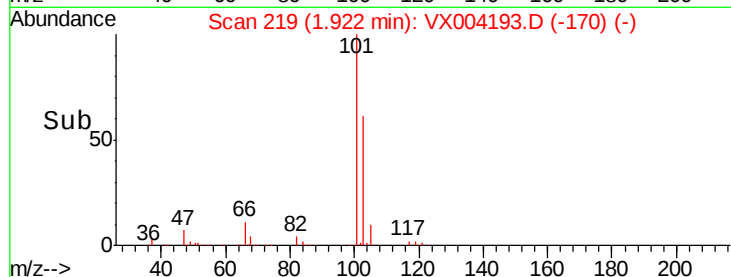
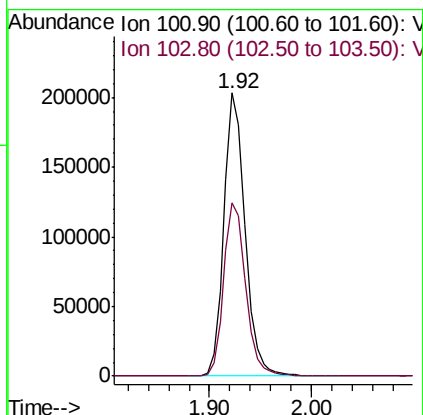
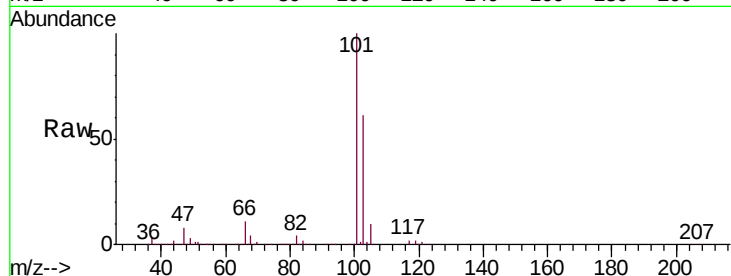


#7

Trichlorofluoromethane
 Concen: 50.591 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX004193.D
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 VSTDICCC050

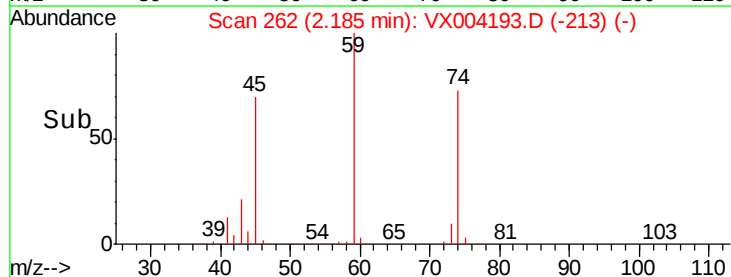
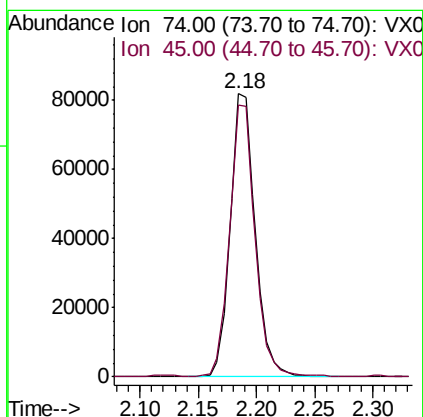
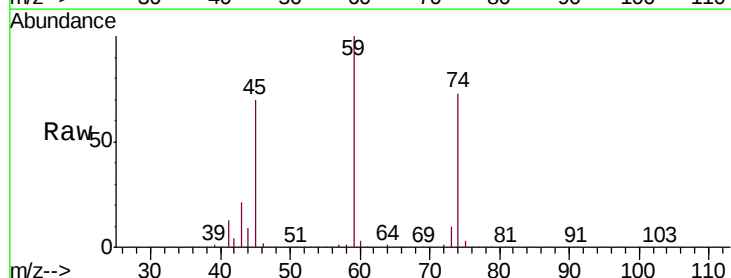
Tgt Ion: 101 Resp: 293232
 Ion Ratio Lower Upper
 101 100
 103 61.1 48.9 73.3

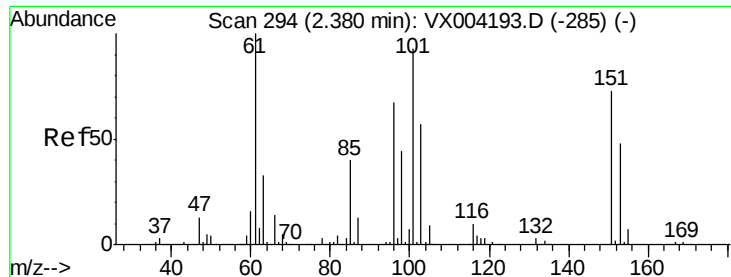


#8

Diethyl Ether
 Concen: 49.389 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion: 74 Resp: 122581
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.526 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

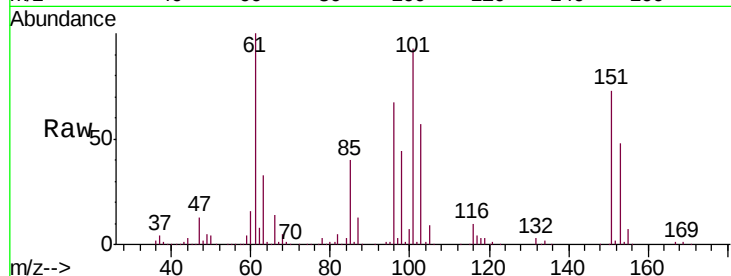
Tgt Ion:101 Resp: 176168

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

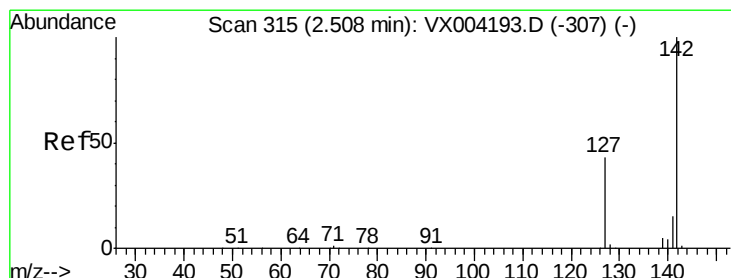
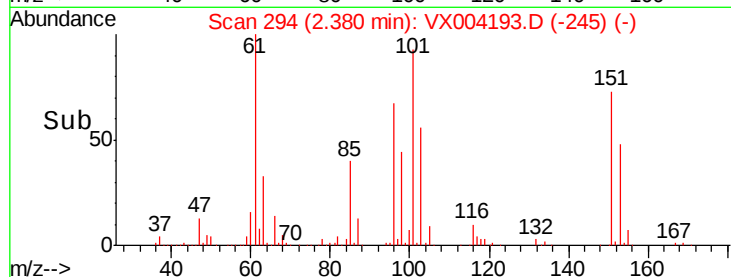
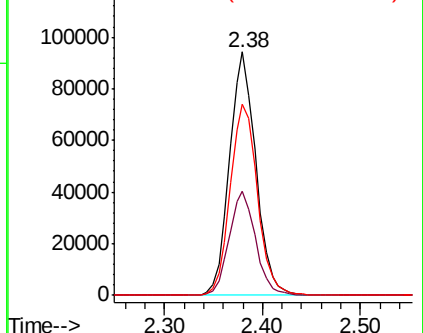
151 81.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.005 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

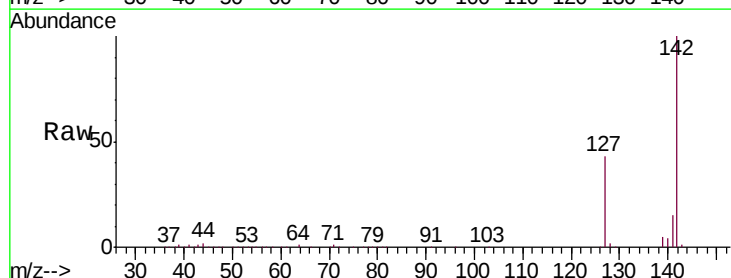
Tgt Ion:142 Resp: 201565

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

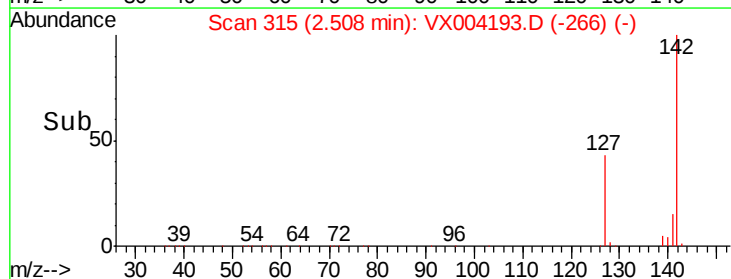
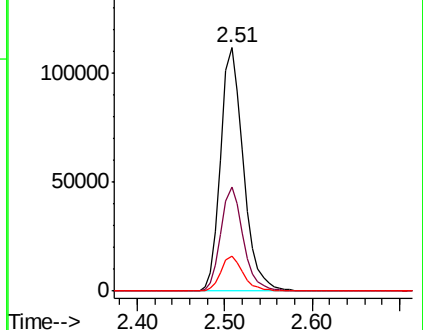
141 14.2 11.4 17.0

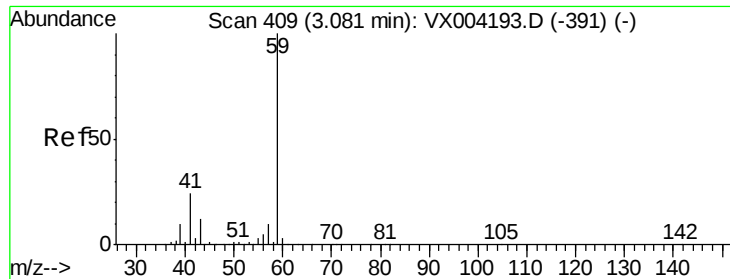


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

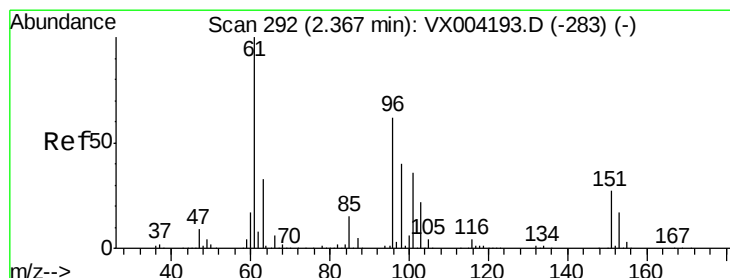
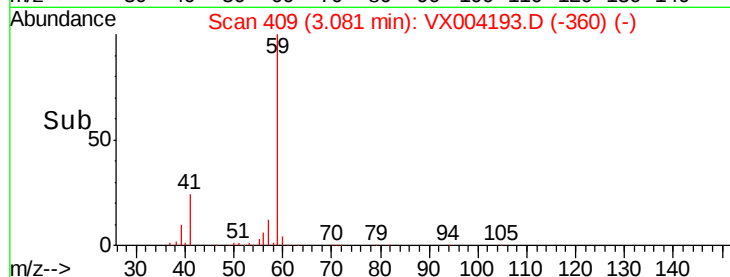
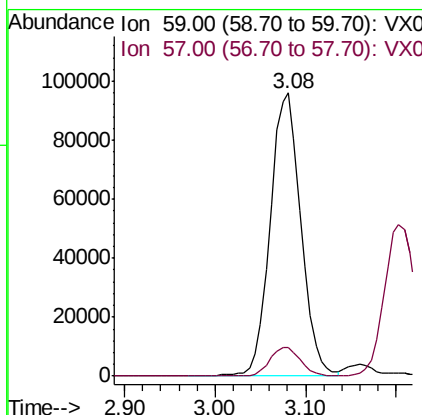
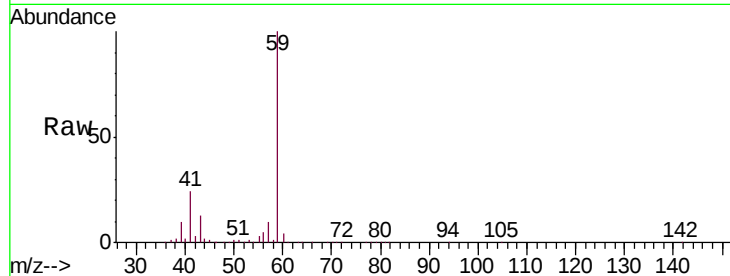




#11
Tert butyl alcohol
Concen: 250.529 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

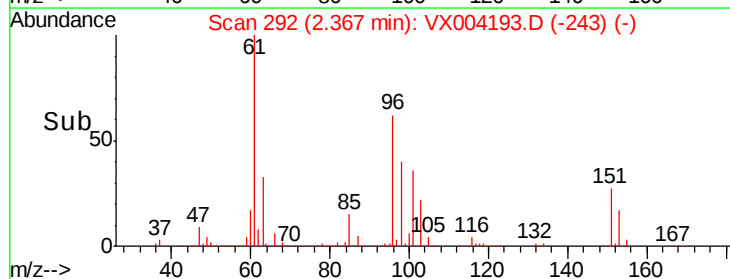
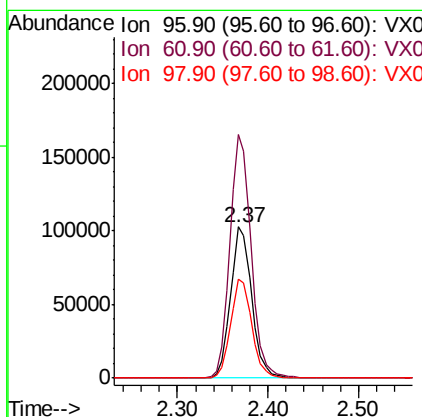
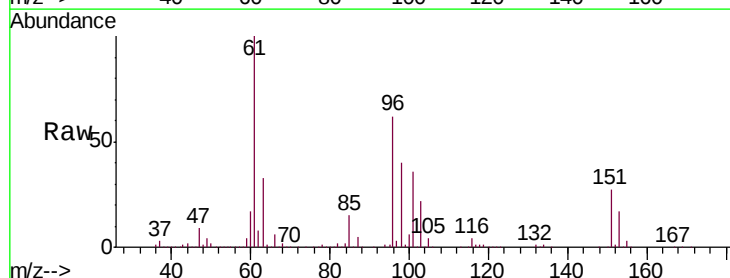
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

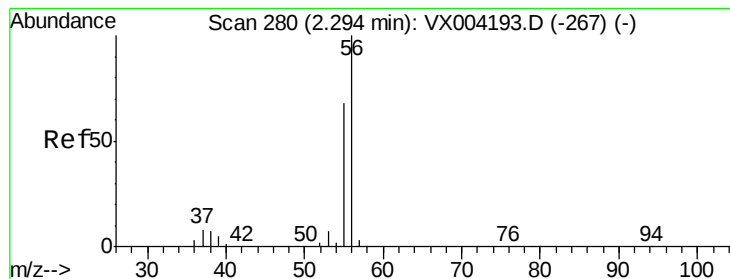
Tgt Ion: 59 Resp: 224692
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.603 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 96 Resp: 166212
Ion Ratio Lower Upper
96 100
61 161.0 128.8 193.2
98 65.2 52.2 78.2





#13

Acrolein

Concen: 244.340 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

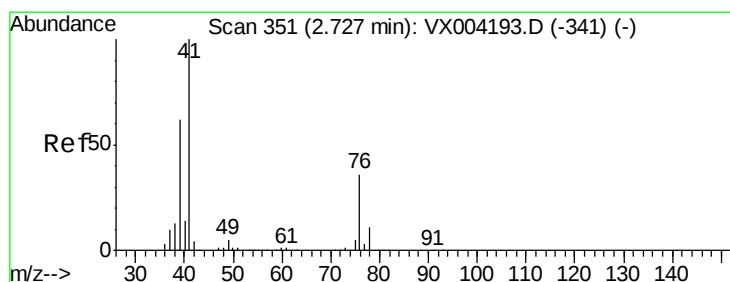
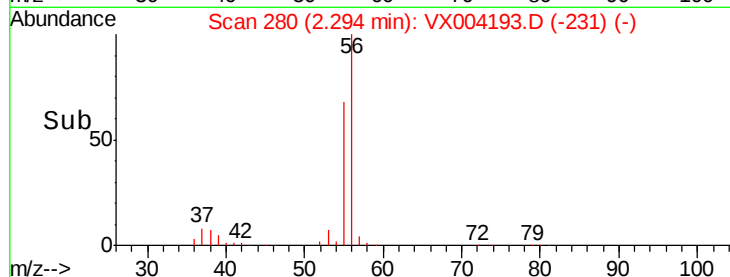
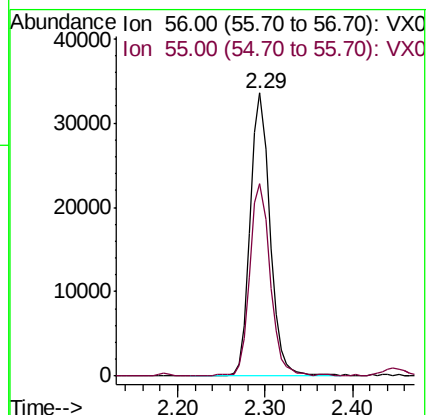
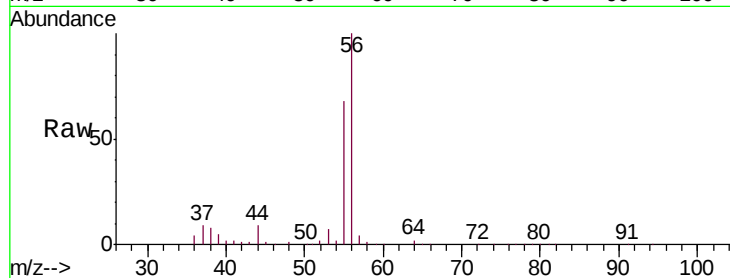
VSTDICCC050

Tgt Ion: 56 Resp: 52832

Ion Ratio Lower Upper

56 100

55 68.4 54.7 82.1



#14

Allyl chloride

Concen: 50.029 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

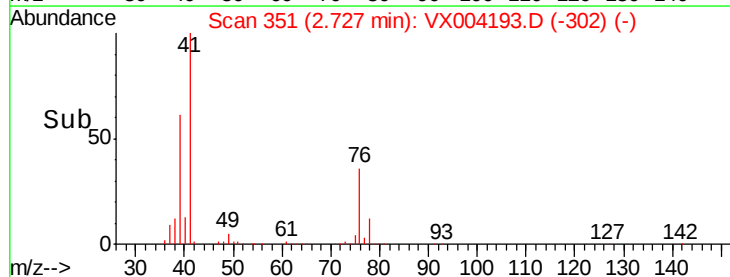
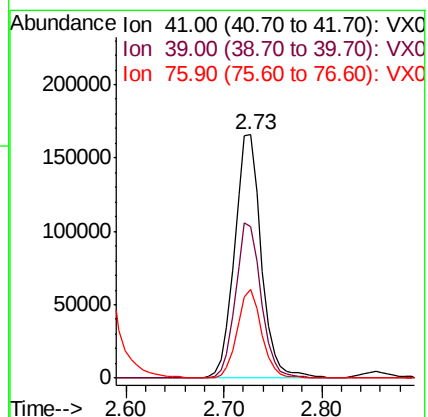
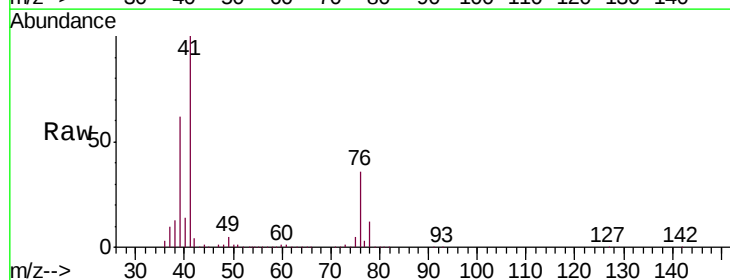
Tgt Ion: 41 Resp: 314338

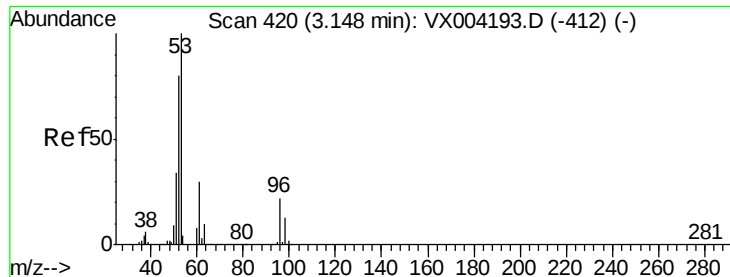
Ion Ratio Lower Upper

41 100

39 61.1 48.9 73.3

76 33.4 26.7 40.1





#15

Acrylonitrile

Concen: 241.795 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

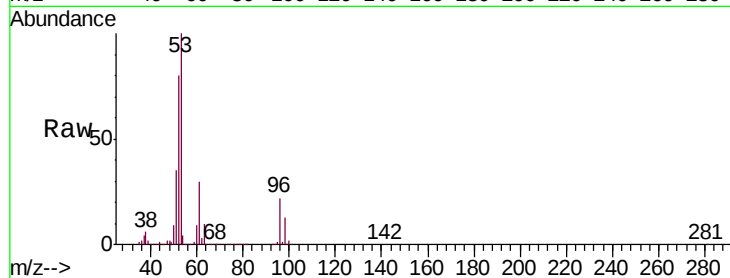
Tgt Ion: 53 Resp: 537055

Ion Ratio Lower Upper

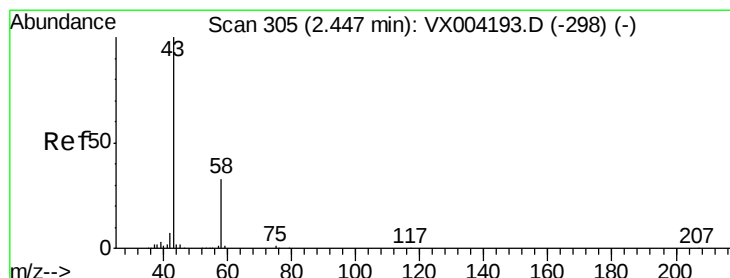
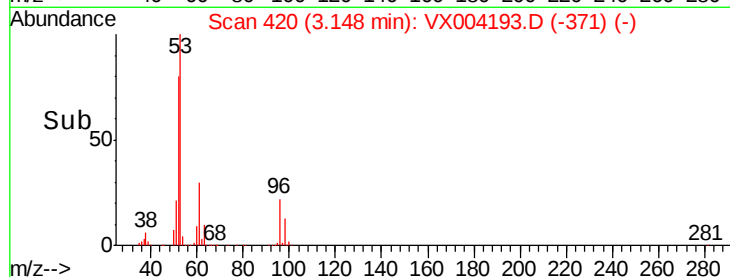
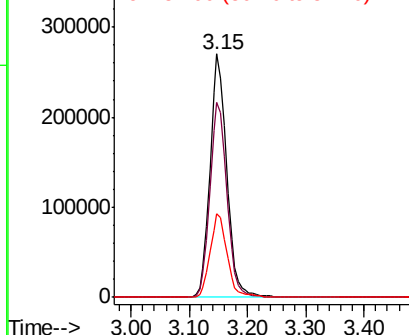
53 100

52 81.5 65.2 97.8

51 35.2 28.2 42.2



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



#16

Acetone

Concen: 222.407 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004193.D

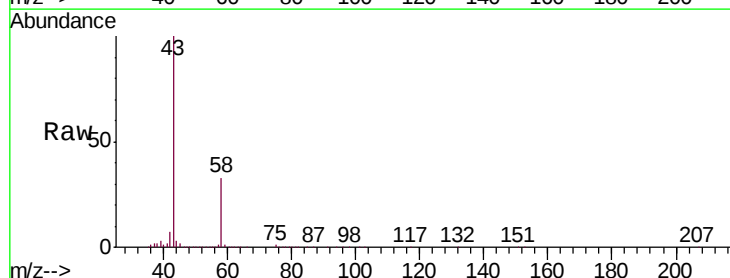
Acq: 22 Aug 2018 11:41

Tgt Ion: 43 Resp: 444568

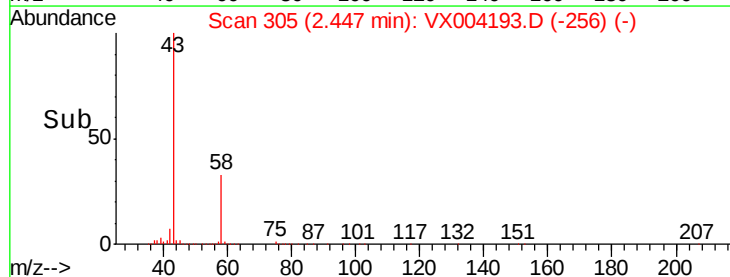
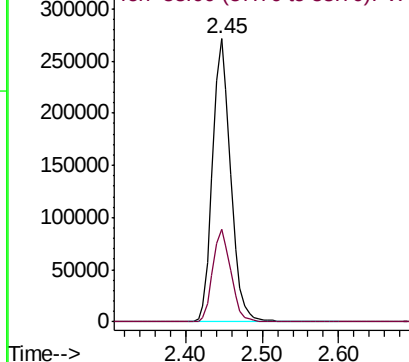
Ion Ratio Lower Upper

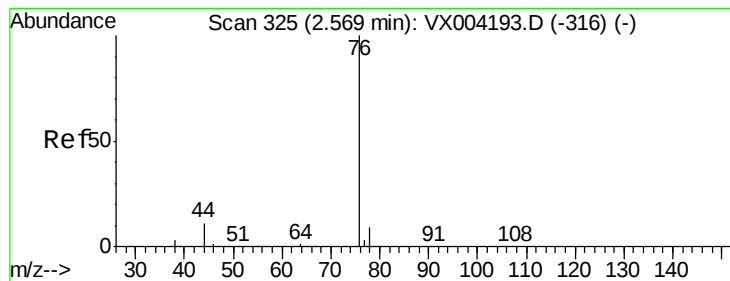
43 100

58 32.8 26.2 39.4



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





#17

Carbon Disulfide

Concen: 46.739 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

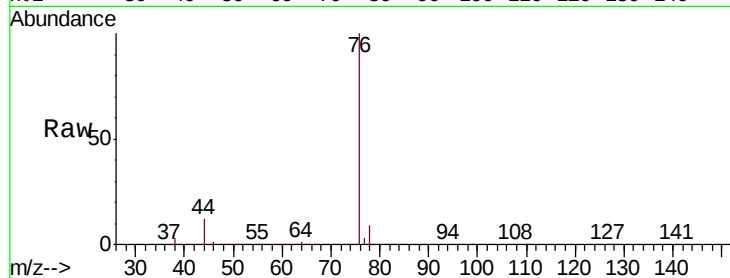
VSTDICCC050

Tgt Ion: 76 Resp: 469982

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX004193.D (-316) (-)

Ion 77.90 (77.60 to 78.60): VX004193.D (-316) (-)

2.57

300000

250000

200000

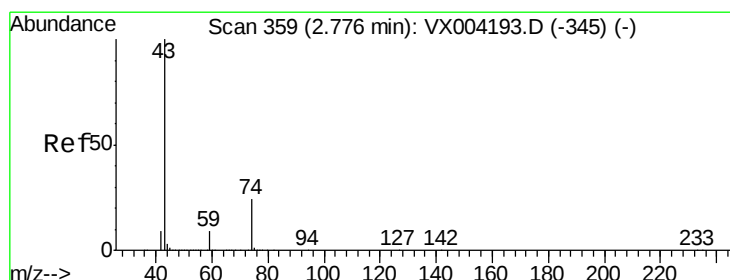
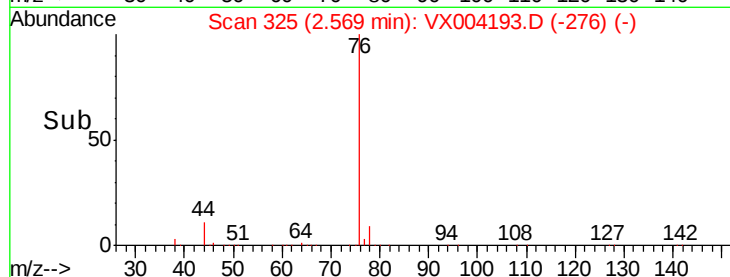
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.435 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX004193.D

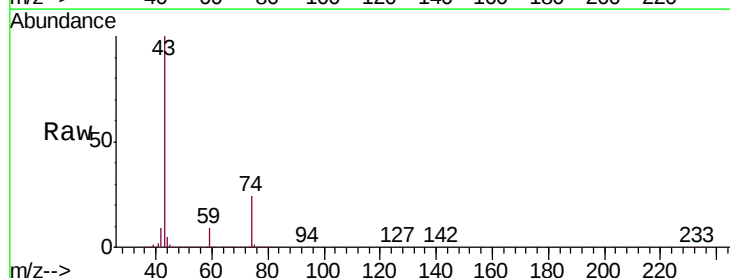
Acq: 22 Aug 2018 11:41

Tgt Ion: 43 Resp: 314900

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX004193.D (-345) (-)

