

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008927.D
 Acq On : 13 Apr 2019 13:25
 Operator : JC/SP
 Sample : VX0413WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 14 04:12:14 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	176745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112304	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
35) Dibromofluoromethane	5.50	113	85072	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	335958	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.13	95	123081	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	42954	21.113	ug/l	98
3) Chloromethane	1.33	50	50269	19.118	ug/l	99
4) Vinyl Chloride	1.41	62	49380	17.955	ug/l	98
5) Bromomethane	1.64	94	28173	21.896	ug/l	99
6) Chloroethane	1.72	64	29435	17.638	ug/l	96
7) Trichlorofluoromethane	1.93	101	58530	19.252	ug/l	100
8) Diethyl Ether	2.19	74	26040	18.062	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36474	18.634	ug/l	96
10) Methyl Iodide	2.51	142	32716	20.886	ug/l	99
11) Tert butyl alcohol	3.05	59	59079	97.890	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36744	17.982	ug/l	98
13) Acrolein	2.29	56	23349	78.023	ug/l	98
14) Allyl chloride	2.73	41	83152	17.776	ug/l	100
15) Acrylonitrile	3.14	53	141058	88.225	ug/l	99
16) Acetone	2.45	43	125129	84.273	ug/l	99
17) Carbon Disulfide	2.57	76	107147	17.681	ug/l	100
18) Methyl Acetate	2.78	43	63487	17.630	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	138632	18.998	ug/l	100
20) Methylene Chloride	2.85	84	43668	17.570	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39150	17.713	ug/l	94
22) Diisopropyl ether	3.85	45	164367	18.231	ug/l	91
23) Vinyl Acetate	3.81	43	734996	93.712	ug/l	100
24) 1,1-Dichloroethane	3.70	63	80344	17.999	ug/l	98
25) 2-Butanone	4.67	43	210361	89.638	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58964	18.755	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45896	18.061	ug/l	97
28) Bromochloromethane	5.01	49	35225	16.887	ug/l	97
29) Tetrahydrofuran	5.13	42	139593	89.620	ug/l	99
30) Chloroform	5.21	83	73345	18.396	ug/l	97
31) Cyclohexane	5.58	56	81733	18.350	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61120	18.971	ug/l	100
36) 1,1-Dichloropropene	5.80	75	56687	18.603	ug/l	98
37) Ethyl Acetate	4.84	43	80153	19.707	ug/l	98
38) Carbon Tetrachloride	5.78	117	50560	20.047	ug/l	98

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 ClientSampleId :

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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)
39) Methylcyclohexane	7.46	83	73504	19.527	ug/l	99
40) Benzene	6.14	78	175117	19.291	ug/l	99
41) Methacrylonitrile	5.04	41	44714	19.125	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62360	19.162	ug/l	100
43) Isopropyl Acetate	6.45	43	124163	19.487	ug/l	99
44) Trichloroethene	7.21	130	41753	19.748	ug/l	96
45) 1,2-Dichloropropane	7.51	63	49728	19.192	ug/l	99
46) Dibromomethane	7.66	93	28159	18.738	ug/l	97
47) Bromodichloromethane	7.90	83	55328	19.527	ug/l	98
48) Methyl methacrylate	7.77	41	62262	19.318	ug/l	98
49) 1,4-Dioxane	7.74	88	23066	382.038	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	409651	99.877	ug/l	99
52) Toluene	8.78	92	106610	19.920	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63295	19.942	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	70040	19.312	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41747	19.433	ug/l	98
56) Ethyl methacrylate	9.18	69	79162	20.366	ug/l	97
57) 1,3-Dichloropropane	9.37	76	75044	19.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	178279	89.825	ug/l	98
59) 2-Hexanone	9.49	43	315082	98.849	ug/l	100
60) Dibromochloromethane	9.58	129	40583	20.047	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43497	19.449	ug/l	99
64) Tetrachloroethene	9.34	164	39685	21.697	ug/l	99
65) Chlorobenzene	10.13	112	108241	19.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39330	20.487	ug/l	99
67) Ethyl Benzene	10.25	91	200953	19.693	ug/l	98
68) m/p-Xylenes	10.36	106	145879	39.761	ug/l	98
69) o-Xylene	10.69	106	71041	19.980	ug/l	98
70) Styrene	10.71	104	123147	20.093	ug/l	100
71) Bromoform	10.85	173	30787	20.997	ug/l #	99
73) Isopropylbenzene	11.02	105	191108	19.691	ug/l	100
74) N-amyl acetate	10.90	43	108837	19.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68691	18.610	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80529	25.031	ug/l	82
77) Bromobenzene	11.26	156	46727	20.027	ug/l	95
78) n-propylbenzene	11.36	91	219183	19.395	ug/l	99
79) 2-Chlorotoluene	11.42	91	129392	18.920	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161650	19.842	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22553	19.324	ug/l	97
82) 4-Chlorotoluene	11.51	91	149084	18.833	ug/l	98
83) tert-Butylbenzene	11.77	119	152736	19.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	162359	19.682	ug/l	99
85) sec-Butylbenzene	11.94	105	185021	19.873	ug/l	98
86) p-Isopropyltoluene	12.06	119	170609	20.417	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81560	19.526	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	81359	19.235	ug/l	99
89) n-Butylbenzene	12.38	91	156219	19.935	ug/l	100
90) Hexachloroethane	12.60	117	27841	20.088	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	80730	19.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15017	18.494	ug/l	99

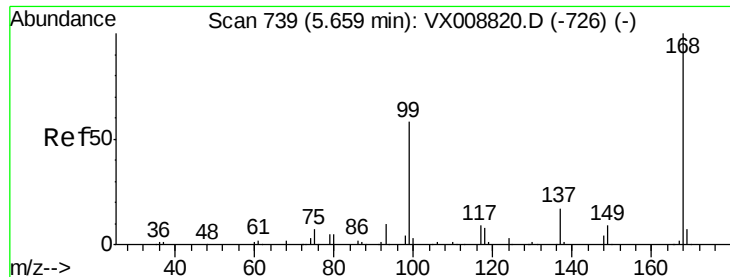
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041319\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57123	19.810	ug/l	98
94) Hexachlorobutadiene	13.78	225	29992	21.688	ug/l	100
95) Naphthalene	13.83	128	185957	19.295	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	56982	19.778	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

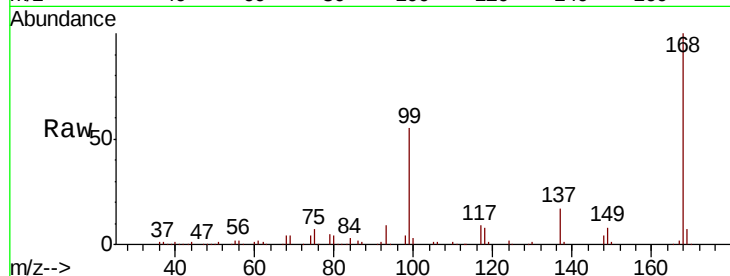
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 176745

Ion Ratio Lower Upper

168 100

99 54.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VX008820.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008820.D (-726) (-)

5.66

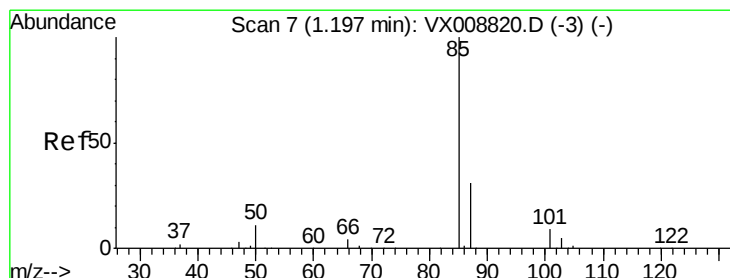
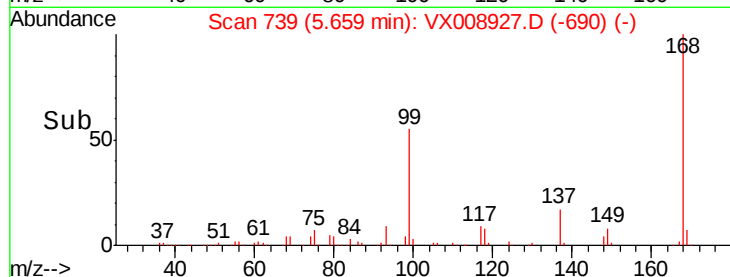
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.113 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008927.D

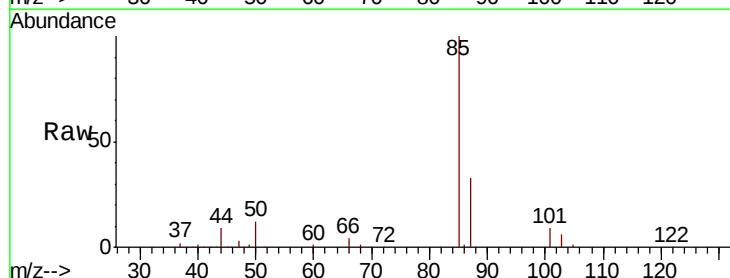
Acq: 13 Apr 2019 13:25

Tgt Ion: 85 Resp: 42954

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX008820.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008820.D (-3) (-)

1.20

40000

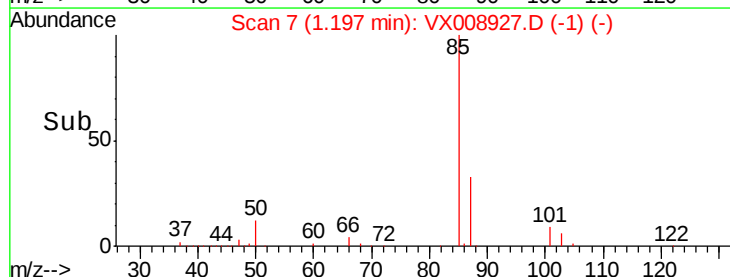
30000

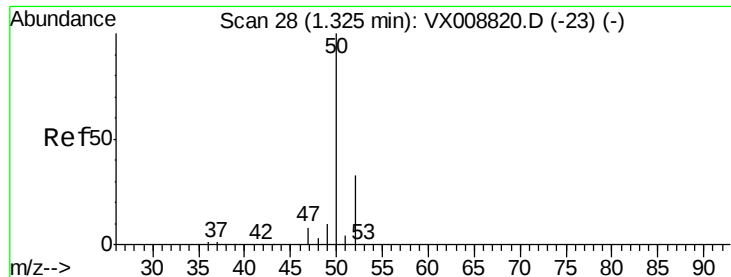
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.118 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

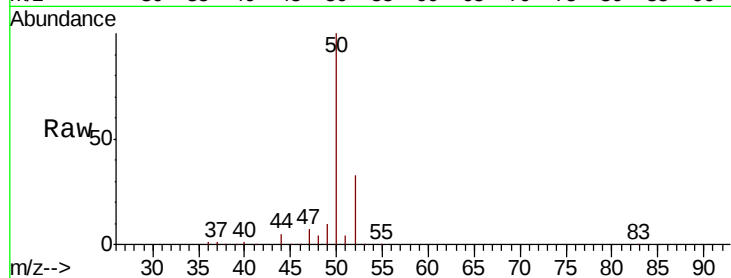
ClientSampleId :

Tot Ion: 50 Resp: 50269

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

40000

30000

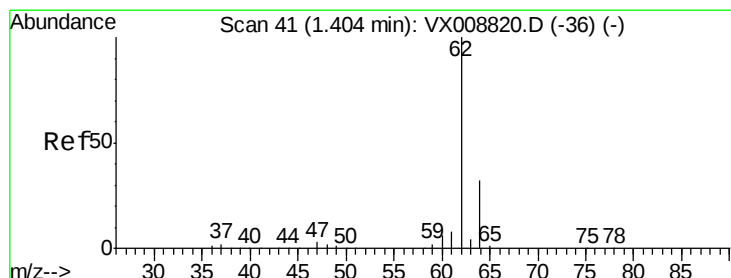
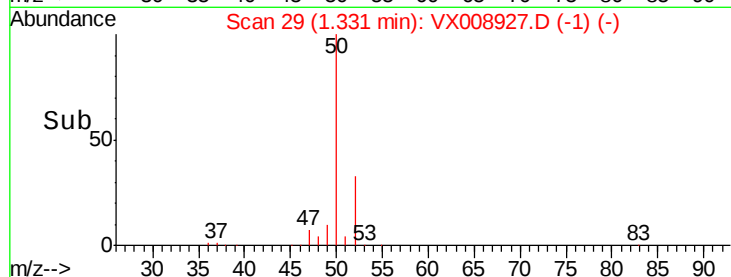
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 17.955 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008927.D

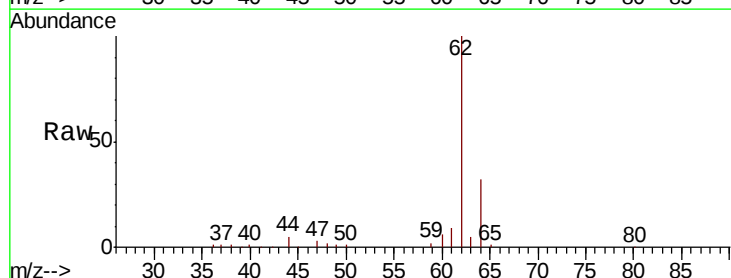
Acq: 13 Apr 2019 13:25

Tgt Ion: 62 Resp: 49380

Ion Ratio Lower Upper

62 100

64 32.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

50000

40000

30000

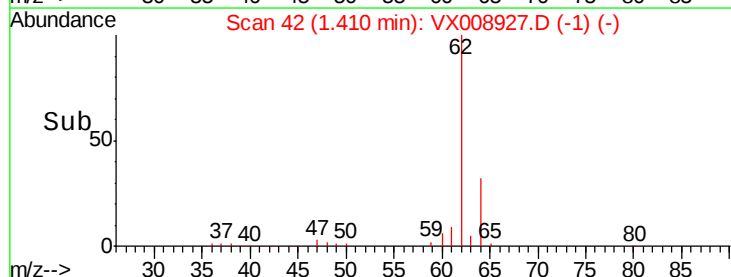
20000

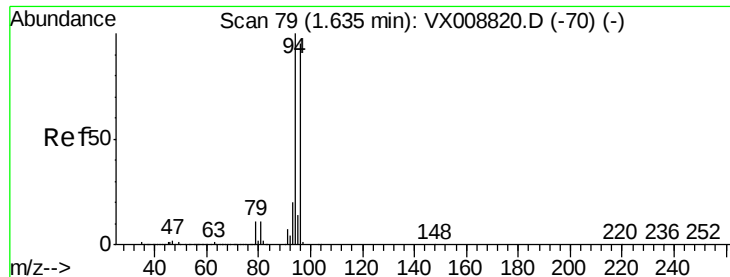
10000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 21.896 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

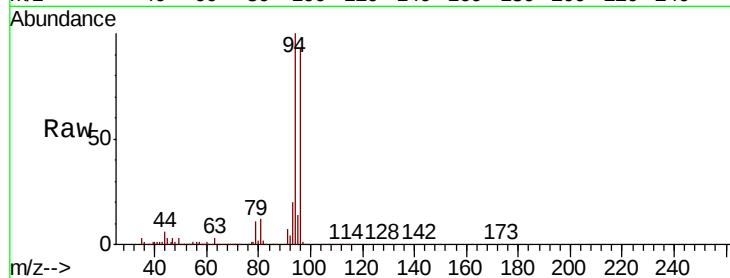
ClientSampleId :

Tot Ion: 94 Resp: 28173

Ion Ratio Lower Upper

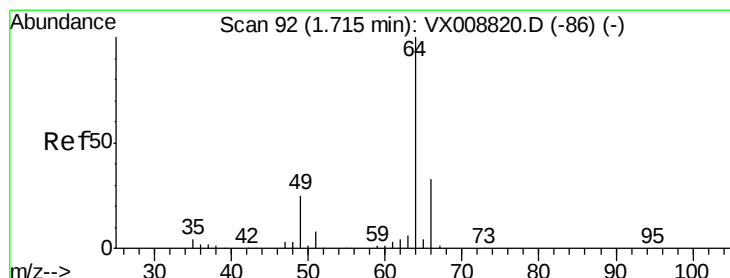
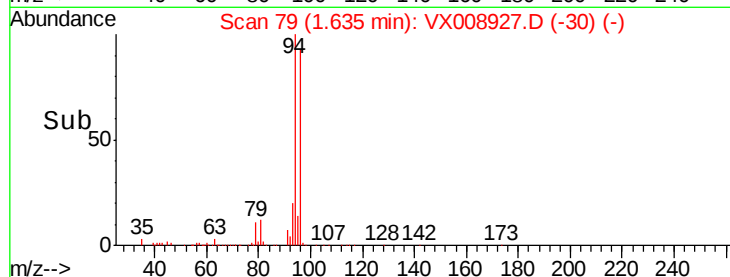
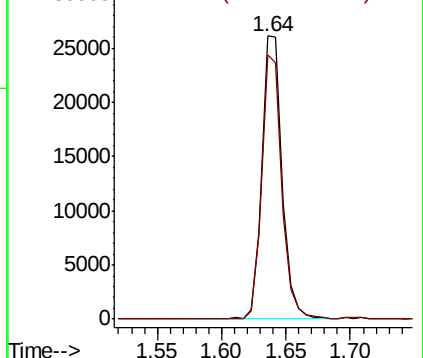
94 100

96 93.1 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: 17.638 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008927.D

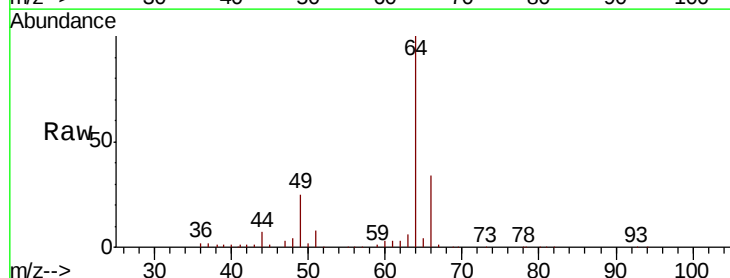
Acq: 13 Apr 2019 13:25

Tgt Ion: 64 Resp: 29435

Ion Ratio Lower Upper

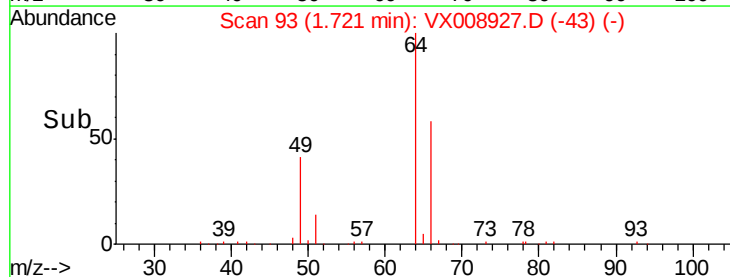
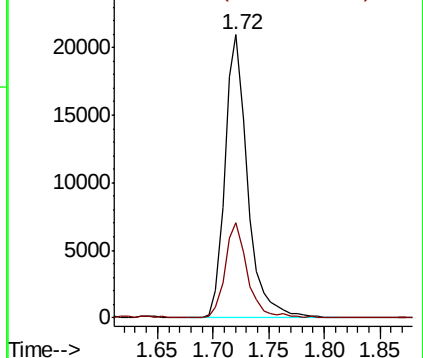
64 100

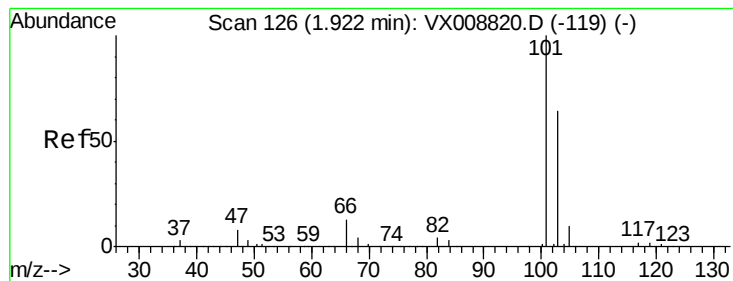
66 33.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



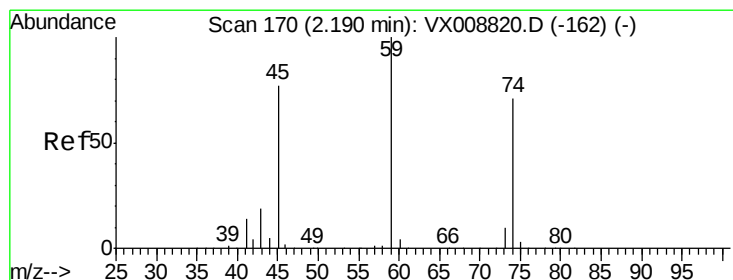
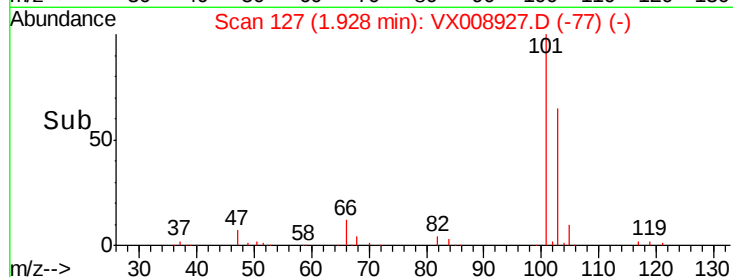
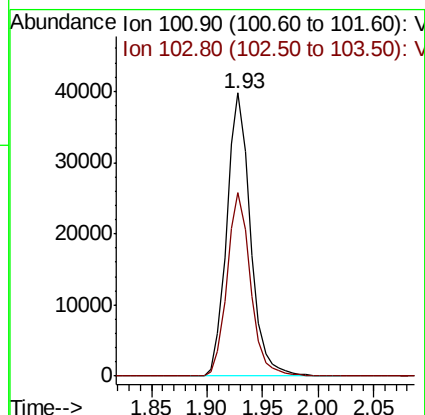
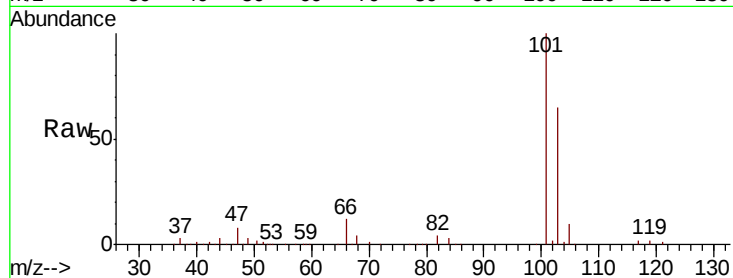


#7

Trichlorofluoromethane
 Concen: 19.252 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

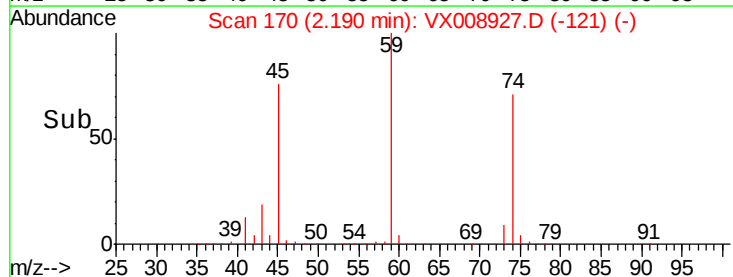
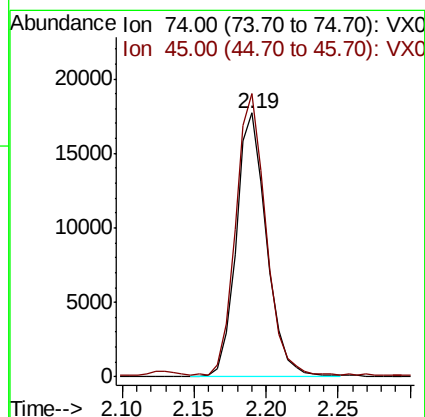
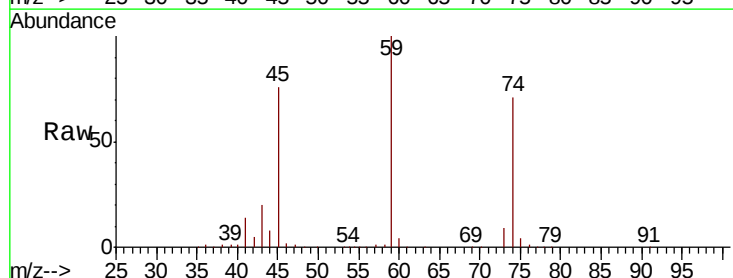
Tot Ion:101 Resp: 58530
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5

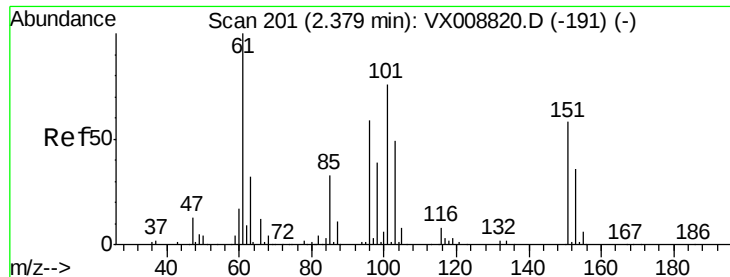


#8

Diethyl Ether
 Concen: 18.062 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion: 74 Resp: 26040
 Ion Ratio Lower Upper
 74 100
 45 106.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.634 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampled :

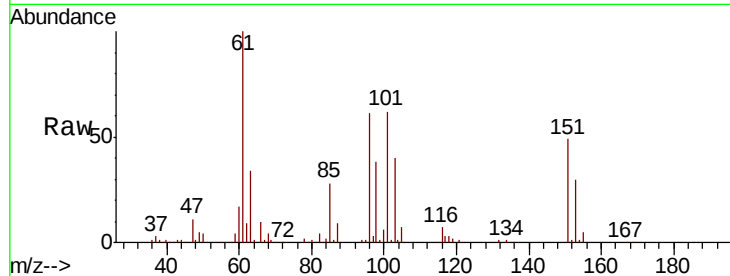
Tot Ion:101 Resp: 36474

Ion Ratio Lower Upper

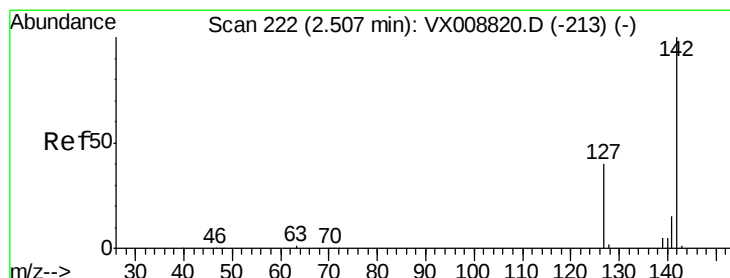
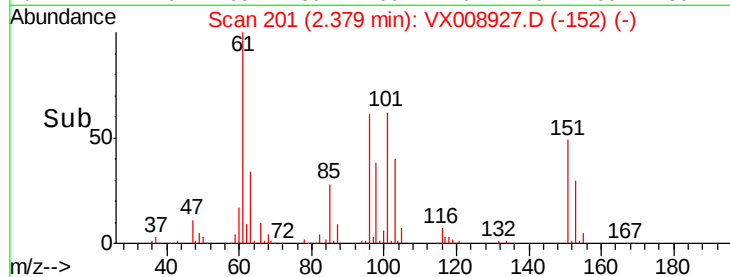
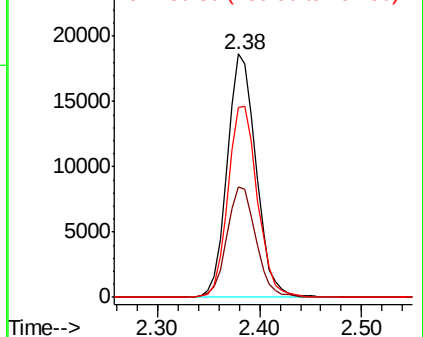
101 100

85 45.5 36.0 54.0

151 79.9 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: 20.886 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

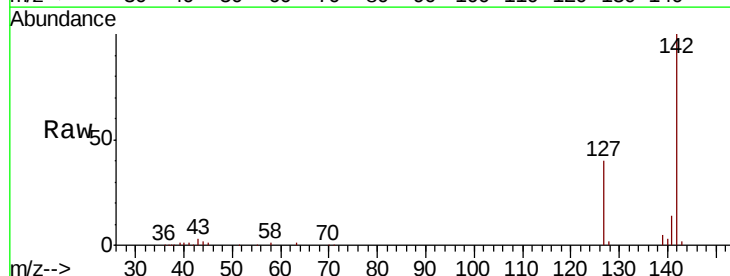
Tgt Ion:142 Resp: 32716

Ion Ratio Lower Upper

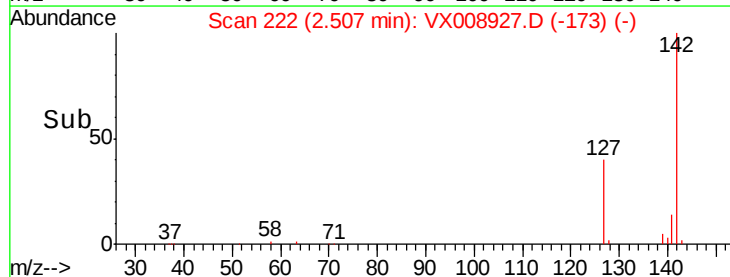
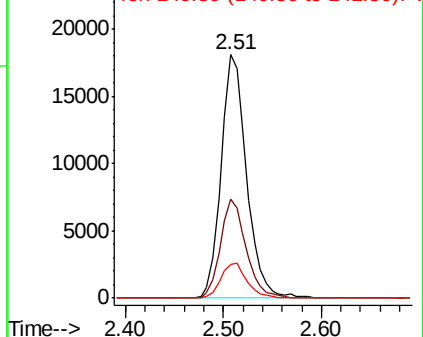
142 100

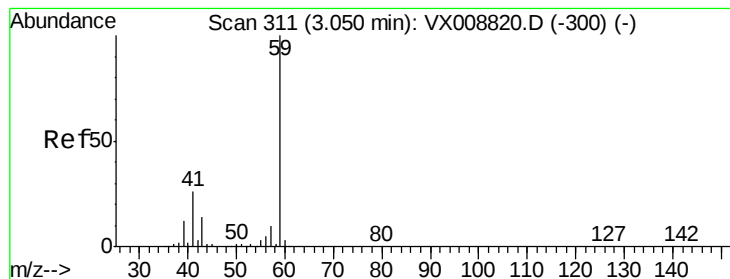
127 40.9 33.0 49.6

141 14.8 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



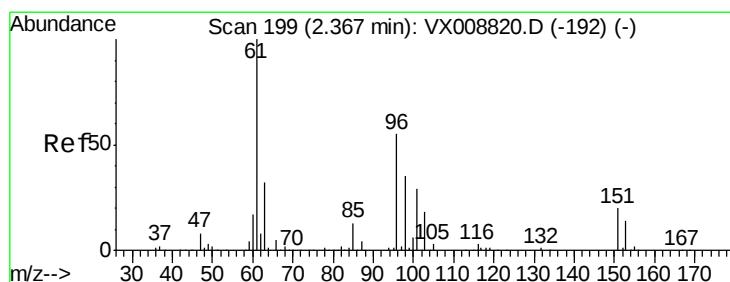
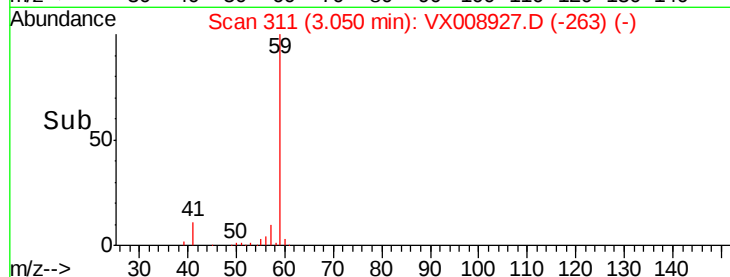
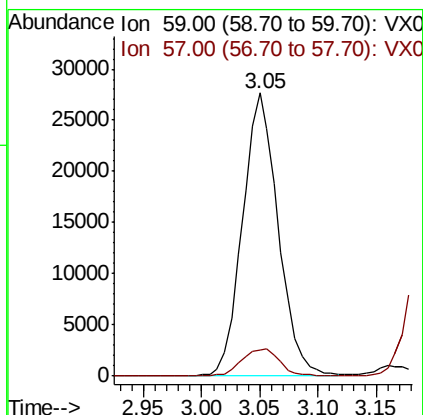
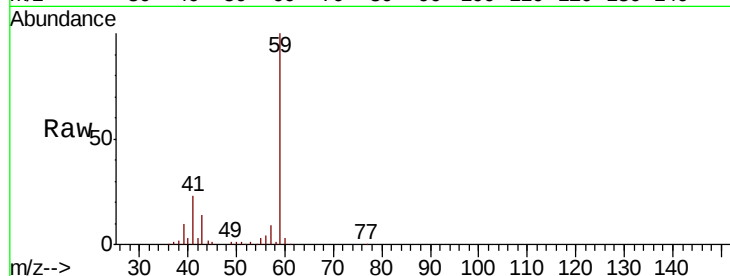


