

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
 Data File : VX008849.D
 Acq On : 11 Apr 2019 14:11
 Operator : JC/SP
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Quant Time: Apr 12 07:33:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	161684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112184	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110191	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	81630	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	329954	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	121237	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42115	22.629	ug/l	100
3) Chloromethane	1.32	50	52866	22.240	ug/l	99
4) Vinyl Chloride	1.40	62	46392	18.440	ug/l	98
5) Bromomethane	1.64	94	26895	22.768	ug/l	99
6) Chloroethane	1.71	64	27465	18.055	ug/l	99
7) Trichlorofluoromethane	1.92	101	51402	18.483	ug/l	99
8) Diethyl Ether	2.18	74	23702	17.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32795	18.315	ug/l	98
10) Methyl Iodide	2.51	142	31951	22.027	ug/l	100
11) Tert butyl alcohol	3.05	59	52451	95.003	ug/l	98
12) 1,1-Dichloroethene	2.37	96	33631	17.992	ug/l	95
13) Acrolein	2.29	56	29187	106.616	ug/l	98
14) Allyl chloride	2.73	41	78924	18.444	ug/l	99
15) Acrylonitrile	3.14	53	132887	90.857	ug/l	100
16) Acetone	2.45	43	114839	84.547	ug/l	99
17) Carbon Disulfide	2.57	76	99994	18.052	ug/l	99
18) Methyl Acetate	2.78	43	57624	17.492	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	125492	18.799	ug/l	100
20) Methylene Chloride	2.85	84	40813	17.951	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	35697	17.656	ug/l	94
22) Diisopropyl ether	3.85	45	153359	18.595	ug/l	90
23) Vinyl Acetate	3.81	43	682877	95.177	ug/l	99
24) 1,1-Dichloroethane	3.70	63	74994	18.365	ug/l	99
25) 2-Butanone	4.67	43	197100	91.811	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52416	18.225	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41691	17.935	ug/l	99
28) Bromochloromethane	5.01	49	36882	19.794	ug/l	98
29) Tetrahydrofuran	5.13	42	132296	92.847	ug/l	98
30) Chloroform	5.21	83	66051	18.110	ug/l	100
31) Cyclohexane	5.57	56	74488	18.281	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	55540	18.844	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52354	18.168	ug/l	98
37) Ethyl Acetate	4.83	43	73285	19.053	ug/l	99
38) Carbon Tetrachloride	5.78	117	44471	18.646	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Apr 12 07:33:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66575	18.702	ug/l	99
40) Benzene	6.14	78	161986	18.869	ug/l	99
41) Methacrylonitrile	5.04	41	40985	18.538	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57187	18.582	ug/l	99
43) Isopropyl Acetate	6.45	43	115332	19.141	ug/l	100
44) Trichloroethene	7.21	130	37704	18.857	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45500	18.569	ug/l	98
46) Dibromomethane	7.66	93	25821	18.169	ug/l	99
47) Bromodichloromethane	7.90	83	49538	18.488	ug/l	99
48) Methyl methacrylate	7.77	41	58821	19.299	ug/l	98
49) 1,4-Dioxane	7.74	88	22536	394.703	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	386213	99.572	ug/l	100
52) Toluene	8.78	92	97980	19.359	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56714	18.895	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63558	18.532	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38766	19.082	ug/l	97
56) Ethyl methacrylate	9.18	69	71689	19.503	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68546	18.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	187471	99.883	ug/l	99
59) 2-Hexanone	9.49	43	299148	99.242	ug/l	100
60) Dibromochloromethane	9.58	129	35894	18.750	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39004	18.442	ug/l	97
64) Tetrachloroethene	9.34	164	34366	19.691	ug/l	99
65) Chlorobenzene	10.13	112	98233	18.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34419	18.789	ug/l	99
67) Ethyl Benzene	10.25	91	185398	19.041	ug/l	100
68) m/p-Xylenes	10.36	106	134099	38.305	ug/l	99
69) o-Xylene	10.69	106	66270	19.533	ug/l	97
70) Styrene	10.71	104	113821	19.463	ug/l	99
71) Bromoform	10.85	173	26327	18.818	ug/l #	98
73) Isopropylbenzene	11.02	105	174954	18.818	ug/l	99
74) N-amyl acetate	10.90	43	101722	18.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63075	17.839	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	73524	23.857	ug/l	81
77) Bromobenzene	11.26	156	41842	18.721	ug/l	98
78) n-propylbenzene	11.36	91	202214	18.680	ug/l	100
79) 2-Chlorotoluene	11.42	91	121600	18.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147274	18.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19861	17.765	ug/l	93
82) 4-Chlorotoluene	11.51	91	138527	18.268	ug/l	100
83) tert-Butylbenzene	11.77	119	136383	18.165	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148983	18.854	ug/l	100
85) sec-Butylbenzene	11.94	105	167158	18.743	ug/l	99
86) p-Isopropyltoluene	12.06	119	152891	19.101	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74620	18.650	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74174	18.307	ug/l	99
89) n-Butylbenzene	12.38	91	139512	18.585	ug/l	100
90) Hexachloroethane	12.60	117	23486	17.690	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74482	18.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13486	17.338	ug/l	99

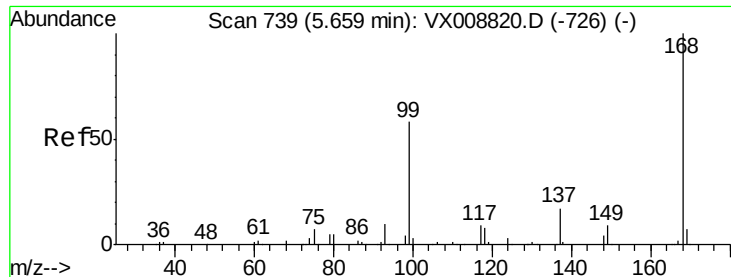
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51297	18.571	ug/l	99
94) Hexachlorobutadiene	13.78	225	25971	19.605	ug/l	98
95) Naphthalene	13.83	128	169574	18.369	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50884	18.438	ug/l	99

(#) = 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. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

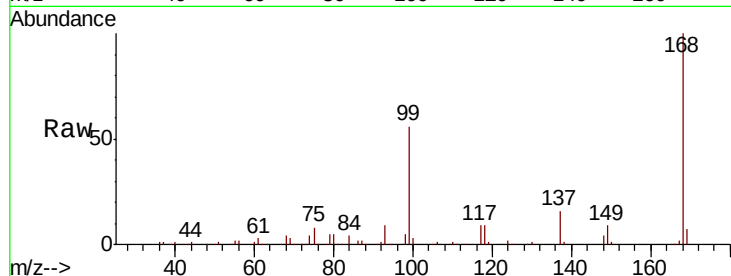
VX0411WBS01

Tgt Ion:168 Resp: 161684

Ion Ratio Lower Upper

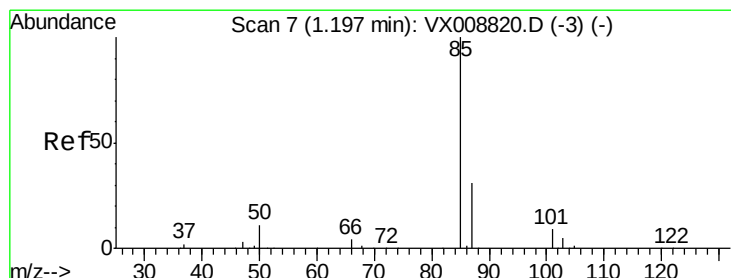
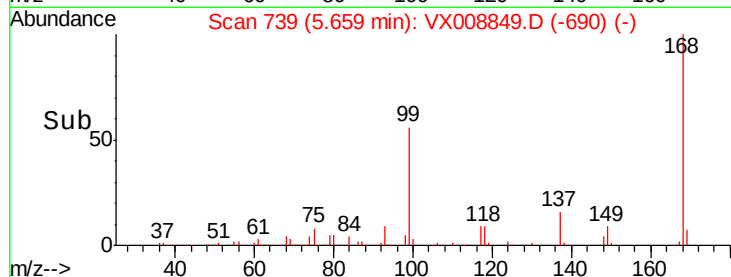
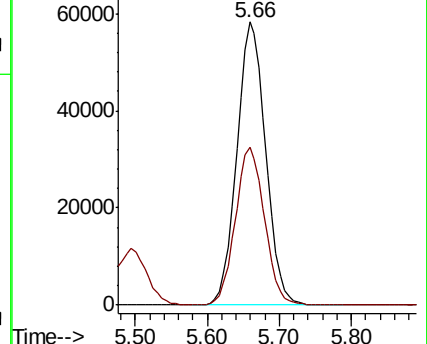
168 100

99 55.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.629 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008849.D

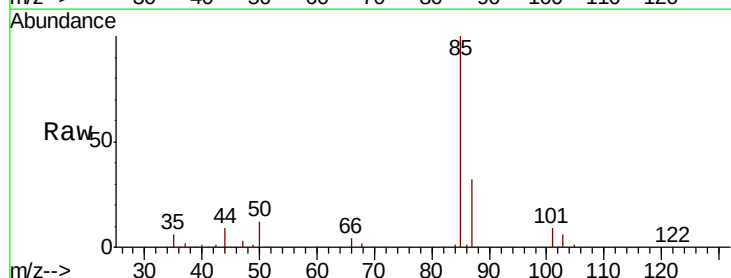
Acq: 11 Apr 2019 14:11

Tgt Ion: 85 Resp: 42115

Ion Ratio Lower Upper

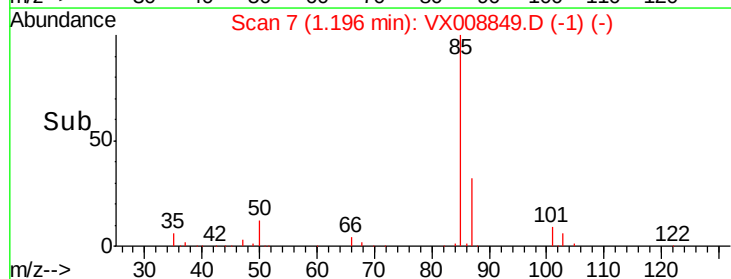
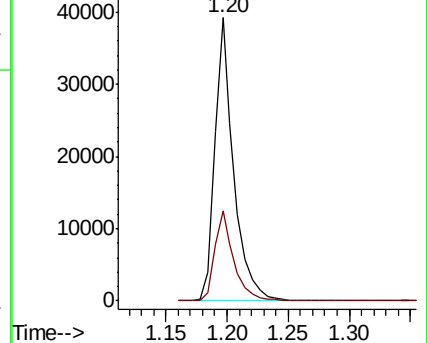
85 100

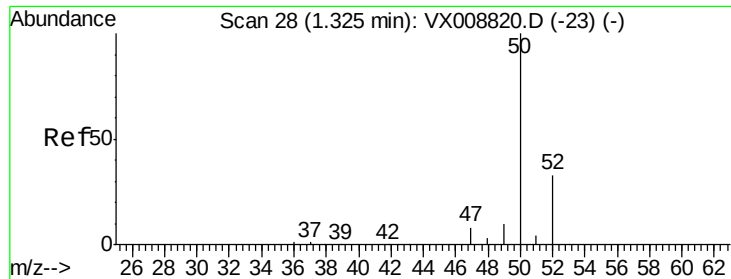
87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

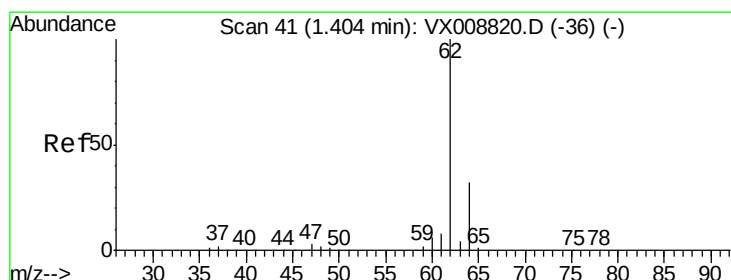
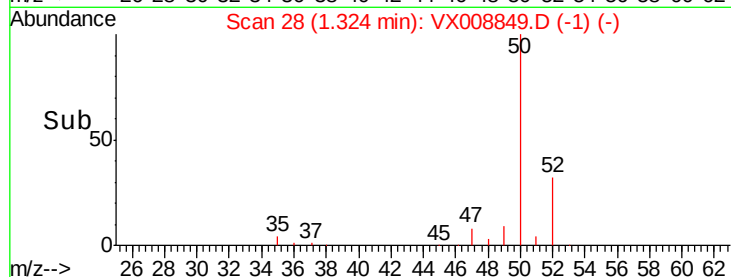
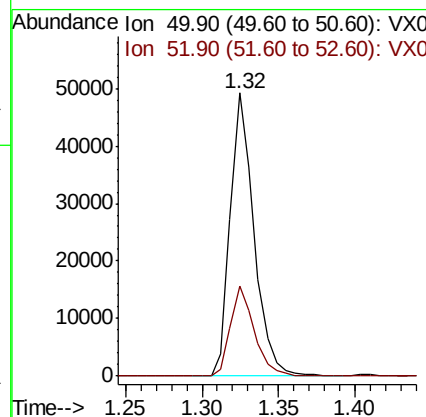
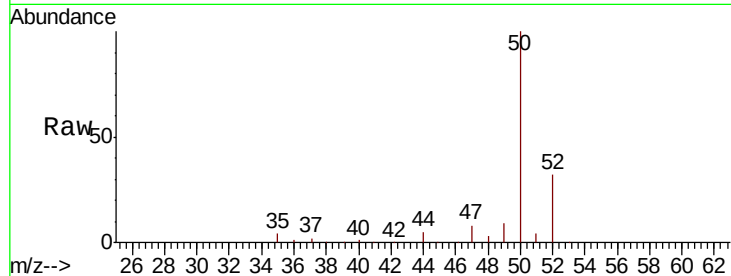




#3
Chloromethane
Concen: 22.240 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

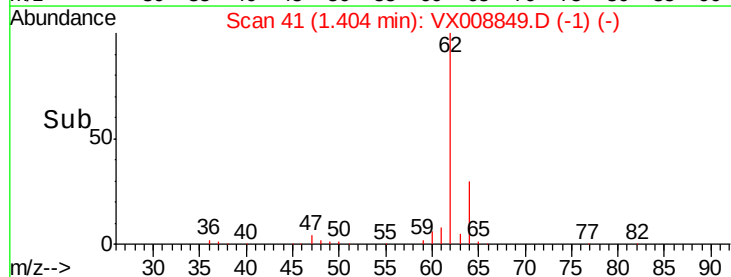
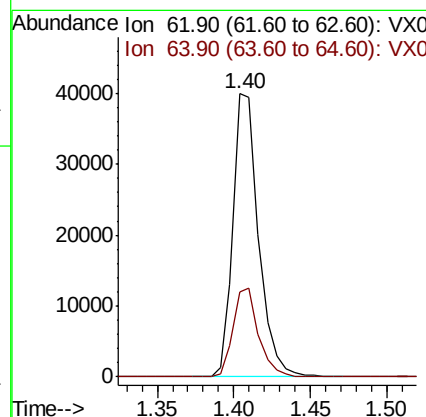
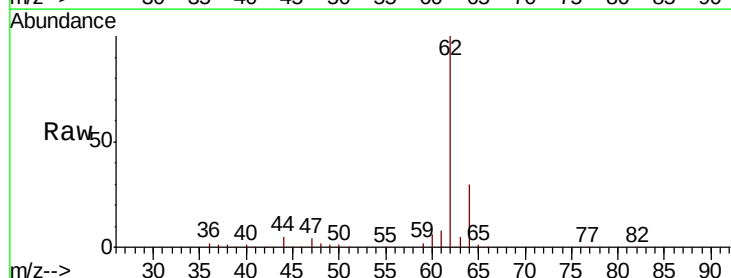
Instrument :
MSVOA_X
ClientSampled :
VX0411WBS01

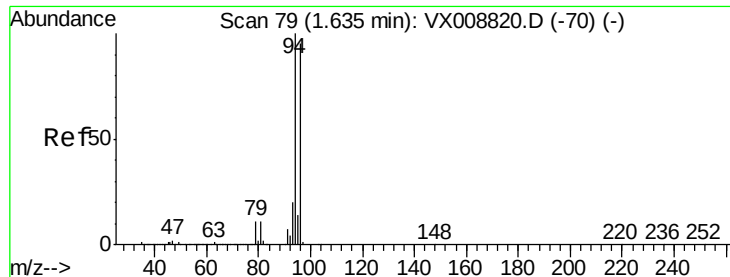
Tgt Ion: 50 Resp: 52866
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.8



#4
Vinyl Chloride
Concen: 18.440 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 62 Resp: 46392
Ion Ratio Lower Upper
62 100
64 29.7 24.7 37.1





#5

Bromomethane

Concen: 22.768 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

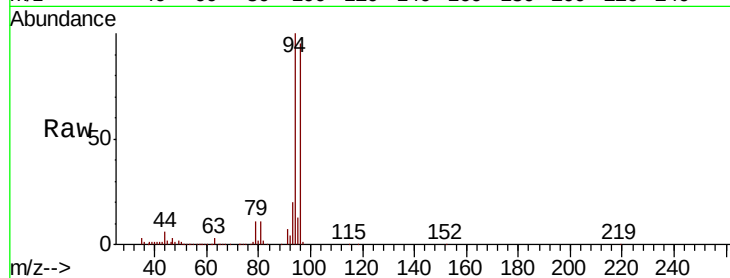
VX0411WBS01

Tgt Ion: 94 Resp: 26895

Ion Ratio Lower Upper

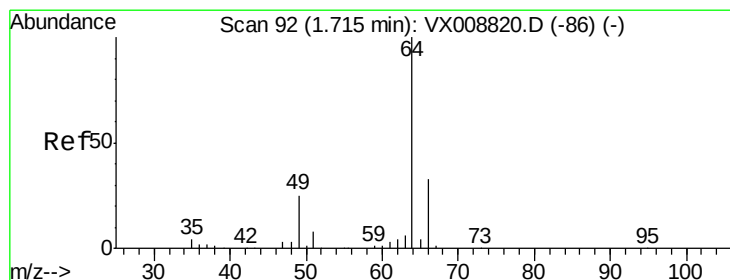
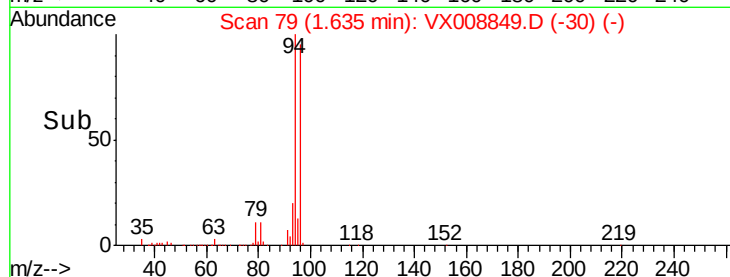
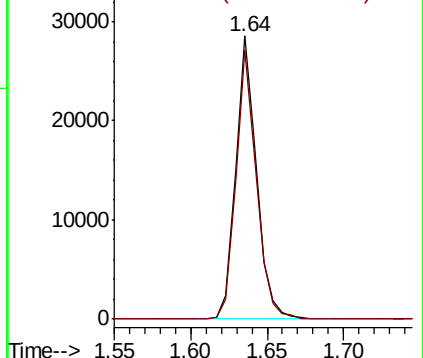
94 100

96 95.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.055 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008849.D

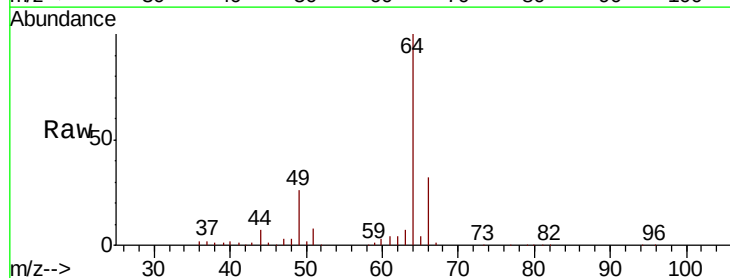
Acq: 11 Apr 2019 14:11

Tgt Ion: 64 Resp: 27465

Ion Ratio Lower Upper

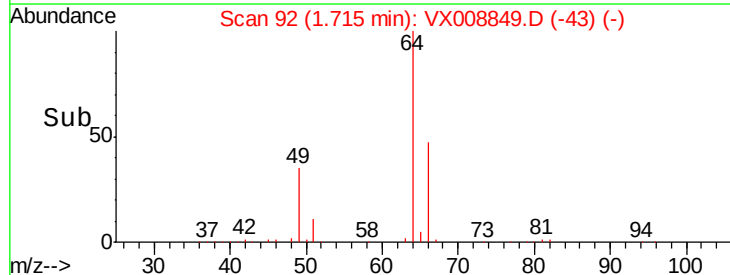
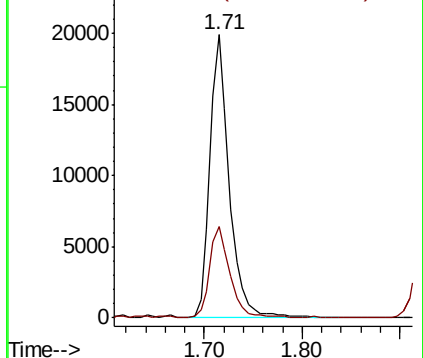
64 100

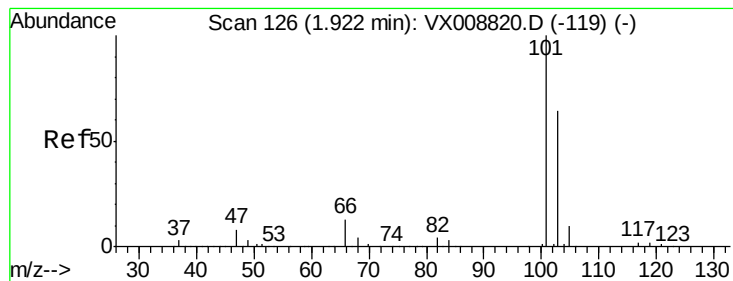
66 32.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



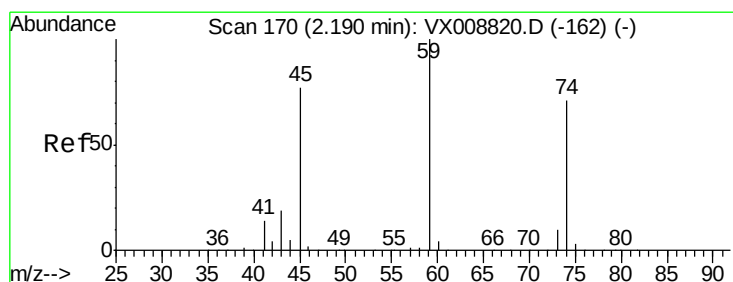
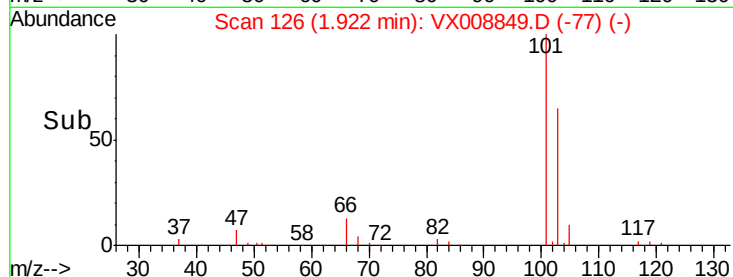
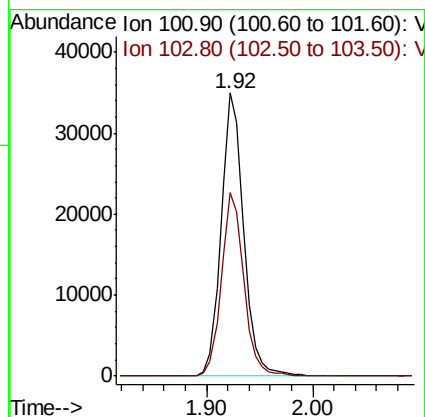
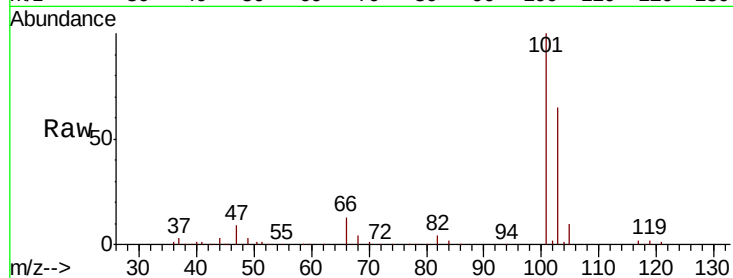


#7

Trichlorofluoromethane
Concen: 18.483 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

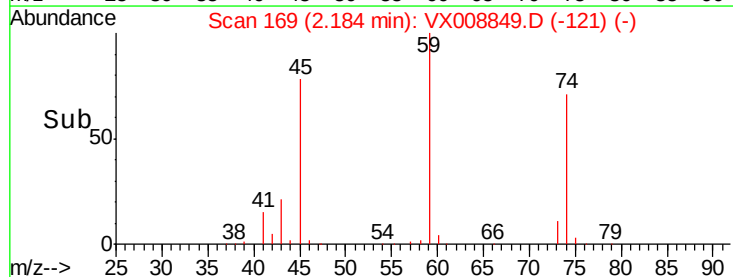
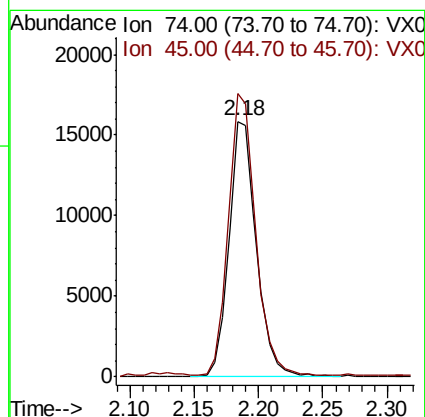
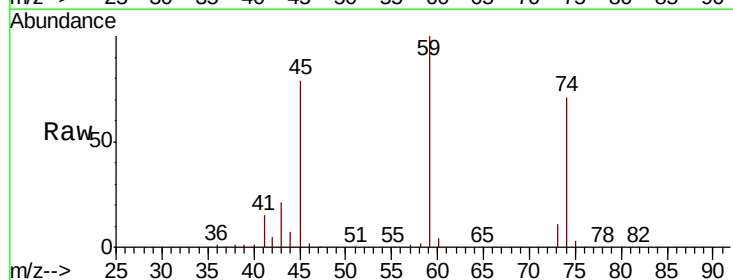
Tgt Ion: 101 Resp: 51402
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

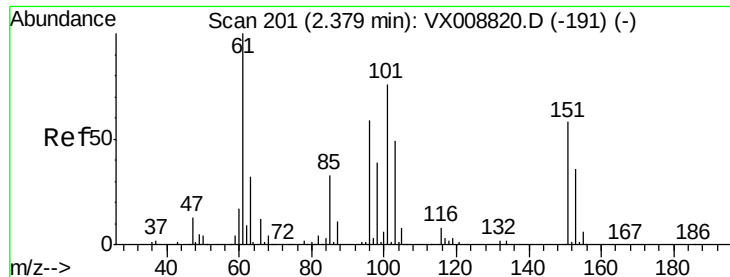


#8

Diethyl Ether
Concen: 17.972 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 74 Resp: 23702
Ion Ratio Lower Upper
74 100
45 109.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.315 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

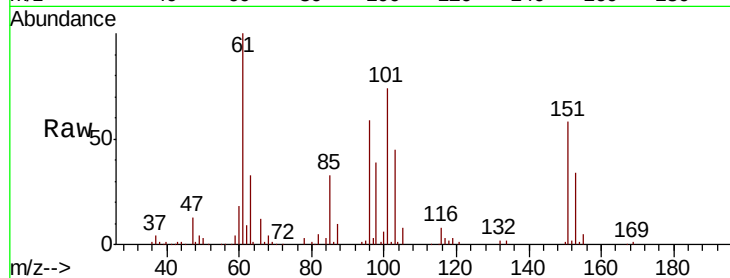
Tgt Ion:101 Resp: 32795

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

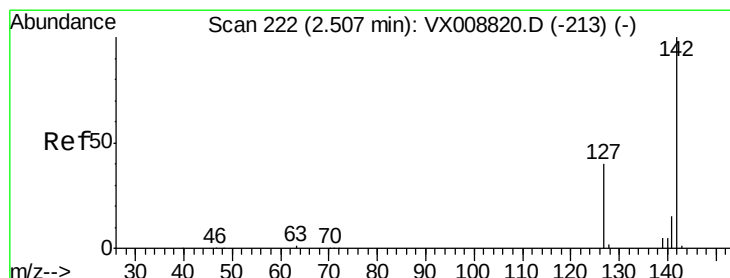
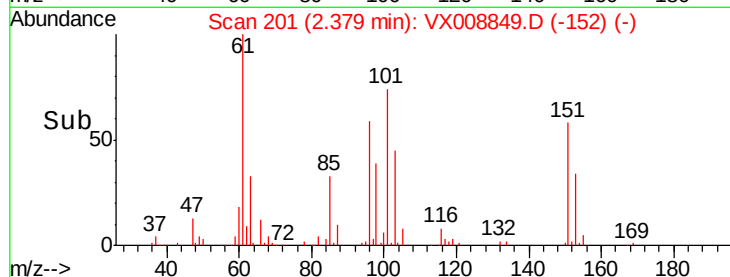
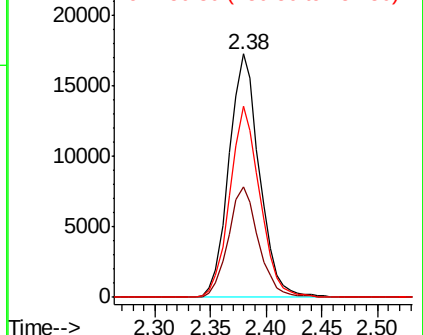
151 77.4 59.9 89.9



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: 22.027 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

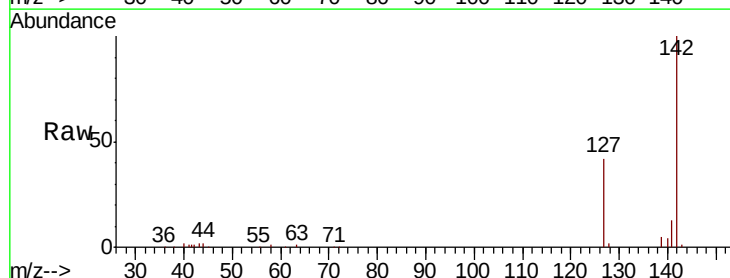
Tgt Ion:142 Resp: 31951

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.6

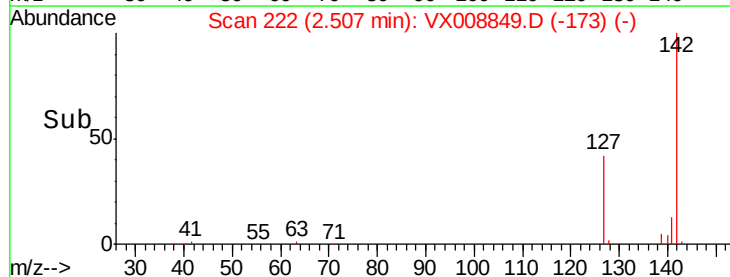
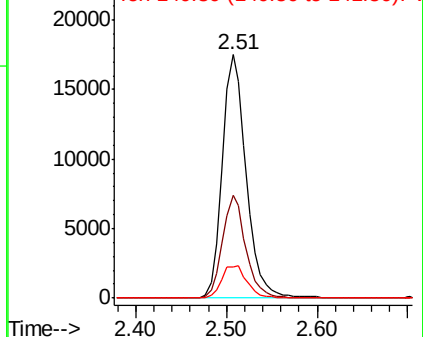
141 14.3 11.4 17.2

