

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010808.D
 Acq On : 11 Jul 2019 15:37
 Operator : JC/SP
 Sample : VX0711WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

Quant Time: Jul 12 06:54:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108804	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	5.50	113	102215	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	375520	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	138454	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34684	22.634	ug/l	100
3) Chloromethane	1.33	50	36588	20.505	ug/l	98
4) Vinyl Chloride	1.41	62	39761	20.344	ug/l	99
5) Bromomethane	1.64	94	23782	24.977	ug/l	100
6) Chloroethane	1.72	64	25755	22.336	ug/l	97
7) Trichlorofluoromethane	1.93	101	66437	21.444	ug/l	97
8) Diethyl Ether	2.19	74	23955	21.560	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39397	20.983	ug/l	98
10) Methyl Iodide	2.51	142	48577	18.129	ug/l	95
11) Tert butyl alcohol	3.05	59	48832	90.302	ug/l	97
12) 1,1-Dichloroethene	2.37	96	38340	20.068	ug/l	98
13) Acrolein	2.29	56	27074	75.472	ug/l	100
14) Allyl chloride	2.73	41	56496	20.829	ug/l	98
15) Acrylonitrile	3.14	53	113127	105.662	ug/l	99
16) Acetone	2.45	43	97190	93.838	ug/l	99
17) Carbon Disulfide	2.57	76	85219	16.626	ug/l	100
18) Methyl Acetate	2.78	43	45345	21.967	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	125670	20.909	ug/l	97
20) Methylene Chloride	2.85	84	43783	20.541	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	41169	20.036	ug/l	97
22) Diisopropyl ether	3.85	45	120212	21.198	ug/l	98
23) Vinyl Acetate	3.82	43	515859	105.297	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68915	21.023	ug/l	99
25) 2-Butanone	4.67	43	152745	100.539	ug/l	96
26) 2,2-Dichloropropane	4.59	77	51571	18.110	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47017	19.801	ug/l	96
28) Bromochloromethane	5.01	49	29747	18.980	ug/l	96
29) Tetrahydrofuran	5.13	42	98492	104.662	ug/l	99
30) Chloroform	5.21	83	73851	20.939	ug/l	99
31) Cyclohexane	5.58	56	61194	20.500	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	61765	19.833	ug/l	99
36) 1,1-Dichloropropene	5.81	75	52651	19.946	ug/l	98
37) Ethyl Acetate	4.84	43	58086	21.390	ug/l	98
38) Carbon Tetrachloride	5.79	117	53156	18.596	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

Quant Time: Jul 12 06:54:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66948	19.294	ug/l	96
40) Benzene	6.14	78	167555	20.374	ug/l	98
41) Methacrylonitrile	5.04	41	30811	20.678	ug/l	97
42) 1,2-Dichloroethane	6.20	62	56143	22.427	ug/l	98
43) Isopropyl Acetate	6.45	43	89719	19.969	ug/l	99
44) Trichloroethene	7.21	130	48753	19.812	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42594	20.510	ug/l	95
46) Dibromomethane	7.66	93	29919	20.079	ug/l	98
47) Bromodichloromethane	7.90	83	50662	18.553	ug/l	98
48) Methyl methacrylate	7.77	41	43279	20.724	ug/l	98
49) 1,4-Dioxane	7.74	88	24511	407.424	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	307746	107.097	ug/l	98
52) Toluene	8.78	92	108414	20.018	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52833	17.257	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	61692	18.543	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	45392	20.323	ug/l	99
56) Ethyl methacrylate	9.18	69	67122	19.838	ug/l	95
57) 1,3-Dichloropropane	9.37	76	71266	20.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	151116	94.039	ug/l	100
59) 2-Hexanone	9.49	43	237243	104.902	ug/l	98
60) Dibromochloromethane	9.58	129	44138	17.649	ug/l	98
61) 1,2-Dibromoethane	9.67	107	47224	19.588	ug/l	98
64) Tetrachloroethene	9.34	164	48744	19.791	ug/l	99
65) Chlorobenzene	10.14	112	121808	19.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41891	18.603	ug/l	99
67) Ethyl Benzene	10.25	91	207334	19.866	ug/l	100
68) m/p-Xylenes	10.36	106	160784	39.759	ug/l	99
69) o-Xylene	10.69	106	78847	19.827	ug/l	100
70) Styrene	10.71	104	133490	20.016	ug/l	99
71) Bromoform	10.85	173	31253	15.960	ug/l #	99
73) Isopropylbenzene	11.02	105	209517	19.719	ug/l	99
74) N-amyl acetate	10.90	43	80109	19.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	70792	20.118	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	73372	25.688	ug/l	81
77) Bromobenzene	11.26	156	56871	19.169	ug/l	98
78) n-propylbenzene	11.36	91	231897	19.859	ug/l	98
79) 2-Chlorotoluene	11.42	91	137583	19.786	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	173719	19.833	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17582	14.361	ug/l #	84
82) 4-Chlorotoluene	11.51	91	159324	20.136	ug/l	99
83) tert-Butylbenzene	11.77	119	170157	19.355	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	176859	20.097	ug/l	99
85) sec-Butylbenzene	11.94	105	206212	19.977	ug/l	99
86) p-Isopropyltoluene	12.06	119	186674	19.552	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	99550	19.223	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100974	19.152	ug/l	99
89) n-Butylbenzene	12.38	91	156712	19.316	ug/l	100
90) Hexachloroethane	12.60	117	26093	15.805	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	100582	19.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13917	18.344	ug/l	88

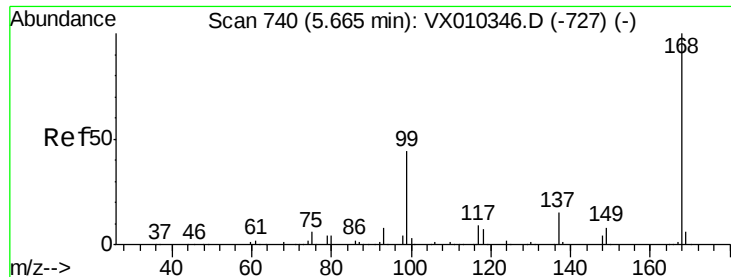
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
Data File : VX010808.D
Acq On : 11 Jul 2019 15:37
Operator : JC/SP
Sample : VX0711WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

Quant Time: Jul 12 06:54:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67371	18.875	ug/l	98
94) Hexachlorobutadiene	13.78	225	33356	19.121	ug/l	98
95) Naphthalene	13.83	128	205532	18.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66685	18.790	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

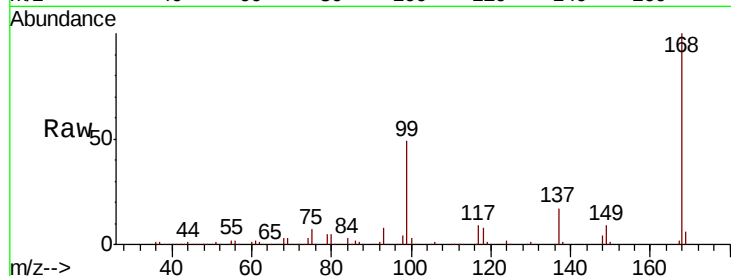
VX0711WBSD02

Tot Ion:168 Resp: 220414

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

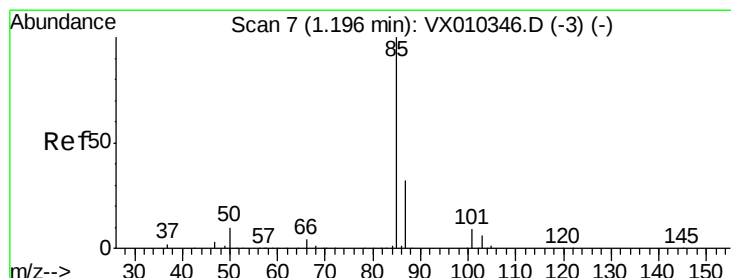
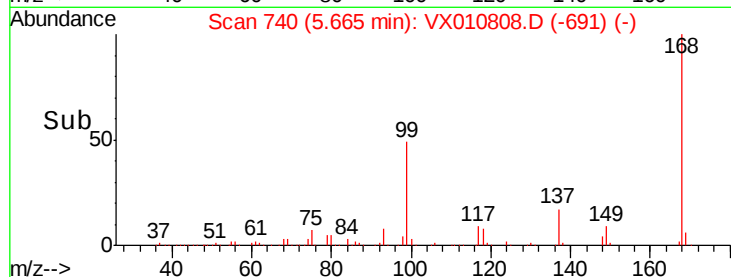
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.634 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010808.D

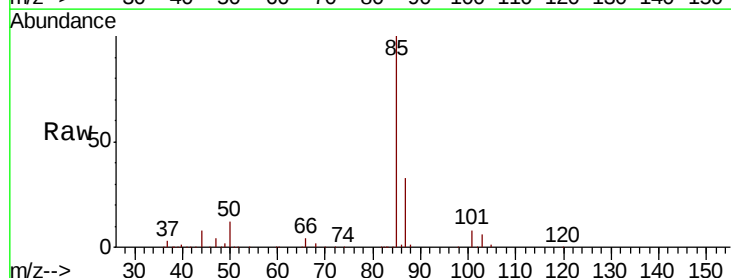
Acq: 11 Jul 2019 15:37

Tgt Ion: 85 Resp: 34684

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

20000

10000

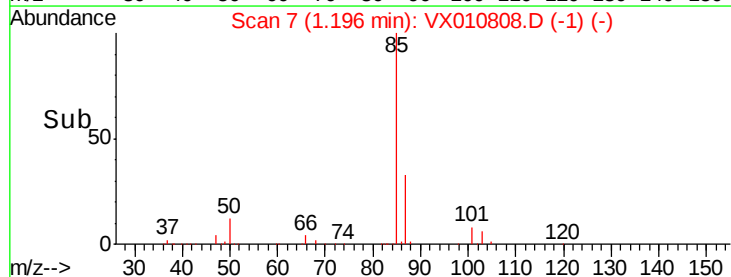
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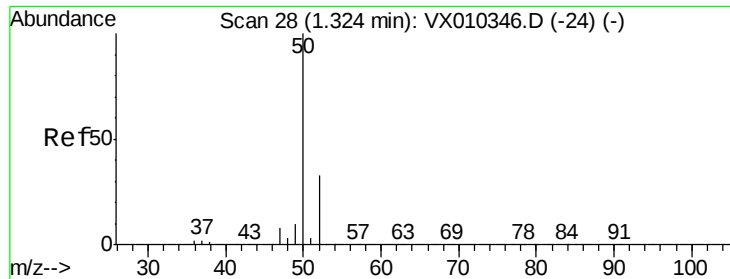
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 20.505 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

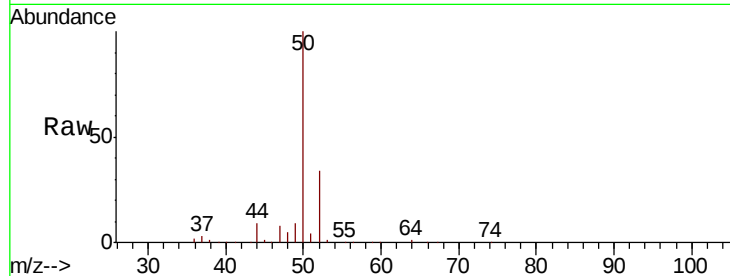
VX0711WBSD02

Tot Ion: 50 Resp: 36588

Ion Ratio Lower Upper

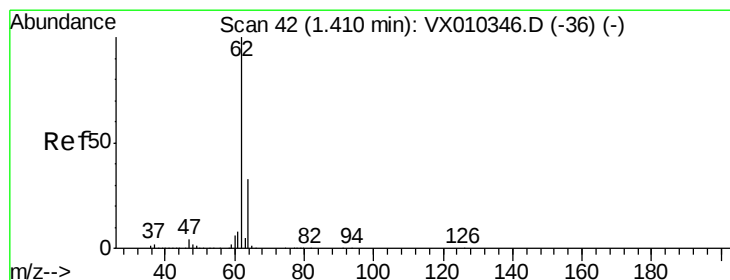
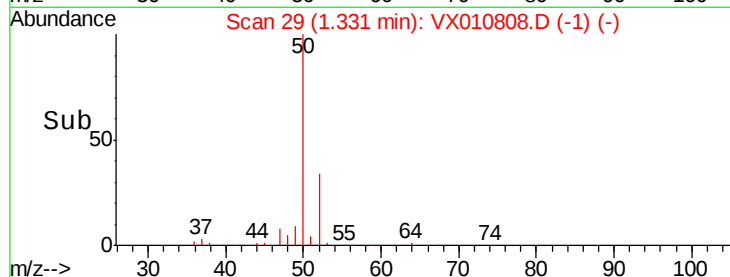
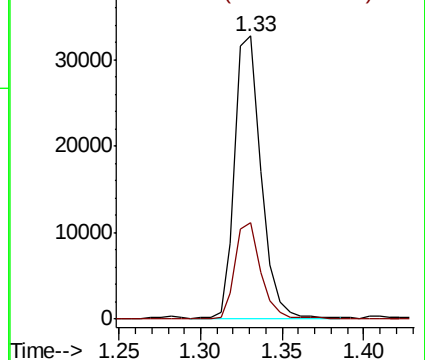
50 100

52 34.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.344 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010808.D

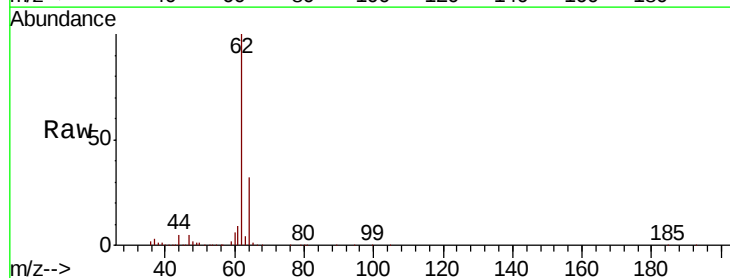
Acq: 11 Jul 2019 15:37

Tgt Ion: 62 Resp: 39761

Ion Ratio Lower Upper

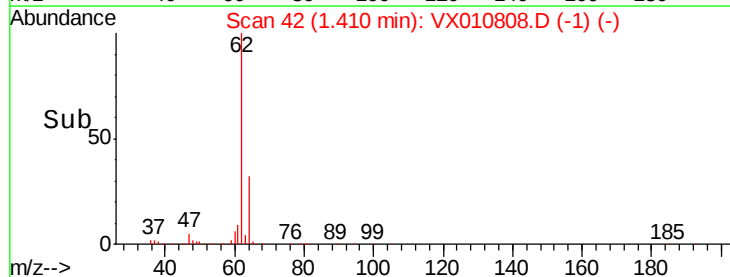
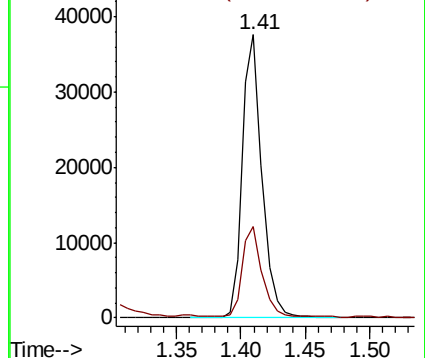
62 100

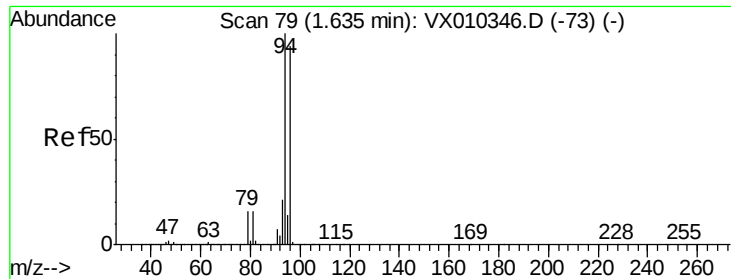
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.977 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

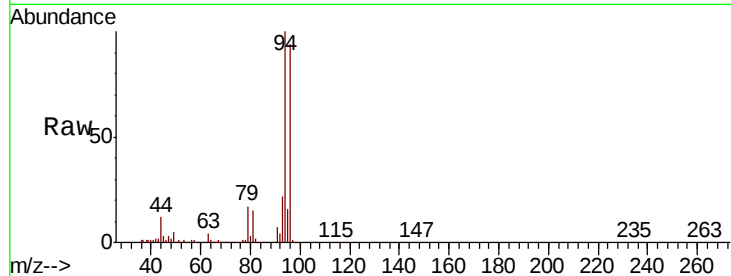
VX0711WBSD02

Tot Ion: 94 Resp: 23782

Ion Ratio Lower Upper

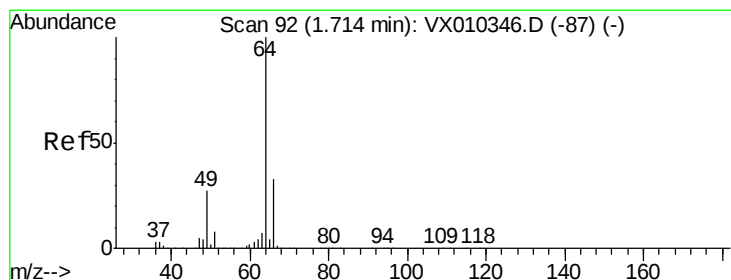
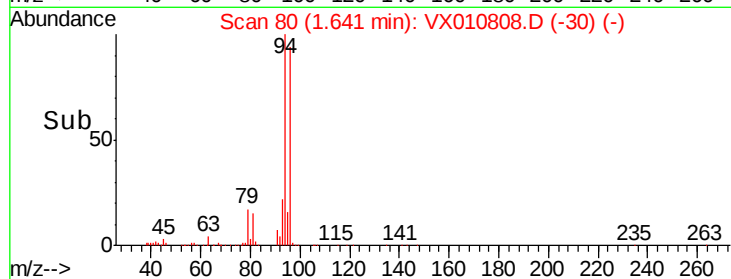
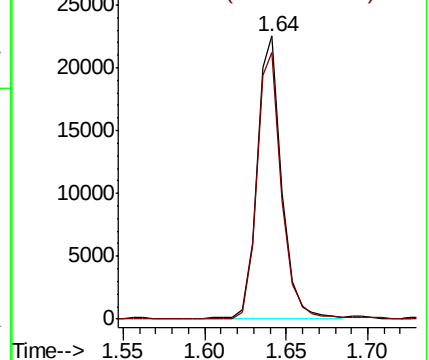
94 100

96 94.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.336 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010808.D

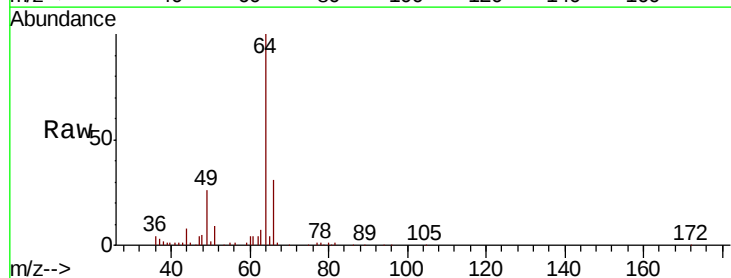
Acq: 11 Jul 2019 15:37

Tgt Ion: 64 Resp: 25755

Ion Ratio Lower Upper

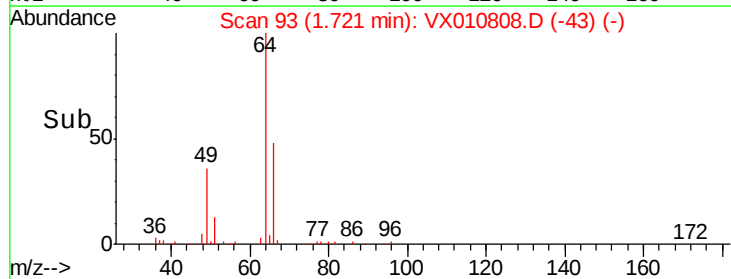
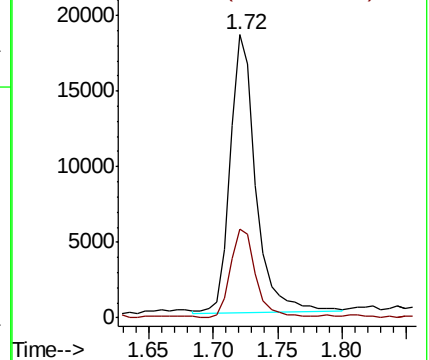
64 100

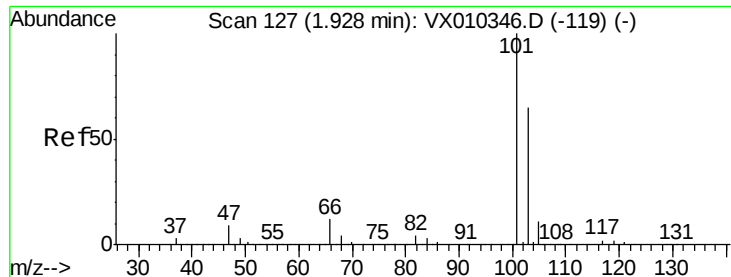
66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



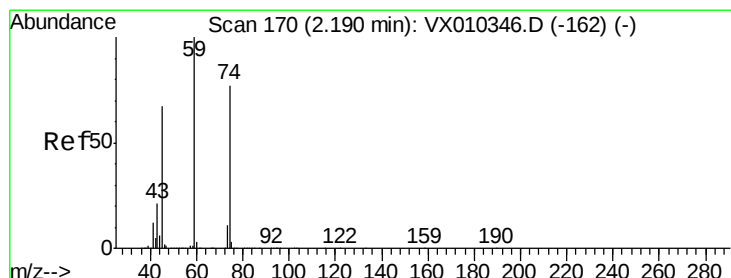
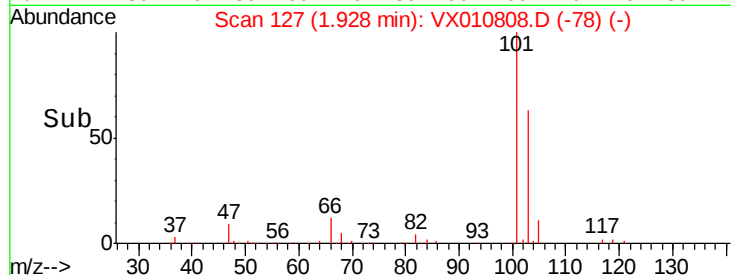
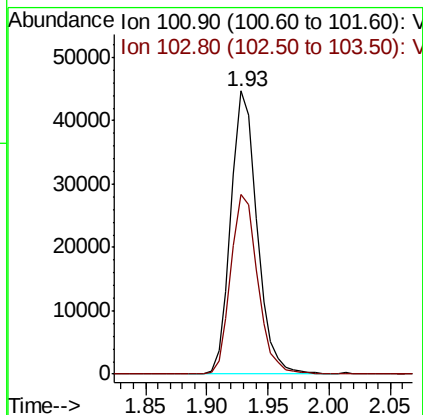
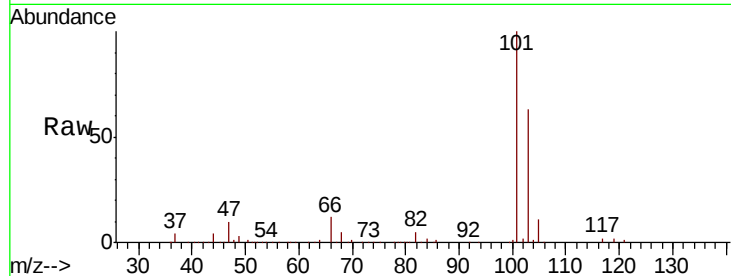


#7

Trichlorofluoromethane
 Concen: 21.444 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

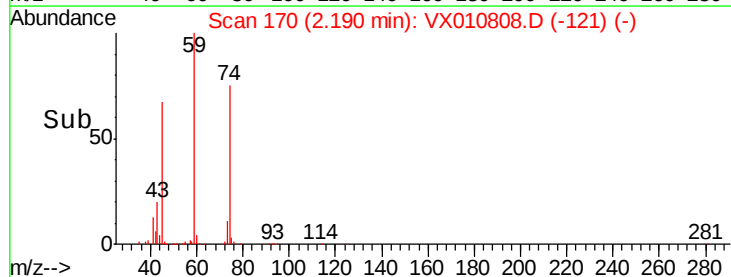
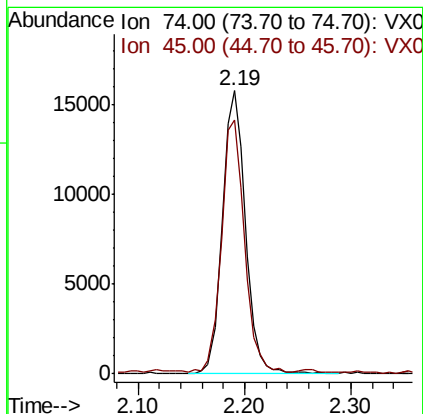
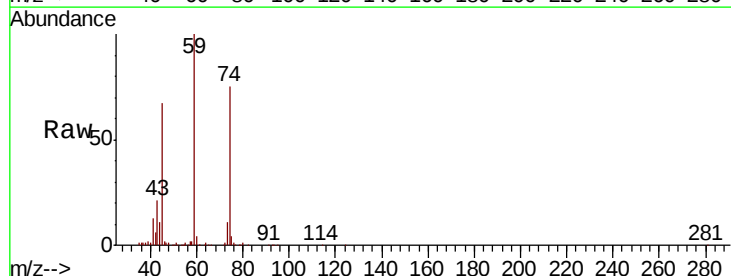
Tot Ion:101 Resp: 66437
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.3 78.5



#8

Diethyl Ether
 Concen: 21.560 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion: 74 Resp: 23955
 Ion Ratio Lower Upper
 74 100
 45 87.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.983 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

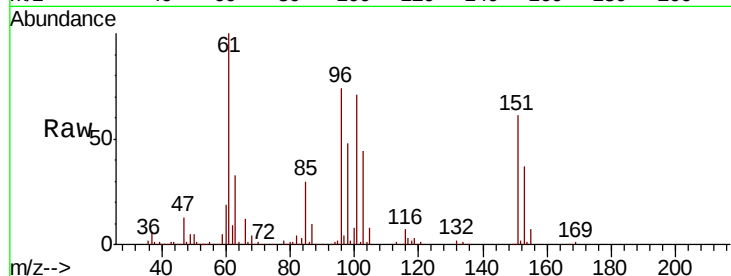
Tot Ion:101 Resp: 39397

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

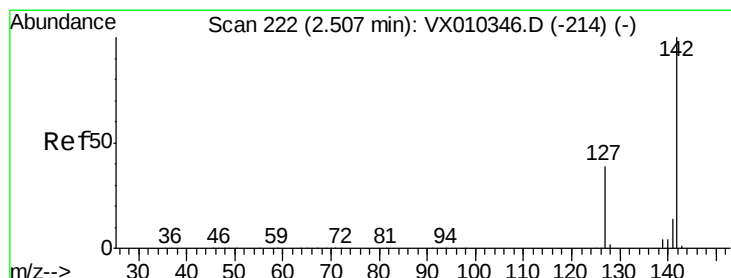
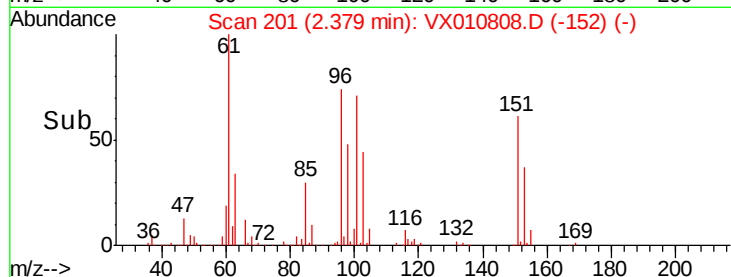
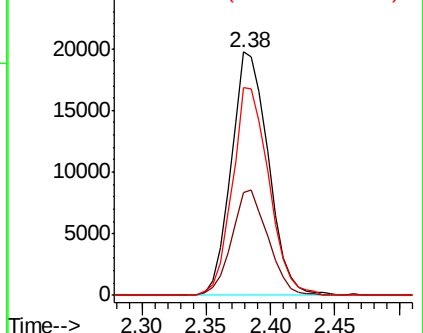
151 84.6 70.1 105.1



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: 18.129 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

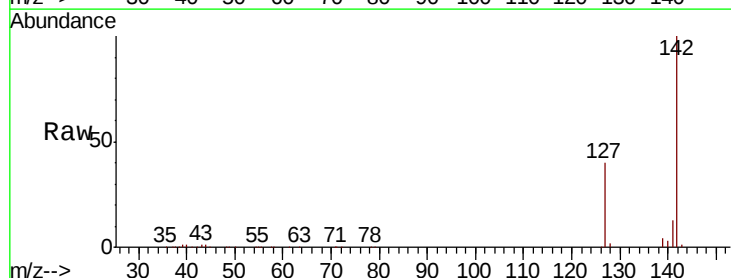
Tgt Ion:142 Resp: 48577

Ion Ratio Lower Upper

142 100

127 42.6 31.1 46.7

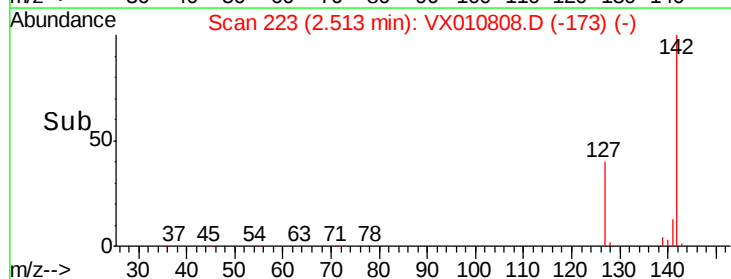
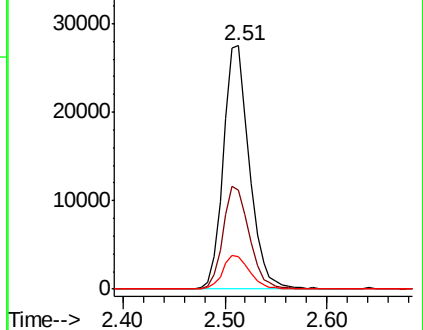
141 14.4 11.2 16.8