#11

Tert butyl alcohol
 Concen: 97.890 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

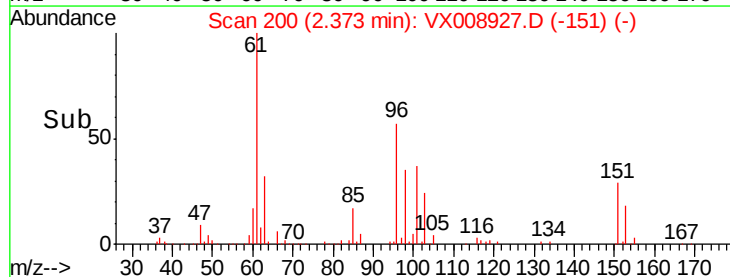
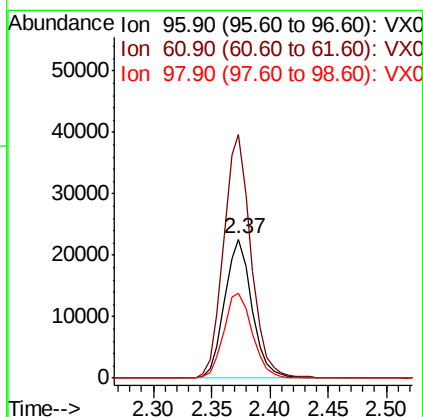
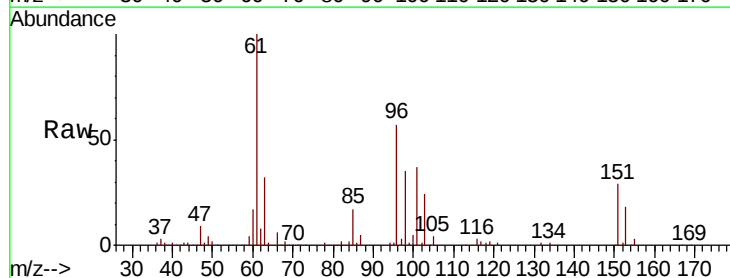
Tot Ion: 59 Resp: 59079
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

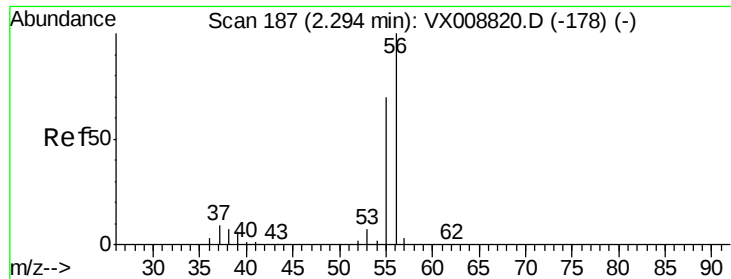


#12

1,1-Dichloroethene
 Concen: 17.982 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion: 96 Resp: 36744
 Ion Ratio Lower Upper
 96 100
 61 175.5 140.9 211.3
 98 61.0 52.1 78.1





#13

Acrolein

Concen: 78.023 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

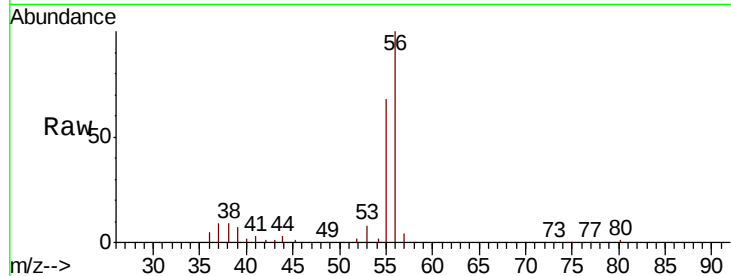
ClientSampleId :

Tot Ion: 56 Resp: 23349

Ion Ratio Lower Upper

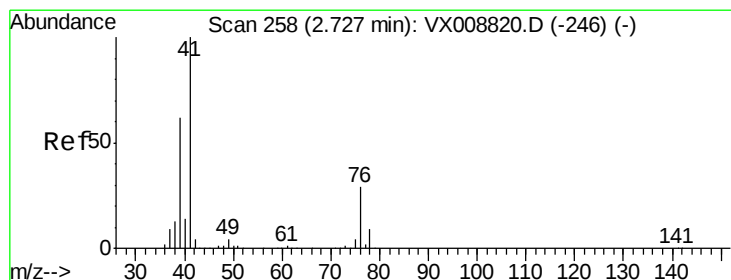
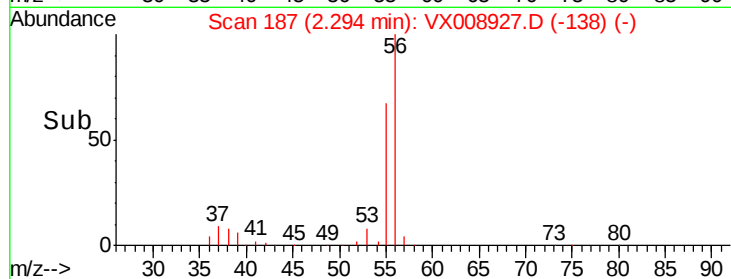
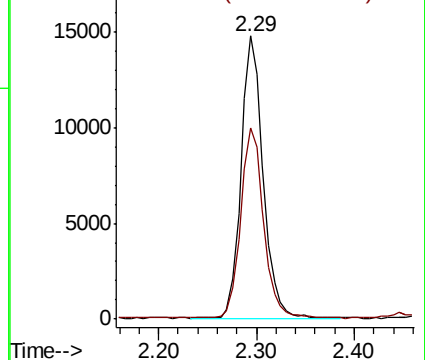
56 100

55 71.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.776 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

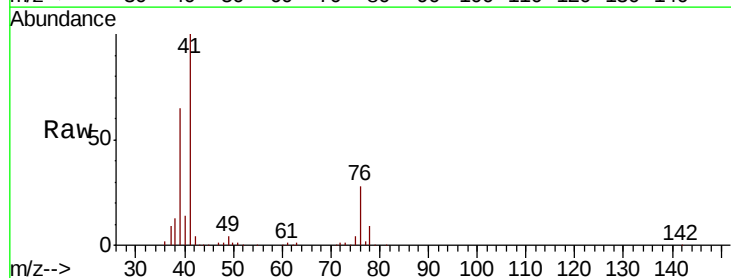
Tgt Ion: 41 Resp: 83152

Ion Ratio Lower Upper

41 100

39 60.3 48.0 72.0

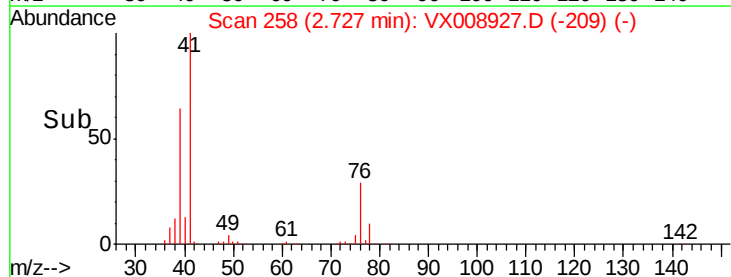
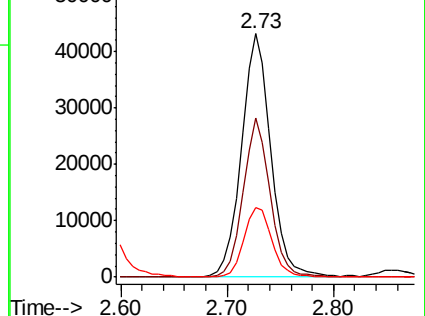
76 27.6 22.0 33.0

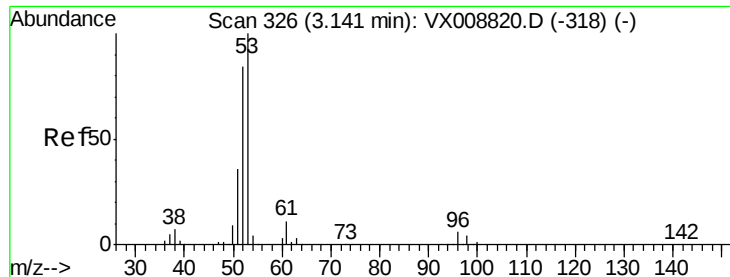


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.225 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

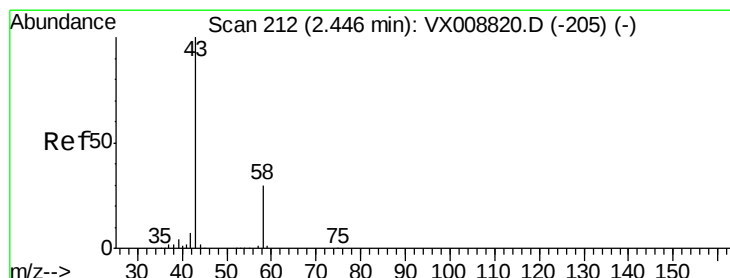
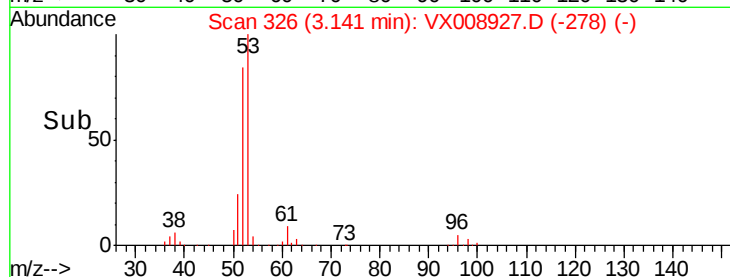
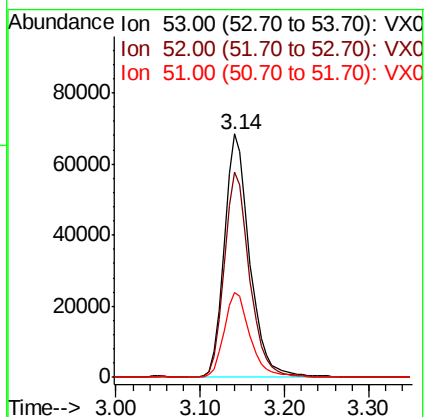
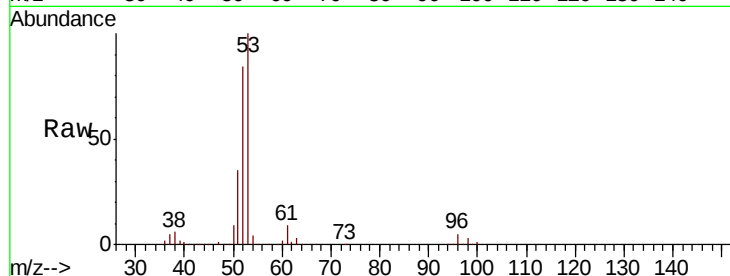
Tot Ion: 53 Resp: 141058

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

51 35.9 28.6 42.8



#16

Acetone

Concen: 84.273 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008927.D

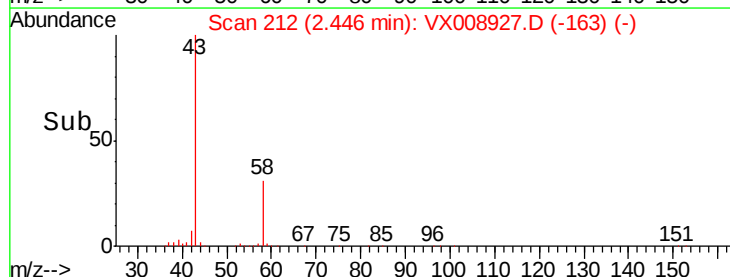
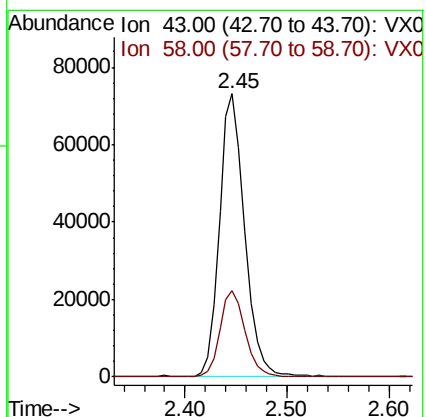
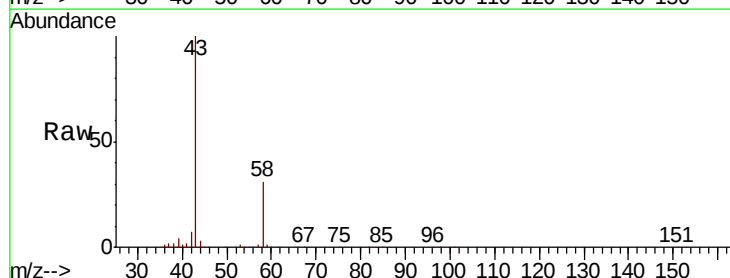
Acq: 13 Apr 2019 13:25

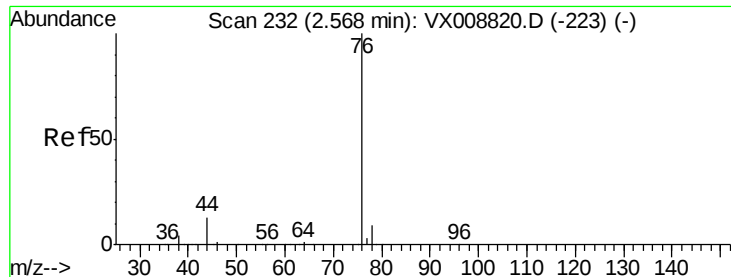
Tgt Ion: 43 Resp: 125129

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2

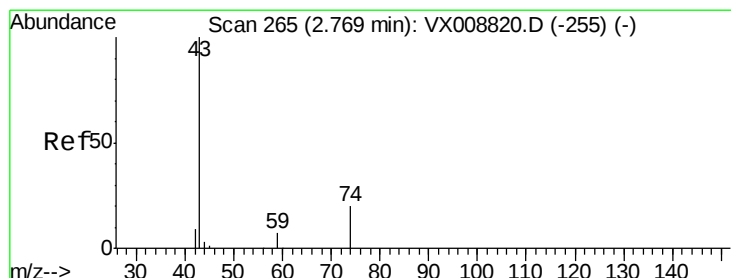
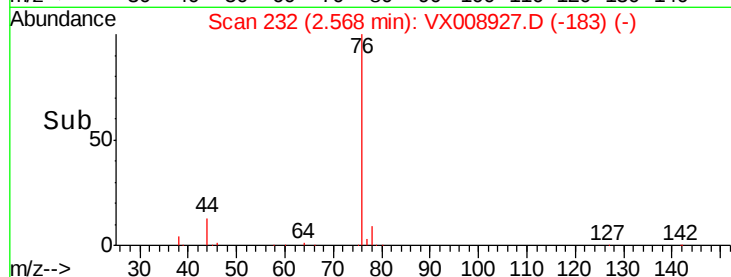
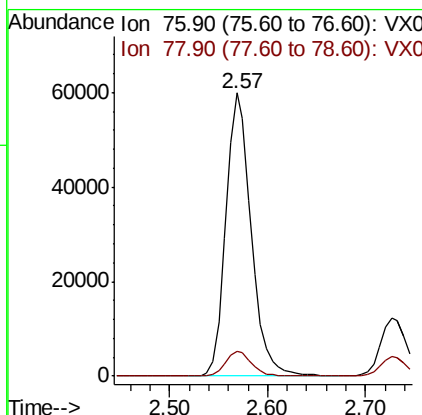
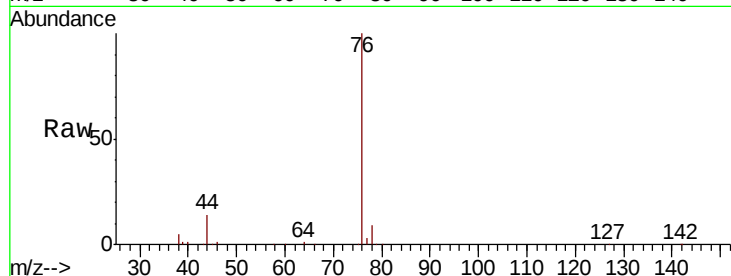




#17
Carbon Disulfide
Concen: 17.681 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

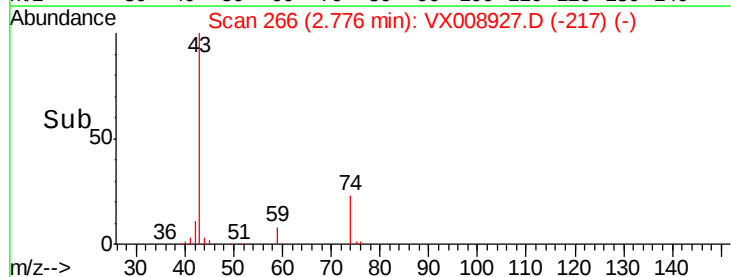
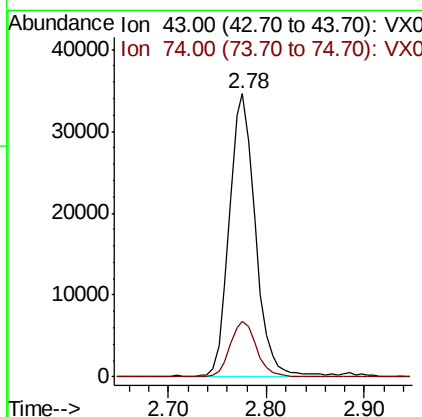
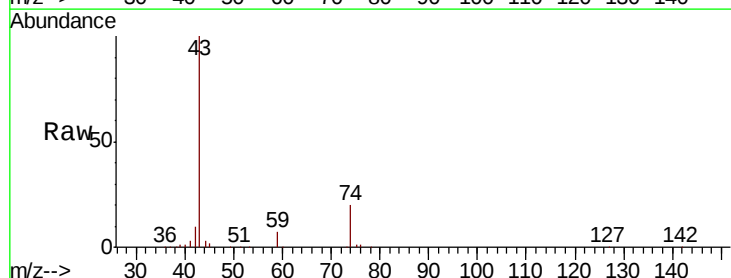
Instrument :
MSVOA_X
ClientSampleId :

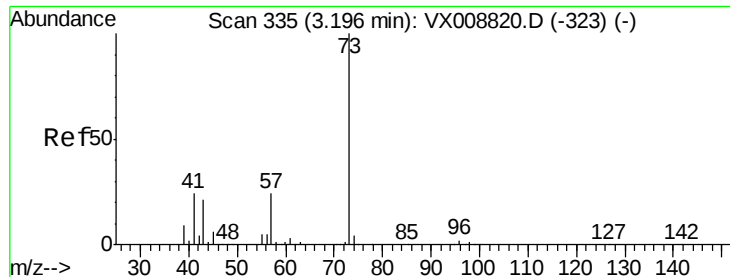
Tot Ion: 76 Resp: 107147
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 17.630 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 43 Resp: 63487
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7

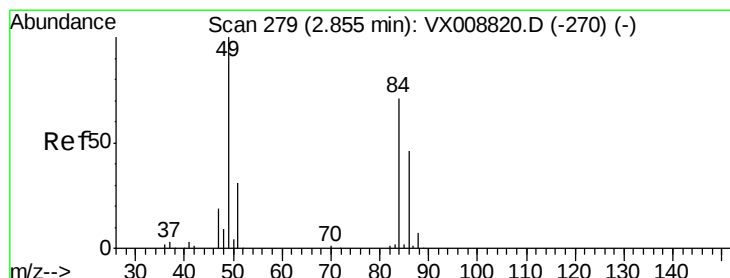
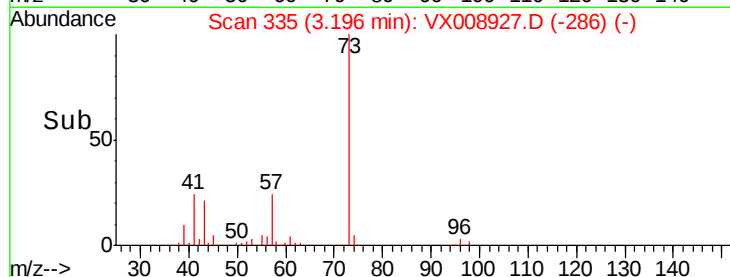
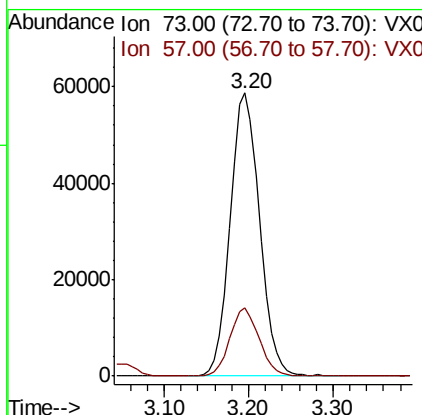
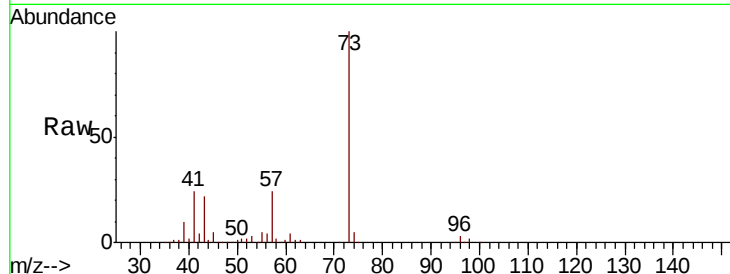




#19
Methvl tert-butvl Ether
Concen: 18.998 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

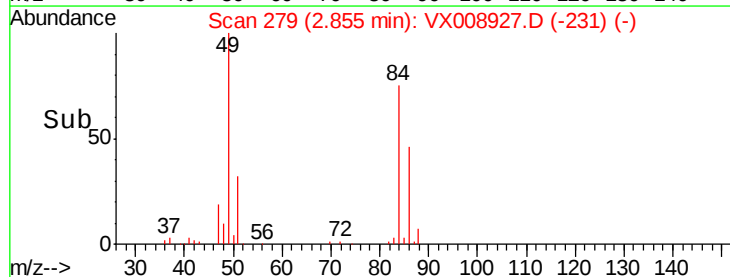
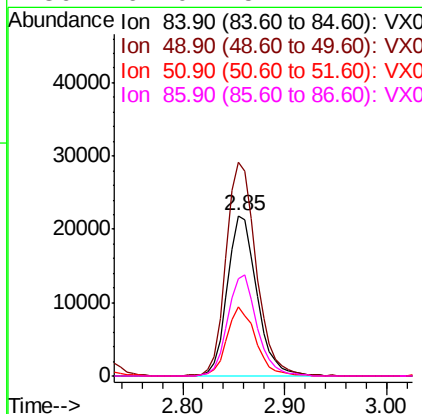
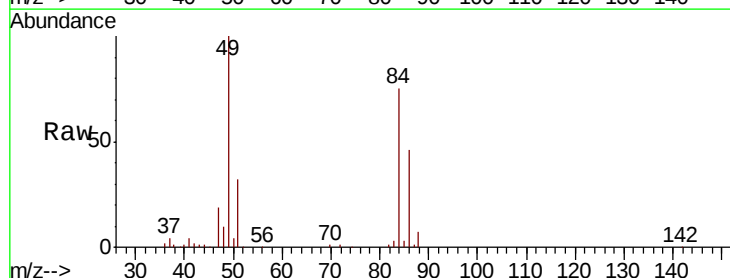
Instrument :
MSVOA_X
ClientSampleId :

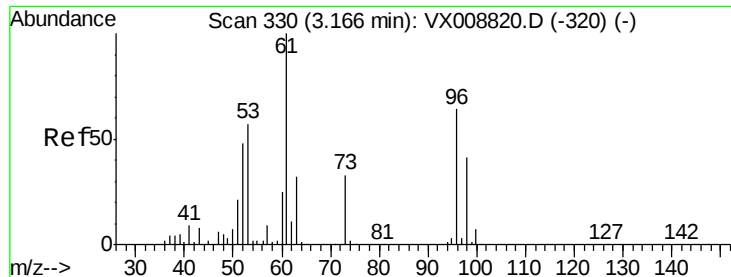
Tot Ion: 73 Resp: 138632
Ion Ratio Lower Upper
73 100
57 24.2 19.5 29.3



#20
Methylene Chloride
Concen: 17.570 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 84 Resp: 43668
Ion Ratio Lower Upper
84 100
49 132.9 109.7 164.5
51 42.7 33.6 50.4
86 61.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.713 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

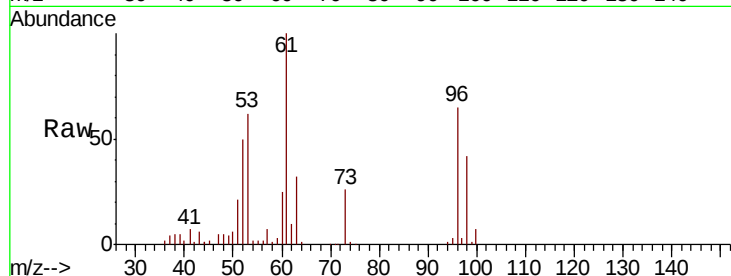
Tot Ion: 96 Resp: 39150

Ion Ratio Lower Upper

96 100

61 154.5 132.1 198.1

98 64.6 52.2 78.2

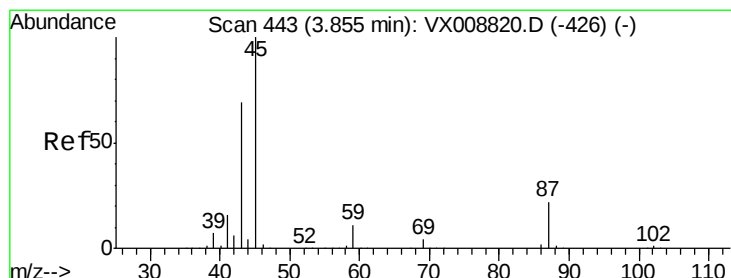
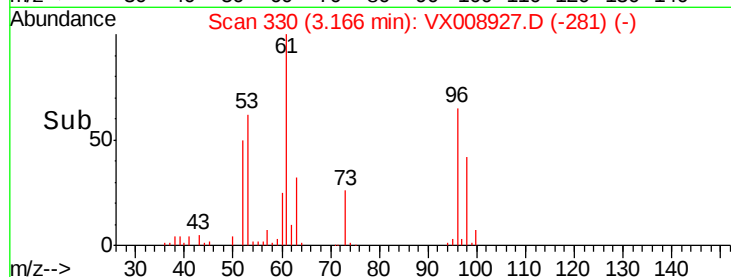
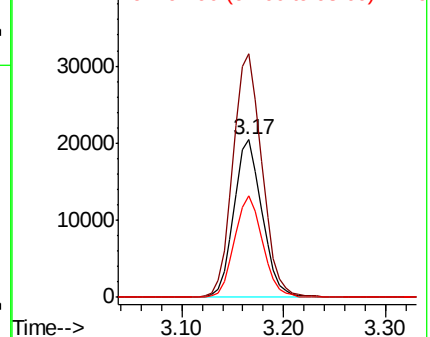


Abundance

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: 18.231 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion: 45 Resp: 164367

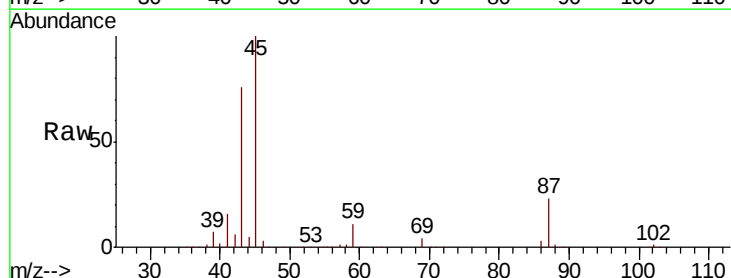
Ion Ratio Lower Upper

45 100

43 75.0 51.3 76.9

87 22.6 18.1 27.1

59 10.7 8.6 13.0



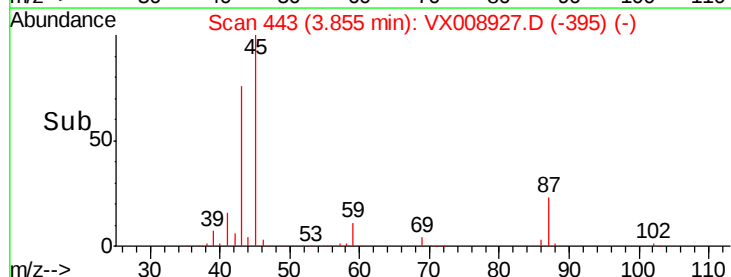
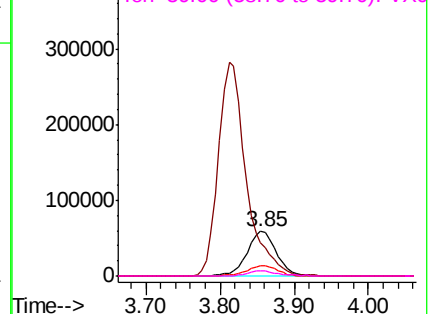
Abundance

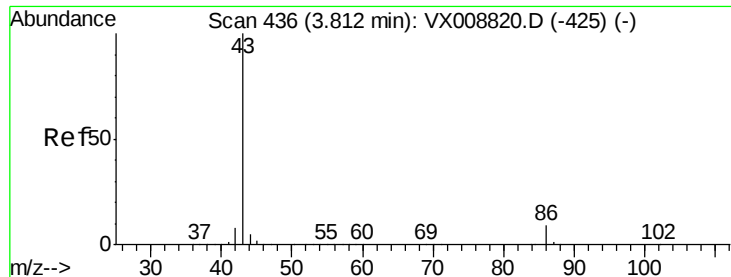
Ion 45.00 (44.70 to 45.70): VX0

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: 93.712 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

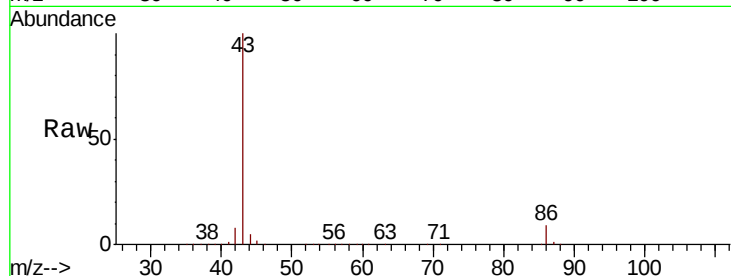
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 734996