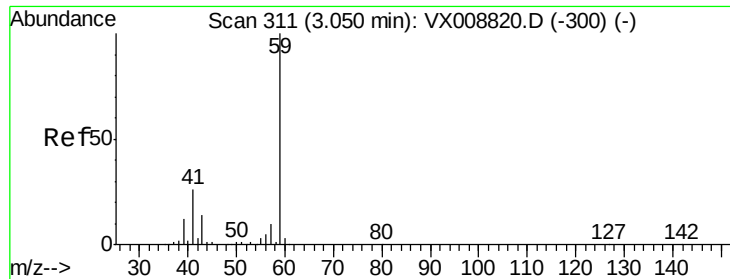


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

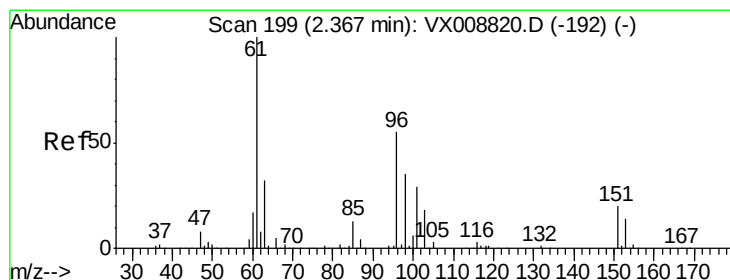
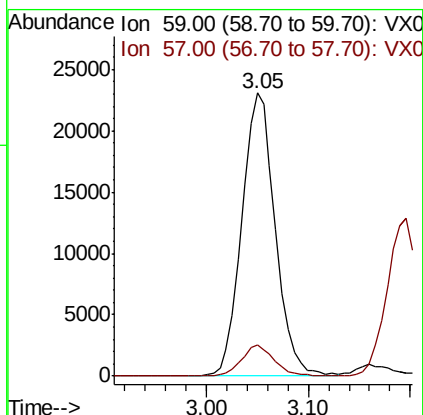
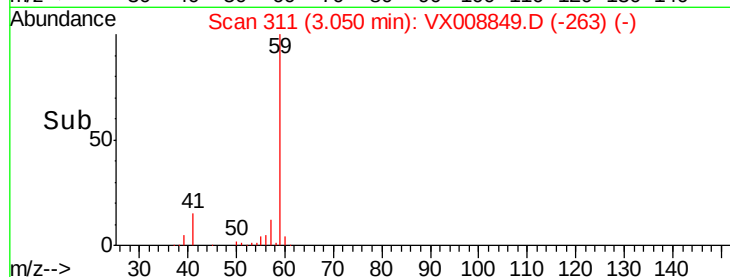
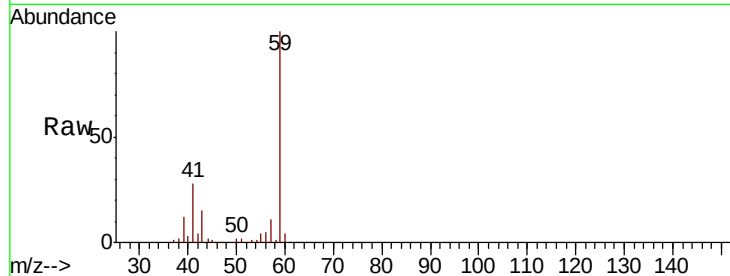




#11
Tert butyl alcohol
Concen: 95.003 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

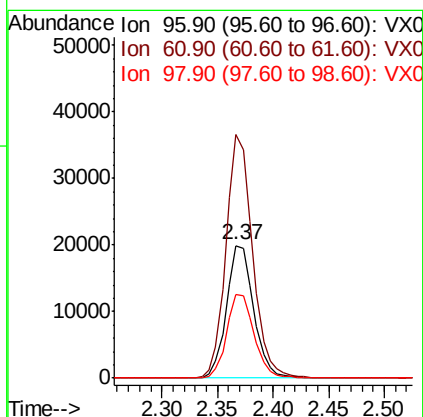
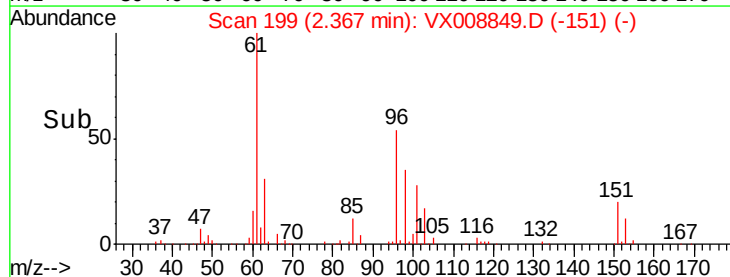
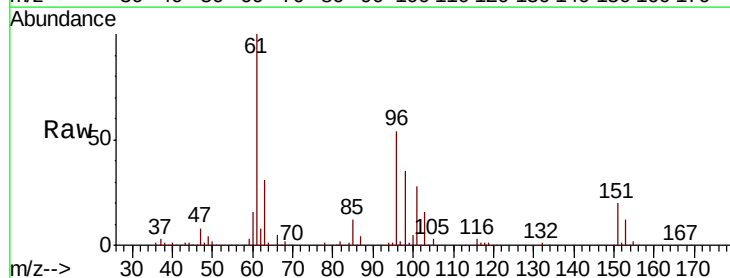
Instrument :
MSVOA_X
ClientSampled :
VX0411WBS01

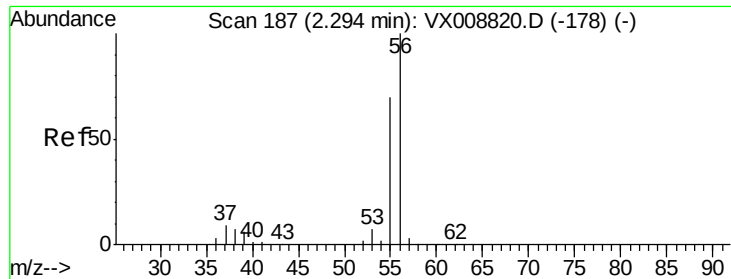
Tgt Ion: 59 Resp: 52451
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.992 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 96 Resp: 33631
Ion Ratio Lower Upper
96 100
61 184.0 140.9 211.3
98 63.6 52.1 78.1





#13

Acrolein

Concen: 106.616 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

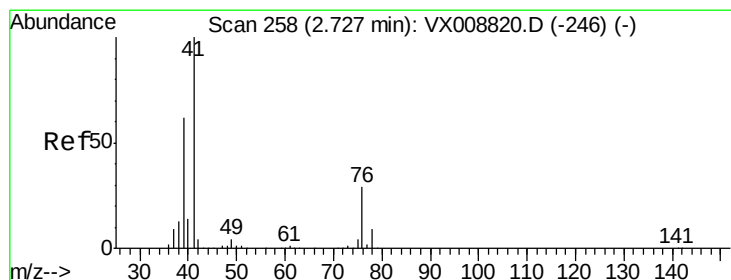
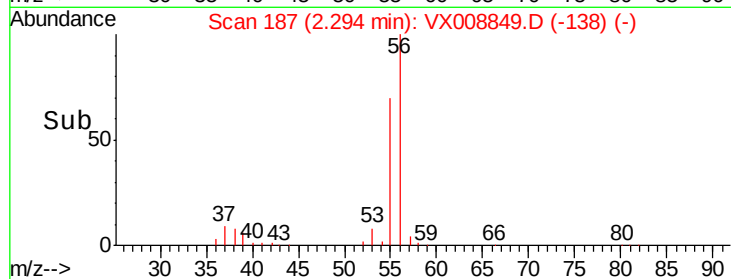
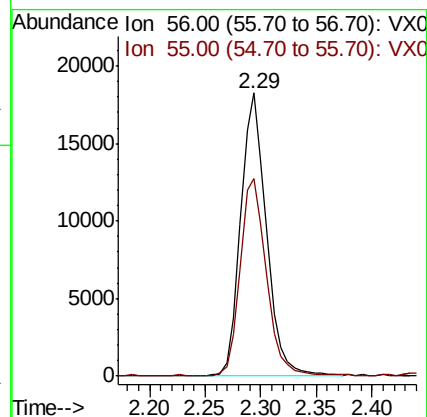
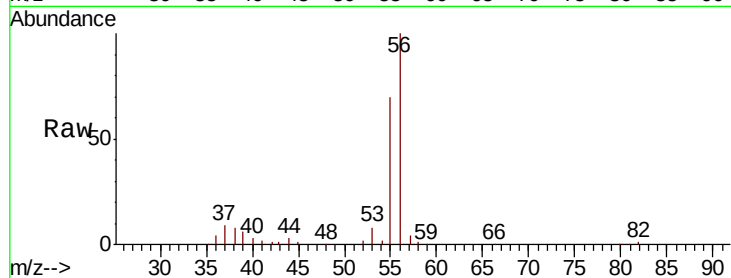
VX0411WBS01

Tgt Ion: 56 Resp: 29187

Ion Ratio Lower Upper

56 100

55 70.8 58.0 87.0



#14

Allyl chloride

Concen: 18.444 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

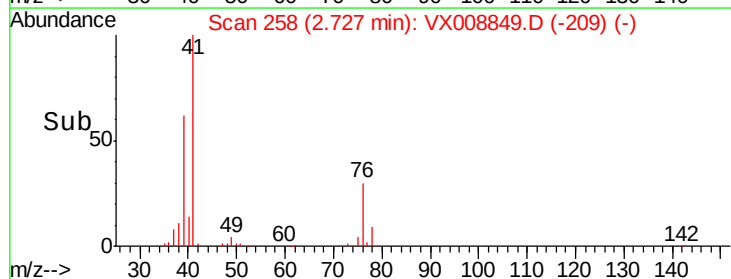
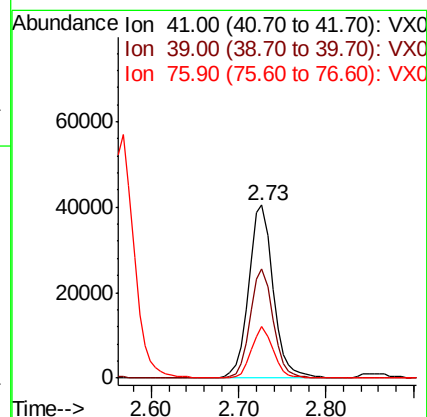
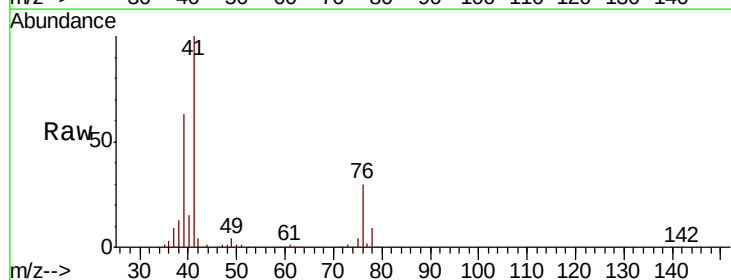
Tgt Ion: 41 Resp: 78924

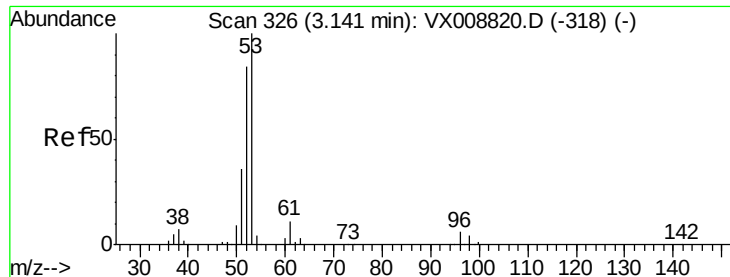
Ion Ratio Lower Upper

41 100

39 59.8 48.0 72.0

76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 90.857 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

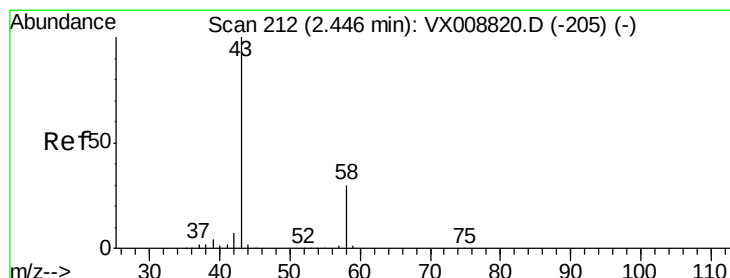
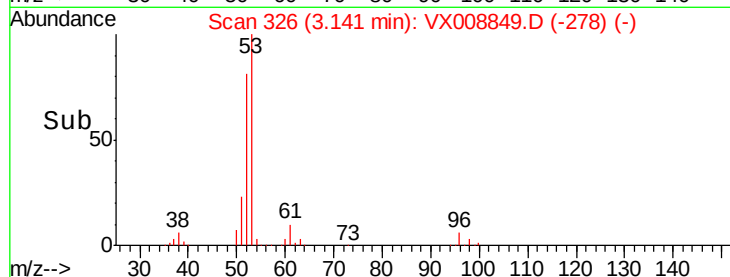
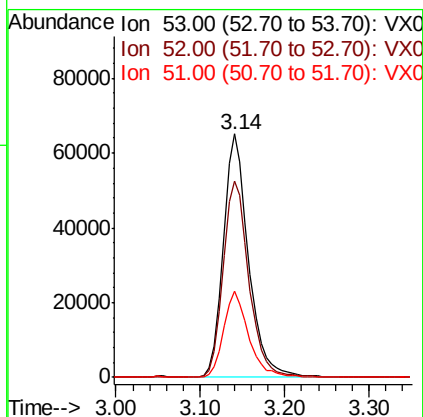
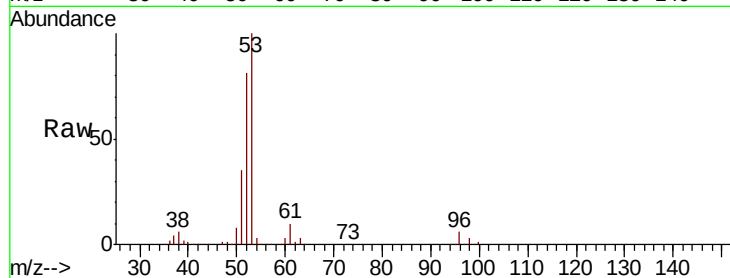
Tgt Ion: 53 Resp: 132887

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 35.2 28.6 42.8



#16

Acetone

Concen: 84.547 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008849.D

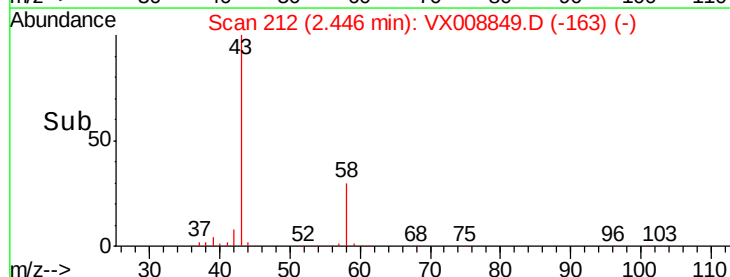
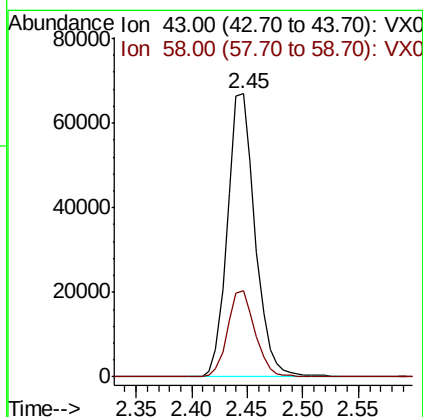
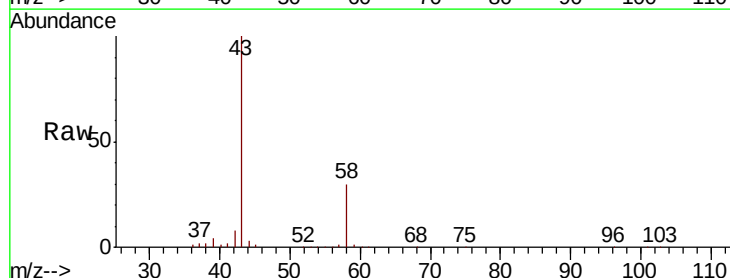
Acq: 11 Apr 2019 14:11

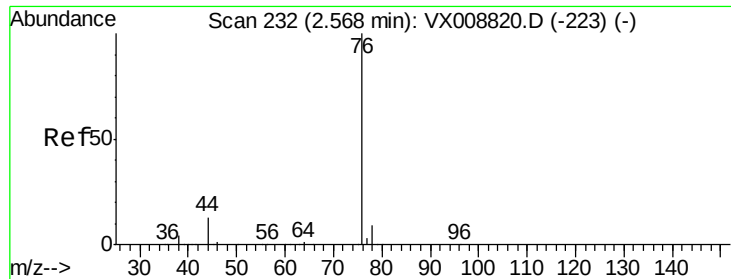
Tgt Ion: 43 Resp: 114839

Ion Ratio Lower Upper

43 100

58 30.4 24.8 37.2





#17

Carbon Disulfide

Concen: 18.052 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

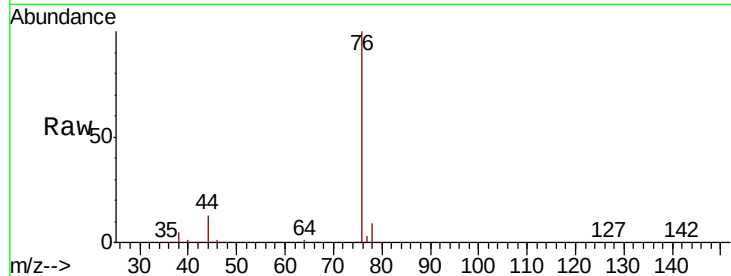
VX0411WBS01

Tgt Ion: 76 Resp: 99994

Ion Ratio Lower Upper

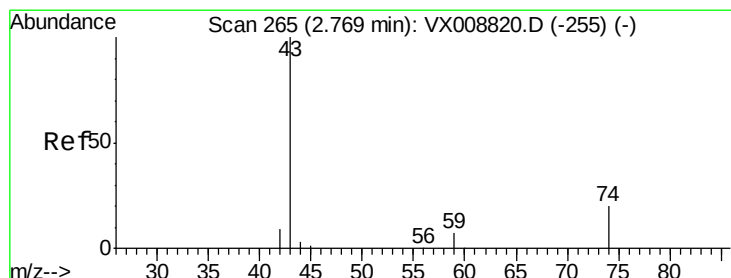
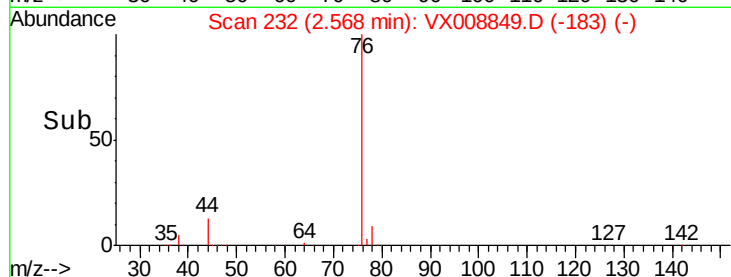
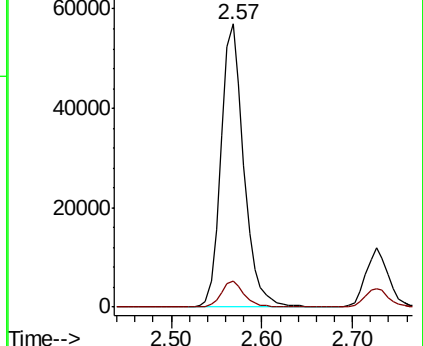
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.492 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008849.D

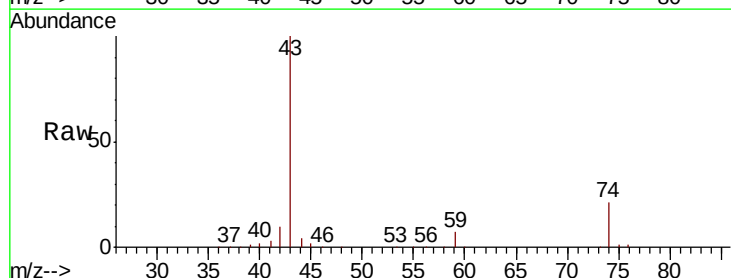
Acq: 11 Apr 2019 14:11

Tgt Ion: 43 Resp: 57624

Ion Ratio Lower Upper

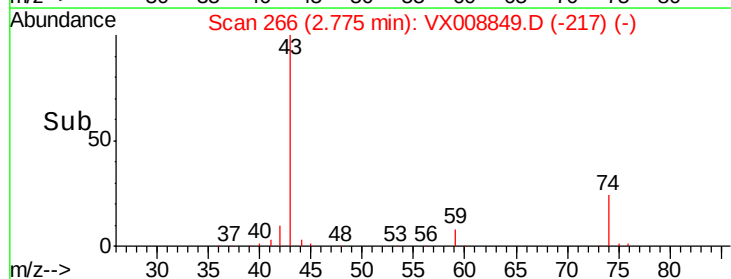
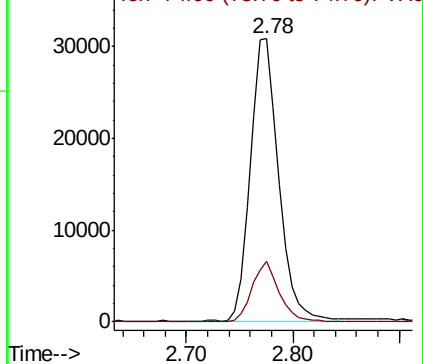
43 100

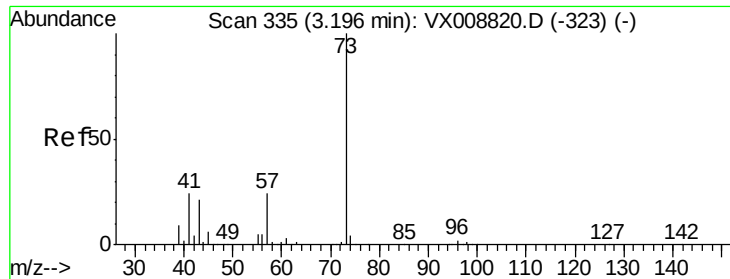
74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

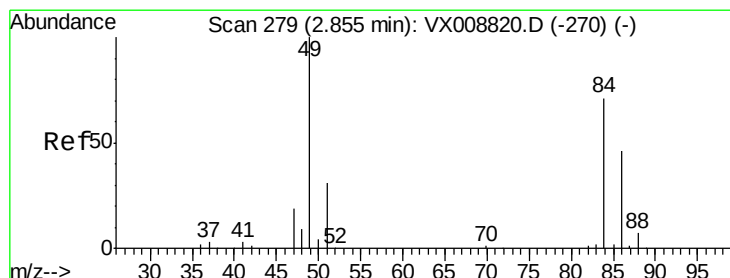
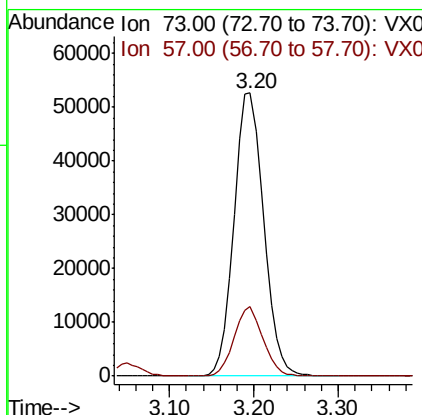
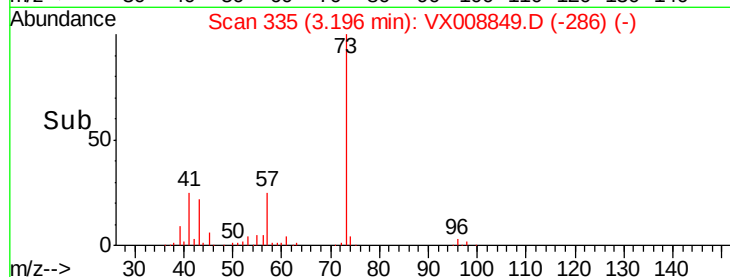
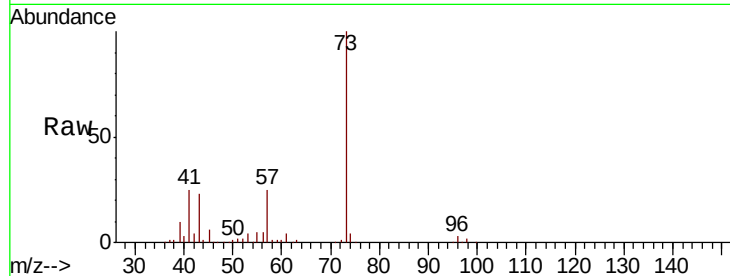




#19
Methyl tert-butyl Ether
Concen: 18.799 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

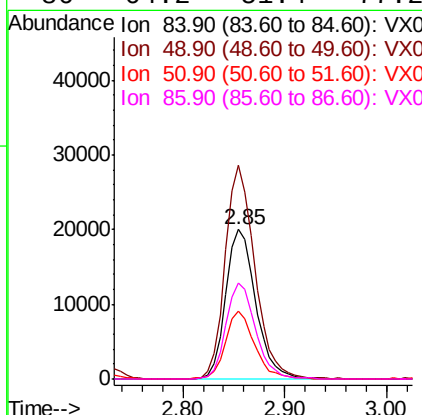
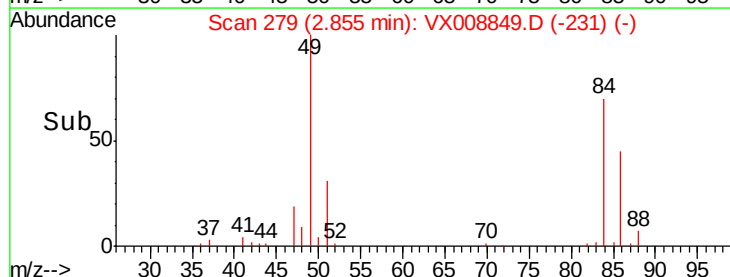
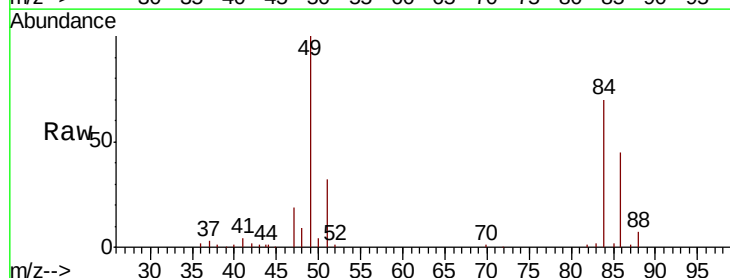
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

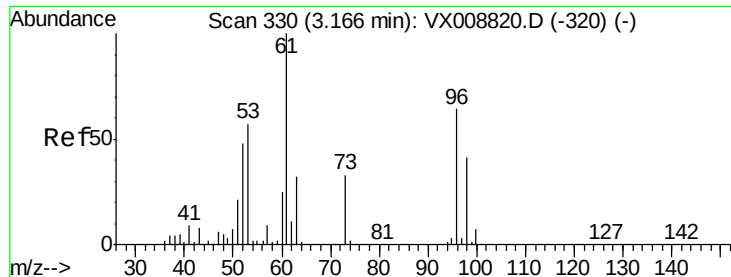
Tgt Ion: 73 Resp: 125492
Ion Ratio Lower Upper
73 100
57 24.4 19.5 29.3



#20
Methylene Chloride
Concen: 17.951 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 84 Resp: 40813
Ion Ratio Lower Upper
84 100
49 143.0 109.7 164.5
51 45.2 33.6 50.4
86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.656 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

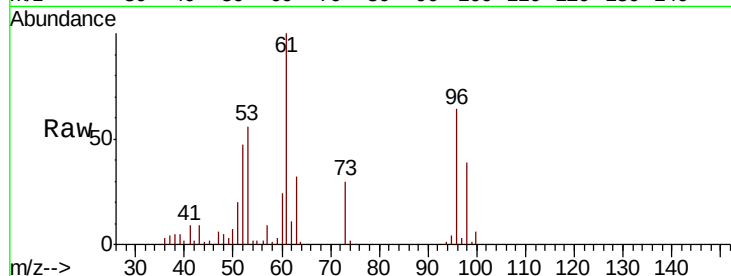
Tgt Ion: 96 Resp: 35697

Ion Ratio Lower Upper

96 100

61 156.3 132.1 198.1

98 60.7 52.2 78.2

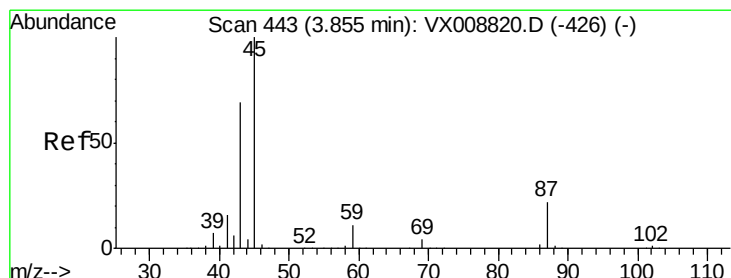
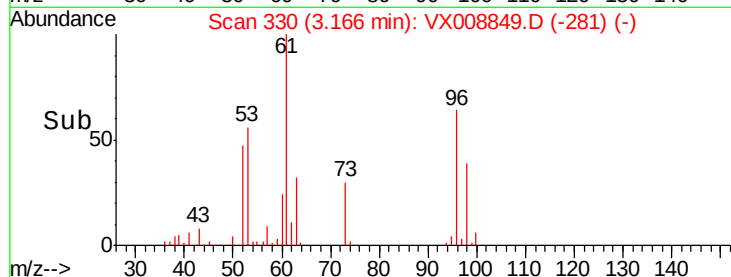
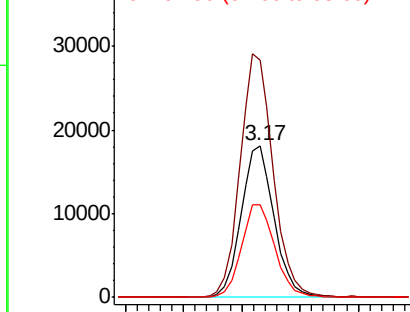


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.595 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion: 45 Resp: 153359

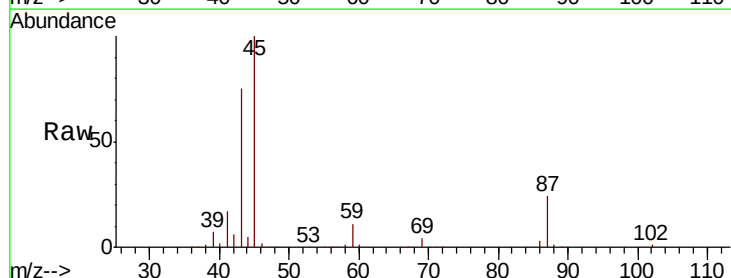
Ion Ratio Lower Upper

45 100

43 74.9 51.3 76.9

87 24.0 18.1 27.1

59 10.5 8.6 13.0



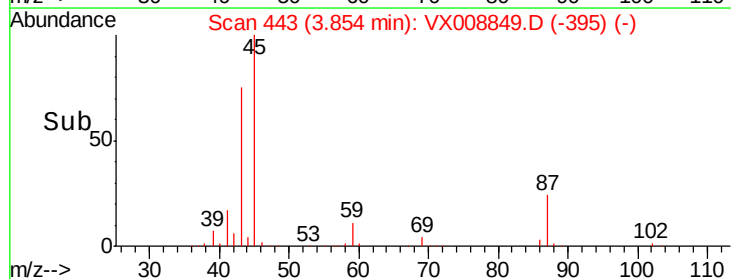
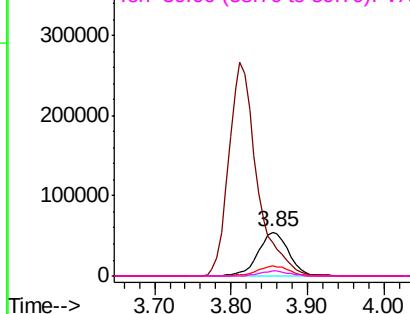
Abundance

