

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
 Data File : VX010951.D
 Acq On : 18 Jul 2019 12:16
 Operator : JC/SP
 Sample : VX0718MBS01
 Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

Quant Time: Jul 18 12:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 12:41:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115606	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	103410	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	394115	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	143249	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45878	20.291	ug/l	100
3) Chloromethane	1.33	50	41143	20.758	ug/l	97
4) Vinyl Chloride	1.41	62	42731	21.137	ug/l	98
5) Bromomethane	1.64	94	26859	23.576	ug/l	100
6) Chloroethane	1.72	64	27569	21.459	ug/l	100
7) Trichlorofluoromethane	1.93	101	71674	20.944	ug/l	99
8) Diethyl Ether	2.19	74	23355	19.808	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39896	20.418	ug/l	96
10) Methyl Iodide	2.51	142	48820	19.040	ug/l	97
11) Tert butyl alcohol	3.04	59	52700	98.690	ug/l	99
12) 1,1-Dichloroethene	2.37	96	39575	20.614	ug/l	94
13) Acrolein	2.29	56	22723	73.650	ug/l	100
14) Allyl chloride	2.73	41	55154	19.779	ug/l	96
15) Acrylonitrile	3.14	53	108650	100.691	ug/l	100
16) Acetone	2.45	43	97658	94.302	ug/l	95
17) Carbon Disulfide	2.57	76	95091	19.310	ug/l	99
18) Methyl Acetate	2.78	43	45741	19.398	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	123842	20.039	ug/l	99
20) Methylene Chloride	2.85	84	43560	19.848	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41217	20.234	ug/l	95
22) Diisopropyl ether	3.85	45	117844	20.037	ug/l	98
23) Vinyl Acetate	3.82	43	511900	102.726	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68102	19.939	ug/l	100
25) 2-Butanone	4.67	43	149060	100.285	ug/l	97
26) 2,2-Dichloropropane	4.59	77	53370	19.030	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	47157	20.003	ug/l	97
28) Bromochloromethane	5.01	49	27050	16.806	ug/l	91
29) Tetrahydrofuran	5.13	42	95143	101.048	ug/l	98
30) Chloroform	5.21	83	72343	19.595	ug/l	96
31) Cyclohexane	5.58	56	61031	19.604	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	63669	19.934	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52579	19.727	ug/l	98
37) Ethyl Acetate	4.83	43	55333	20.274	ug/l	99
38) Carbon Tetrachloride	5.79	117	53853	19.389	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
 Data File : VX010951.D
 Acq On : 18 Jul 2019 12:16
 Operator : JC/SP
 Sample : VX0718MBS01
 Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

Quant Time: Jul 18 12:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 12:41:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67593	19.555	ug/l	96
40) Benzene	6.14	78	163349	20.007	ug/l	99
41) Methacrylonitrile	5.04	41	29309	18.917	ug/l	98
42) 1,2-Dichloroethane	6.19	62	55854	19.675	ug/l	97
43) Isopropyl Acetate	6.45	43	87502	19.498	ug/l	98
44) Trichloroethene	7.21	130	47666	19.723	ug/l	98
45) 1,2-Dichloropropane	7.51	63	40415	19.448	ug/l	99
46) Dibromomethane	7.66	93	30681	20.662	ug/l	95
47) Bromodichloromethane	7.90	83	52317	19.793	ug/l	98
48) Methyl methacrylate	7.77	41	42834	19.593	ug/l	97
49) 1,4-Dioxane	7.74	88	23663	386.945	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	293938	101.040	ug/l	97
52) Toluene	8.78	92	106108	19.783	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54588	19.206	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62628	19.803	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43233	19.576	ug/l	98
56) Ethyl methacrylate	9.18	69	64510	19.970	ug/l	95
57) 1,3-Dichloropropane	9.37	76	69925	19.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	149723	97.092	ug/l	100
59) 2-Hexanone	9.49	43	230084	101.971	ug/l	96
60) Dibromochloromethane	9.58	129	44749	19.244	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46257	19.737	ug/l	99
64) Tetrachloroethene	9.34	164	46361	19.797	ug/l	97
65) Chlorobenzene	10.13	112	120488	19.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42534	19.793	ug/l	100
67) Ethyl Benzene	10.25	91	206639	19.855	ug/l	98
68) m/p-Xylenes	10.36	106	159381	39.924	ug/l	97
69) o-Xylene	10.69	106	76791	19.710	ug/l	97
70) Styrene	10.71	104	129404	19.924	ug/l	97
71) Bromoform	10.85	173	32523	18.324	ug/l #	100
73) Isopropylbenzene	11.02	105	207865	20.250	ug/l	98
74) N-amyl acetate	10.90	43	78822	20.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68468	20.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70689	25.095	ug/l	82
77) Bromobenzene	11.26	156	56050	19.796	ug/l	97
78) n-propylbenzene	11.36	91	229287	20.216	ug/l	98
79) 2-Chlorotoluene	11.42	91	136781	20.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	173842	20.267	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	17659	19.001	ug/l #	84
82) 4-Chlorotoluene	11.51	91	158056	19.931	ug/l	100
83) tert-Butylbenzene	11.77	119	170512	20.238	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	175131	20.258	ug/l	99
85) sec-Butylbenzene	11.94	105	204075	20.672	ug/l	99
86) p-Isopropyltoluene	12.06	119	185348	20.308	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97881	19.920	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	99218	19.678	ug/l	99
89) n-Butylbenzene	12.38	91	156896	20.094	ug/l	98
90) Hexachloroethane	12.60	117	26623	18.494	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100117	20.558	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14170	20.180	ug/l	87

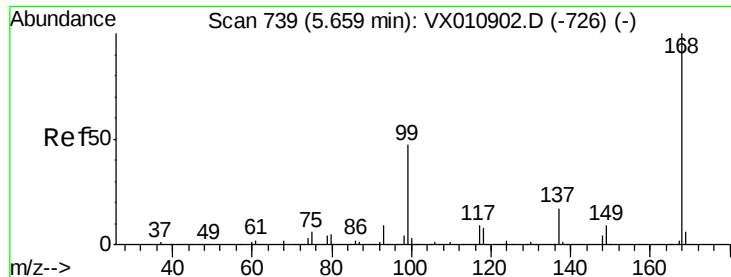
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010951.D
Acq On : 18 Jul 2019 12:16
Operator : JC/SP
Sample : VX0718MBS01
Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

Quant Time: Jul 18 12:43:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 12:41:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66615	20.184	ug/l	100
94) Hexachlorobutadiene	13.78	225	32664	19.972	ug/l	99
95) Naphthalene	13.83	128	201912	20.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68033	20.718	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

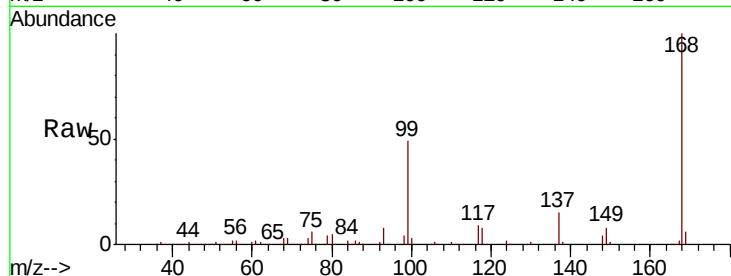
VX0718MBS01

Tgt Ion:168 Resp: 21530

Ion Ratio Lower Upper

168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

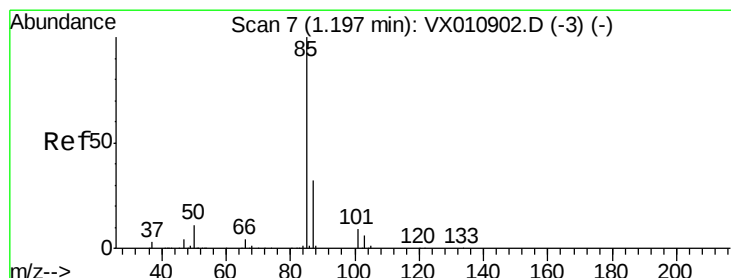
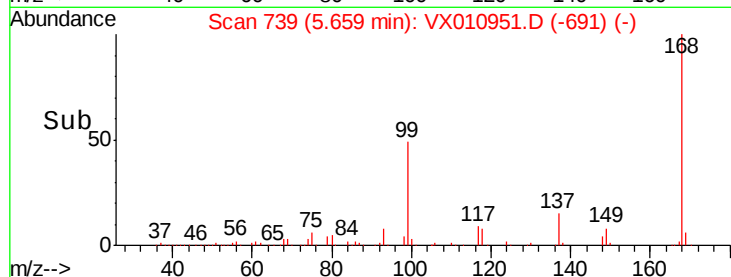
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 20.291 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010951.D

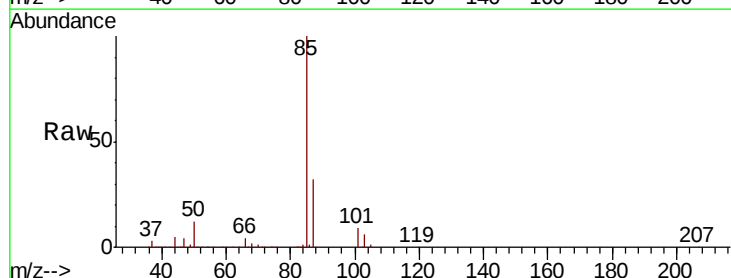
Acq: 18 Jul 2019 12:16

Tgt Ion: 85 Resp: 45878

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

0

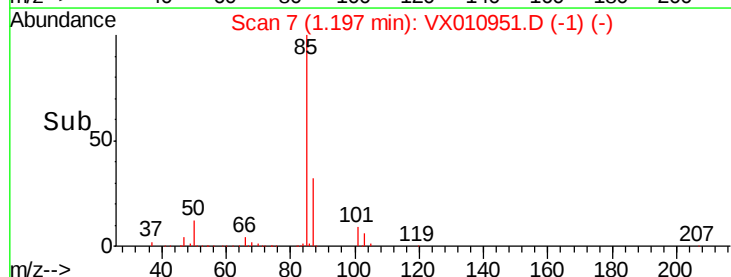
Time-->

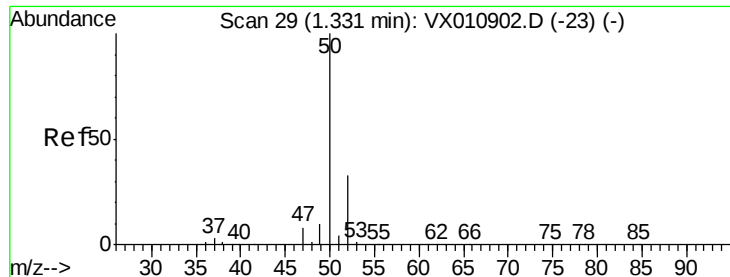
1.15

1.20

1.25

1.30

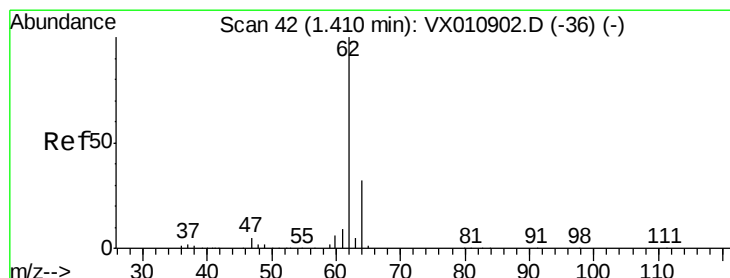
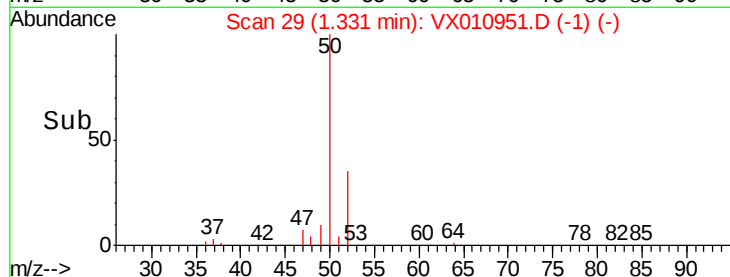
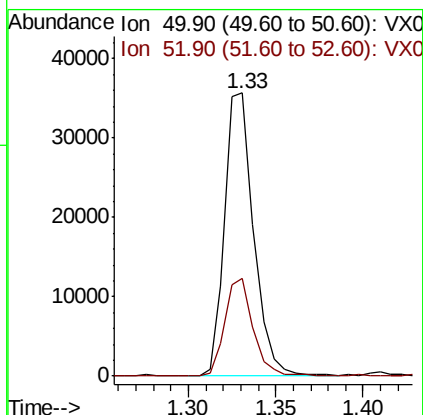
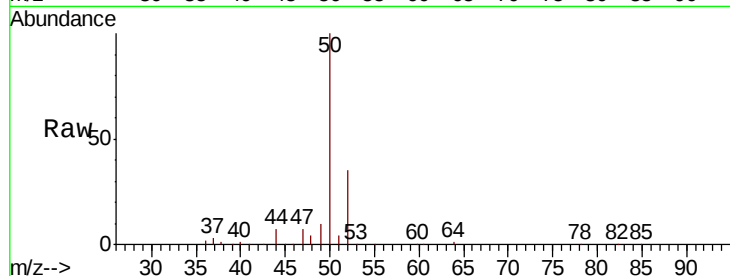




#3
Chloromethane
Concen: 20.758 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

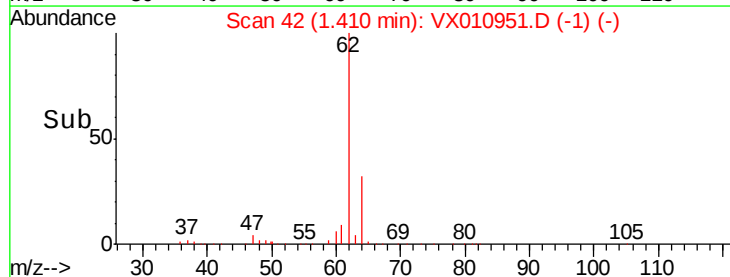
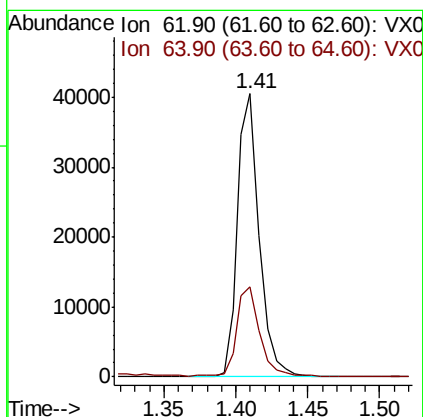
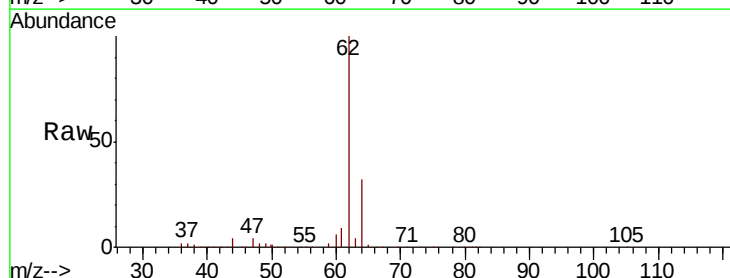
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

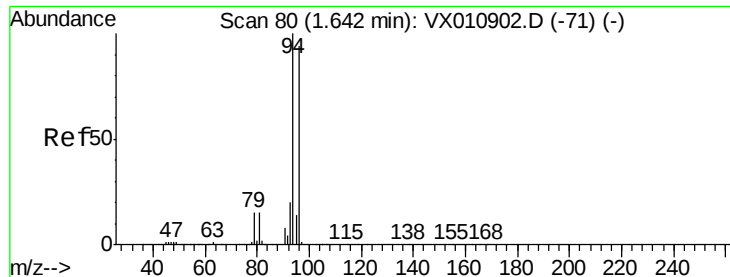
Tgt Ion: 50 Resp: 41143
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 21.137 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 62 Resp: 42731
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





#5

Bromomethane

Concen: 23.576 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

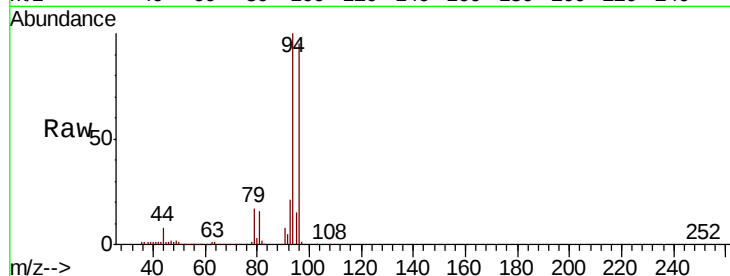
VX0718MBS01

Tgt Ion: 94 Resp: 26859

Ion Ratio Lower Upper

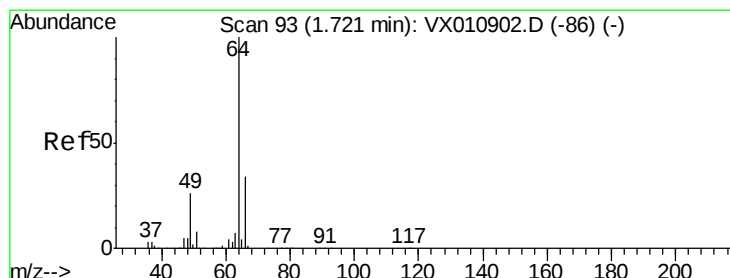
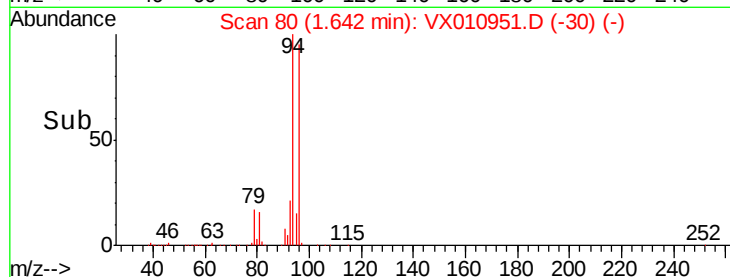
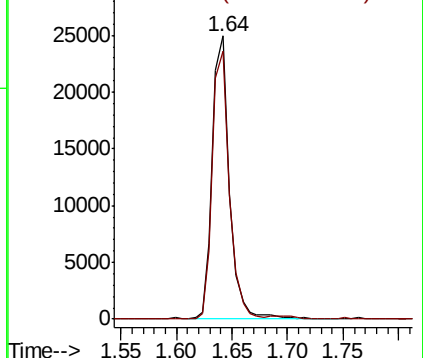
94 100

96 94.8 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: 21.459 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010951.D

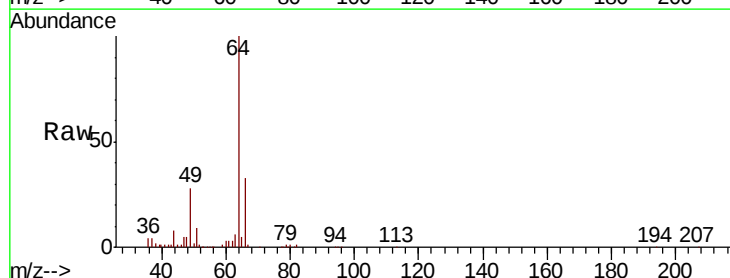
Acq: 18 Jul 2019 12:16

Tgt Ion: 64 Resp: 27569

Ion Ratio Lower Upper

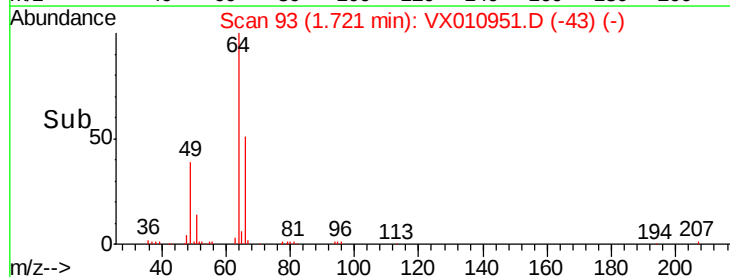
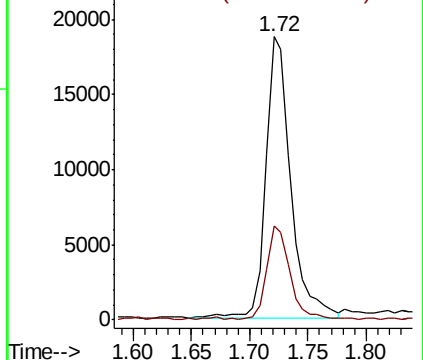
64 100

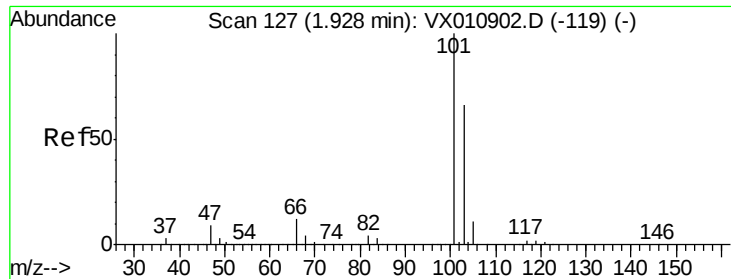
66 33.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



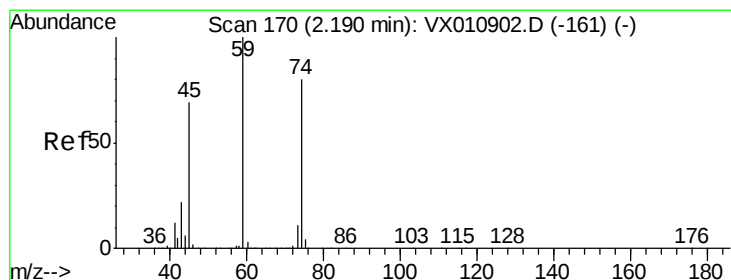
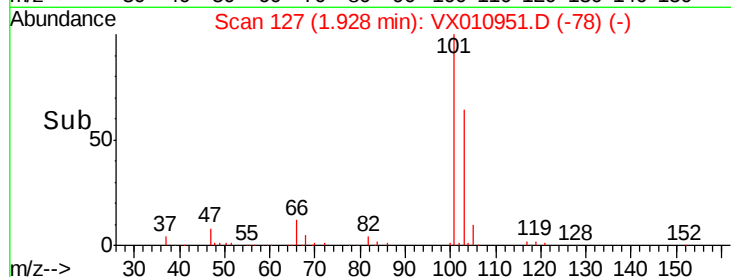
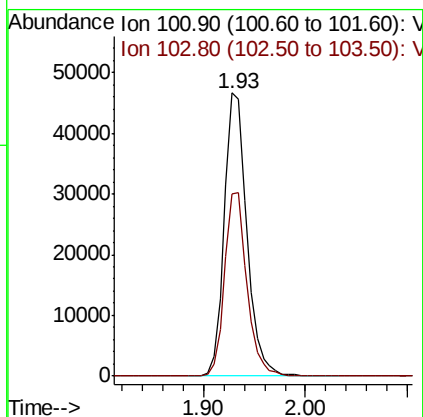
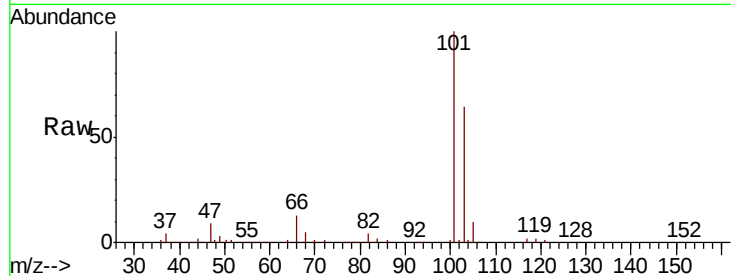


#7

Trichlorofluoromethane
 Concen: 20.944 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

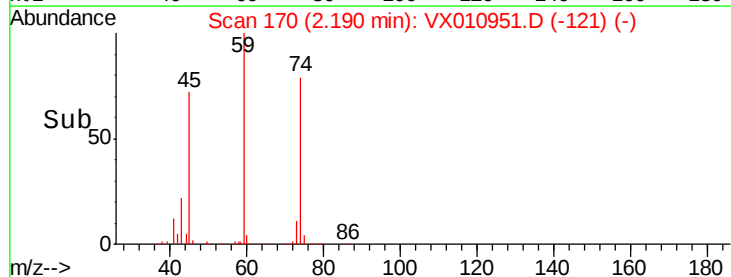
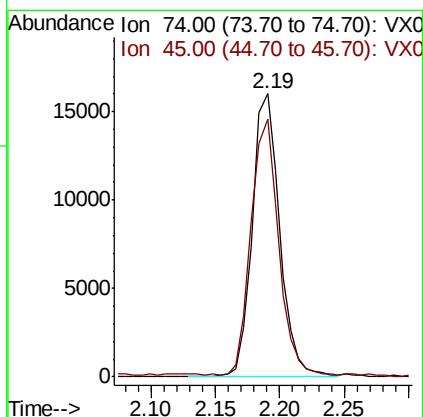
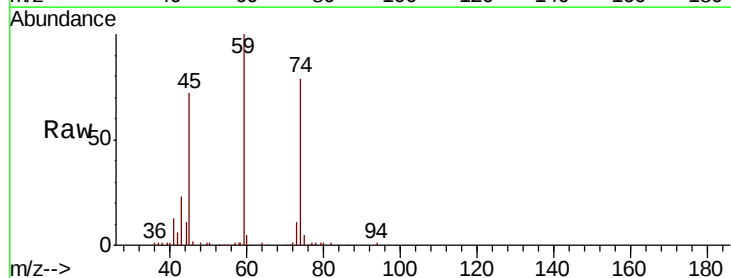
Tgt Ion:101 Resp: 71674
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

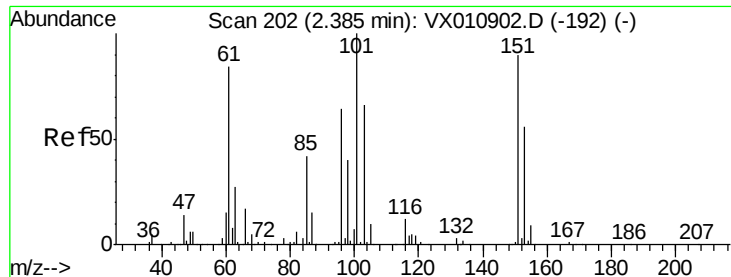


#8

Diethyl Ether
 Concen: 19.808 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion: 74 Resp: 23355
 Ion Ratio Lower Upper
 74 100
 45 90.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.418 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

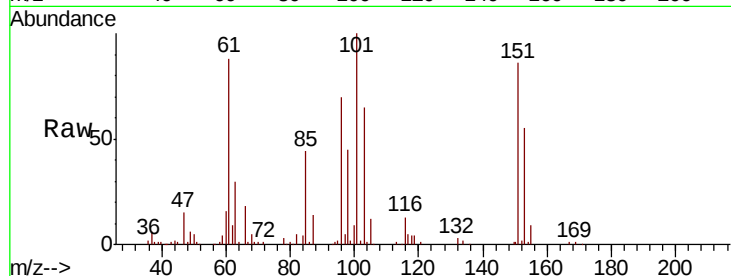
Tgt Ion:101 Resp: 39896

Ion Ratio Lower Upper

101 100

85 43.6 33.7 50.5

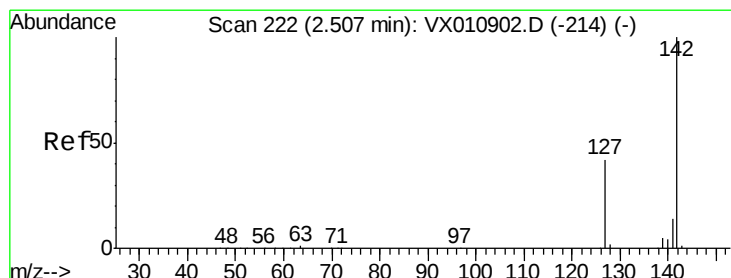
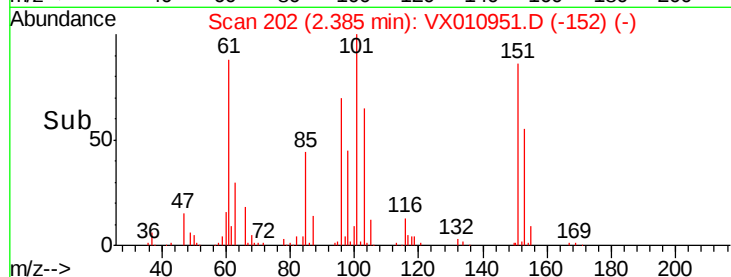
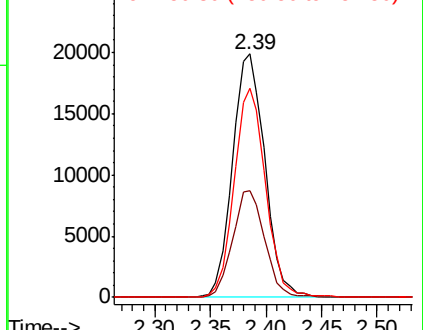
151 83.6 70.1 105.1



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: 19.040 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

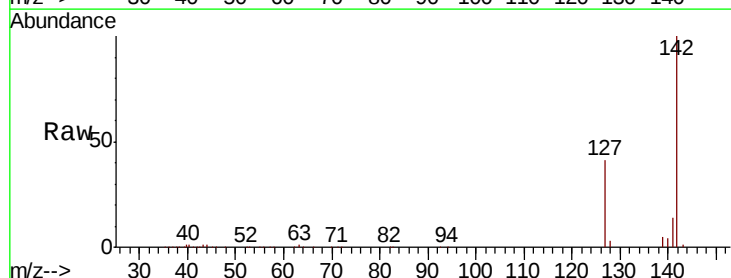
Tgt Ion:142 Resp: 48820

Ion Ratio Lower Upper

142 100

127 40.8 31.1 46.7

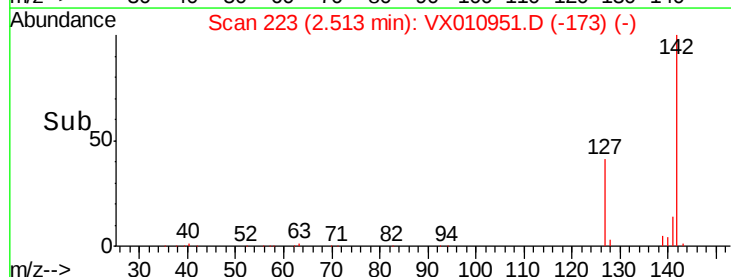
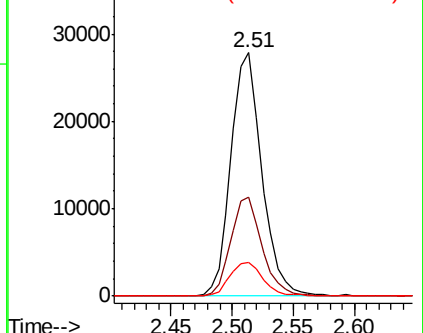
141 15.0 11.2 16.8

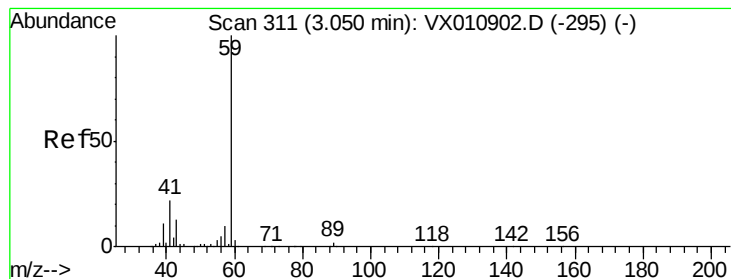


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.690 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