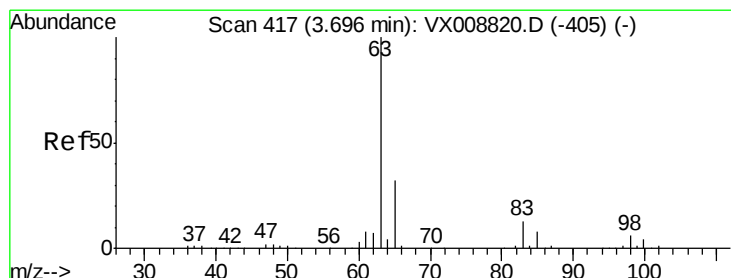
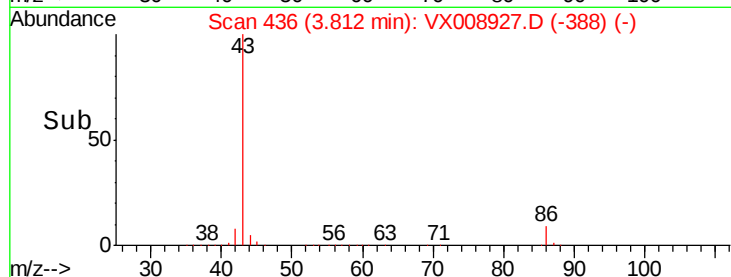
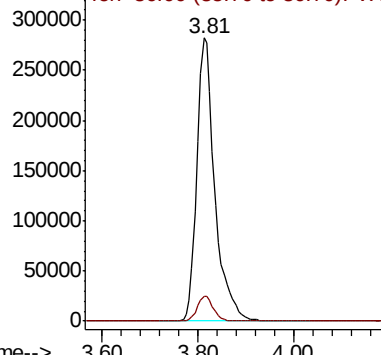
Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.999 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

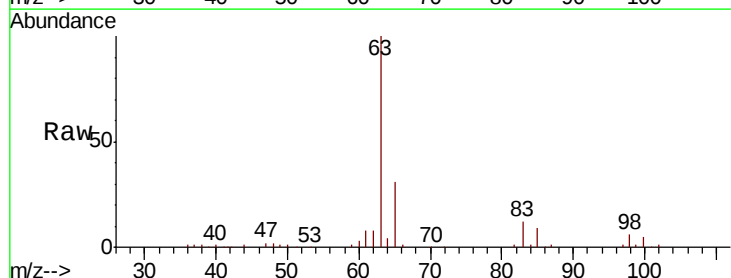
Tgt Ion: 63 Resp: 80344

Ion Ratio Lower Upper

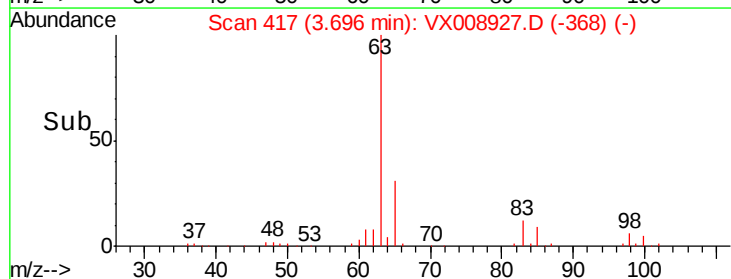
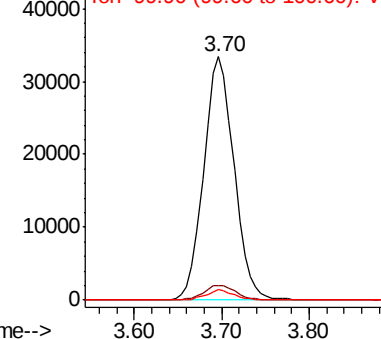
63 100

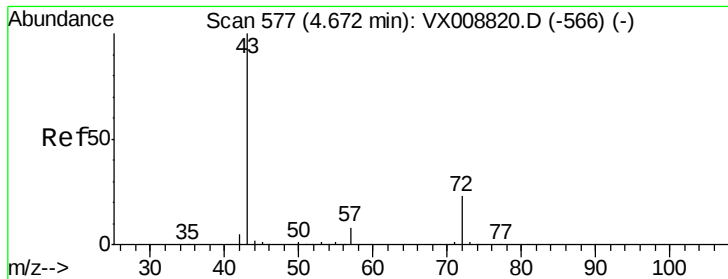
98 6.2 2.8 8.4

100 4.5 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





#25

2-Butanone

Concen: 89.638 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

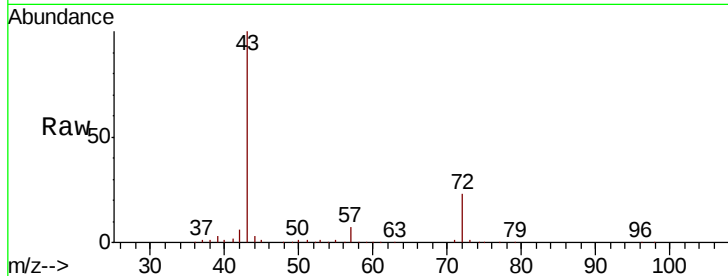
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 210361

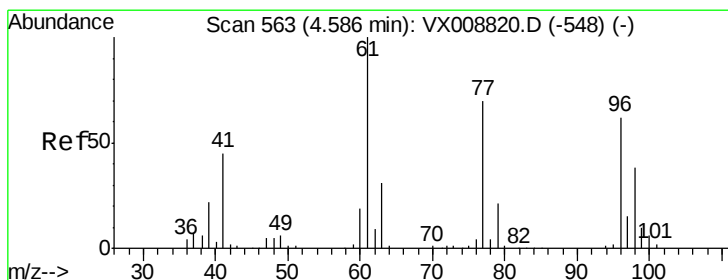
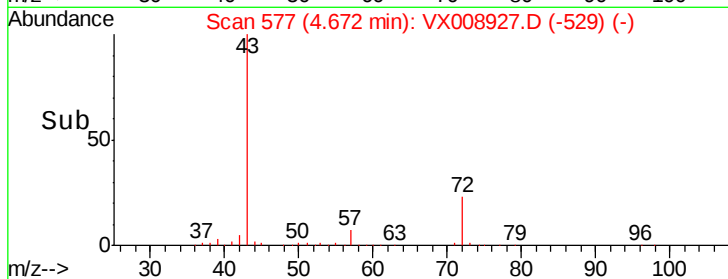
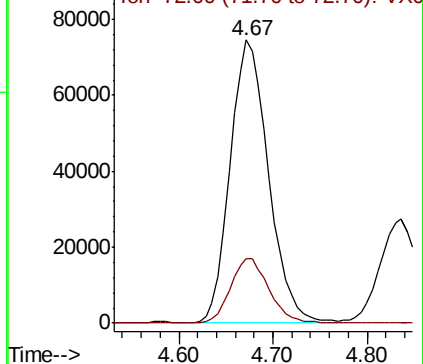
Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.755 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008927.D

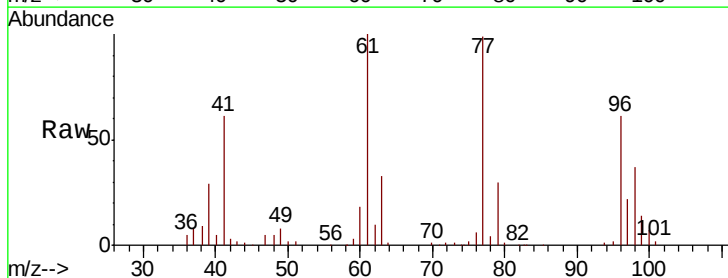
Acq: 13 Apr 2019 13:25

Tgt Ion: 77 Resp: 58964

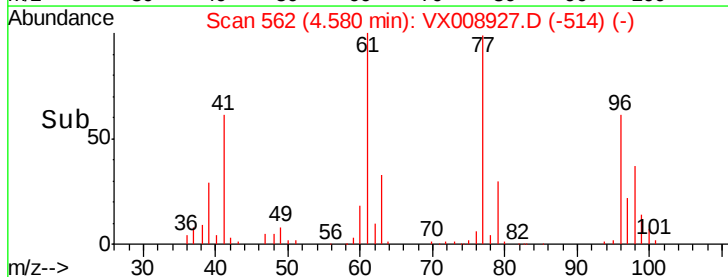
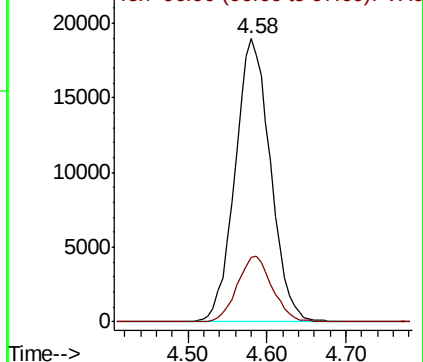
Ion Ratio Lower Upper

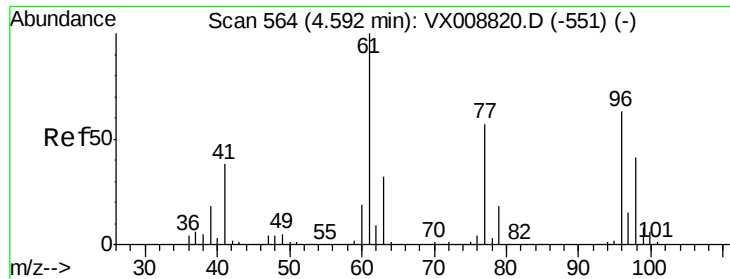
77 100

97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



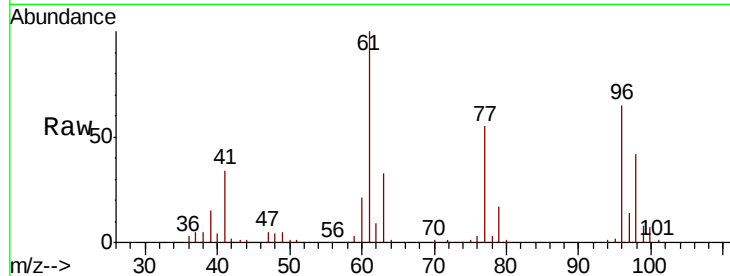


#27

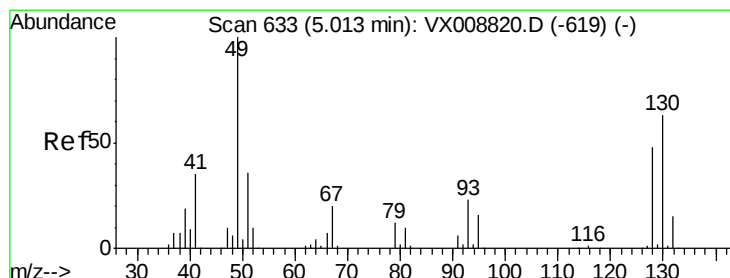
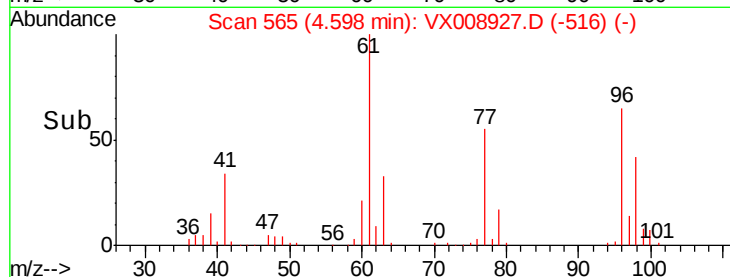
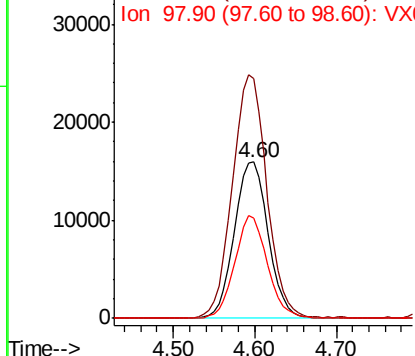
cis-1,2-Dichloroethene
Concen: 18.061 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	45896
Ion	Ratio	Lower	Upper
96	100		
61	158.4	0.0	327.6
98	63.2	0.0	128.6



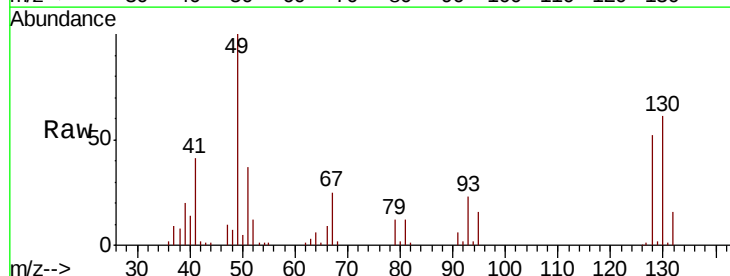
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



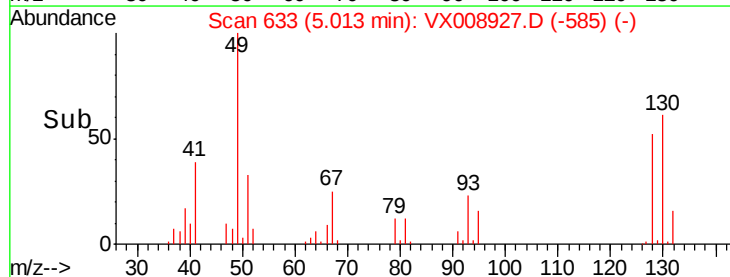
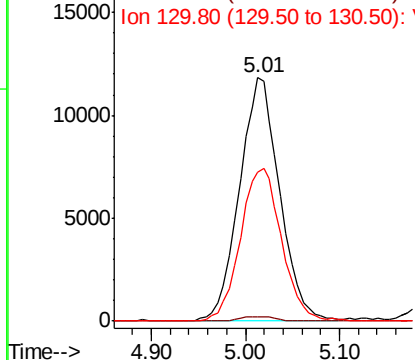
#28

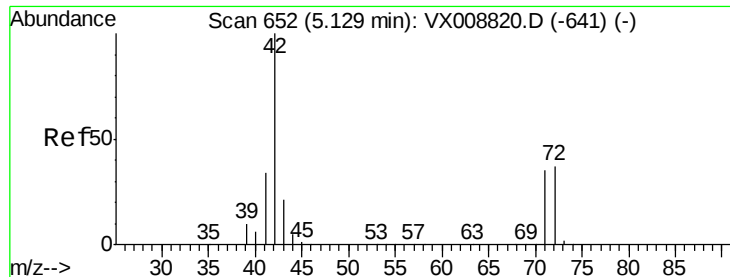
Bromochloromethane
Concen: 16.887 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	49	Resp	35225
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	64.2	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

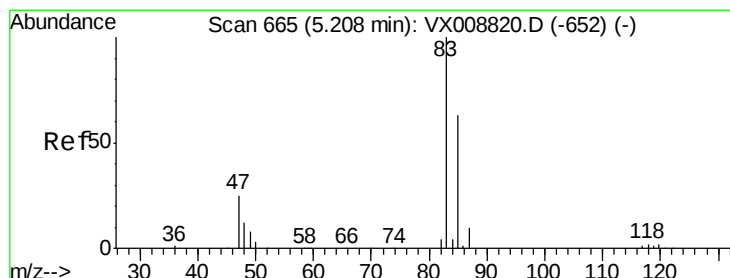
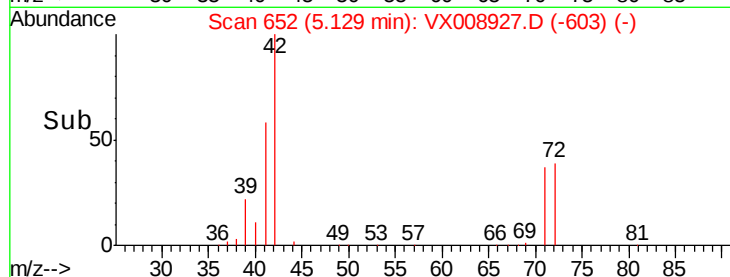
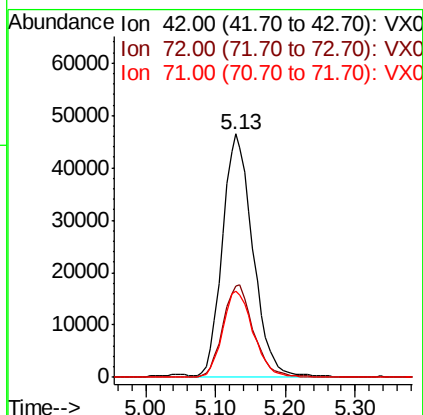
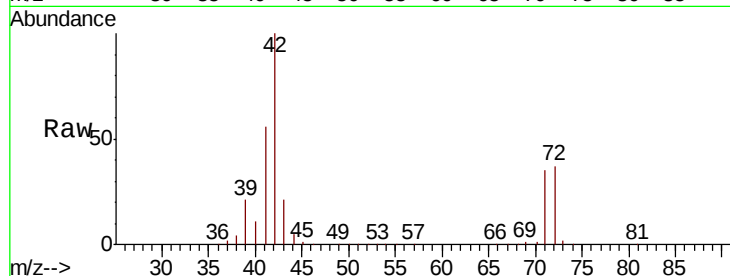




#29
Tetrahydrofuran
Concen: 89.620 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

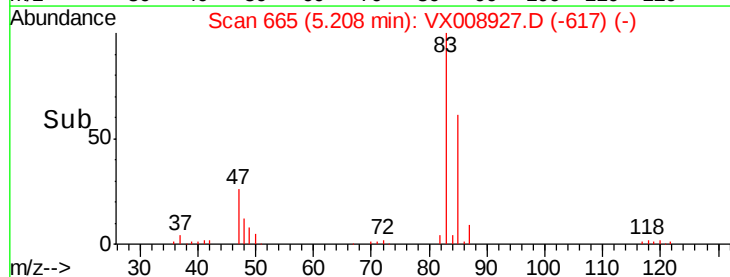
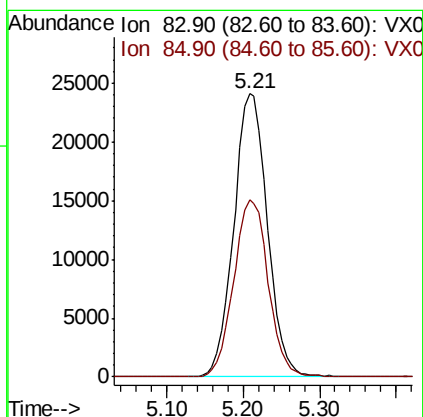
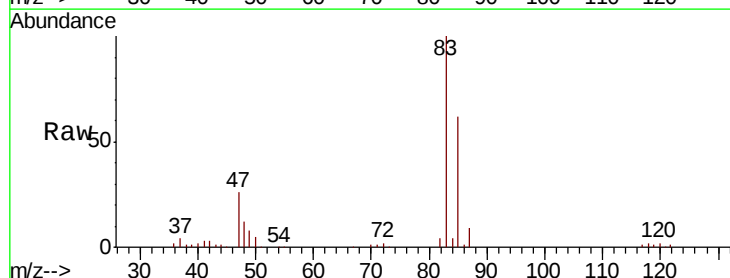
Instrument :
MSVOA_X
ClientSampleId :

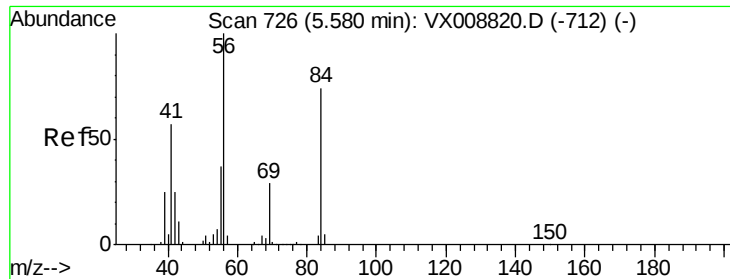
Tot Ion: 42 Resp: 139593
Ion Ratio Lower Upper
42 100
72 38.6 30.5 45.7
71 36.0 28.6 43.0



#30
Chloroform
Concen: 18.396 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 83 Resp: 73345
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1

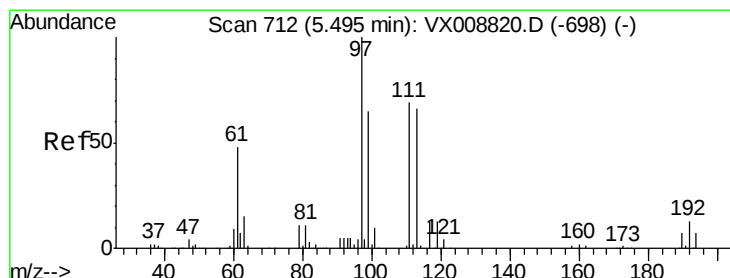
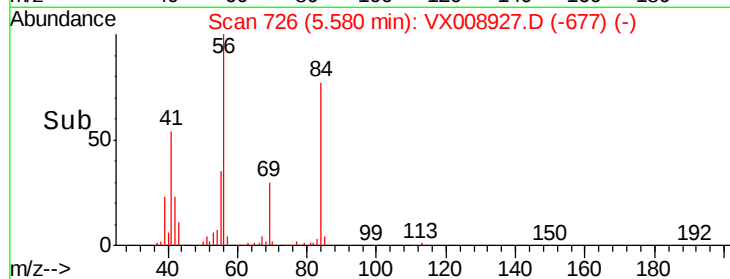
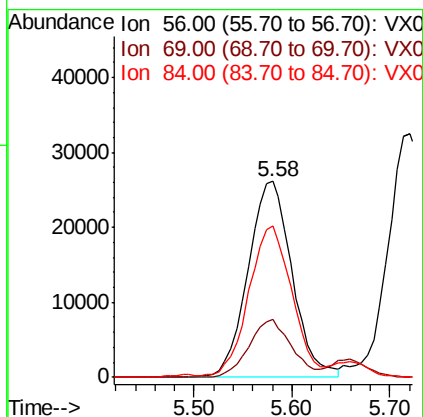
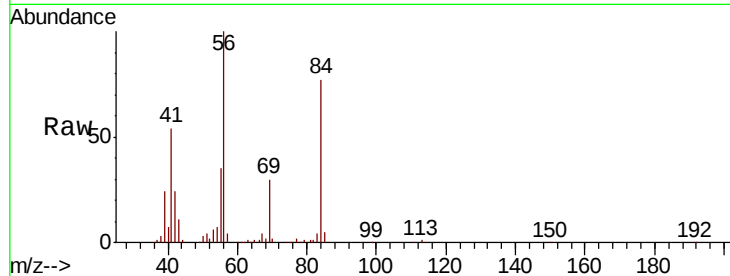




#31
Cyclohexane
Concen: 18.350 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

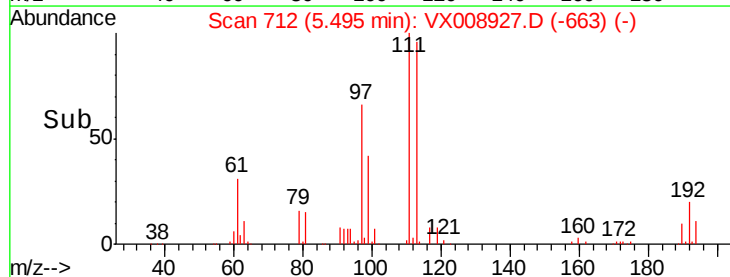
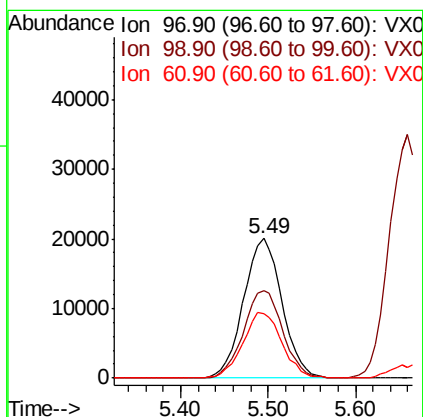
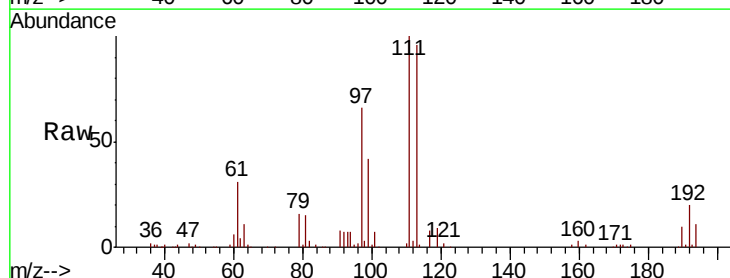
Instrument :
MSVOA_X
ClientSampleId :

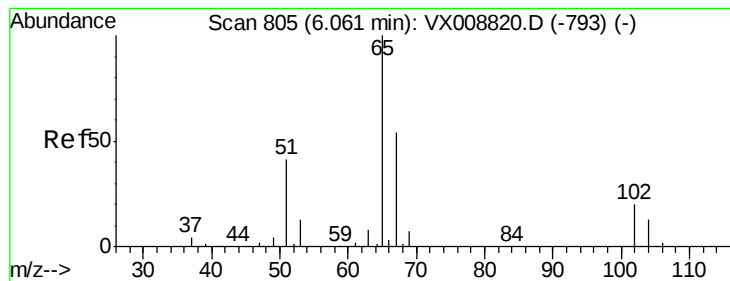
Tot Ion: 56 Resp: 81733
Ion Ratio Lower Upper
56 100
69 29.5 22.6 33.8
84 75.3 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 18.971 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 97 Resp: 61120
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 48.0 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 43.564 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

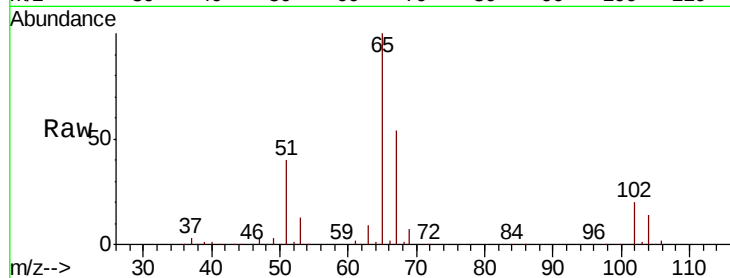
ClientSampleId :

Tot Ion: 65 Resp: 112304

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2

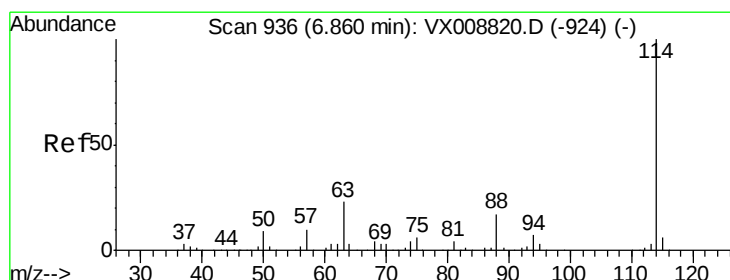
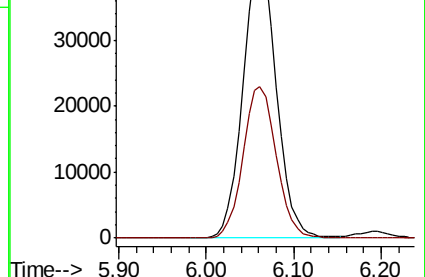
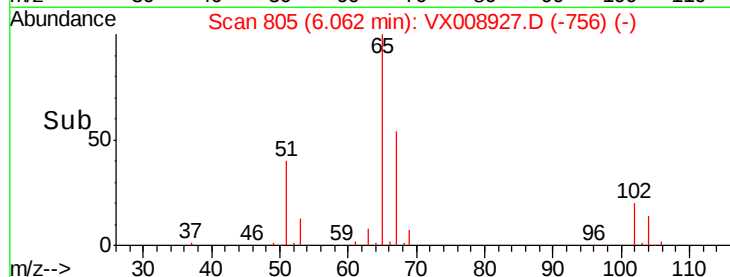


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

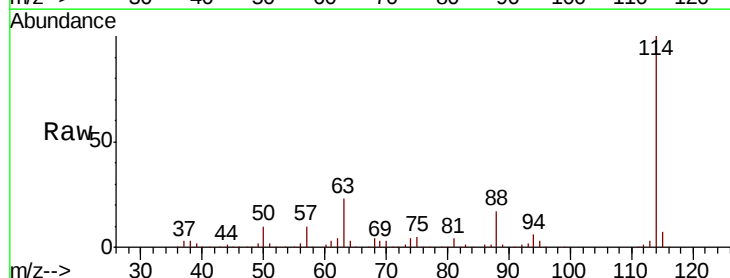
Tgt Ion:114 Resp: 278764

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.2

88 17.3 0.0 34.0



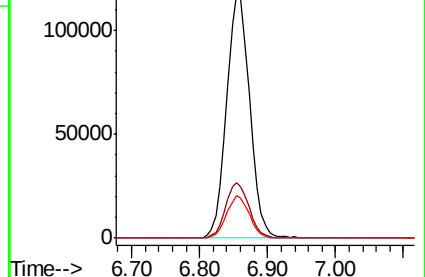
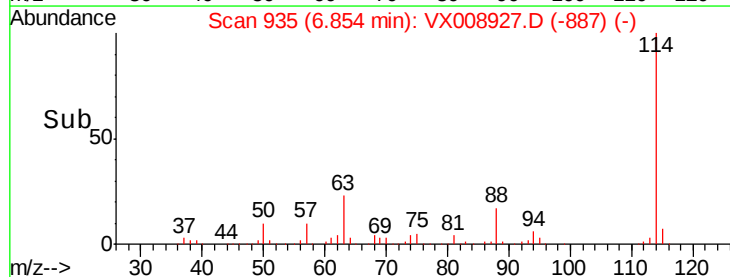
Abundance Ion 113.90 (113.60 to 114.60): V

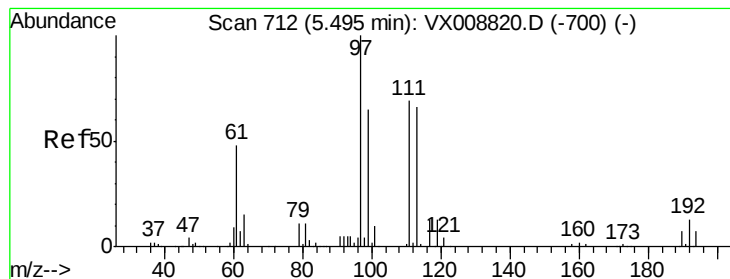
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->





#35

Dibromofluoromethane

Concen: 47.731 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

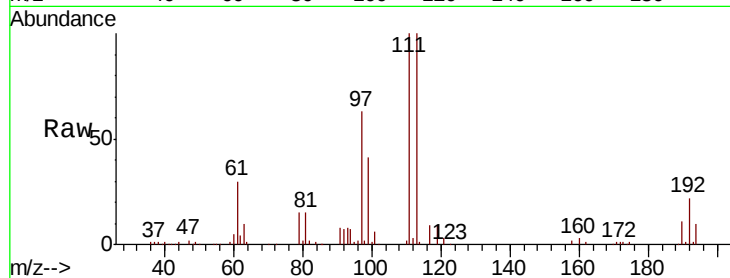
Tot Ion:113 Resp: 85072

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

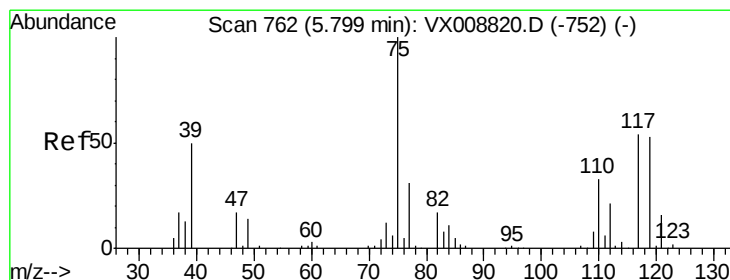
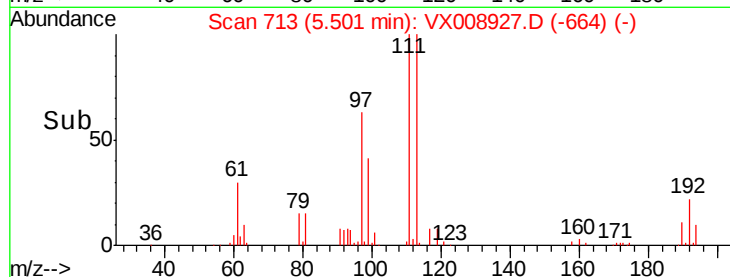
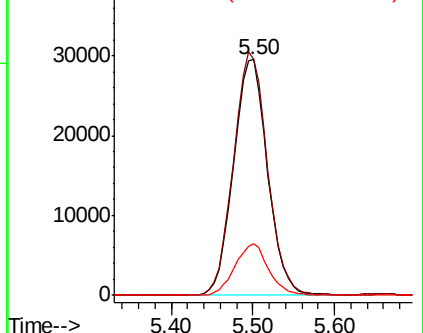
192 21.6 16.1 24.1