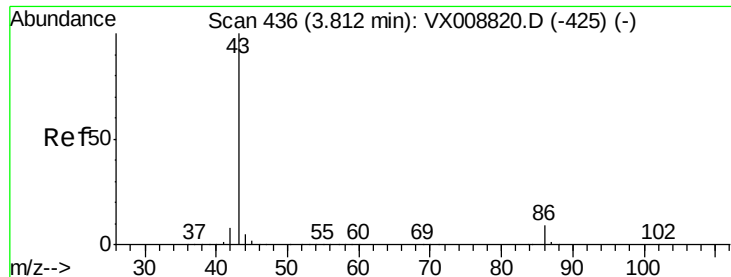
Ion 45.00 (44.70 to 45.70): VX0

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: 95.177 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

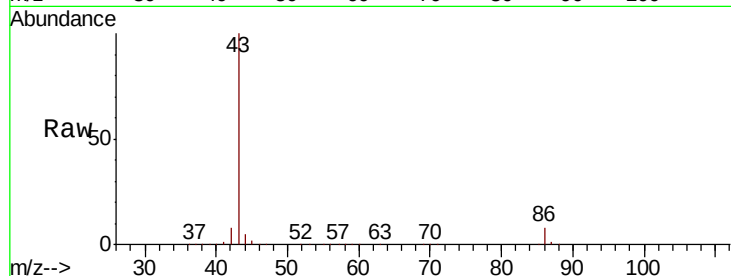
VX0411WBS01

Tgt Ion: 43 Resp: 682877

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

250000

200000

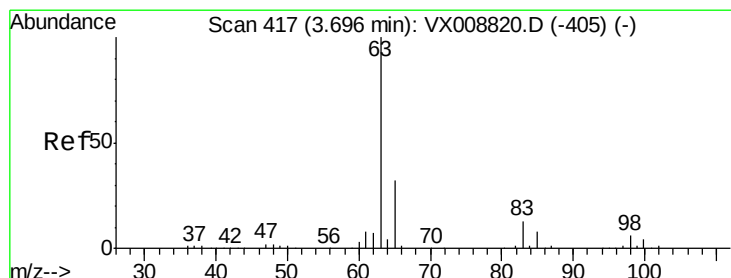
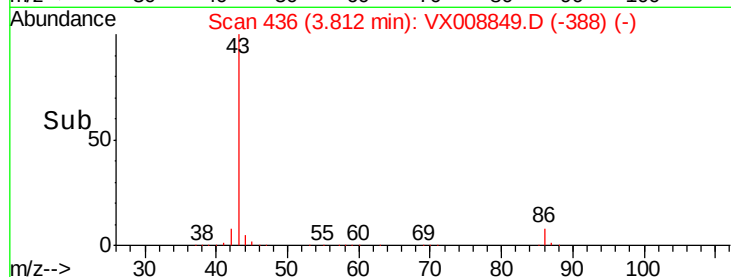
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.365 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

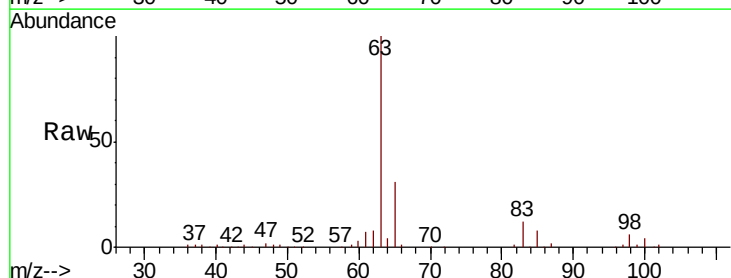
Tgt Ion: 63 Resp: 74994

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

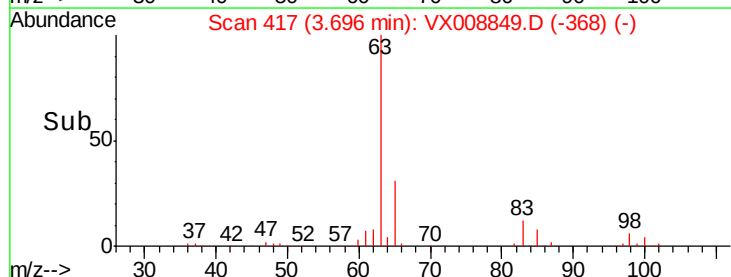
30000

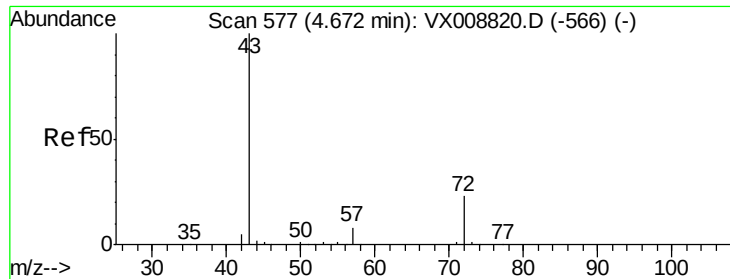
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.811 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

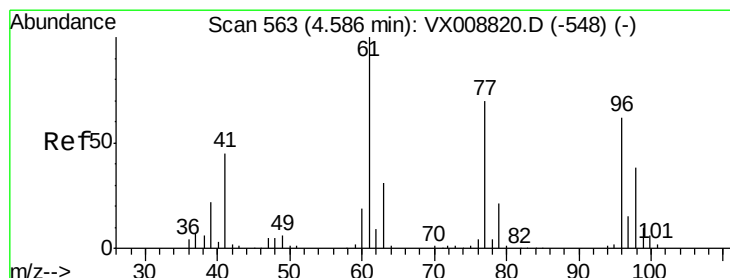
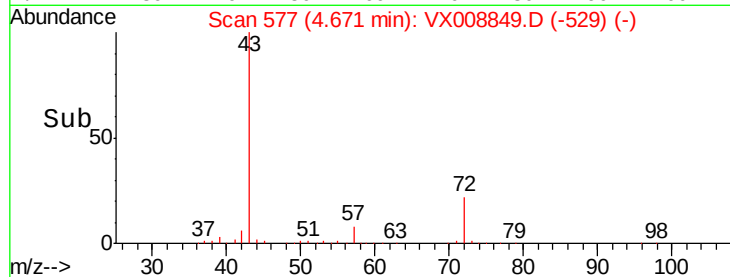
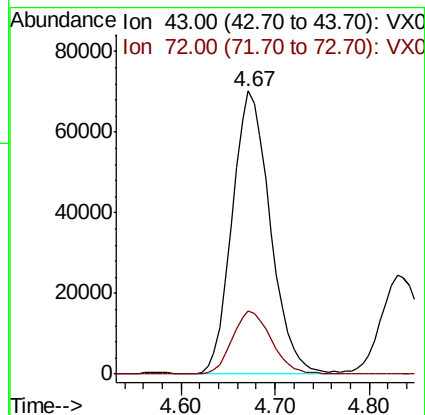
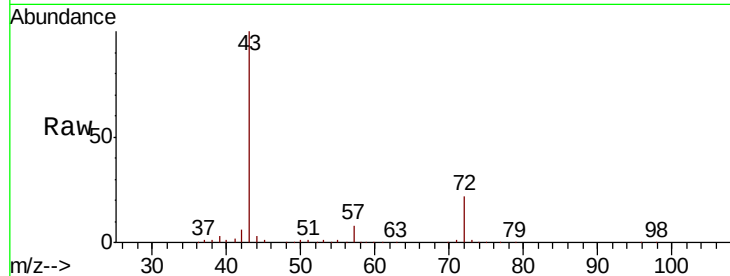
VX0411WBS01

Tgt Ion: 43 Resp: 197100

Ion Ratio Lower Upper

43 100

72 22.3 18.2 27.4



#26

2,2-Dichloropropane

Concen: 18.225 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008849.D

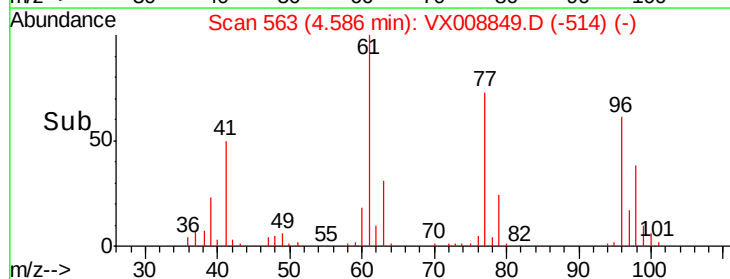
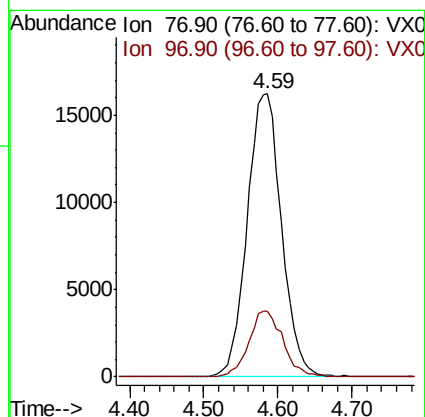
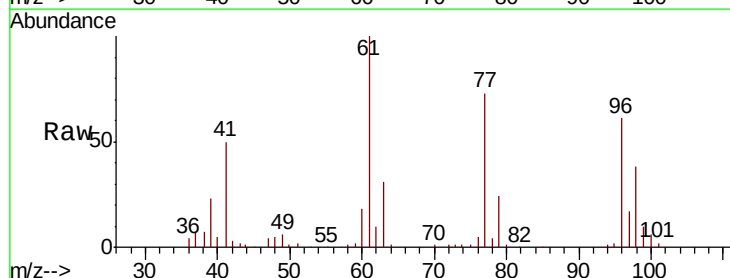
Acq: 11 Apr 2019 14:11

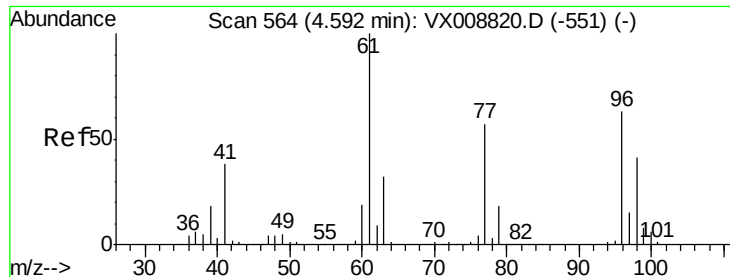
Tgt Ion: 77 Resp: 52416

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



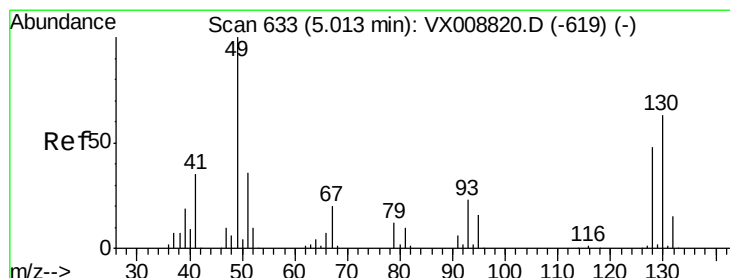
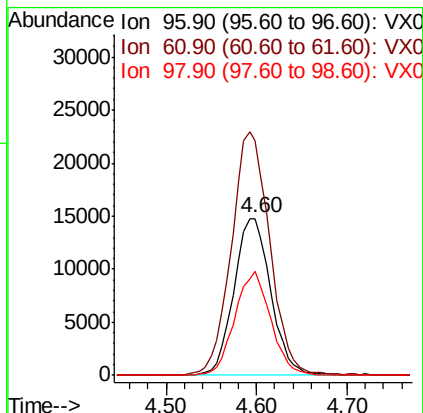
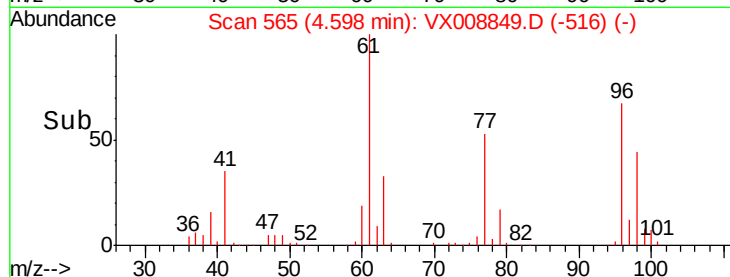
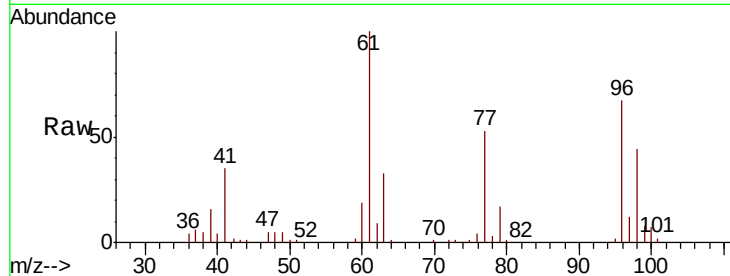


#27

cis-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

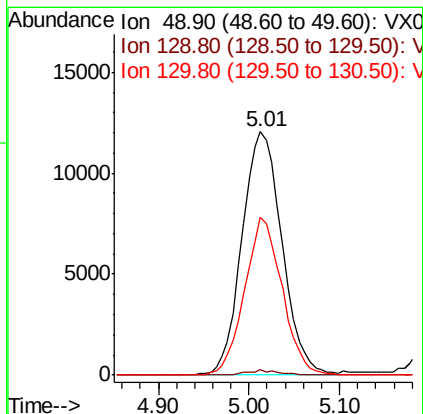
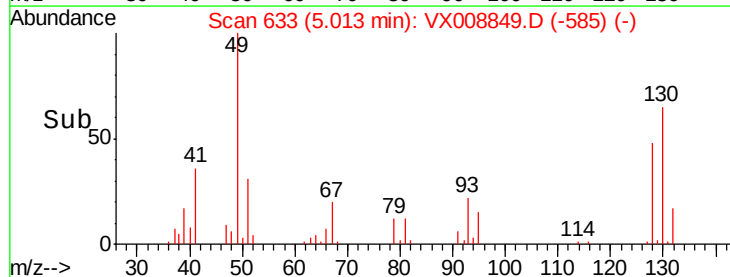
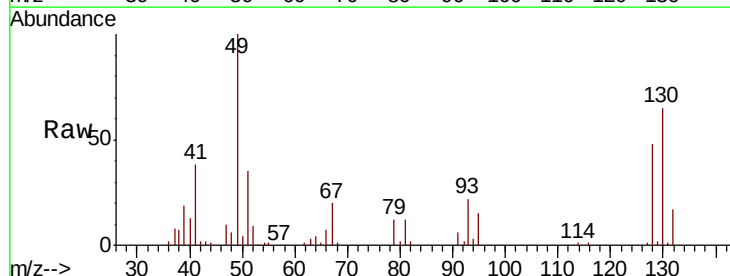
Tgt Ion: 96 Resp: 41691
Ion Ratio Lower Upper
96 100
61 162.2 0.0 327.6
98 64.7 0.0 128.6

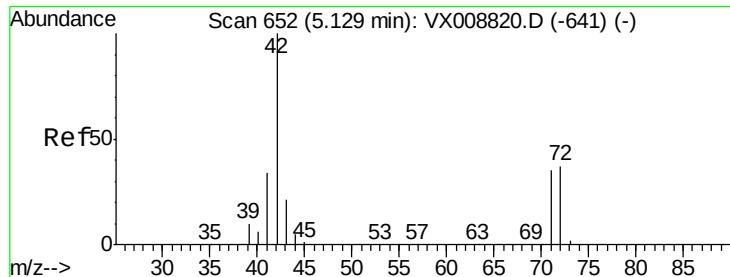


#28

Bromochloromethane
Concen: 19.794 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 49 Resp: 36882
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 60.3 49.3 73.9

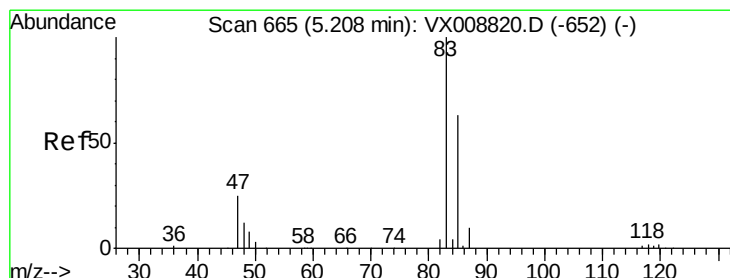
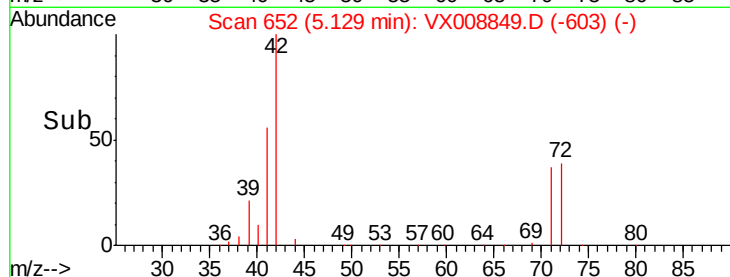
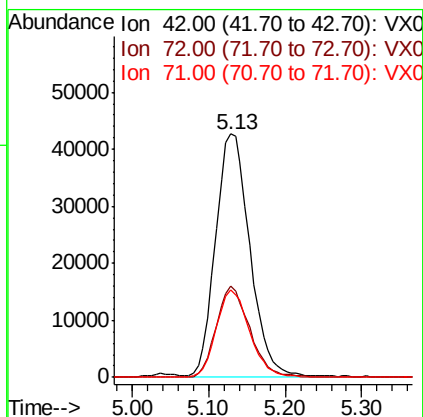
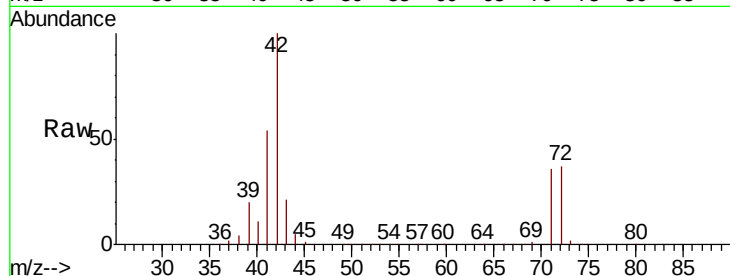




#29
Tetrahydrofuran
Concen: 92.847 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

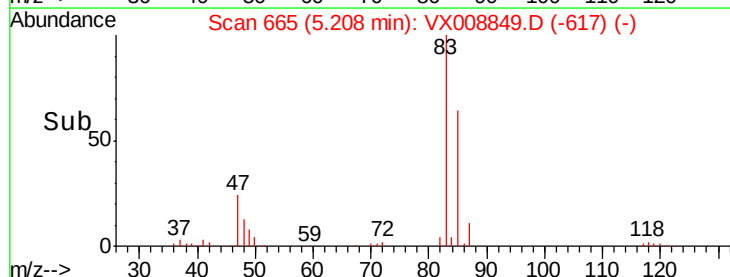
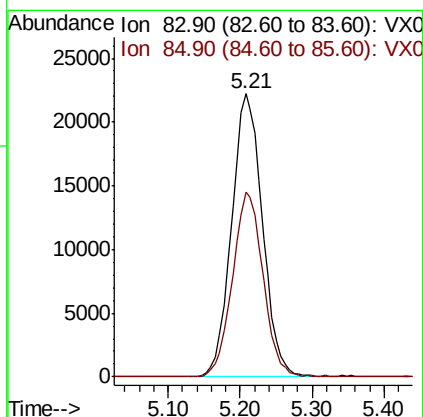
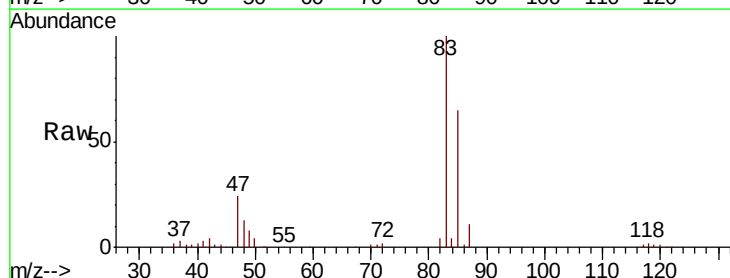
Instrument :
MSVOA_X
ClientSampled :
VX0411WBS01

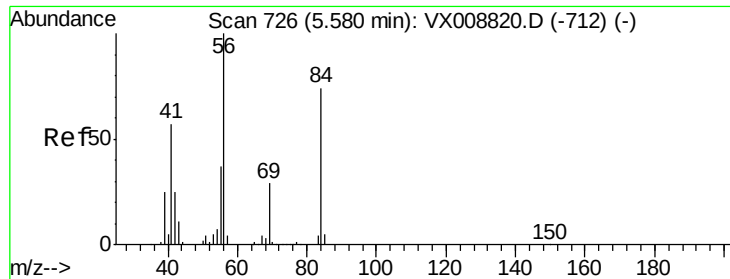
Tgt Ion: 42 Resp: 132296
Ion Ratio Lower Upper
42 100
72 36.9 30.5 45.7
71 35.1 28.6 43.0



#30
Chloroform
Concen: 18.110 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 83 Resp: 66051
Ion Ratio Lower Upper
83 100
85 65.4 52.1 78.1

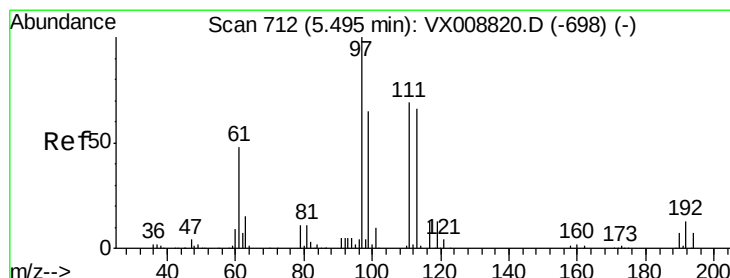
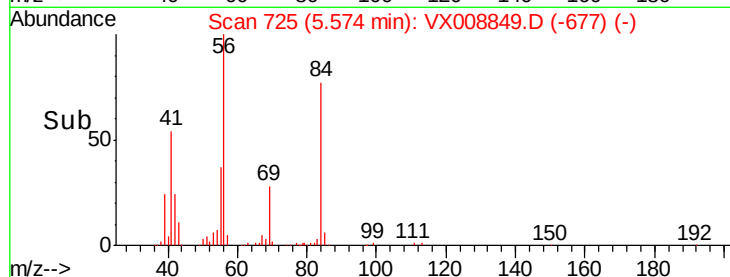
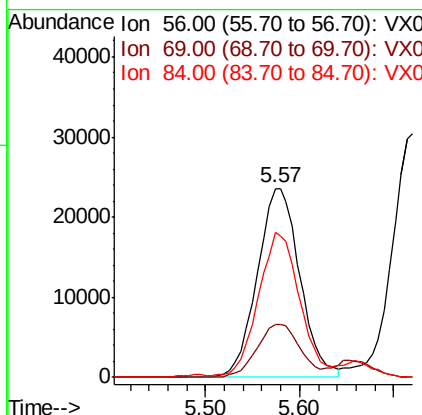
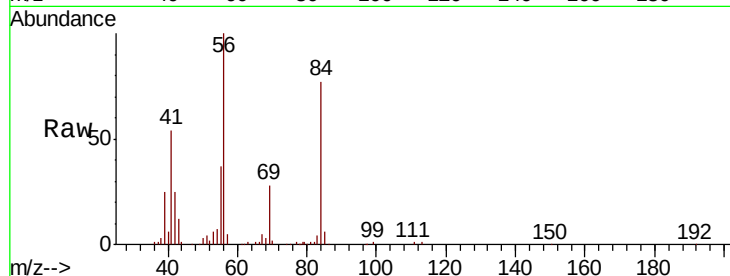




#31
Cyclohexane
Concen: 18.281 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

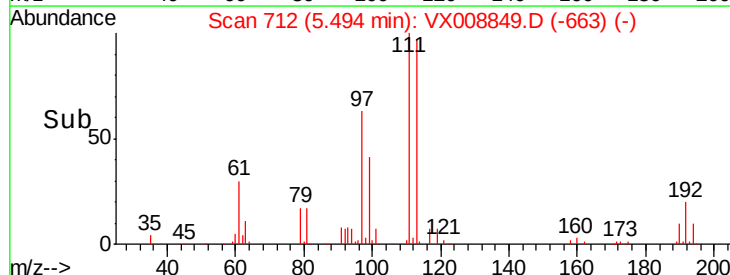
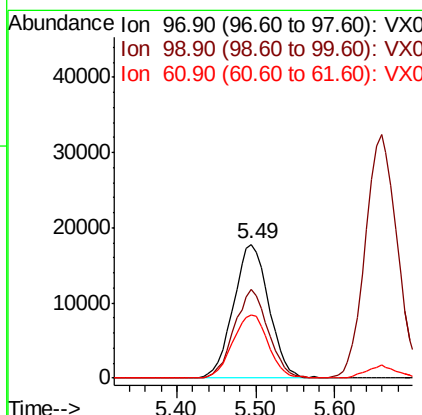
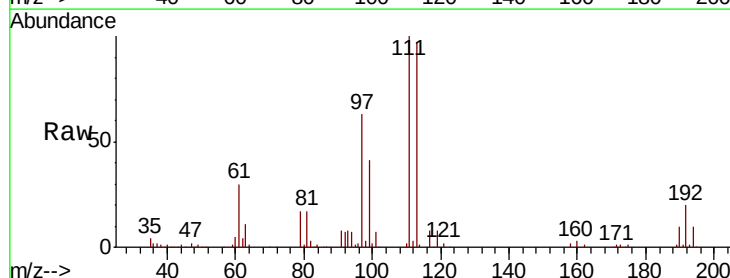
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

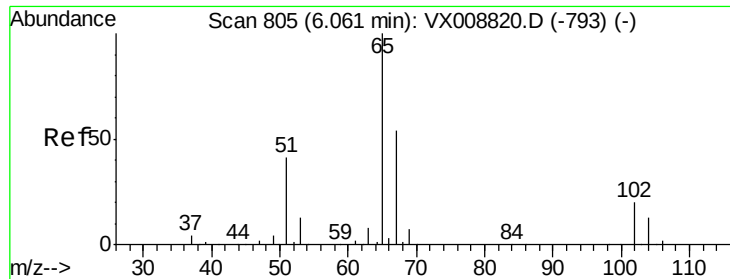
Tgt Ion: 56 Resp: 74488
Ion Ratio Lower Upper
56 100
69 28.0 22.6 33.8
84 75.4 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 18.844 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 97 Resp: 55540
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 47.7 38.9 58.3

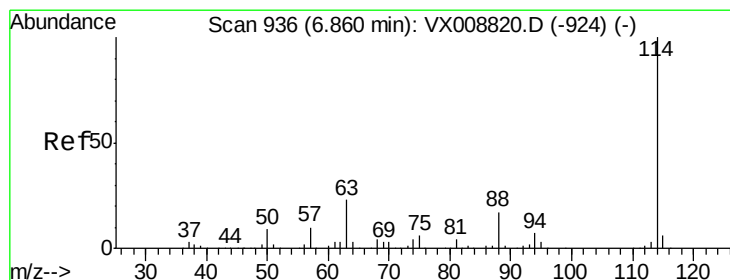
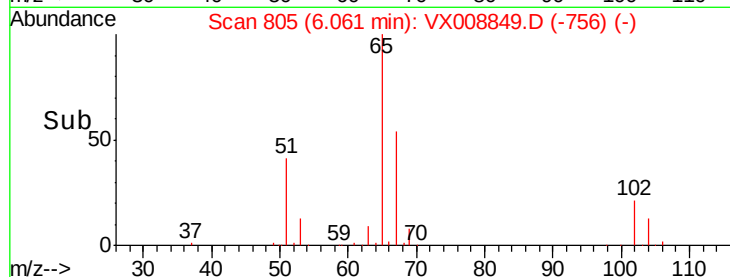
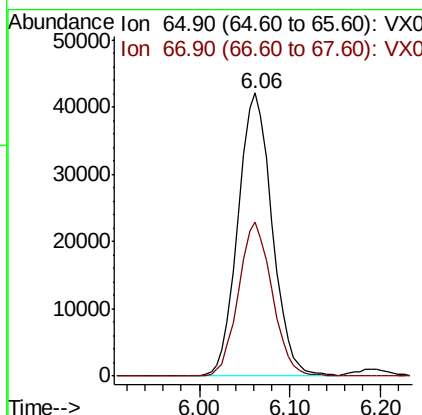
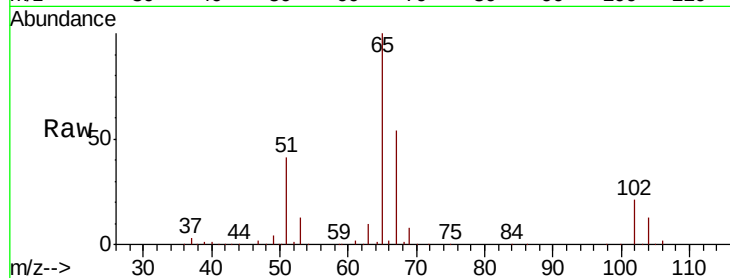




#33
 1,2-Dichloroethane-d4
 Concen: 46.726 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

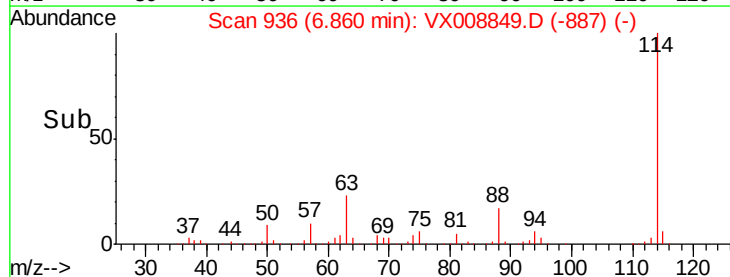
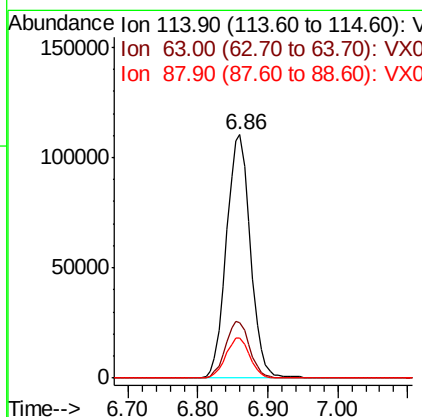
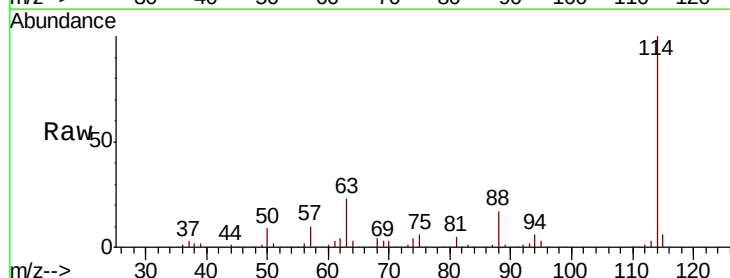
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

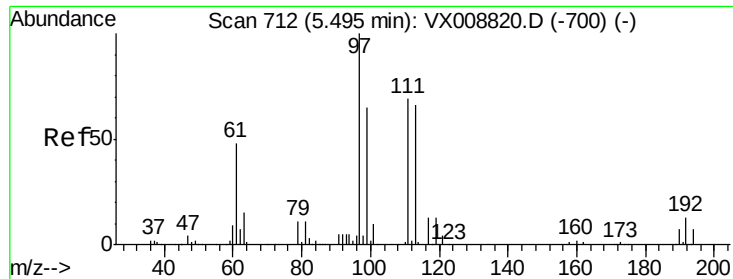
Tgt Ion: 65 Resp: 110191
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion: 114 Resp: 263619
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.5 0.0 34.0