Ion 74.00 (73.70 to 74.70): VX004193.D (-345) (-)

2.78

200000

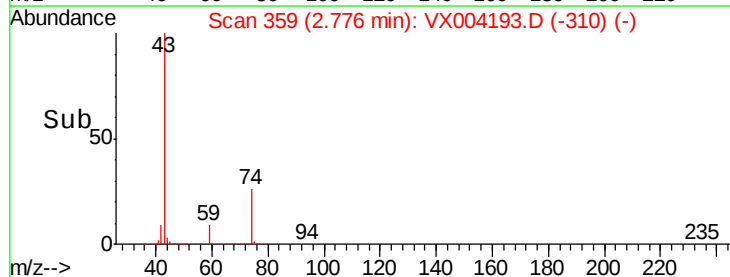
150000

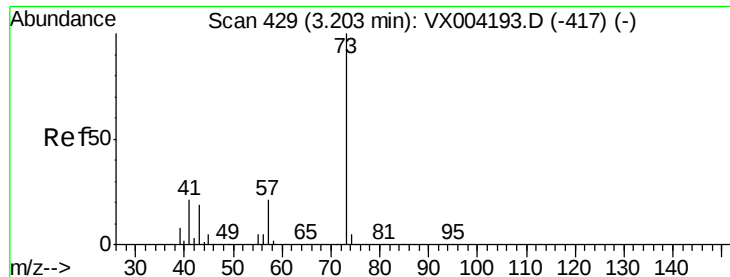
100000

50000

0

Time-->

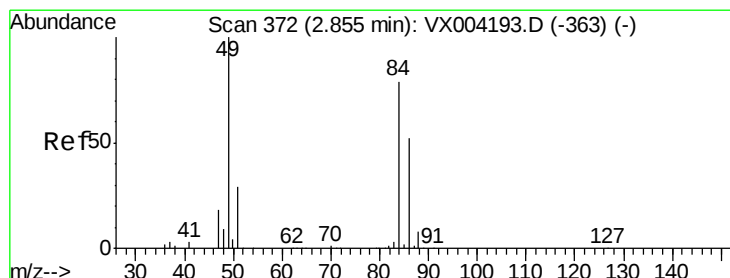
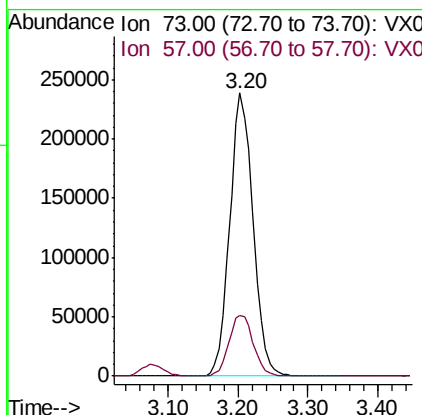
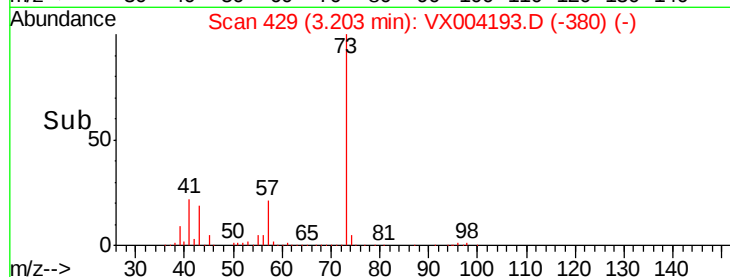
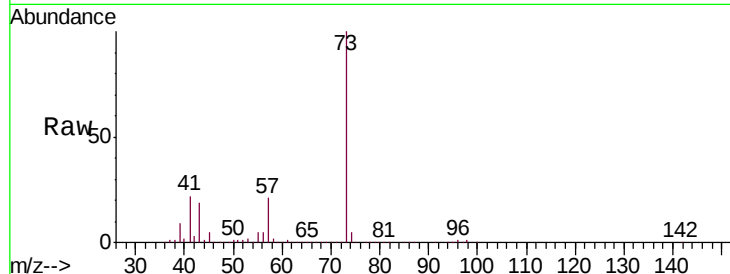




#19
Methyl tert-butyl Ether
Concen: 49.108 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

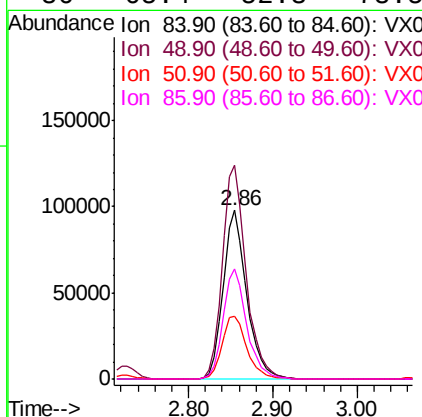
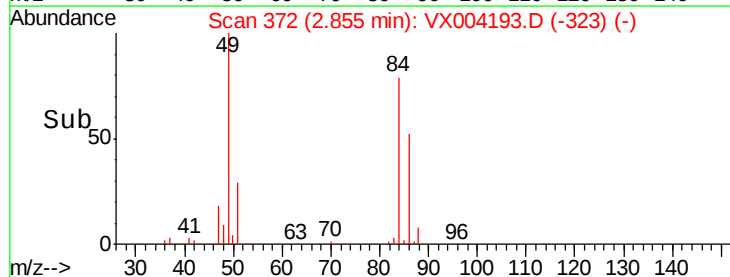
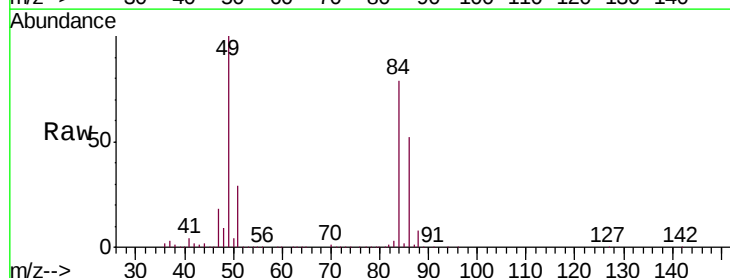
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

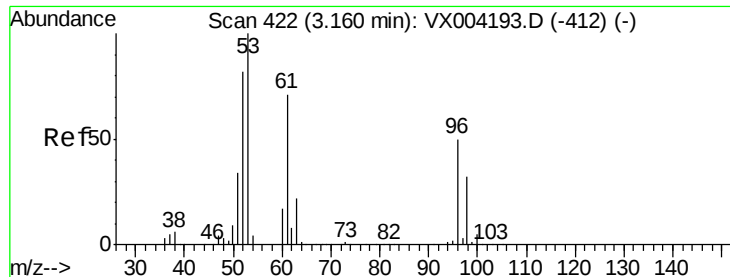
Tgt Ion: 73 Resp: 553450
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 46.343 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 84 Resp: 187697
Ion Ratio Lower Upper
84 100
49 126.5 101.2 151.8
51 36.9 29.5 44.3
86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.529 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

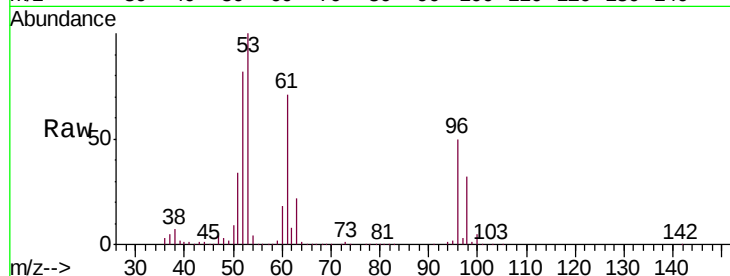
Tgt Ion: 96 Resp: 179907

Ion Ratio Lower Upper

96 100

61 142.2 113.8 170.6

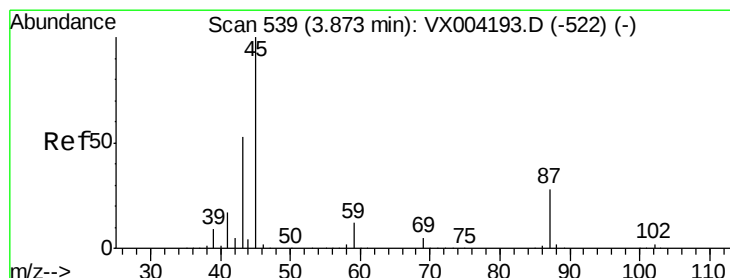
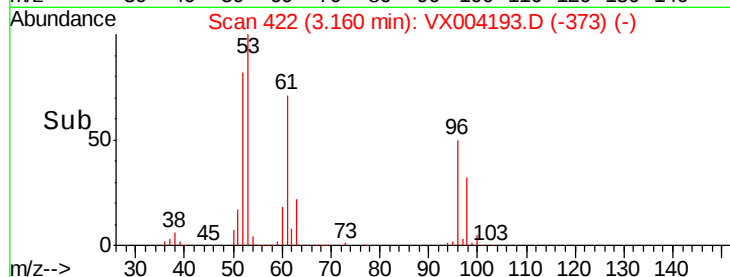
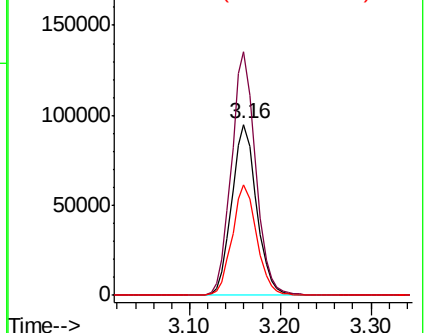
98 64.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.792 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Tgt Ion: 45 Resp: 572393

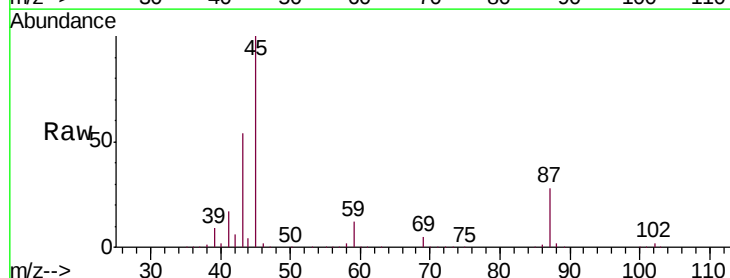
Ion Ratio Lower Upper

45 100

43 53.5 42.8 64.2

87 28.3 22.6 34.0

59 12.0 9.6 14.4

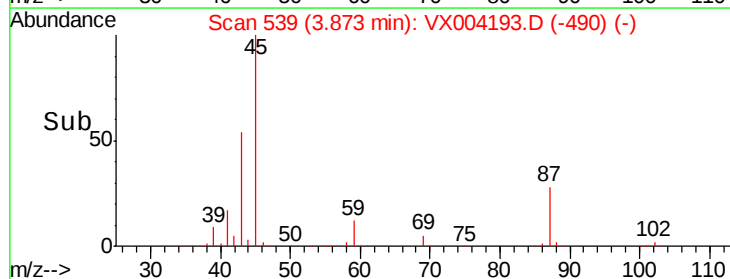
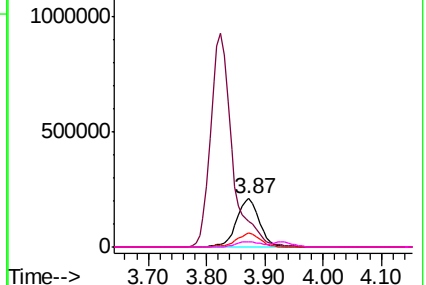


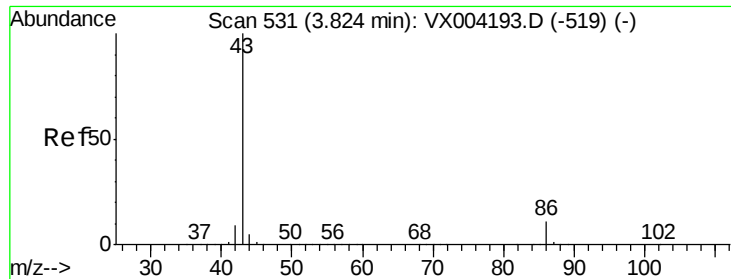
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 250.169 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

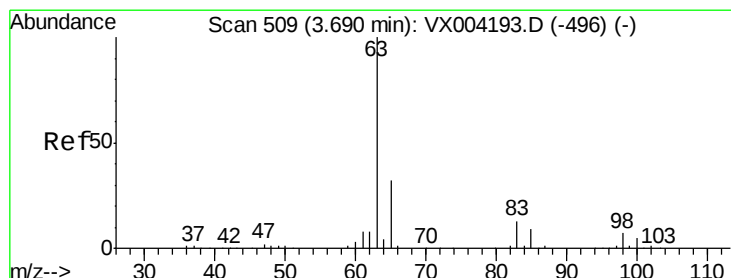
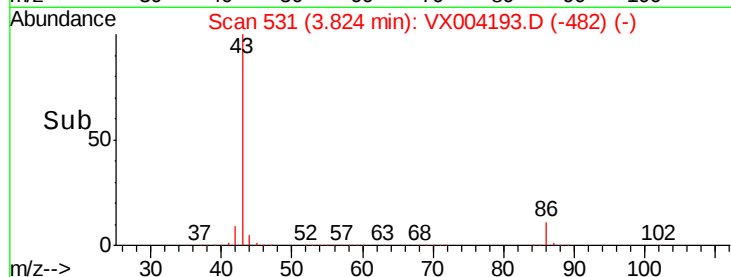
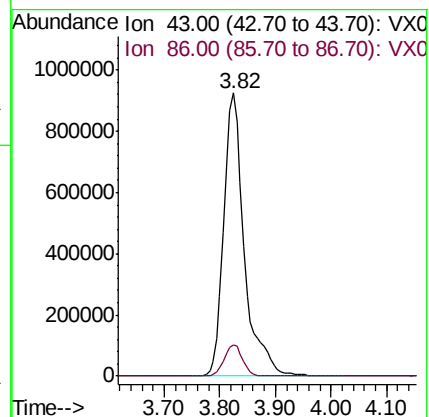
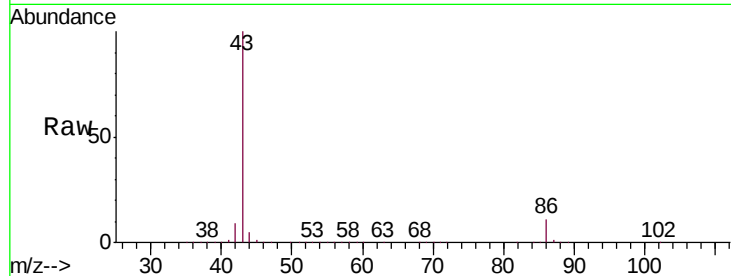
VSTDICCC050

Tgt Ion: 43 Resp: 2378647

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.975 ug/l

RT: 3.69 min Scan# 509

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

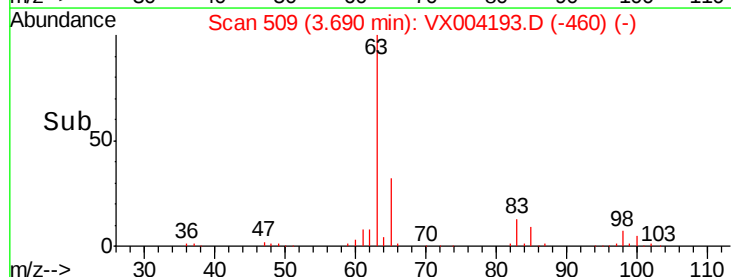
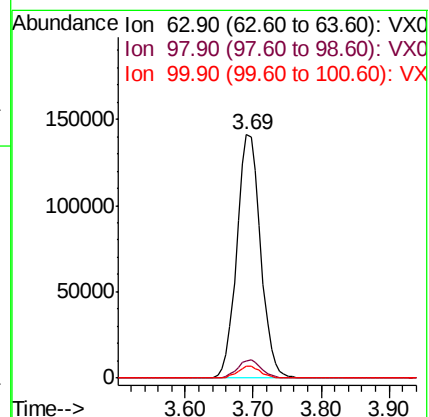
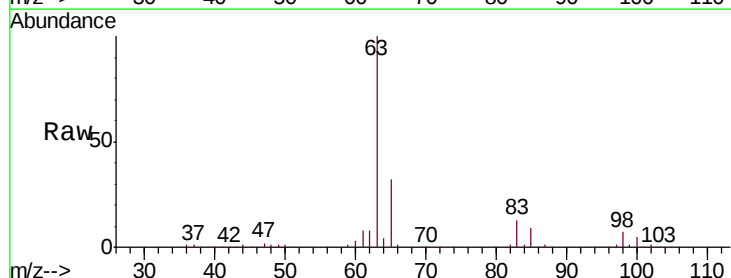
Tgt Ion: 63 Resp: 341670

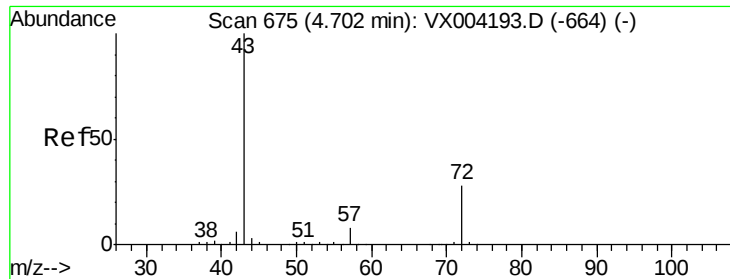
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 226.864 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

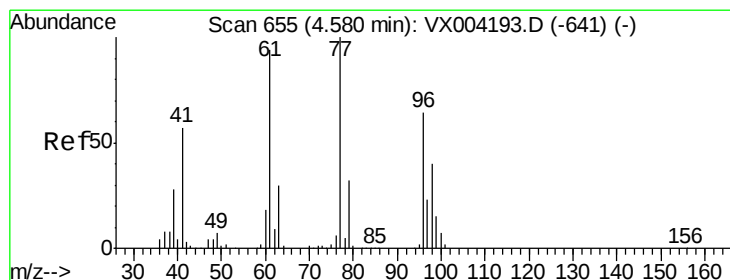
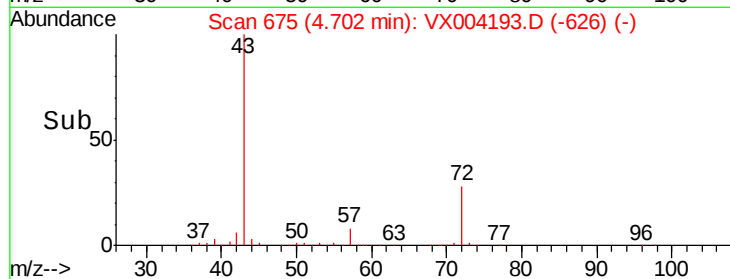
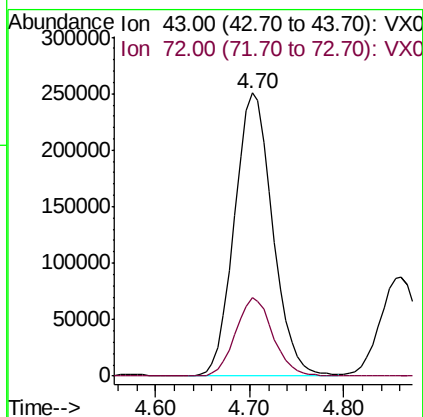
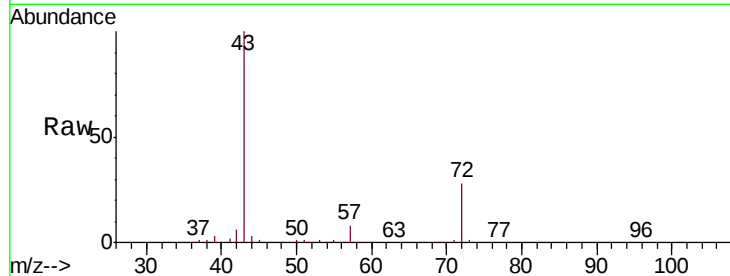
VSTDICCC050

Tgt Ion: 43 Resp: 708316

Ion Ratio Lower Upper

43 100

72 27.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 49.503 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004193.D

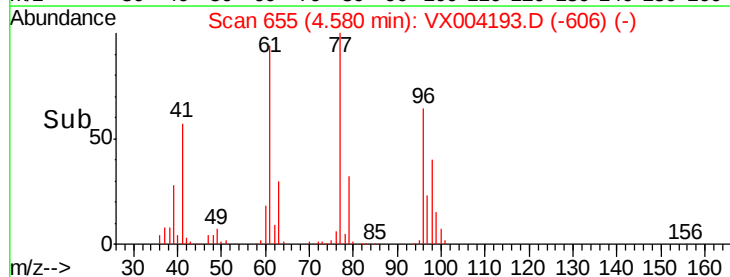
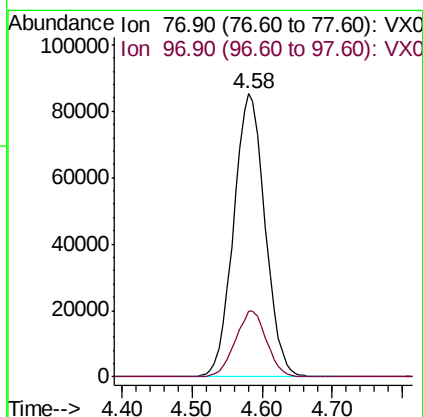
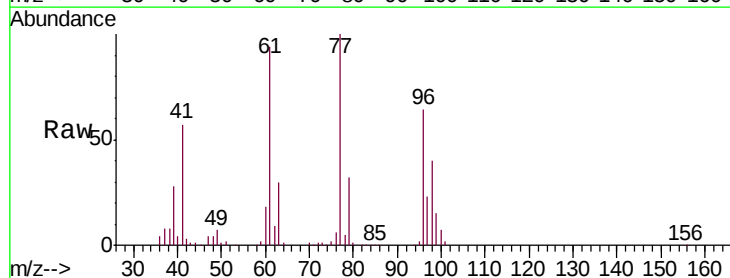
Acq: 22 Aug 2018 11:41

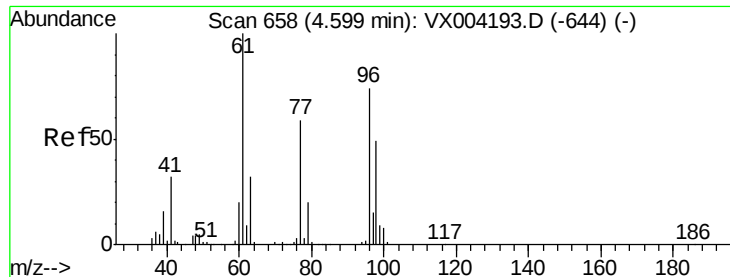
Tgt Ion: 77 Resp: 265447

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



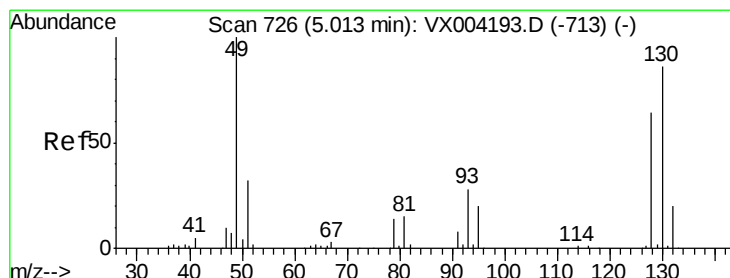
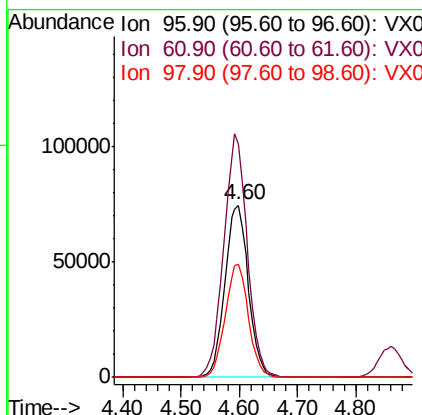
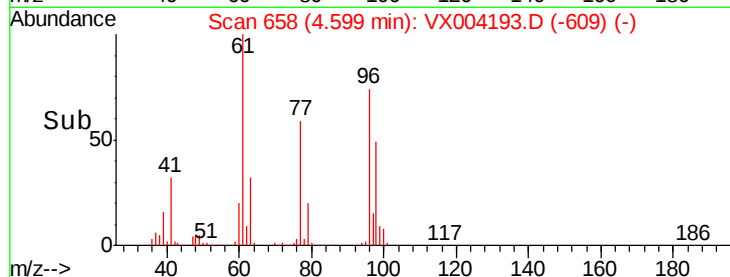
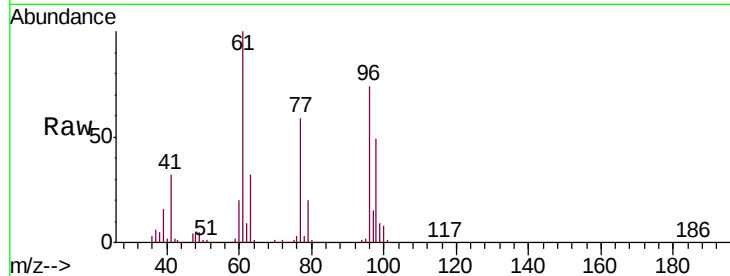


#27

cis-1,2-Dichloroethene
Concen: 48.594 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

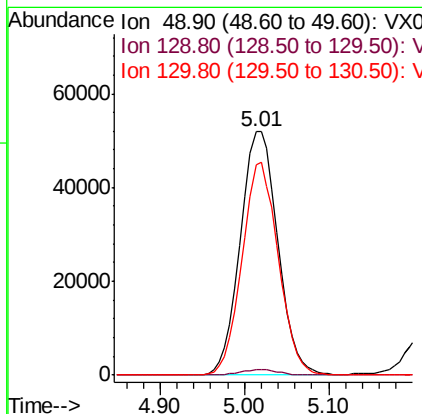
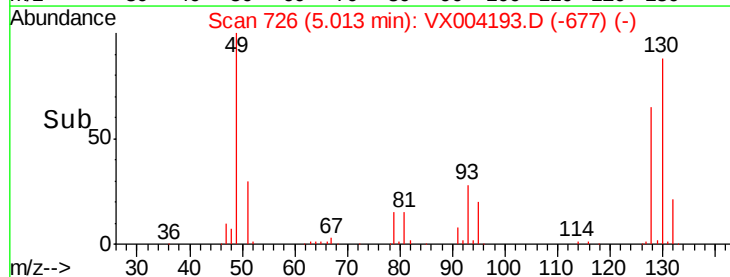
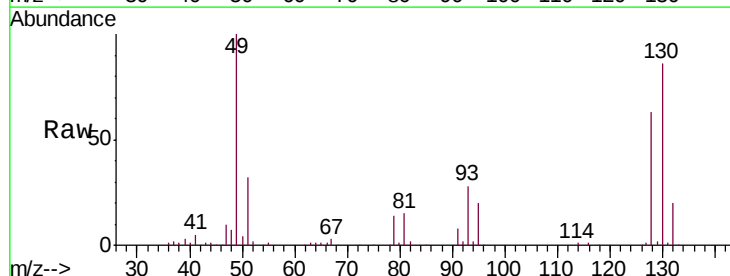
Tgt Ion: 96 Resp: 208626
Ion Ratio Lower Upper
96 100
61 141.3 0.0 282.6
98 65.1 0.0 130.2

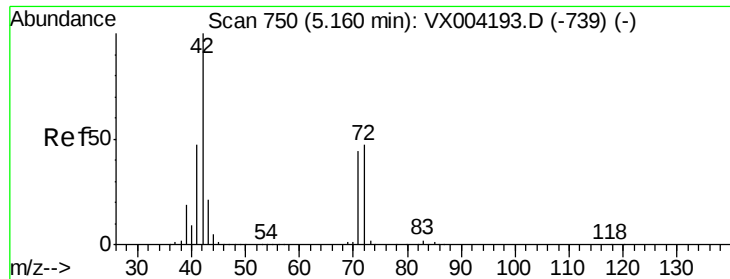


#28

Bromochloromethane
Concen: 51.998 ug/l
RT: 5.01 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 49 Resp: 157391
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 84.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 250.089 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

