

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003475.D
 Acq On : 19 Jul 2018 21:01
 Operator : JC/SP
 Sample : VX0719WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Quant Time: Jul 20 04:01:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199649	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	5.51	113	179682	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.72	98	685477	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	11.14	95	246834	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53288	21.13	ug/l	99
3) Chloromethane	1.32	50	68465	21.67	ug/l	99
4) Vinyl Chloride	1.40	62	77790	19.66	ug/l	98
5) Bromomethane	1.64	94	40511	24.46	ug/l	98
6) Chloroethane	1.72	64	50696	21.65	ug/l	100
7) Trichlorofluoromethane	1.93	101	107631	20.38	ug/l	98
8) Diethyl Ether	2.19	74	46849	20.66	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68235	19.74	ug/l	97
10) Methyl Iodide	2.51	142	79830	19.23	ug/l	93
11) Tert butyl alcohol	3.07	59	85130	116.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65323	20.53	ug/l	88
13) Acrolein	2.29	56	35382	107.31	ug/l	99
14) Allyl chloride	2.73	41	120743	21.44	ug/l	87
15) Acrylonitrile	3.15	53	200858	108.11	ug/l	97
16) Acetone	2.45	43	157647	113.17	ug/l	91
17) Carbon Disulfide	2.57	76	177744	20.65	ug/l	100
18) Methyl Acetate	2.78	43	97503	22.20	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	222280	21.39	ug/l	100
20) Methylene Chloride	2.85	84	75646	21.72	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	70736	19.98	ug/l	95
22) Diisopropyl ether	3.87	45	224993	21.23	ug/l	98
23) Vinyl Acetate	3.82	43	907443	103.94	ug/l	96
24) 1,1-Dichloroethane	3.70	63	131892	21.21	ug/l	99
25) 2-Butanone	4.71	43	250965	107.38	ug/l	93
26) 2,2-Dichloropropane	4.59	77	87353	18.49	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	79088	20.06	ug/l	90
28) Bromochloromethane	5.03	49	59097	21.74	ug/l	88
29) Tetrahydrofuran	5.17	42	164860	106.78	ug/l	92
30) Chloroform	5.21	83	127718	21.03	ug/l	98
31) Cyclohexane	5.57	56	112049	20.17	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	107909	20.75	ug/l	97
36) 1,1-Dichloropropene	5.80	75	94860	19.61	ug/l	97
37) Ethyl Acetate	4.87	43	96510	21.08	ug/l	95
38) Carbon Tetrachloride	5.78	117	94969	20.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112822	19.69	ug/l	94
40) Benzene	6.15	78	294713	20.17	ug/l	99
41) Methacrylonitrile	5.07	41	55363	20.57	ug/l	92
42) 1,2-Dichloroethane	6.21	62	97711	21.23	ug/l	96
43) Isopropyl Acetate	6.47	43	152721	20.97	ug/l	94
44) Trichloroethene	7.21	130	85247	19.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	76998	20.76	ug/l	100
46) Dibromomethane	7.67	93	49462	20.71	ug/l	96
47) Bromodichloromethane	7.90	83	89914	20.57	ug/l	94
48) Methyl methacrylate	7.78	41	75790	20.64	ug/l #	84
49) 1,4-Dioxane	7.76	88	35725	429.28	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	500216	108.71	ug/l	92
52) Toluene	8.79	92	187152	20.35	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	110181	20.48	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	97527	20.15	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	75743	20.70	ug/l	97
56) Ethyl methacrylate	9.18	69	107989	20.95	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	124209	21.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	266505	106.35	ug/l	98
59) 2-Hexanone	9.50	43	376140	110.33	ug/l	90
60) Dibromochloromethane	9.59	129	74277	20.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	78622	20.73	ug/l	99
64) Tetrachloroethene	9.34	164	99175	19.32	ug/l	99
65) Chlorobenzene	10.14	112	213889	19.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	74115	19.84	ug/l	98
67) Ethyl Benzene	10.26	91	349753	20.04	ug/l	98
68) m/p-Xylenes	10.36	106	274243	40.07	ug/l	97
69) o-Xylene	10.70	106	131387	19.85	ug/l	97
70) Styrene	10.71	104	221433	20.34	ug/l	97
71) Bromoform	10.86	173	56095	19.33	ug/l #	99
73) Isopropylbenzene	11.02	105	353161	20.47	ug/l	100
74) N-amyl acetate	6.47	43	152721	20.85	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	105977	20.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	118955	26.54	ug/l	81
77) Bromobenzene	11.26	156	98026	19.75	ug/l	97
78) n-propylbenzene	11.36	91	396533	20.68	ug/l	99
79) 2-Chlorotoluene	11.42	91	238317	20.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291218	20.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27244	18.82	ug/l	93
82) 4-Chlorotoluene	11.51	91	276986	20.30	ug/l	98
83) tert-Butylbenzene	11.77	119	280358	20.19	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	298684	20.70	ug/l	98
85) sec-Butylbenzene	11.95	105	340435	20.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	305718	20.20	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	175986	19.29	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178218	18.97	ug/l	99
89) n-Butylbenzene	12.39	91	250284	19.47	ug/l	99
90) Hexachloroethane	12.60	117	41393	19.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	177334	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20292	20.62	ug/l	92

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
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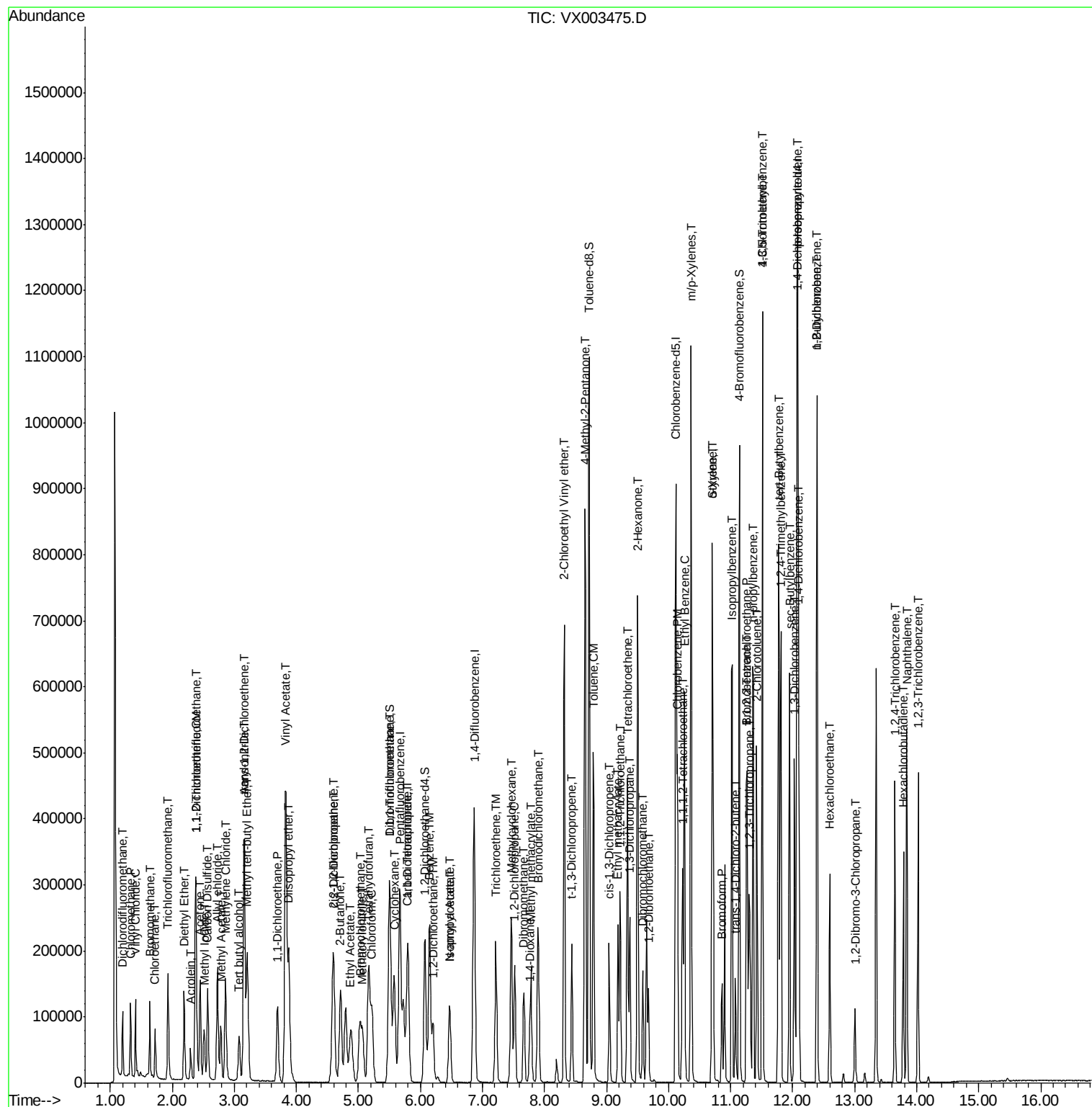
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121950	18.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	59025	18.63	ug/l	98
95) Naphthalene	13.84	128	352400	20.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124405	19.07	ug/l	99

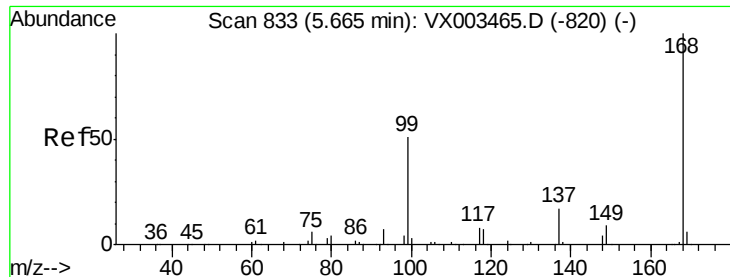
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

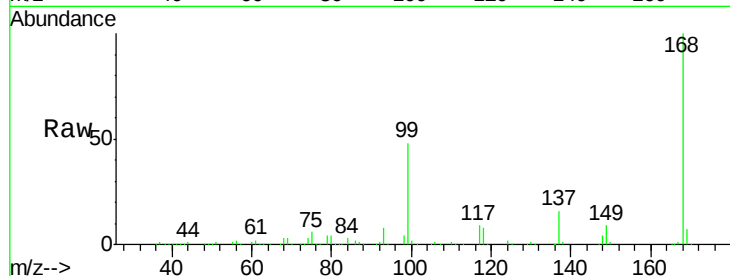
VX0719WBSD01

Tot Ion:168 Resp: 311542

Ion Ratio Lower Upper

168 100

99 48.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

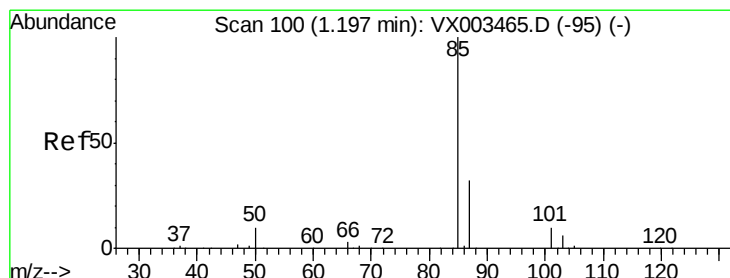
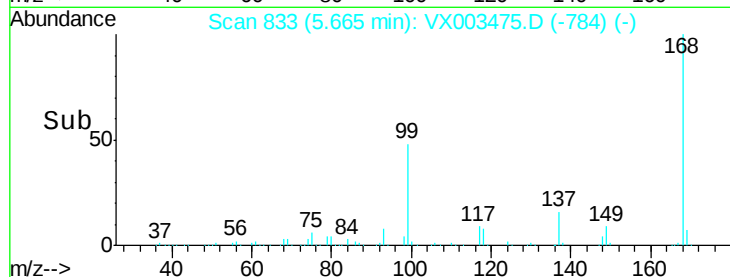
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.13 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003475.D

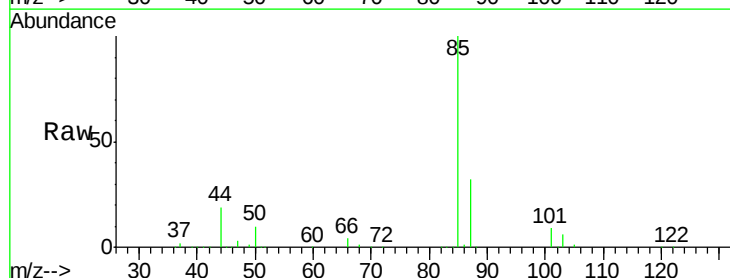
Acq: 19 Jul 2018 21:01

Tgt Ion: 85 Resp: 53288

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

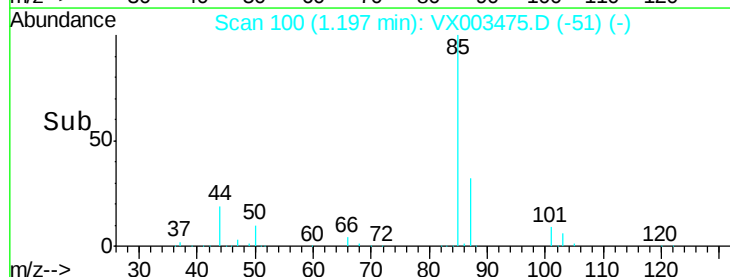
30000

20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

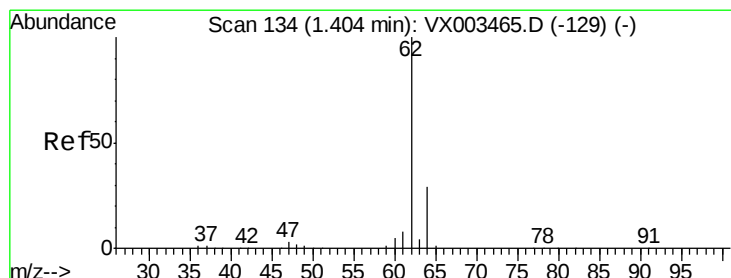
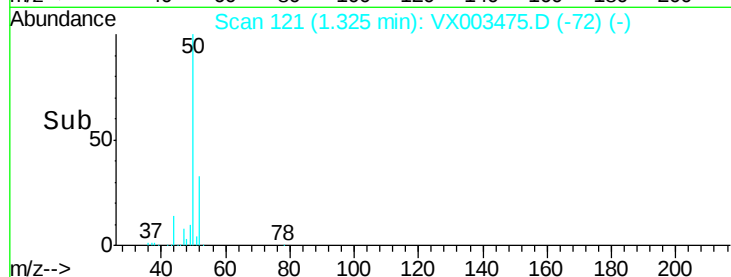
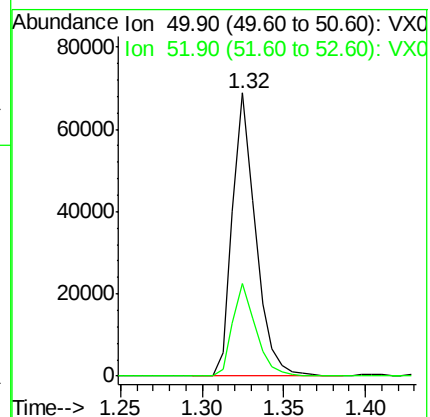
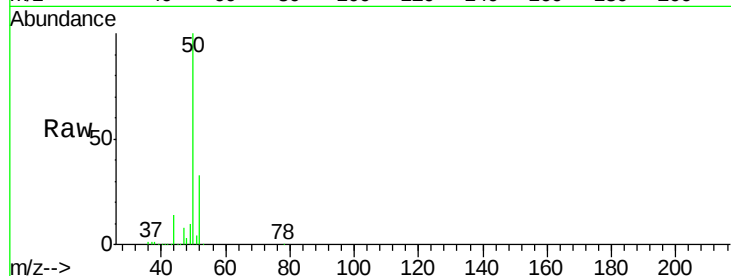
VX0719WBSD01

Tot Ion: 50 Resp: 68465

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 19.66 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003475.D

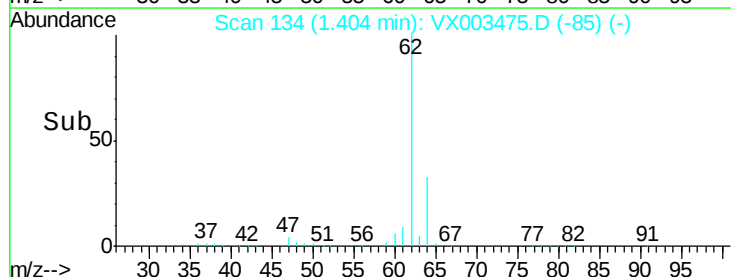
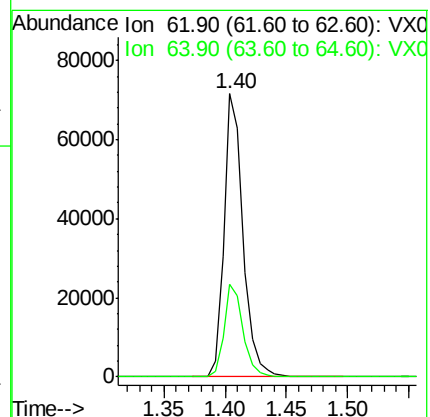
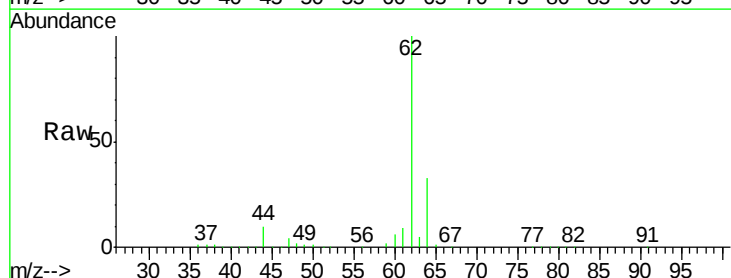
Acq: 19 Jul 2018 21:01

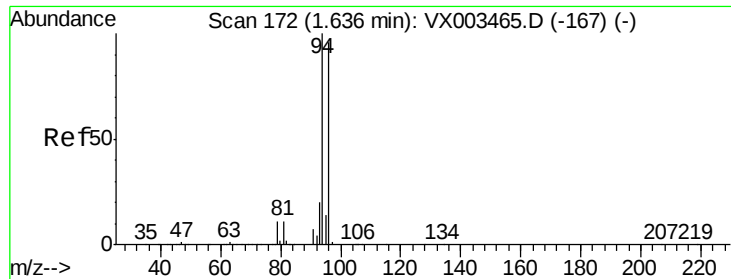
Tgt Ion: 62 Resp: 77790

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 24.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

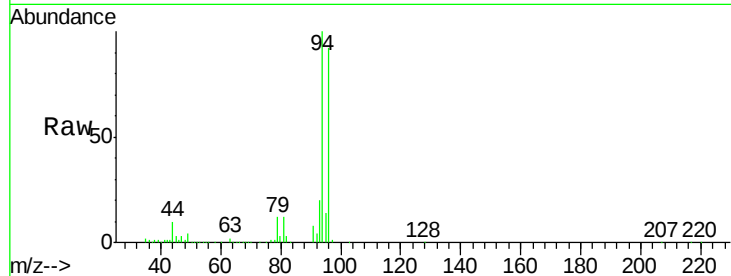
VX0719WBSD01

Tot Ion: 94 Resp: 40511

Ion Ratio Lower Upper

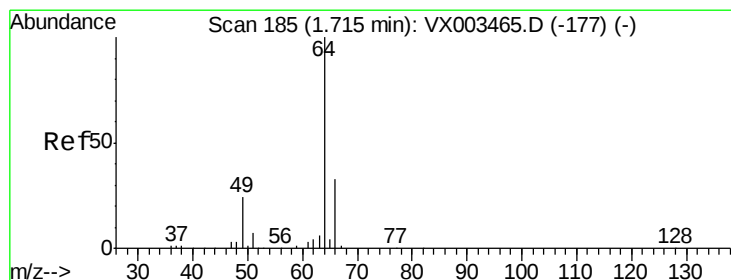
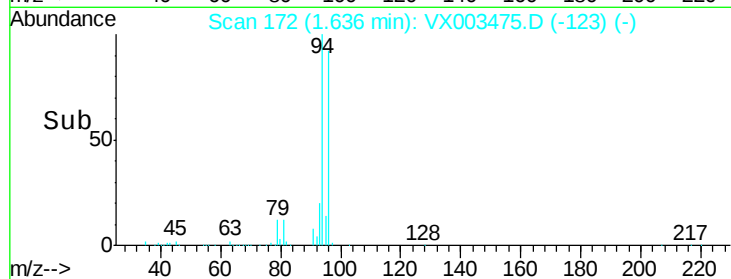
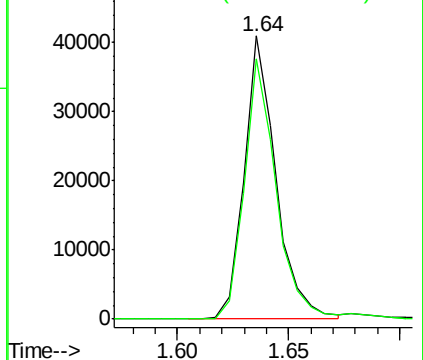
94 100

96 92.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.65 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003475.D

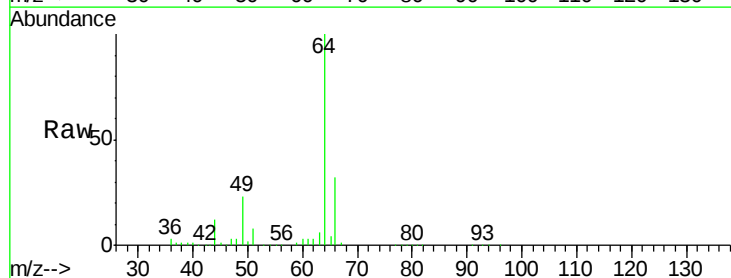
Acq: 19 Jul 2018 21:01

Tgt Ion: 64 Resp: 50696

Ion Ratio Lower Upper

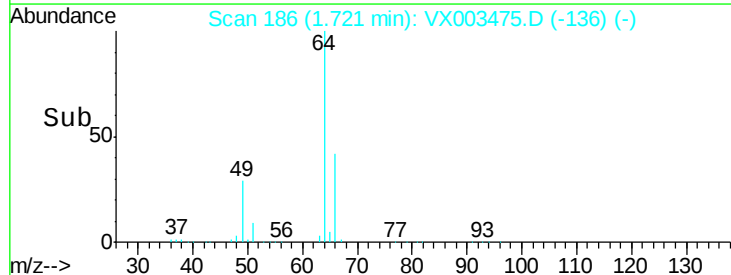
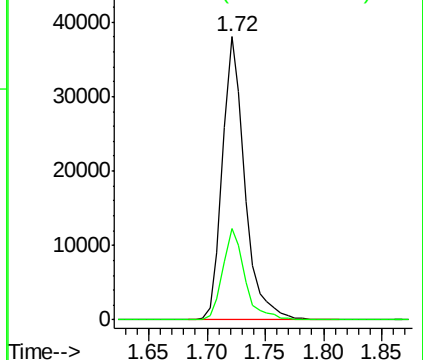
64 100

66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.38 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

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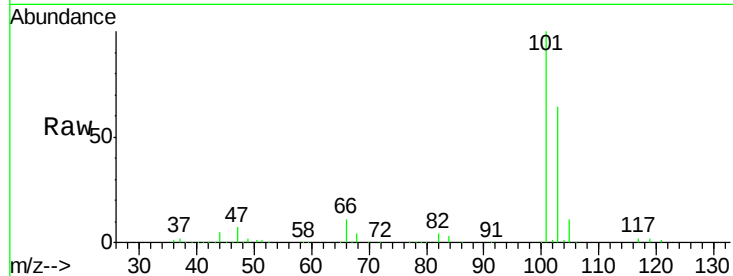
VX0719WBSD01

Tot Ion:101 Resp: 107631

Ion Ratio Lower Upper

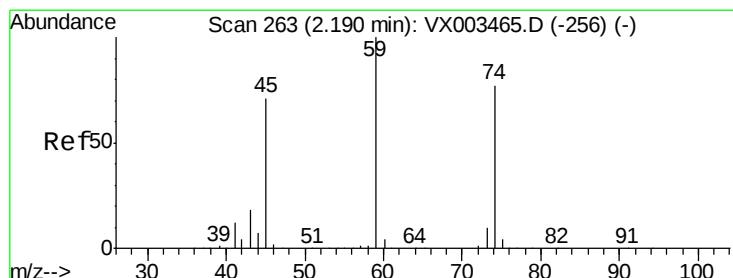
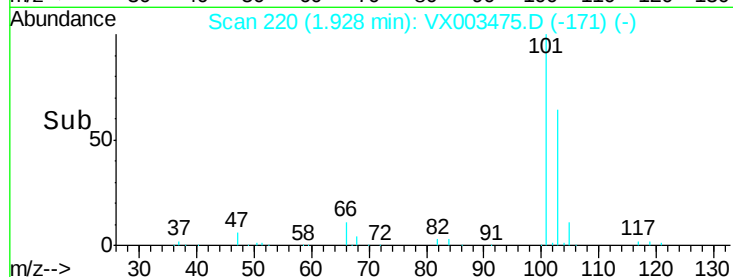
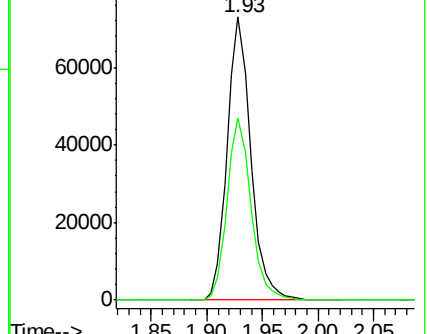
101 100

103 64.2 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.66 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003475.D

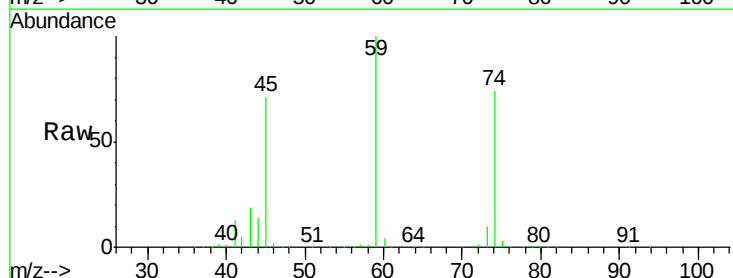
Acq: 19 Jul 2018 21:01

Tgt Ion: 74 Resp: 46849

Ion Ratio Lower Upper

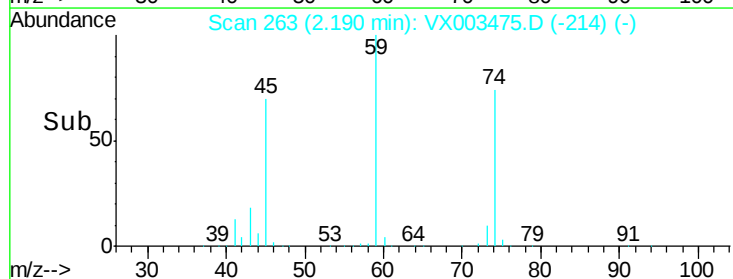
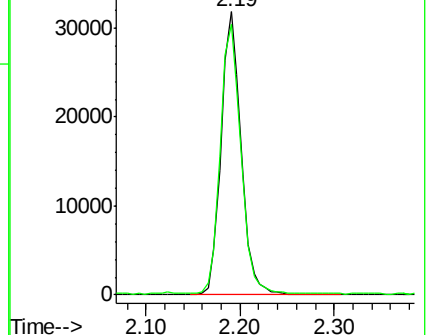
74 100

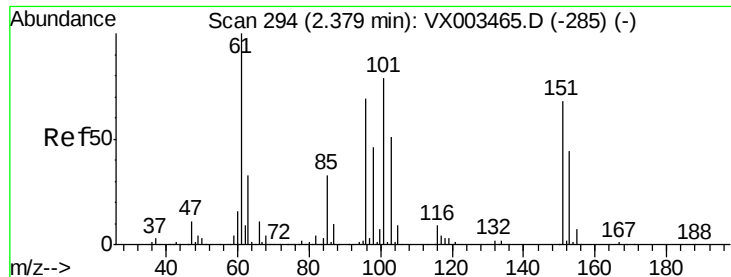
45 97.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

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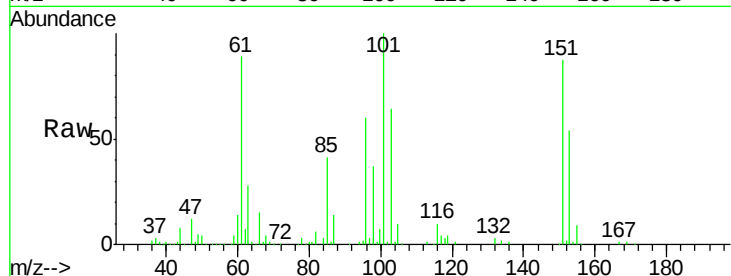
Tot Ion:101 Resp: 68235

Ion Ratio Lower Upper

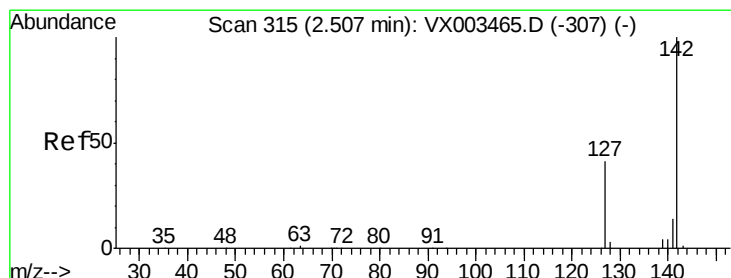
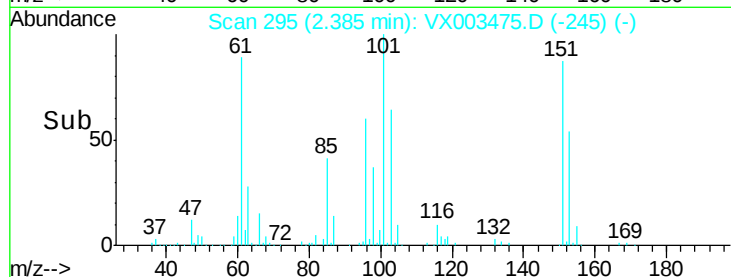
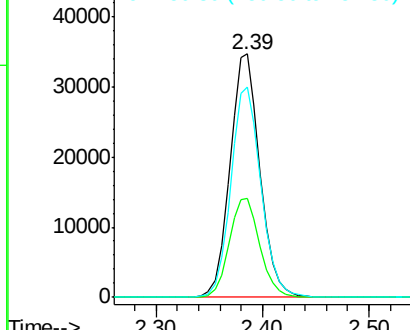
101 100

85 41.6 36.0 54.0

151 87.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.23 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