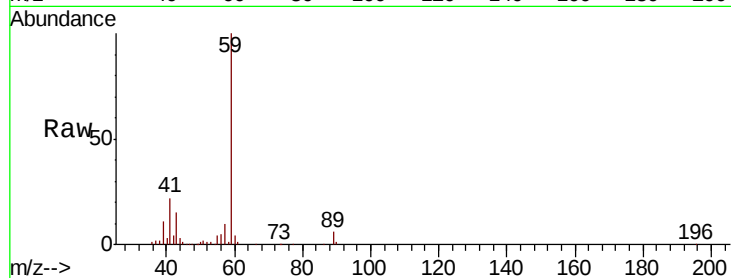
VX0718MBS01

Tgt Ion: 59 Resp: 52700

Ion Ratio Lower Upper

59 100

57 10.0 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

25000

20000

15000

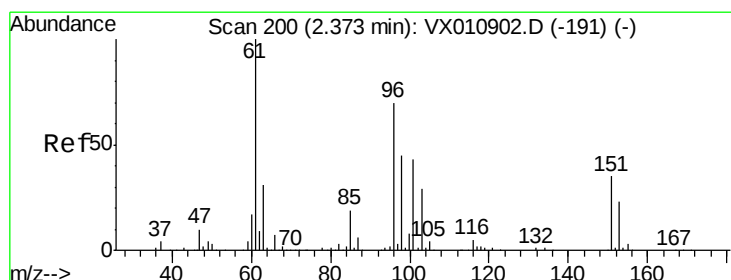
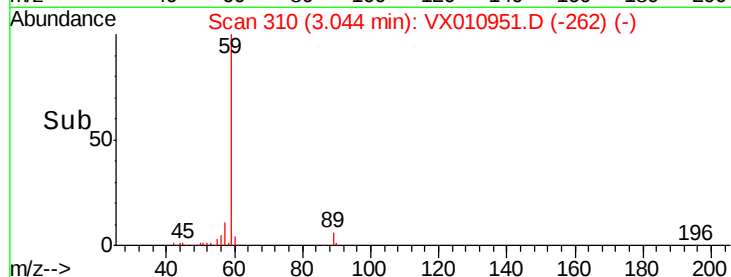
10000

5000

0

Time-->

2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 20.614 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

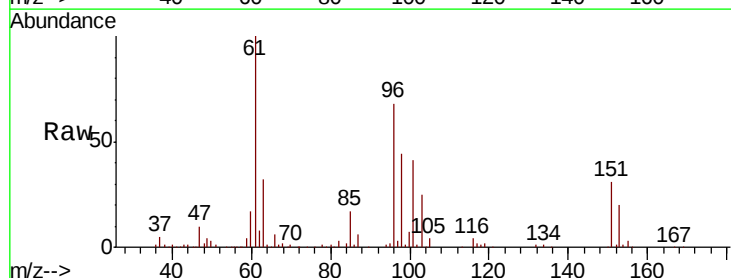
Tgt Ion: 96 Resp: 39575

Ion Ratio Lower Upper

96 100

61 146.1 109.2 163.8

98 64.0 51.1 76.7



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

40000

30000

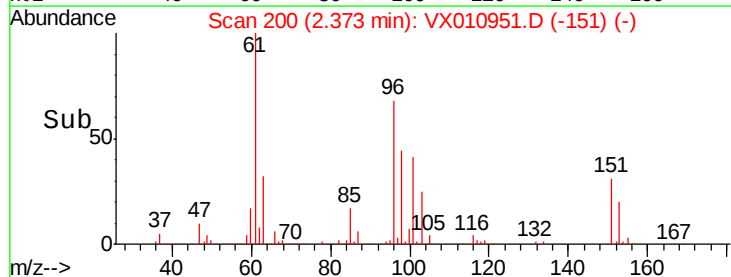
20000

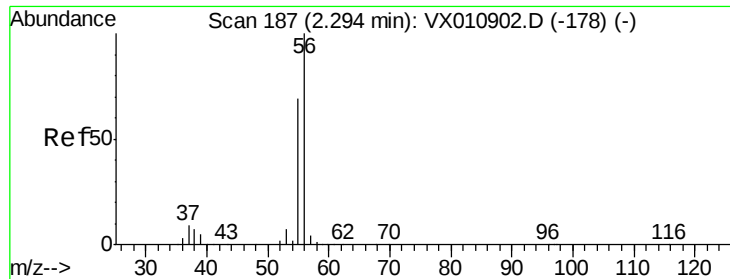
10000

0

Time-->

2.30 2.40 2.50





#13

Acrolein

Concen: 73.650 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

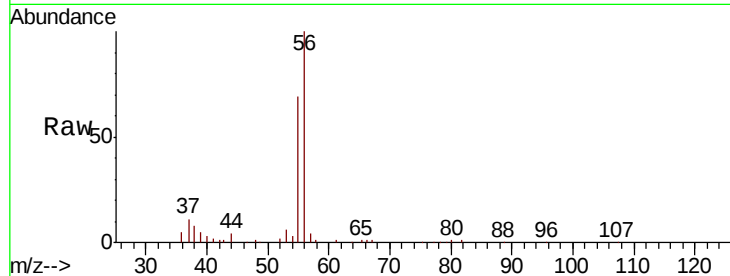
VX0718MBS01

Tgt Ion: 56 Resp: 22723

Ion Ratio Lower Upper

56 100

55 71.5 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

15000

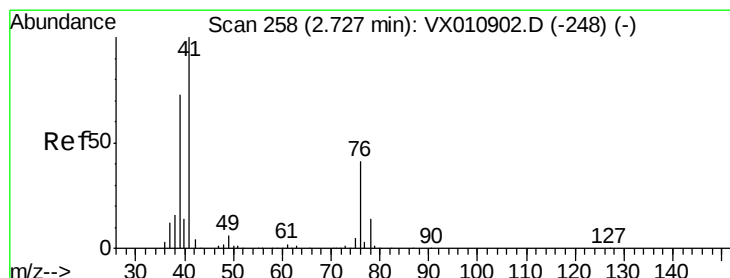
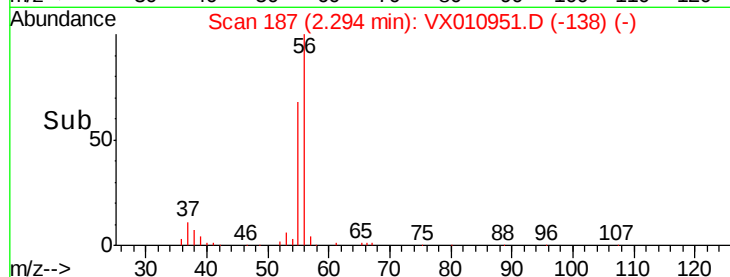
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.779 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

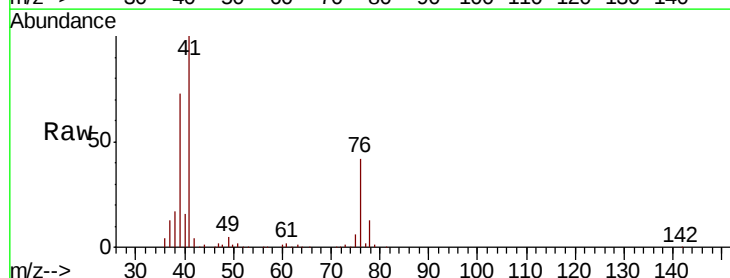
Tgt Ion: 41 Resp: 55154

Ion Ratio Lower Upper

41 100

39 67.0 50.3 75.5

76 38.0 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

2.73

30000

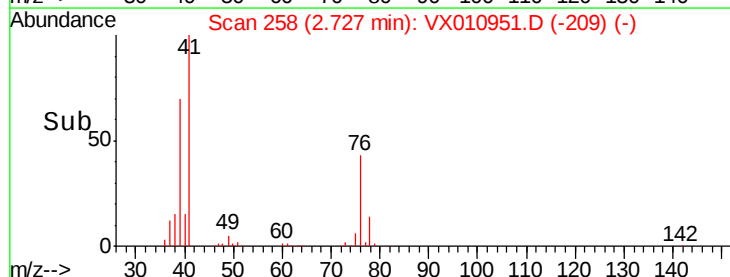
20000

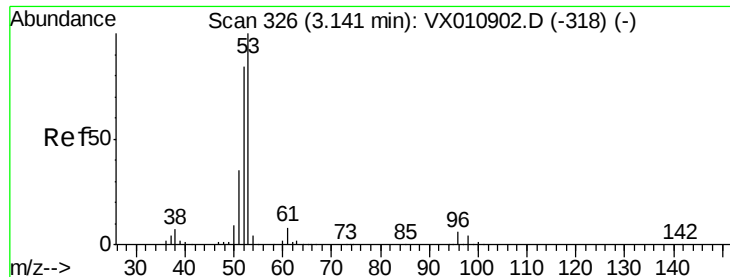
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 100.691 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

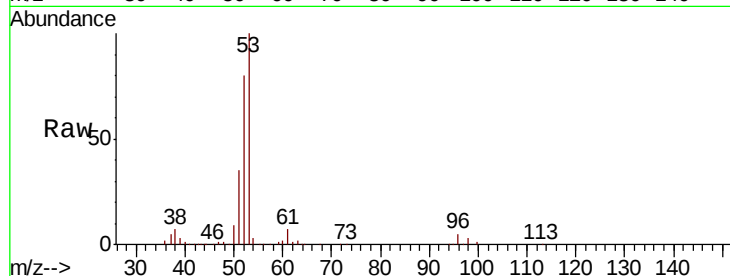
Tgt Ion: 53 Resp: 108650

Ion Ratio Lower Upper

53 100

52 81.8 65.5 98.3

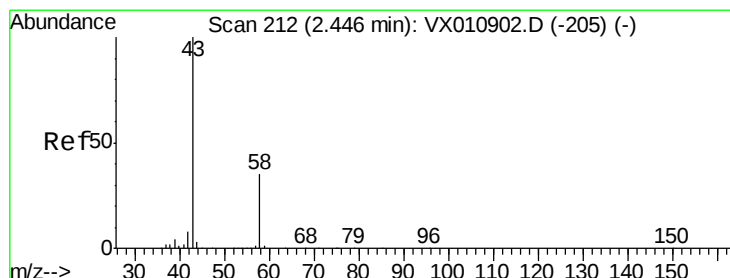
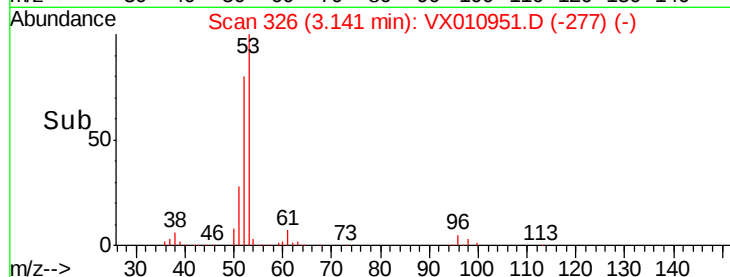
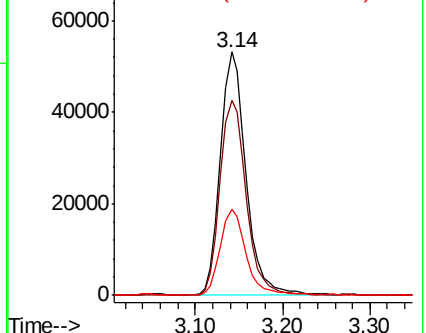
51 35.5 28.2 42.4



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: 94.302 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010951.D

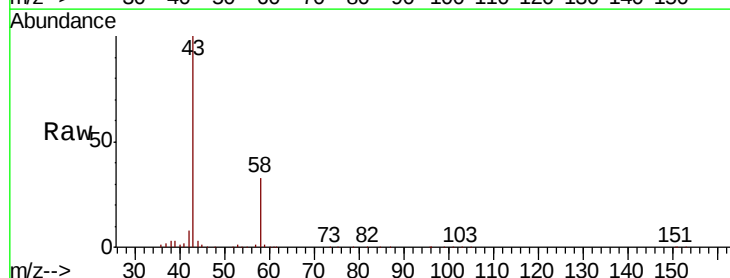
Acq: 18 Jul 2019 12:16

Tgt Ion: 43 Resp: 97658

Ion Ratio Lower Upper

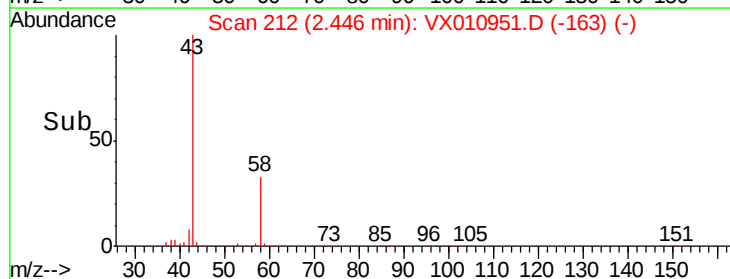
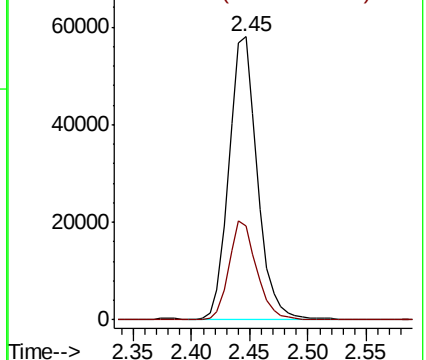
43 100

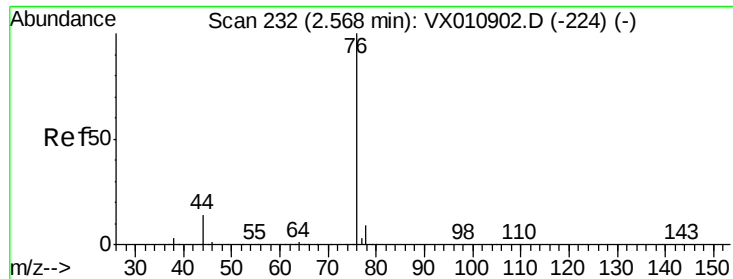
58 33.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

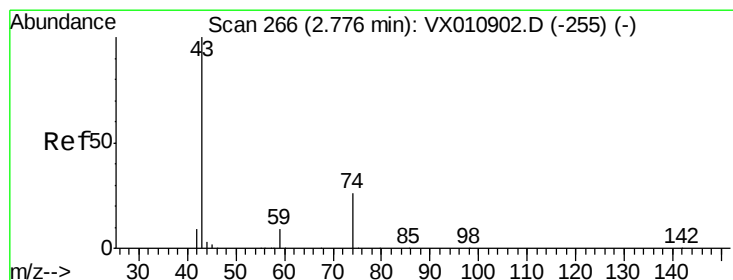
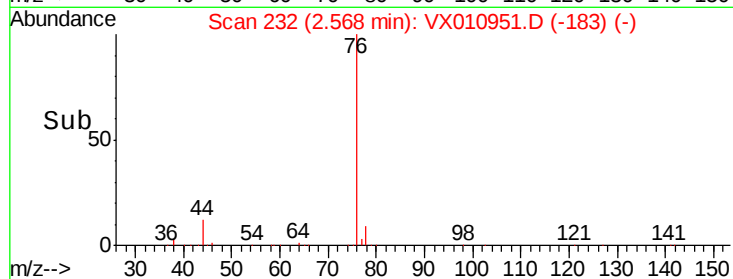
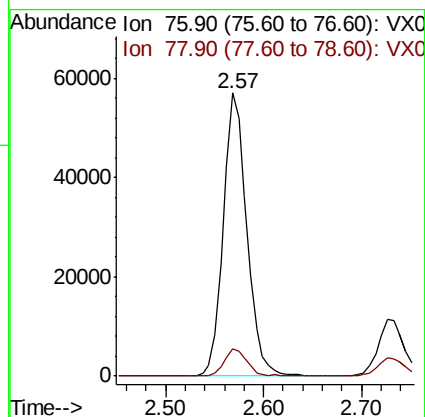
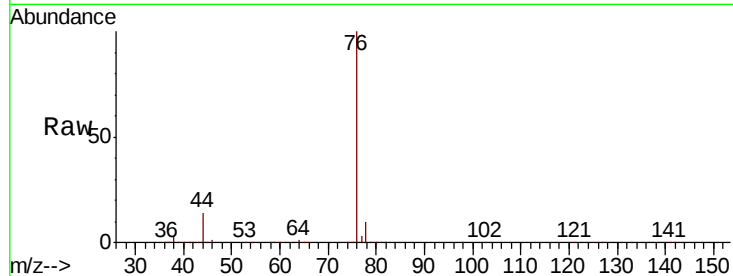




#17
Carbon Disulfide
Concen: 19.310 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

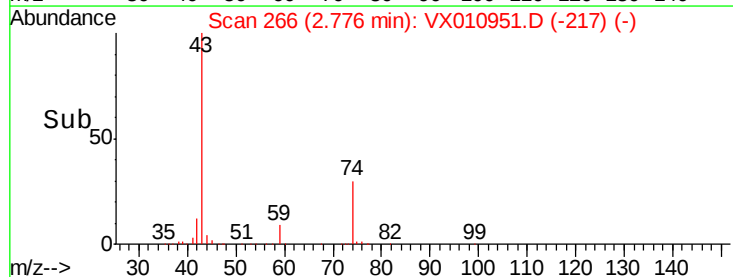
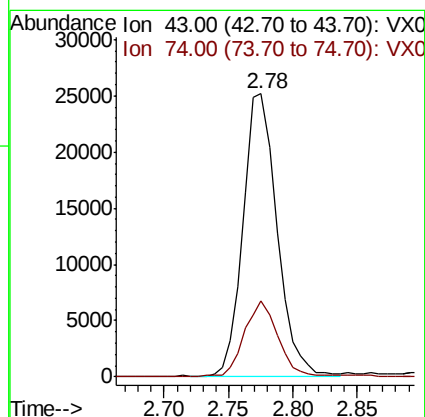
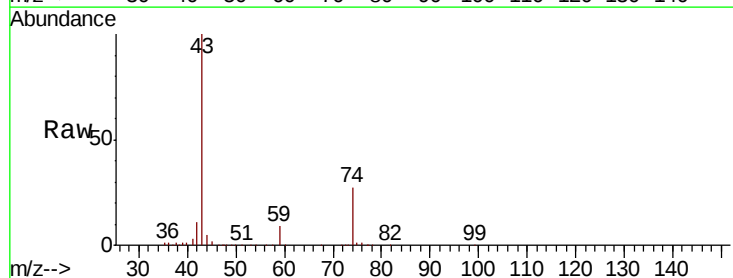
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

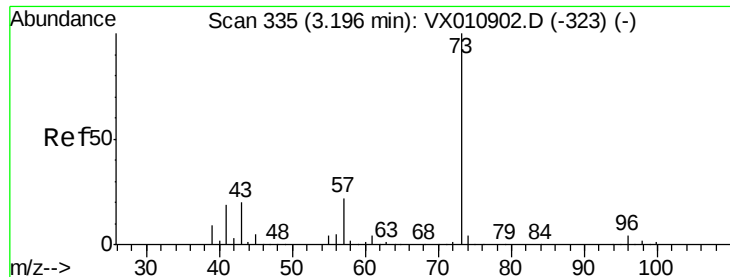
Tgt Ion: 76 Resp: 95091
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.398 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 43 Resp: 45741
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9

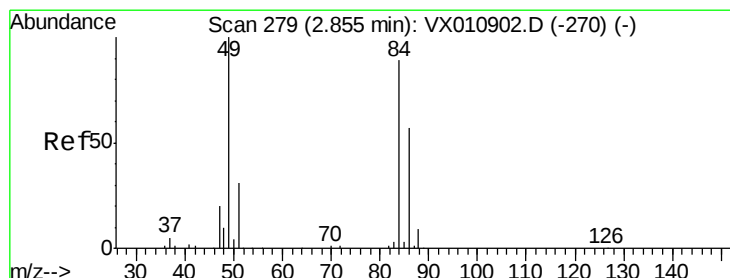
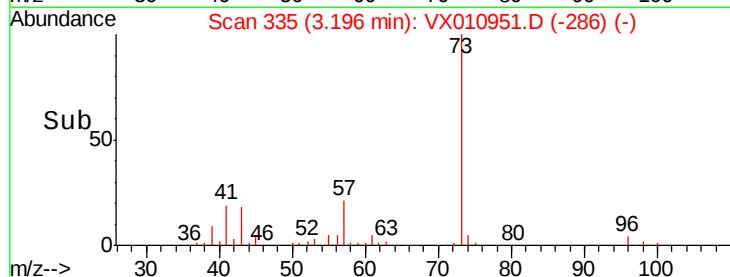
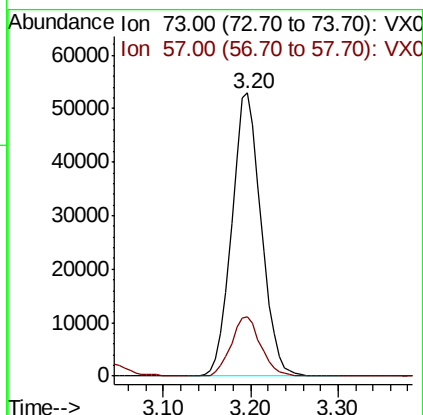
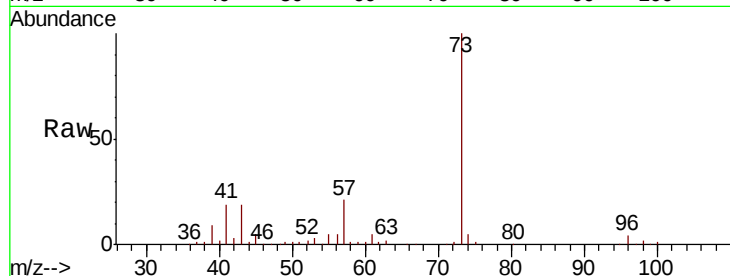




#19
Methyl tert-butyl Ether
Concen: 20.039 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

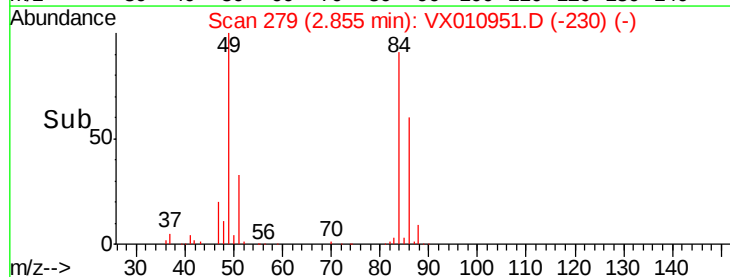
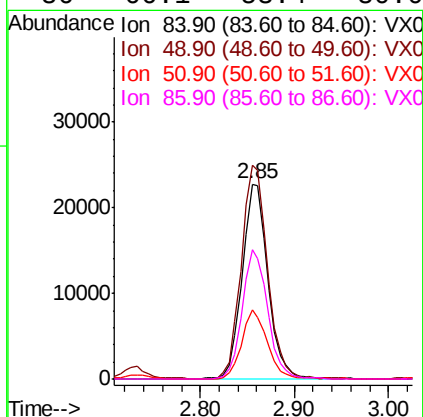
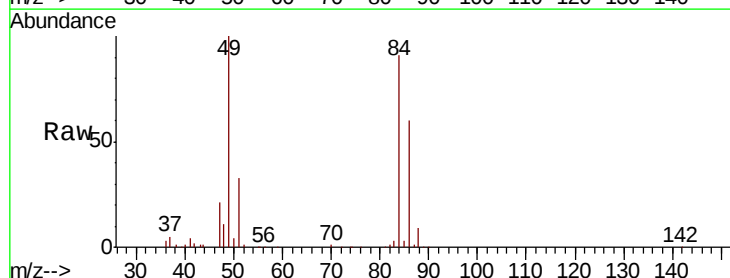
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

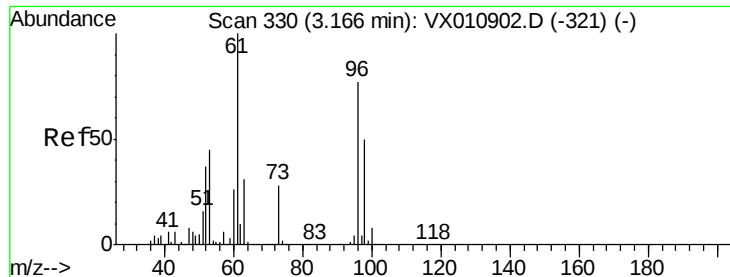
Tgt Ion: 73 Resp: 123842
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 19.848 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 84 Resp: 43560
Ion Ratio Lower Upper
84 100
49 109.2 87.5 131.3
51 35.6 27.7 41.5
86 66.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.234 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

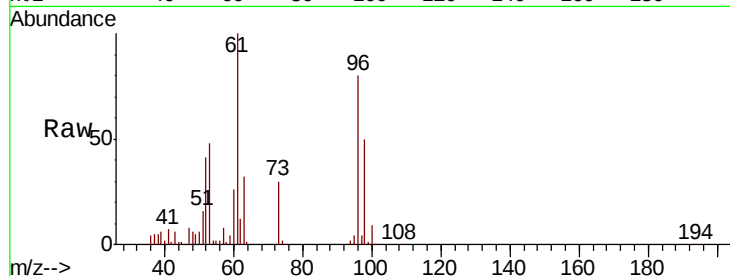
Tgt Ion: 96 Resp: 41217

Ion Ratio Lower Upper

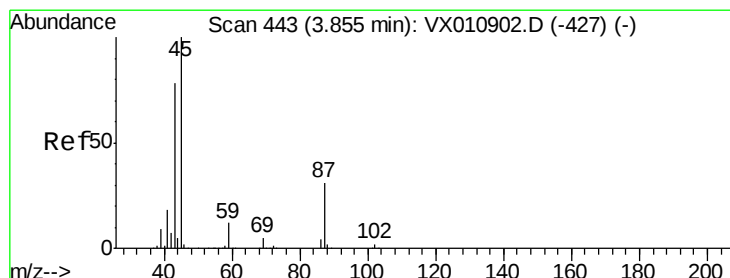
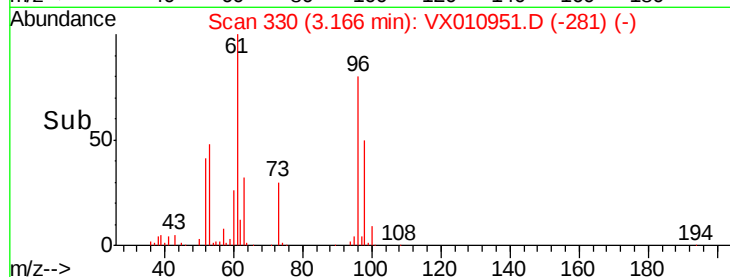
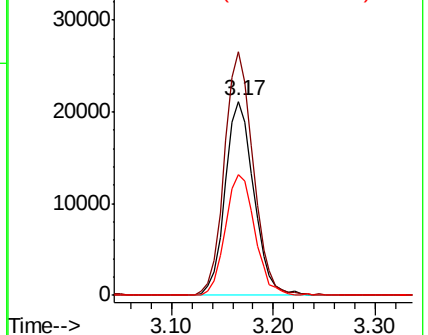
96 100

61 125.3 95.6 143.4

98 62.1 52.5 78.7



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



#22

Diisopropyl ether

Concen: 20.037 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Tgt Ion: 45 Resp: 117844

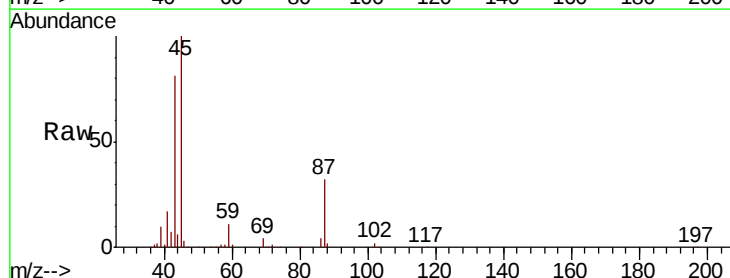
Ion Ratio Lower Upper

45 100

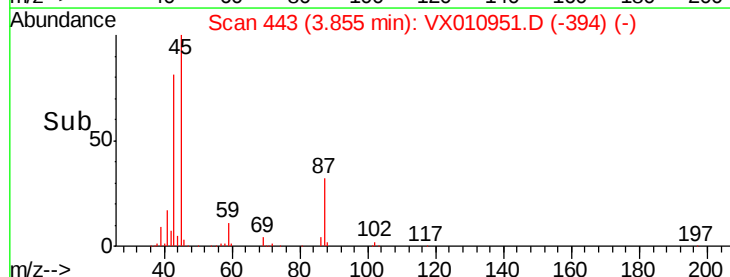
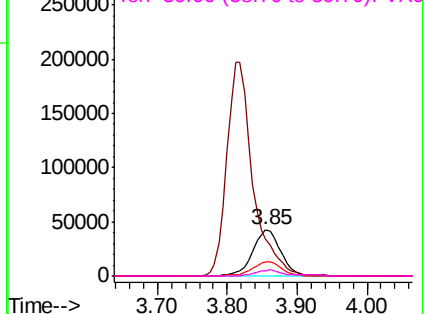
43 81.3 63.3 94.9

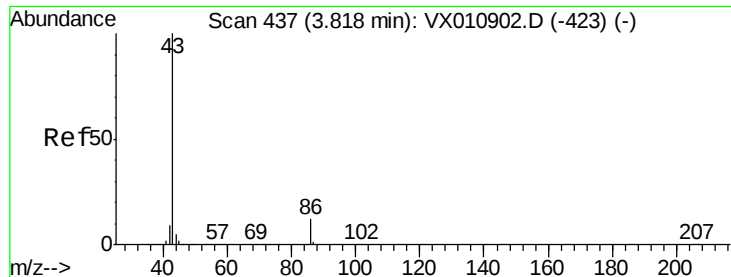
87 31.9 25.8 38.8

59 11.4 9.6 14.4



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





#23

Vinyl Acetate

Concen: 102.726 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

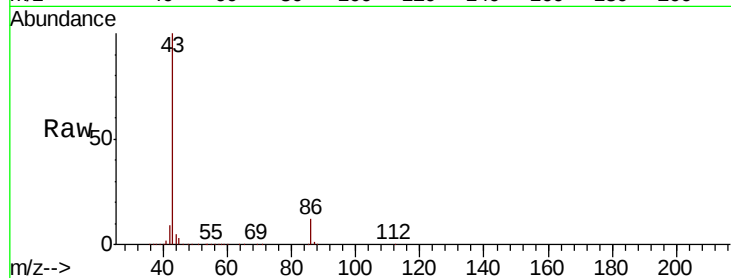
VX0718MBS01

Tgt Ion: 43 Resp: 511900

Ion Ratio Lower Upper

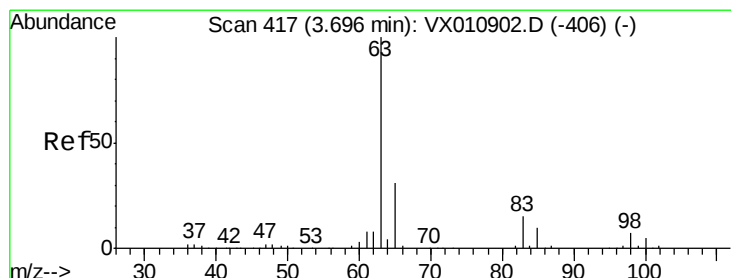
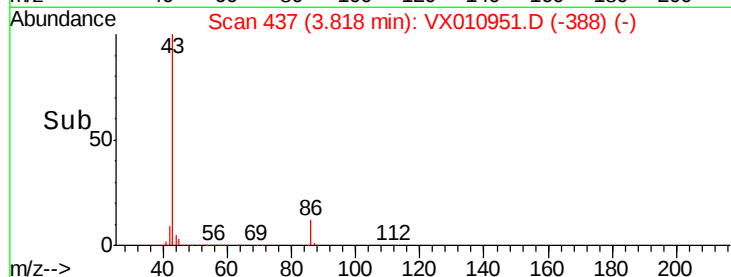
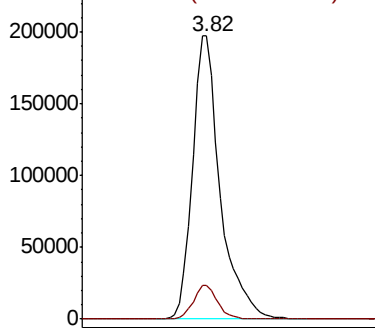
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.939 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