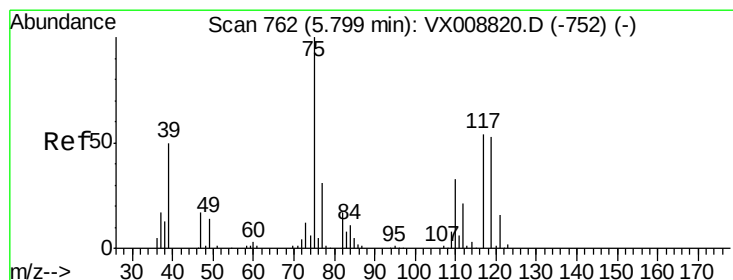
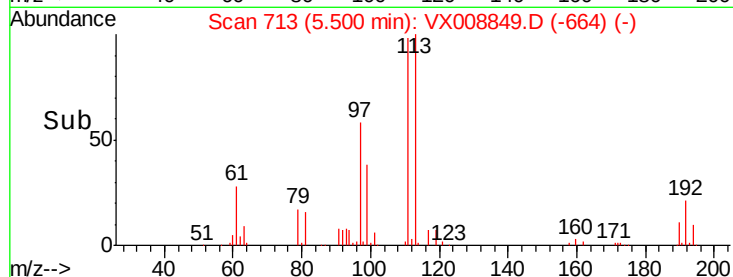
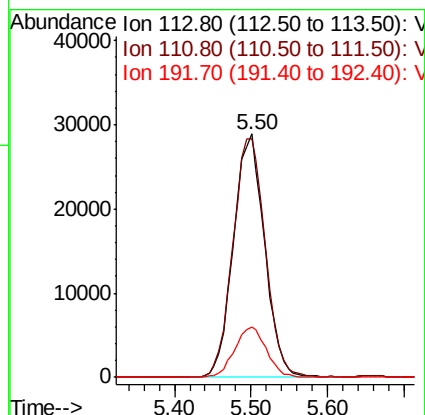
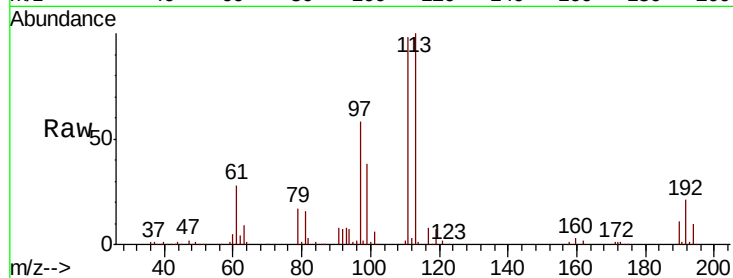




#35
 Dibromofluoromethane
 Concen: 48.431 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

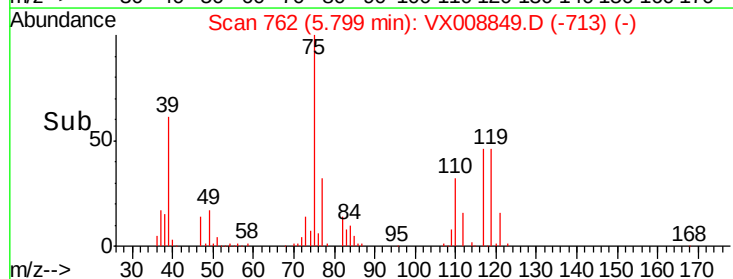
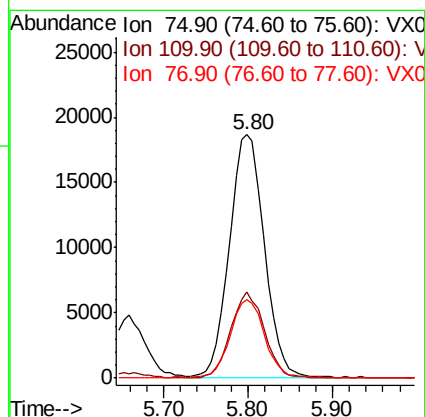
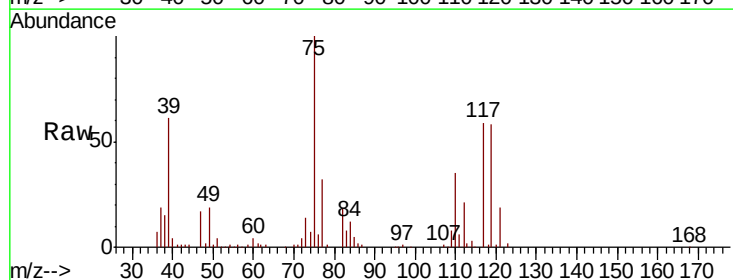
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

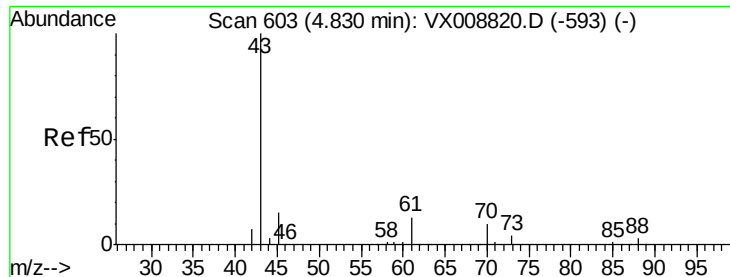
Tgt Ion:113 Resp: 81630
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 21.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 18.168 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion: 75 Resp: 52354
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.4 49.2
 77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 19.053 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

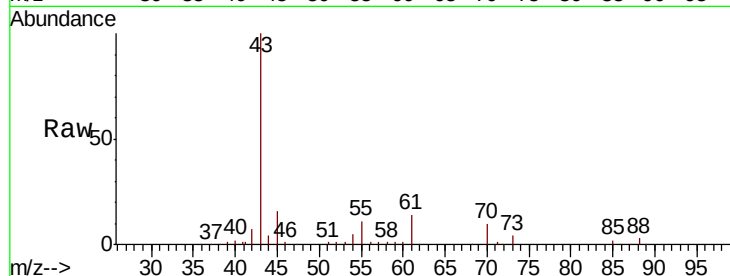
Tgt Ion: 43 Resp: 73285

Ion Ratio Lower Upper

43 100

61 13.4 10.3 15.5

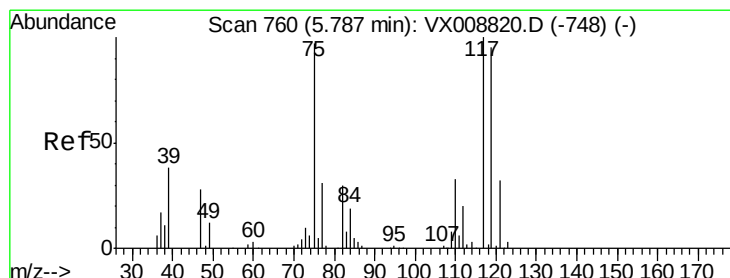
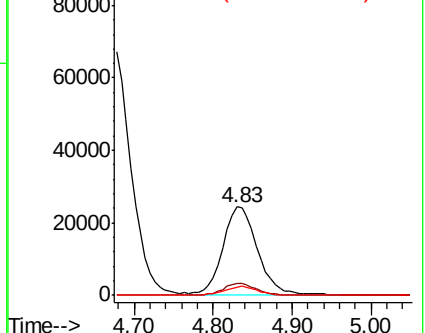
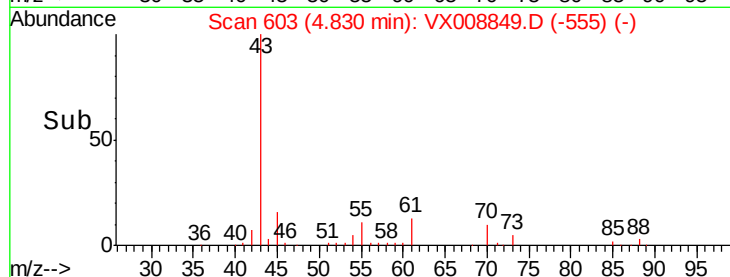
70 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.646 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

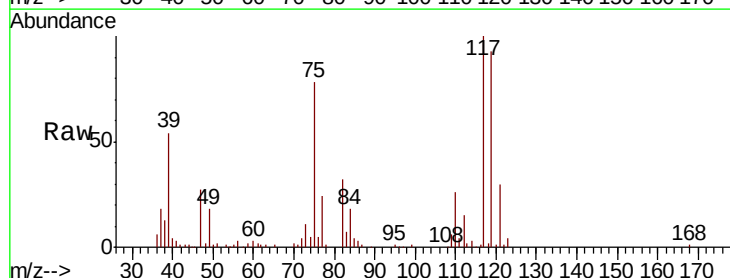
Tgt Ion: 117 Resp: 44471

Ion Ratio Lower Upper

117 100

119 92.8 75.0 112.6

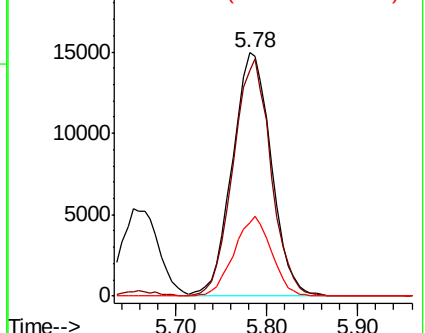
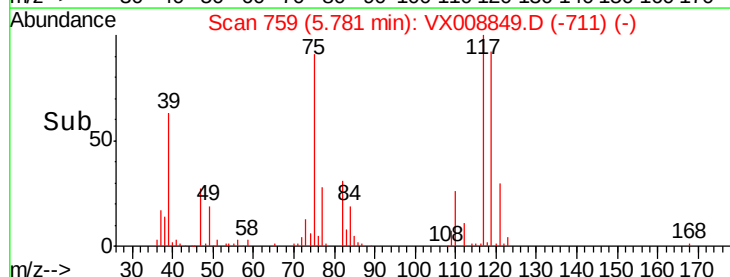
121 30.4 24.3 36.5

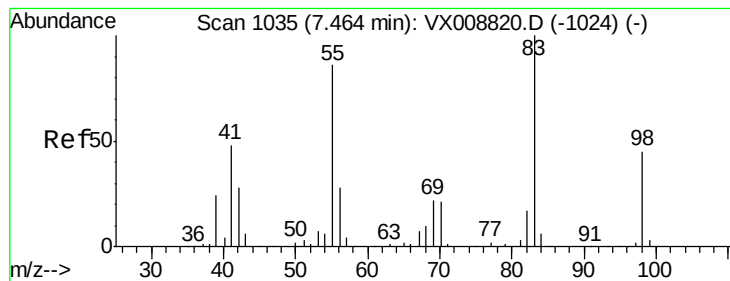


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 18.702 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

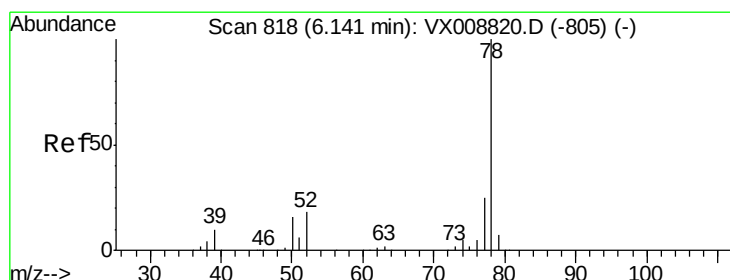
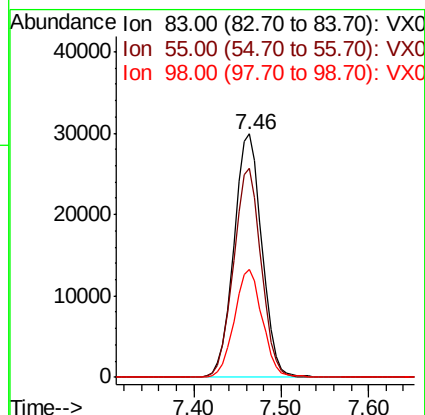
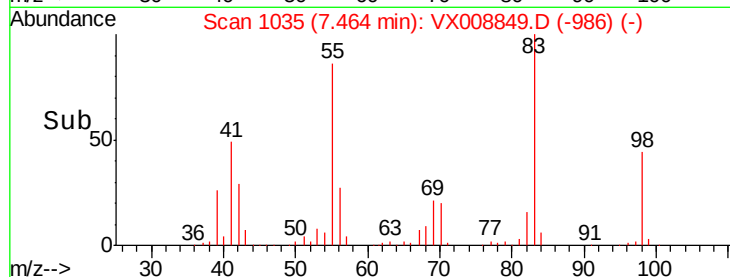
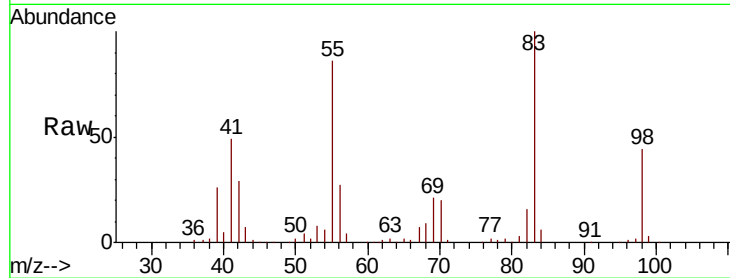
Tgt Ion: 83 Resp: 66575

Ion Ratio Lower Upper

83 100

55 85.7 69.0 103.6

98 44.2 34.4 51.6



#40

Benzene

Concen: 18.869 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008849.D

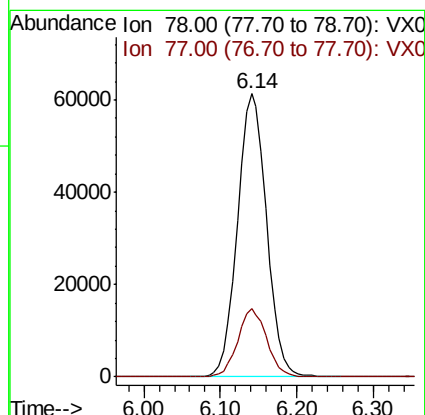
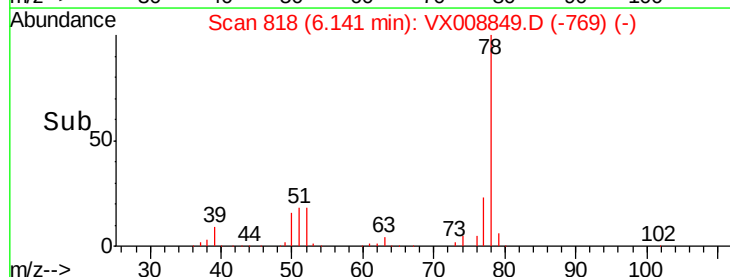
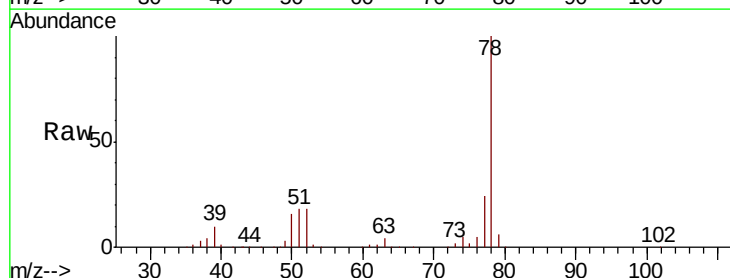
Acq: 11 Apr 2019 14:11

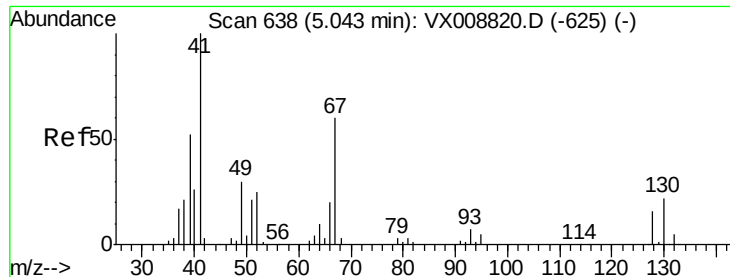
Tgt Ion: 78 Resp: 161986

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

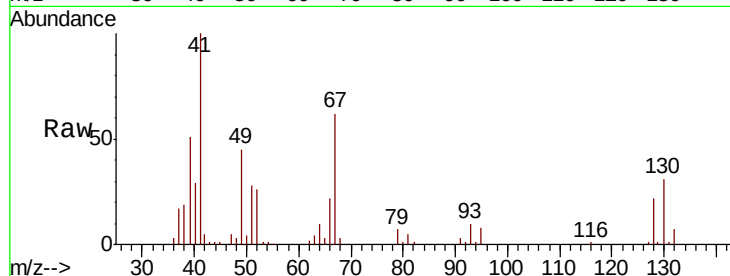




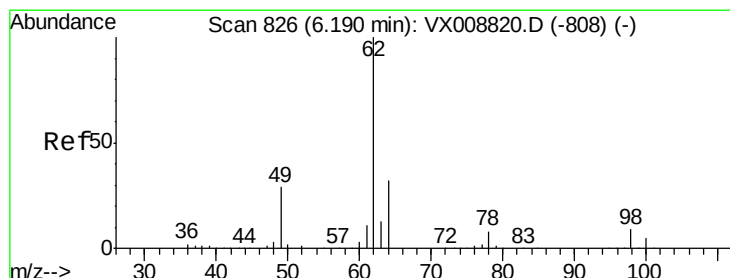
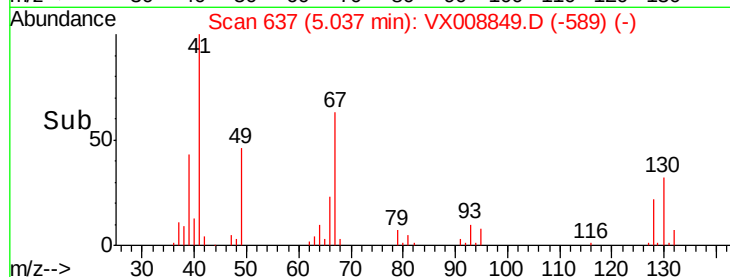
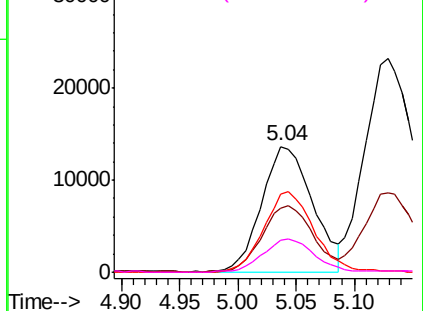
#41
Methacrylonitrile
Concen: 18.538 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampled :
VX0411WBS01

Tgt Ion:	41	Resp:	40985
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.1	63.1
67	64.2	51.0	76.6
52	27.3	21.4	32.0

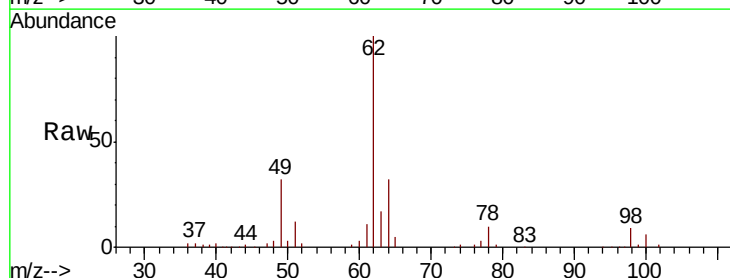


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

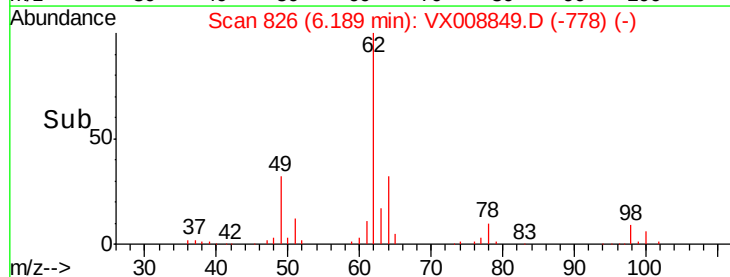
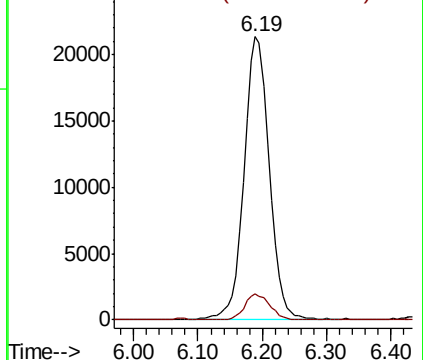


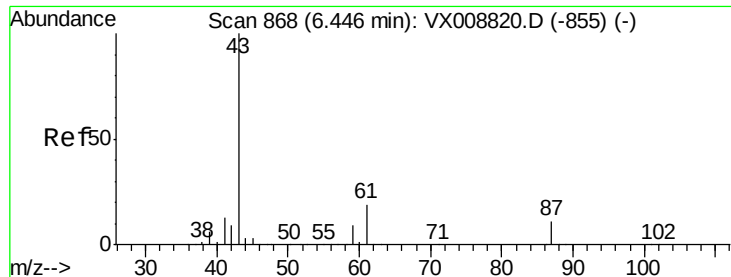
#42
1,2-Dichloroethane
Concen: 18.582 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion:	62	Resp:	57187
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 19.141 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

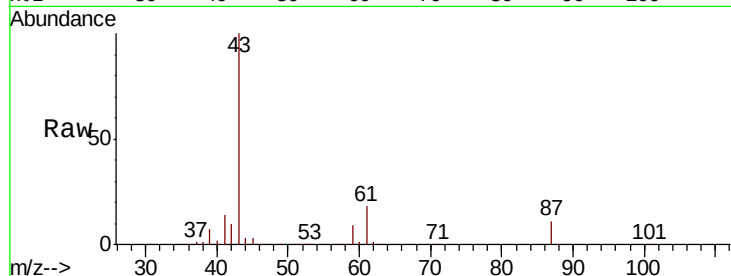
Tgt Ion: 43 Resp: 115332

Ion Ratio Lower Upper

43 100

61 18.9 15.3 22.9

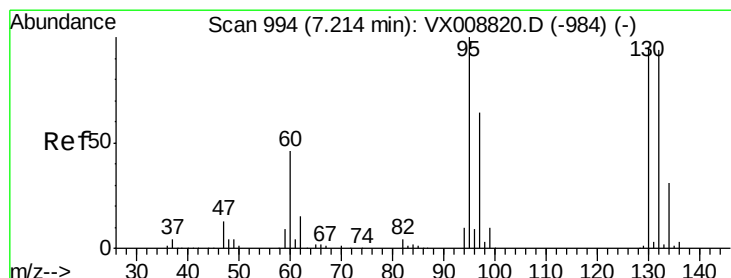
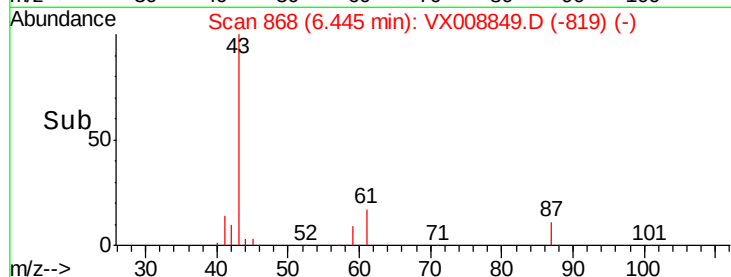
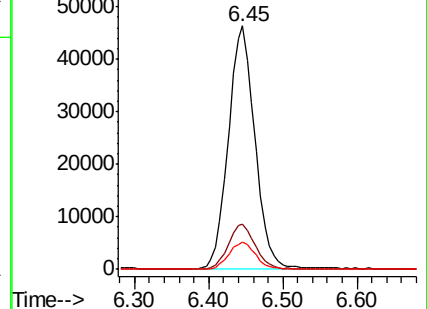
87 11.2 9.0 13.6



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: 18.857 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008849.D

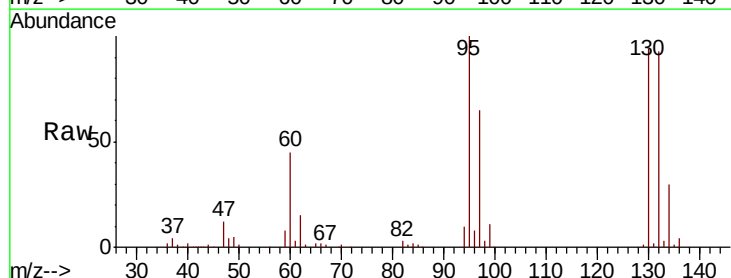
Acq: 11 Apr 2019 14:11

Tgt Ion: 130 Resp: 37704

Ion Ratio Lower Upper

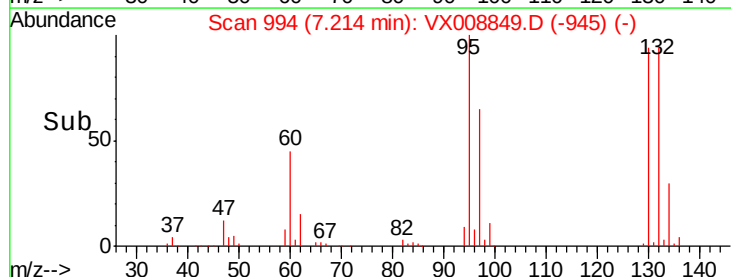
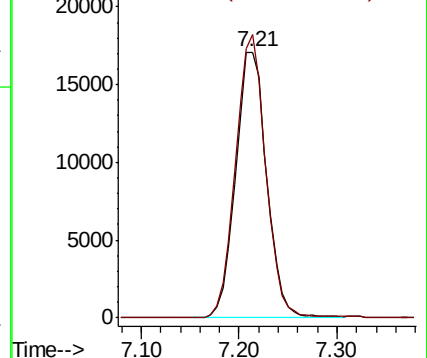
130 100

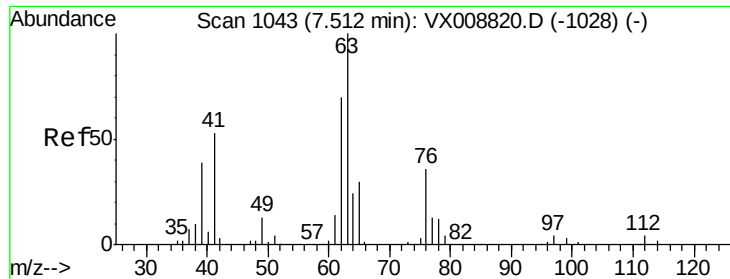
95 106.5 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.569 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

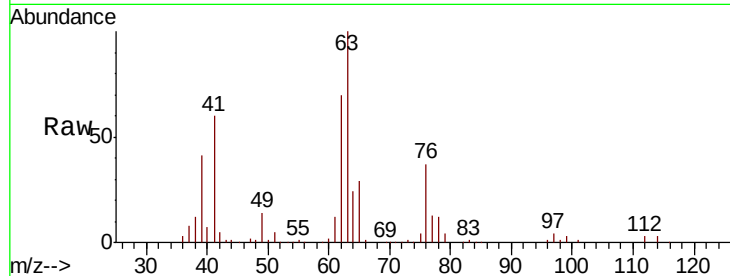
VX0411WBS01

Tgt Ion: 63 Resp: 45500

Ion Ratio Lower Upper

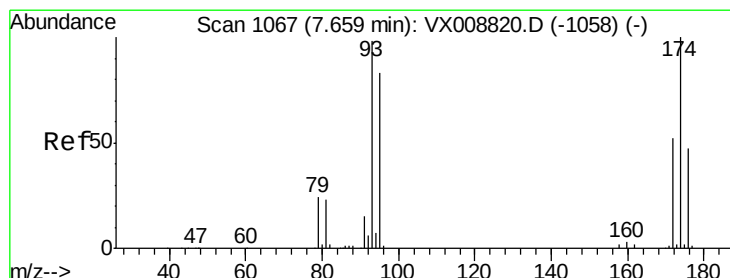
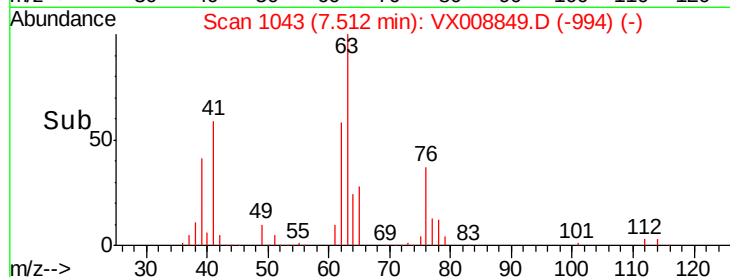
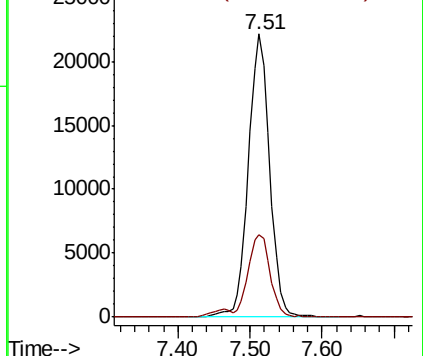
63 100

65 29.2 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.169 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

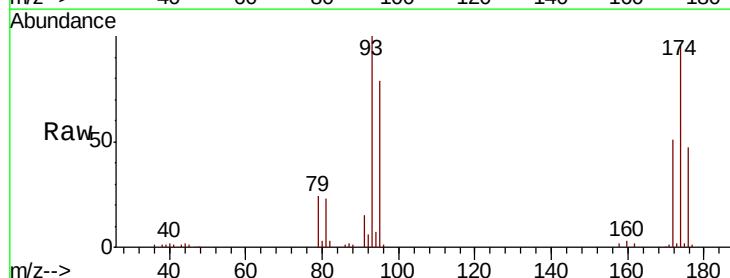
Tgt Ion: 93 Resp: 25821

Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

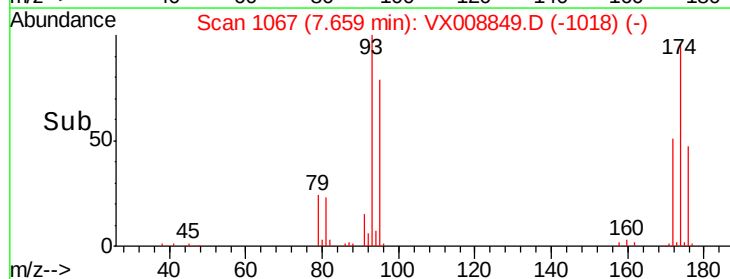
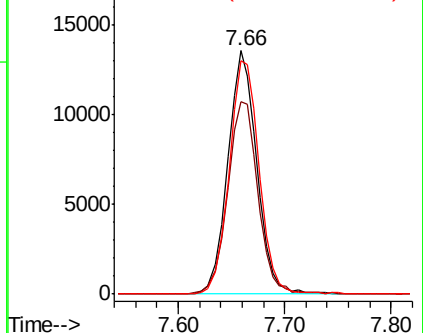
174 99.3 77.7 116.5

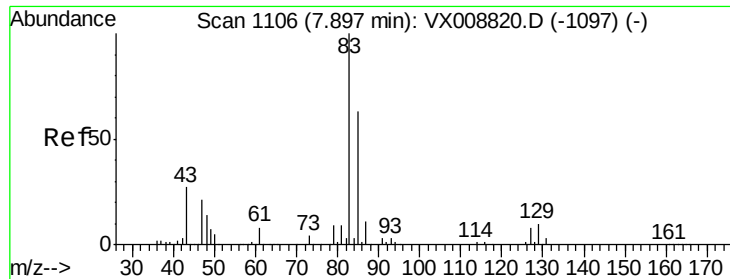


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.488 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