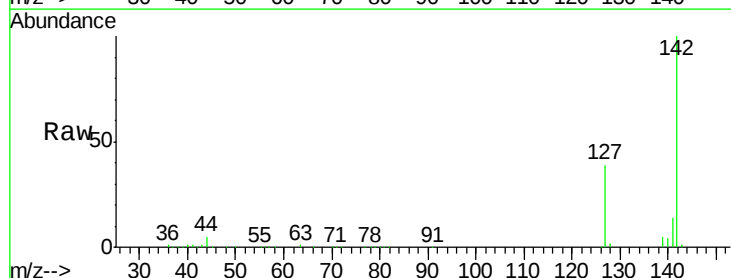
Tgt Ion:142 Resp: 79830

Ion Ratio Lower Upper

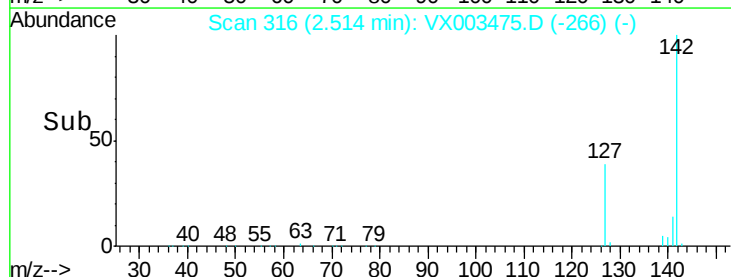
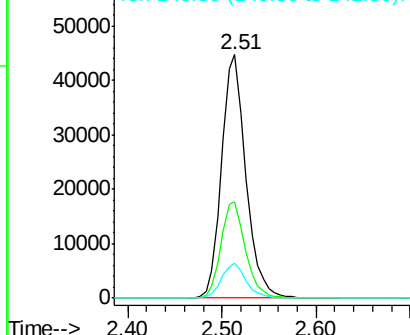
142 100

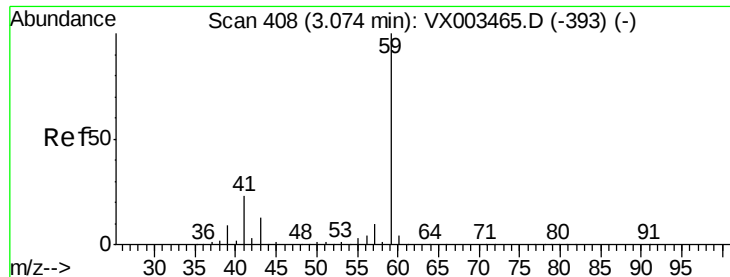
127 40.0 36.6 55.0

141 14.3 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



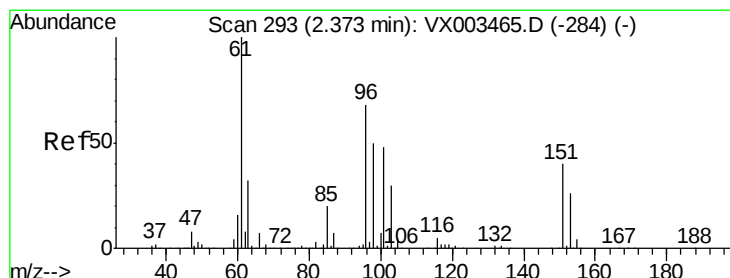
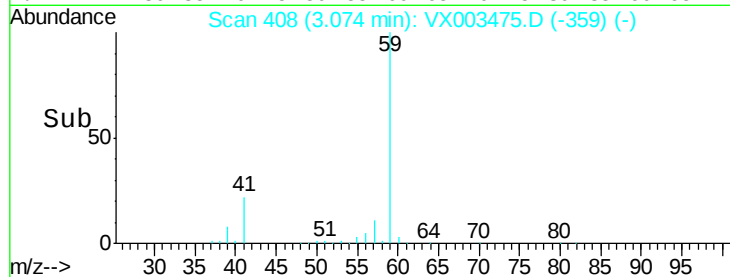
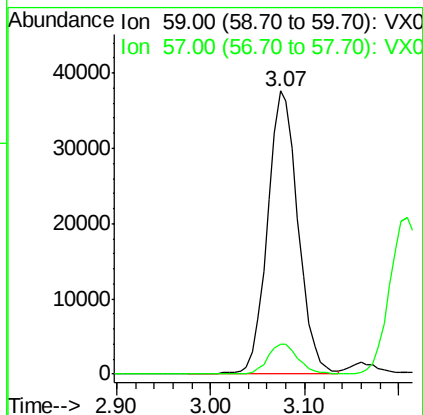
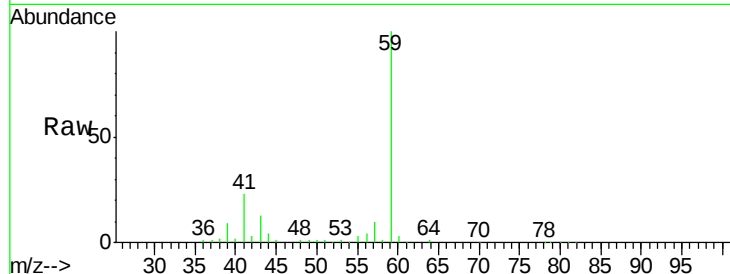


#11

Tert butyl alcohol
 Concen: 116.66 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

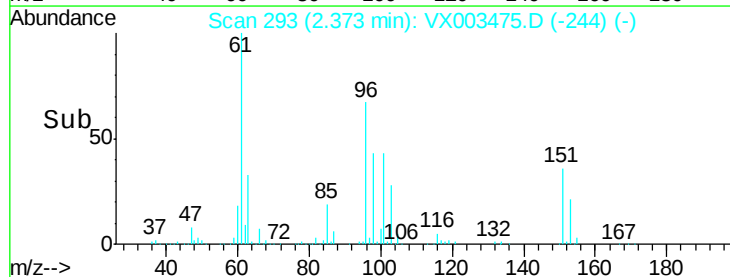
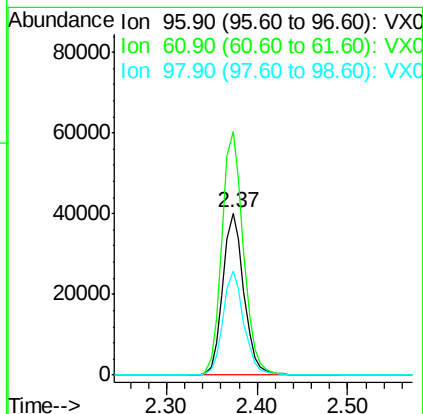
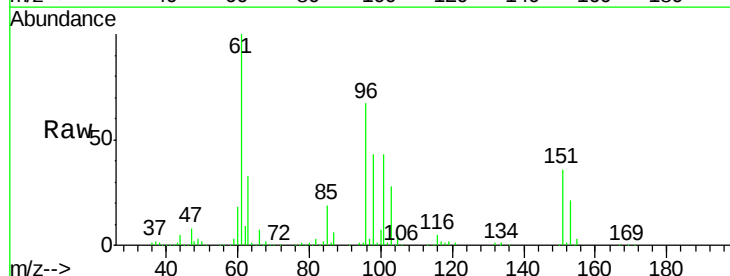
Tot Ion: 59 Resp: 85130
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

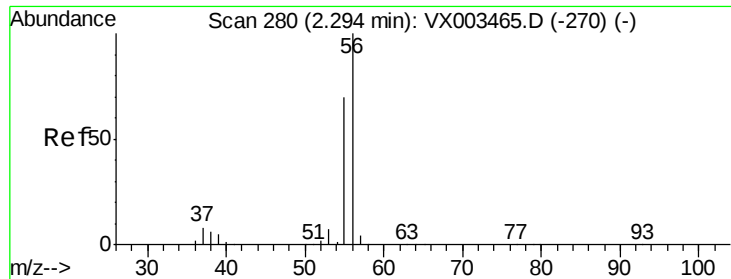


#12

1,1-Dichloroethene
 Concen: 20.53 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 96 Resp: 65323
 Ion Ratio Lower Upper
 96 100
 61 150.4 137.9 206.9
 98 64.2 51.6 77.4





#13

Acrolein

Concen: 107.31 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

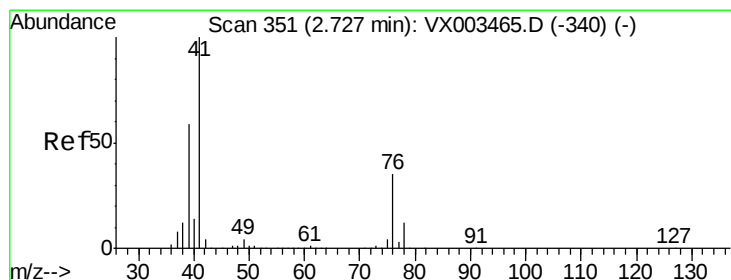
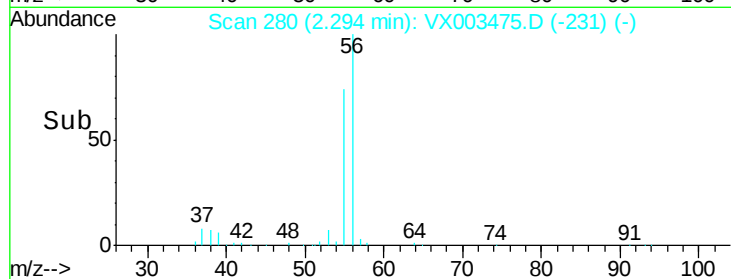
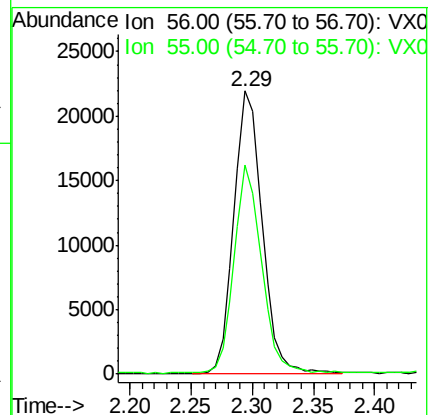
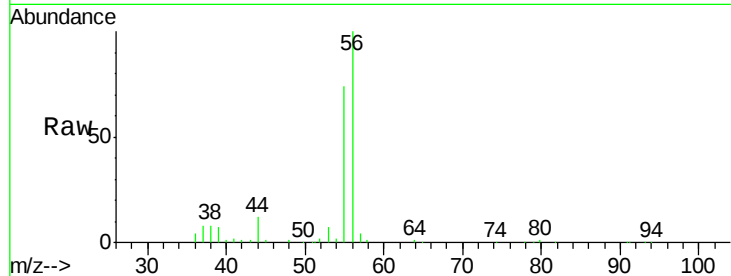
VX0719WBSD01

Tot Ion: 56 Resp: 35382

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 21.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

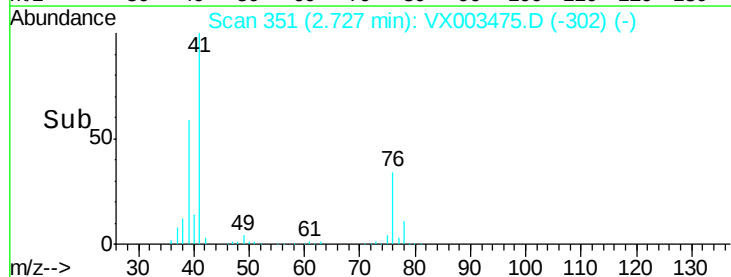
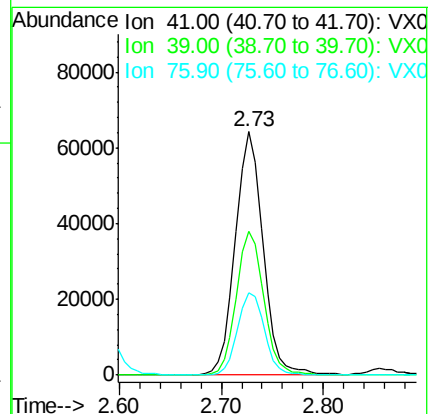
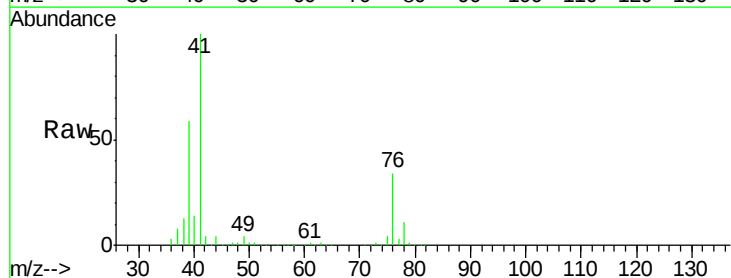
Tgt Ion: 41 Resp: 120743

Ion Ratio Lower Upper

41 100

39 57.6 56.8 85.2

76 33.2 23.8 35.8





#15

Acrylonitrile

Concen: 108.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

VX0719WBSD01

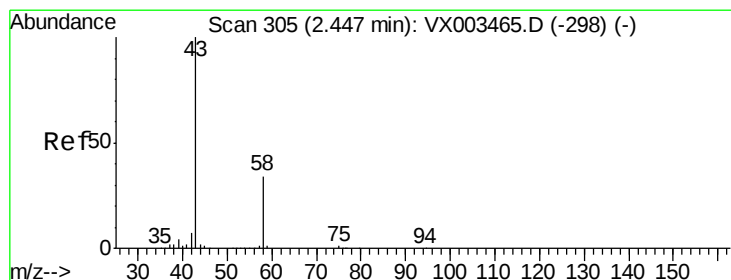
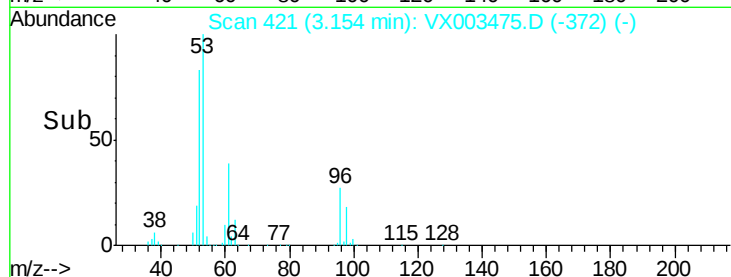
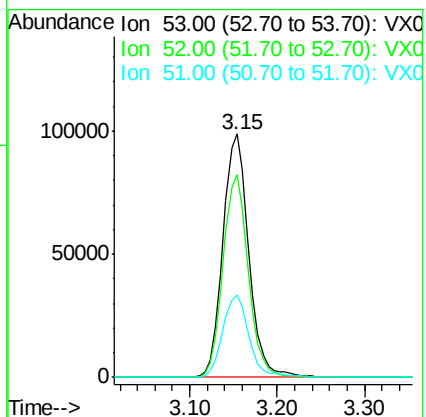
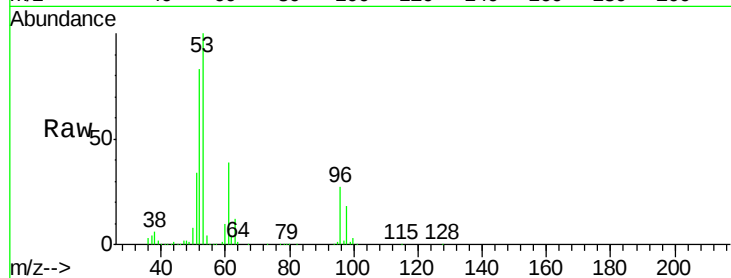
Tot Ion: 53 Resp: 200858

Ion Ratio Lower Upper

53 100

52 81.8 66.7 100.1

51 34.5 29.9 44.9



#16

Acetone

Concen: 113.17 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003475.D

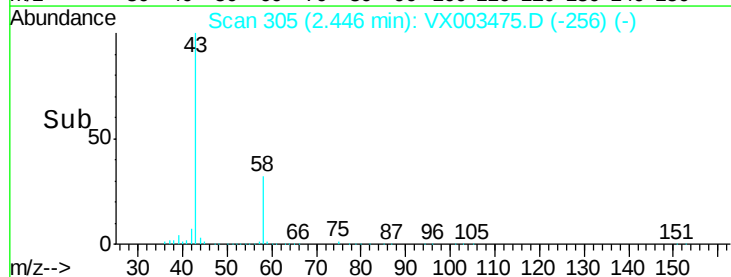
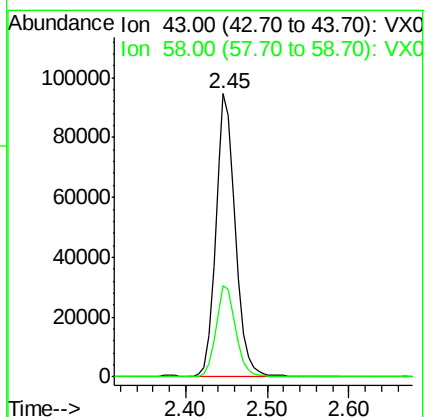
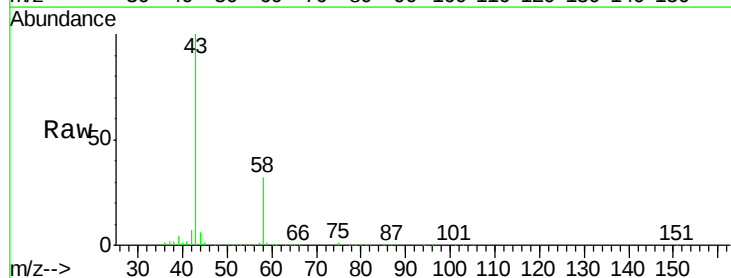
Acq: 19 Jul 2018 21:01

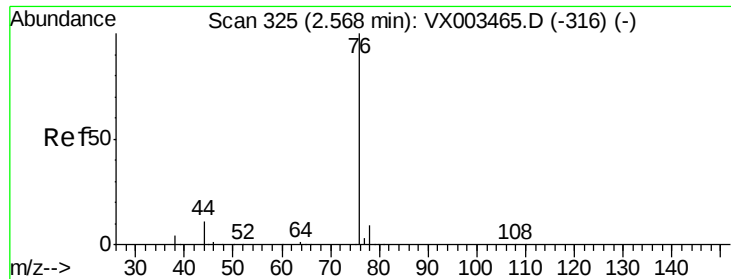
Tgt Ion: 43 Resp: 157647

Ion Ratio Lower Upper

43 100

58 32.4 22.1 33.1

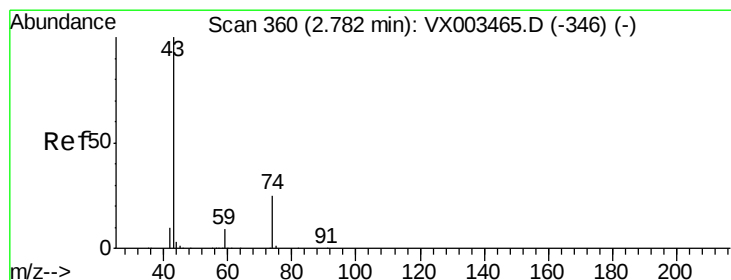
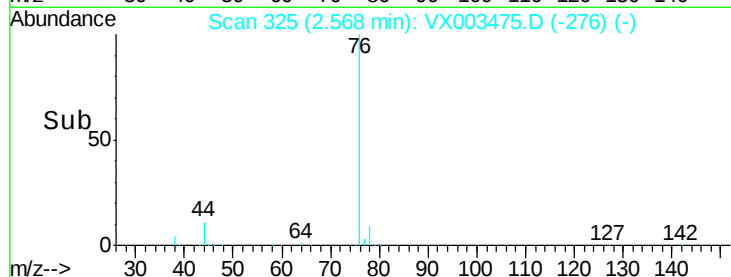
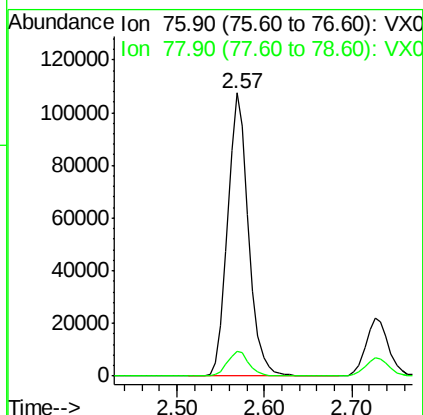
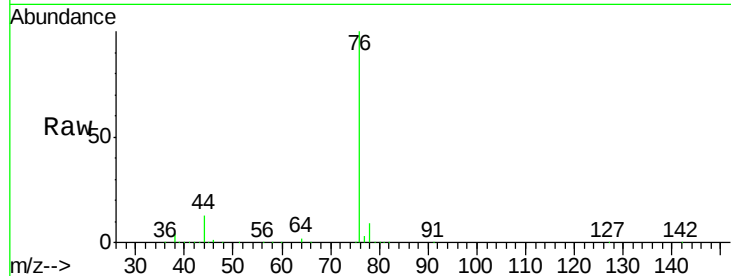




#17
Carbon Disulfide
Concen: 20.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

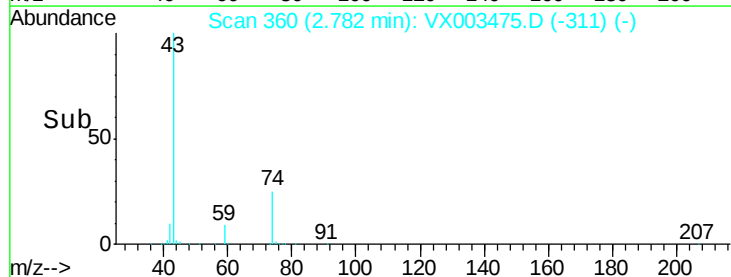
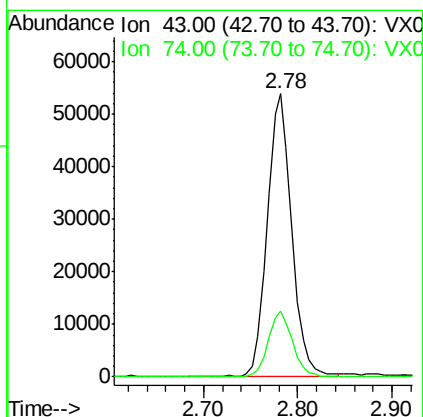
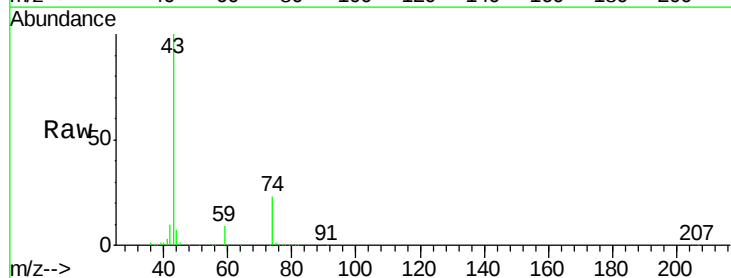
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

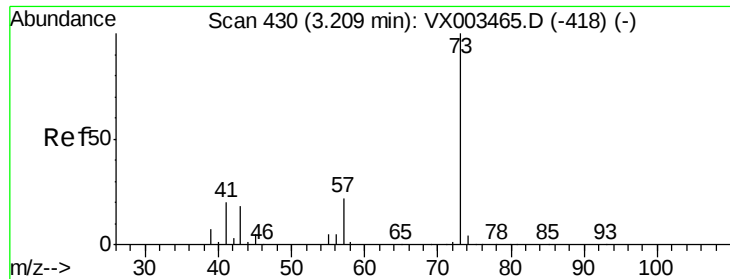
Tot Ion: 76 Resp: 177744
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 22.20 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 43 Resp: 97503
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1

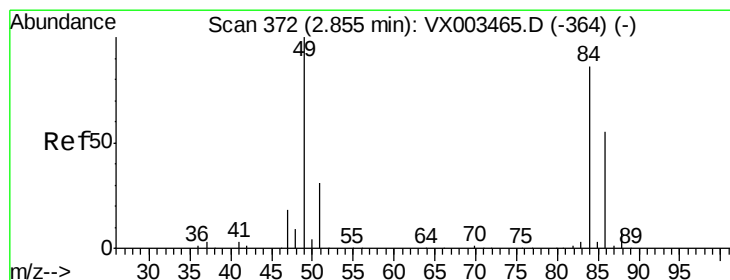
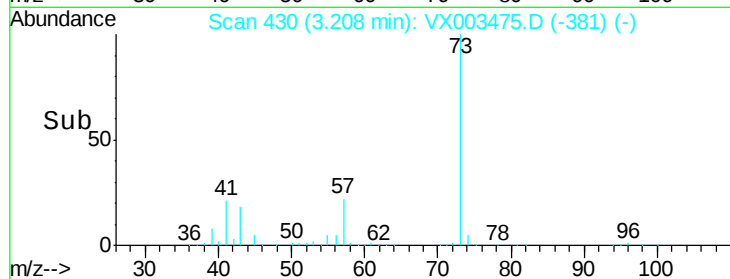
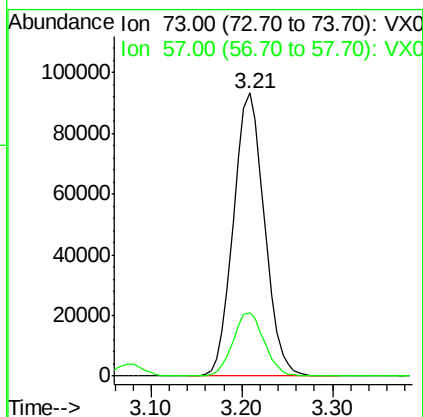
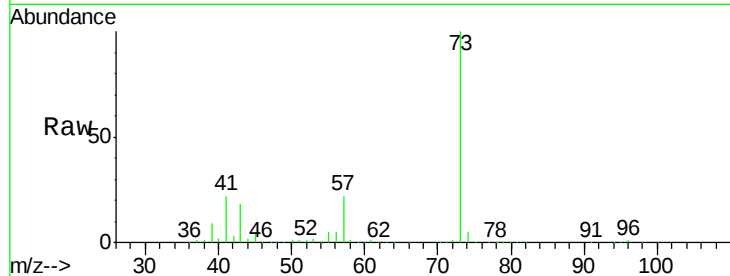




#19
Methvl tert-butvl Ether
Concen: 21.39 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

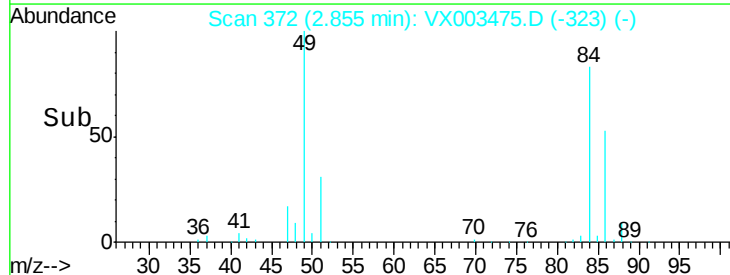
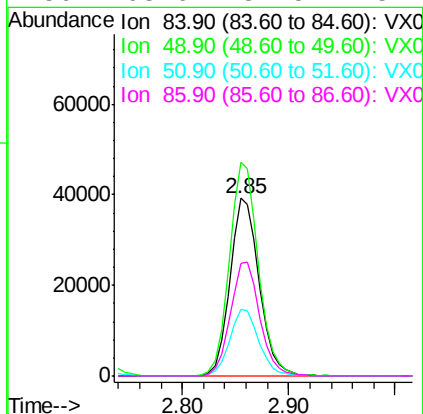
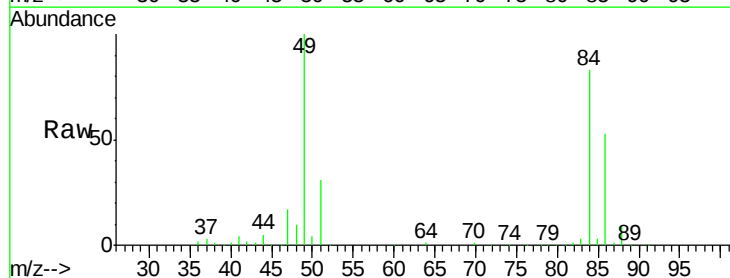
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

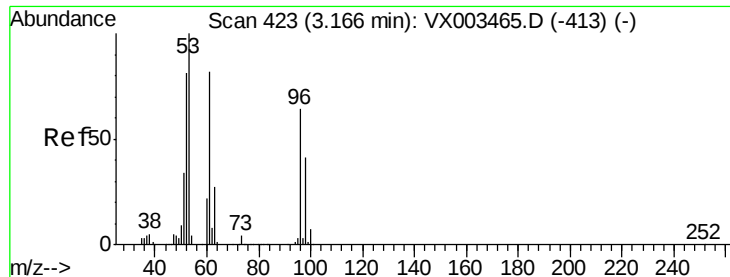
Tot Ion: 73 Resp: 222280
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 21.72 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 84 Resp: 75646
Ion Ratio Lower Upper
84 100
49 120.1 107.8 161.6
51 37.2 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.98 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

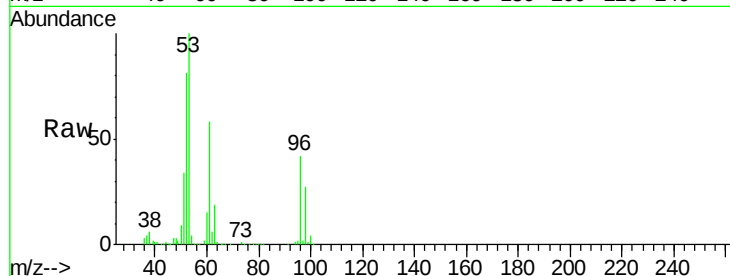
Tot Ion: 96 Resp: 70736

Ion Ratio Lower Upper

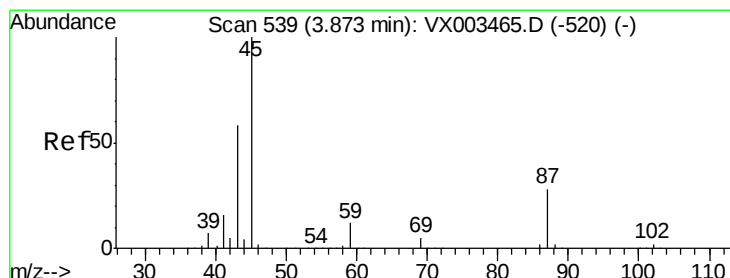
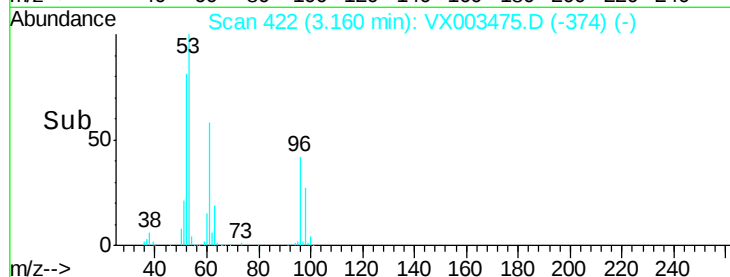
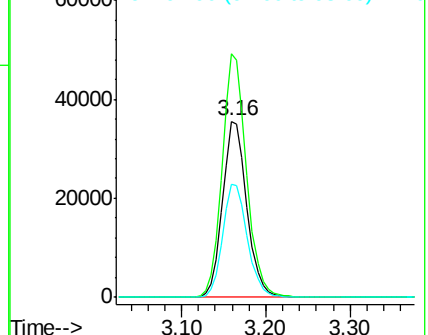
96 100

61 138.1 117.0 175.4

98 63.9 52.4 78.6



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



#22

Diisopropyl ether

Concen: 21.23 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Tgt Ion: 45 Resp: 224993