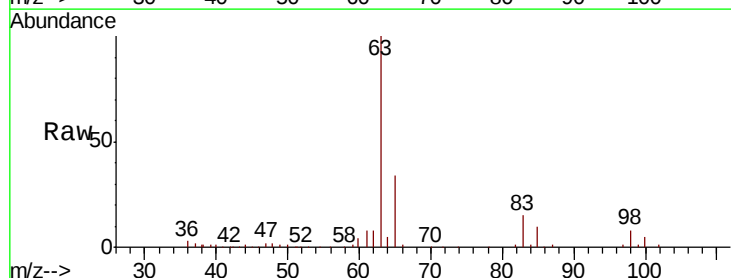
Tgt Ion: 63 Resp: 68102

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

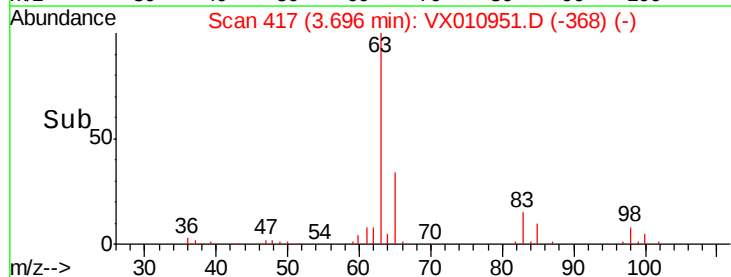
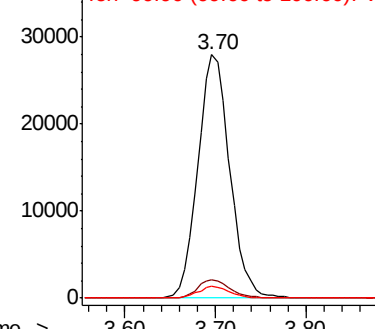
100 4.9 2.4 7.1

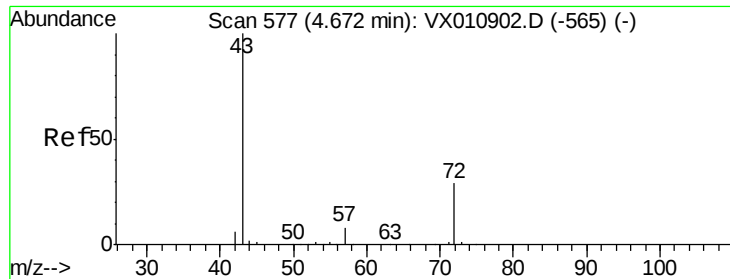


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.285 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

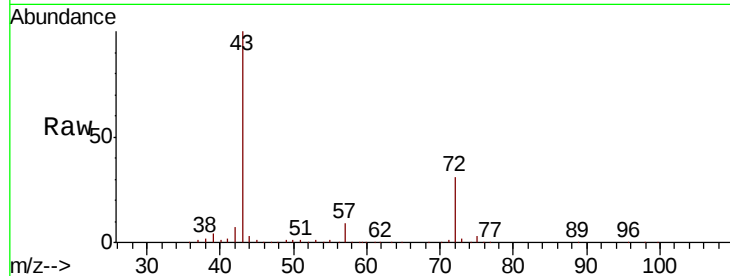
VX0718MBS01

Tgt Ion: 43 Resp: 149060

Ion Ratio Lower Upper

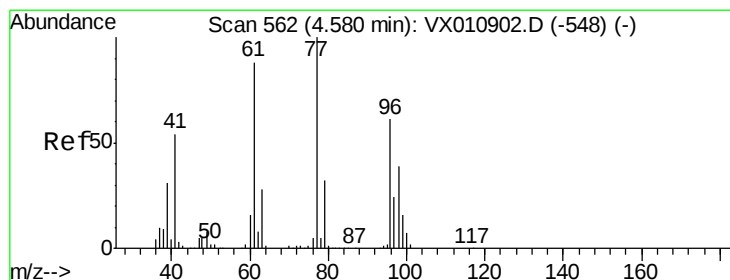
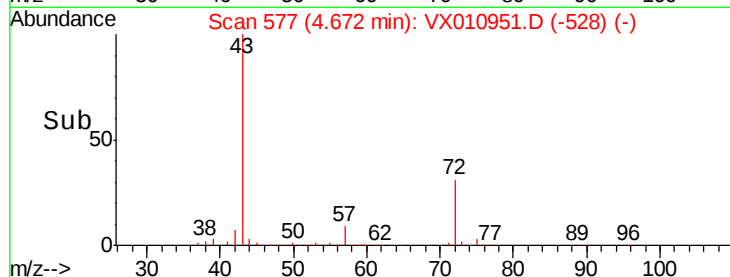
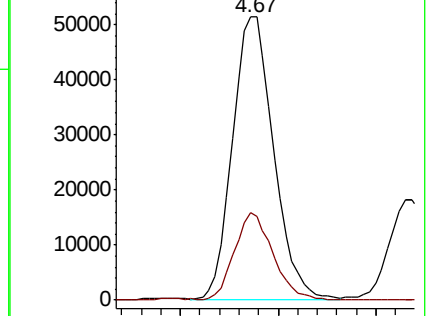
43 100

72 30.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.030 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010951.D

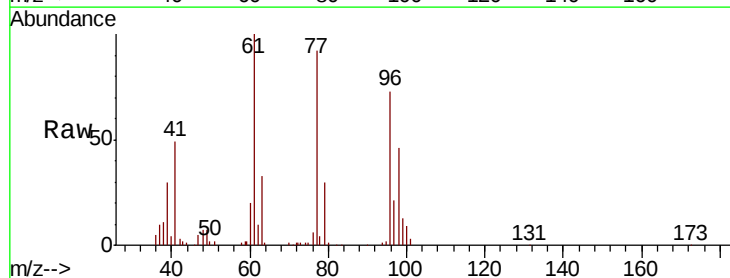
Acq: 18 Jul 2019 12:16

Tgt Ion: 77 Resp: 53370

Ion Ratio Lower Upper

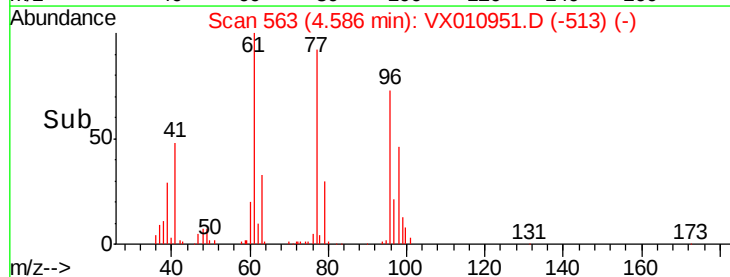
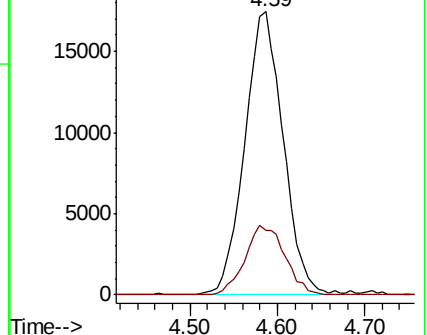
77 100

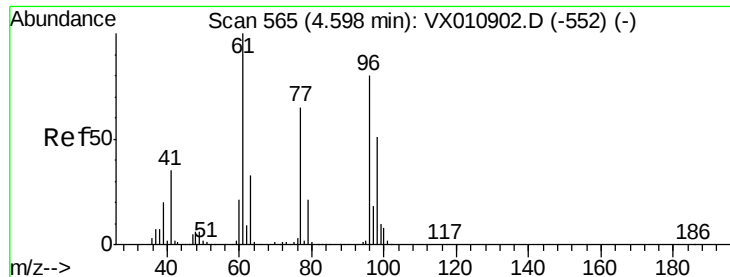
97 25.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



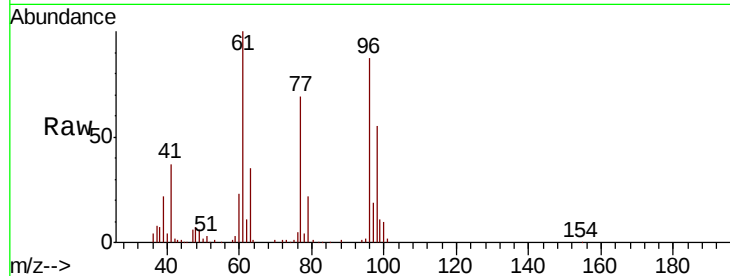


#27

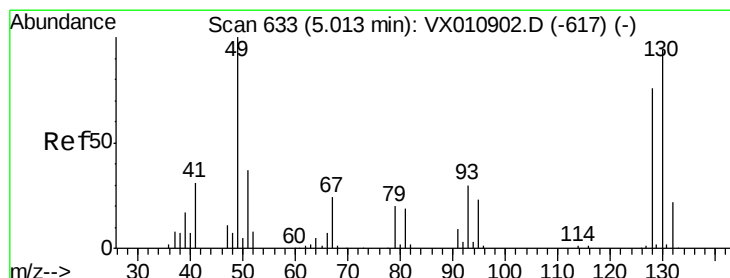
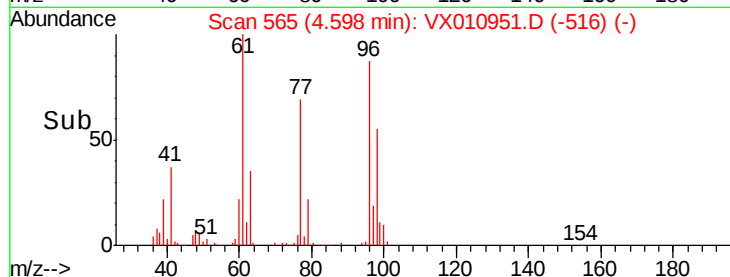
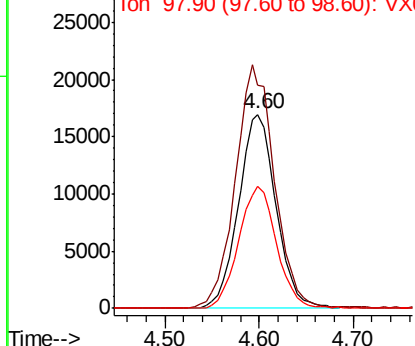
cis-1,2-Dichloroethene
 Concen: 20.003 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

Tgt Ion: 96 Resp: 47157
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 251.8
 98 63.5 0.0 129.4



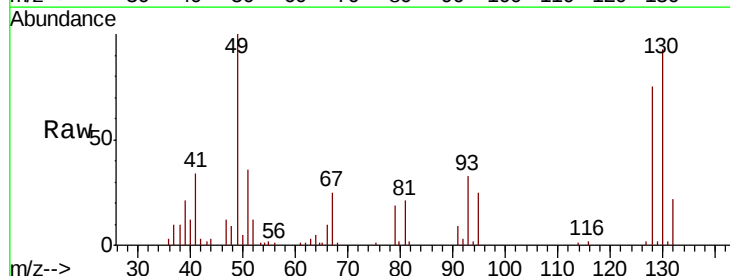
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



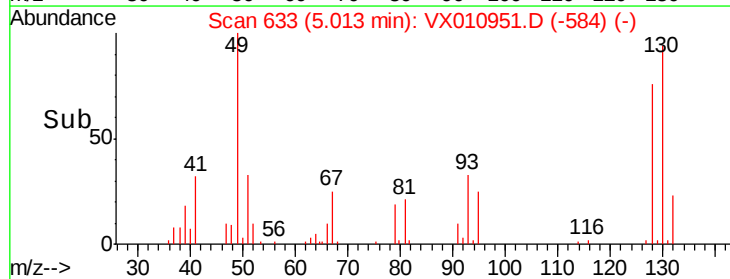
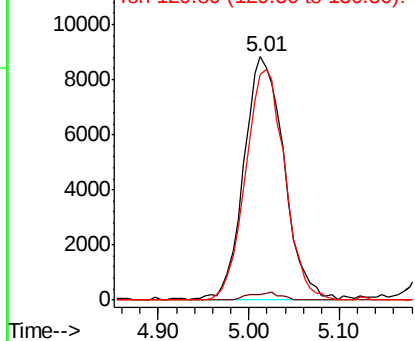
#28

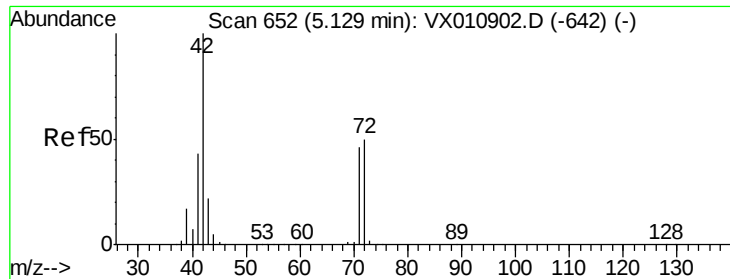
Bromochloromethane
 Concen: 16.806 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion: 49 Resp: 27050
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 92.8 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: 101.048 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

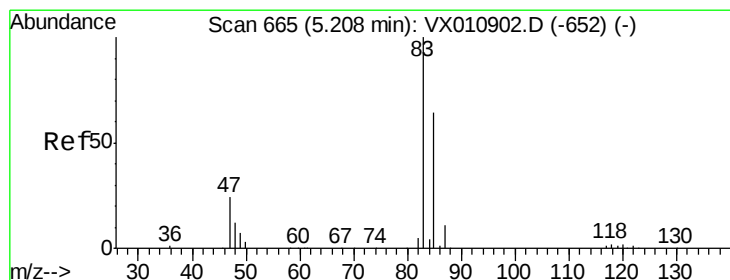
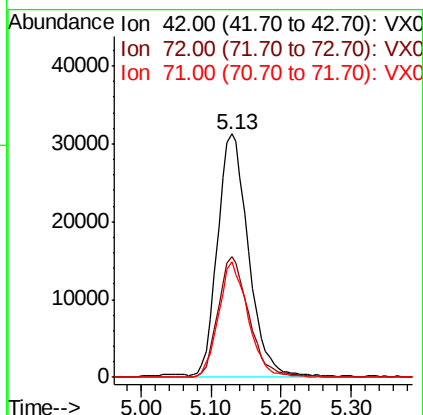
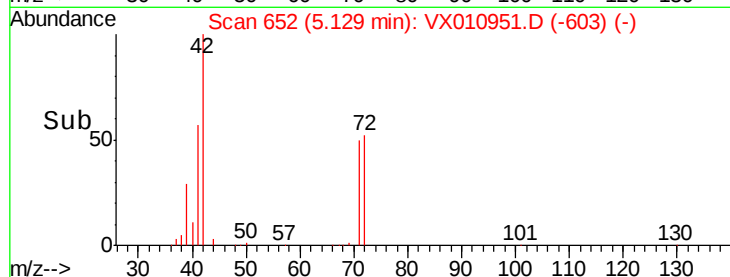
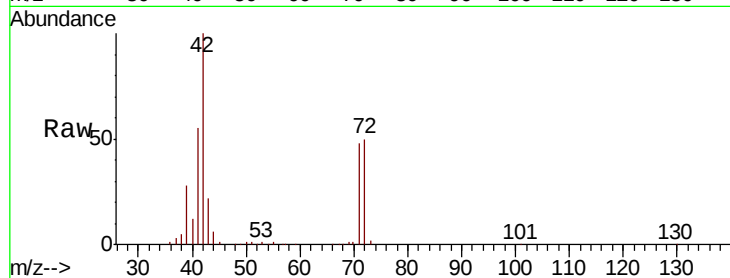
Tgt Ion: 42 Resp: 95143

Ion Ratio Lower Upper

42 100

72 50.1 40.6 60.8

71 45.5 37.8 56.8



#30

Chloroform

Concen: 19.595 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010951.D

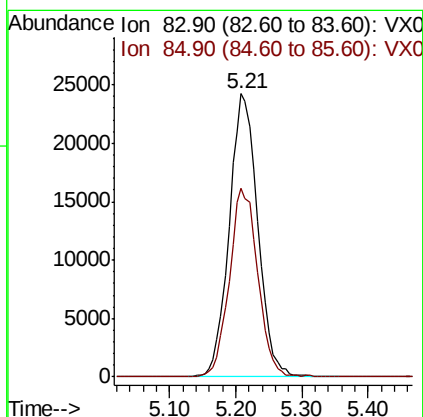
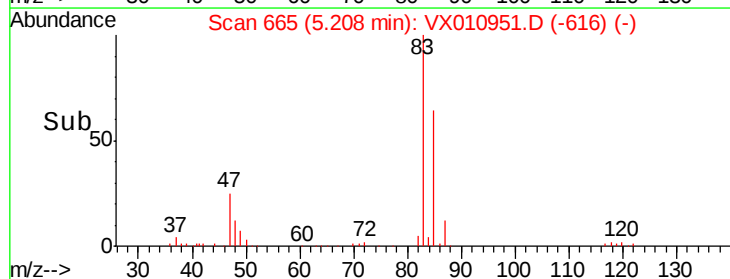
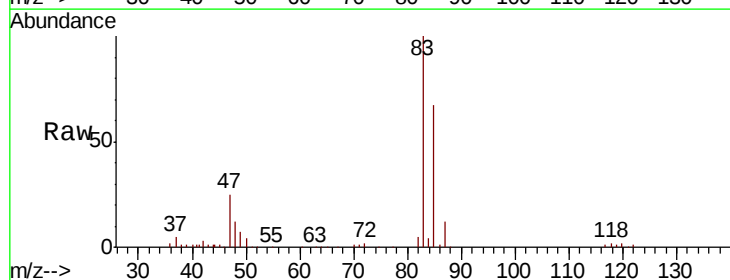
Acq: 18 Jul 2019 12:16

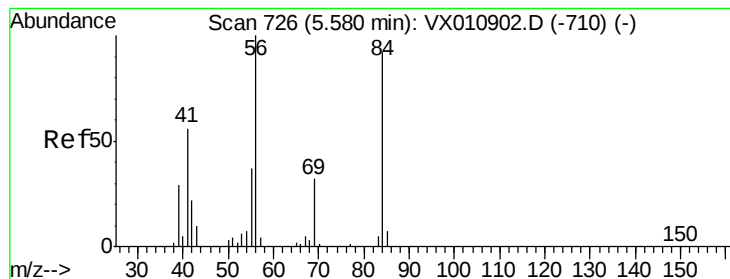
Tgt Ion: 83 Resp: 72343

Ion Ratio Lower Upper

83 100

85 66.6 50.9 76.3





#31

Cyclohexane

Concen: 19.604 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

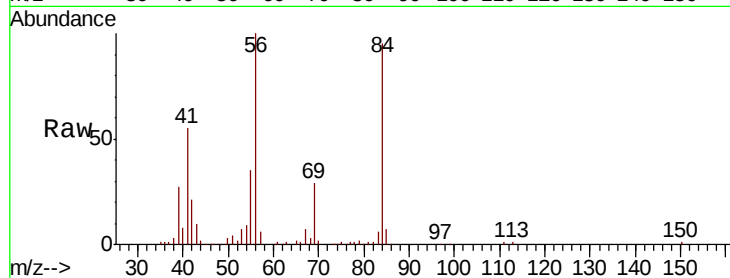
Tgt Ion: 56 Resp: 61031

Ion Ratio Lower Upper

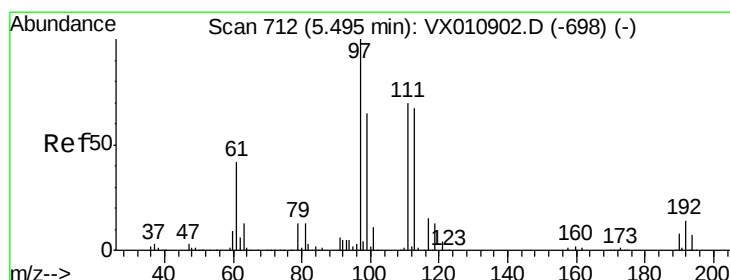
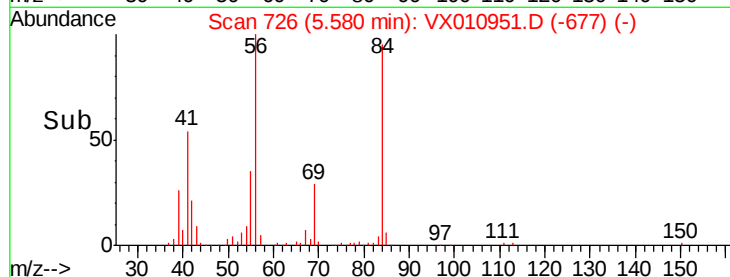
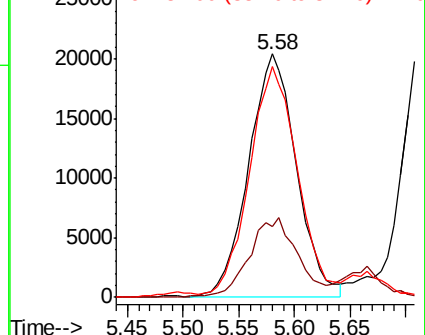
56 100

69 28.8 25.9 38.9

84 93.2 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: 19.934 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

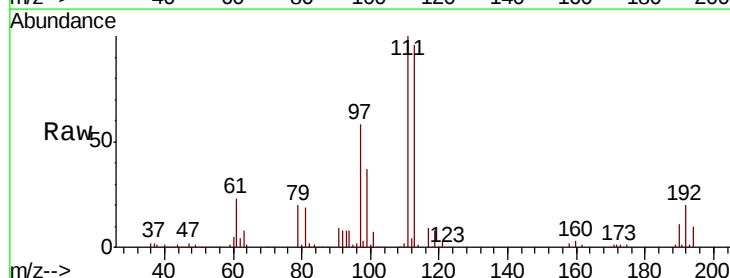
Tgt Ion: 97 Resp: 63669

Ion Ratio Lower Upper

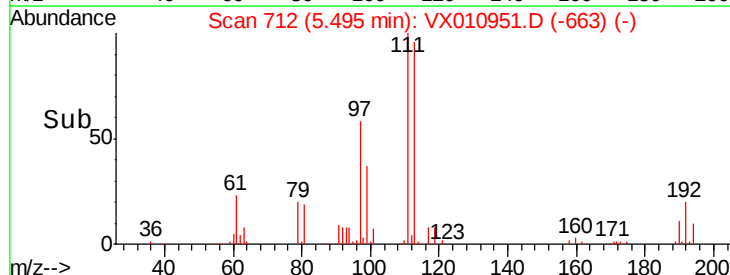
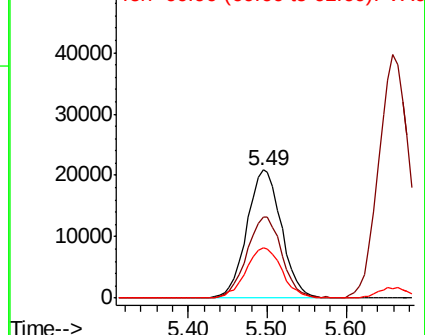
97 100

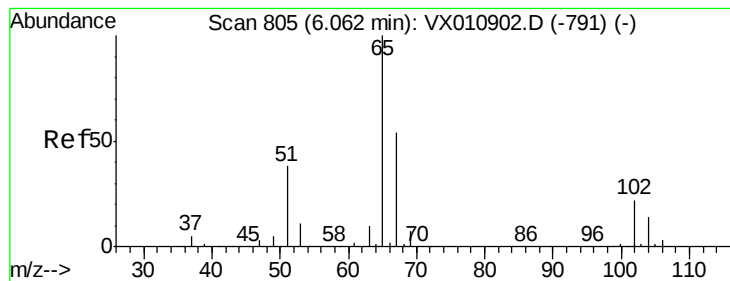
99 63.9 51.8 77.8

61 41.0 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: 50.419 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

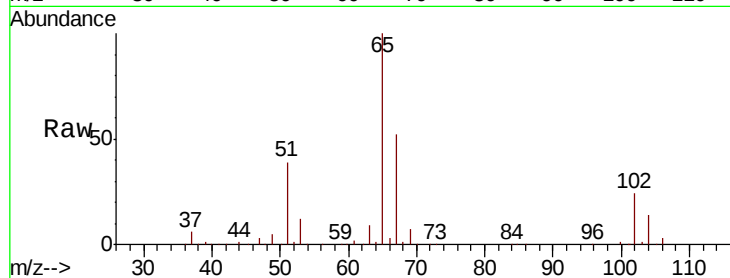
VX0718MBS01

Tgt Ion: 65 Resp: 115606

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

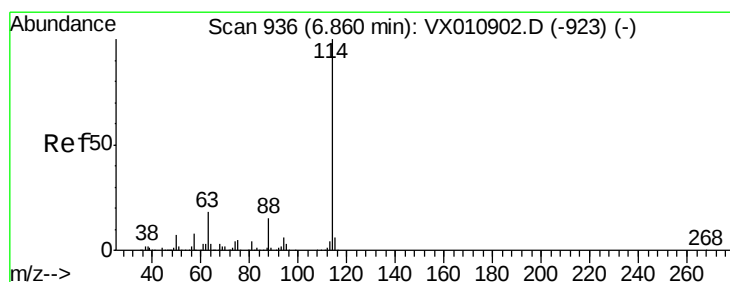
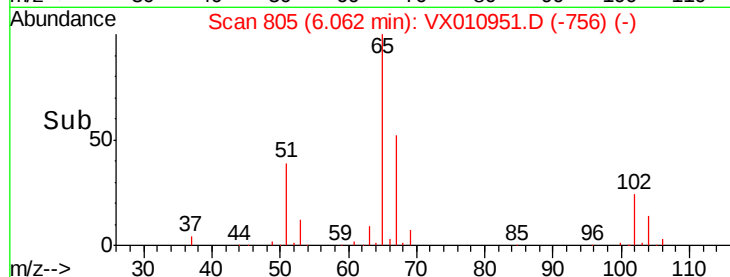
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

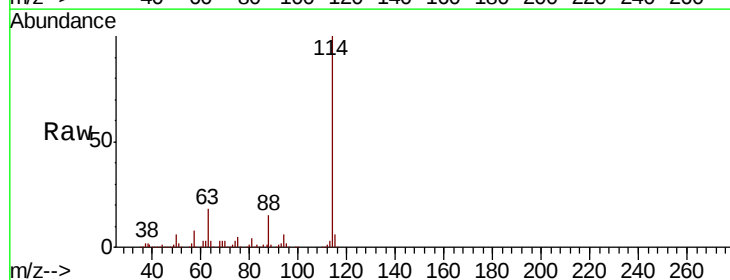
Tgt Ion: 114 Resp: 324489

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 15.0 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

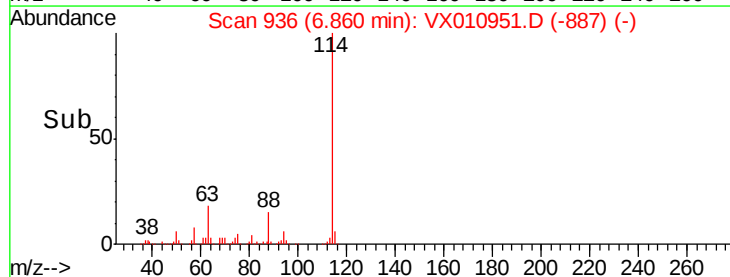
100000

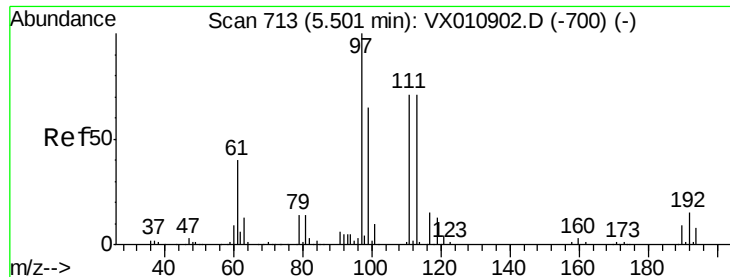
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.209 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

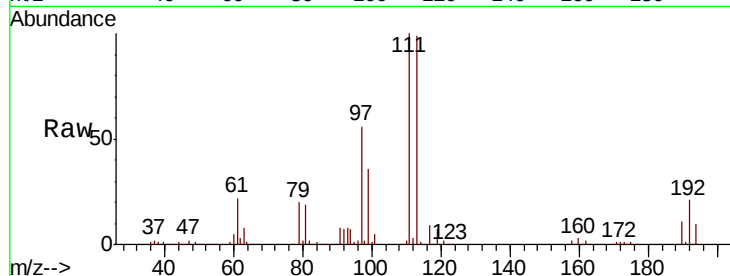
Tgt Ion:113 Resp: 103410

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

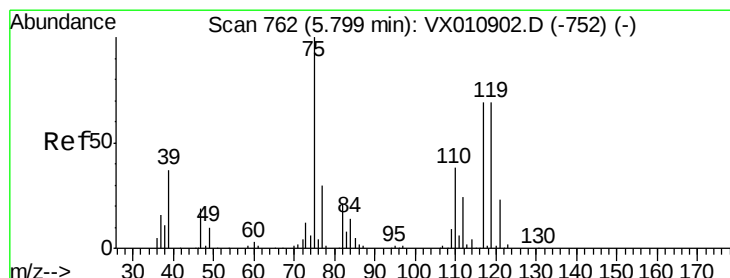
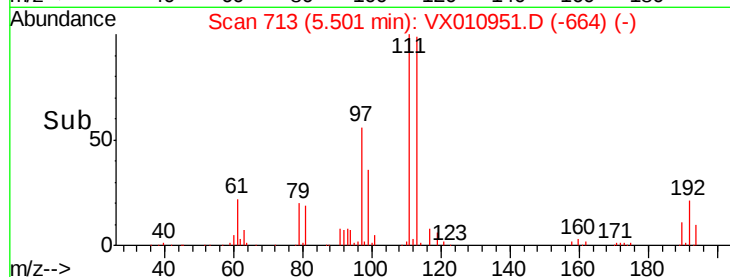
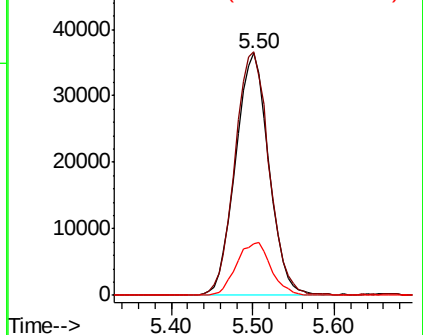
192 22.6 18.6 27.8



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: 19.727 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