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: 18.603 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

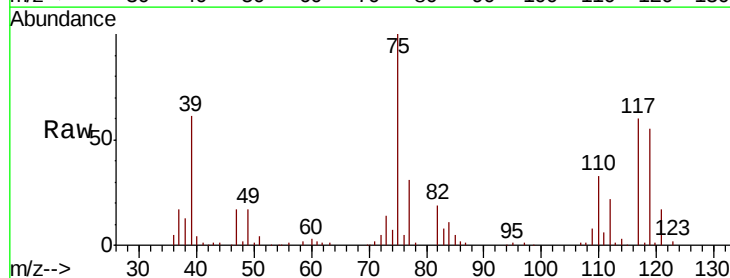
Tgt Ion: 75 Resp: 56687

Ion Ratio Lower Upper

75 100

110 34.0 16.4 49.2

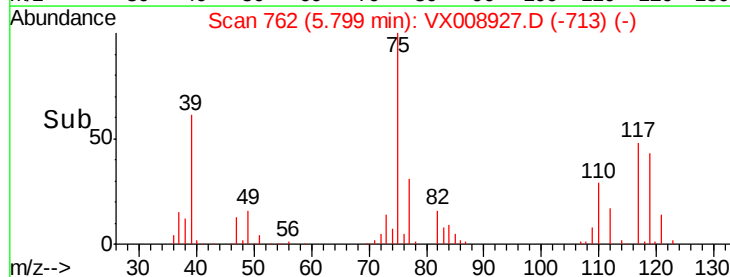
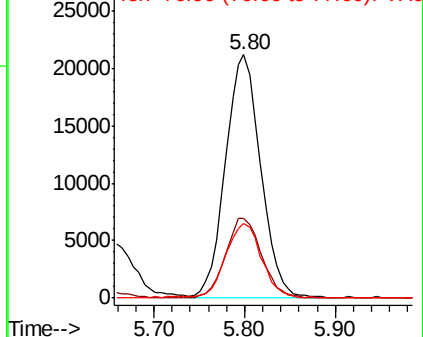
77 31.5 24.7 37.1

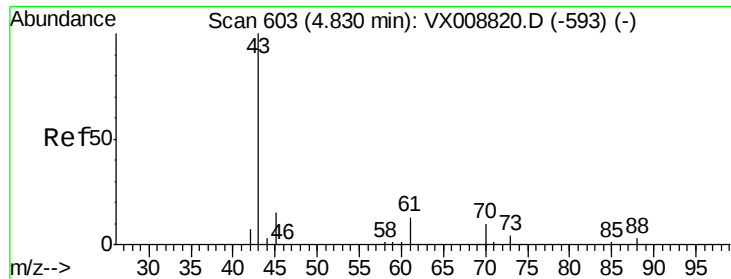


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

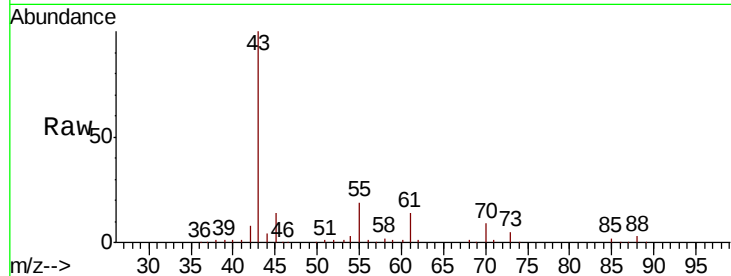




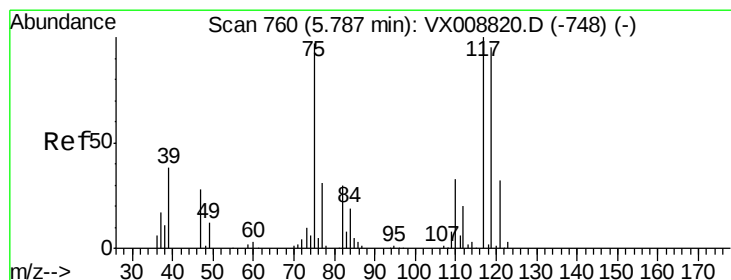
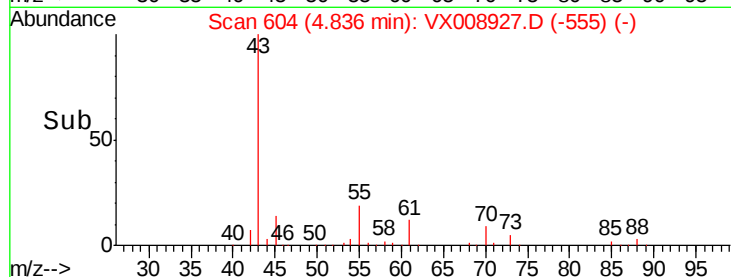
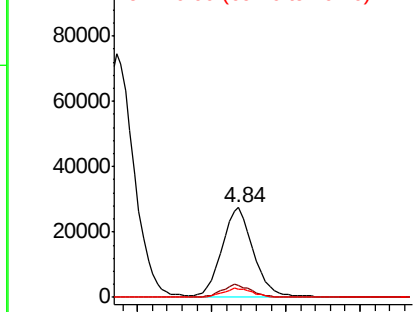
#37
Ethyl Acetate
Concen: 19.707 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 80153
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 9.7 7.6 11.4

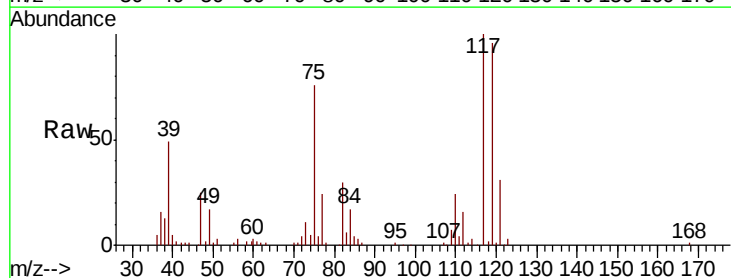


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

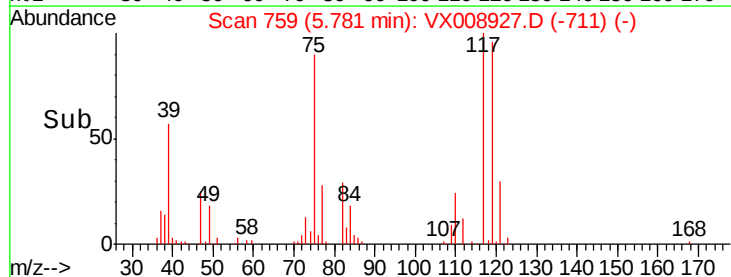
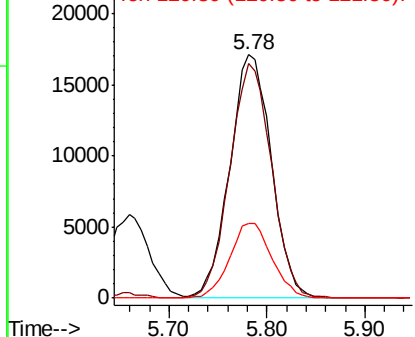


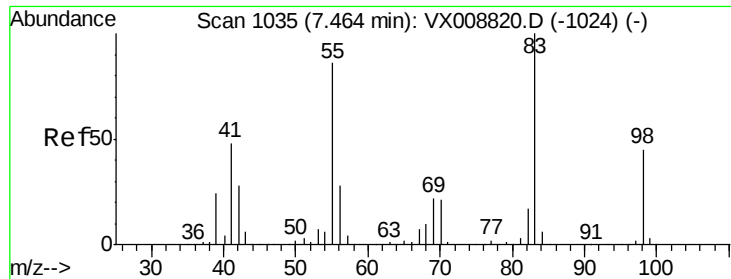
#38
Carbon Tetrachloride
Concen: 20.047 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 117 Resp: 50560
Ion Ratio Lower Upper
117 100
119 96.4 75.0 112.6
121 30.5 24.3 36.5



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

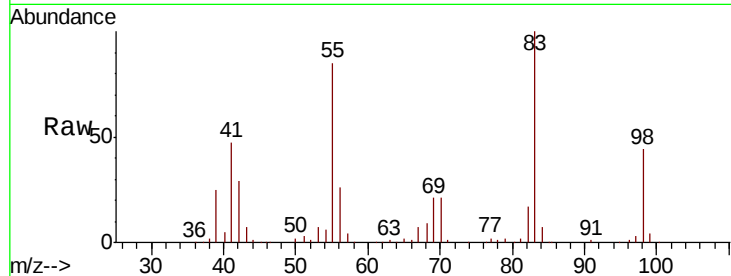




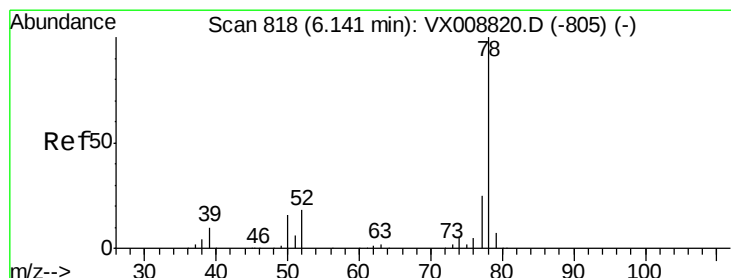
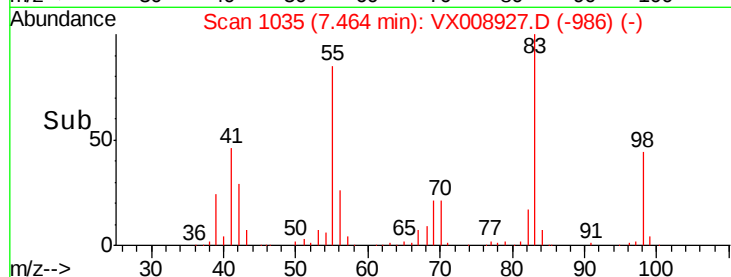
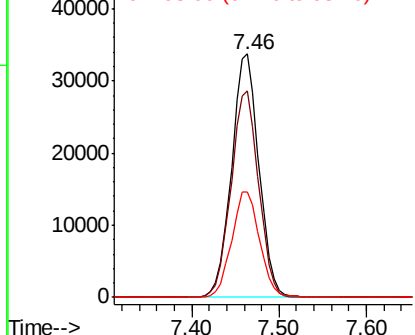
#39
Methylvlcvclohexane
Concen: 19.527 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 73504
Ion Ratio Lower Upper
83 100
55 85.0 69.0 103.6
98 43.5 34.4 51.6

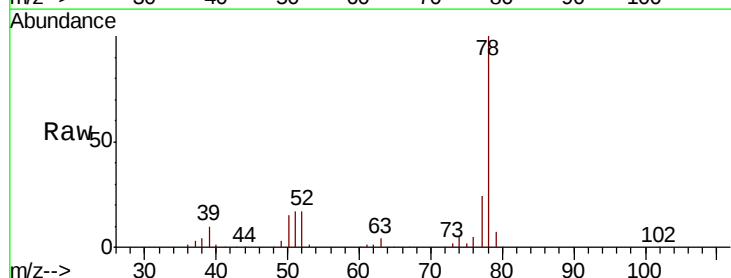


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

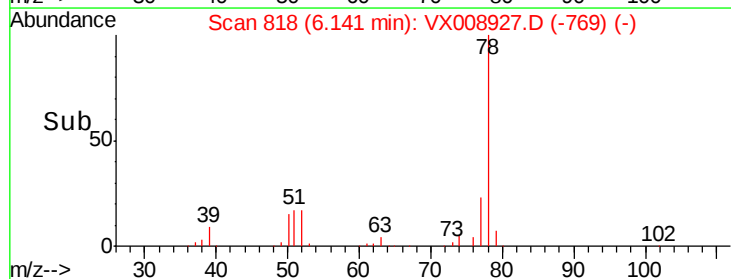
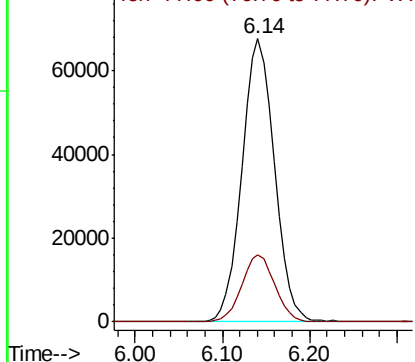


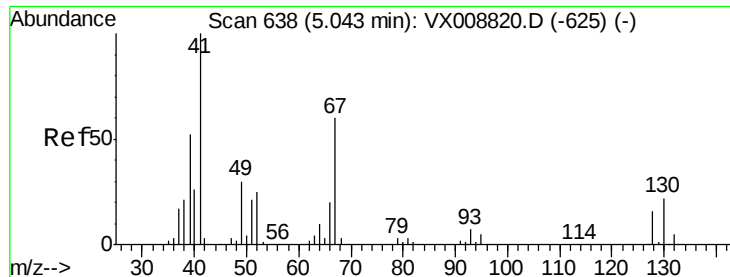
#40
Benzene
Concen: 19.291 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 78 Resp: 175117
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

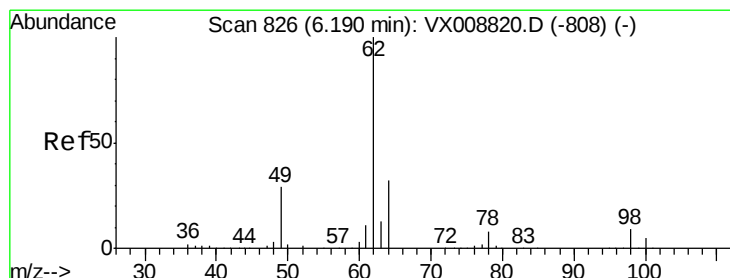
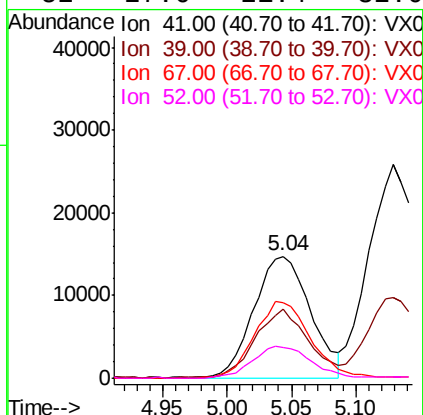
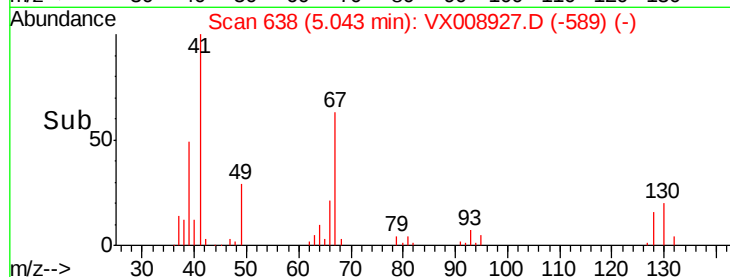
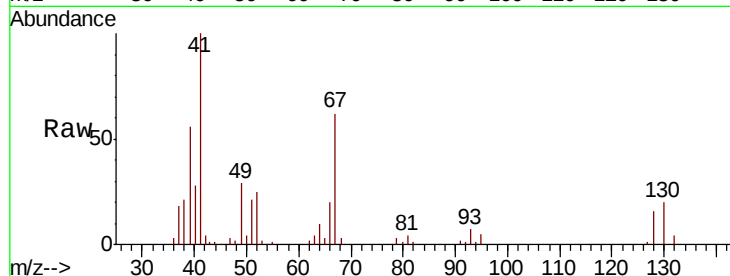




#41
Methacrylonitrile
Concen: 19.125 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

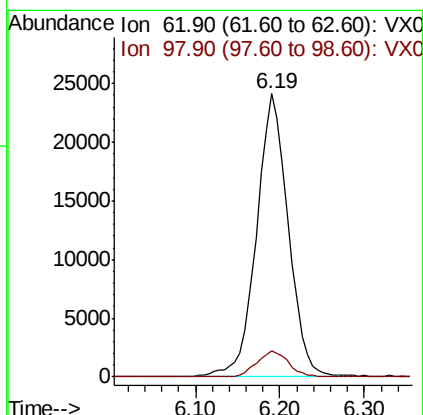
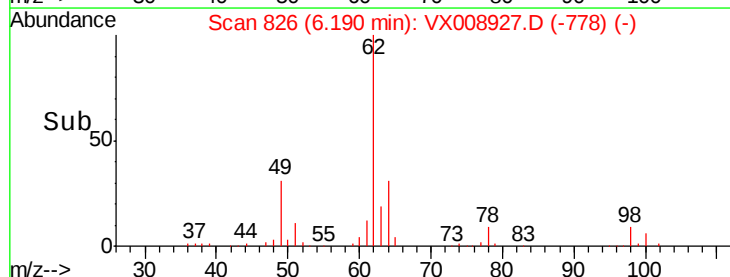
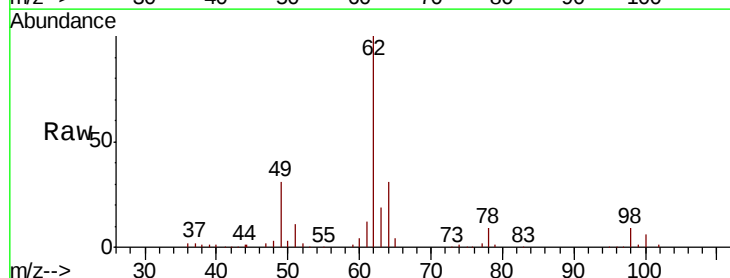
Instrument :
MSVOA_X
ClientSampled :

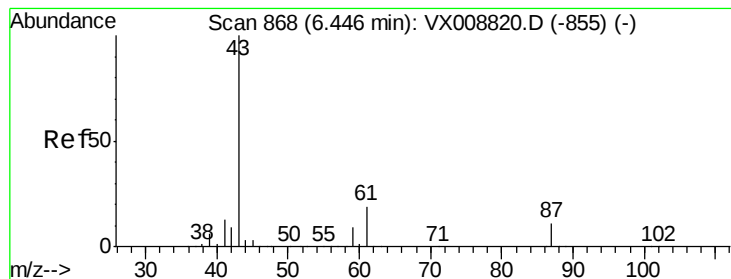
Tot Ion:	41	Resp:	44714
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.1	63.1
67	63.5	51.0	76.6
52	27.6	21.4	32.0



#42
1,2-Dichloroethane
Concen: 19.162 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion:	62	Resp:	62360
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0



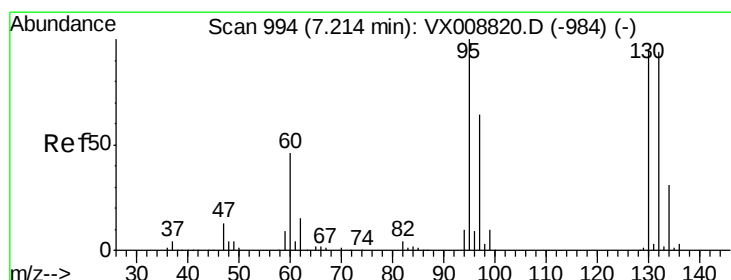
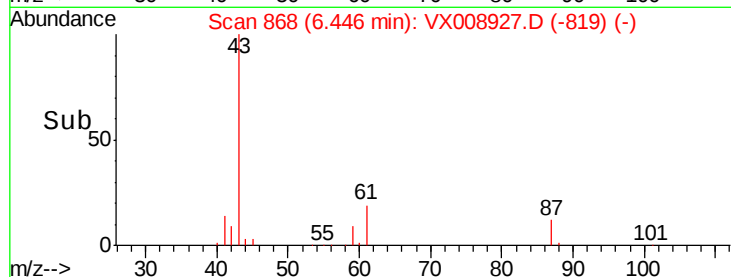
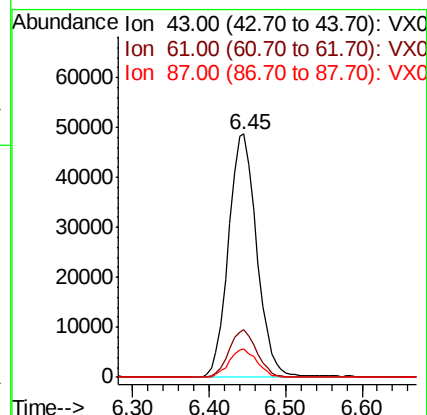
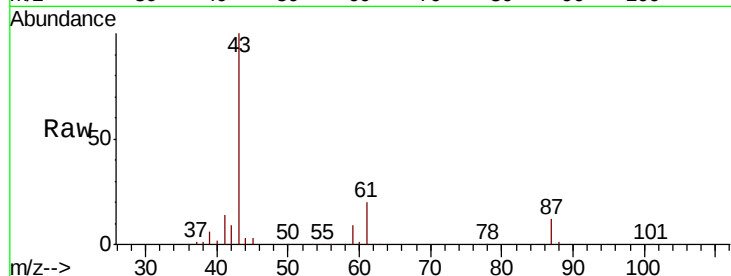


#43

Isopropyl Acetate
 Concen: 19.487 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

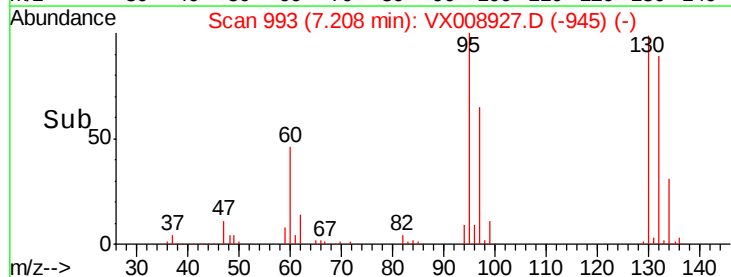
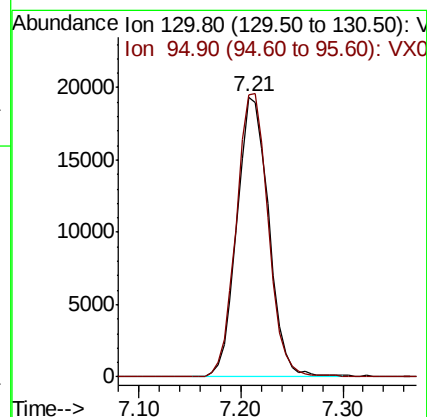
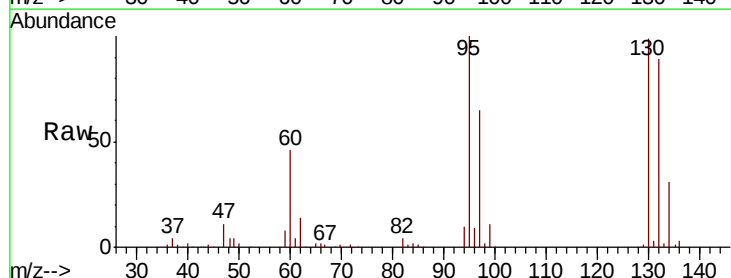
Tot Ion: 43 Resp: 124163
 Ion Ratio Lower Upper
 43 100
 61 19.5 15.3 22.9
 87 11.5 9.0 13.6

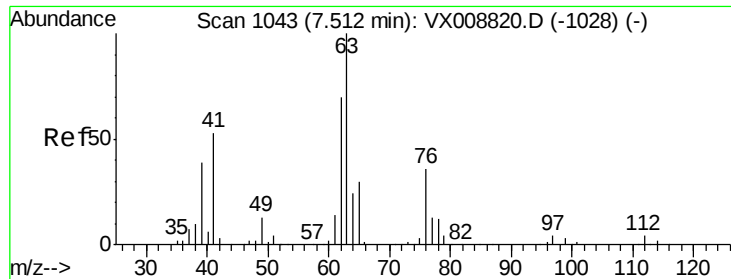


#44

Trichloroethene
 Concen: 19.748 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion:130 Resp: 41753
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 209.8





#45

1,2-Dichloropropane

Concen: 19.192 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

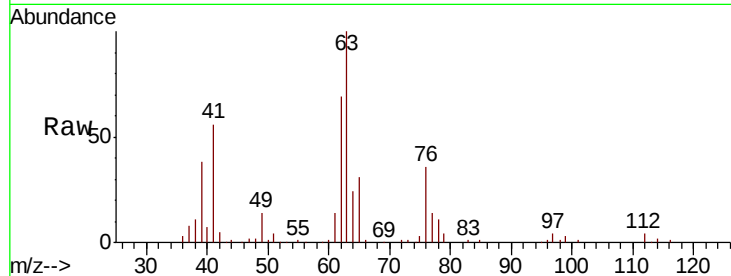
ClientSampleId :

Tot Ion: 63 Resp: 49728

Ion Ratio Lower Upper

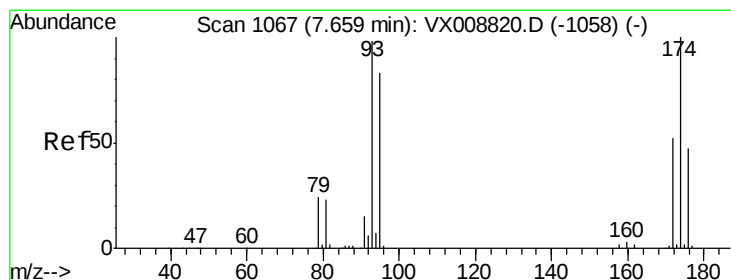
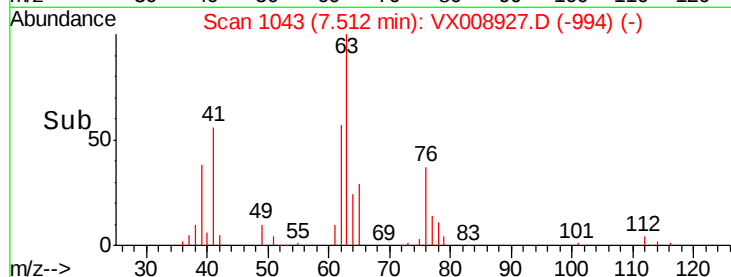
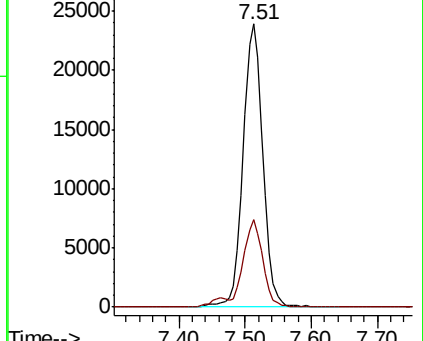
63 100

65 31.1 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.738 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

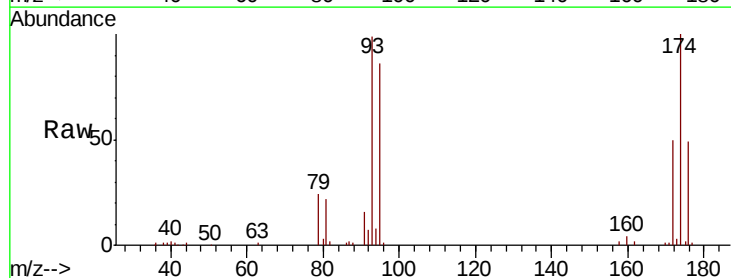
Tgt Ion: 93 Resp: 28159

Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

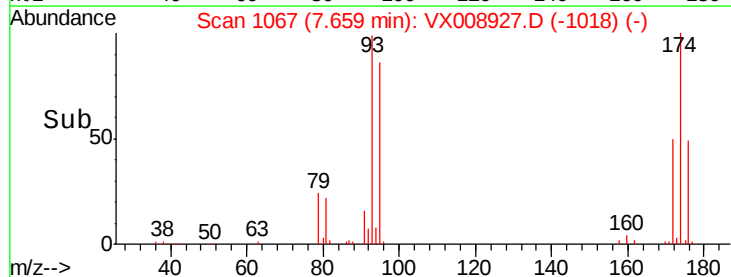
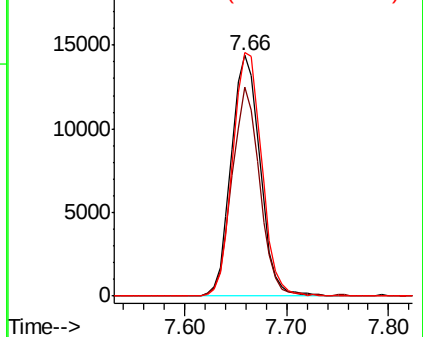
174 101.6 77.7 116.5

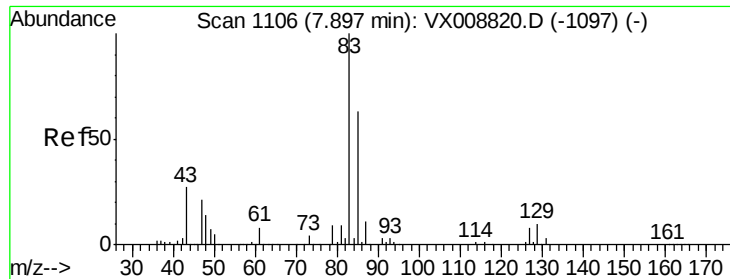


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.527 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

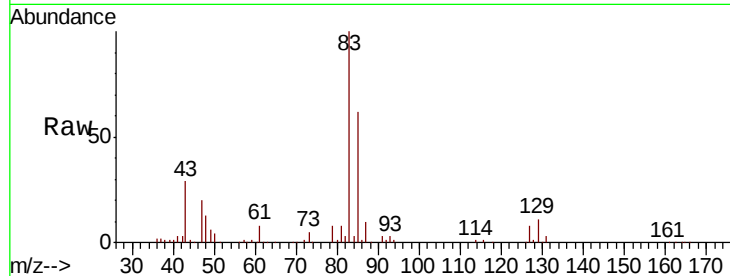
Tot Ion: 83 Resp: 55328

Ion Ratio Lower Upper

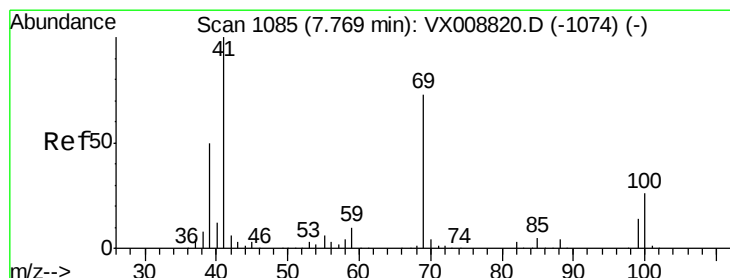
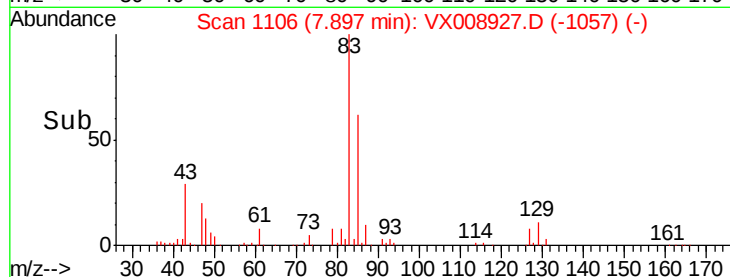
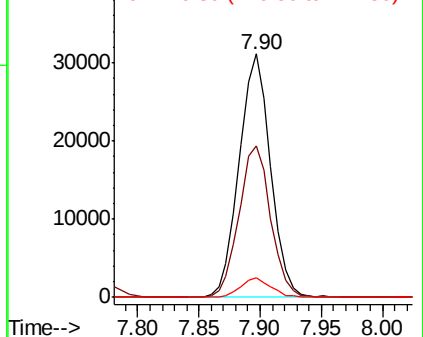
83 100