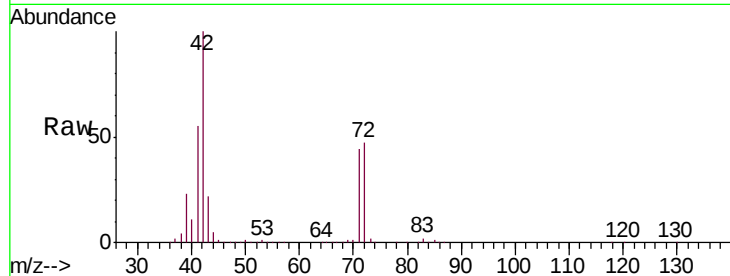
Tgt Ion: 42 Resp: 452089

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.0

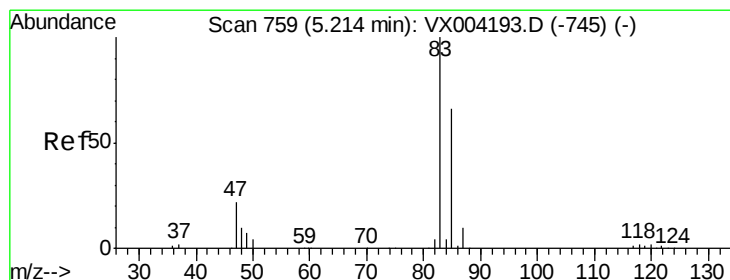
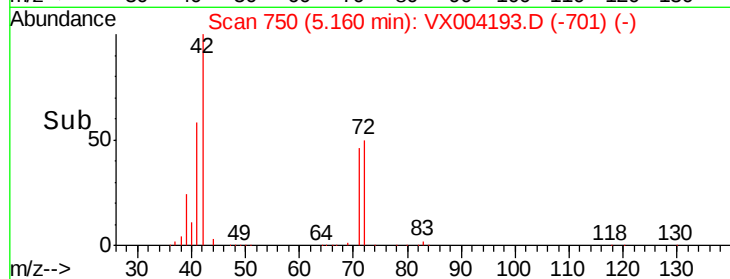
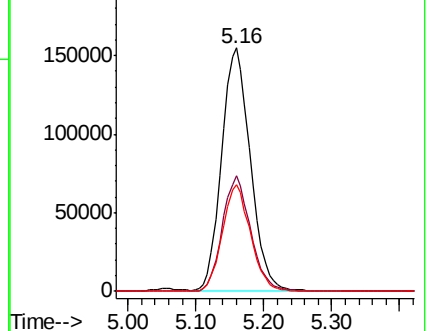
71 43.1 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.148 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004193.D

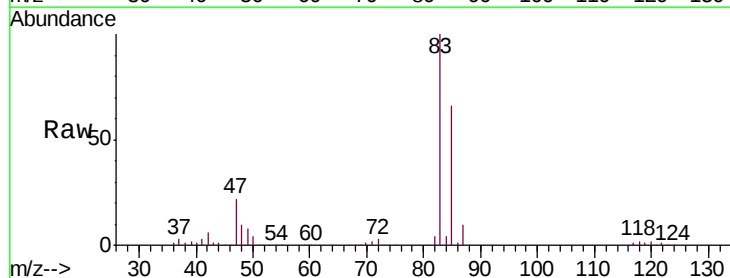
Acq: 22 Aug 2018 11:41

Tgt Ion: 83 Resp: 336895

Ion Ratio Lower Upper

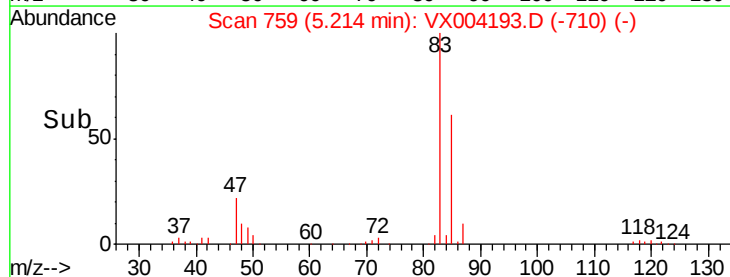
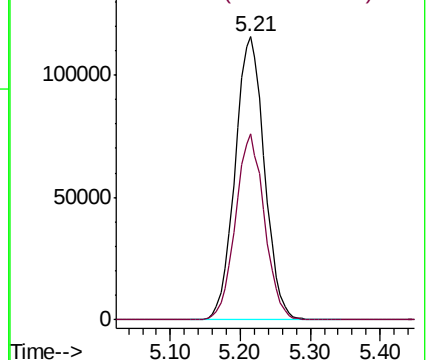
83 100

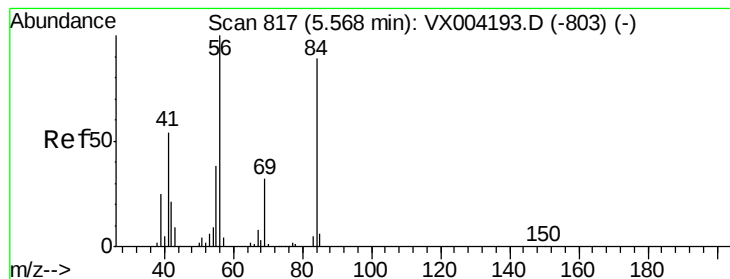
85 65.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.563 ug/l

RT: 5.57 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

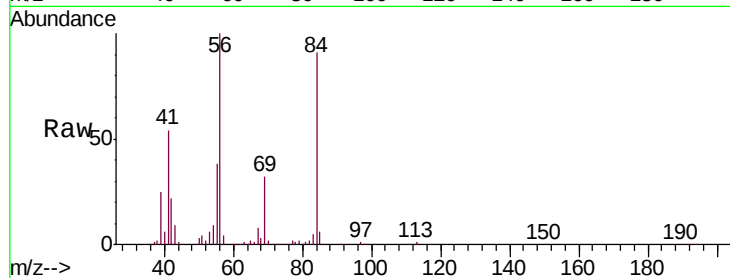
Tgt Ion: 56 Resp: 298266

Ion Ratio Lower Upper

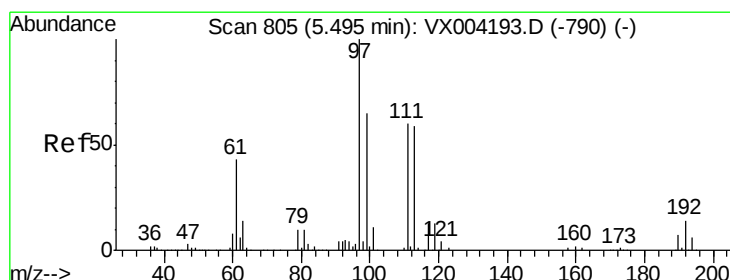
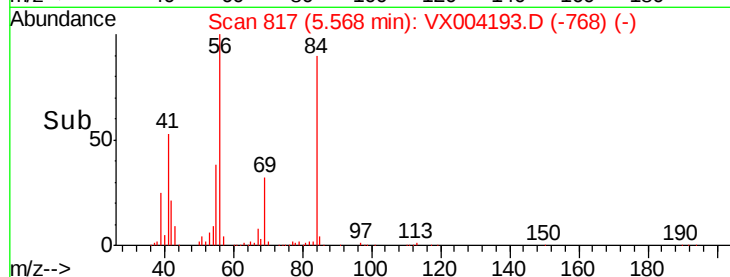
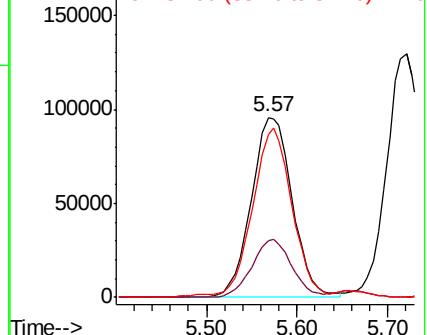
56 100

69 31.8 25.4 38.2

84 89.3 71.4 107.2



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: 50.098 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

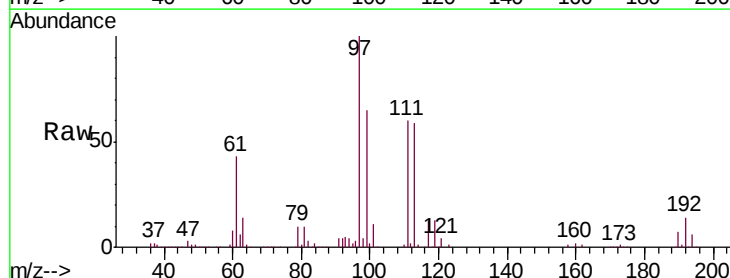
Tgt Ion: 97 Resp: 286356

Ion Ratio Lower Upper

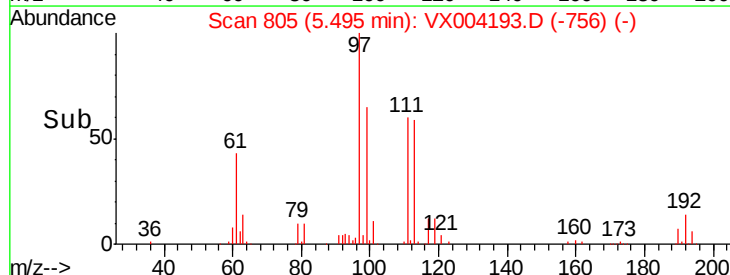
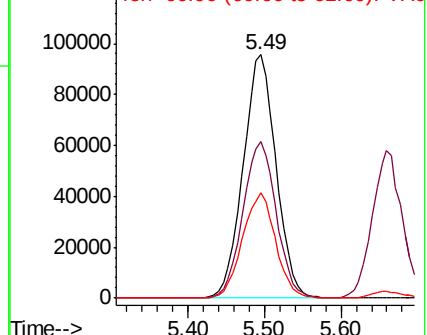
97 100

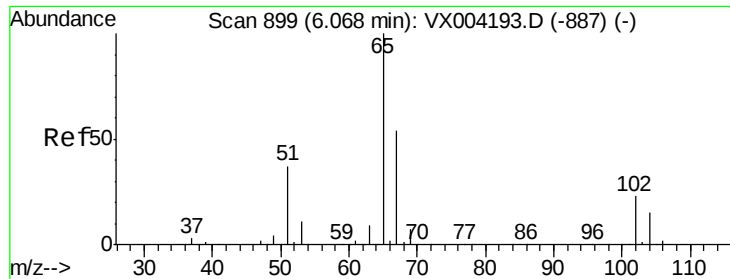
99 65.0 52.0 78.0

61 43.6 34.9 52.3



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

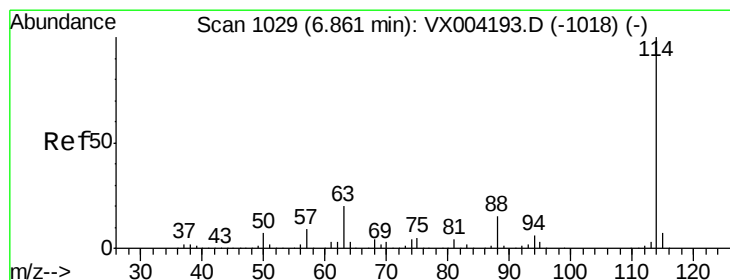
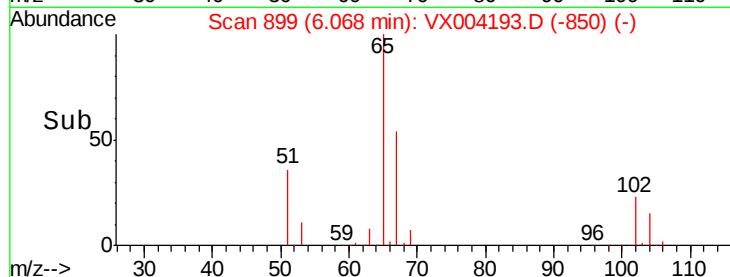
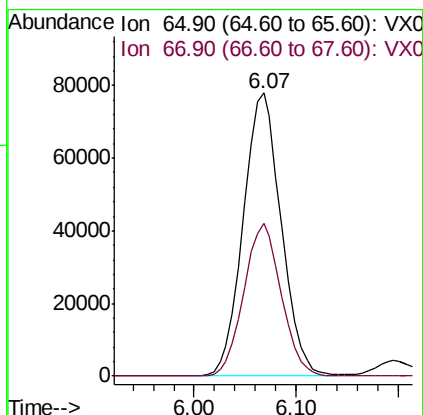
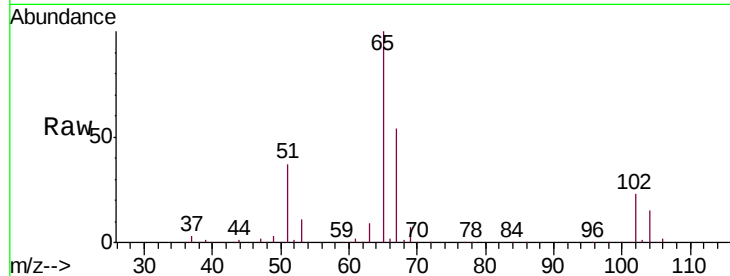




#33
 1,2-Dichloroethane-d4
 Concen: 47.943 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

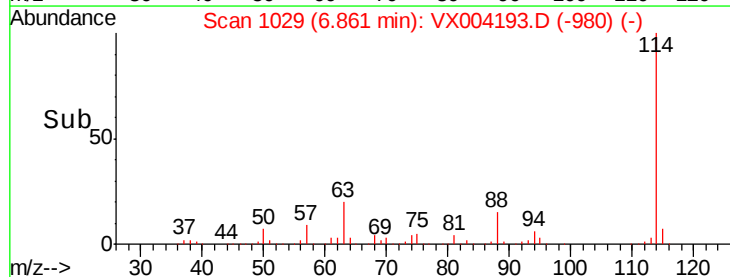
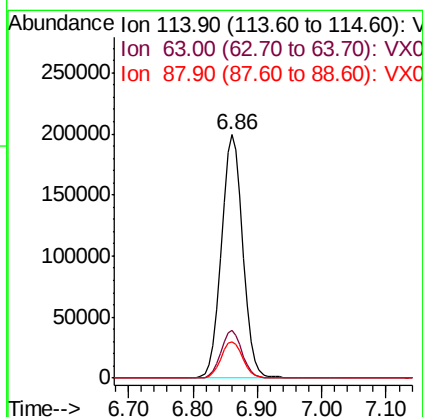
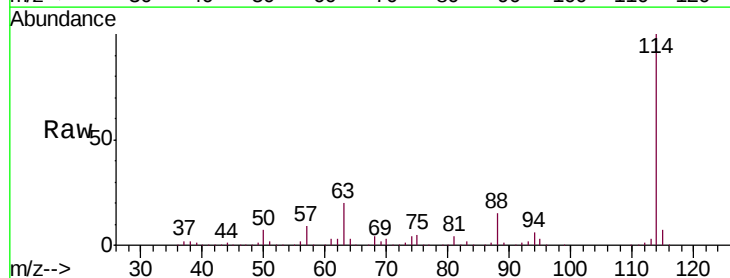
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

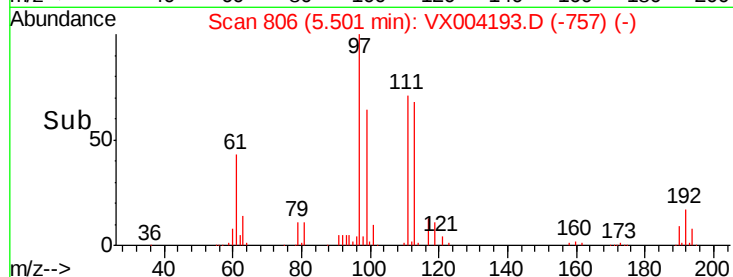
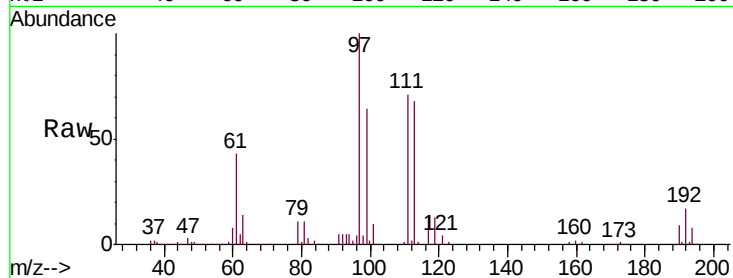
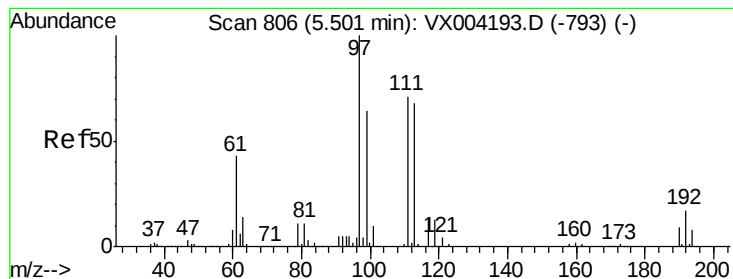
Tgt Ion: 65 Resp: 201717
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion: 114 Resp: 468381
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.220 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

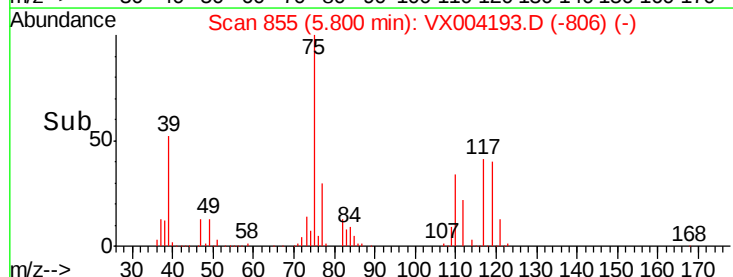
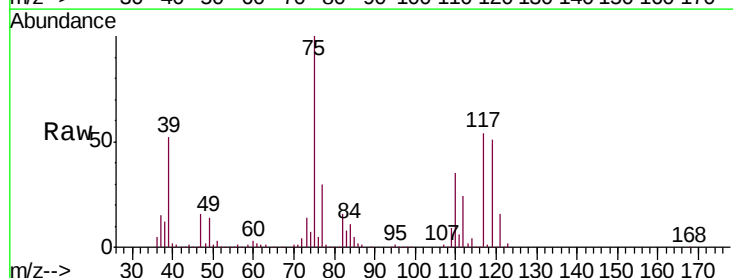
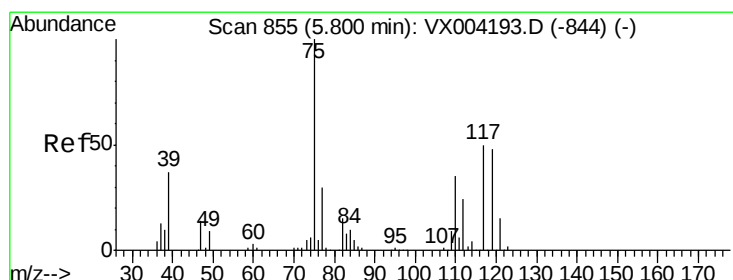
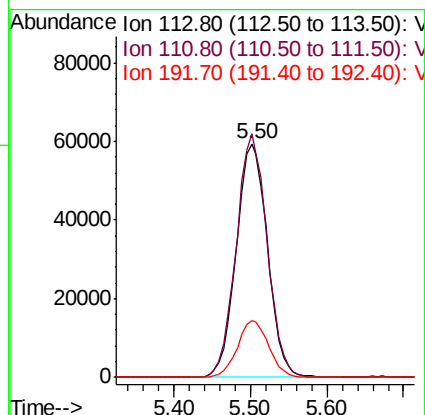
Tgt Ion:113 Resp: 168019

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 24.3 19.4 29.2



#36

1,1-Dichloropropene

Concen: 49.764 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

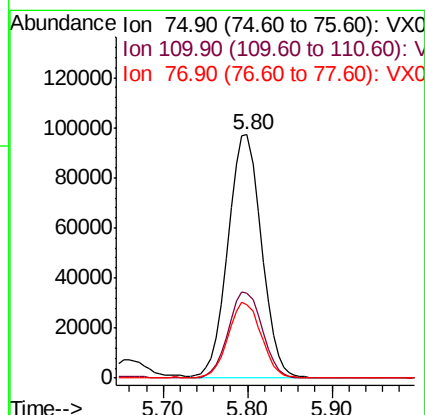
Tgt Ion: 75 Resp: 262041

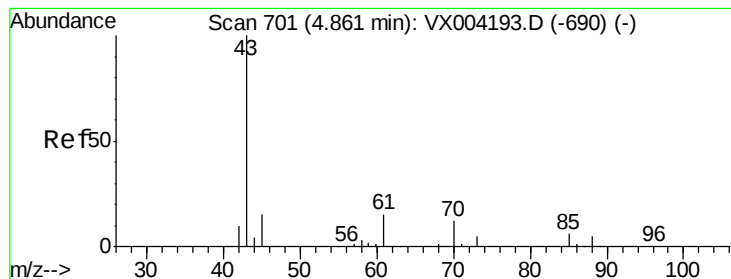
Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 50.272 ug/l

RT: 4.86 min Scan# 701

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

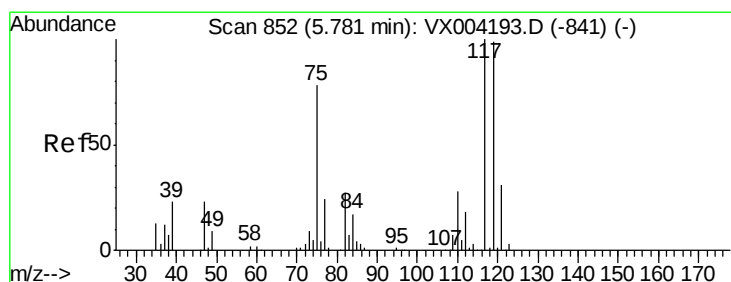
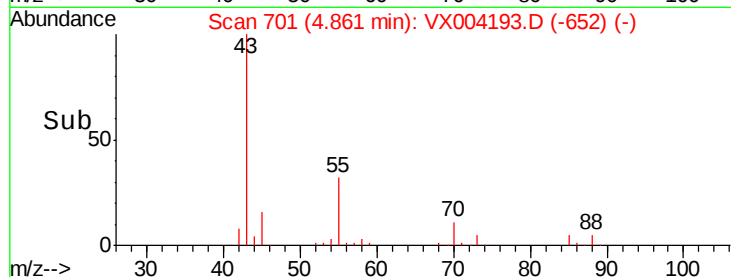
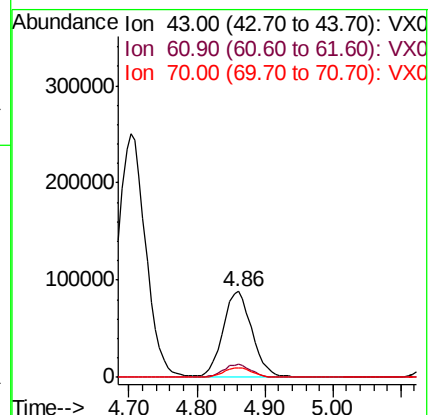
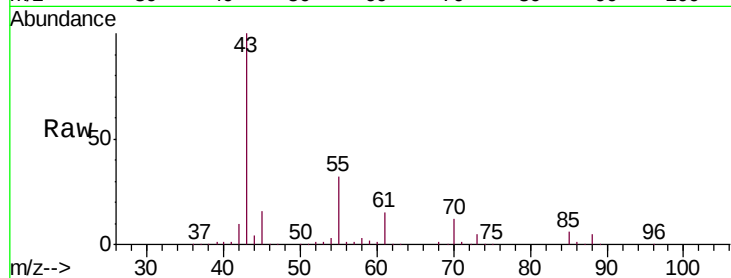
Tgt Ion: 43 Resp: 260343

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 11.3 9.0 13.6



#38

Carbon Tetrachloride

Concen: 51.013 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

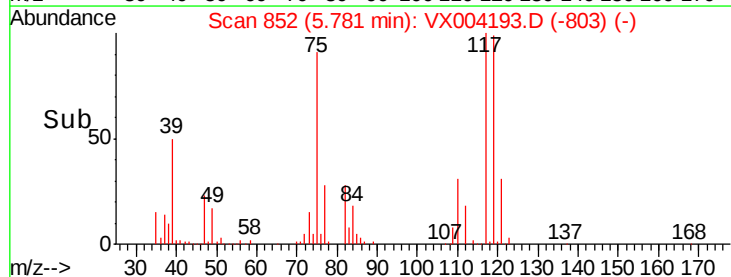
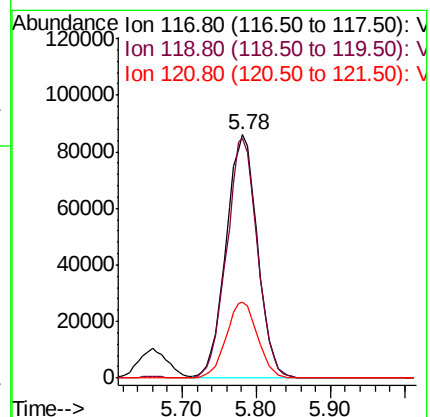
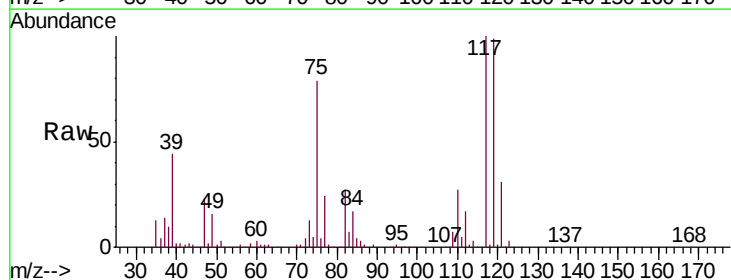
Tgt Ion: 117 Resp: 252693

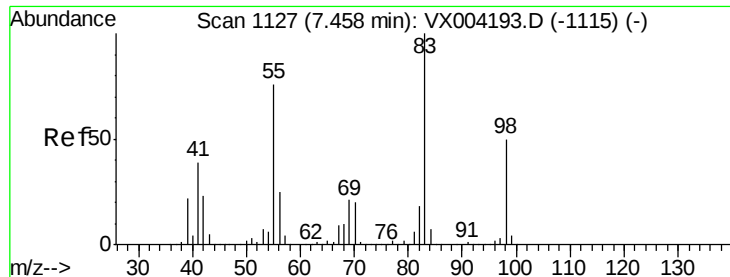
Ion Ratio Lower Upper

117 100

119 98.5 78.8 118.2

121 31.1 24.9 37.3

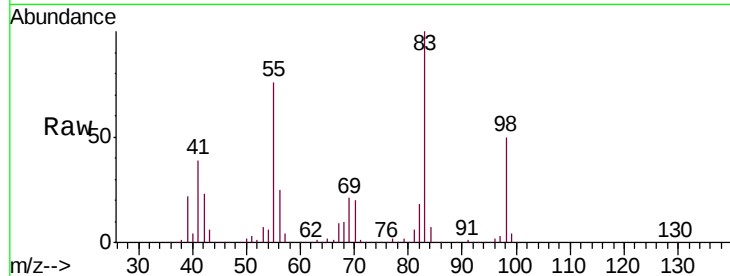




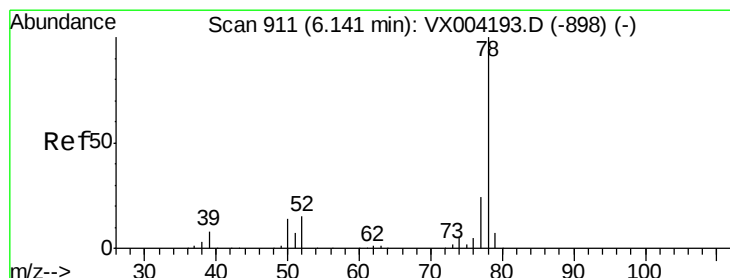
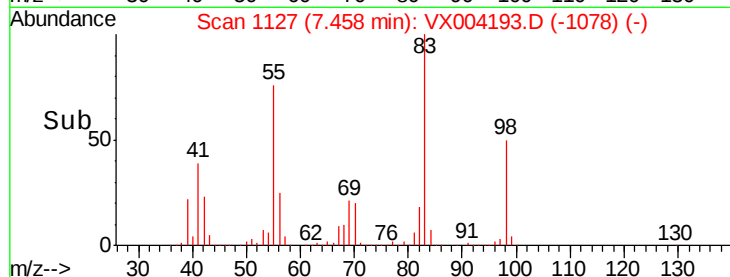
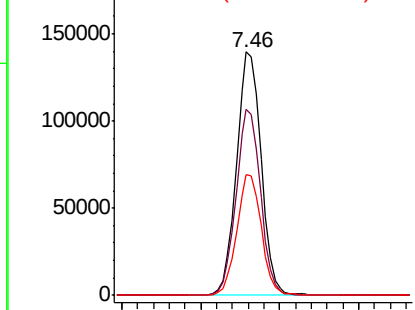
#39
Methylcyclohexane
Concen: 50.507 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 303642
Ion Ratio Lower Upper
83 100
55 76.2 61.0 91.4
98 49.5 39.6 59.4

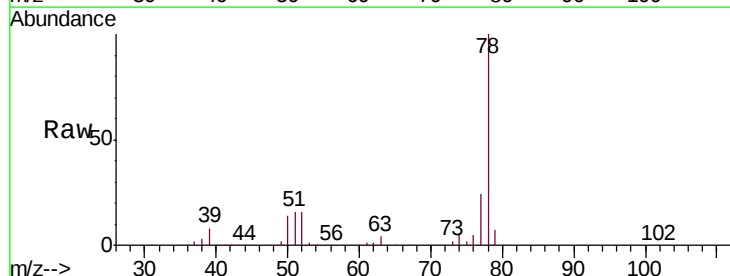


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

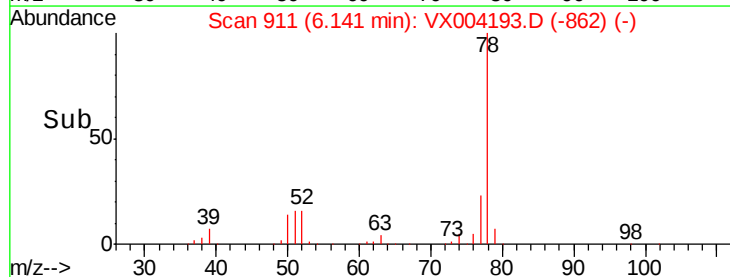
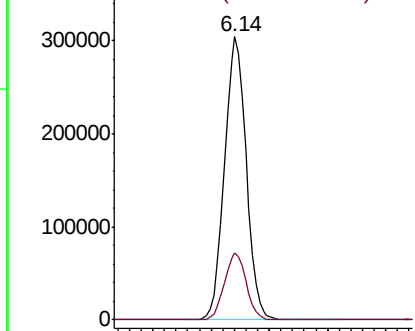