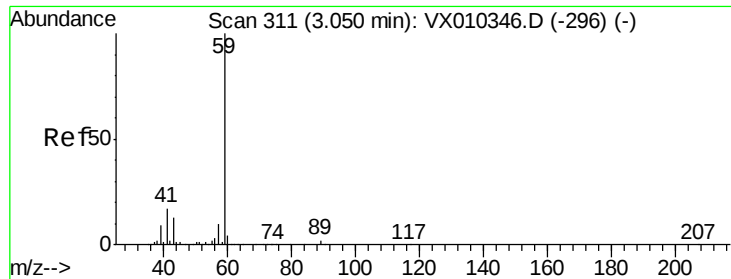


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



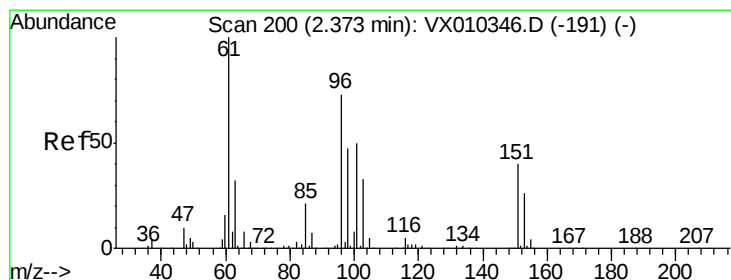
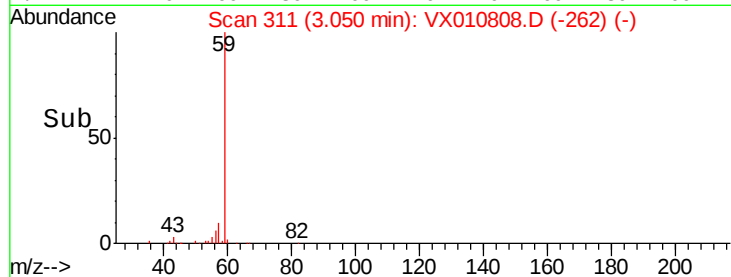
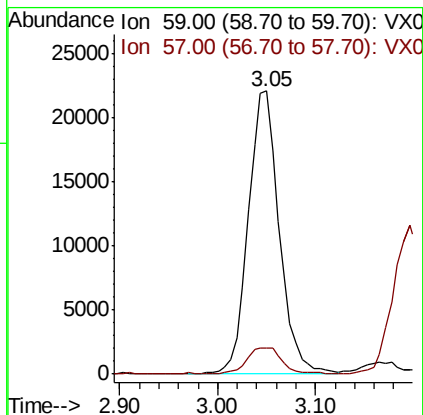
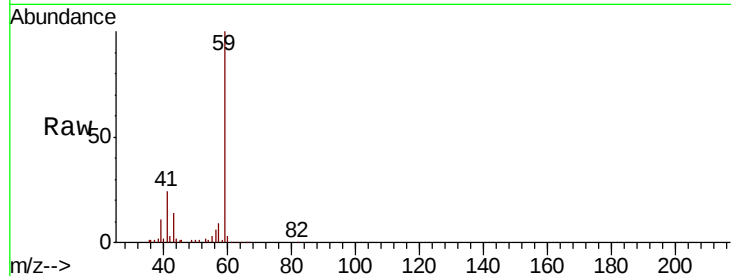


#11

Tert butyl alcohol
 Concen: 90.302 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

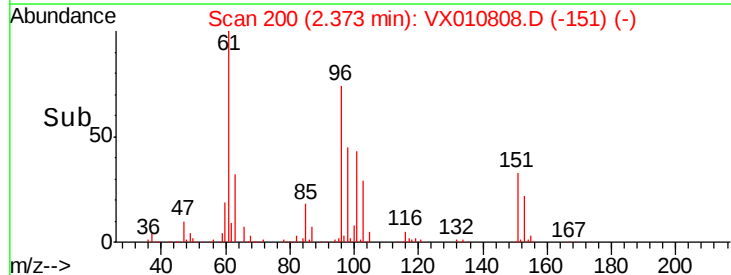
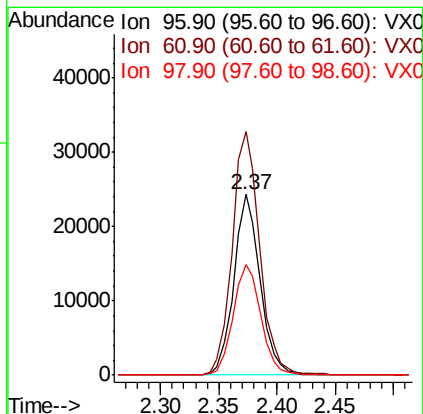
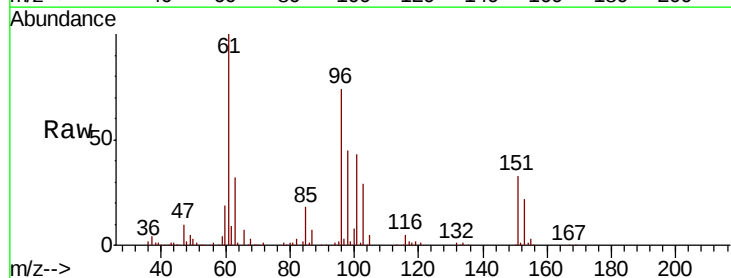
Tot Ion: 59 Resp: 48832
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.7 11.5

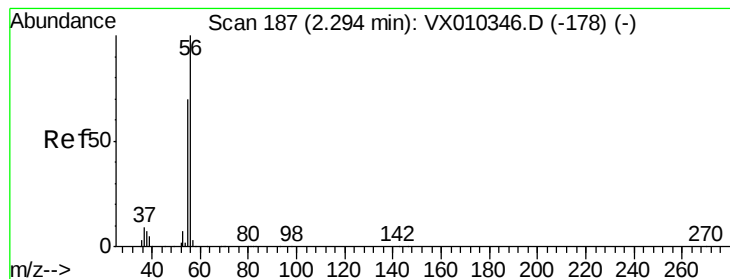


#12

1,1-Dichloroethene
 Concen: 20.068 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion: 96 Resp: 38340
 Ion Ratio Lower Upper
 96 100
 61 134.8 109.2 163.8
 98 61.2 51.1 76.7





#13

Acrolein

Concen: 75.472 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

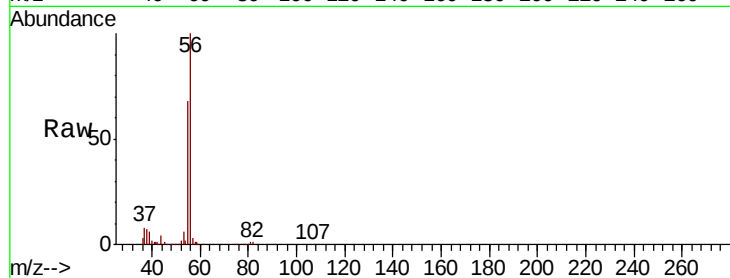
VX0711WBSD02

Tot Ion: 56 Resp: 27074

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

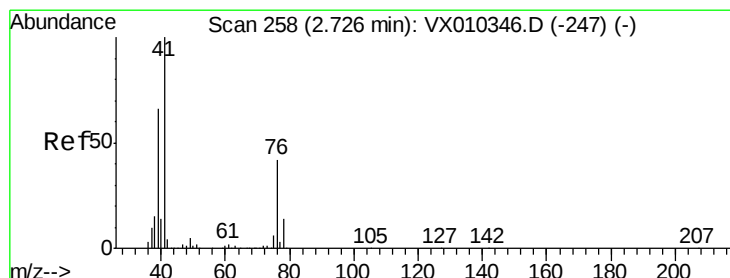
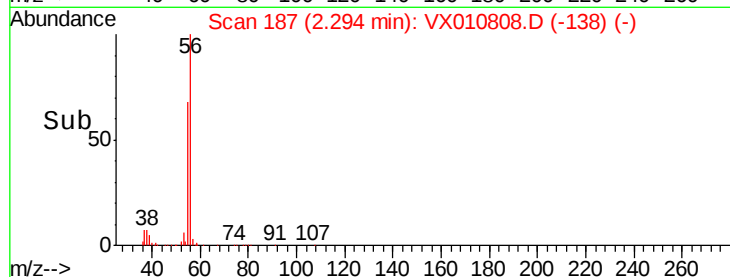
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 20.829 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

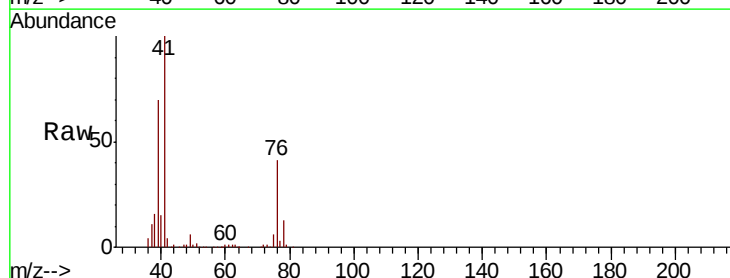
Tgt Ion: 41 Resp: 56496

Ion Ratio Lower Upper

41 100

39 63.3 50.3 75.5

76 36.3 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

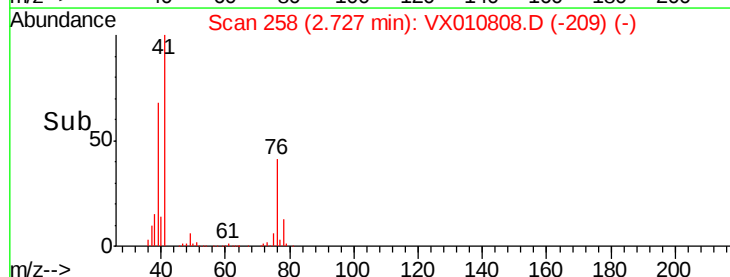
40000

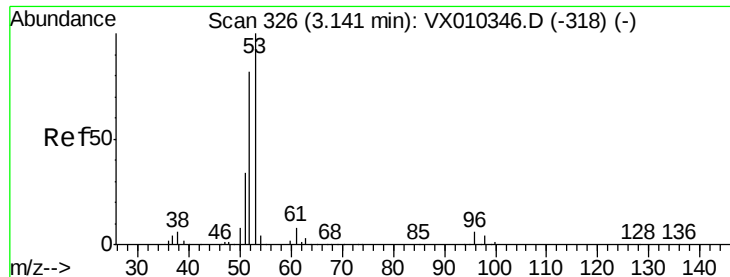
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 105.662 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

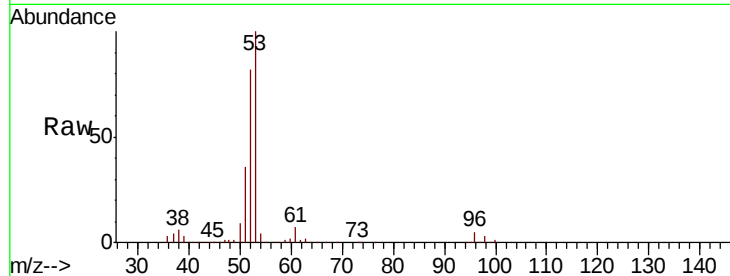
Tot Ion: 53 Resp: 113127

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

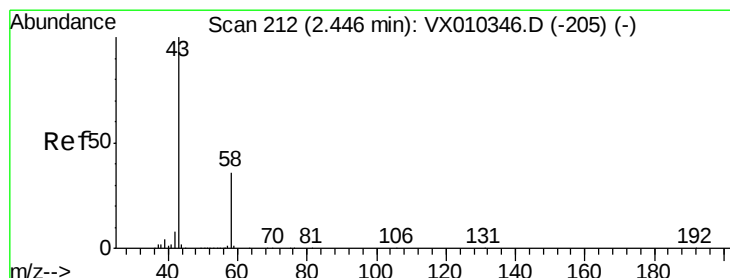
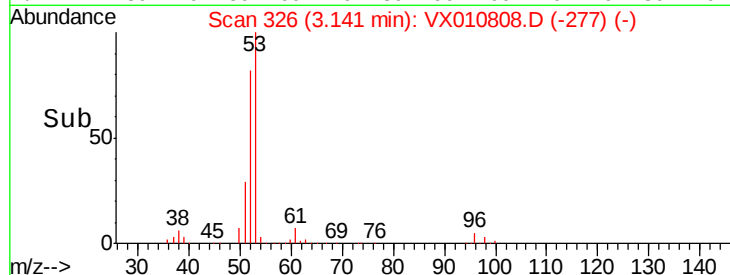
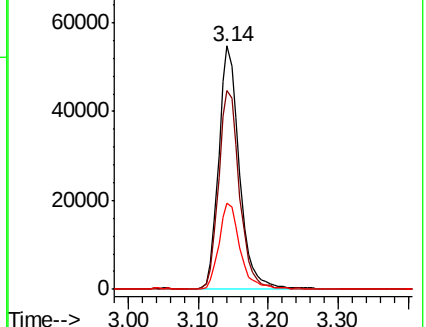
51 36.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.838 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010808.D

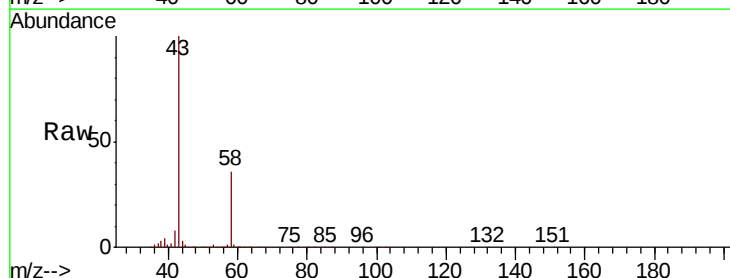
Acq: 11 Jul 2019 15:37

Tgt Ion: 43 Resp: 97190

Ion Ratio Lower Upper

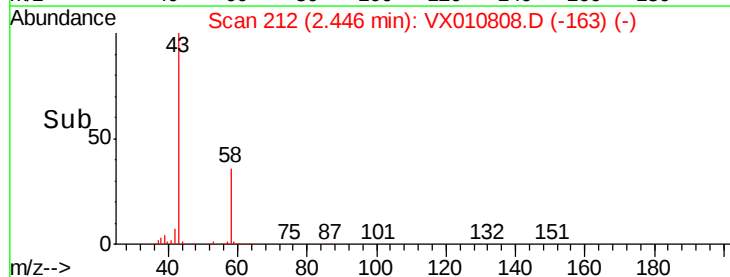
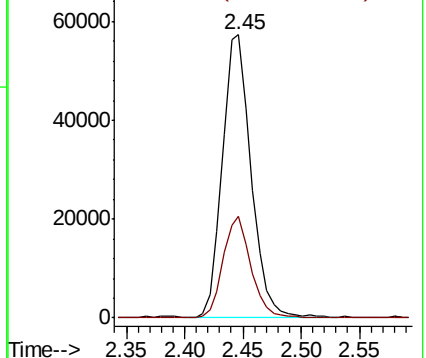
43 100

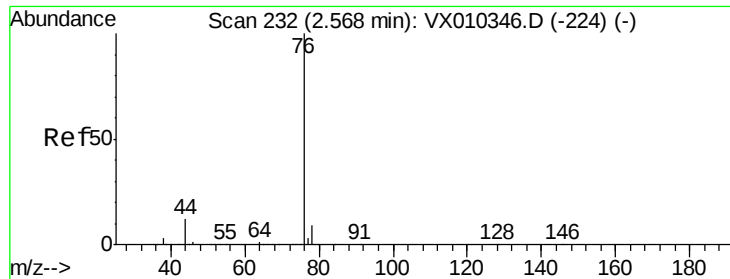
58 35.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

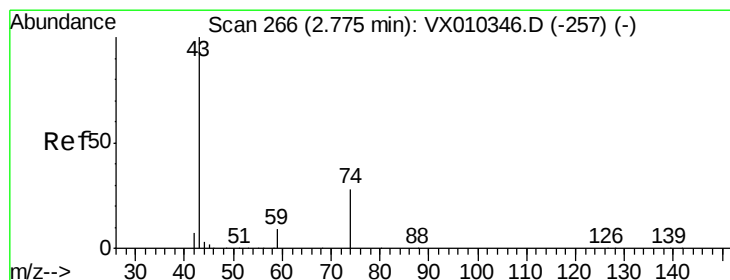
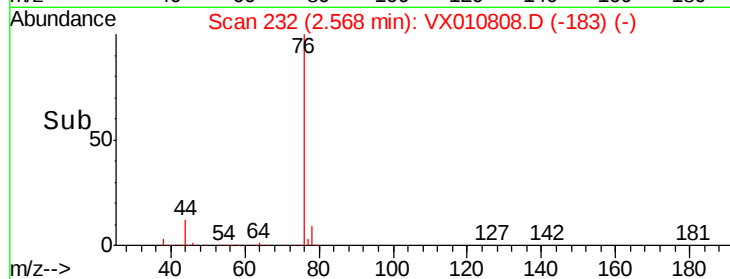
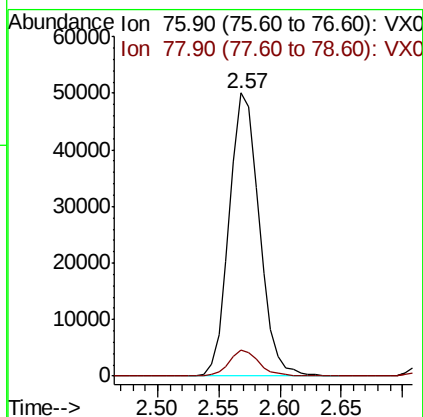
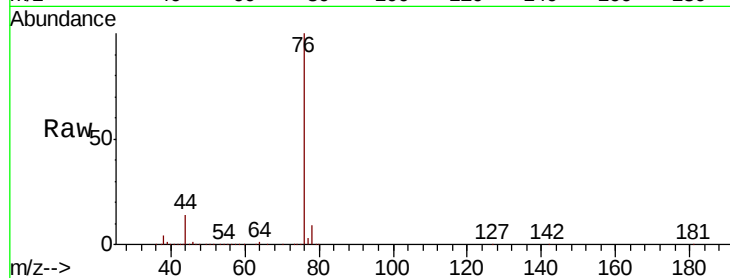




#17
Carbon Disulfide
Concen: 16.626 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

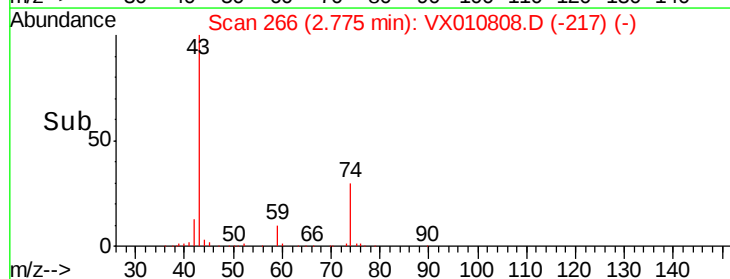
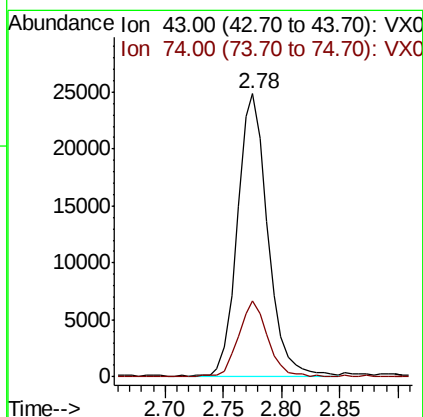
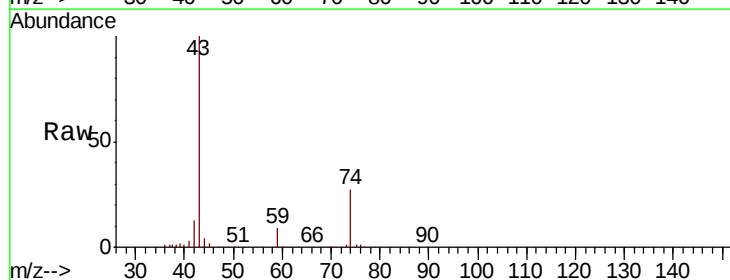
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

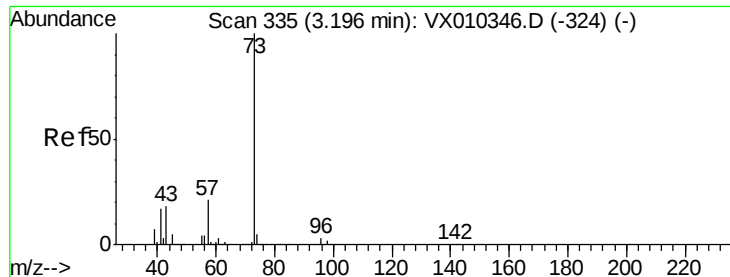
Tot Ion: 76 Resp: 85219
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 21.967 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 43 Resp: 45345
Ion Ratio Lower Upper
43 100
74 26.2 21.3 31.9



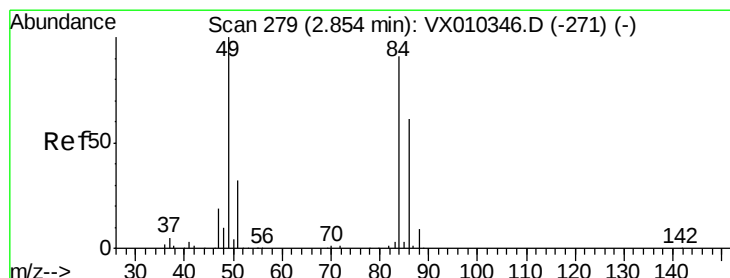
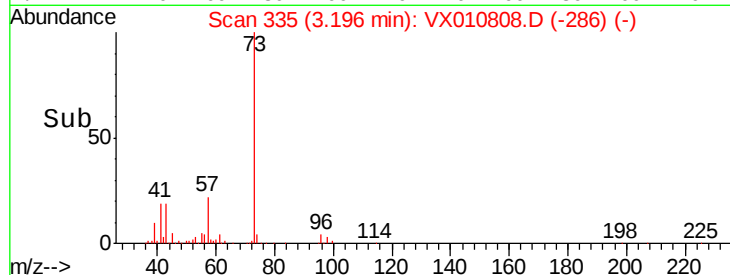
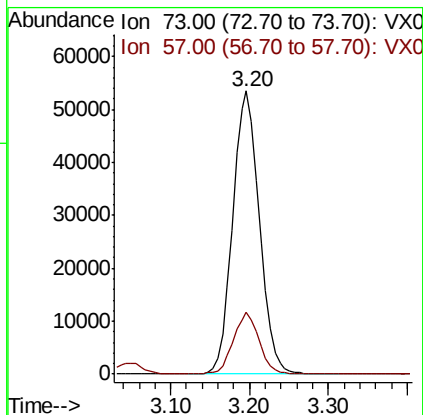
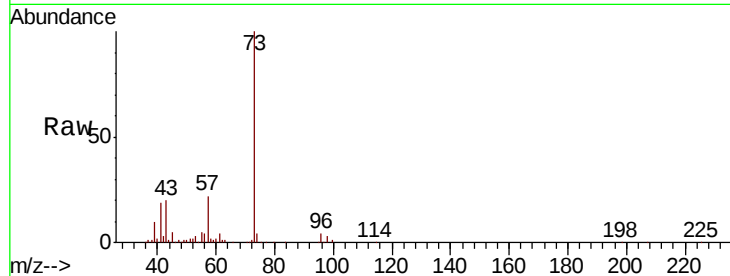


#19

Methyl tert-butyl Ether
 Concen: 20.909 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

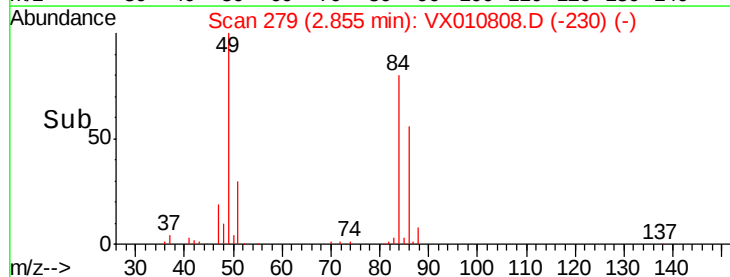
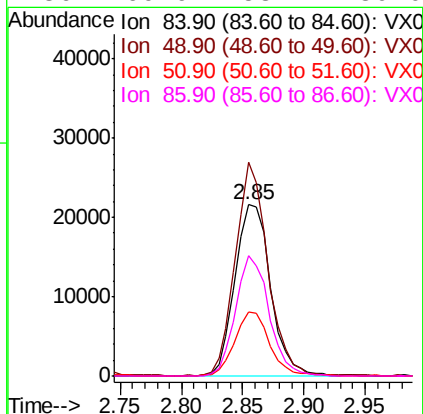
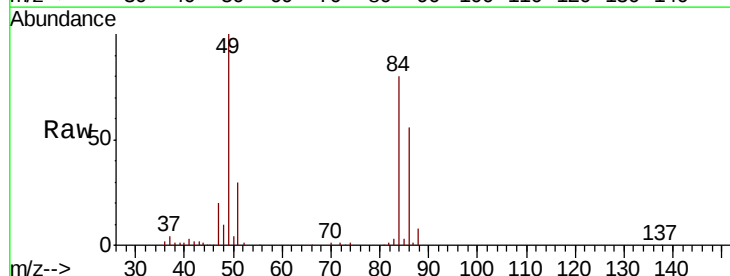
Tot Ion: 73 Resp: 125670
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.4 24.6

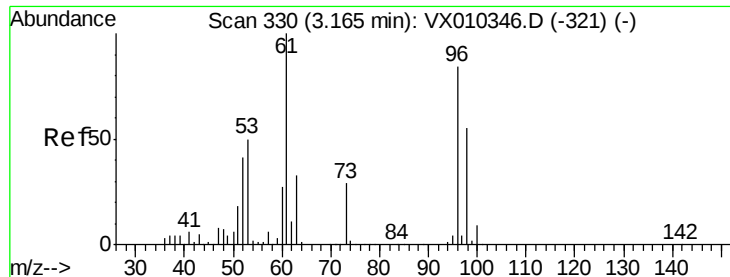


#20

Methylene Chloride
 Concen: 20.541 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion: 84 Resp: 43783
 Ion Ratio Lower Upper
 84 100
 49 123.9 87.5 131.3
 51 37.0 27.7 41.5
 86 69.9 53.4 80.0

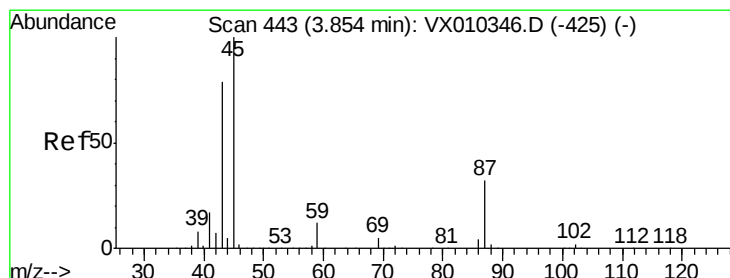
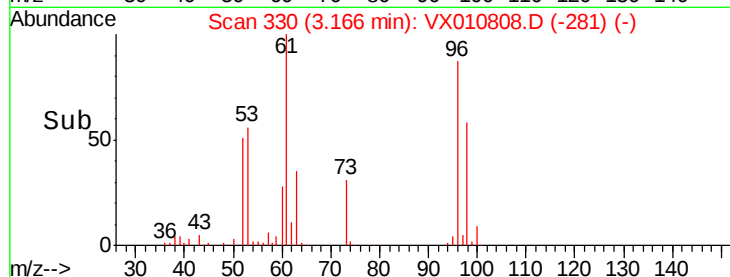
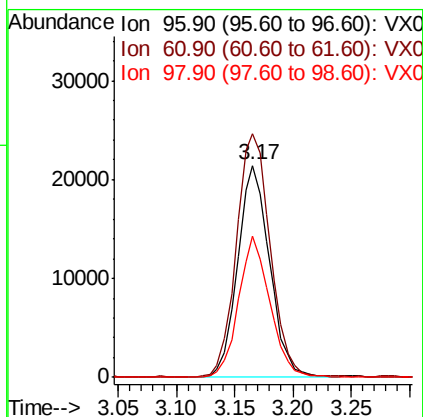
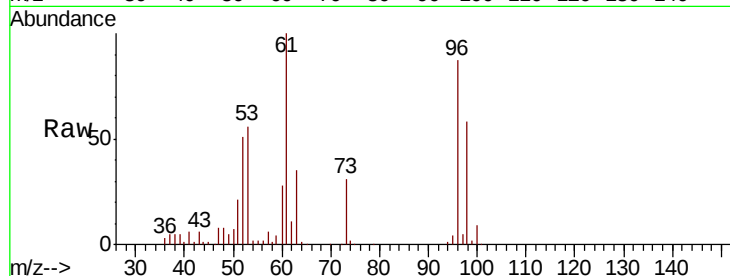




#21
trans-1,2-Dichloroethene
Concen: 20.036 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

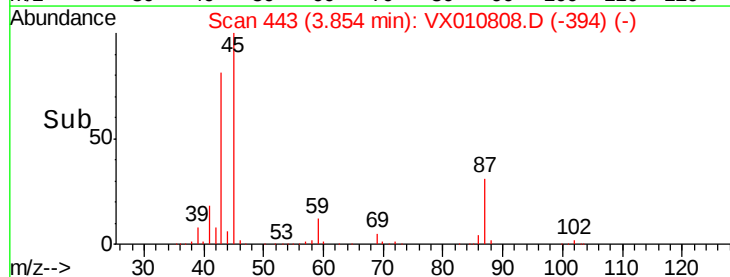
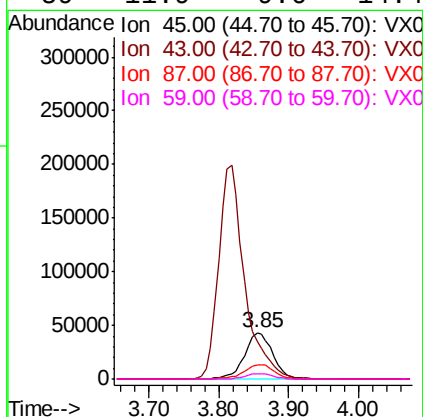
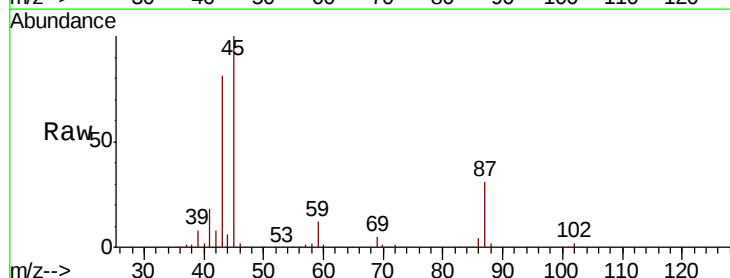
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

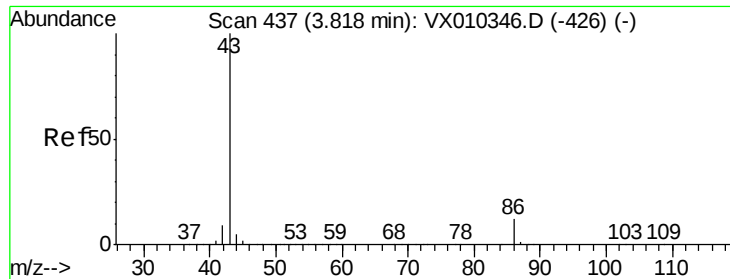
Tot Ion: 96 Resp: 41169
Ion Ratio Lower Upper
96 100
61 114.8 95.6 143.4
98 66.4 52.5 78.7



#22
Diisopropyl ether
Concen: 21.198 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 45 Resp: 120212
Ion Ratio Lower Upper
45 100
43 81.0 63.3 94.9
87 30.7 25.8 38.8
59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 105.297 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