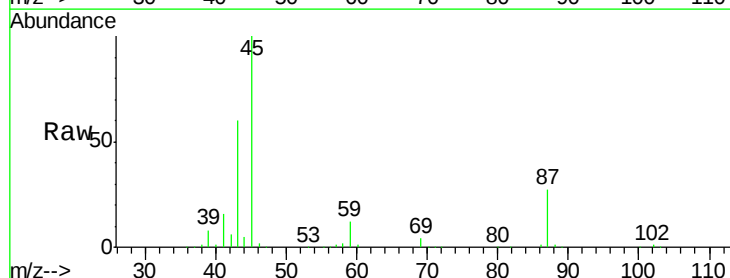
Ion Ratio Lower Upper

45 100

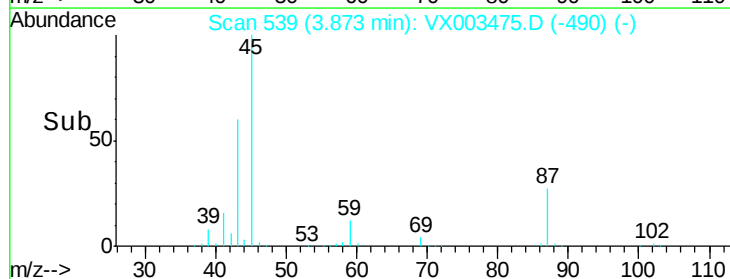
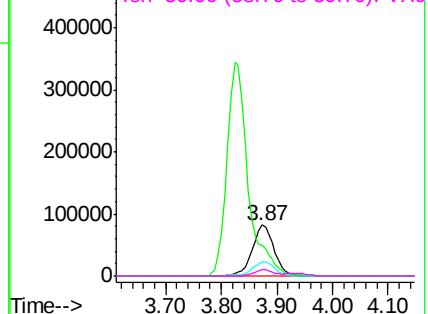
43 59.8 46.8 70.2

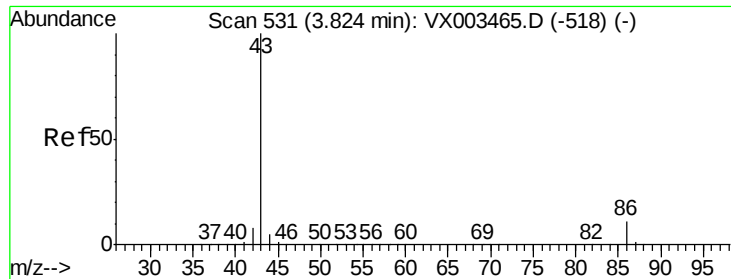
87 27.5 20.2 30.4

59 11.5 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.94 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

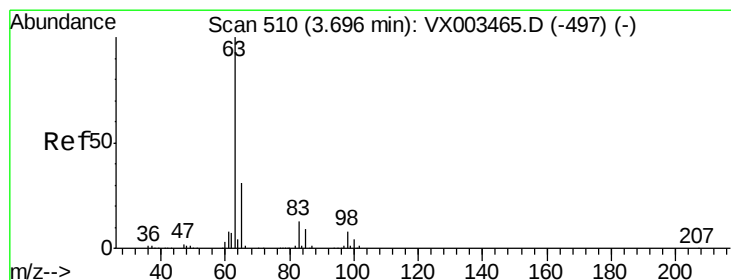
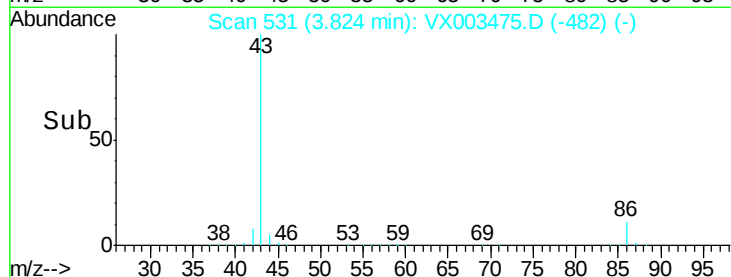
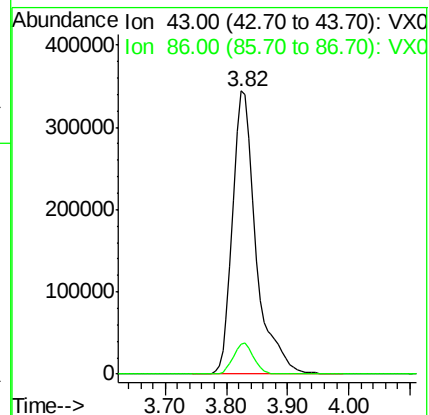
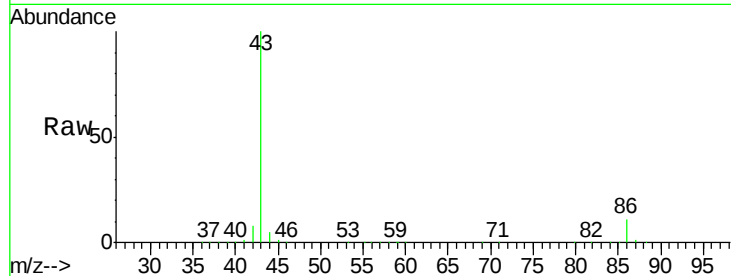
VX0719WBSD01

Tot Ion: 43 Resp: 907443

Ion Ratio Lower Upper

43 100

86 10.8 7.4 11.0



#24

1,1-Dichloroethane

Concen: 21.21 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

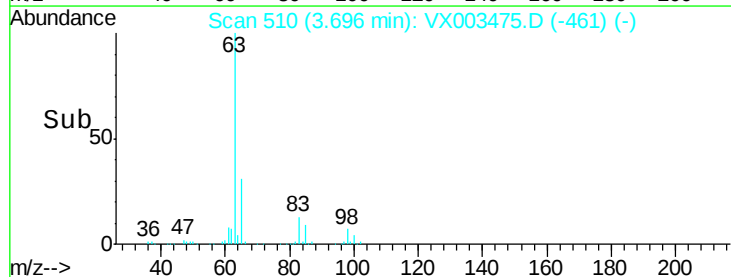
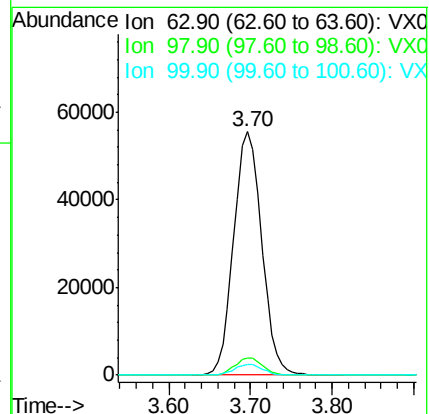
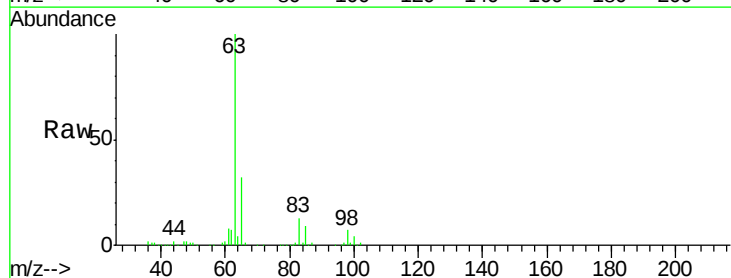
Tgt Ion: 63 Resp: 131892

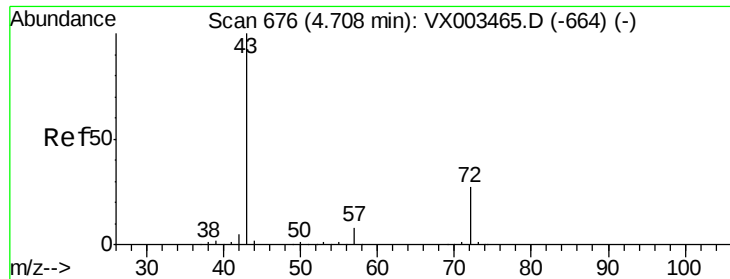
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 107.38 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

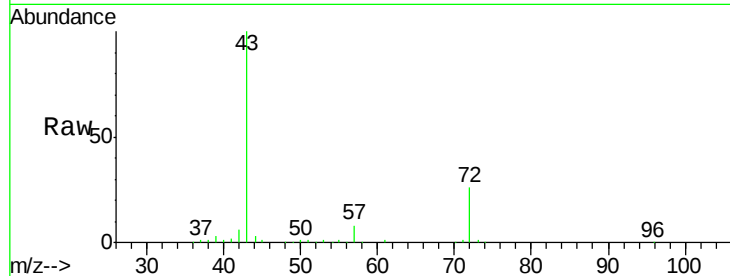
VX0719WBSD01

Tot Ion: 43 Resp: 250965

Ion Ratio Lower Upper

43 100

72 26.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

80000

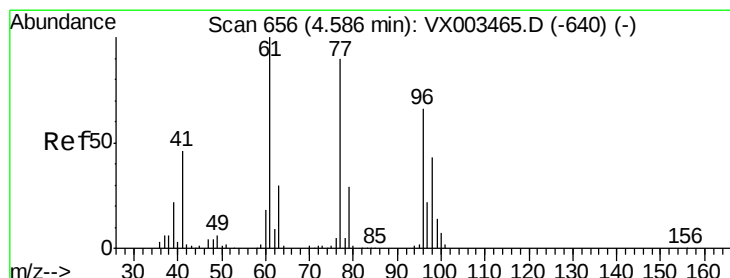
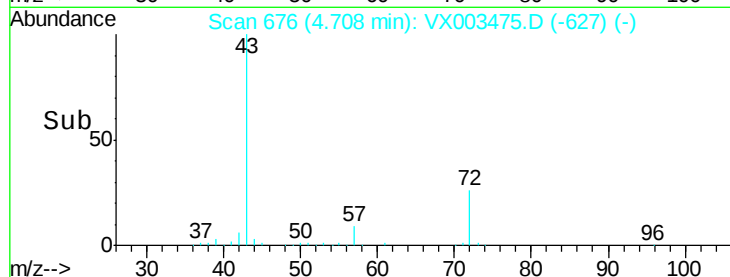
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003475.D

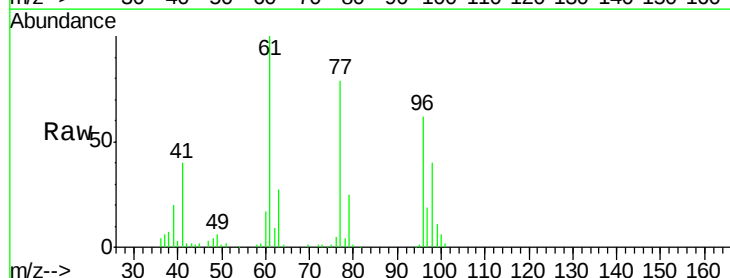
Acq: 19 Jul 2018 21:01

Tgt Ion: 77 Resp: 87353

Ion Ratio Lower Upper

77 100

97 25.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

30000

25000

20000

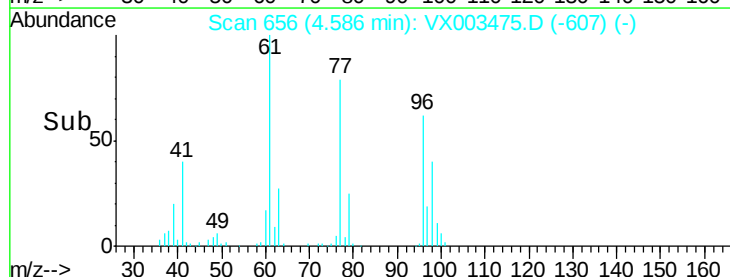
15000

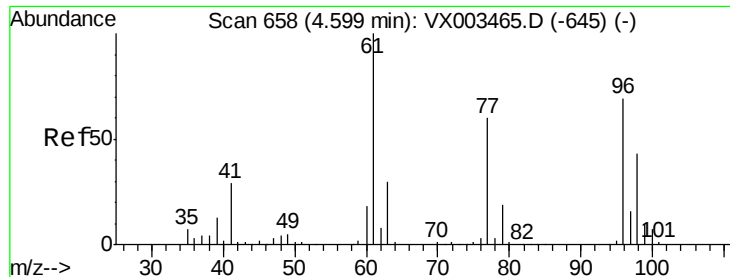
10000

5000

0

Time-->



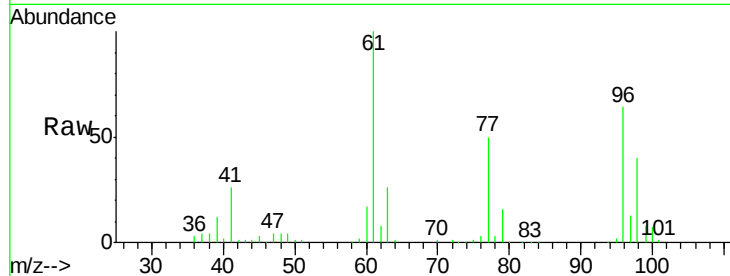


#27

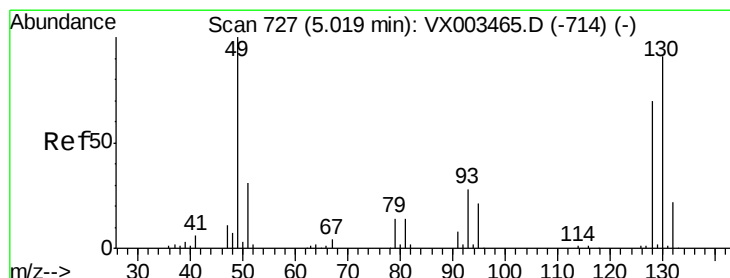
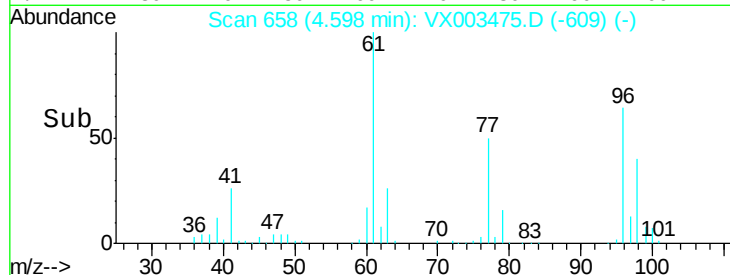
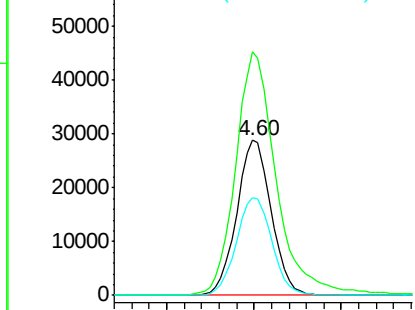
cis-1,2-Dichloroethene
Concen: 20.06 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tot Ion: 96 Resp: 79088
Ion Ratio Lower Upper
96 100
61 184.0 0.0 330.2
98 64.9 0.0 130.2



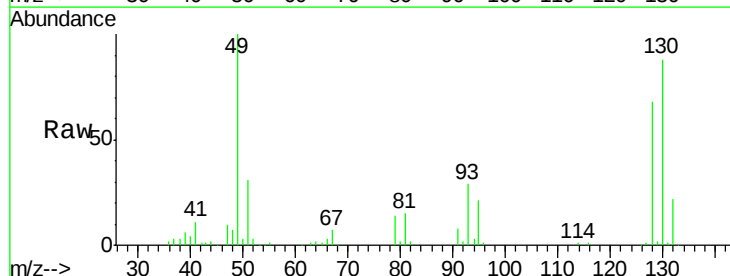
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



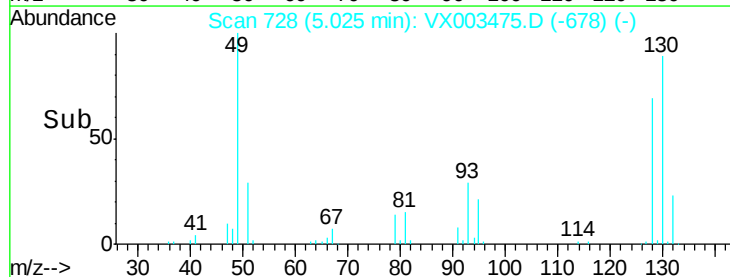
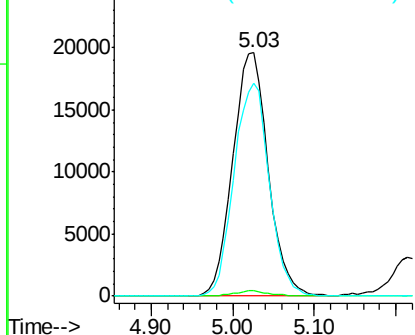
#28

Bromochloromethane
Concen: 21.74 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 49 Resp: 59097
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 87.0 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

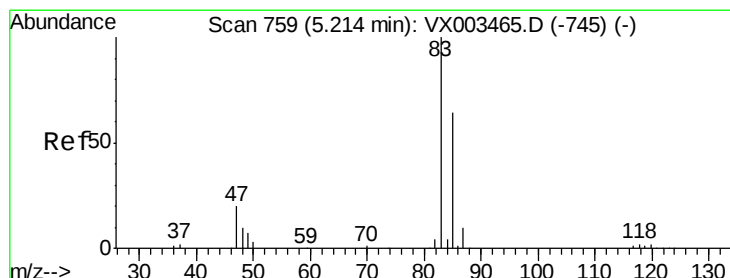
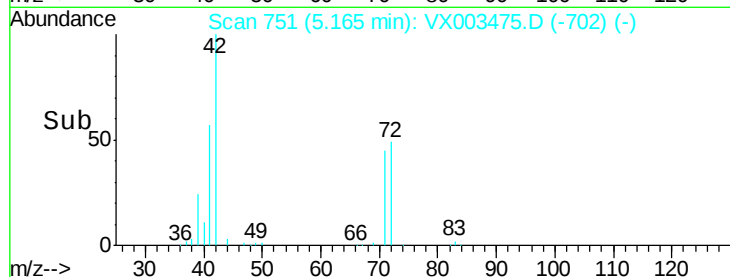
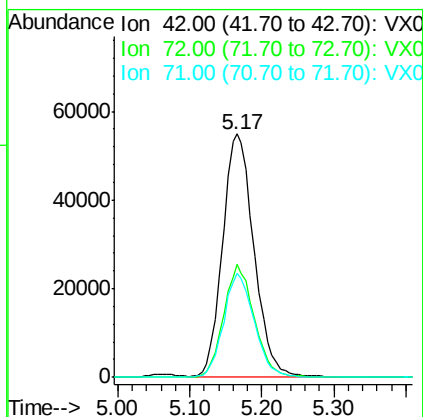
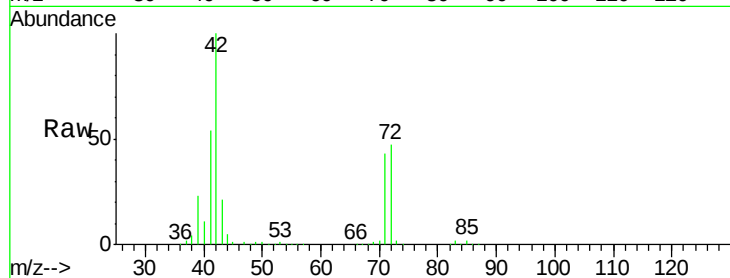




#29
Tetrahydrofuran
Concen: 106.78 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

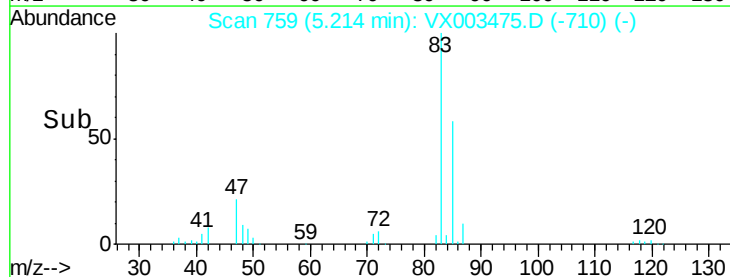
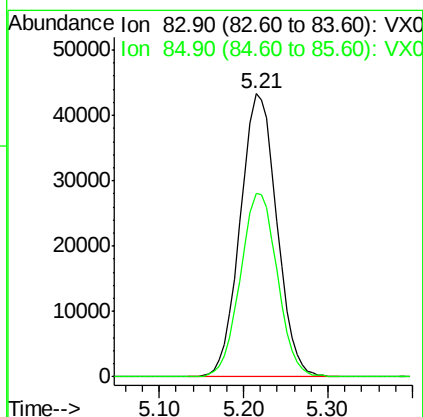
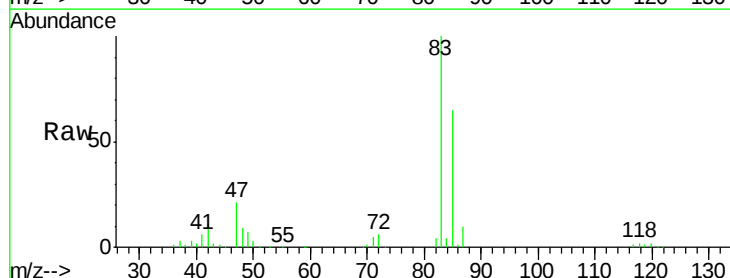
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

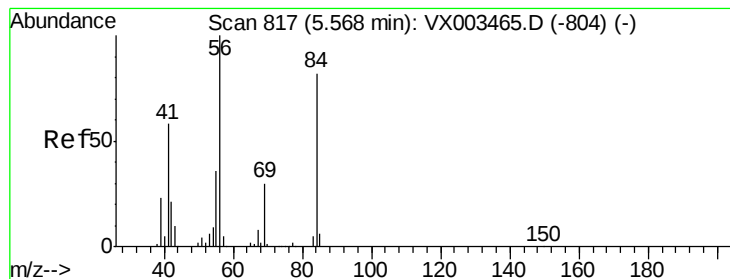
Tot Ion: 42 Resp: 164860
Ion Ratio Lower Upper
42 100
72 45.4 32.0 48.0
71 42.0 30.1 45.1



#30
Chloroform
Concen: 21.03 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 83 Resp: 127718
Ion Ratio Lower Upper
83 100
85 64.6 50.4 75.6





#31

Cyclohexane

Concen: 20.17 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

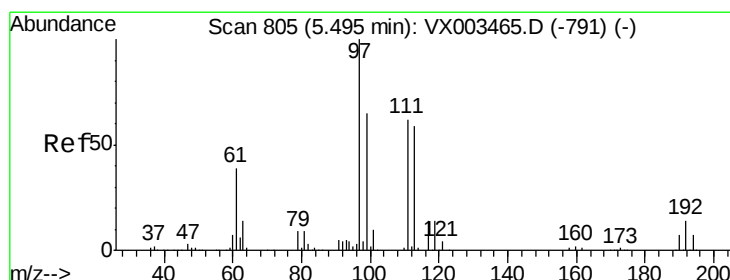
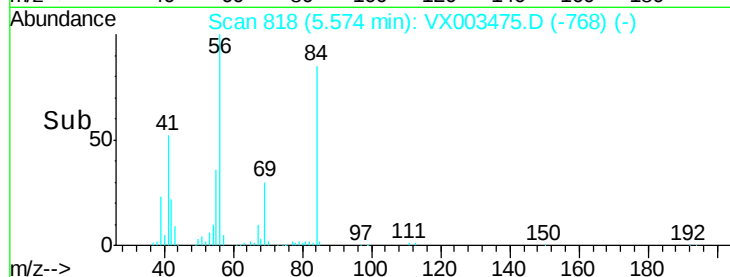
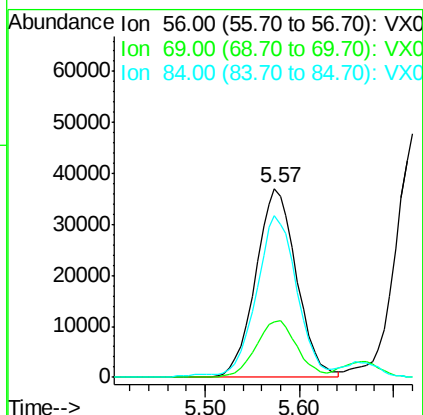
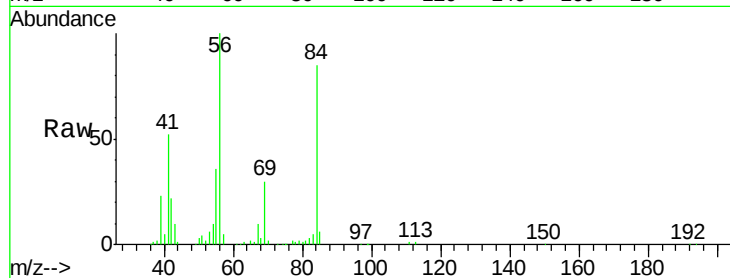
Tot Ion: 56 Resp: 112049

Ion Ratio Lower Upper

56 100

69 29.6 23.7 35.5

84 84.4 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 20.75 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

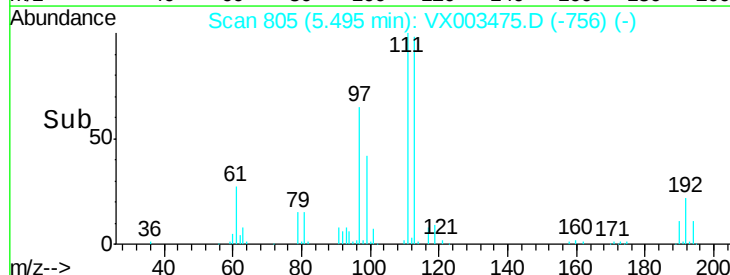
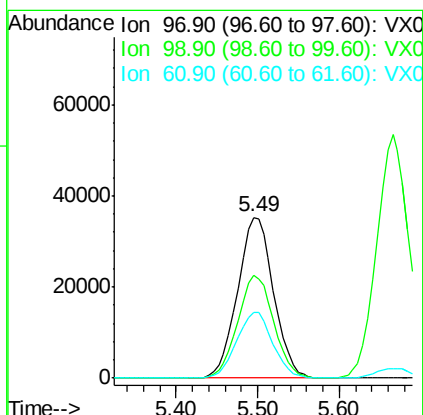
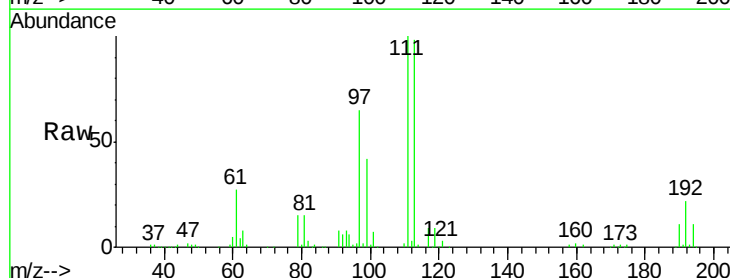
Tgt Ion: 97 Resp: 107909

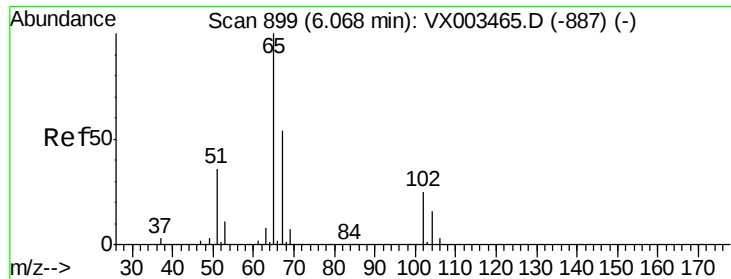
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 41.3 36.4 54.6

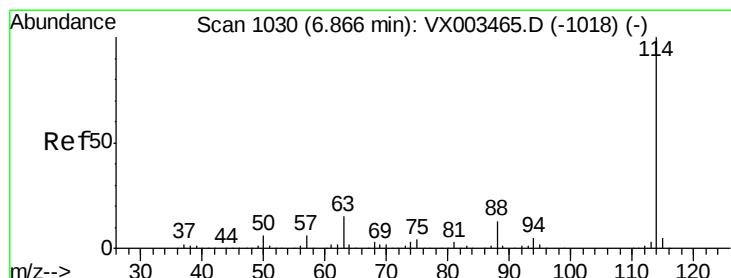
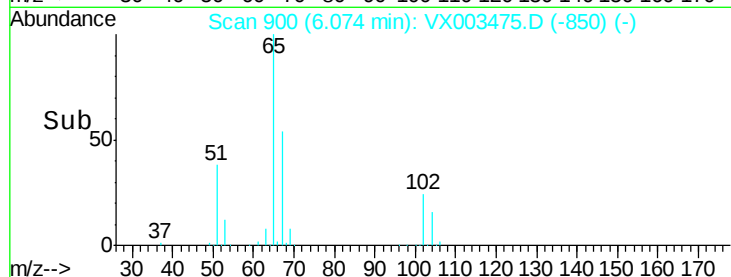
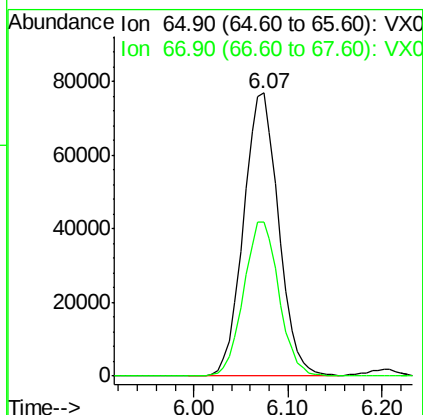
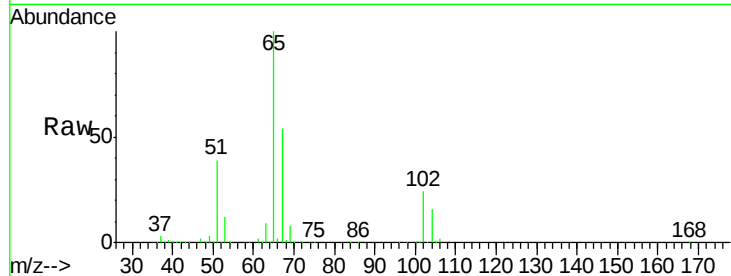




#33
 1,2-Dichloroethane-d4
 Concen: 54.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

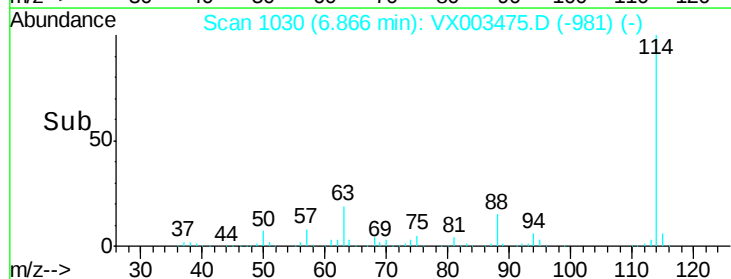
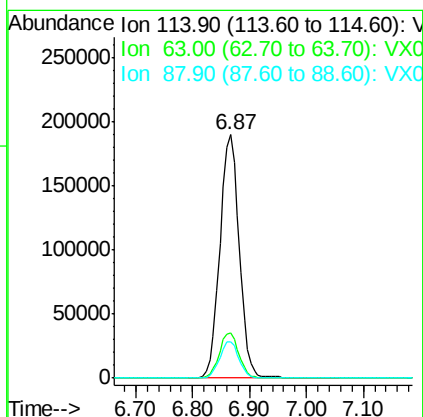
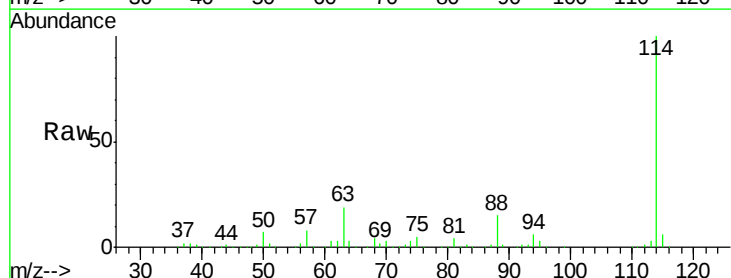
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