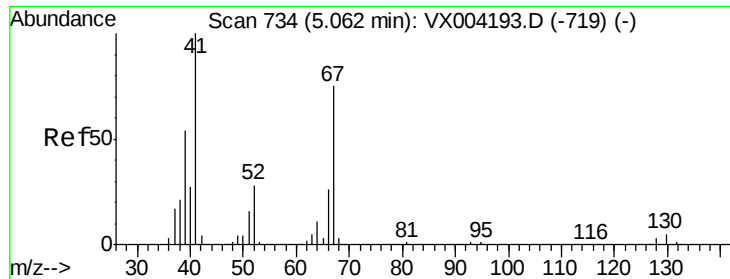
#40
Benzene
Concen: 50.198 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 78 Resp: 789825
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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

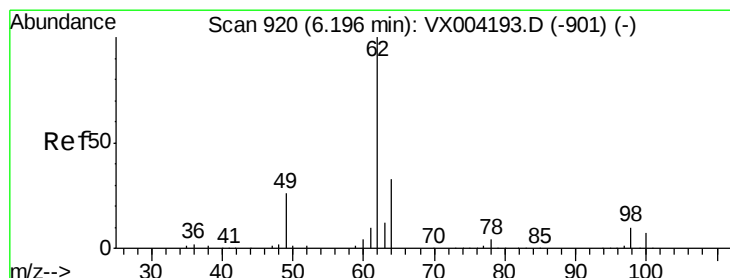
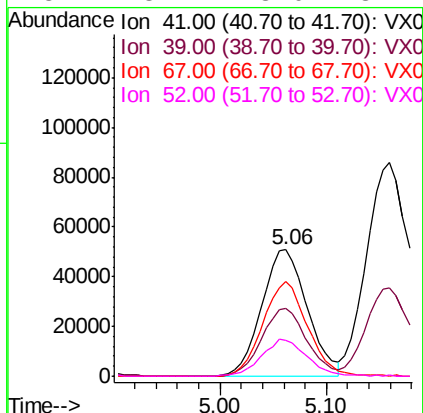
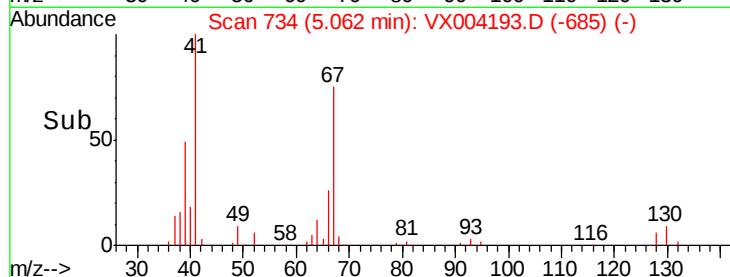
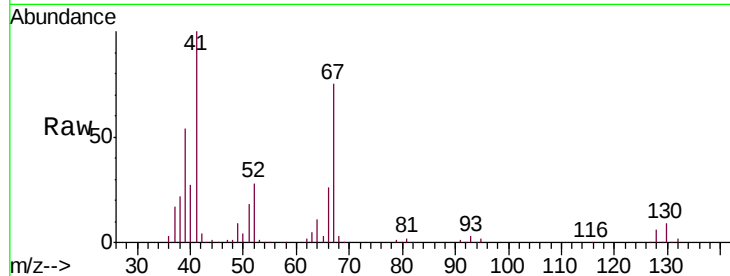




#41
Methacrylonitrile
Concen: 50.359 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

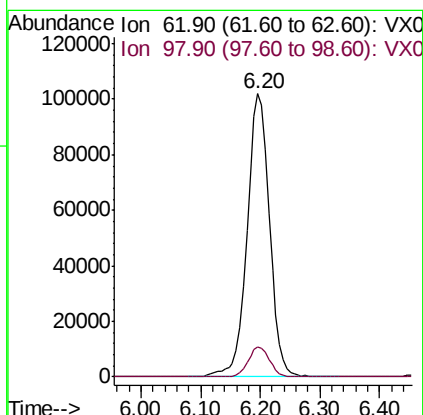
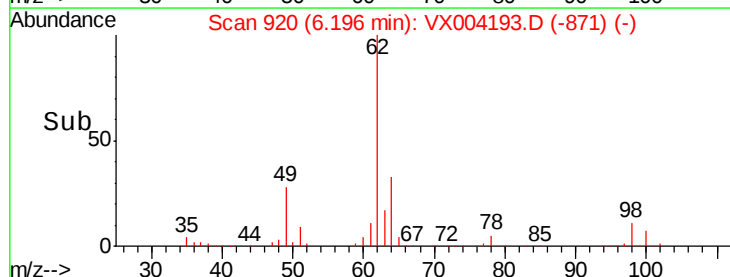
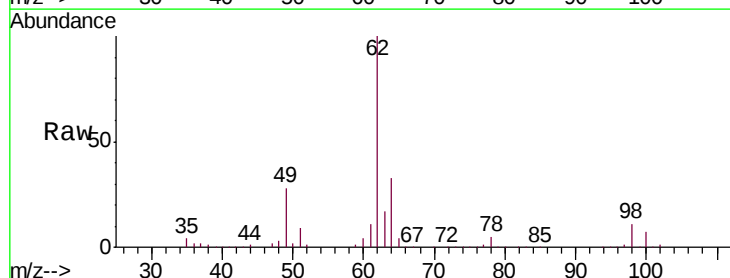
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

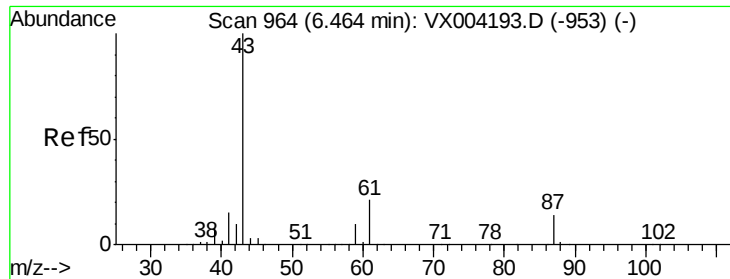
Tgt Ion:	41	Resp:	151166
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.4	63.6
67	74.0	59.2	88.8
52	28.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 49.662 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion:	62	Resp:	266535
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 51.224 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

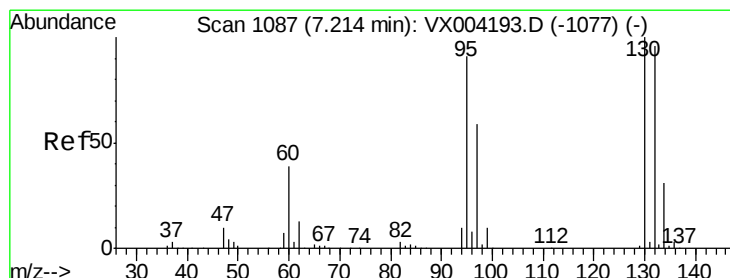
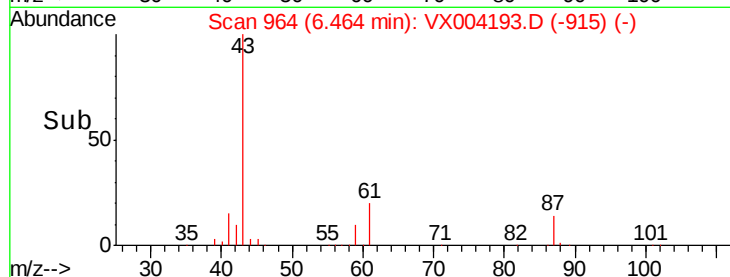
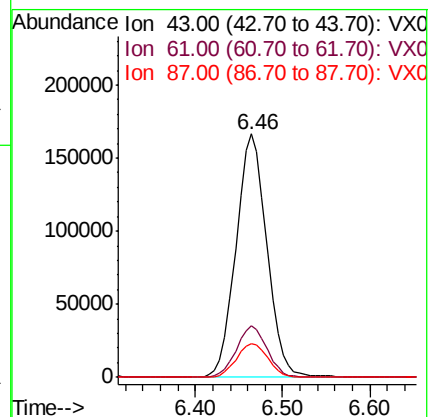
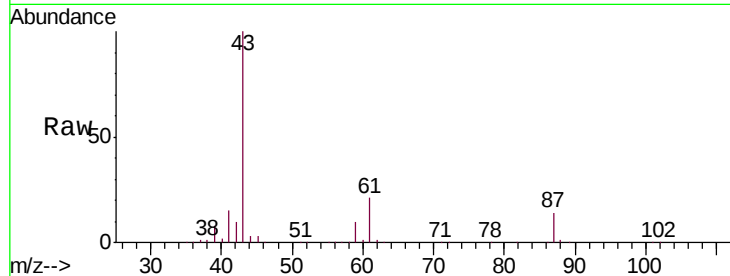
Tgt Ion: 43 Resp: 407620

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

87 14.3 11.4 17.2



#44

Trichloroethene

Concen: 48.618 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004193.D

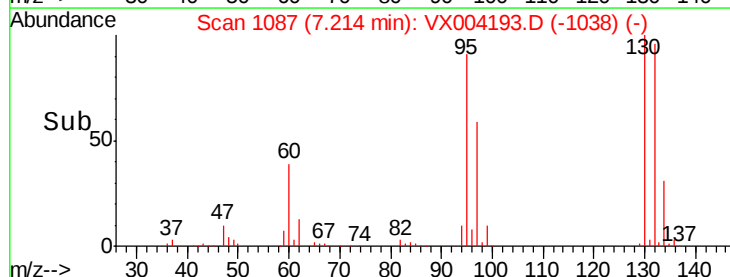
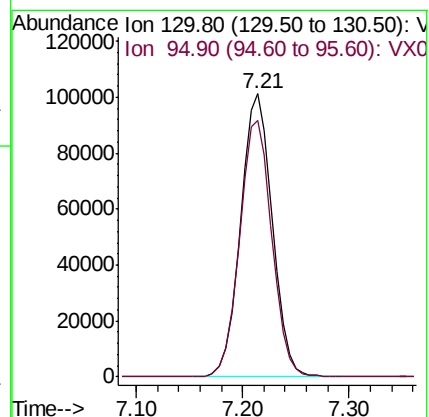
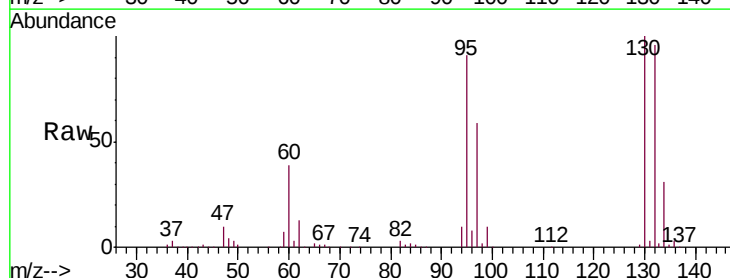
Acq: 22 Aug 2018 11:41

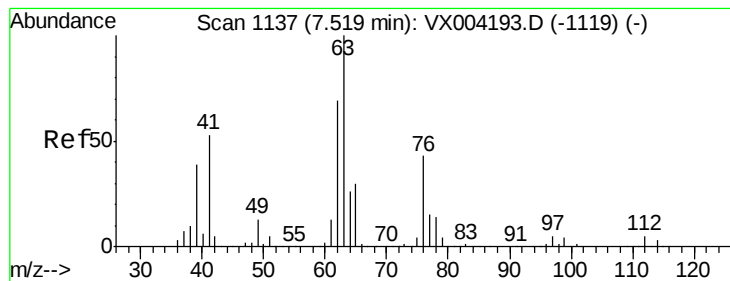
Tgt Ion: 130 Resp: 211748

Ion Ratio Lower Upper

130 100

95 90.8 0.0 181.6





#45

1,2-Dichloropropane

Concen: 50.633 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

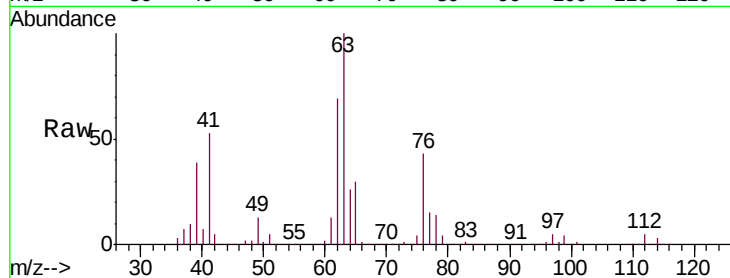
VSTDICCC050

Tgt Ion: 63 Resp: 199391

Ion Ratio Lower Upper

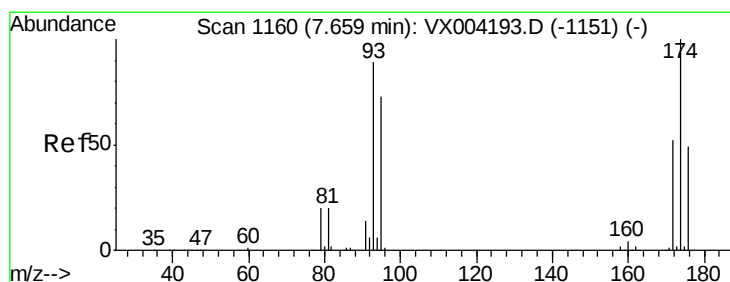
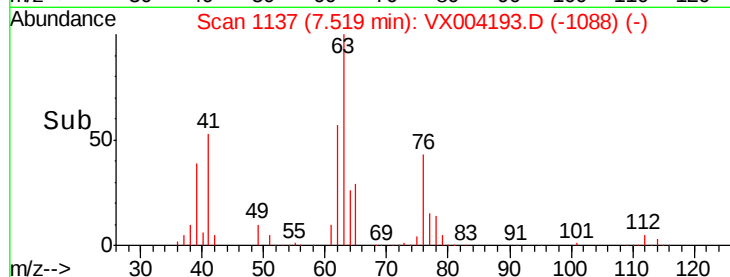
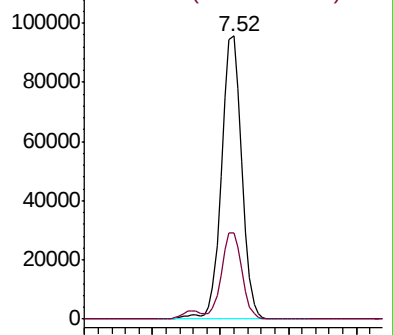
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.794 ug/l

RT: 7.66 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

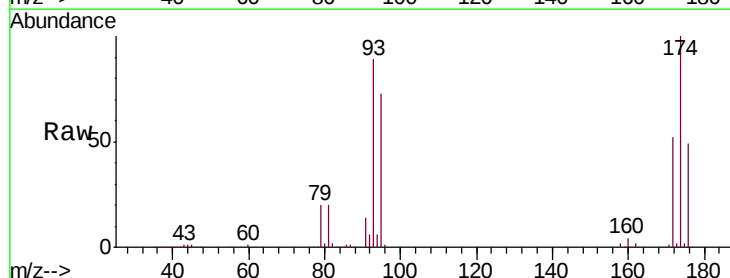
Tgt Ion: 93 Resp: 130560

Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

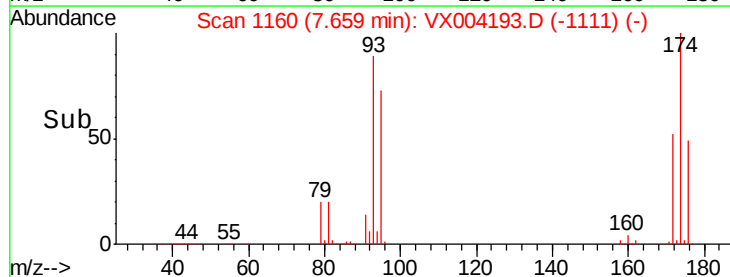
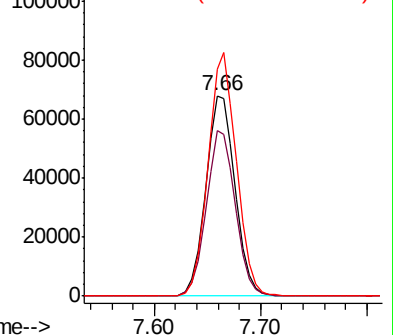
174 117.8 94.2 141.4

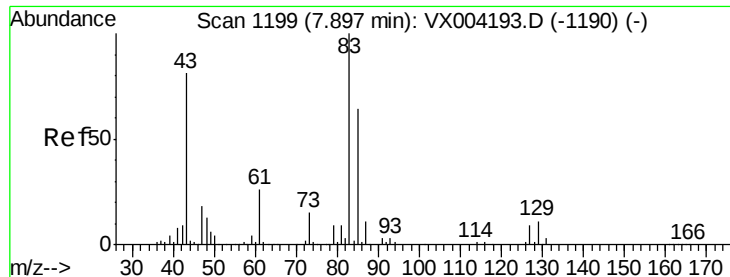


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.642 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

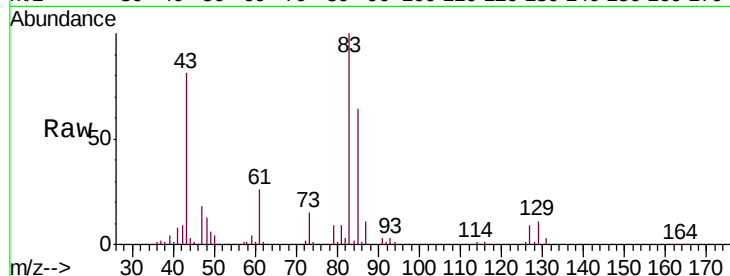
Tgt Ion: 83 Resp: 251958

Ion Ratio Lower Upper

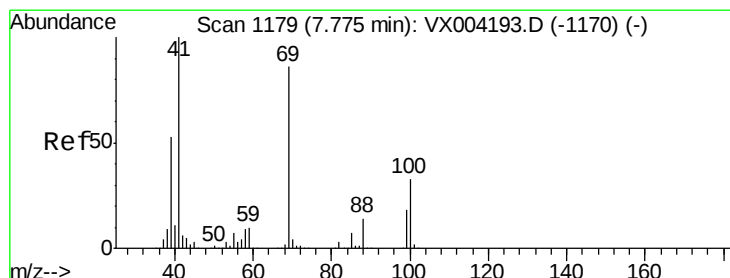
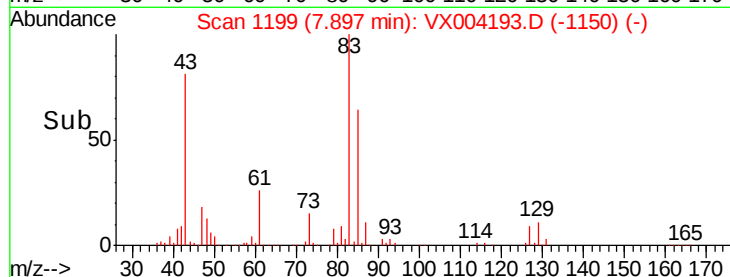
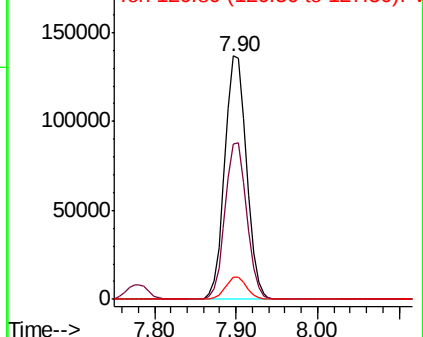
83 100

85 63.6 50.9 76.3

127 9.1 7.3 10.9



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: 52.180 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

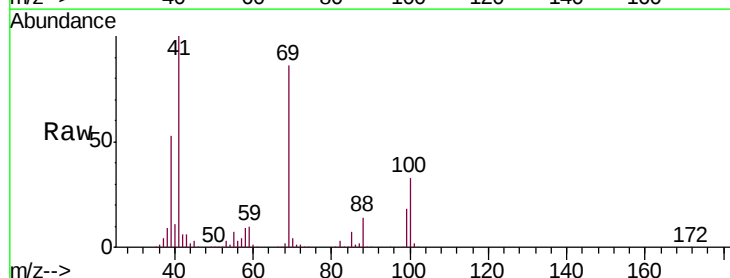
Tgt Ion: 41 Resp: 222181

Ion Ratio Lower Upper

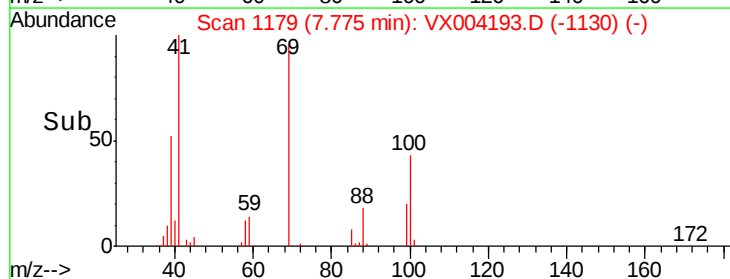
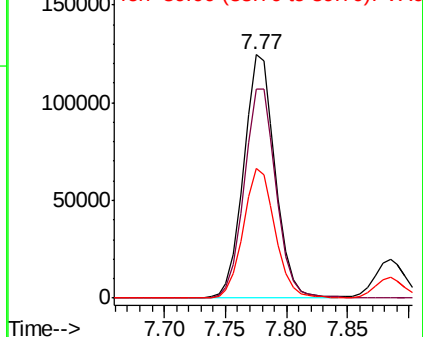
41 100

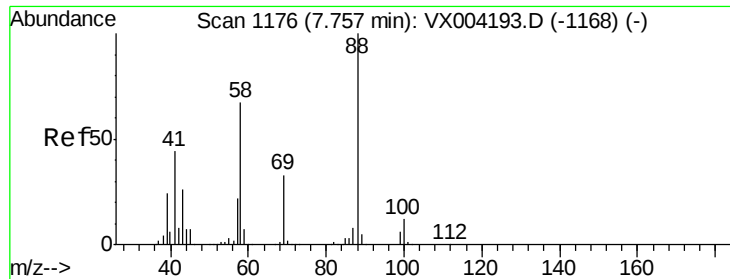
69 87.8 70.2 105.4

39 53.4 42.7 64.1



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

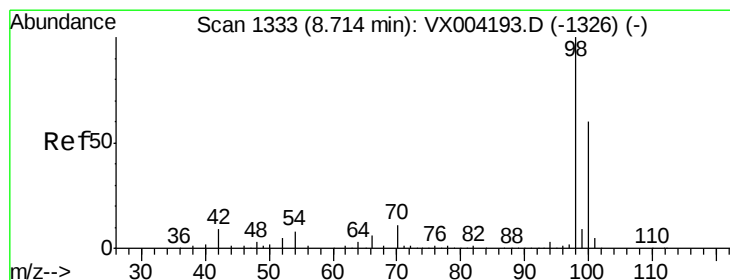
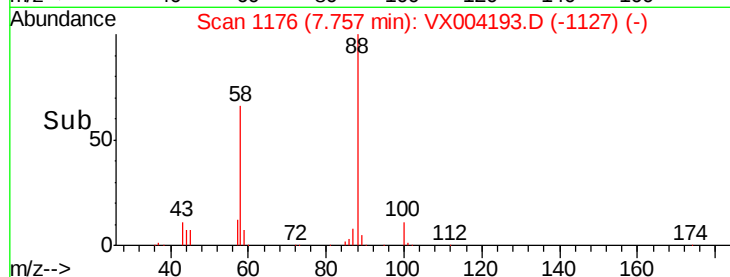
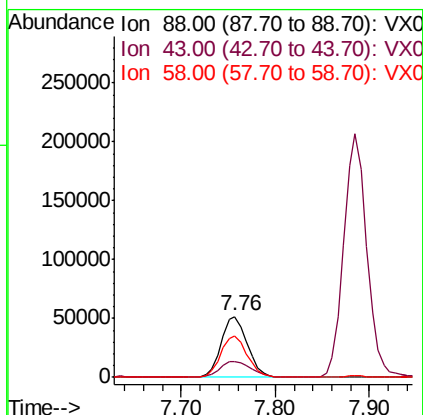
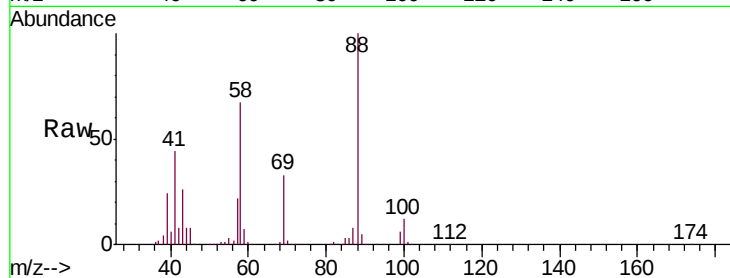




#49
1,4-Dioxane
Concen: 1035.696 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

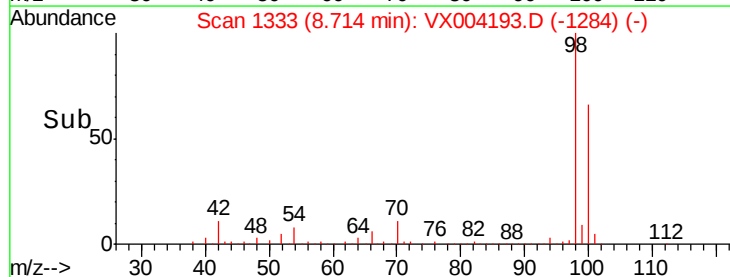
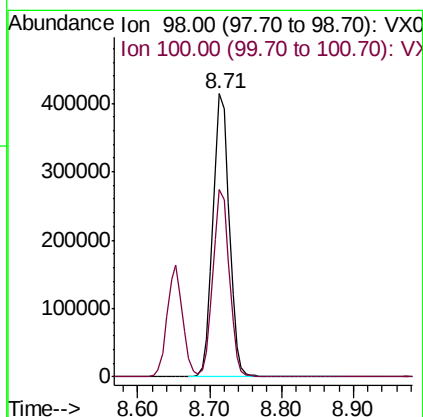
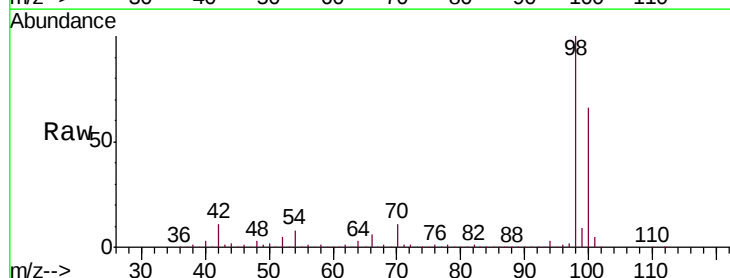
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

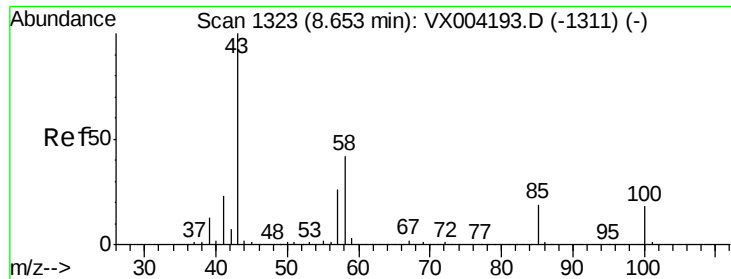
Tgt Ion: 88 Resp: 100125
Ion Ratio Lower Upper
88 100
43 30.9 24.7 37.1
58 69.1 55.3 82.9



#50
Toluene-d8
Concen: 49.605 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 98 Resp: 652426
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