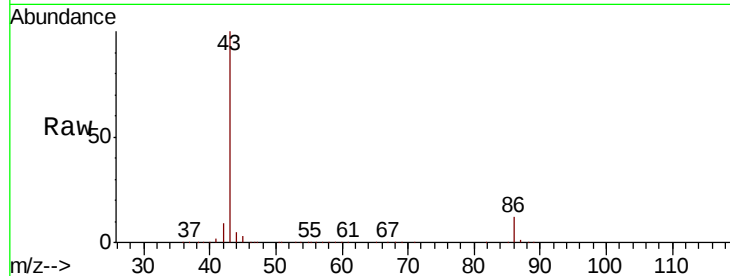
VX0711WBSD02

Tot Ion: 43 Resp: 515859

Ion Ratio Lower Upper

43 100

86 11.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

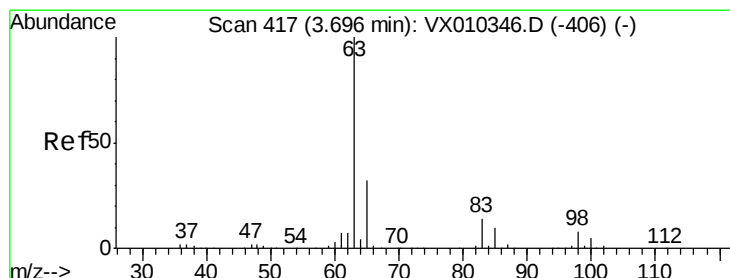
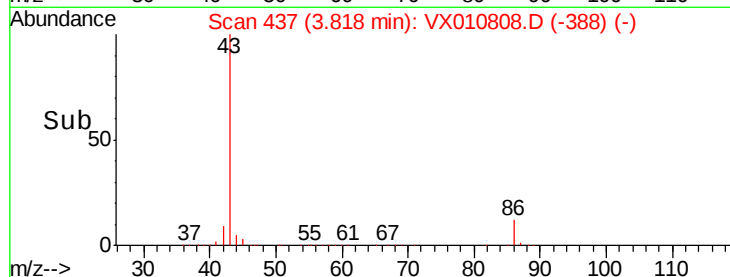
100000

50000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 21.023 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

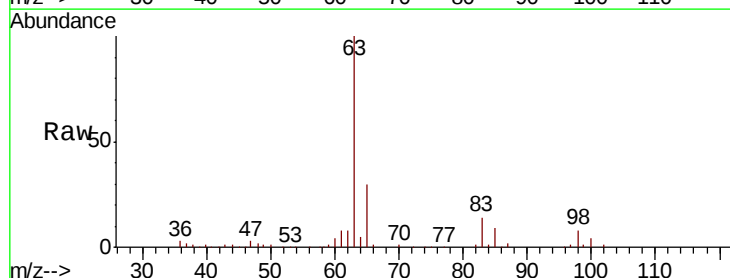
Tgt Ion: 63 Resp: 68915

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

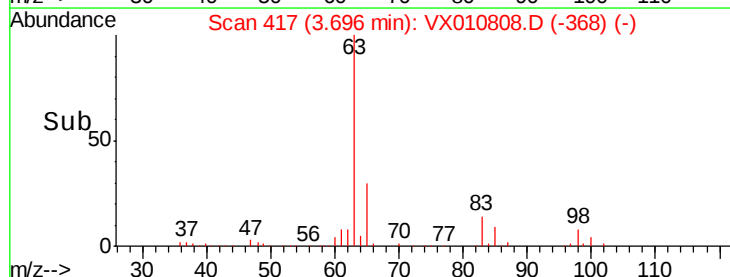
20000

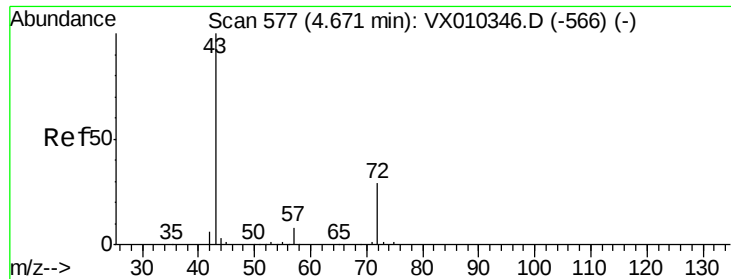
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 100.539 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

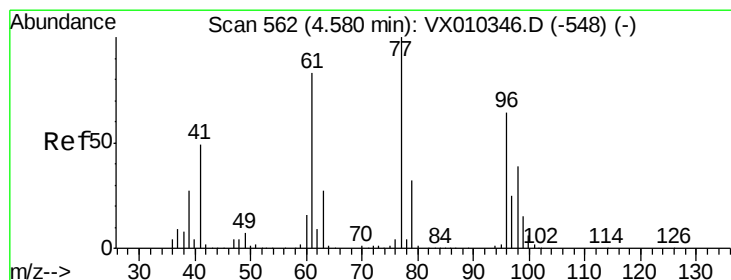
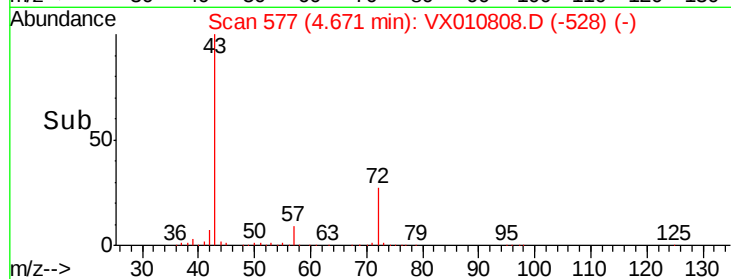
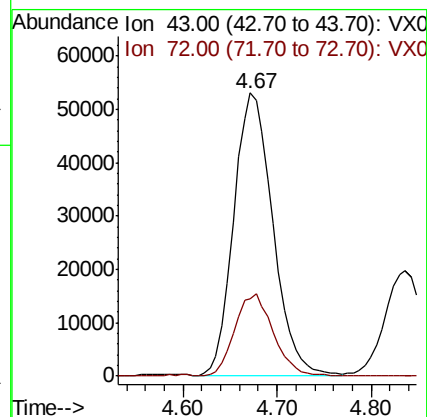
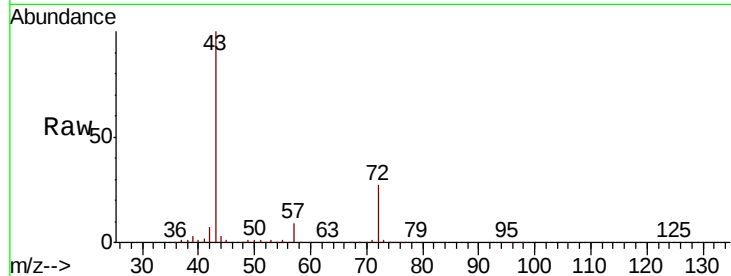
VX0711WBSD02

Tot Ion: 43 Resp: 152745

Ion Ratio Lower Upper

43 100

72 27.1 23.3 34.9



#26

2,2-Dichloropropane

Concen: 18.110 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010808.D

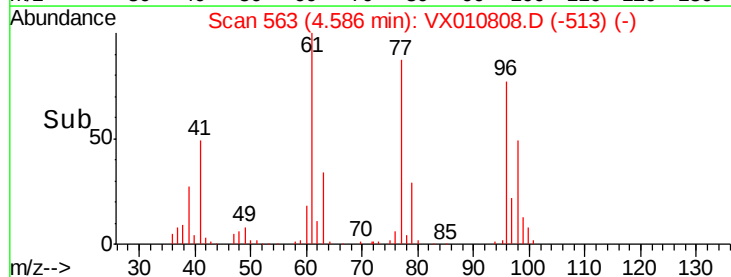
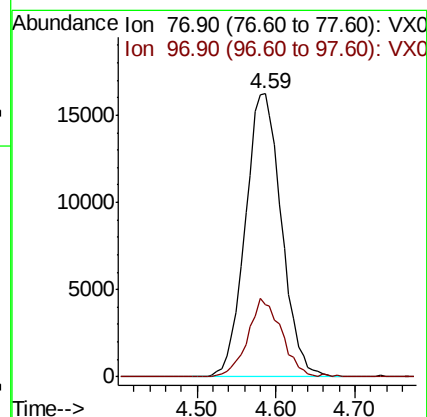
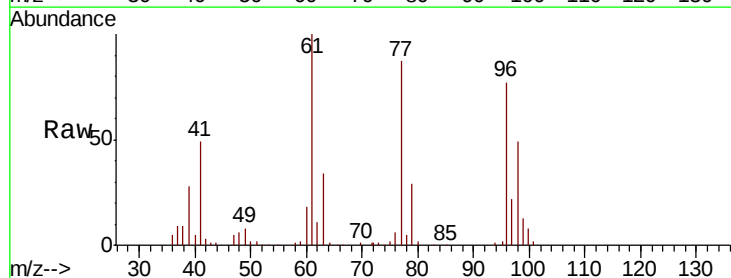
Acq: 11 Jul 2019 15:37

Tgt Ion: 77 Resp: 51571

Ion Ratio Lower Upper

77 100

97 25.9 13.1 39.3



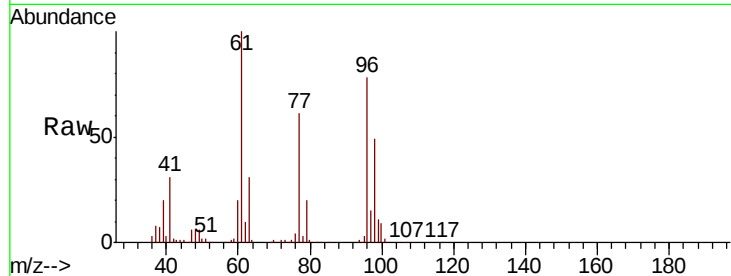


#27

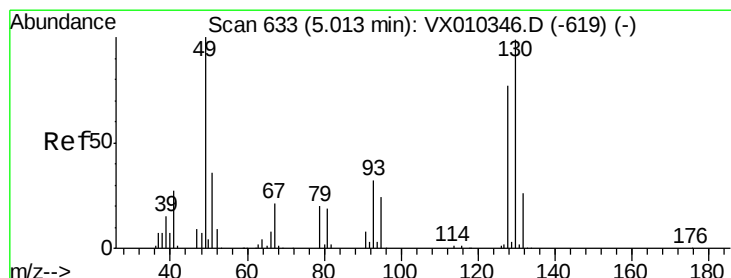
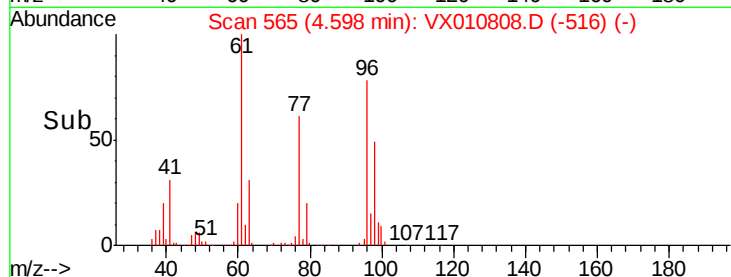
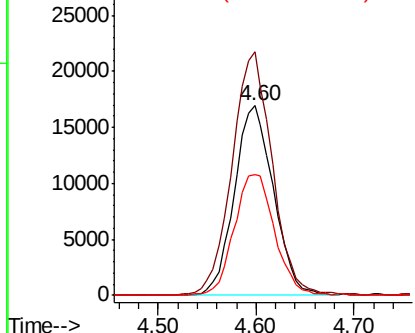
cis-1,2-Dichloroethene
Concen: 19.801 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

Tot Ion: 96 Resp: 47017
Ion Ratio Lower Upper
96 100
61 132.4 0.0 251.8
98 65.6 0.0 129.4



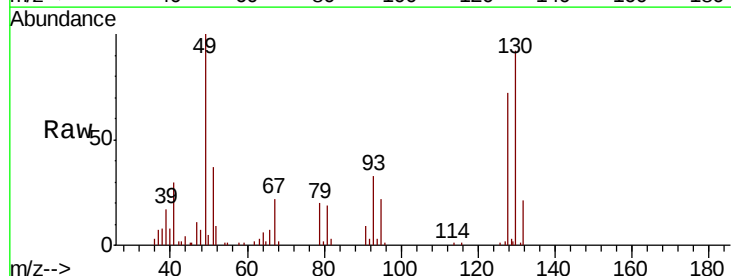
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



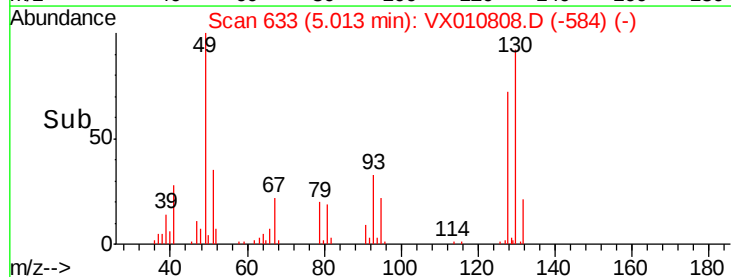
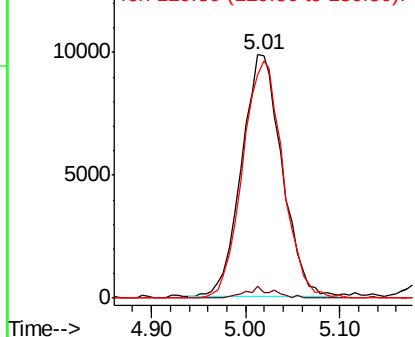
#28

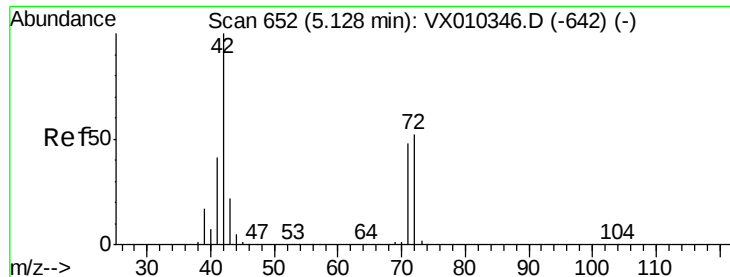
Bromochloromethane
Concen: 18.980 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 49 Resp: 29747
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.6
130 97.4 81.4 122.0



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: 104.662 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

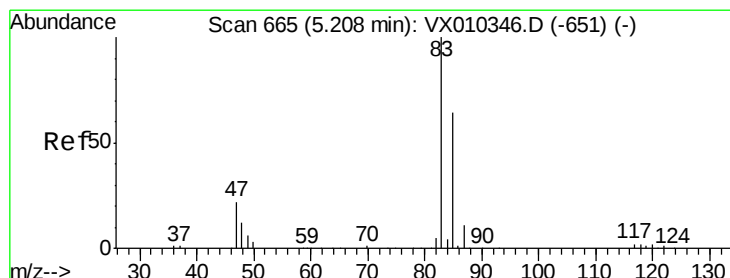
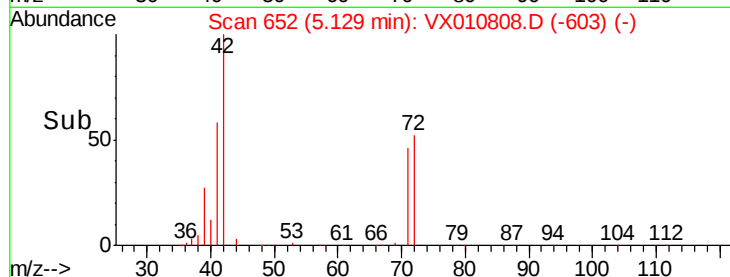
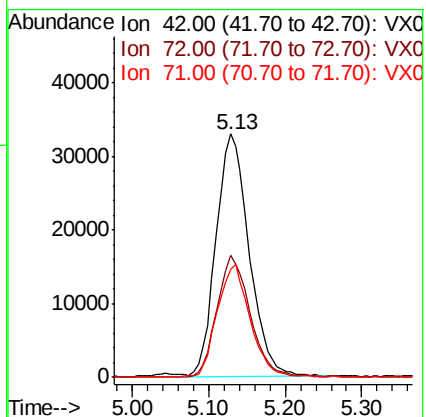
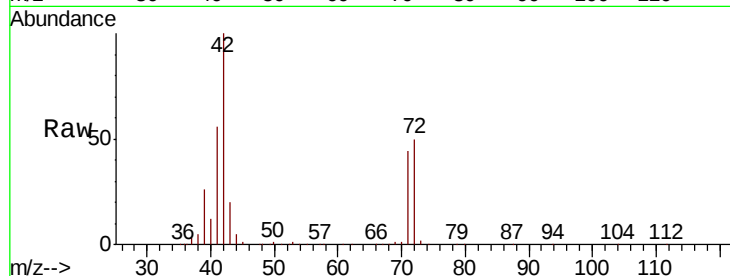
Tot Ion: 42 Resp: 98492

Ion Ratio Lower Upper

42 100

72 50.5 40.6 60.8

71 46.5 37.8 56.8



#30

Chloroform

Concen: 20.939 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010808.D

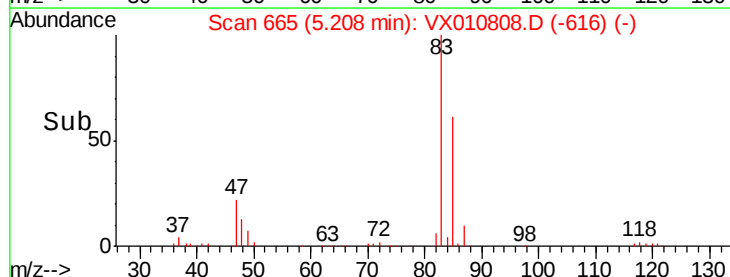
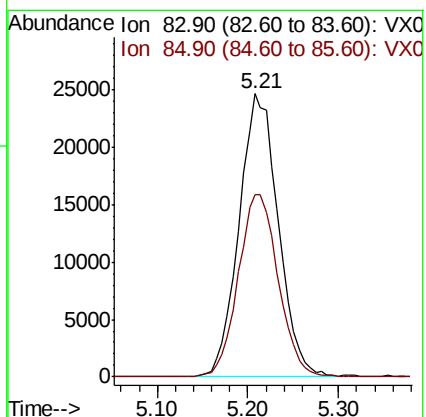
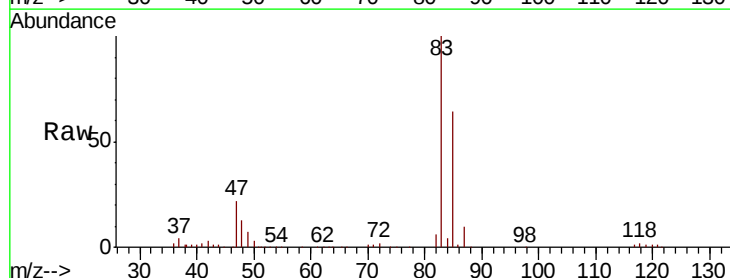
Acq: 11 Jul 2019 15:37

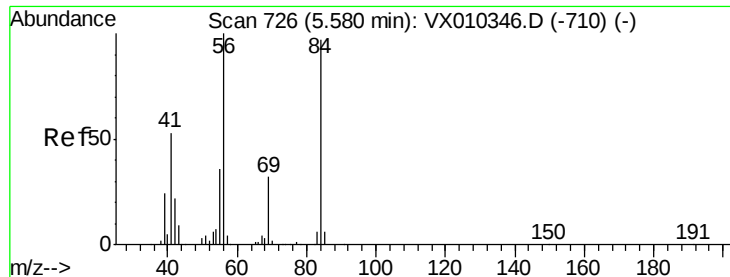
Tgt Ion: 83 Resp: 73851

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3





#31

Cyclohexane

Concen: 20.500 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

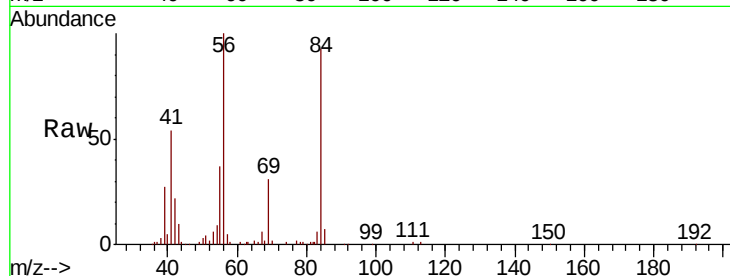
Tot Ion: 56 Resp: 61194

Ion Ratio Lower Upper

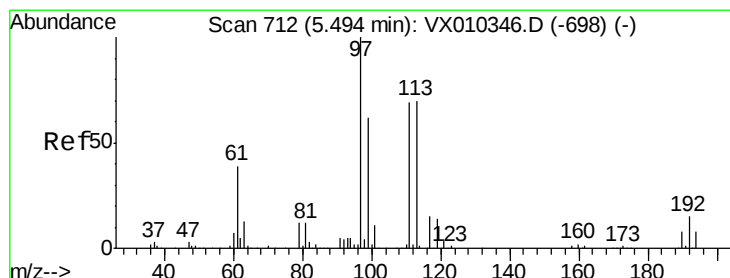
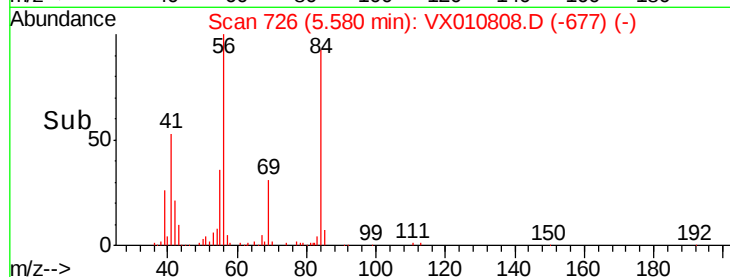
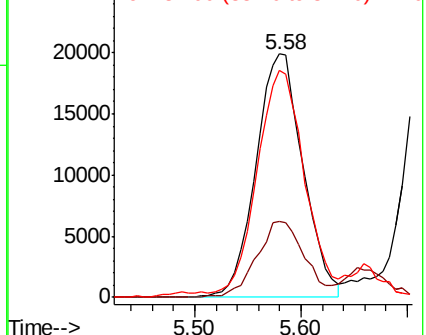
56 100

69 31.3 25.9 38.9

84 91.6 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 19.833 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

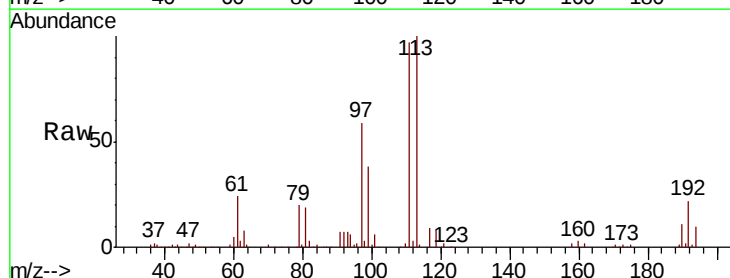
Tgt Ion: 97 Resp: 61765

Ion Ratio Lower Upper

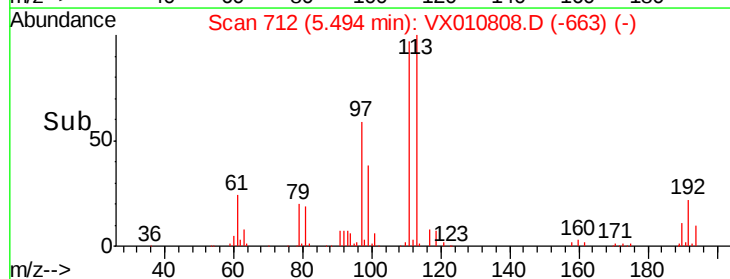
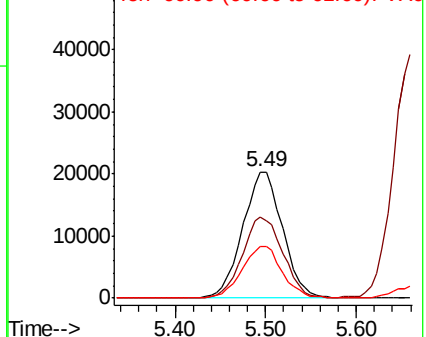
97 100

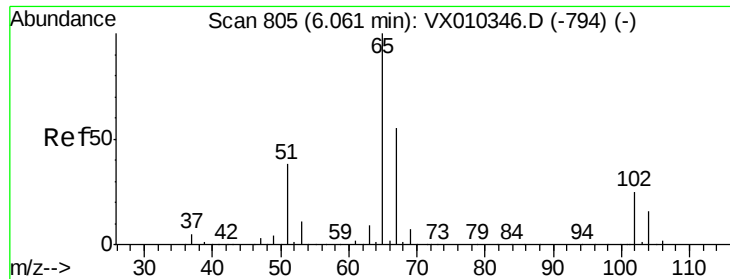
99 65.3 51.8 77.8

61 41.2 32.1 48.1



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

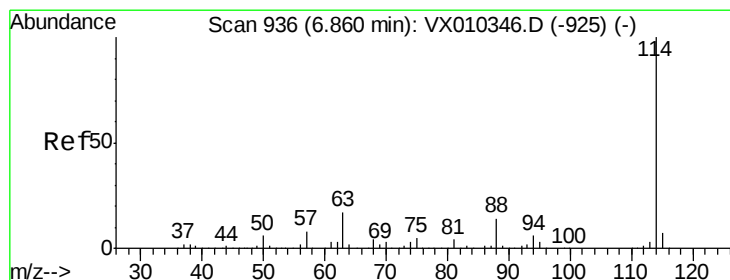
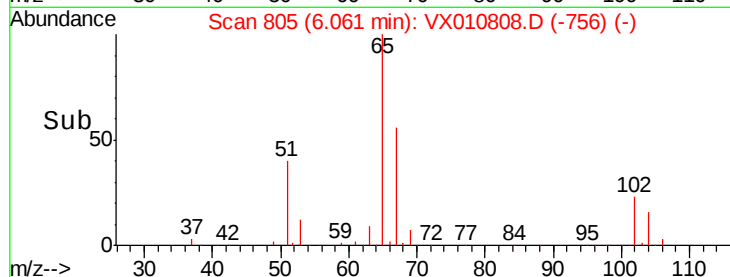
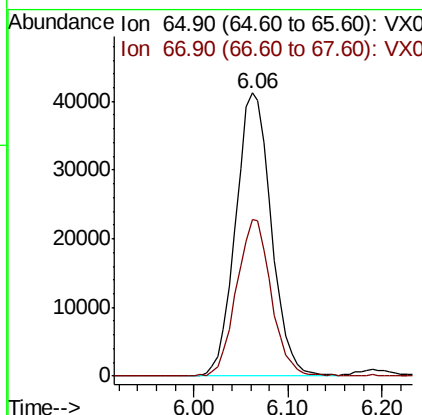
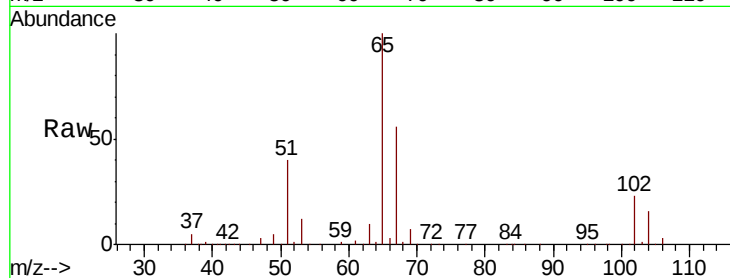




#33
 1,2-Dichloroethane-d4
 Concen: 52.649 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

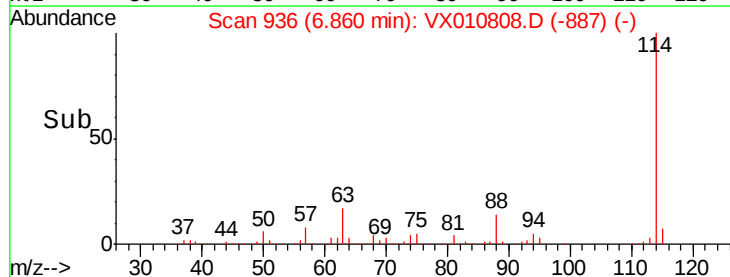
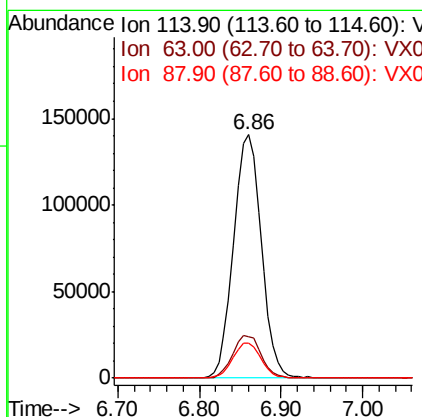
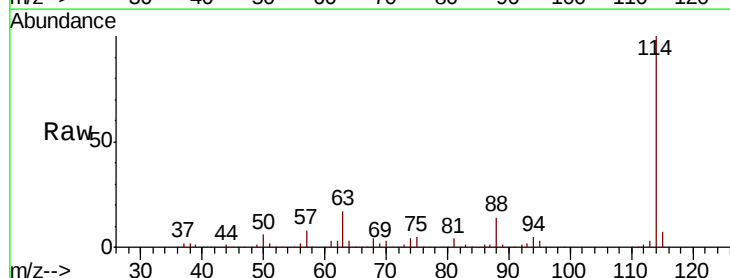
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

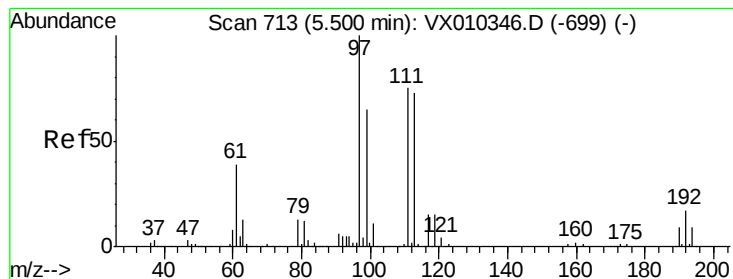
Tot Ion: 65 Resp: 108804
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion: 114 Resp: 332182
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.292 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