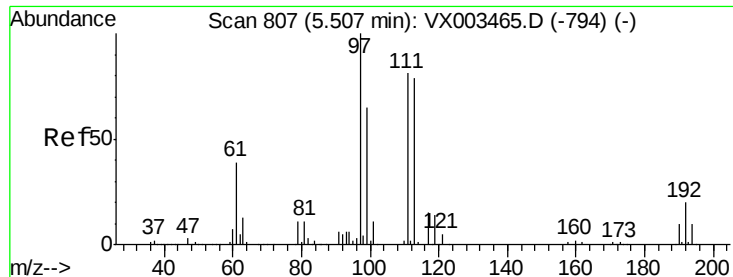
Tot Ion: 65 Resp: 199649
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 114 Resp: 448144
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 15.1 0.0 30.0

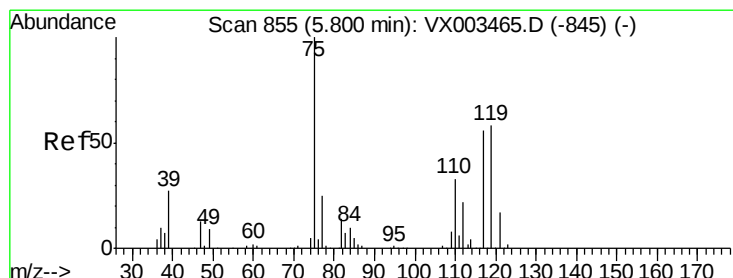
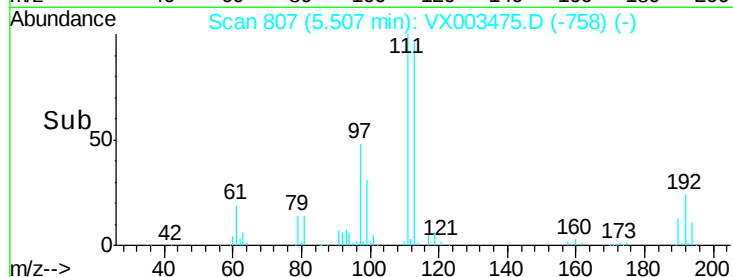
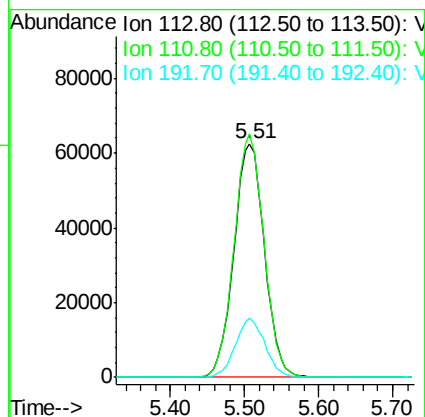
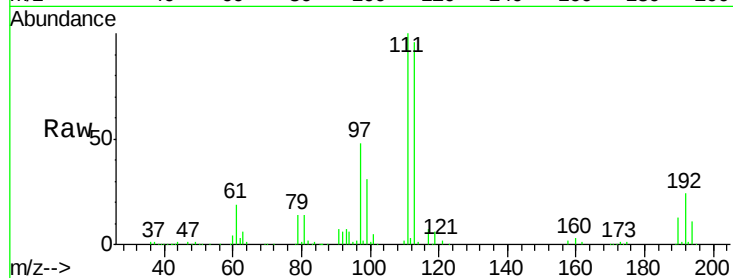




#35
Dibromofluoromethane
Concen: 52.64 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

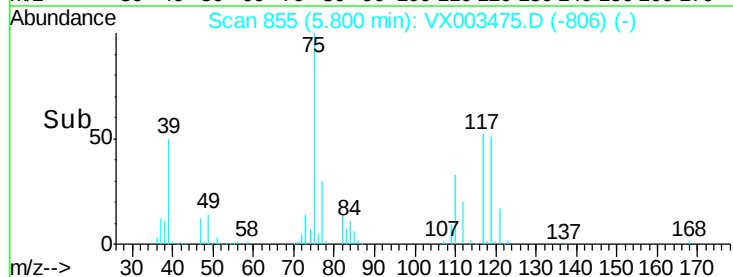
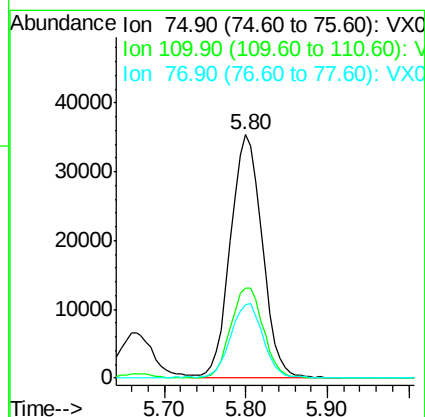
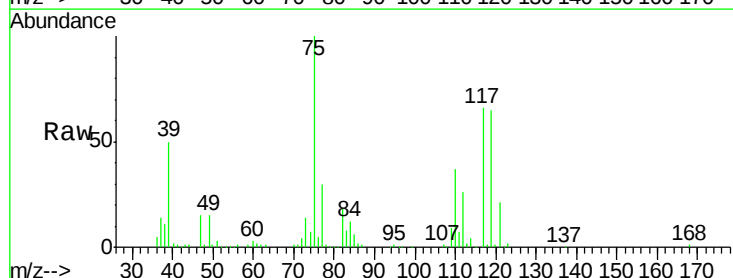
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

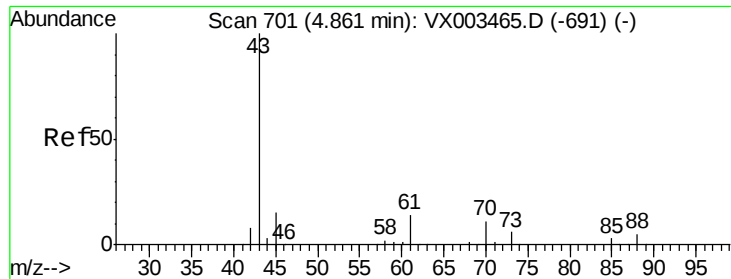
Tot Ion:113 Resp: 179682
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 24.4 19.1 28.7



#36
1,1-Dichloropropene
Concen: 19.61 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 75 Resp: 94860
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.4
77 31.2 24.3 36.5

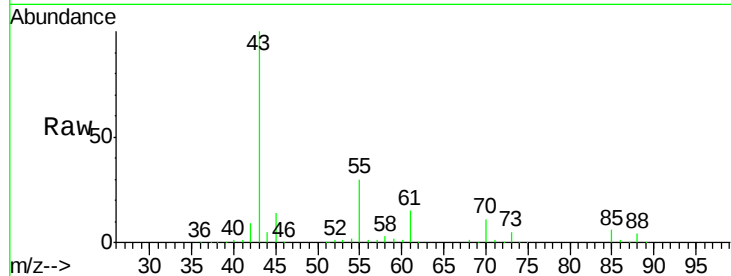




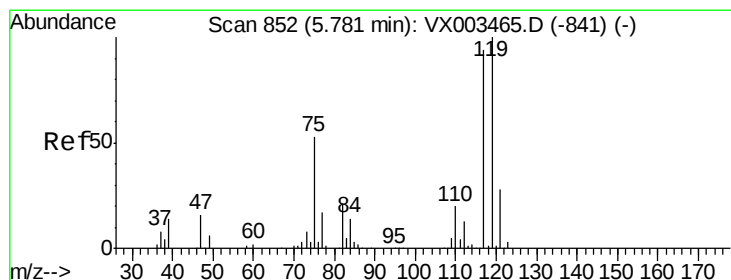
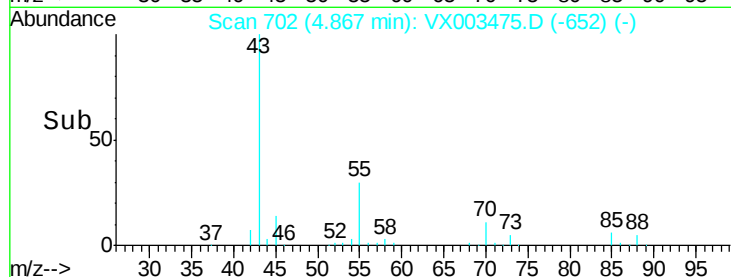
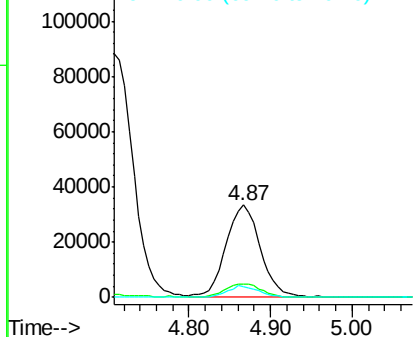
#37
Ethyl Acetate
Concen: 21.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tot Ion: 43 Resp: 96510
Ion Ratio Lower Upper
43 100
61 15.3 10.4 15.6
70 11.3 7.6 11.4

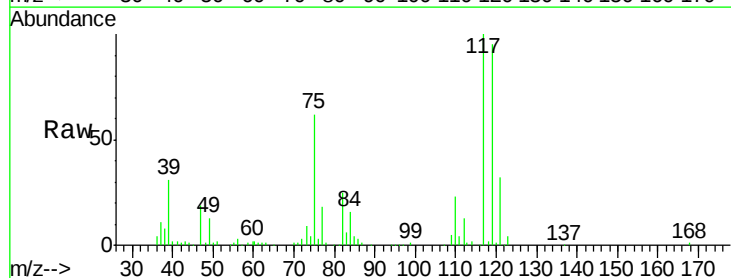


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

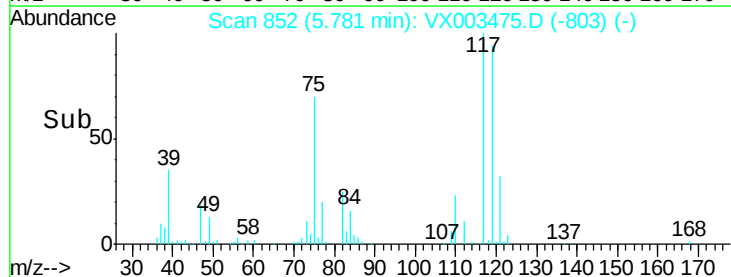
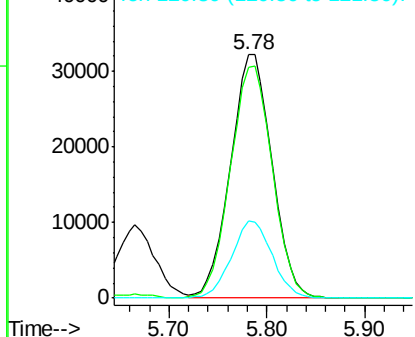


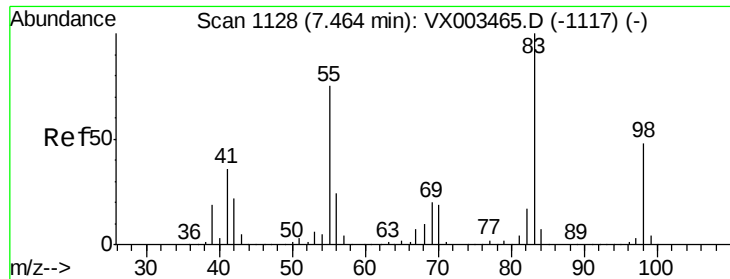
#38
Carbon Tetrachloride
Concen: 20.01 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 117 Resp: 94969
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 31.9 24.4 36.6



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

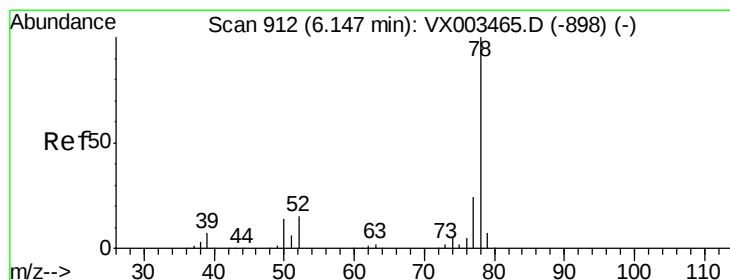
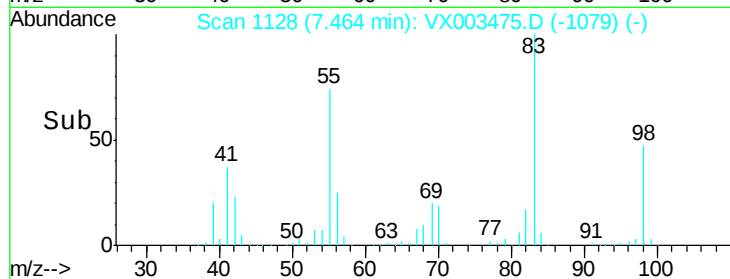
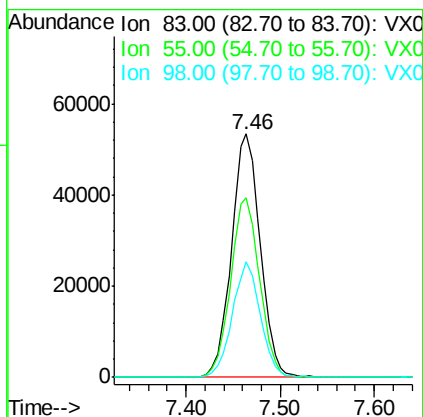
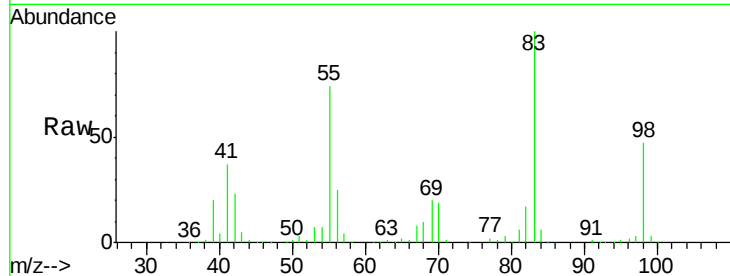




#39
Methvlcvclohexane
Concen: 19.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

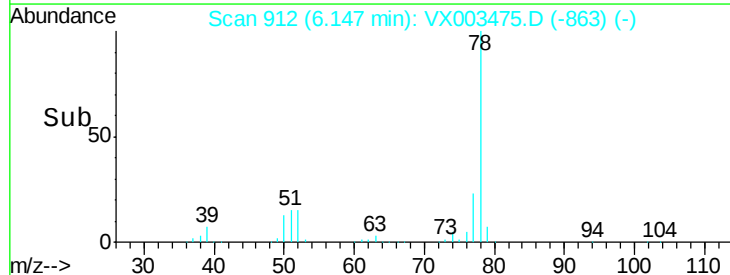
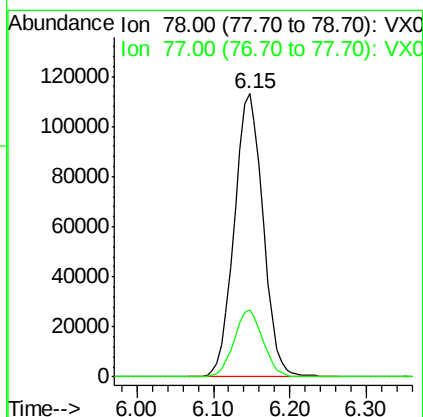
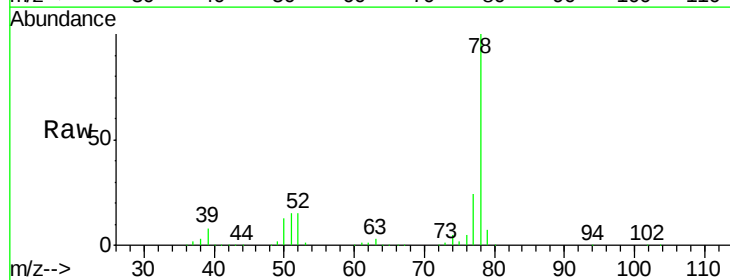
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

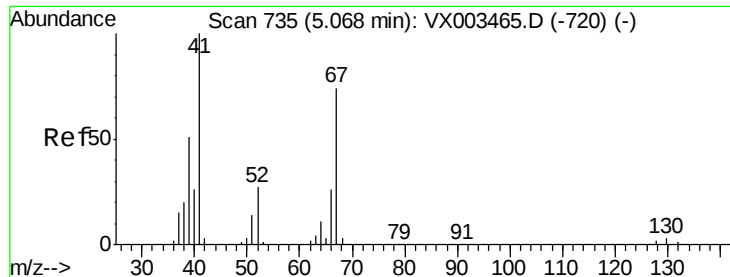
Tot Ion: 83 Resp: 112822
Ion Ratio Lower Upper
83 100
55 74.0 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 20.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 78 Resp: 294713
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 20.57 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

VX0719WBSD01

Tot Ion: 41 Resp: 55363

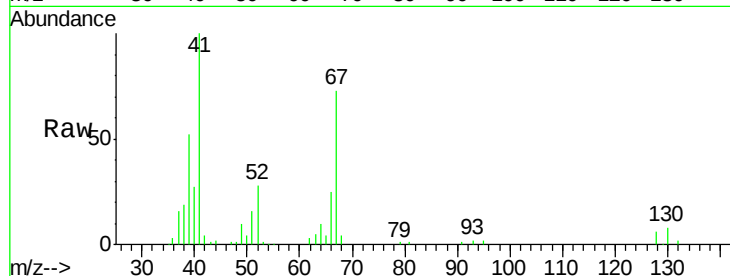
Ion Ratio Lower Upper

41 100

39 52.4 45.8 68.6

67 73.3 51.3 76.9

52 29.2 23.0 34.6

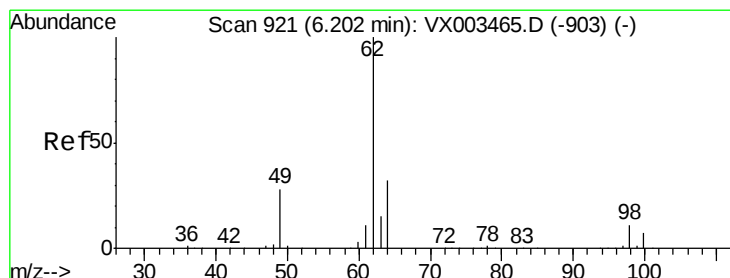
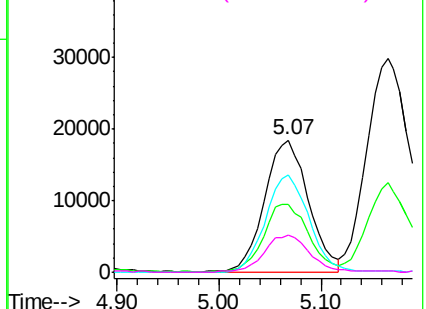
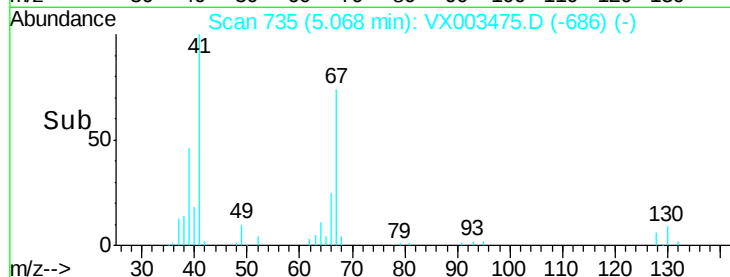


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.23 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003475.D

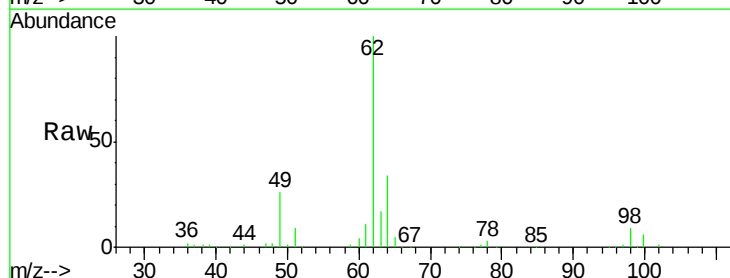
Acq: 19 Jul 2018 21:01

Tgt Ion: 62 Resp: 97711

Ion Ratio Lower Upper

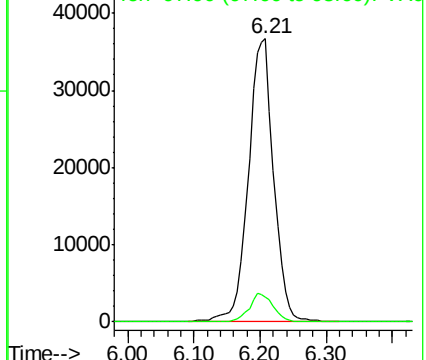
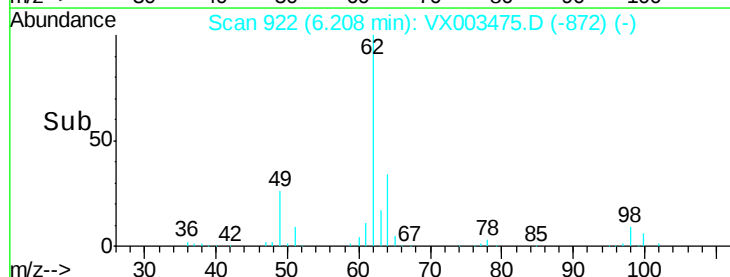
62 100

98 9.6 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



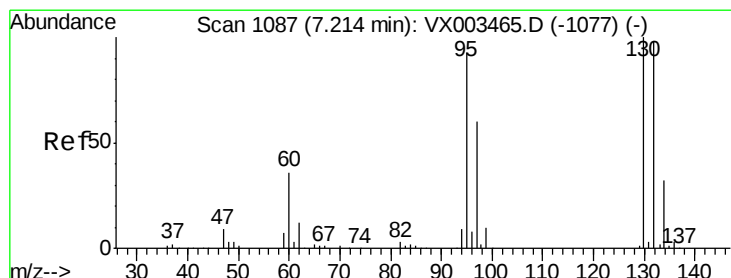
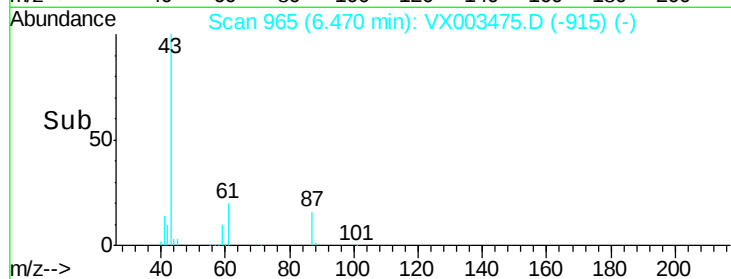
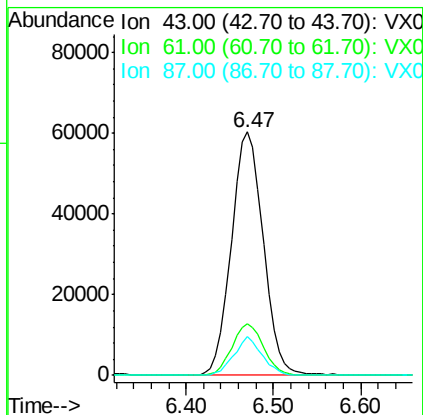
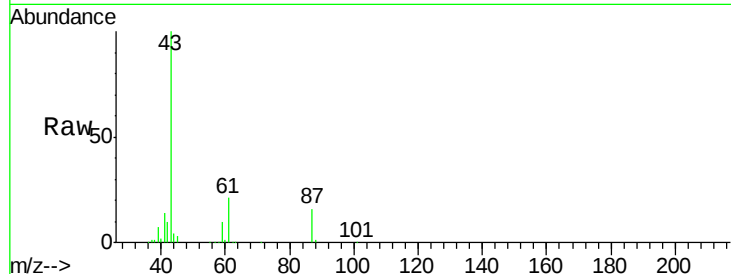


#43

Isopropyl Acetate
 Concen: 20.97 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

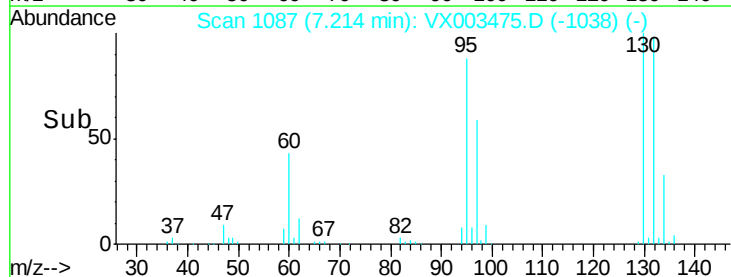
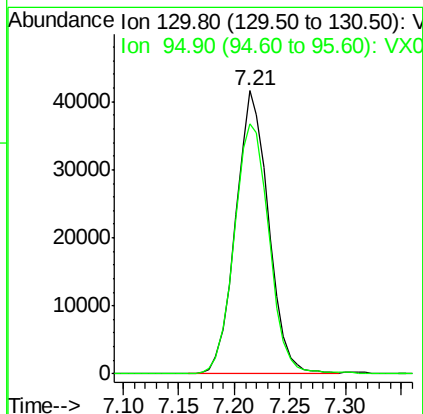
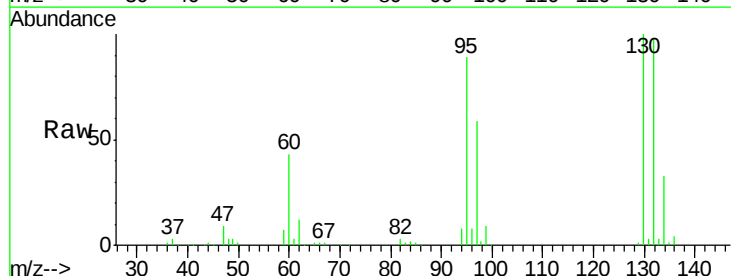
Tot Ion: 43 Resp: 152721
 Ion Ratio Lower Upper
 43 100
 61 21.0 14.4 21.6
 87 14.2 9.5 14.3

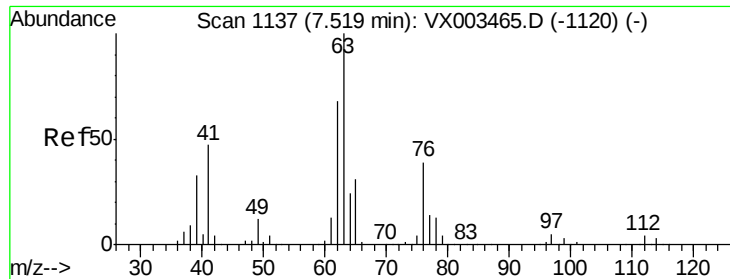


#44

Trichloroethene
 Concen: 19.57 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 130 Resp: 85247
 Ion Ratio Lower Upper
 130 100
 95 88.5 0.0 185.4

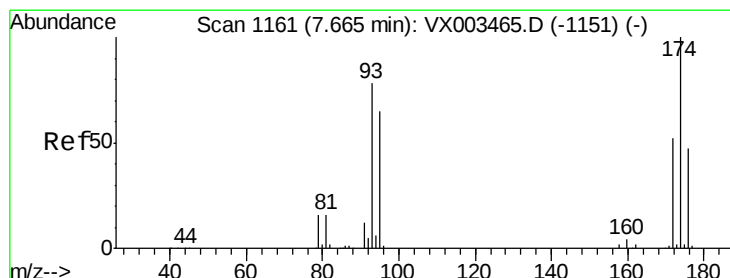
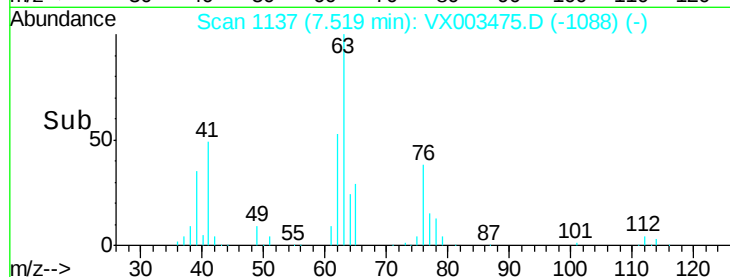
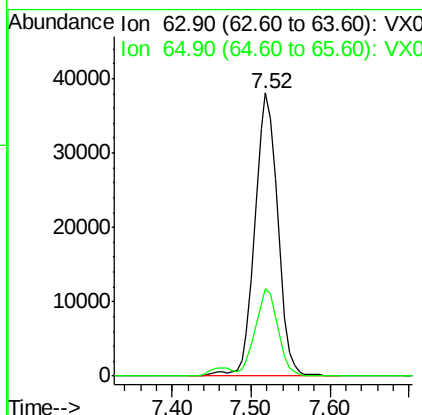
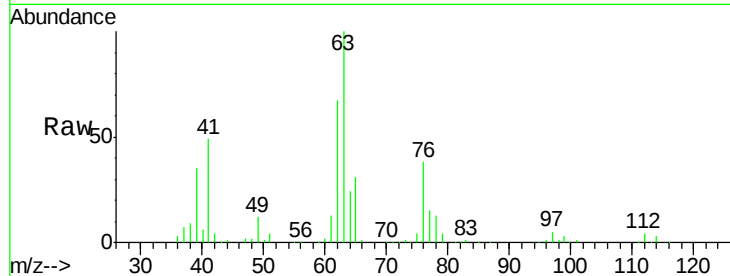




#45
 1,2-Dichloropropane
 Concen: 20.76 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

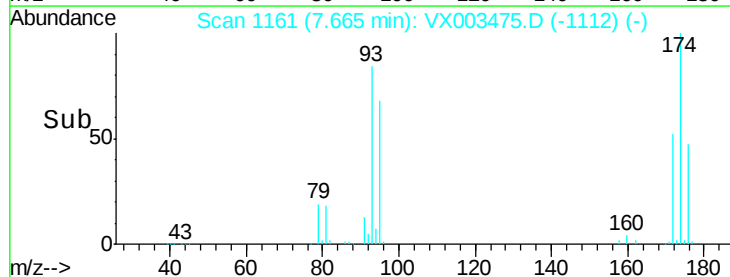
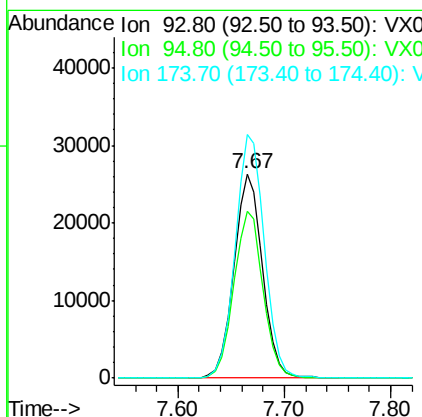
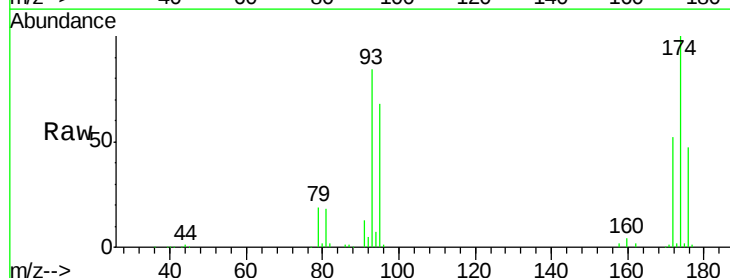
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Tot Ion: 63 Resp: 76998
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 20.71 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 93 Resp: 49462
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 122.0 92.4 138.6