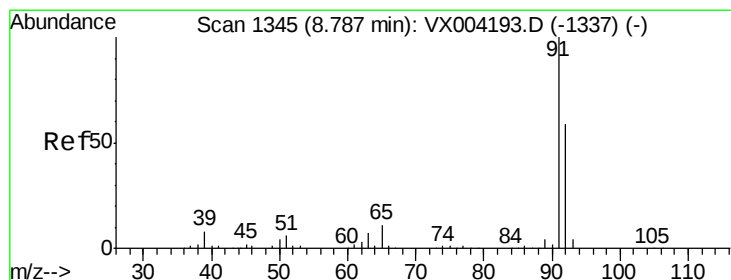
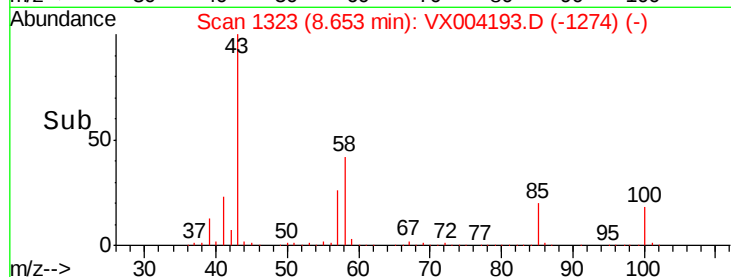
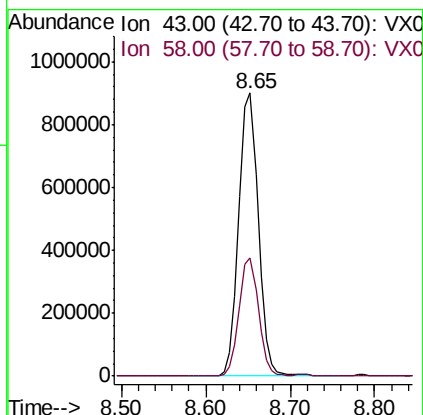
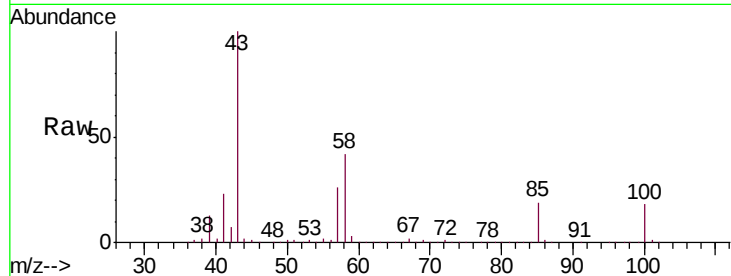




#51
 4-Methyl-2-Pentanone
 Concen: 243.309 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

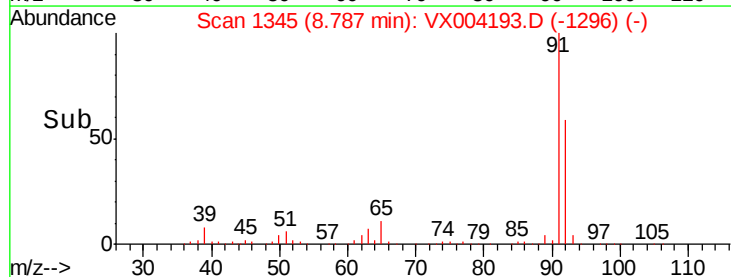
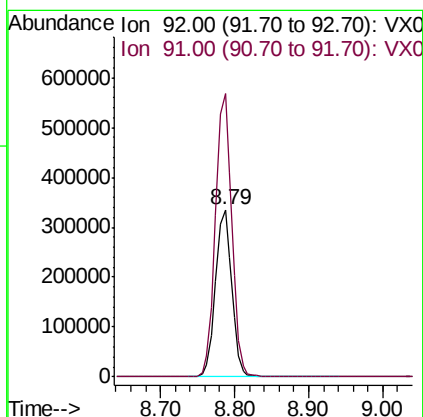
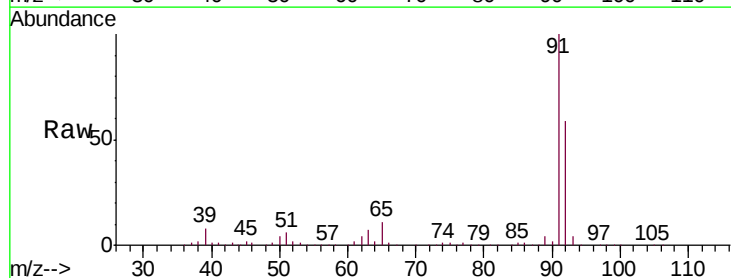
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

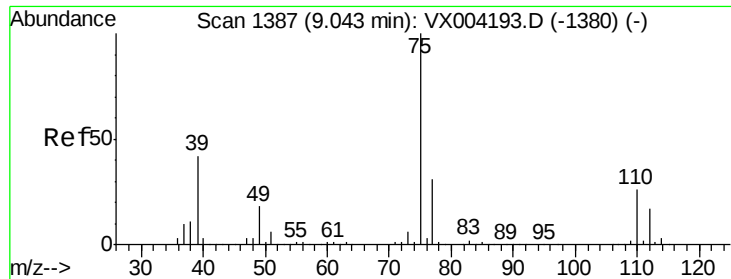
Tgt Ion: 43 Resp: 1406763
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.1 49.7



#52
 Toluene
 Concen: 51.050 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion: 92 Resp: 502792
 Ion Ratio Lower Upper
 92 100
 91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 52.981 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

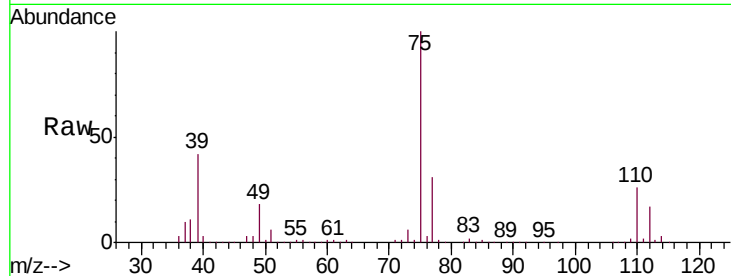
VSTDICCC050

Tgt Ion: 75 Resp: 285505

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

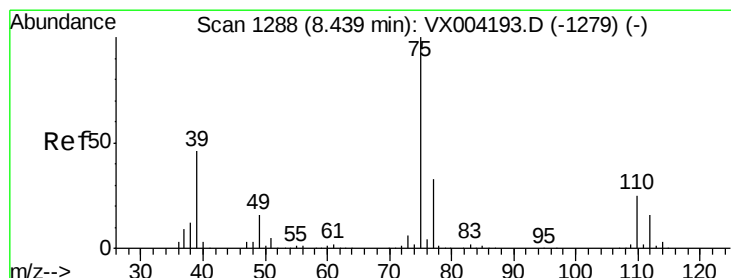
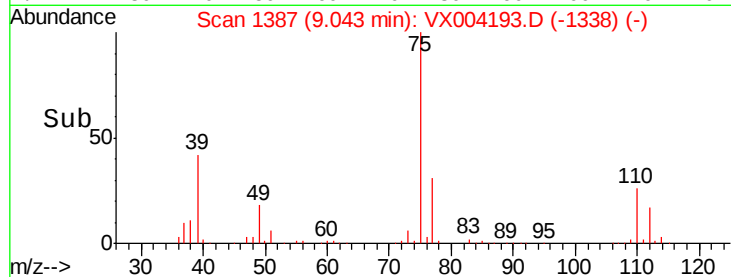
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.603 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

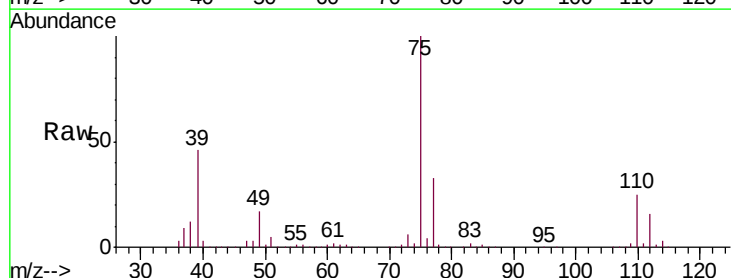
Tgt Ion: 75 Resp: 308770

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

39 45.5 36.4 54.6



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

8.44

200000

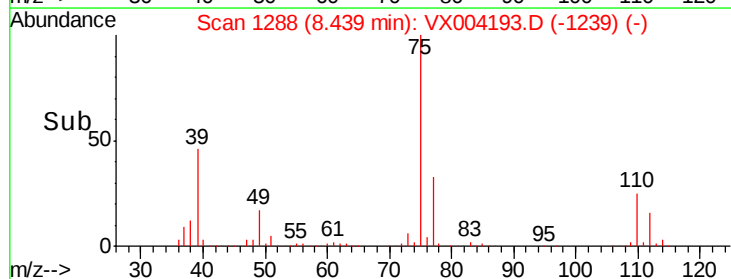
150000

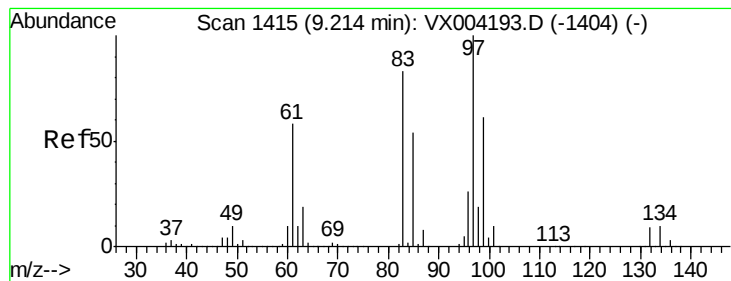
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.609 ug/l

RT: 9.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 201213

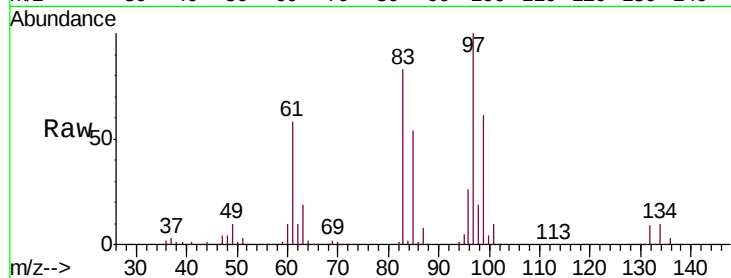
Ion Ratio Lower Upper

97 100

83 83.0 66.4 99.6

85 54.1 43.3 64.9

99 61.2 49.0 73.4



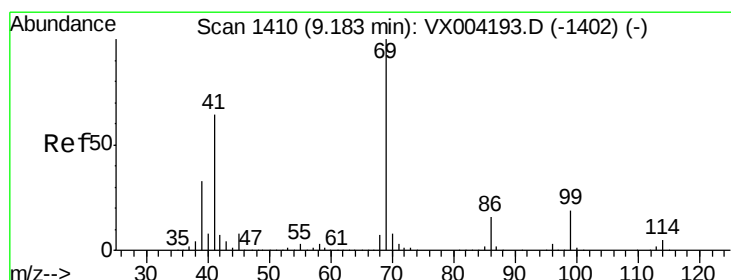
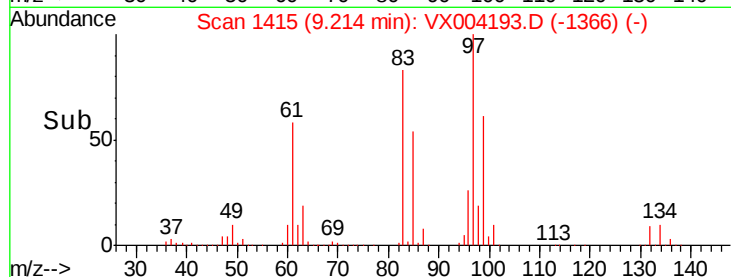
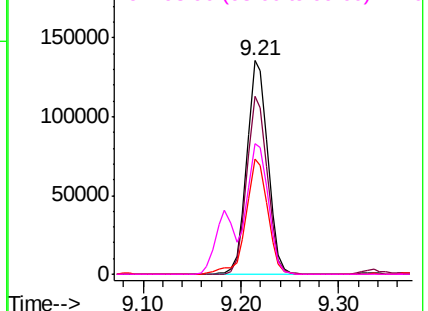
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.344 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

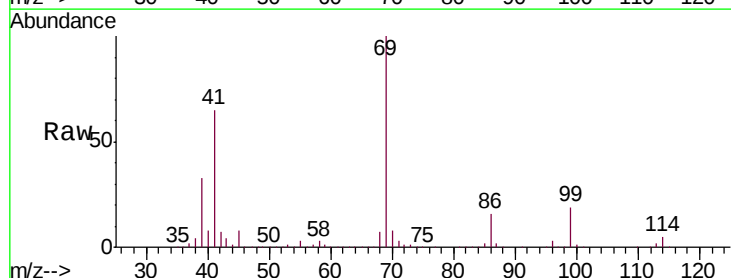
Tgt Ion: 69 Resp: 288718

Ion Ratio Lower Upper

69 100

41 63.7 51.0 76.4

39 32.6 26.1 39.1

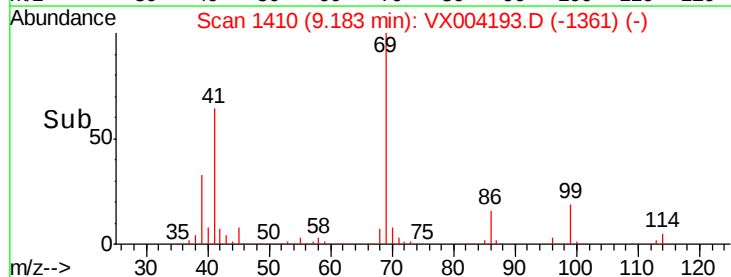
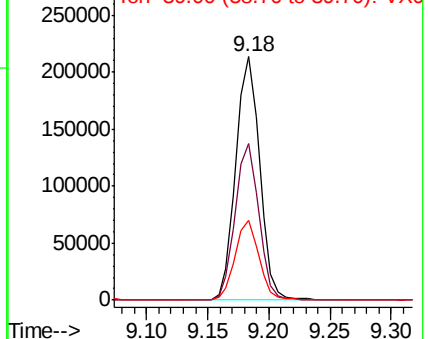


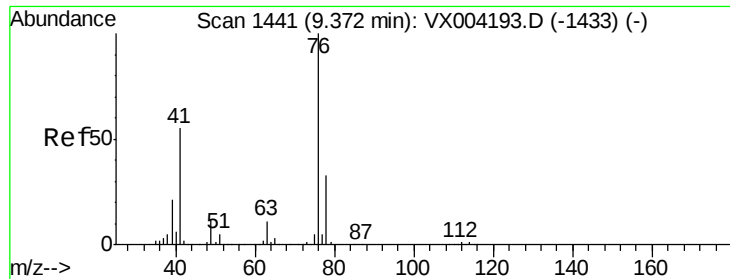
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

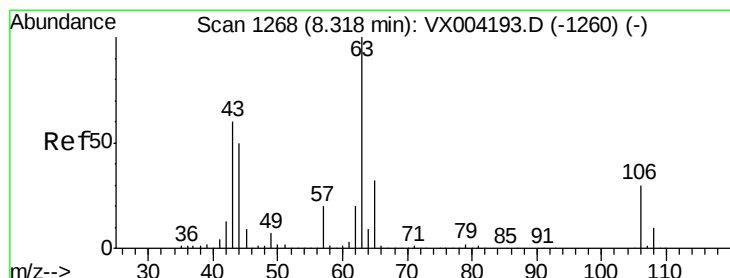
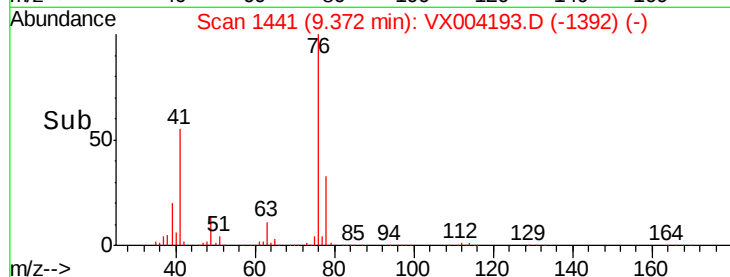
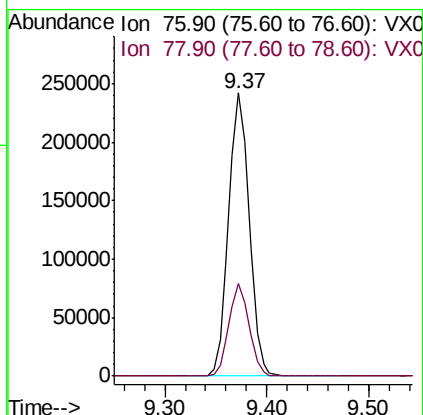
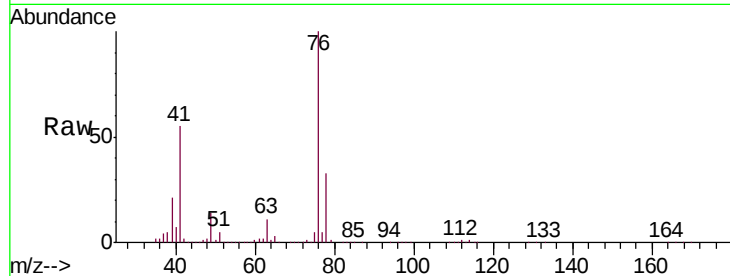




#57
 1,3-Dichloropropane
 Concen: 50.444 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

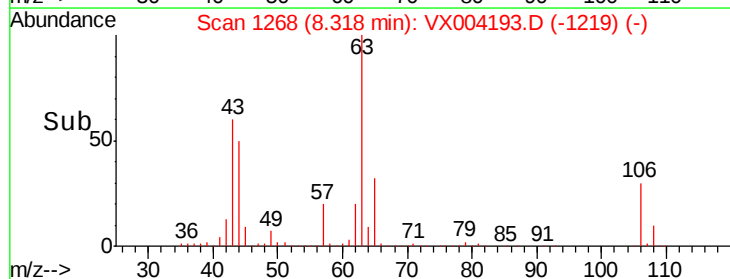
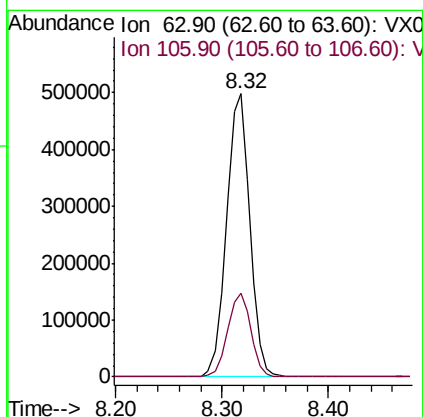
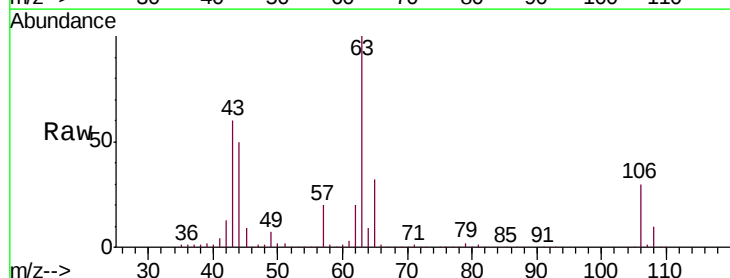
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

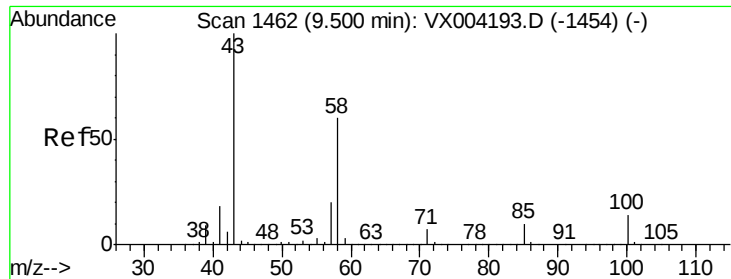
Tgt Ion: 76 Resp: 338056
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.521 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion: 63 Resp: 761307
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.9 35.9

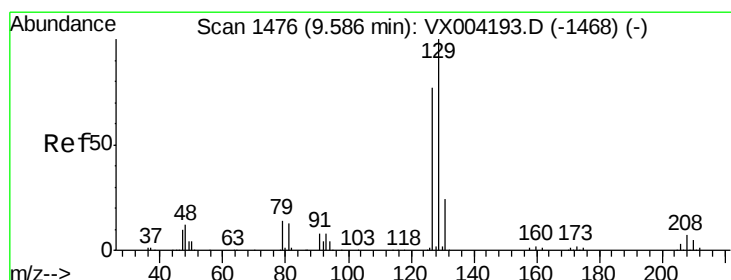
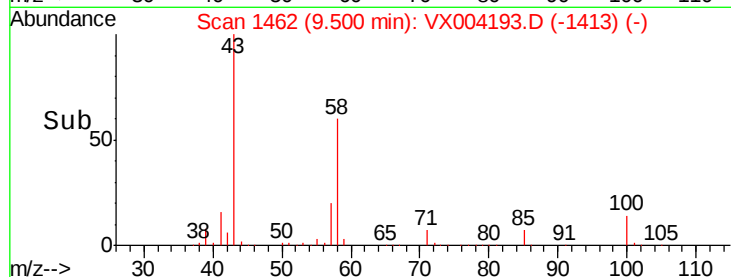
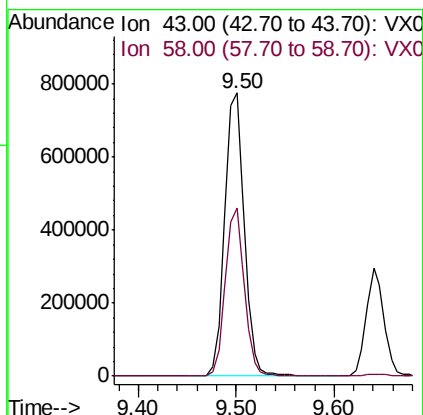
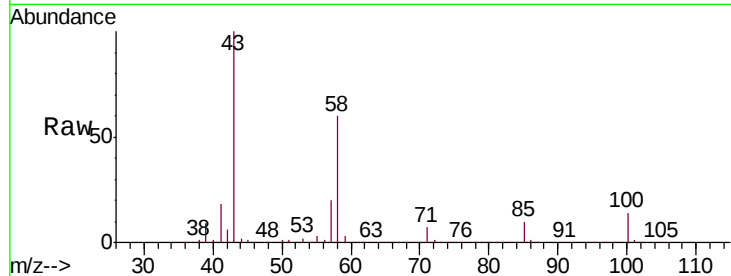




#59
2-Hexanone
Concen: 244.938 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

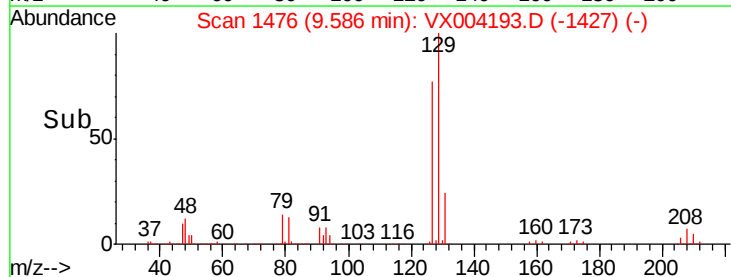
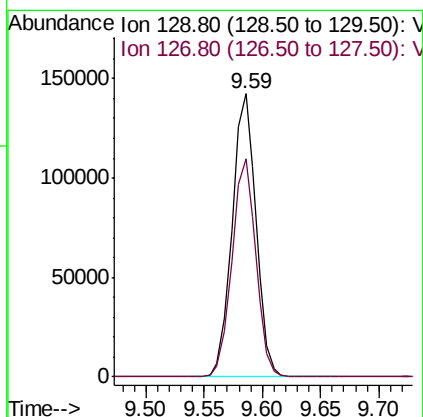
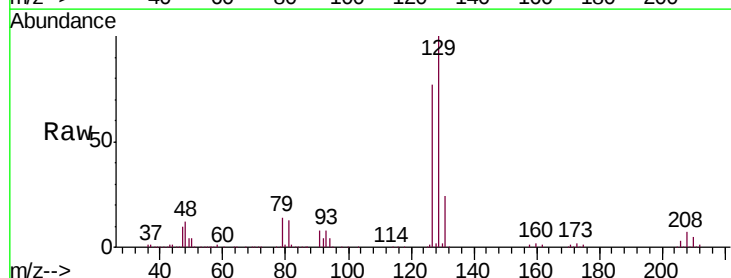
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

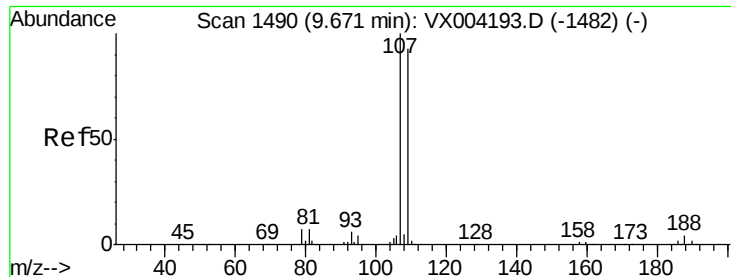
Tgt Ion: 43 Resp: 1080412
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 52.498 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 129 Resp: 203358
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.753 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

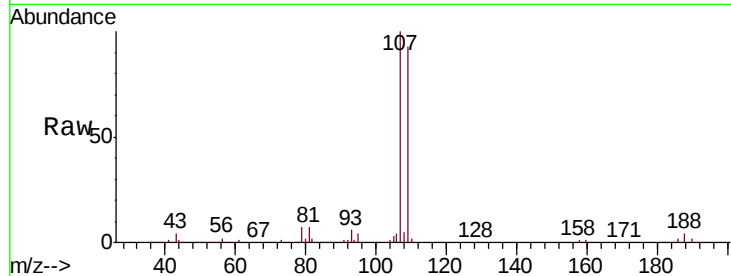
VSTDICCC050

Tgt Ion: 107 Resp: 208821

Ion Ratio Lower Upper

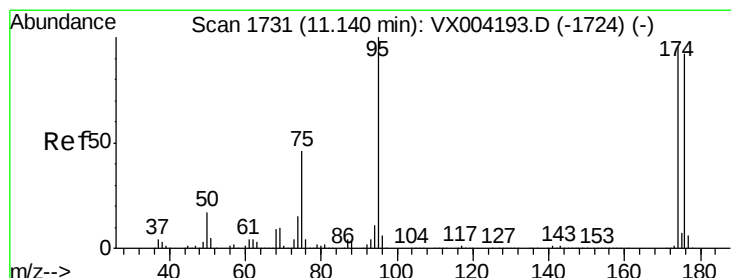
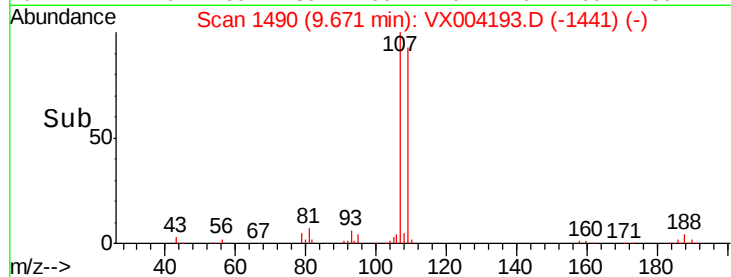
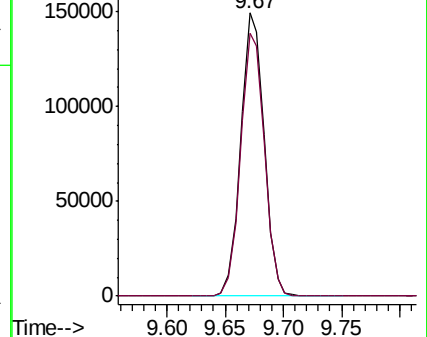
107 100

109 95.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.192 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

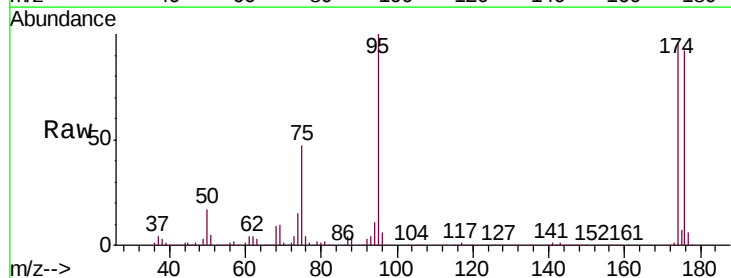
Tgt Ion: 95 Resp: 241410

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.2

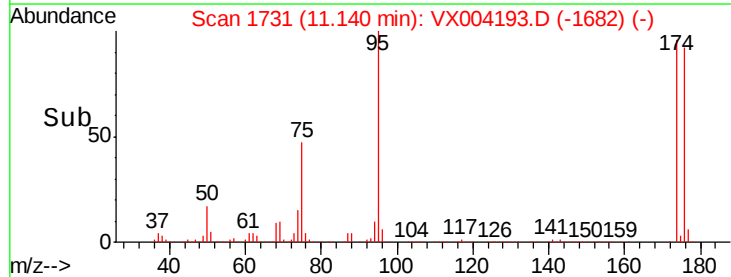
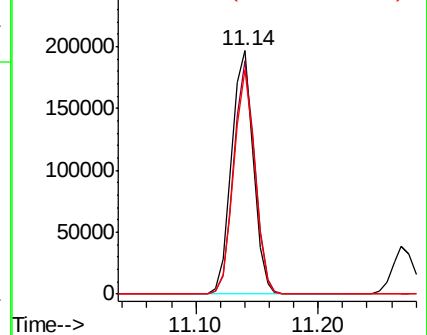
176 89.3 0.0 178.6