85 62.0 51.2 76.8

127 7.8 6.6 10.0



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



#48

Methyl methacrylate

Concen: 19.318 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

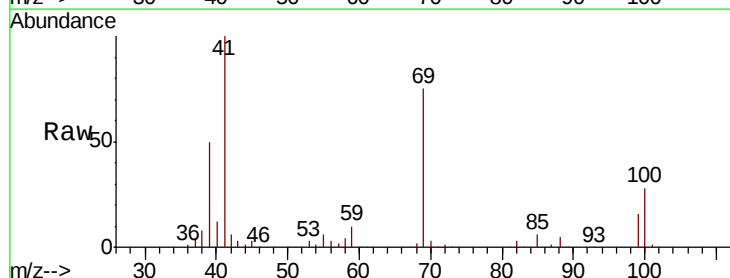
Tgt Ion: 41 Resp: 62262

Ion Ratio Lower Upper

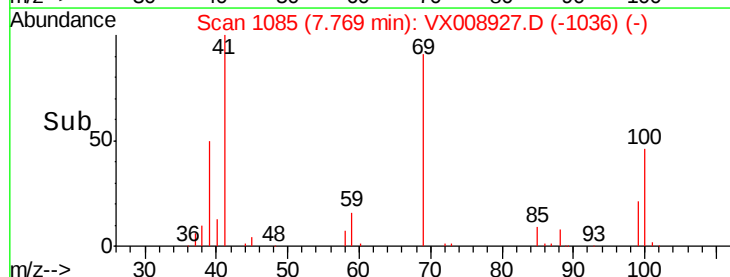
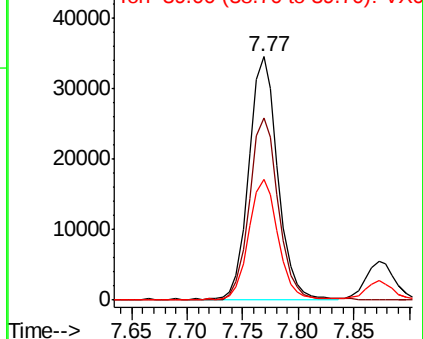
41 100

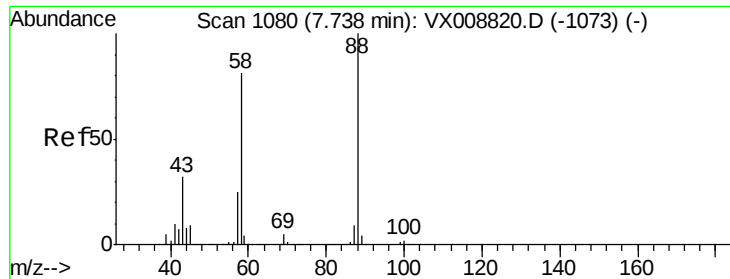
69 75.7 59.0 88.4

39 50.9 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

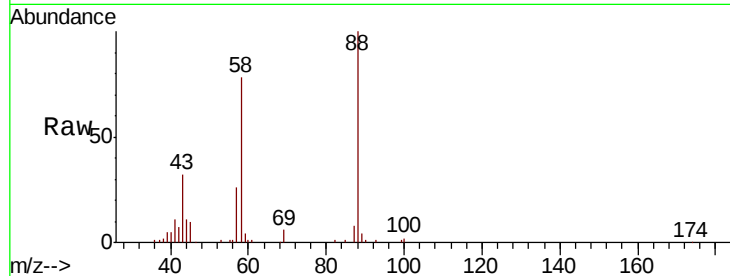




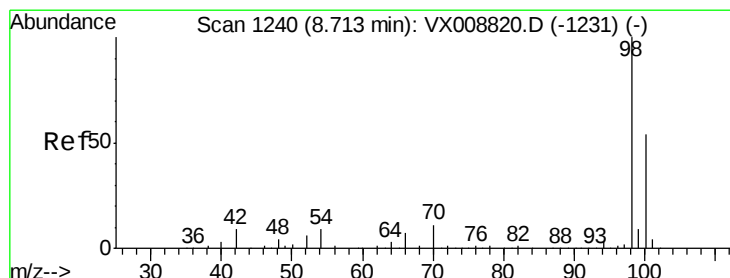
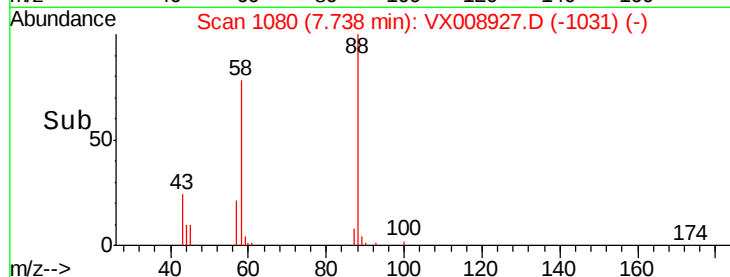
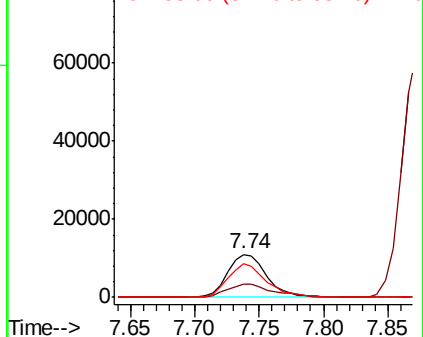
#49
1,4-Dioxane
Concen: 382.038 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 23066
Ion Ratio Lower Upper
88 100
43 38.1 28.6 43.0
58 78.2 62.2 93.2

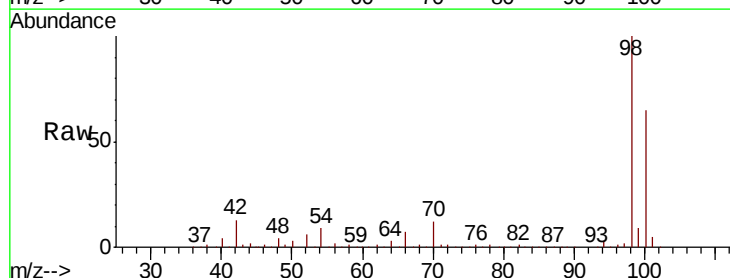


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

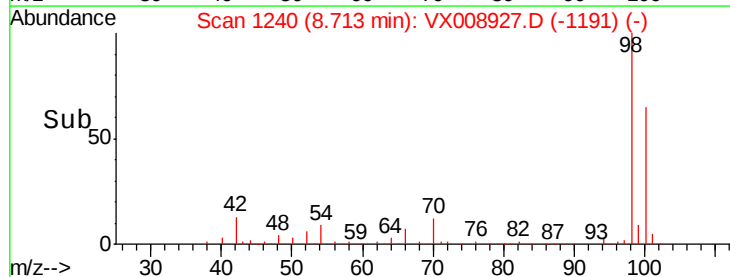
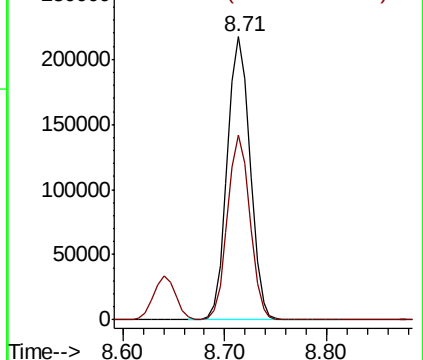


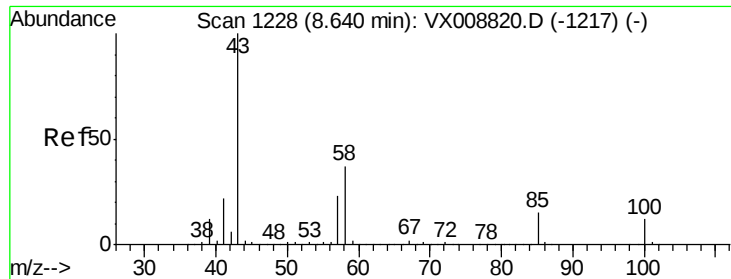
#50
Toluene-d8
Concen: 47.340 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 98 Resp: 335958
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



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

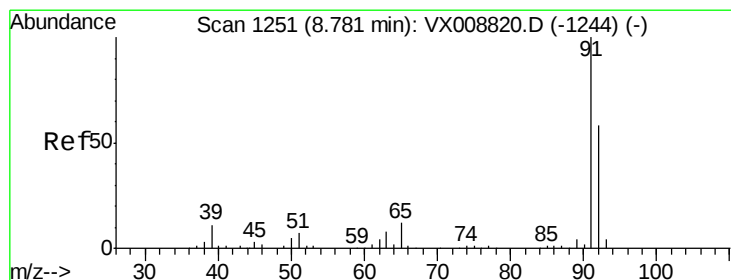
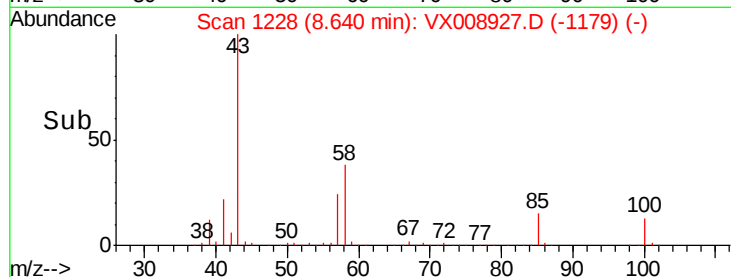
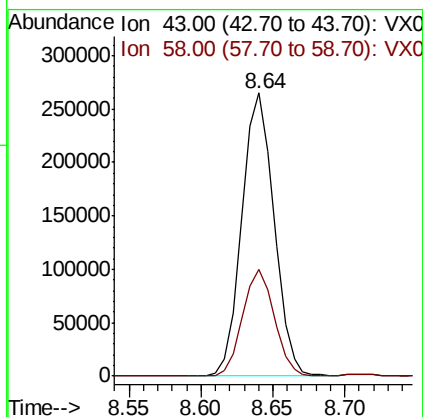
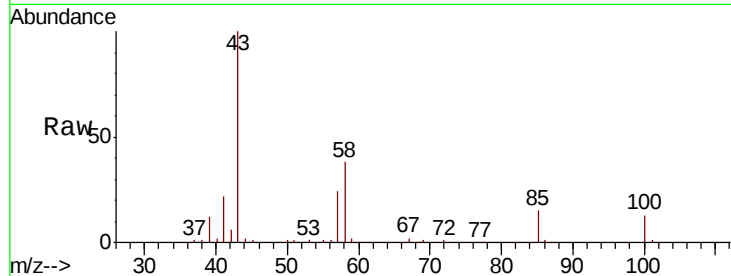




#51
4-Methyl-2-Pentanone
Concen: 99.877 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

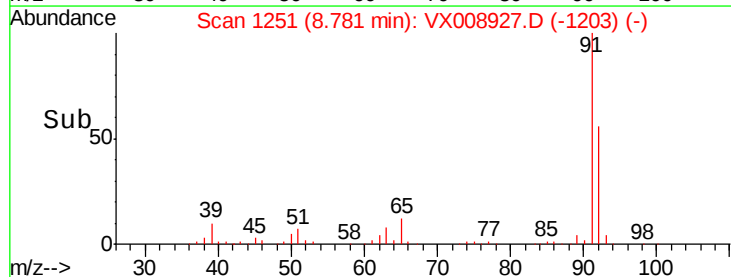
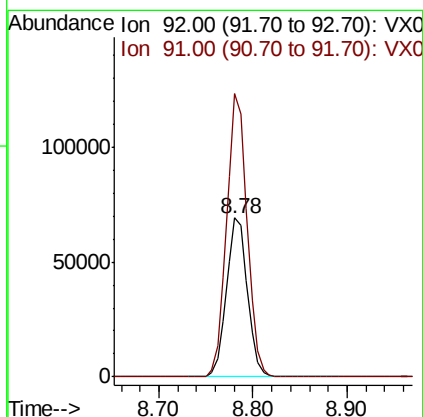
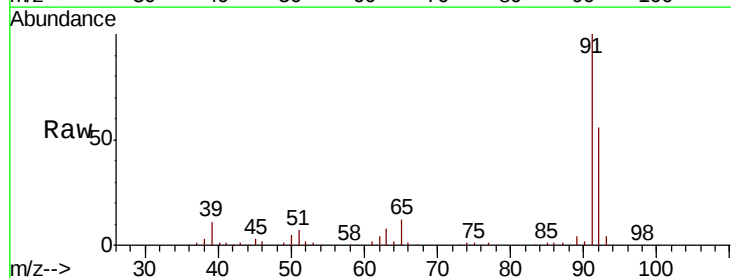
Instrument :
MSVOA_X
ClientSampled :

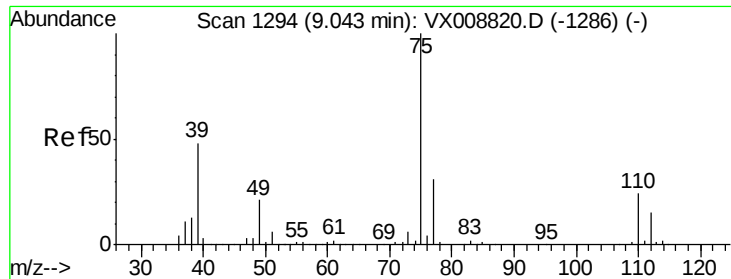
Tot Ion: 43 Resp: 409651
Ion Ratio Lower Upper
43 100
58 37.2 29.5 44.3



#52
Toluene
Concen: 19.920 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 92 Resp: 106610
Ion Ratio Lower Upper
92 100
91 174.4 138.5 207.7

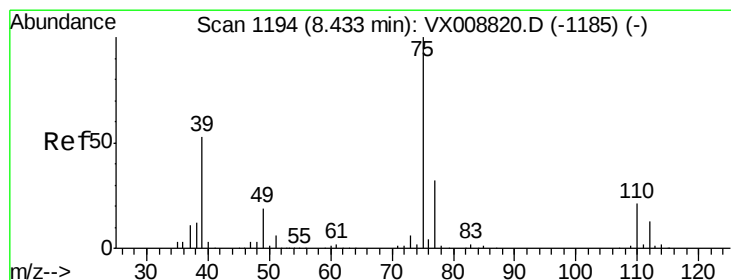
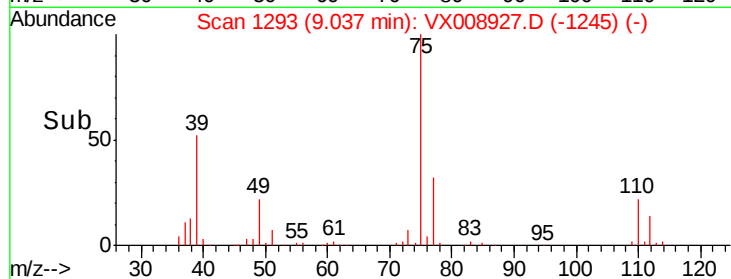
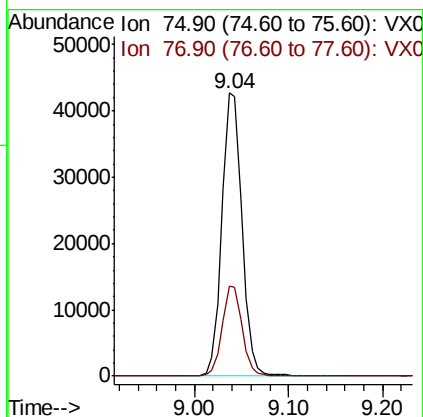
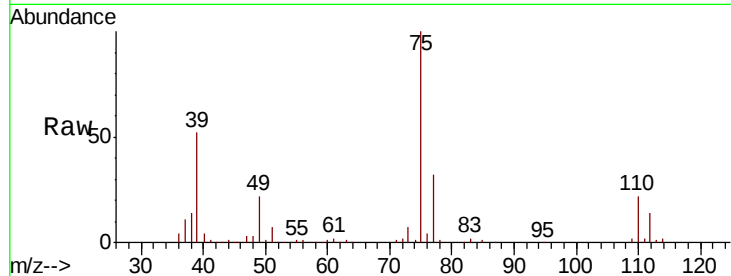




#53
 t-1,3-Dichloropropene
 Concen: 19.942 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

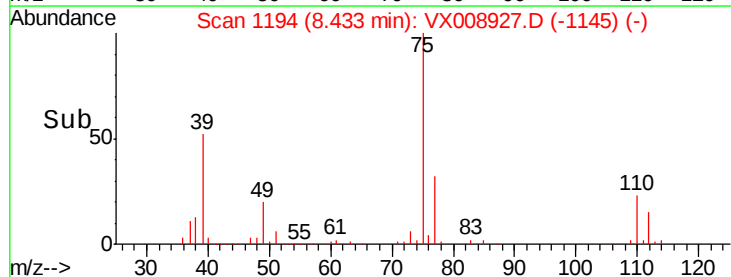
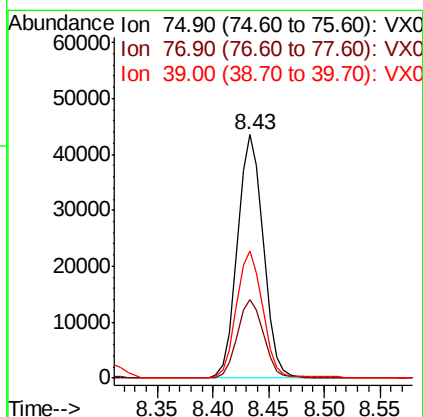
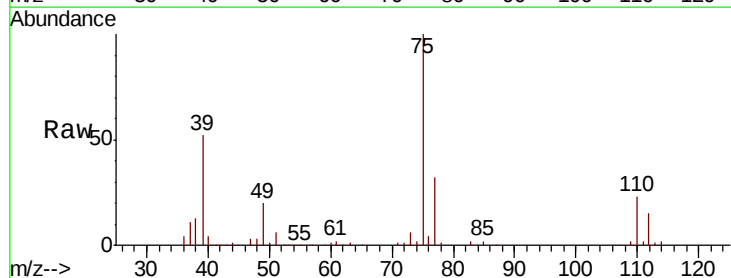
Instrument :
 MSVOA_X
 ClientSampleId :

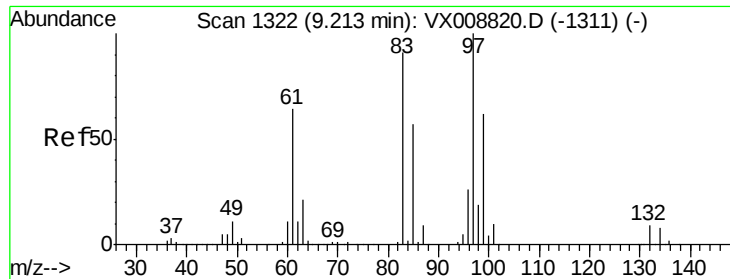
Tot Ion: 75 Resp: 63295
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.312 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion: 75 Resp: 70040
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9
 39 52.0 42.6 63.8

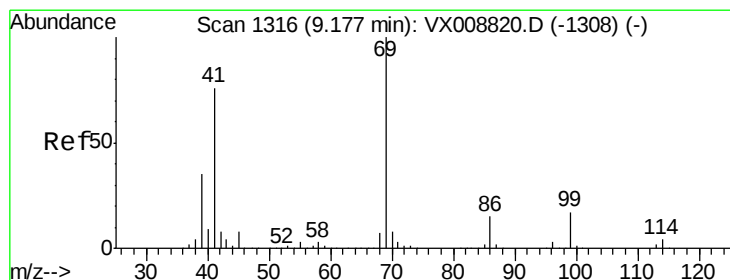
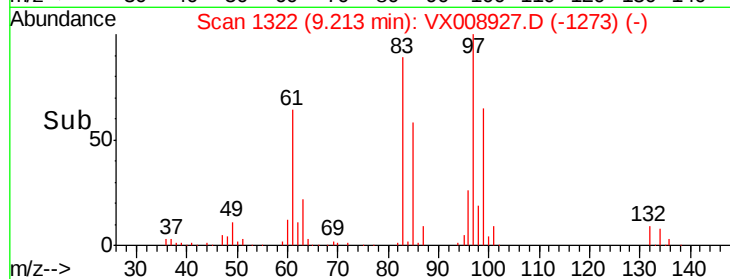
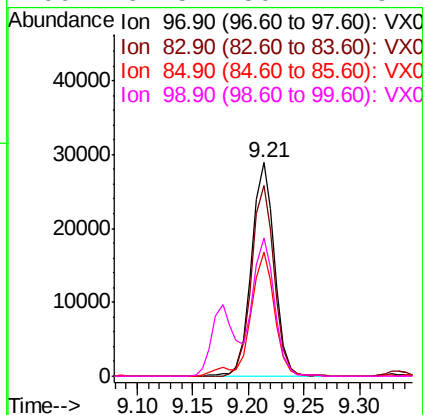
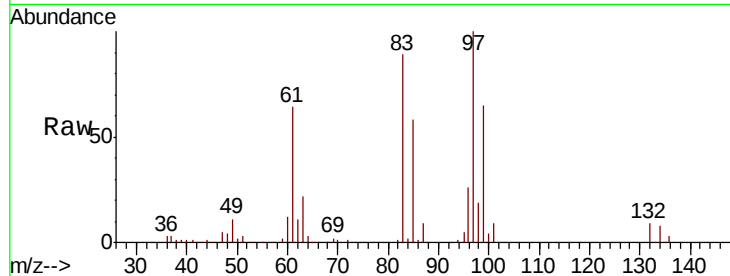




#55
 1,1,2-Trichloroethane
 Concen: 19.433 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

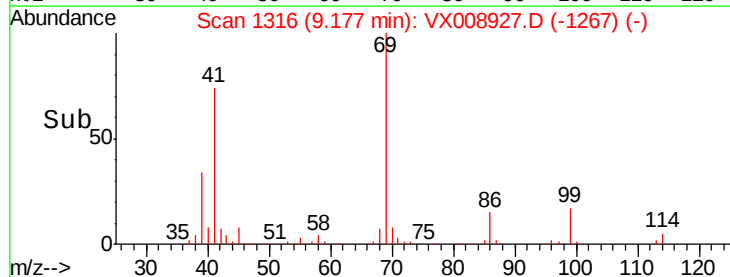
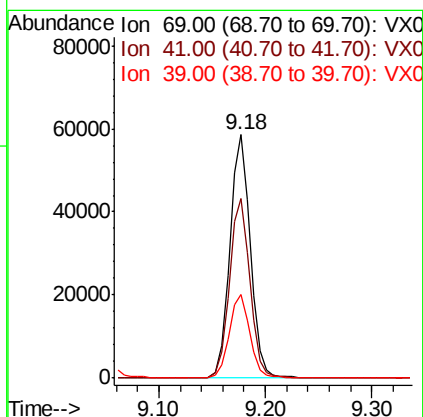
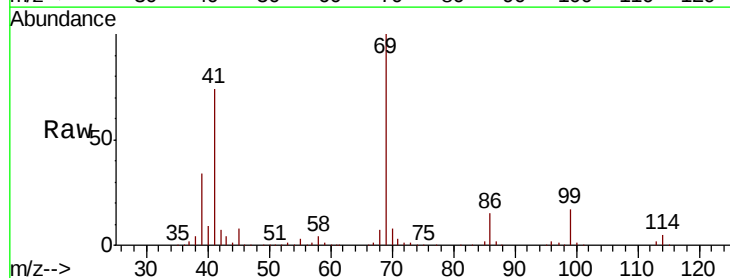
Instrument :
 MSVOA_X
 ClientSampleId :

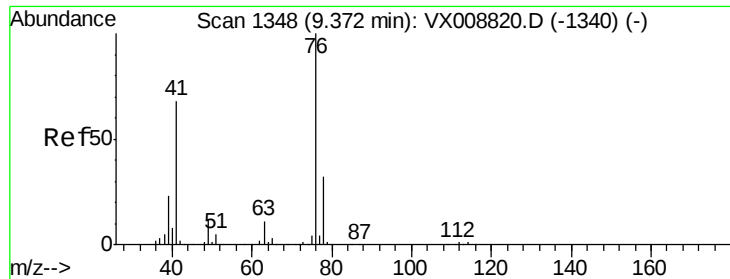
Tot Ion:	97	Resp:	41747
Ion	Ratio	Lower	Upper
97	100		
83	89.0	73.2	109.8
85	58.3	46.6	69.8
99	64.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 20.366 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion:	69	Resp:	79162
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.1	90.1
39	34.1	28.9	43.3





#57

1,3-Dichloropropane

Concen: 19.454 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

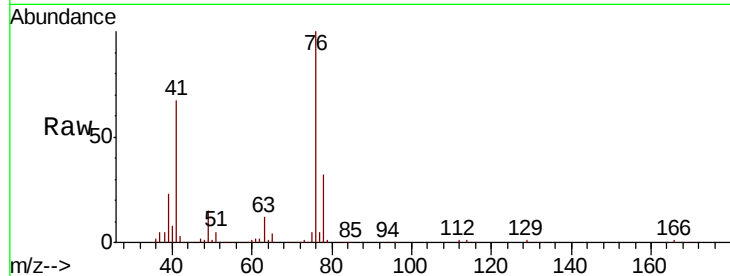
ClientSampleId :

Tot Ion: 76 Resp: 75044

Ion Ratio Lower Upper

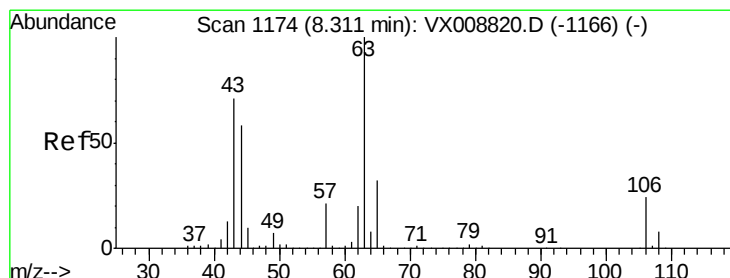
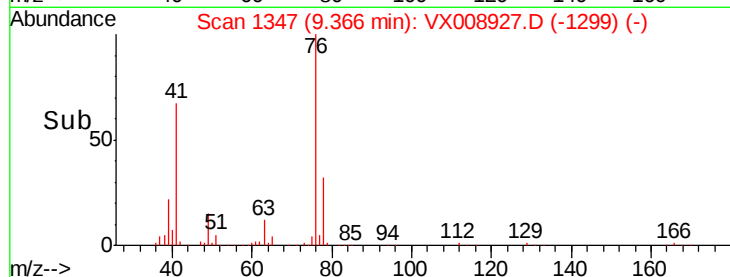
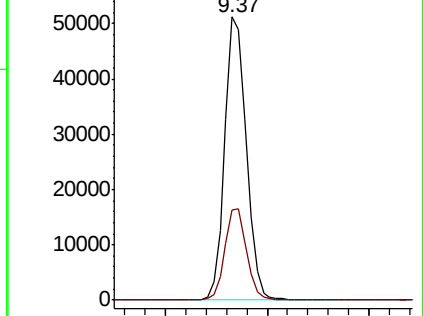
76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.825 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008927.D

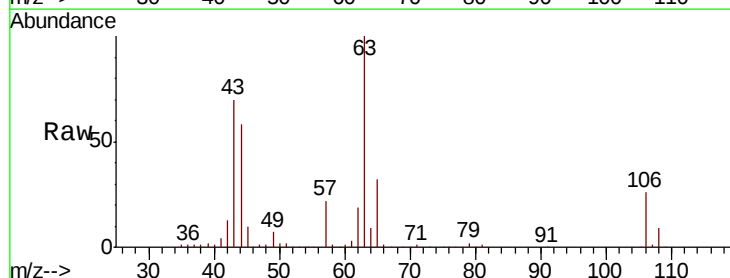
Acq: 13 Apr 2019 13:25

Tgt Ion: 63 Resp: 178279

Ion Ratio Lower Upper

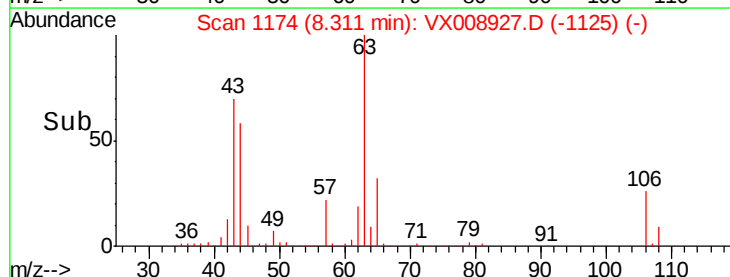
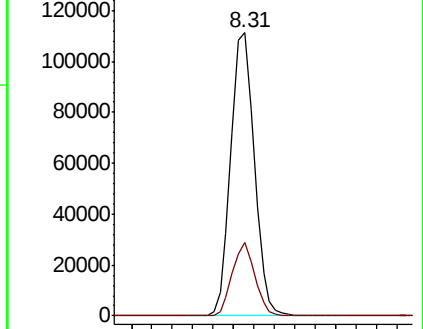
63 100

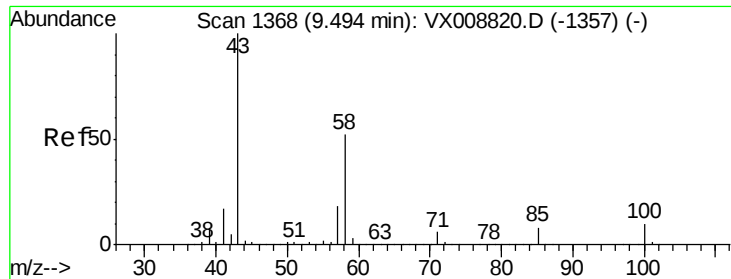
106 24.7 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

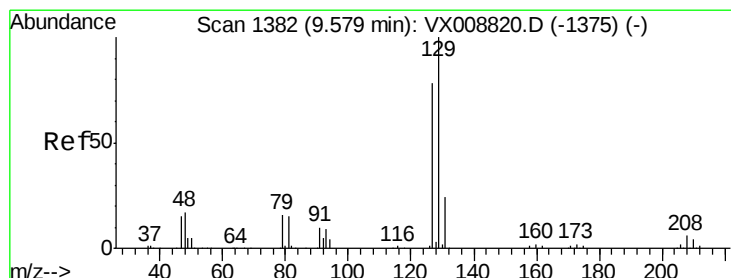
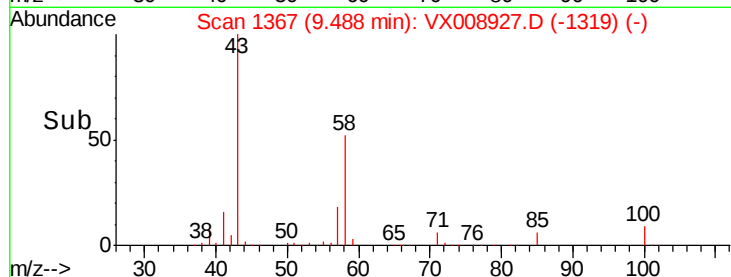
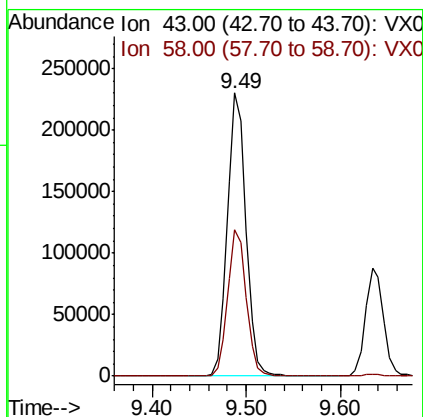
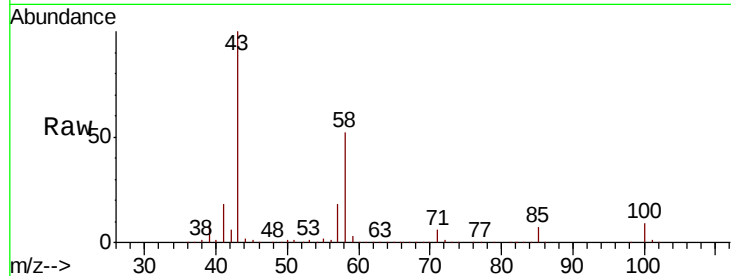