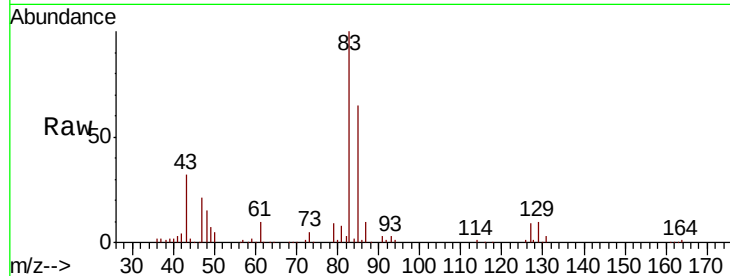
Tgt Ion: 83 Resp: 49538

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

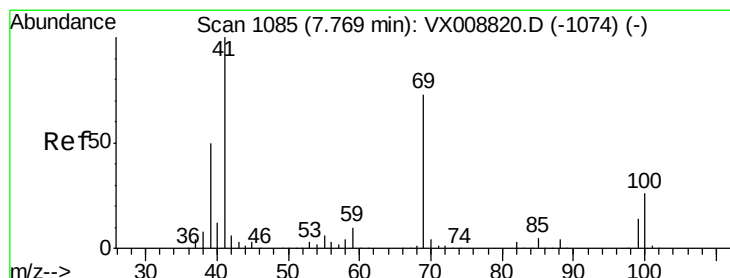
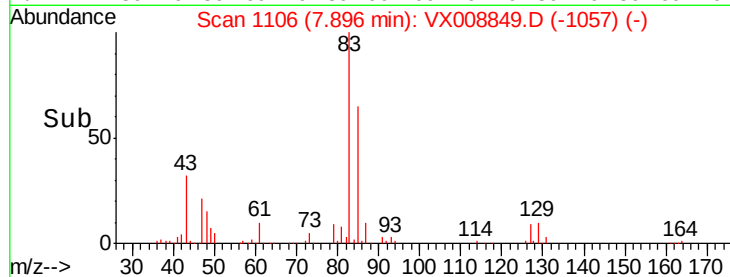
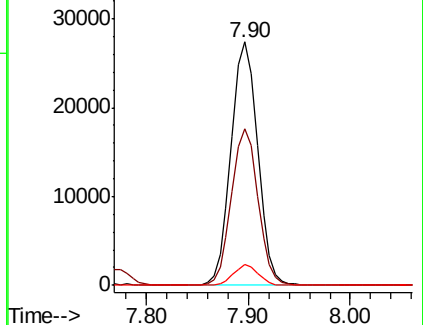
127 8.5 6.6 10.0



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: 19.299 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

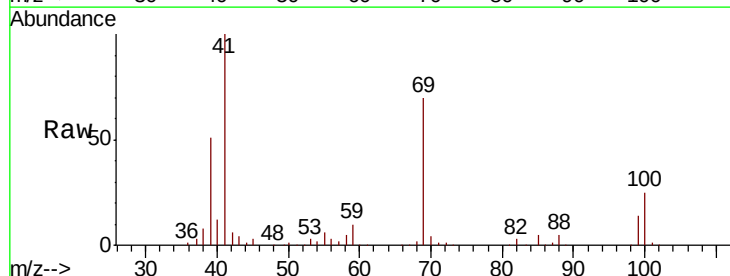
Tgt Ion: 41 Resp: 58821

Ion Ratio Lower Upper

41 100

69 71.5 59.0 88.4

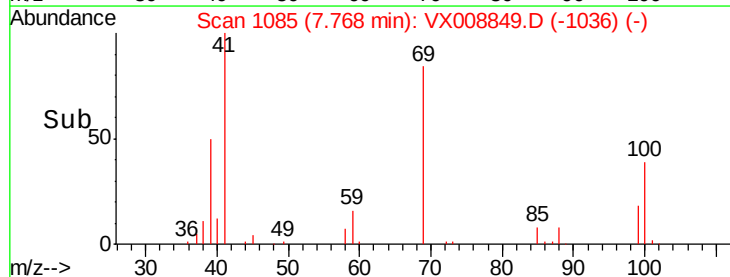
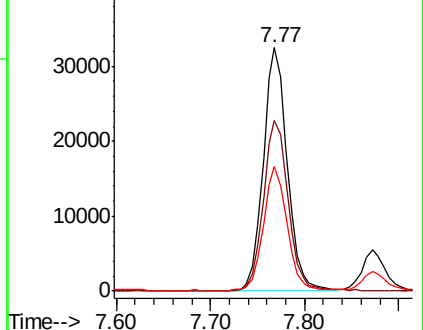
39 49.8 41.0 61.4

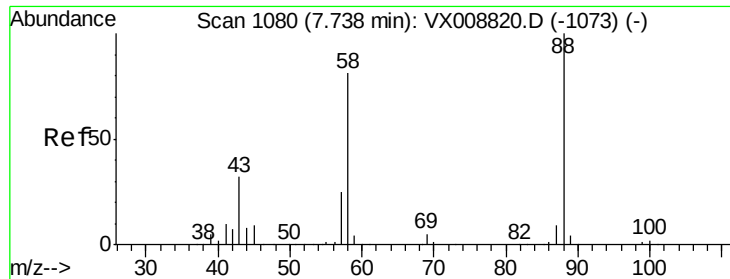


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

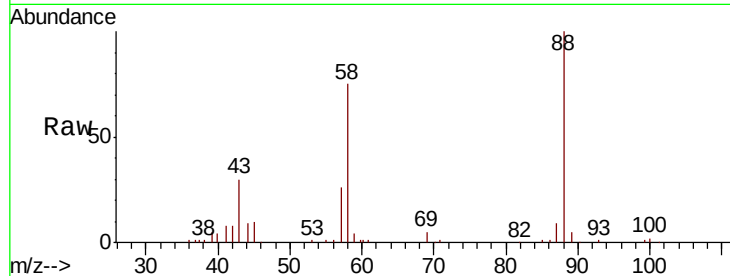




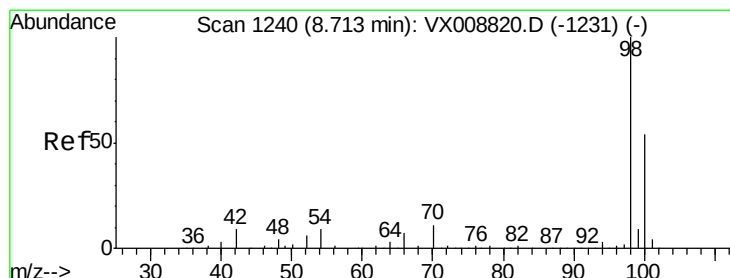
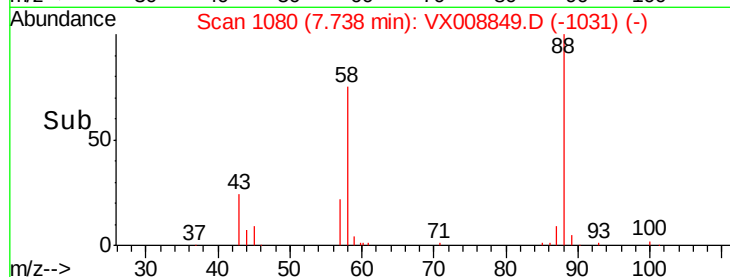
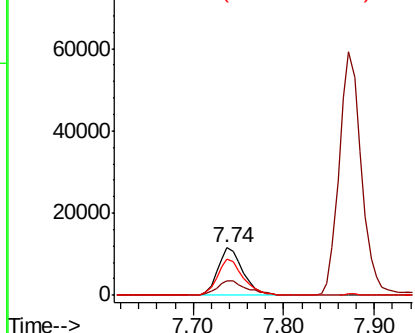
#49
 1,4-Dioxane
 Concen: 394.703 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tgt Ion: 88 Resp: 22536
 Ion Ratio Lower Upper
 88 100
 43 34.5 28.6 43.0
 58 78.0 62.2 93.2

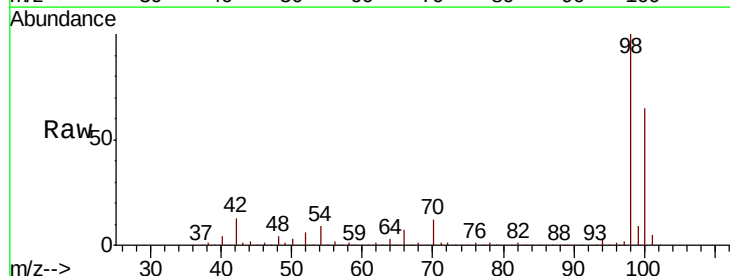


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

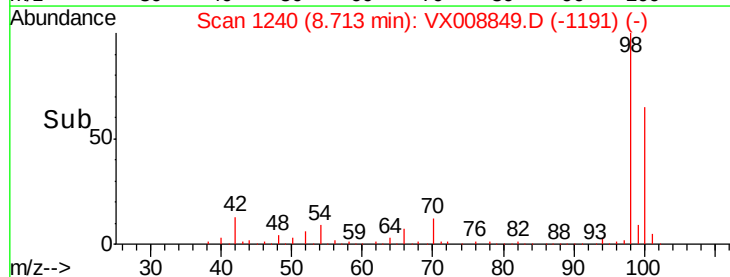
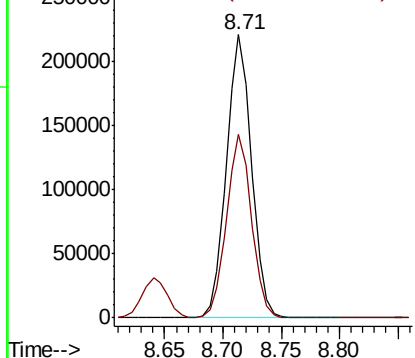


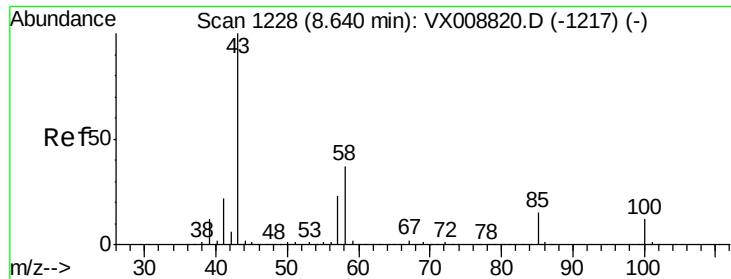
#50
 Toluene-d8
 Concen: 49.165 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion: 98 Resp: 329954
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 99.572 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

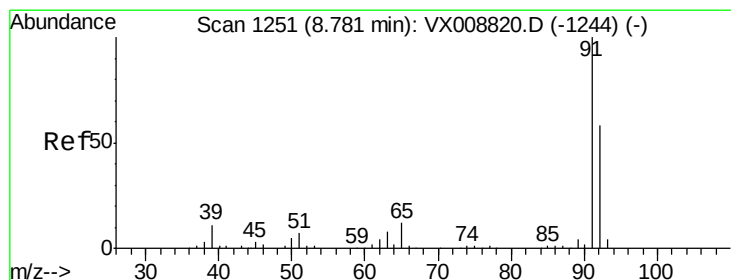
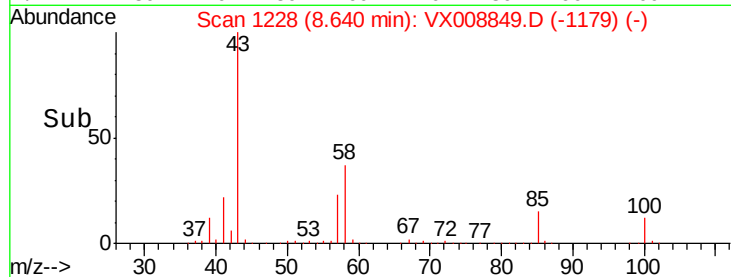
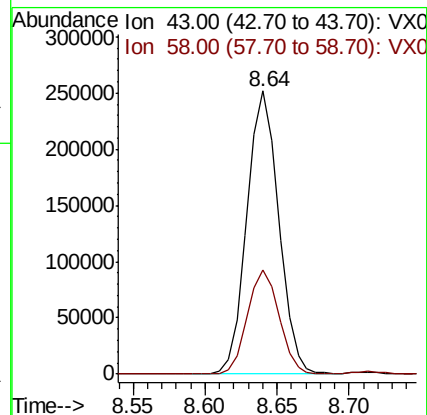
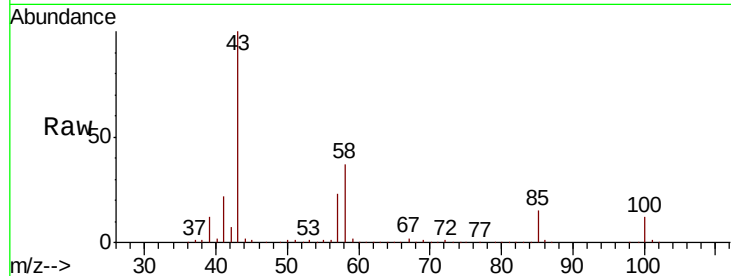
VX0411WBS01

Tgt Ion: 43 Resp: 386213

Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3



#52

Toluene

Concen: 19.359 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008849.D

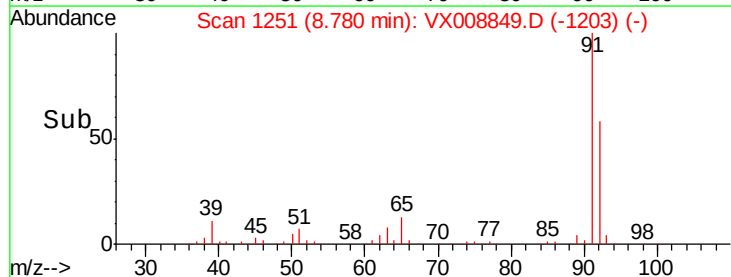
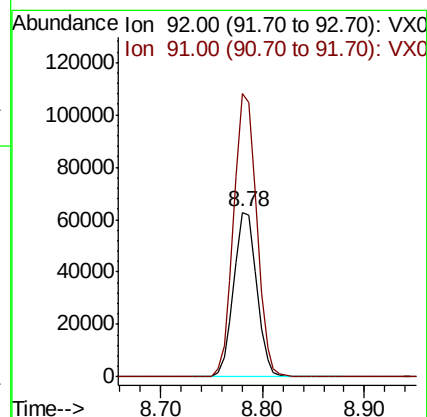
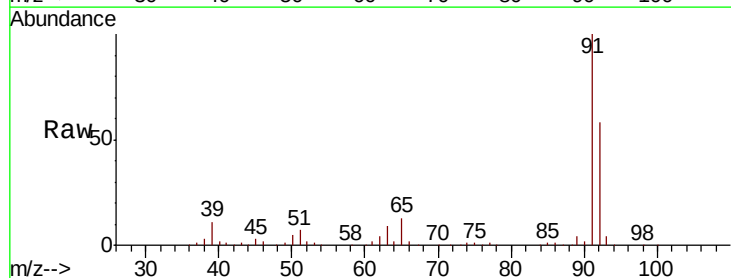
Acq: 11 Apr 2019 14:11

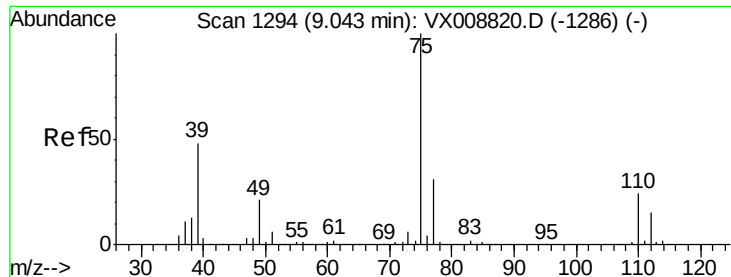
Tgt Ion: 92 Resp: 97980

Ion Ratio Lower Upper

92 100

91 172.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 18.895 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

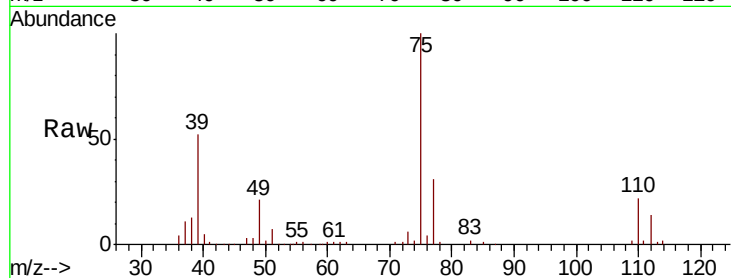
VX0411WBS01

Tgt Ion: 75 Resp: 56714

Ion Ratio Lower Upper

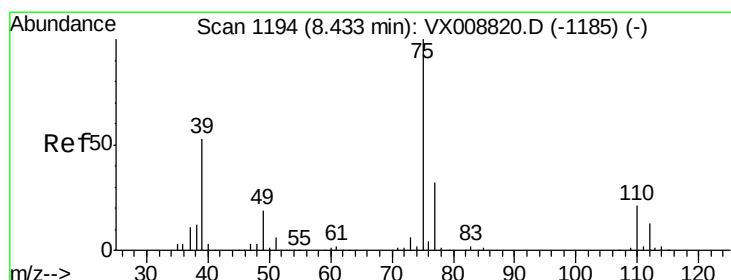
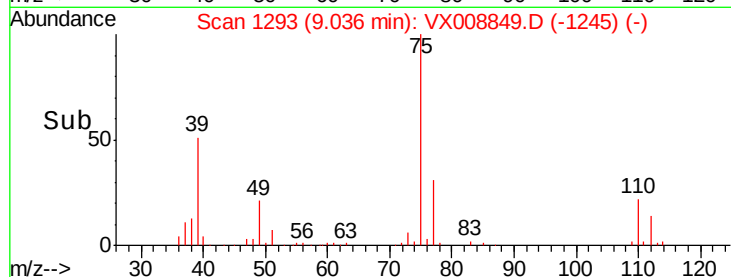
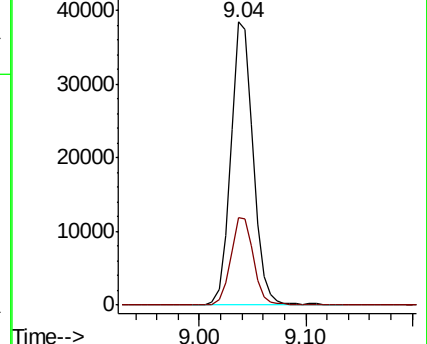
75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.532 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

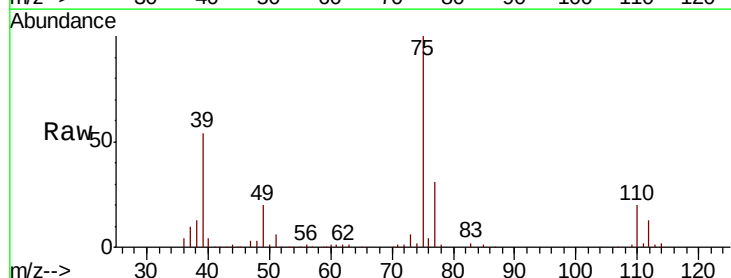
Tgt Ion: 75 Resp: 63558

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

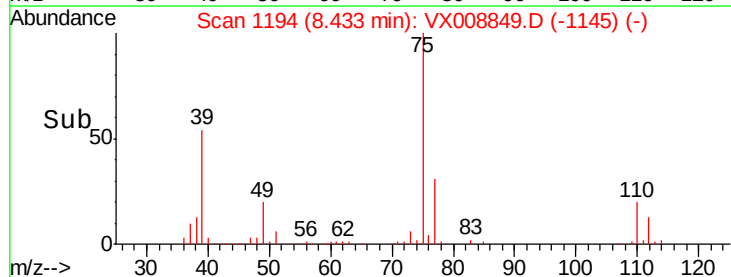
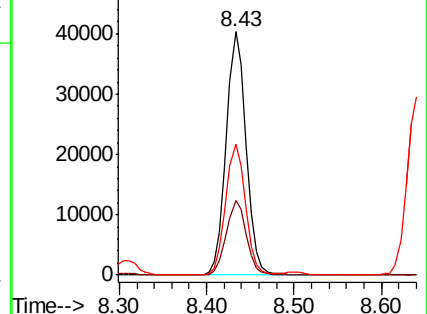
39 53.7 42.6 63.8

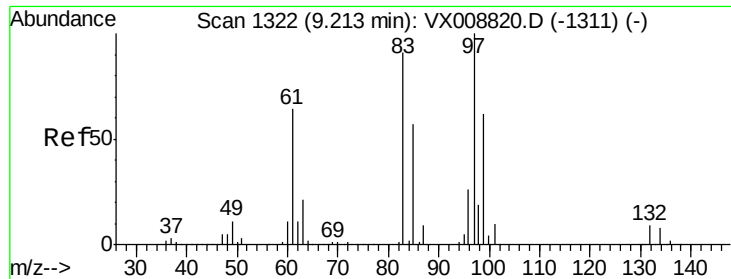


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

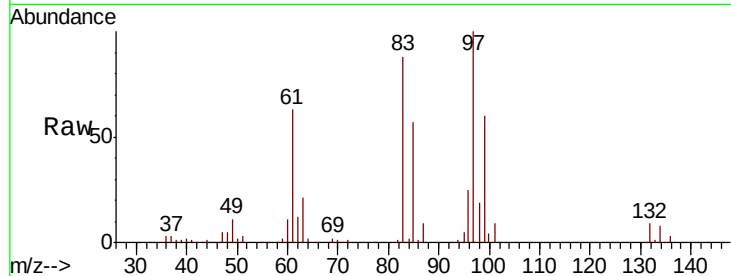




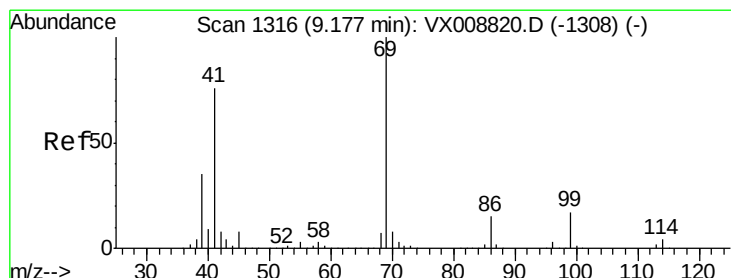
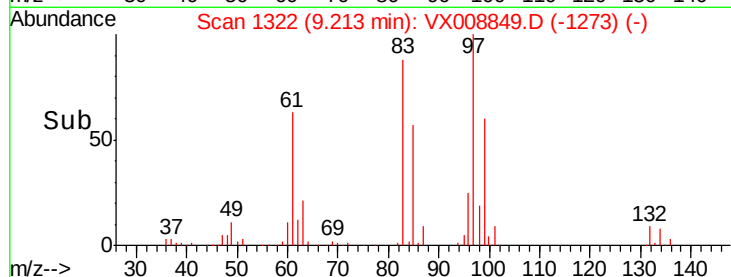
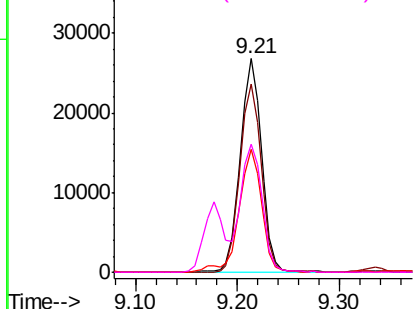
#55
 1,1,2-Trichloroethane
 Concen: 19.082 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tgt Ion: 97 Resp: 38766
 Ion Ratio Lower Upper
 97 100
 83 88.0 73.2 109.8
 85 57.5 46.6 69.8
 99 59.8 50.1 75.1

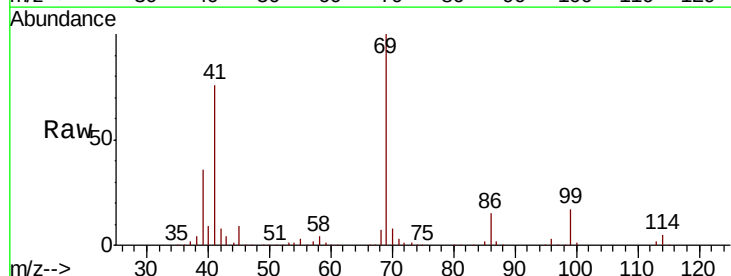


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

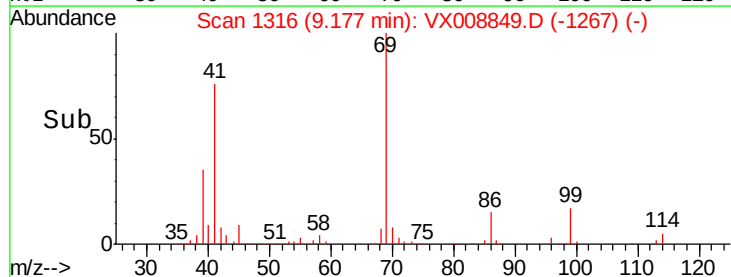
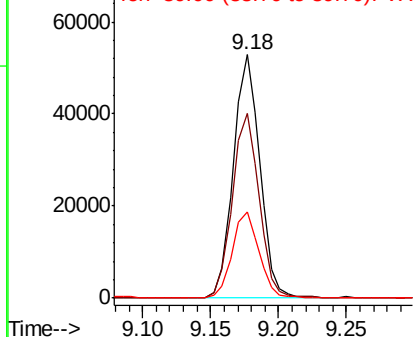


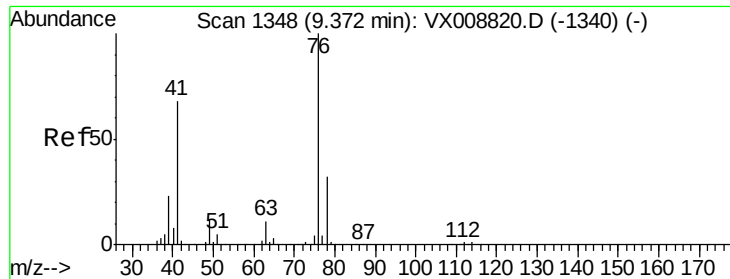
#56
 Ethyl methacrylate
 Concen: 19.503 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion: 69 Resp: 71689
 Ion Ratio Lower Upper
 69 100
 41 76.8 60.1 90.1
 39 35.8 28.9 43.3



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

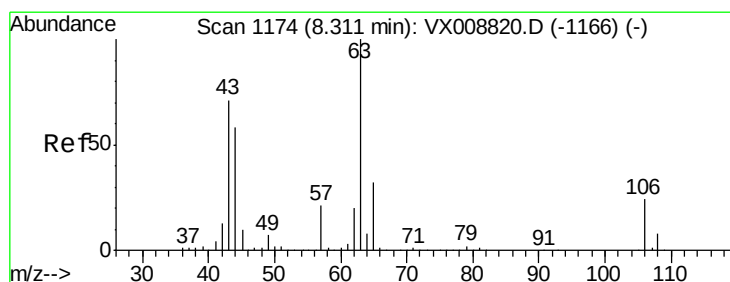
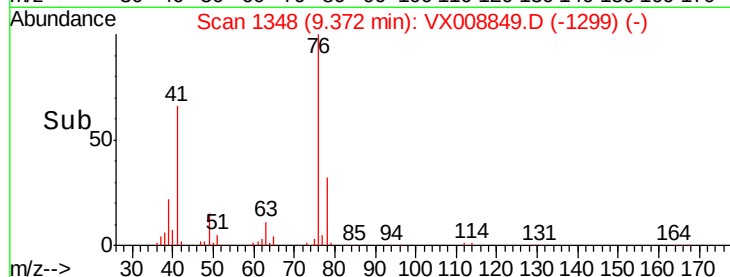
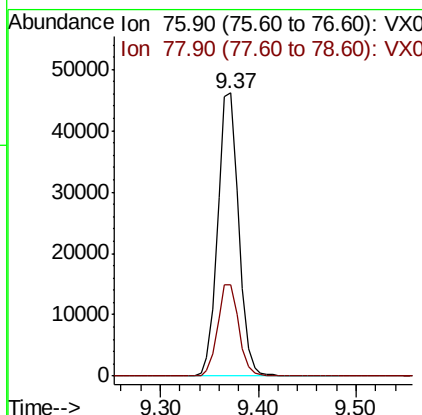
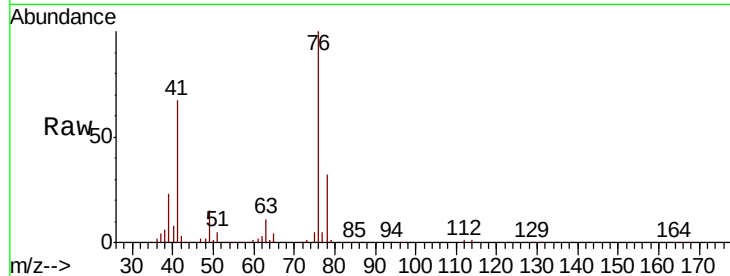




#57
 1,3-Dichloropropane
 Concen: 18.790 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

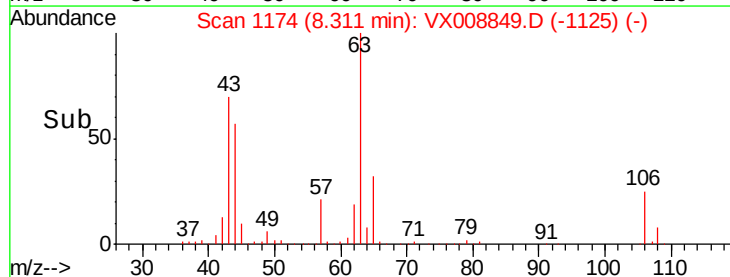
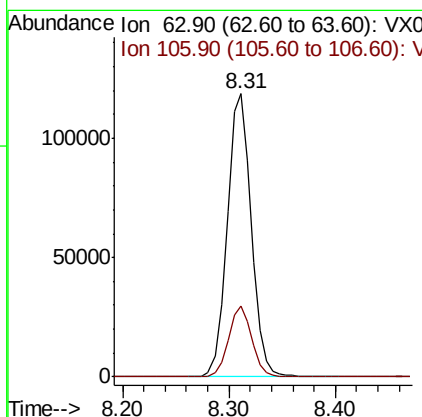
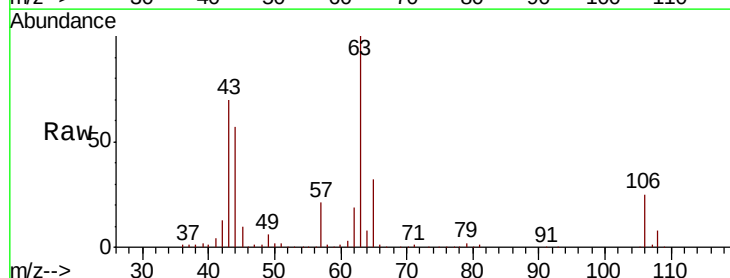
Instrument :
 MSVOA_X
 ClientSampled :
 VX0411WBS01

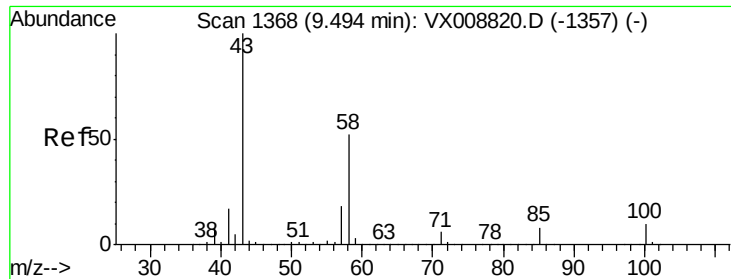
Tgt Ion: 76 Resp: 68546
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.883 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion: 63 Resp: 187471
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.0 28.6