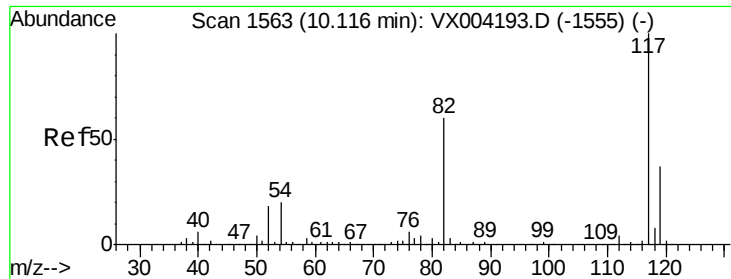


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

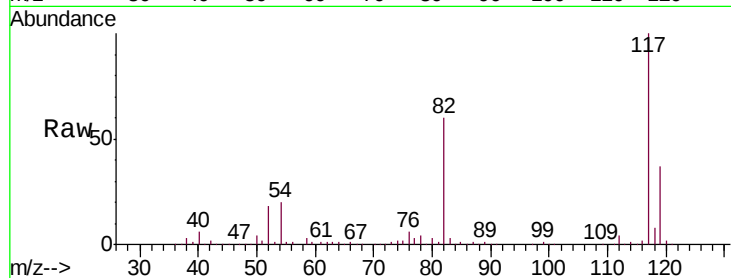




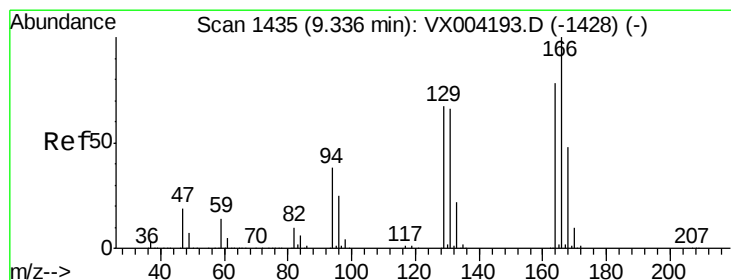
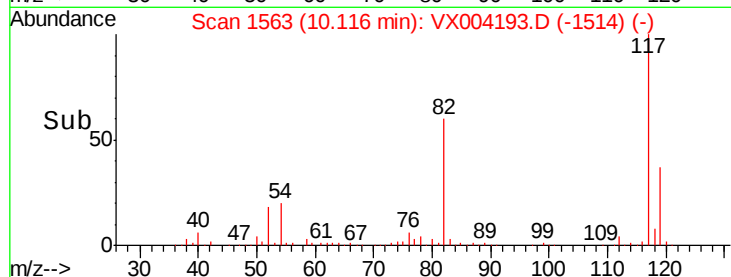
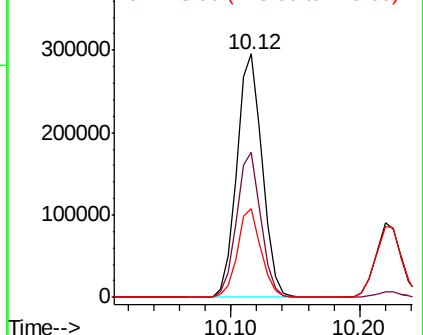
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 404104
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.6
119 36.6 29.3 43.9

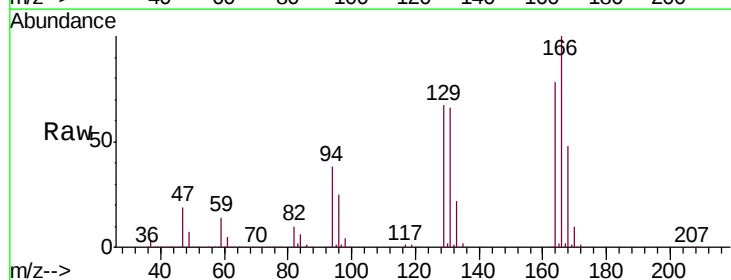


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

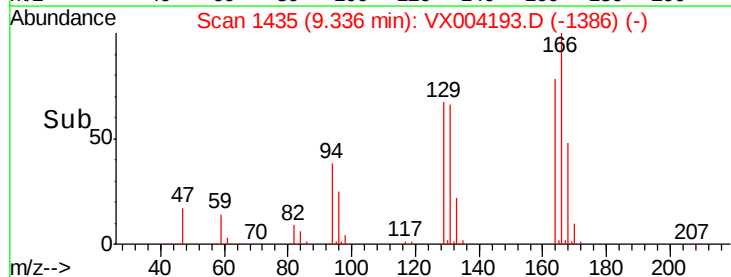
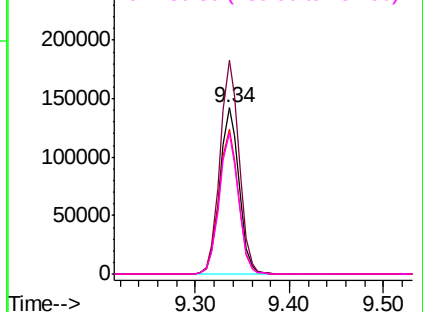


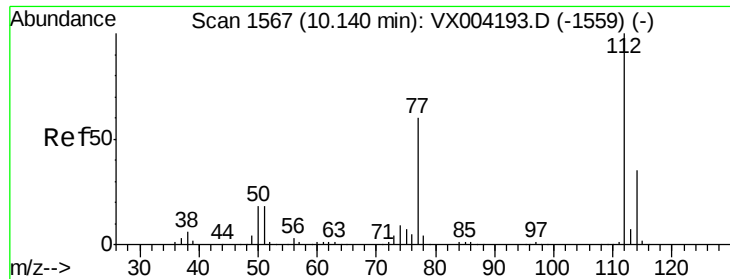
#64
Tetrachloroethene
Concen: 50.442 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion:164 Resp: 201363
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 86.7 69.4 104.0
131 84.9 67.9 101.9



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





#65

Chlorobenzene

Concen: 49.760 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

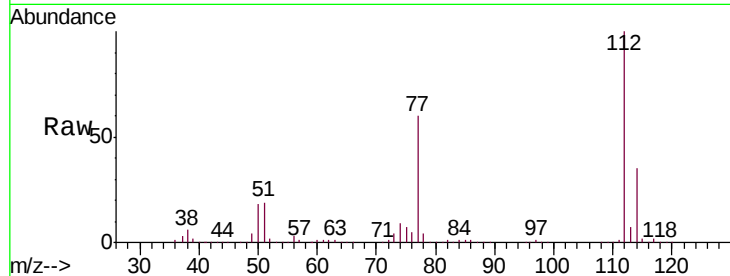
VSTDICCC050

Tgt Ion:112 Resp: 504667

Ion Ratio Lower Upper

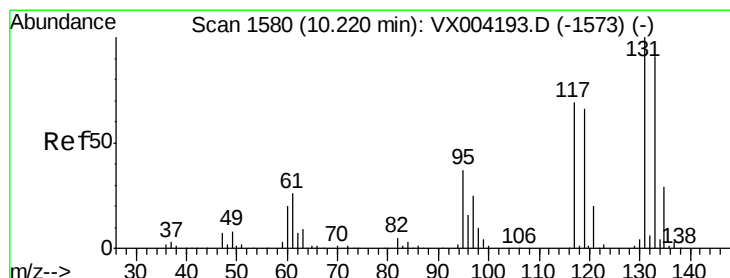
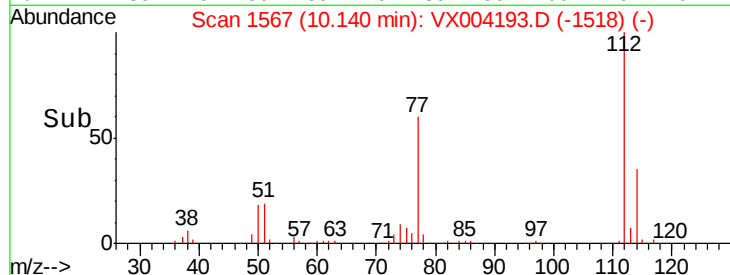
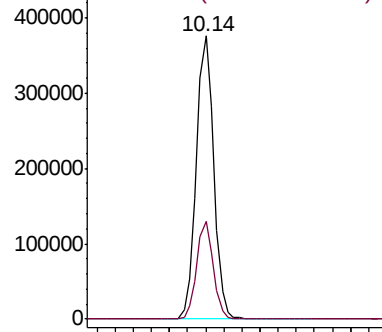
112 100

114 34.8 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.007 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

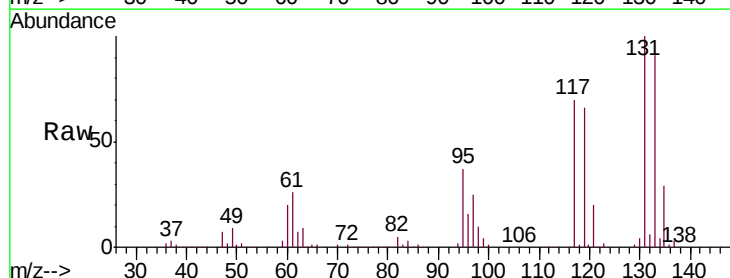
Tgt Ion:131 Resp: 181923

Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

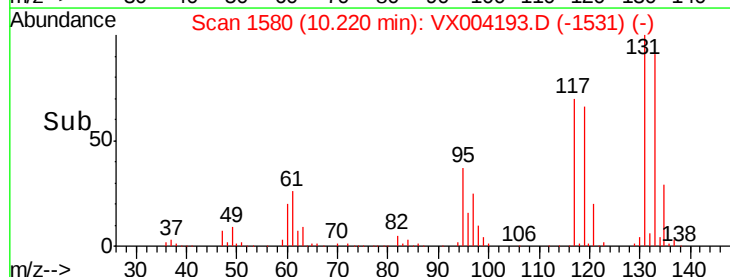
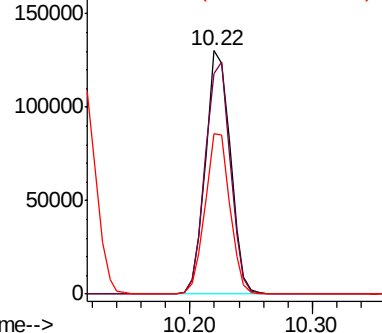
119 65.7 32.9 98.6

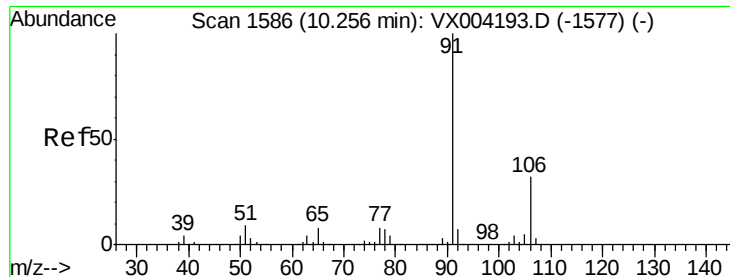


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.075 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

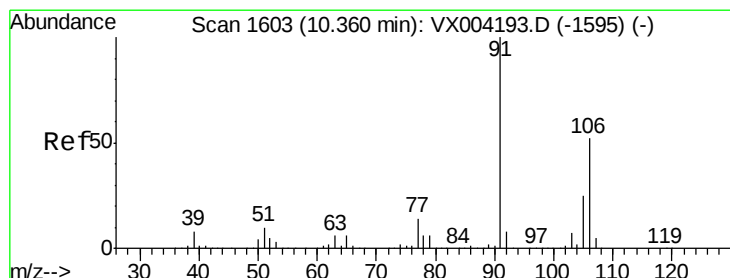
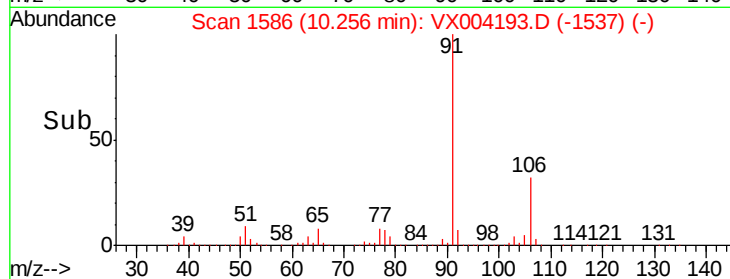
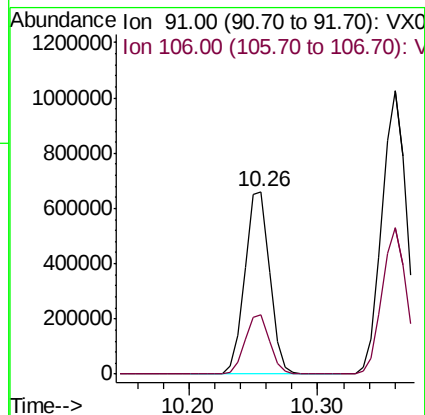
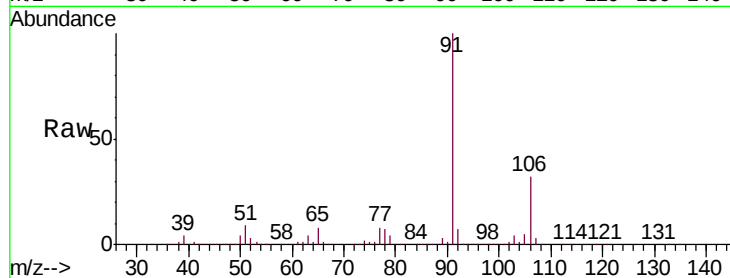
VSTDICCC050

Tgt Ion: 91 Resp: 874195

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9



#68

m/p-Xylenes

Concen: 108.183 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004193.D

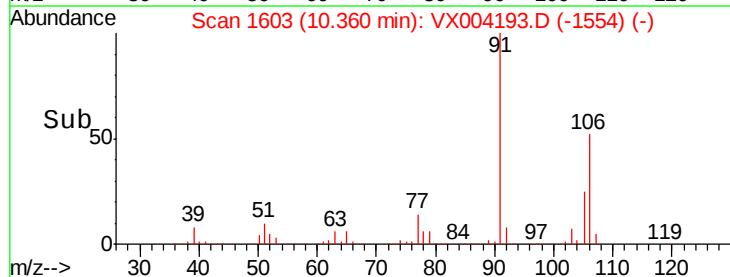
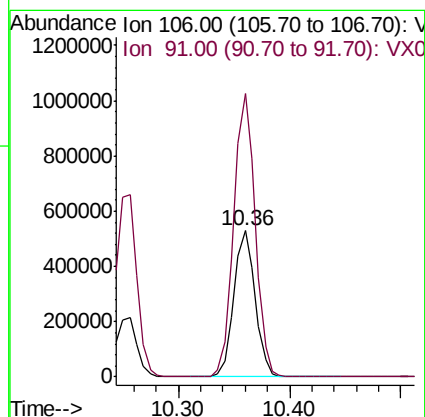
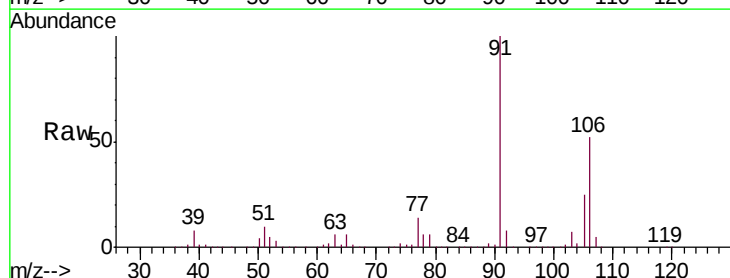
Acq: 22 Aug 2018 11:41

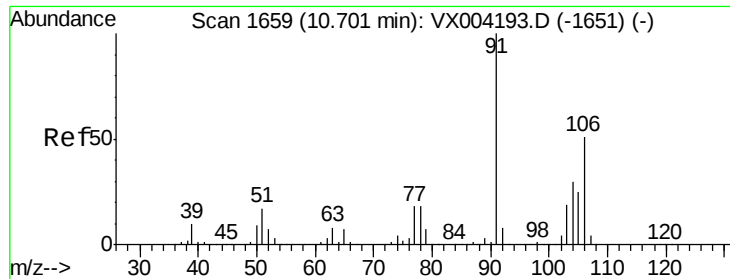
Tgt Ion: 106 Resp: 696743

Ion Ratio Lower Upper

106 100

91 196.4 157.1 235.7

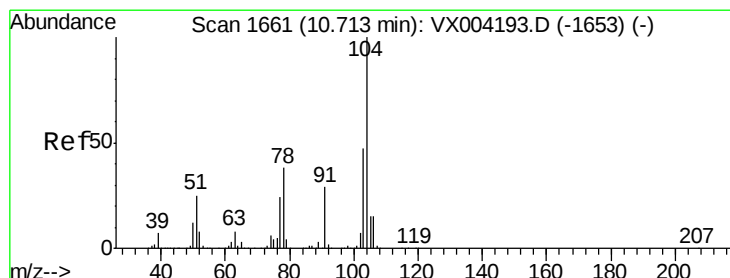
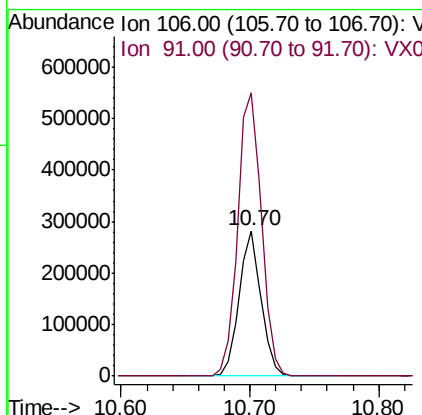
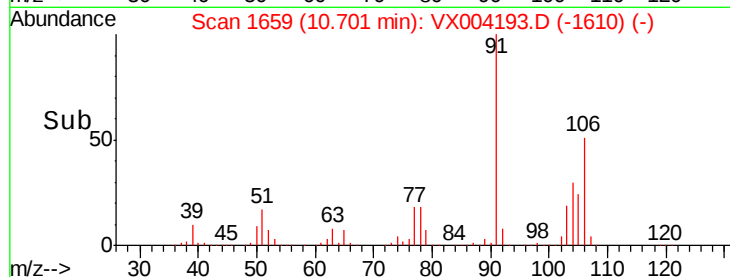
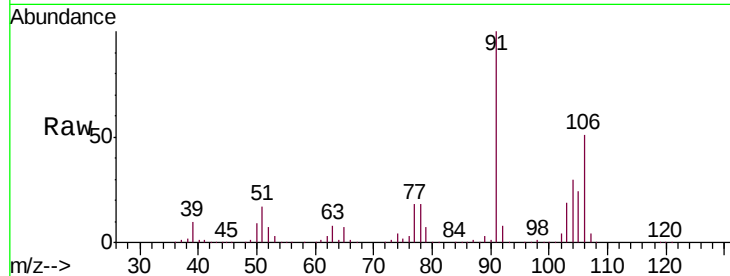




#69
o-Xylene
Concen: 54.871 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

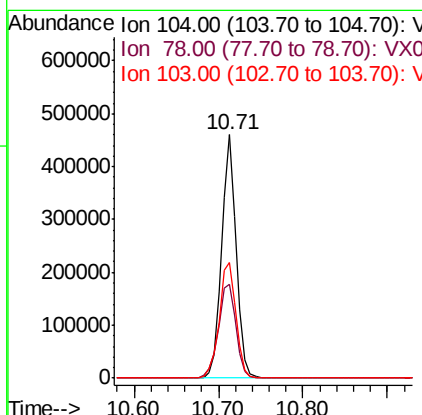
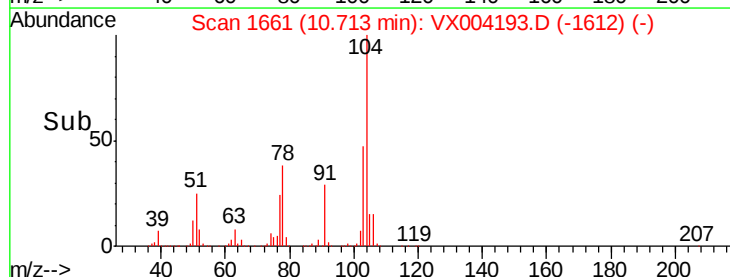
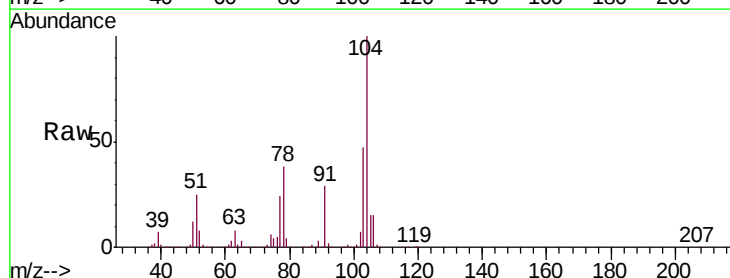
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

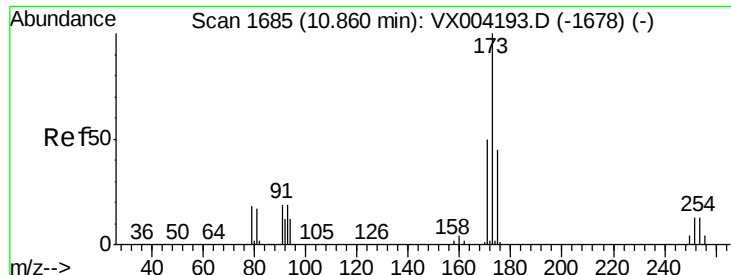
Tgt Ion:106 Resp: 334280
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1



#70
Styrene
Concen: 55.878 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion:104 Resp: 551196
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 53.351 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

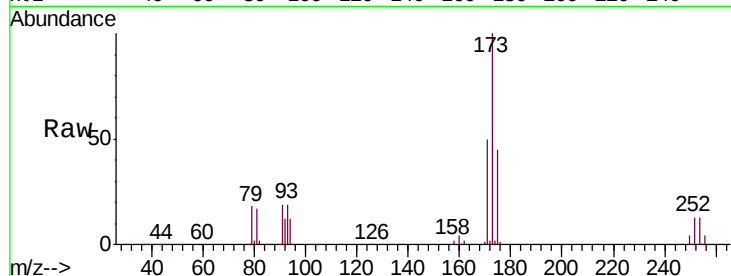
Tgt Ion:173 Resp: 150439

Ion Ratio Lower Upper

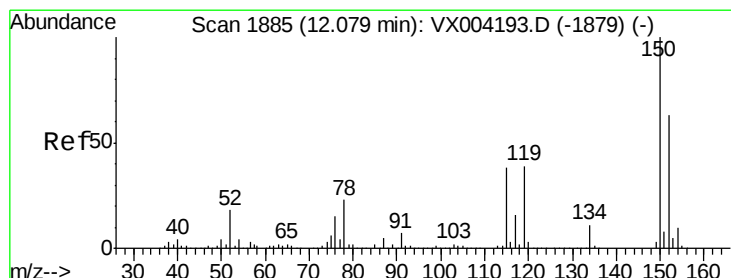
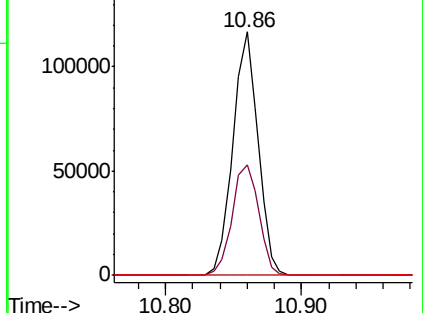
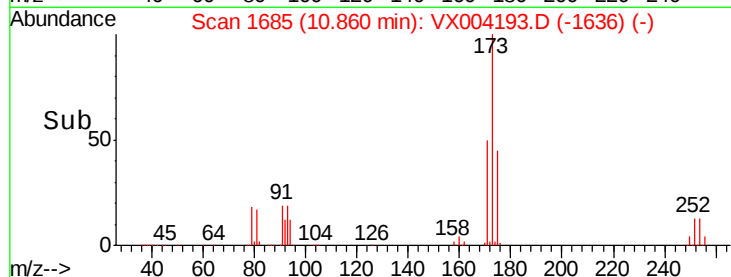
173 100

175 48.2 24.1 72.3

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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

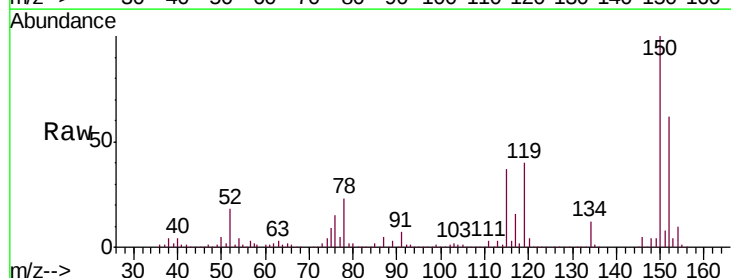
Tgt Ion:152 Resp: 277159

Ion Ratio Lower Upper

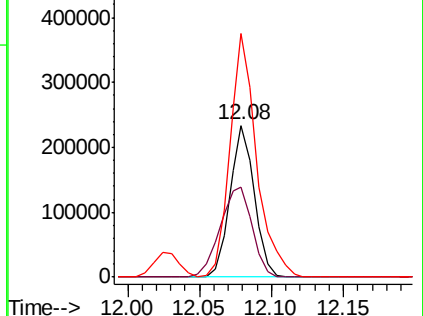
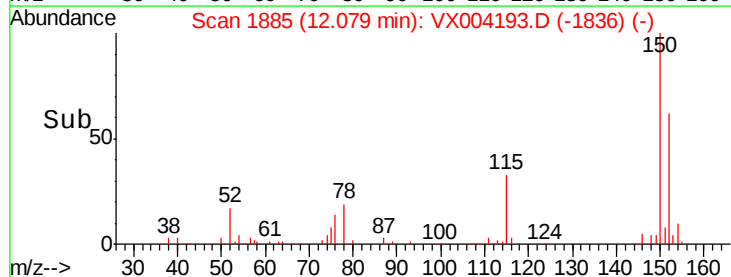
152 100

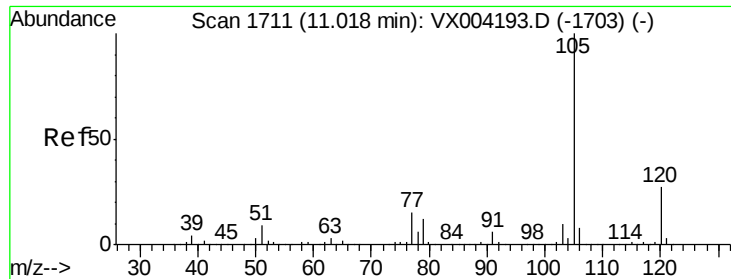
115 78.0 39.0 117.0

150 175.5 0.0 351.0



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: 52.660 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

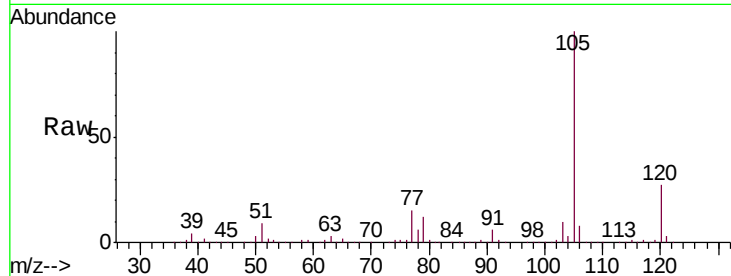
VSTDICCC050

Tgt Ion:105 Resp: 958595

Ion Ratio Lower Upper

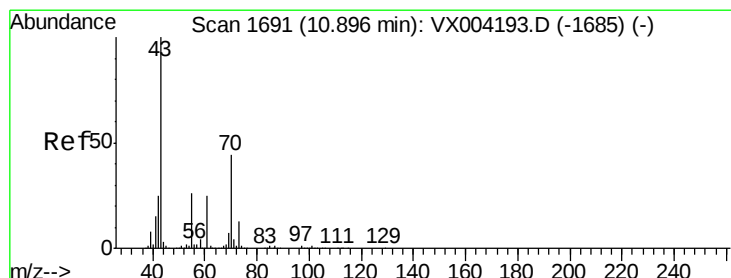
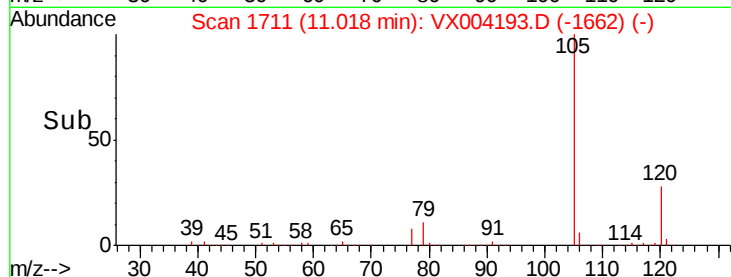
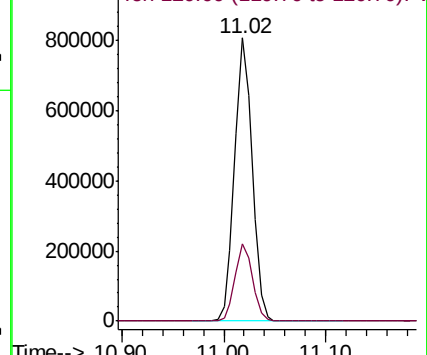
105 100

120 26.9 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: 52.307 ug/l

RT: 10.90 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Tgt Ion: 43 Resp: 366611

