

Data File : VX008822.D
Acq On : 10 Apr 2019 22:32
Operator : JC/SP
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Quant Time: Apr 11 05:53:12 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	169575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113757	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.50	113	83648	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	337886	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.13	95	120806	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29417	15.071	ug/l	98
3) Chloromethane	1.32	50	44767	17.620	ug/l	100
4) Vinyl Chloride	1.41	62	41365	15.676	ug/l	97
5) Bromomethane	1.64	94	24546	20.057	ug/l	99
6) Chloroethane	1.72	64	25158	15.360	ug/l	98
7) Trichlorofluoromethane	1.93	101	47890	16.418	ug/l	98
8) Diethyl Ether	2.19	74	22876	16.538	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31114	16.568	ug/l	98
10) Methyl Iodide	2.51	142	27123	18.592	ug/l	100
11) Tert butyl alcohol	3.04	59	53706	92.750	ug/l	100
12) 1,1-Dichloroethene	2.37	96	32717	16.689	ug/l	99
13) Acrolein	2.29	56	35490	123.607	ug/l	99
14) Allyl chloride	2.73	41	74925	16.695	ug/l	99
15) Acrylonitrile	3.14	53	136384	88.908	ug/l	100
16) Acetone	2.44	43	116344	81.669	ug/l	98
17) Carbon Disulfide	2.57	76	89090	15.222	ug/l	98
18) Methyl Acetate	2.78	43	63912	18.498	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	126249	18.033	ug/l	100
20) Methylene Chloride	2.85	84	40609	17.030	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	35180	16.590	ug/l	98
22) Diisopropyl ether	3.85	45	156649	18.110	ug/l	92
23) Vinyl Acetate	3.81	43	671207	89.197	ug/l	98
24) 1,1-Dichloroethane	3.70	63	75083	17.532	ug/l	98
25) 2-Butanone	4.67	43	202221	89.813	ug/l	99
26) 2,2-Dichloropropane	4.58	77	44267	14.675	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	41930	17.198	ug/l	98
28) Bromochloromethane	5.01	49	37209	18.918	ug/l	99
29) Tetrahydrofuran	5.13	42	133245	89.161	ug/l	100
30) Chloroform	5.21	83	68373	17.874	ug/l	96
31) Cyclohexane	5.58	56	69721	16.315	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	55083	17.820	ug/l	99
36) 1,1-Dichloropropene	5.80	75	50513	16.421	ug/l	98
37) Ethyl Acetate	4.84	43	75614	18.416	ug/l	98
38) Carbon Tetrachloride	5.78	117	44051	17.303	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60241	15.853	ug/l	99
40) Benzene	6.14	78	161027	17.572	ug/l	100
41) Methacrylonitrile	5.04	41	42410	17.970	ug/l	99
42) 1,2-Dichloroethane	6.19	62	58120	17.691	ug/l	100
43) Isopropyl Acetate	6.45	43	116690	18.143	ug/l	100
44) Trichloroethene	7.21	130	37010	17.340	ug/l	100
45) 1,2-Dichloropropane	7.51	63	45822	17.519	ug/l	99
46) Dibromomethane	7.66	93	25842	17.035	ug/l	98
47) Bromodichloromethane	7.90	83	51323	17.943	ug/l	97
48) Methyl methacrylate	7.77	41	58871	18.094	ug/l	99
49) 1,4-Dioxane	7.74	88	22523	369.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	395329	95.481	ug/l	100
52) Toluene	8.79	92	96786	17.915	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54802	17.104	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62715	17.130	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39599	18.260	ug/l	98
56) Ethyl methacrylate	9.18	69	72065	18.366	ug/l	99
57) 1,3-Dichloropropane	9.37	76	70941	18.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	190028	94.846	ug/l	99
59) 2-Hexanone	9.49	43	300752	93.468	ug/l	100
60) Dibromochloromethane	9.58	129	37147	18.178	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39637	17.557	ug/l	97
64) Tetrachloroethene	9.33	164	33559	17.918	ug/l	98
65) Chlorobenzene	10.13	112	98858	17.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34727	17.665	ug/l	98
67) Ethyl Benzene	10.25	91	182617	17.477	ug/l	100
68) m/p-Xylenes	10.36	106	130596	34.761	ug/l	100
69) o-Xylene	10.69	106	64902	17.826	ug/l	99
70) Styrene	10.71	104	112362	17.903	ug/l	99
71) Bromoform	10.85	173	27091	18.044	ug/l #	97
73) Isopropylbenzene	11.02	105	170041	17.930	ug/l	100
74) N-amyl acetate	10.90	43	101031	18.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	64579	17.905	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74052	23.556	ug/l	82
77) Bromobenzene	11.26	156	41751	18.313	ug/l	98
78) n-propylbenzene	11.36	91	194708	17.633	ug/l	100
79) 2-Chlorotoluene	11.42	91	118786	17.776	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	143519	18.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18832	16.513	ug/l	92
82) 4-Chlorotoluene	11.51	91	133785	17.296	ug/l	99
83) tert-Butylbenzene	11.77	119	135590	17.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145355	18.033	ug/l	100
85) sec-Butylbenzene	11.94	105	161208	17.721	ug/l	100
86) p-Isopropyltoluene	12.06	119	145120	17.773	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71080	17.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	71093	17.202	ug/l	98
89) n-Butylbenzene	12.38	91	129653	16.932	ug/l	99
90) Hexachloroethane	12.60	117	23577	17.409	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73609	18.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13856	17.464	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49160	17.448	ug/l	99
94) Hexachlorobutadiene	13.78	225	24267	17.959	ug/l	99
95) Naphthalene	13.83	128	166369	17.667	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	49717	17.661	ug/l	99

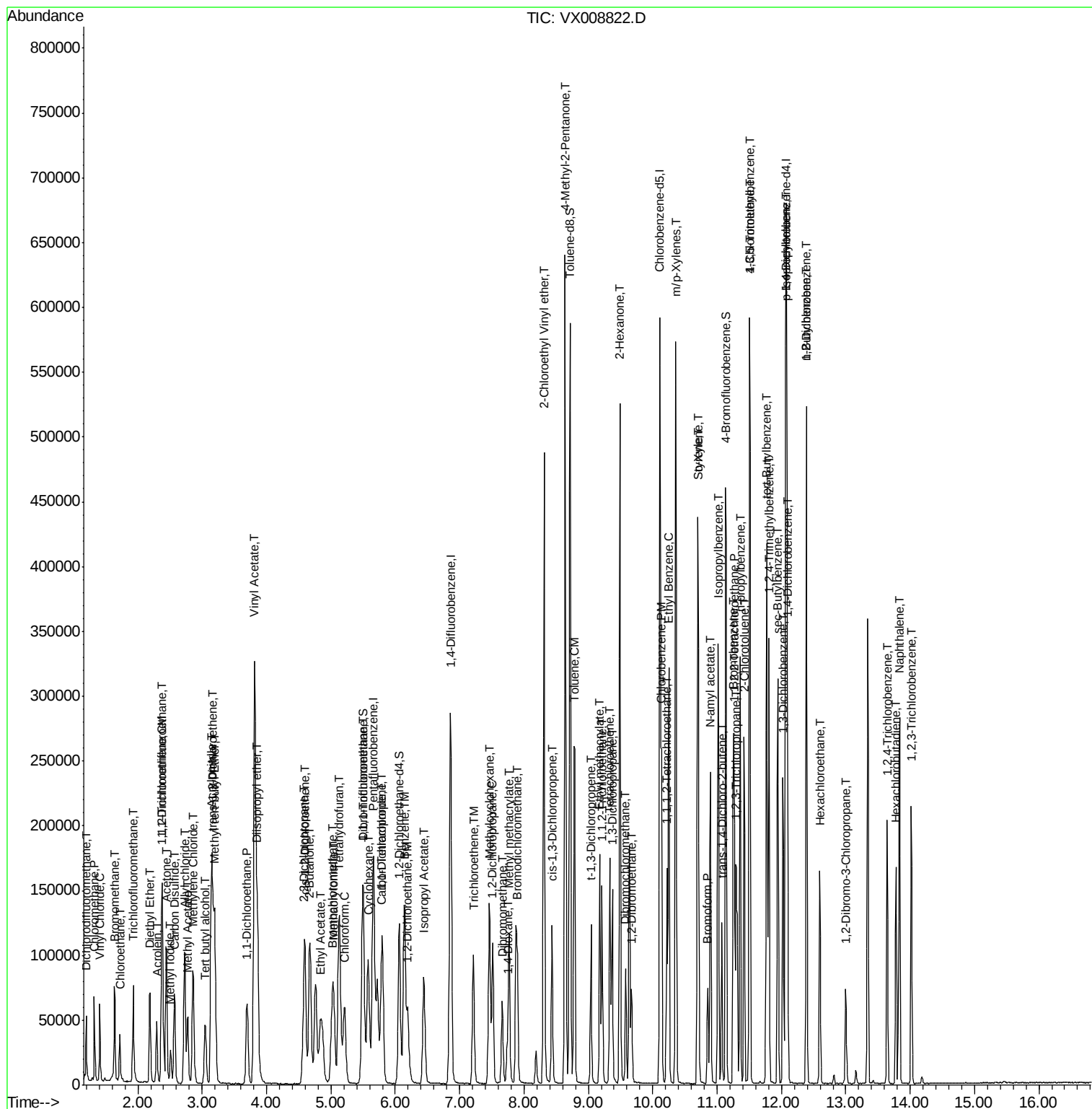
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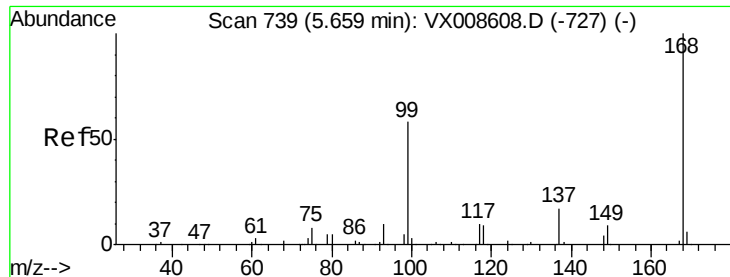
Data File : VX008822.D

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Acq On       : 10 Apr 2019   22:32
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ALS Vial    : 31   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

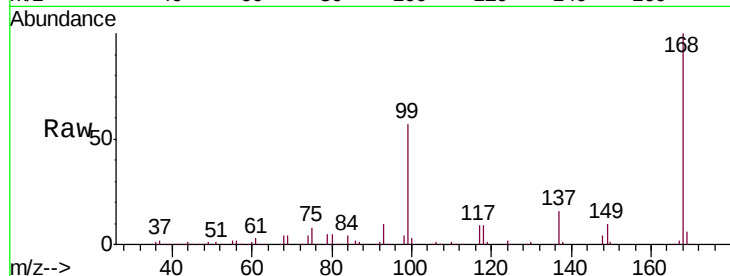
VX0410WBS02

Tgt Ion:168 Resp: 169575

Ion Ratio Lower Upper

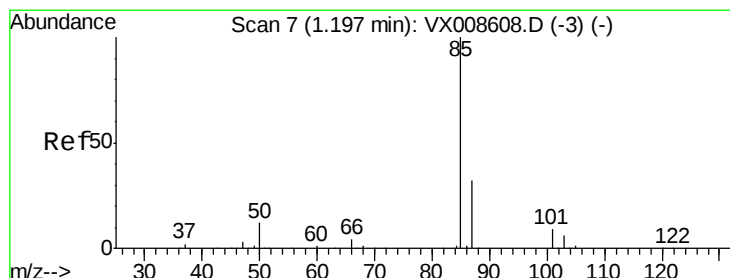
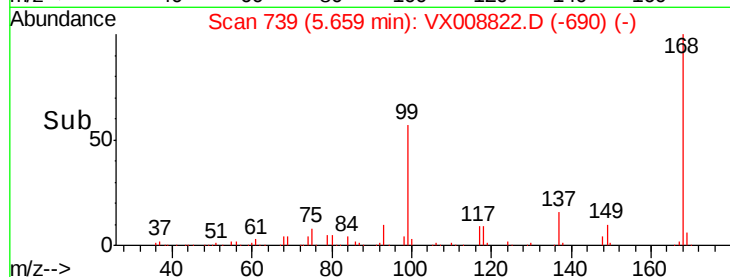
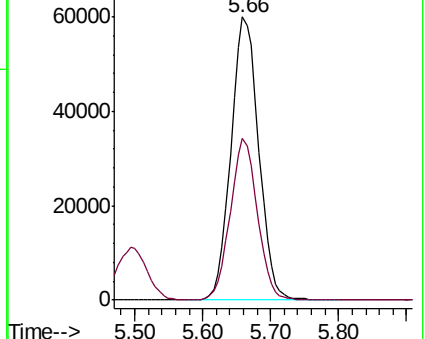
168 100

99 56.9 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: 15.071 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008822.D

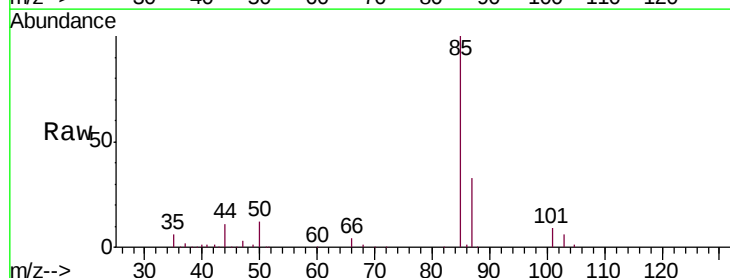
Acq: 10 Apr 2019 22:32

Tgt Ion: 85 Resp: 29417

Ion Ratio Lower Upper

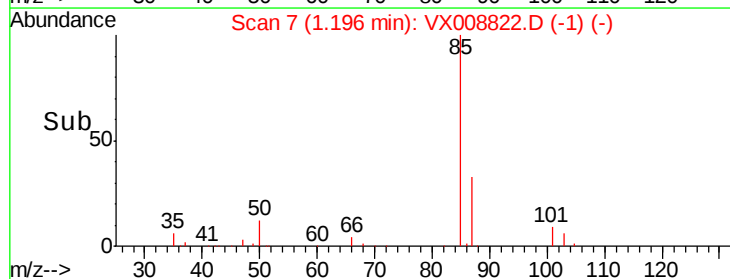
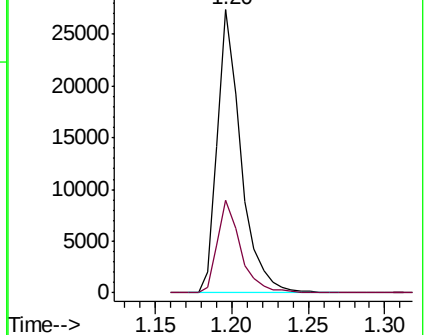
85 100

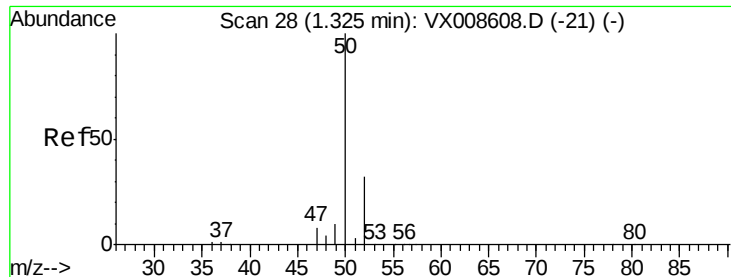
87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.620 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

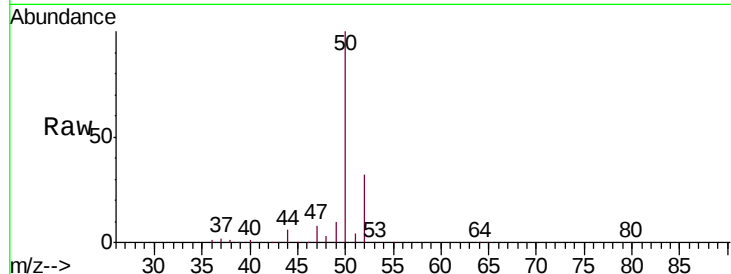
VX0410WBS02

Tgt Ion: 50 Resp: 44767

Ion Ratio Lower Upper

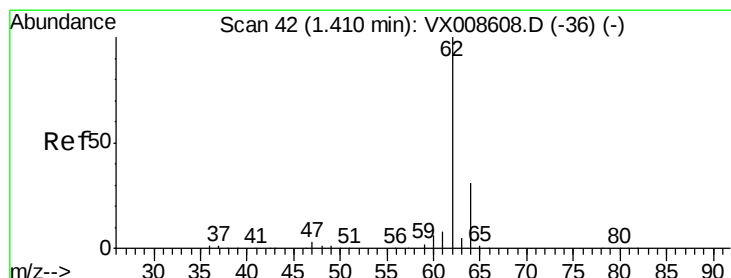
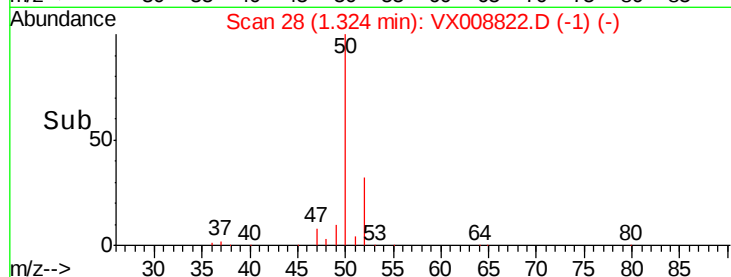
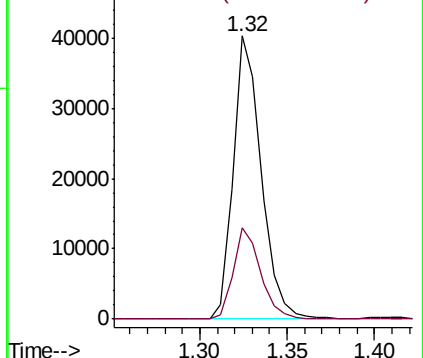
50 100

52 32.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.676 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008822.D

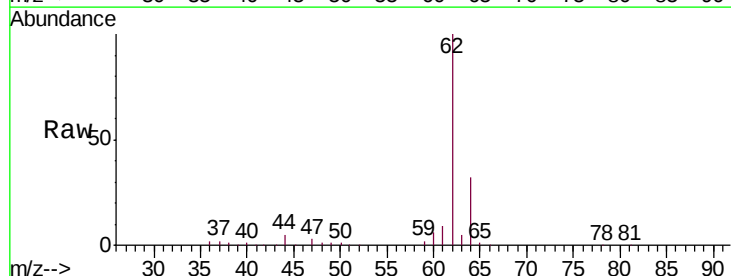
Acq: 10 Apr 2019 22:32

Tgt Ion: 62 Resp: 41365

Ion Ratio Lower Upper

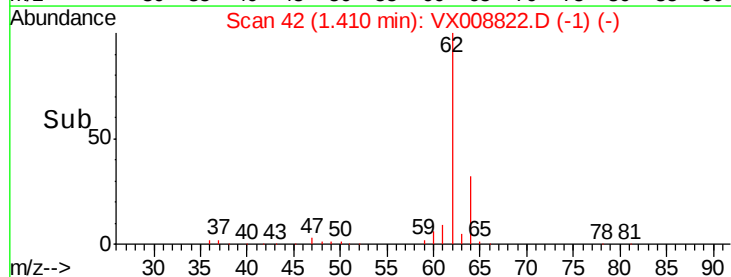
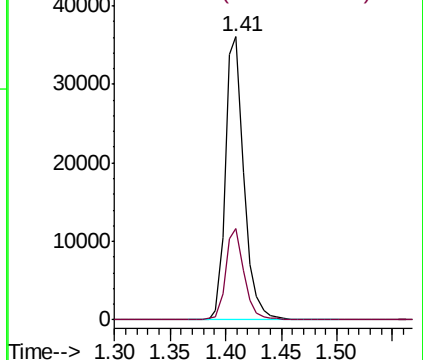
62 100

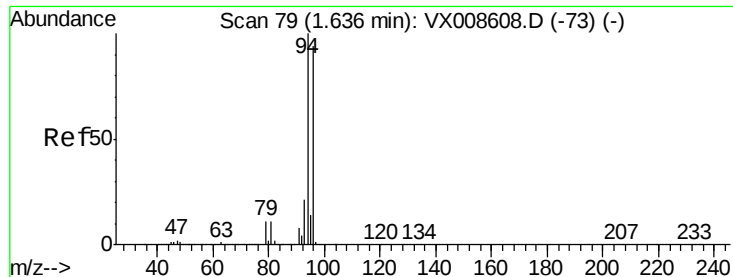
64 32.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.057 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

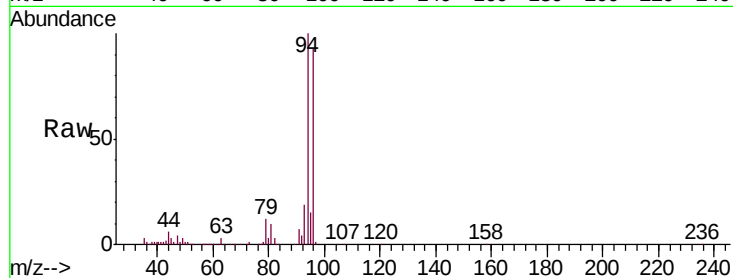
VX0410WBS02

Tgt Ion: 94 Resp: 24546

Ion Ratio Lower Upper

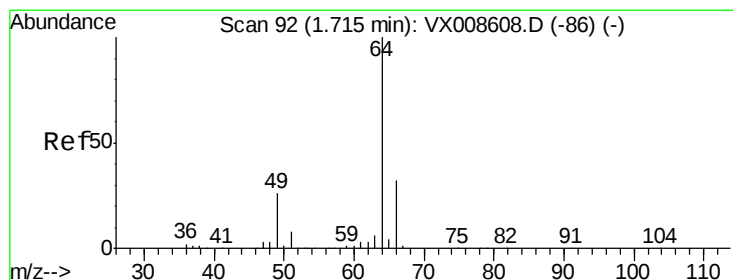
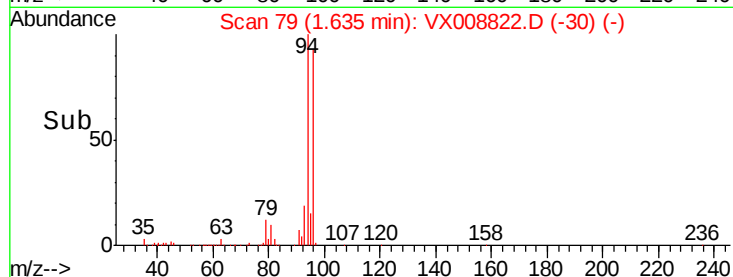
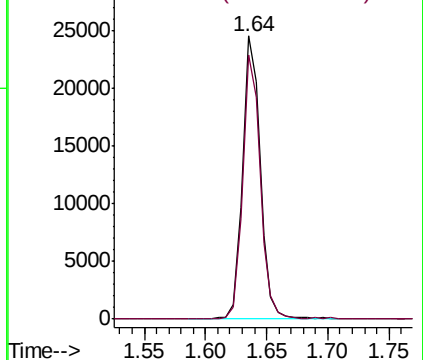
94 100

96 93.3 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: 15.360 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008822.D

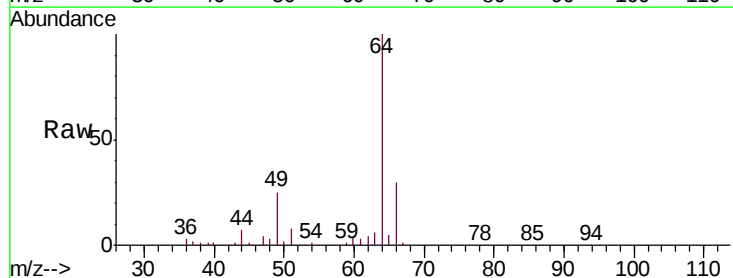
Acq: 10 Apr 2019 22:32

Tgt Ion: 64 Resp: 25158

Ion Ratio Lower Upper

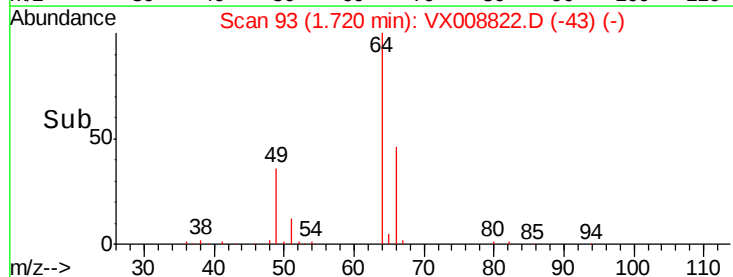
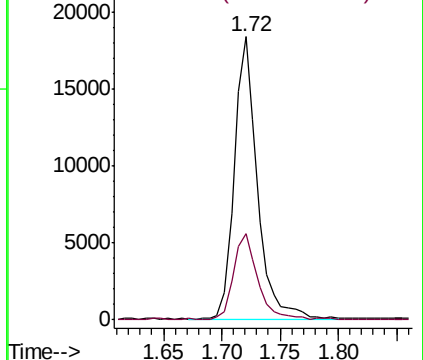
64 100

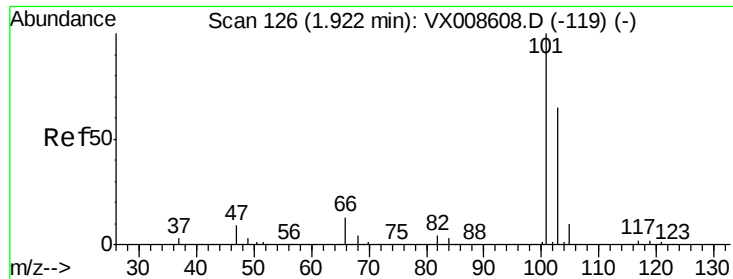
66 30.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



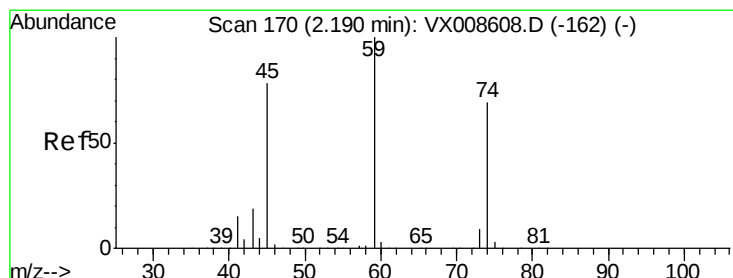
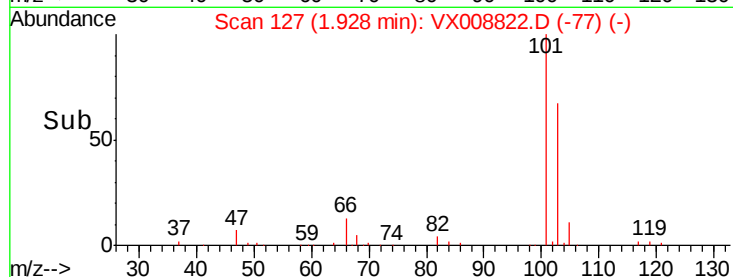
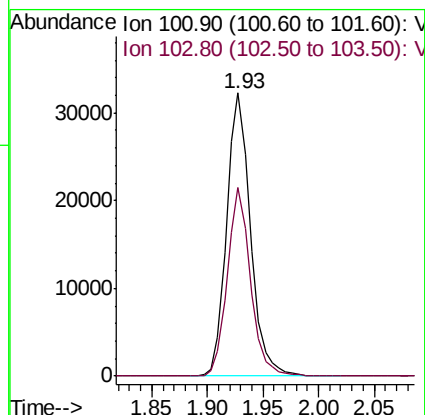
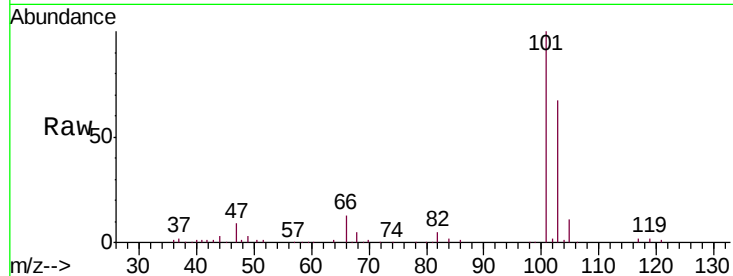


#7

Trichlorofluoromethane
 Concen: 16.418 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

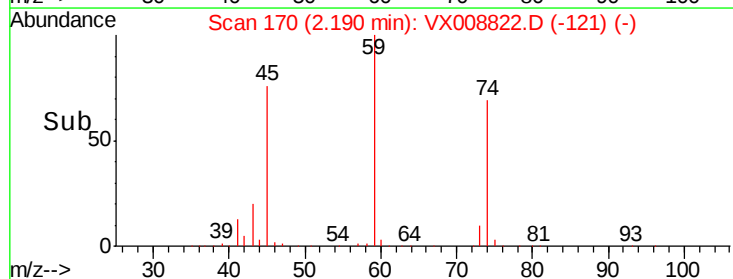
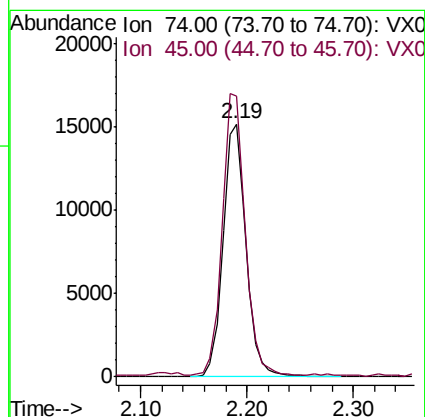
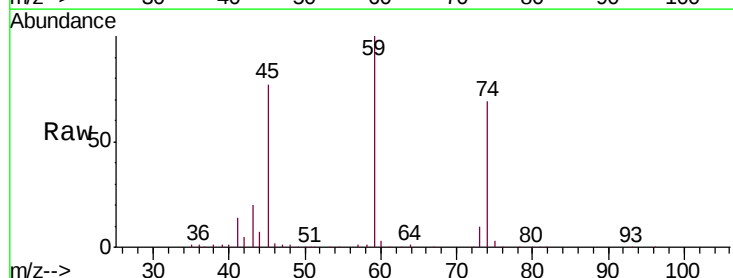
Tgt Ion:101 Resp: 47890
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.3 78.5

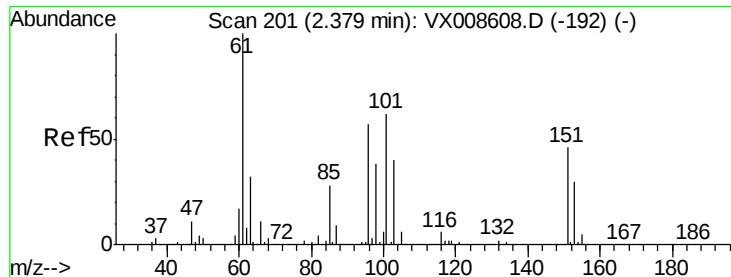


#8

Diethyl Ether
 Concen: 16.538 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 74 Resp: 22876
 Ion Ratio Lower Upper
 74 100
 45 111.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.568 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