#47

Bromodichloromethane

Concen: 20.57 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

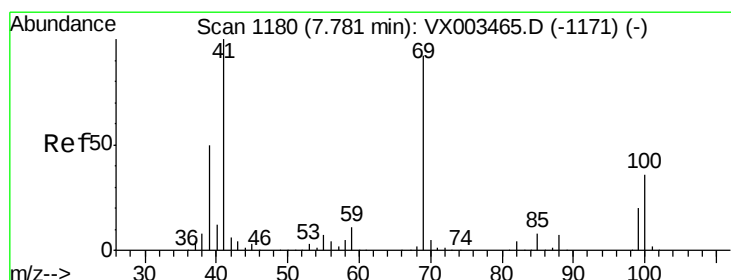
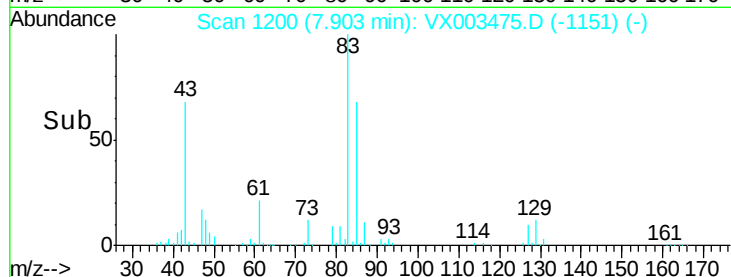
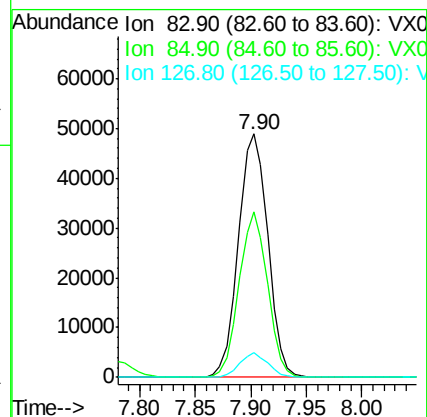
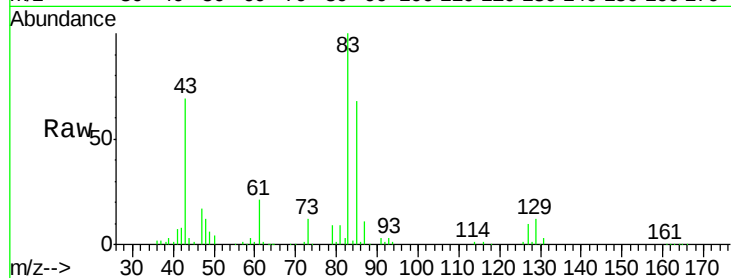
Tot Ion: 83 Resp: 89914

Ion Ratio Lower Upper

83 100

85 67.8 50.3 75.5

127 10.1 7.0 10.4



#48

Methyl methacrylate

Concen: 20.64 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

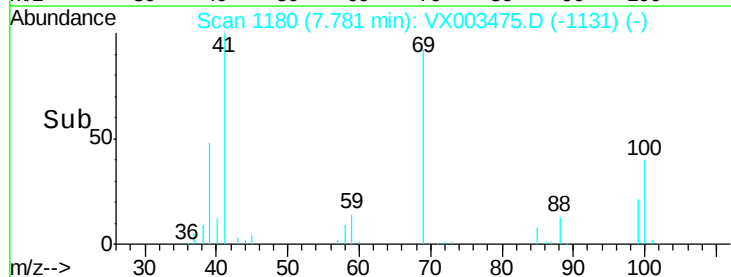
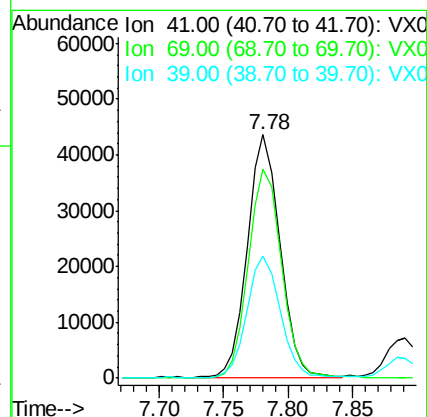
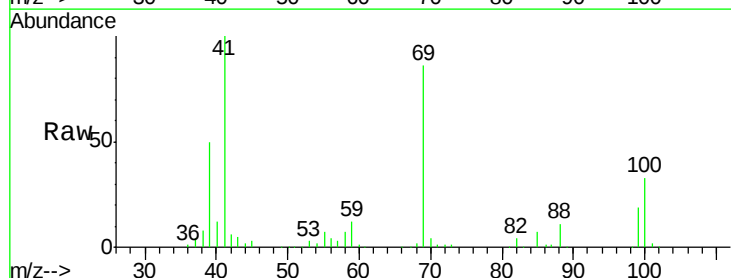
Tgt Ion: 41 Resp: 75790

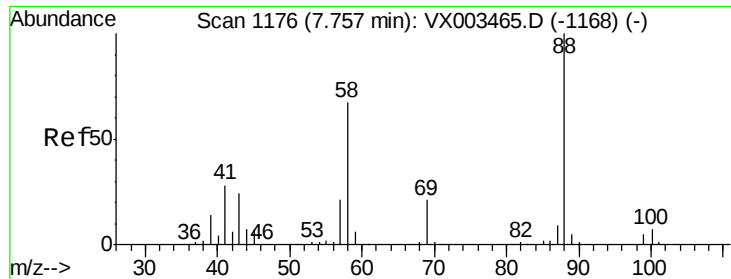
Ion Ratio Lower Upper

41 100

69 89.1 59.1 88.7#

39 51.5 48.9 73.3

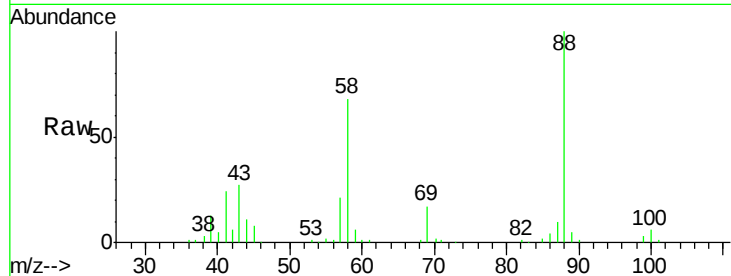




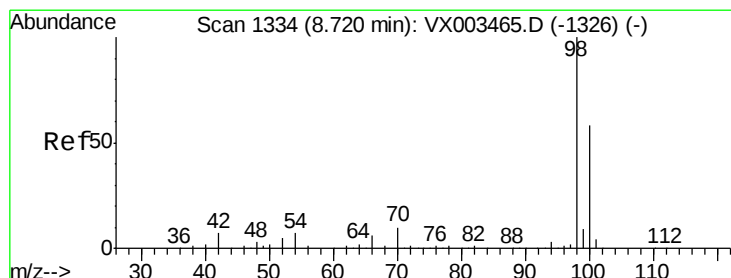
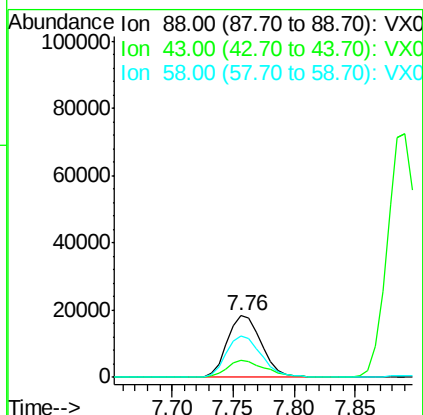
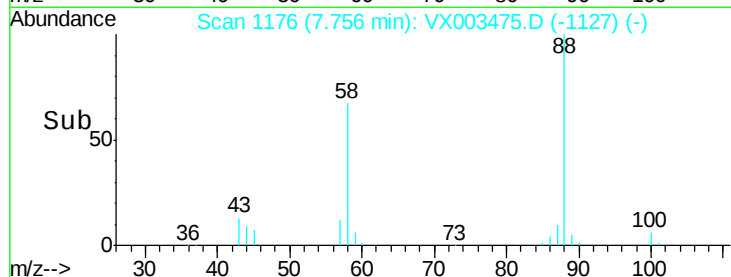
#49
1,4-Dioxane
Concen: 429.28 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tot Ion: 88 Resp: 35725
Ion Ratio Lower Upper
88 100
43 30.5 29.8 44.6
58 70.5 57.1 85.7

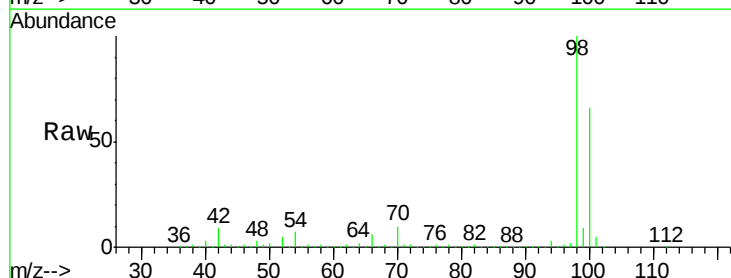


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

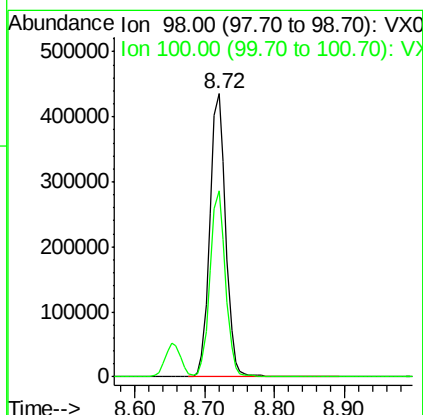
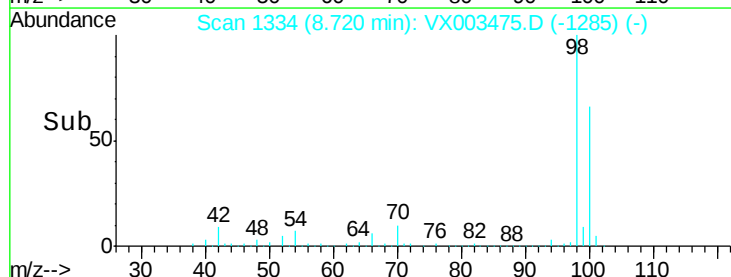


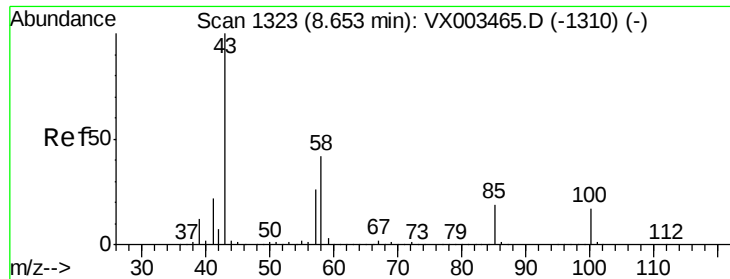
#50
Toluene-d8
Concen: 53.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 98 Resp: 685477
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 108.71 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

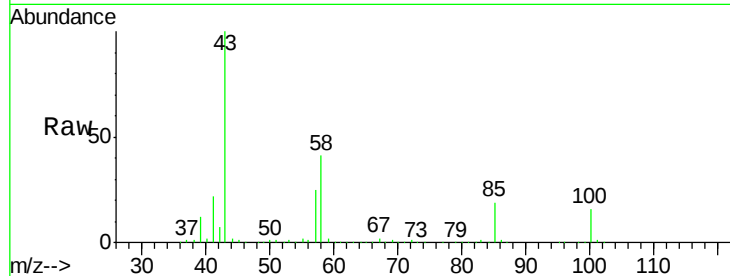
VX0719WBSD01

Tot Ion: 43 Resp: 500216

Ion Ratio Lower Upper

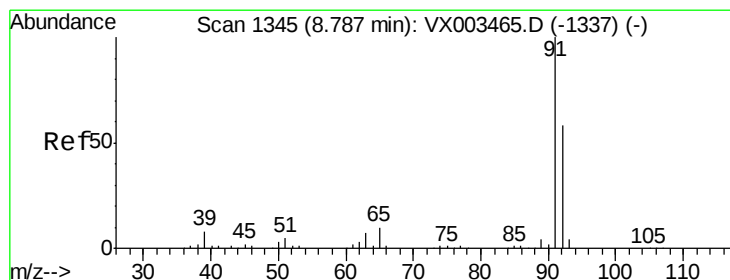
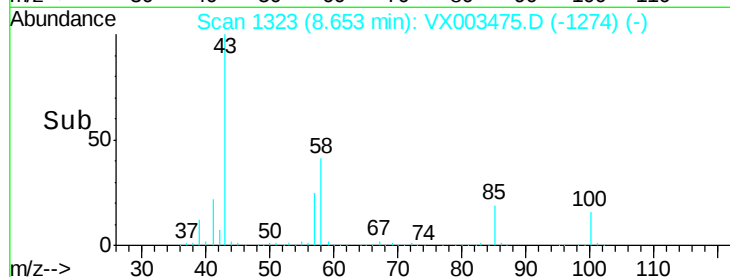
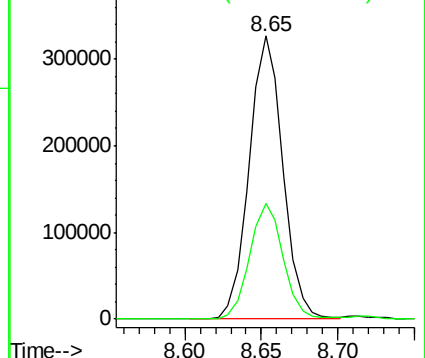
43 100

58 40.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.35 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003475.D

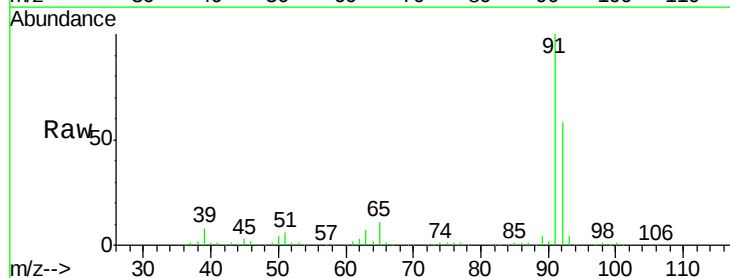
Acq: 19 Jul 2018 21:01

Tgt Ion: 92 Resp: 187152

Ion Ratio Lower Upper

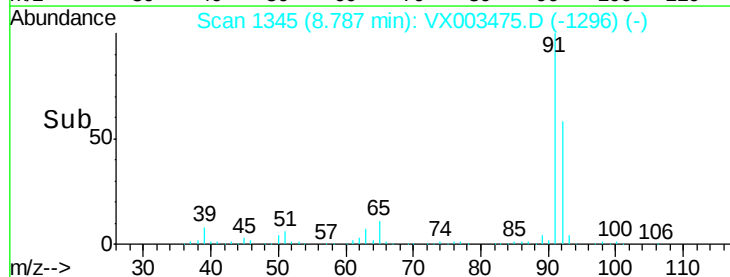
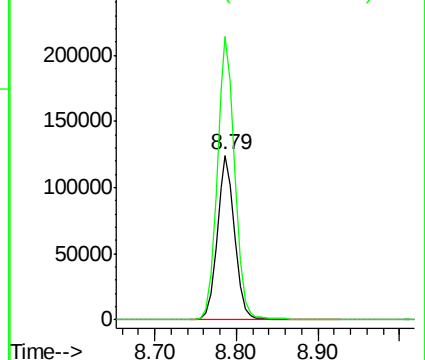
92 100

91 174.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

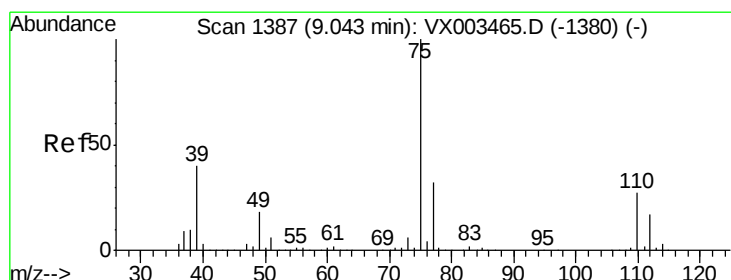
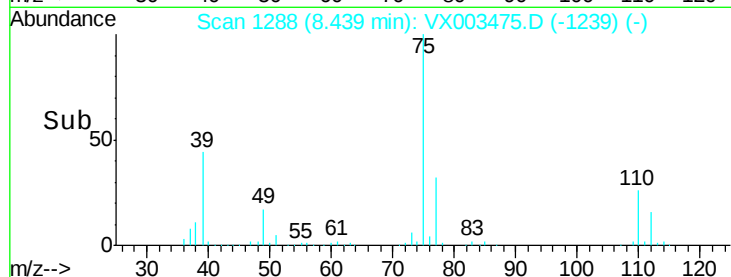
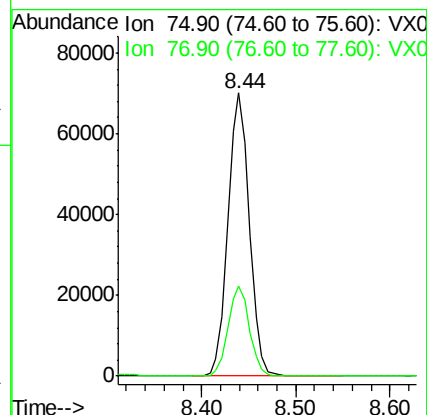
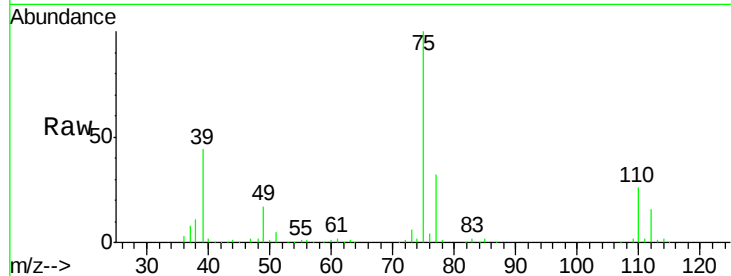




#53
t-1,3-Dichloropropene
Concen: 20.48 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

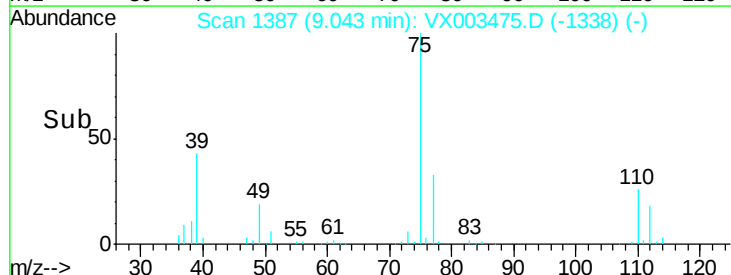
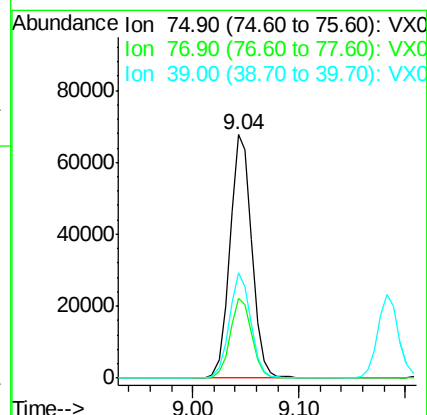
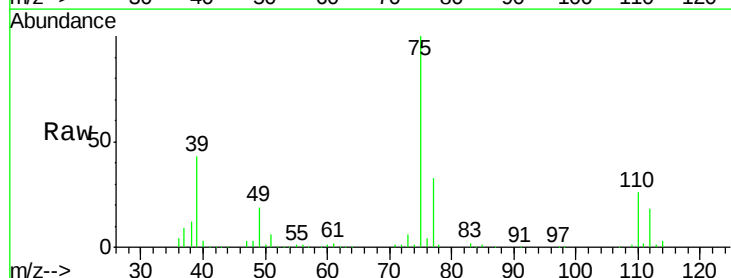
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

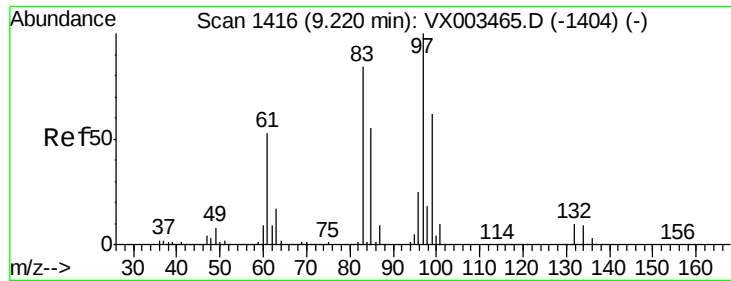
Tot Ion: 75 Resp: 110181
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.15 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 75 Resp: 97527
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2
39 43.2 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.70 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tot Ion: 97 Resp: 75743

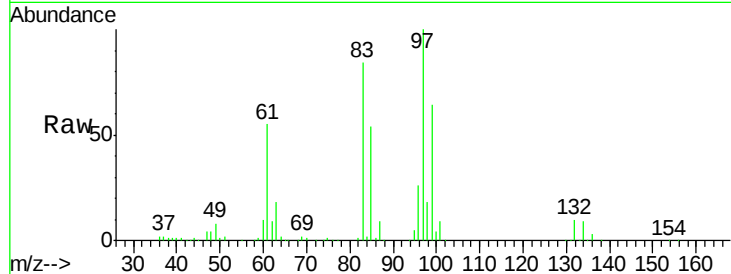
Ion Ratio Lower Upper

97 100

83 84.3 70.2 105.2

85 54.0 44.9 67.3

99 63.8 49.8 74.8



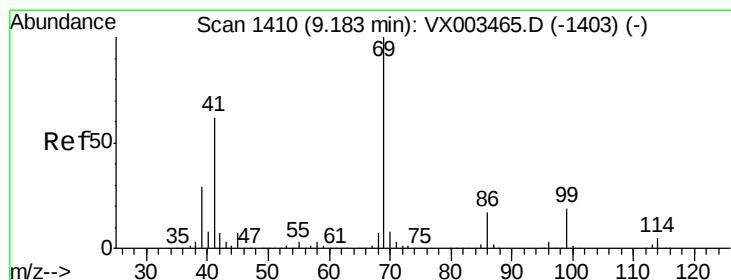
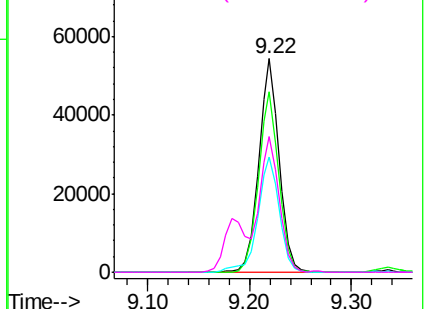
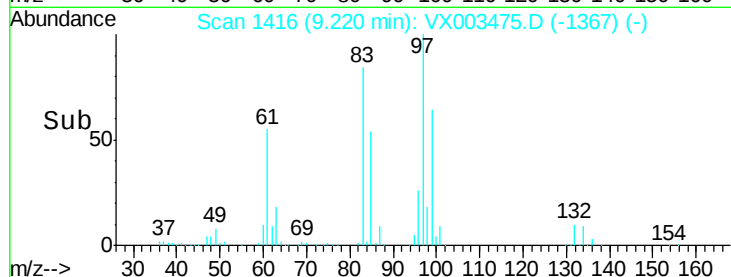
Abundance

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: 20.95 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

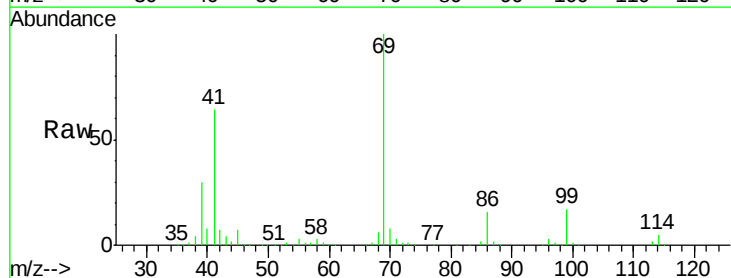
Tgt Ion: 69 Resp: 107989

Ion Ratio Lower Upper

69 100

41 62.4 60.3 90.5

39 29.8 35.8 53.8#

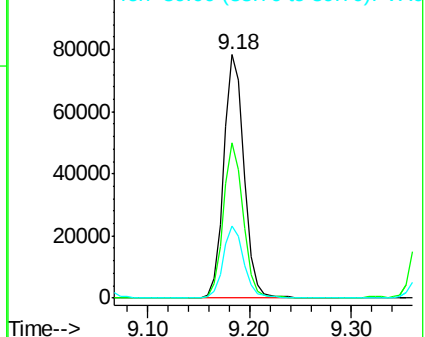
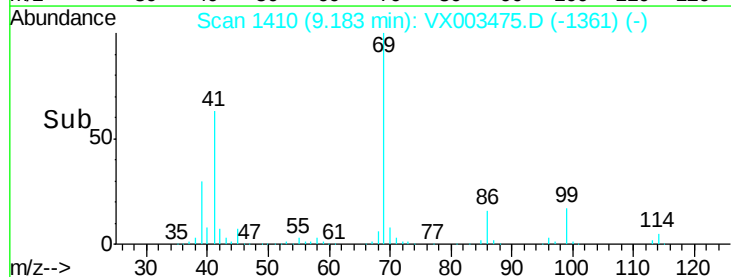


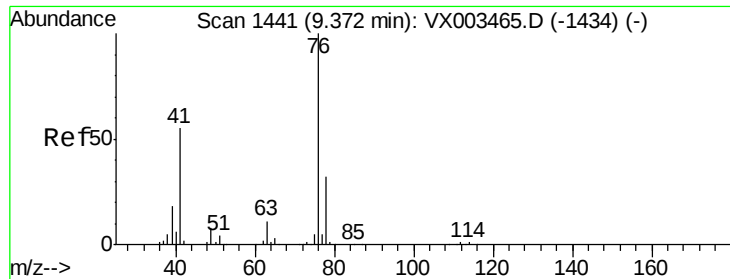
Abundance

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

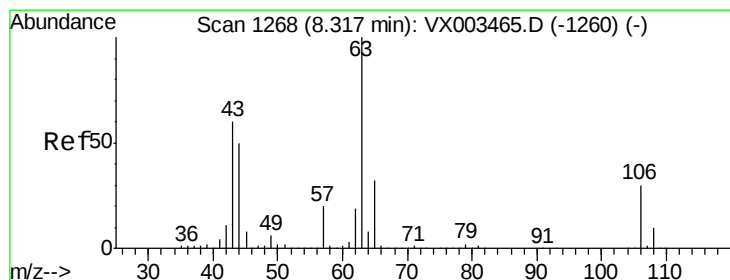
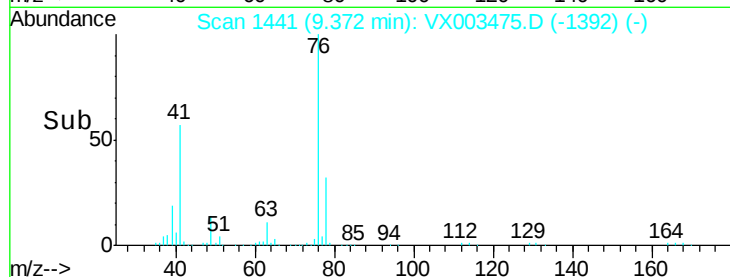
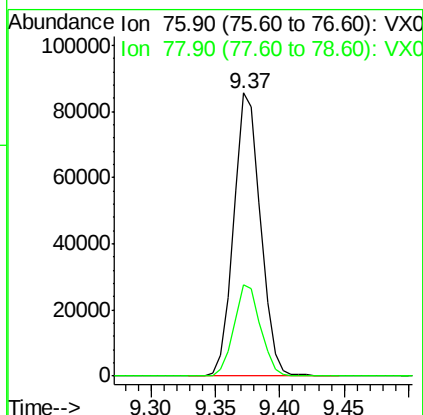
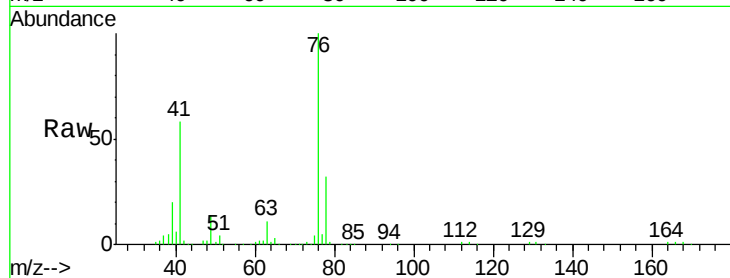




#57
 1,3-Dichloropropane
 Concen: 21.00 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

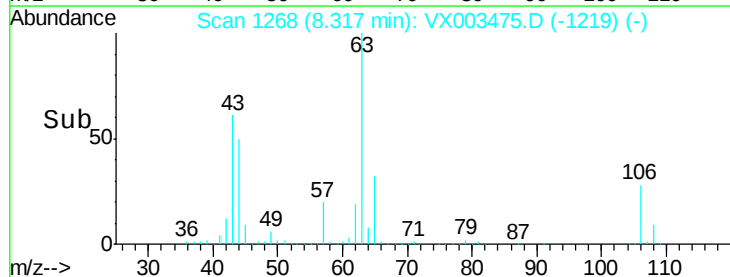
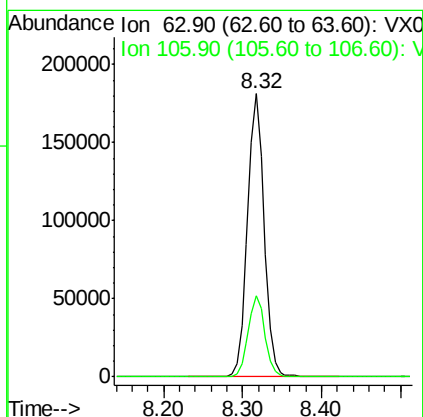
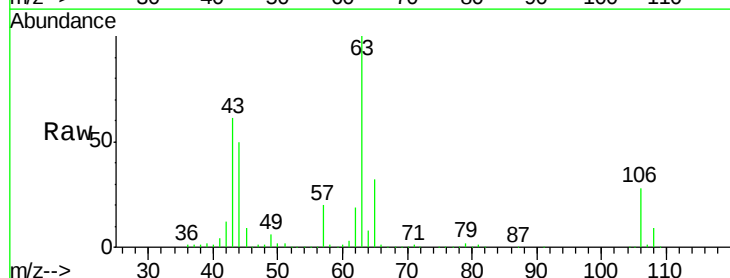
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Tot Ion: 76 Resp: 124209
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.35 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 63 Resp: 266505
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