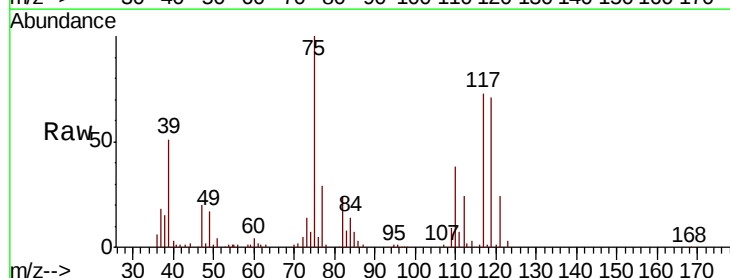
Tgt Ion: 75 Resp: 52579

Ion Ratio Lower Upper

75 100

110 40.3 20.8 62.2

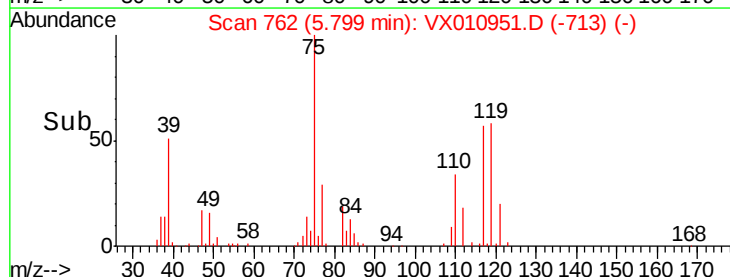
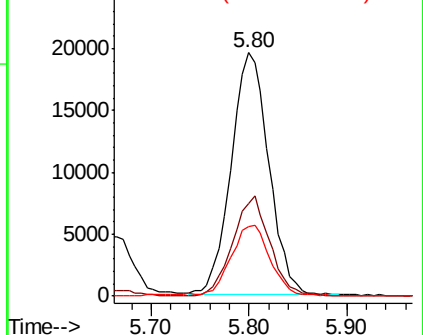
77 30.8 25.4 38.0

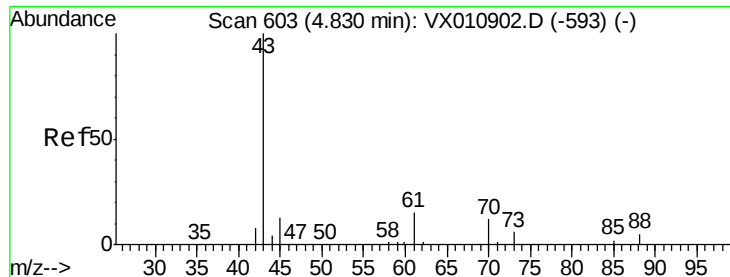


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

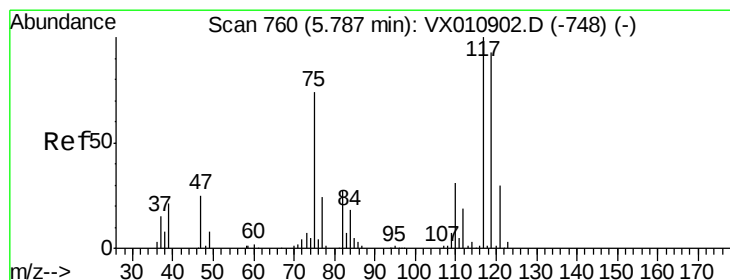
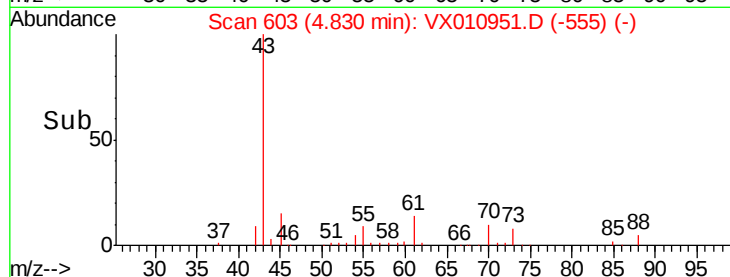
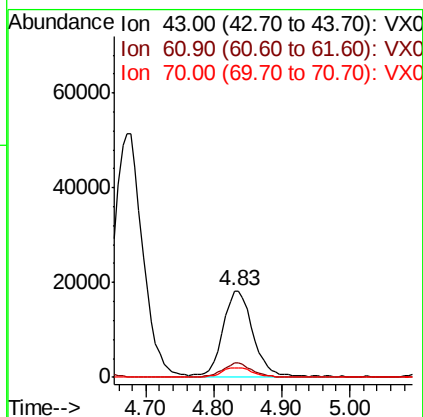
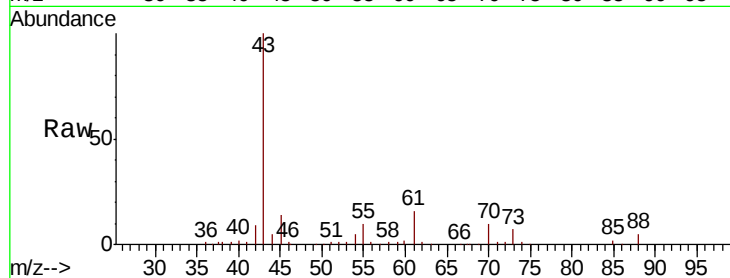




#37
Ethyl Acetate
Concen: 20.274 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

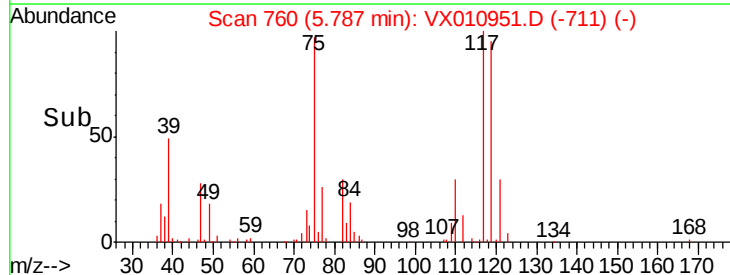
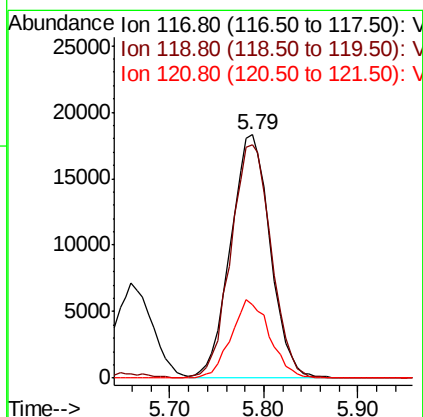
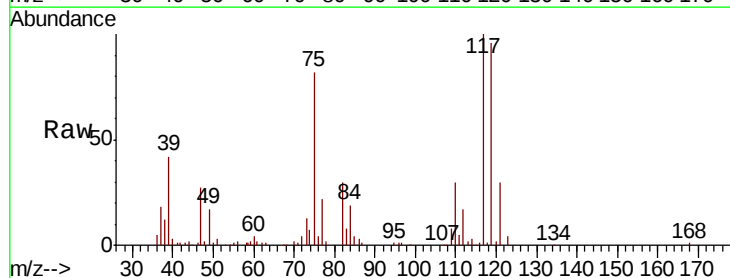
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

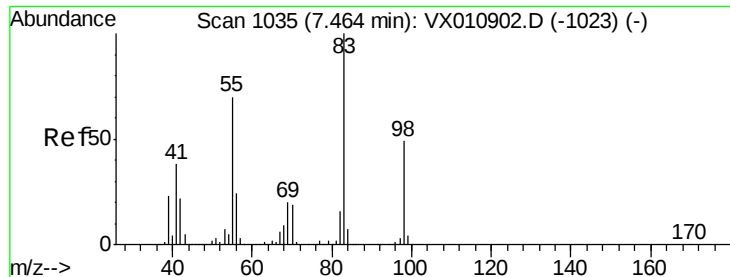
Tgt Ion: 43 Resp: 55333
Ion Ratio Lower Upper
43 100
61 15.0 12.4 18.6
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 19.389 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 117 Resp: 53853
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4
121 30.4 24.7 37.1

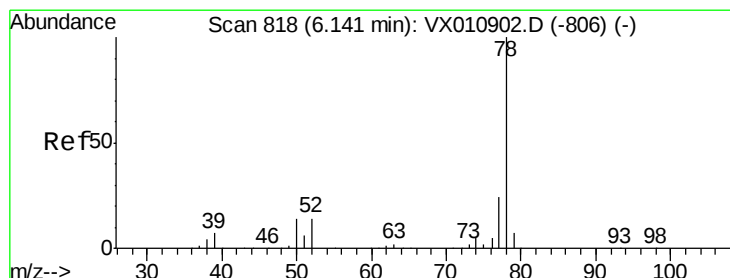
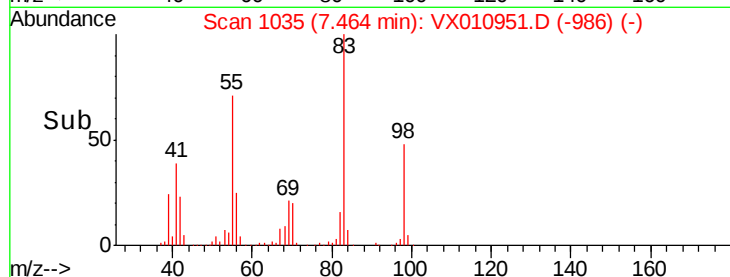
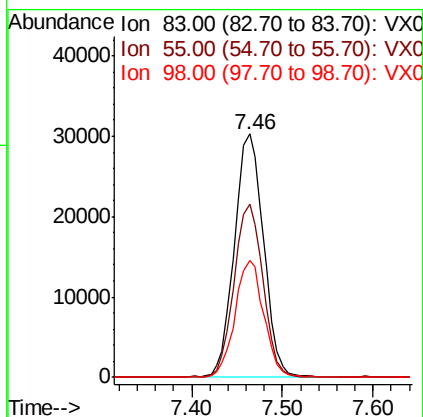
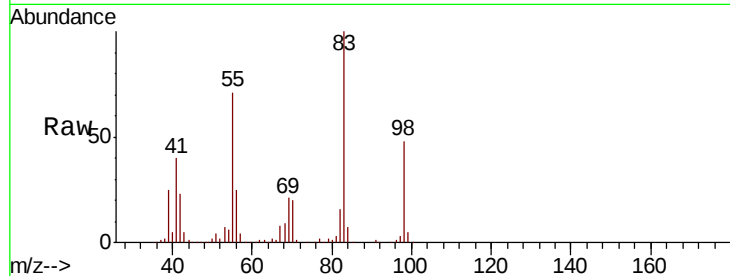




#39
Methylcyclohexane
Concen: 19.555 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

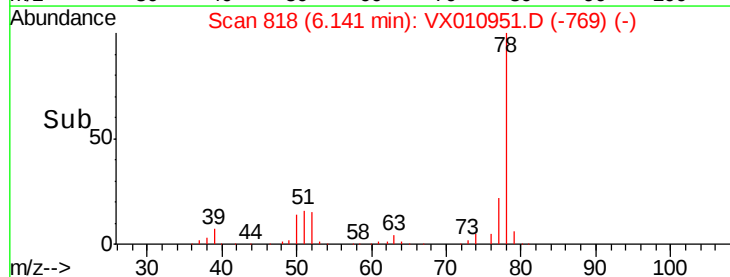
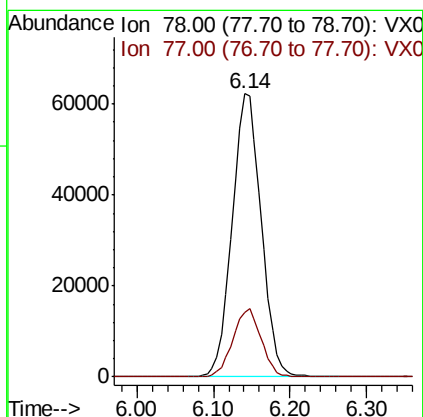
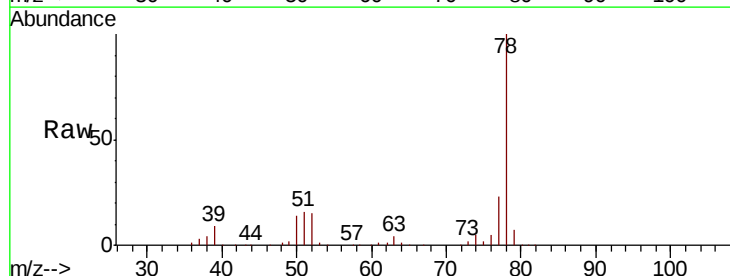
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

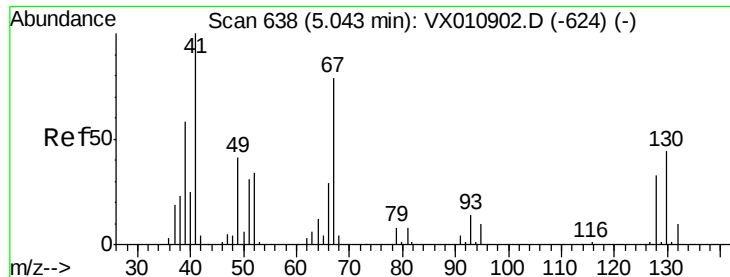
Tgt Ion: 83 Resp: 67593
Ion Ratio Lower Upper
83 100
55 71.2 53.0 79.6
98 48.1 37.8 56.8



#40
Benzene
Concen: 20.007 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 78 Resp: 163349
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0





#41

Methacrylonitrile

Concen: 18.917 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

Tgt Ion: 41 Resp: 29309

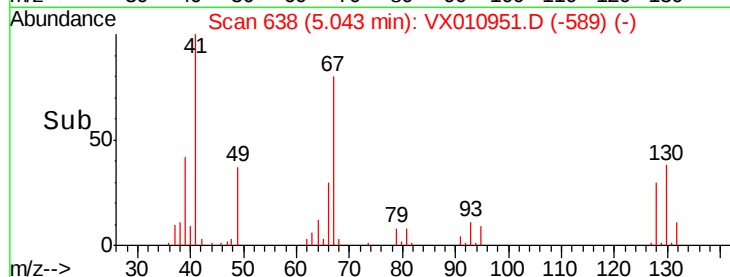
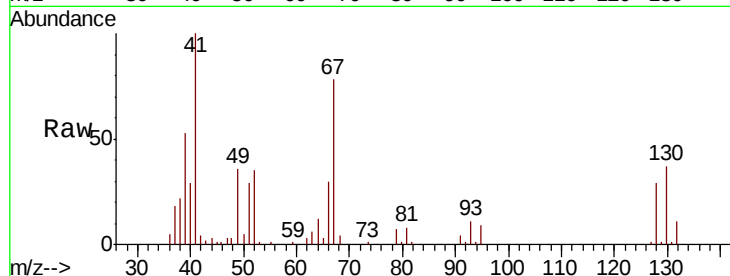
Ion Ratio Lower Upper

41 100

39 55.6 43.8 65.8

67 83.1 66.6 100.0

52 34.7 24.5 36.7

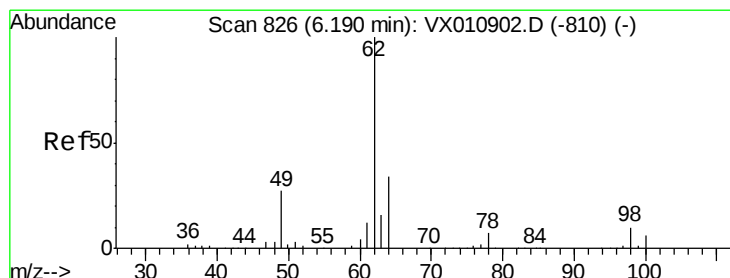
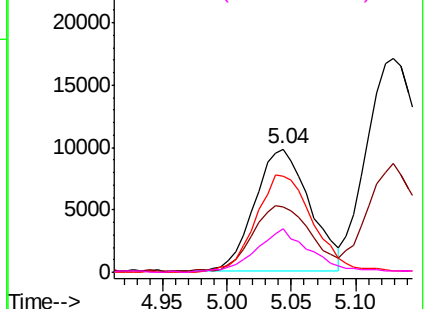


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.675 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010951.D

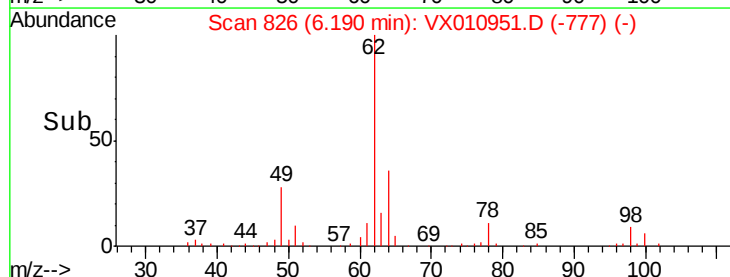
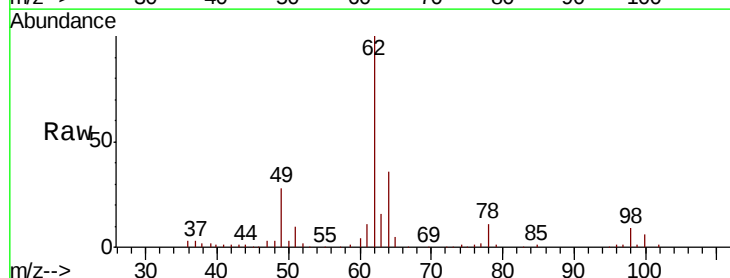
Acq: 18 Jul 2019 12:16

Tgt Ion: 62 Resp: 55854

Ion Ratio Lower Upper

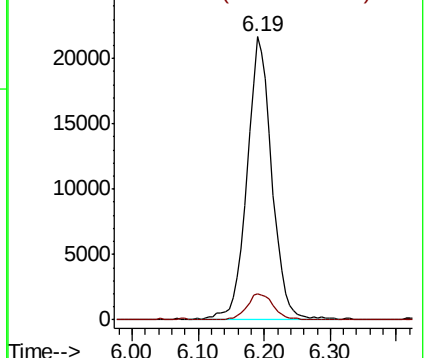
62 100

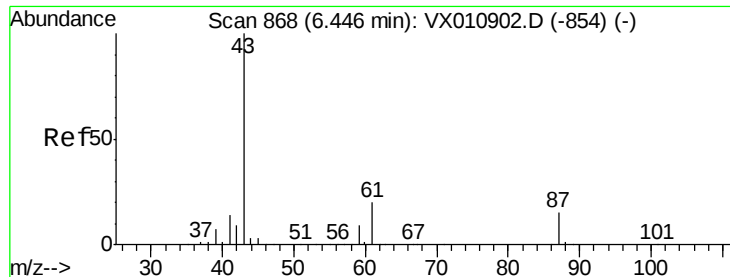
98 10.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.498 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

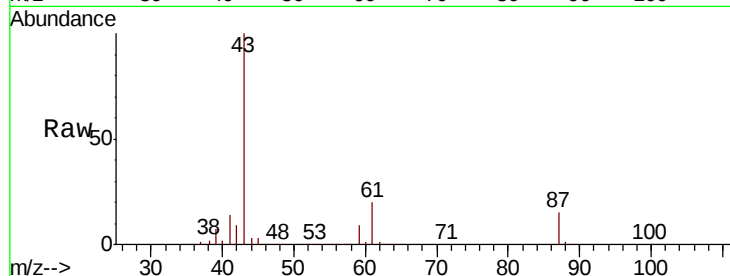
Tgt Ion: 43 Resp: 87502

Ion Ratio Lower Upper

43 100

61 20.9 17.8 26.6

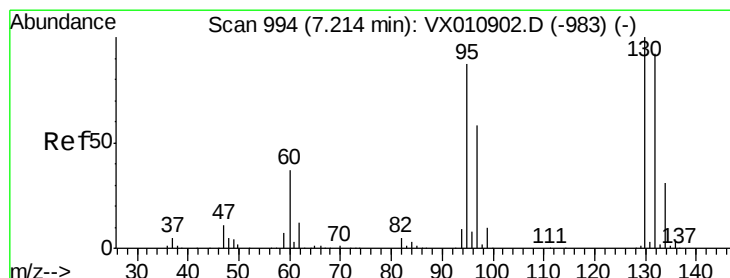
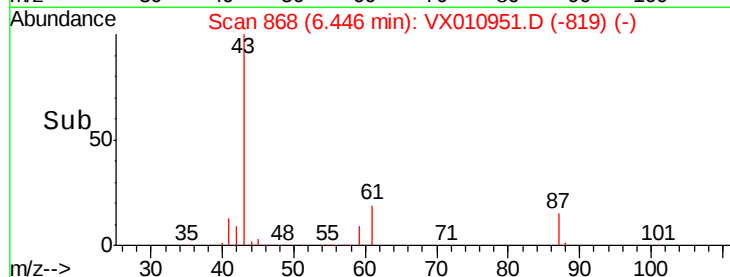
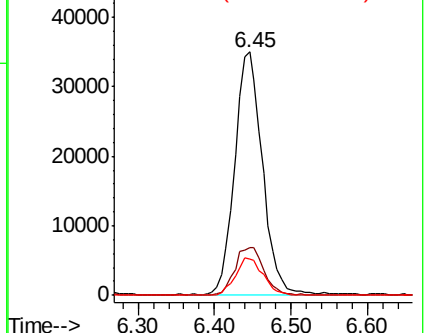
87 15.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.723 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010951.D

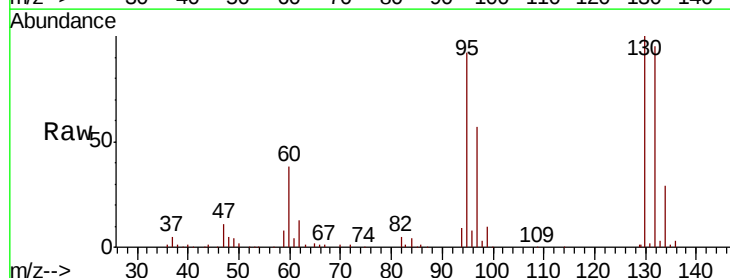
Acq: 18 Jul 2019 12:16

Tgt Ion: 130 Resp: 47666

Ion Ratio Lower Upper

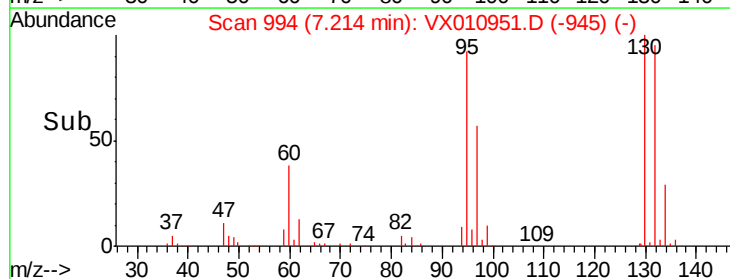
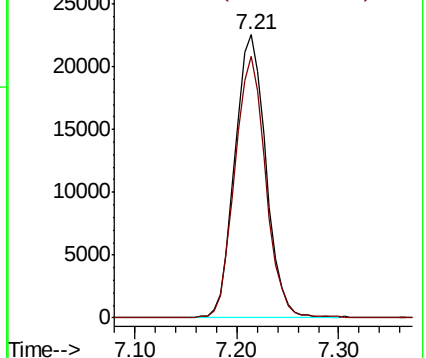
130 100

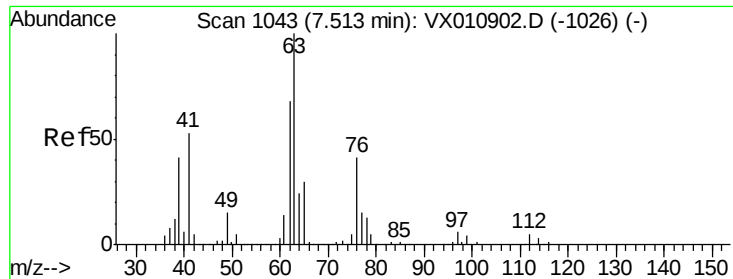
95 92.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.448 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

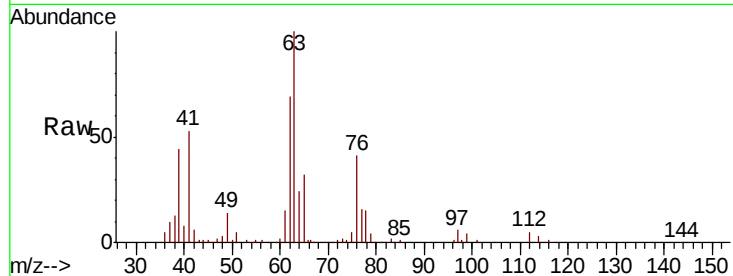
VX0718MBS01

Tgt Ion: 63 Resp: 40415

Ion Ratio Lower Upper

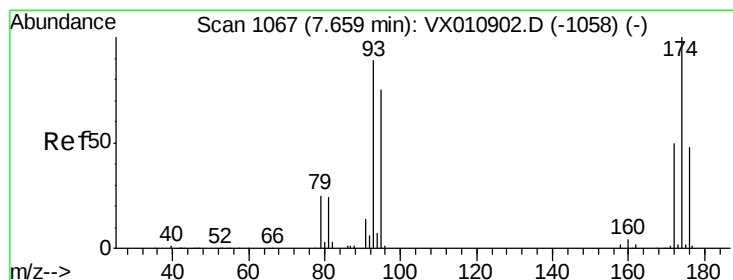
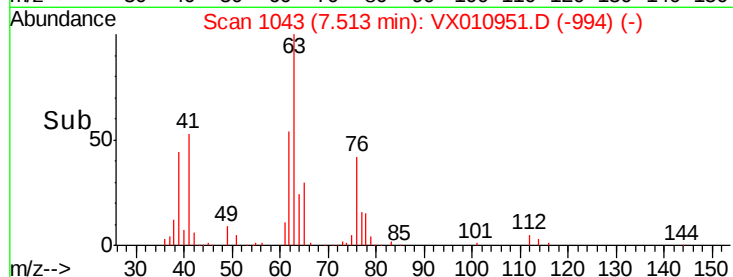
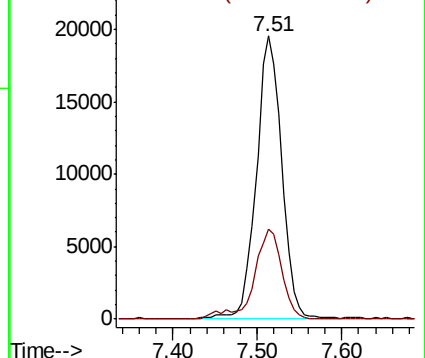
63 100

65 31.7 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: 20.662 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

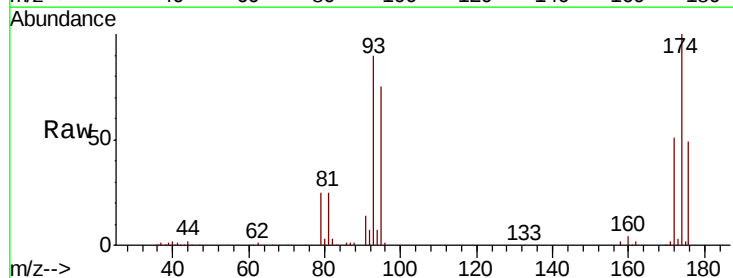
Tgt Ion: 93 Resp: 30681

Ion Ratio Lower Upper

93 100

95 82.8 67.5 101.3

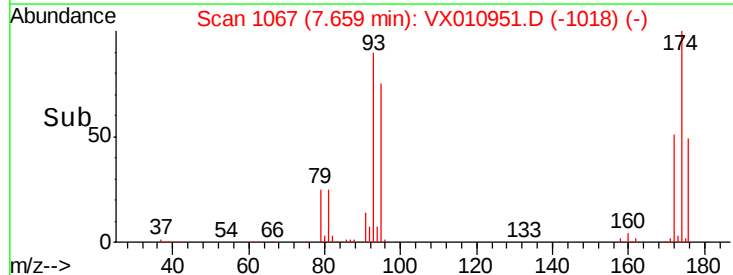
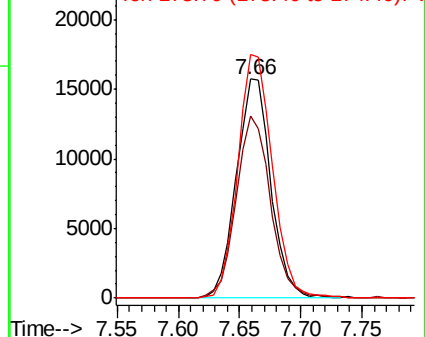
174 111.8 95.8 143.6

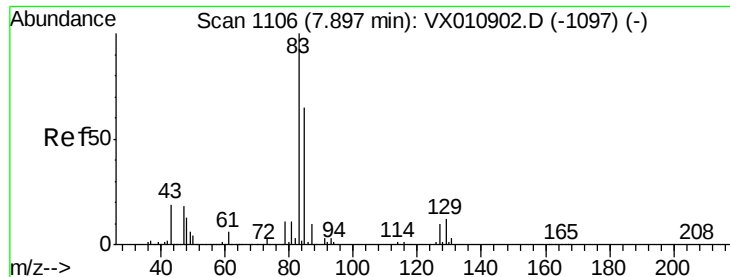


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

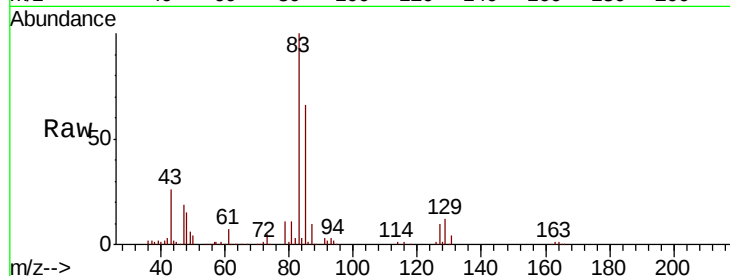




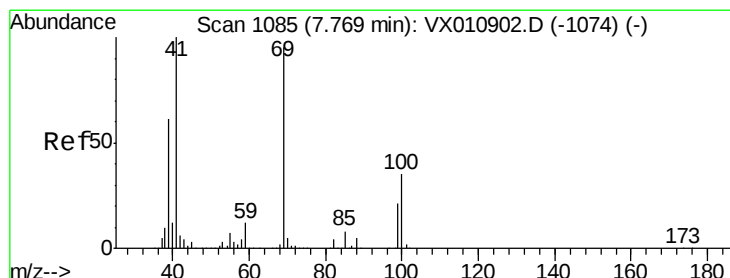
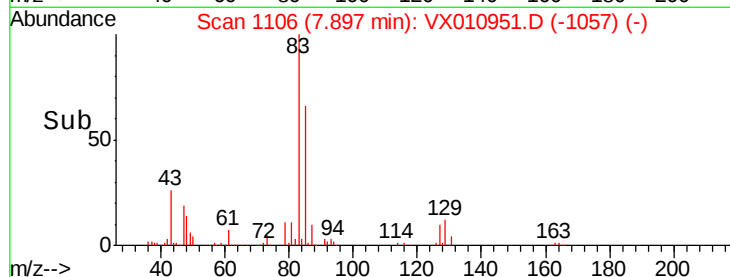
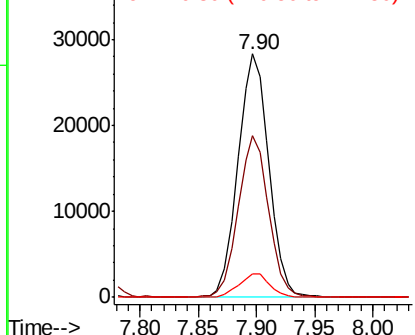
#47
Bromodichloromethane
Concen: 19.793 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

Tgt Ion: 83 Resp: 52317
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3
127 9.7 7.8 11.8