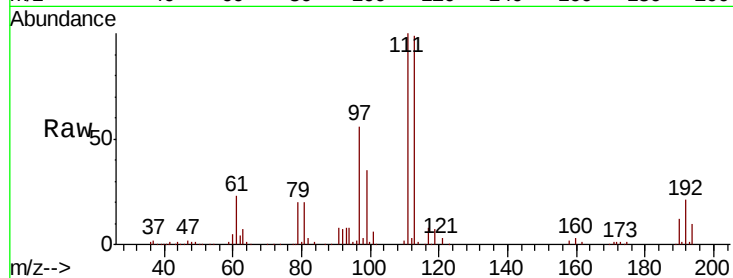
Tot Ion:113 Resp: 102215

Ion Ratio Lower Upper

113 100

111 99.7 81.2 121.8

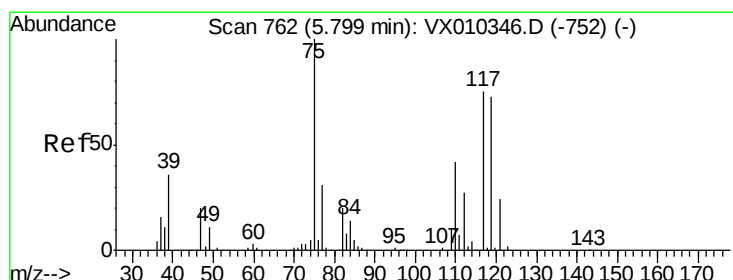
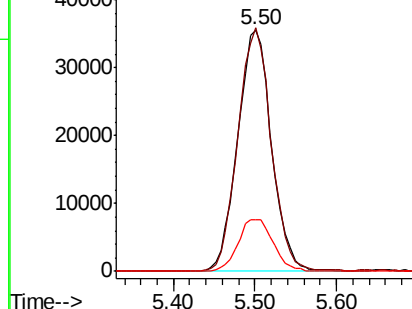
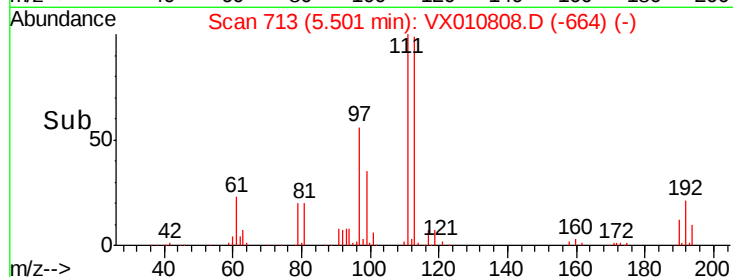
192 22.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.946 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

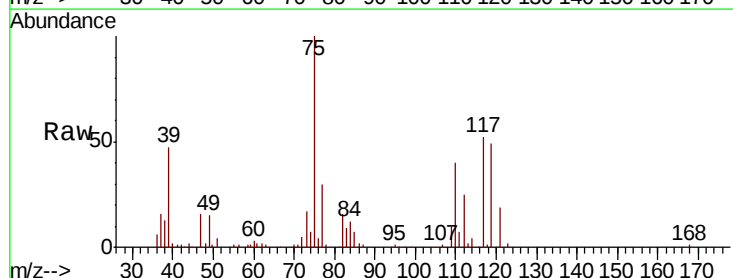
Tgt Ion: 75 Resp: 52651

Ion Ratio Lower Upper

75 100

110 39.7 20.8 62.2

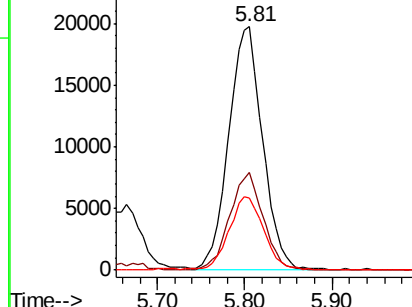
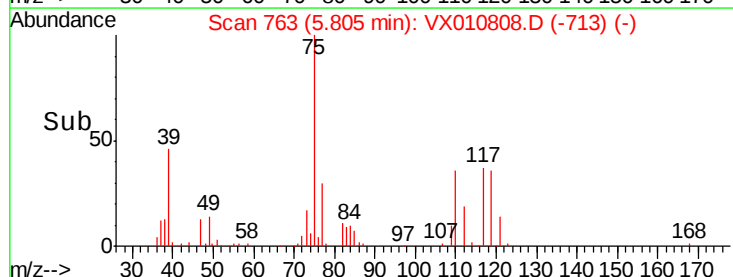
77 31.3 25.4 38.0

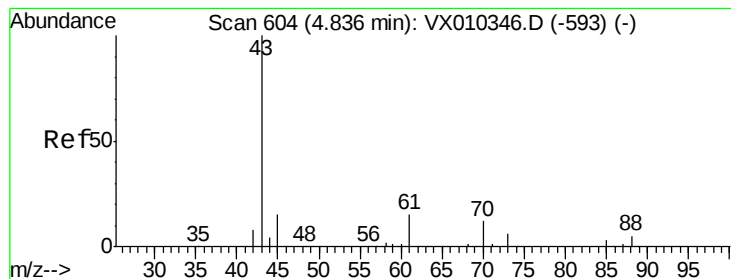


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.390 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX0711WBSD02

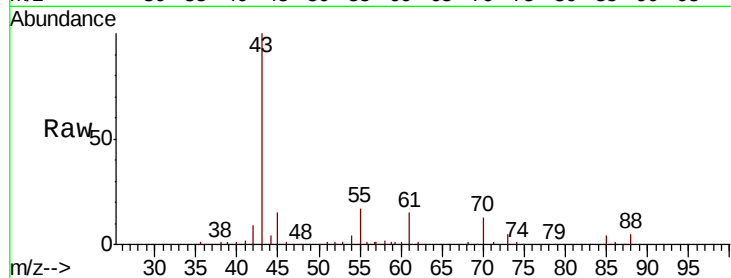
Tot Ion: 43 Resp: 58086

Ion Ratio Lower Upper

43 100

61 14.5 12.4 18.6

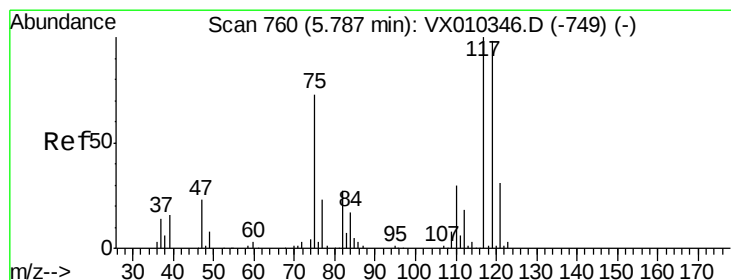
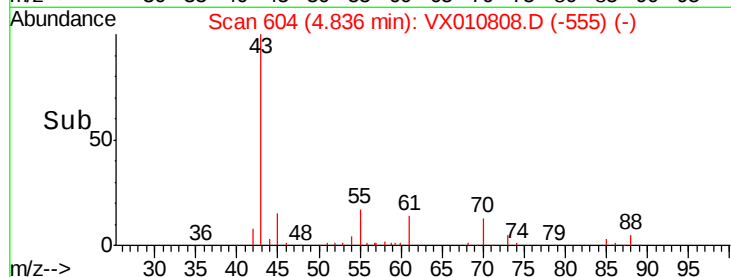
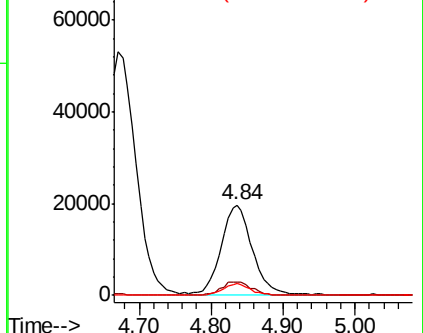
70 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.596 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

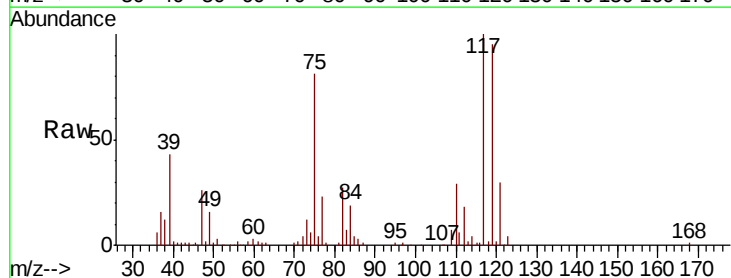
Tgt Ion: 117 Resp: 53156

Ion Ratio Lower Upper

117 100

119 94.7 78.2 117.4

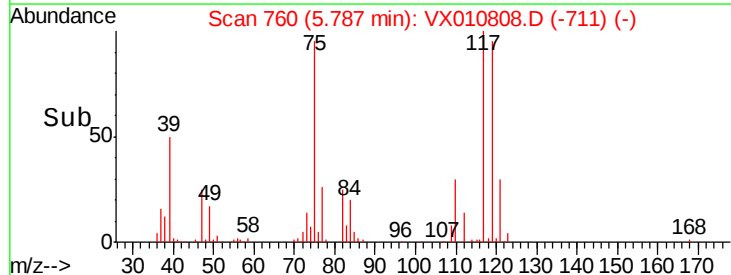
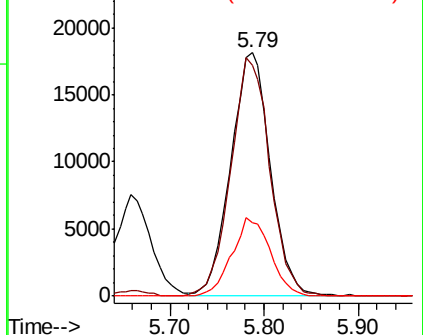
121 29.9 24.7 37.1



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

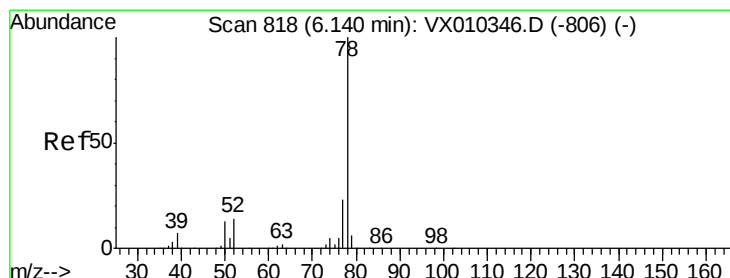
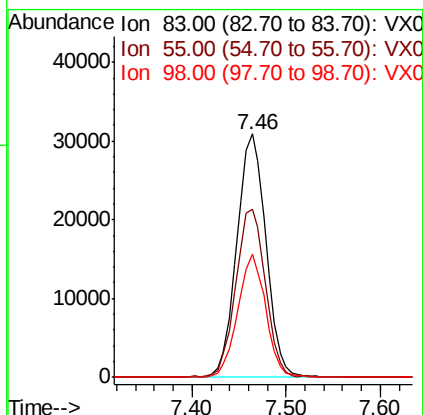
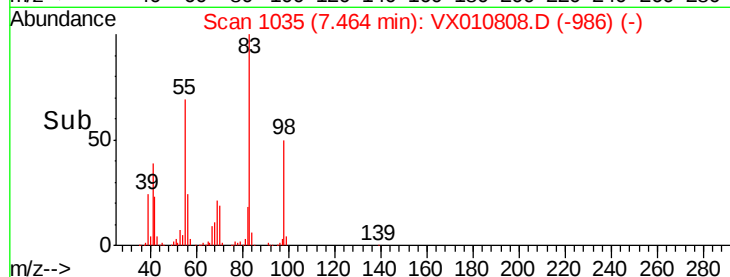
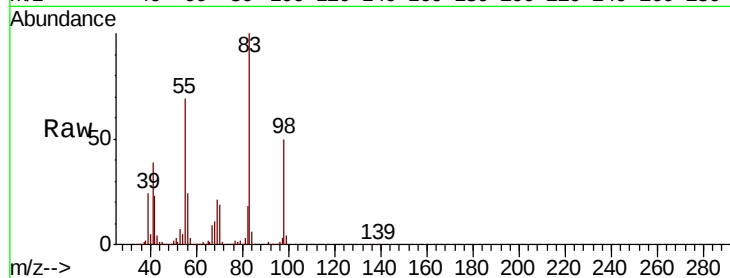




#39
Methvlcvclohexane
Concen: 19.294 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

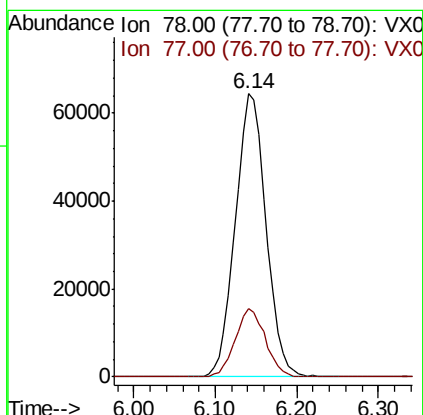
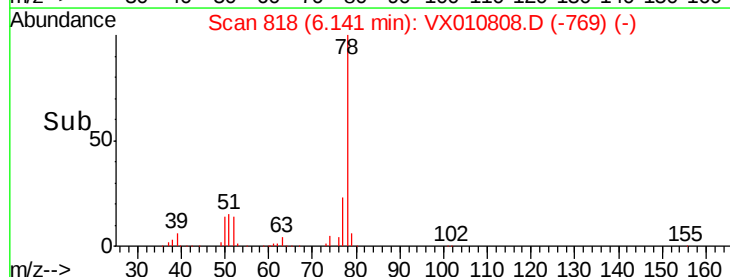
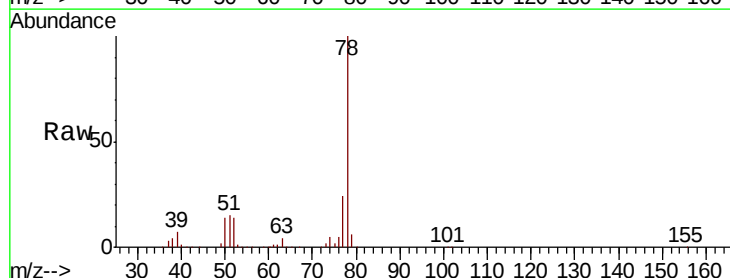
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

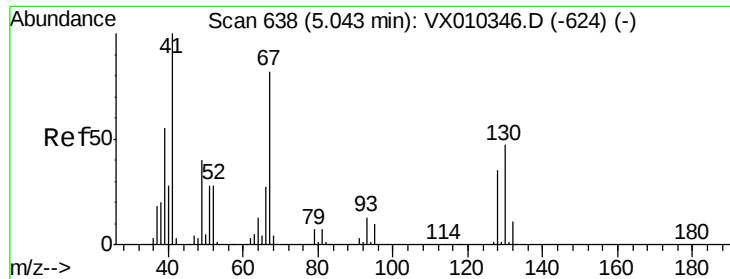
Tot Ion: 83 Resp: 66948
Ion Ratio Lower Upper
83 100
55 69.0 53.0 79.6
98 50.4 37.8 56.8



#40
Benzene
Concen: 20.374 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 78 Resp: 167555
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

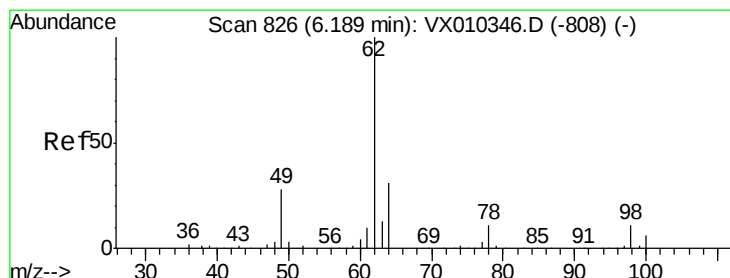
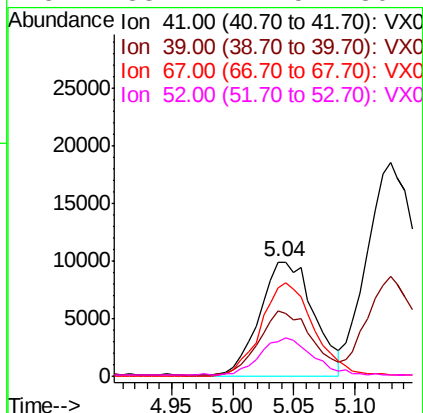
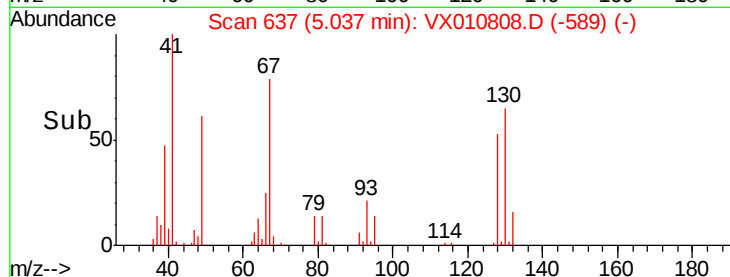
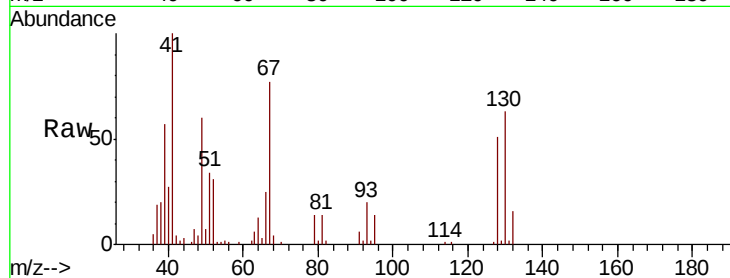




#41
Methacrylonitrile
Concen: 20.678 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

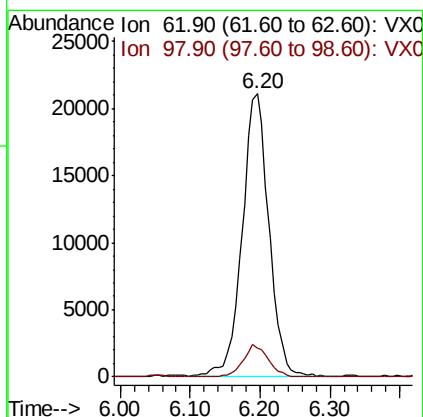
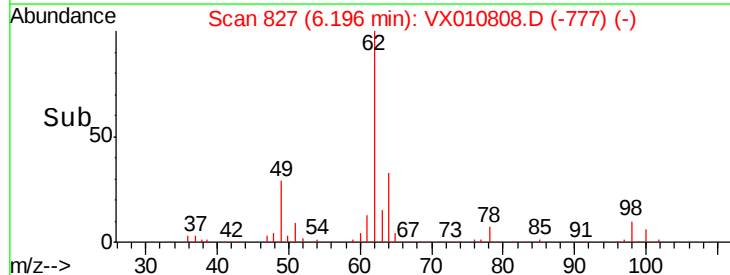
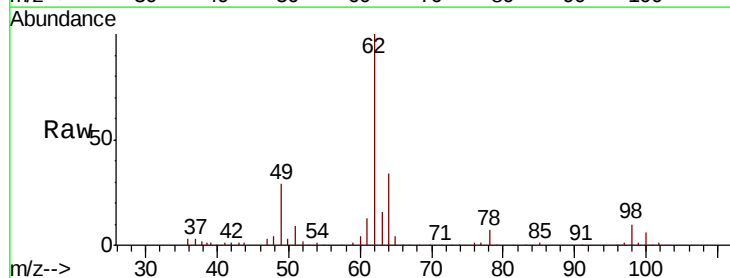
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

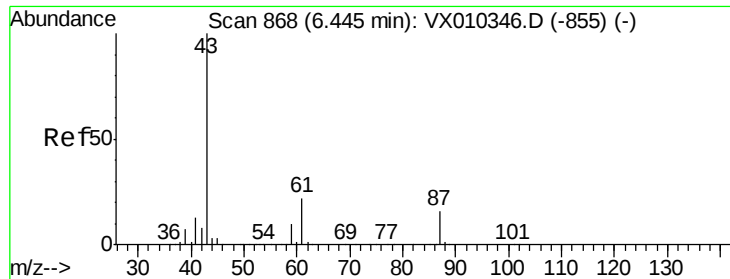
Tot Ion: 41 Resp: 30811
Ion Ratio Lower Upper
41 100
39 54.4 43.8 65.8
67 80.0 66.6 100.0
52 33.2 24.5 36.7



#42
1,2-Dichloroethane
Concen: 22.427 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 62 Resp: 56143
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.2



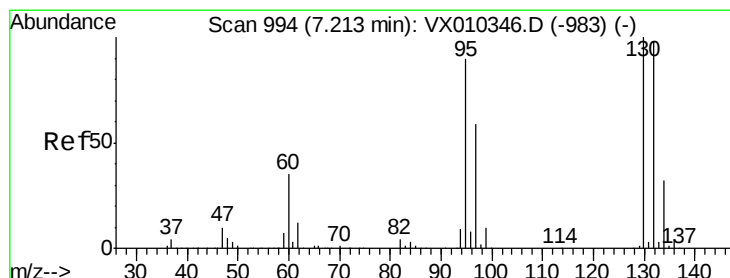
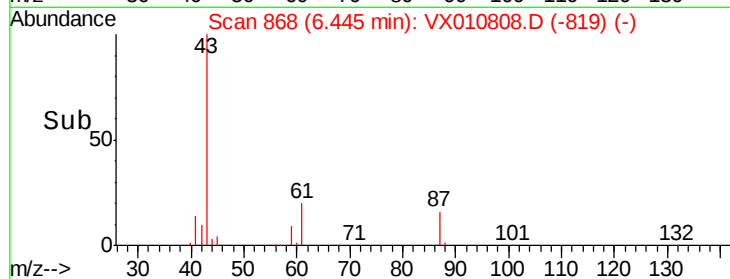
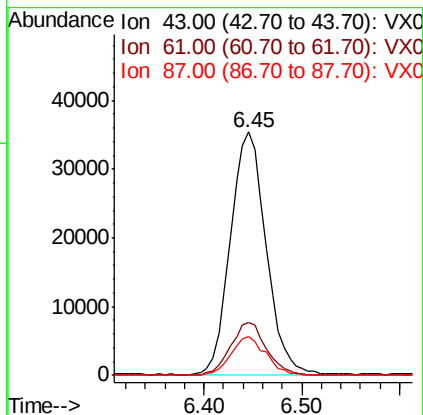
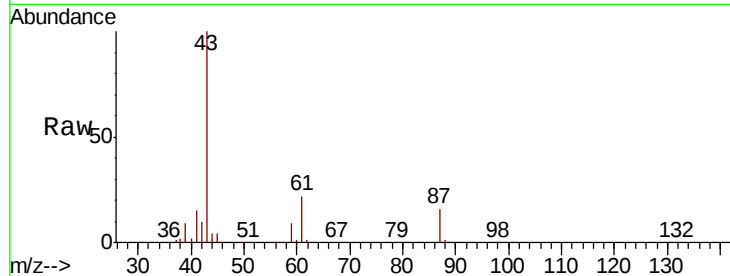


#43

Isopropyl Acetate
 Concen: 19.969 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

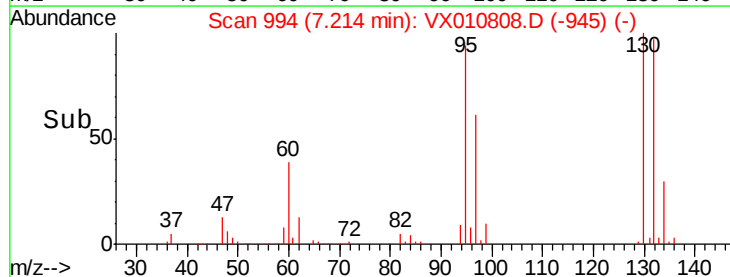
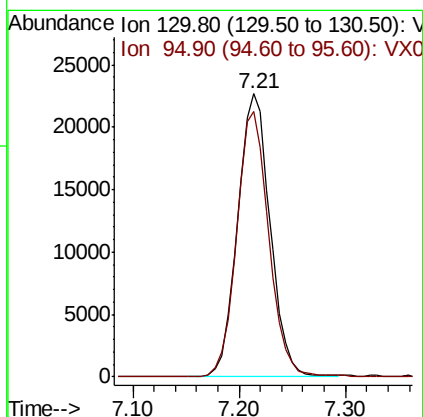
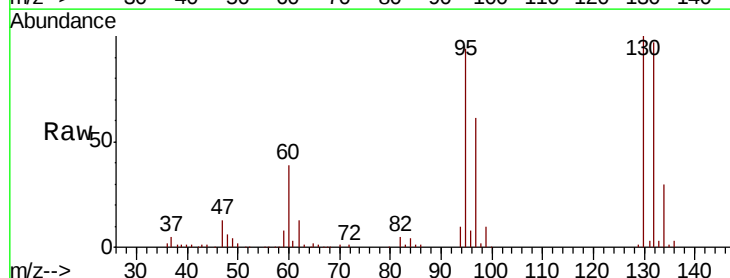
Tot Ion: 43 Resp: 89719
 Ion Ratio Lower Upper
 43 100
 61 21.8 17.8 26.6
 87 15.7 13.0 19.4

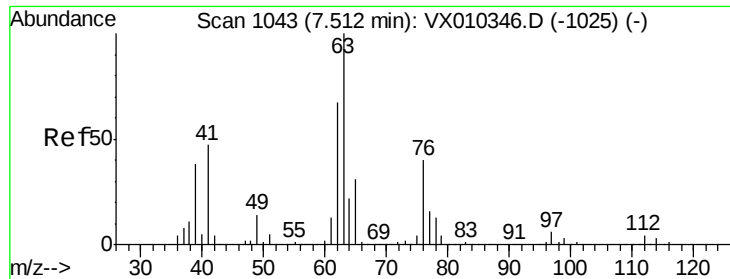


#44

Trichloroethene
 Concen: 19.812 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion:130 Resp: 48753
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 180.8





#45

1,2-Dichloropropane

Concen: 20.510 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

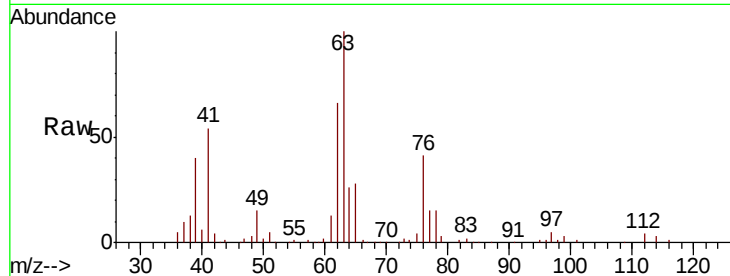
VX0711WBSD02

Tot Ion: 63 Resp: 42594

Ion Ratio Lower Upper

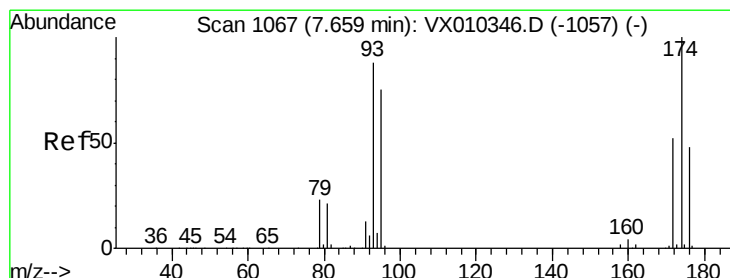
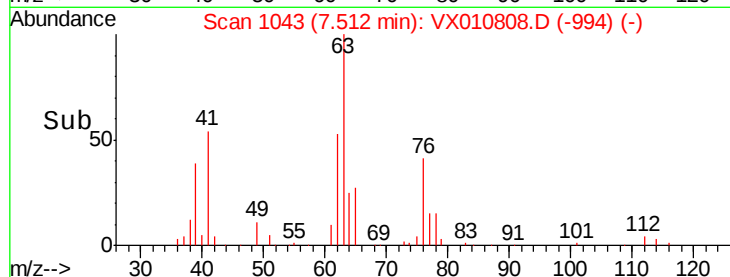
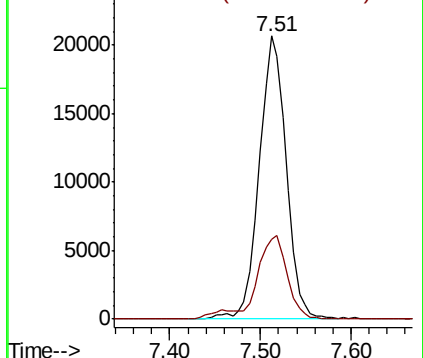
63 100

65 28.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.079 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

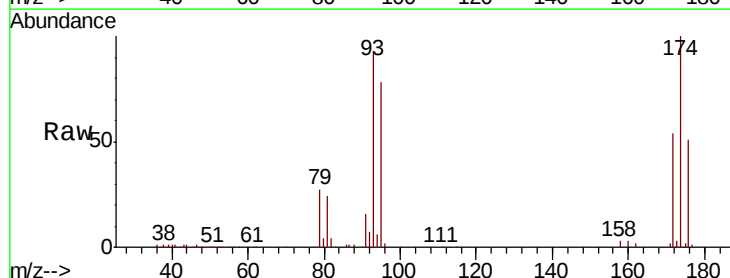
Tgt Ion: 93 Resp: 29919

Ion Ratio Lower Upper

93 100

95 85.3 67.5 101.3

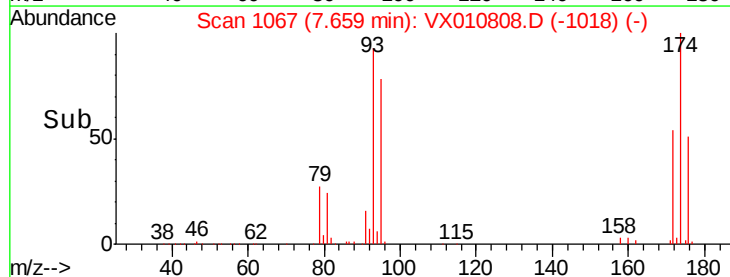
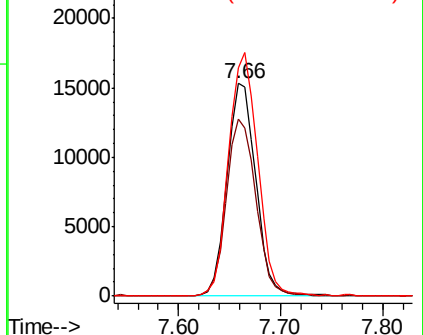
174 116.2 95.8 143.6

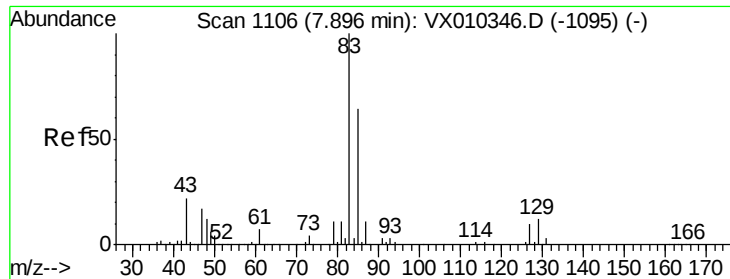


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.553 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