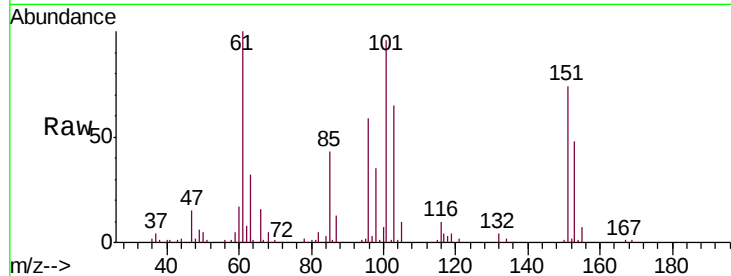
Tgt Ion:101 Resp: 31114

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

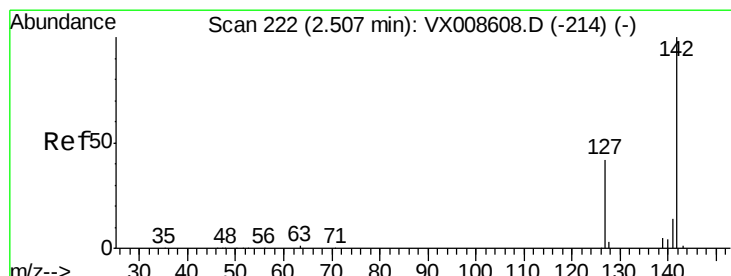
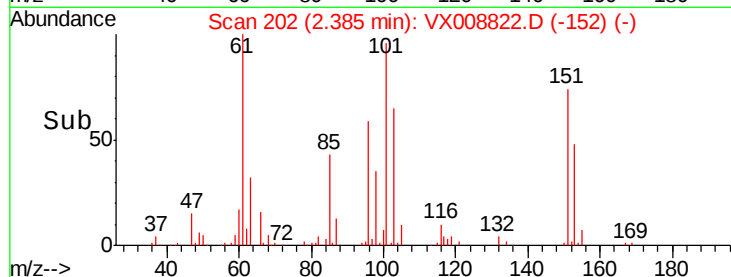
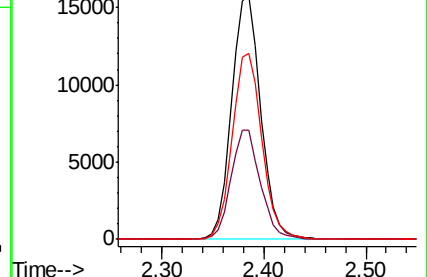
151 77.4 59.9 89.9



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: 18.592 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

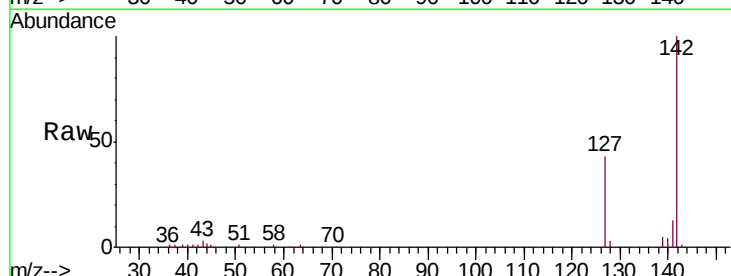
Tgt Ion:142 Resp: 27123

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.6

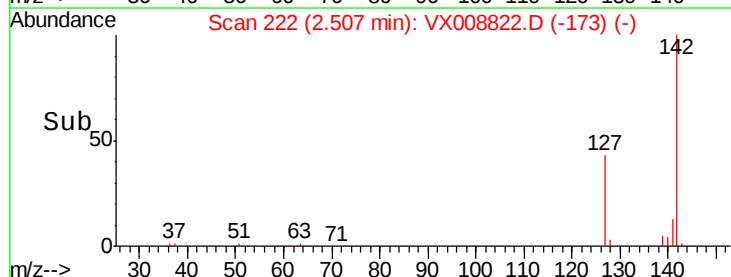
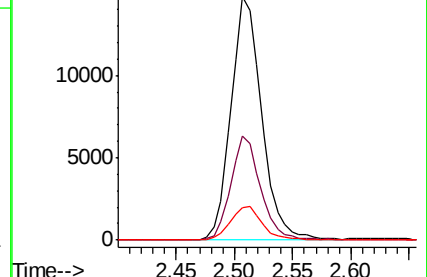
141 14.2 11.4 17.2

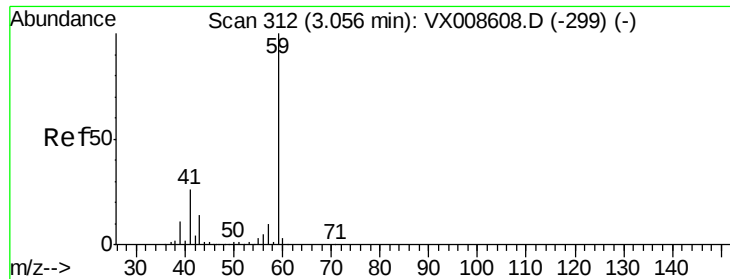


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

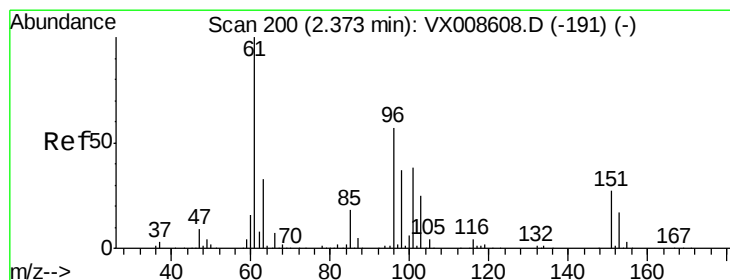
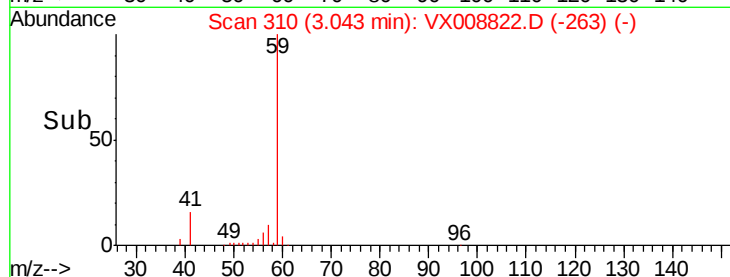
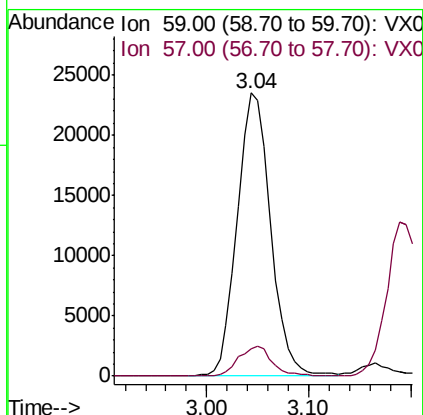
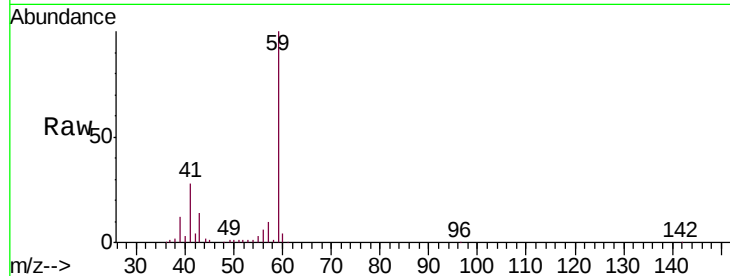




#11
Tert butyl alcohol
Concen: 92.750 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

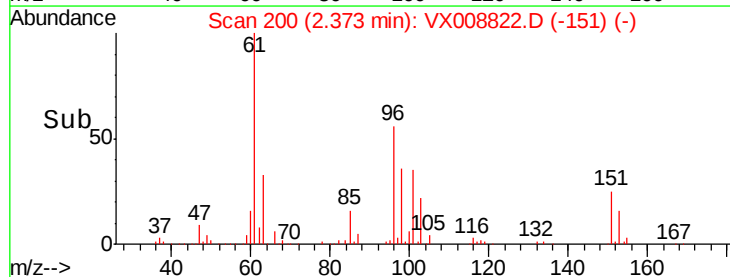
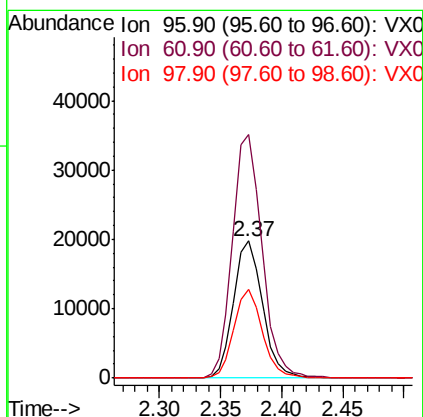
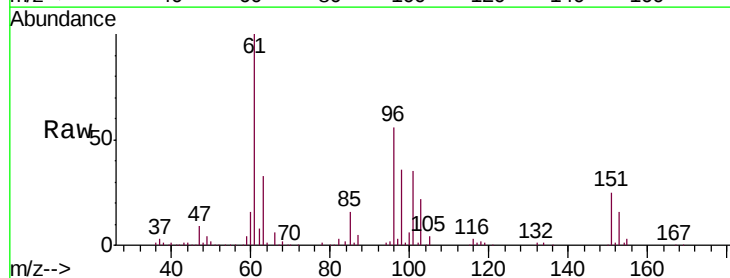
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

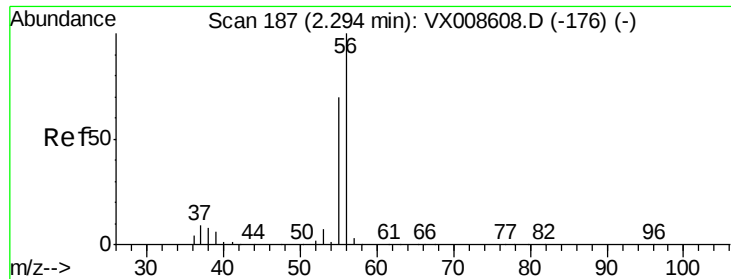
Tgt Ion: 59 Resp: 53706
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.689 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 96 Resp: 32717
Ion Ratio Lower Upper
96 100
61 177.5 140.9 211.3
98 64.8 52.1 78.1





#13

Acrolein

Concen: 123.607 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

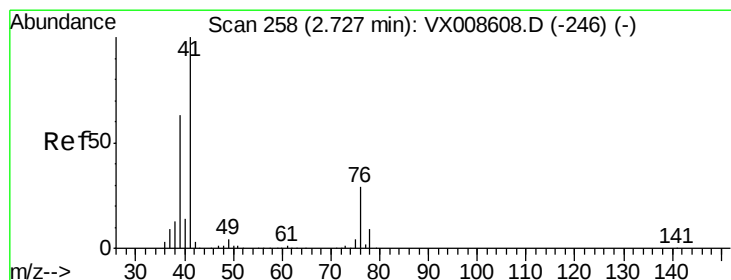
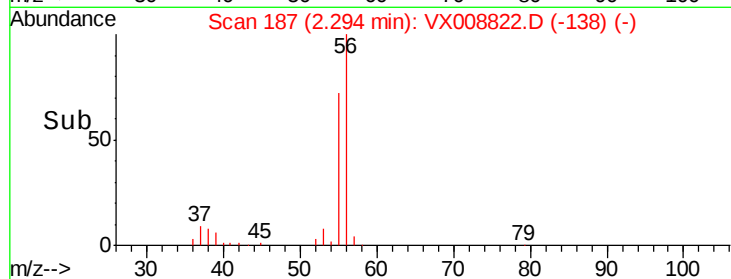
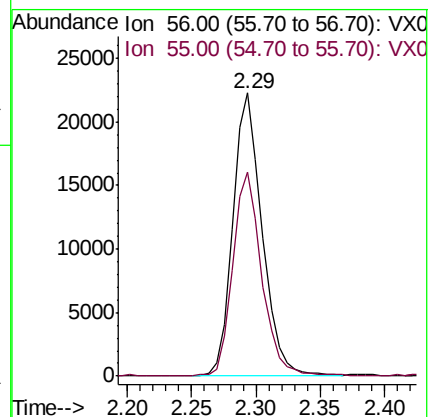
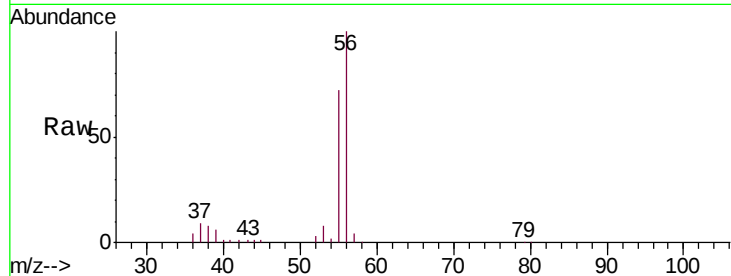
VX0410WBS02

Tgt Ion: 56 Resp: 35490

Ion Ratio Lower Upper

56 100

55 71.6 58.0 87.0



#14

Allyl chloride

Concen: 16.695 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

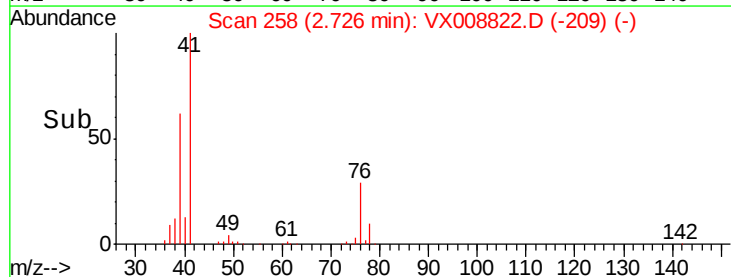
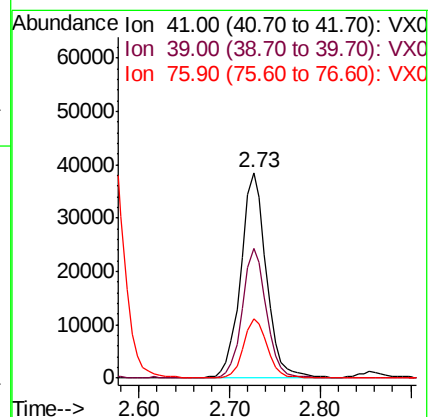
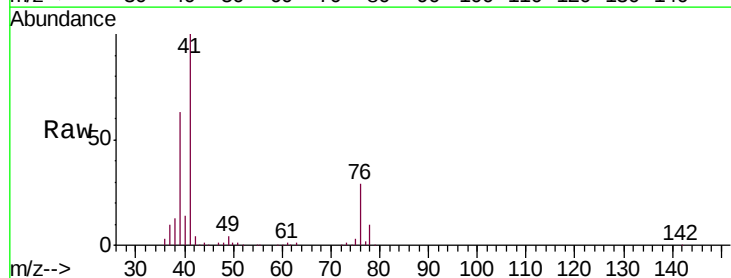
Tgt Ion: 41 Resp: 74925

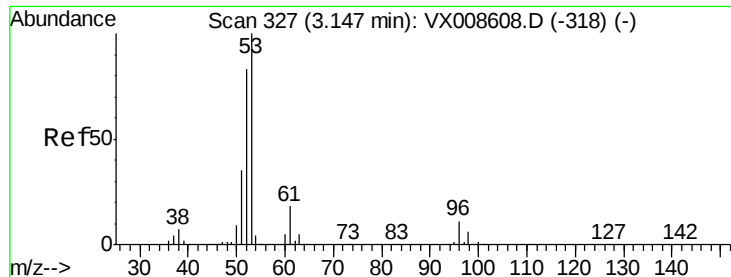
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 27.0 22.0 33.0





#15

Acrylonitrile

Concen: 88.908 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

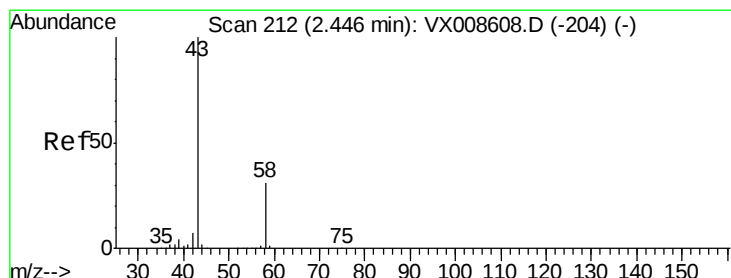
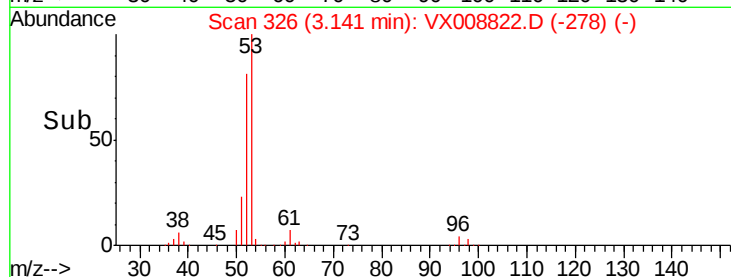
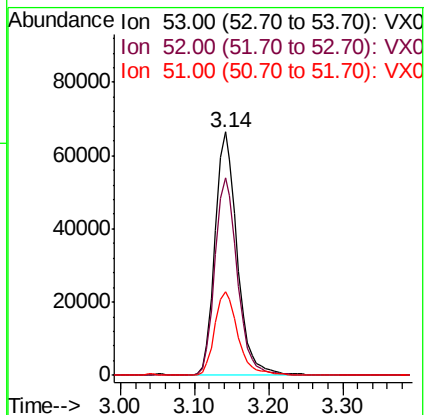
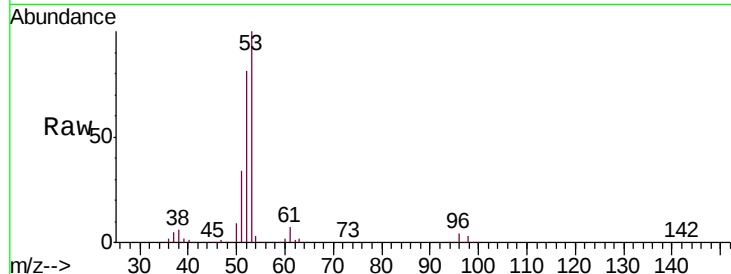
Tgt Ion: 53 Resp: 136384

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

51 35.9 28.6 42.8



#16

Acetone

Concen: 81.669 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008822.D

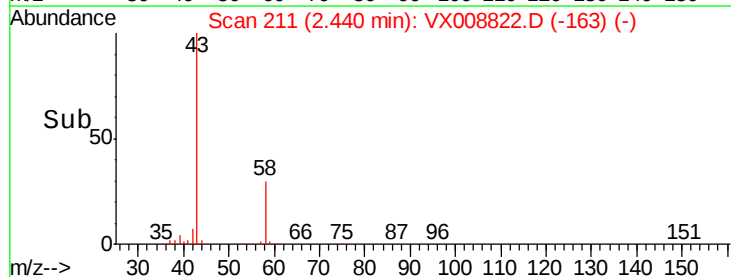
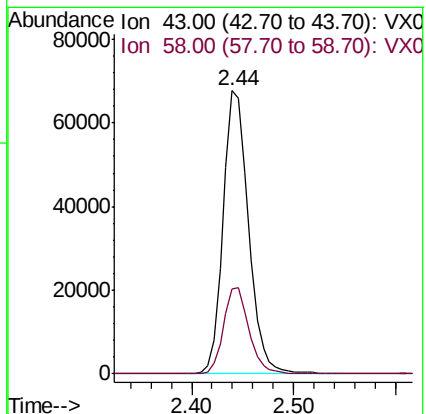
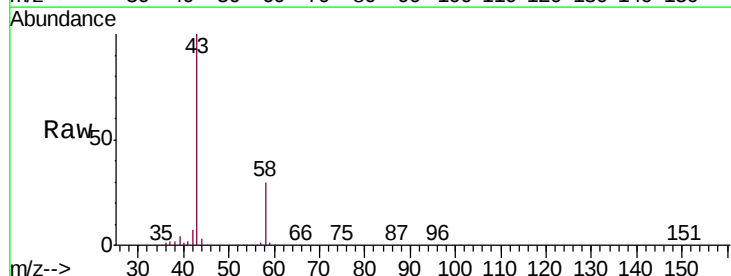
Acq: 10 Apr 2019 22:32

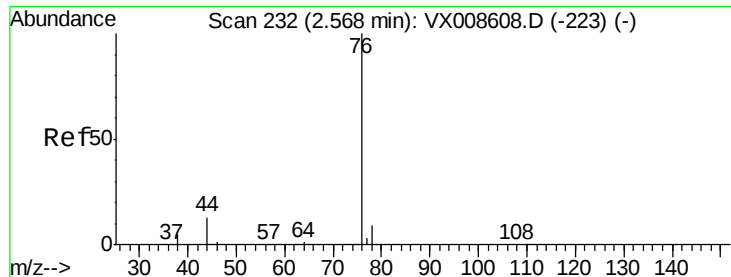
Tgt Ion: 43 Resp: 116344

Ion Ratio Lower Upper

43 100

58 29.9 24.8 37.2

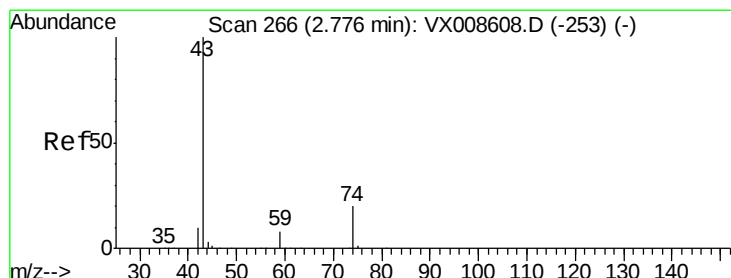
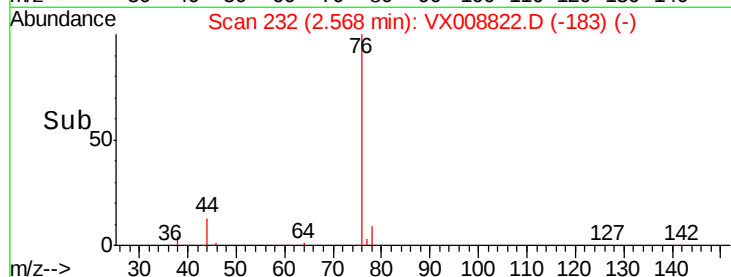
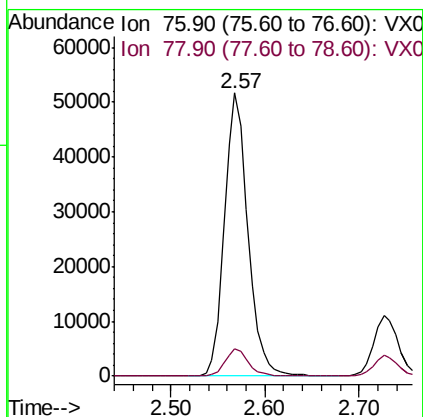
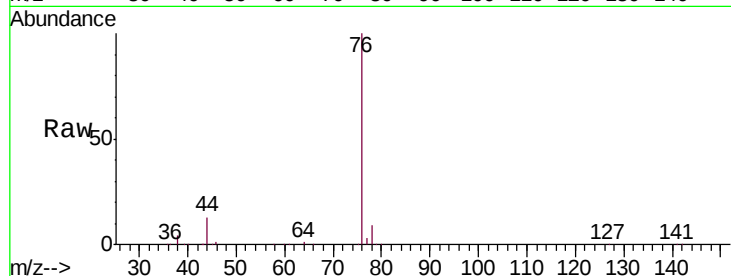




#17
Carbon Disulfide
Concen: 15.222 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

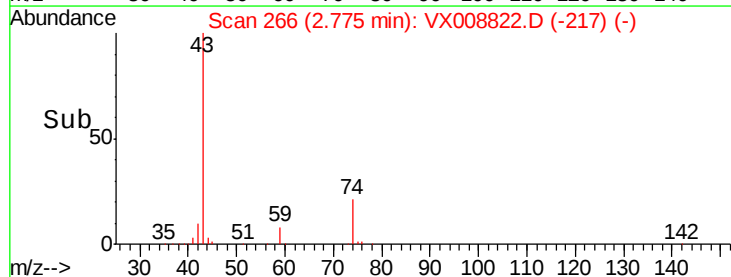
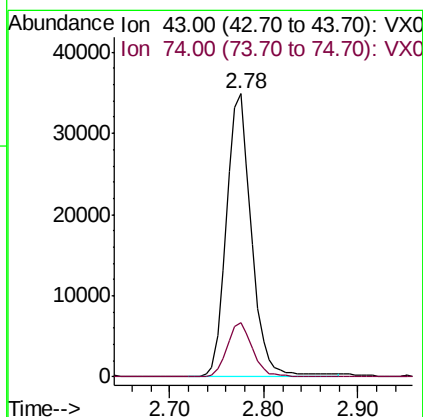
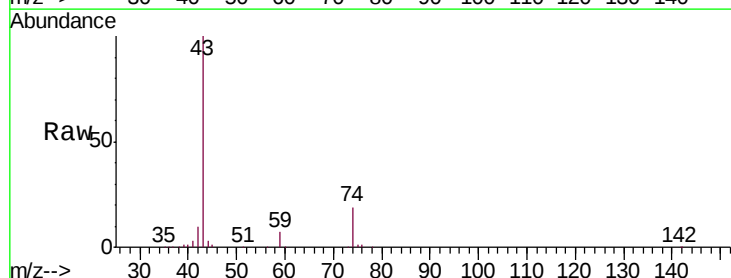
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

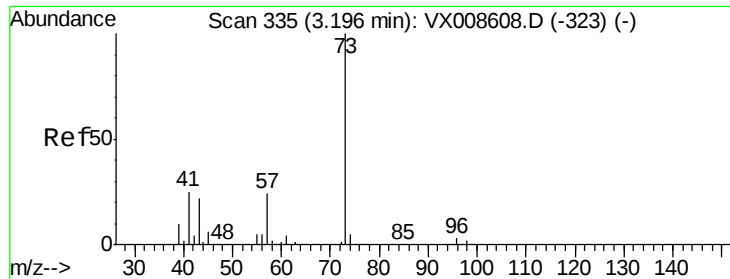
Tgt Ion: 76 Resp: 89090
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 18.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 43 Resp: 63912
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7



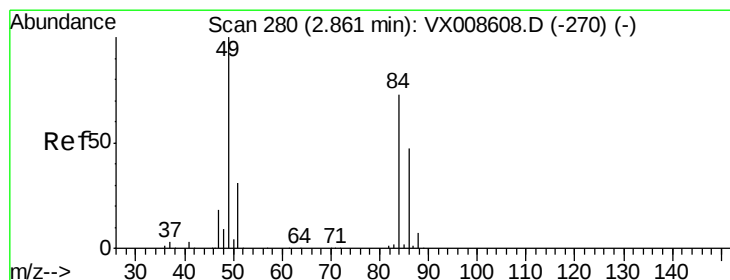
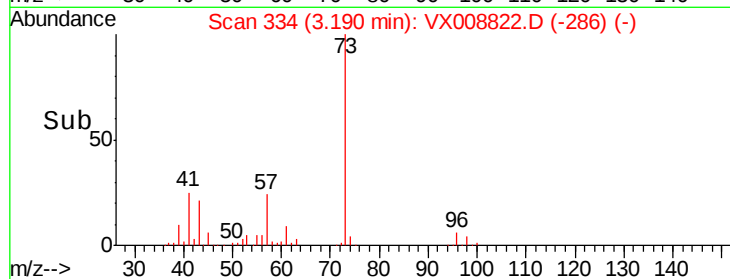
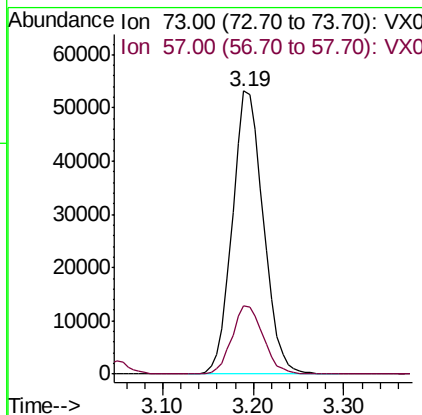
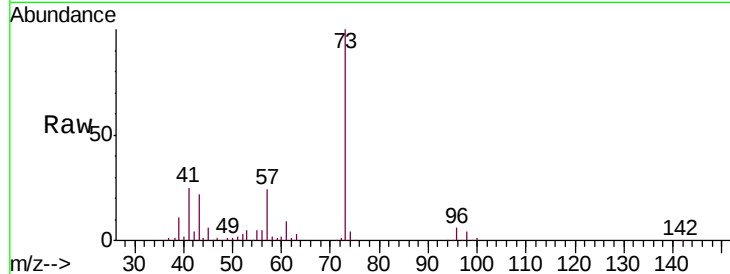


#19

Methyl tert-butyl Ether
 Concen: 18.033 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

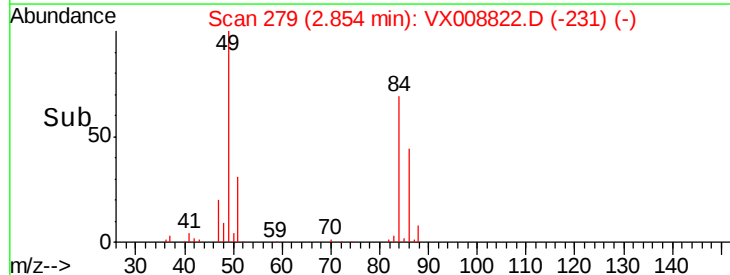
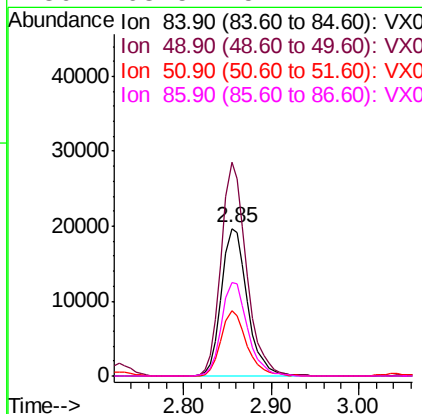
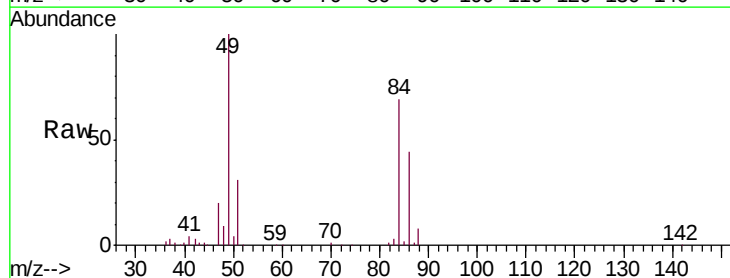
Tgt Ion: 73 Resp: 126249
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.5 29.3

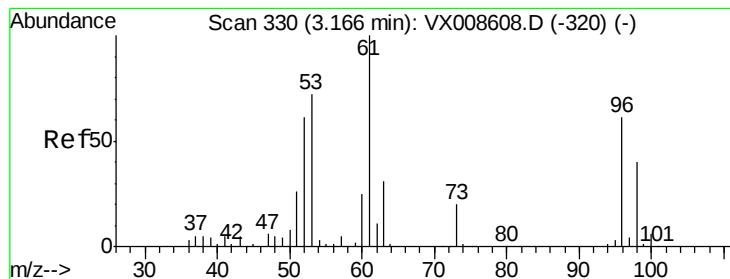


#20

Methylene Chloride
 Concen: 17.030 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 84 Resp: 40609
 Ion Ratio Lower Upper
 84 100
 49 144.8 109.7 164.5
 51 44.6 33.6 50.4
 86 63.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.590 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