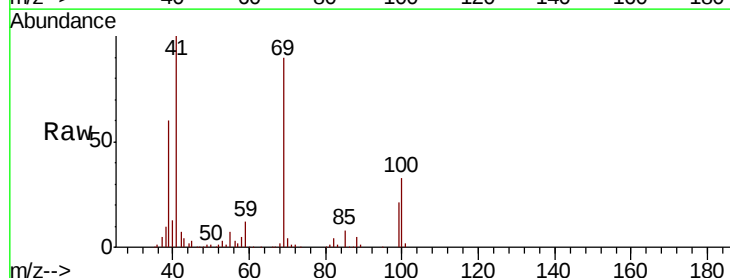


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

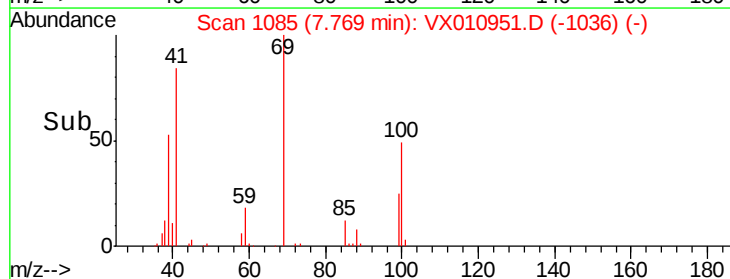
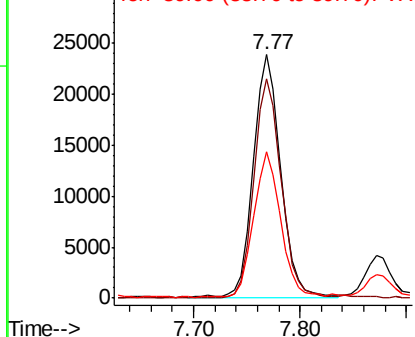


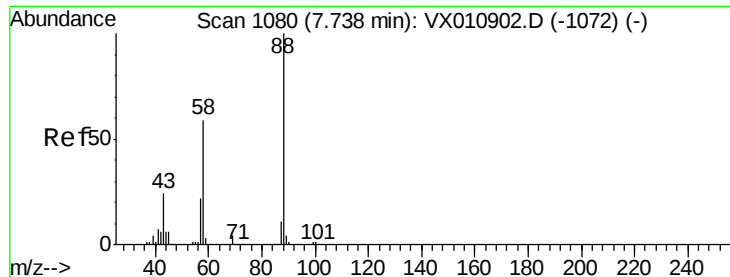
#48
Methyl methacrylate
Concen: 19.593 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 41 Resp: 42834
Ion Ratio Lower Upper
41 100
69 91.2 76.1 114.1
39 59.0 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

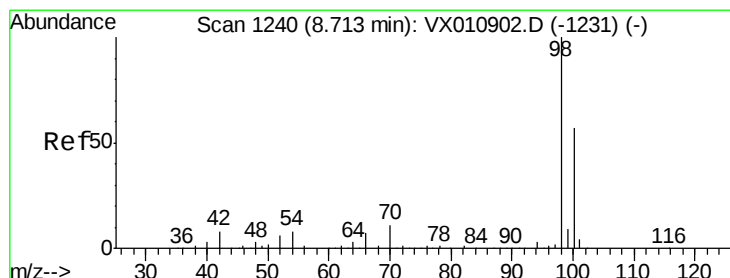
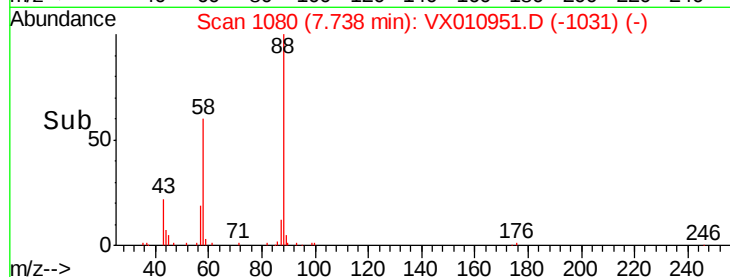
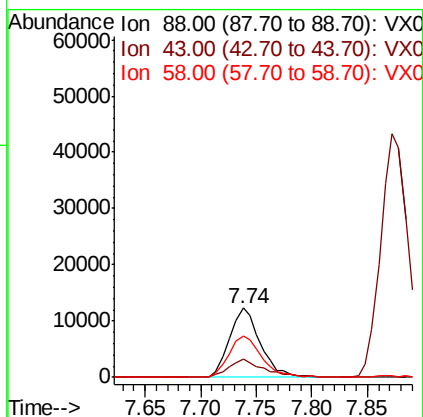
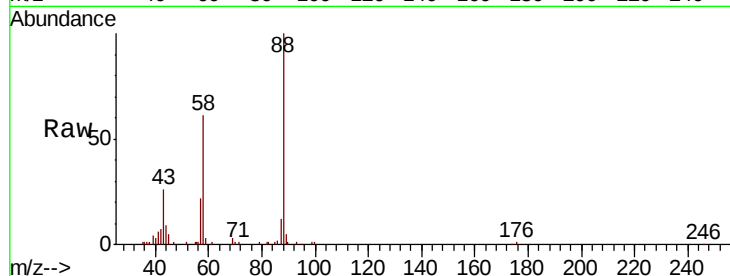




#49
1,4-Dioxane
Concen: 386.945 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

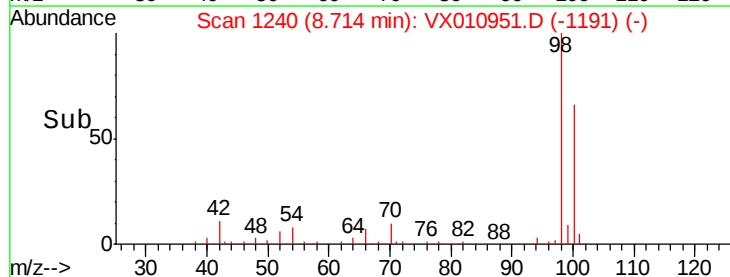
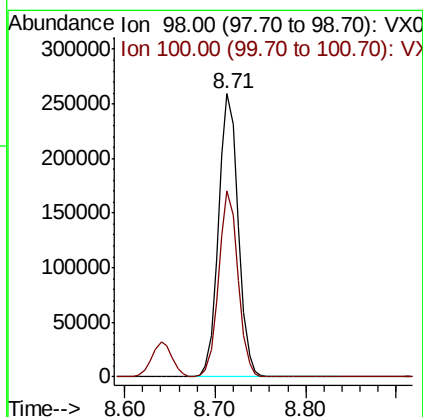
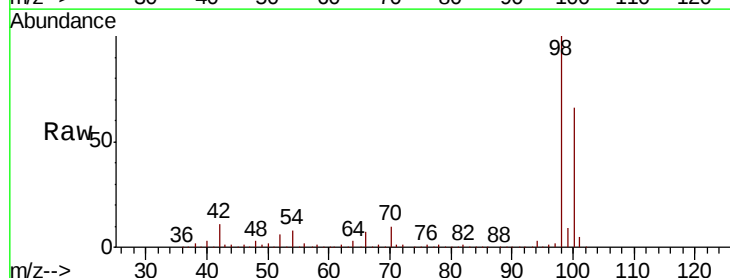
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

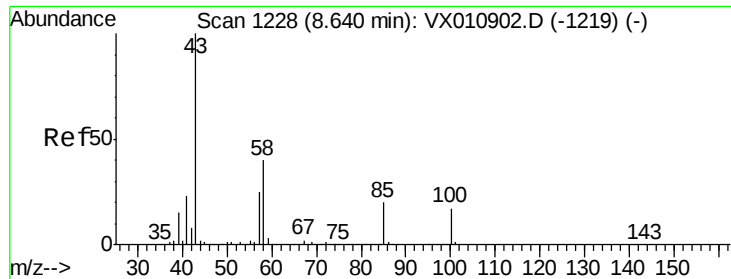
Tgt Ion: 88 Resp: 23663
Ion Ratio Lower Upper
88 100
43 27.4 20.2 30.2
58 64.7 49.5 74.3



#50
Toluene-d8
Concen: 51.019 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 98 Resp: 394115
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

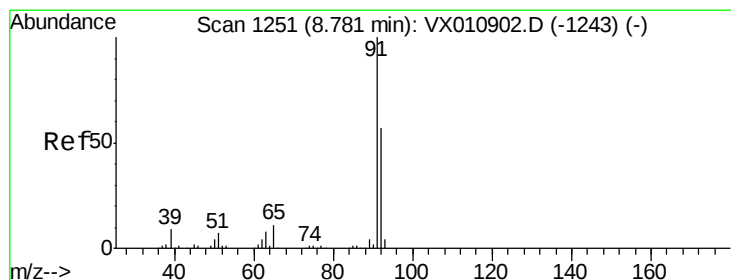
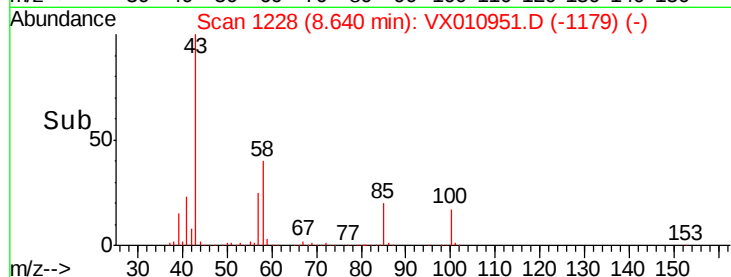
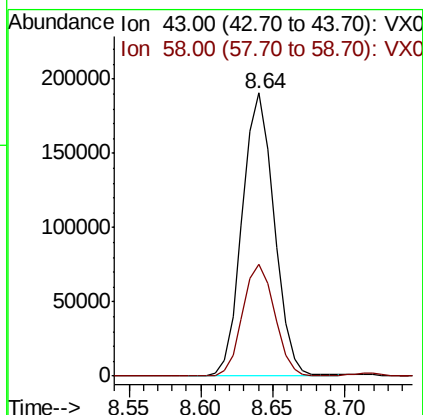
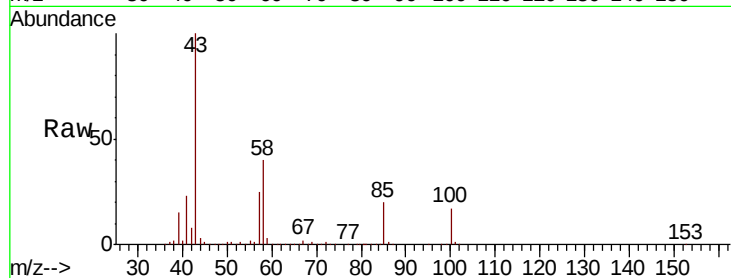




#51
 4-Methyl-2-Pentanone
 Concen: 101.040 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

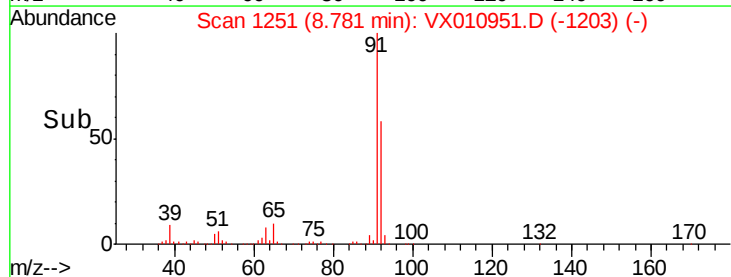
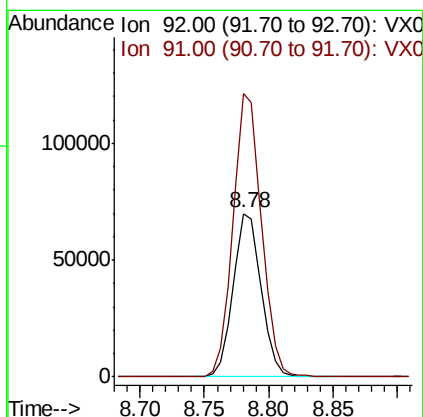
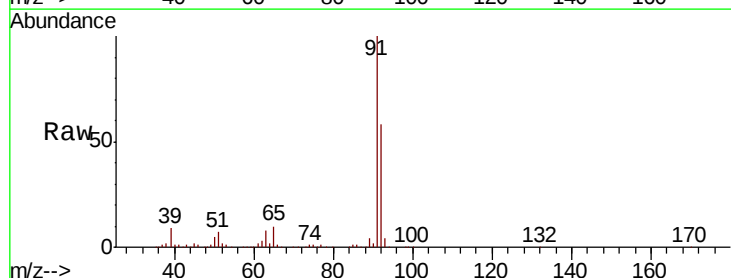
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

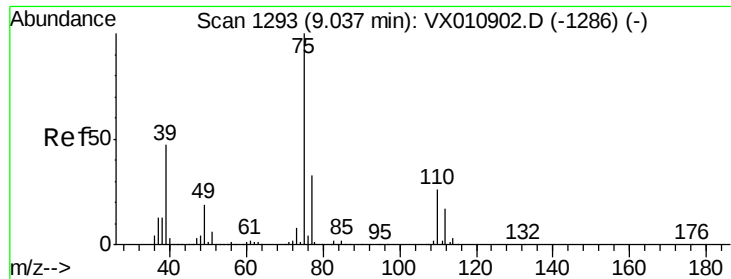
Tgt Ion: 43 Resp: 293938
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.5 50.3



#52
 Toluene
 Concen: 19.783 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion: 92 Resp: 106108
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.8 209.6

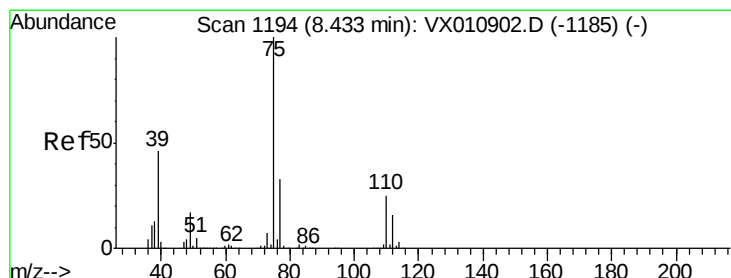
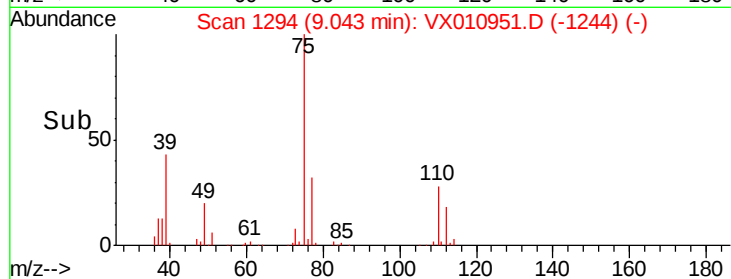
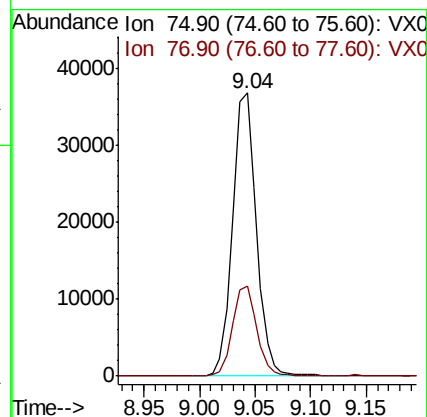
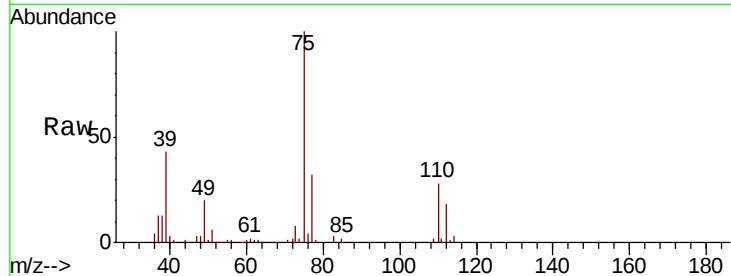




#53
 t-1,3-Dichloropropene
 Concen: 19.206 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

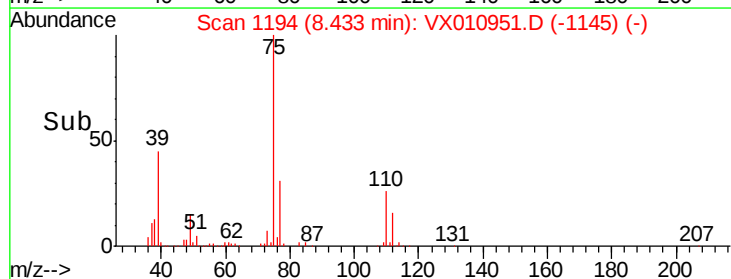
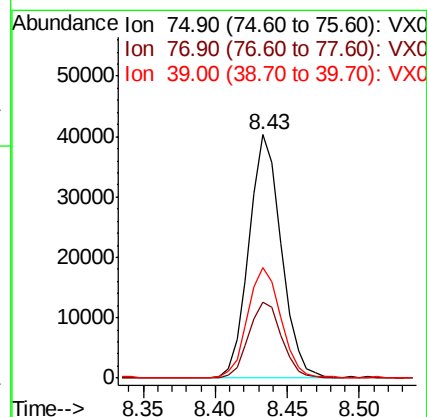
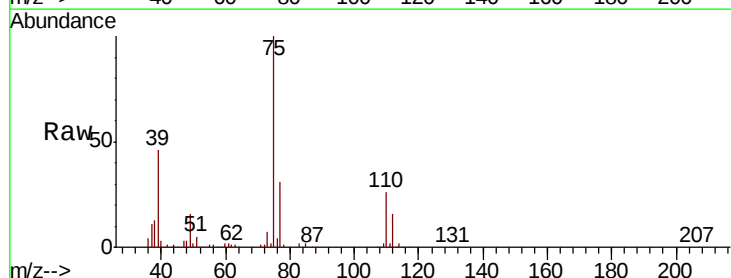
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

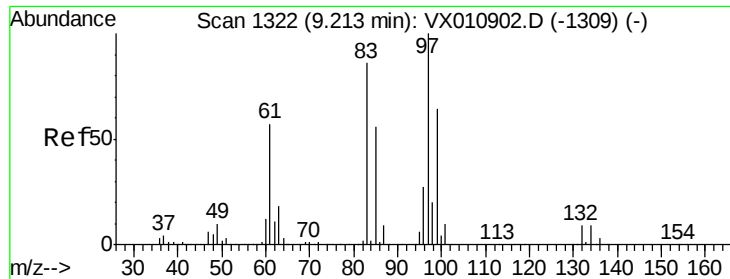
Tgt Ion: 75 Resp: 54588
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.803 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion: 75 Resp: 62628
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 45.2 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.576 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

Tgt Ion: 97 Resp: 43233

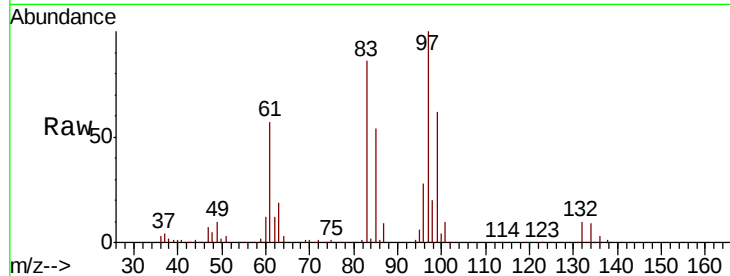
Ion Ratio Lower Upper

97 100

83 85.9 67.4 101.0

85 54.0 43.8 65.8

99 61.7 50.3 75.5

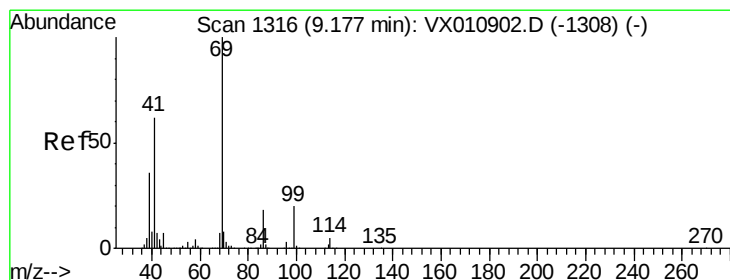
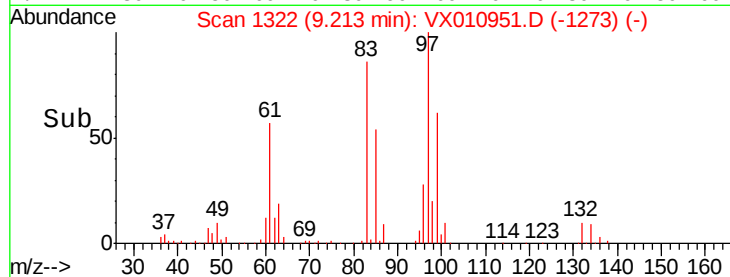
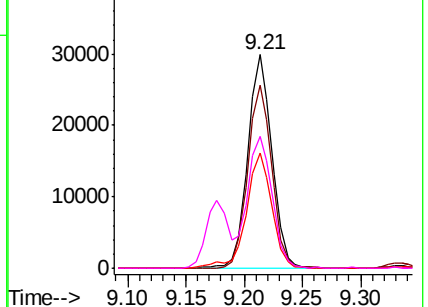


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.970 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

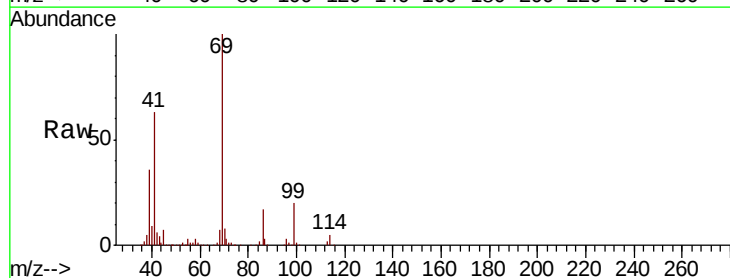
Tgt Ion: 69 Resp: 64510

Ion Ratio Lower Upper

69 100

41 61.9 47.1 70.7

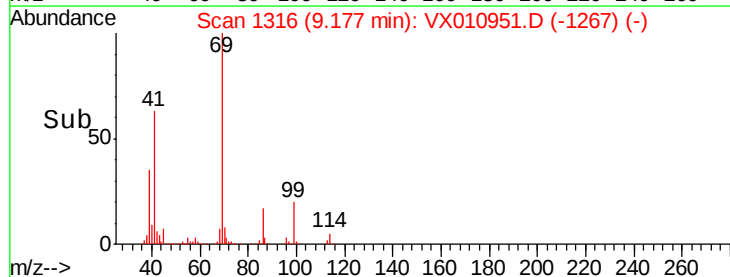
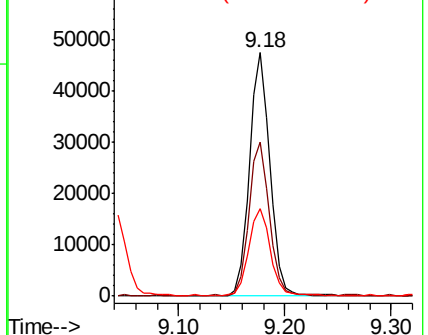
39 37.1 26.6 40.0

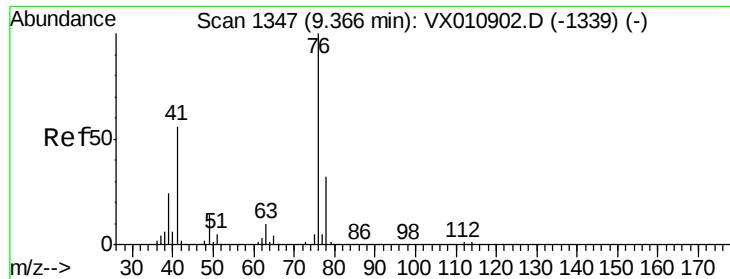


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.959 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

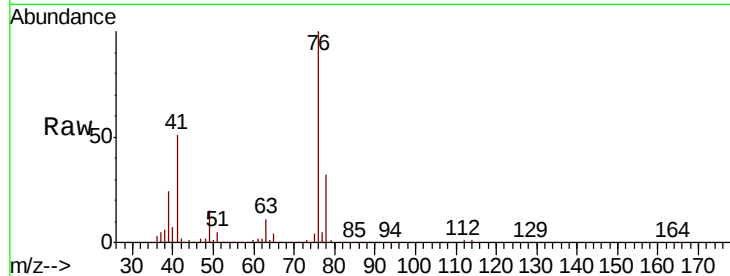
VX0718MBS01

Tgt Ion: 76 Resp: 69925

Ion Ratio Lower Upper

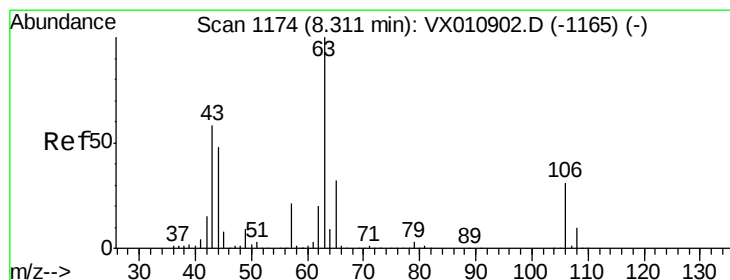
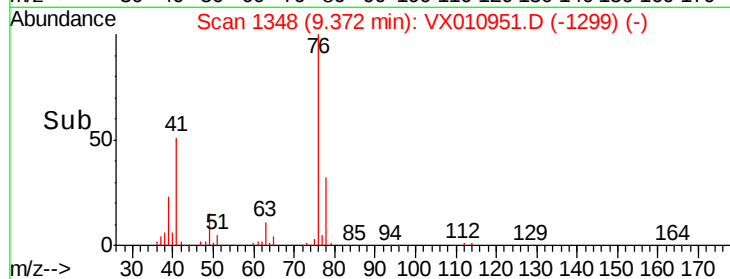
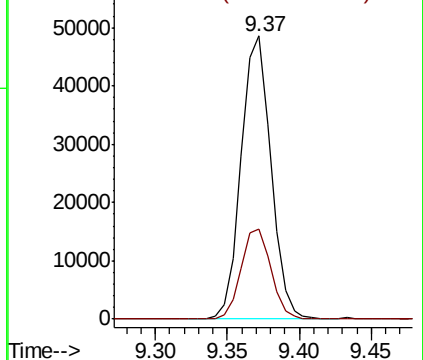
76 100

78 31.9 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: 97.092 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010951.D

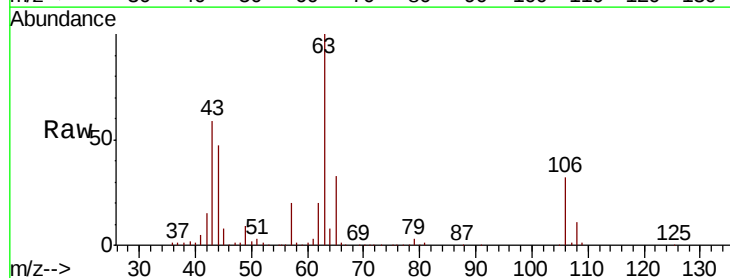
Acq: 18 Jul 2019 12:16

Tgt Ion: 63 Resp: 149723

Ion Ratio Lower Upper

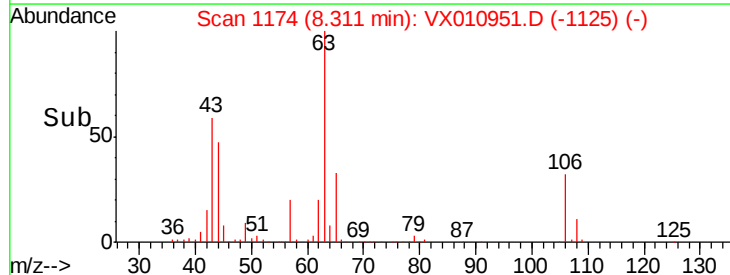
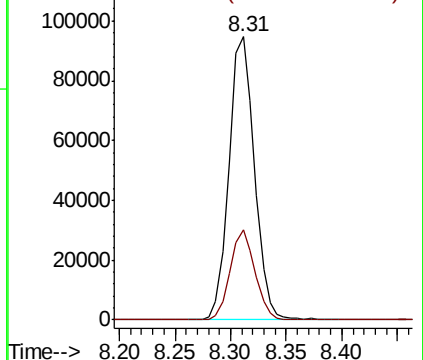
63 100

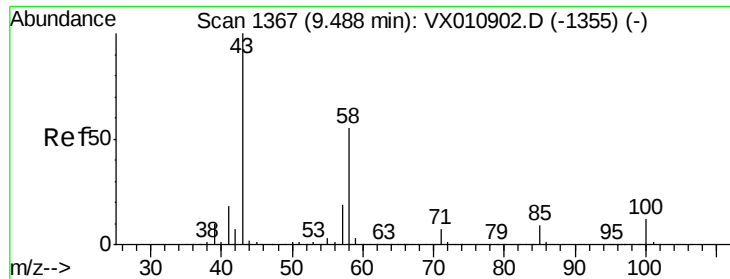
106 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

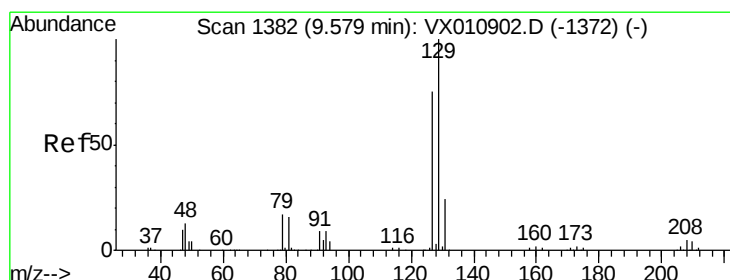
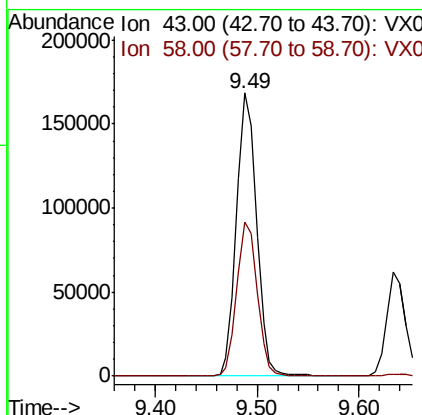
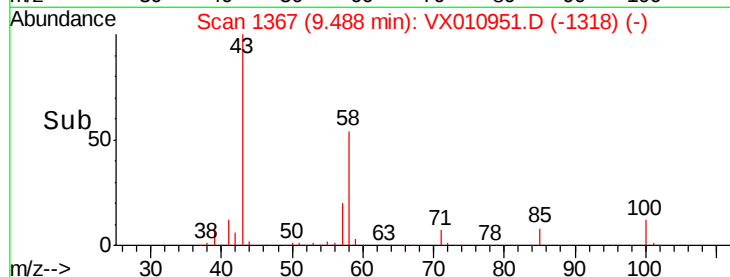
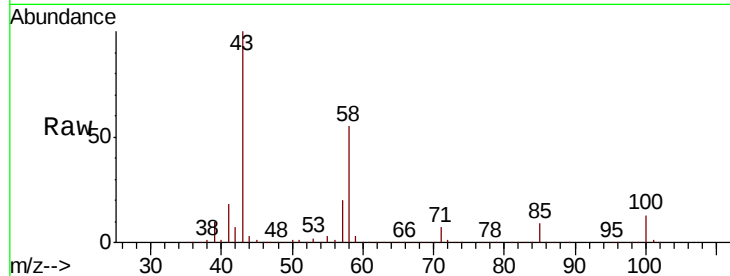




#59
 2-Hexanone
 Concen: 101.971 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