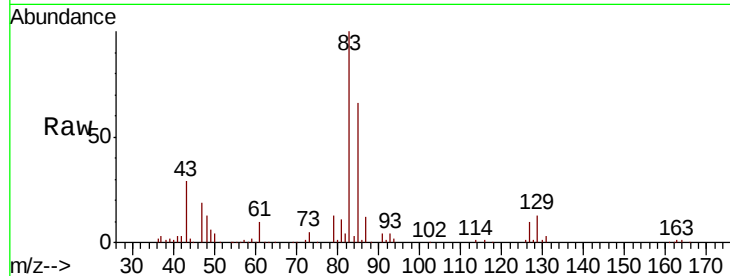
Tot Ion: 83 Resp: 50662

Ion Ratio Lower Upper

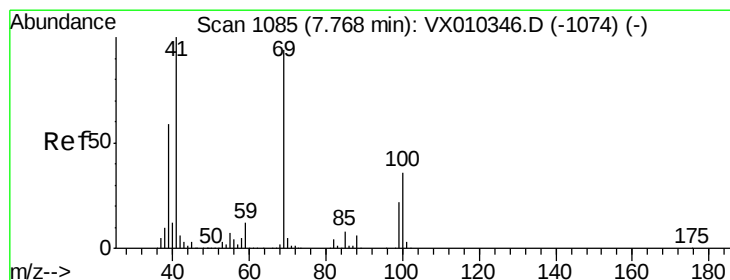
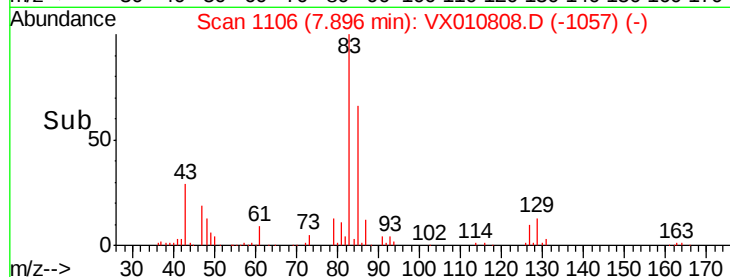
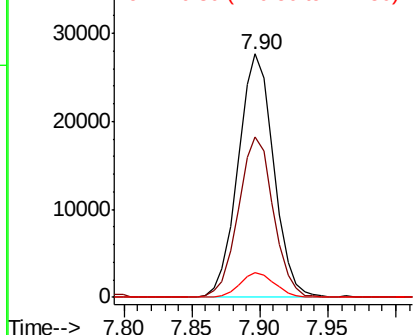
83 100

85 65.8 51.5 77.3

127 10.1 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.724 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

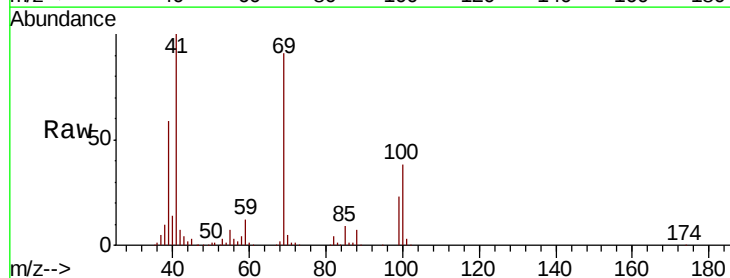
Tgt Ion: 41 Resp: 43279

Ion Ratio Lower Upper

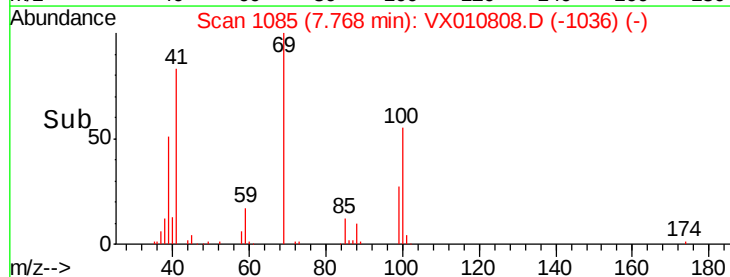
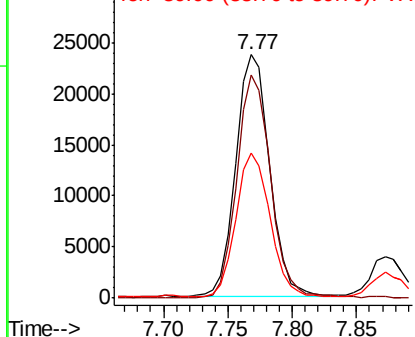
41 100

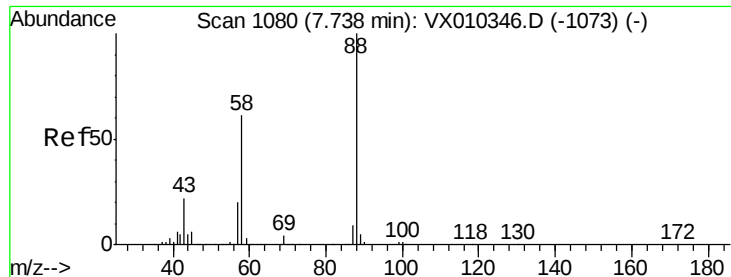
69 92.1 76.1 114.1

39 59.2 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 407.424 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

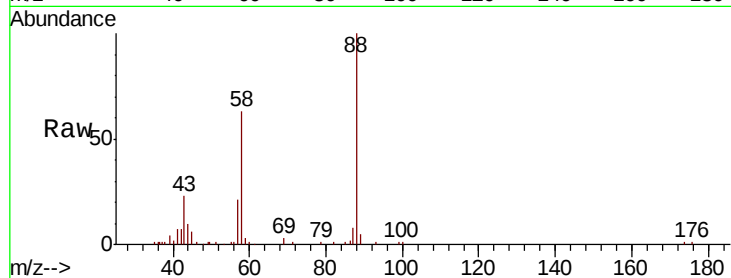
Tot Ion: 88 Resp: 24511

Ion Ratio Lower Upper

88 100

43 25.9 20.2 30.2

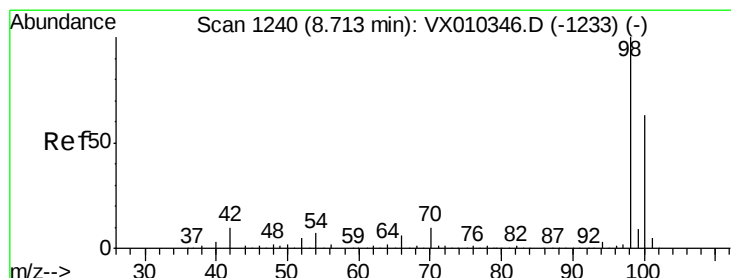
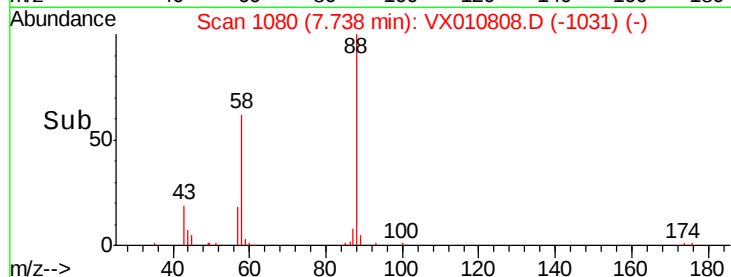
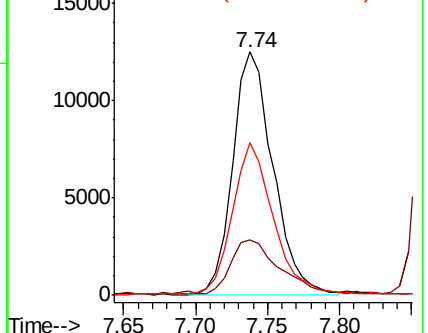
58 65.1 49.5 74.3



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: 48.295 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010808.D

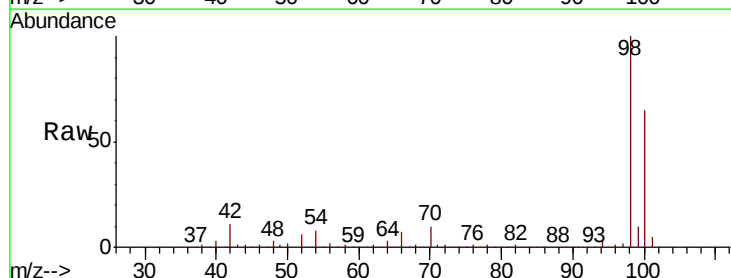
Acq: 11 Jul 2019 15:37

Tgt Ion: 98 Resp: 375520

Ion Ratio Lower Upper

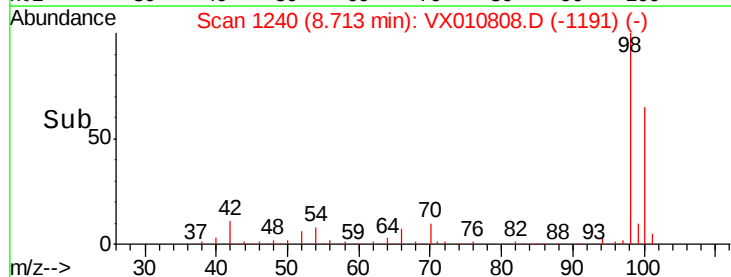
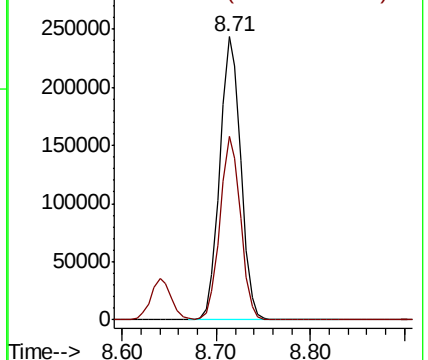
98 100

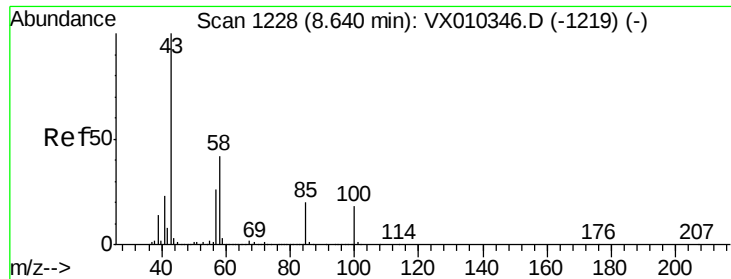
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 107.097 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

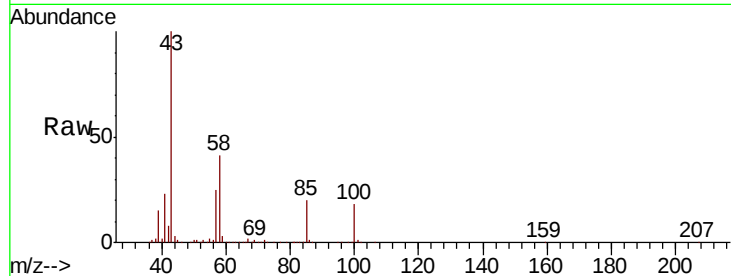
VX0711WBSD02

Tot Ion: 43 Resp: 307746

Ion Ratio Lower Upper

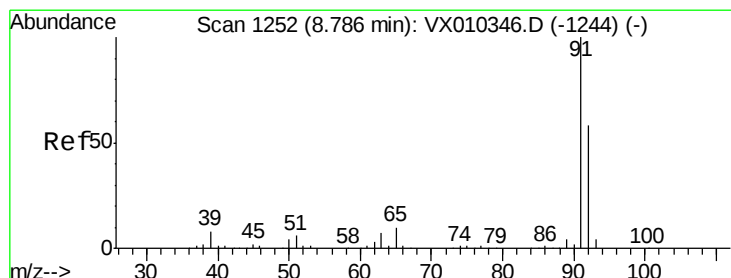
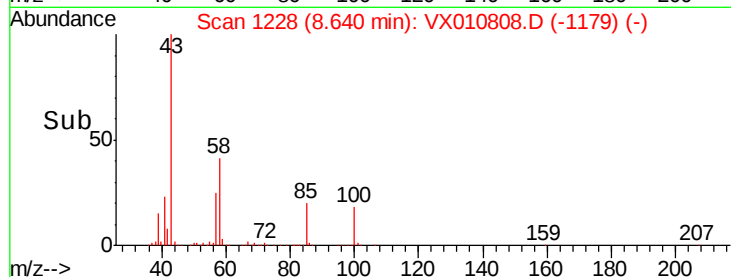
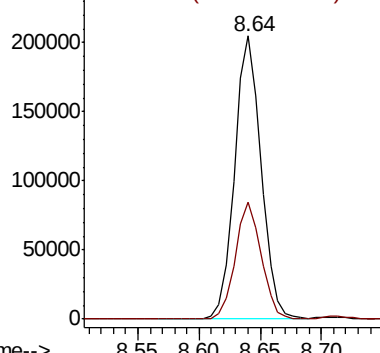
43 100

58 40.6 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.018 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010808.D

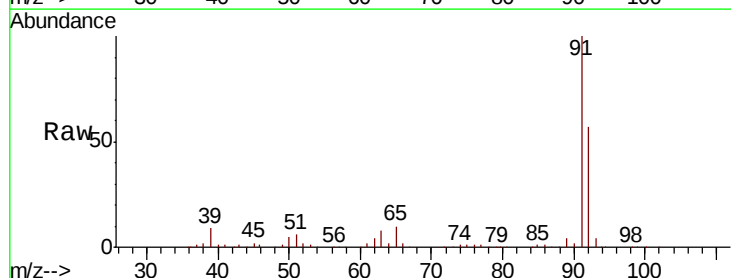
Acq: 11 Jul 2019 15:37

Tgt Ion: 92 Resp: 108414

Ion Ratio Lower Upper

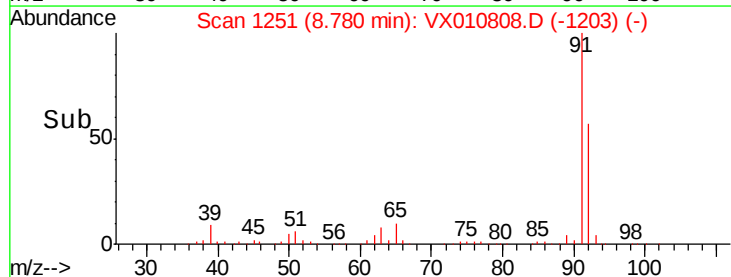
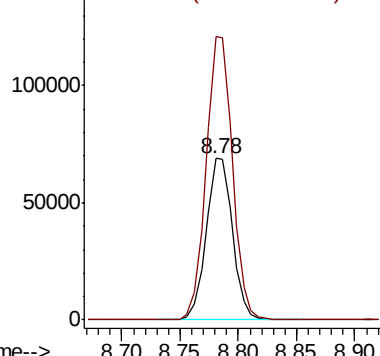
92 100

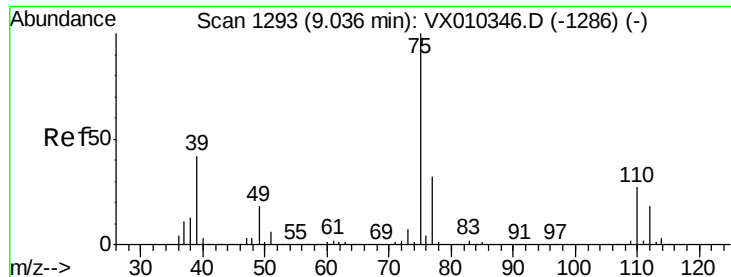
91 176.5 139.8 209.6



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: 17.257 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

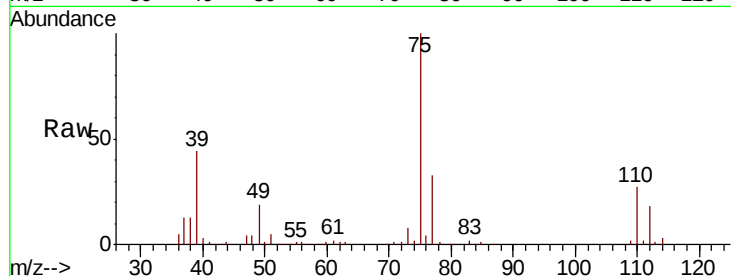
VX0711WBSD02

Tot Ion: 75 Resp: 52833

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

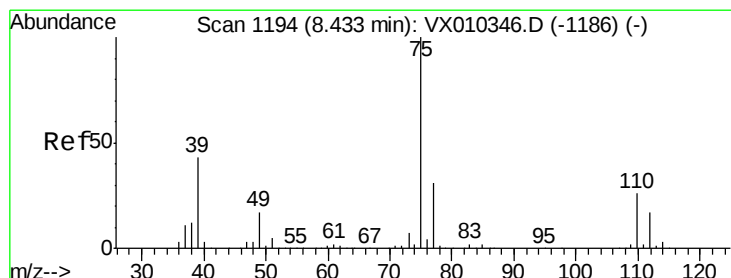
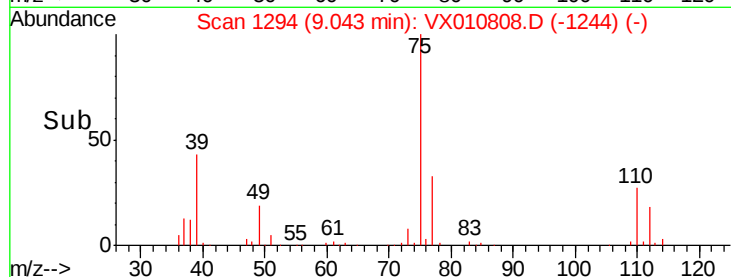
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.543 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

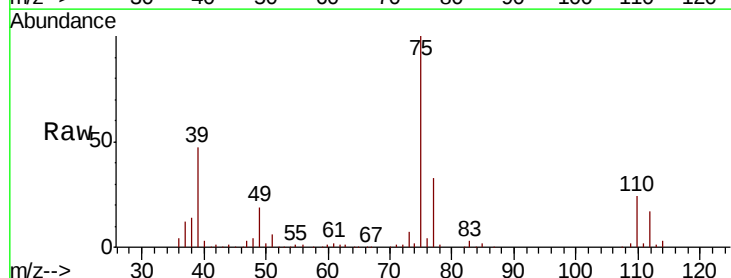
Tgt Ion: 75 Resp: 61692

Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8

39 46.9 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

50000

40000

30000

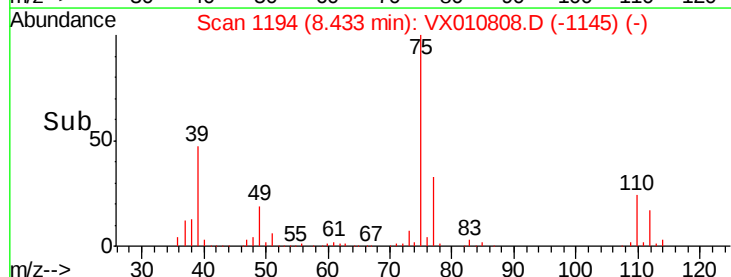
20000

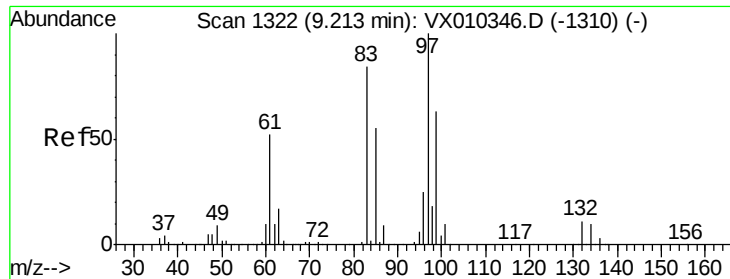
10000

0

8.40 8.50

Time-->

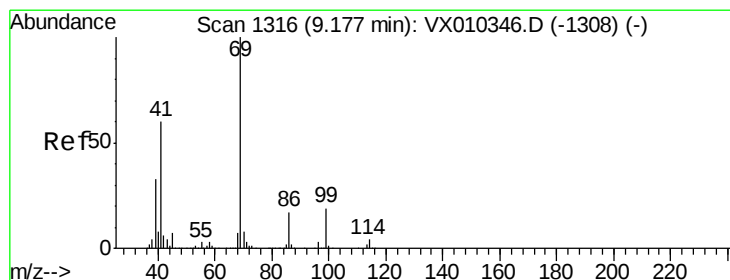
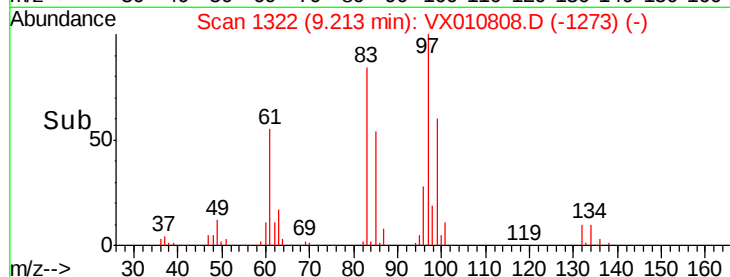
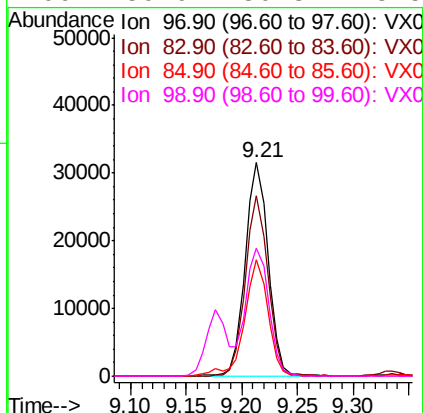
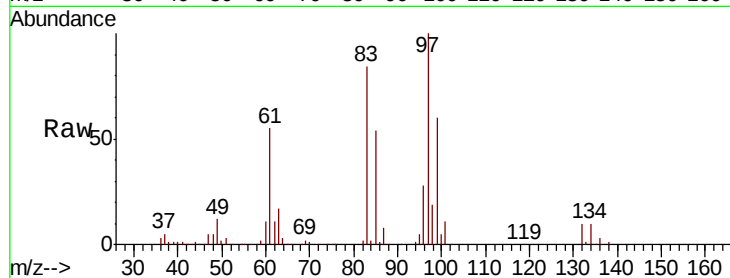




#55
 1,1,2-Trichloroethane
 Concen: 20.323 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

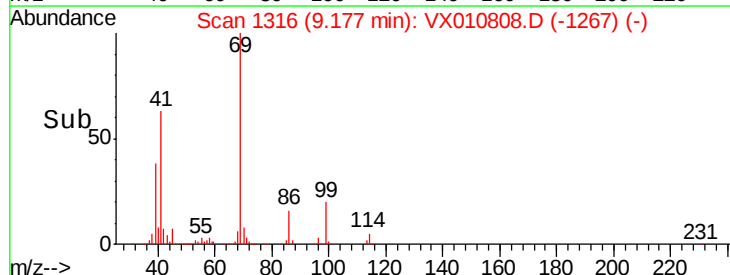
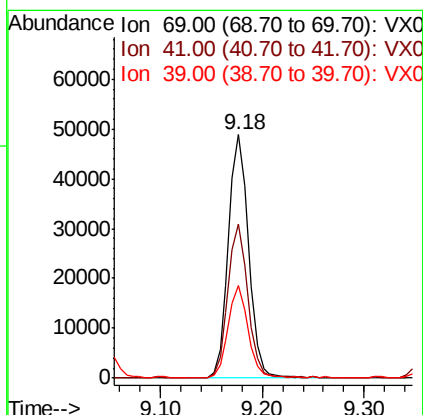
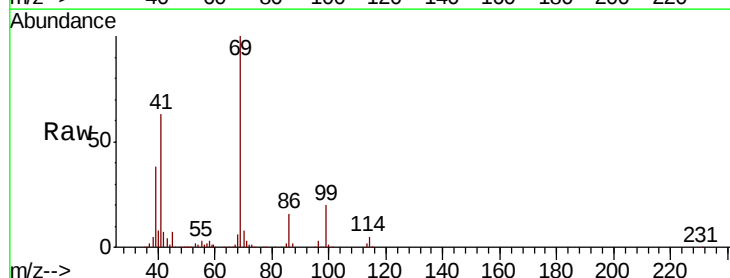
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

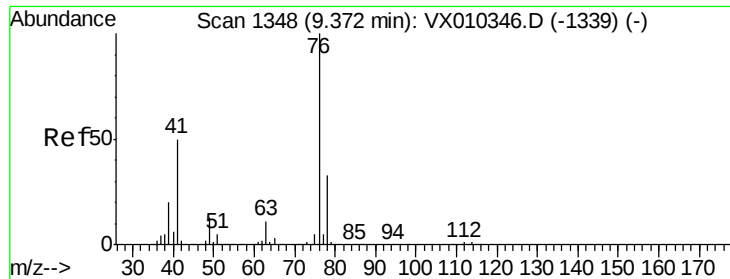
Tot Ion:	97	Resp:	45392
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	54.4	43.8	65.8
99	59.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.838 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion:	69	Resp:	67122
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.1	70.7
39	36.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.555 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

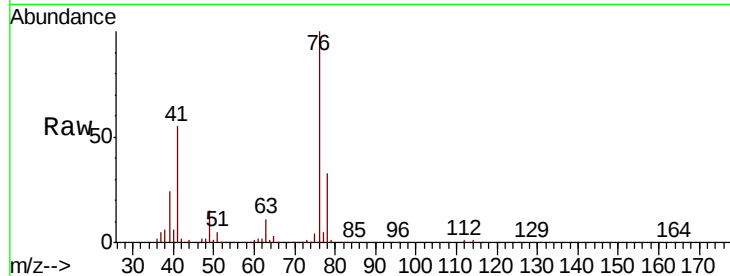
VX0711WBSD02

Tot Ion: 76 Resp: 71266

Ion Ratio Lower Upper

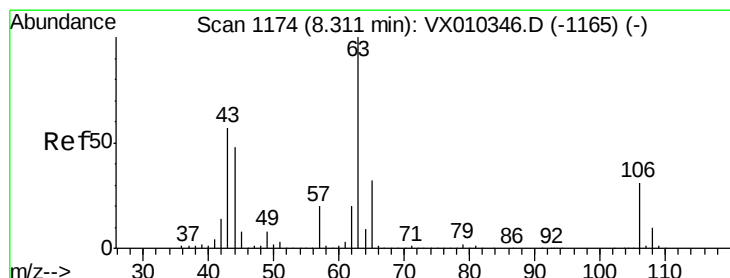
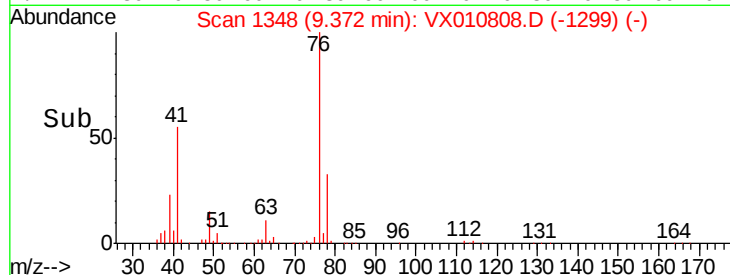
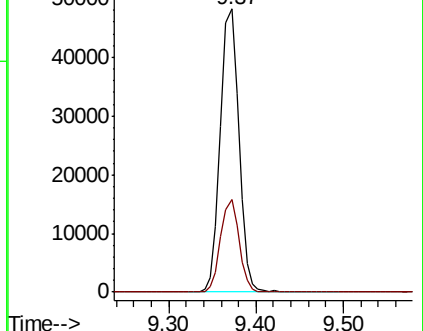
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.039 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010808.D

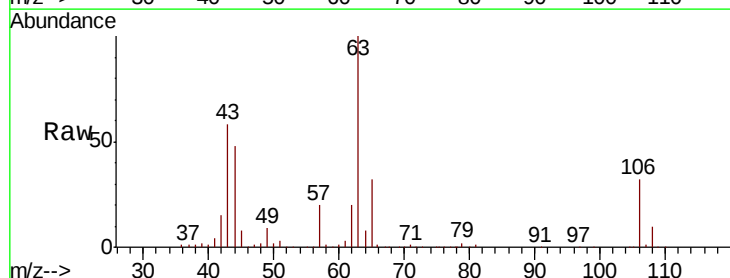
Acq: 11 Jul 2019 15:37

Tgt Ion: 63 Resp: 151116

Ion Ratio Lower Upper

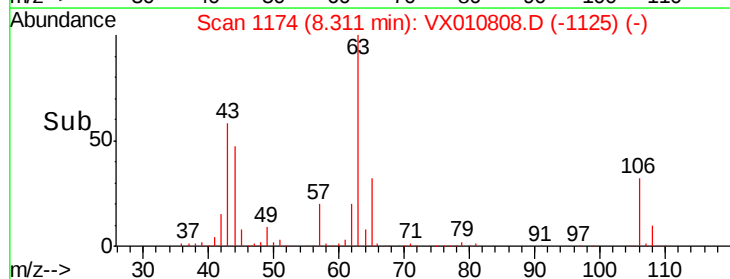
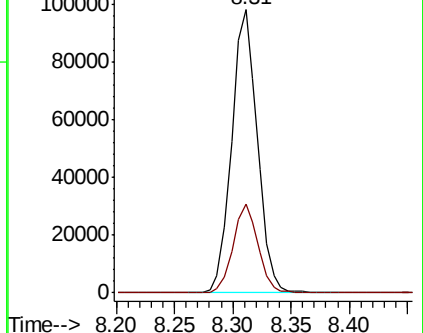
63 100

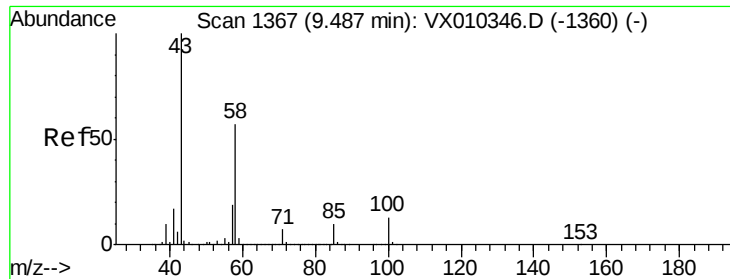
106 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

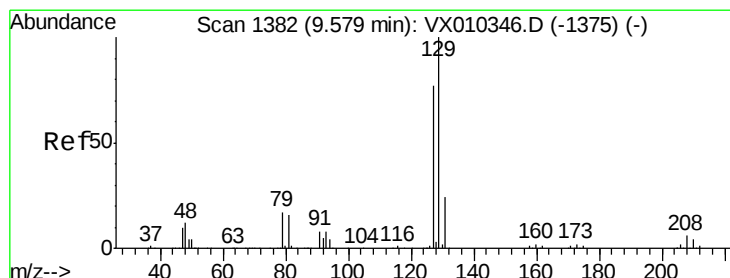
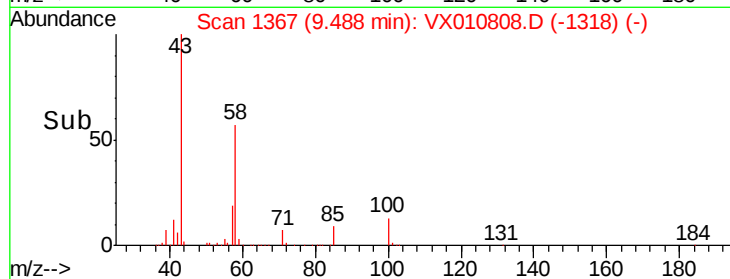
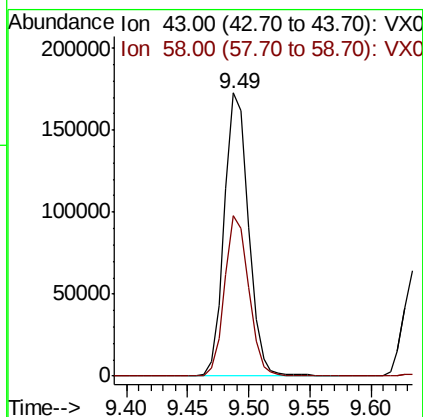
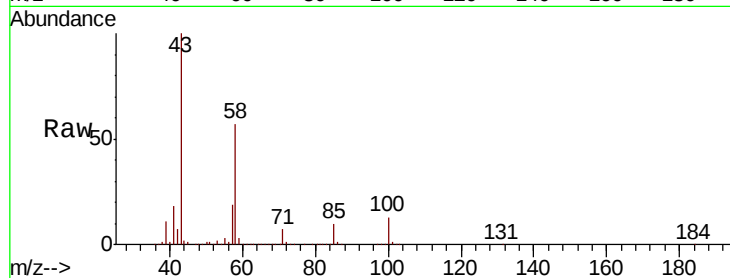