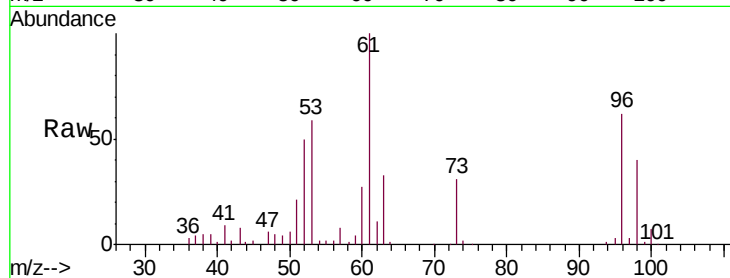
Tgt Ion: 96 Resp: 35180

Ion Ratio Lower Upper

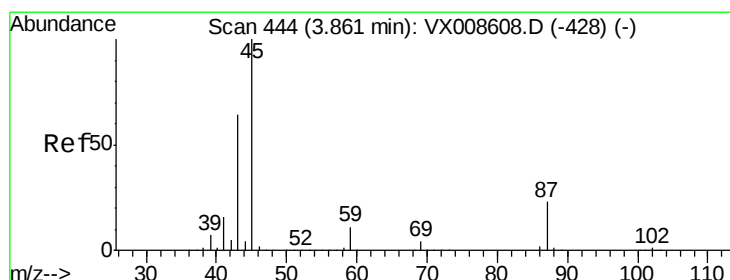
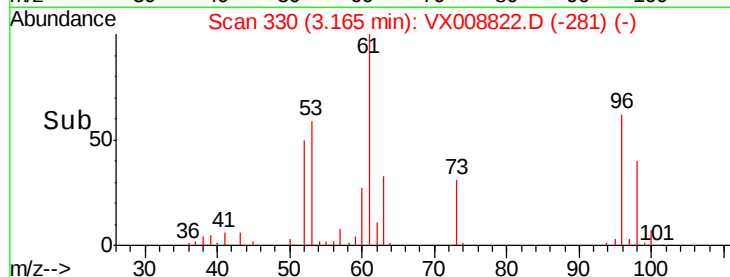
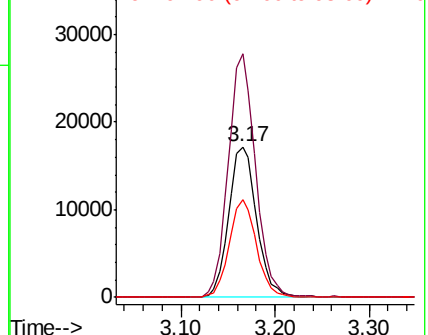
96 100

61 161.6 132.1 198.1

98 64.6 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: 18.110 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Tgt Ion: 45 Resp: 156649

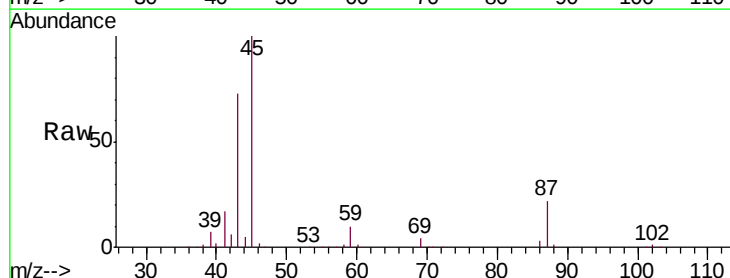
Ion Ratio Lower Upper

45 100

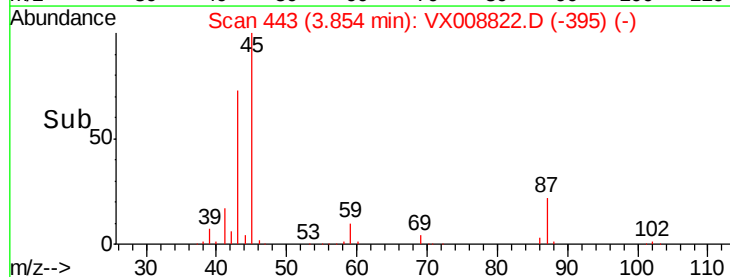
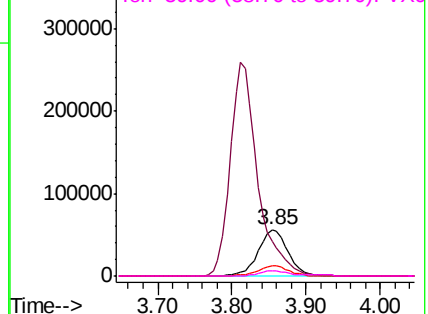
43 72.8 51.3 76.9

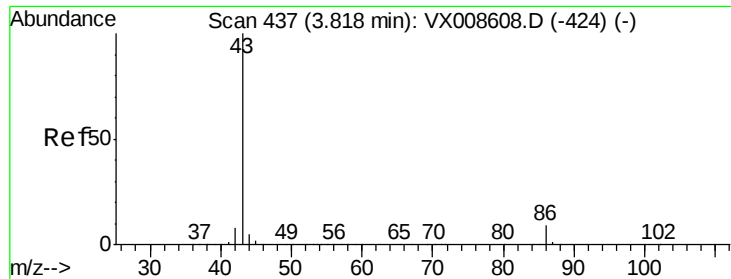
87 22.4 18.1 27.1

59 10.4 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: 89.197 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

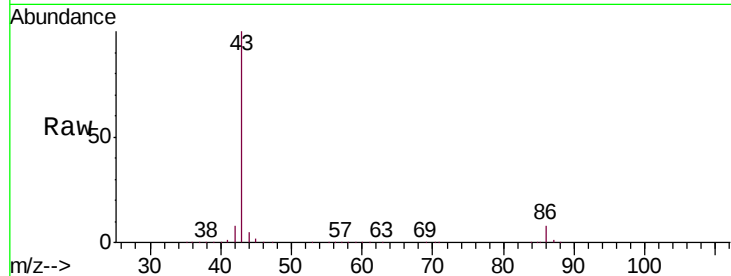
VX0410WBS02

Tgt Ion: 43 Resp: 671207

Ion Ratio Lower Upper

43 100

86 8.2 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

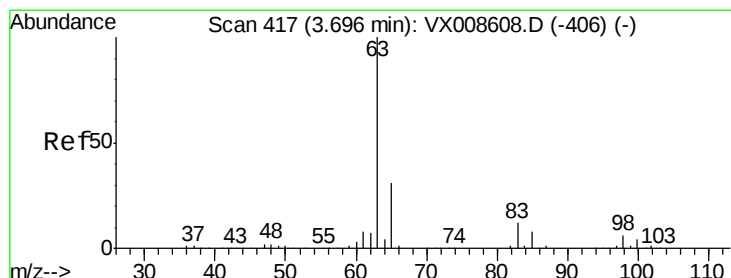
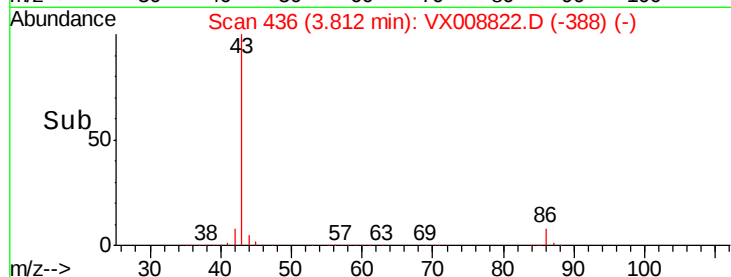
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.532 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

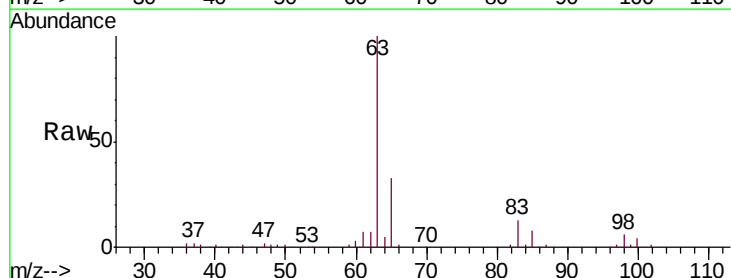
Tgt Ion: 63 Resp: 75083

Ion Ratio Lower Upper

63 100

98 6.2 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

40000

30000

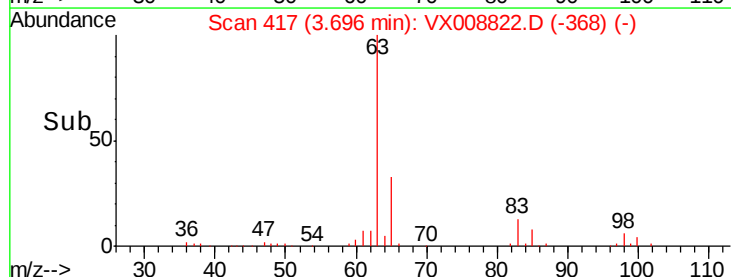
20000

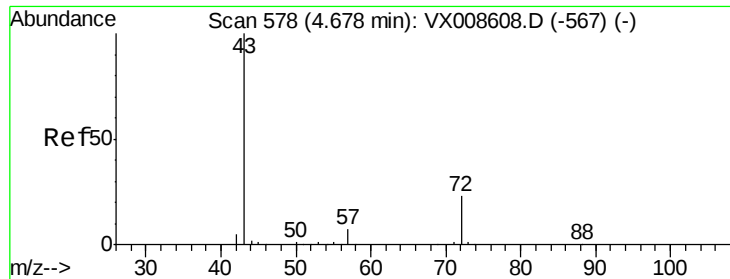
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 89.813 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

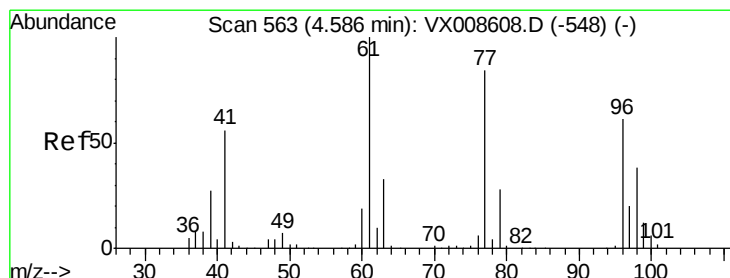
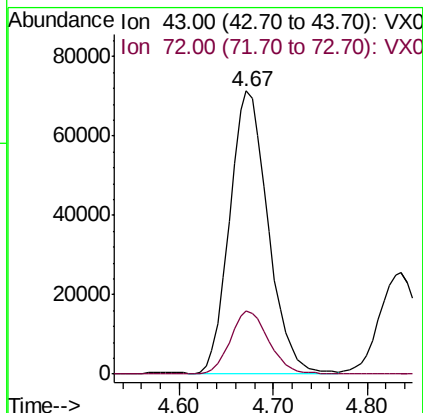
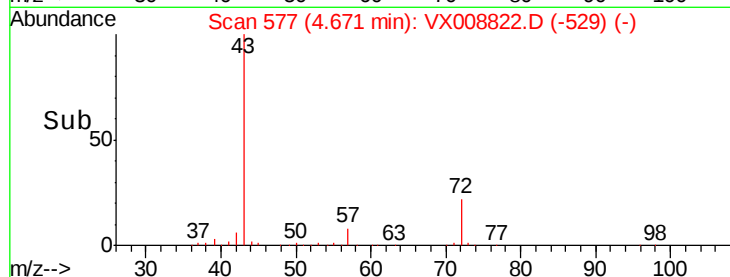
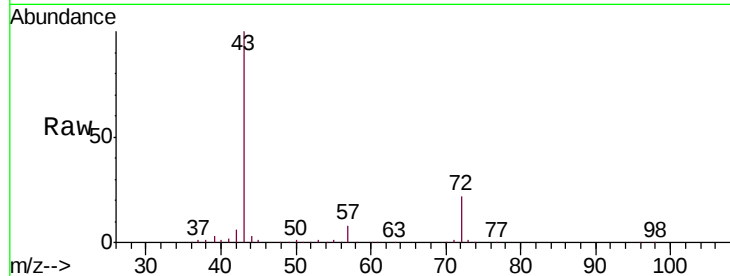
VX0410WBS02

Tgt Ion: 43 Resp: 202221

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.4



#26

2,2-Dichloropropane

Concen: 14.675 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008822.D

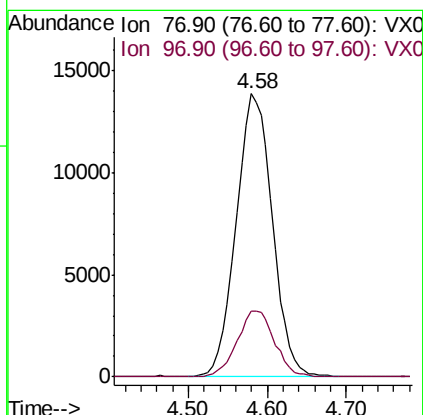
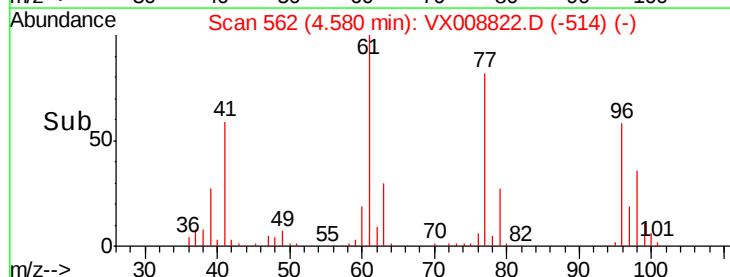
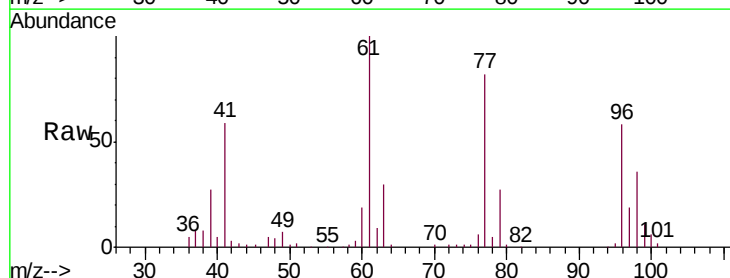
Acq: 10 Apr 2019 22:32

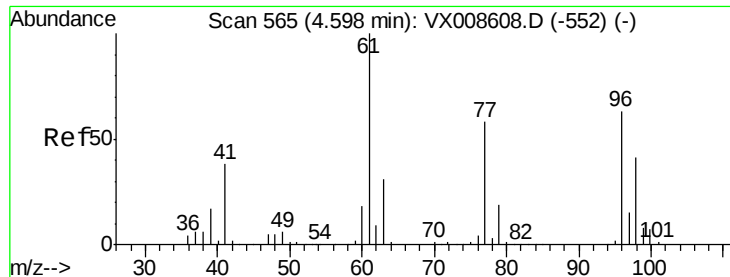
Tgt Ion: 77 Resp: 44267

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5



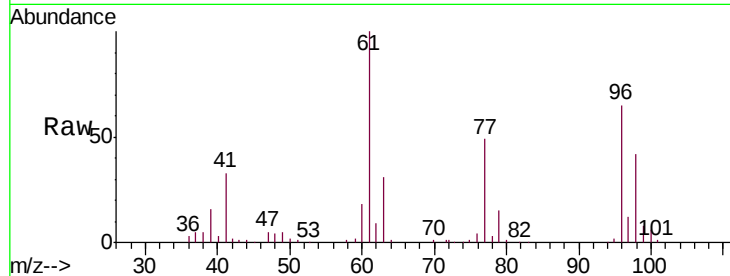


#27

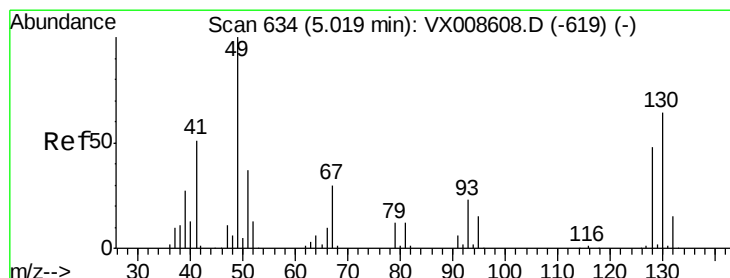
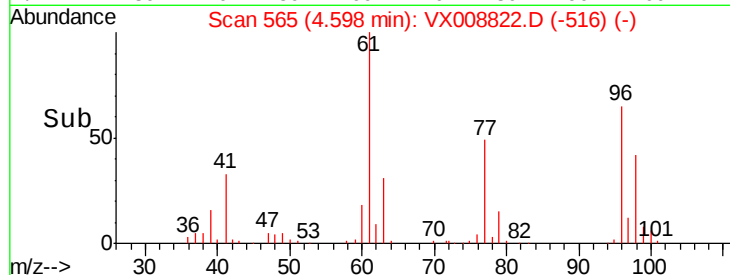
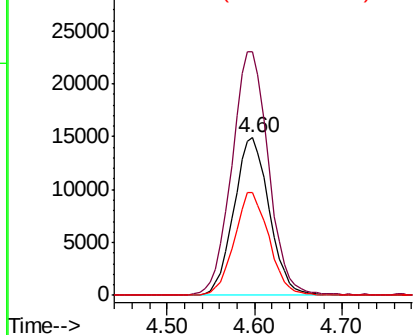
cis-1,2-Dichloroethene
Concen: 17.198 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion: 96 Resp: 41930
Ion Ratio Lower Upper
96 100
61 161.0 0.0 327.6
98 64.2 0.0 128.6



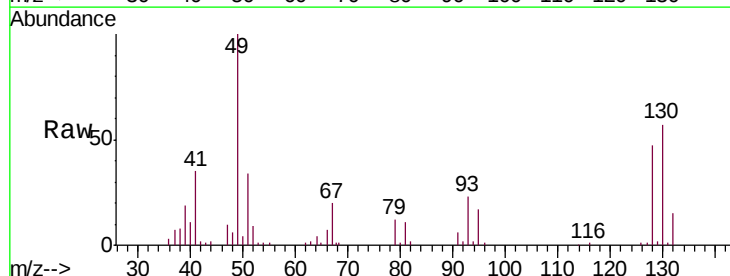
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



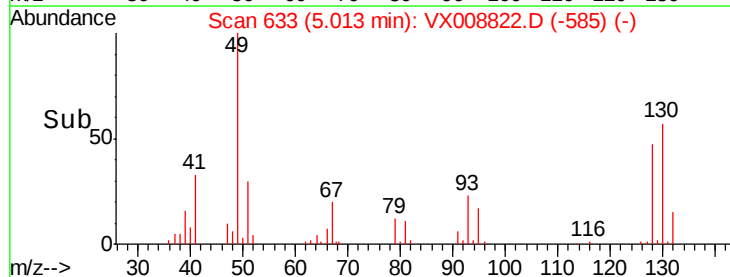
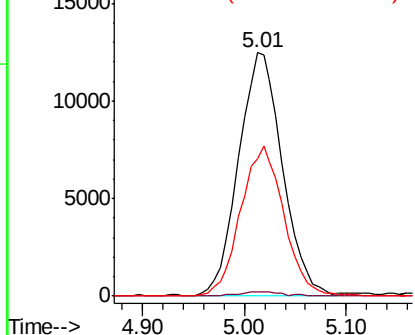
#28

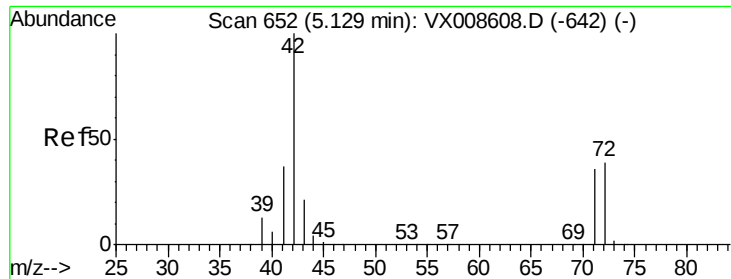
Bromochloromethane
Concen: 18.918 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 49 Resp: 37209
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 60.9 49.3 73.9



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

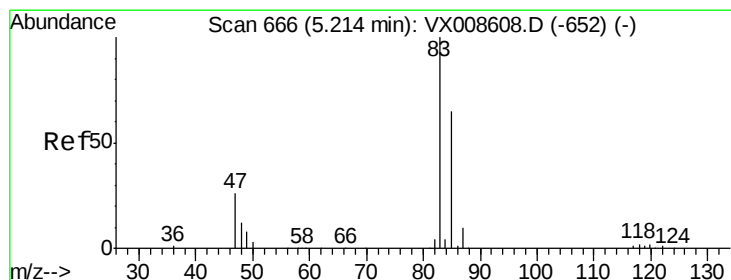
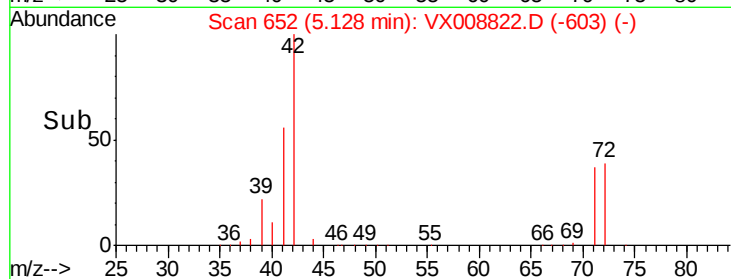
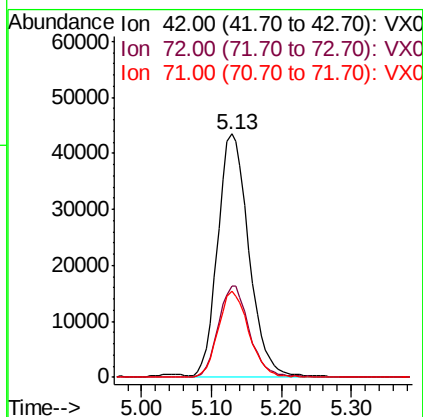
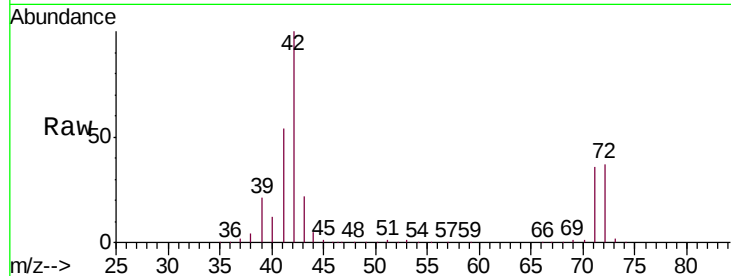




#29
Tetrahydrofuran
Concen: 89.161 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

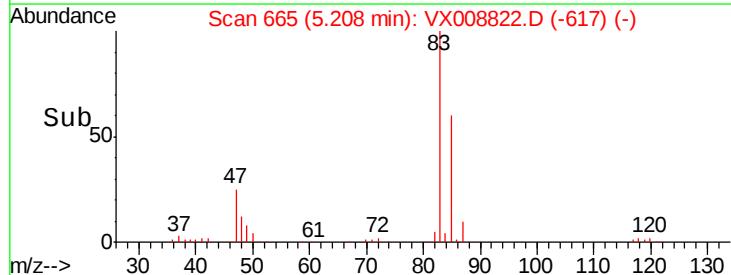
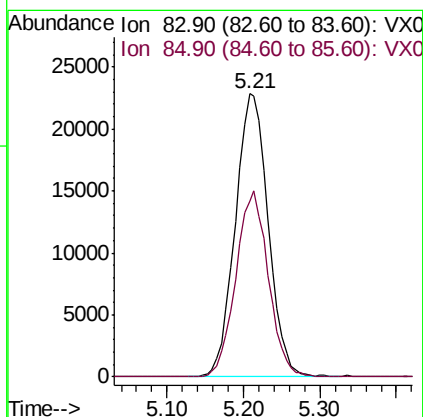
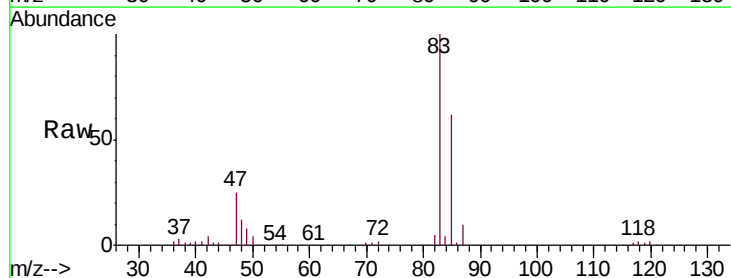
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

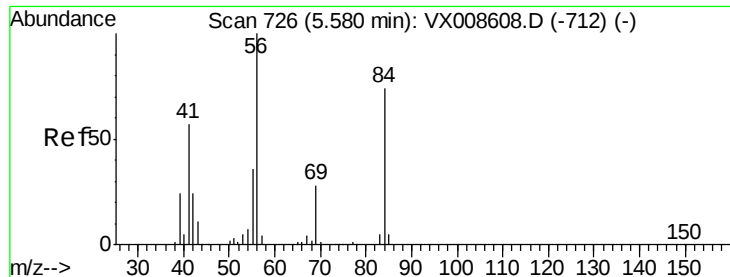
Tgt Ion: 42 Resp: 133245
Ion Ratio Lower Upper
42 100
72 38.0 30.5 45.7
71 35.4 28.6 43.0



#30
Chloroform
Concen: 17.874 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 83 Resp: 68373
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1

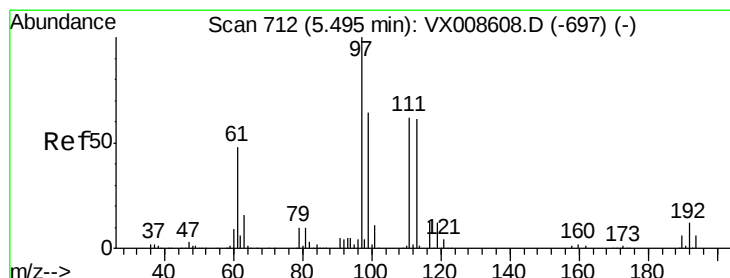
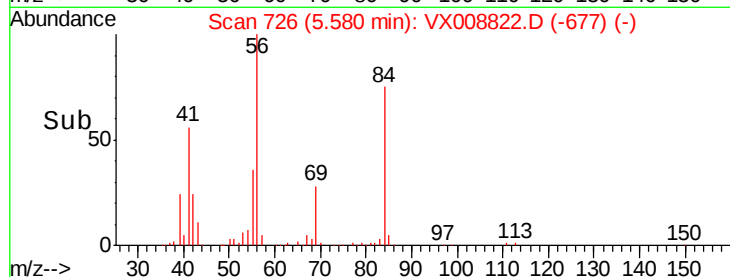
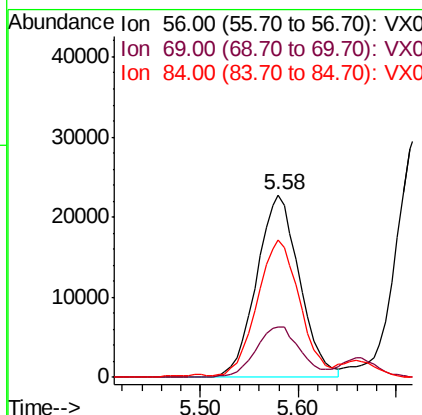
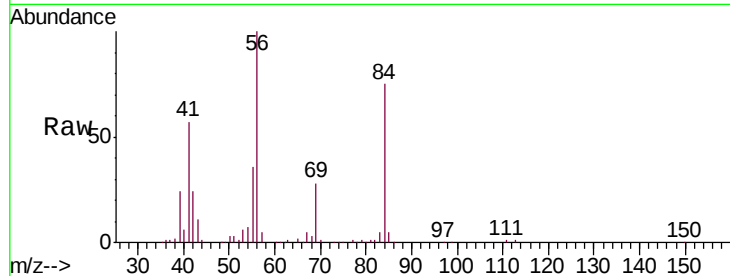




#31
Cyclohexane
Concen: 16.315 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

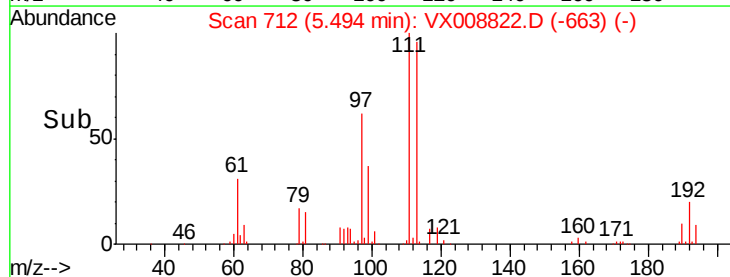
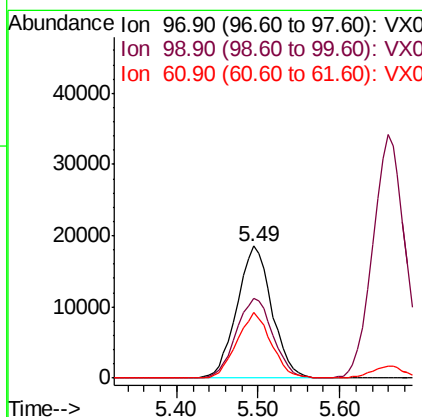
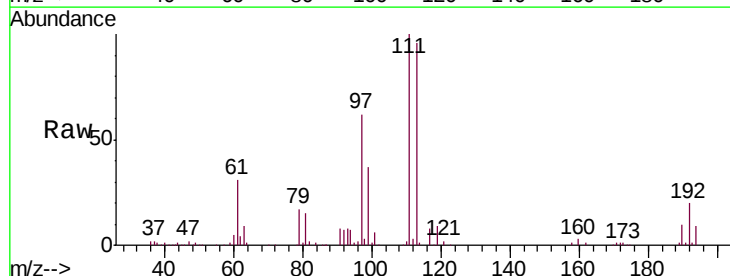
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

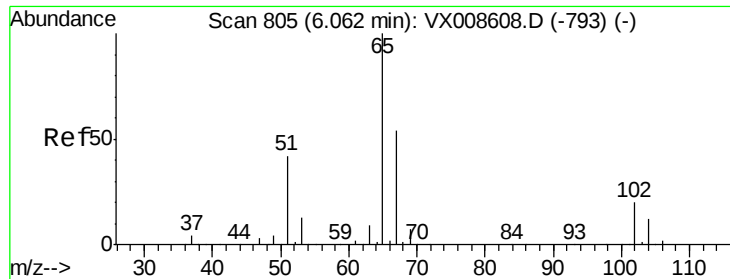
Tgt Ion: 56 Resp: 69721
Ion Ratio Lower Upper
56 100
69 27.7 22.6 33.8
84 74.0 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 17.820 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 97 Resp: 55083
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 49.0 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 45.993 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

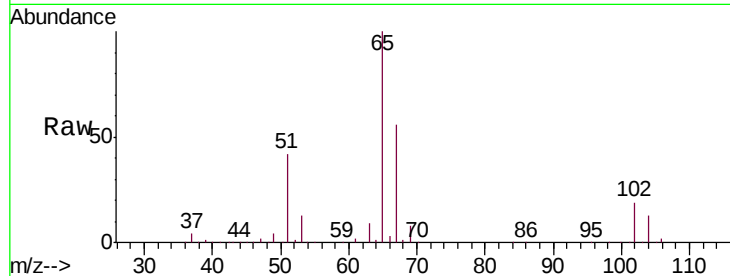
VX0410WBS02

Tgt Ion: 65 Resp: 113757

Ion Ratio Lower Upper

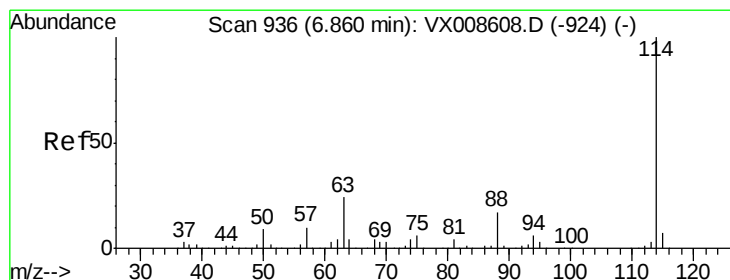
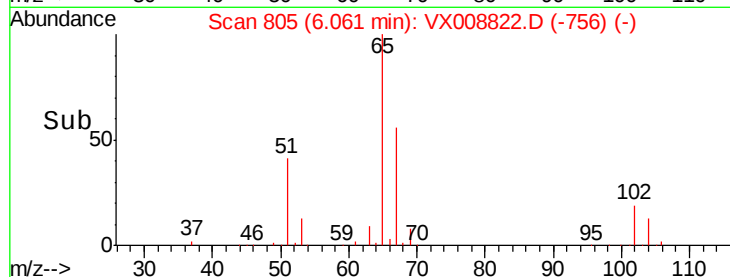
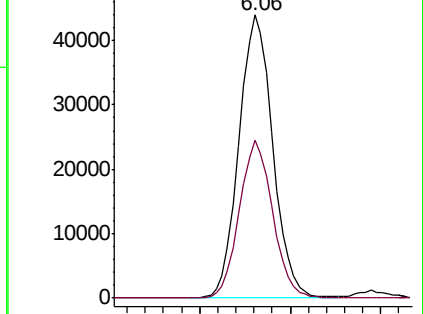
65 100