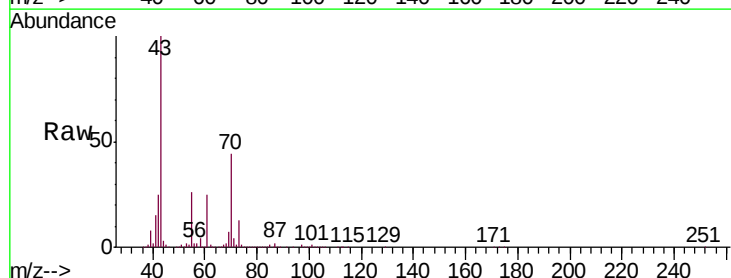
Ion Ratio Lower Upper

43 100

70 46.7 37.4 56.0

55 27.3 21.8 32.8

61 25.7 20.6 30.8

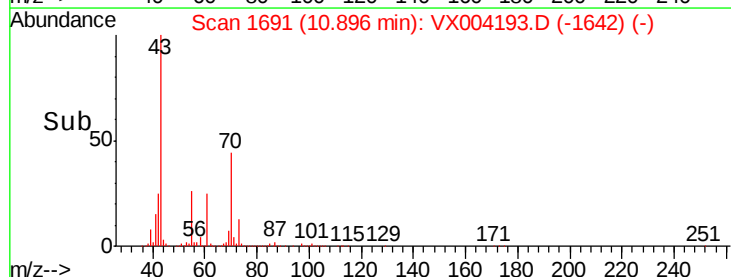
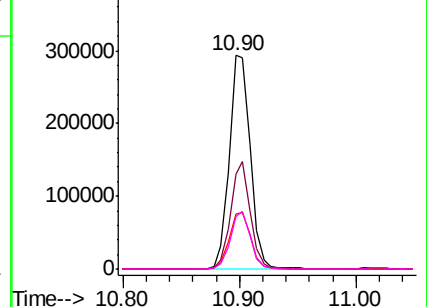


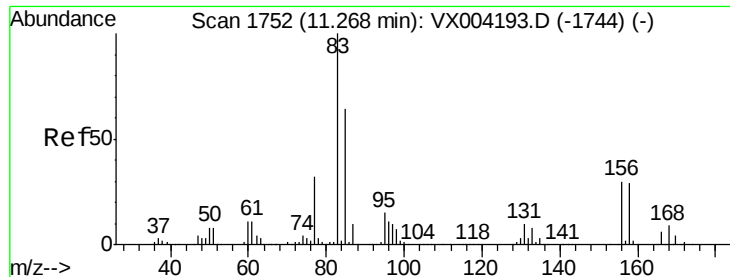
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.058 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

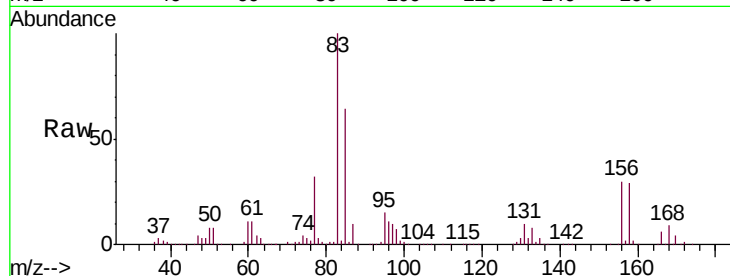
Tgt Ion: 83 Resp: 312515

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

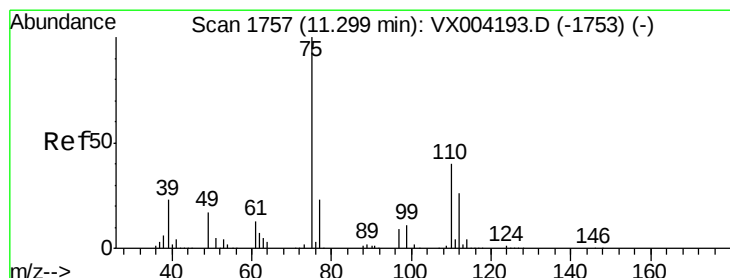
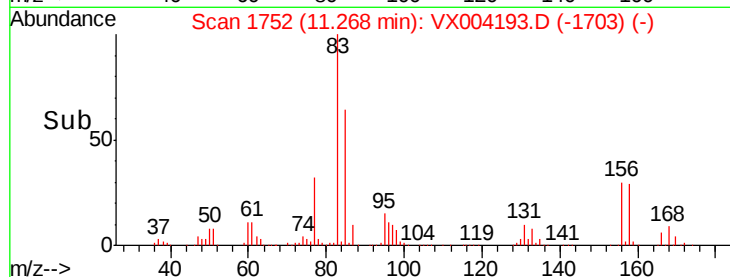
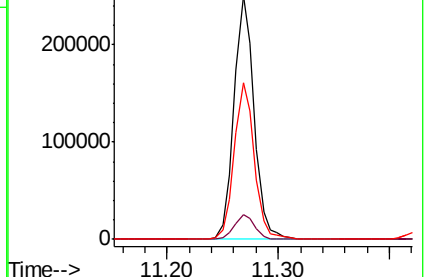
85 64.5 32.3 96.8



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: 65.715 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004193.D

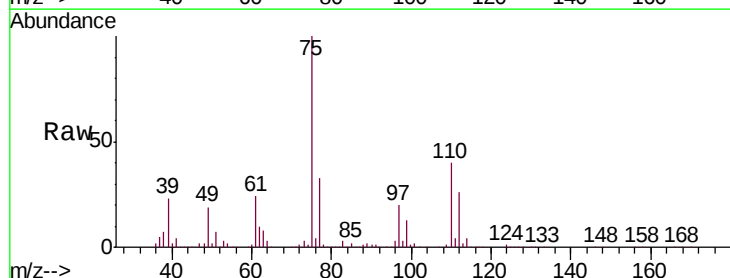
Acq: 22 Aug 2018 11:41

Tgt Ion: 75 Resp: 359598

Ion Ratio Lower Upper

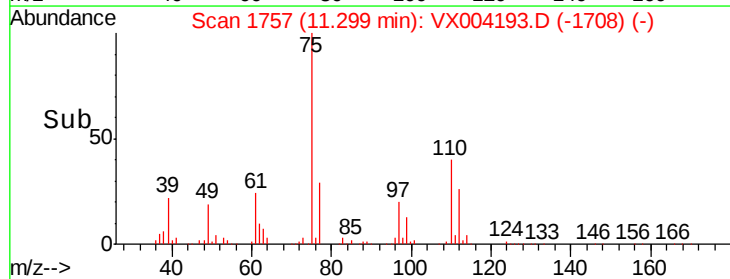
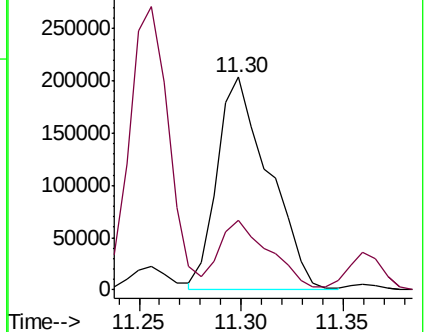
75 100

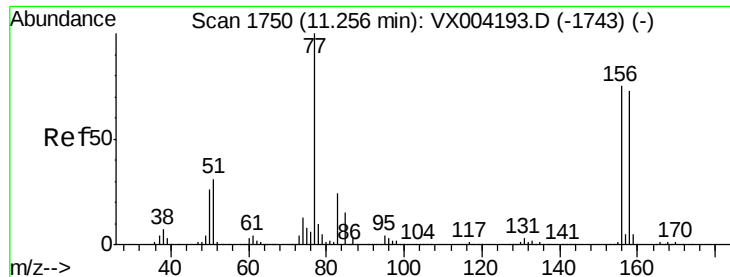
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.704 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

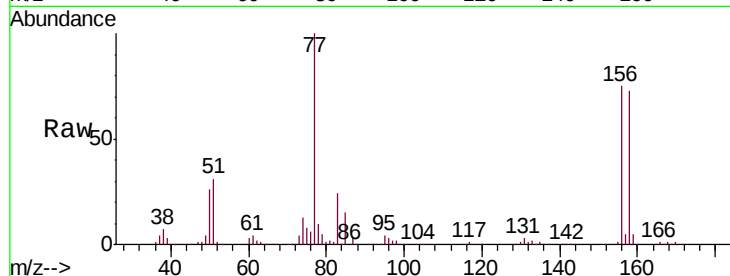
Tgt Ion: 156 Resp: 253805

Ion Ratio Lower Upper

156 100

77 142.9 71.5 214.3

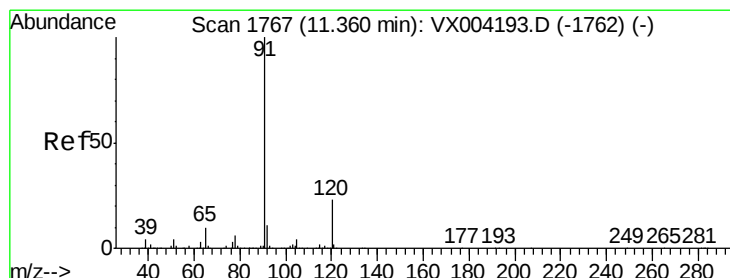
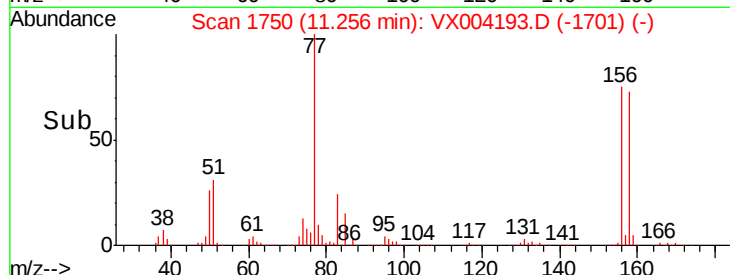
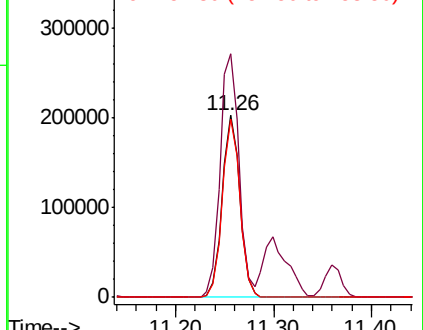
158 97.9 48.9 146.8



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: 53.125 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004193.D

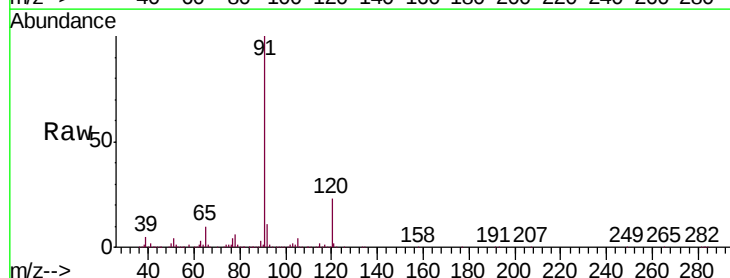
Acq: 22 Aug 2018 11:41

Tgt Ion: 91 Resp: 1112260

Ion Ratio Lower Upper

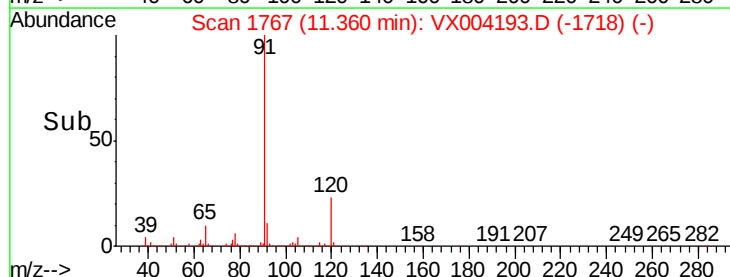
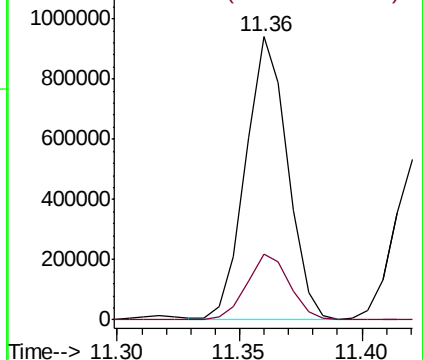
91 100

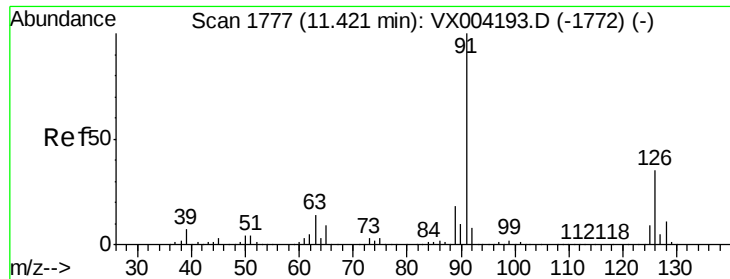
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

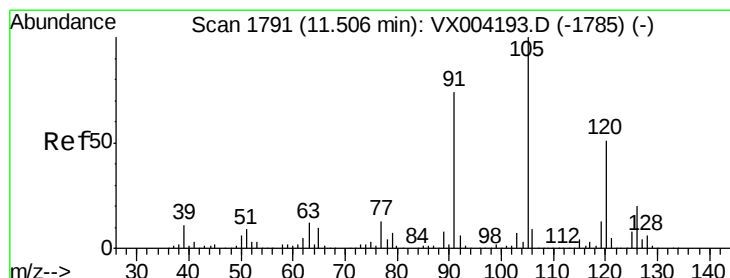
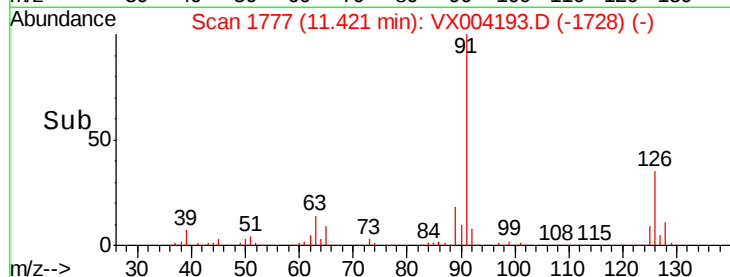
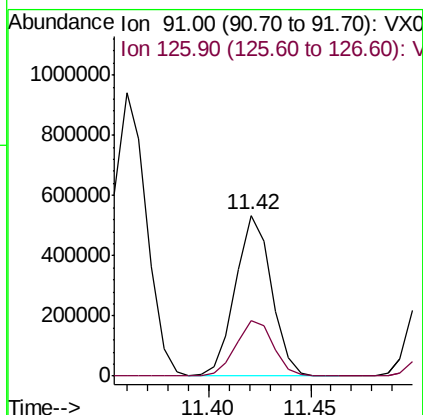
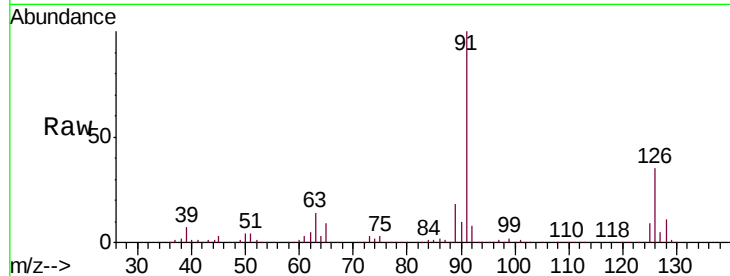




#79
 2-Chlorotoluene
 Concen: 50.573 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

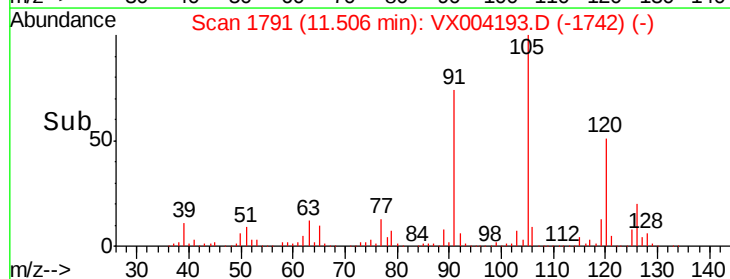
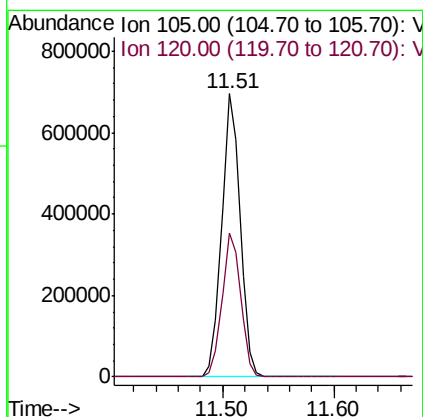
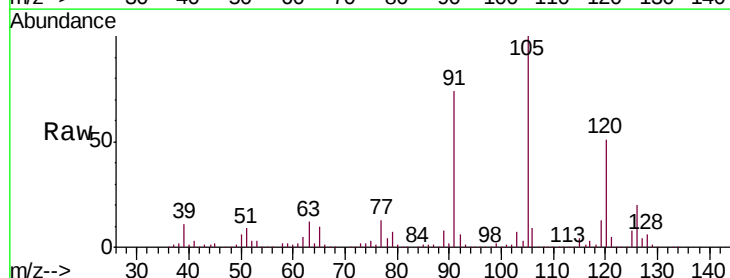
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

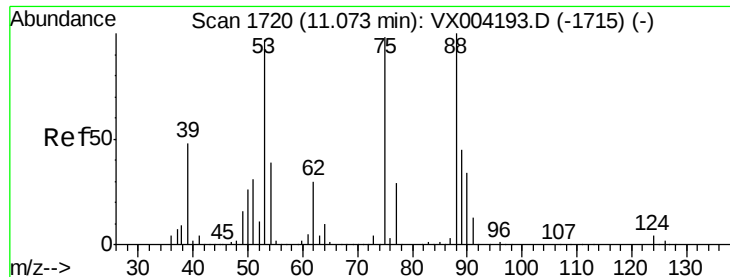
Tgt Ion: 91 Resp: 651716
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.138 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion: 105 Resp: 801046
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.494 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

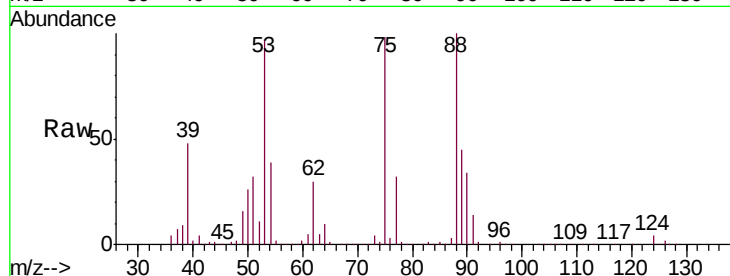
Tgt Ion: 75 Resp: 91199

Ion Ratio Lower Upper

75 100

53 100.1 80.1 120.1

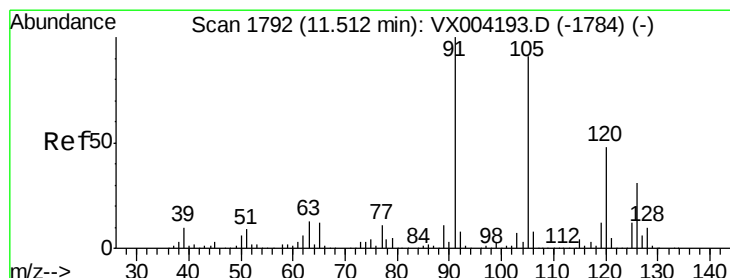
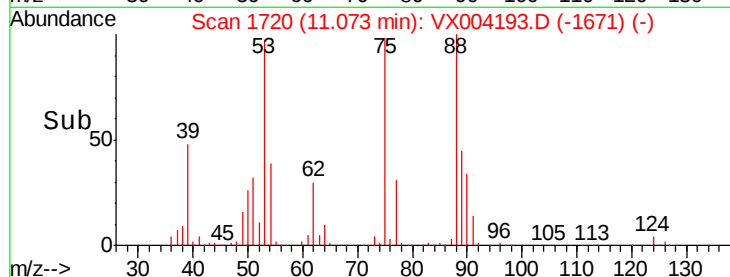
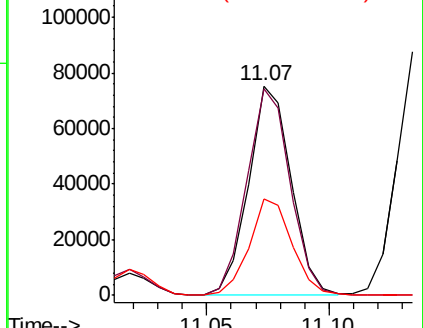
89 46.5 37.2 55.8



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: 50.793 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004193.D

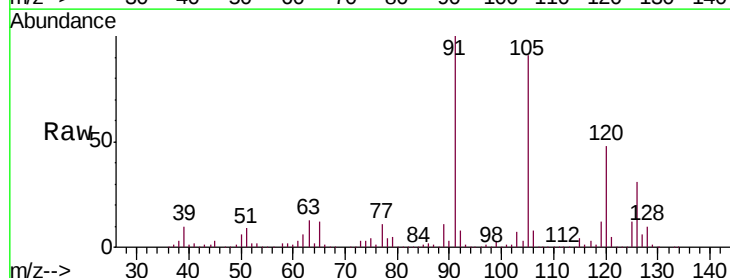
Acq: 22 Aug 2018 11:41

Tgt Ion: 91 Resp: 770214

Ion Ratio Lower Upper

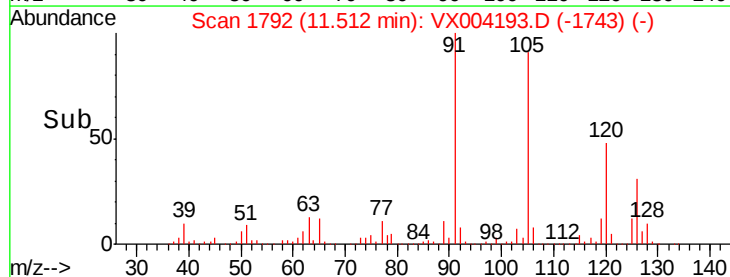
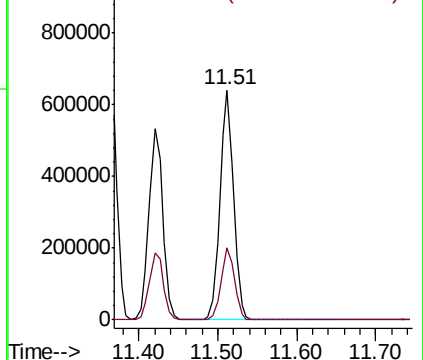
91 100

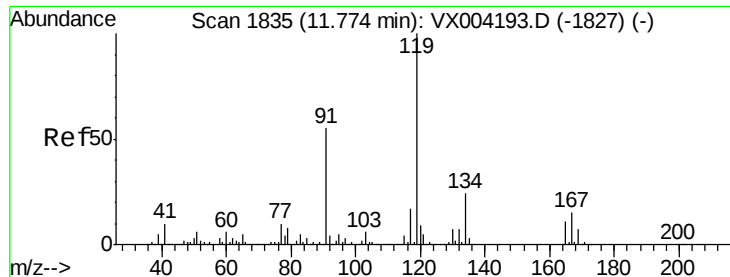
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

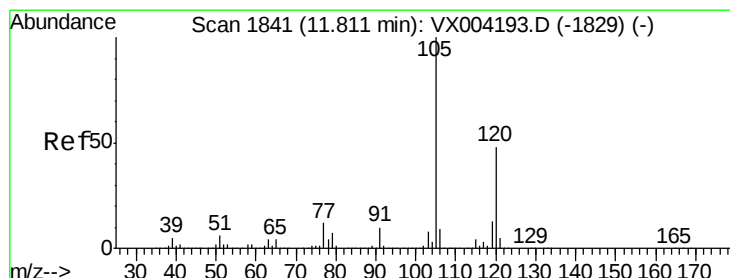
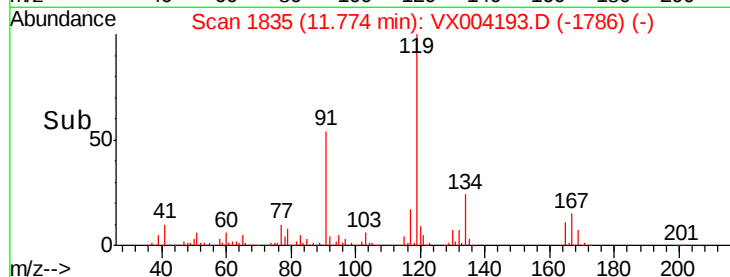
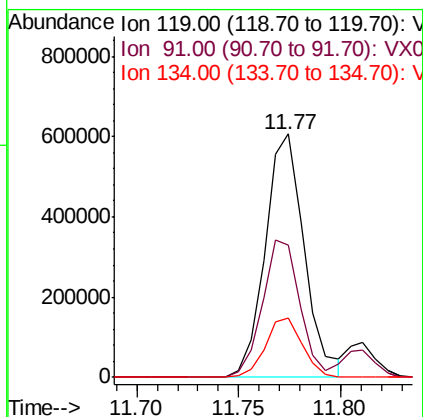
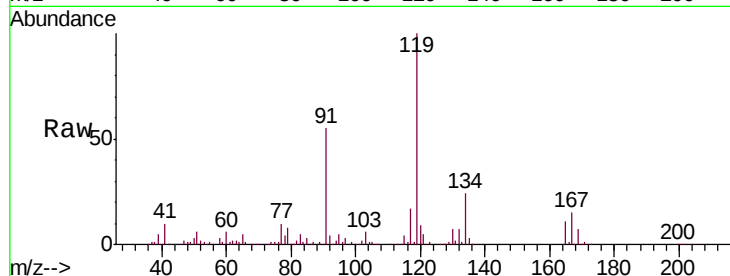




#83
 tert-Butylbenzene
 Concen: 53.388 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

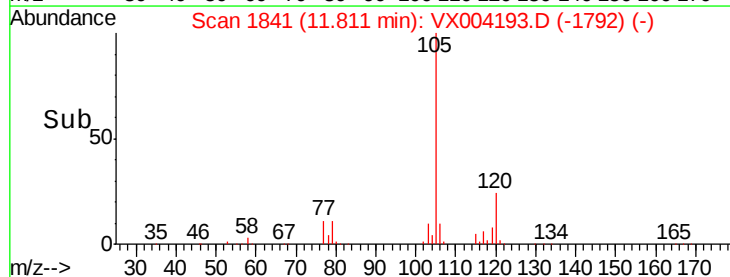
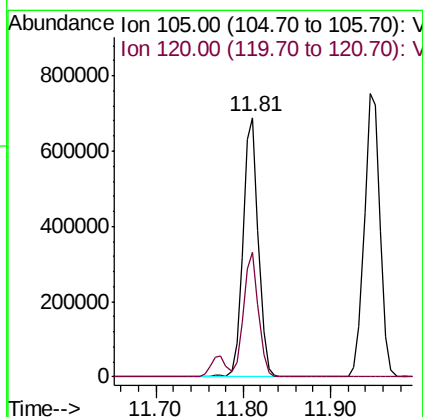
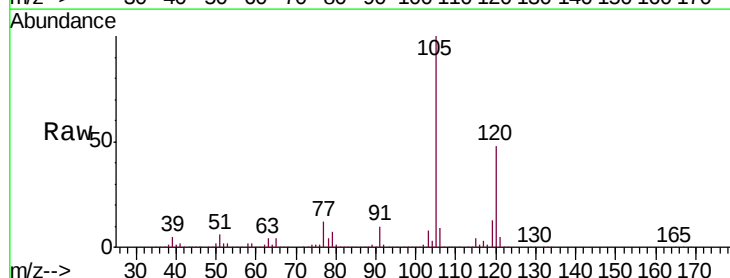
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

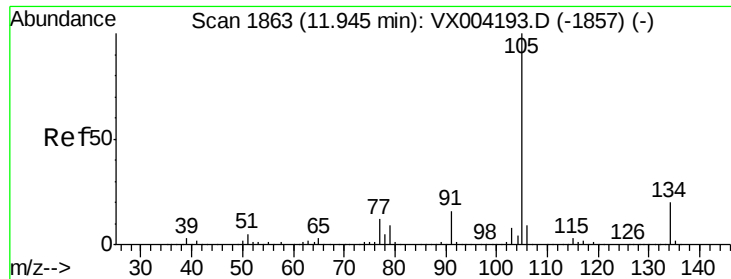
Tgt Ion:119 Resp: 809756
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.0 81.0
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.235 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion:105 Resp: 839254
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6