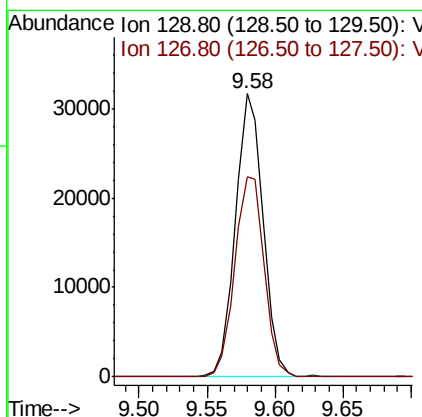
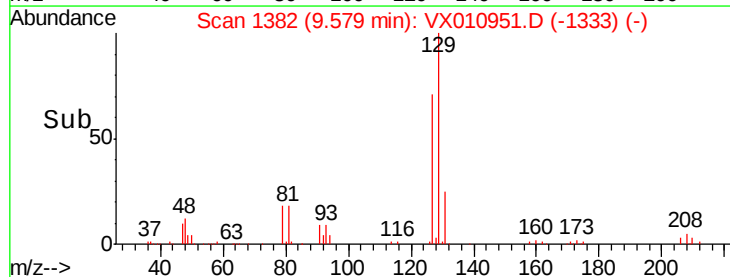
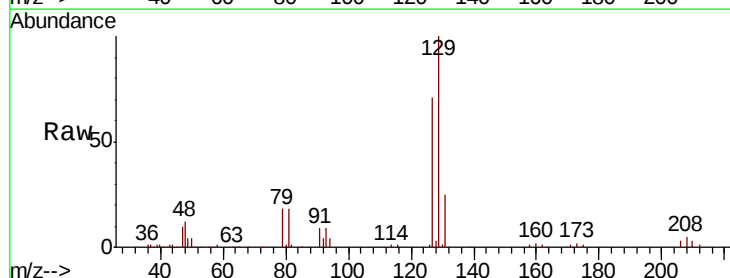
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

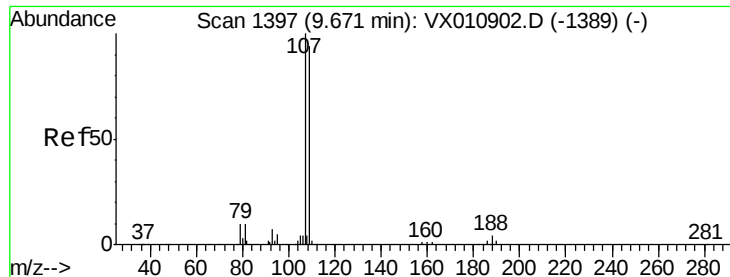
Tgt Ion: 43 Resp: 230084
 Ion Ratio Lower Upper
 43 100
 58 55.2 29.0 87.1



#60
 Dibromochloromethane
 Concen: 19.244 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion: 129 Resp: 44749
 Ion Ratio Lower Upper
 129 100
 127 74.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.737 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

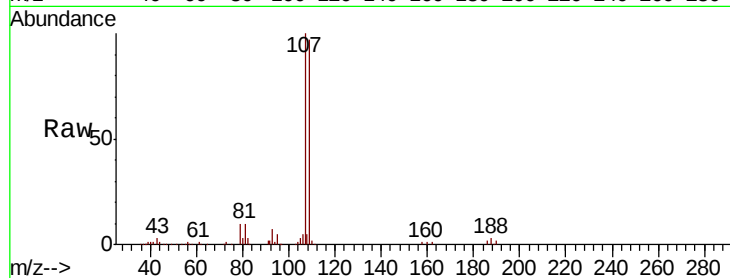
VX0718MBS01

Tgt Ion: 107 Resp: 46257

Ion Ratio Lower Upper

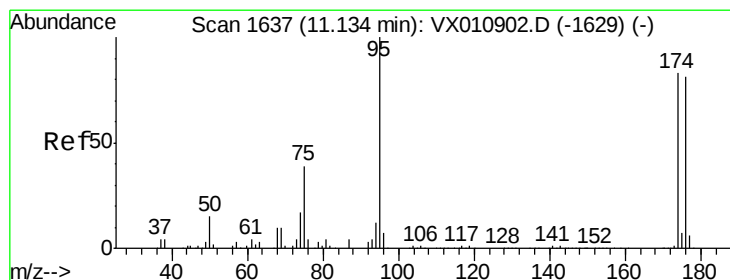
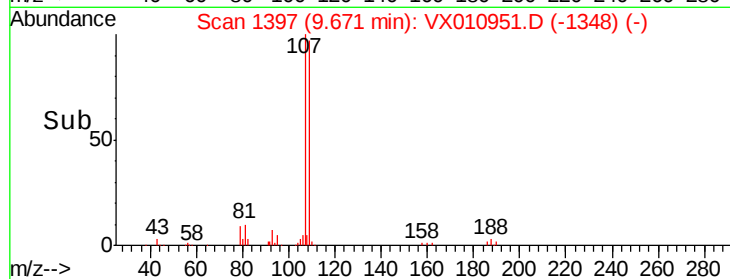
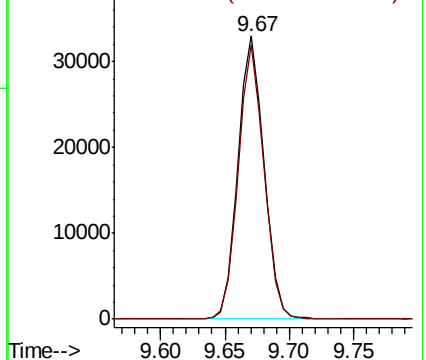
107 100

109 95.4 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: 50.450 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

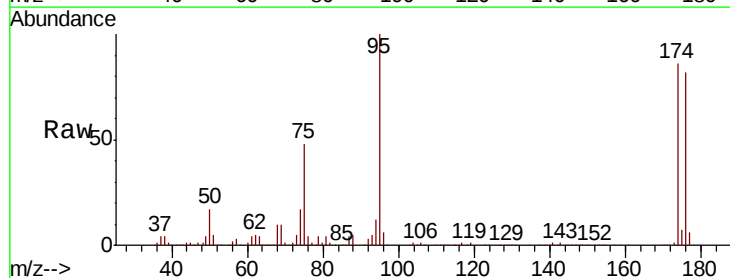
Tgt Ion: 95 Resp: 143249

Ion Ratio Lower Upper

95 100

174 91.0 0.0 187.6

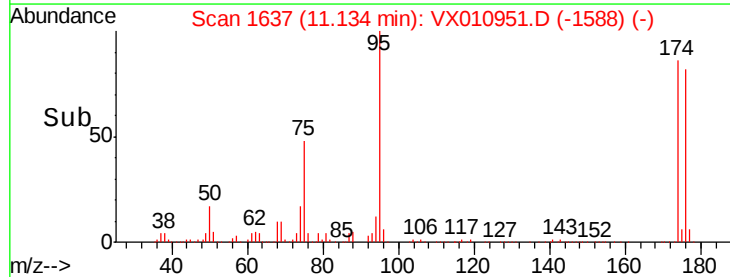
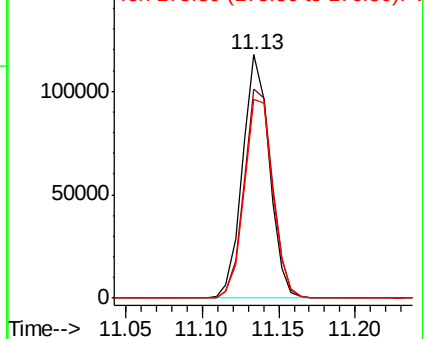
176 87.0 0.0 184.0

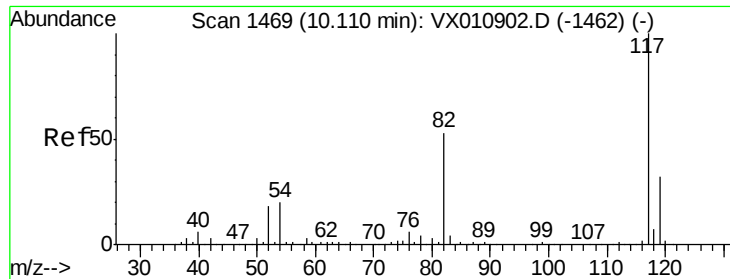


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

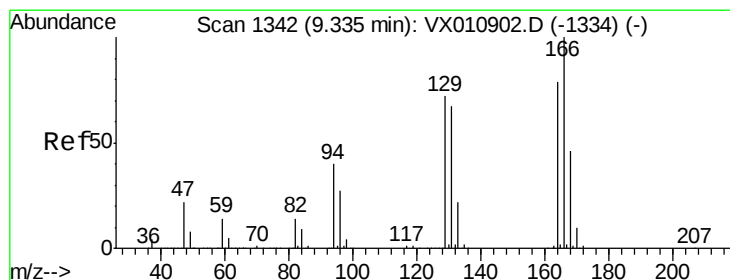
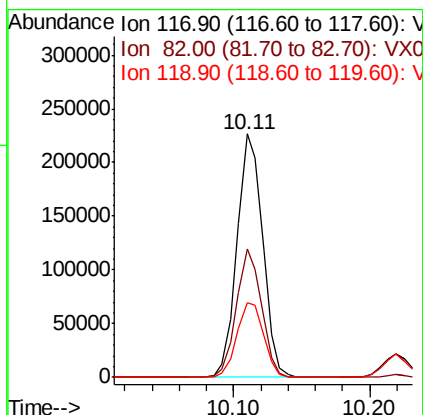
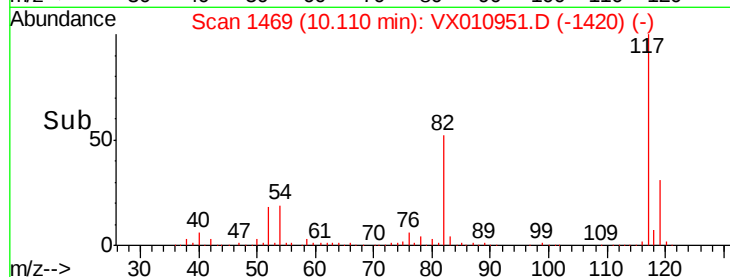
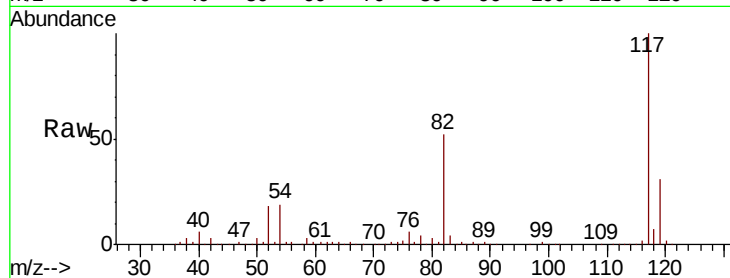




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

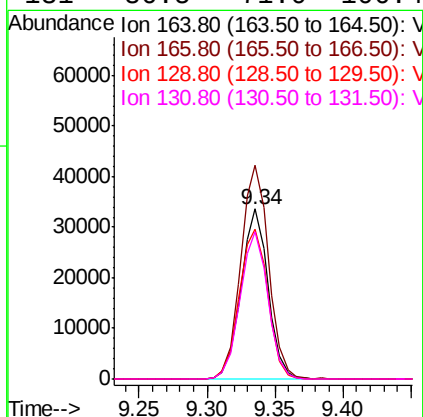
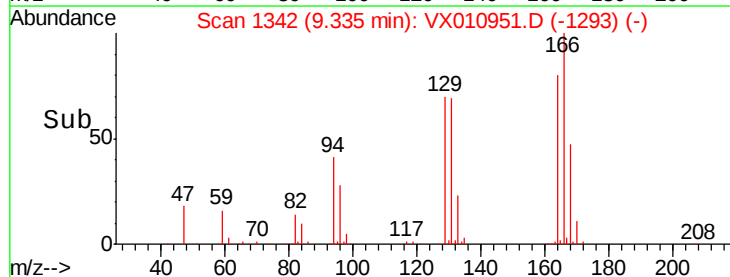
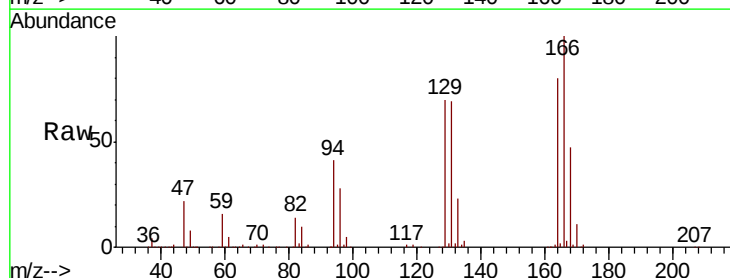
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

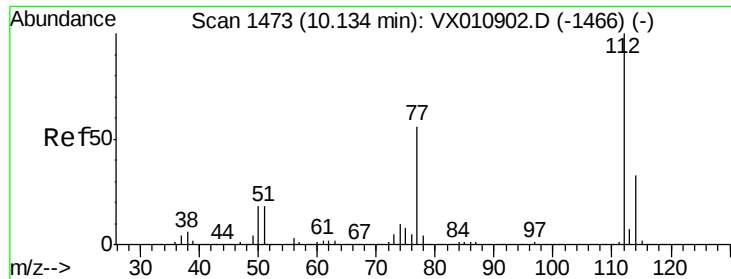
Tgt Ion:117 Resp: 297689
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 30.7 25.5 38.3



#64
Tetrachloroethene
Concen: 19.797 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion:164 Resp: 46361
Ion Ratio Lower Upper
164 100
166 125.6 103.6 155.4
129 88.5 73.0 109.4
131 86.5 71.0 106.4

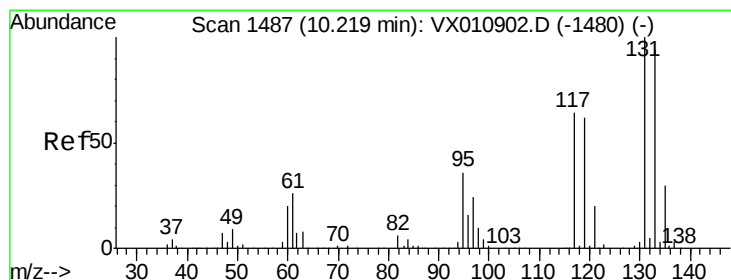
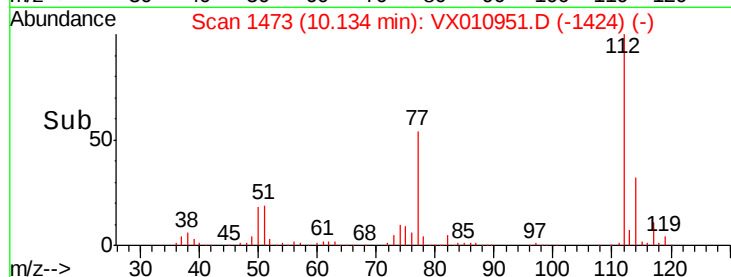
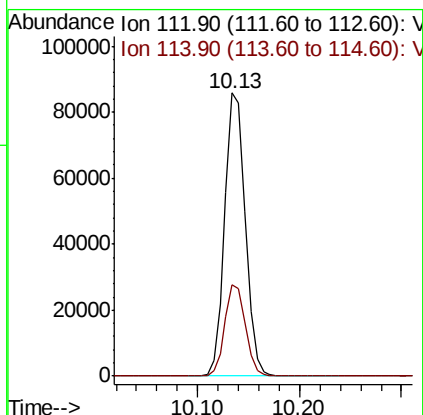
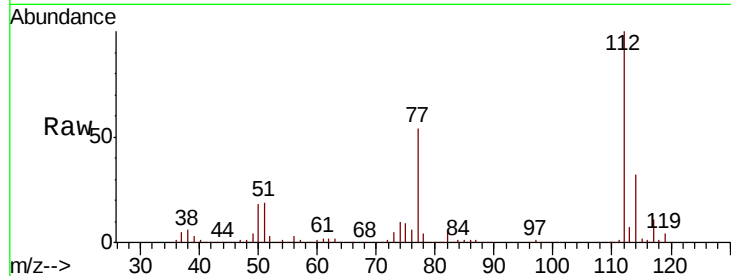




#65
Chlorobenzene
Concen: 19.706 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

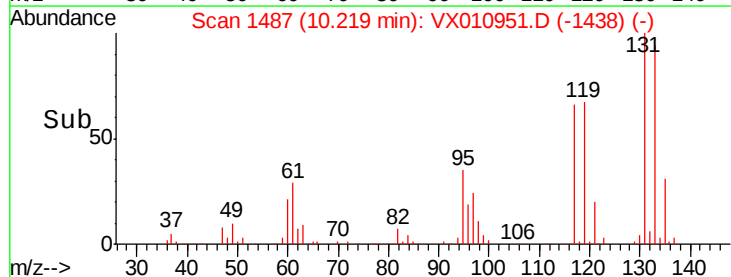
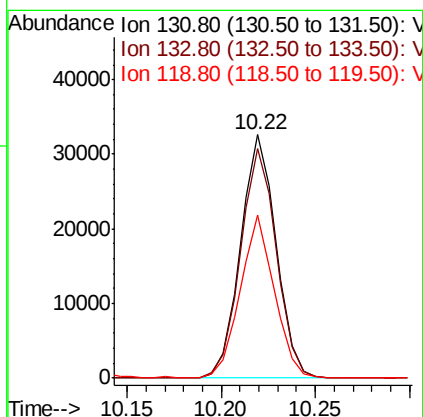
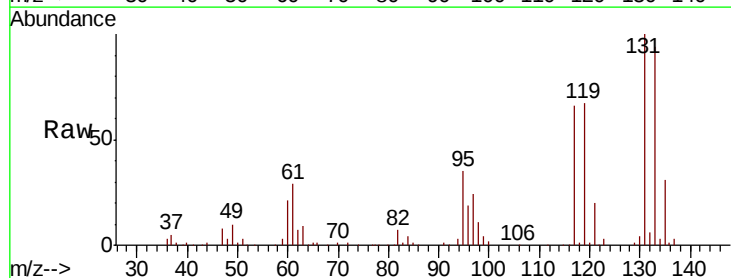
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

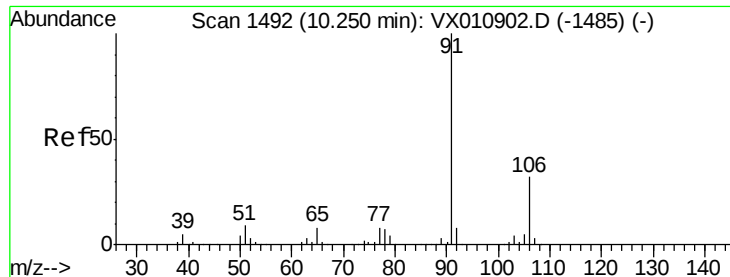
Tgt Ion:112 Resp: 120488
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.793 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion:131 Resp: 42534
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 19.855 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

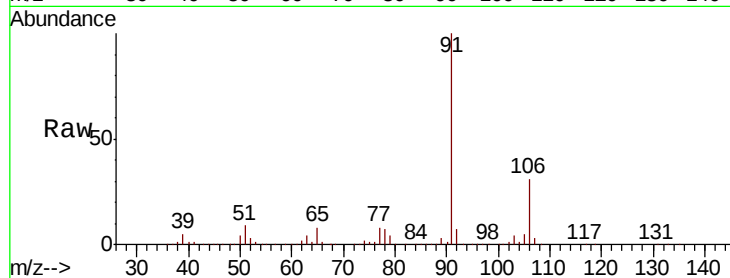
VX0718MBS01

Tgt Ion: 91 Resp: 206639

Ion Ratio Lower Upper

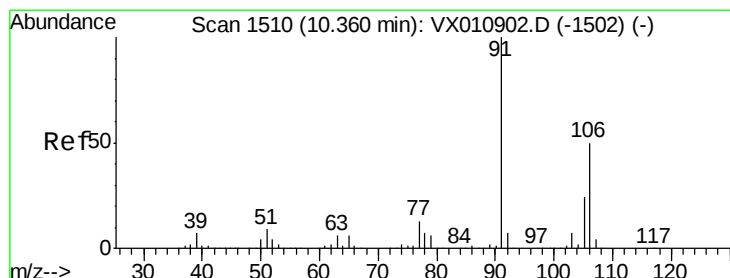
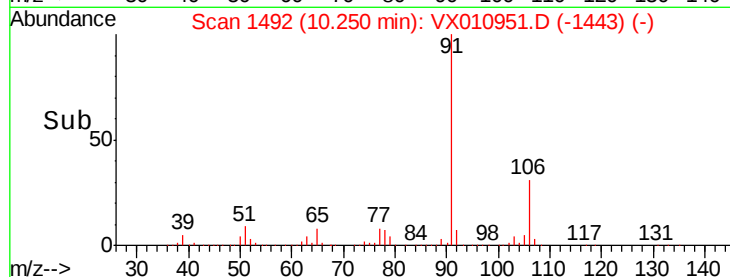
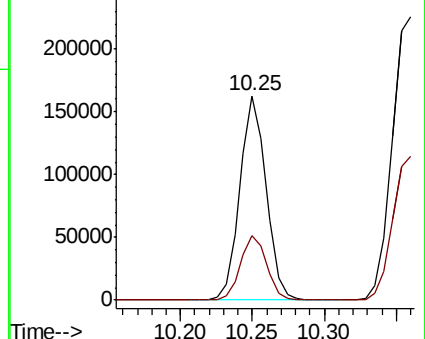
91 100

106 31.4 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.924 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010951.D

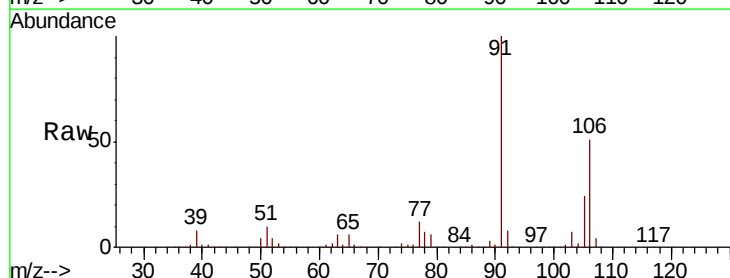
Acq: 18 Jul 2019 12:16

Tgt Ion: 106 Resp: 159381

Ion Ratio Lower Upper

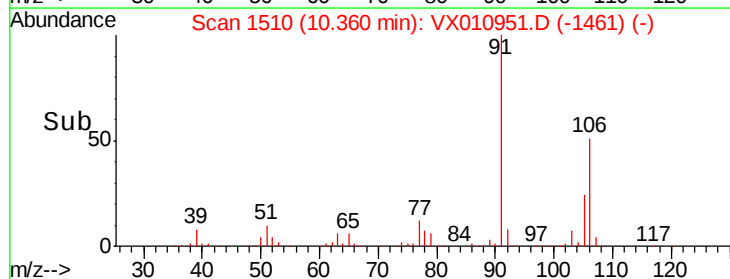
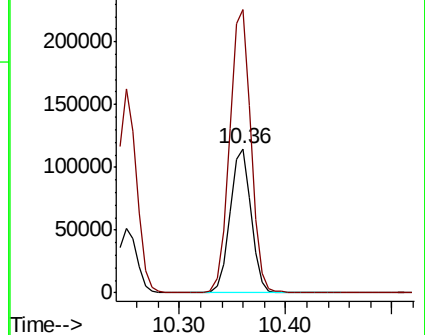
106 100

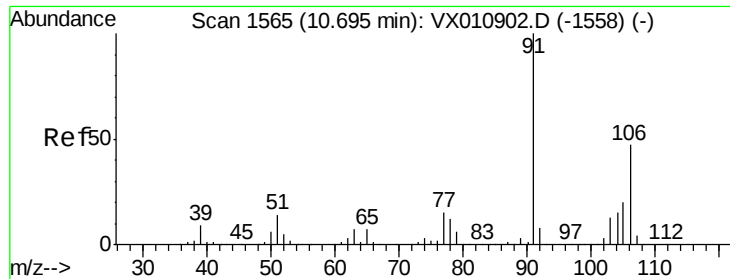
91 198.1 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

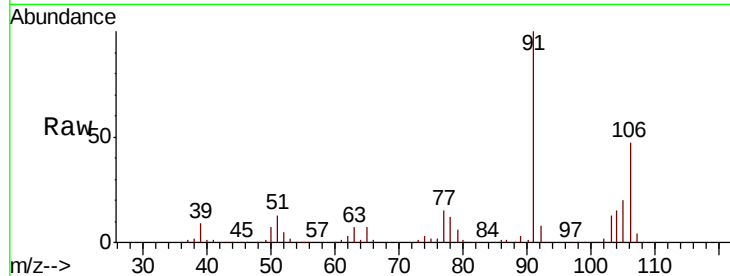




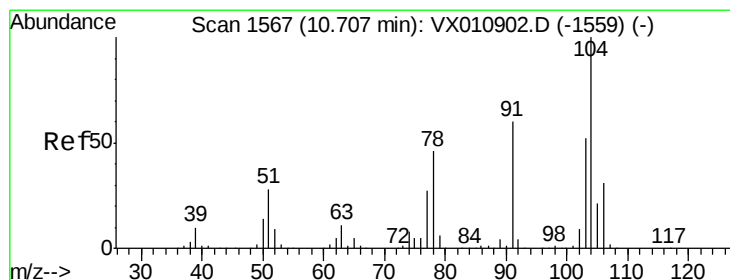
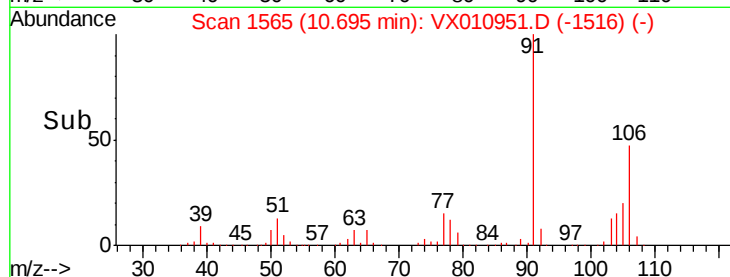
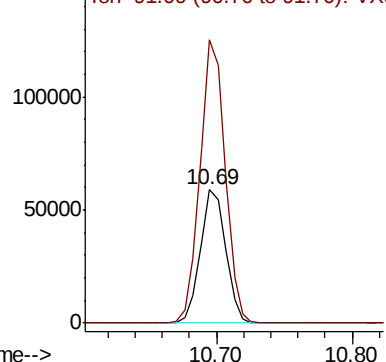
#69
o-Xylene
Concen: 19.710 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

Tgt Ion:106 Resp: 76791
Ion Ratio Lower Upper
106 100
91 209.8 102.7 308.1

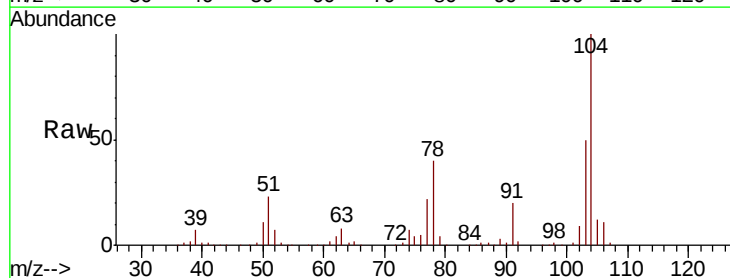


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

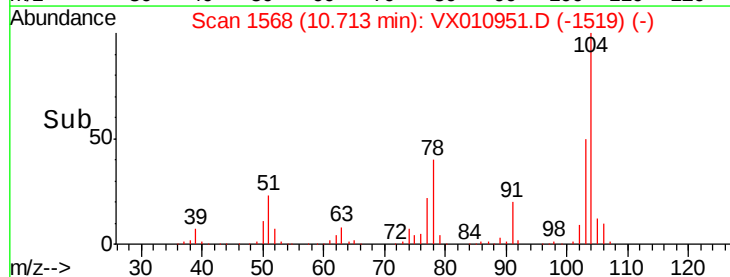
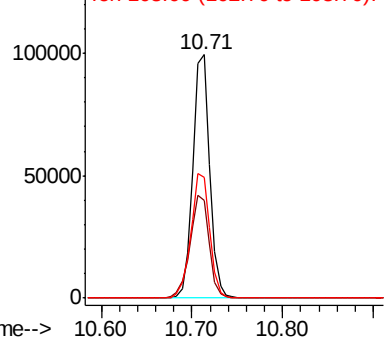


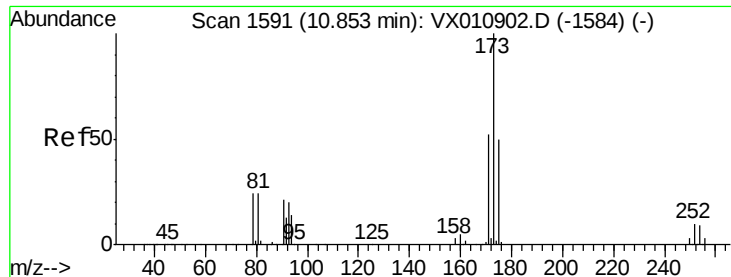
#70
Styrene
Concen: 19.924 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion:104 Resp: 129404
Ion Ratio Lower Upper
104 100
78 47.6 36.2 54.2
103 56.8 44.2 66.4



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





#71

Bromoform

Concen: 18.324 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

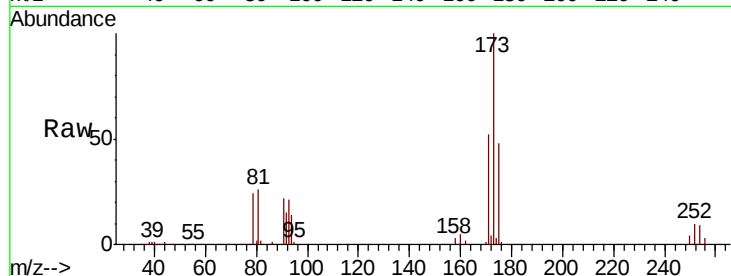
Tgt Ion:173 Resp: 32523

Ion Ratio Lower Upper

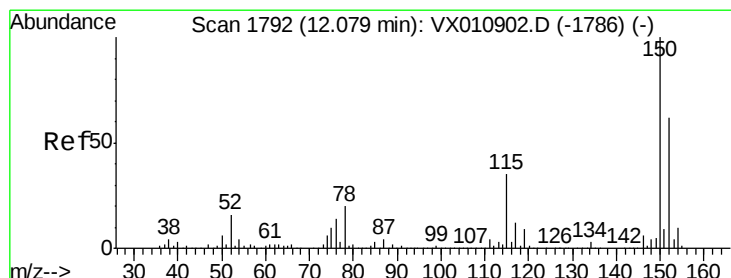
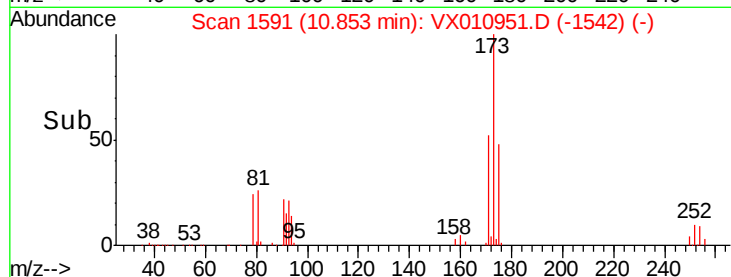
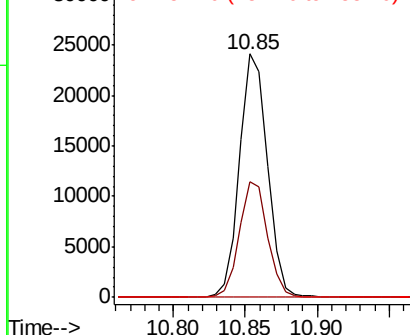
173 100