67 55.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

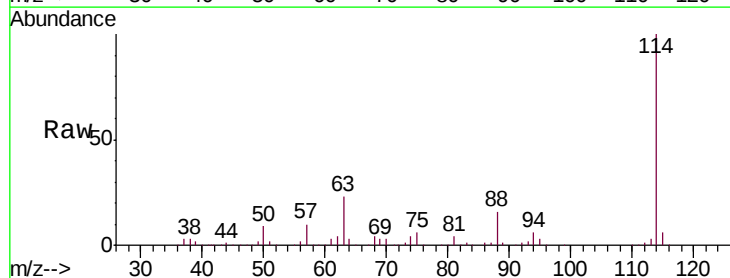
Tgt Ion: 114 Resp: 281404

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

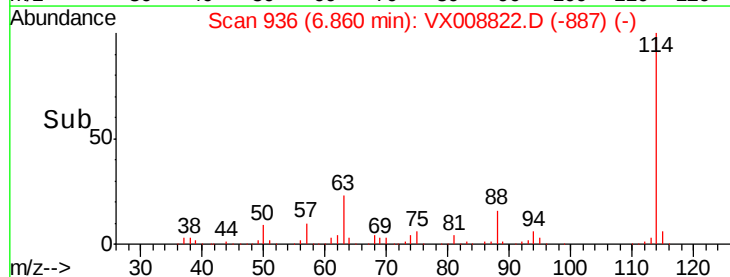
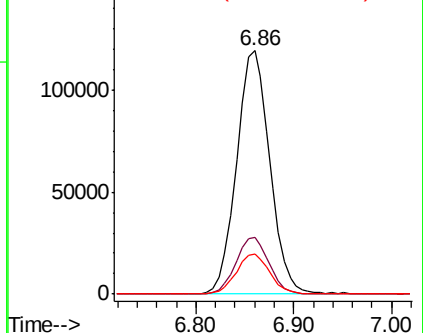
88 16.2 0.0 34.0

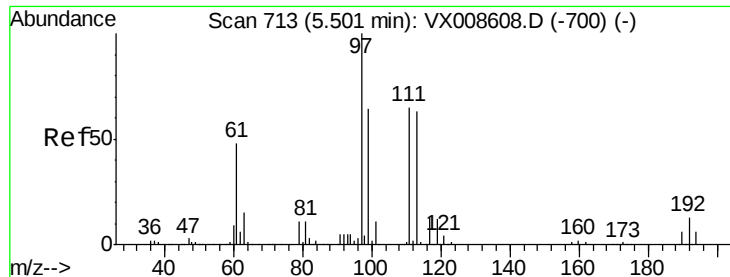


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.492 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

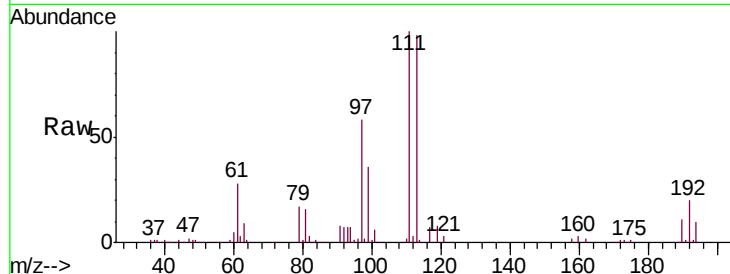
Tgt Ion:113 Resp: 83648

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

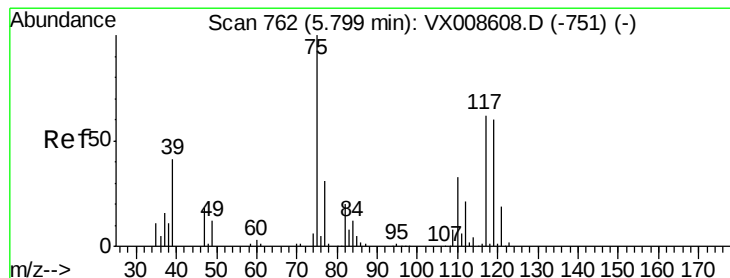
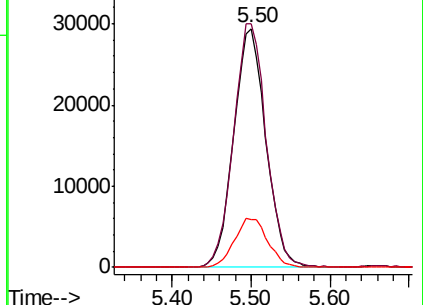
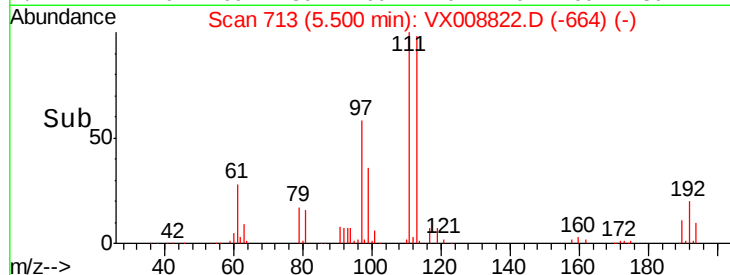
192 21.2 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.421 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

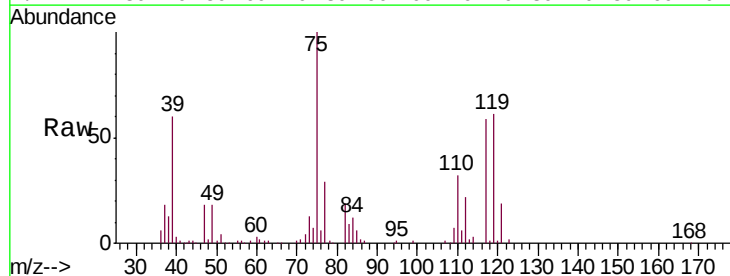
Tgt Ion: 75 Resp: 50513

Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.2

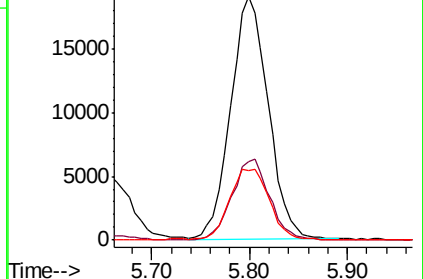
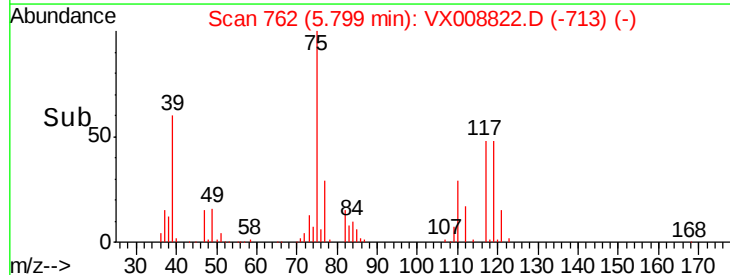
77 31.6 24.7 37.1

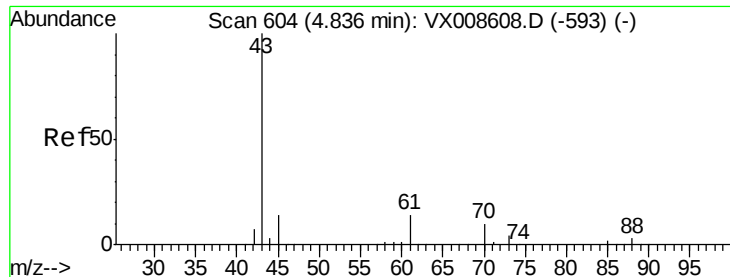


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

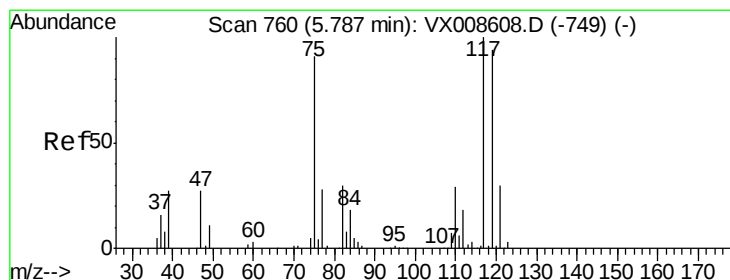
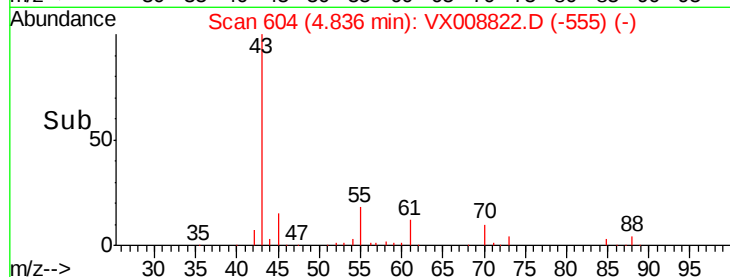
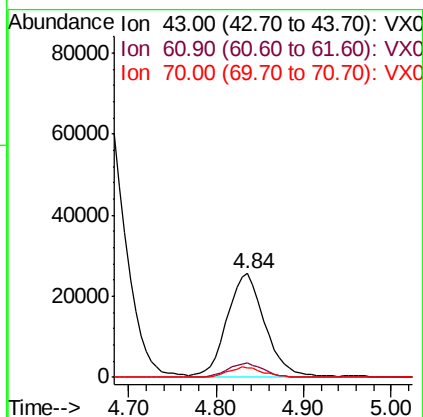
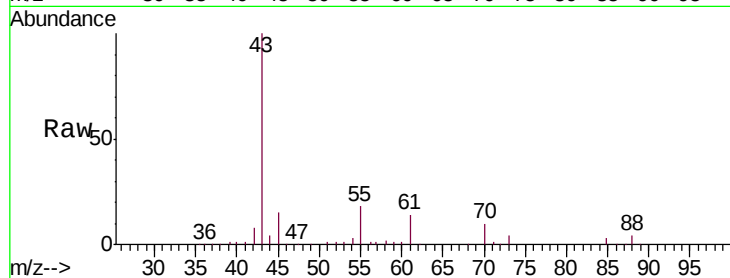




#37
Ethyl Acetate
Concen: 18.416 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

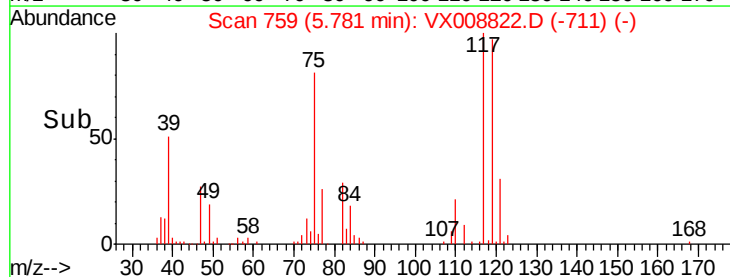
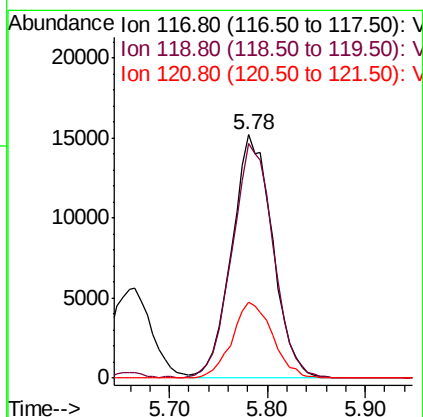
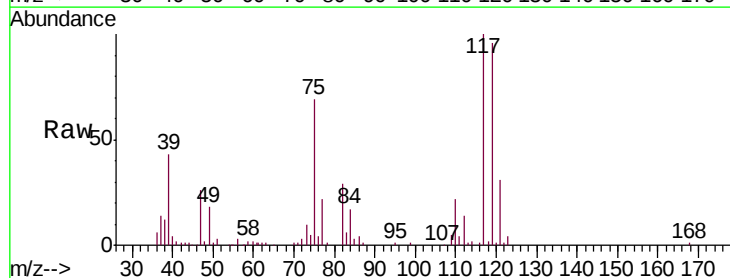
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion: 43 Resp: 75614
Ion Ratio Lower Upper
43 100
61 13.8 10.3 15.5
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.303 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 117 Resp: 44051
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
121 31.2 24.3 36.5

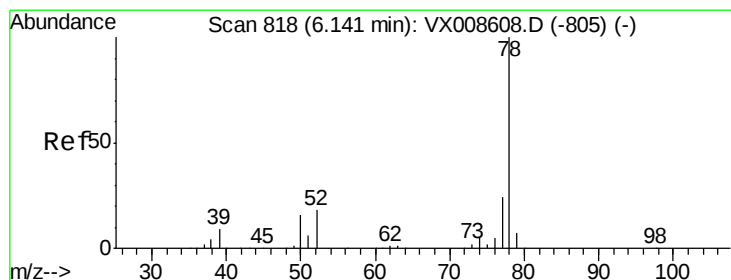
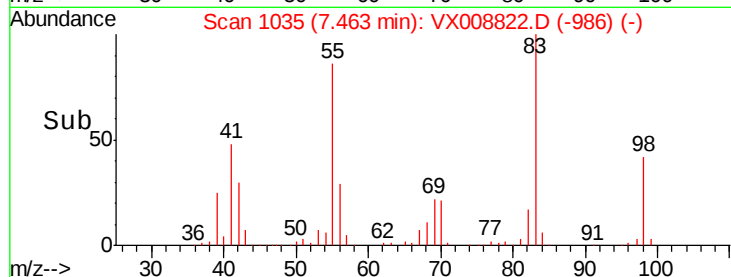
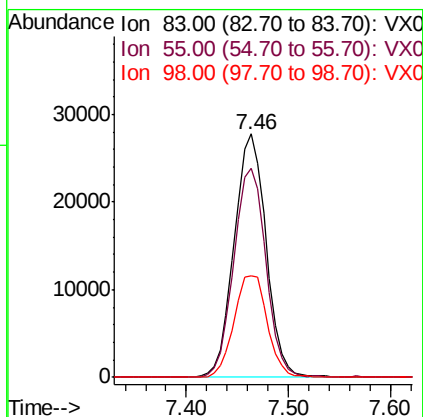
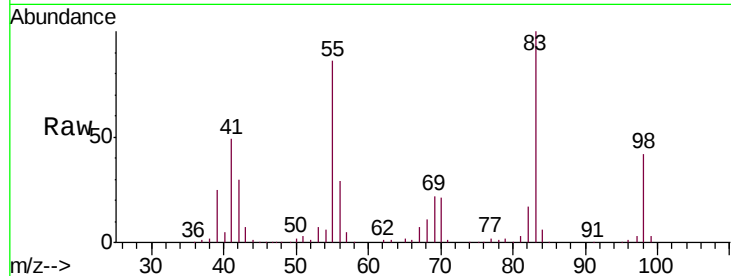




#39
Methylcyclohexane
Concen: 15.853 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

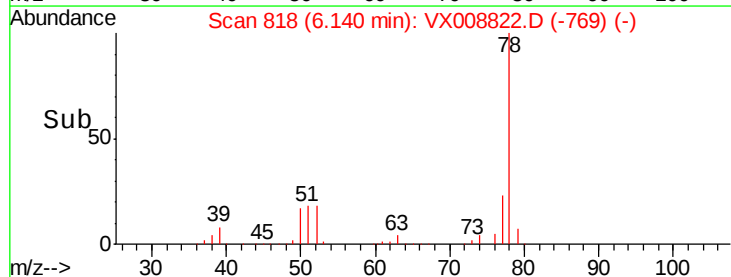
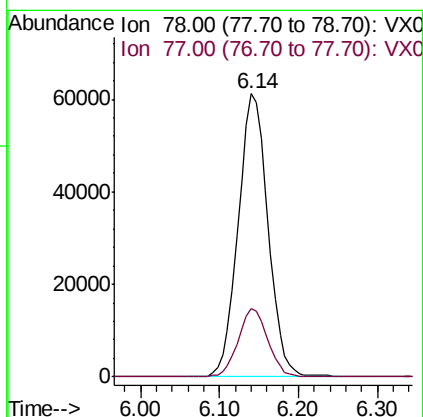
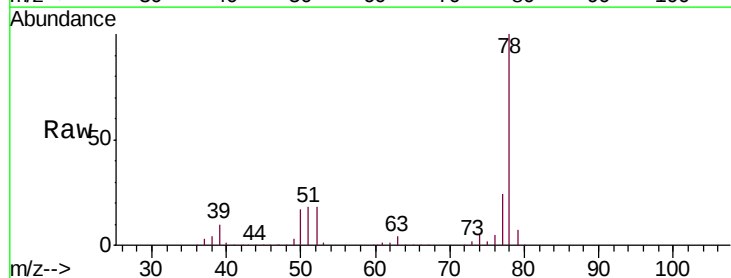
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

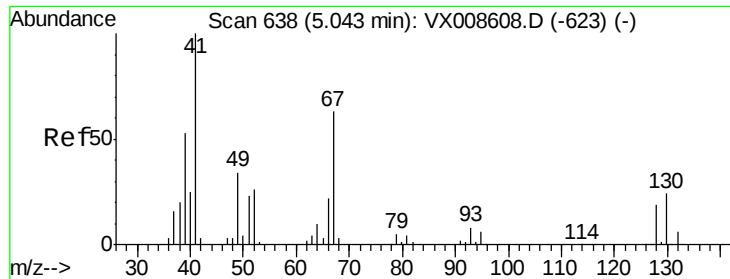
Tgt Ion: 83 Resp: 60241
Ion Ratio Lower Upper
83 100
55 85.8 69.0 103.6
98 41.8 34.4 51.6



#40
Benzene
Concen: 17.572 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 78 Resp: 161027
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

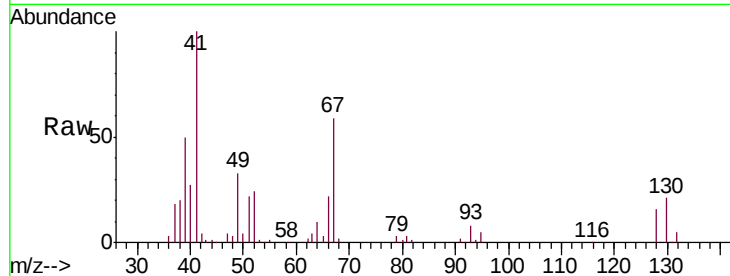




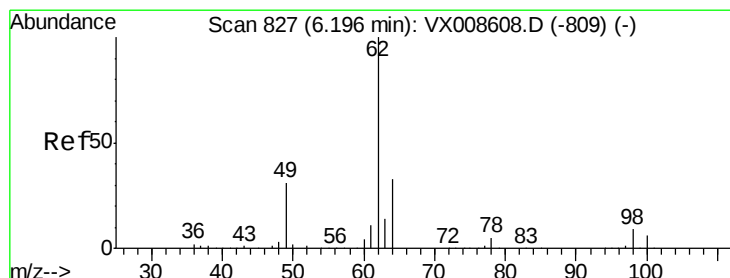
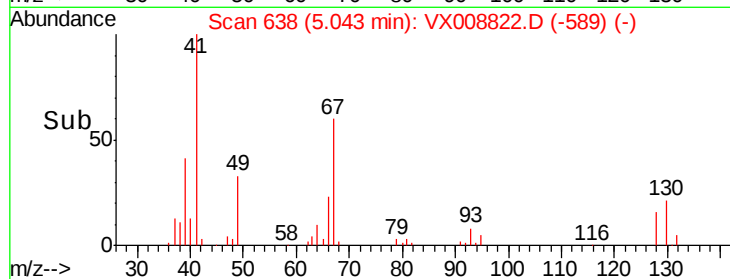
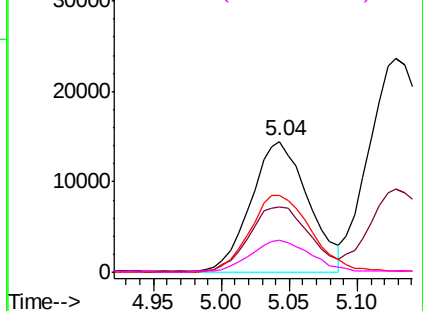
#41
Methacrylonitrile
Concen: 17.970 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion:	41	Resp:	42410
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.1	63.1
67	63.6	51.0	76.6
52	25.8	21.4	32.0

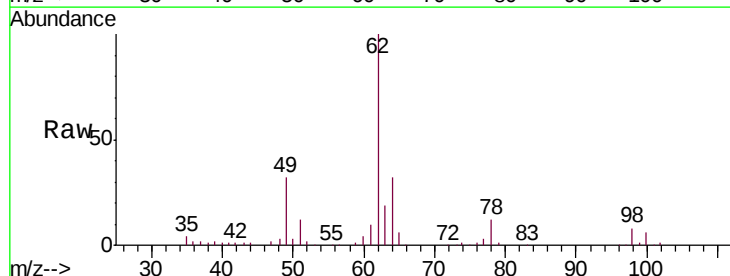


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

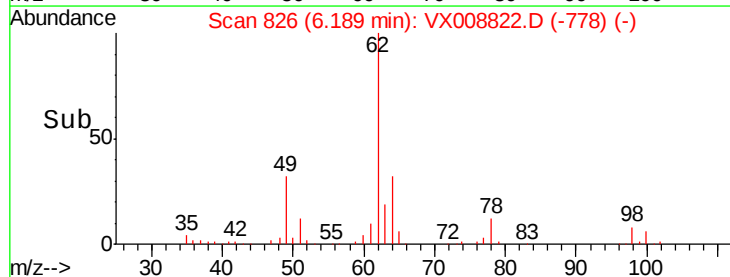
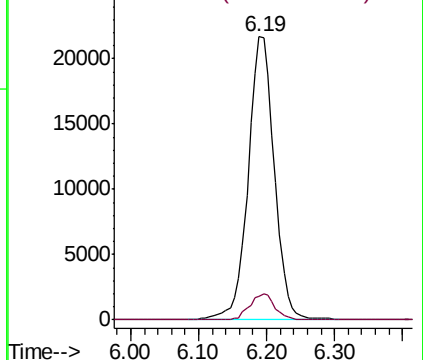


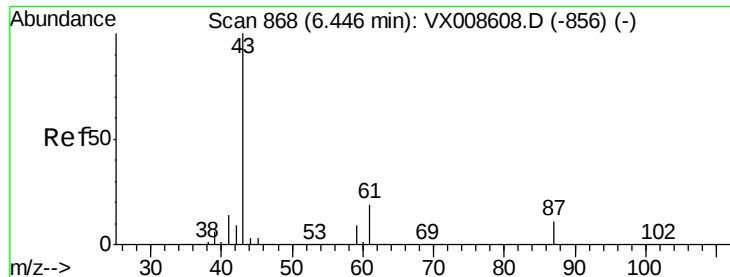
#42
1,2-Dichloroethane
Concen: 17.691 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:	62	Resp:	58120
Ion	Ratio	Lower	Upper
62	100		
98	8.9	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: 18.143 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

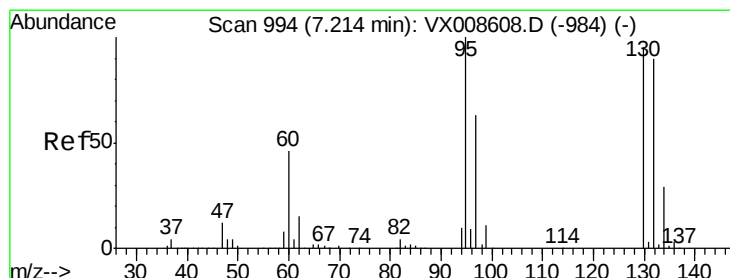
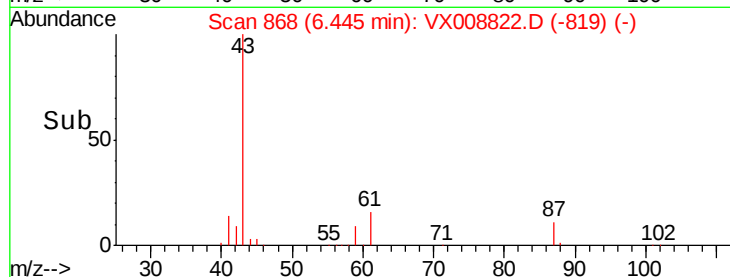
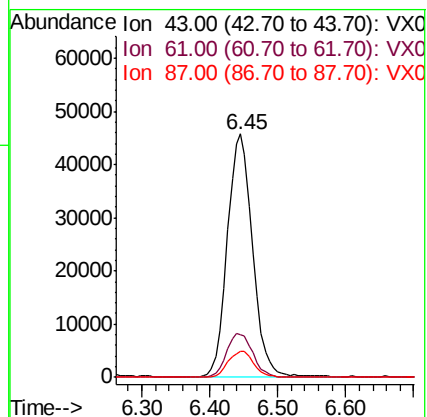
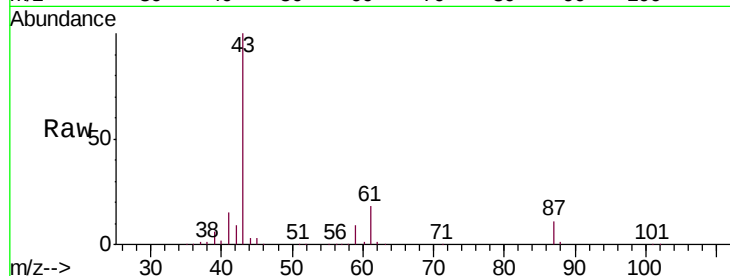
Tgt Ion: 43 Resp: 116690

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9

87 11.1 9.0 13.6



#44

Trichloroethene

Concen: 17.340 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008822.D

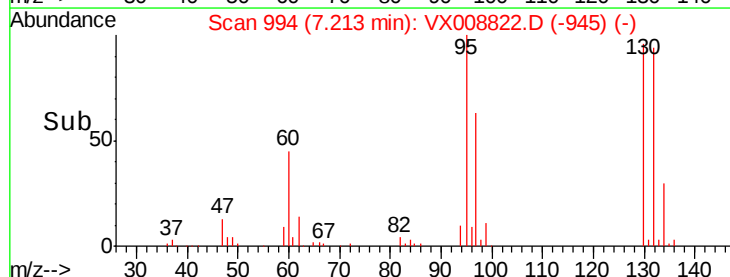
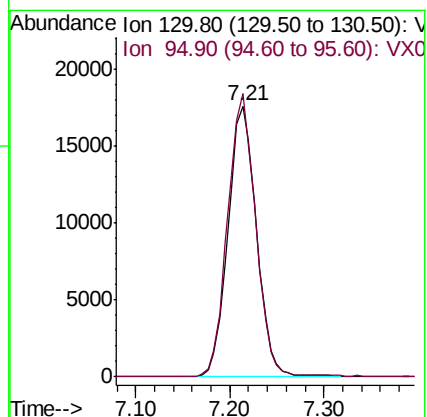
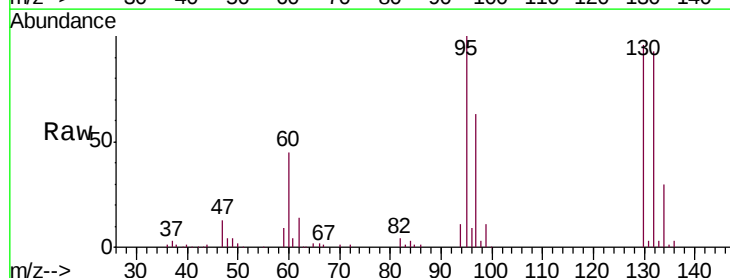
Acq: 10 Apr 2019 22:32

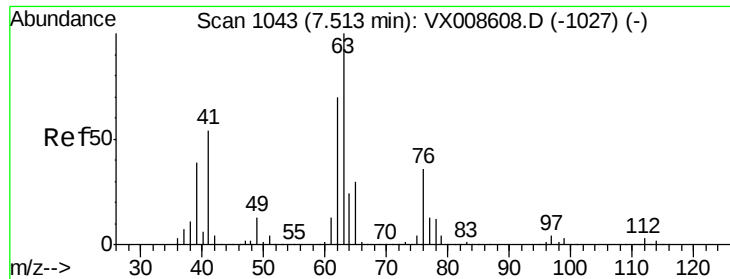
Tgt Ion: 130 Resp: 37010

Ion Ratio Lower Upper

130 100

95 104.5 0.0 209.8





#45

1,2-Dichloropropane

Concen: 17.519 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

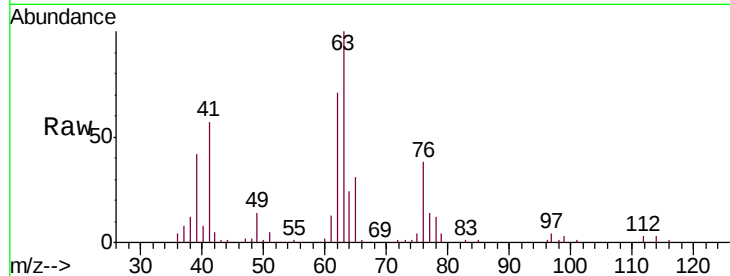
VX0410WBS02

Tgt Ion: 63 Resp: 45822

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

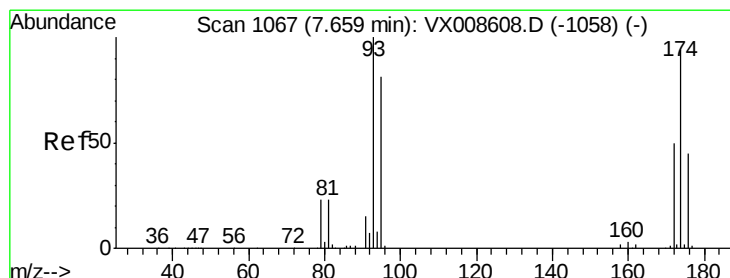
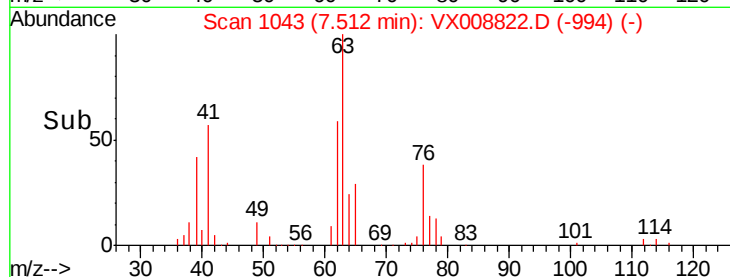
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 17.035 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

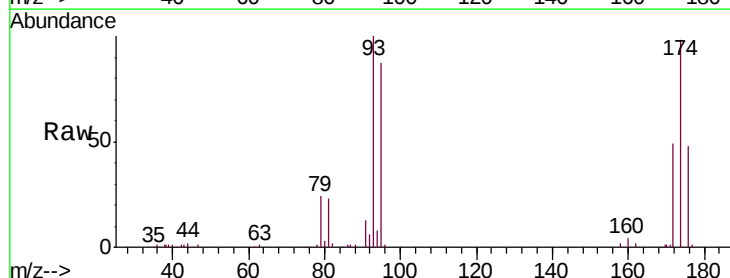
Tgt Ion: 93 Resp: 25842

Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 100.3 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