#59
2-Hexanone
Concen: 104.902 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

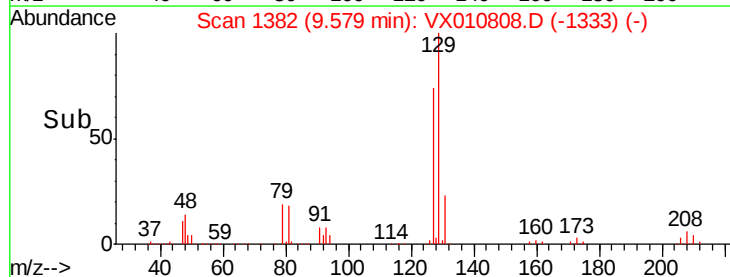
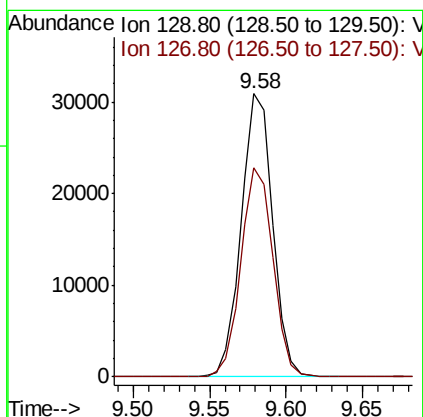
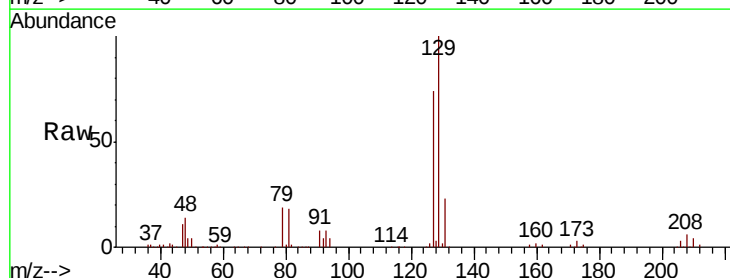
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

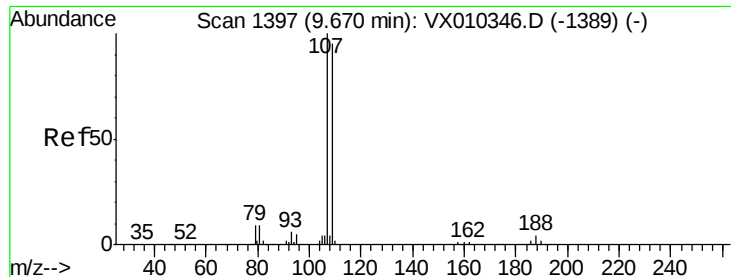
Tot Ion: 43 Resp: 237243
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.1



#60
Dibromochloromethane
Concen: 17.649 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 129 Resp: 44138
Ion Ratio Lower Upper
129 100
127 75.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.588 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

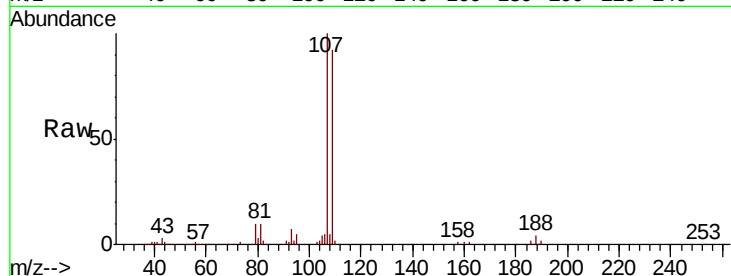
VX0711WBSD02

Tot Ion:107 Resp: 47224

Ion Ratio Lower Upper

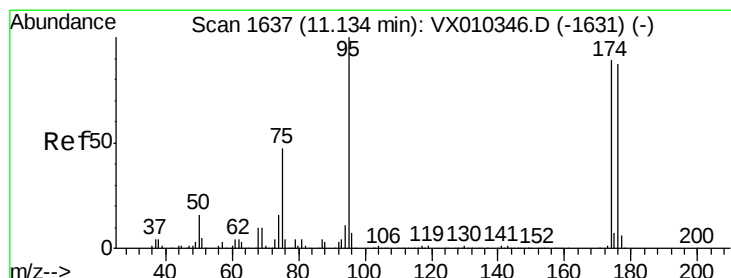
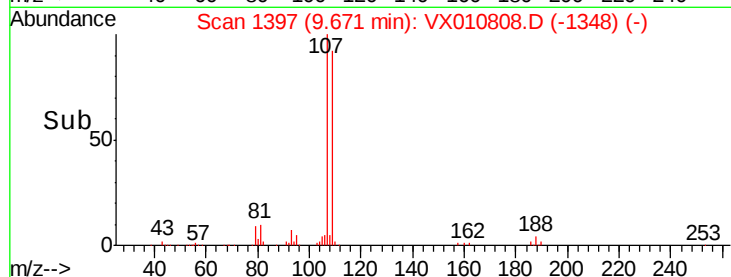
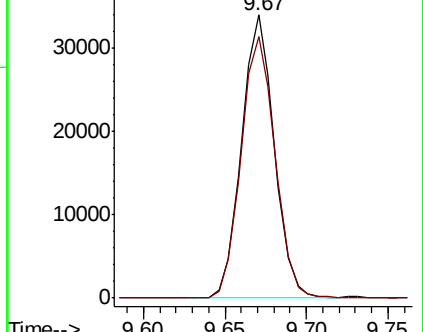
107 100

109 96.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

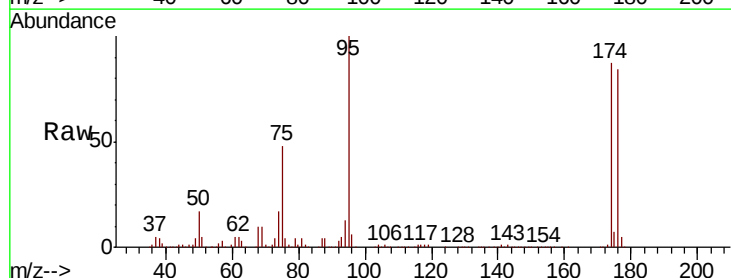
Tgt Ion: 95 Resp: 138454

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.6

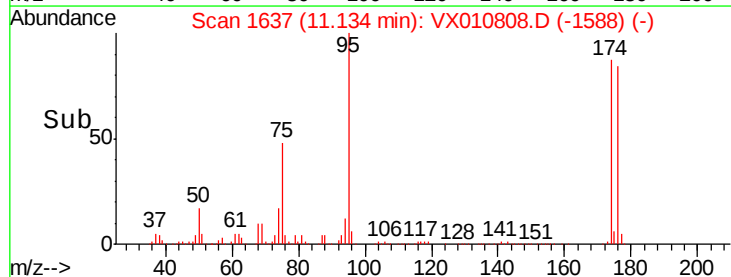
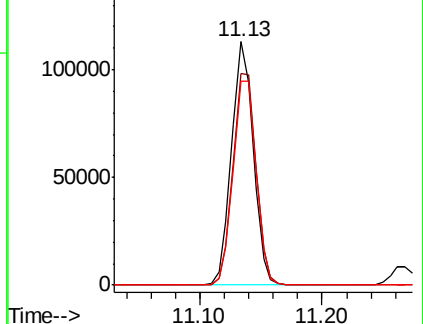
176 89.7 0.0 184.0

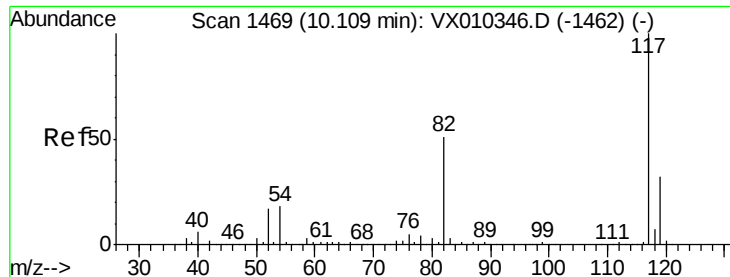


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

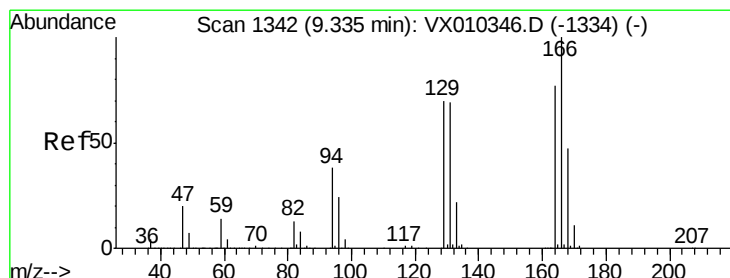
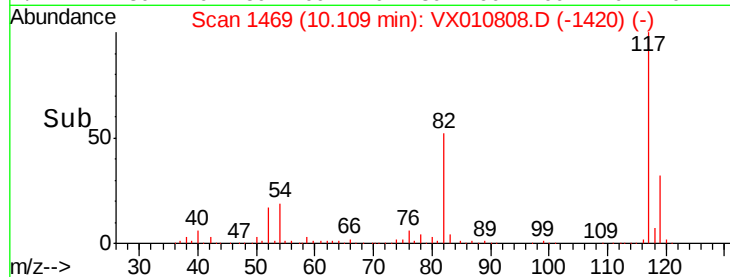
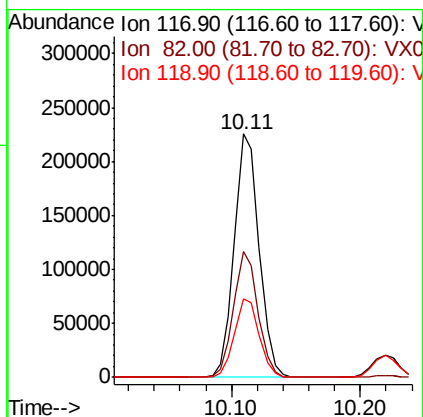
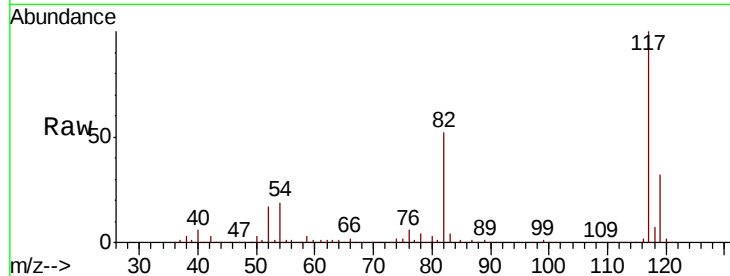




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

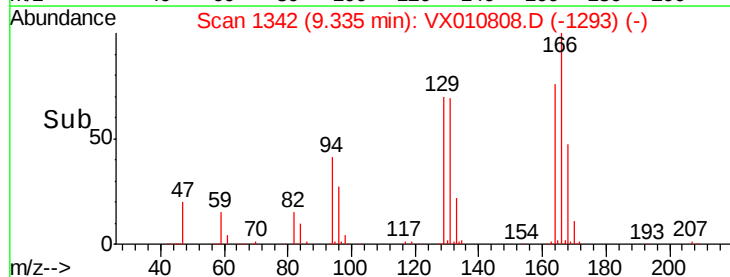
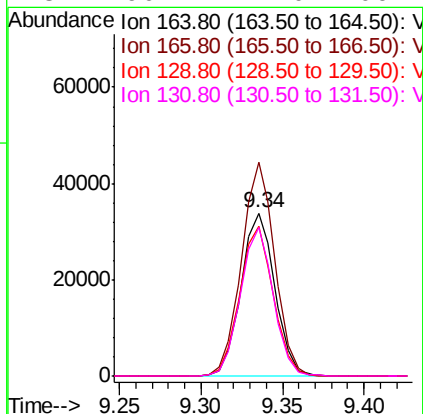
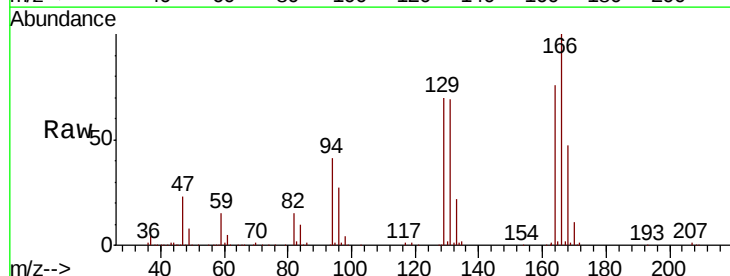
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

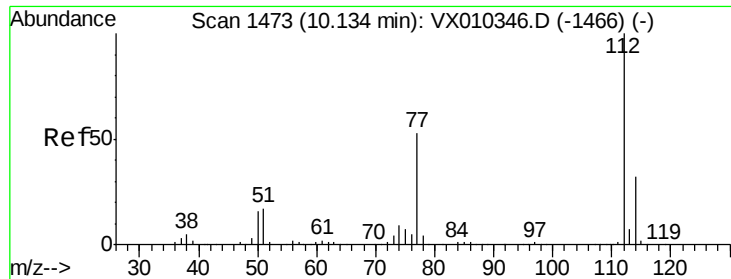
Tot Ion:117 Resp: 304504
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 19.791 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion:164 Resp: 48744
Ion Ratio Lower Upper
164 100
166 130.9 103.6 155.4
129 92.1 73.0 109.4
131 90.7 71.0 106.4

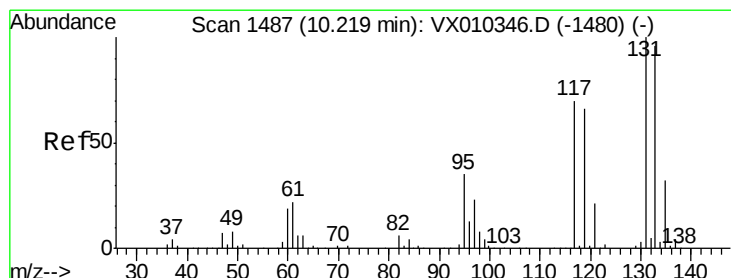
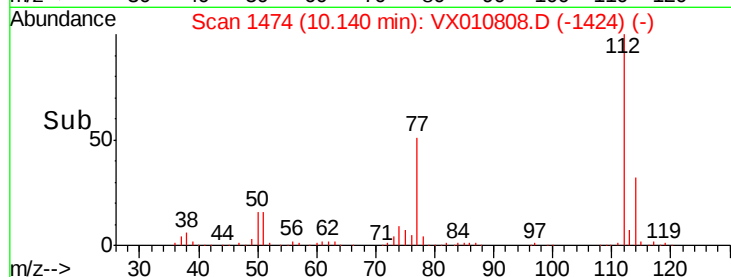
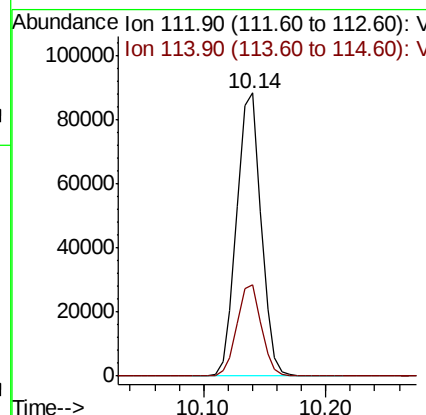
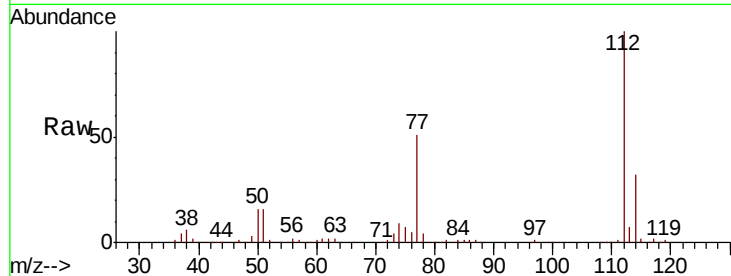




#65
Chlorobenzene
Concen: 19.704 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

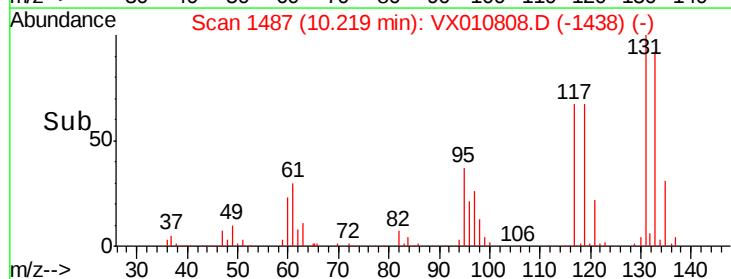
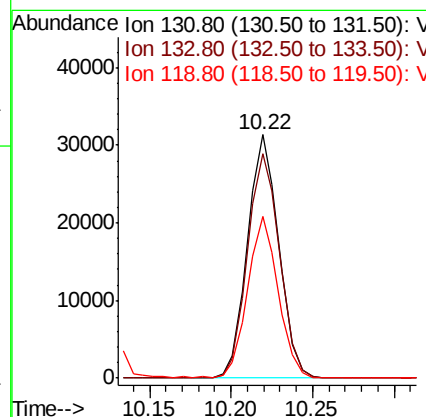
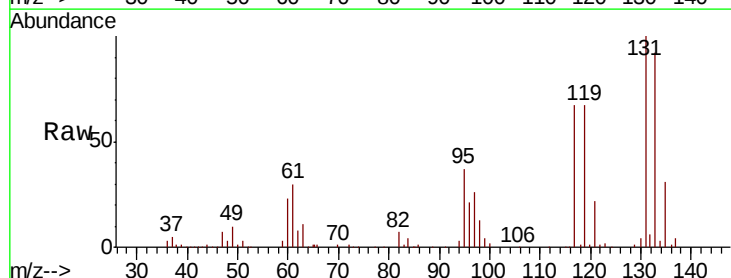
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

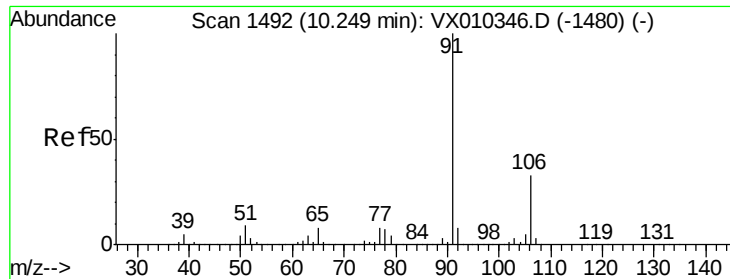
Tot Ion:112 Resp: 121808
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.603 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion:131 Resp: 41891
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 65.6 32.6 97.7

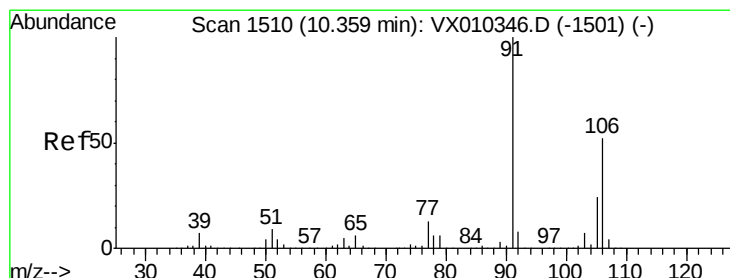
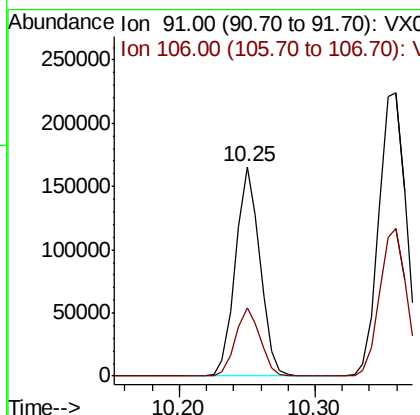
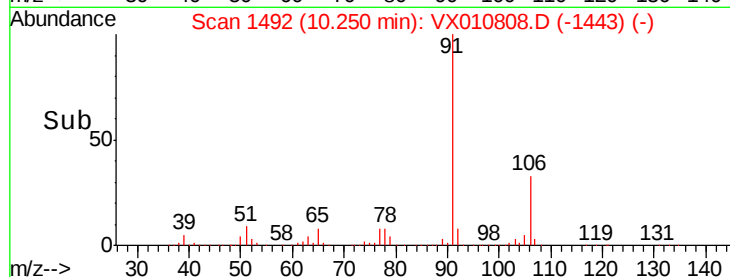
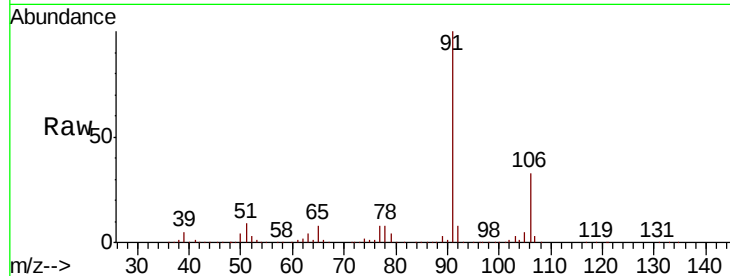




#67
Ethyl Benzene
Concen: 19.866 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

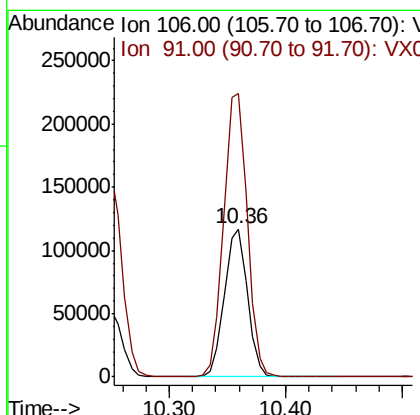
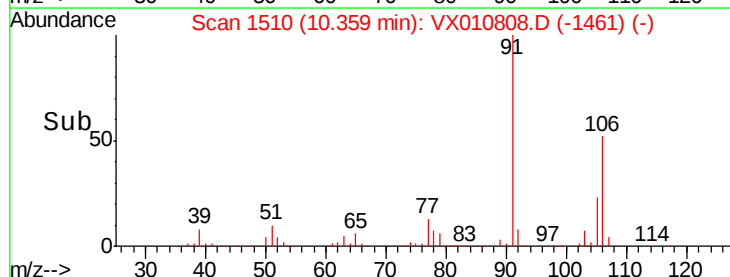
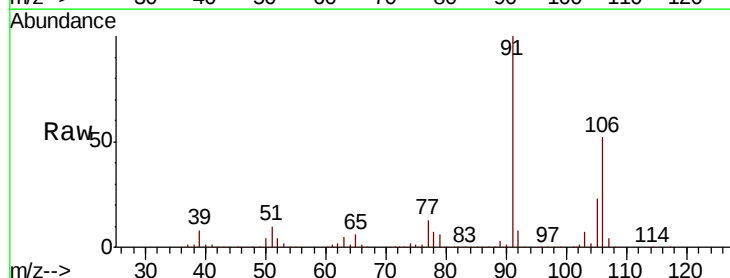
Instrument :
MSVOA_X
ClientSampleID :
VX0711WBSD02

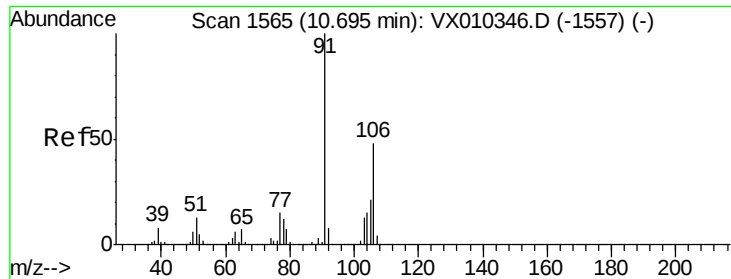
Tot Ion: 91 Resp: 207334
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2



#68
m/p-Xylenes
Concen: 39.759 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 106 Resp: 160784
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9

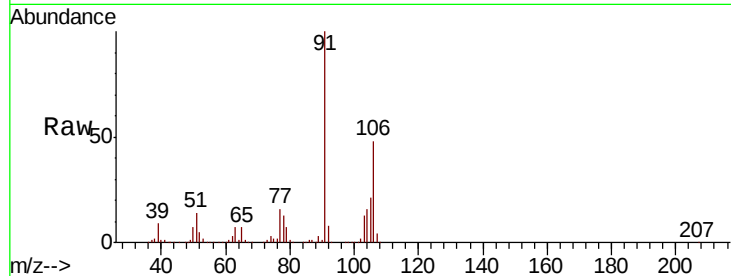




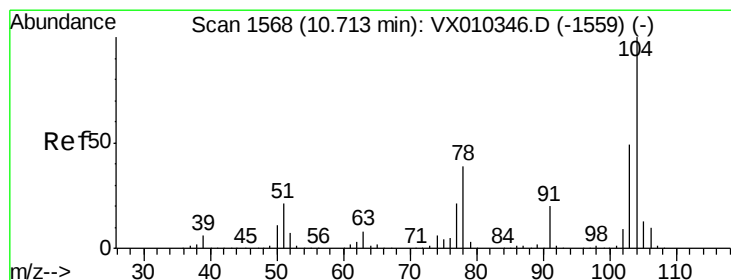
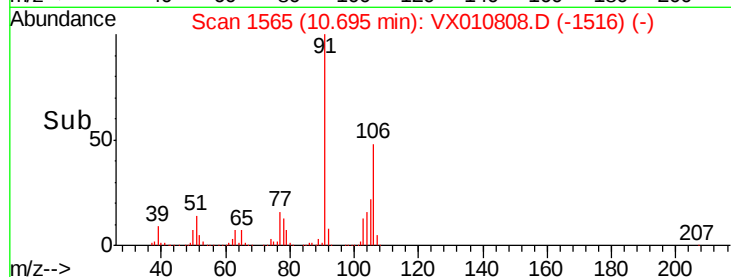
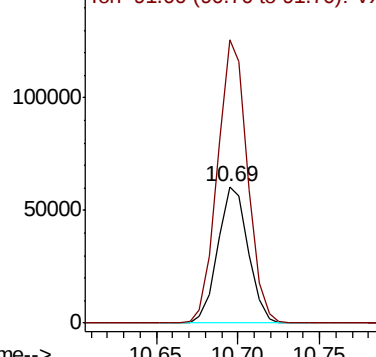
#69
o-Xylene
Concen: 19.827 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

Tot Ion:106 Resp: 78847
Ion Ratio Lower Upper
106 100
91 205.2 102.7 308.1

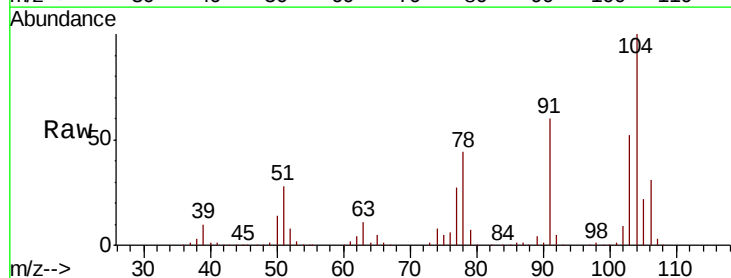


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

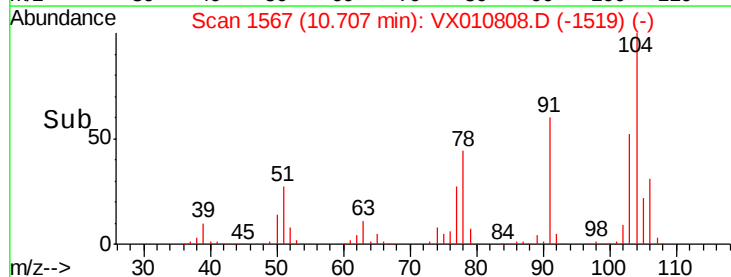
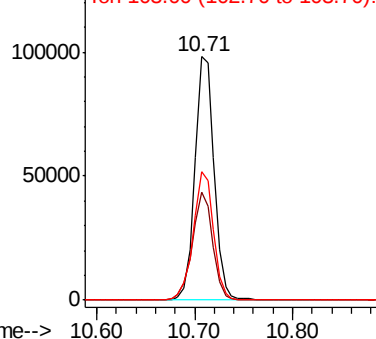


#70
Styrene
Concen: 20.016 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion:104 Resp: 133490
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 15.960 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

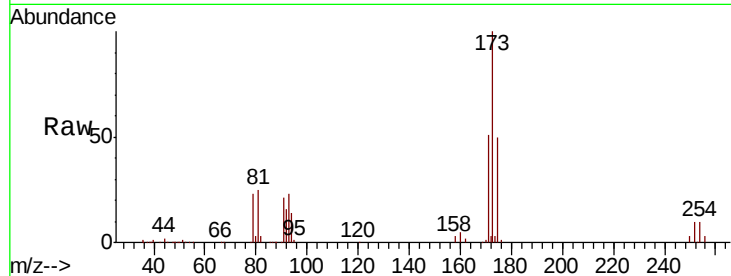
Tot Ion:173 Resp: 31253

Ion Ratio Lower Upper

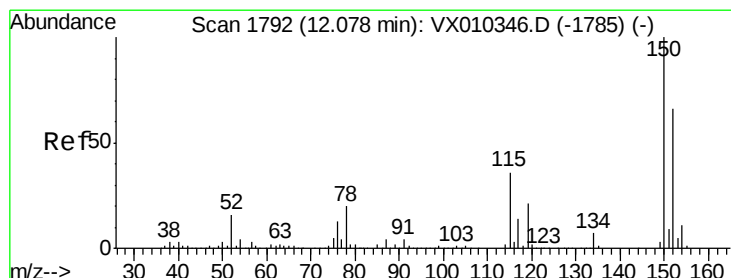
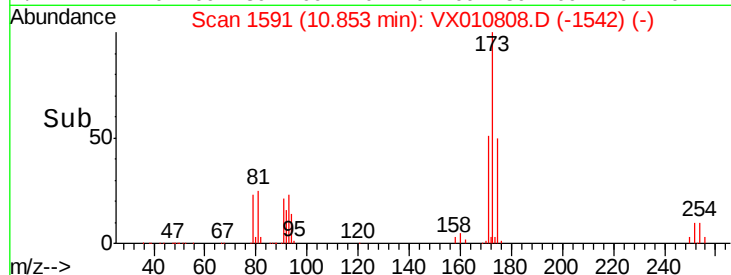
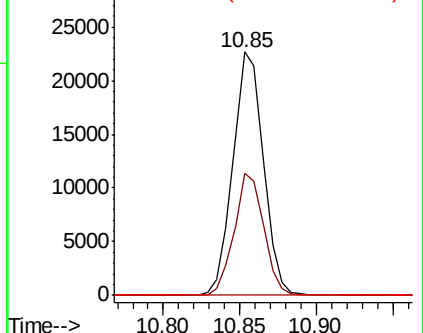
173 100