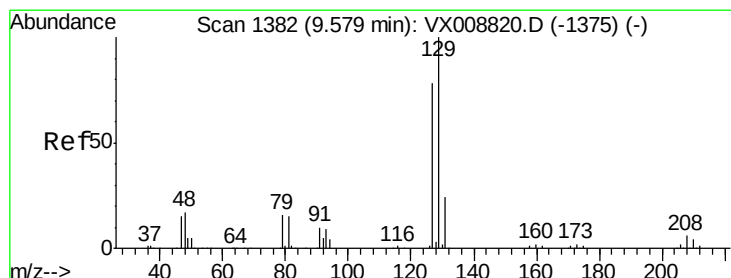
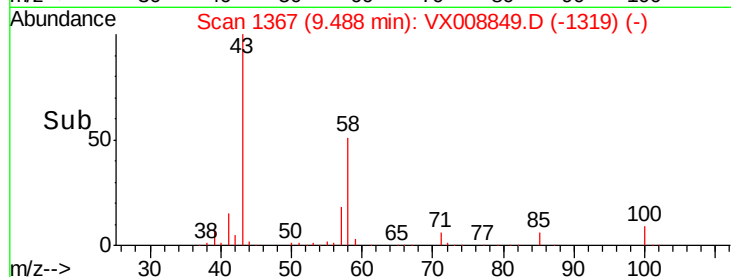
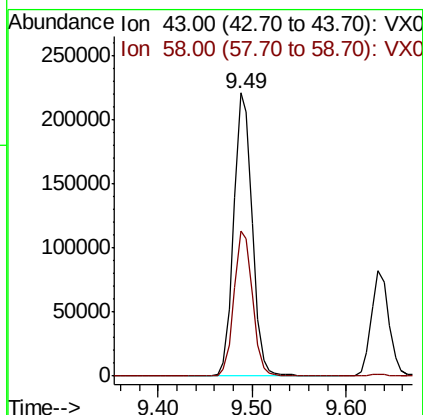
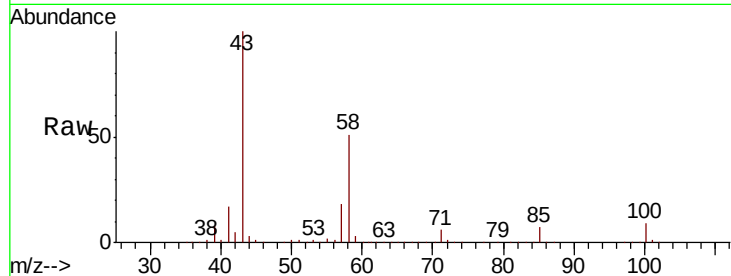




#59
2-Hexanone
Concen: 99.242 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

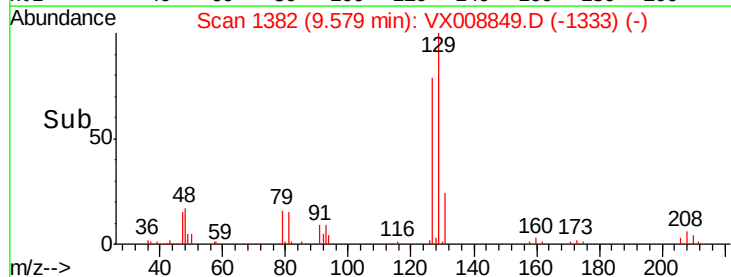
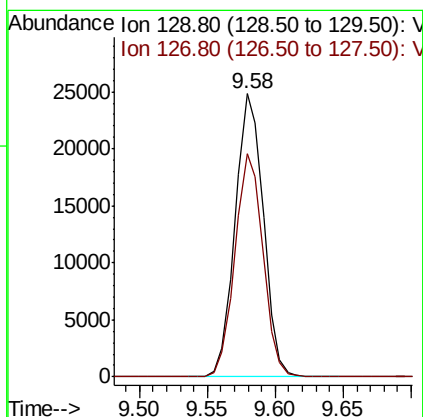
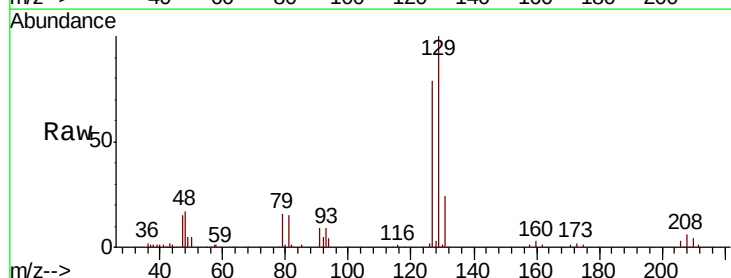
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

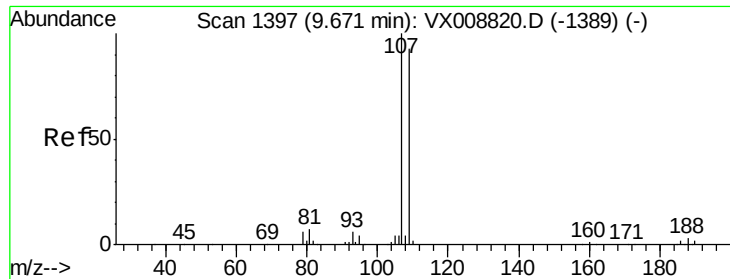
Tgt Ion: 43 Resp: 299148
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 18.750 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 129 Resp: 35894
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.442 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

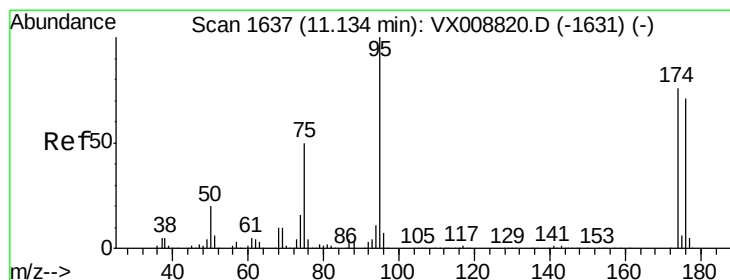
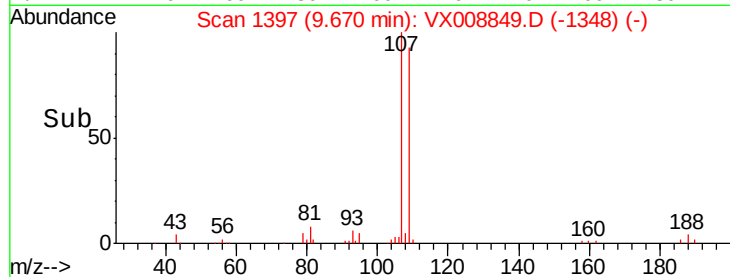
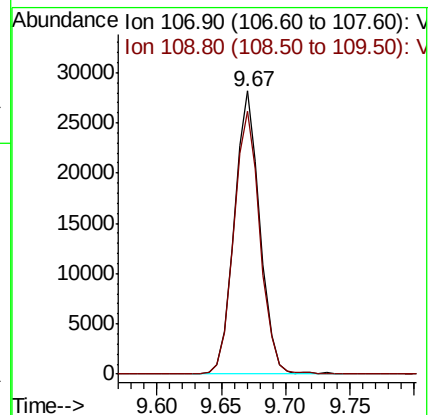
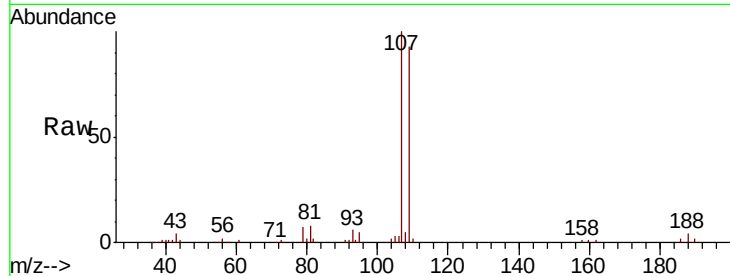
VX0411WBS01

Tgt Ion: 107 Resp: 39004

Ion Ratio Lower Upper

107 100

109 95.4 74.1 111.1



#62

4-Bromofluorobenzene

Concen: 50.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

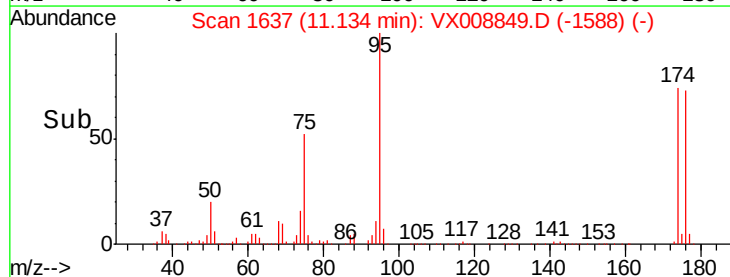
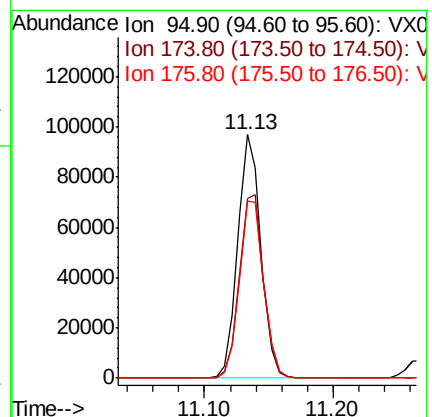
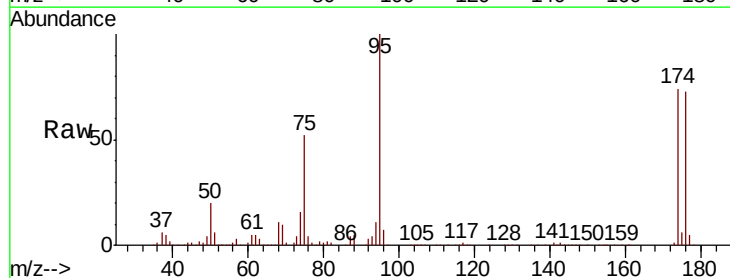
Tgt Ion: 95 Resp: 121237

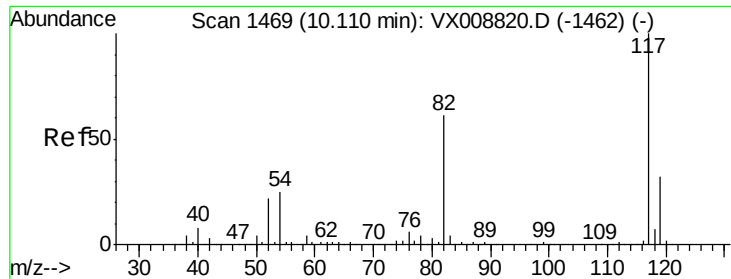
Ion Ratio Lower Upper

95 100

174 78.6 0.0 151.8

176 76.5 0.0 145.8

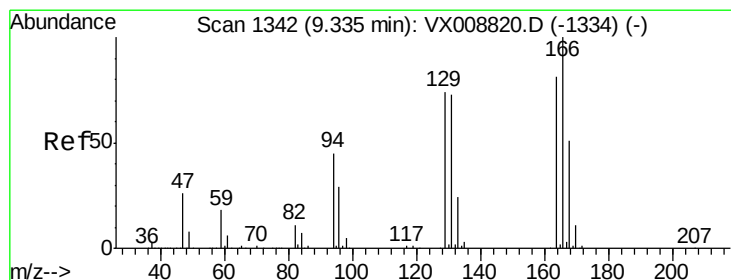
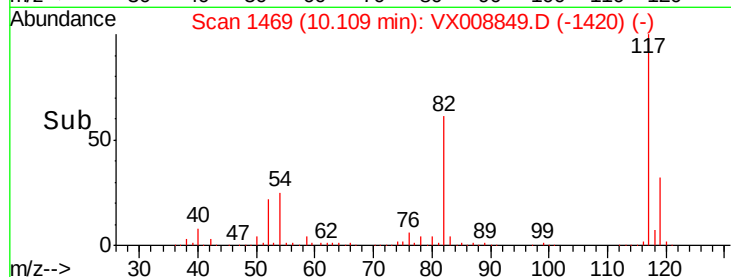
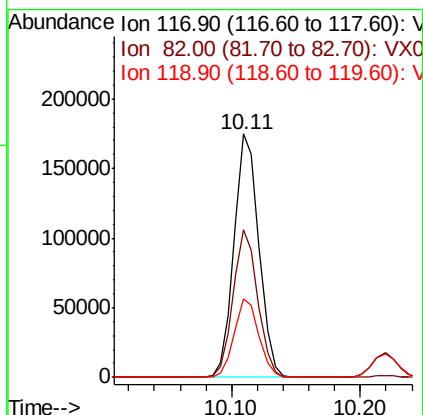
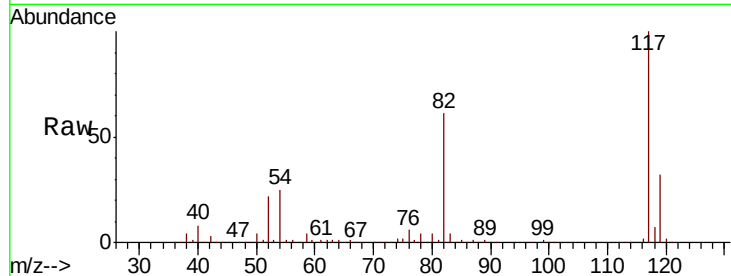




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

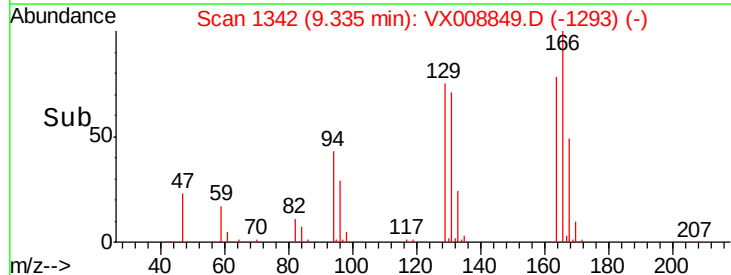
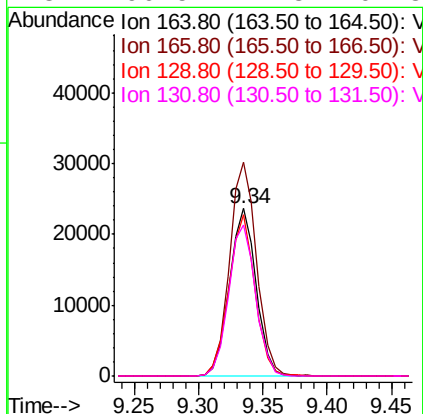
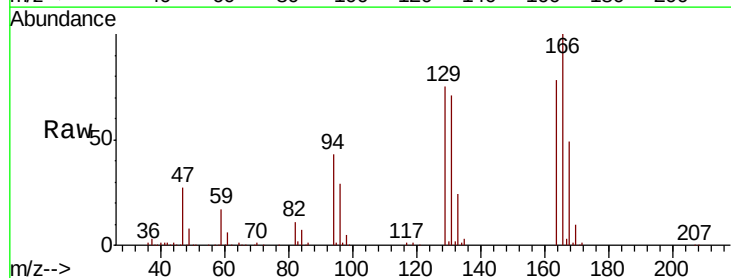
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

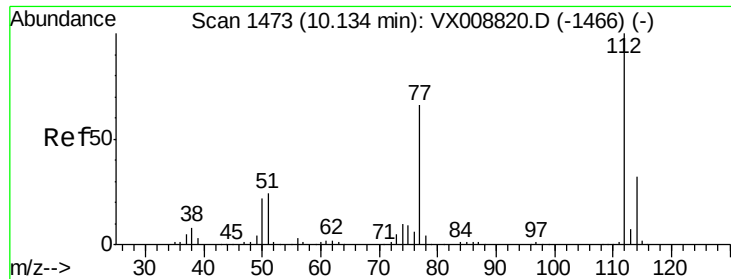
Tgt Ion:117 Resp: 235560
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 19.691 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion:164 Resp: 34366
Ion Ratio Lower Upper
164 100
166 127.5 101.0 151.6
129 96.1 75.8 113.8
131 90.5 71.8 107.8

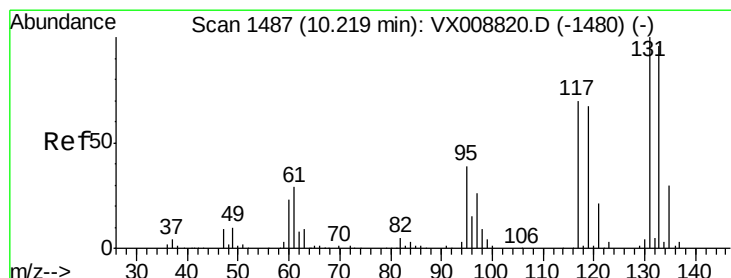
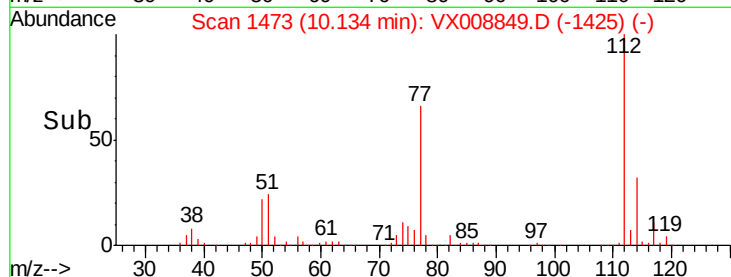
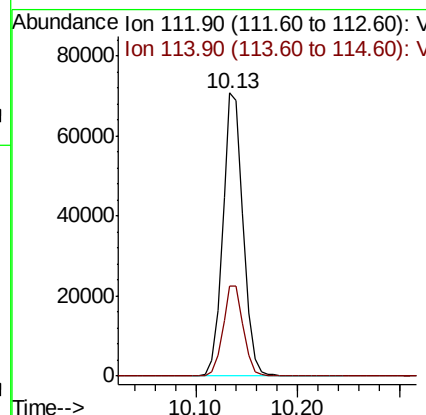
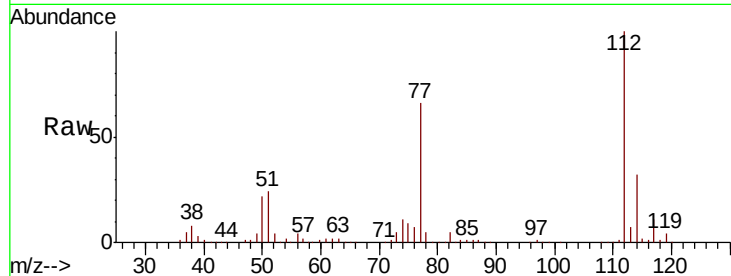




#65
Chlorobenzene
Concen: 18.813 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

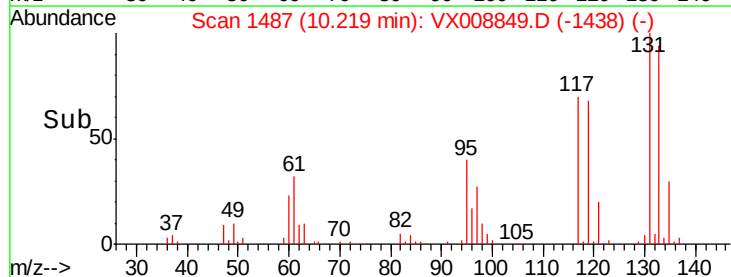
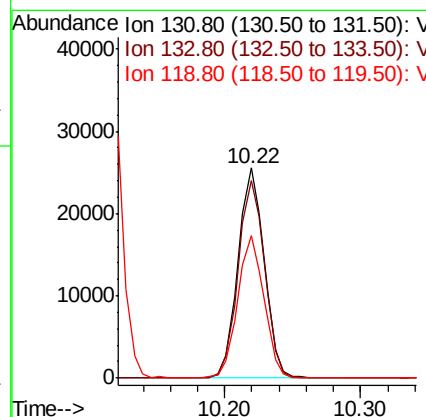
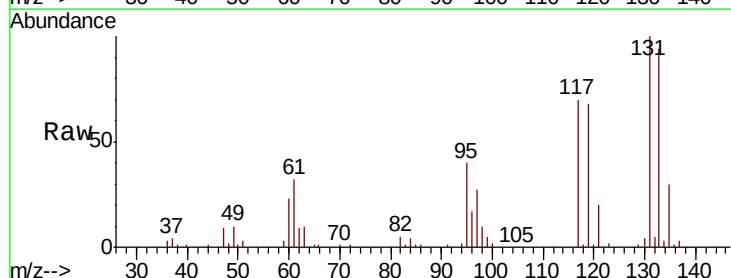
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

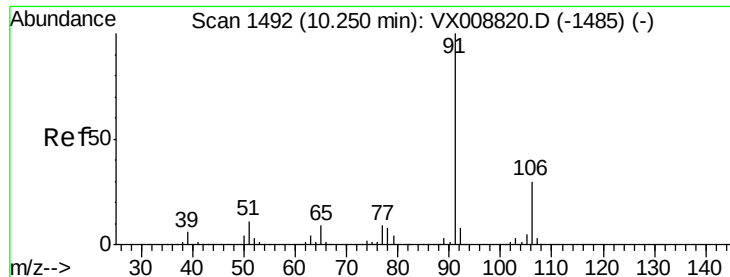
Tgt Ion:112 Resp: 98233
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.789 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion:131 Resp: 34419
Ion Ratio Lower Upper
131 100
133 94.7 47.0 141.2
119 67.7 33.7 101.0





#67

Ethyl Benzene

Concen: 19.041 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

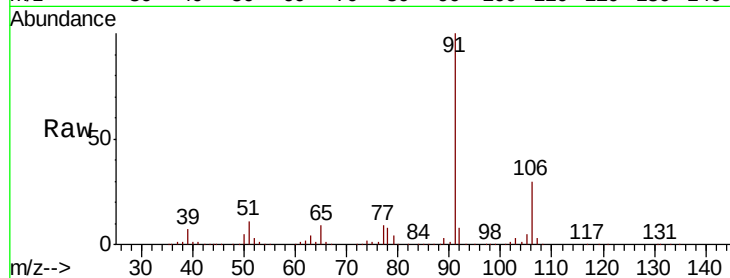
VX0411WBS01

Tgt Ion: 91 Resp: 185398

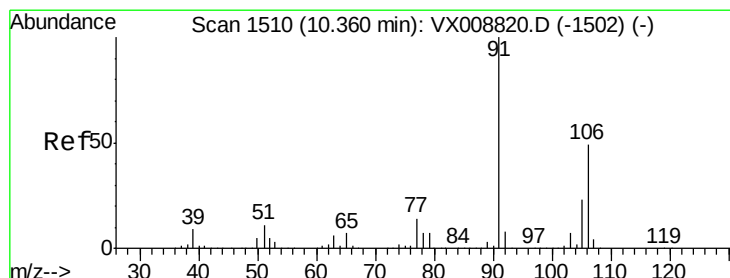
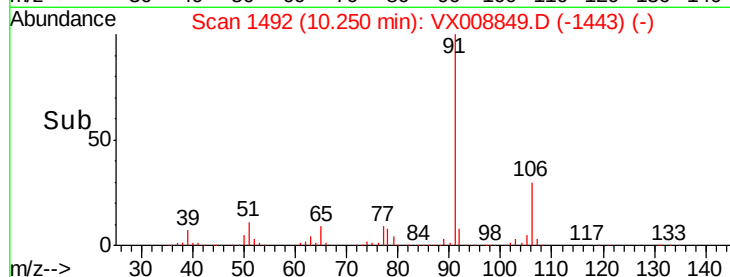
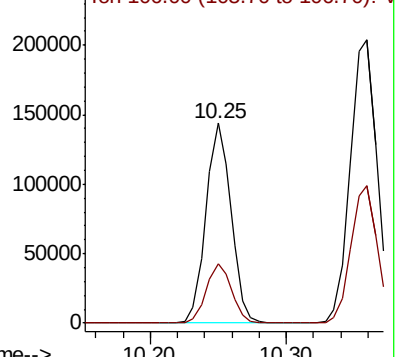
Ion Ratio Lower Upper

91 100

106 29.8 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1485) (-)



#68

m/p-Xylenes

Concen: 38.305 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008849.D

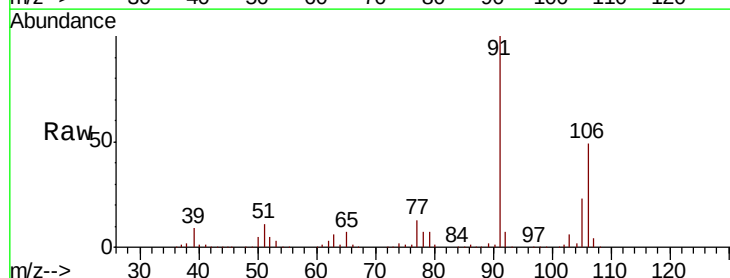
Acq: 11 Apr 2019 14:11

Tgt Ion: 106 Resp: 134099

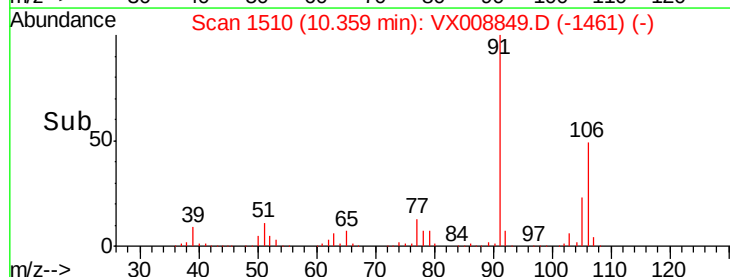
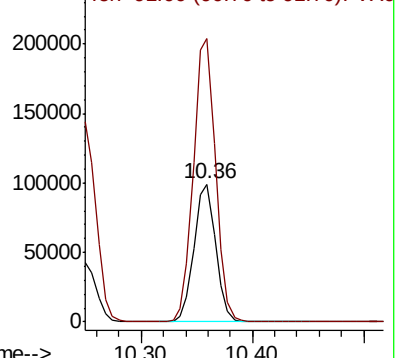
Ion Ratio Lower Upper

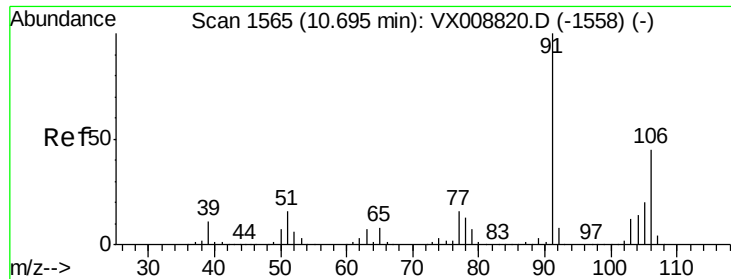
106 100

91 209.1 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): VX008820.D (-1502) (-)

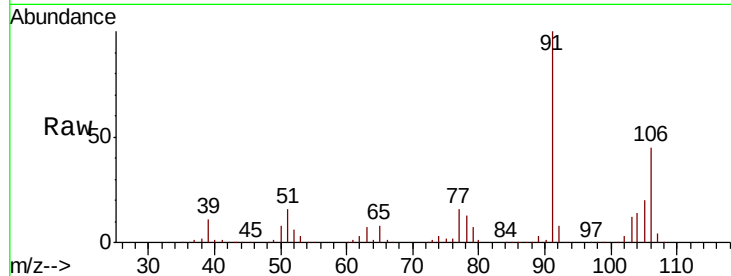




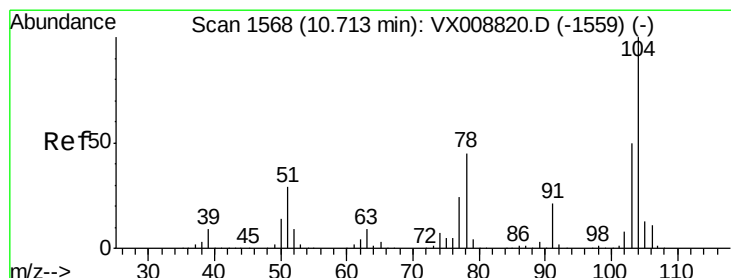
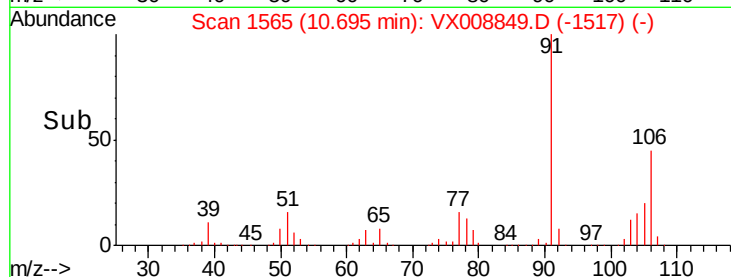
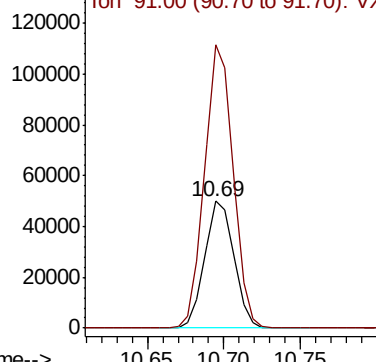
#69
o-Xylene
Concen: 19.533 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion:106 Resp: 66270
Ion Ratio Lower Upper
106 100
91 218.5 111.5 334.4

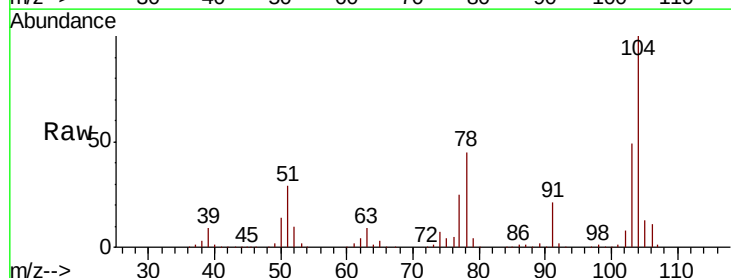


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

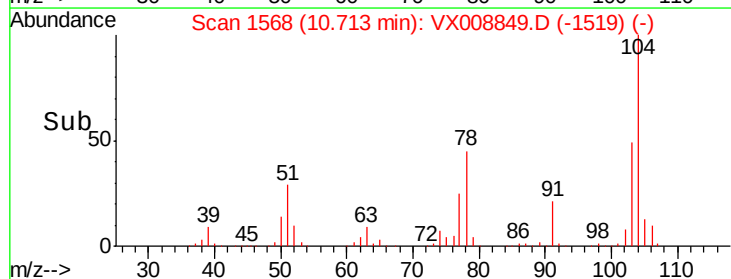
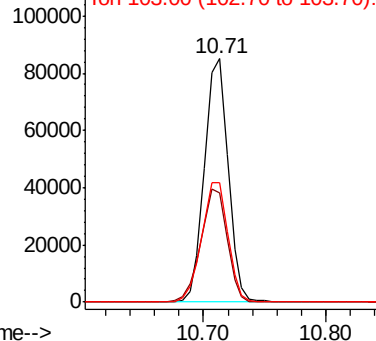


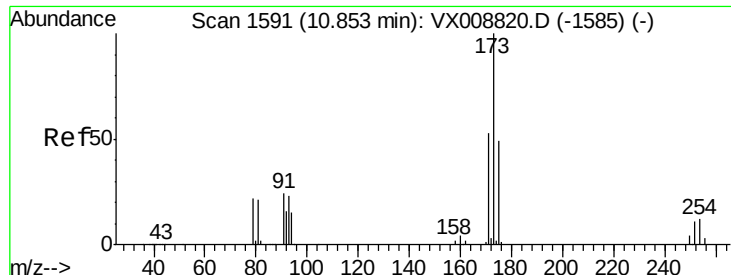
#70
Styrene
Concen: 19.463 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion:104 Resp: 113821
Ion Ratio Lower Upper
104 100
78 51.9 42.3 63.5
103 54.7 44.4 66.6



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: 18.818 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0411WBS01