15000

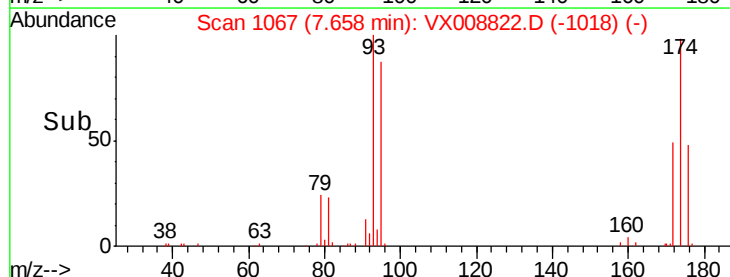
10000

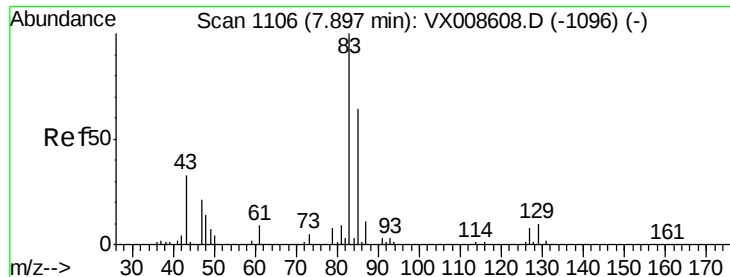
5000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 17.943 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

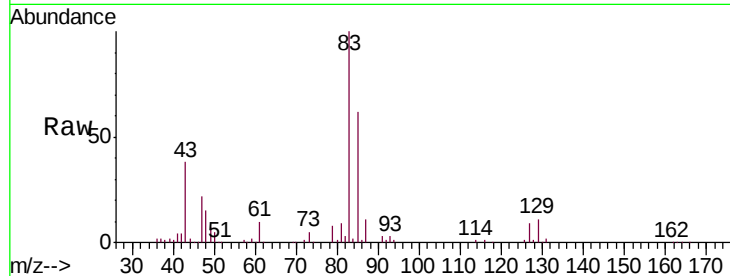
Tgt Ion: 83 Resp: 51323

Ion Ratio Lower Upper

83 100

85 61.7 51.2 76.8

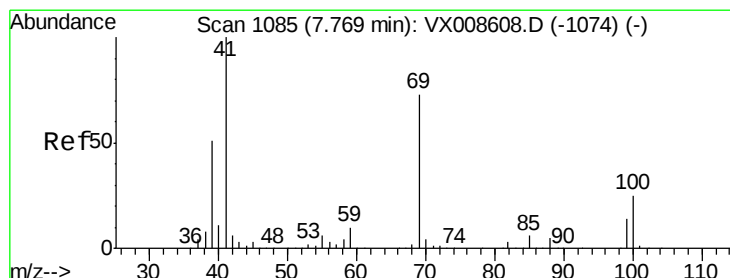
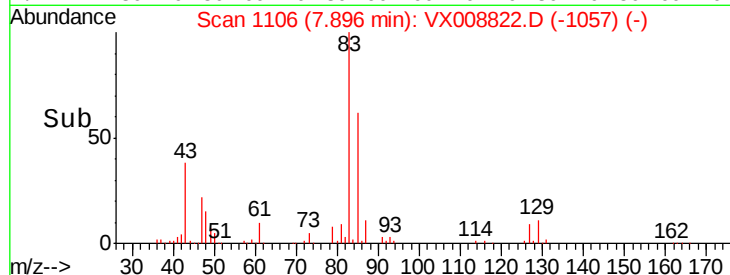
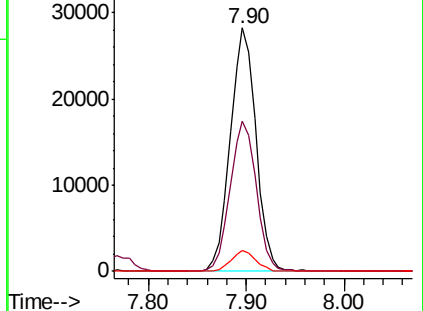
127 8.5 6.6 10.0



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: 18.094 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

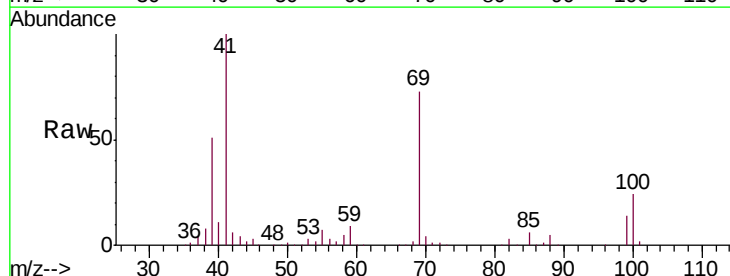
Tgt Ion: 41 Resp: 58871

Ion Ratio Lower Upper

41 100

69 73.5 59.0 88.4

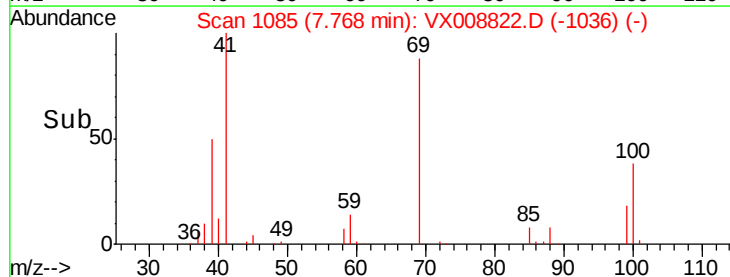
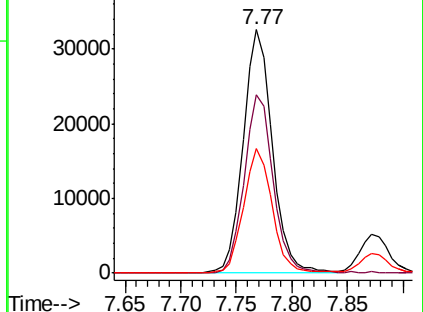
39 50.2 41.0 61.4

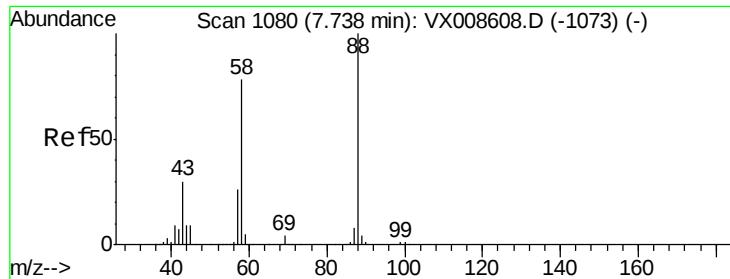


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

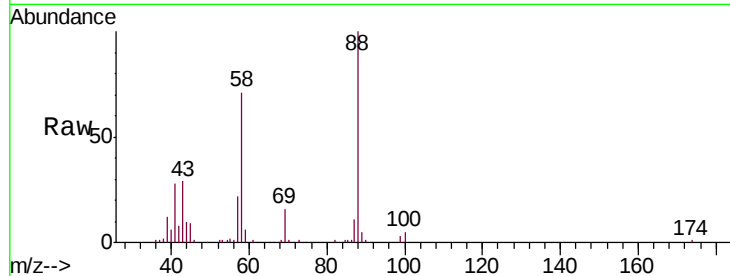




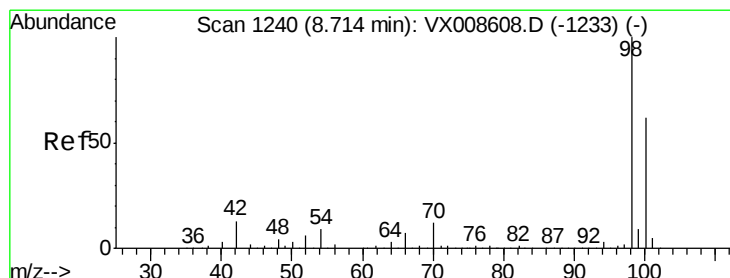
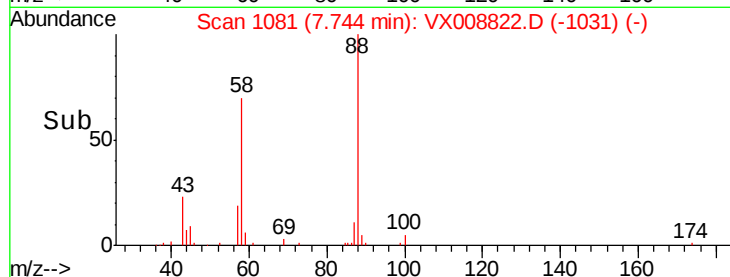
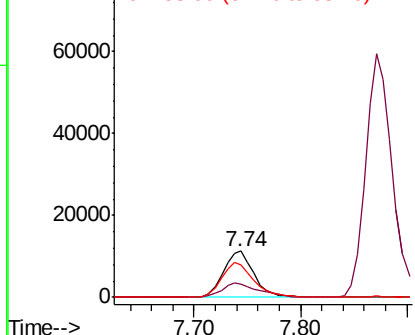
#49
1,4-Dioxane
Concen: 369.544 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion: 88 Resp: 22523
Ion Ratio Lower Upper
88 100
43 35.9 28.6 43.0
58 79.4 62.2 93.2

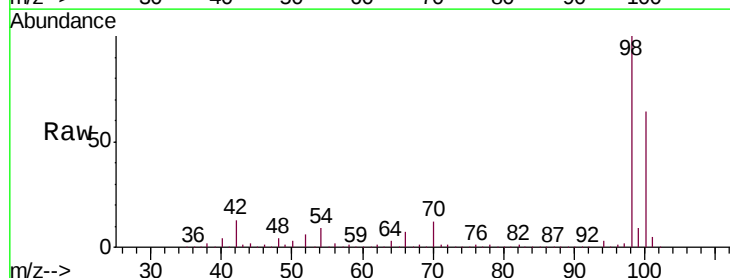


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

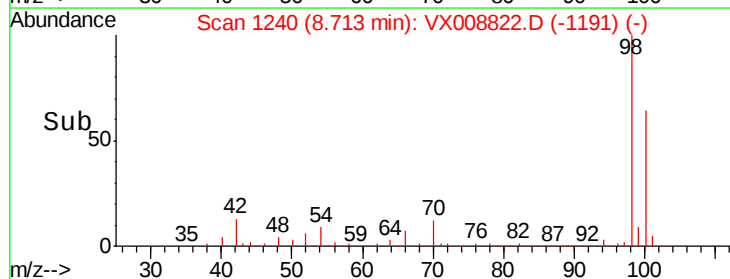
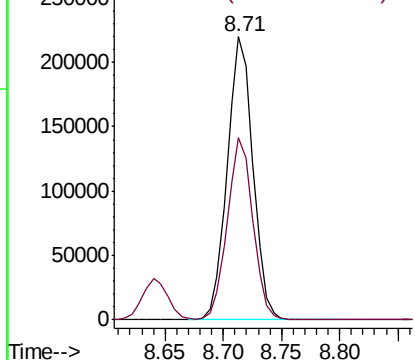


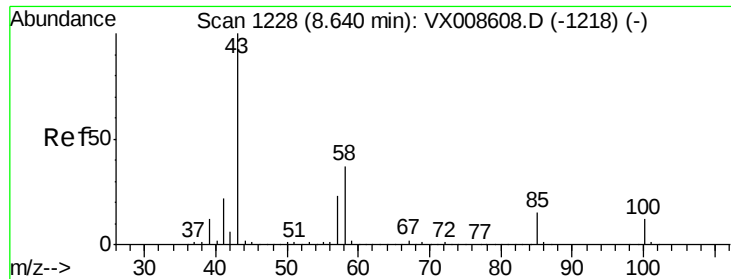
#50
Toluene-d8
Concen: 47.165 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 98 Resp: 337886
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 95.481 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

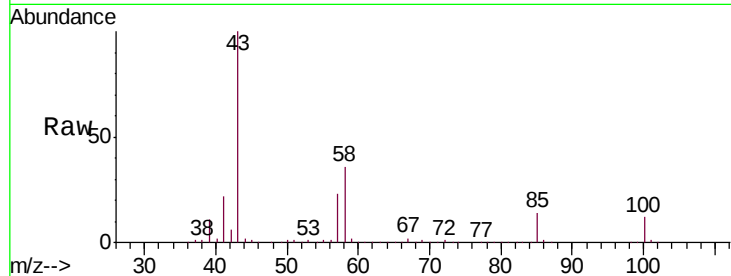
VX0410WBS02

Tgt Ion: 43 Resp: 395329

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

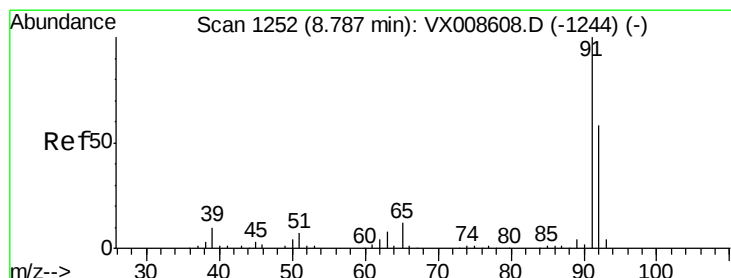
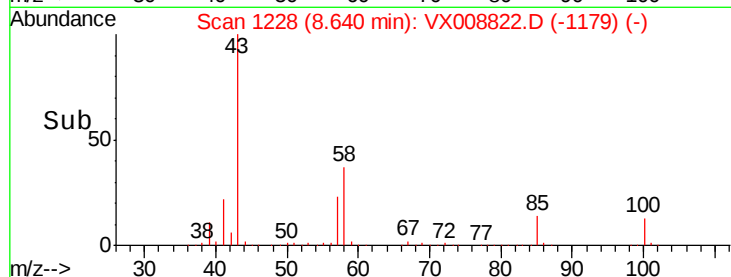
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.915 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008822.D

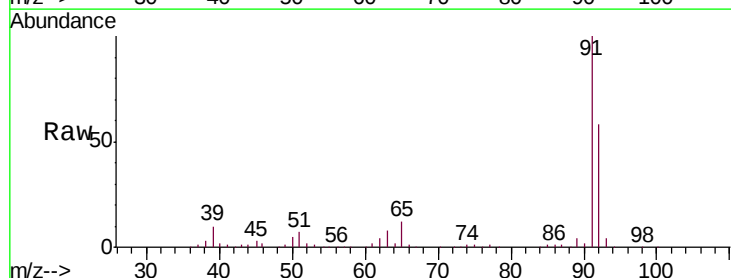
Acq: 10 Apr 2019 22:32

Tgt Ion: 92 Resp: 96786

Ion Ratio Lower Upper

92 100

91 173.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

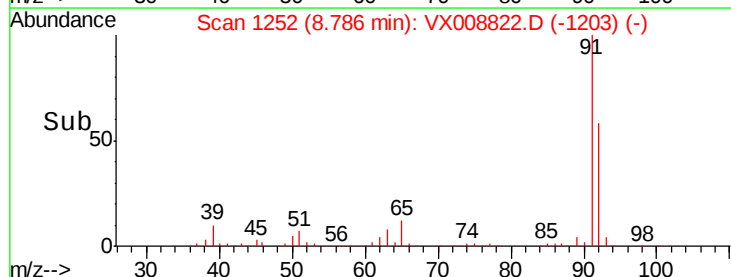
60000

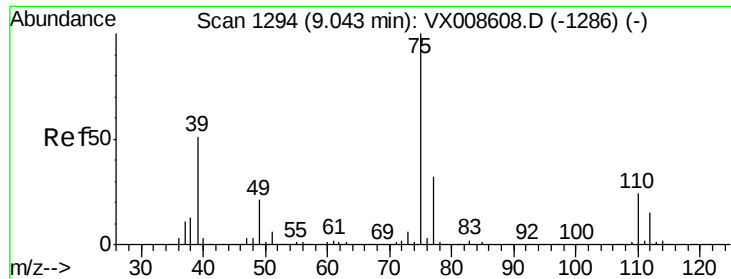
40000

20000

0

Time-->

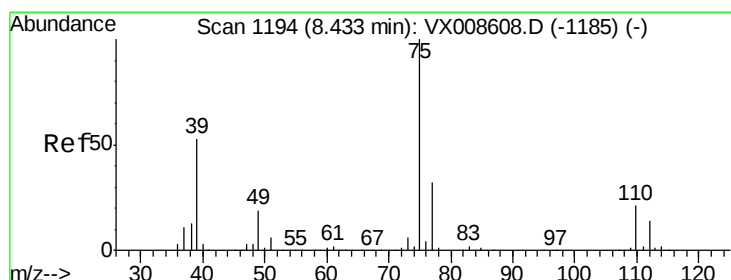
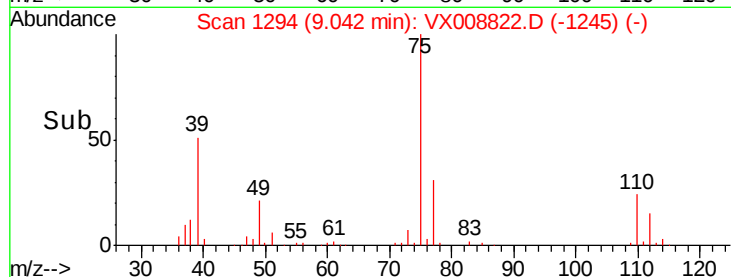
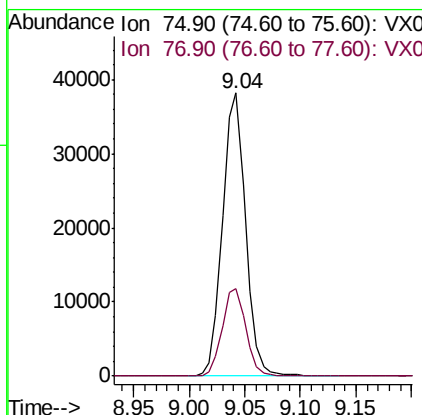
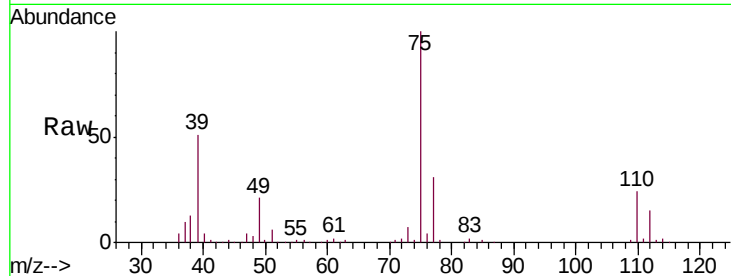




#53
 t-1,3-Dichloropropene
 Concen: 17.104 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

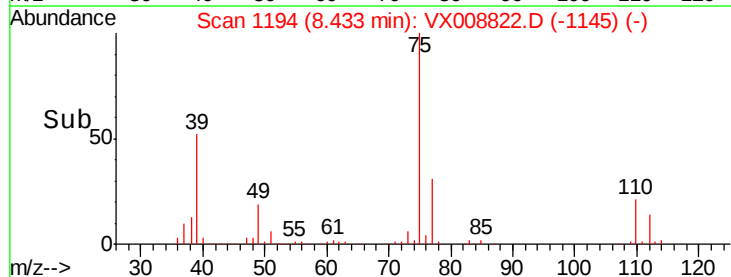
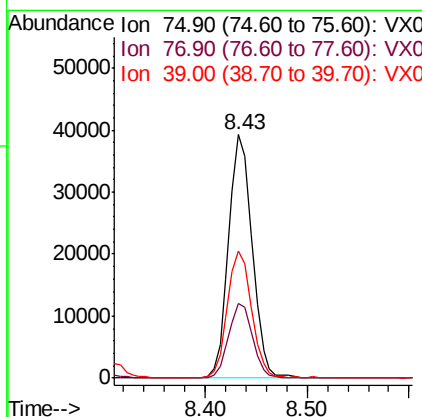
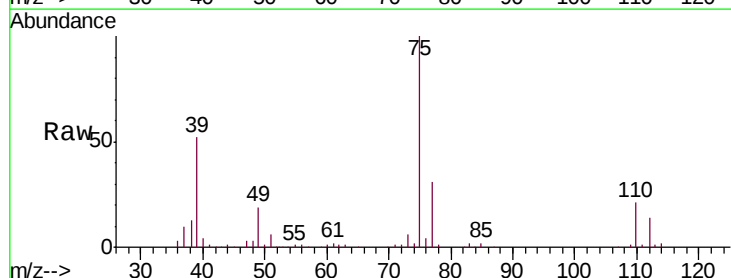
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

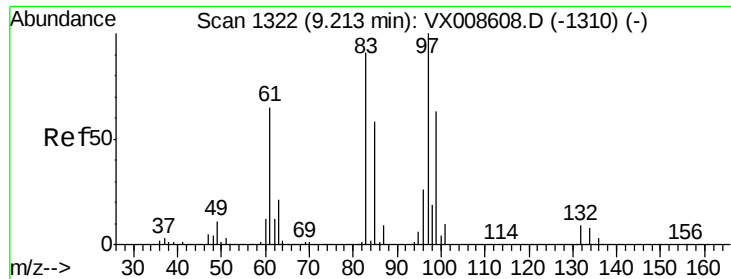
Tgt Ion: 75 Resp: 54802
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.130 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 75 Resp: 62715
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 51.8 42.6 63.8

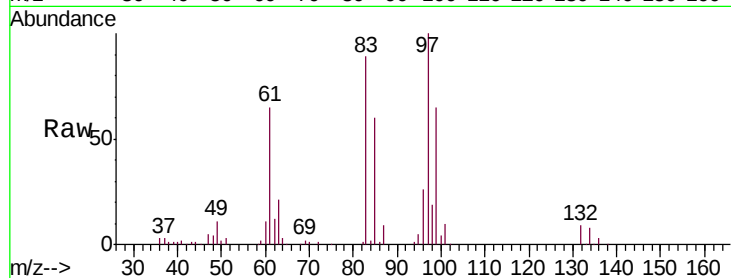




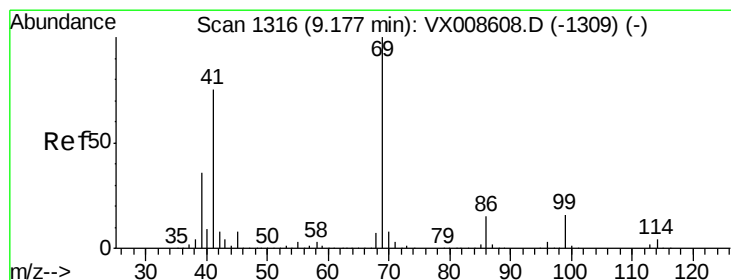
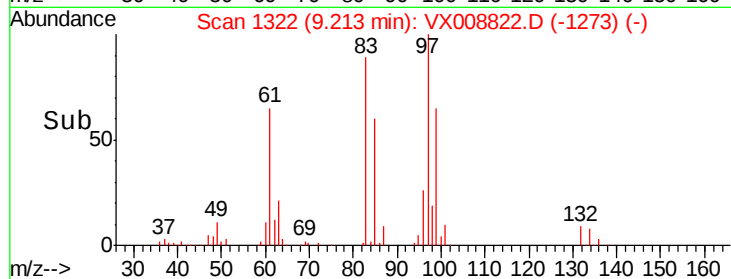
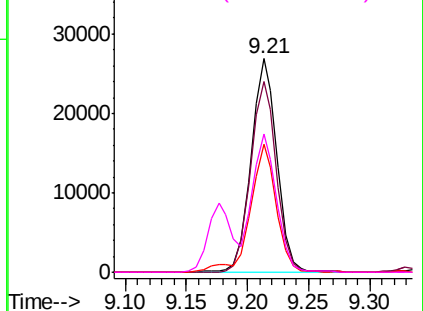
#55
 1,1,2-Trichloroethane
 Concen: 18.260 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tgt Ion: 97 Resp: 39599
 Ion Ratio Lower Upper
 97 100
 83 89.2 73.2 109.8
 85 59.6 46.6 69.8
 99 64.3 50.1 75.1

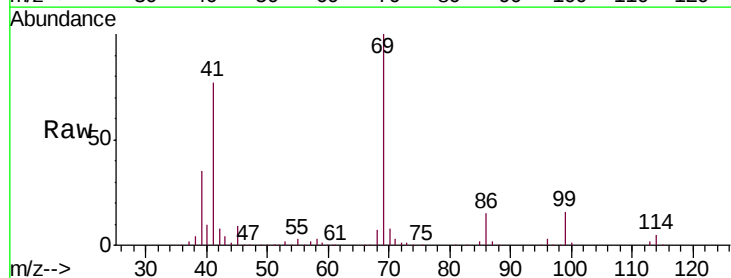


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

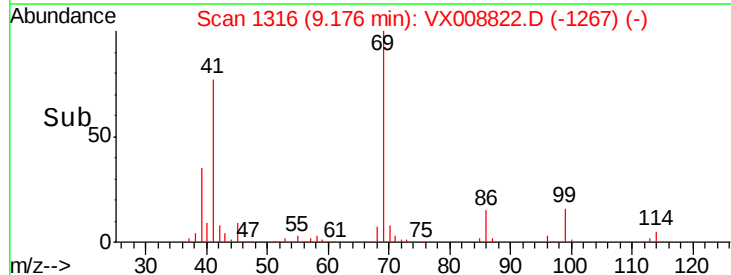
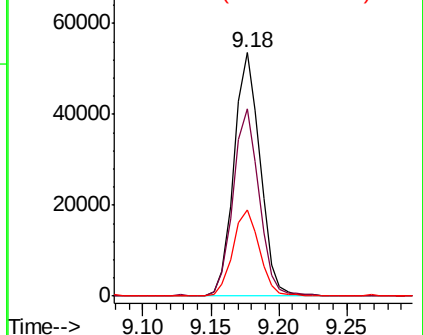


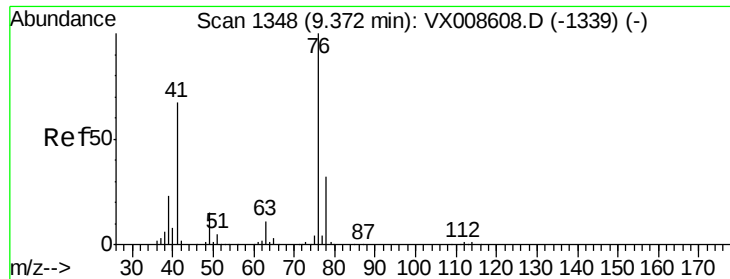
#56
 Ethyl methacrylate
 Concen: 18.366 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 69 Resp: 72065
 Ion Ratio Lower Upper
 69 100
 41 76.3 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

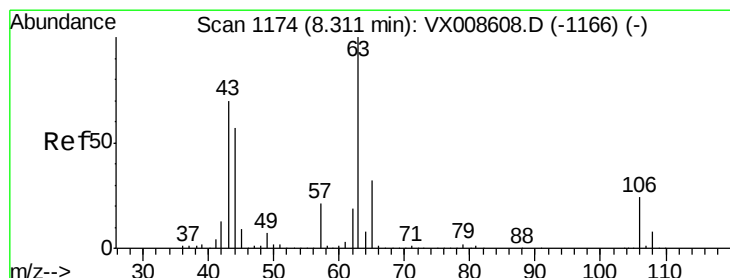
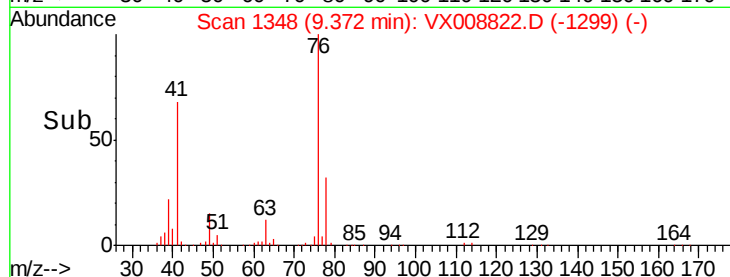
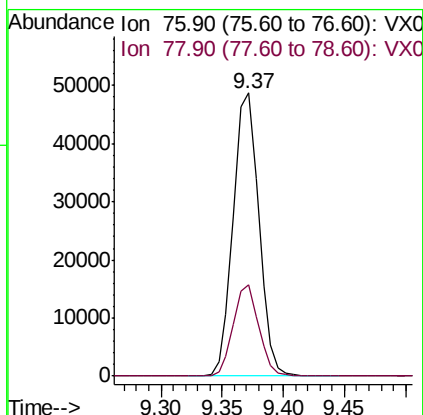
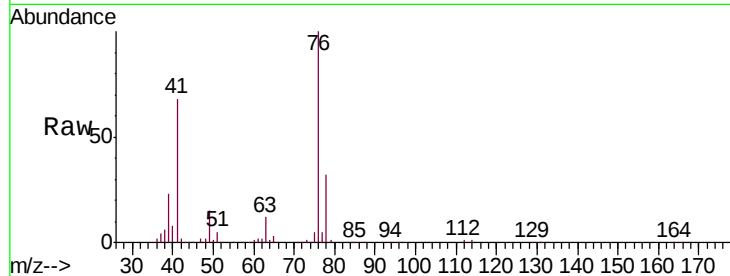




#57
 1,3-Dichloropropane
 Concen: 18.217 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

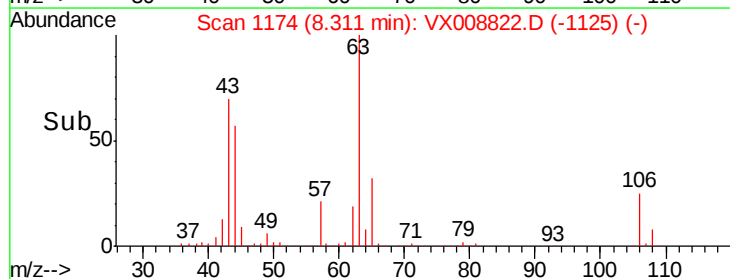
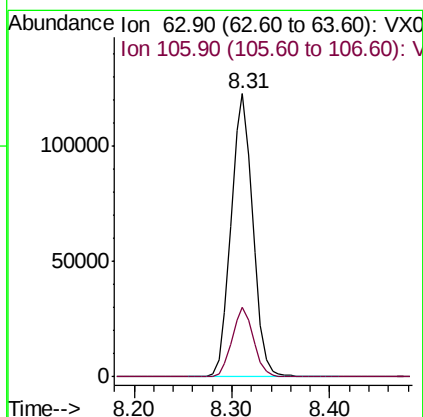
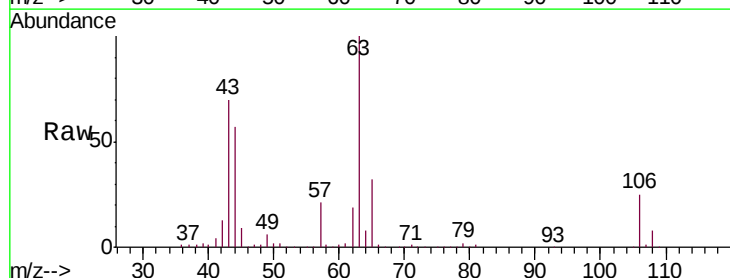
Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS02

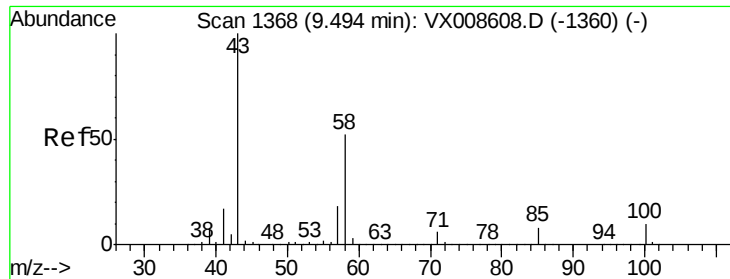
Tgt Ion: 76 Resp: 70941
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.846 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 63 Resp: 190028
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.0 28.6