175 48.1 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

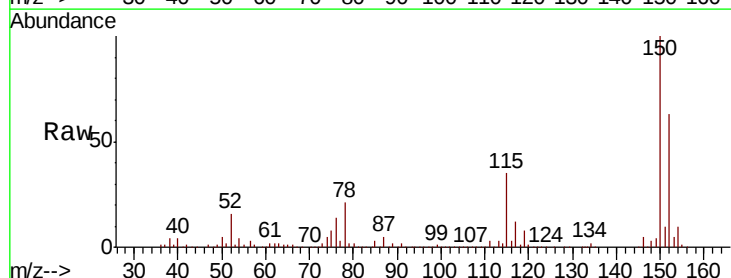
Tgt Ion:152 Resp: 151917

Ion Ratio Lower Upper

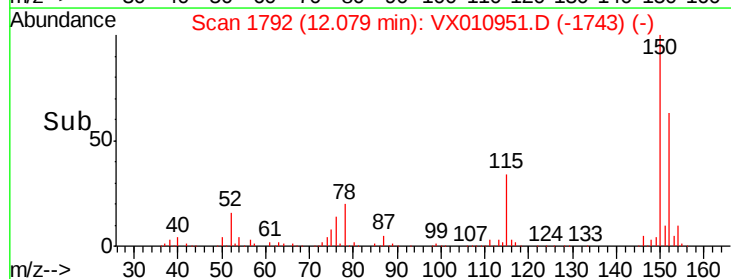
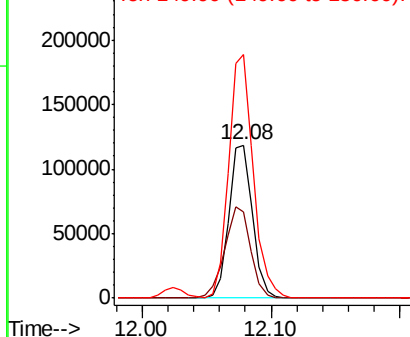
152 100

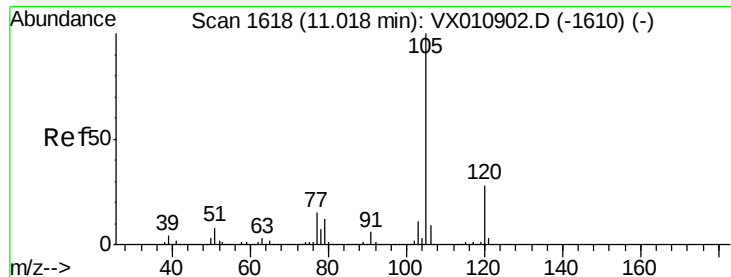
115 65.8 38.6 115.7

150 166.0 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: 20.250 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

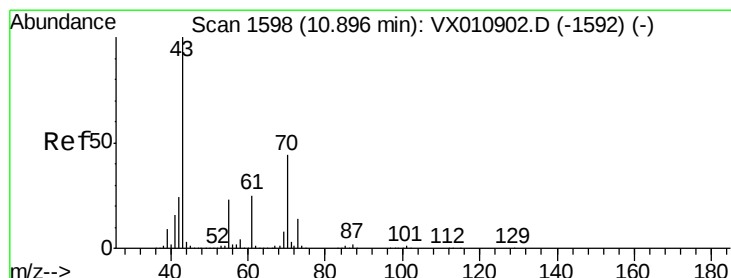
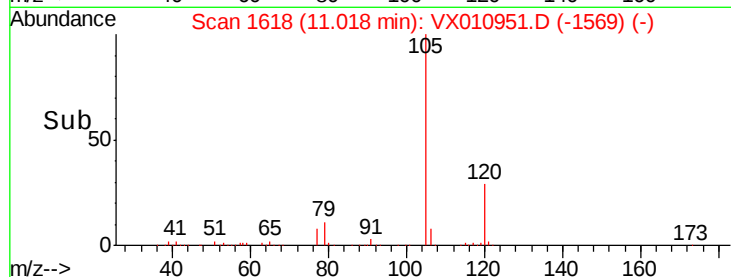
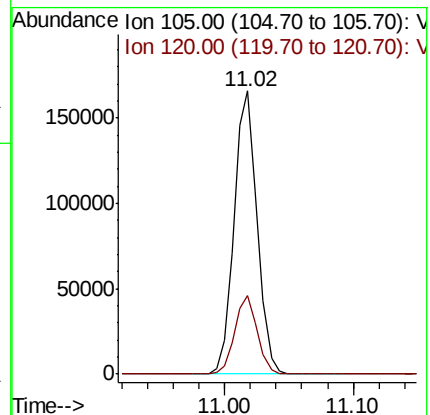
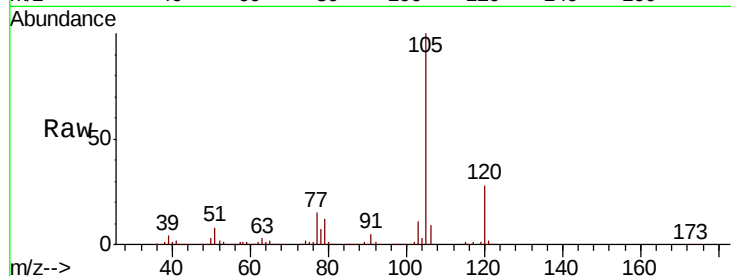
VX0718MBS01

Tgt Ion: 105 Resp: 207865

Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4



#74

N-ethyl acetate

Concen: 20.096 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Tgt Ion: 43 Resp: 78822

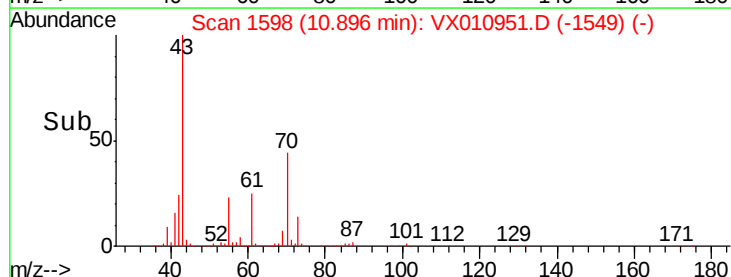
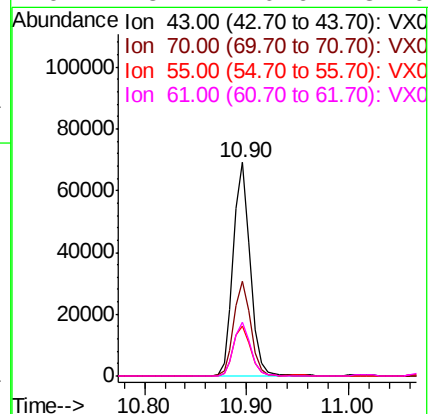
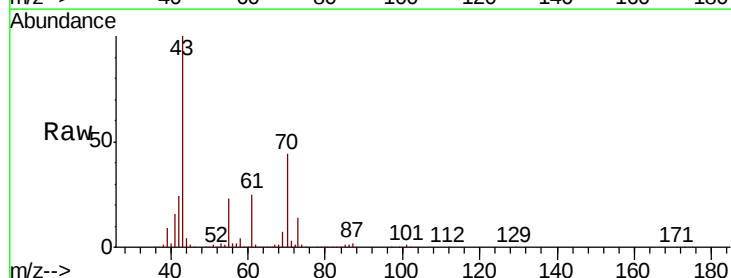
Ion Ratio Lower Upper

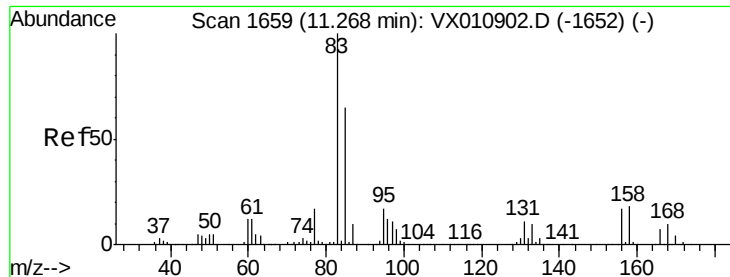
43 100

70 44.7 36.6 54.8

55 24.2 18.7 28.1

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.382 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

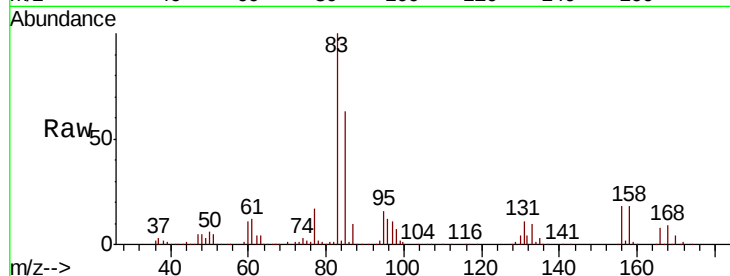
Tgt Ion: 83 Resp: 68468

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

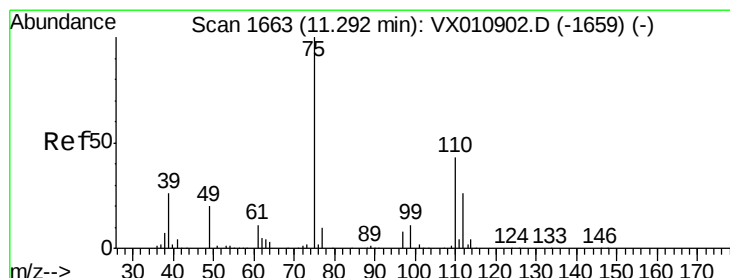
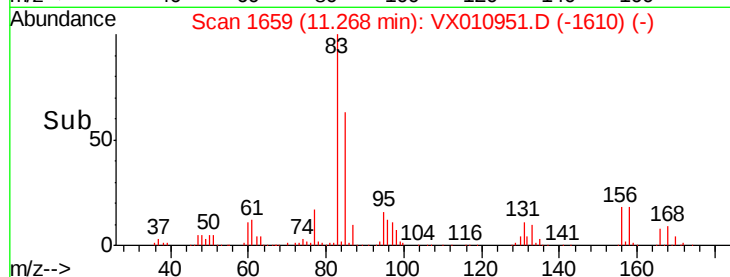
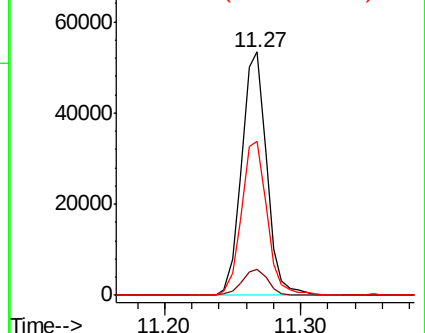
85 64.8 32.3 96.8



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: 25.095 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010951.D

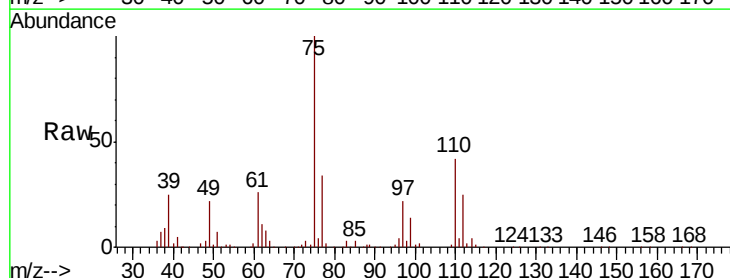
Acq: 18 Jul 2019 12:16

Tgt Ion: 75 Resp: 70689

Ion Ratio Lower Upper

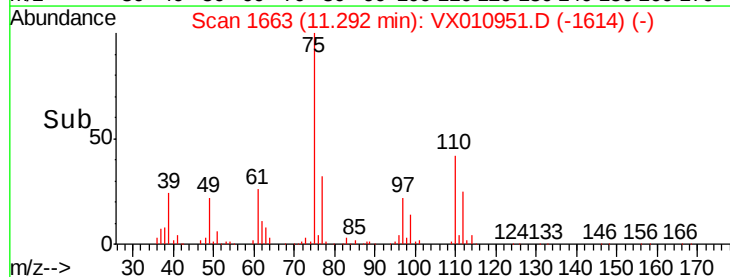
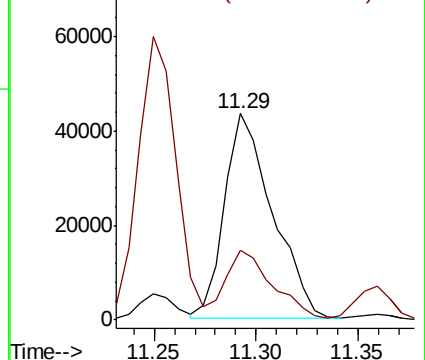
75 100

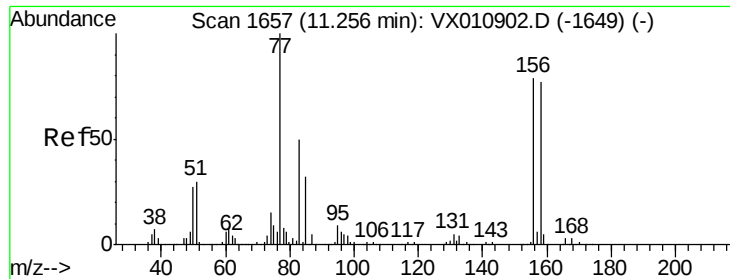
77 33.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

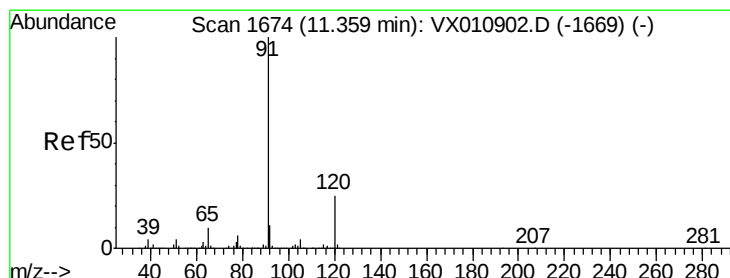
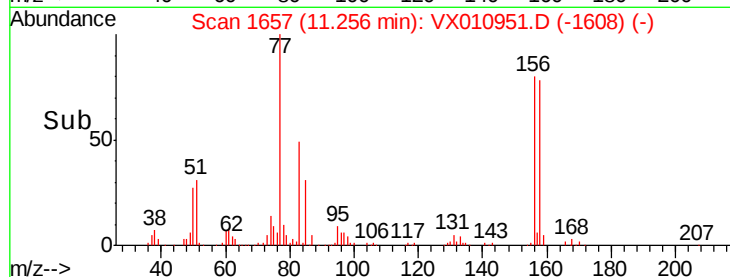
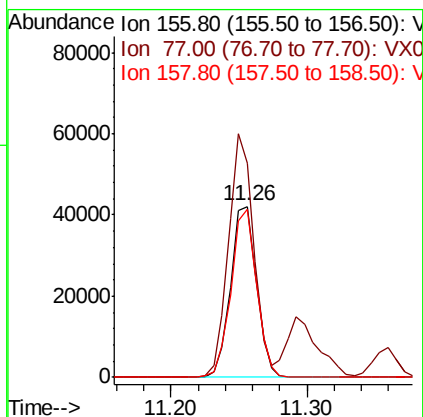
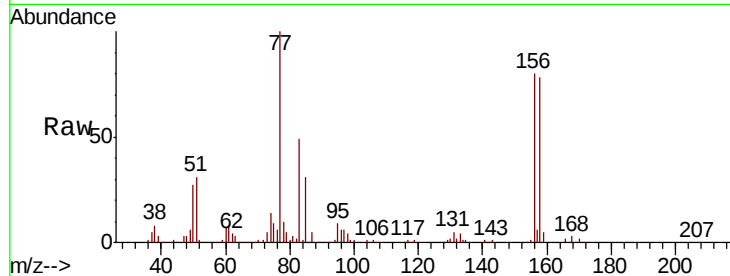




#77
Bromobenzene
Concen: 19.796 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

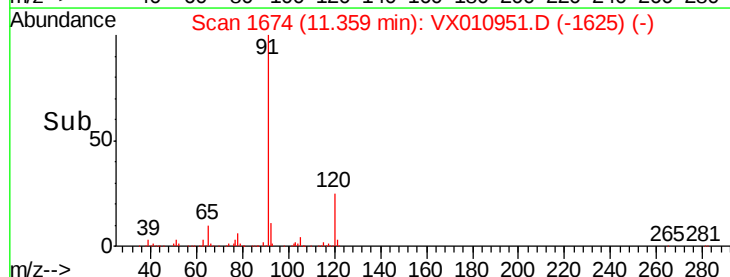
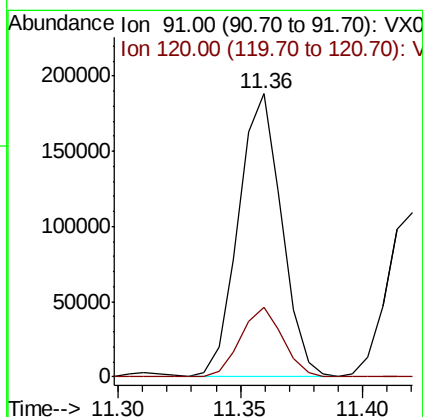
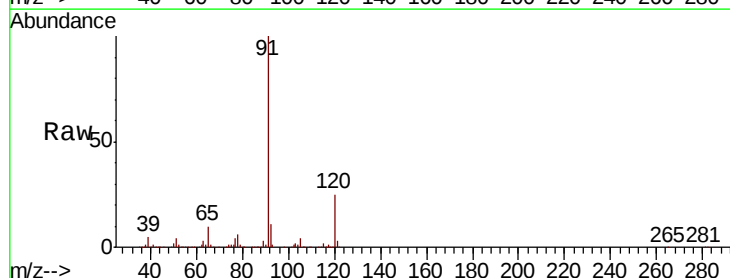
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

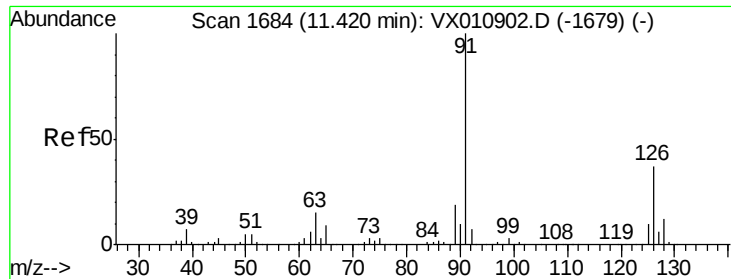
Tgt Ion:156 Resp: 56050
Ion Ratio Lower Upper
156 100
77 137.9 66.3 198.7
158 96.6 48.9 146.7



#78
n-propylbenzene
Concen: 20.216 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 91 Resp: 229287
Ion Ratio Lower Upper
91 100
120 24.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 20.075 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

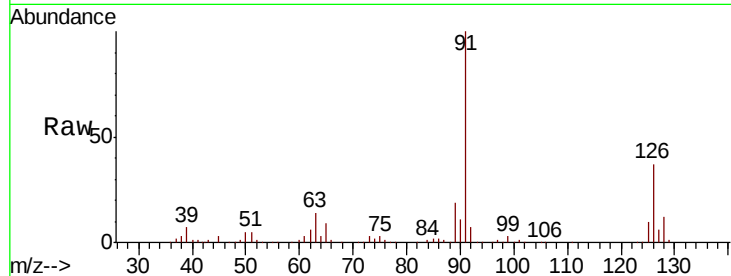
VX0718MBS01

Tgt Ion: 91 Resp: 136781

Ion Ratio Lower Upper

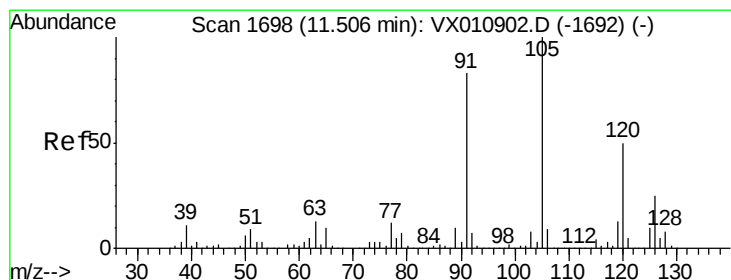
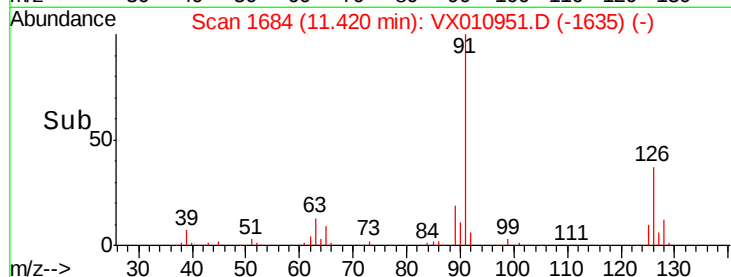
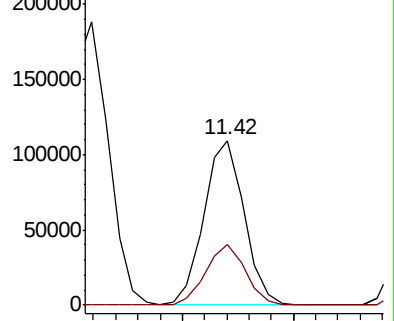
91 100

126 36.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.267 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010951.D

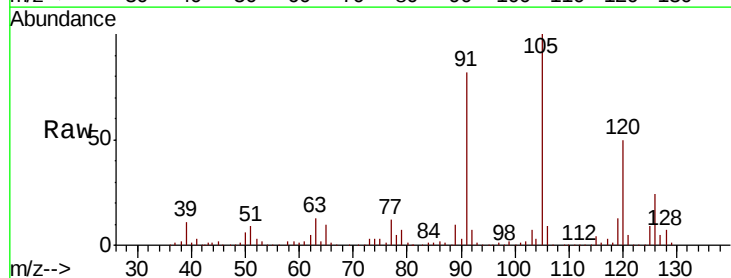
Acq: 18 Jul 2019 12:16

Tgt Ion: 105 Resp: 173842

Ion Ratio Lower Upper

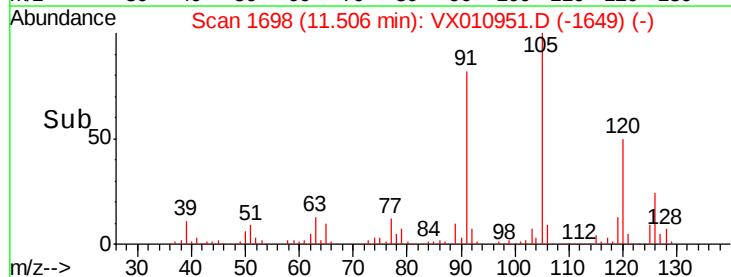
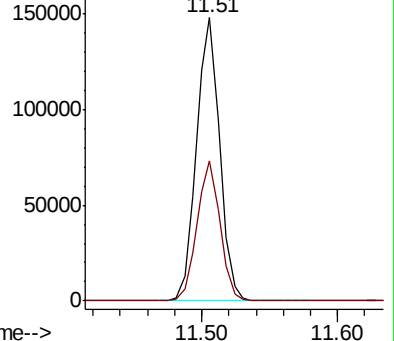
105 100

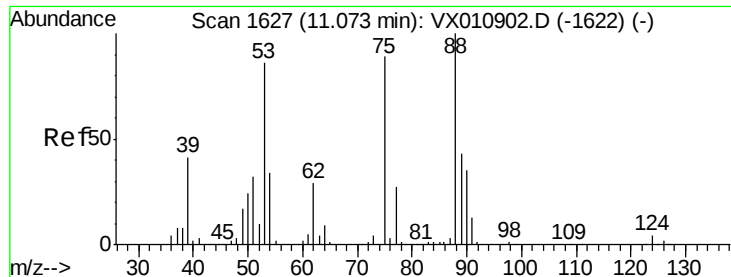
120 48.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.001 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBS01

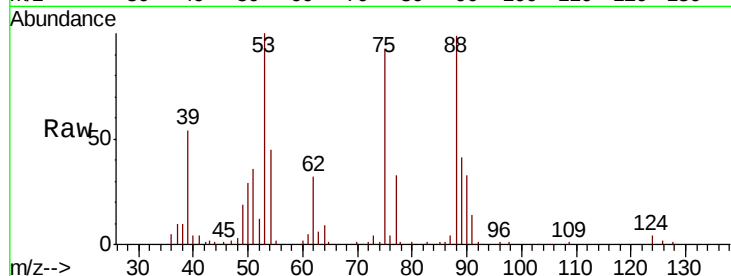
Tgt Ion: 75 Resp: 17659

Ion Ratio Lower Upper

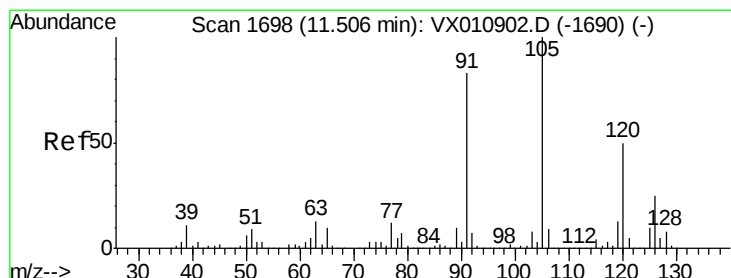
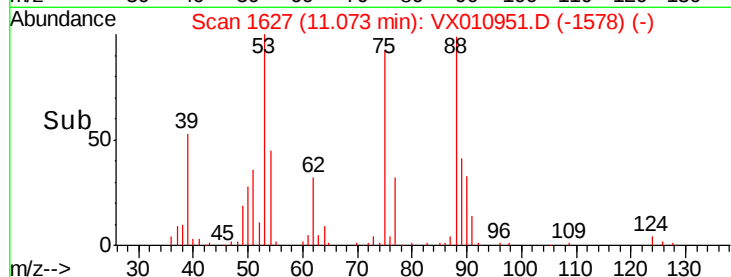
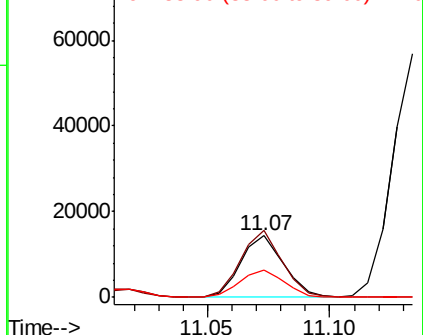
75 100

53 103.9 66.1 99.1#

89 46.2 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: 19.931 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010951.D

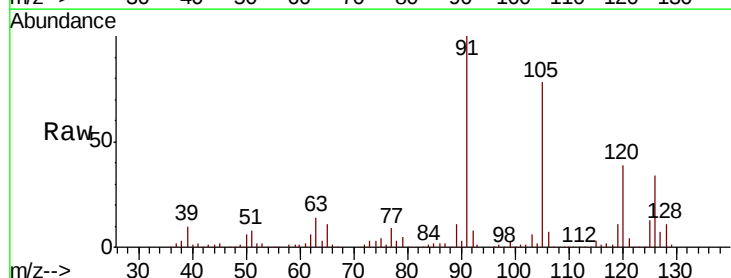
Acq: 18 Jul 2019 12:16

Tgt Ion: 91 Resp: 158056

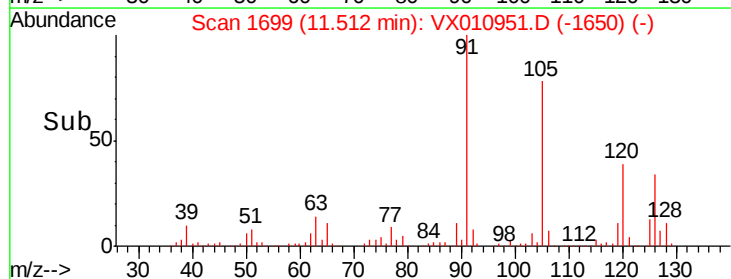
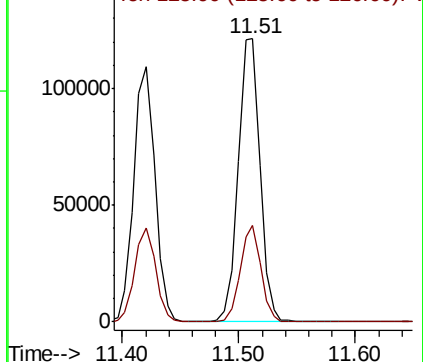
Ion Ratio Lower Upper

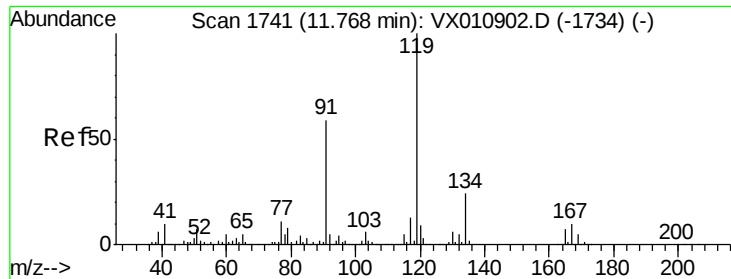
91 100

126 32.2 16.2 48.6



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

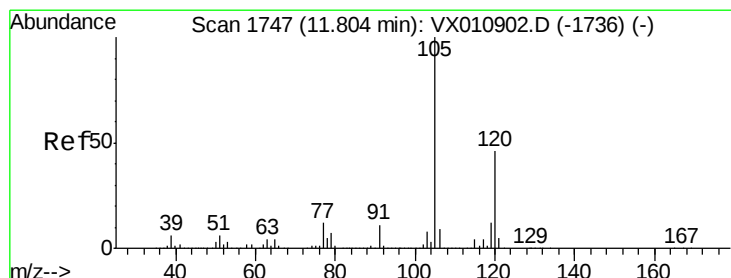
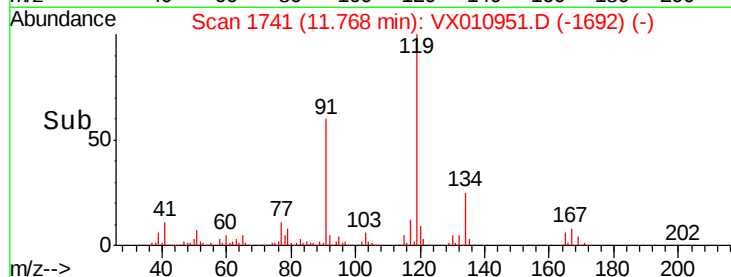
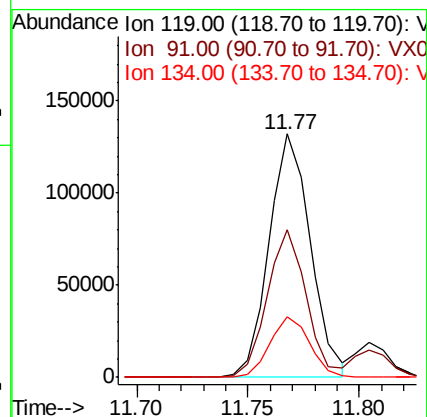
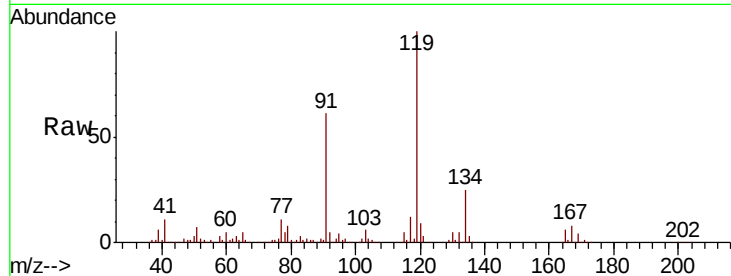