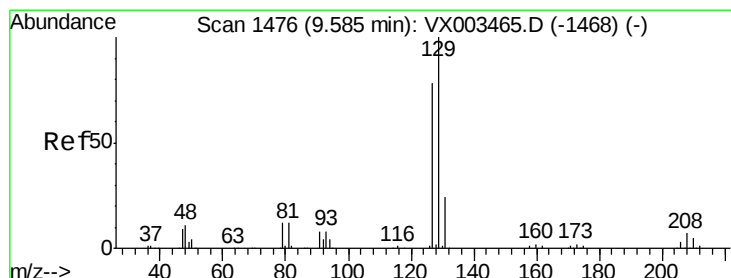
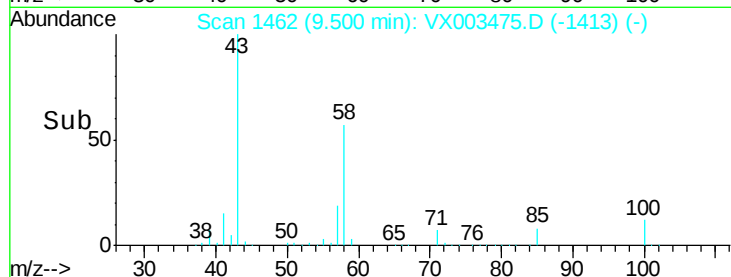
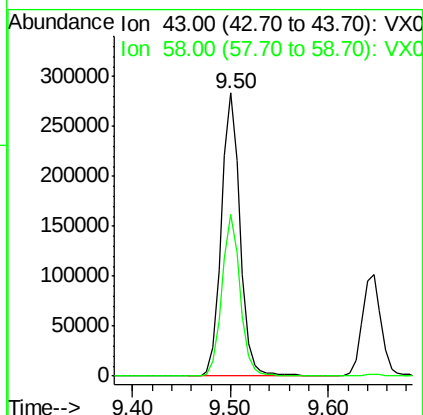
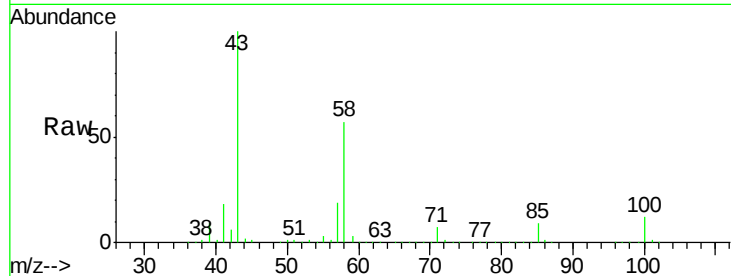




#59
2-Hexanone
Concen: 110.33 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

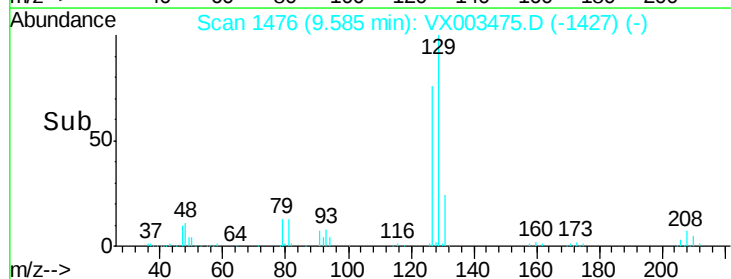
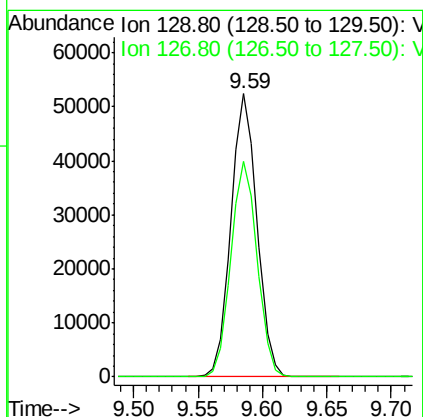
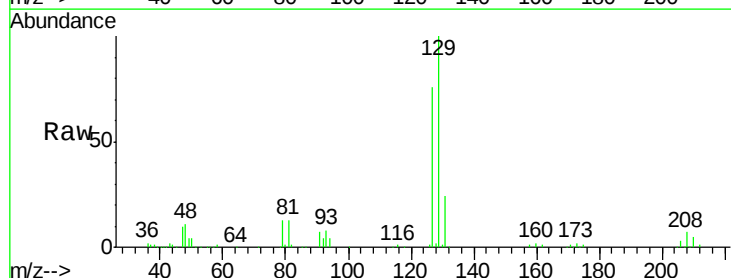
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

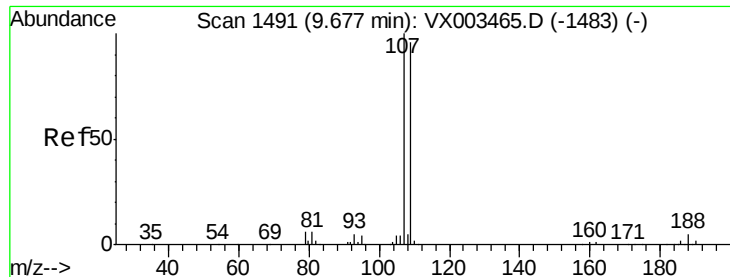
Tot Ion: 43 Resp: 376140
Ion Ratio Lower Upper
43 100
58 55.9 24.6 73.6



#60
Dibromochloromethane
Concen: 20.51 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 129 Resp: 74277
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

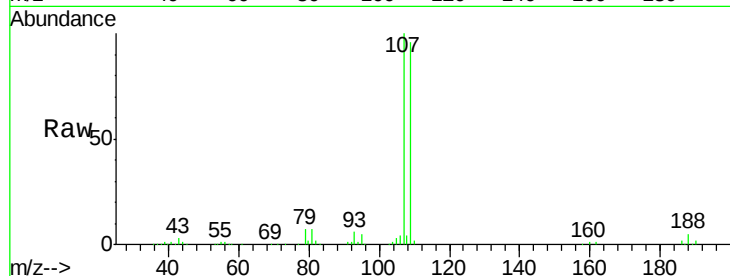
VX0719WBSD01

Tot Ion:107 Resp: 78622

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

30000

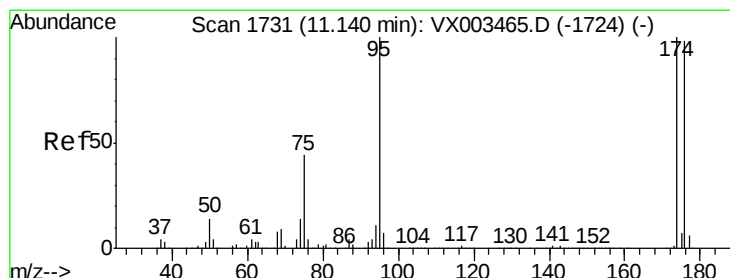
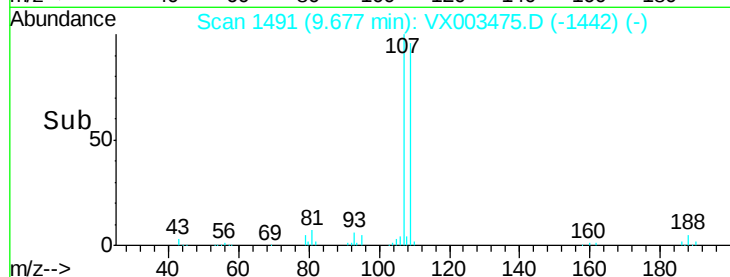
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

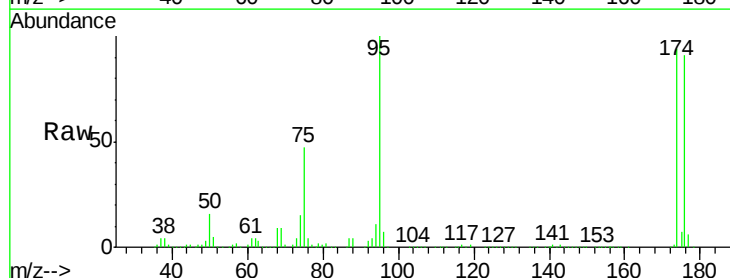
Tgt Ion: 95 Resp: 246834

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.4

176 91.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

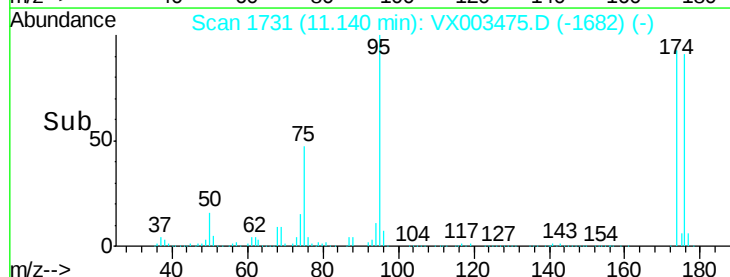
100000

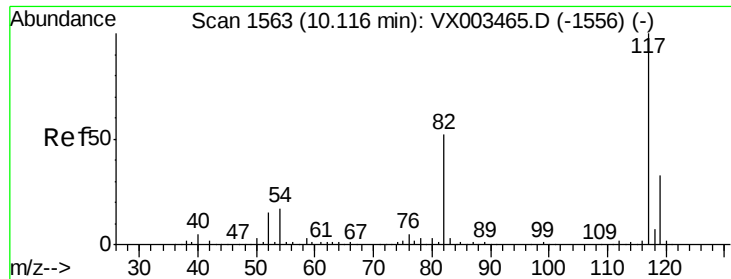
50000

0

Time-->

11.10 11.20

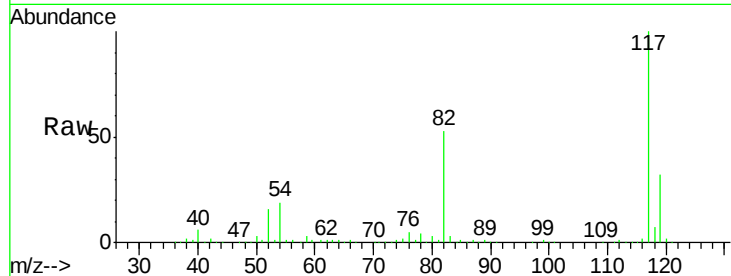




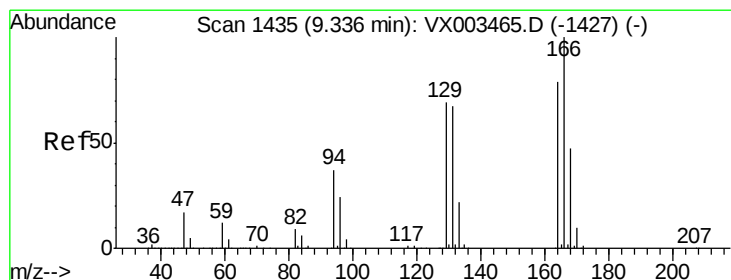
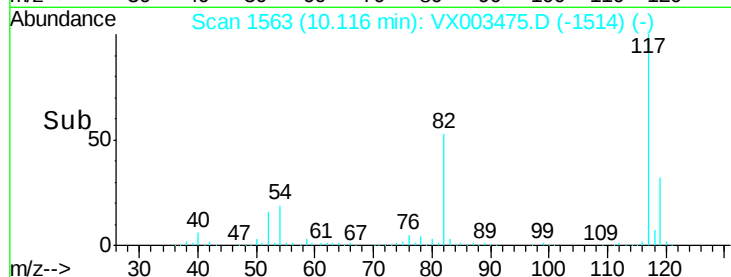
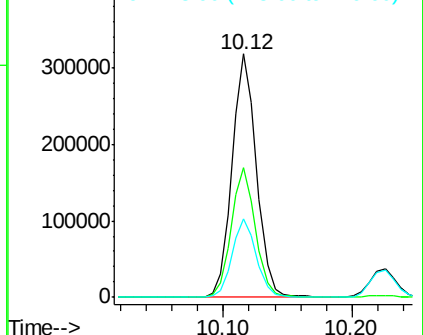
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tot Ion:117 Resp: 421364
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.1 25.8 38.6

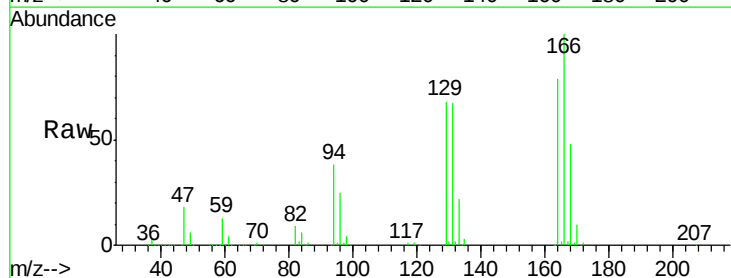


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

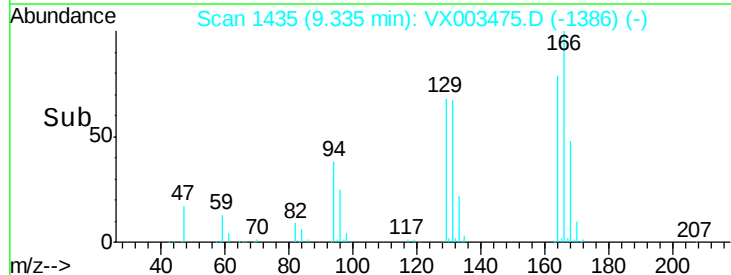
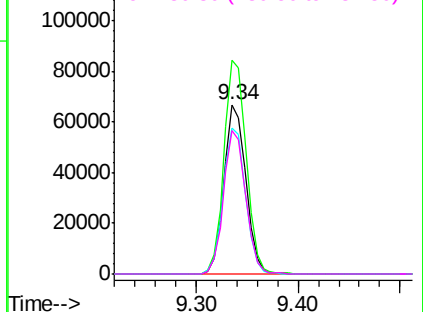


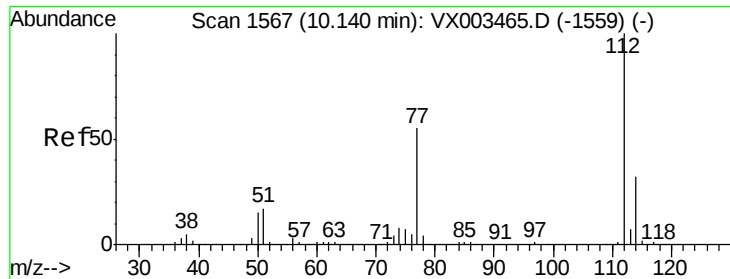
#64
Tetrachloroethene
Concen: 19.32 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion:164 Resp: 99175
Ion Ratio Lower Upper
164 100
166 126.3 102.9 154.3
129 86.4 68.6 102.8
131 84.7 66.8 100.2



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





#65

Chlorobenzene

Concen: 19.70 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

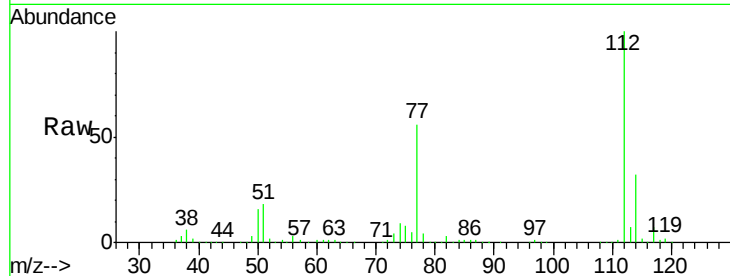
VX0719WBSD01

Tot Ion:112 Resp: 213889

Ion Ratio Lower Upper

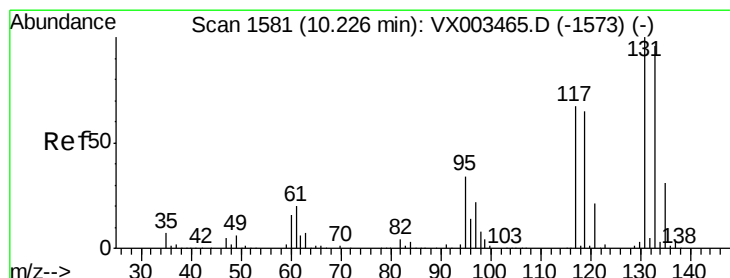
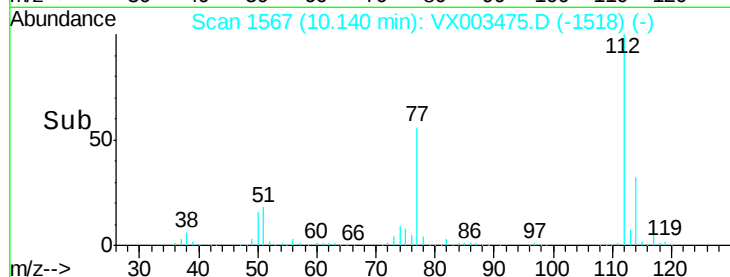
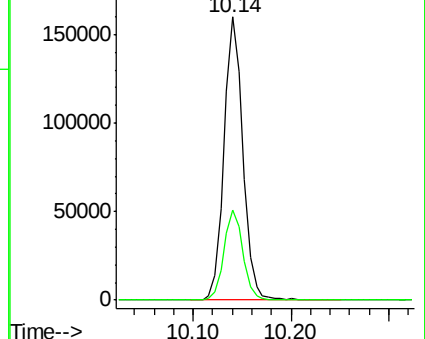
112 100

114 31.8 25.3 37.9



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: 19.84 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

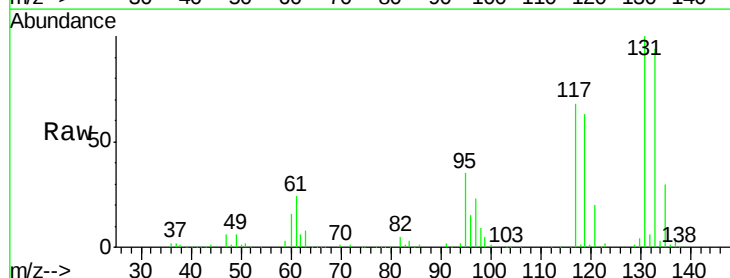
Tgt Ion:131 Resp: 74115

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

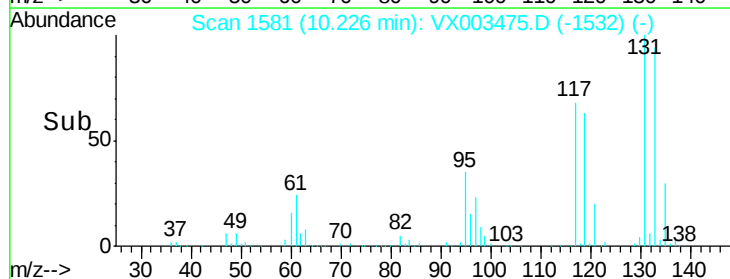
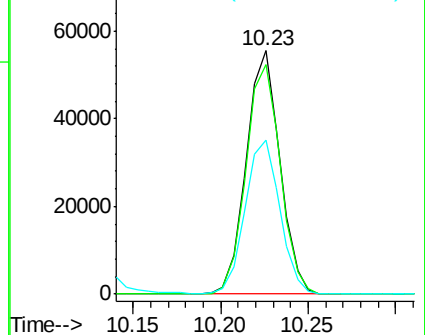
119 65.9 31.8 95.3

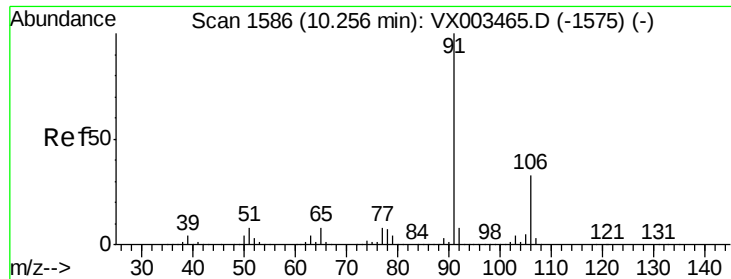


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

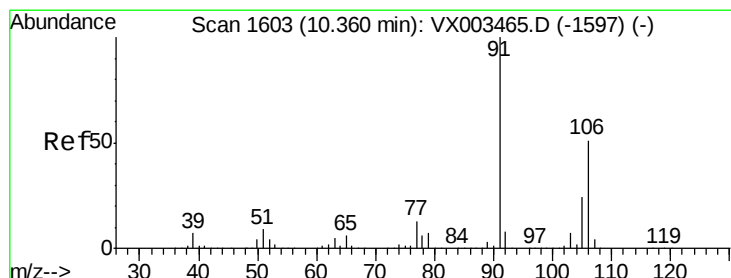
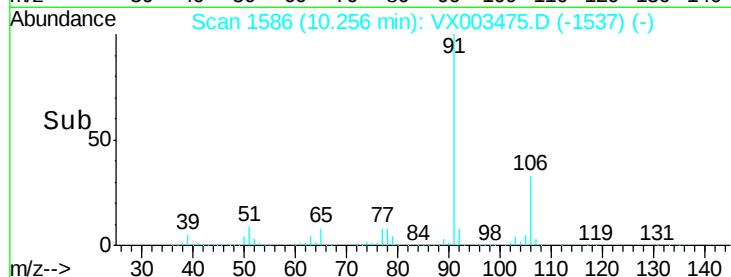
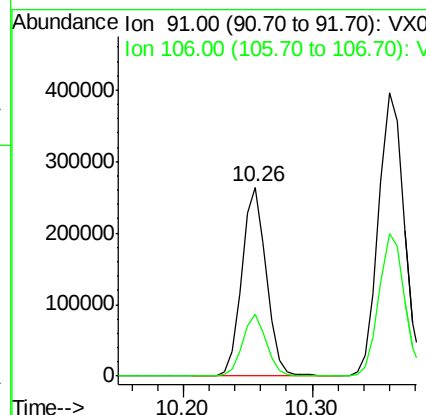
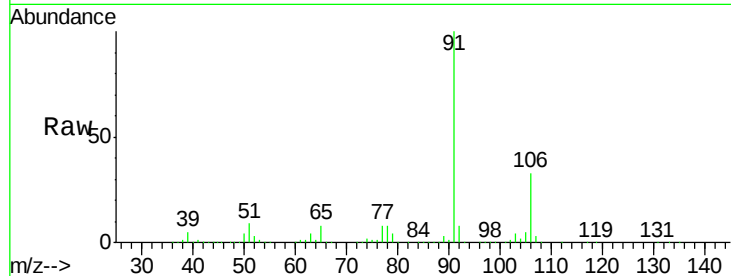




#67
Ethyl Benzene
Concen: 20.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

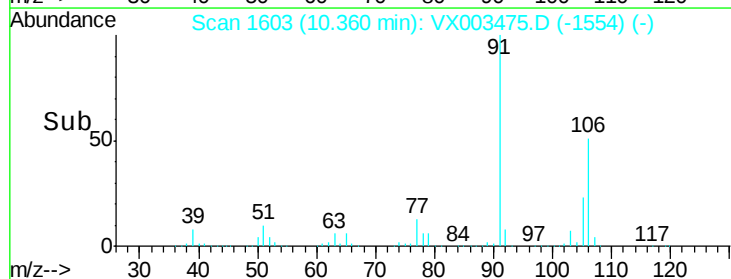
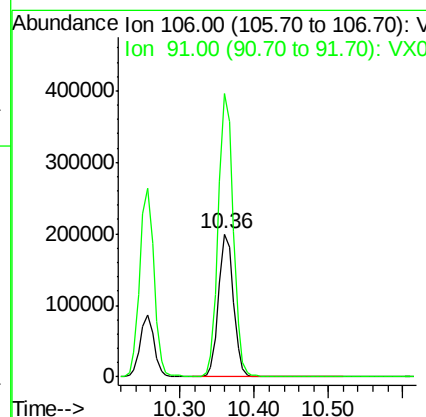
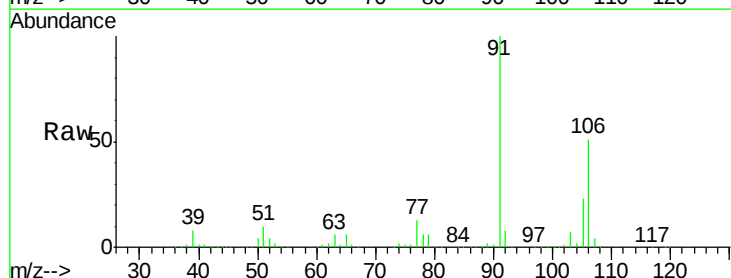
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

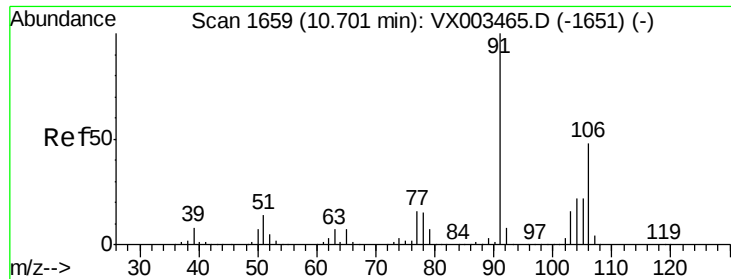
Tot Ion: 91 Resp: 349753
Ion Ratio Lower Upper
91 100
106 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 40.07 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 106 Resp: 274243
Ion Ratio Lower Upper
106 100
91 199.0 163.4 245.2

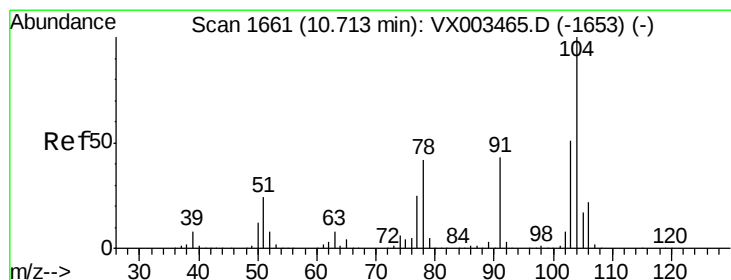
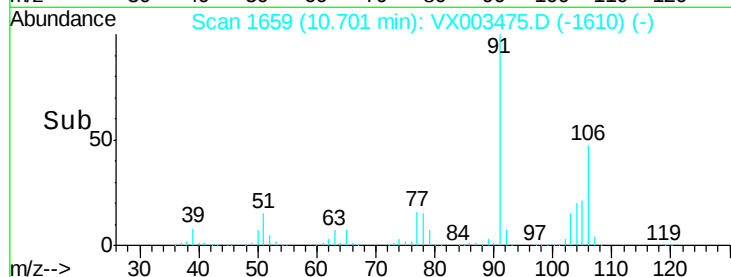
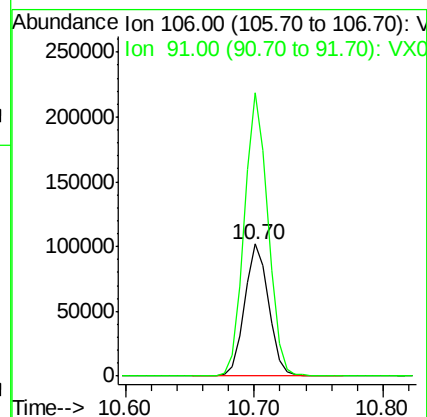
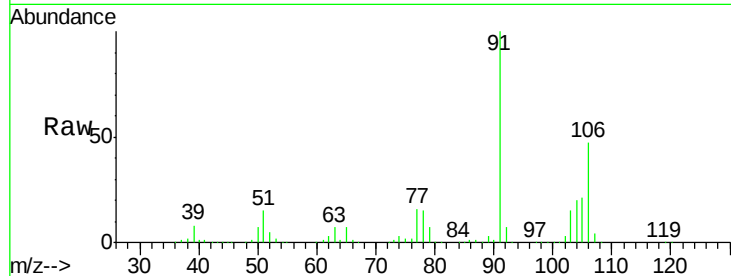




#69
o-Xylene
Concen: 19.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

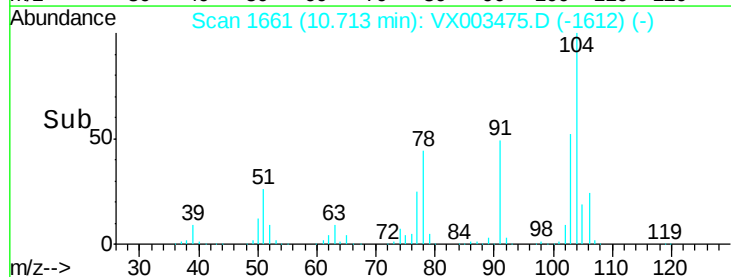
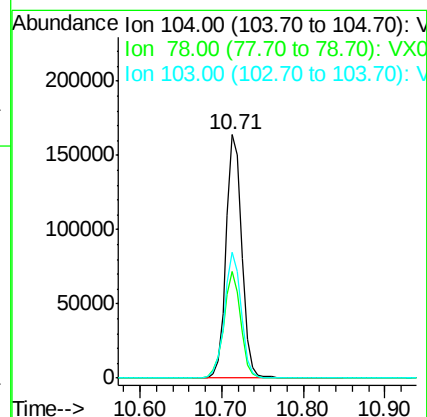
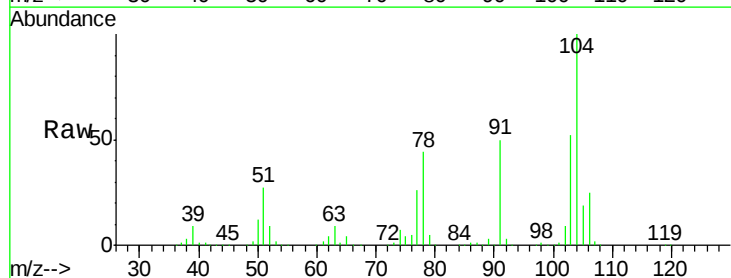
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

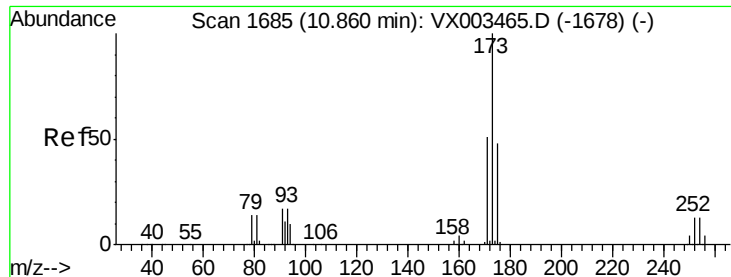
Tot Ion:106 Resp: 131387
Ion Ratio Lower Upper
106 100
91 211.8 108.2 324.6



#70
Styrene
Concen: 20.34 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion:104 Resp: 221433
Ion Ratio Lower Upper
104 100
78 47.3 41.0 61.6
103 55.1 44.2 66.4





#71

Bromoform

Concen: 19.33 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

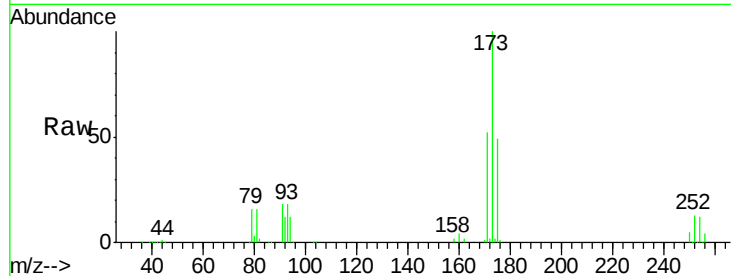
Tot Ion:173 Resp: 56095

Ion Ratio Lower Upper

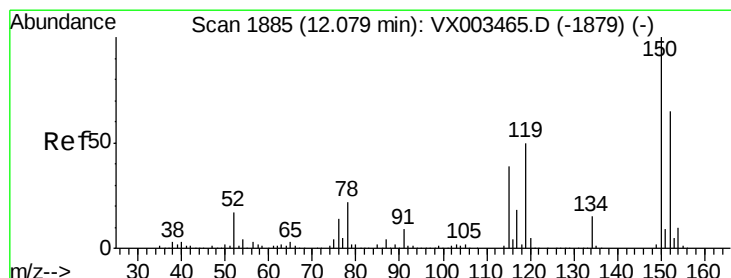
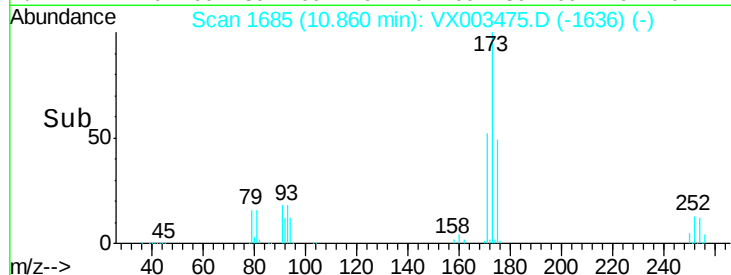
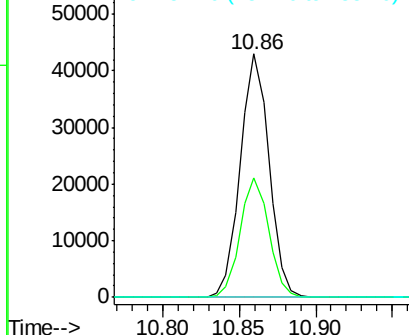
173 100