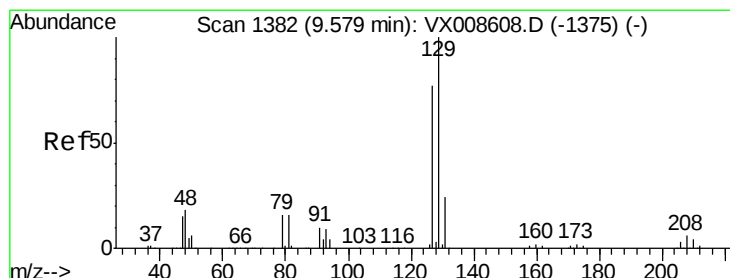
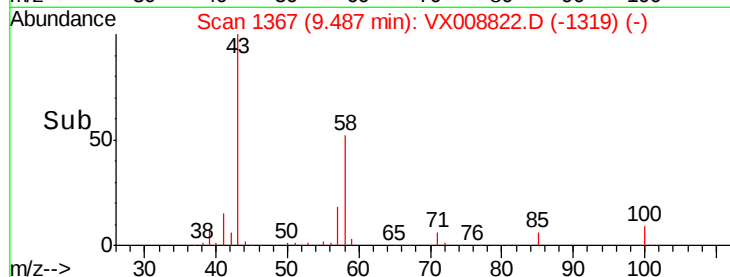
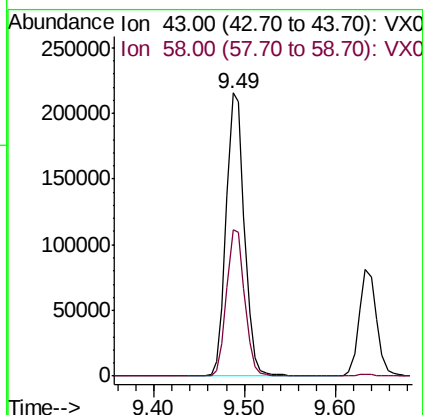
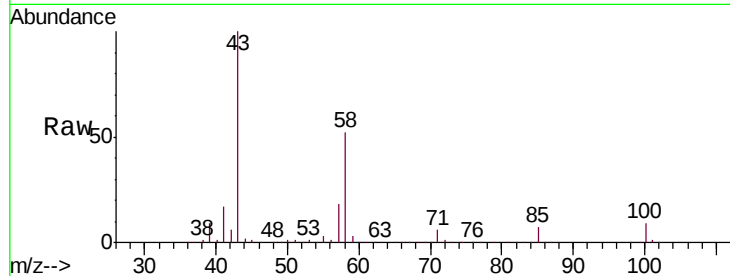




#59
2-Hexanone
Concen: 93.468 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

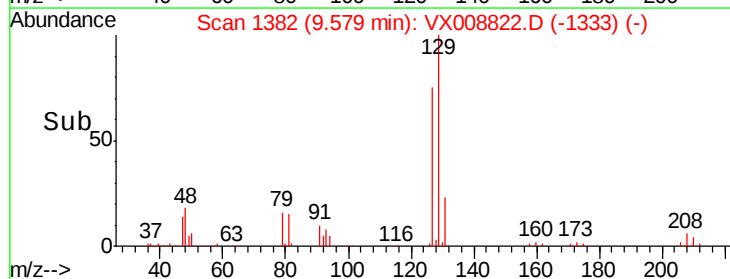
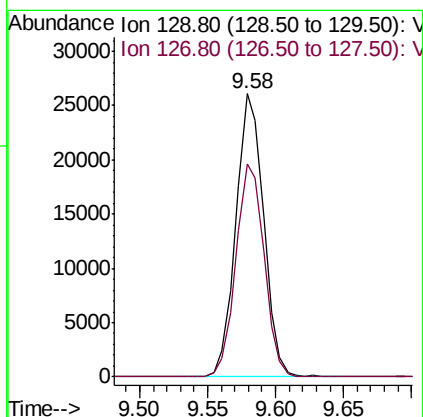
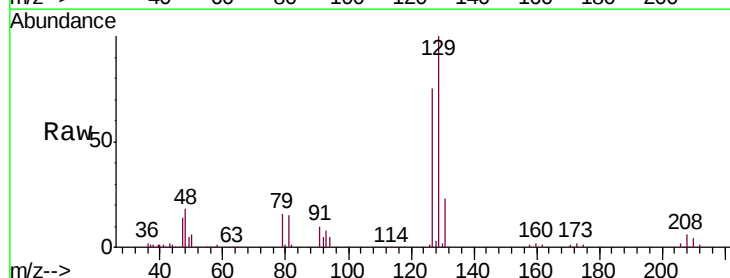
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

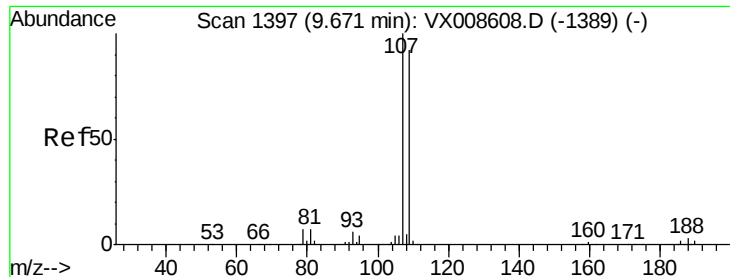
Tgt Ion: 43 Resp: 300752
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 18.178 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 129 Resp: 37147
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.557 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

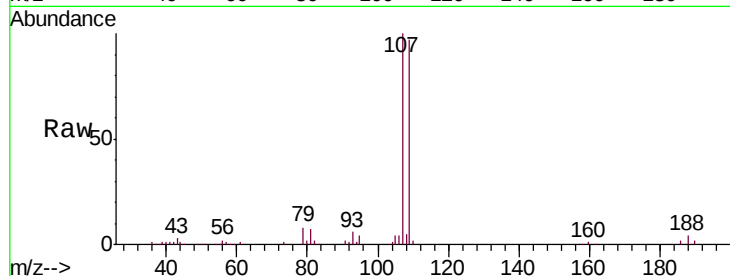
VX0410WBS02

Tgt Ion: 107 Resp: 39637

Ion Ratio Lower Upper

107 100

109 95.2 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

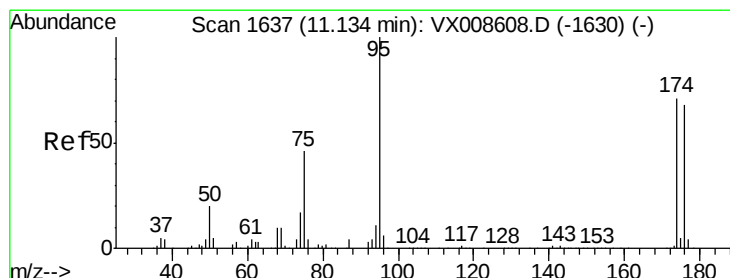
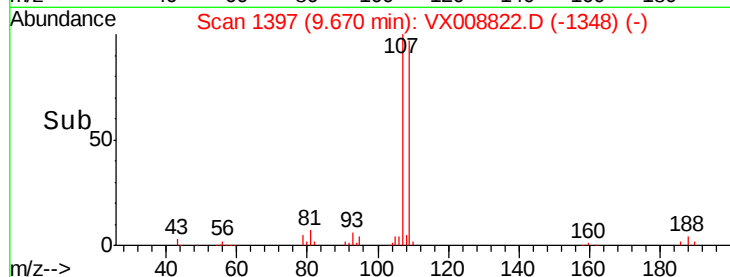
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.553 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

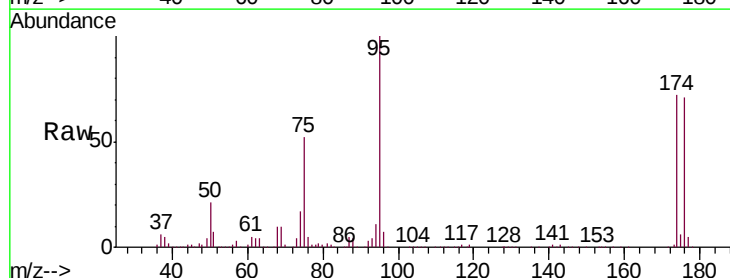
Tgt Ion: 95 Resp: 120806

Ion Ratio Lower Upper

95 100

174 78.6 0.0 151.8

176 76.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

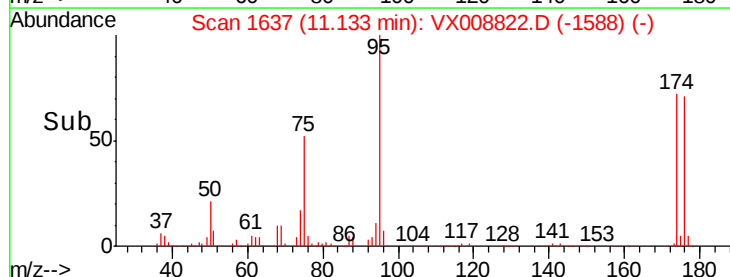
40000

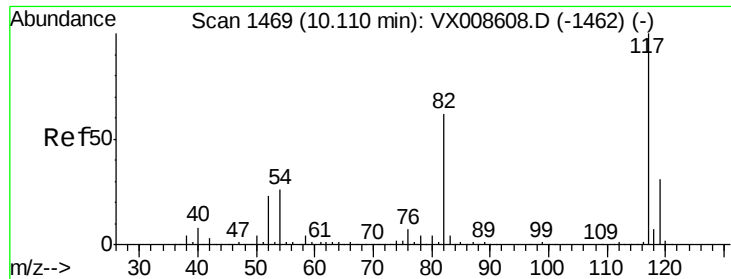
20000

0

Time-->

11.10 11.20

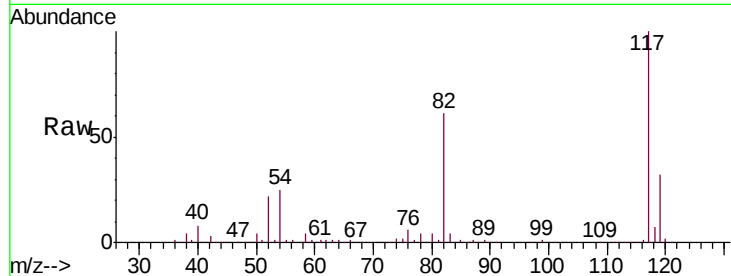




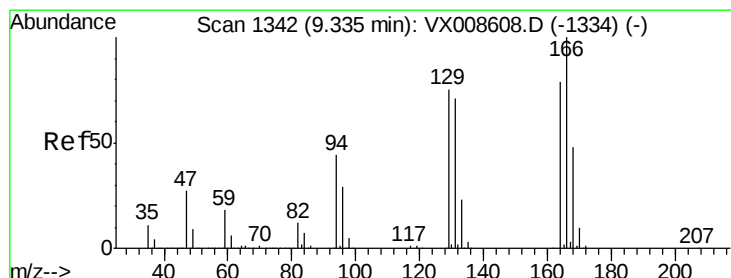
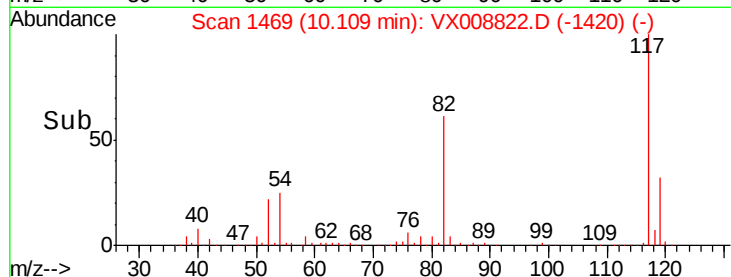
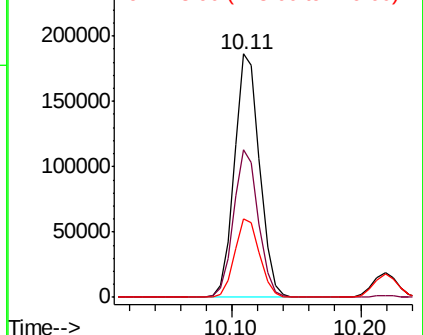
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion:117 Resp: 252794
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.1 25.0 37.4

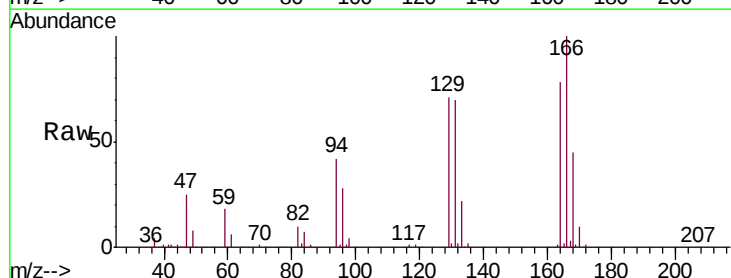


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

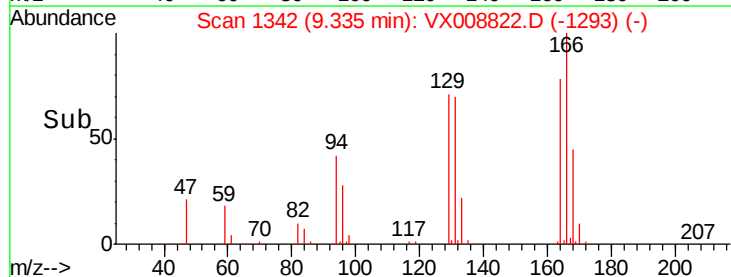
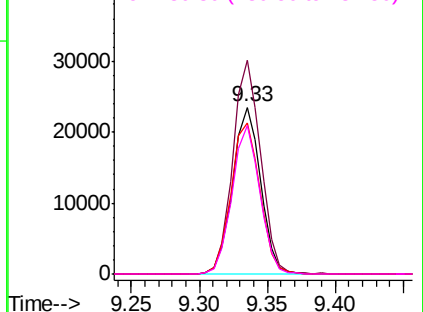


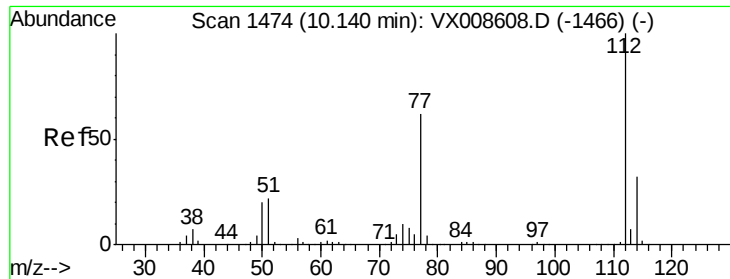
#64
Tetrachloroethene
Concen: 17.918 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:164 Resp: 33559
Ion Ratio Lower Upper
164 100
166 128.2 101.0 151.6
129 90.8 75.8 113.8
131 89.1 71.8 107.8



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

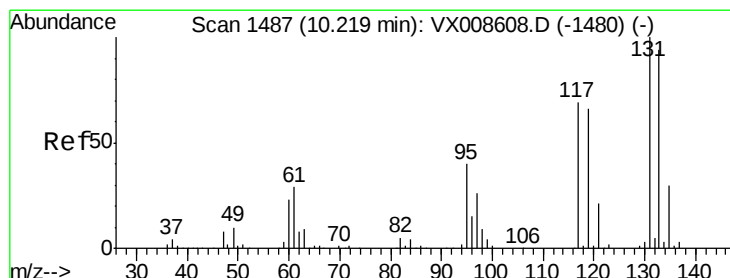
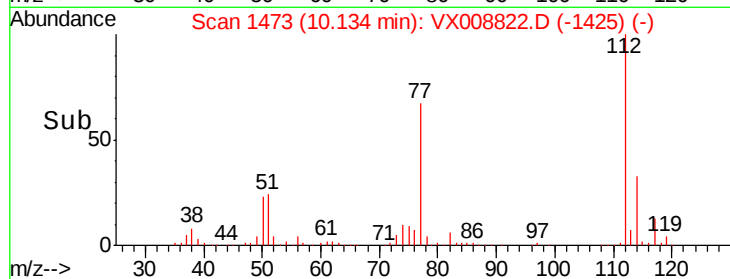
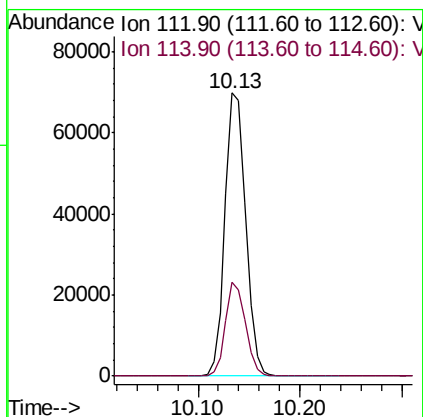
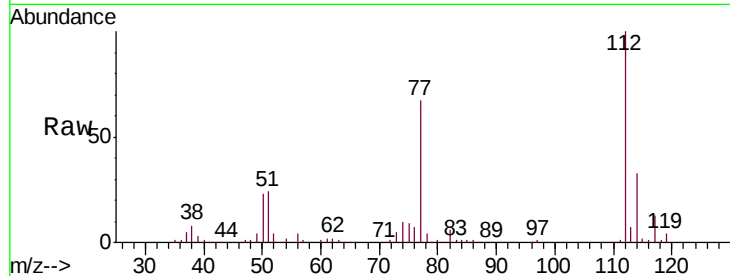




#65
Chlorobenzene
Concen: 17.642 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

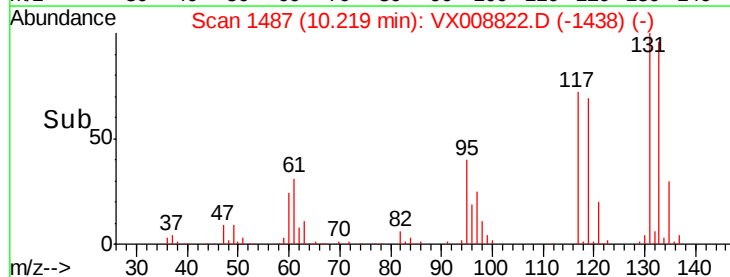
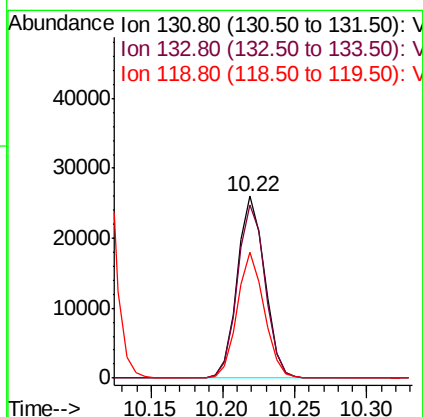
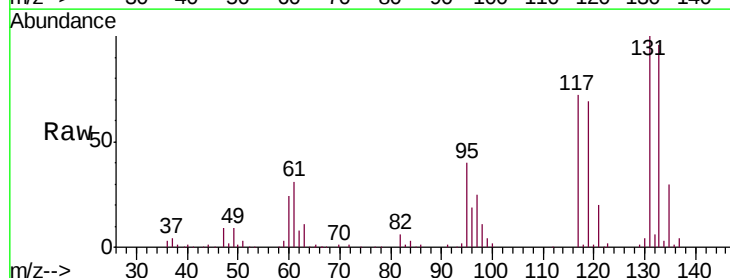
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

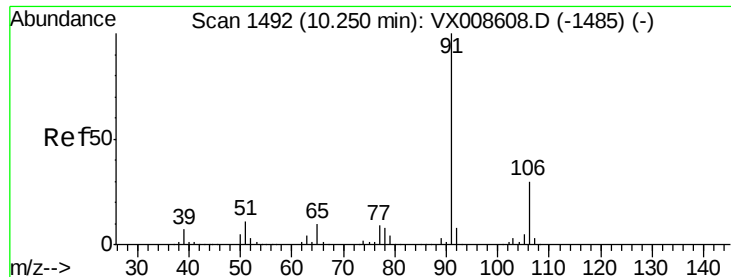
Tgt Ion:112 Resp: 98858
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.665 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:131 Resp: 34727
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.2
119 67.9 33.7 101.0

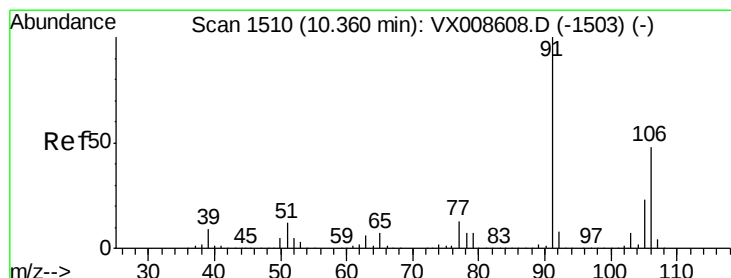
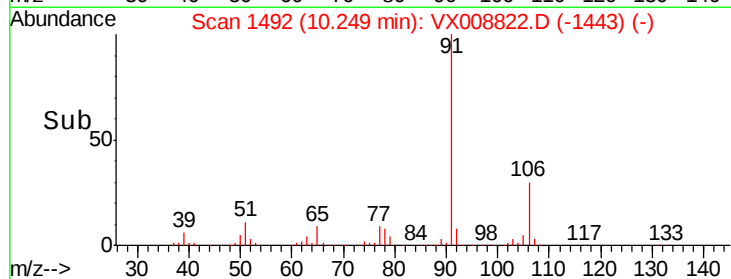
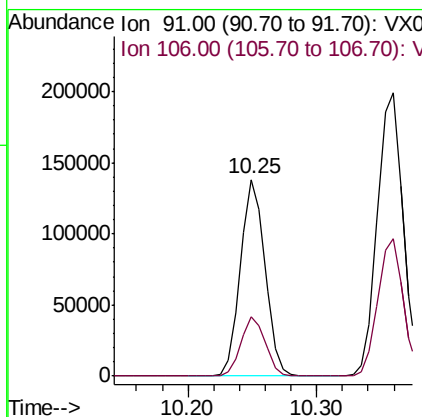
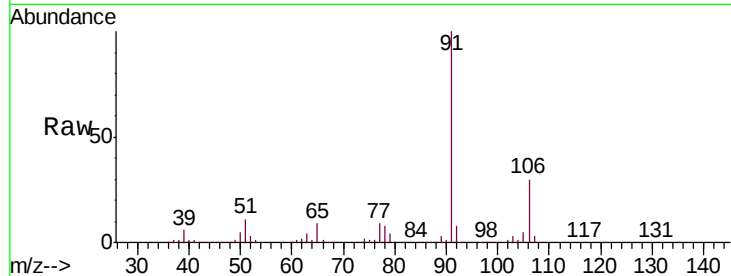




#67
Ethyl Benzene
Concen: 17.477 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

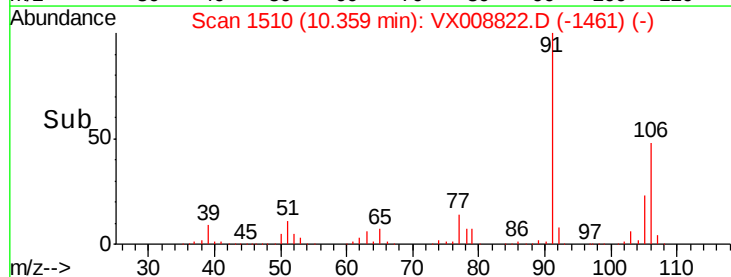
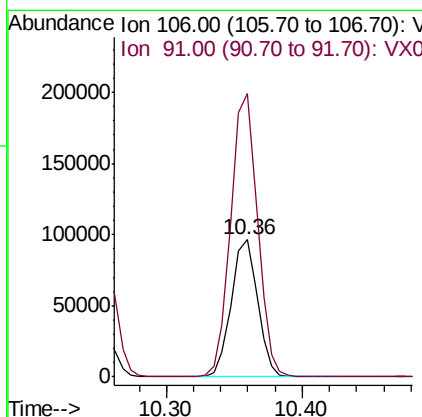
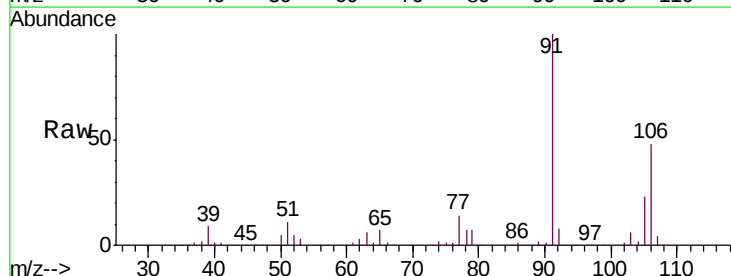
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

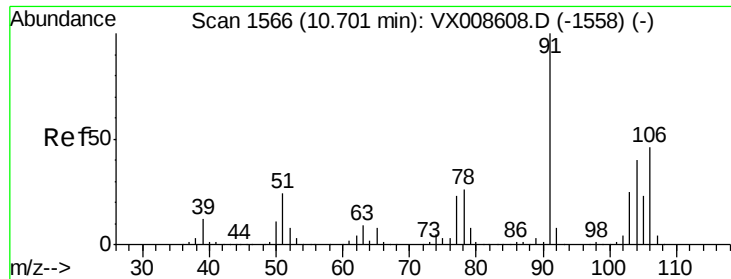
Tgt Ion: 91 Resp: 182617
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#68
m/p-Xylenes
Concen: 34.761 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 106 Resp: 130596
Ion Ratio Lower Upper
106 100
91 210.1 168.5 252.7

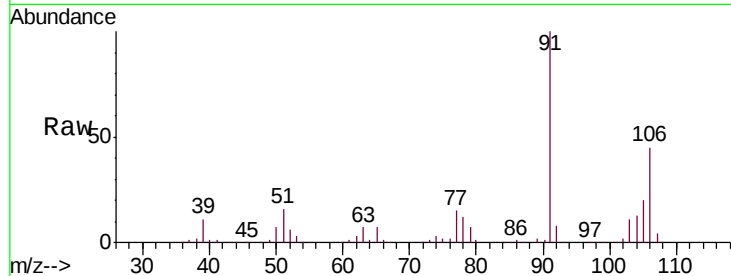




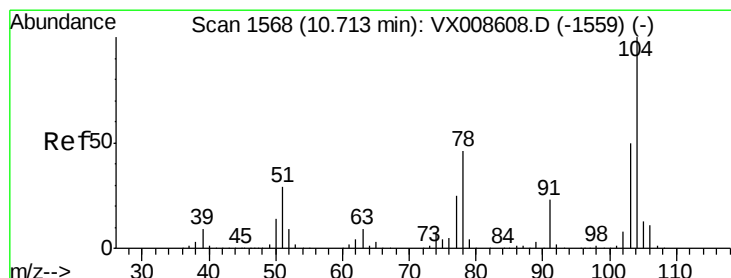
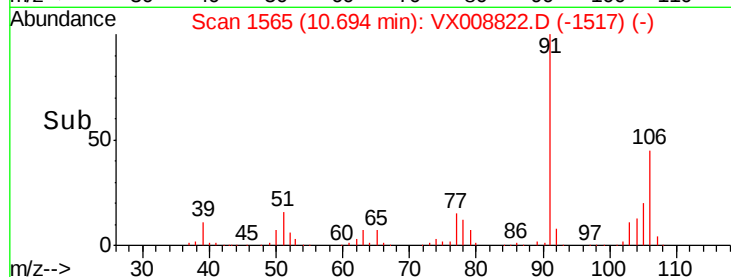
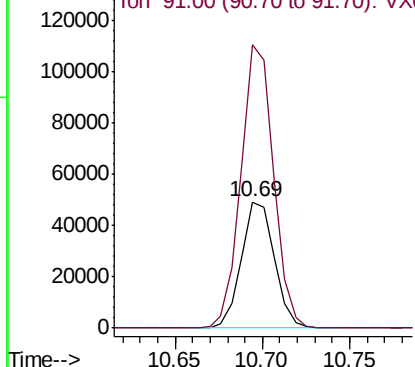
#69
o-Xylene
Concen: 17.826 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion:106 Resp: 64902
Ion Ratio Lower Upper
106 100
91 221.0 111.5 334.4

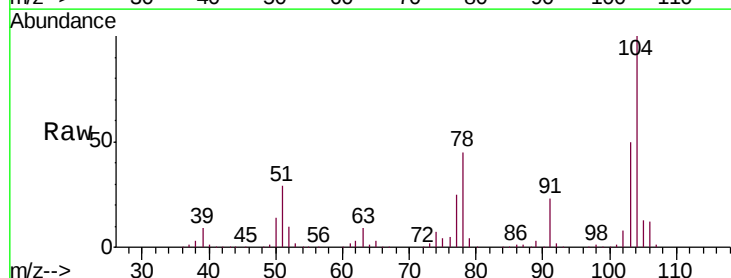


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

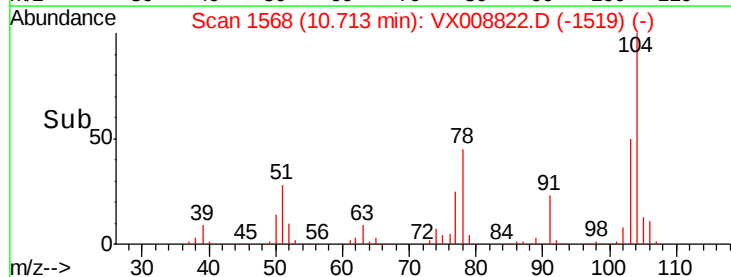
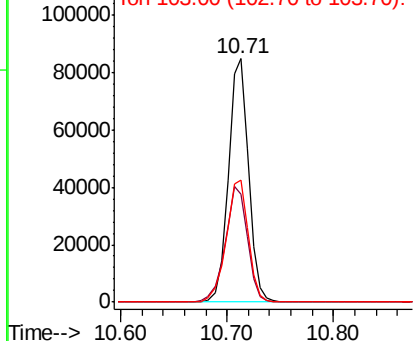


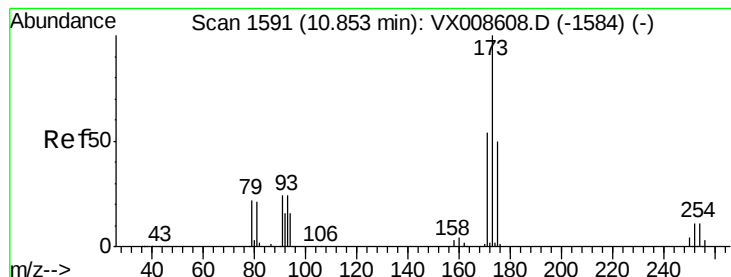
#70
Styrene
Concen: 17.903 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:104 Resp: 112362
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 55.0 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: 18.044 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS02

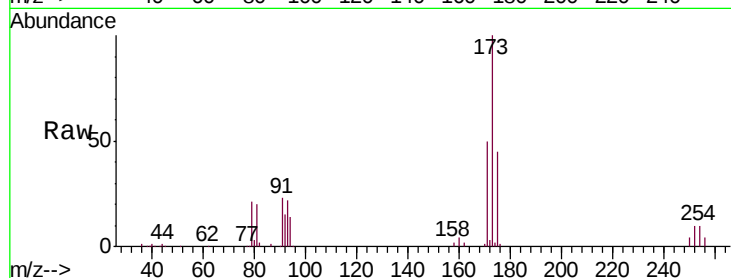
Tgt Ion:173 Resp: 27091

Ion Ratio Lower Upper

173 100

175 47.8 24.9 74.6

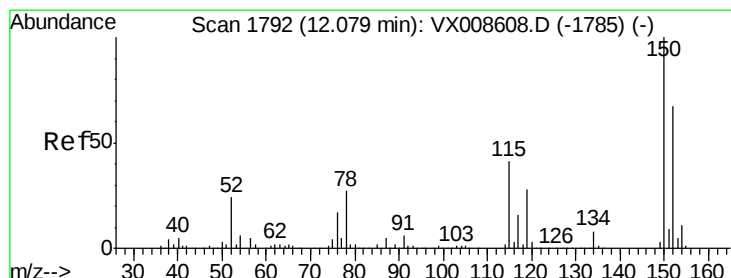
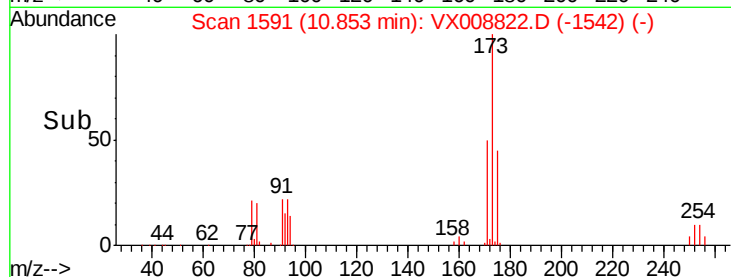
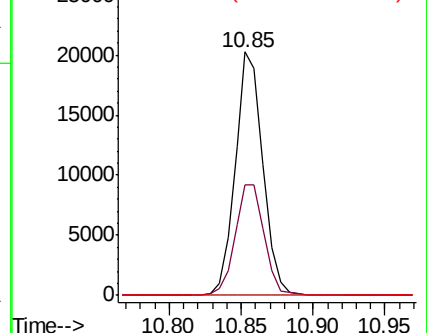
254 0.0 0.1 0.1#