#59
2-Hexanone
Concen: 98.849 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

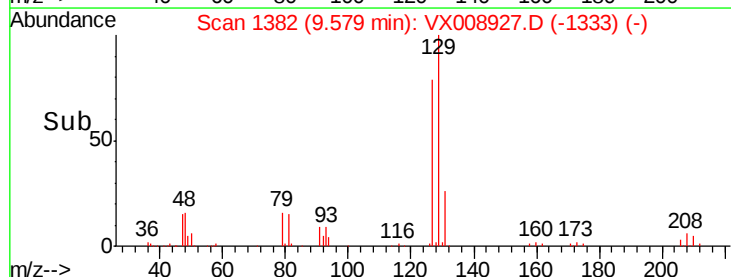
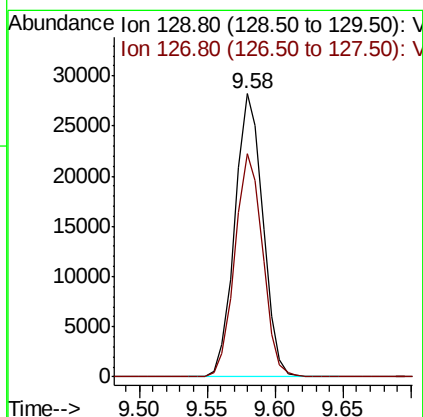
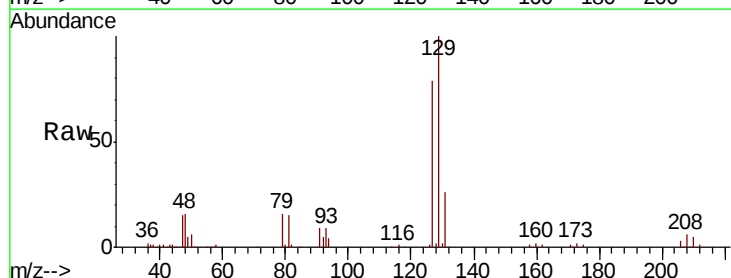
Instrument :
MSVOA_X
ClientSampleId :

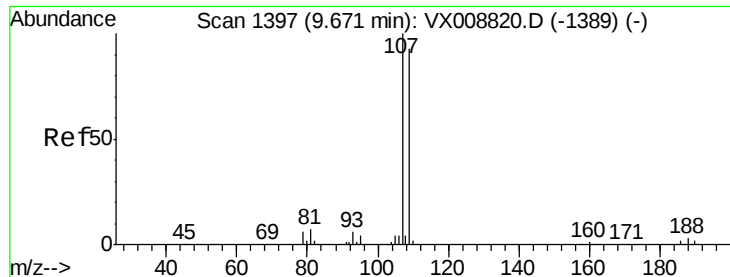
Tot Ion: 43 Resp: 315082
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 20.047 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 129 Resp: 40583
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.449 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

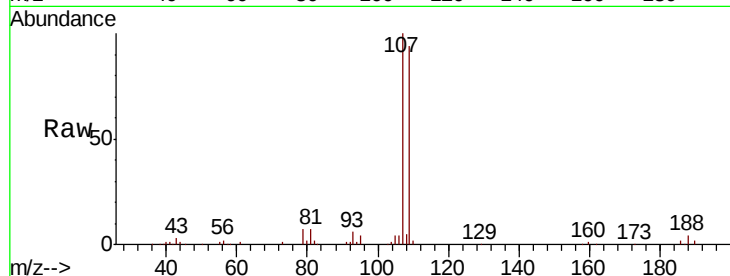
ClientSampleId :

Tot Ion:107 Resp: 43497

Ion Ratio Lower Upper

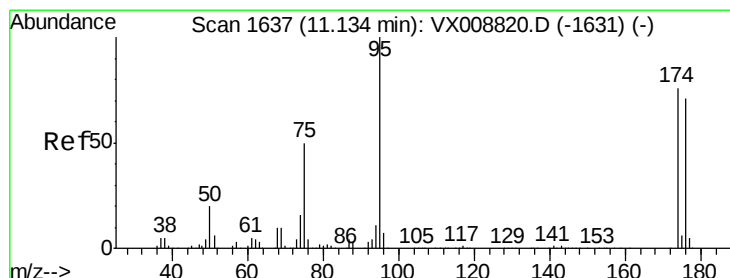
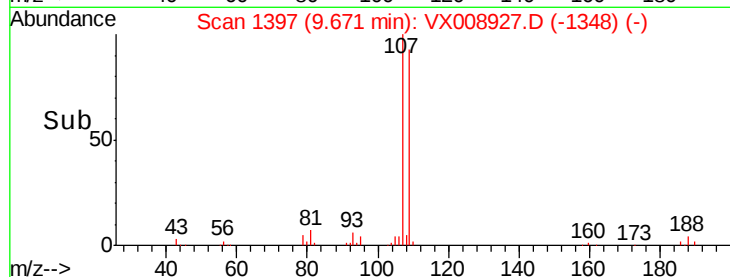
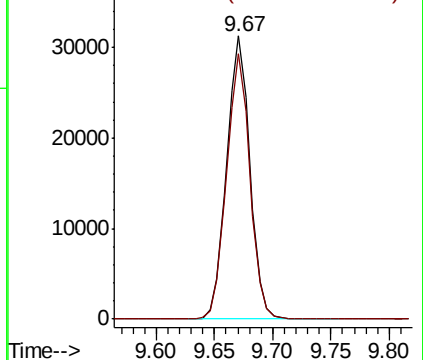
107 100

109 93.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.908 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

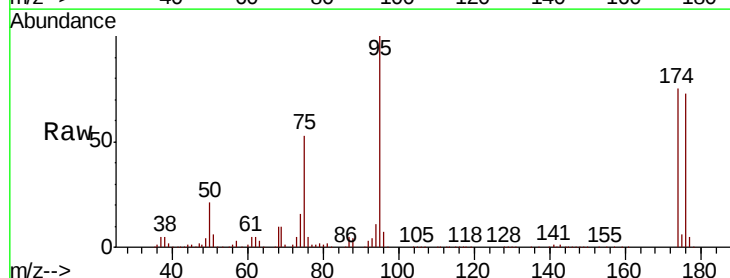
Tgt Ion: 95 Resp: 123081

Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

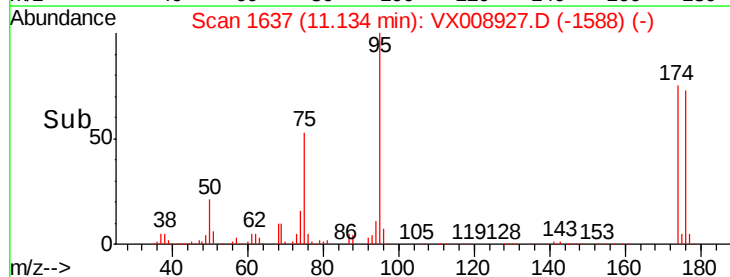
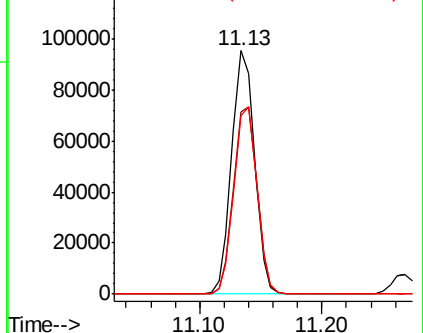
176 77.6 0.0 145.8

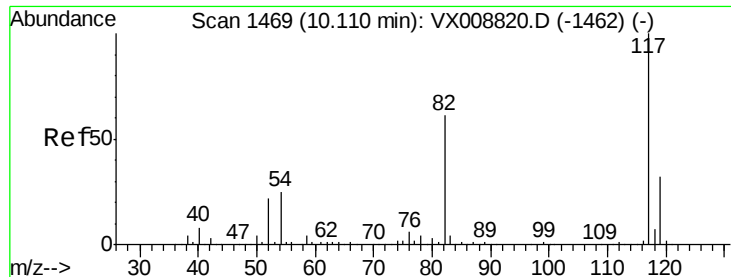


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

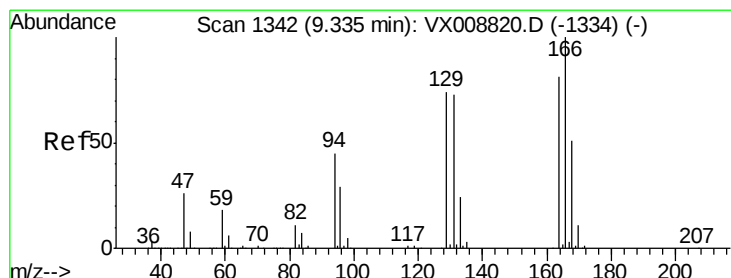
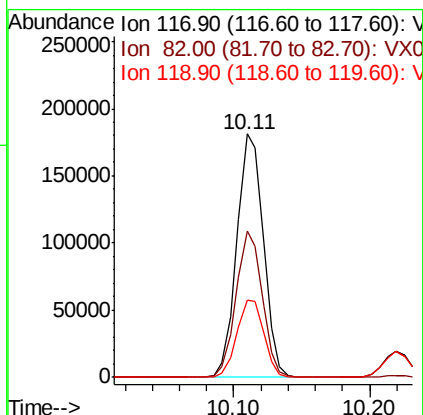
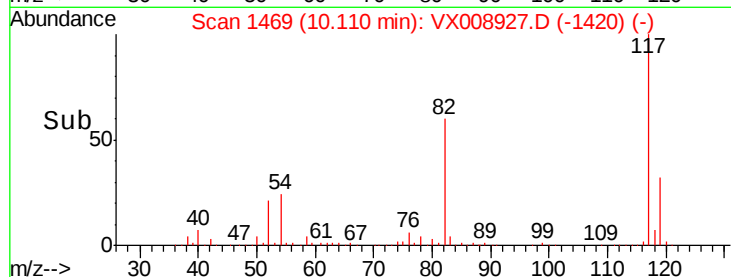
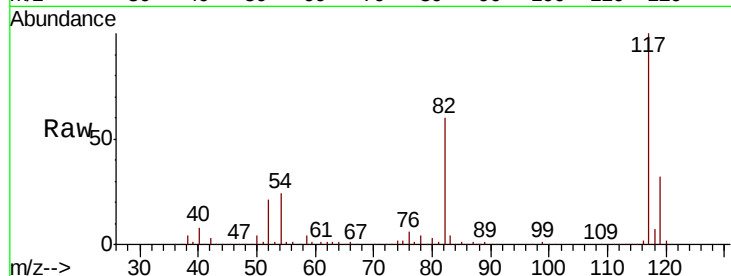




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

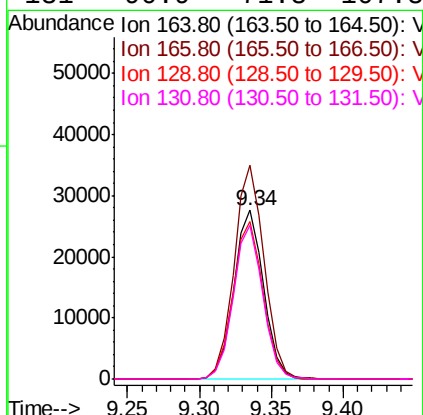
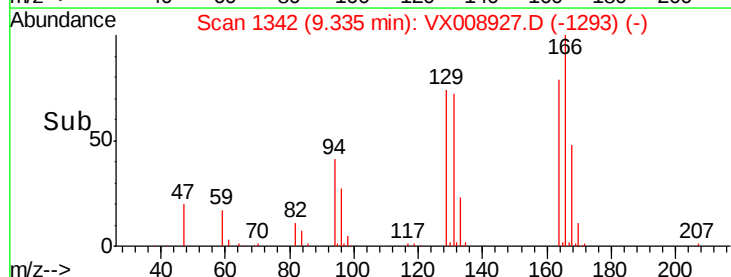
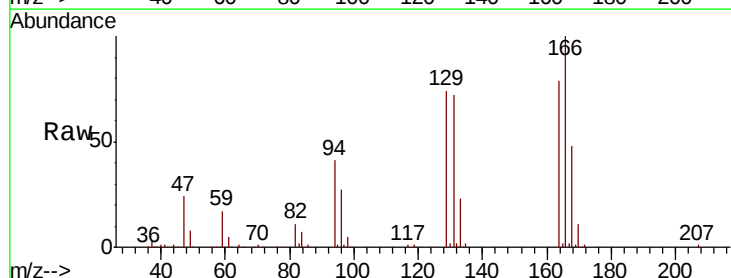
Instrument :
MSVOA_X
ClientSampled :

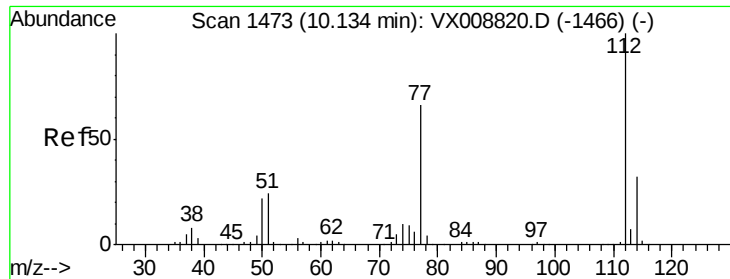
Tot Ion:117 Resp: 246868
Ion Ratio Lower Upper
117 100
82 60.0 49.6 74.4
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 21.697 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion:164 Resp: 39685
Ion Ratio Lower Upper
164 100
166 126.8 101.0 151.6
129 93.4 75.8 113.8
131 90.9 71.8 107.8





#65

Chlorobenzene

Concen: 19.780 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

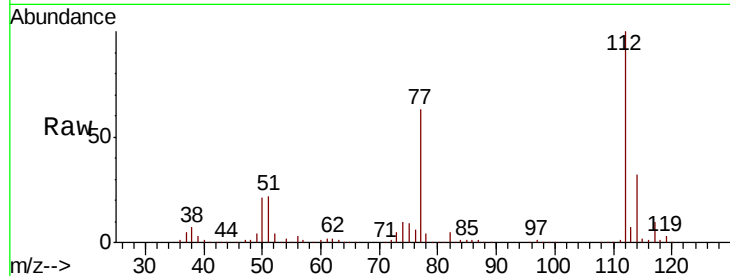
ClientSampleId :

Tot Ion:112 Resp: 108241

Ion Ratio Lower Upper

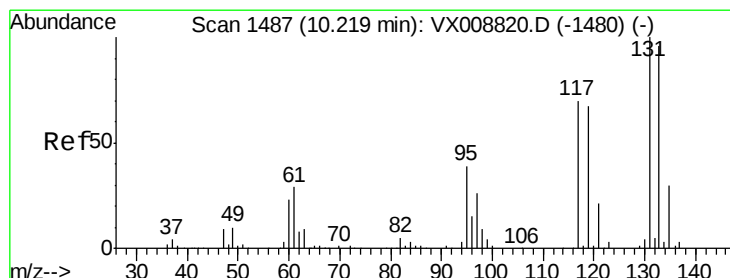
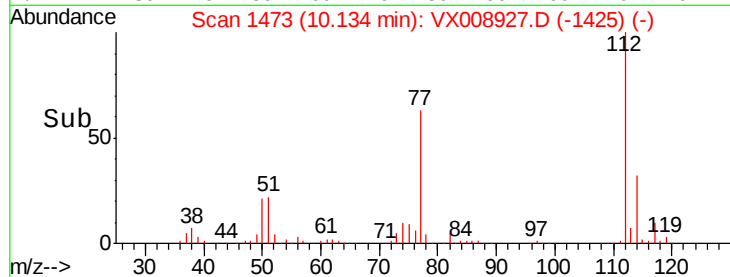
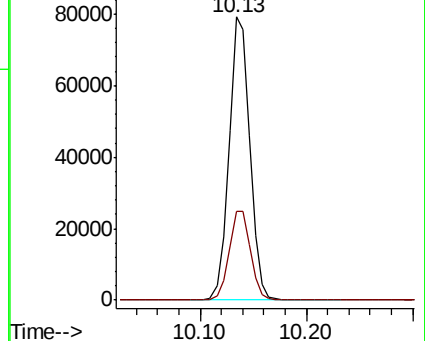
112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.487 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

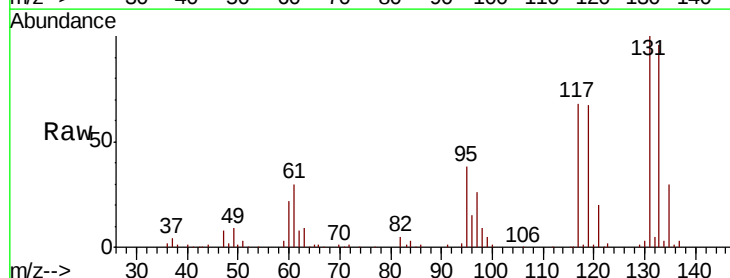
Tgt Ion:131 Resp: 39330

Ion Ratio Lower Upper

131 100

133 93.9 47.0 141.2

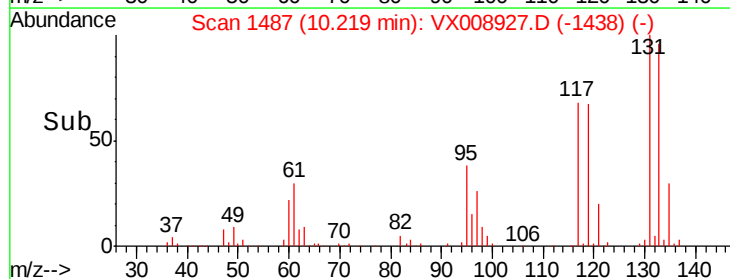
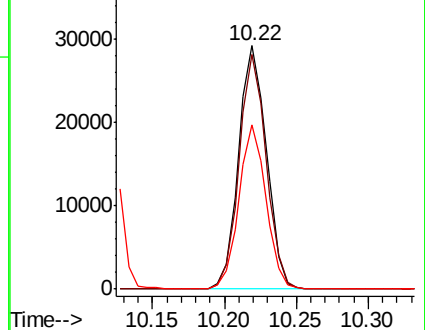
119 65.6 33.7 101.0

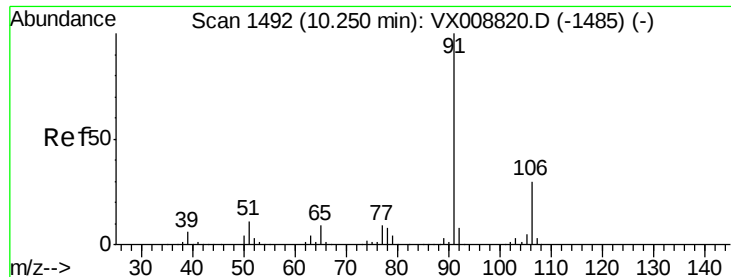


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.693 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

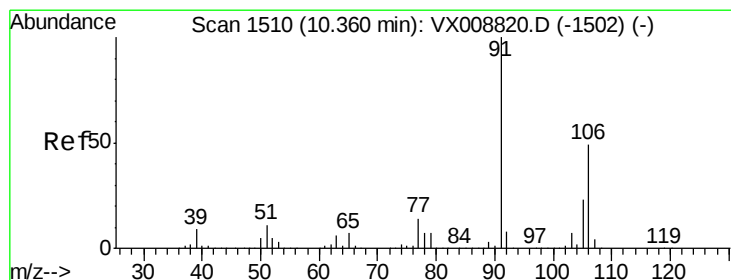
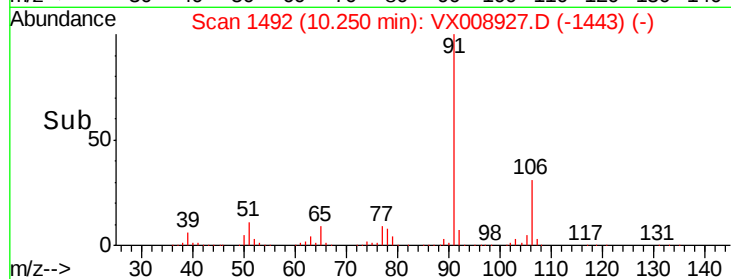
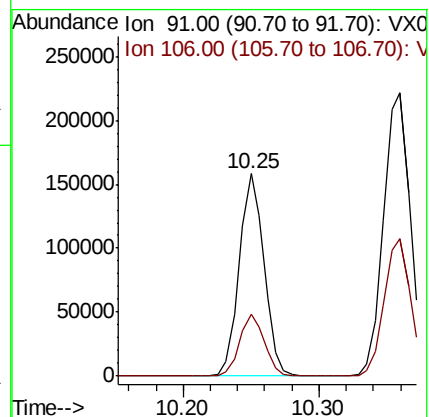
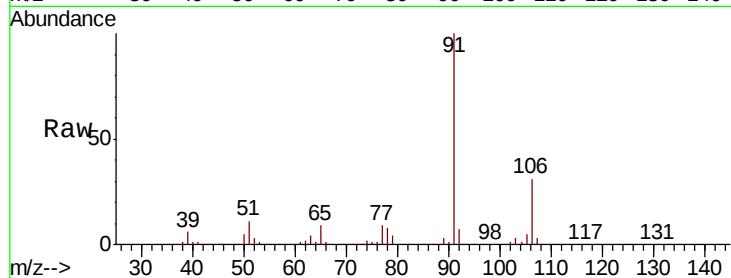
ClientSampleId :

Tot Ion: 91 Resp: 200953

Ion Ratio Lower Upper

91 100

106 30.9 23.7 35.5



#68

m/p-Xylenes

Concen: 39.761 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008927.D

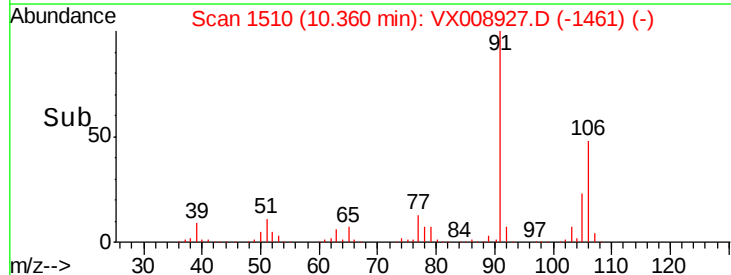
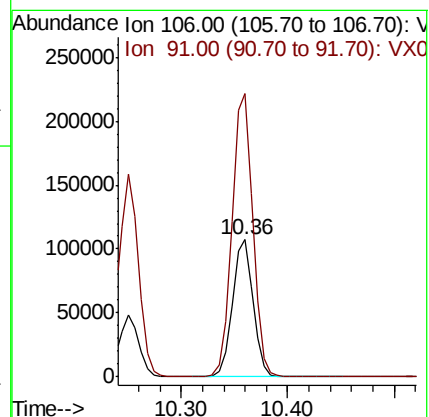
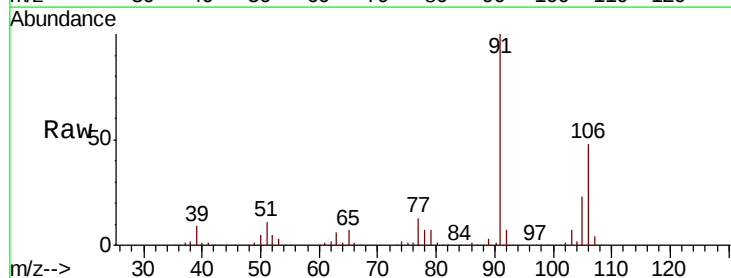
Acq: 13 Apr 2019 13:25

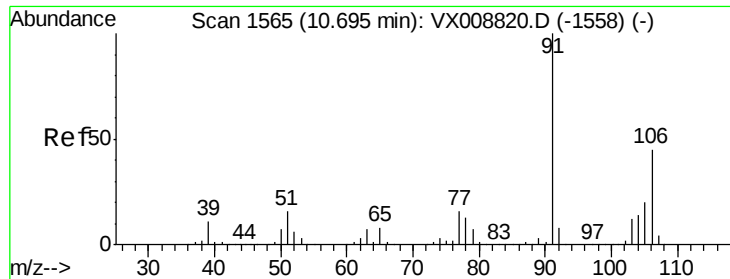
Tgt Ion: 106 Resp: 145879

Ion Ratio Lower Upper

106 100

91 207.6 168.5 252.7

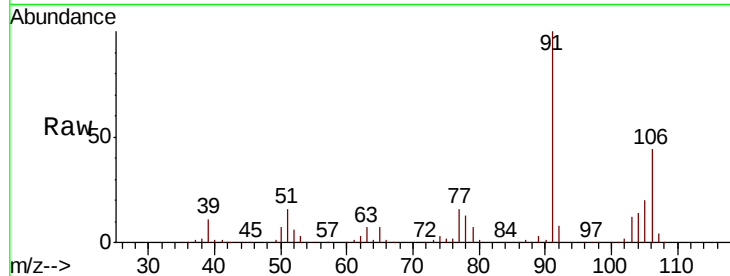




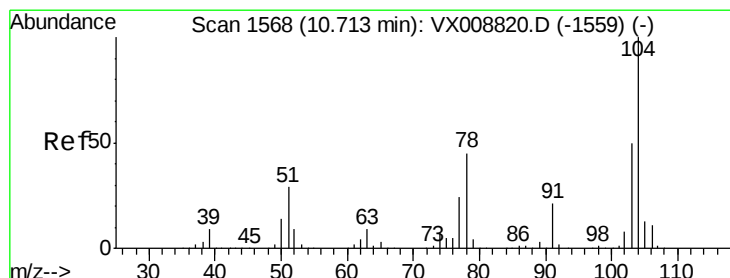
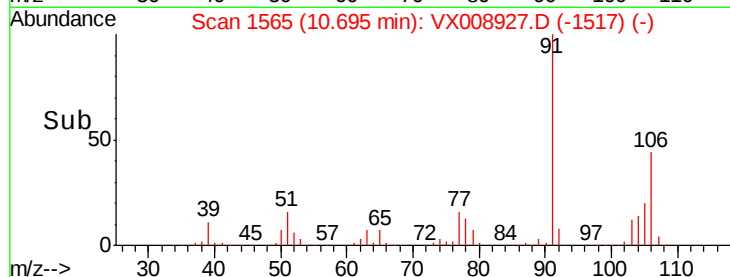
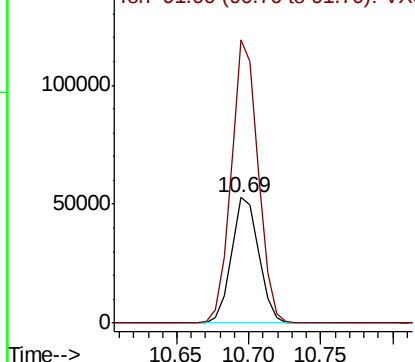
#69
o-Xylene
Concen: 19.980 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 71041
Ion Ratio Lower Upper
106 100
91 219.4 111.5 334.4

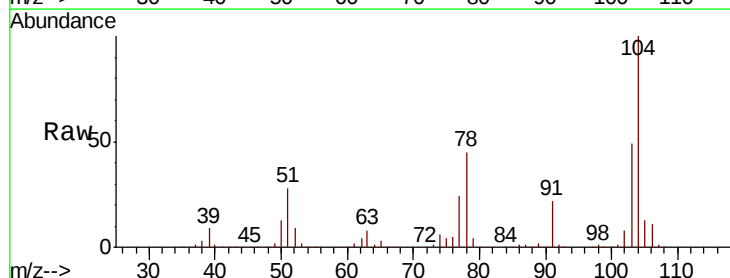


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

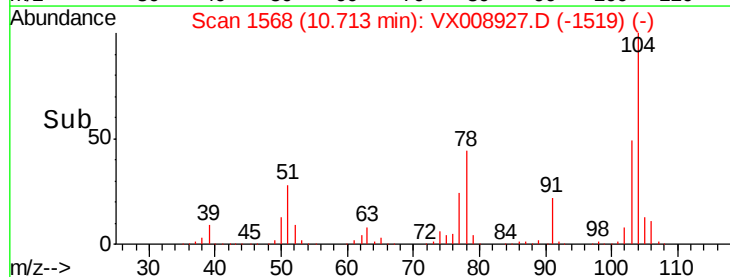
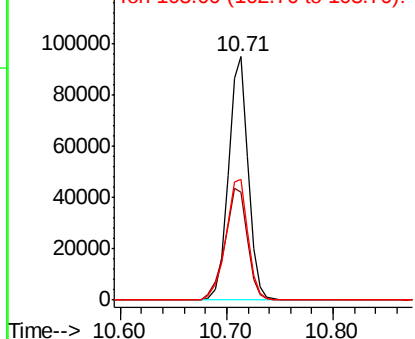


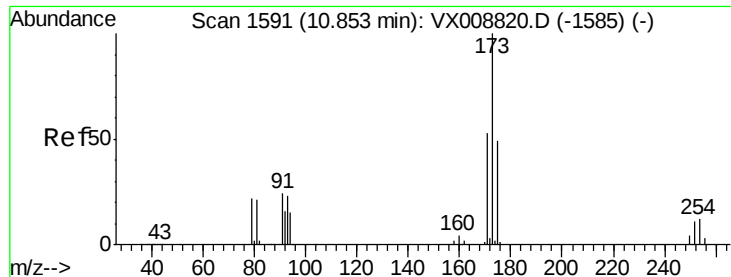
#70
Styrene
Concen: 20.093 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion:104 Resp: 123147
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.3 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: 20.997 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

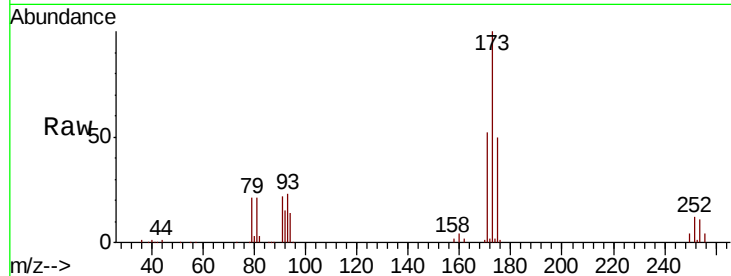
Tot Ion:173 Resp: 30787

Ion Ratio Lower Upper

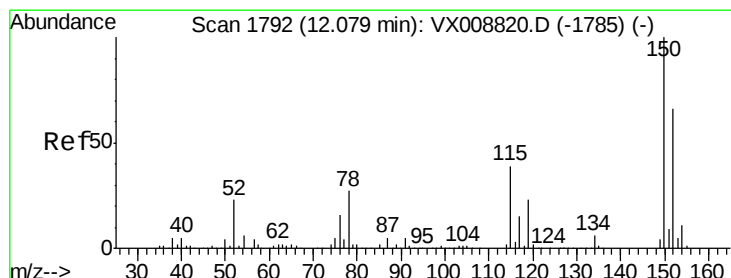
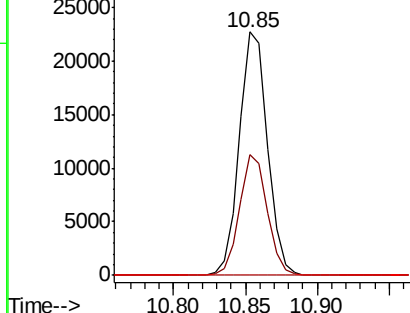
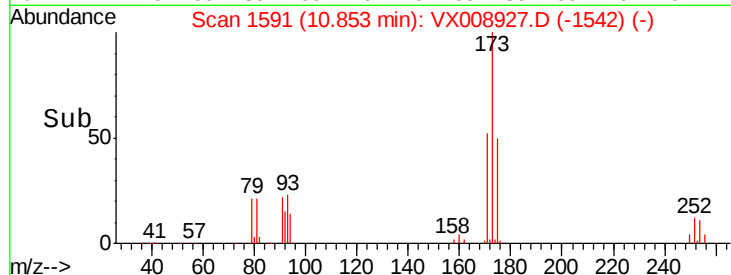
173 100