#83
tert-Butylbenzene
Concen: 20.238 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

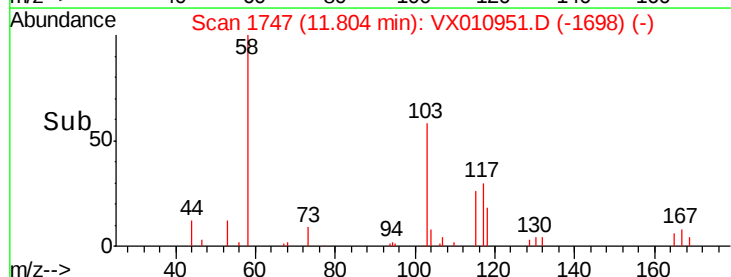
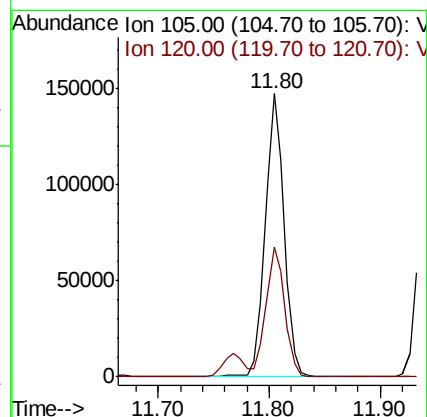
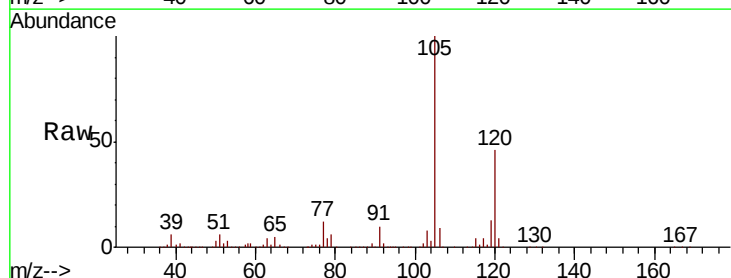
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

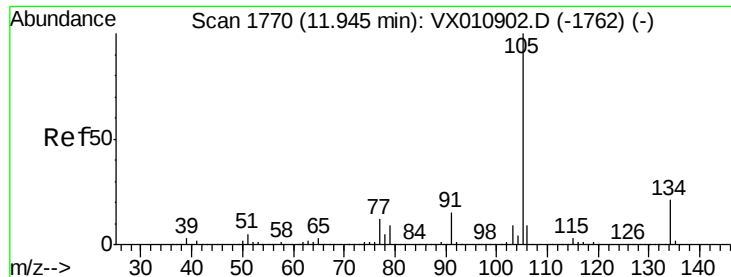
Tgt Ion:119 Resp: 170512
Ion Ratio Lower Upper
119 100
91 57.4 27.6 82.7
134 24.0 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 20.258 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion:105 Resp: 175131
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.672 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

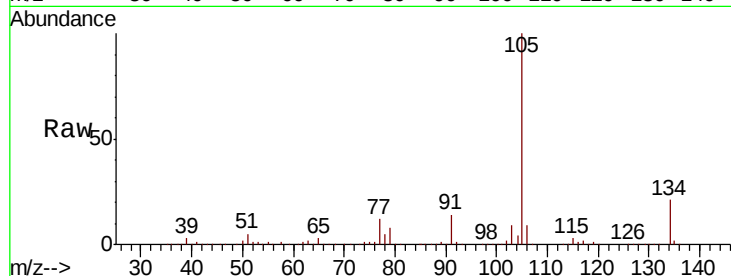
VX0718MBS01

Tgt Ion:105 Resp: 204075

Ion Ratio Lower Upper

105 100

134 20.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

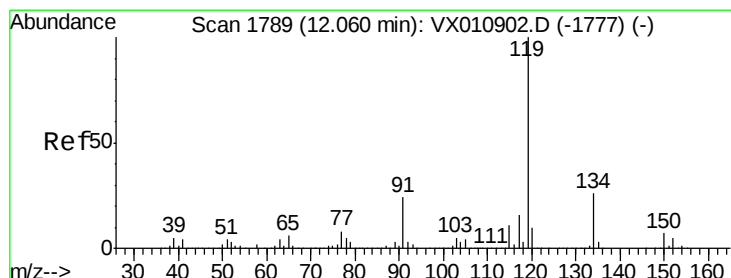
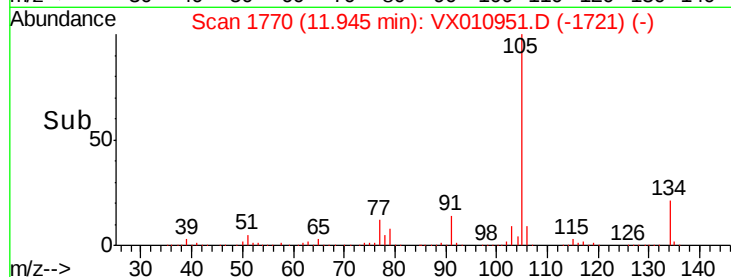
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.308 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010951.D

Acq: 18 Jul 2019 12:16

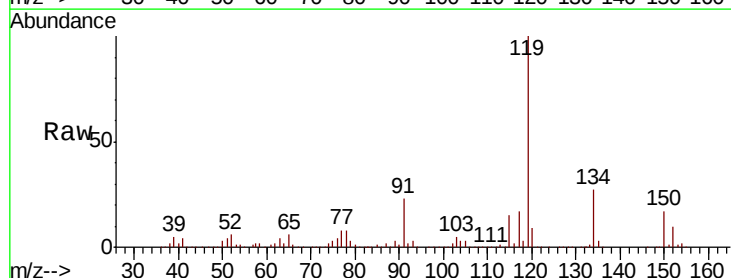
Tgt Ion:119 Resp: 185348

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 23.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

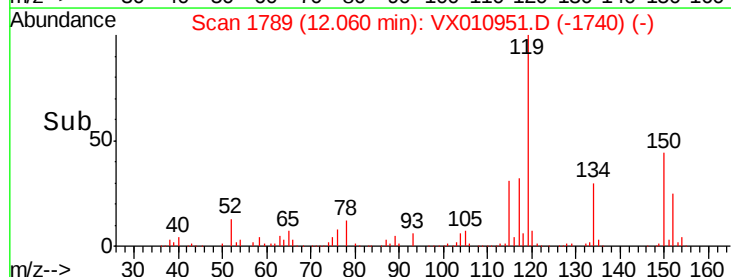
150000

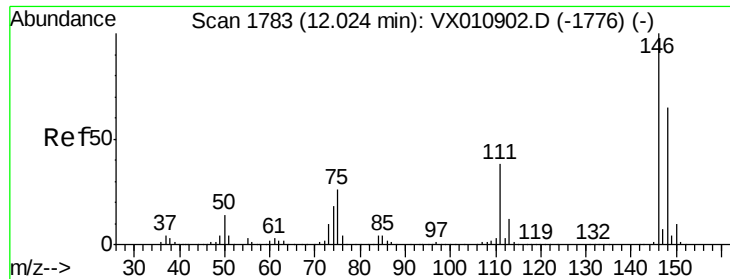
100000

50000

0

Time-->

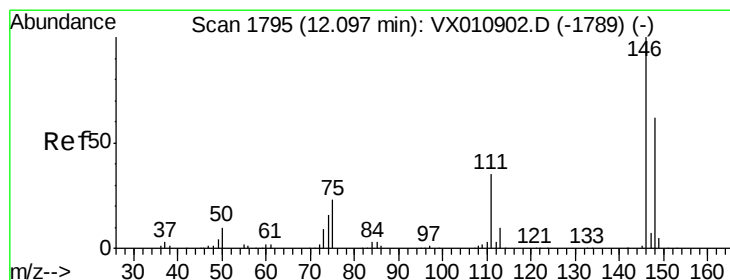
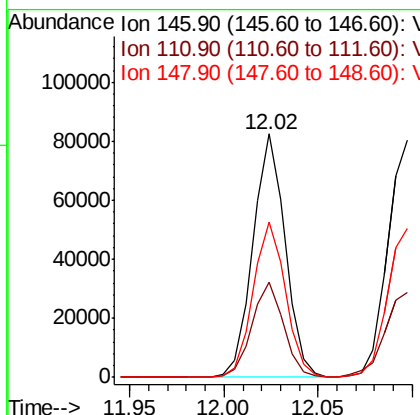
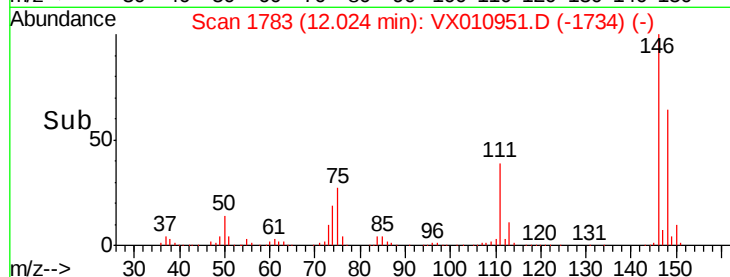
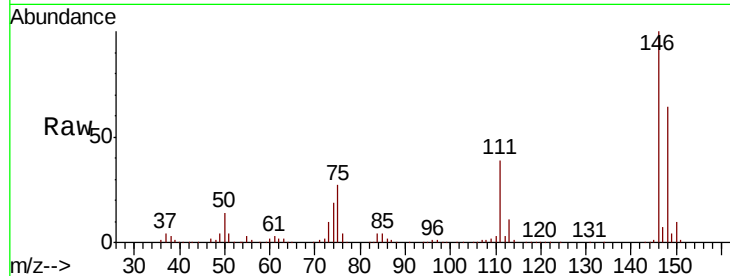




#87
 1,3-Dichlorobenzene
 Concen: 19.920 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

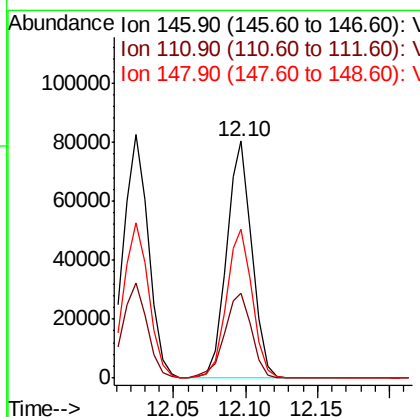
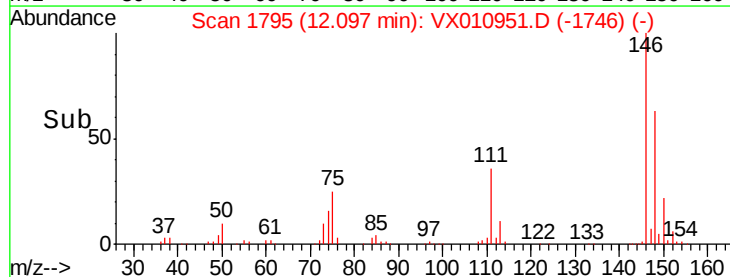
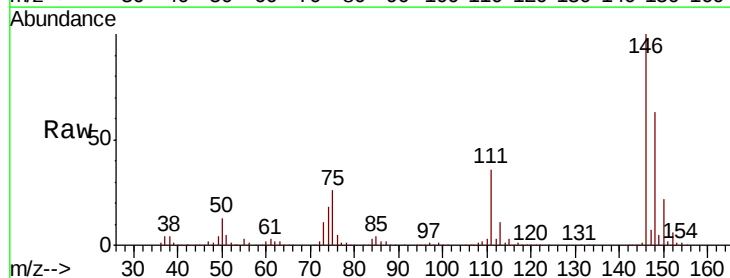
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

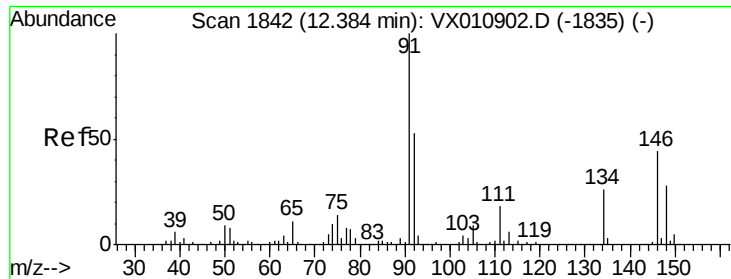
Tgt Ion:146 Resp: 97881
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.1
 148 64.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion:146 Resp: 99218
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.1 54.3
 148 64.1 32.1 96.3

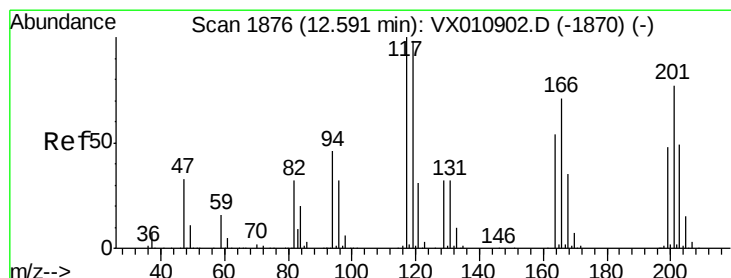
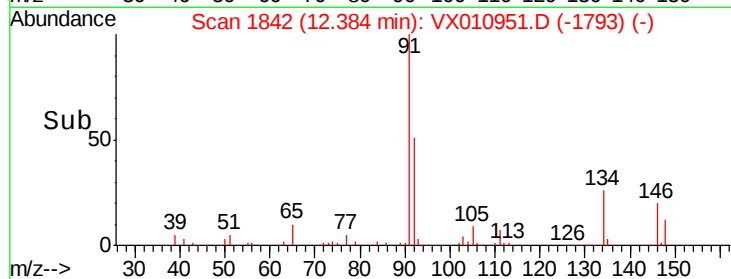
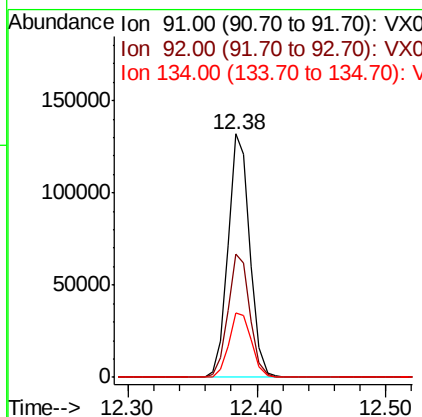
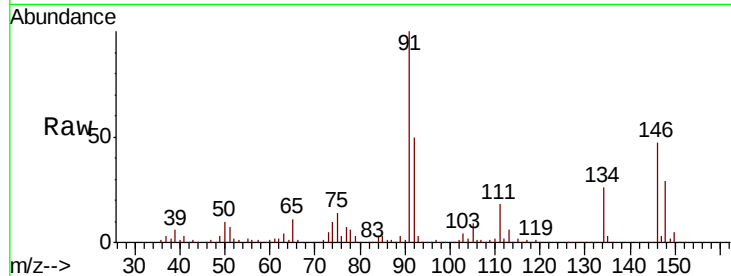




#89
n-Butylbenzene
Concen: 20.094 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

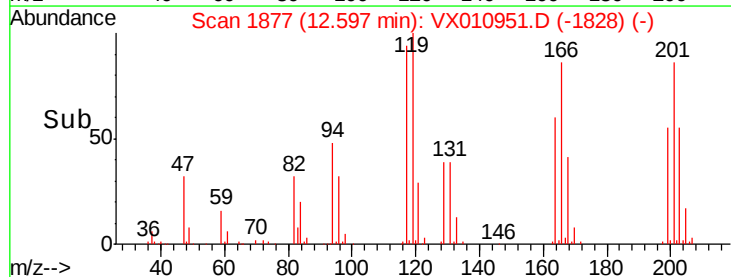
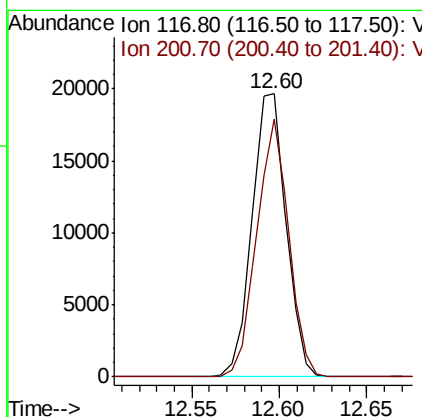
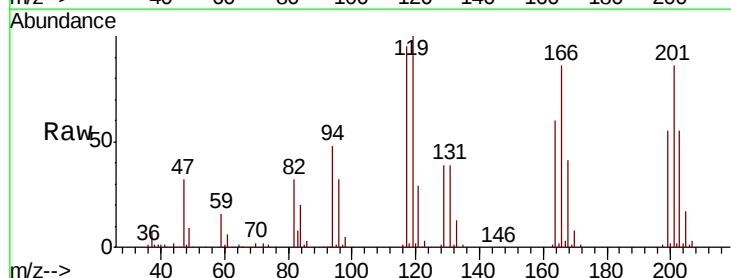
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

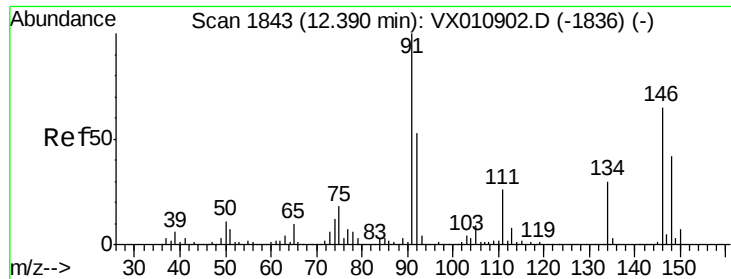
Tgt Ion: 91 Resp: 156896
Ion Ratio Lower Upper
91 100
92 50.8 26.2 78.5
134 27.5 14.1 42.4



#90
Hexachloroethane
Concen: 18.494 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion: 117 Resp: 26623
Ion Ratio Lower Upper
117 100
201 85.1 44.0 131.8

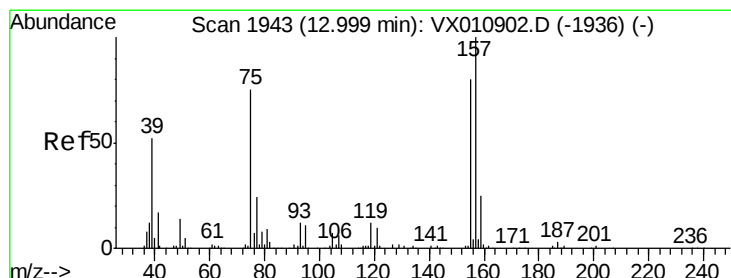
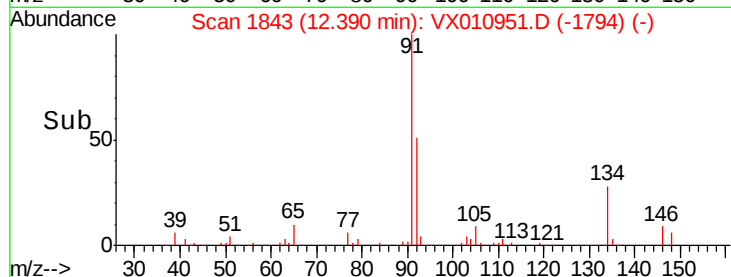
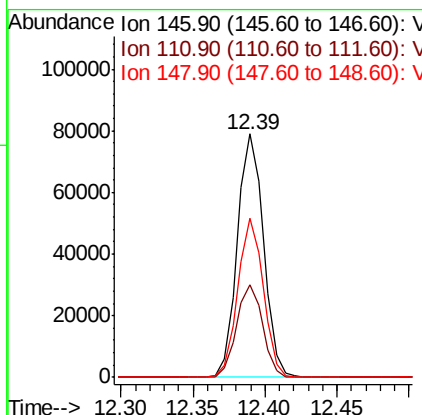
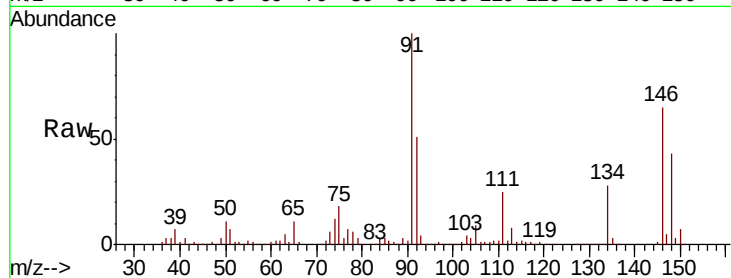




#91
 1,2-Dichlorobenzene
 Concen: 20.558 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

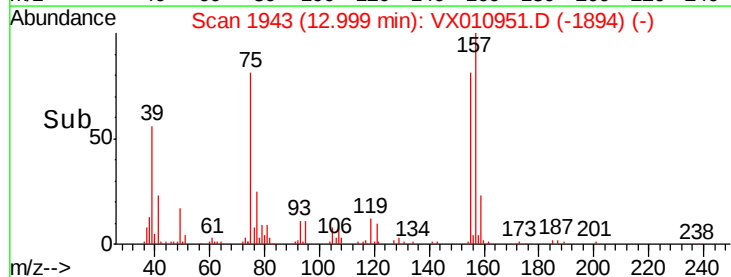
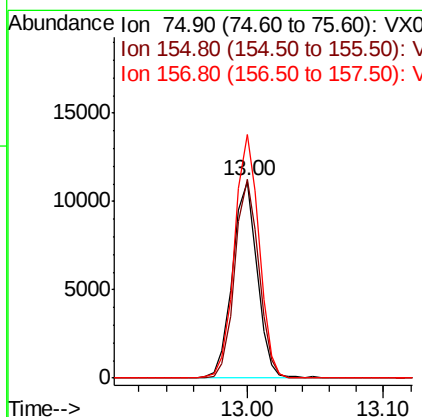
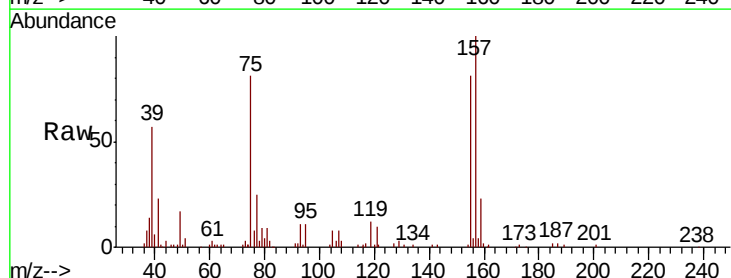
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

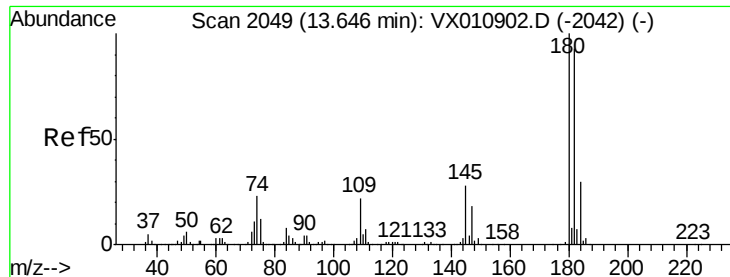
Tgt Ion: 146 Resp: 100117
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.2 57.6
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.180 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion: 75 Resp: 14170
 Ion Ratio Lower Upper
 75 100
 155 97.6 54.4 163.1
 157 121.7 69.5 208.3

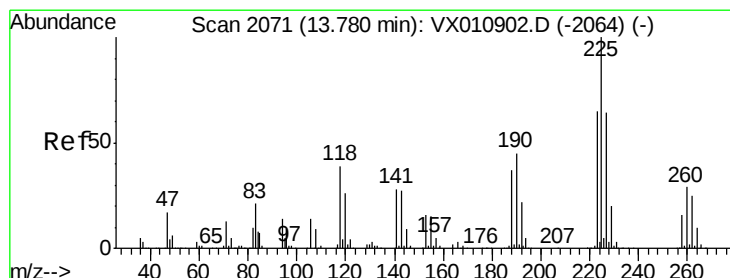
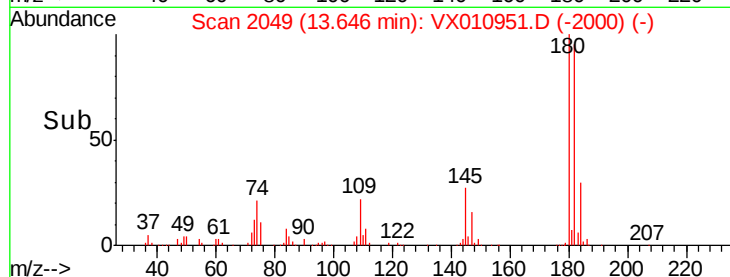
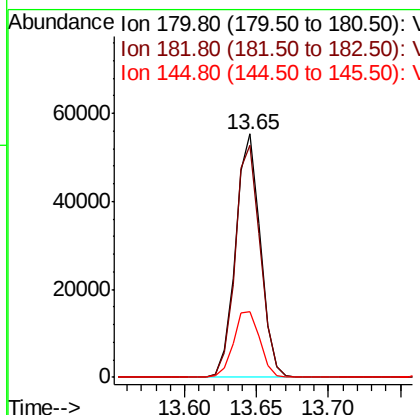
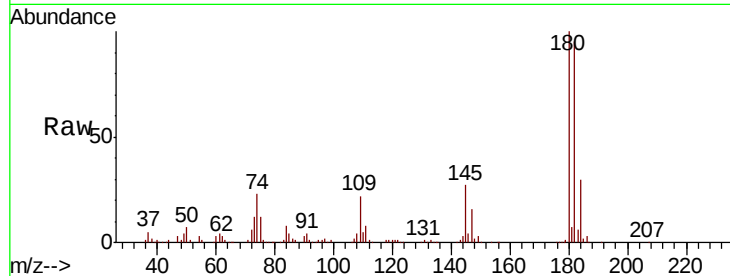




#93
 1,2,4-Trichlorobenzene
 Concen: 20.184 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

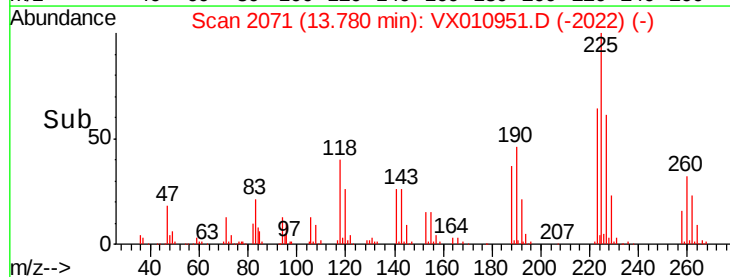
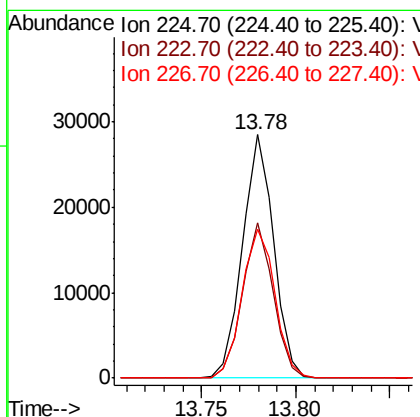
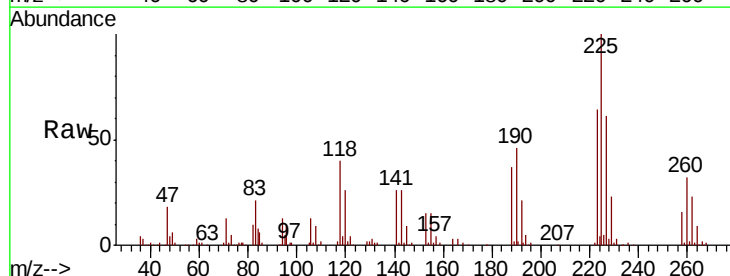
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

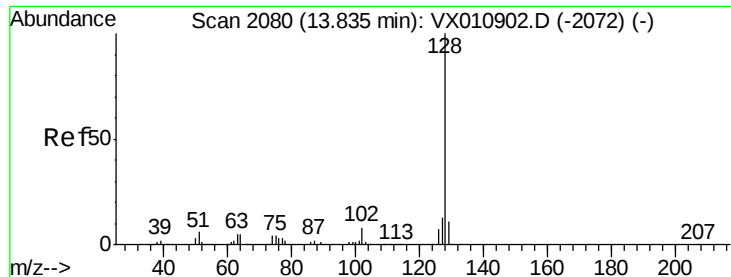
Tgt Ion:180 Resp: 66615
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.0 144.0
 145 28.9 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 19.972 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010951.D
 Acq: 18 Jul 2019 12:16

Tgt Ion:225 Resp: 32664
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.7
 227 64.8 31.9 95.5

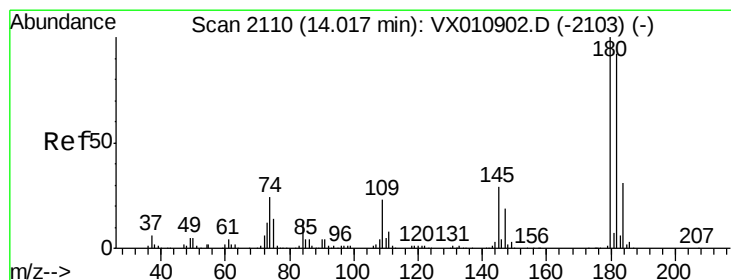
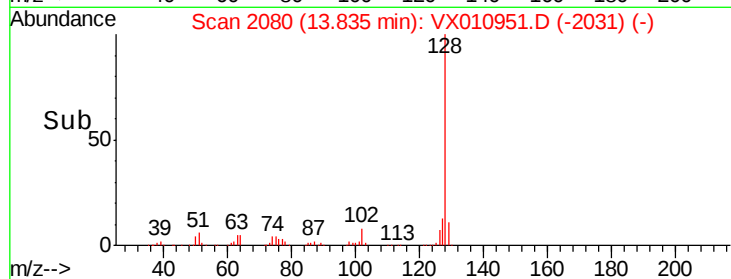
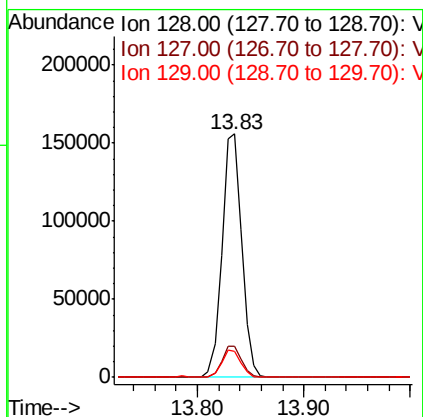
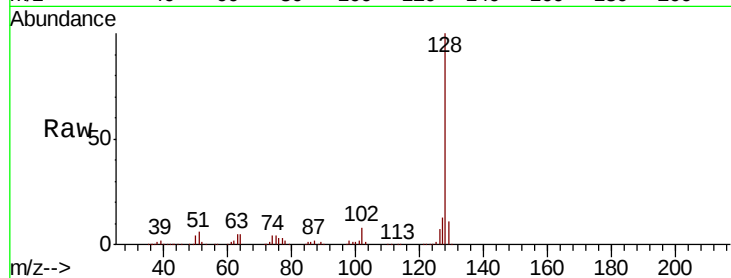




#95
Naphthalene
Concen: 20.718 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0718MBS01

Tgt Ion:128 Resp: 201912
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.718 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010951.D
Acq: 18 Jul 2019 12:16

Tgt Ion:180 Resp: 68033
Ion Ratio Lower Upper
180 100
182 93.1 47.8 143.3
145 30.6 15.2 45.6