175 48.6 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

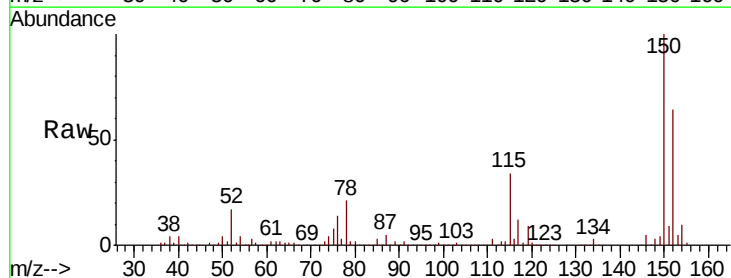
Tgt Ion:152 Resp: 156741

Ion Ratio Lower Upper

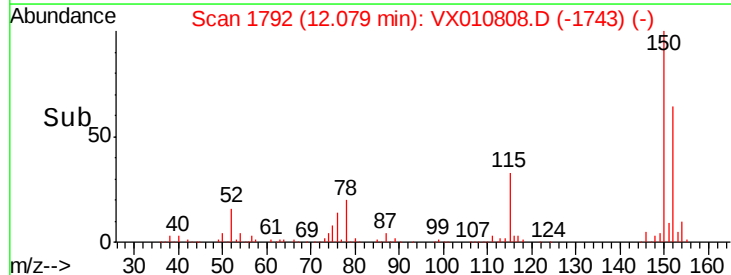
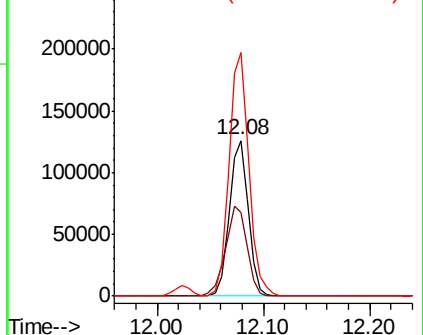
152 100

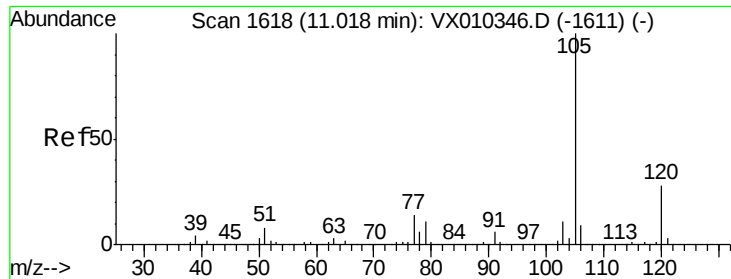
115 65.2 38.6 115.7

150 163.9 0.0 347.4



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





#73

Isopropylbenzene

Concen: 19.719 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

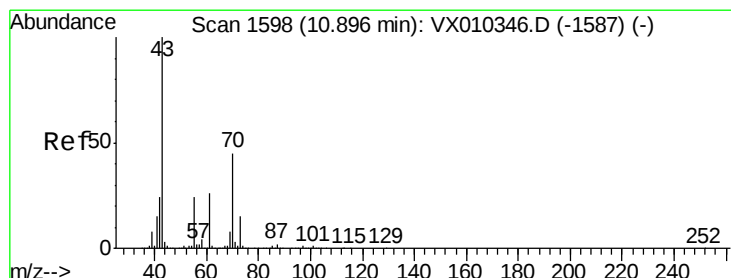
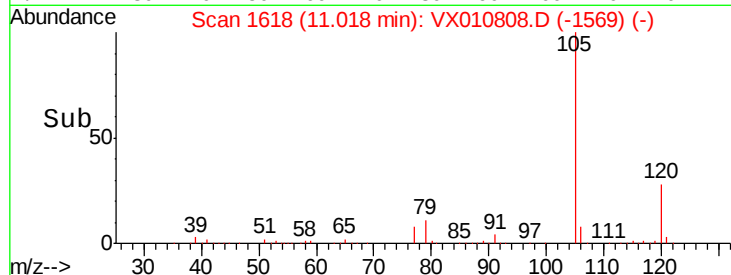
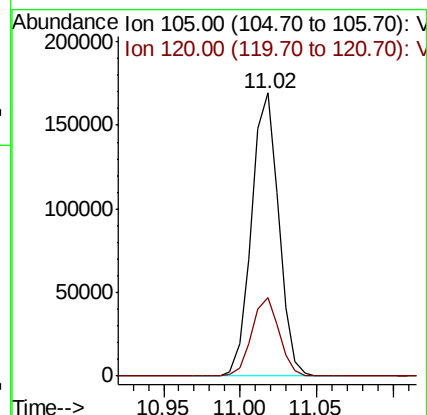
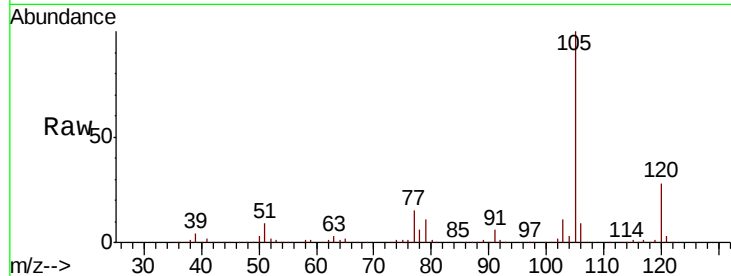
VX0711WBSD02

Tot Ion:105 Resp: 209517

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



#74

N-ethyl acetate

Concen: 19.950 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Tgt Ion: 43 Resp: 80109

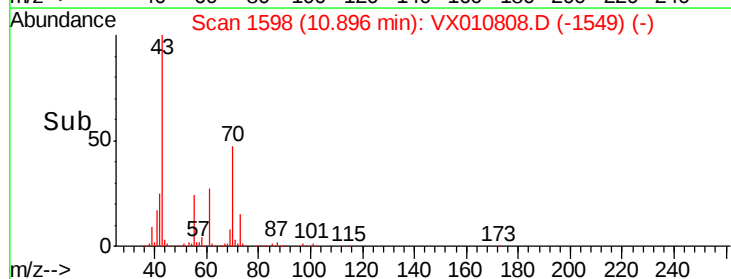
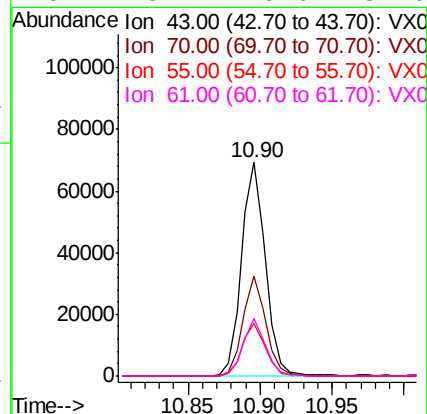
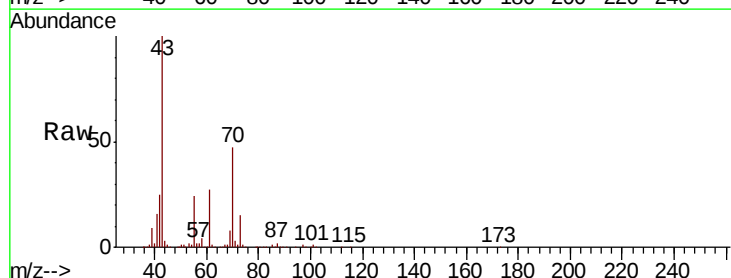
Ion Ratio Lower Upper

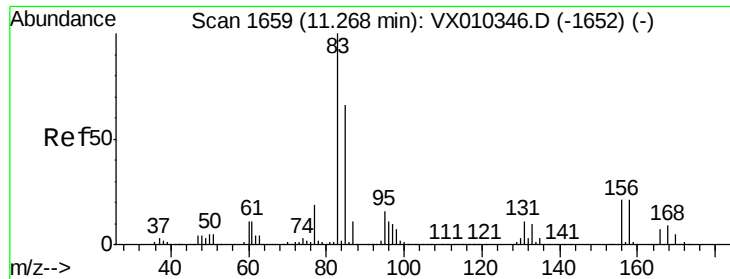
43 100

70 44.9 36.6 54.8

55 24.9 18.7 28.1

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.118 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX0711WBSD02

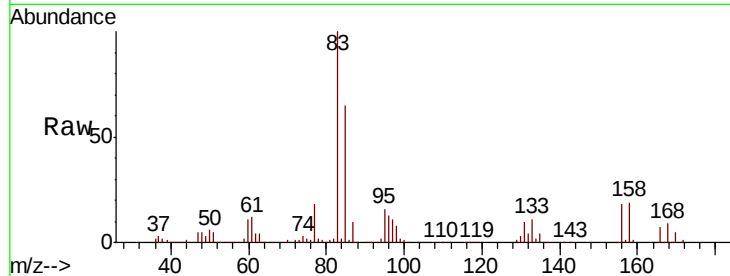
Tot Ion: 83 Resp: 70792

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

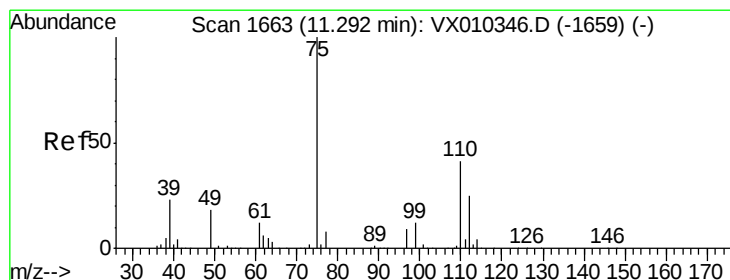
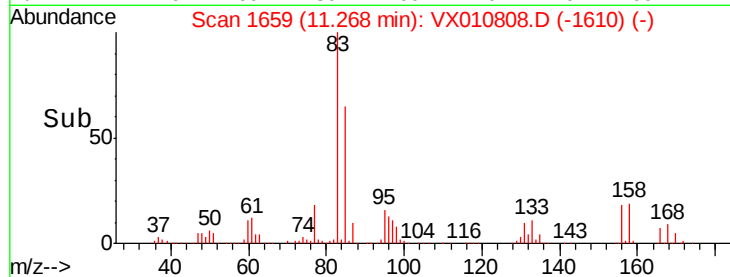
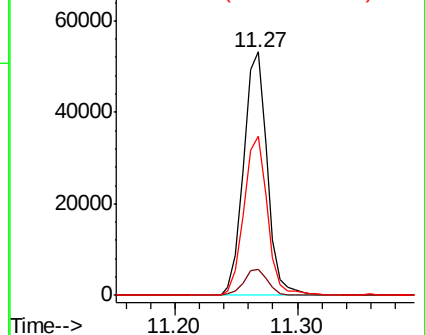
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.688 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010808.D

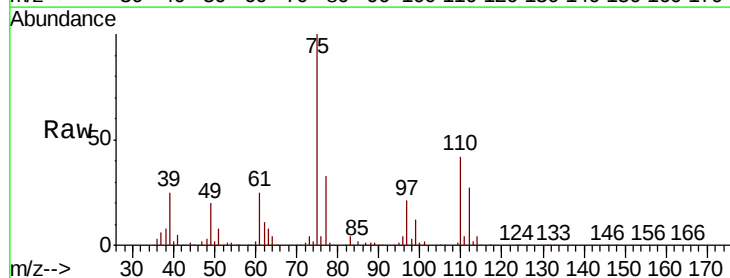
Acq: 11 Jul 2019 15:37

Tgt Ion: 75 Resp: 73372

Ion Ratio Lower Upper

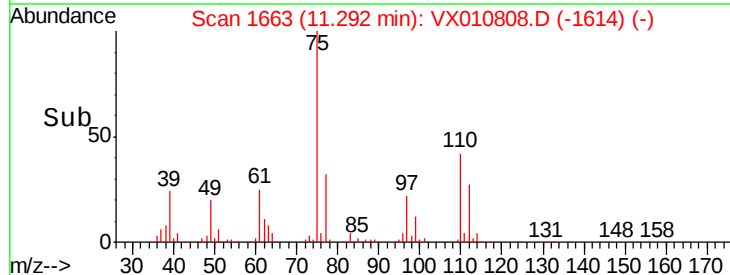
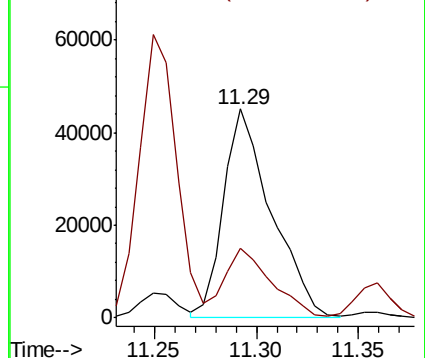
75 100

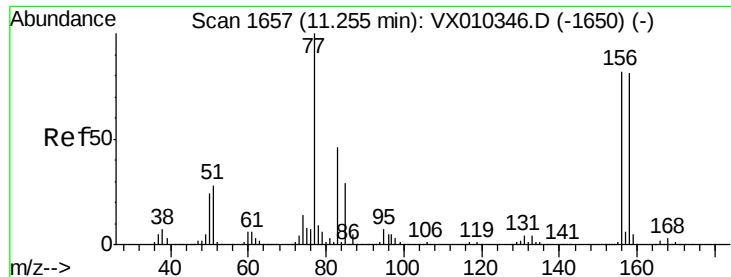
77 32.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.169 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

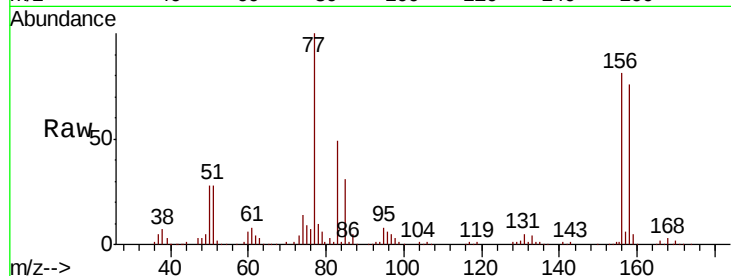
Tot Ion:156 Resp: 56871

Ion Ratio Lower Upper

156 100

77 136.4 66.3 198.7

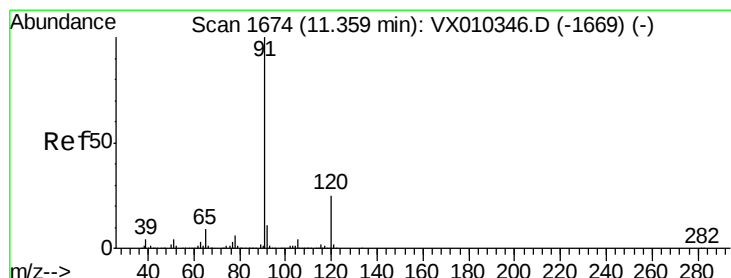
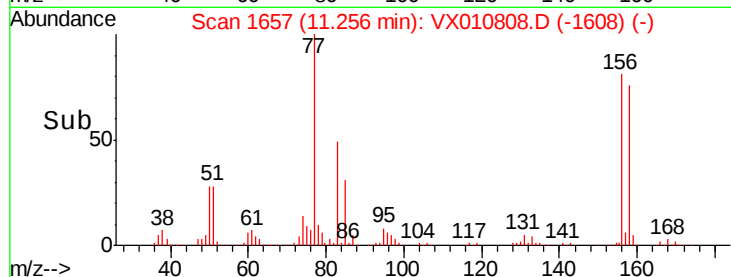
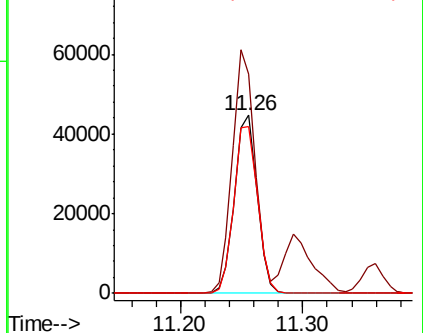
158 98.4 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.859 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010808.D

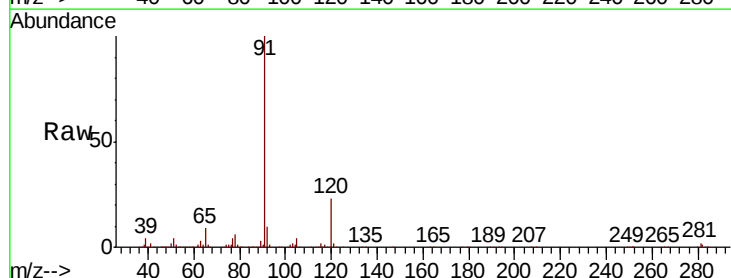
Acq: 11 Jul 2019 15:37

Tgt Ion: 91 Resp: 231897

Ion Ratio Lower Upper

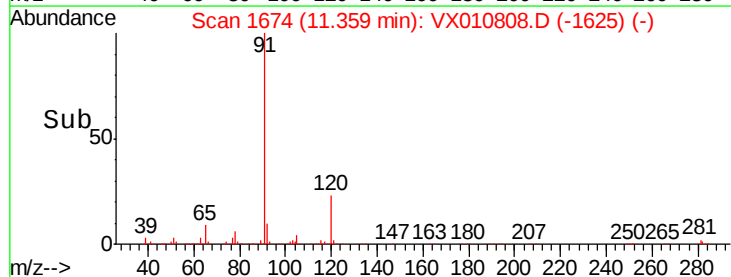
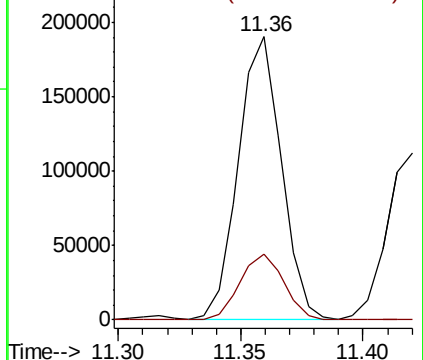
91 100

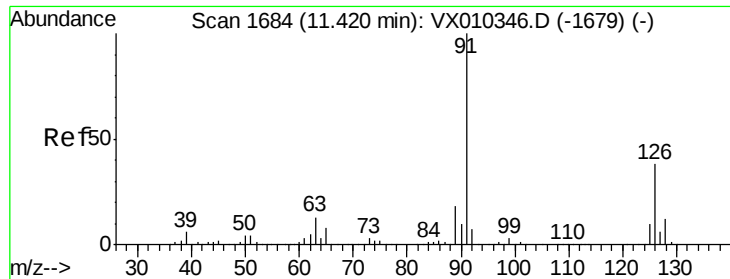
120 24.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

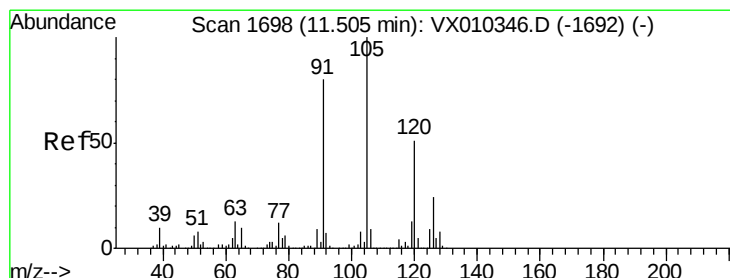
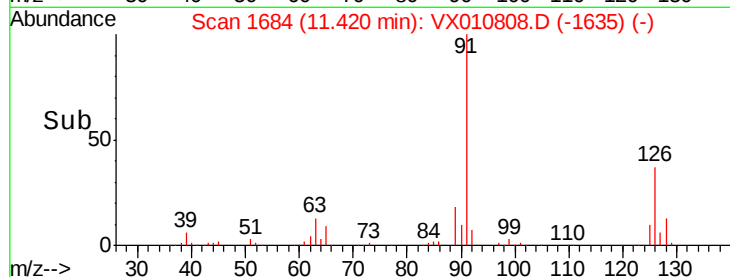
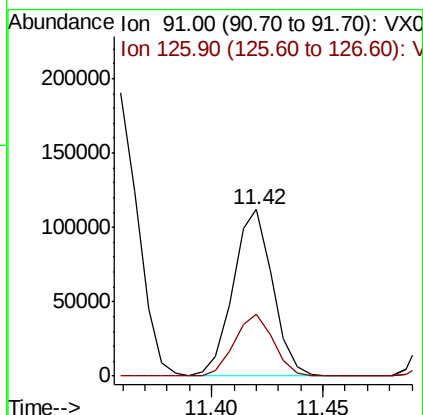
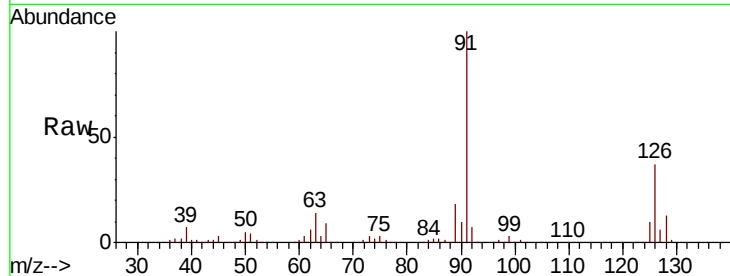




#79
2-Chlorotoluene
Concen: 19.786 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

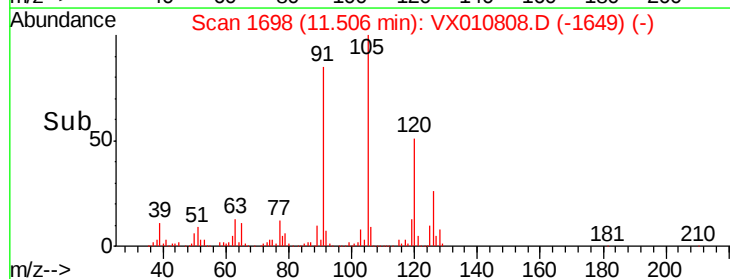
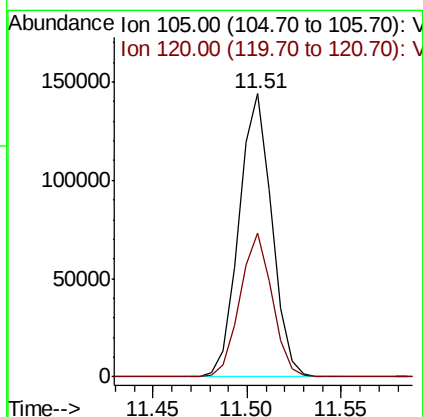
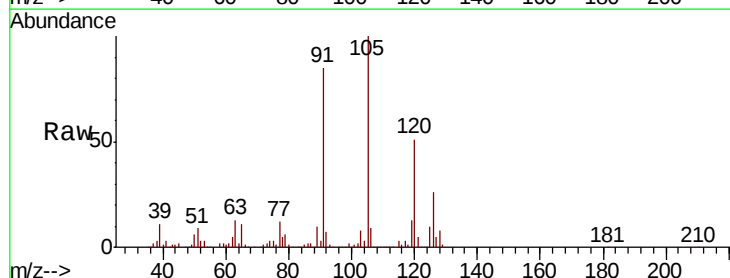
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

Tot Ion: 91 Resp: 137583
Ion Ratio Lower Upper
91 100
126 37.2 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 19.833 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion:105 Resp: 173719
Ion Ratio Lower Upper
105 100
120 49.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 14.361 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

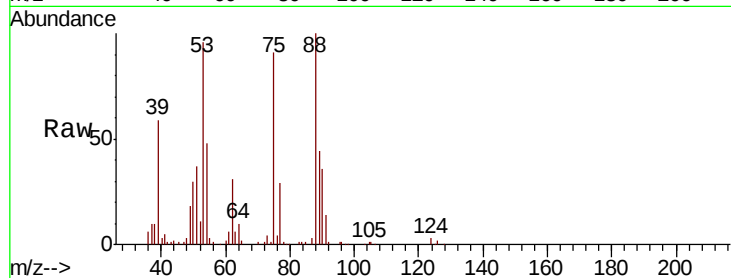
Tot Ion: 75 Resp: 17582

Ion Ratio Lower Upper

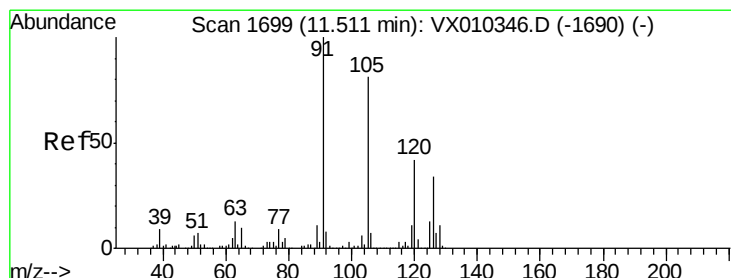
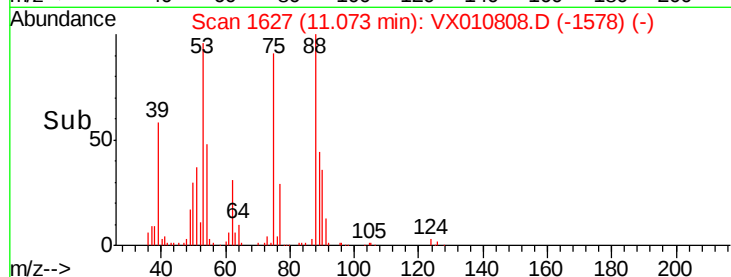
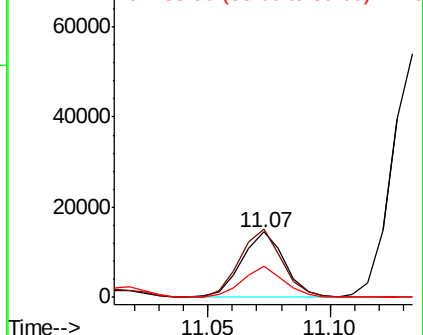
75 100

53 104.2 66.1 99.1#

89 46.4 37.8 56.6



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: 20.136 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010808.D

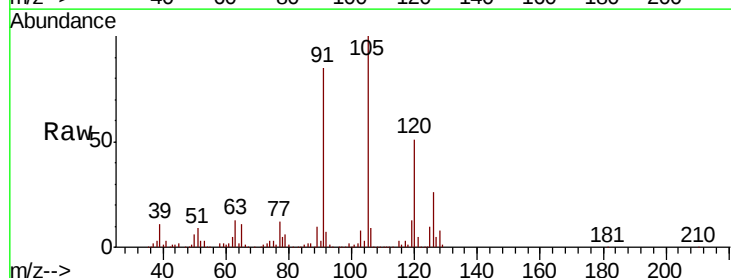
Acq: 11 Jul 2019 15:37

Tgt Ion: 91 Resp: 159324

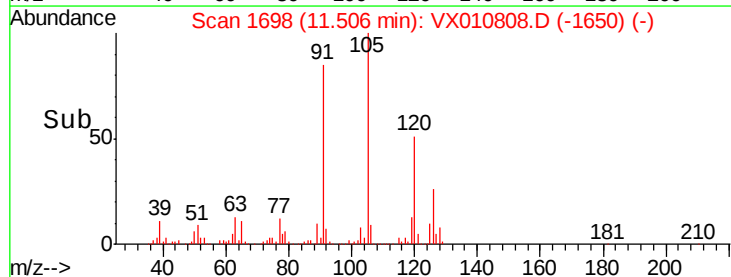
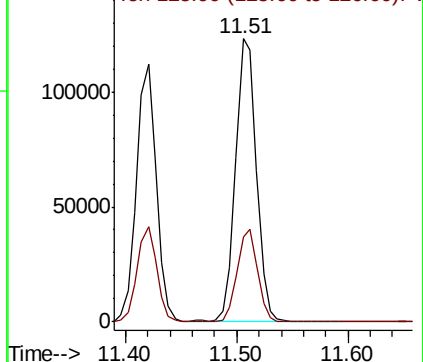
Ion Ratio Lower Upper

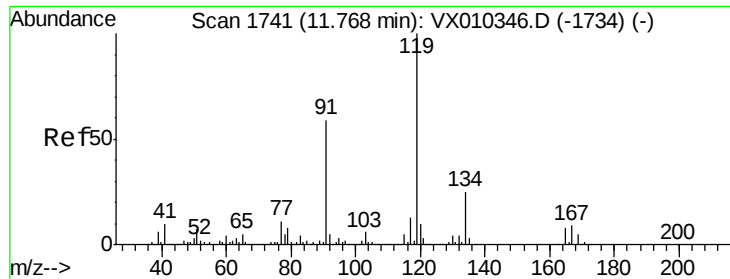
91 100

126 32.0 16.2 48.6



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

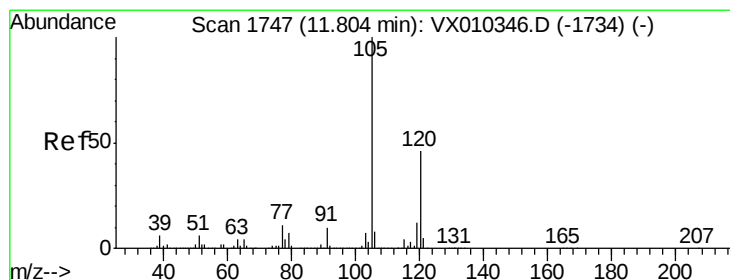
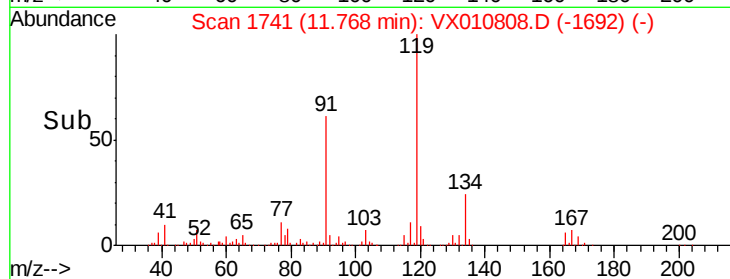
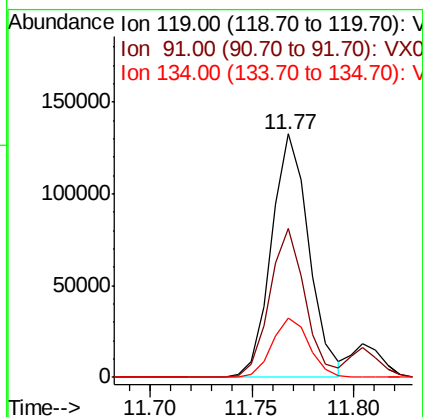
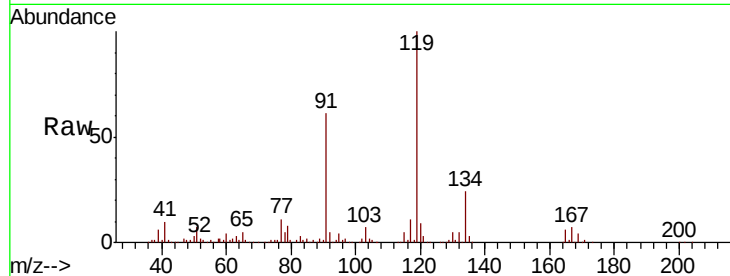