175 48.7 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: VX008927.D

Acq: 13 Apr 2019 13:25

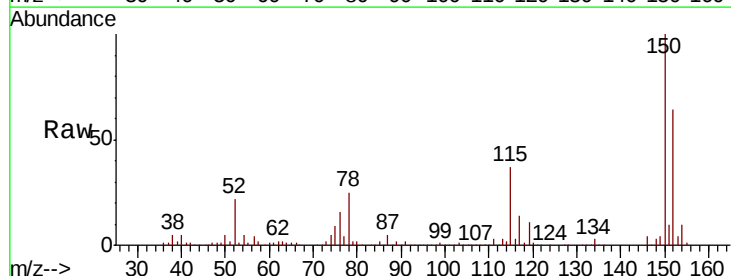
Tgt Ion:152 Resp: 117113

Ion Ratio Lower Upper

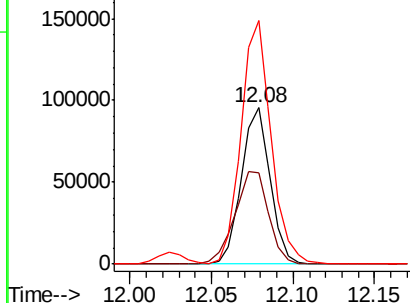
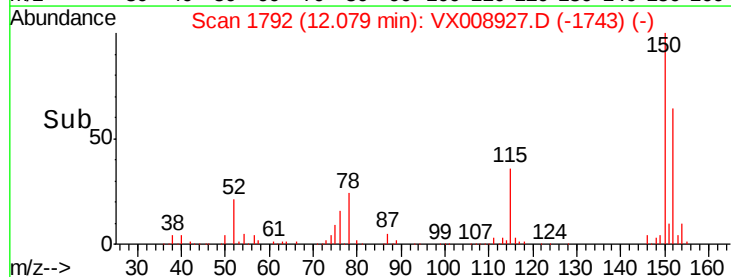
152 100

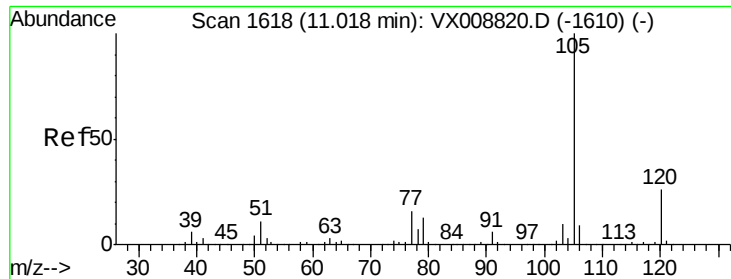
115 69.7 43.5 130.5

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: 19.691 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

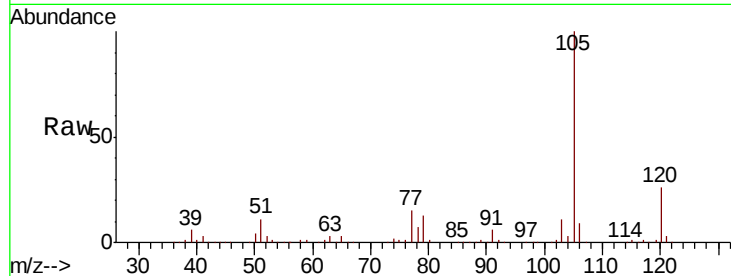
ClientSampleId :

Tot Ion:105 Resp: 191108

Ion Ratio Lower Upper

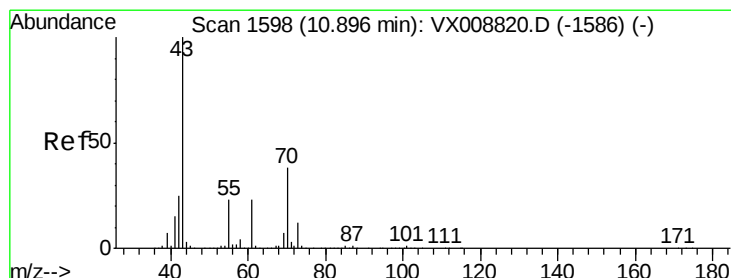
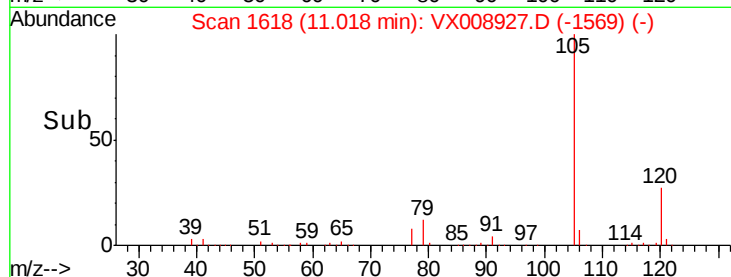
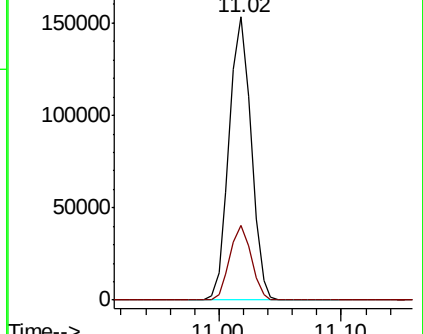
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.060 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion: 43 Resp: 108837

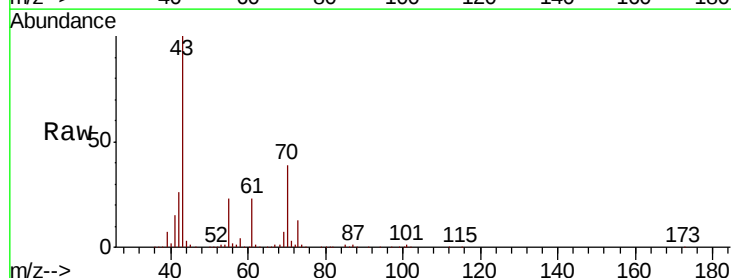
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 22.8 18.2 27.4

61 22.7 18.6 28.0

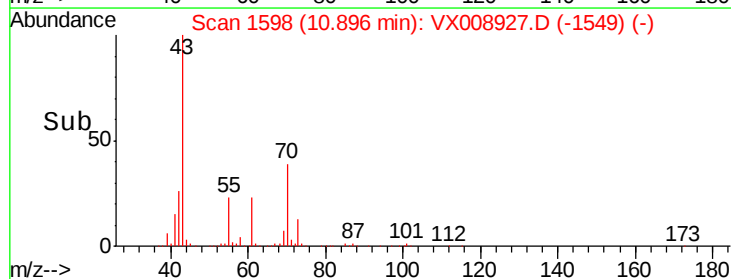
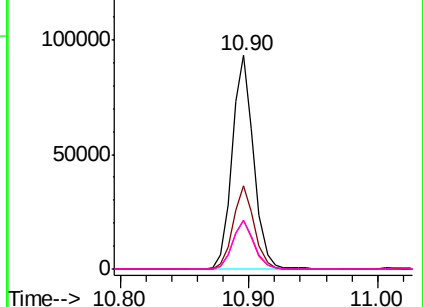


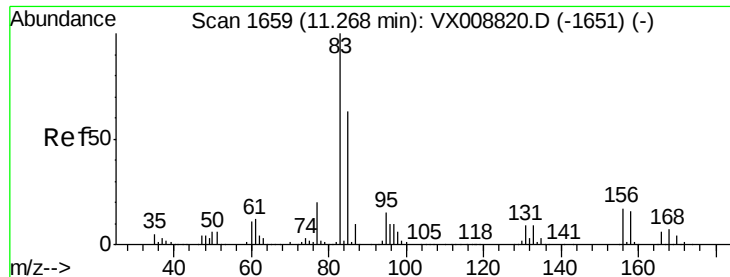
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.610 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

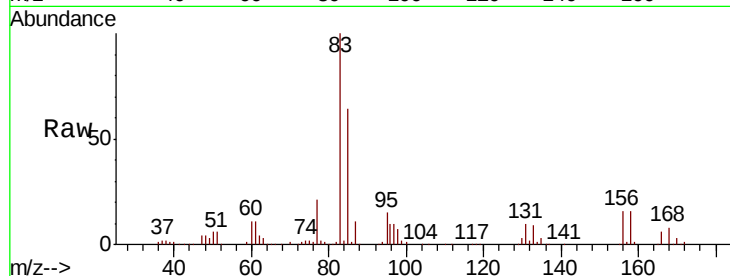
Tot Ion: 83 Resp: 68691

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

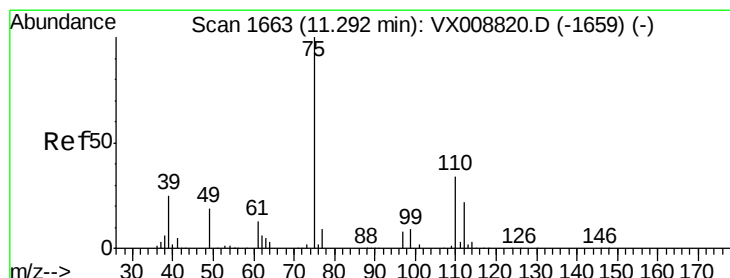
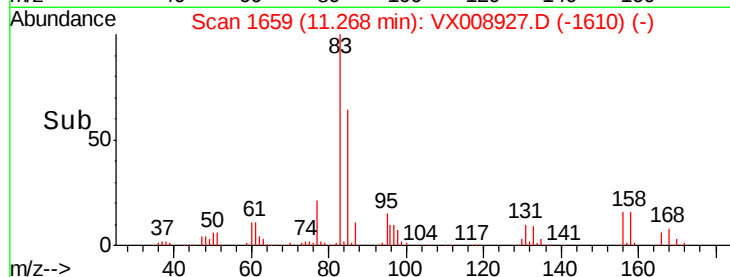
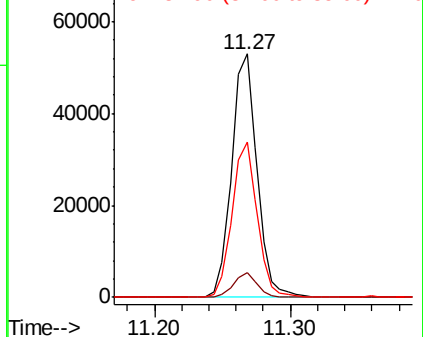
85 63.3 32.0 96.2



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: 25.031 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008927.D

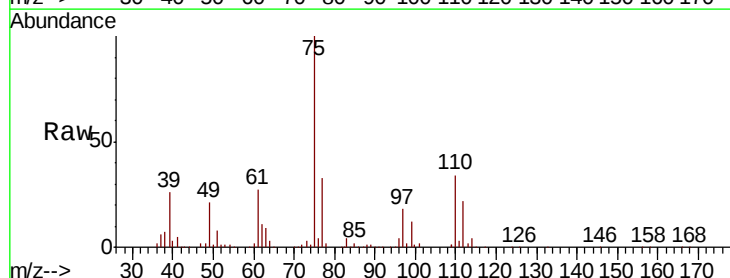
Acq: 13 Apr 2019 13:25

Tgt Ion: 75 Resp: 80529

Ion Ratio Lower Upper

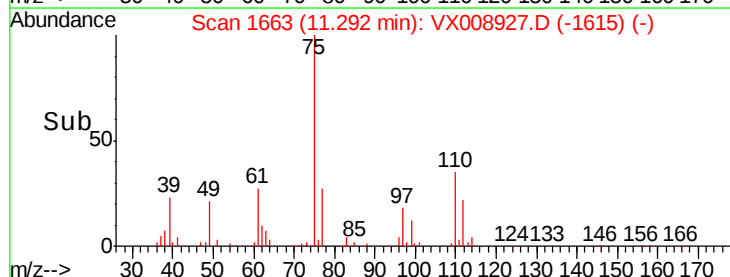
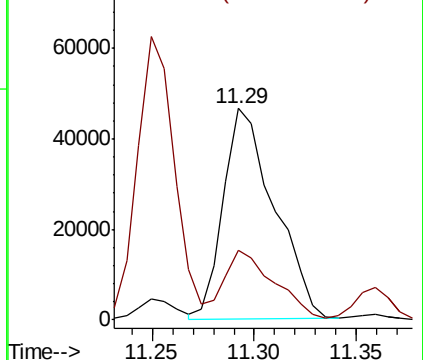
75 100

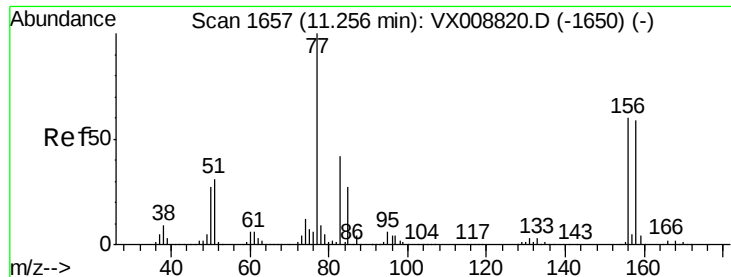
77 32.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.027 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

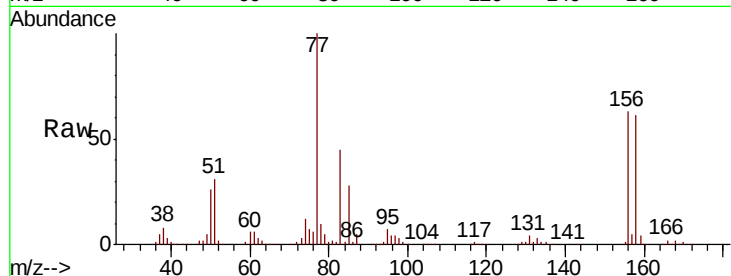
Tot Ion:156 Resp: 46727

Ion Ratio Lower Upper

156 100

77 170.2 89.8 269.6

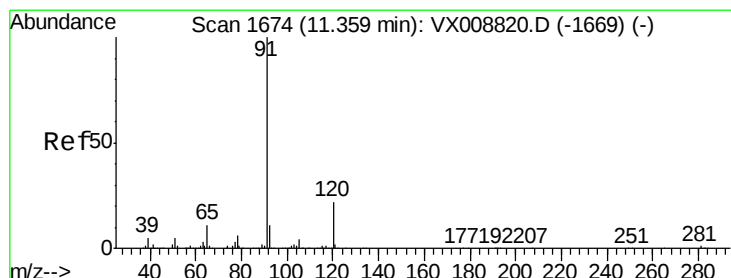
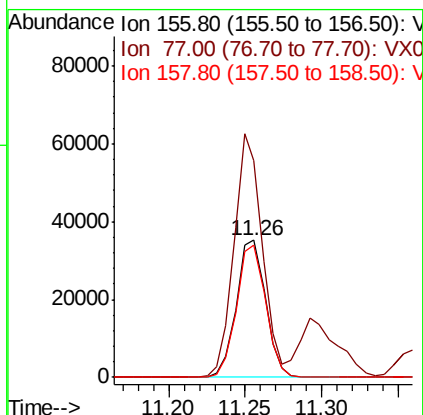
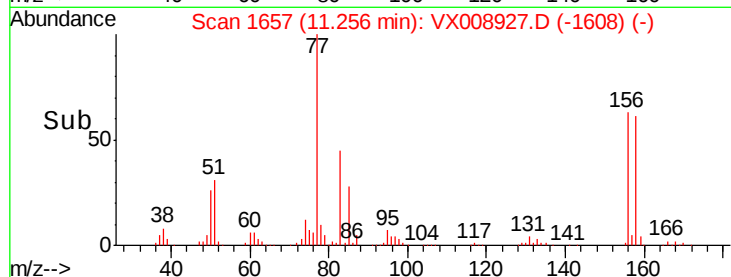
158 96.3 48.6 145.9



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: 19.395 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008927.D

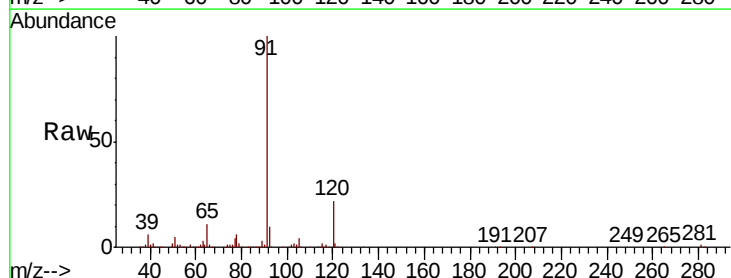
Acq: 13 Apr 2019 13:25

Tgt Ion: 91 Resp: 219183

Ion Ratio Lower Upper

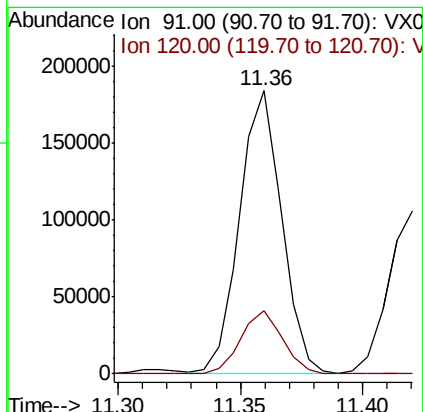
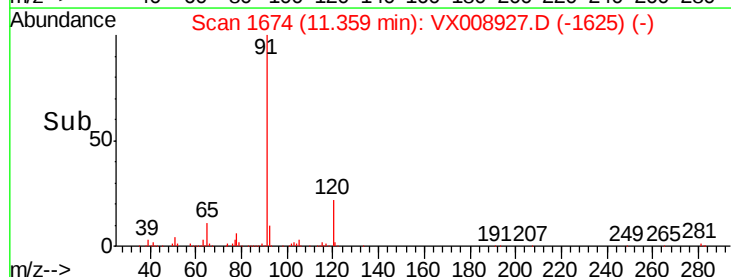
91 100

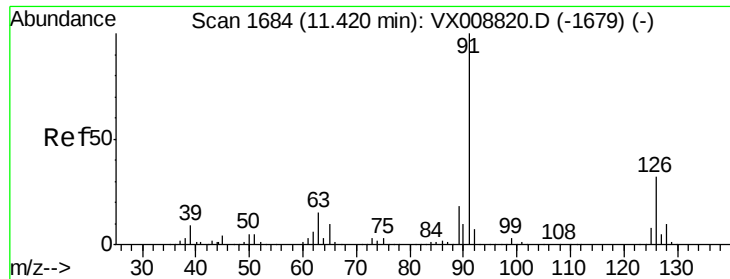
120 22.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

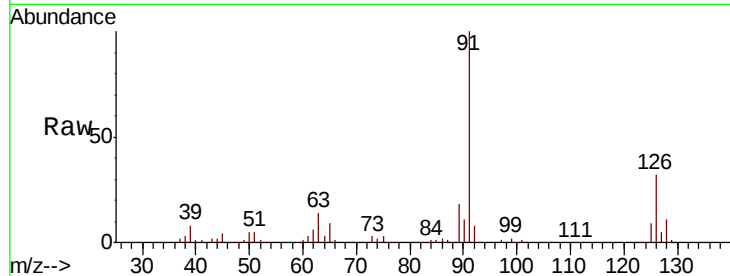




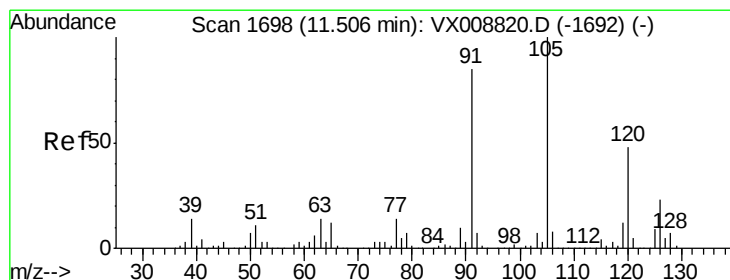
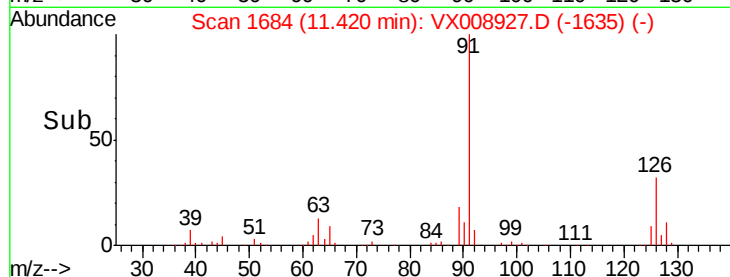
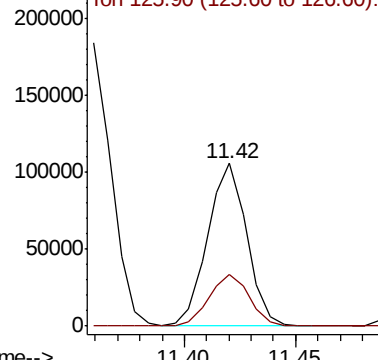
#79
 2-Chlorotoluene
 Concen: 18.920 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 129392
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3

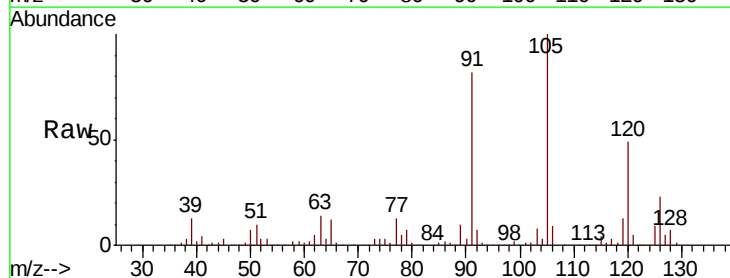


Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX008820.D (-1679) (-)

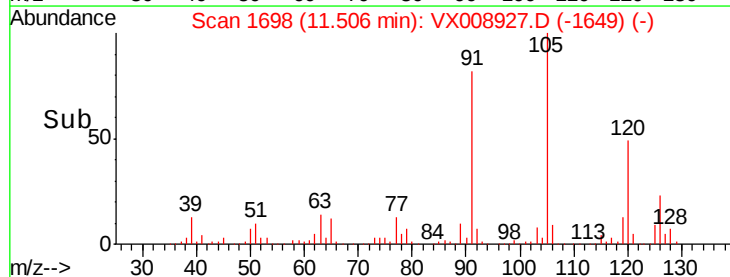
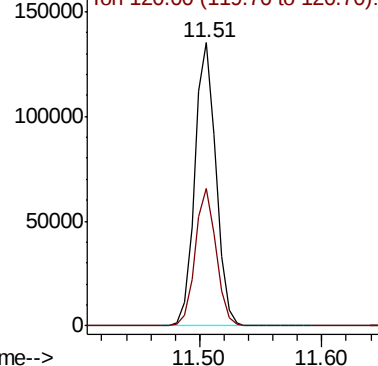


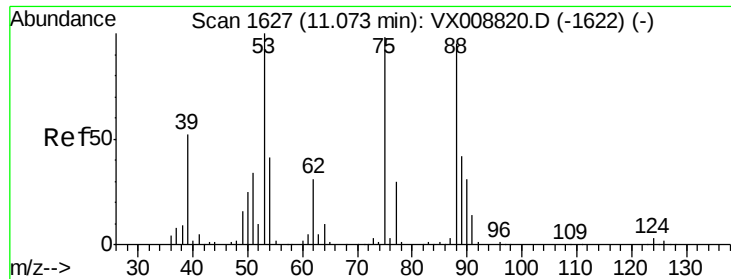
#80
 1,3,5-Trimethylbenzene
 Concen: 19.842 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion:105 Resp: 161650
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008820.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX008820.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.324 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

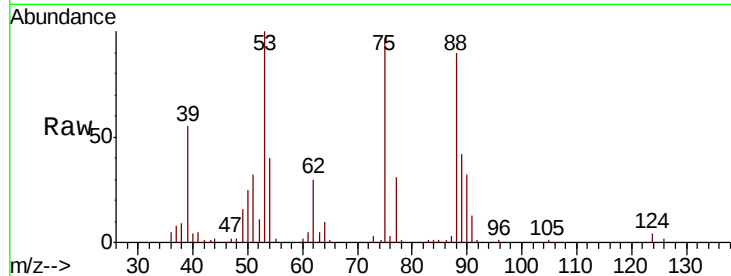
Tot Ion: 75 Resp: 22553

Ion Ratio Lower Upper

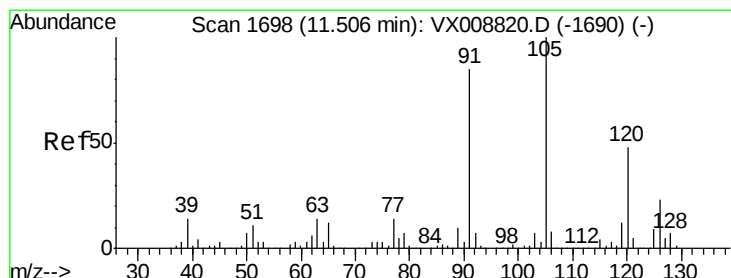
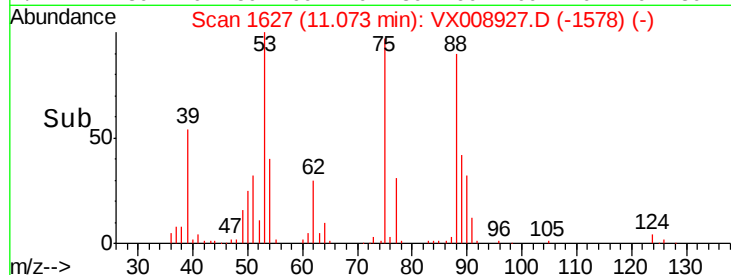
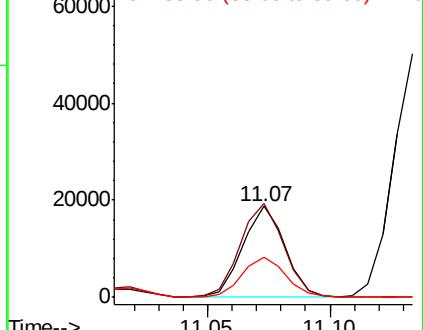
75 100

53 105.5 81.3 121.9

89 46.2 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.833 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008927.D

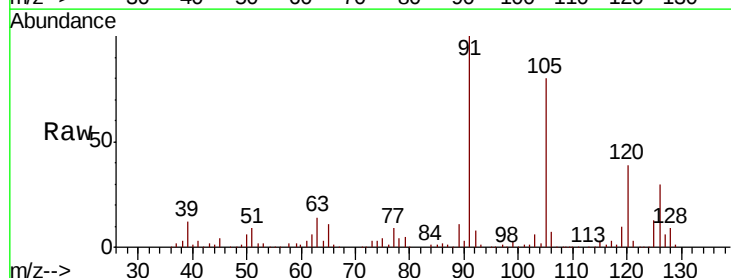
Acq: 13 Apr 2019 13:25

Tgt Ion: 91 Resp: 149084

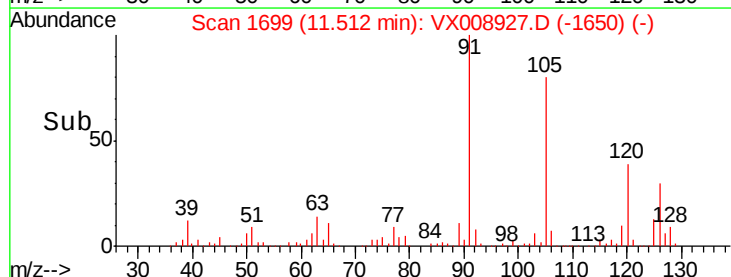
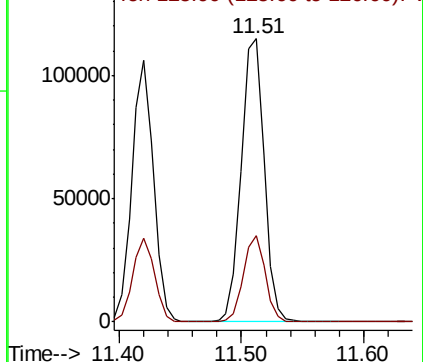
Ion Ratio Lower Upper

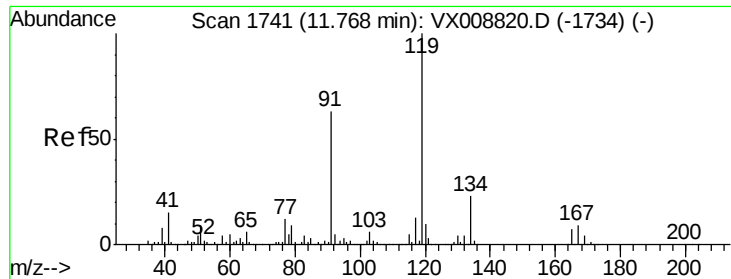
91 100

126 29.0 13.9 41.6



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

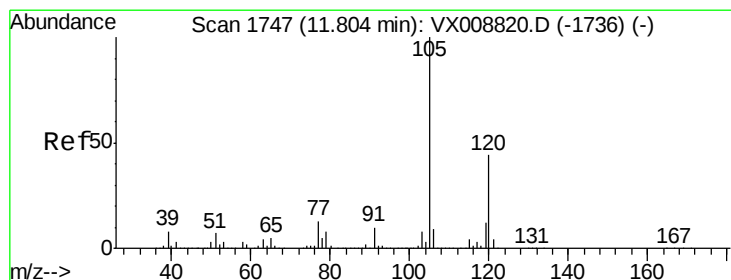
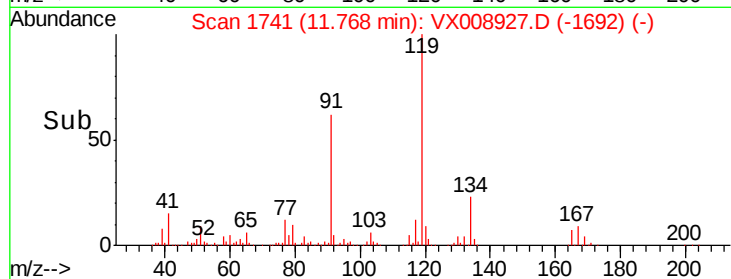
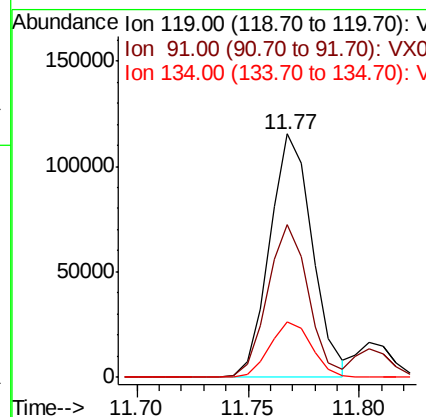
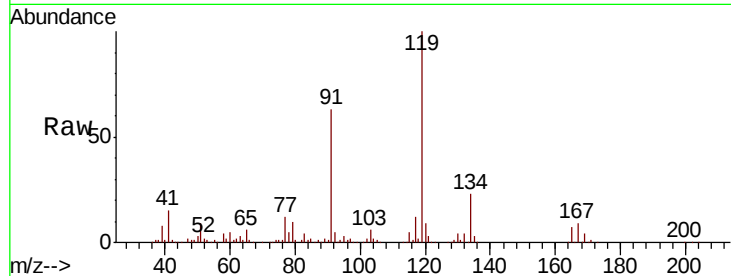




#83
 tert-Butylbenzene
 Concen: 19.487 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