175 49.0 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

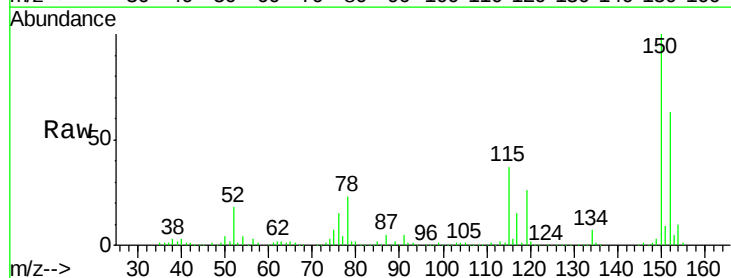
Tgt Ion:152 Resp: 249467

Ion Ratio Lower Upper

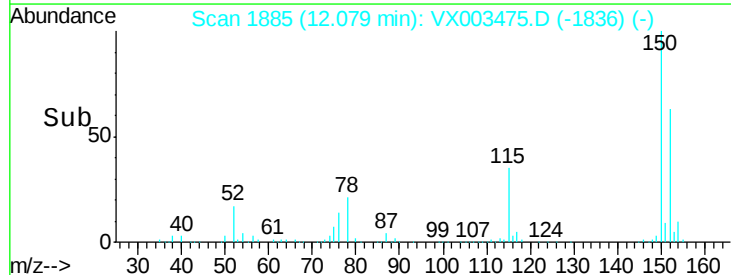
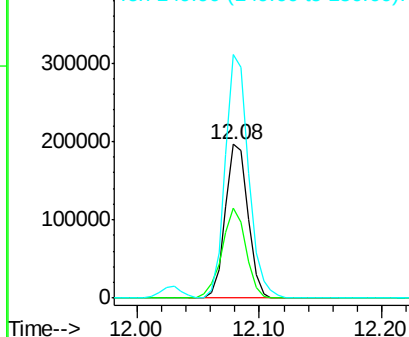
152 100

115 63.0 40.1 120.2

150 163.0 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.47 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

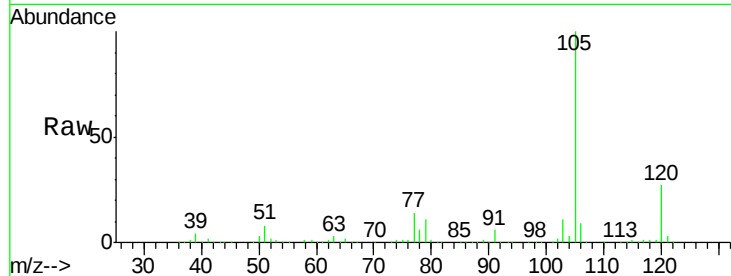
VX0719WBSD01

Tot Ion:105 Resp: 353161

Ion Ratio Lower Upper

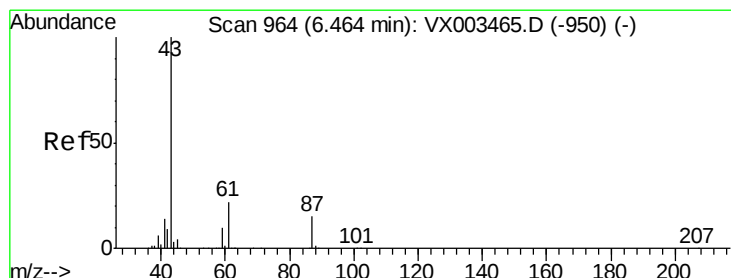
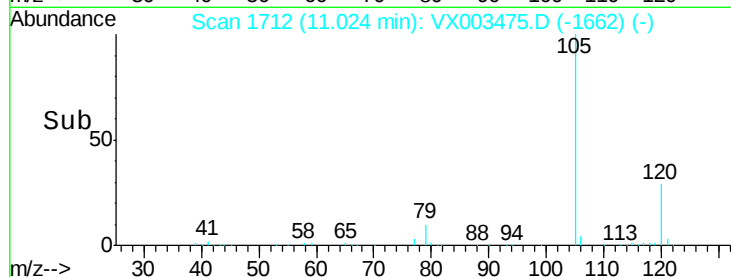
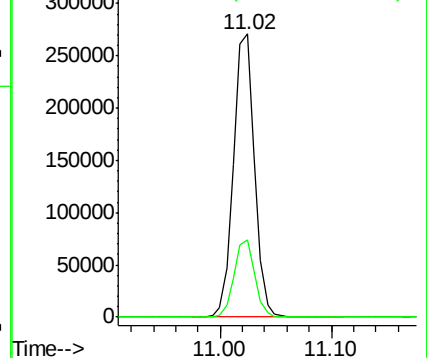
105 100

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: 20.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Tgt Ion: 43 Resp: 152721

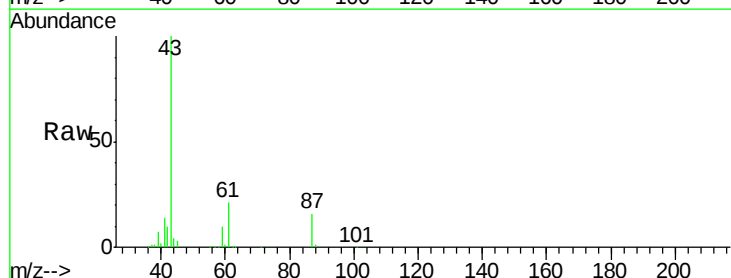
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 21.0 14.4 21.6

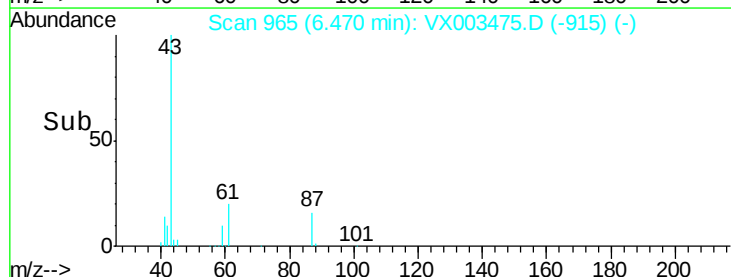
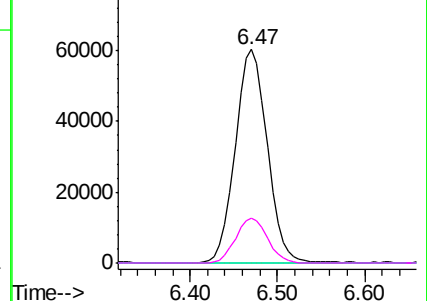


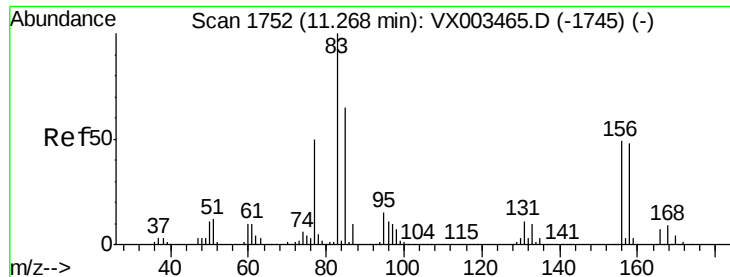
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.96 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

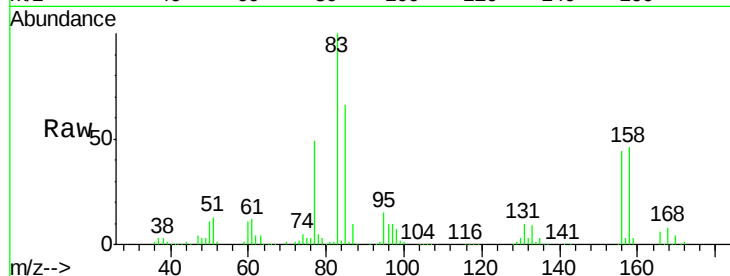
Tot Ion: 83 Resp: 105977

Ion Ratio Lower Upper

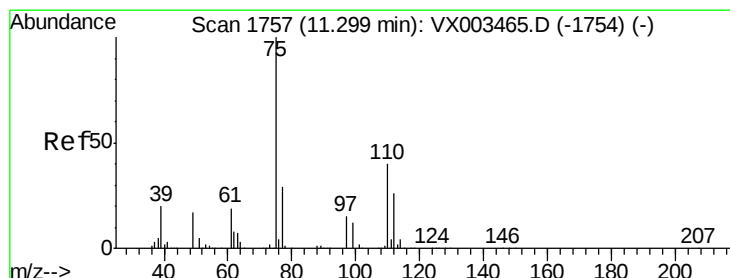
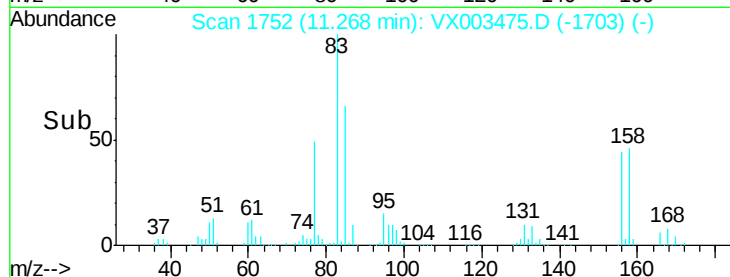
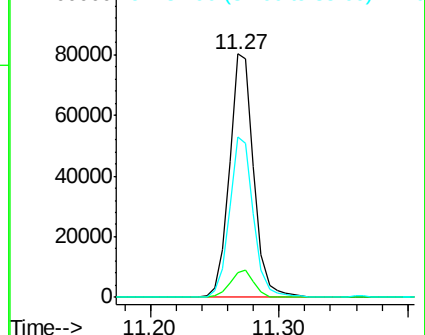
83 100

131 10.8 5.6 16.8

85 65.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.54 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003475.D

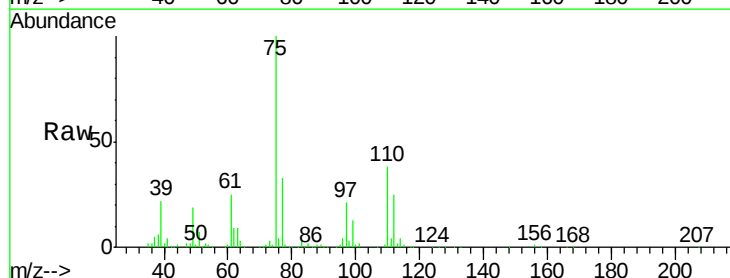
Acq: 19 Jul 2018 21:01

Tgt Ion: 75 Resp: 118955

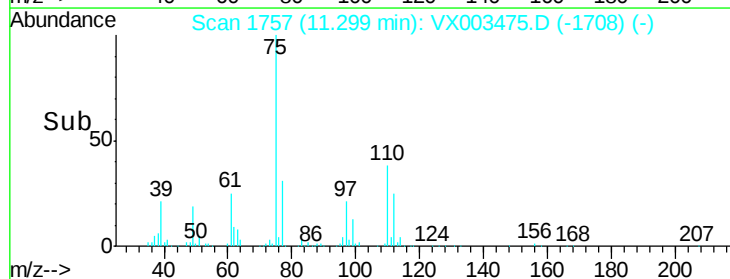
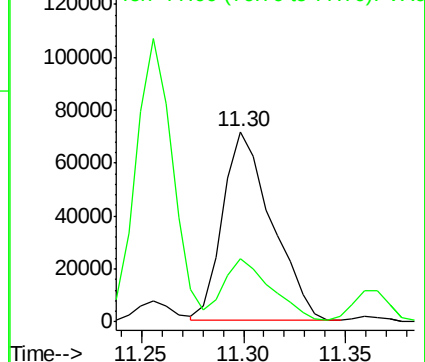
Ion Ratio Lower Upper

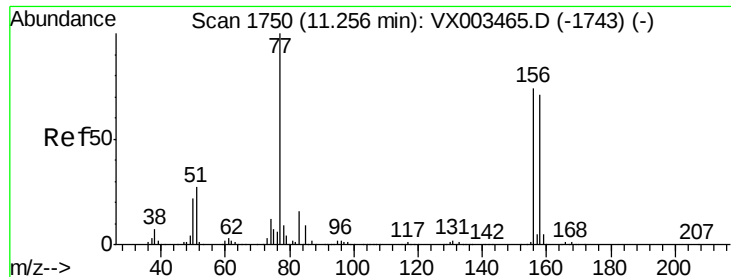
75 100

77 33.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.75 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

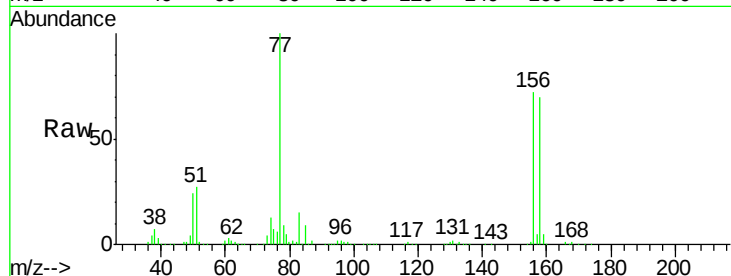
Tot Ion:156 Resp: 98026

Ion Ratio Lower Upper

156 100

77 137.6 71.4 214.2

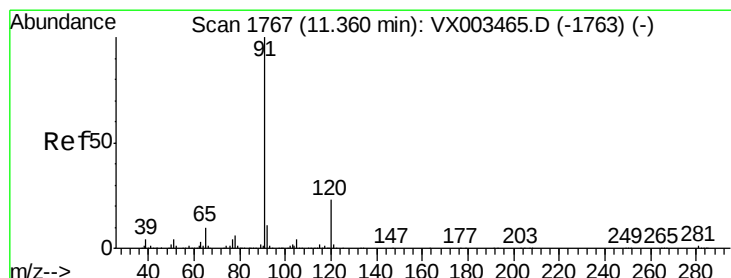
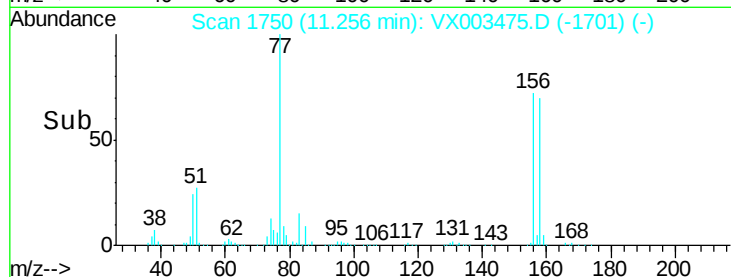
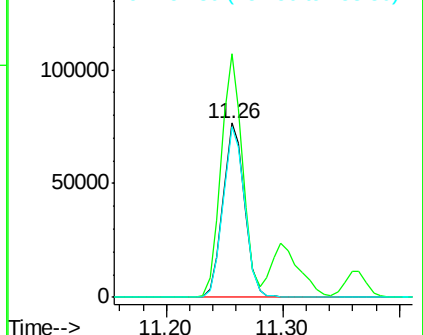
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.68 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003475.D

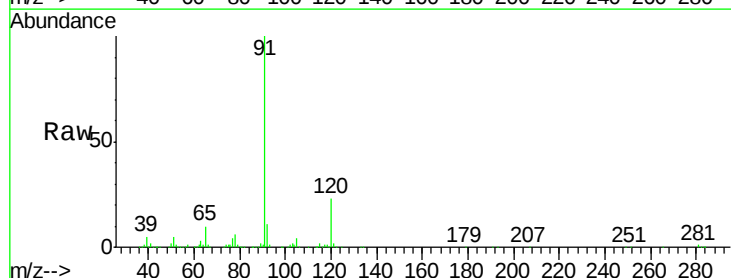
Acq: 19 Jul 2018 21:01

Tgt Ion: 91 Resp: 396533

Ion Ratio Lower Upper

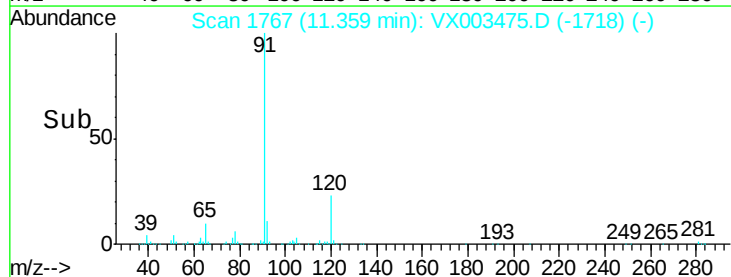
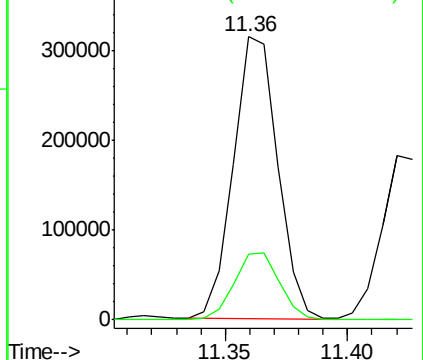
91 100

120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

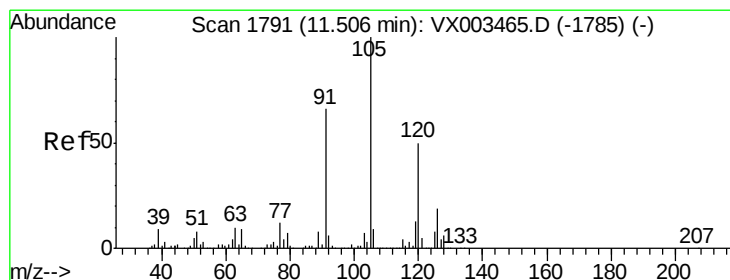
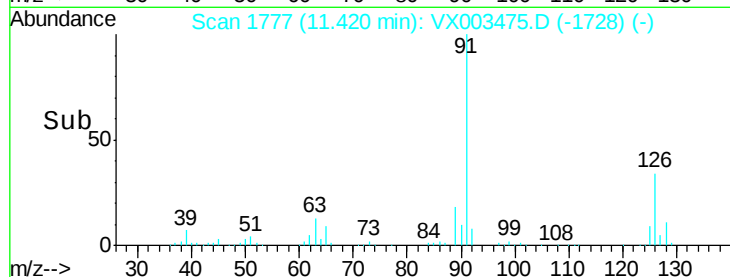
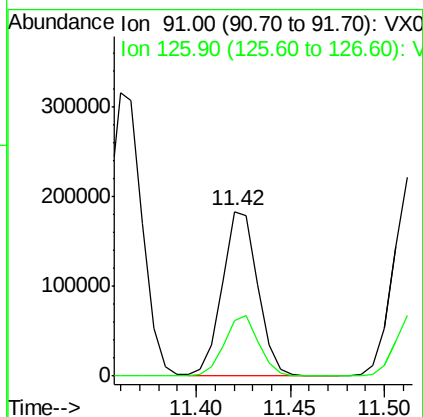
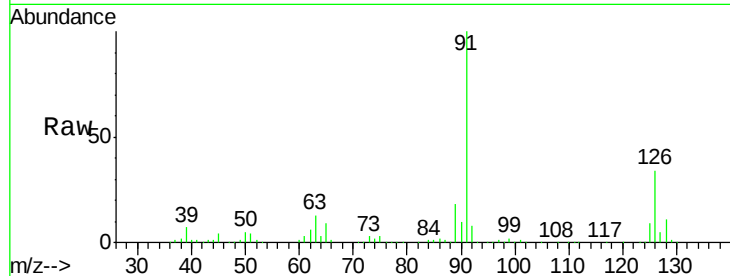




#79
 2-Chlorotoluene
 Concen: 20.47 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

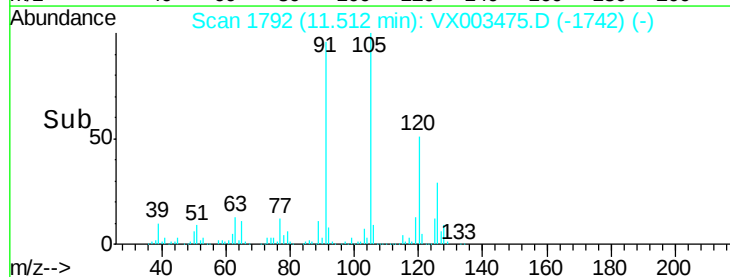
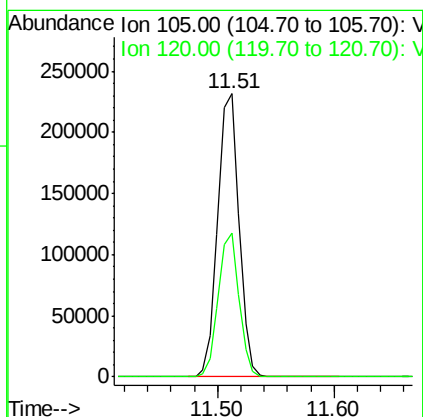
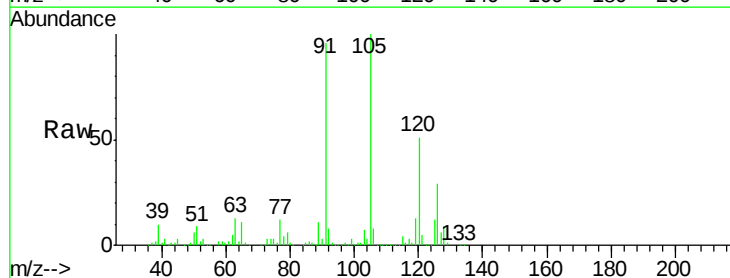
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

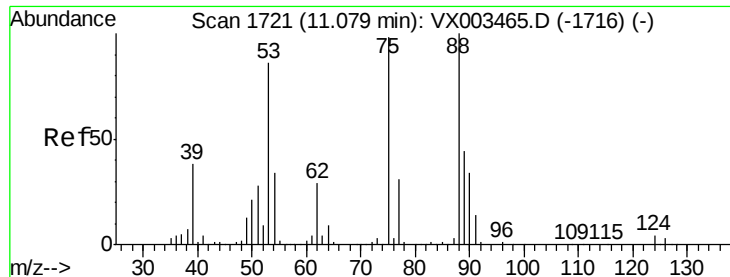
Tot Ion: 91 Resp: 238317
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.54 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 105 Resp: 291218
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

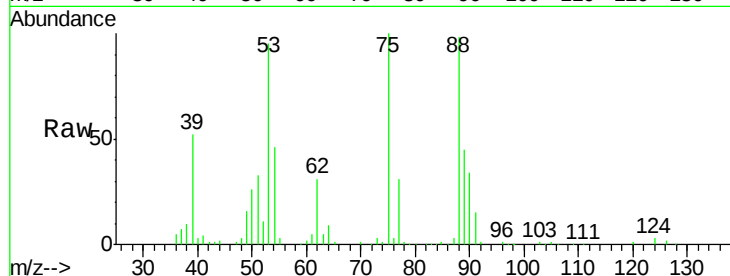
Tot Ion: 75 Resp: 27244

Ion Ratio Lower Upper

75 100

53 99.5 86.8 130.2

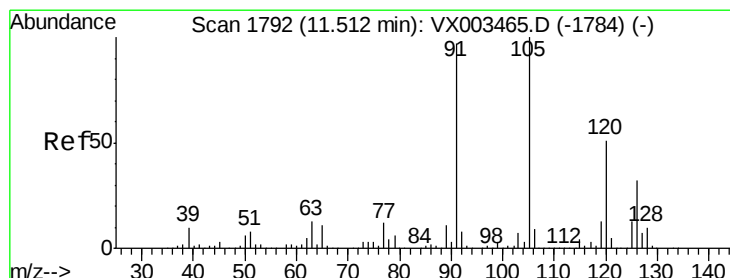
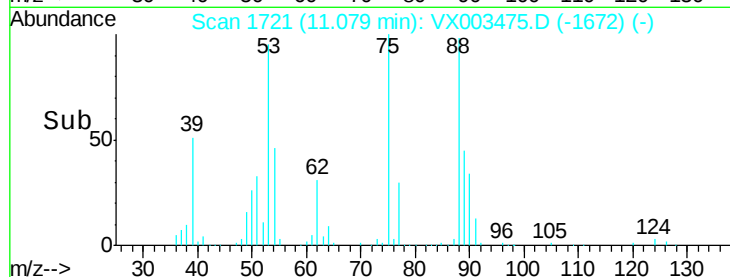
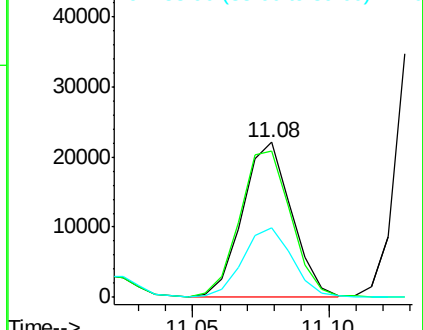
89 46.5 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003475.D

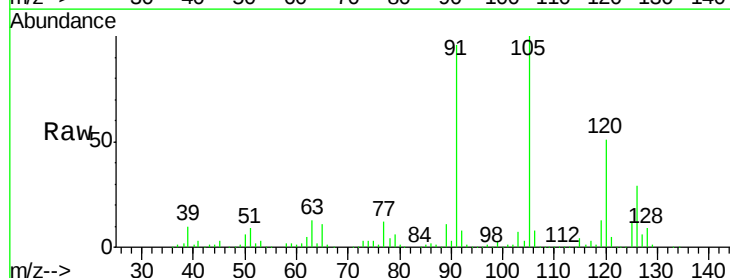
Acq: 19 Jul 2018 21:01

Tgt Ion: 91 Resp: 276986

Ion Ratio Lower Upper

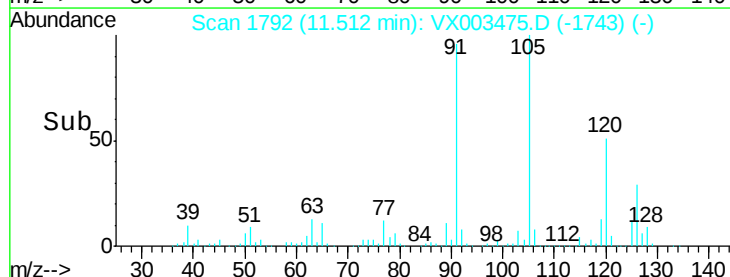
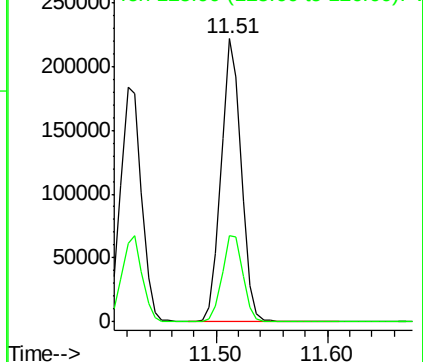
91 100

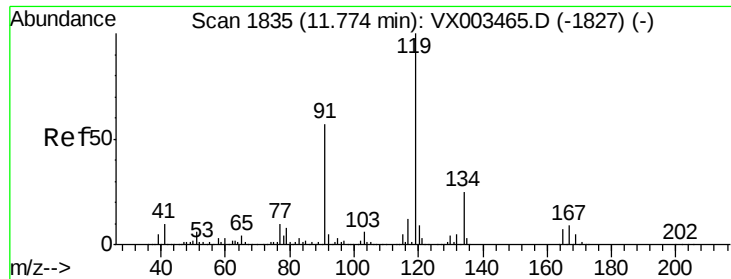
126 31.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

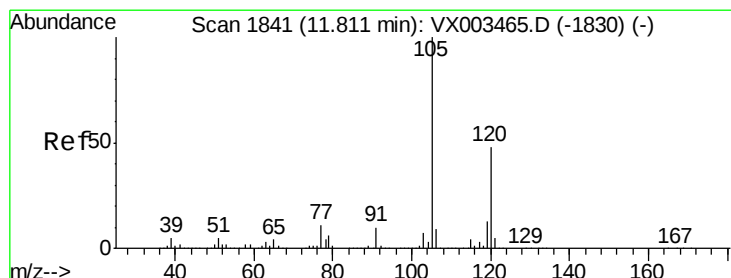
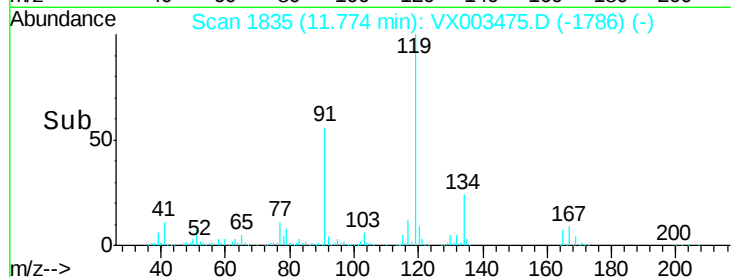
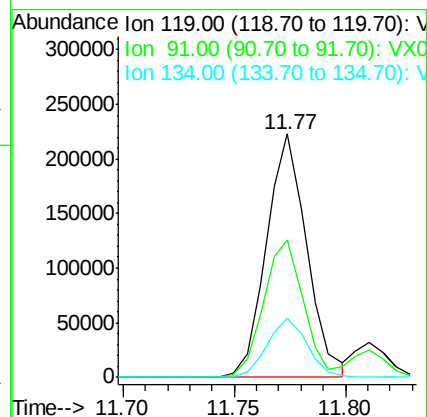
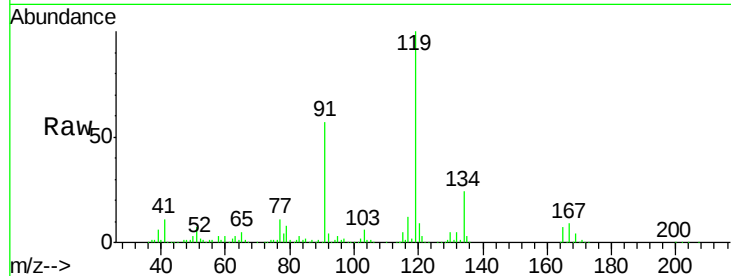




#83
tert-Butylbenzene
Concen: 20.19 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