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: VX008822.D

Acq: 10 Apr 2019 22:32

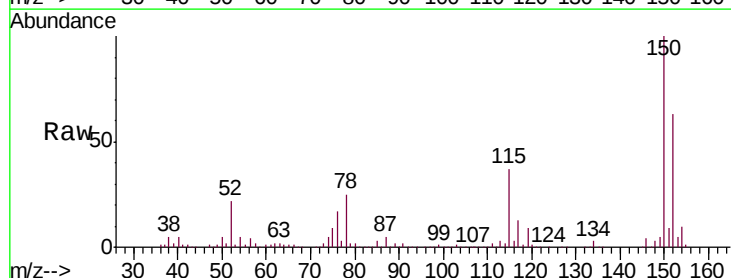
Tgt Ion:152 Resp: 114435

Ion Ratio Lower Upper

152 100

115 69.5 43.5 130.5

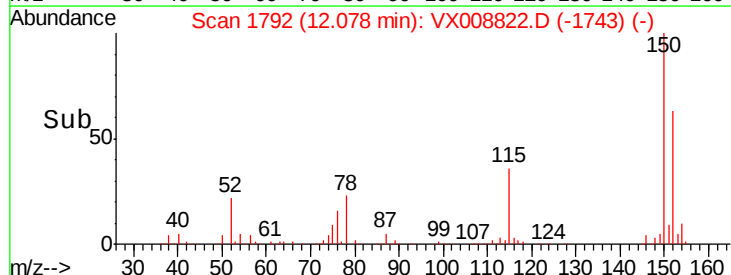
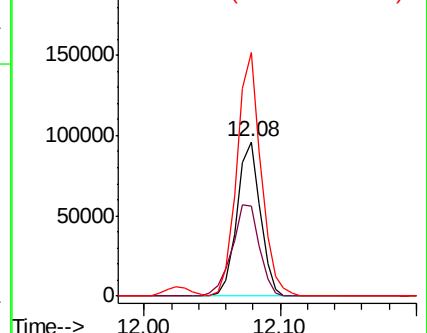
150 163.2 0.0 348.8

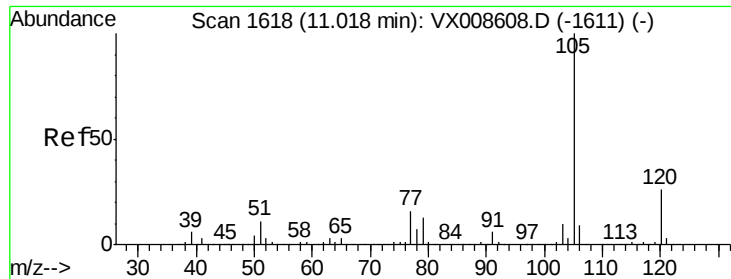


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

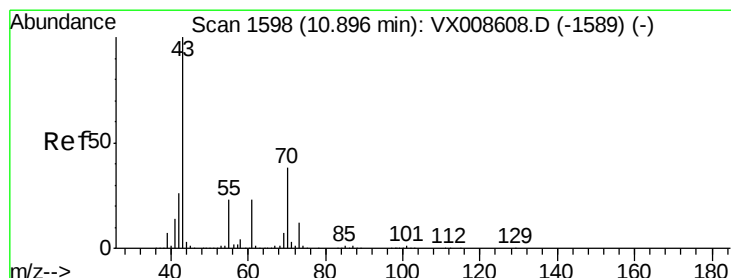
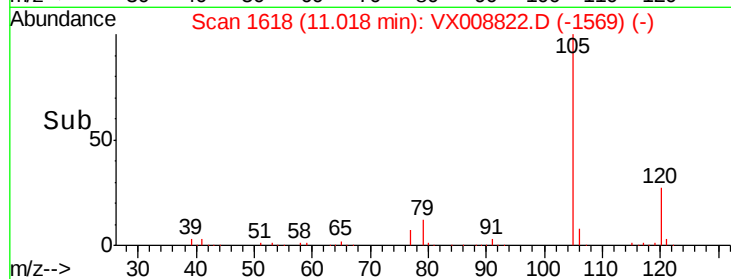
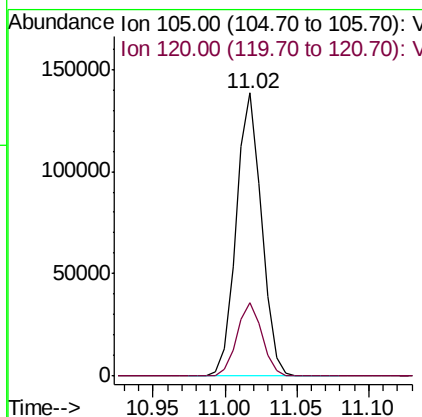
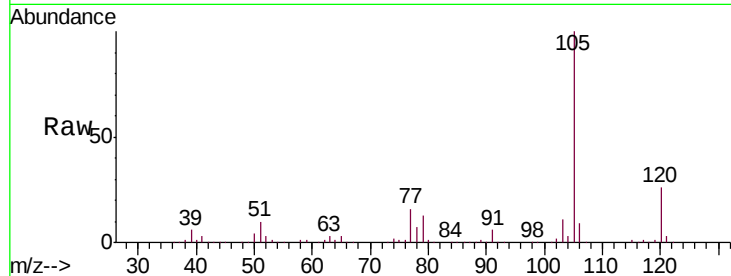




#73
Isopropylbenzene
Concen: 17.930 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

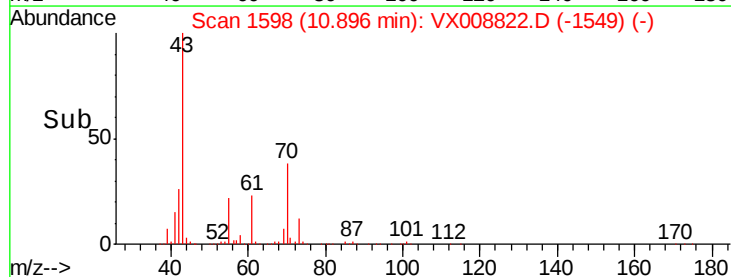
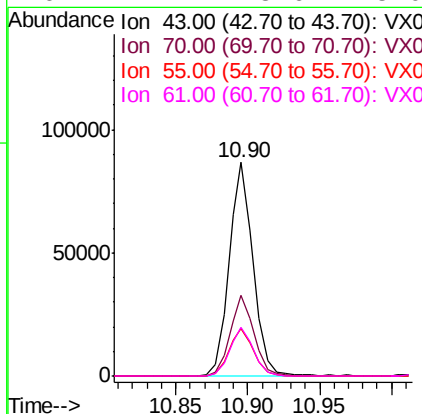
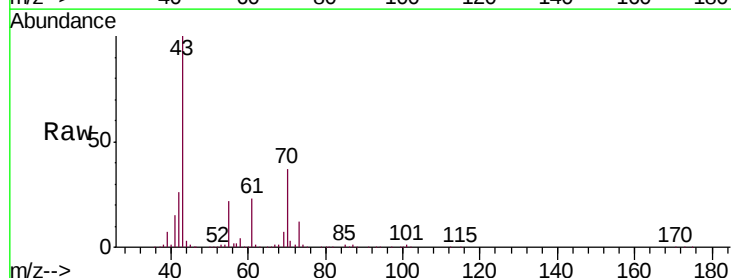
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

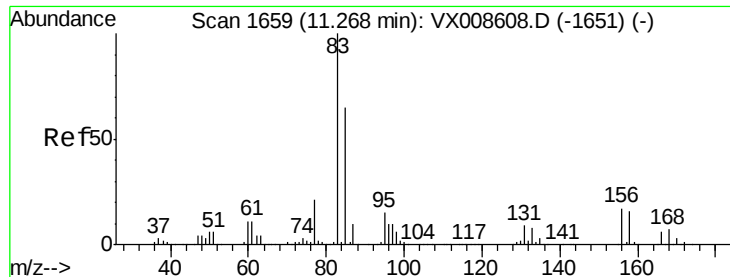
Tgt Ion: 105 Resp: 170041
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 18.107 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 43 Resp: 101031
Ion Ratio Lower Upper
43 100
70 37.5 30.2 45.4
55 23.0 18.2 27.4
61 22.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.905 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

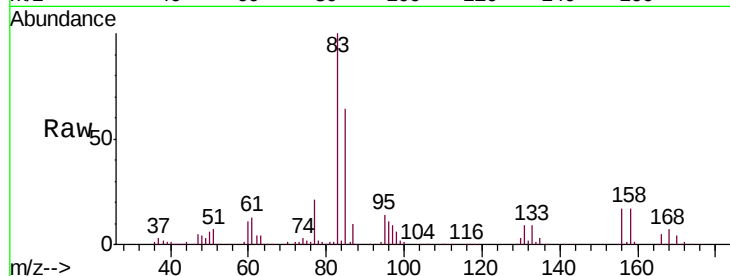
Tgt Ion: 83 Resp: 64579

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

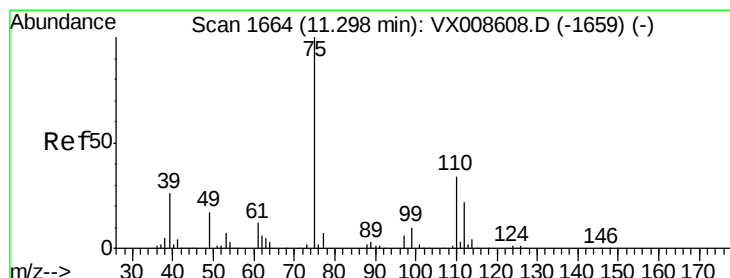
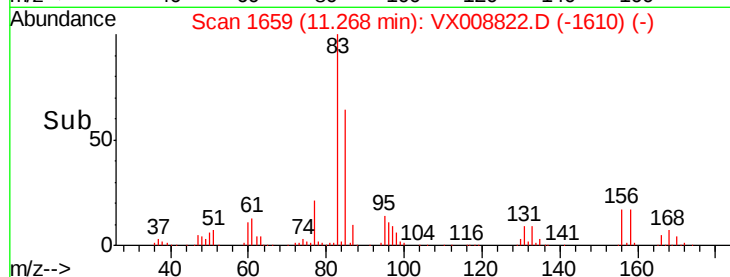
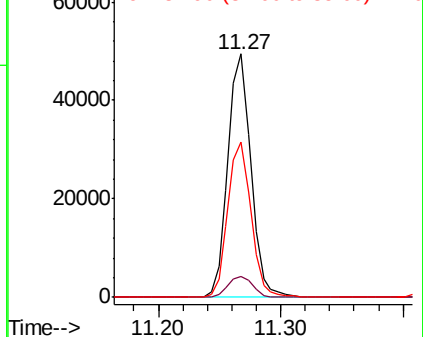
85 64.3 32.0 96.2



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: 23.556 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008822.D

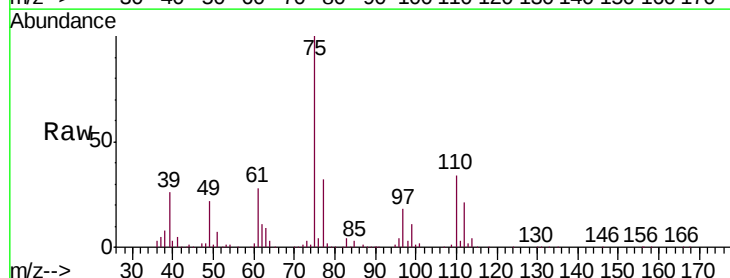
Acq: 10 Apr 2019 22:32

Tgt Ion: 75 Resp: 74052

Ion Ratio Lower Upper

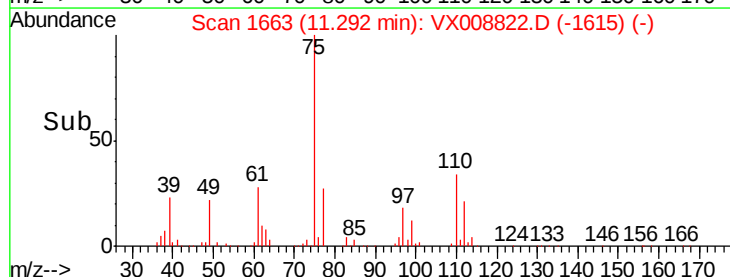
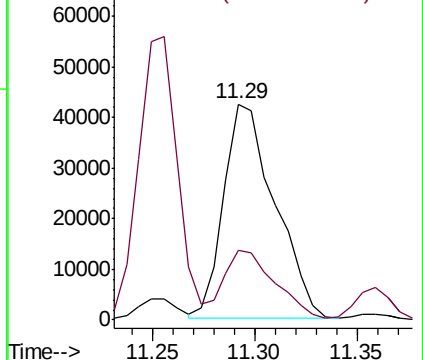
75 100

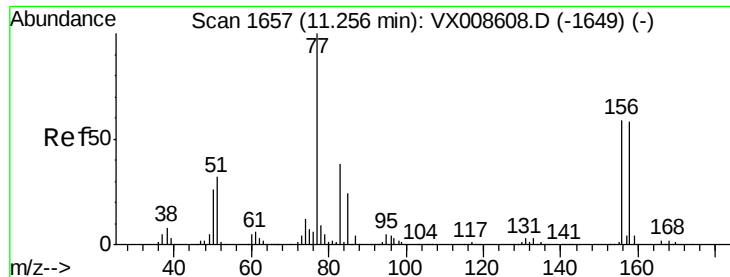
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.313 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

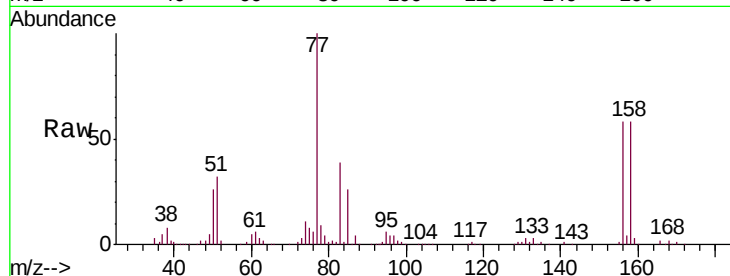
Tgt Ion:156 Resp: 41751

Ion Ratio Lower Upper

156 100

77 176.7 89.8 269.6

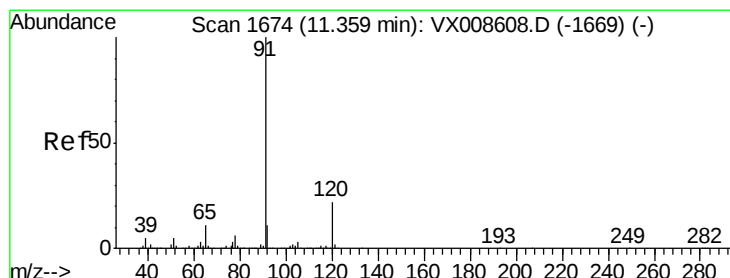
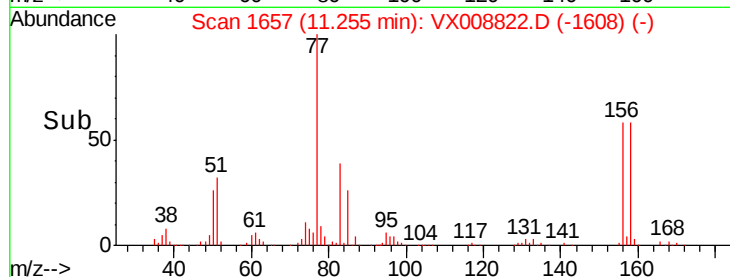
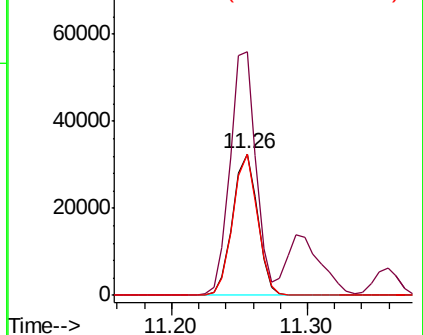
158 98.3 48.6 145.9



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: 17.633 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008822.D

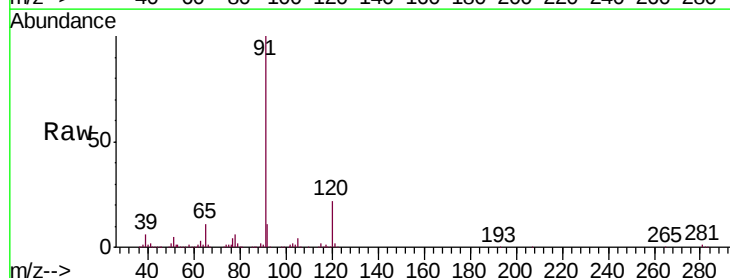
Acq: 10 Apr 2019 22:32

Tgt Ion: 91 Resp: 194708

Ion Ratio Lower Upper

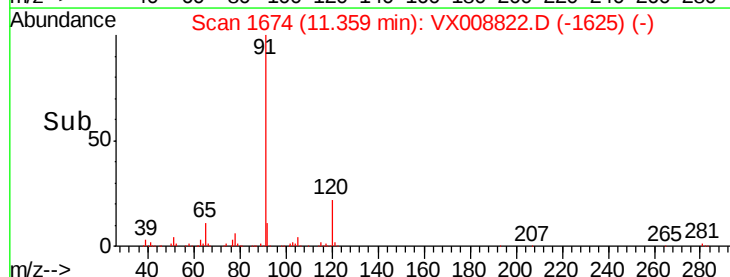
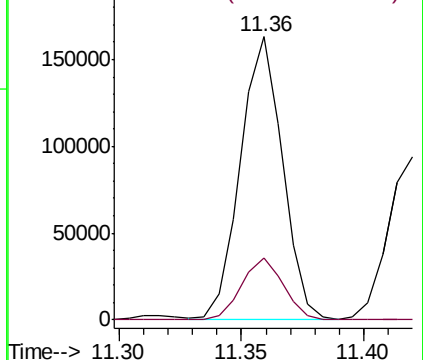
91 100

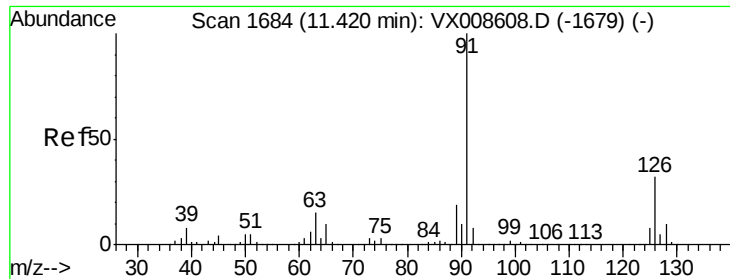
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

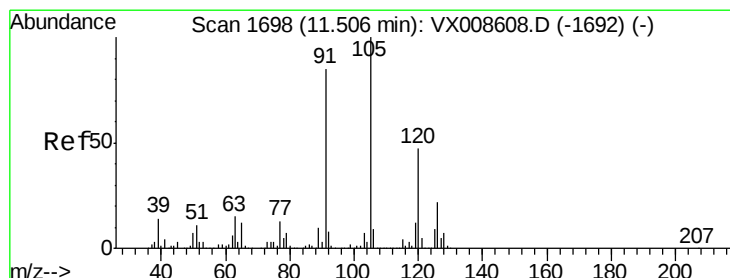
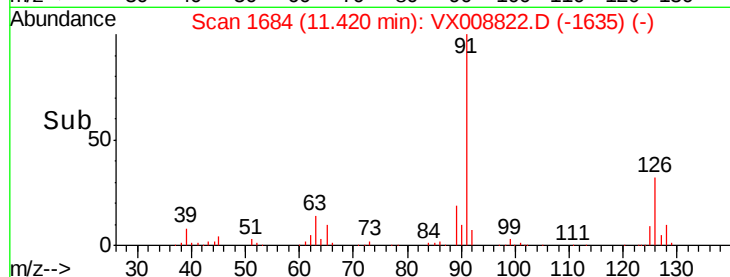
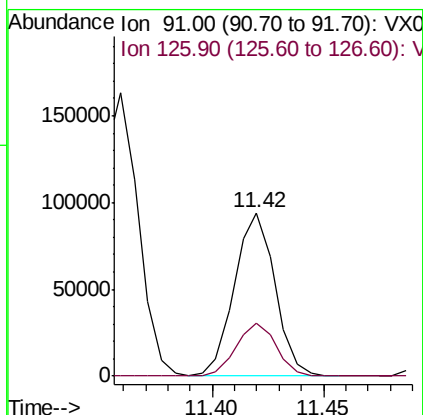
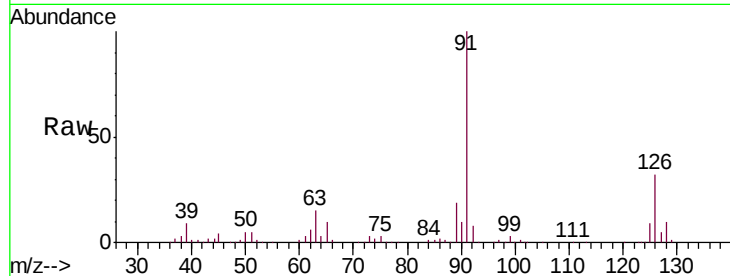




#79
 2-Chlorotoluene
 Concen: 17.776 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

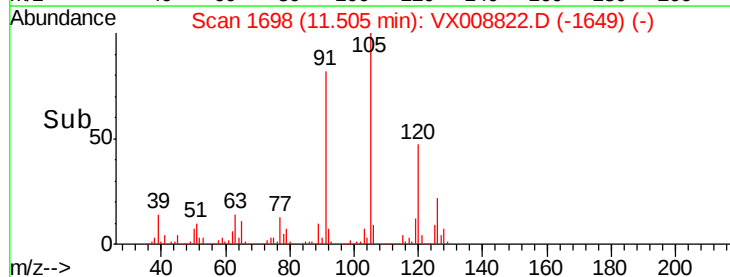
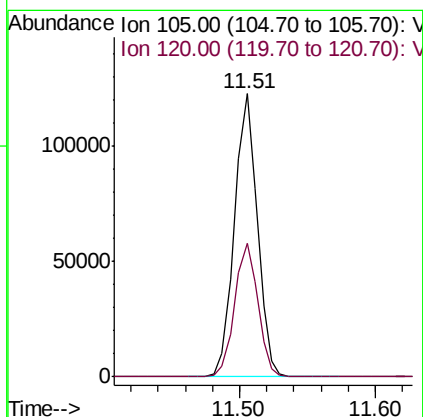
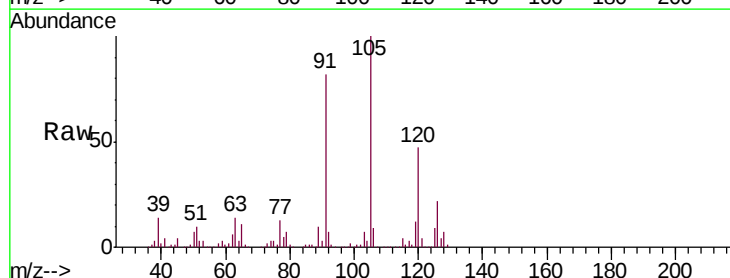
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

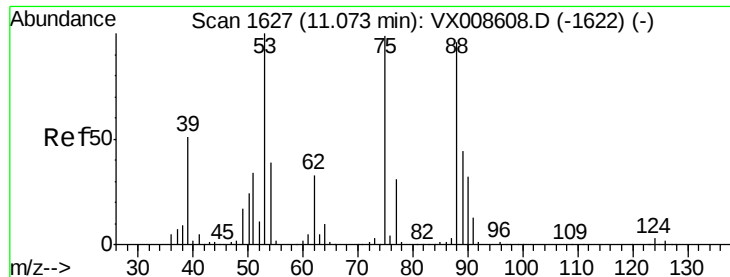
Tgt Ion: 91 Resp: 118786
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.029 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 105 Resp: 143519
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.513 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

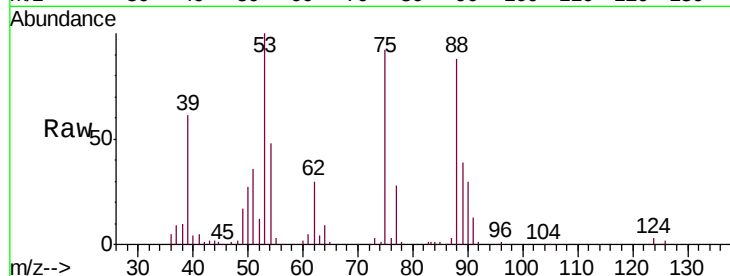
Tgt Ion: 75 Resp: 18832

Ion Ratio Lower Upper

75 100

53 111.7 81.3 121.9

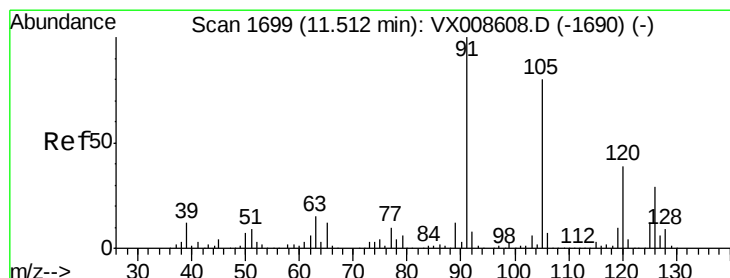
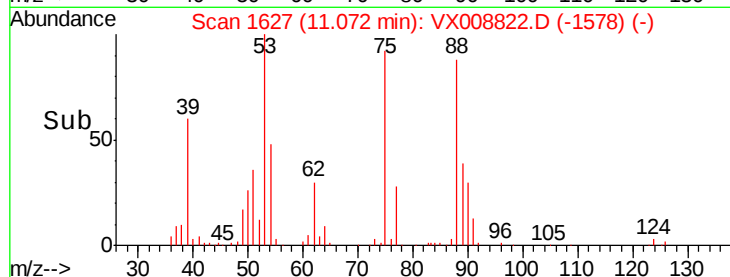
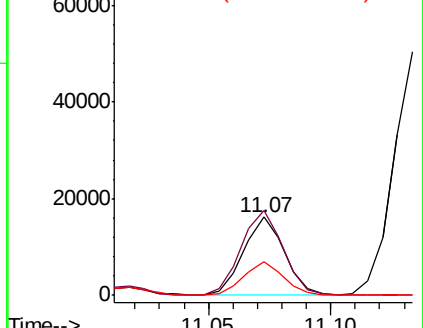
89 42.8 35.6 53.4



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: 17.296 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008822.D

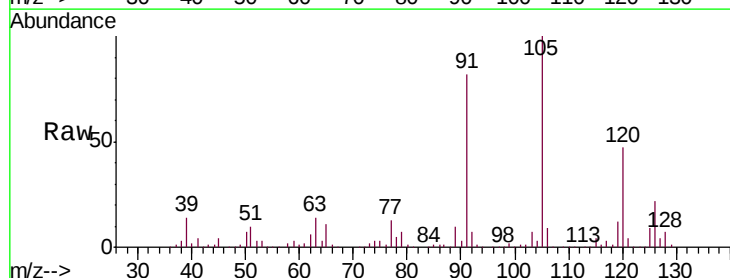
Acq: 10 Apr 2019 22:32

Tgt Ion: 91 Resp: 133785

Ion Ratio Lower Upper

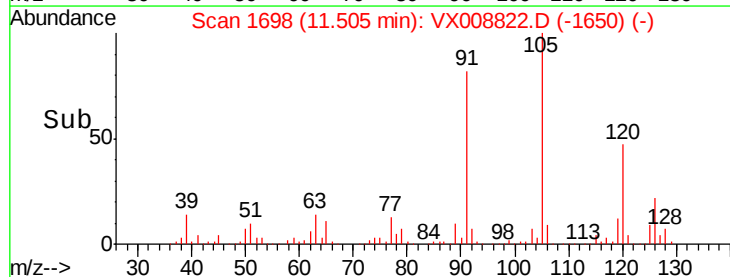
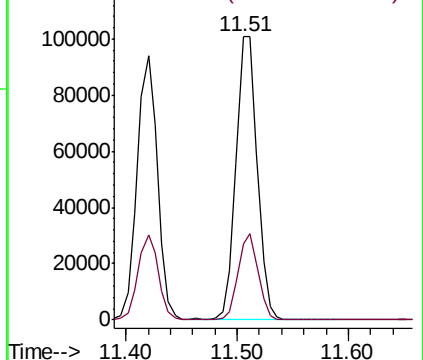
91 100

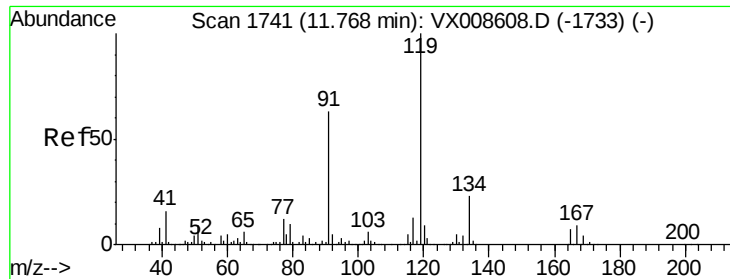
126 28.4 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

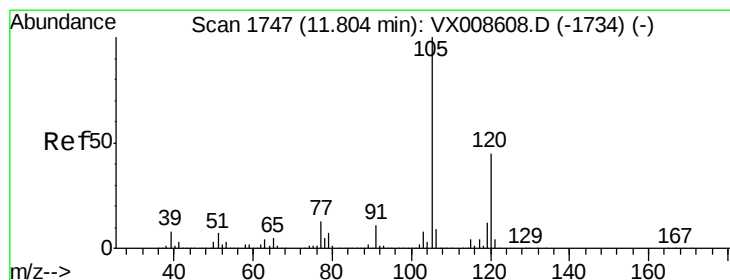
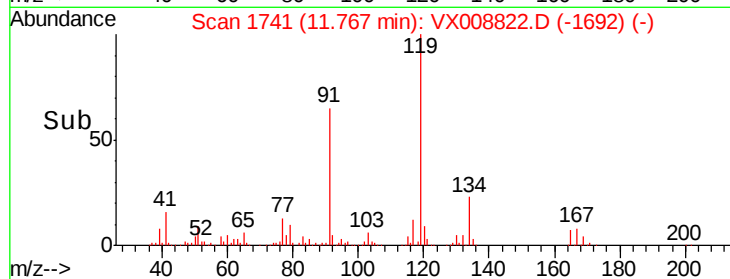
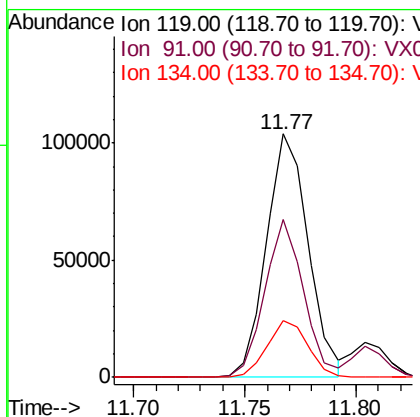
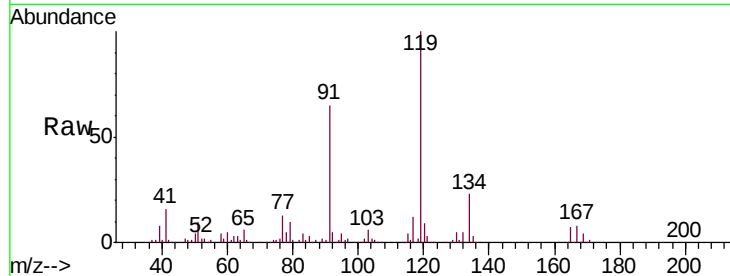