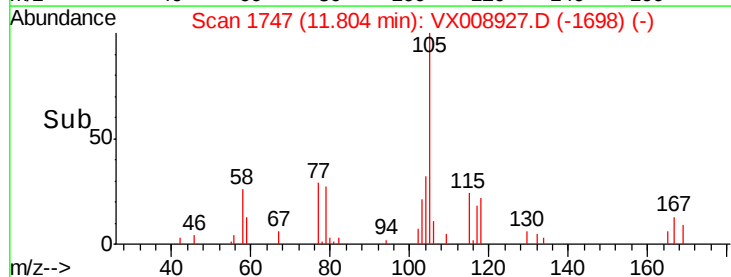
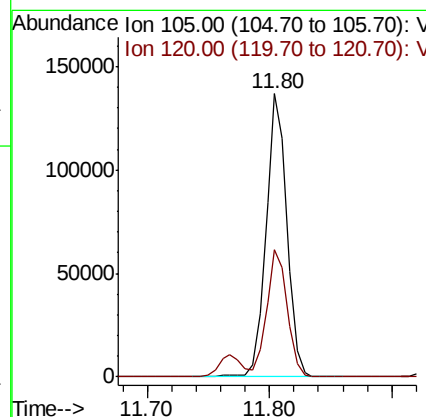
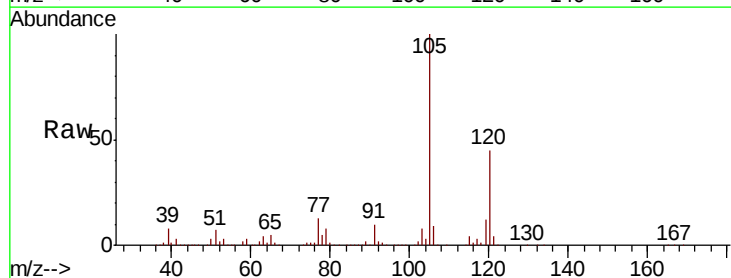
Instrument :
 MSVOA_X
 ClientSampleId :

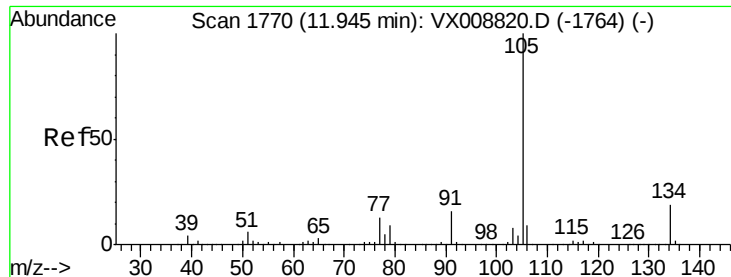
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.0	90.1
134	22.4	11.1	33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.682 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.3





#85

sec-Butylbenzene

Concen: 19.873 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

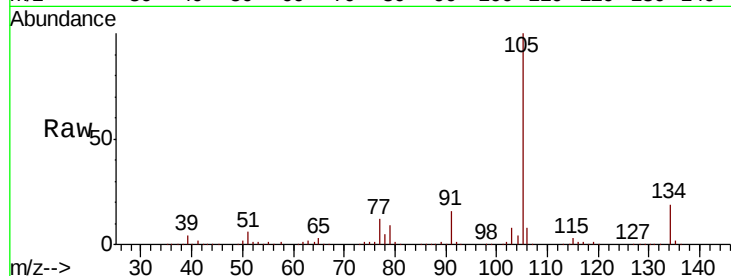
ClientSampleId :

Tot Ion:105 Resp: 185021

Ion Ratio Lower Upper

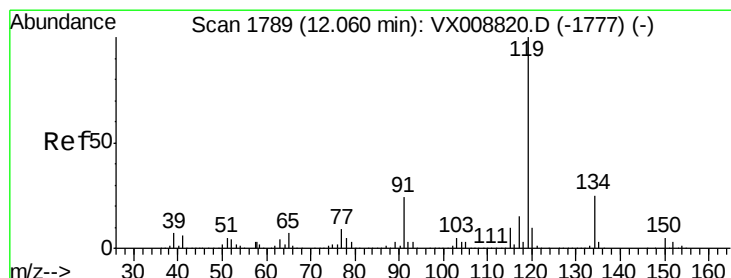
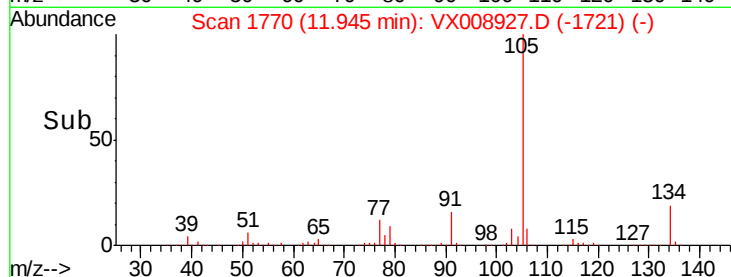
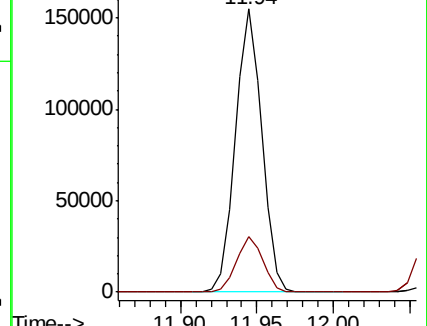
105 100

134 19.6 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.417 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

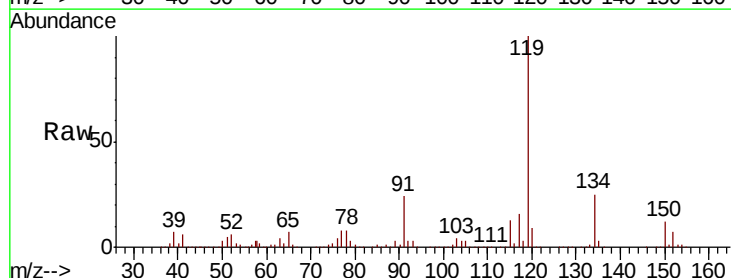
Tgt Ion:119 Resp: 170609

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

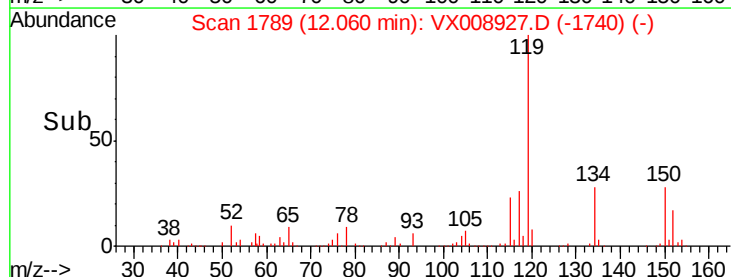
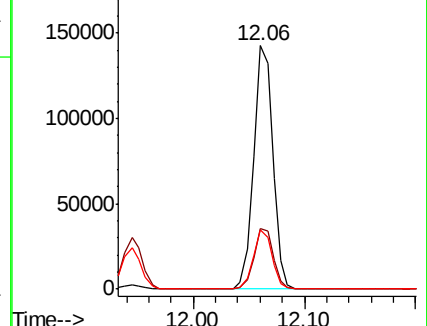
91 23.7 12.2 36.6

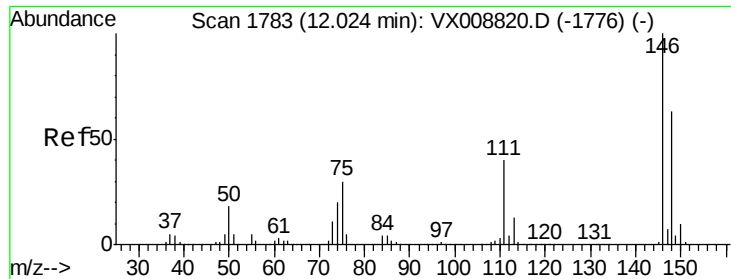


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

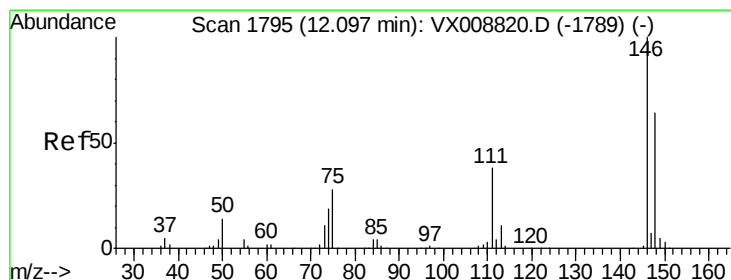
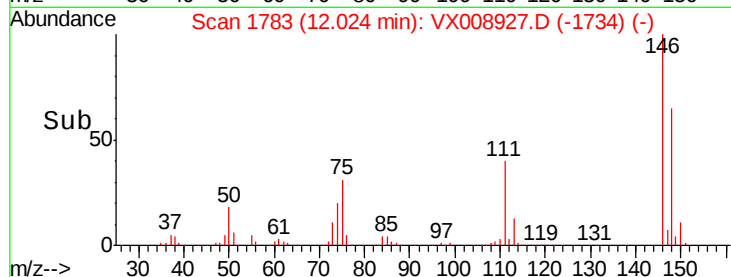
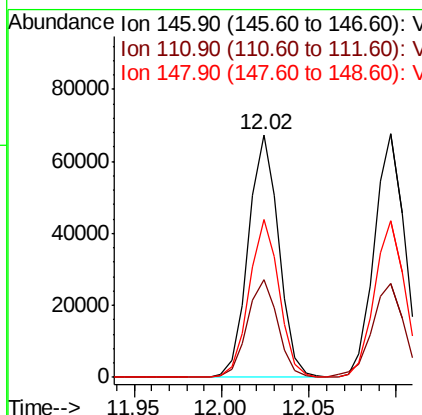
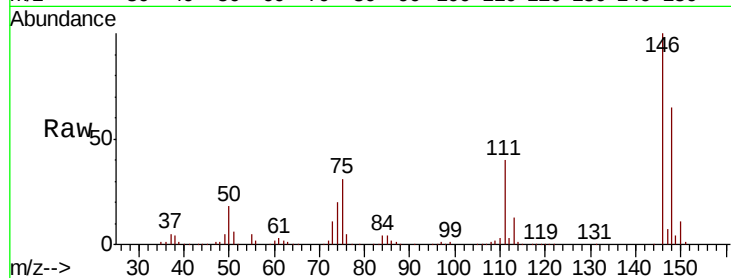




#87
 1,3-Dichlorobenzene
 Concen: 19.526 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

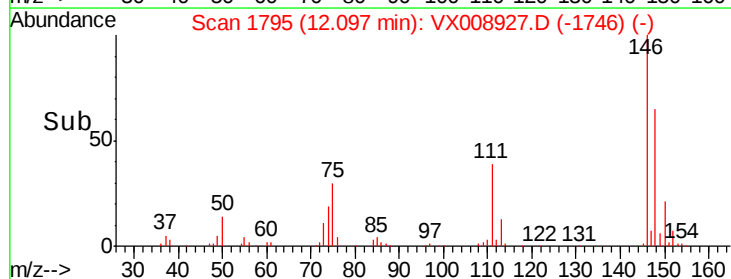
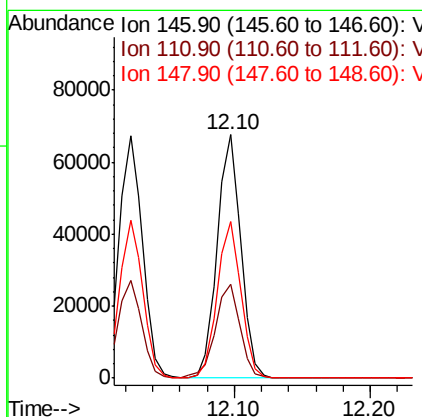
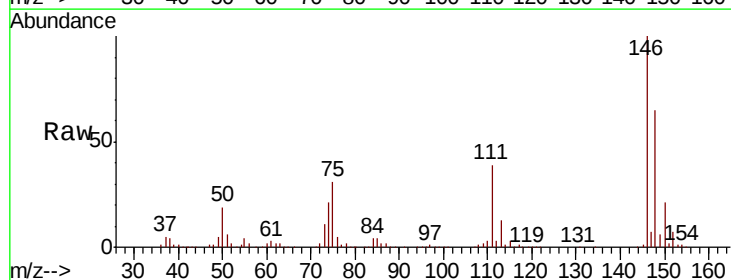
Instrument :
 MSVOA_X
 ClientSampleId :

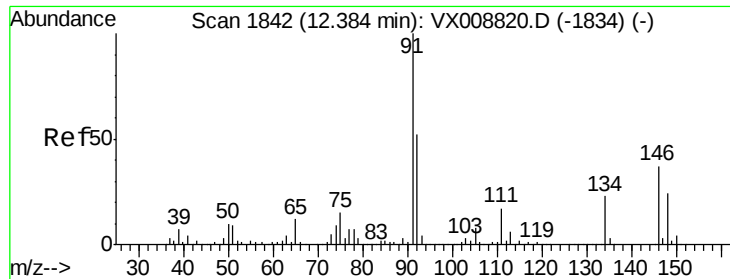
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	64.0	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.235 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	64.7	32.0	96.0

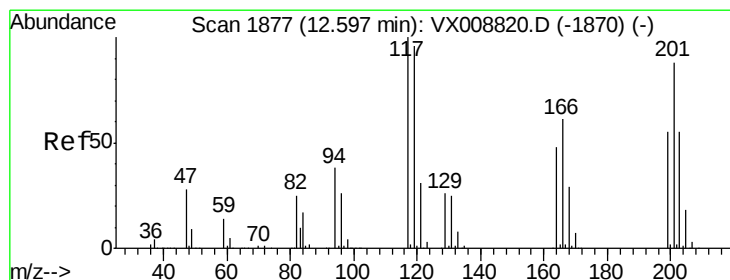
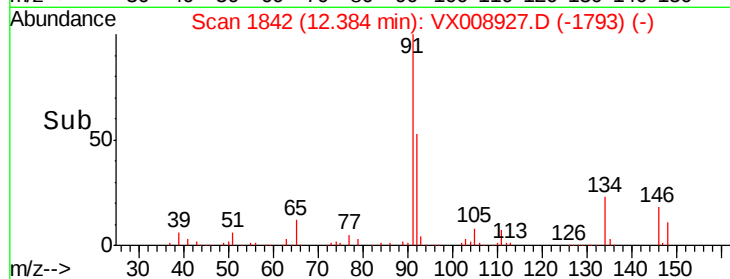
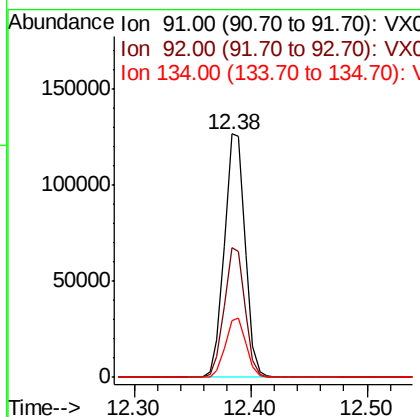
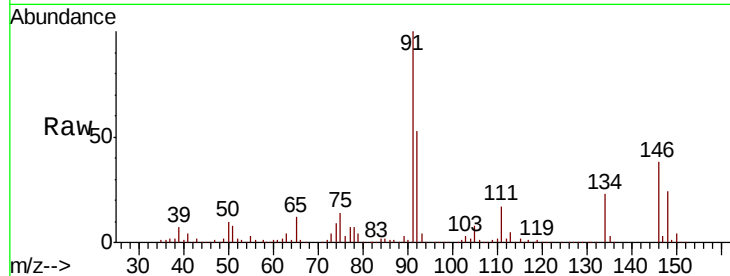




#89
n-Butylbenzene
Concen: 19.935 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

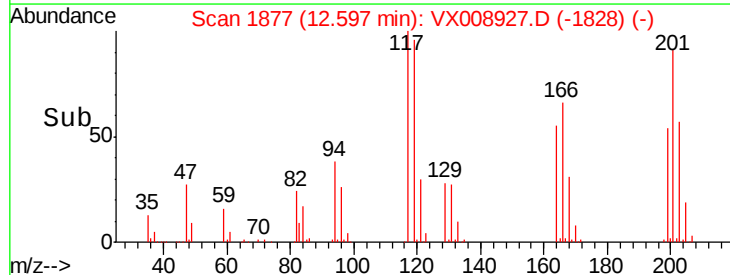
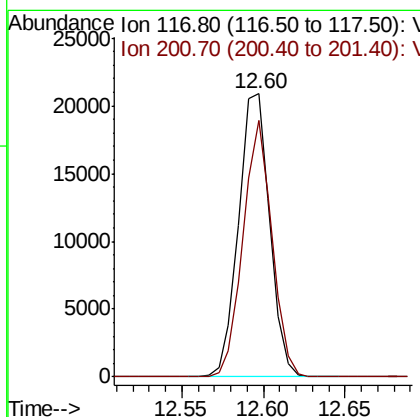
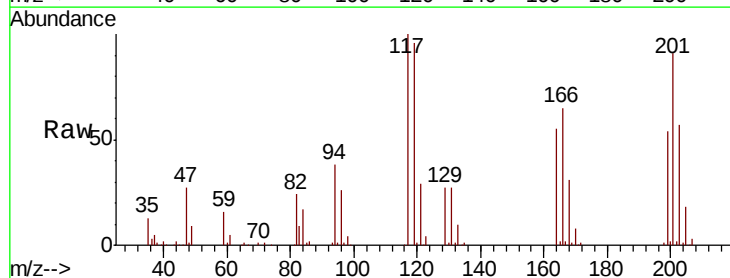
Instrument :
MSVOA_X
ClientSampleId :

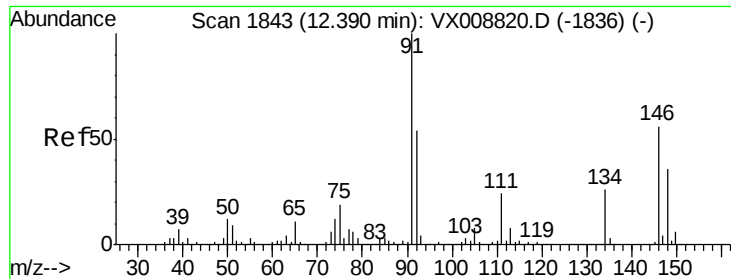
Tot Ion: 91 Resp: 156219
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 24.2 12.0 36.0



#90
Hexachloroethane
Concen: 20.088 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 117 Resp: 27841
Ion Ratio Lower Upper
117 100
201 83.9 40.6 122.0

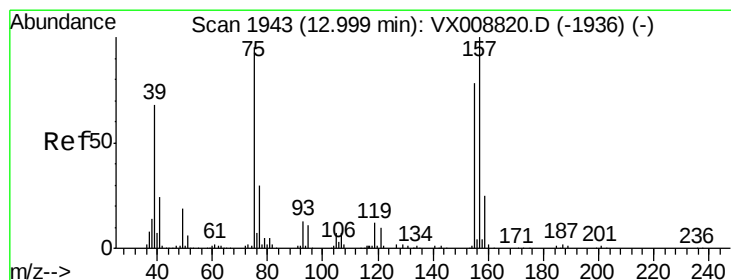
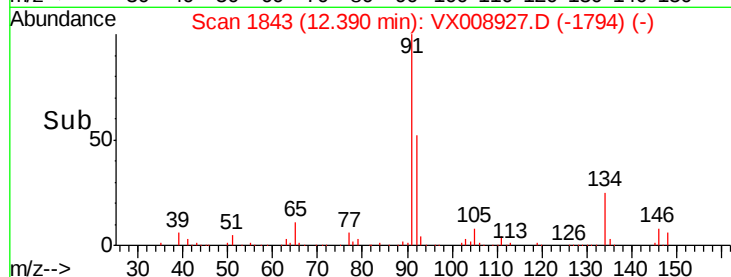
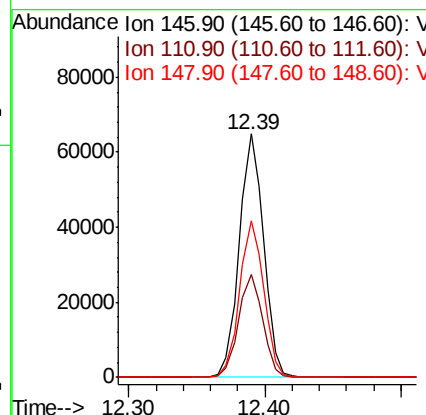
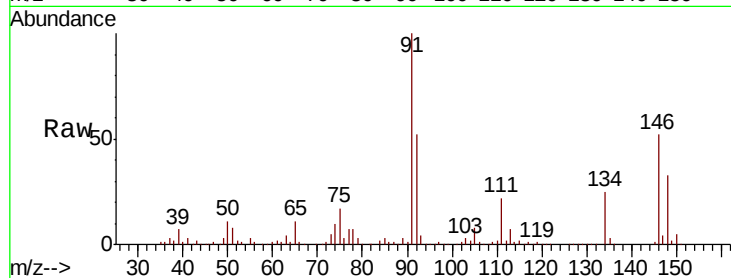




#91
 1,2-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

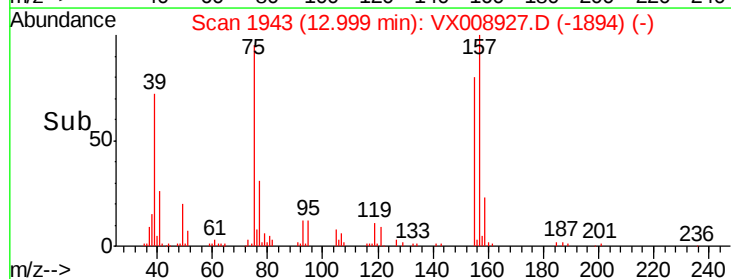
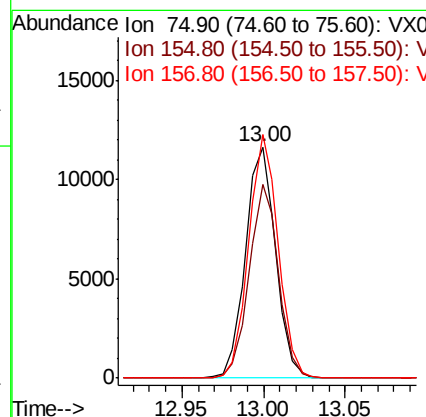
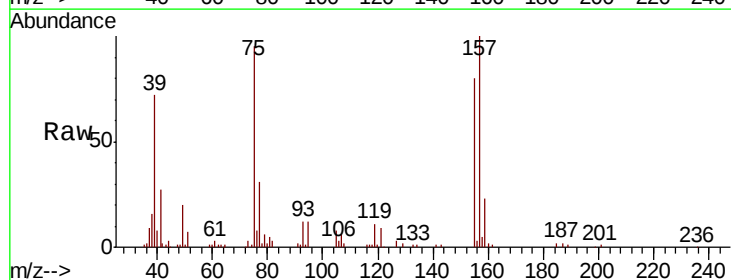
Instrument :
 MSVOA_X
 ClientSampled :

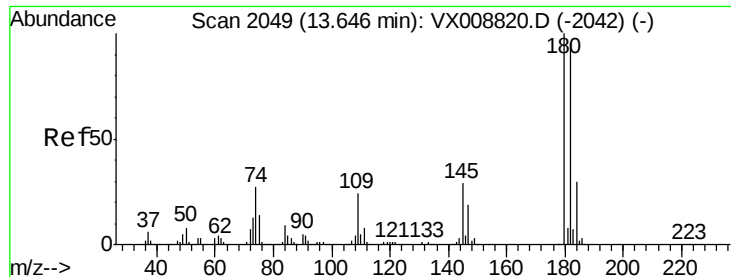
Tot Ion:146 Resp: 80730
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.9
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.494 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion: 75 Resp: 15017
 Ion Ratio Lower Upper
 75 100
 155 81.4 39.9 119.6
 157 102.9 51.5 154.7

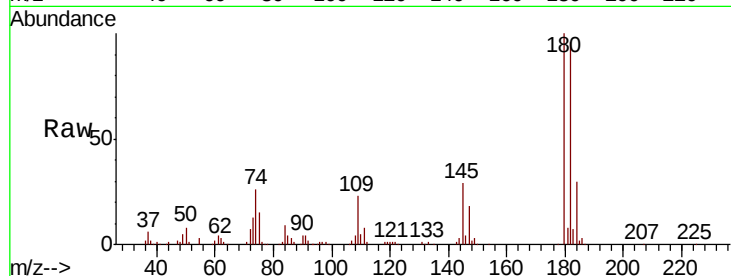




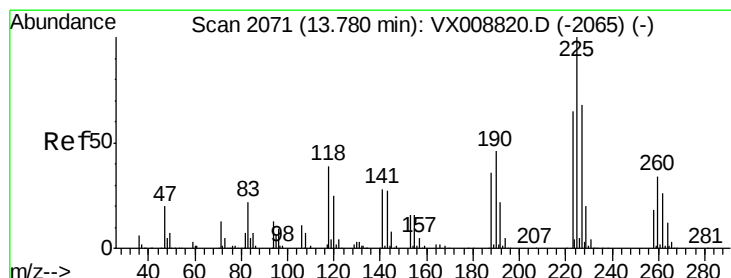
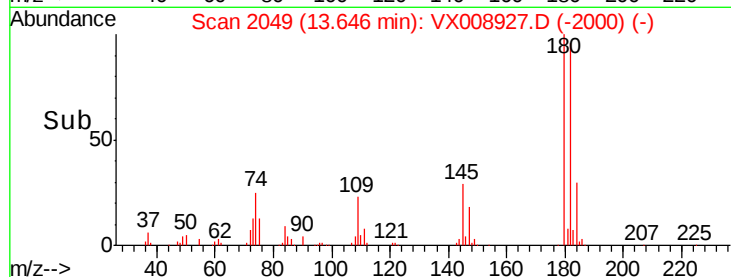
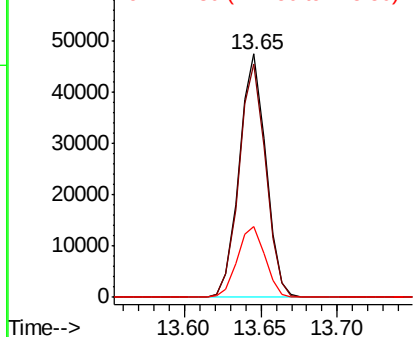
#93
 1,2,4-Trichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.2	141.6
145	30.2	15.3	45.9

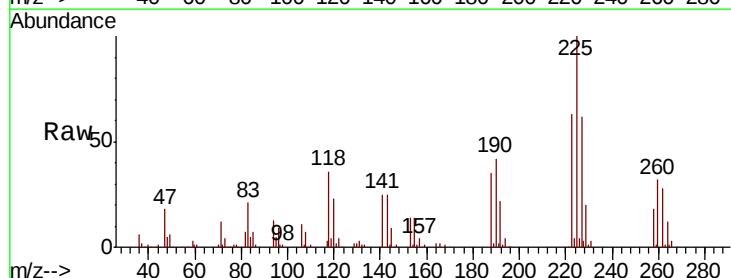


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

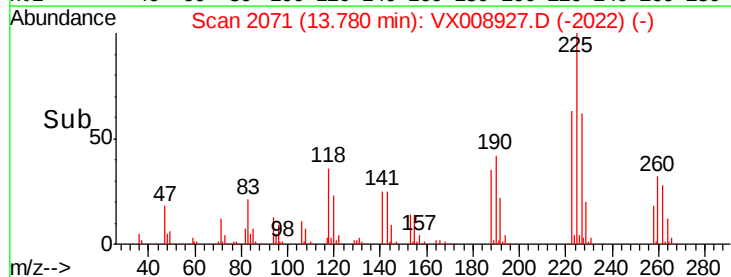
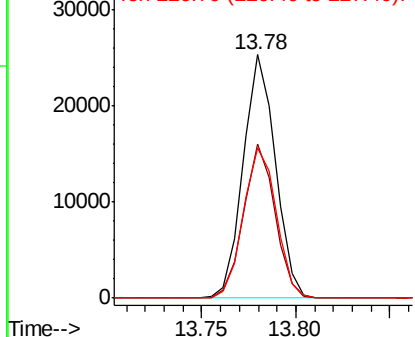


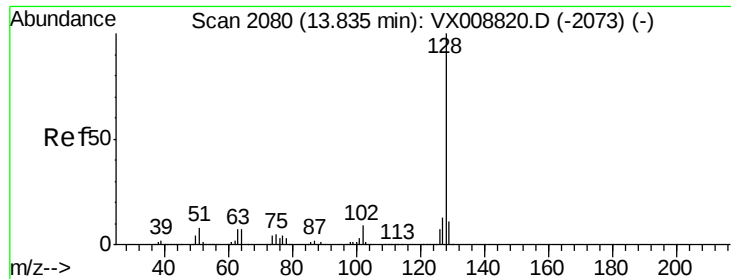
#94
 Hexachlorobutadiene
 Concen: 21.688 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.2	93.6
227	63.5	31.9	95.5



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





#95

Naphthalene

Concen: 19.295 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

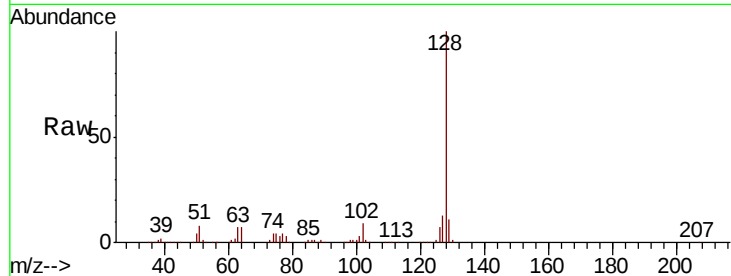
Tot Ion:128 Resp: 185957

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.6 8.6 13.0

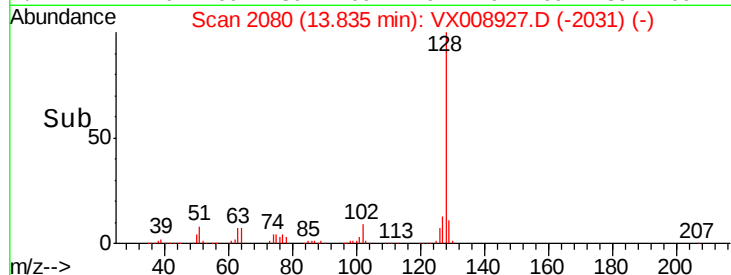


Abundance Ion 128.00 (127.70 to 128.70): V

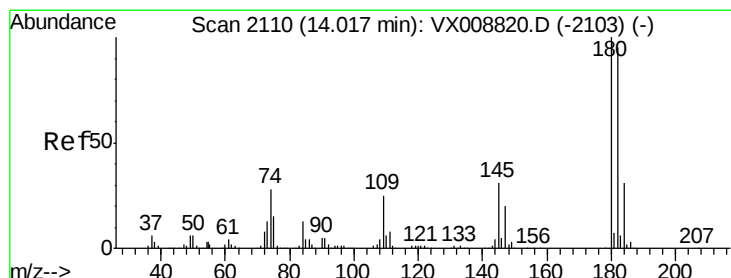
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.778 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

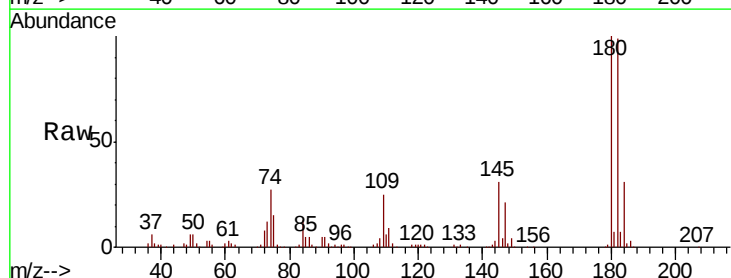
Tgt Ion:180 Resp: 56982

Ion Ratio Lower Upper

180 100

182 98.1 48.1 144.3

145 31.1 16.3 48.8

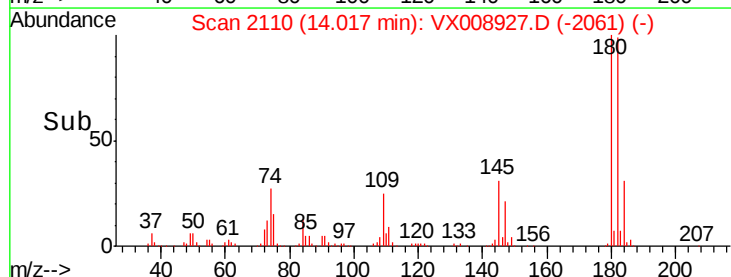


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->