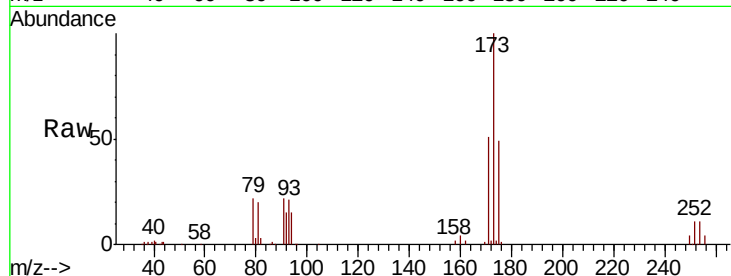
Tgt Ion:173 Resp: 26327

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

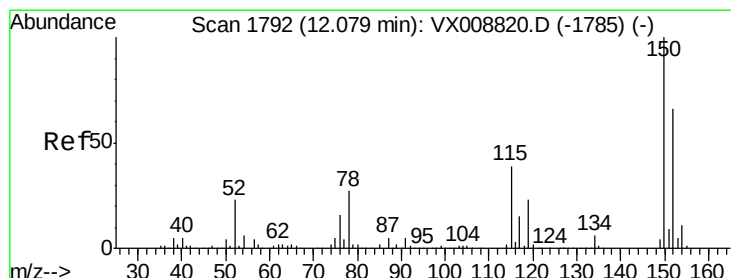
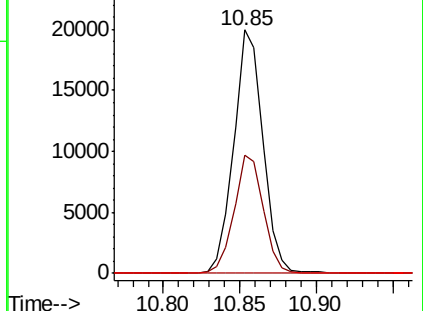
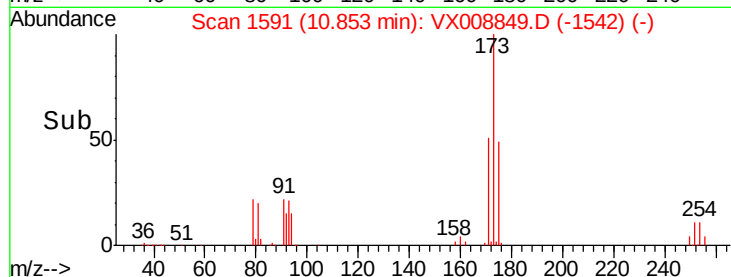
254 0.0 0.1 0.1#



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: VX008849.D

Acq: 11 Apr 2019 14:11

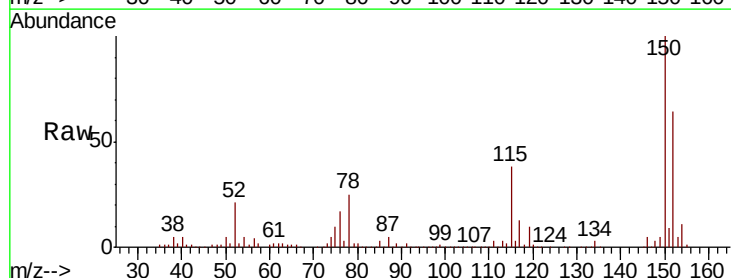
Tgt Ion:152 Resp: 112184

Ion Ratio Lower Upper

152 100

115 68.6 43.5 130.5

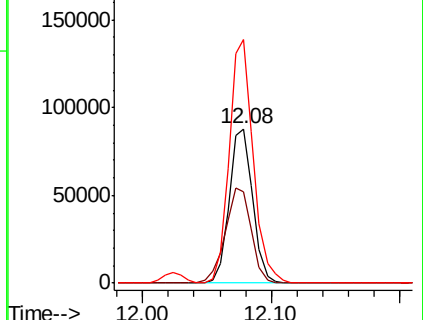
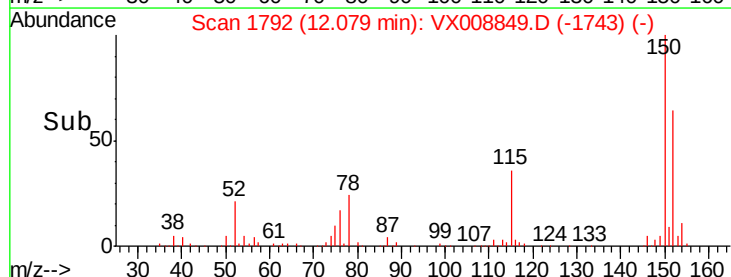
150 161.3 0.0 348.8

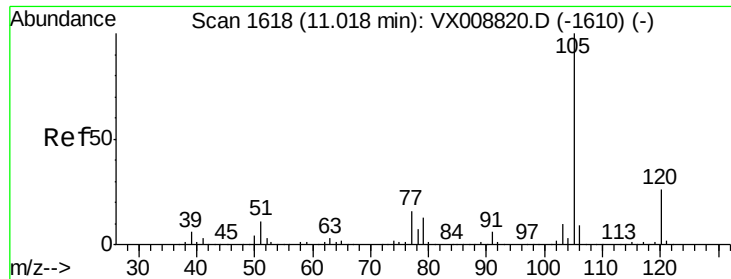


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

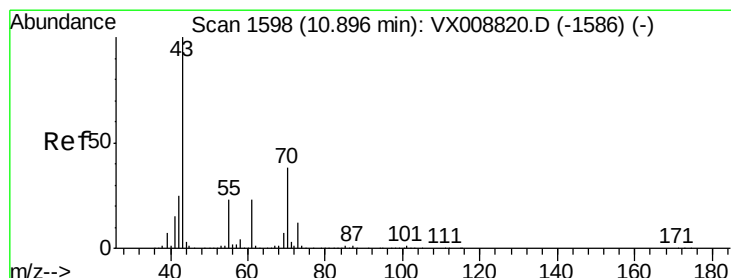
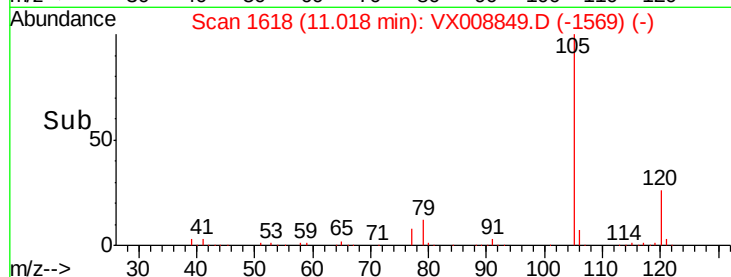
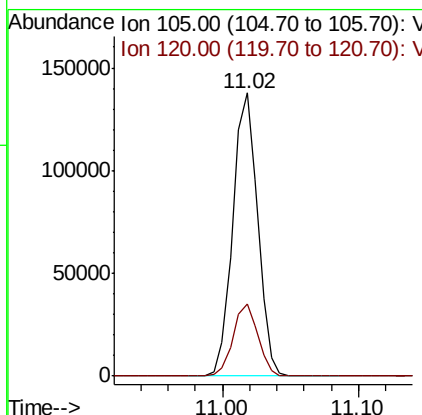
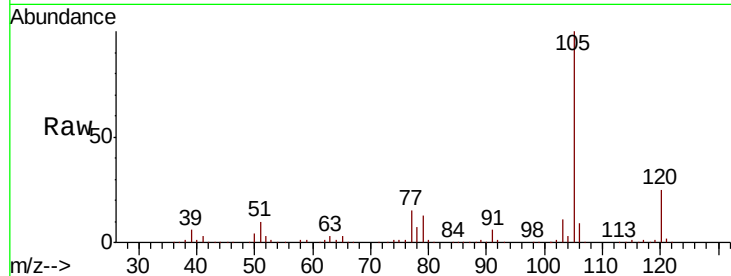




#73
Isopropylbenzene
Concen: 18.818 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

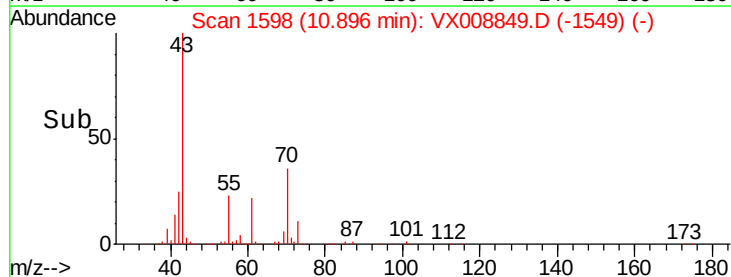
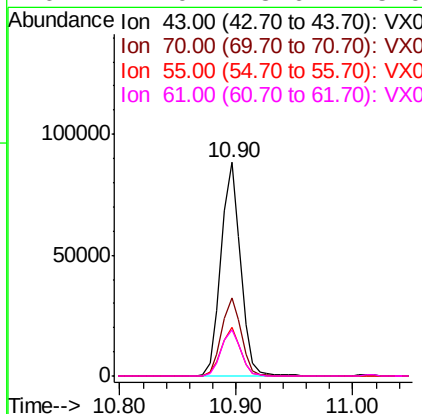
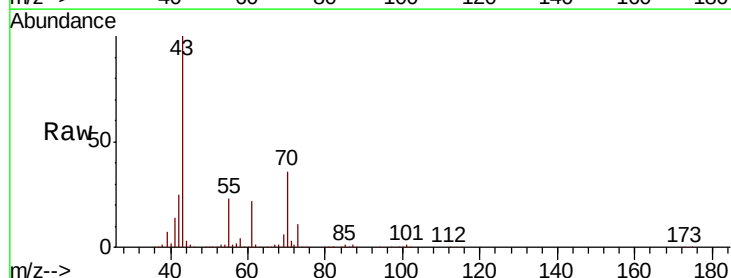
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

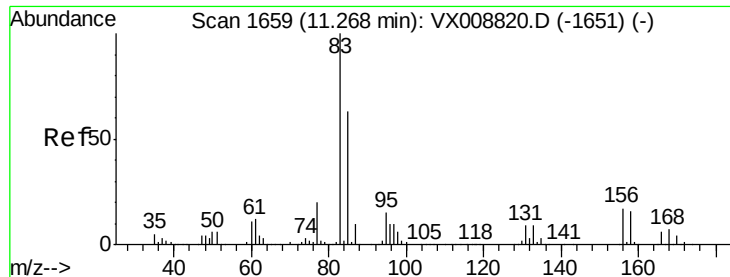
Tgt Ion: 105 Resp: 174954
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6



#74
N-ethyl acetate
Concen: 18.597 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 43 Resp: 101722
Ion Ratio Lower Upper
43 100
70 37.2 30.2 45.4
55 22.7 18.2 27.4
61 22.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.839 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

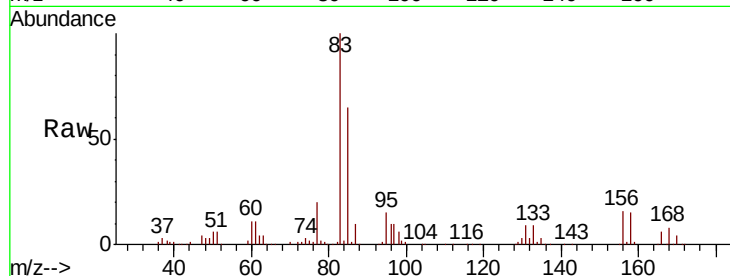
Tgt Ion: 83 Resp: 63075

Ion Ratio Lower Upper

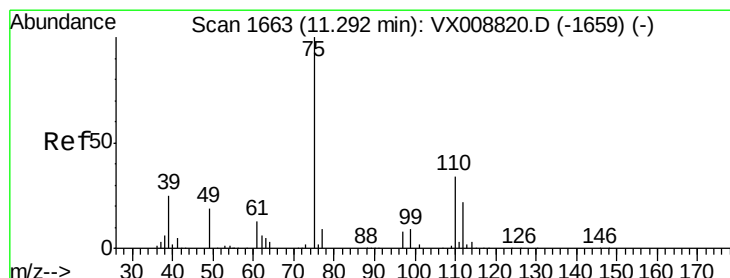
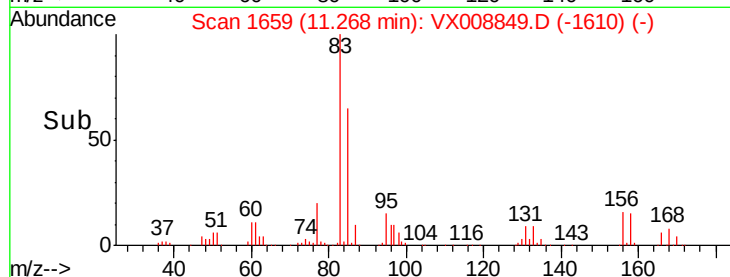
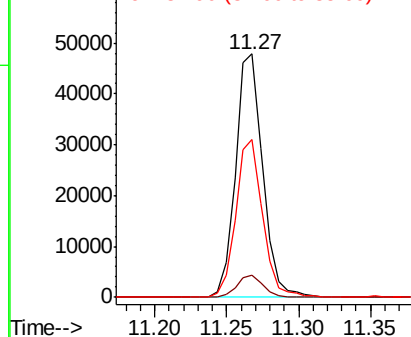
83 100

131 8.8 4.5 13.7

85 64.3 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 23.857 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008849.D

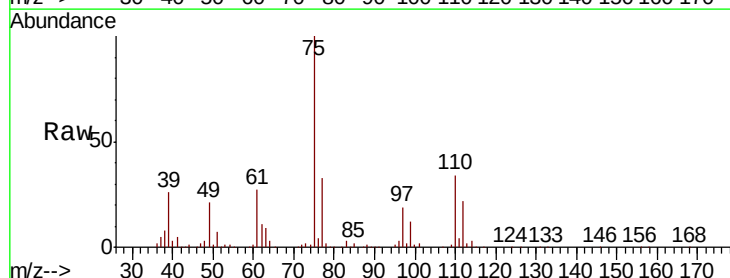
Acq: 11 Apr 2019 14:11

Tgt Ion: 75 Resp: 73524

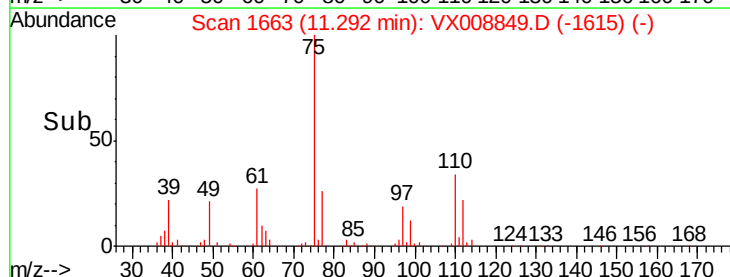
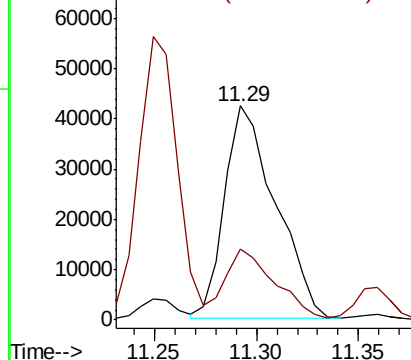
Ion Ratio Lower Upper

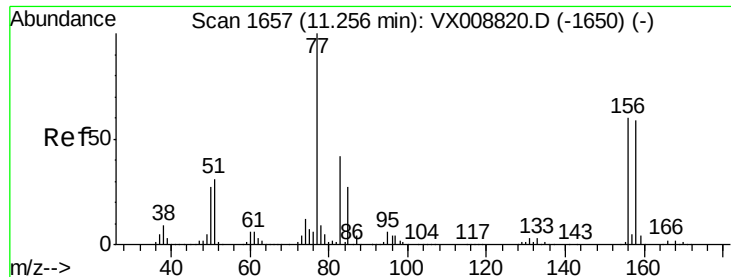
75 100

77 32.4 22.3 66.8



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





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

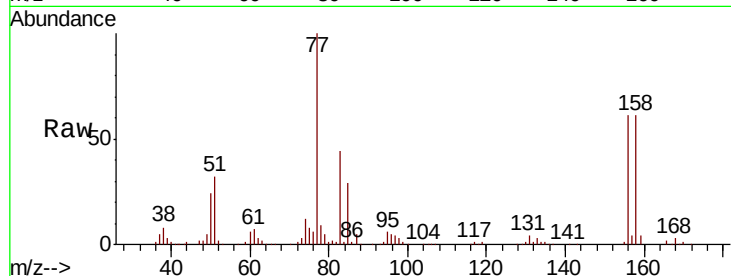
Tgt Ion:156 Resp: 41842

Ion Ratio Lower Upper

156 100

77 176.4 89.8 269.6

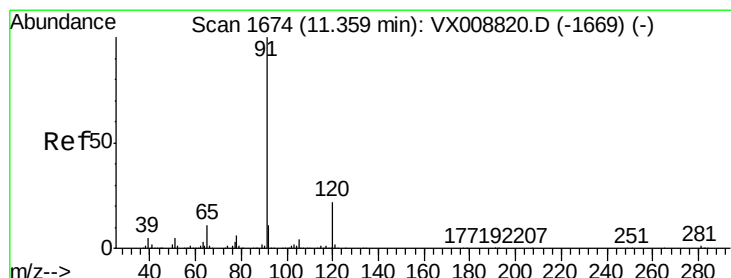
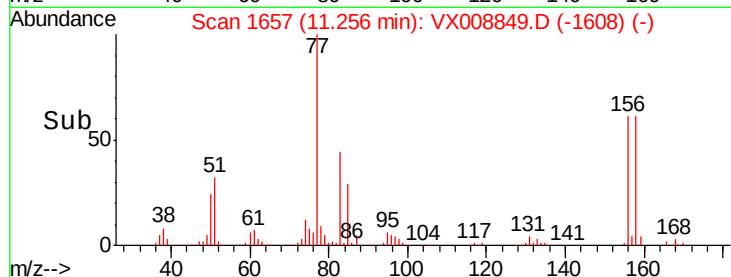
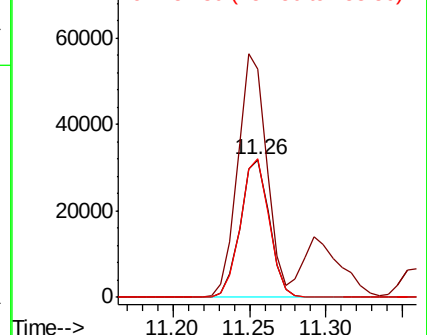
158 99.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.680 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008849.D

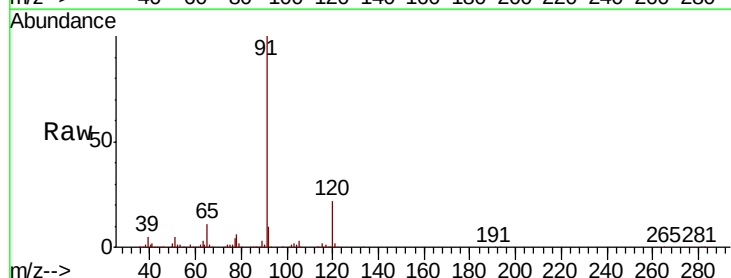
Acq: 11 Apr 2019 14:11

Tgt Ion: 91 Resp: 202214

Ion Ratio Lower Upper

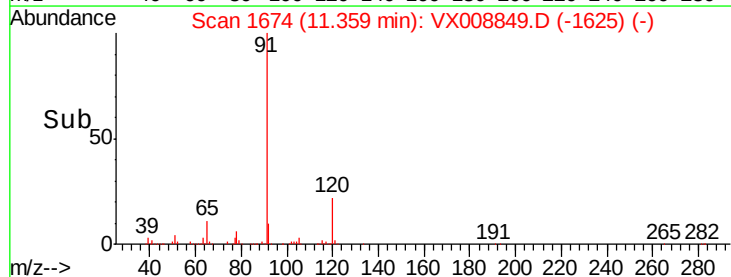
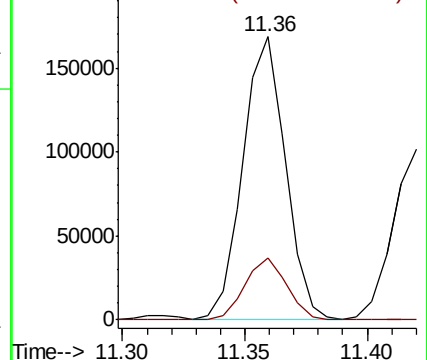
91 100

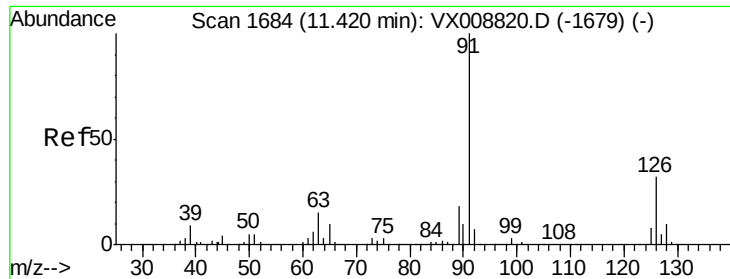
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.562 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

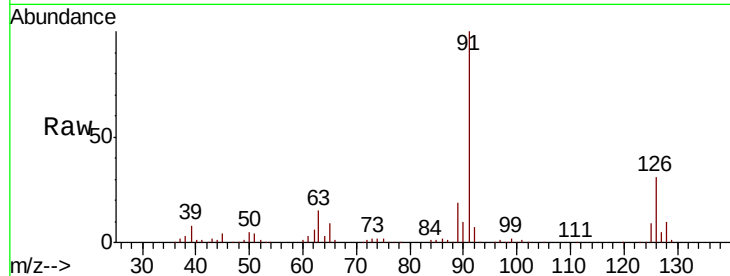
VX0411WBS01

Tgt Ion: 91 Resp: 121600

Ion Ratio Lower Upper

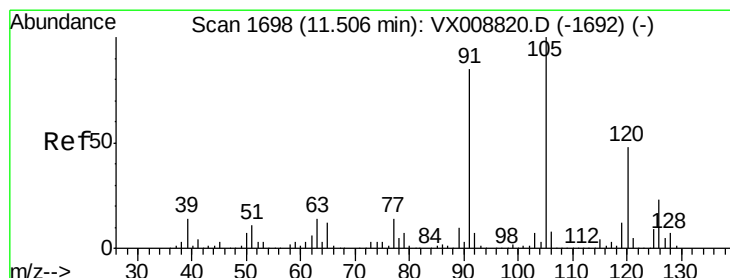
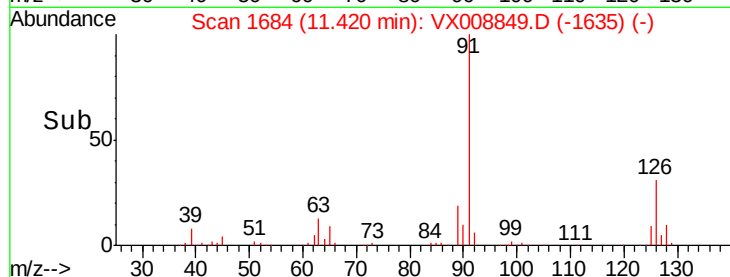
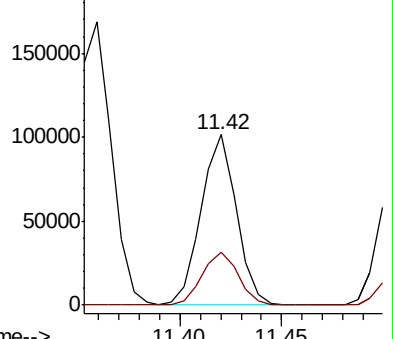
91 100

126 31.7 16.1 48.3



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: 18.871 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008849.D

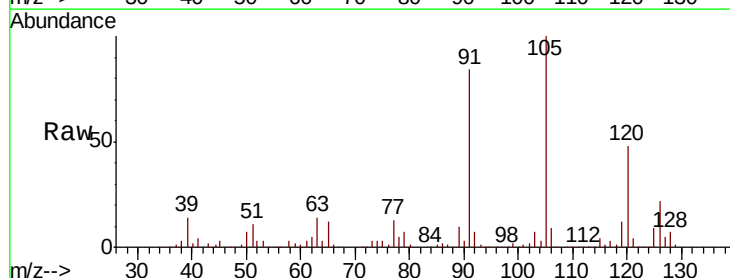
Acq: 11 Apr 2019 14:11

Tgt Ion:105 Resp: 147274

Ion Ratio Lower Upper

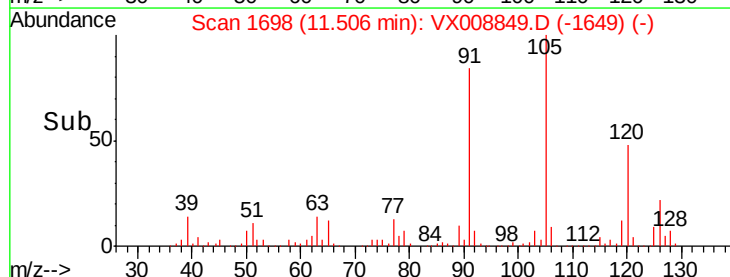
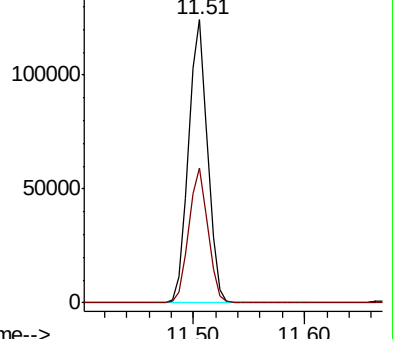
105 100

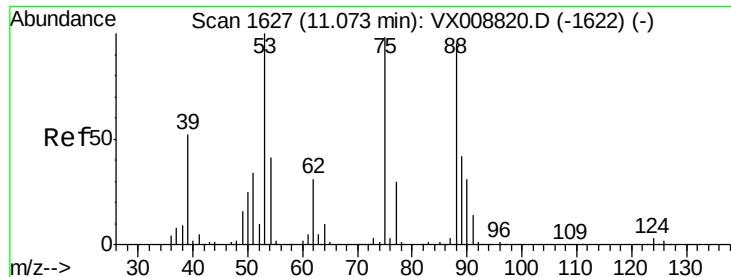
120 47.7 23.5 70.6



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: 17.765 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

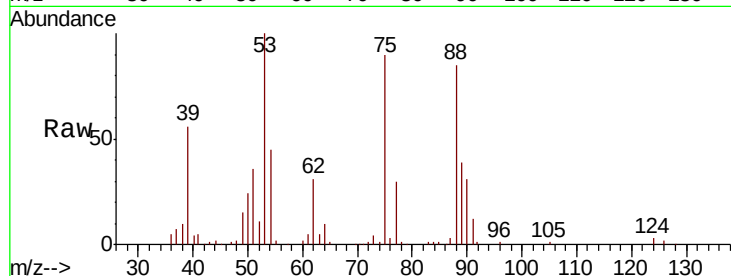
Tgt Ion: 75 Resp: 19861

Ion Ratio Lower Upper

75 100

53 111.2 81.3 121.9

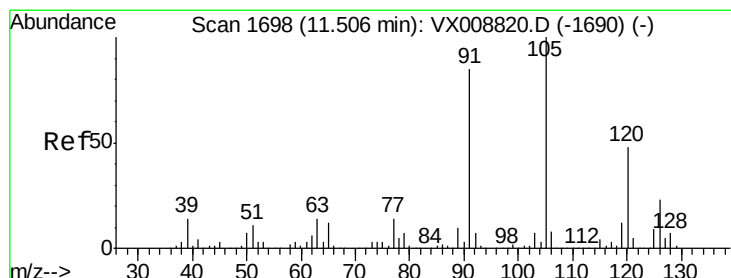
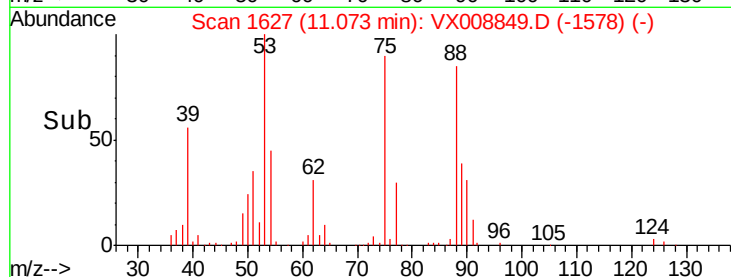
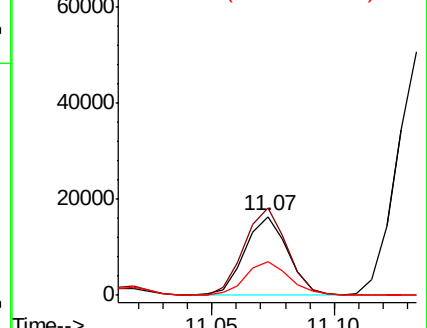
89 44.6 35.6 53.4



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: 18.268 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008849.D

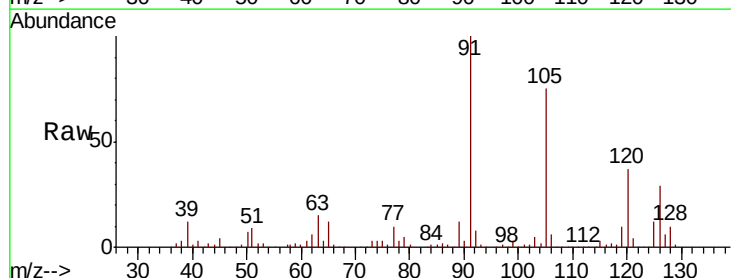
Acq: 11 Apr 2019 14:11

Tgt Ion: 91 Resp: 138527

Ion Ratio Lower Upper

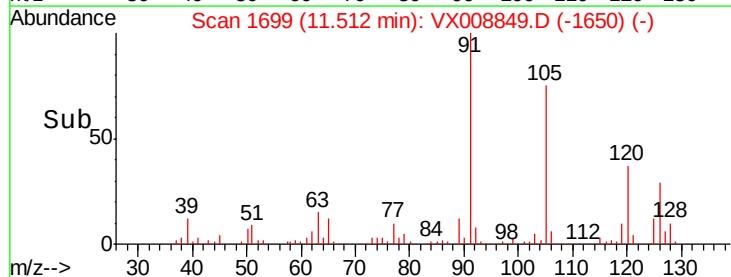
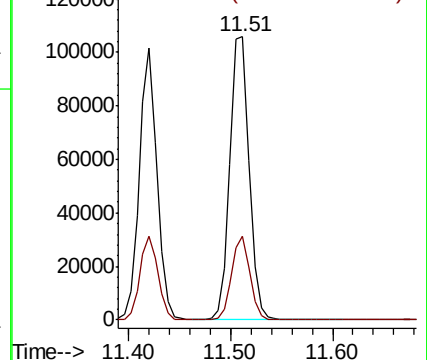
91 100

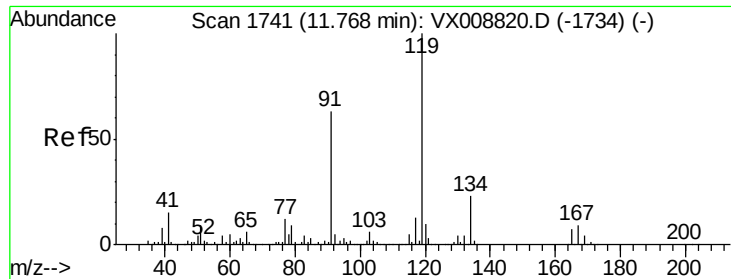
126 27.8 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

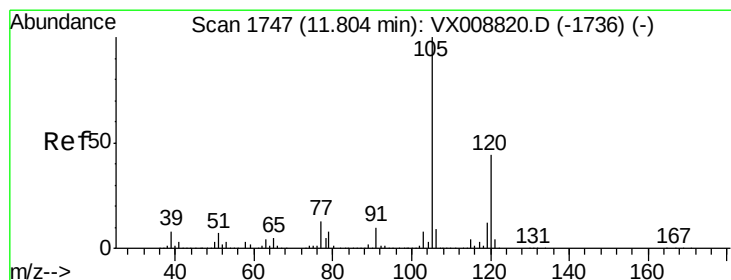
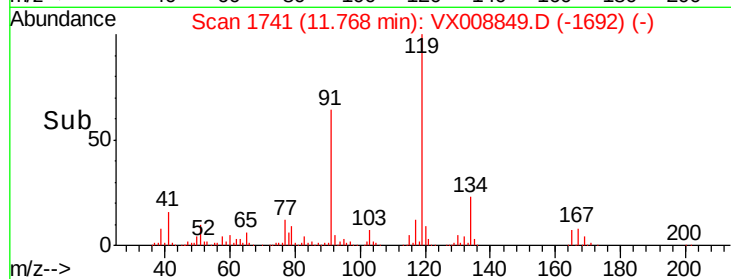
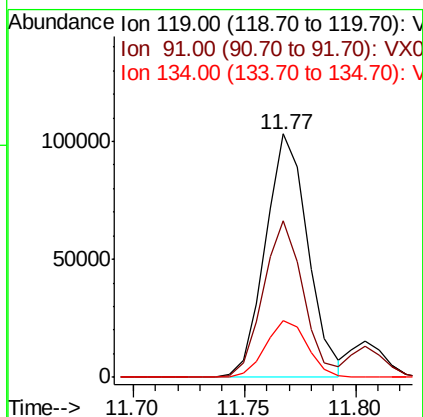
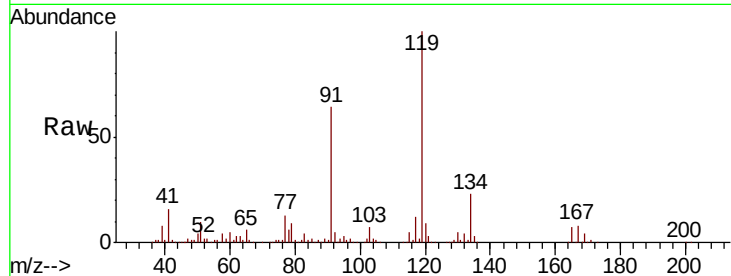