#83
 tert-Butylbenzene
 Concen: 19.355 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

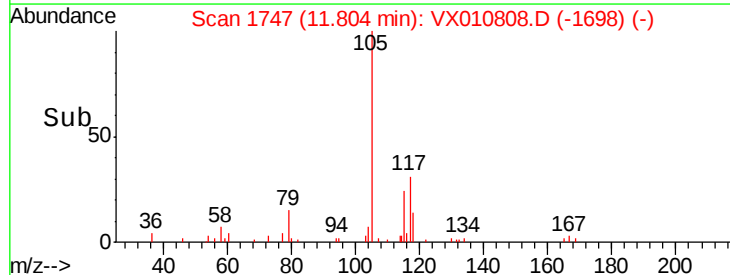
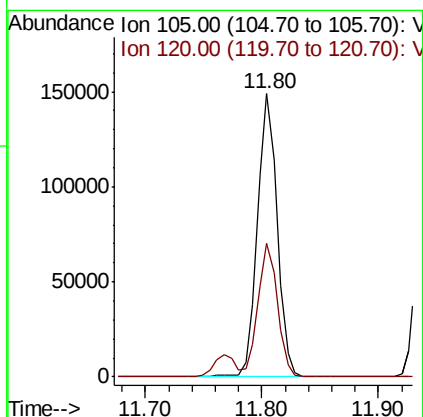
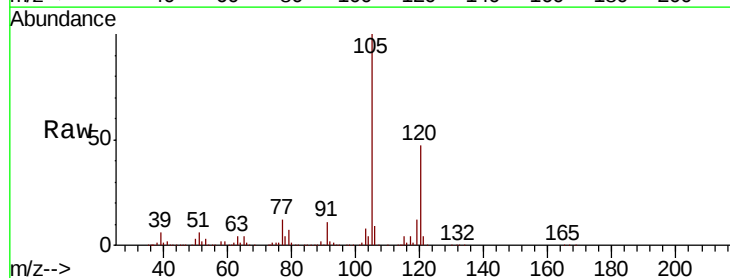
Instrument :
 MSVOA_X
 ClientSampled :
 VX0711WBSD02

Tot Ion:119 Resp: 170157
 Ion Ratio Lower Upper
 119 100
 91 58.2 27.6 82.7
 134 24.1 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.097 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion:105 Resp: 176859
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2

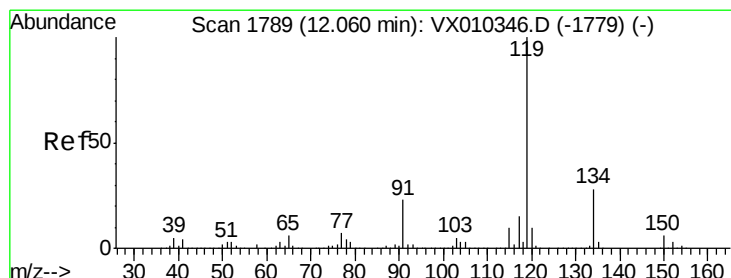
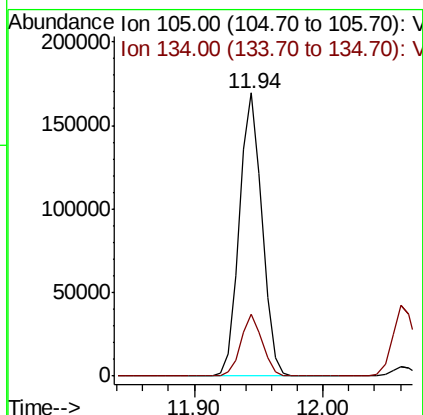
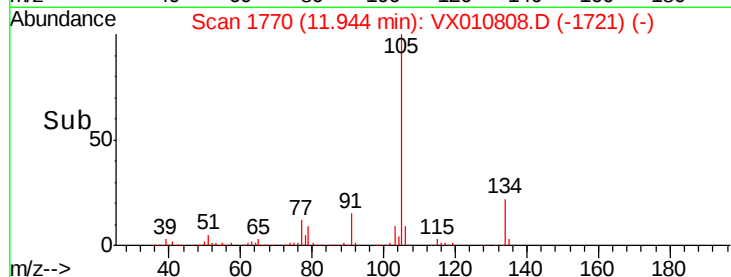
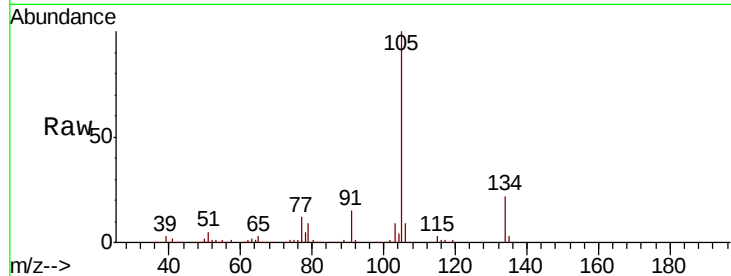




#85
 sec-Butylbenzene
 Concen: 19.977 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

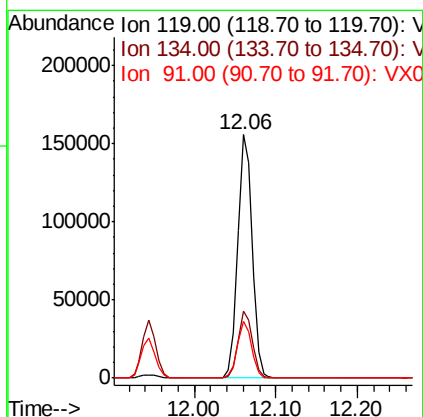
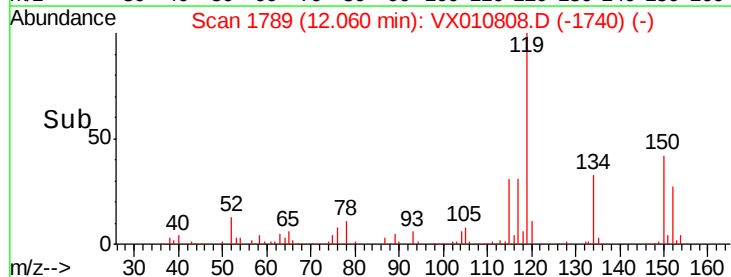
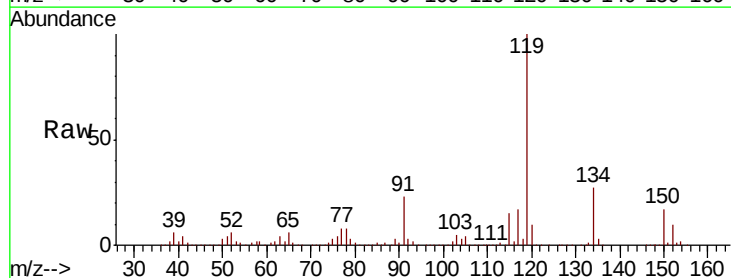
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

Tot Ion:105 Resp: 206212
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.552 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion:119 Resp: 186674
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.1
 91 23.1 11.3 33.8

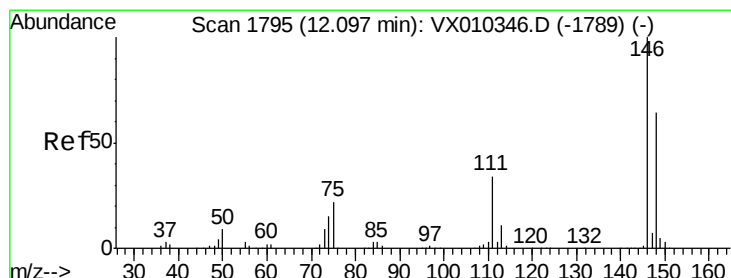
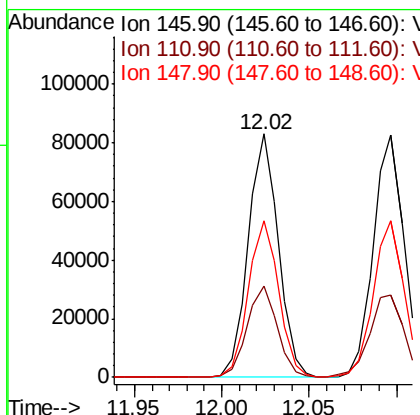
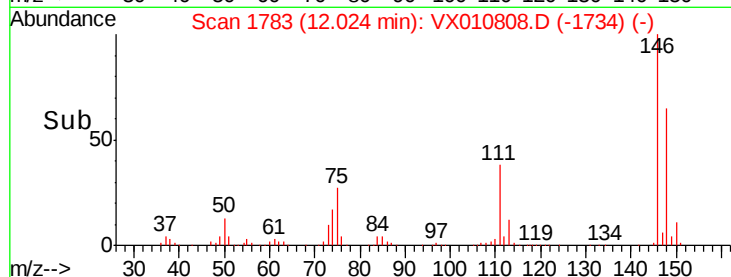
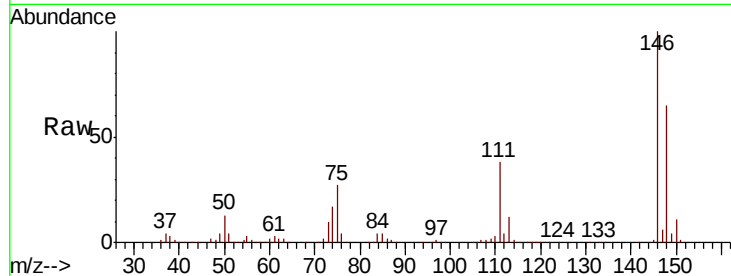




#87
 1,3-Dichlorobenzene
 Concen: 19.223 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

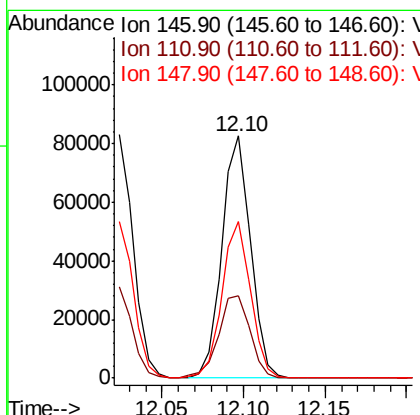
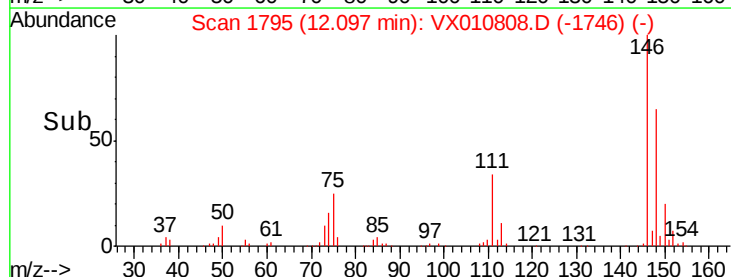
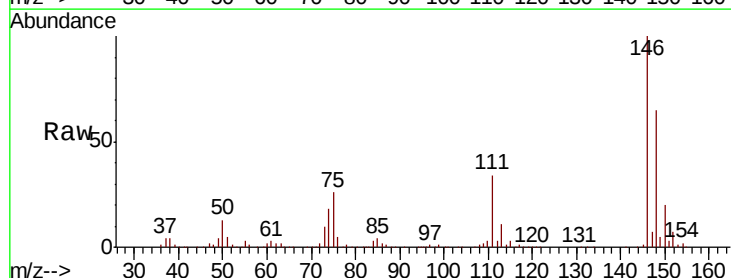
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

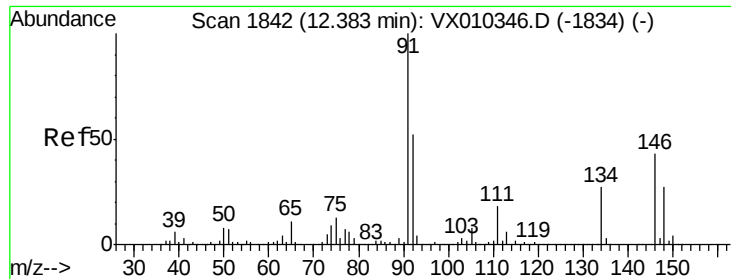
Tot Ion:146 Resp: 99550
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 64.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.152 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion:146 Resp: 100974
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.3
 148 64.5 32.1 96.3

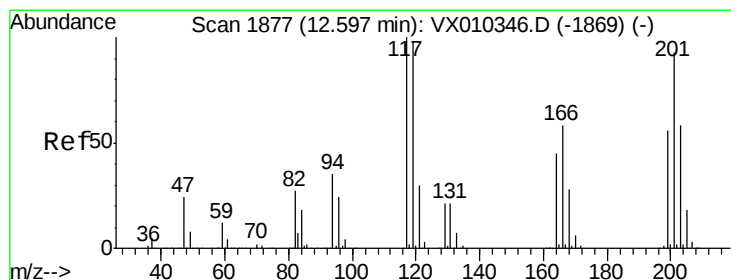
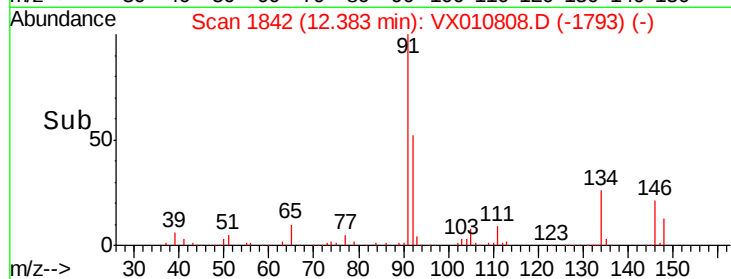
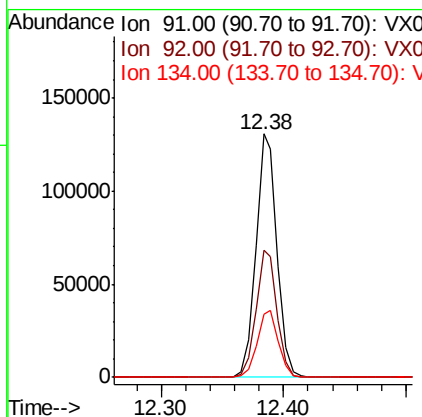
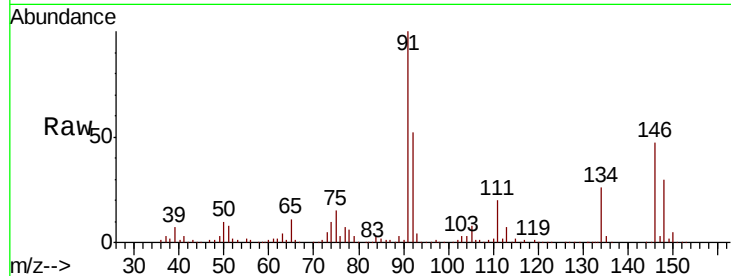




#89
n-Butylbenzene
Concen: 19.316 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

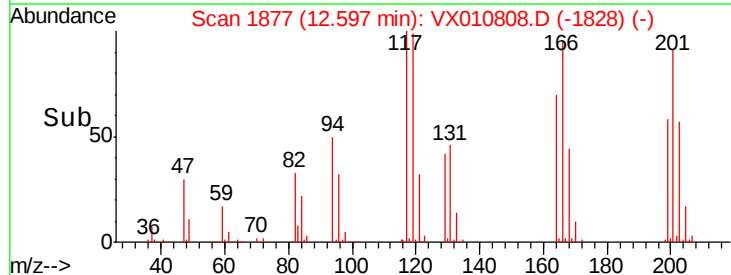
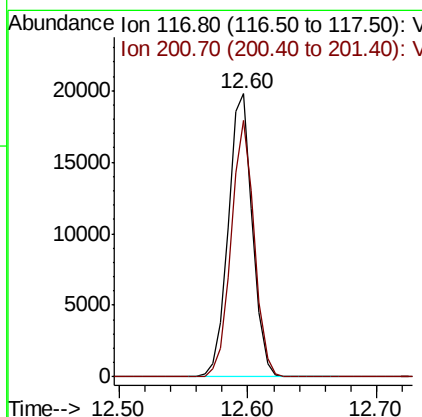
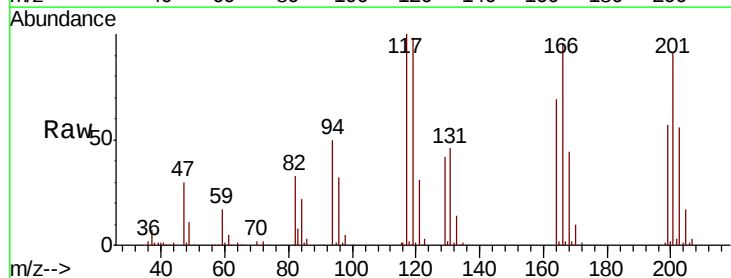
Instrument :
MSVOA_X
ClientSampled :
VX0711WBSD02

Tot Ion: 91 Resp: 156712
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 27.8 14.1 42.4



#90
Hexachloroethane
Concen: 15.805 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion: 117 Resp: 26093
Ion Ratio Lower Upper
117 100
201 86.2 44.0 131.8

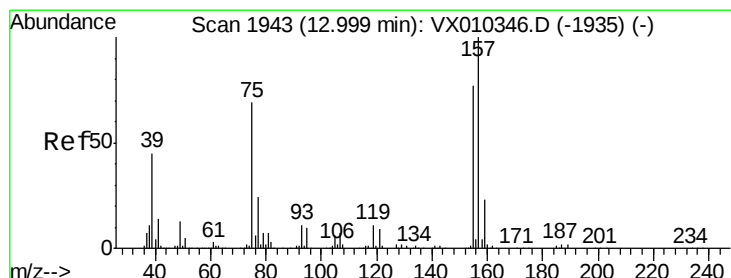
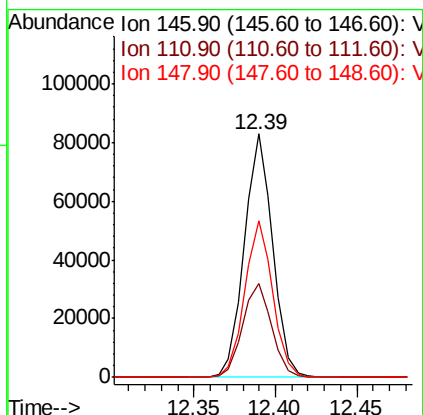
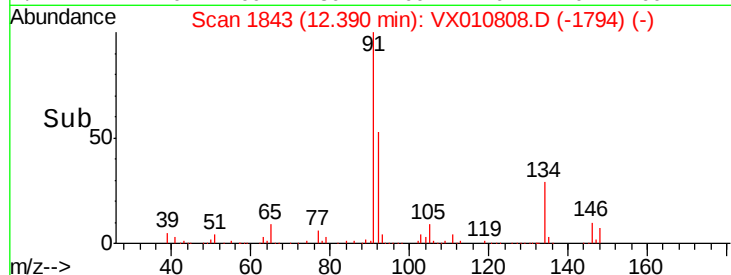
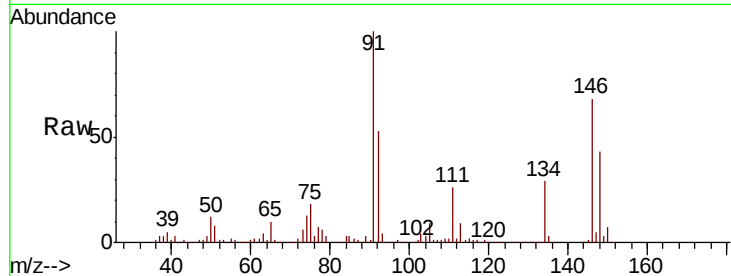




#91
 1,2-Dichlorobenzene
 Concen: 19.542 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

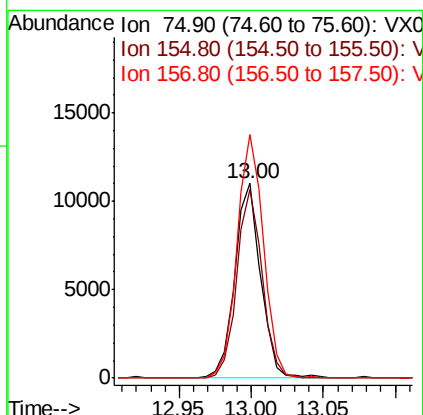
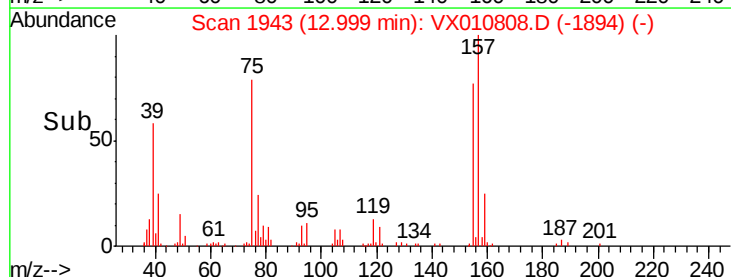
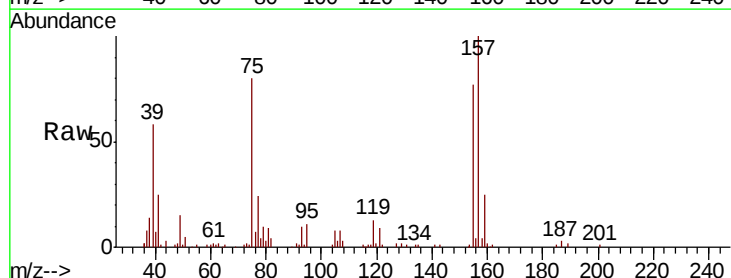
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

Tot Ion:146 Resp: 100582
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.2 57.6
 148 63.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.344 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010808.D
 Acq: 11 Jul 2019 15:37

Tgt Ion: 75 Resp: 13917
 Ion Ratio Lower Upper
 75 100
 155 93.5 54.4 163.1
 157 125.9 69.5 208.3





#93

1,2,4-Trichlorobenzene

Concen: 18.875 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD02

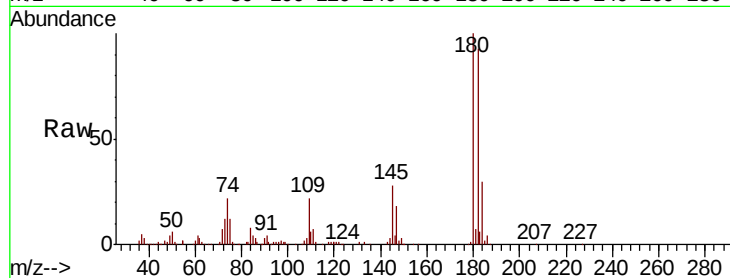
Tot Ion:180 Resp: 67371

Ion Ratio Lower Upper

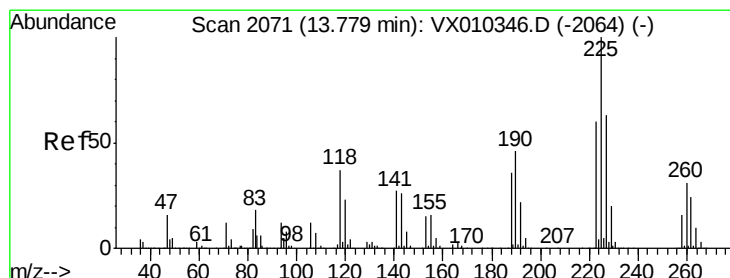
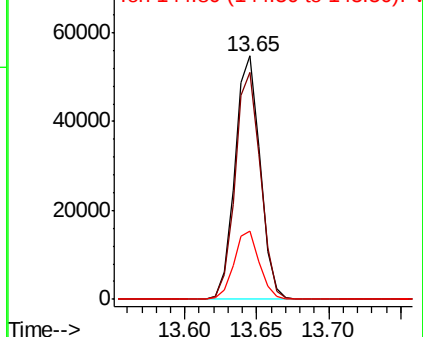
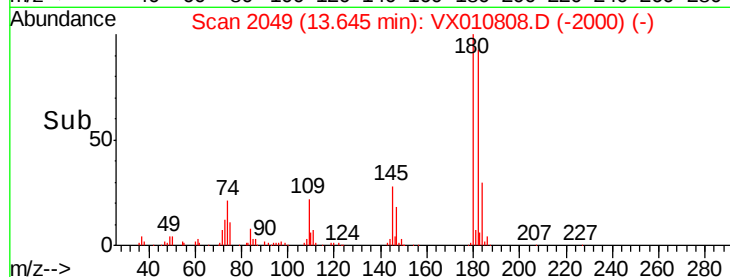
180 100

182 93.4 48.0 144.0

145 28.2 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.121 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010808.D

Acq: 11 Jul 2019 15:37

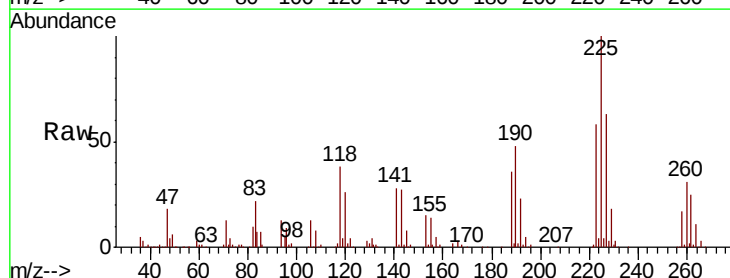
Tgt Ion:225 Resp: 33356

Ion Ratio Lower Upper

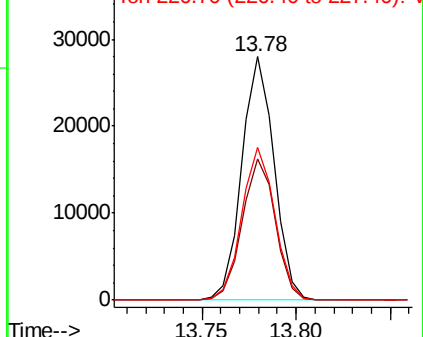
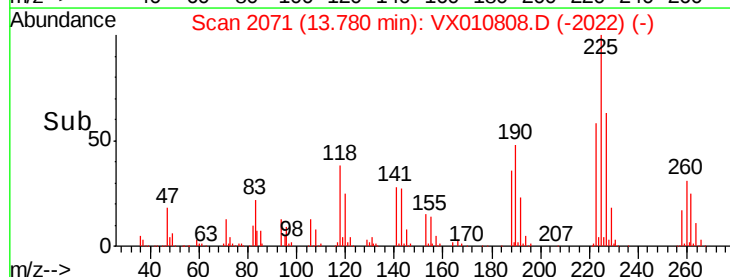
225 100

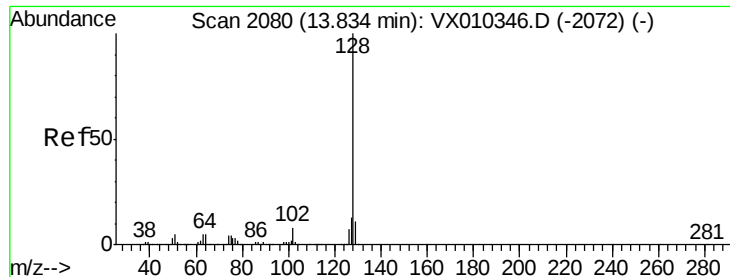
223 59.2 30.9 92.7

227 63.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

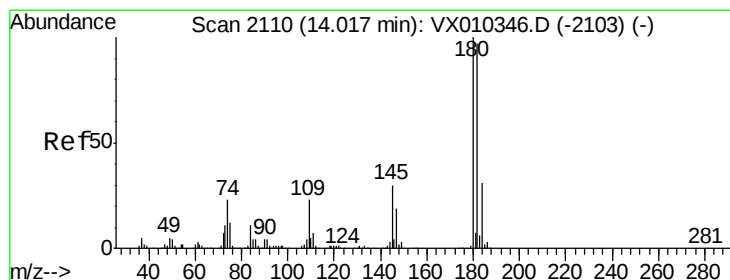
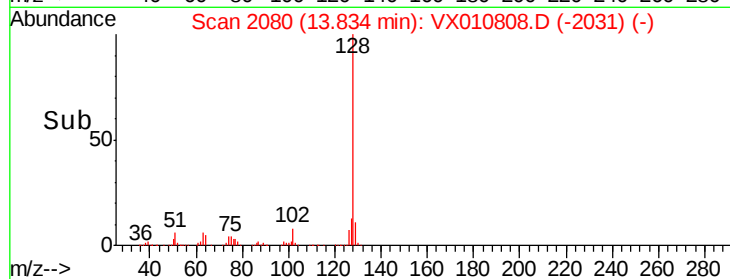
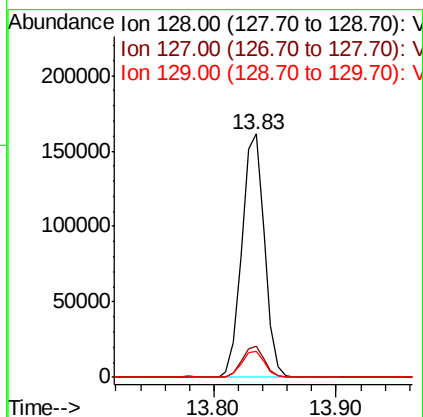
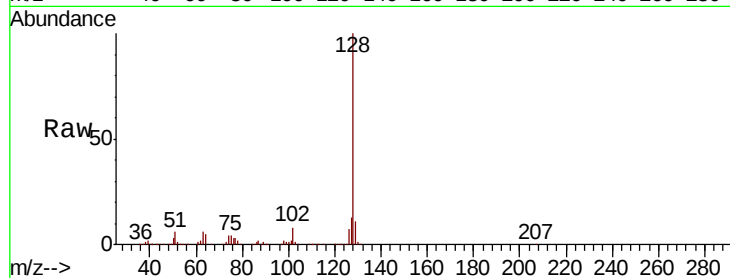




#95
Naphthalene
Concen: 18.738 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD02

Tot Ion:128 Resp: 205532
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.790 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010808.D
Acq: 11 Jul 2019 15:37

Tgt Ion:180 Resp: 66685
Ion Ratio Lower Upper
180 100
182 98.1 47.8 143.3
145 30.9 15.2 45.6