#83
 tert-Butylbenzene
 Concen: 17.704 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

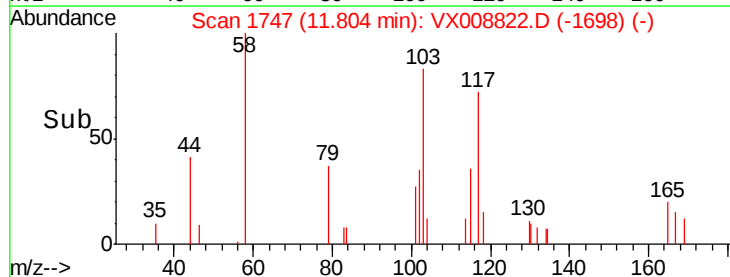
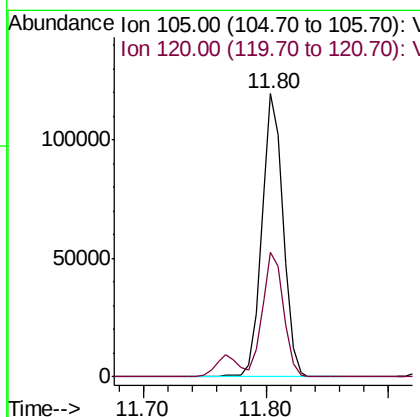
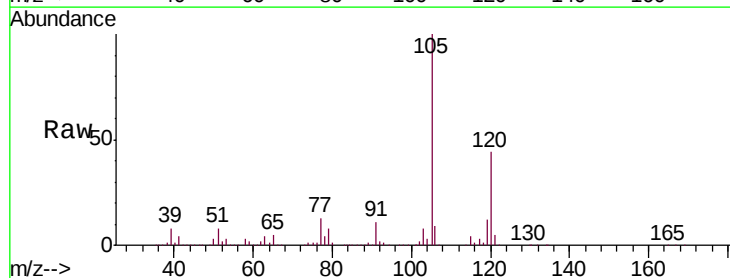
Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS02

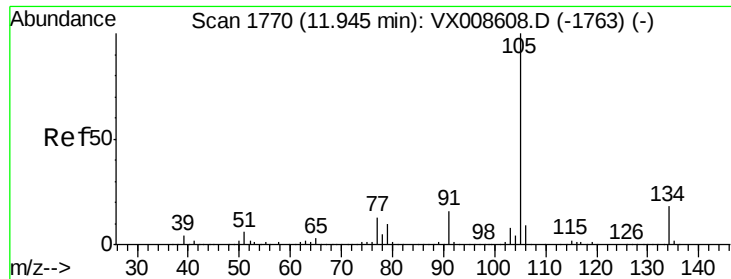
Tgt Ion:119 Resp: 135590
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.0 90.1
 134 22.8 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.033 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion:105 Resp: 145355
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.8 65.3

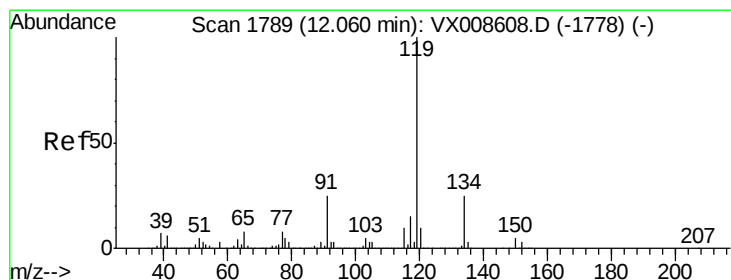
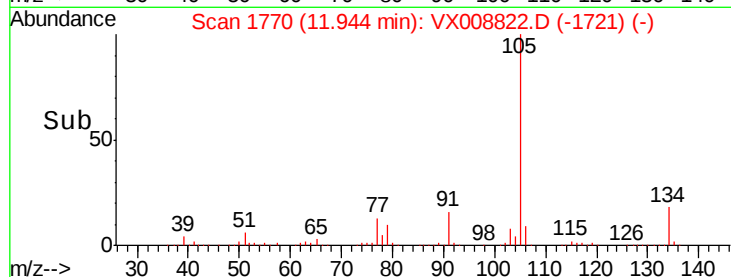
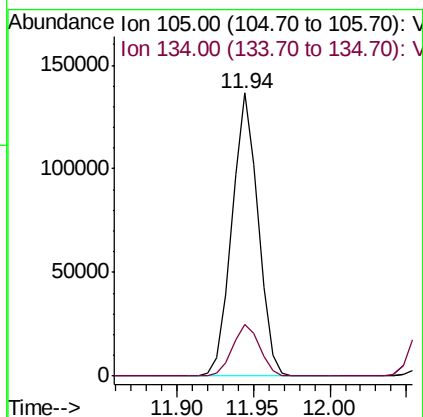
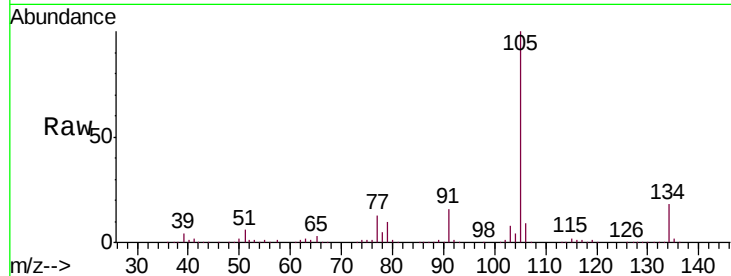




#85
 sec-Butylbenzene
 Concen: 17.721 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

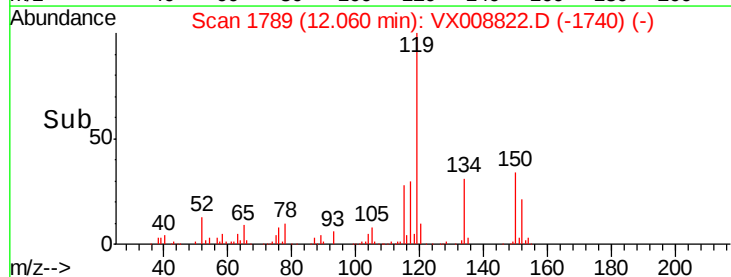
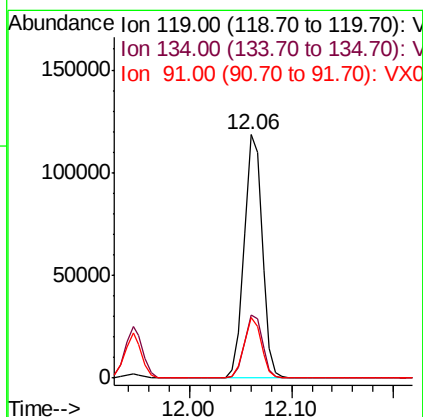
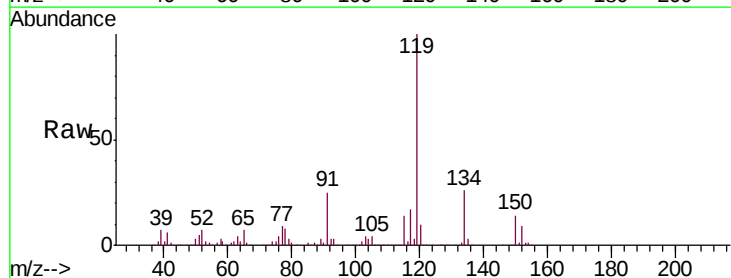
Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS02

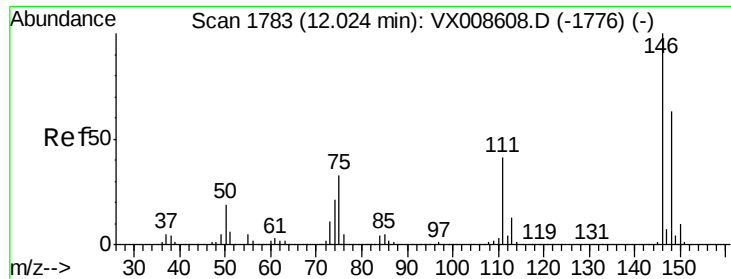
Tgt Ion:105 Resp: 161208
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 17.773 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion:119 Resp: 145120
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 24.1 12.2 36.6

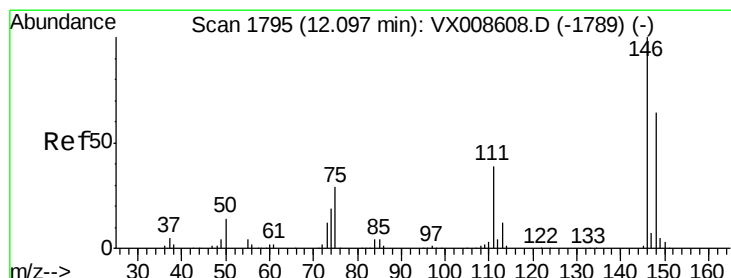
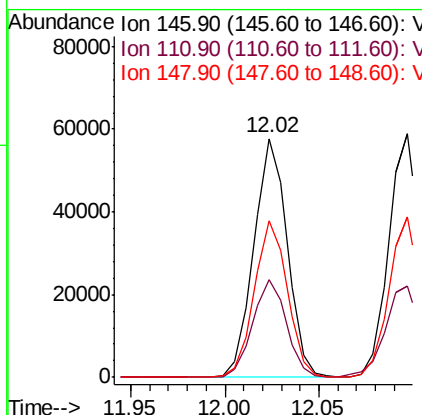
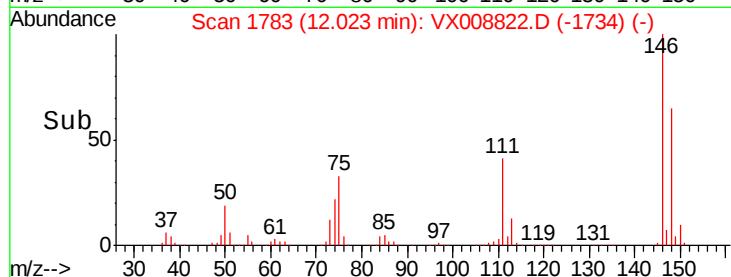
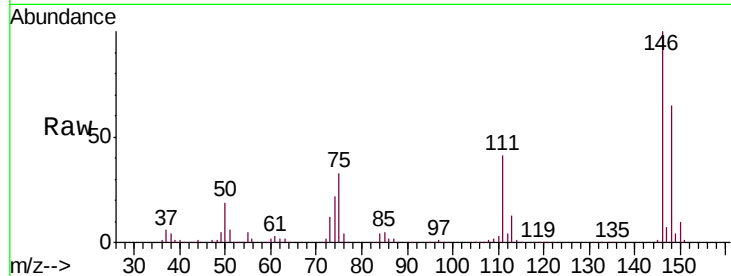




#87
 1,3-Dichlorobenzene
 Concen: 17.415 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

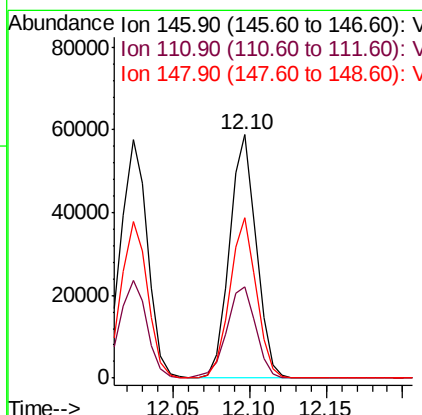
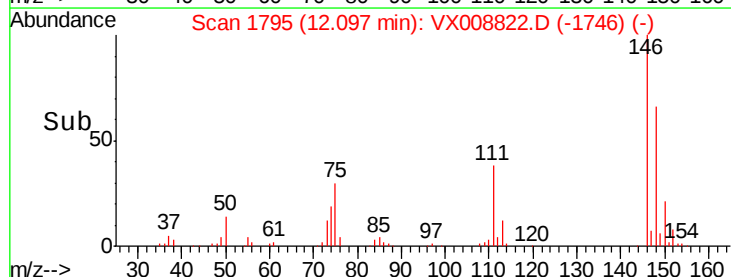
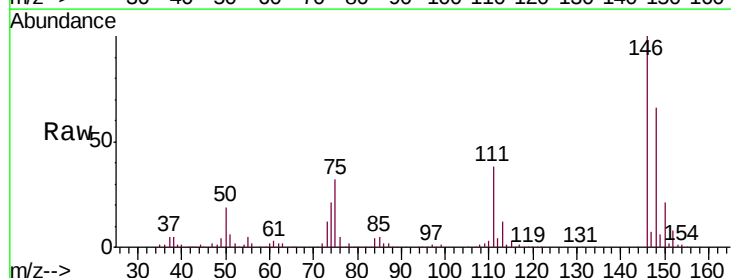
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

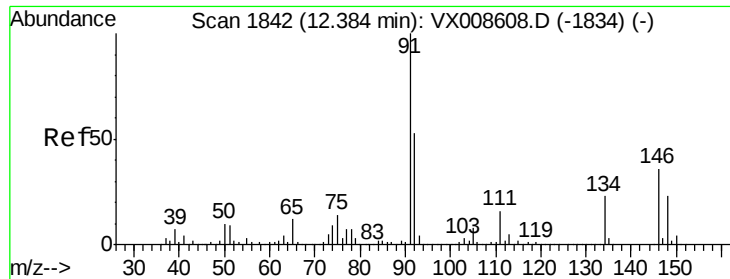
Tgt Ion:146 Resp: 71080
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 64.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.202 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion:146 Resp: 71093
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.6
 148 65.8 32.0 96.0





#89

n-Butylbenzene

Concen: 16.932 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

VX0410WBS02

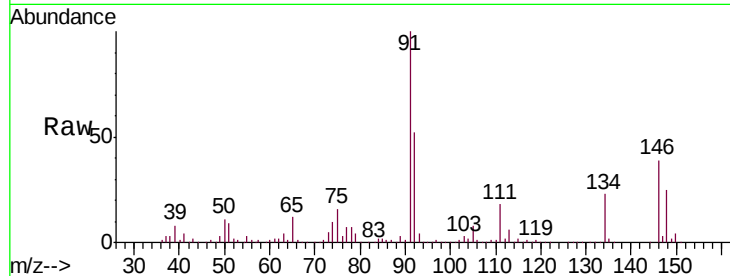
Tgt Ion: 91 Resp: 129653

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

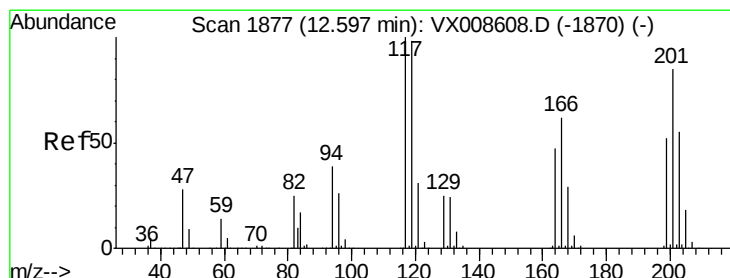
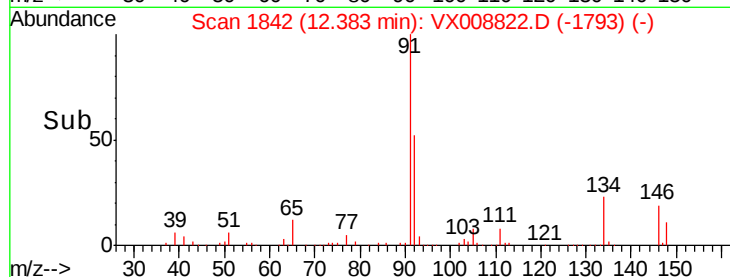
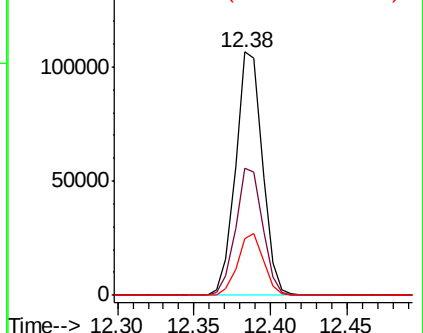
134 24.6 12.0 36.0



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: 17.409 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008822.D

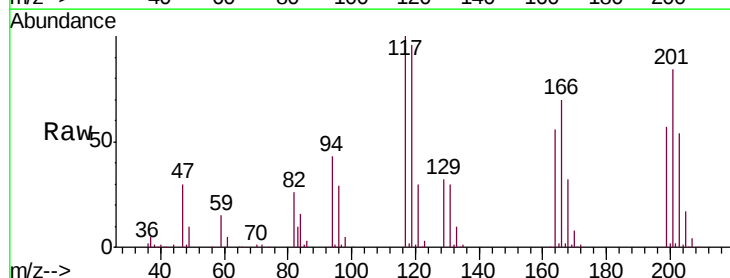
Acq: 10 Apr 2019 22:32

Tgt Ion: 117 Resp: 23577

Ion Ratio Lower Upper

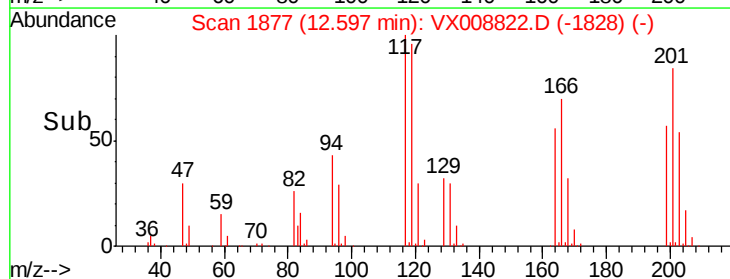
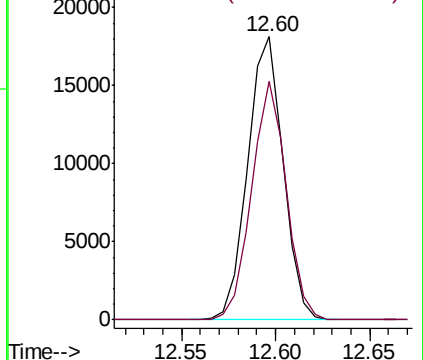
117 100

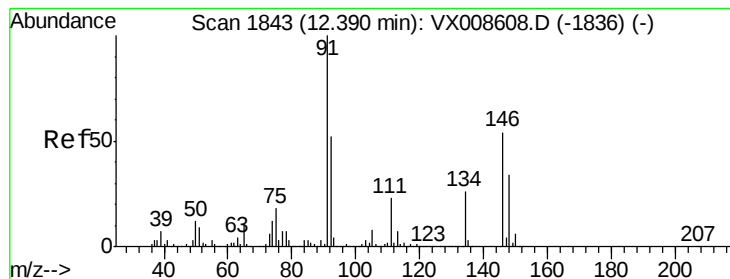
201 82.2 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.164 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

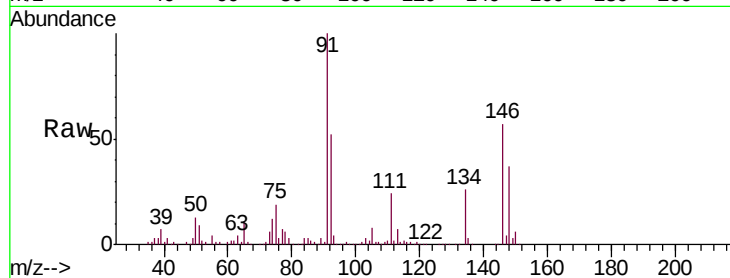
Tgt Ion:146 Resp: 73609

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.9

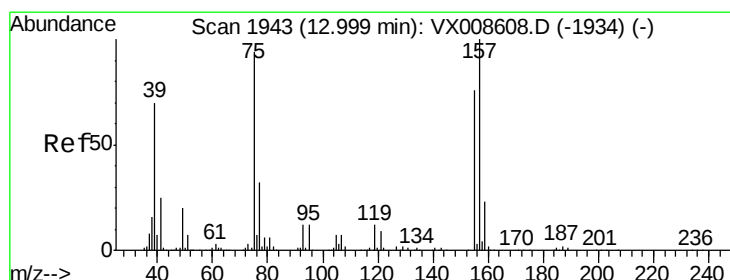
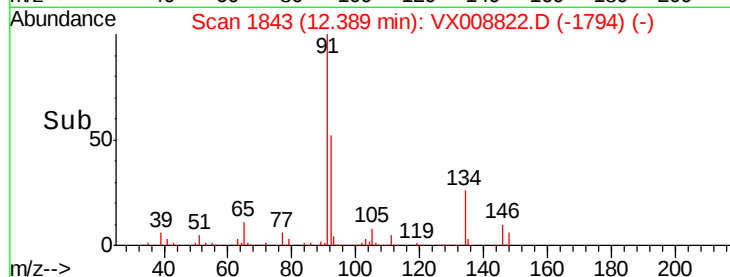
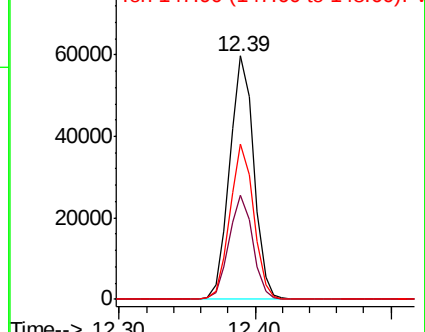
148 62.7 31.7 95.1



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: 17.464 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

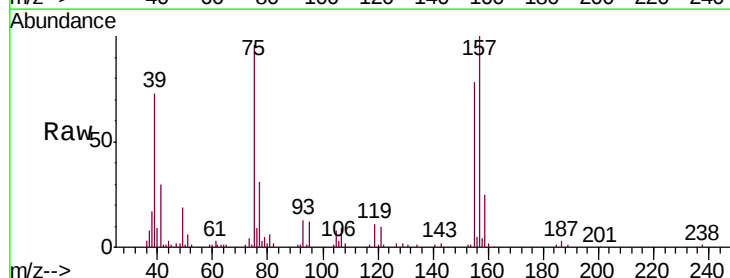
Tgt Ion: 75 Resp: 13856

Ion Ratio Lower Upper

75 100

155 80.1 39.9 119.6

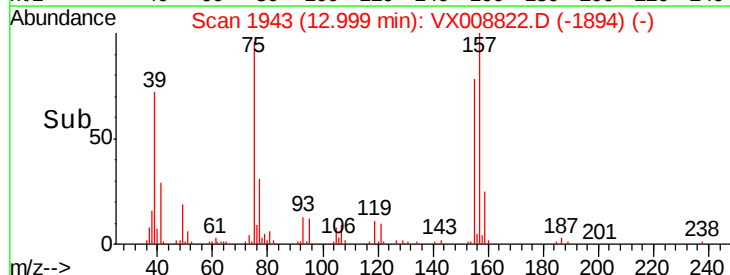
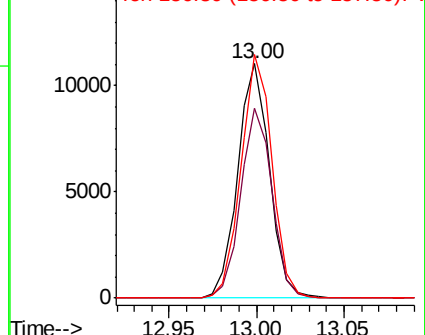
157 101.6 51.5 154.7



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

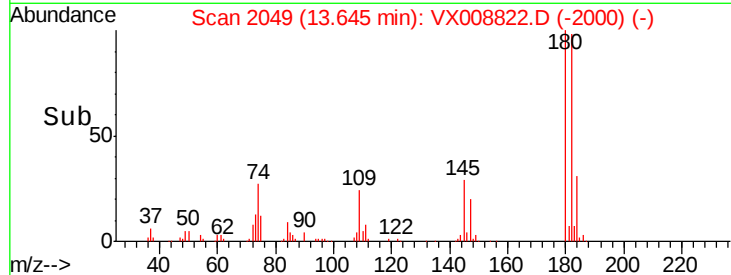
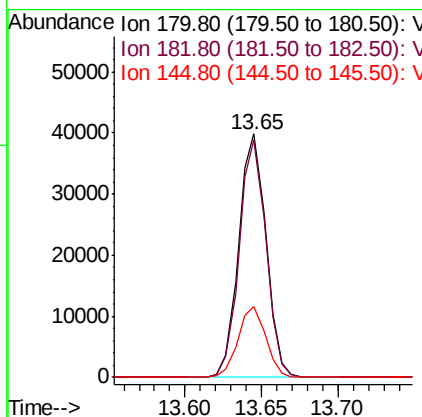
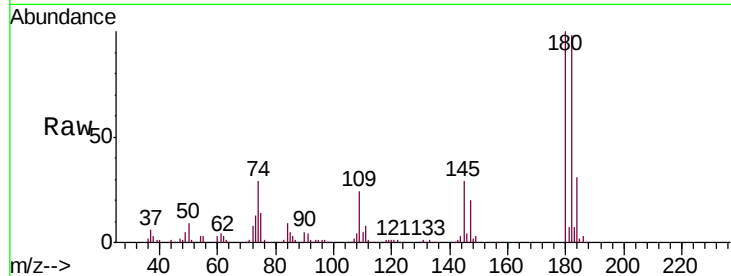




#93
 1,2,4-Trichlorobenzene
 Concen: 17.448 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

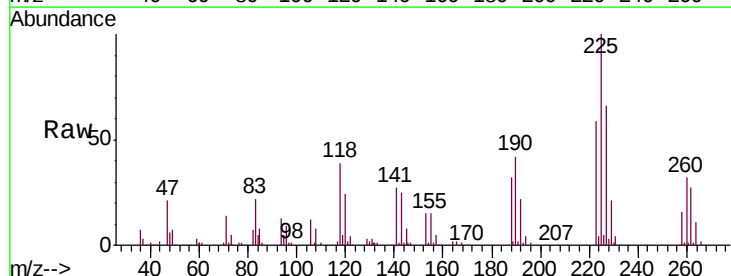
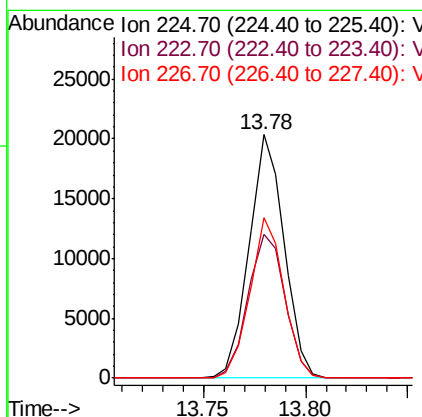
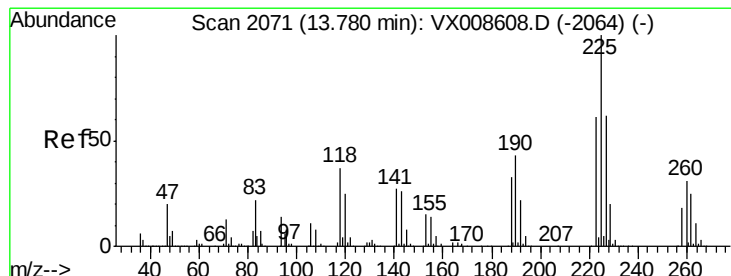
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0410WBS02

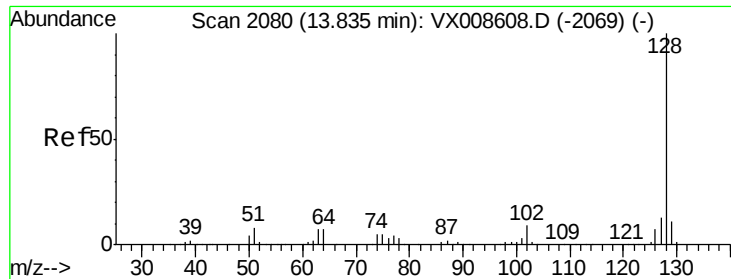
Tgt Ion:180 Resp: 49160
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.2 141.6
 145 29.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 17.959 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion:225 Resp: 24267
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 64.2 31.9 95.5

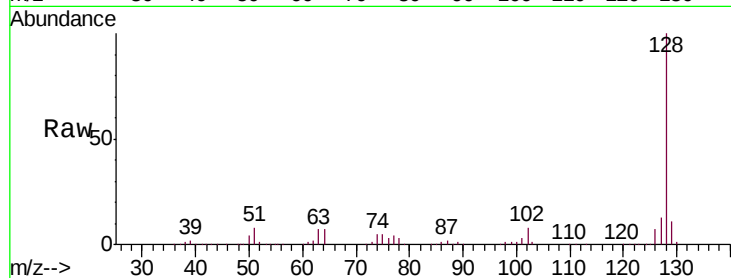




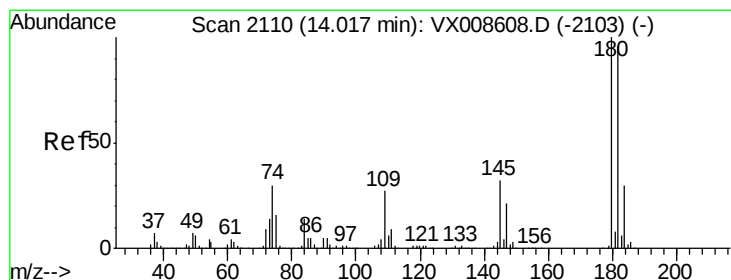
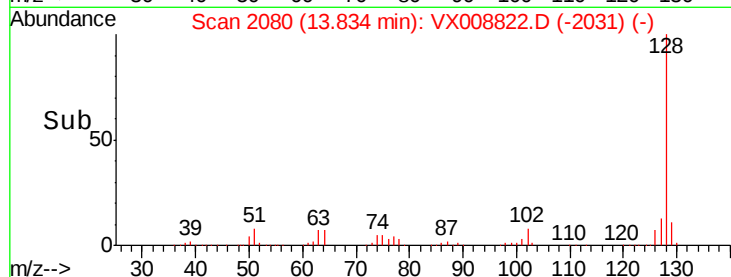
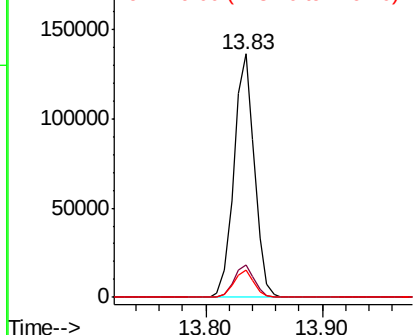
#95
Naphthalene
Concen: 17.667 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tgt Ion:128 Resp: 166369
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0

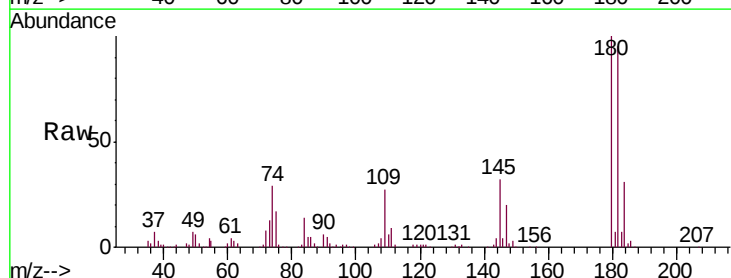


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.661 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:180 Resp: 49717
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.3
145 31.6 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