#83
 tert-Butylbenzene
 Concen: 18.165 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

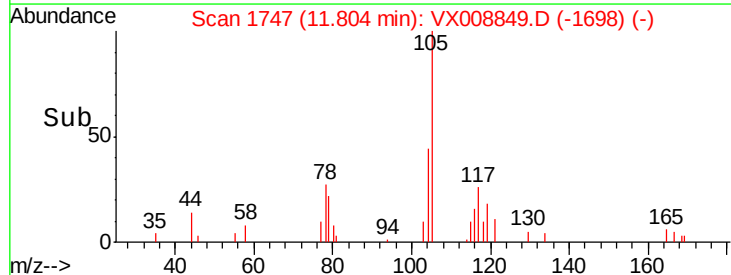
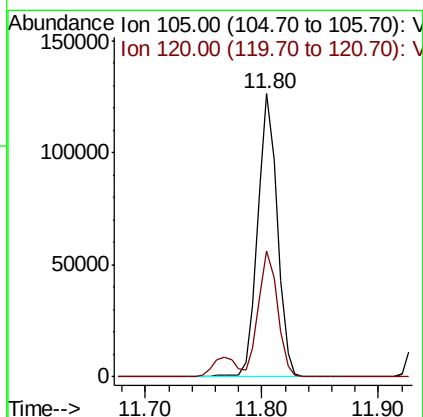
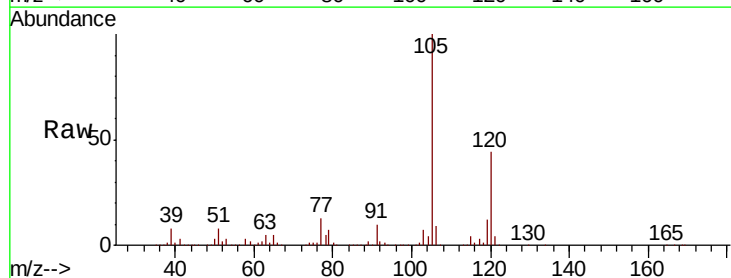
Instrument :
 MSVOA_X
 ClientSampled :
 VX0411WBS01

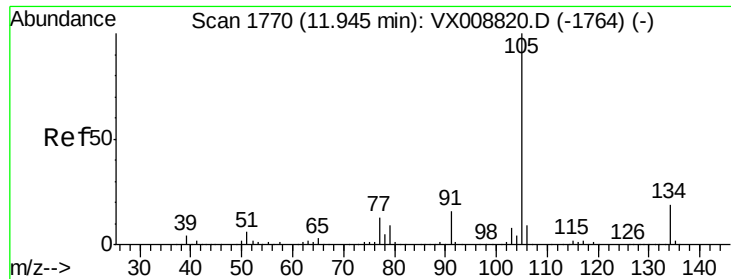
Tgt Ion:119 Resp: 136383
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.0 90.1
 134 23.0 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.854 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion:105 Resp: 148983
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 18.743 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

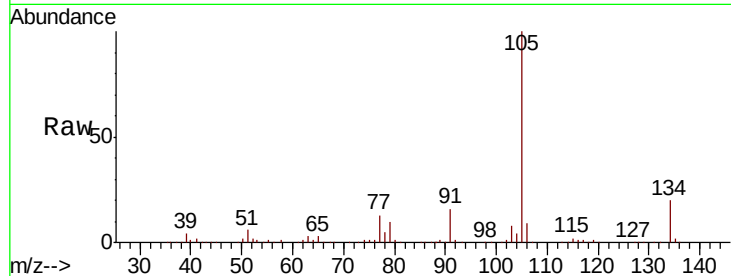
VX0411WBS01

Tgt Ion:105 Resp: 167158

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

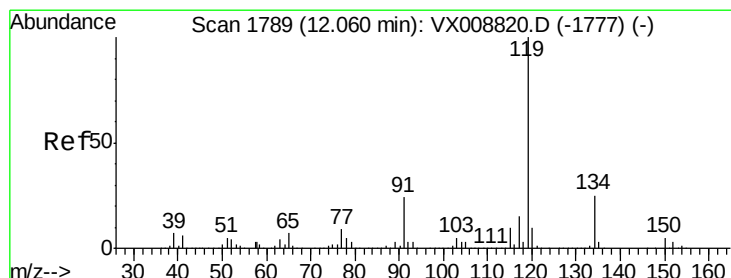
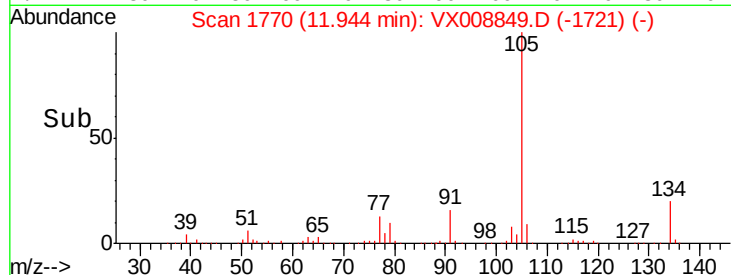
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.101 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

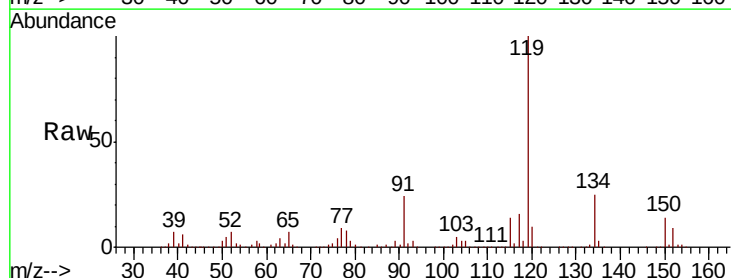
Tgt Ion:119 Resp: 152891

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.1 12.2 36.6



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

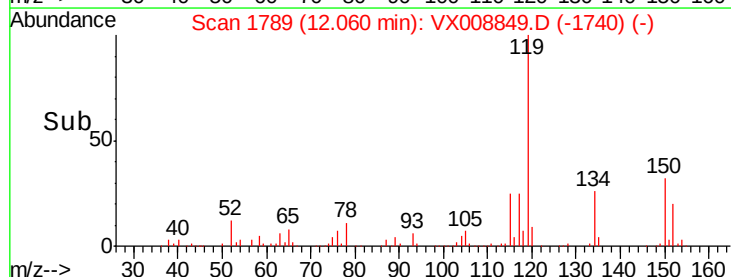
150000

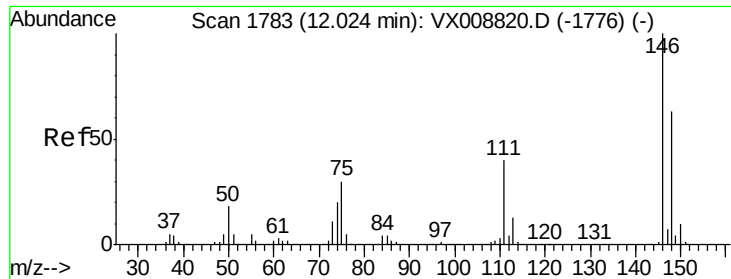
100000

50000

0

Time--> 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 18.650 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

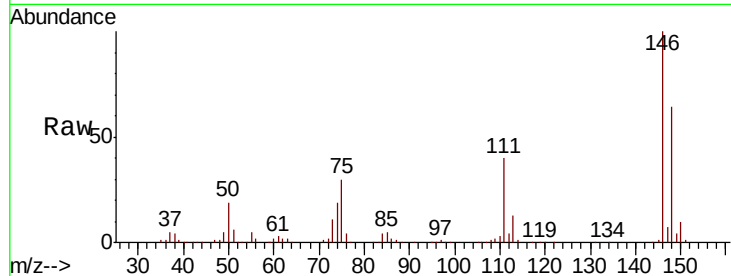
Tgt Ion:146 Resp: 74620

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.5

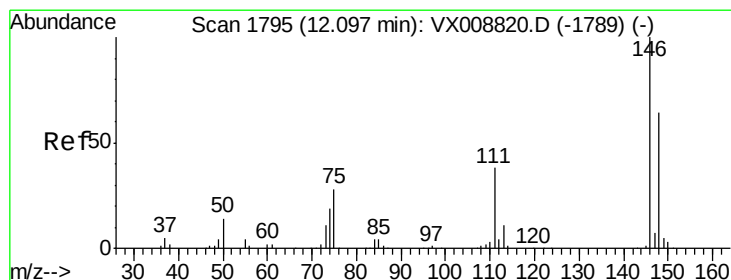
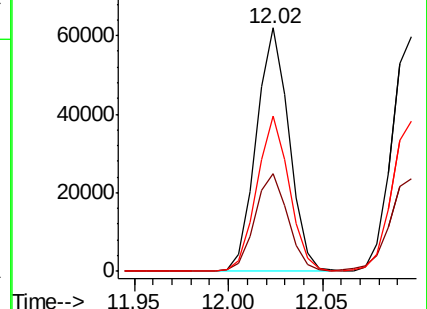
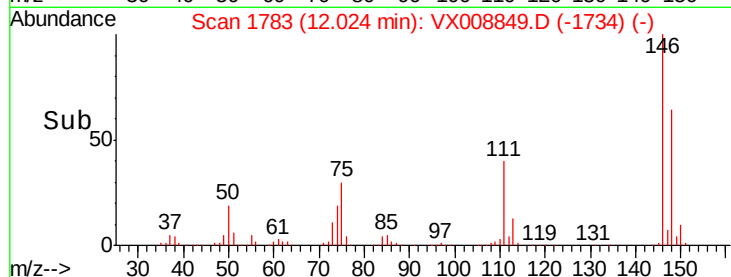
148 62.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.307 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

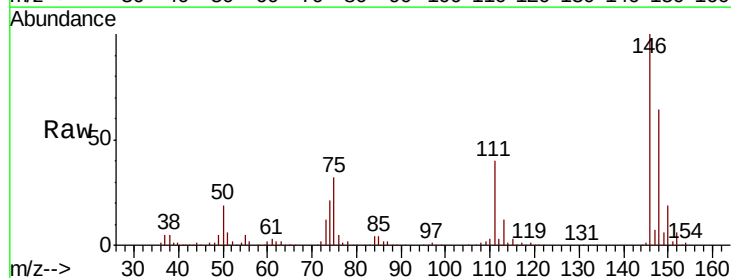
Tgt Ion:146 Resp: 74174

Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.6

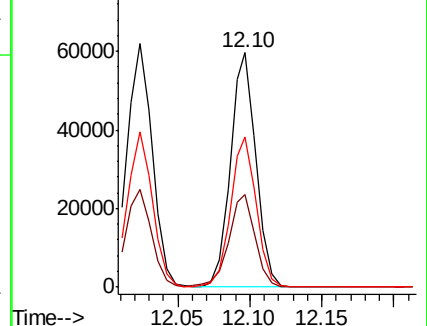
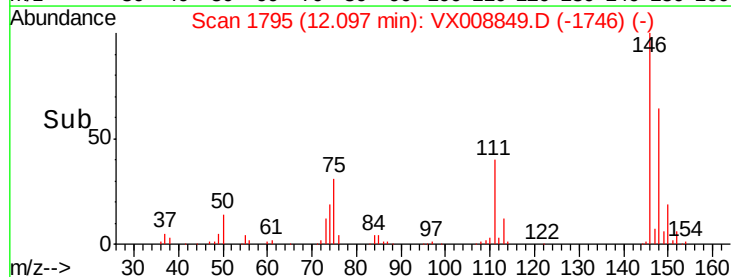
148 64.5 32.0 96.0

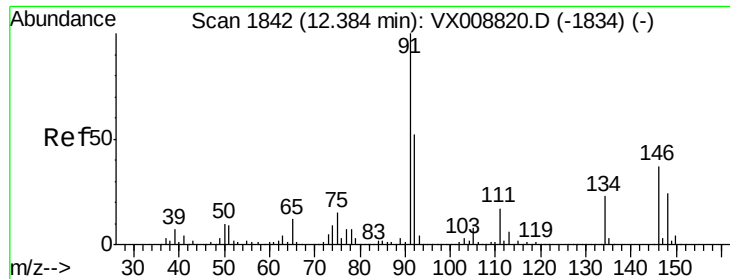


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.585 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

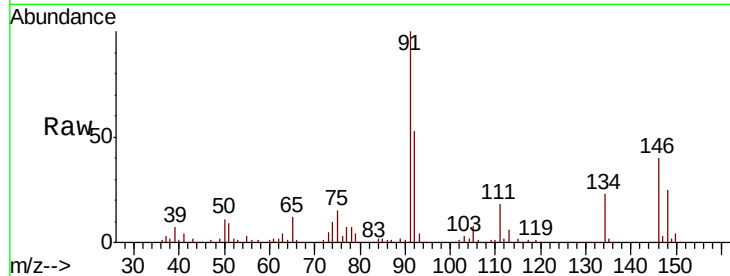
Tgt Ion: 91 Resp: 139512

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

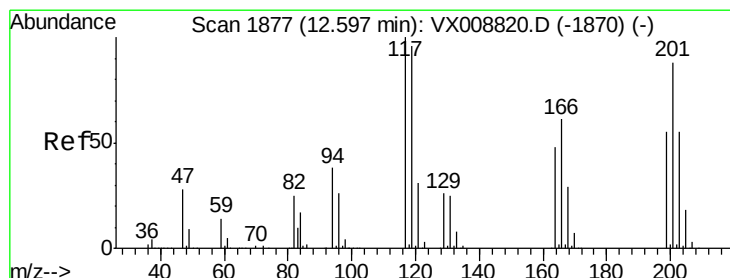
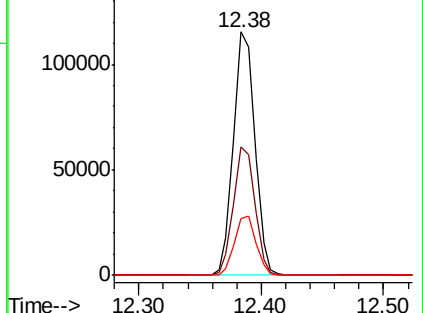
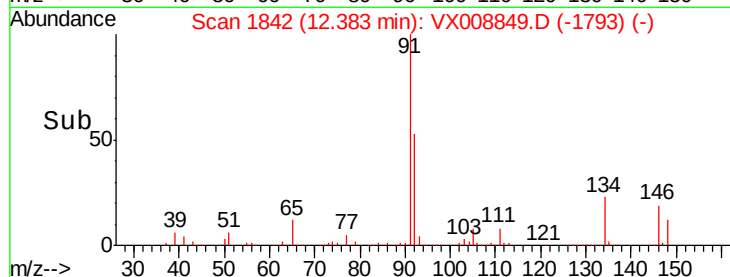
134 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.690 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008849.D

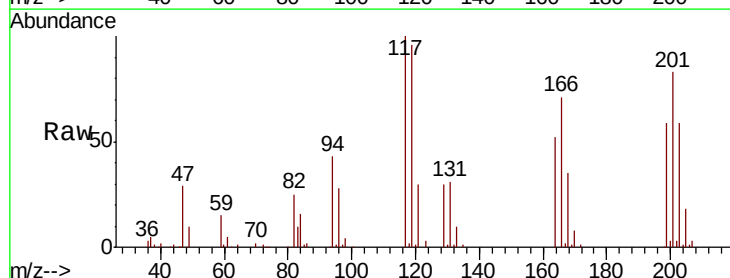
Acq: 11 Apr 2019 14:11

Tgt Ion: 117 Resp: 23486

Ion Ratio Lower Upper

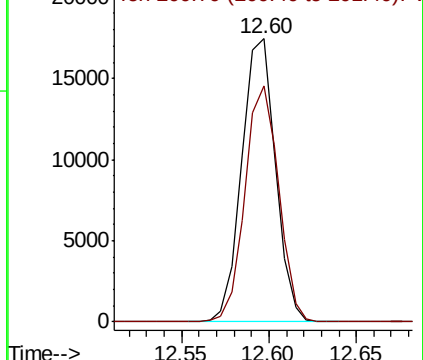
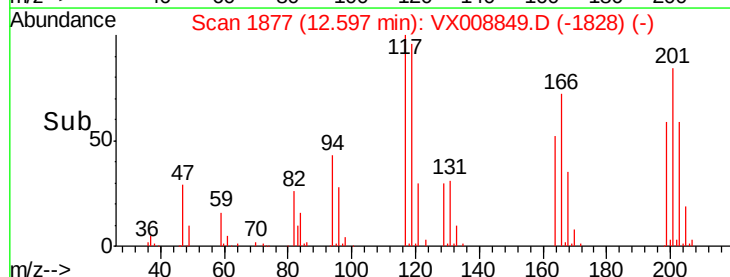
117 100

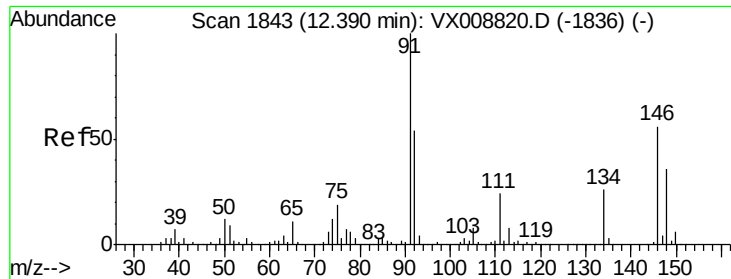
201 83.1 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.749 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

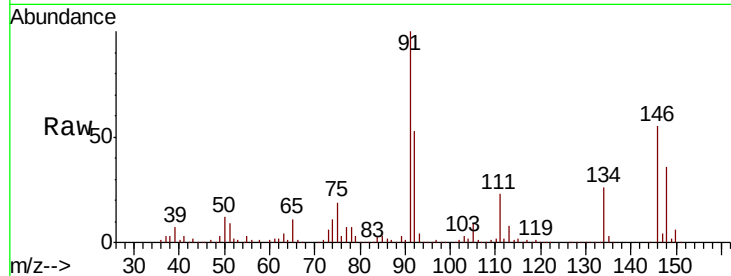
Tgt Ion:146 Resp: 74482

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.9

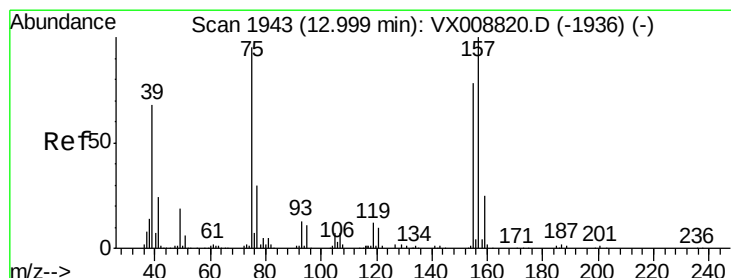
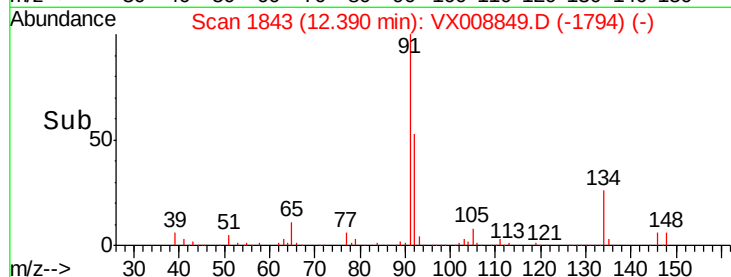
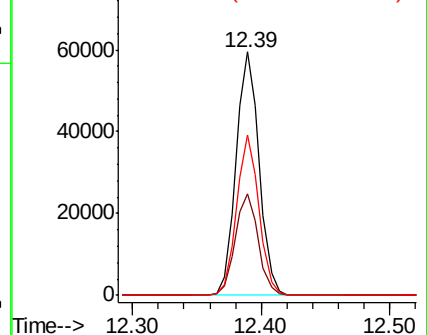
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.338 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

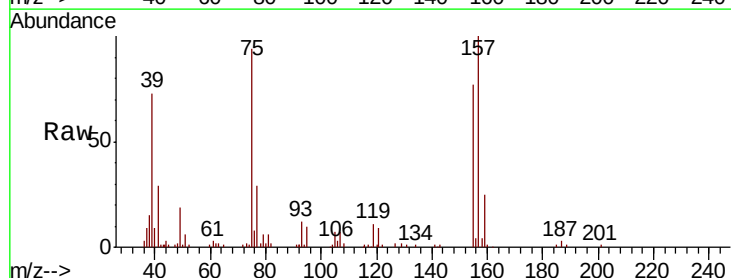
Tgt Ion: 75 Resp: 13486

Ion Ratio Lower Upper

75 100

155 81.3 39.9 119.6

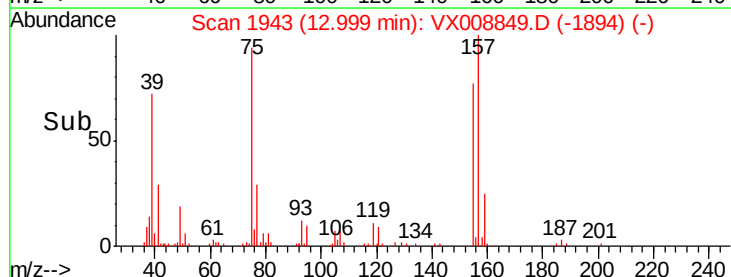
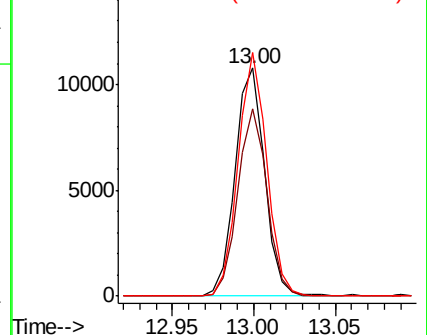
157 103.7 51.5 154.7

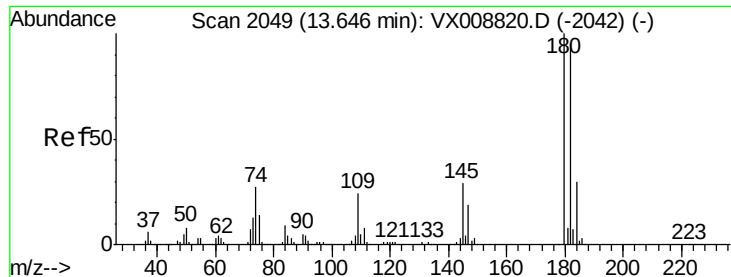


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

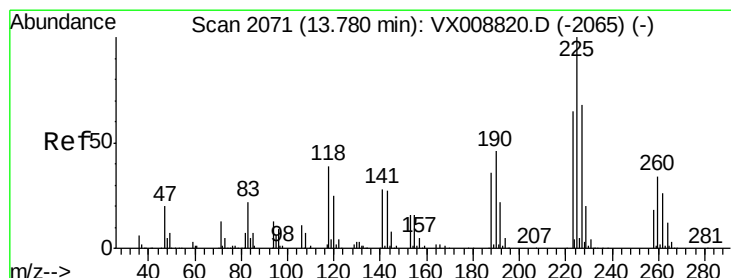
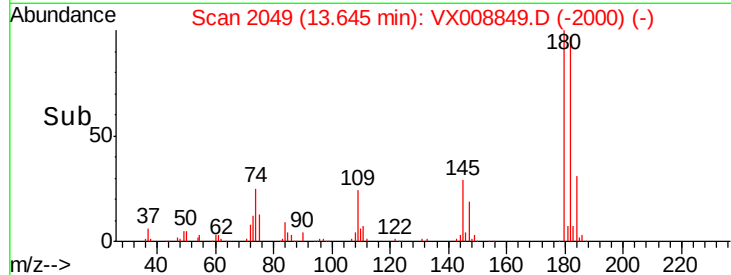
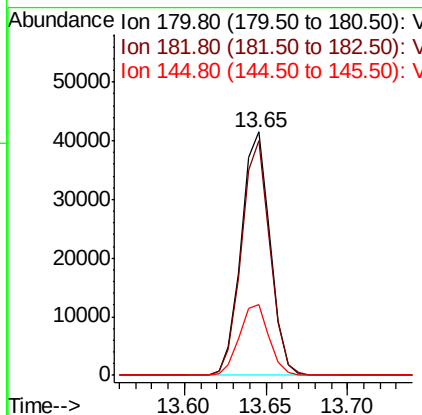
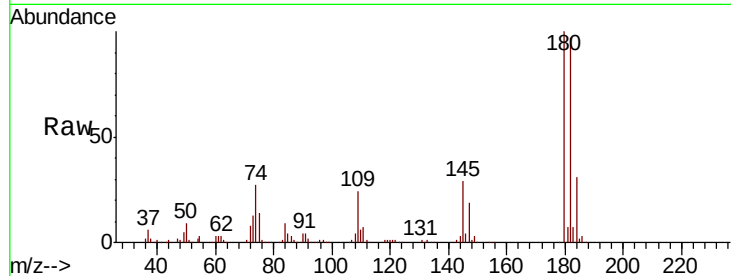




#93
 1,2,4-Trichlorobenzene
 Concen: 18.571 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

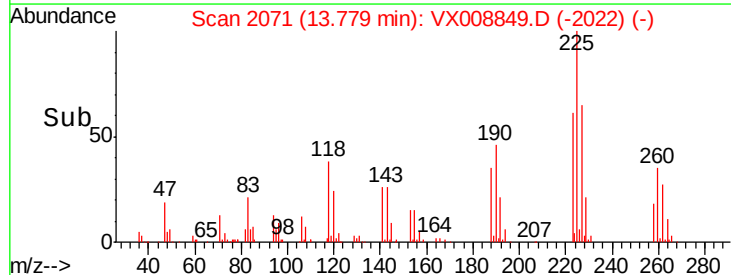
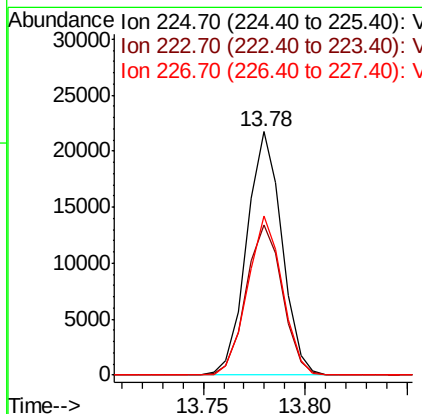
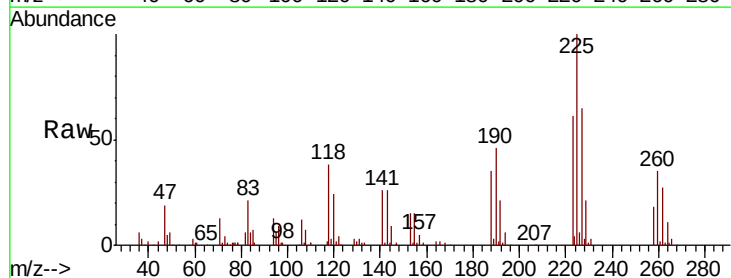
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

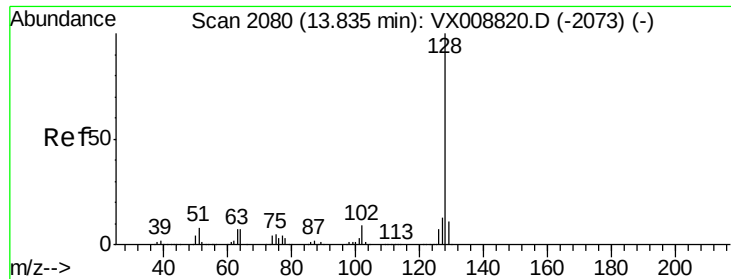
Tgt Ion:	180	Resp:	51297
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.2	141.6
145	29.8	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 19.605 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion:	225	Resp:	25971
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.2	93.6
227	64.8	31.9	95.5





#95

Naphthalene

Concen: 18.369 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

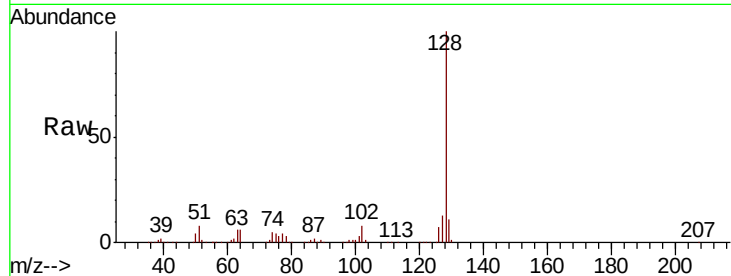
Tgt Ion:128 Resp: 169574

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

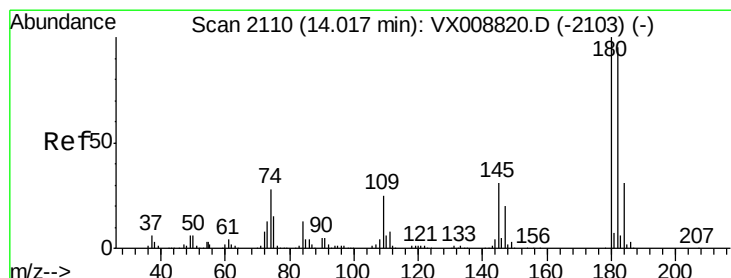
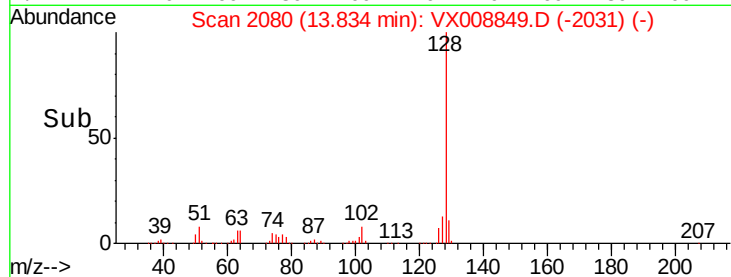
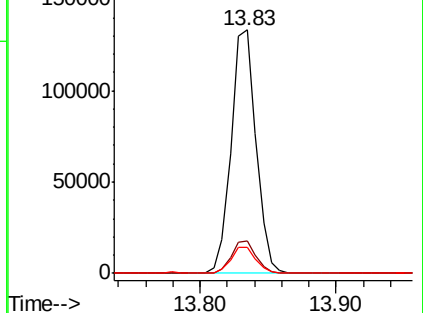
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.438 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

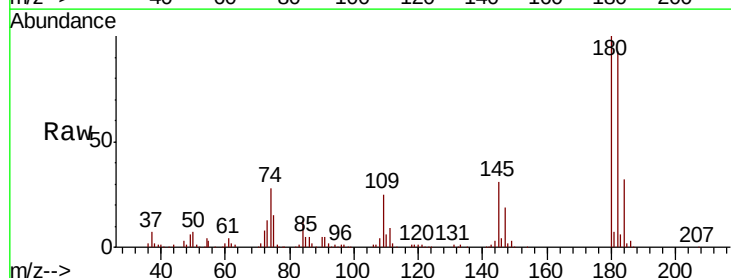
Tgt Ion:180 Resp: 50884

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.3

145 31.5 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