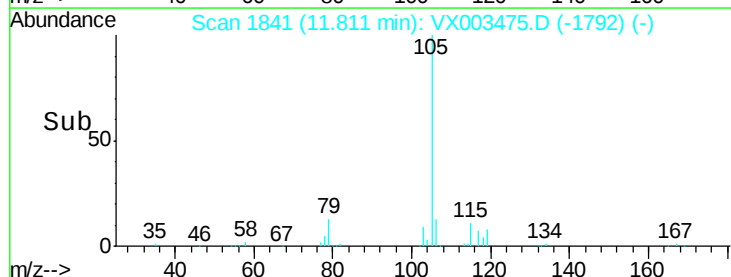
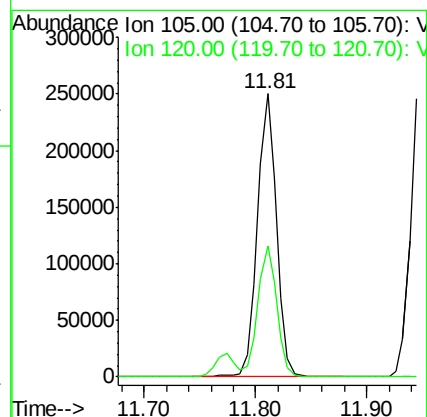
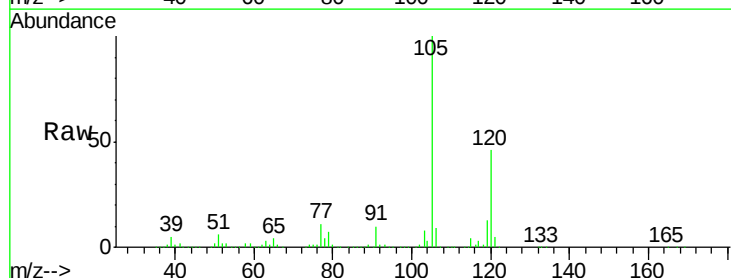
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

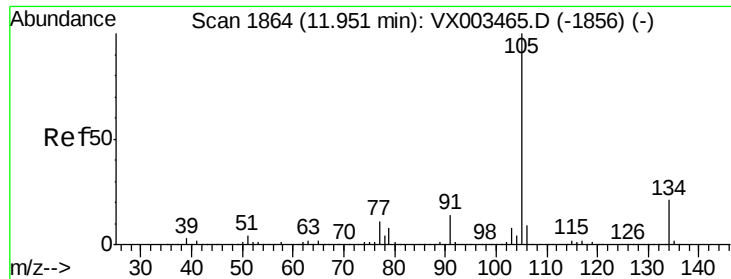
Tot Ion:119 Resp: 280358
Ion Ratio Lower Upper
119 100
91 55.4 30.3 90.9
134 24.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.70 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion:105 Resp: 298684
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.18 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

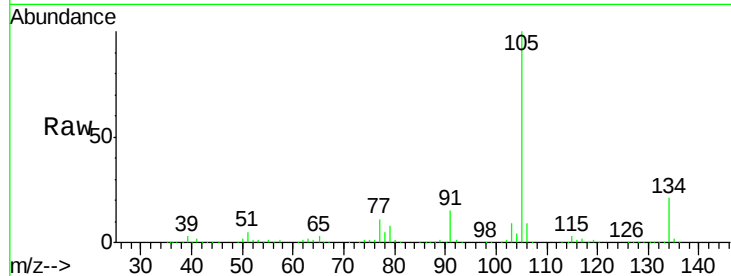
VX0719WBSD01

Tot Ion:105 Resp: 340435

Ion Ratio Lower Upper

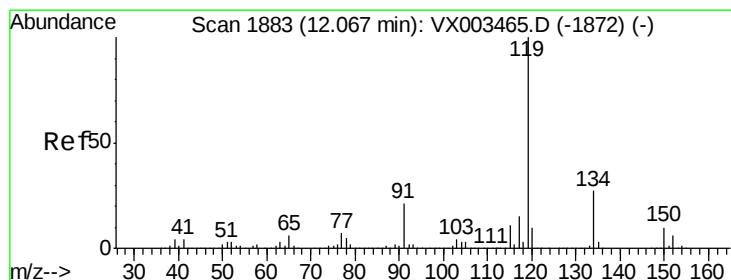
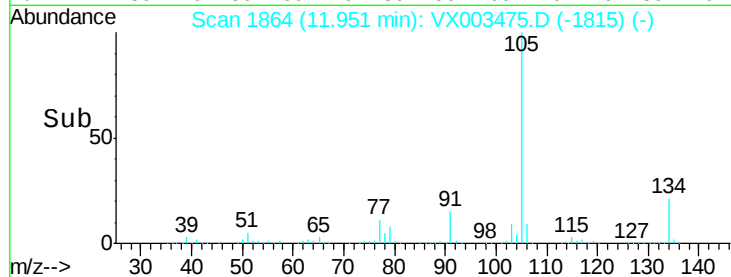
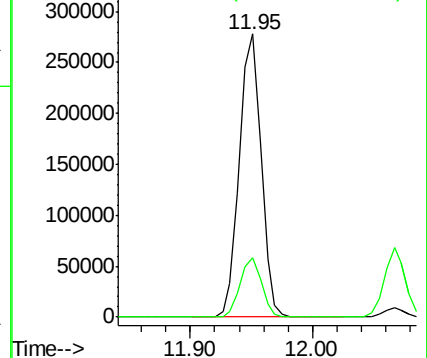
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003475.D

Acq: 19 Jul 2018 21:01

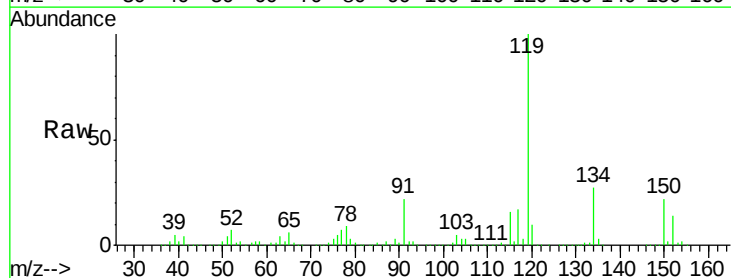
Tgt Ion:119 Resp: 305718

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

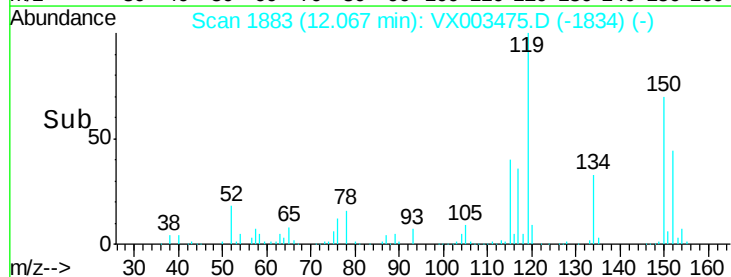
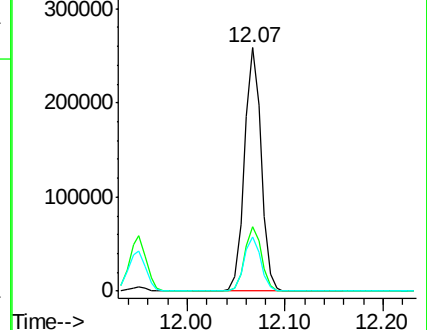
91 22.1 11.9 35.7

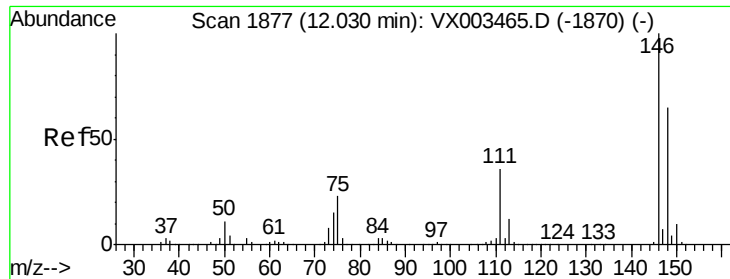


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

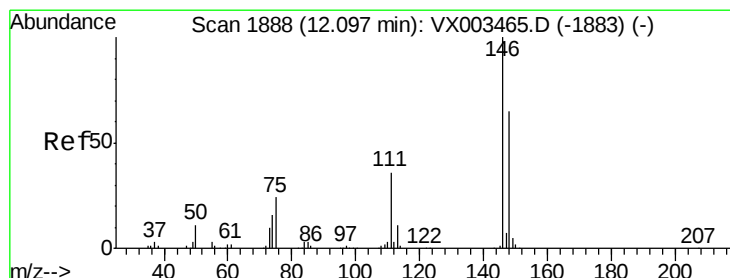
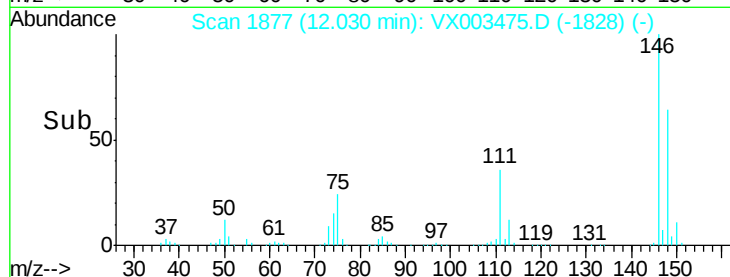
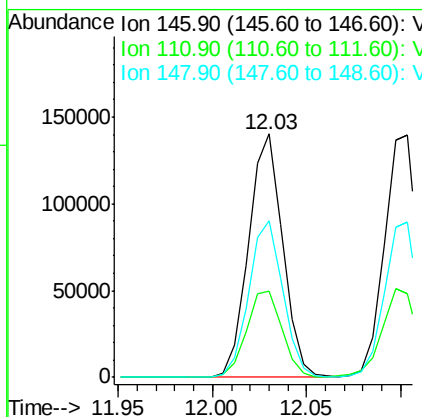
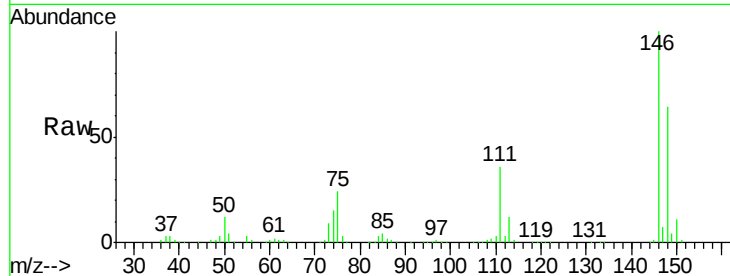




#87
 1,3-Dichlorobenzene
 Concen: 19.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

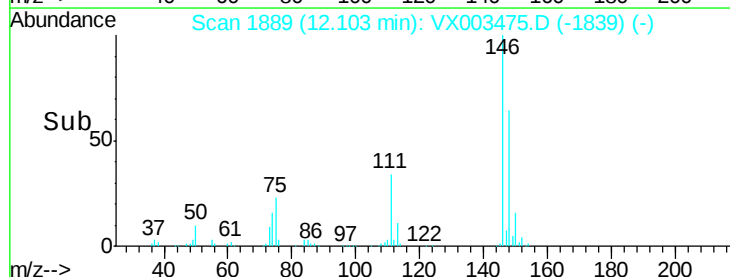
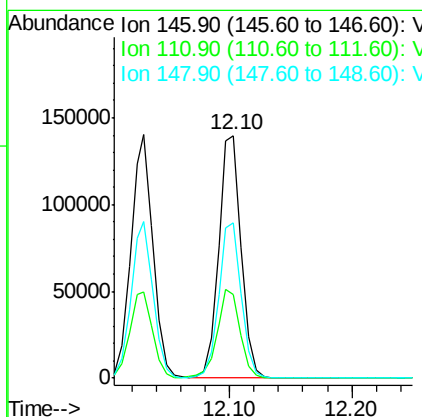
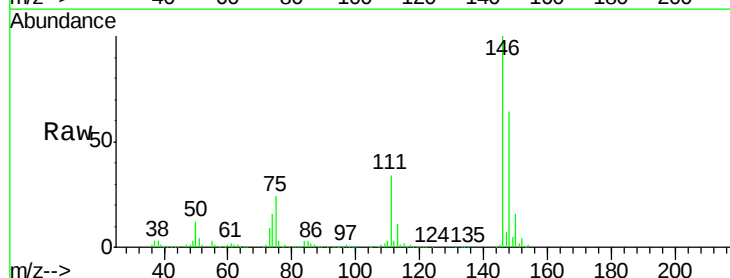
Instrument :
 MSVOA_X
 ClientSampled :
 VX0719WBSD01

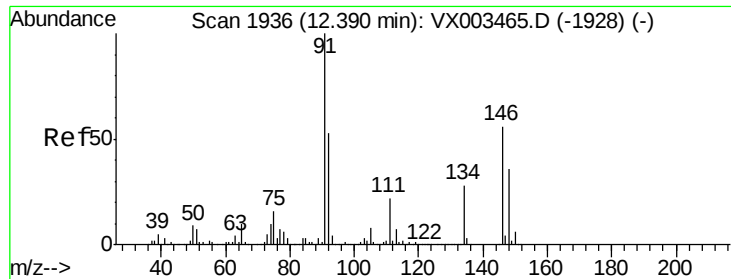
Tot Ion:146 Resp: 175986
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.97 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion:146 Resp: 178218
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 64.1 32.4 97.0

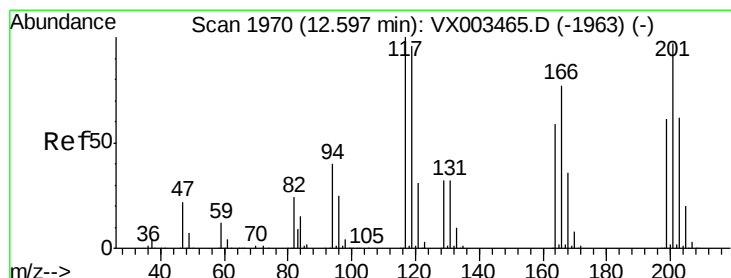
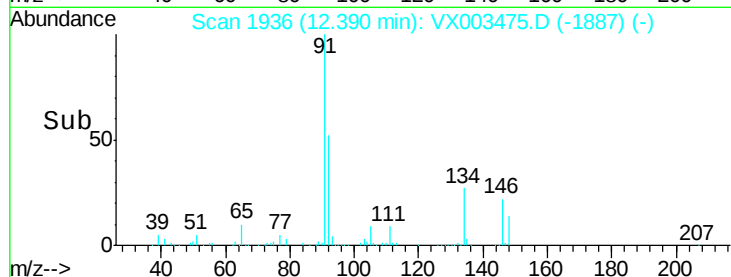
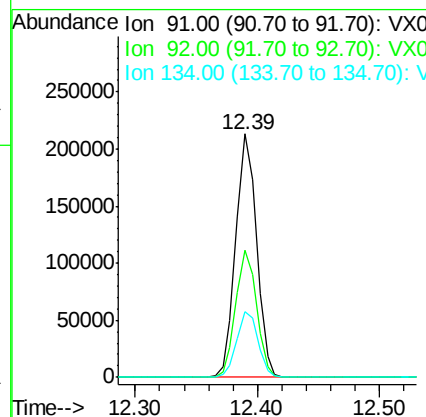
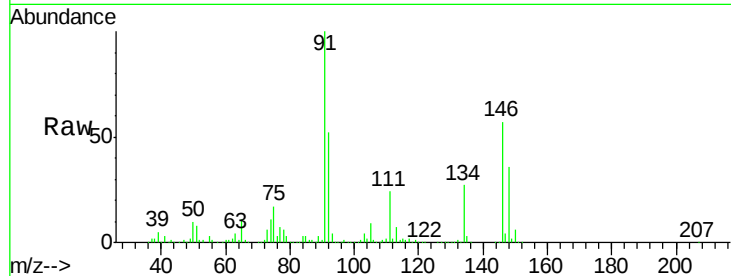




#89
n-Butylbenzene
Concen: 19.47 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

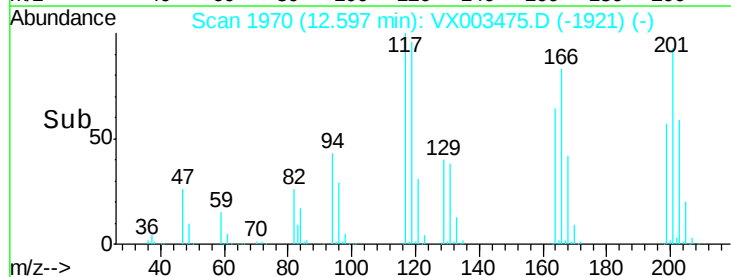
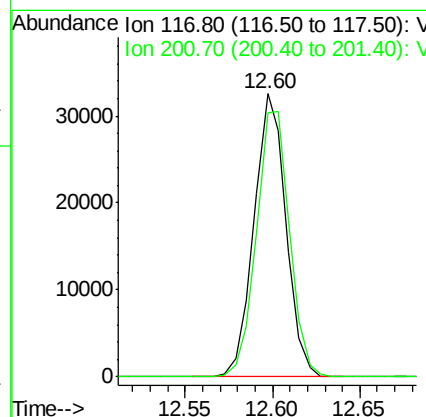
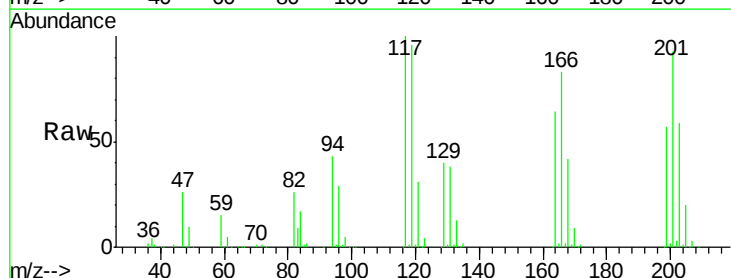
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

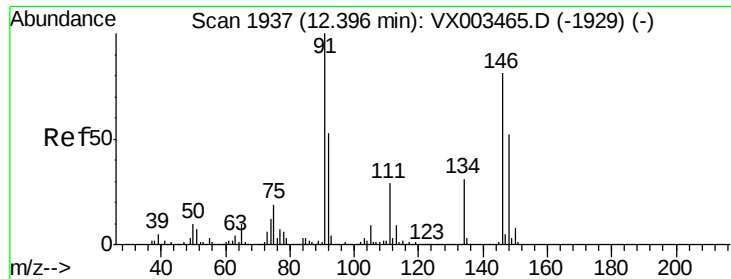
Tot Ion: 91 Resp: 250284
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 27.7 13.5 40.5



#90
Hexachloroethane
Concen: 19.24 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion: 117 Resp: 41393
Ion Ratio Lower Upper
117 100
201 98.1 49.0 147.0

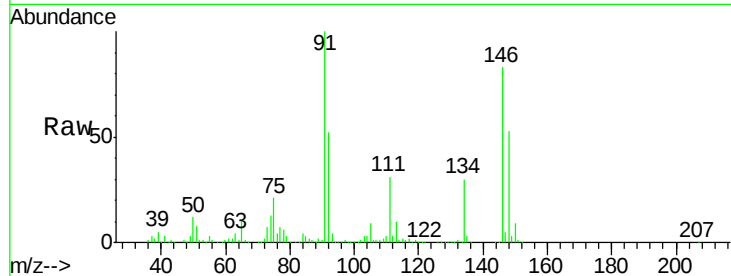




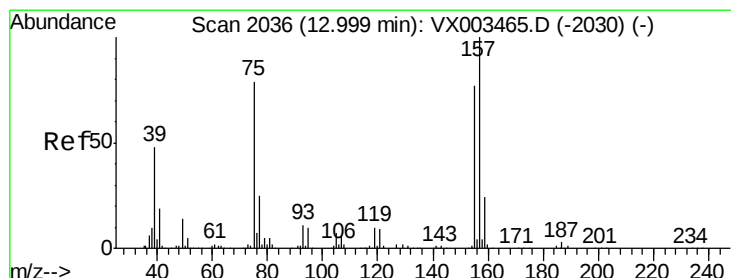
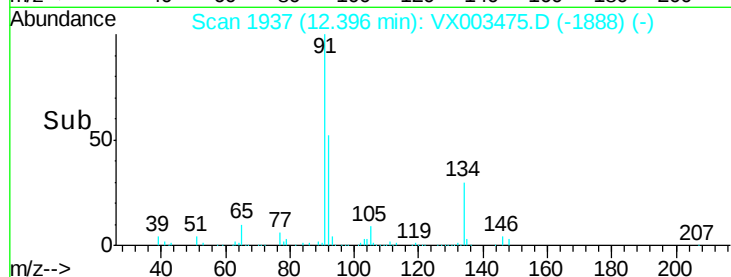
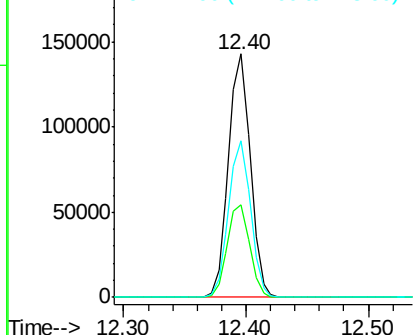
#91
 1,2-Dichlorobenzene
 Concen: 19.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Tot Ion:146 Resp: 177334
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.6 31.7 95.1

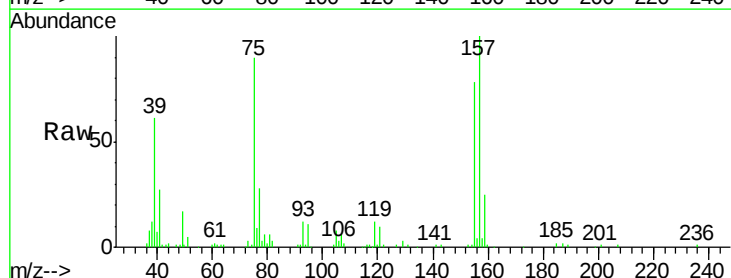


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

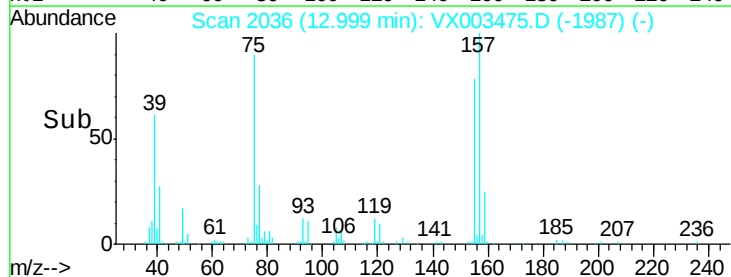
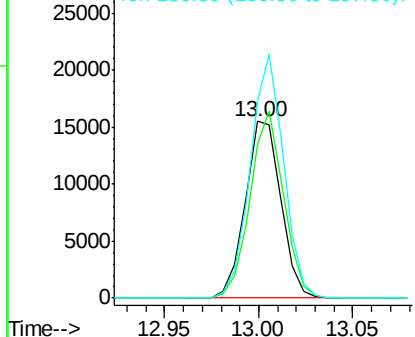


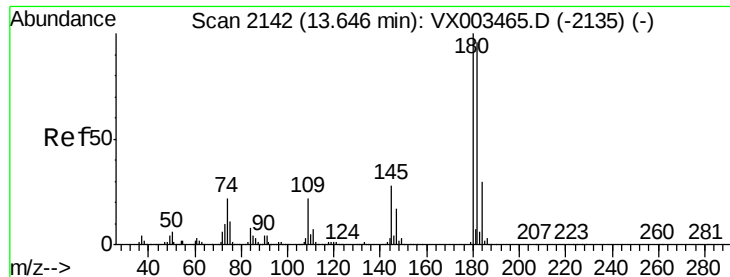
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.62 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion: 75 Resp: 20292
 Ion Ratio Lower Upper
 75 100
 155 99.4 45.8 137.4
 157 128.6 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

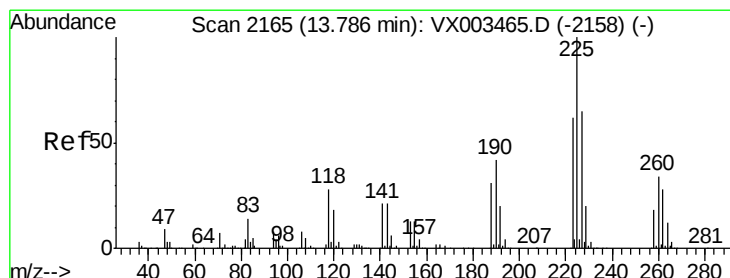
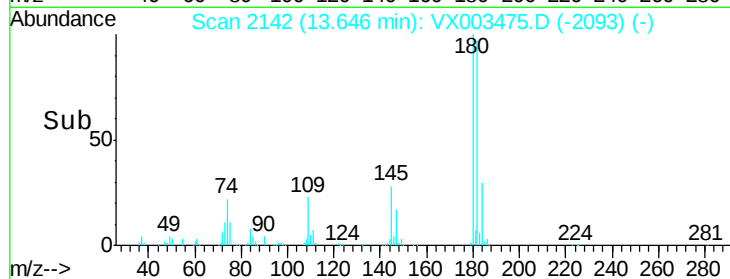
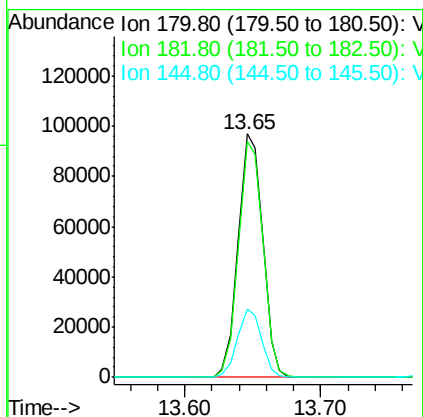
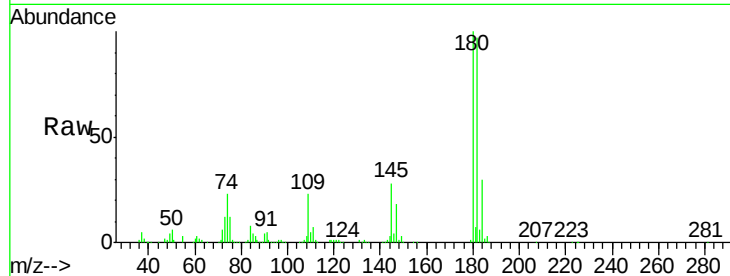




#93
 1,2,4-Trichlorobenzene
 Concen: 18.51 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

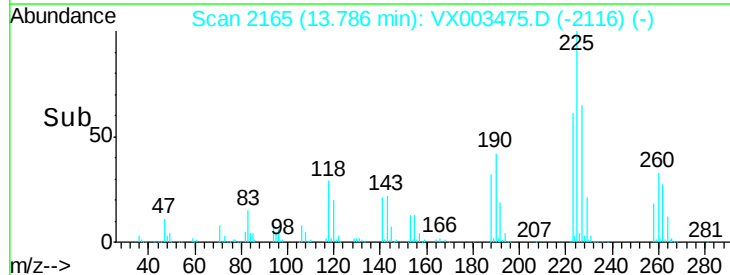
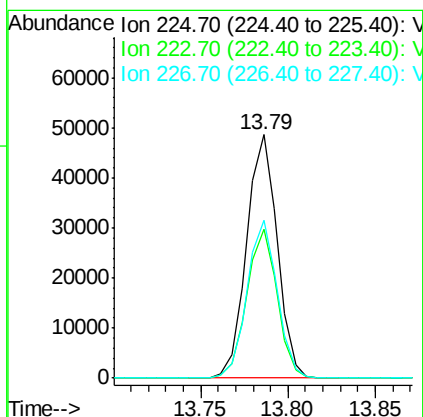
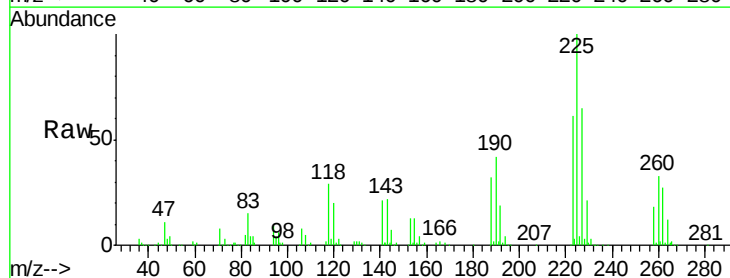
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

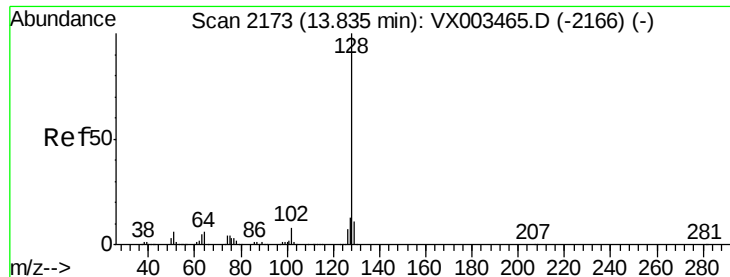
Tot Ion:180 Resp: 121950
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003475.D
 Acq: 19 Jul 2018 21:01

Tgt Ion:225 Resp: 59025
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.6 95.0
 227 63.7 32.4 97.2

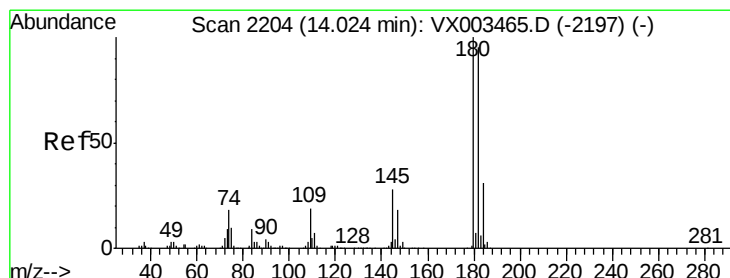
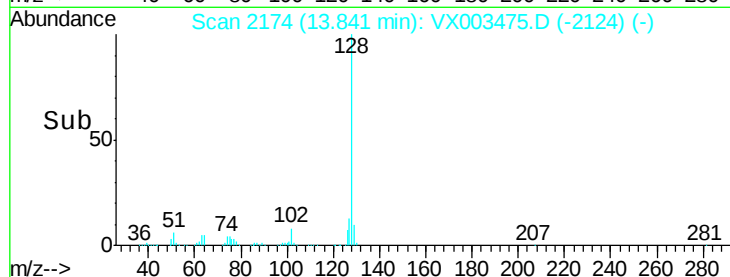
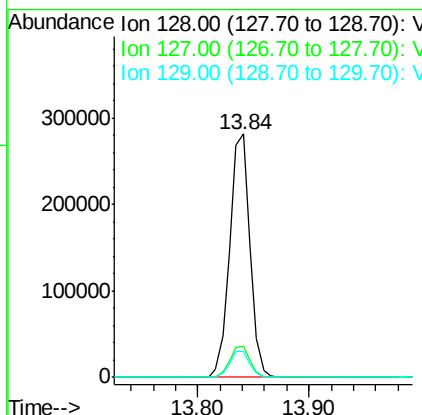
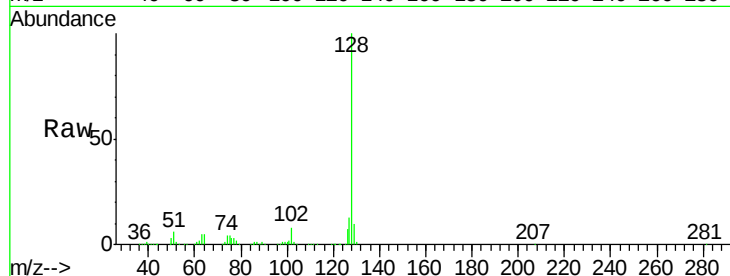




#95
Naphthalene
Concen: 20.35 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tot Ion:128 Resp: 352400
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.07 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003475.D
Acq: 19 Jul 2018 21:01

Tgt Ion:180 Resp: 124405
Ion Ratio Lower Upper
180 100
182 97.1 48.0 144.0
145 29.9 14.8 44.3