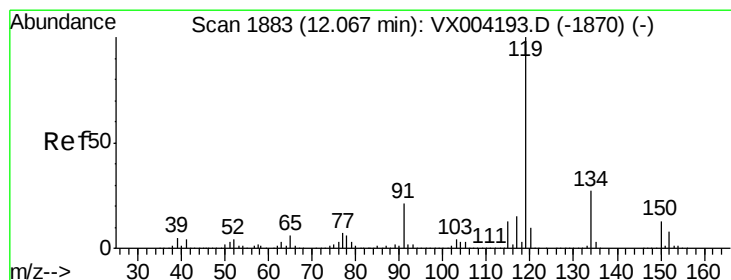
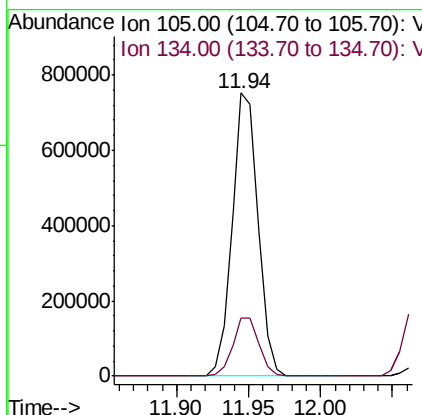
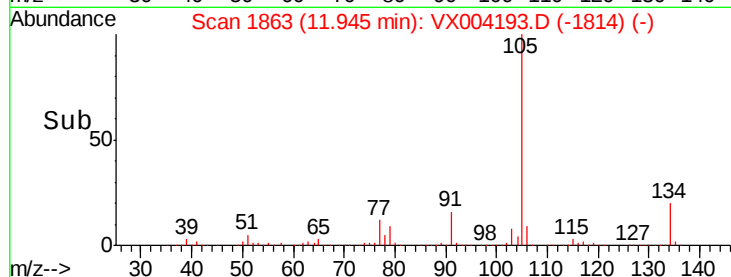
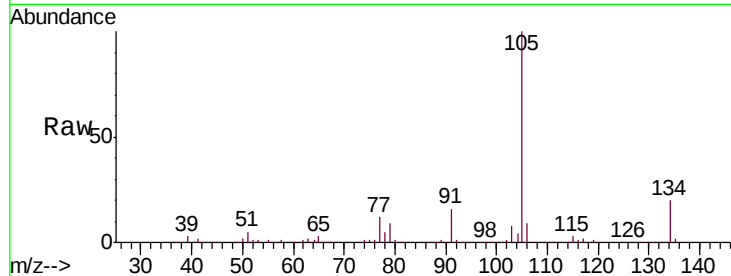




#85
 sec-Butylbenzene
 Concen: 52.549 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

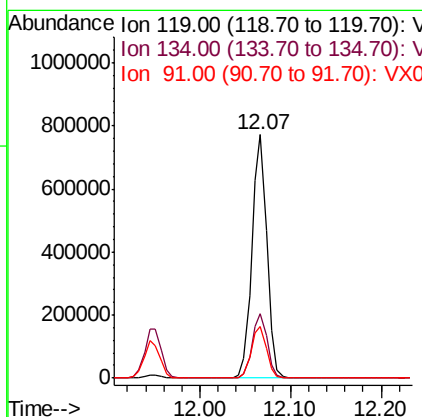
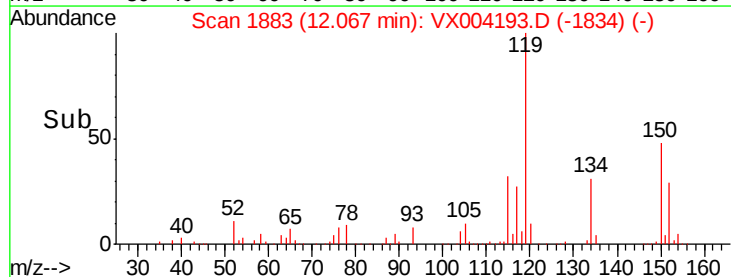
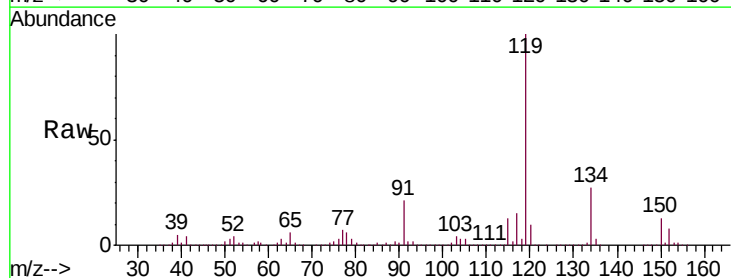
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

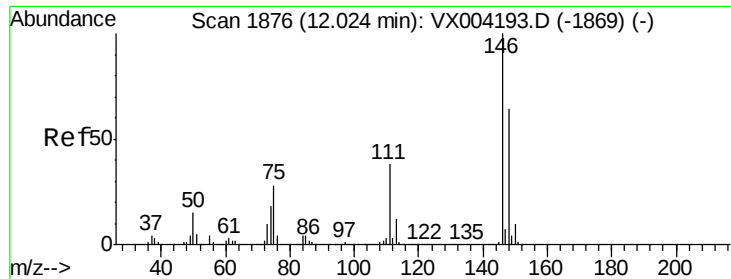
Tgt Ion:105 Resp: 946259
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 54.103 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion:119 Resp: 873102
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 21.8 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 49.133 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

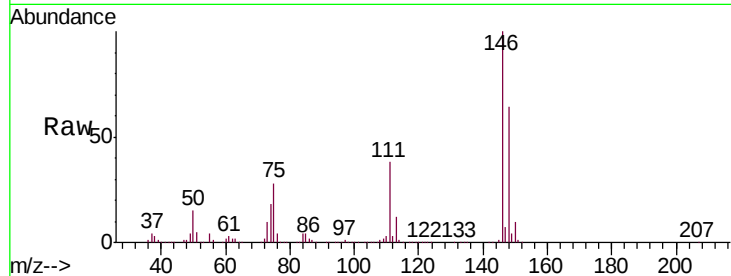
Tgt Ion:146 Resp: 472364

Ion Ratio Lower Upper

146 100

111 37.4 18.7 56.1

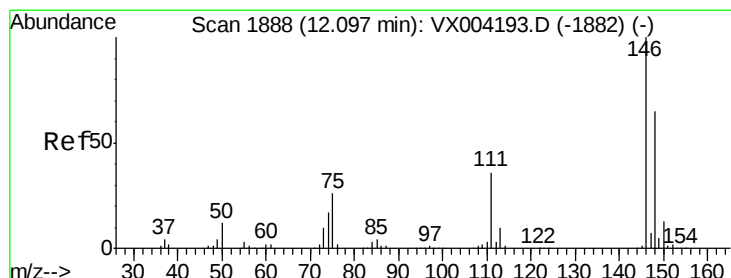
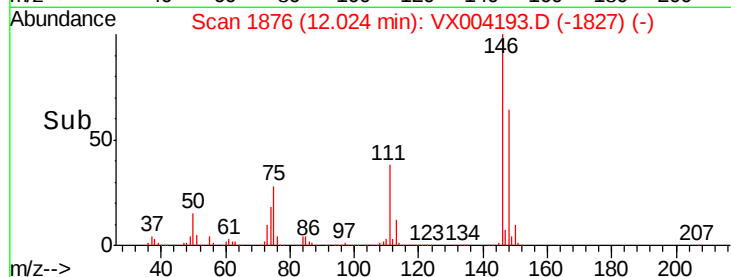
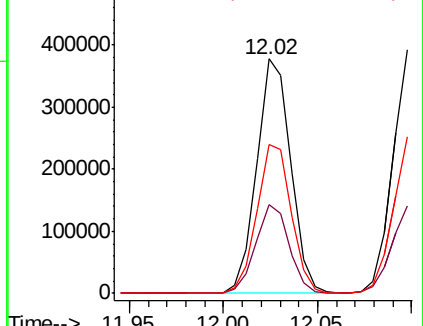
148 64.3 32.1 96.5



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: 47.719 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

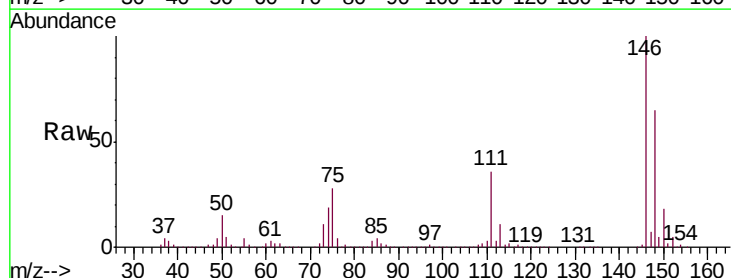
Tgt Ion:146 Resp: 482450

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

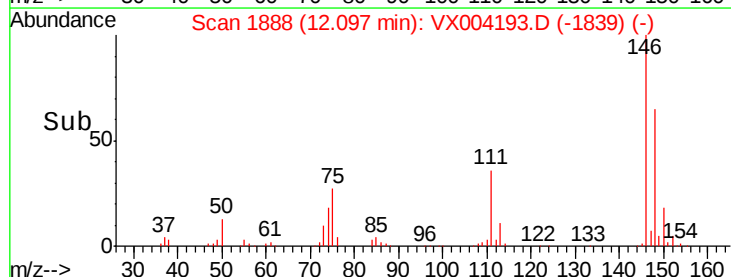
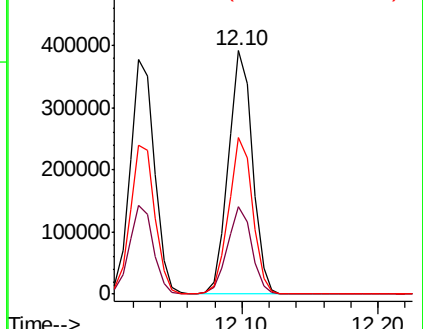
148 64.0 32.0 96.0

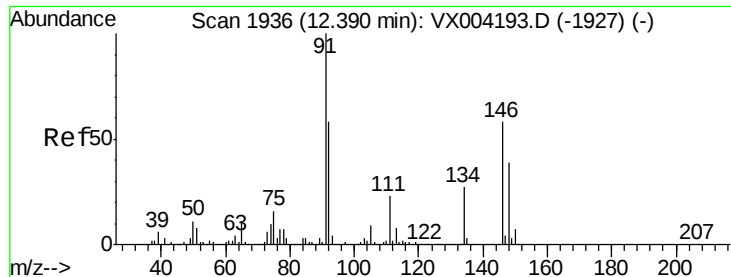


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

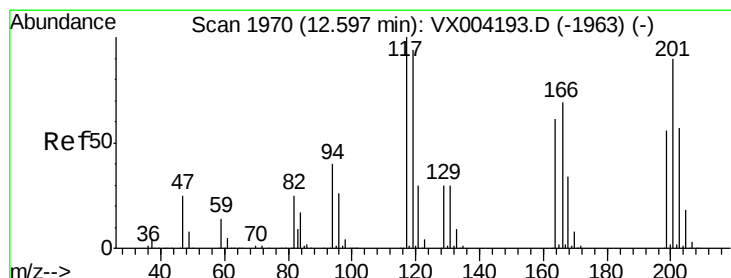
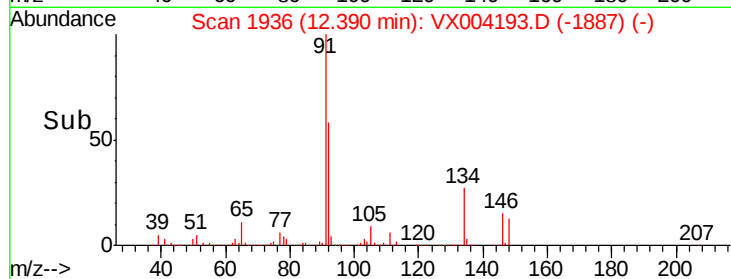
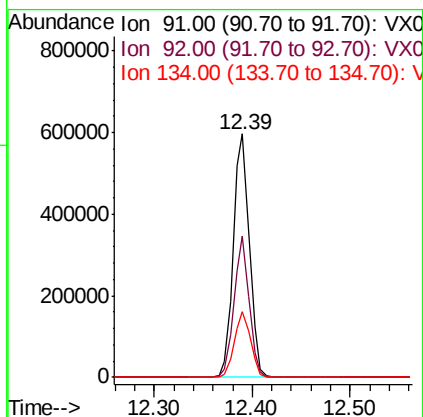
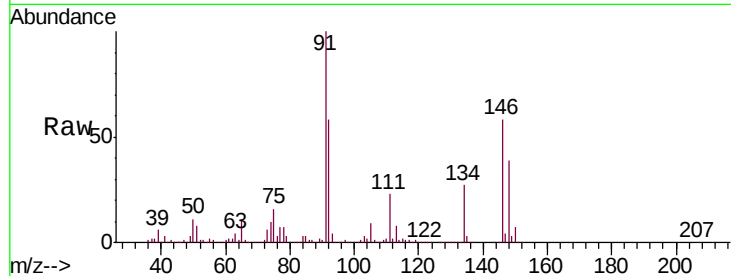




#89
n-Butylbenzene
Concen: 51.664 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

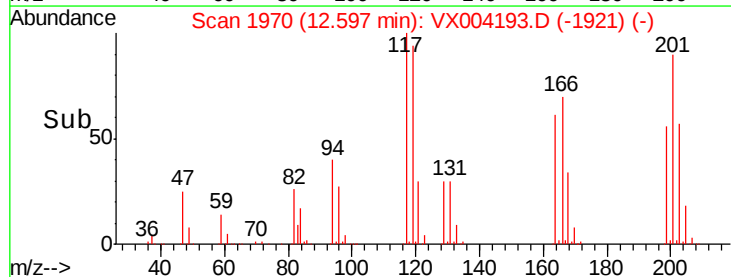
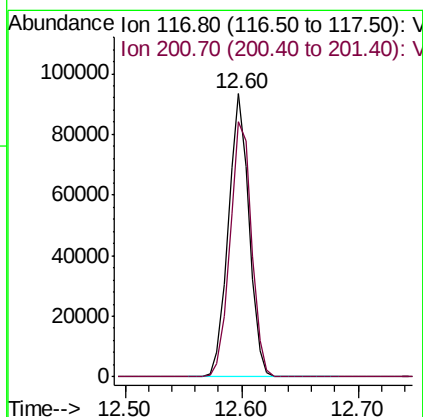
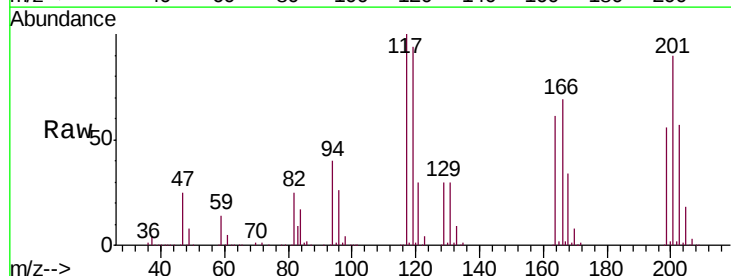
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

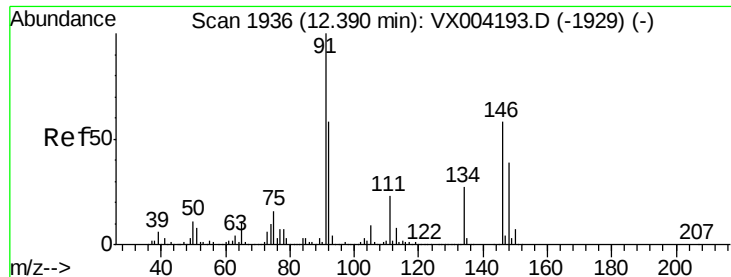
Tgt Ion: 91 Resp: 677958
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 51.062 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion: 117 Resp: 115175
Ion Ratio Lower Upper
117 100
201 93.7 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 49.312 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

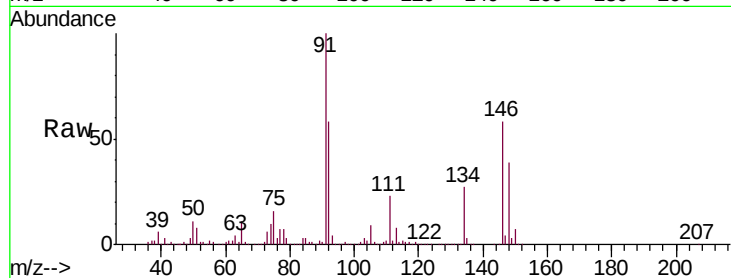
Tgt Ion:146 Resp: 433293

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

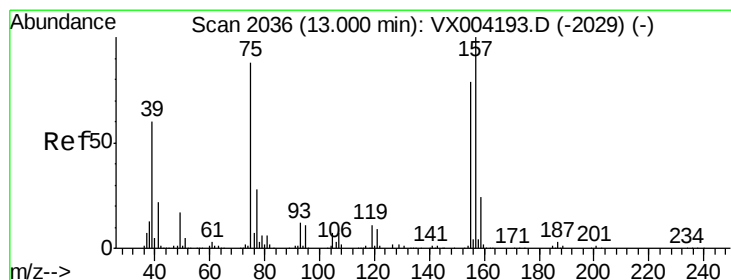
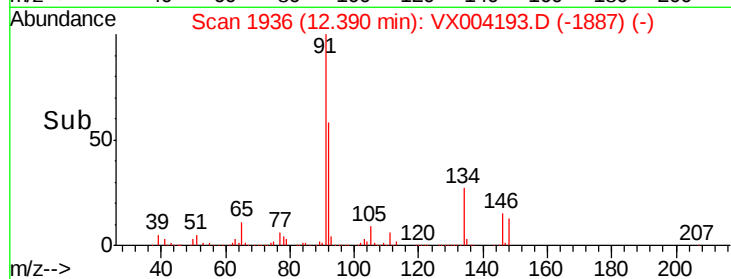
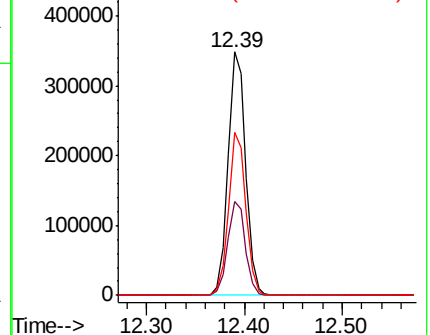
148 65.5 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.209 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004193.D

Acq: 22 Aug 2018 11:41

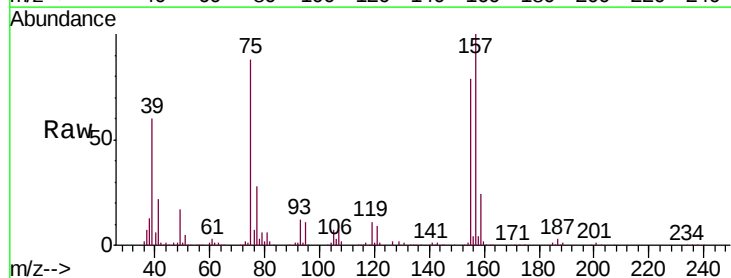
Tgt Ion: 75 Resp: 57457

Ion Ratio Lower Upper

75 100

155 96.1 48.0 144.2

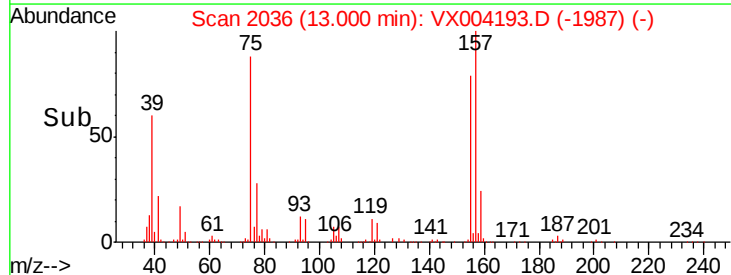
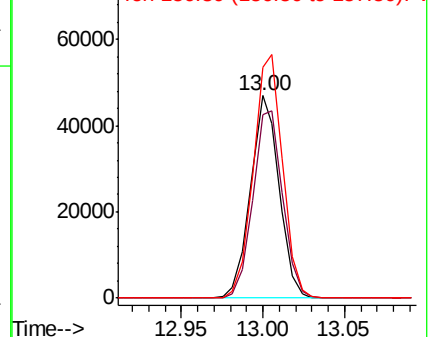
157 122.7 61.4 184.1

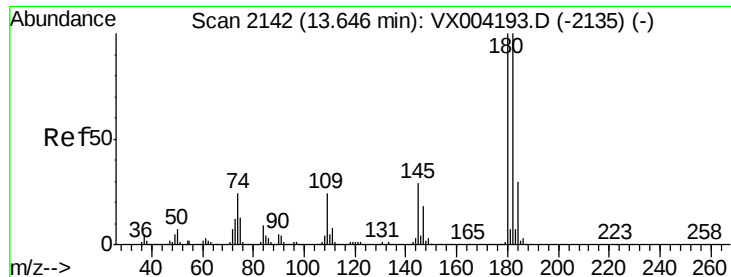


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

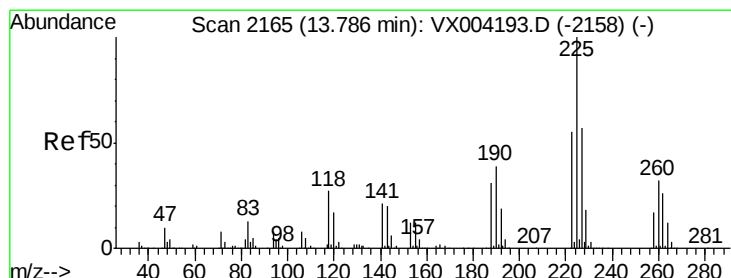
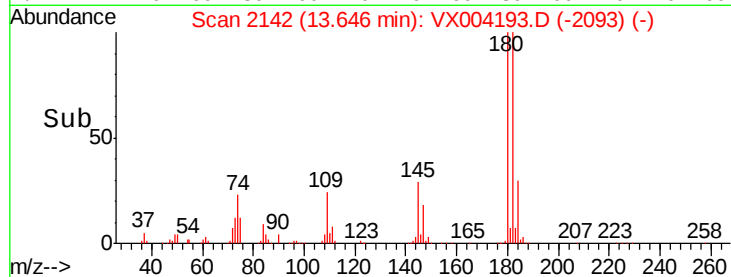
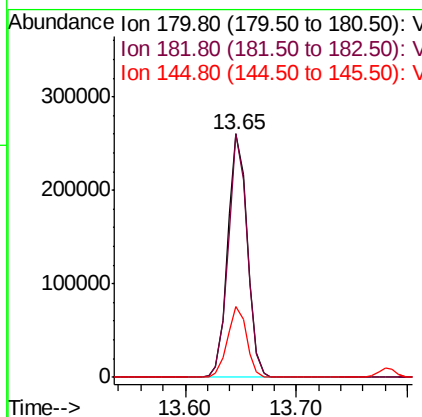
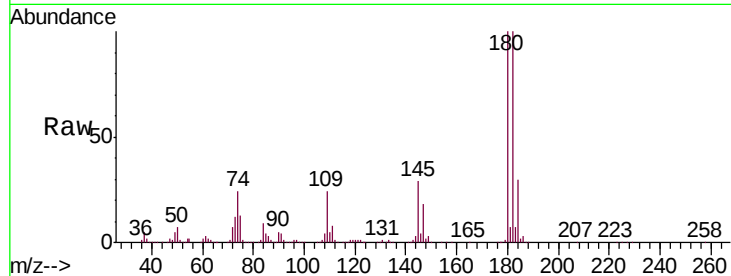




#93
 1,2,4-Trichlorobenzene
 Concen: 49.220 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

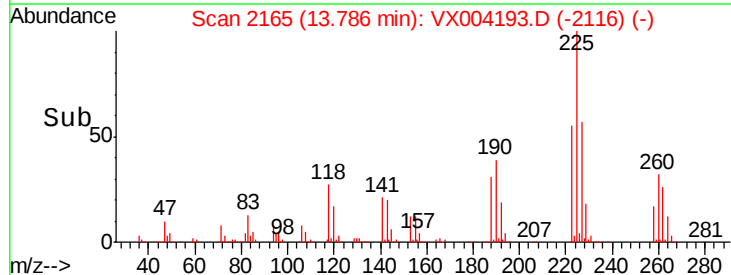
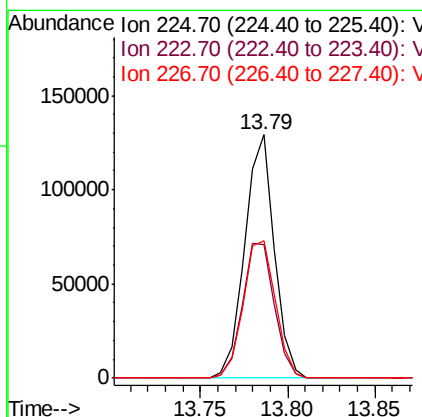
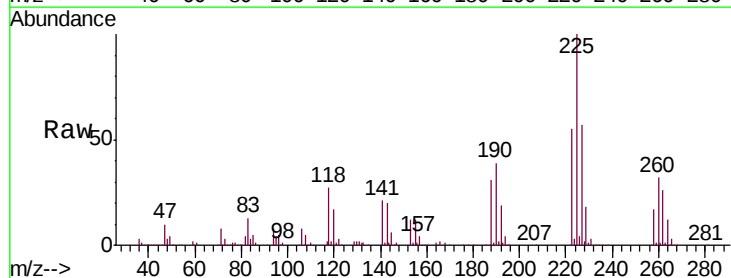
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

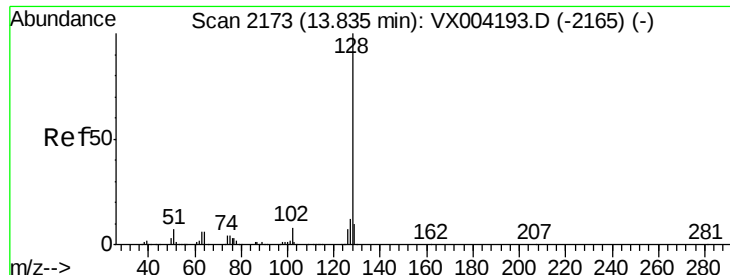
Tgt Ion:180 Resp: 314673
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.4 145.0
 145 28.6 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 48.213 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004193.D
 Acq: 22 Aug 2018 11:41

Tgt Ion:225 Resp: 151323
 Ion Ratio Lower Upper
 225 100
 223 60.3 30.1 90.5
 227 61.6 30.8 92.4

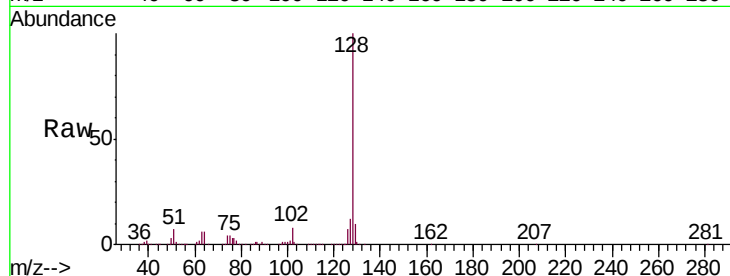




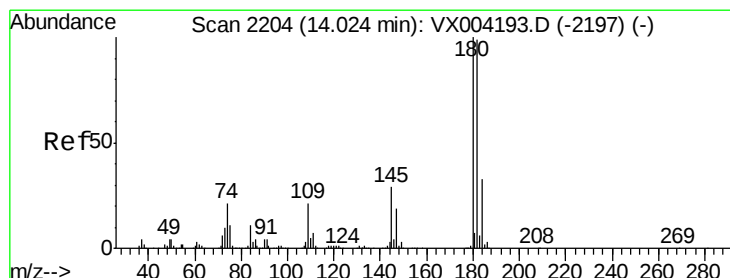
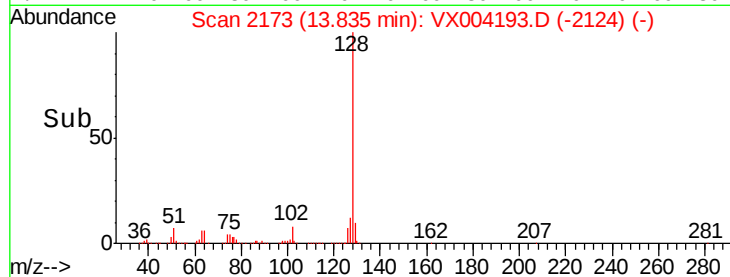
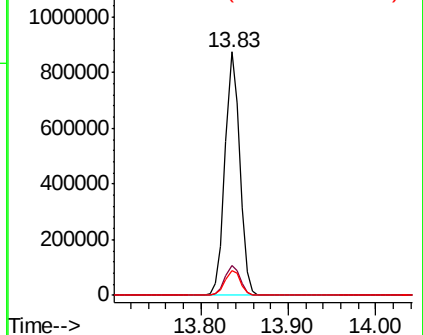
#95
Naphthalene
Concen: 55.980 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1012261
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8

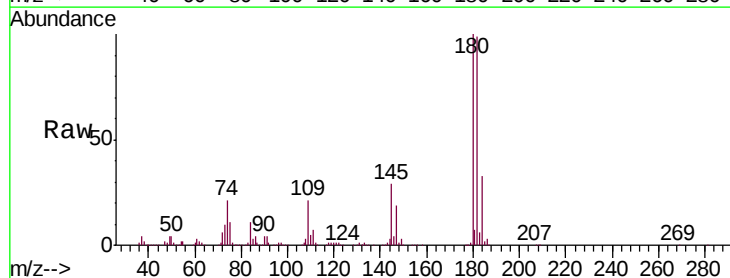


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.561 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004193.D
Acq: 22 Aug 2018 11:41

Tgt Ion:180 Resp: 342195
Ion Ratio Lower Upper
180 100
182 97.1 48.5 145.6
145 29.9 14.9 44.9



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

