

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072419\
 Data File : VX011057.D
 Acq On : 24 Jul 2019 13:19
 Operator : JC/SP
 Sample : K3591-09 2.5PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 03:21:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35579	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	200200	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	175295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	71320	29.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.57%
60) 4-Bromofluorobenzene	11.13	95	82509	28.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.33%
63) Toluene-d8	8.71	98	232659	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	4600	1.956 ug/l	99
3) Chloromethane	1.32	50	4948	2.392 ug/l	97
4) Vinyl Chloride	1.41	62	4638	2.150 ug/l	88
5) Bromomethane	1.64	94	4079	3.435 ug/l	99
6) Chloroethane	2.01	64	274	0.215 ug/l	90
7) Trichlorofluoromethane	1.93	101	9063	2.530 ug/l	97
8) Diethyl Ether	2.18	74	3214	2.732 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	5357	2.706 ug/l	96
10) 1,1-Dichloroethene	2.37	96	5022	2.524 ug/l	93
11) Methyl Iodide	2.51	142	4927	1.844 ug/l	93
12) Methyl Acetate	2.78	43	5659	2.025 ug/l	92
13) Acrolein	2.29	56	4756	14.193 ug/l	95
14) Acrylonitrile	3.14	53	13810	12.626 ug/l	98
15) Acetone	2.44	58	4737	15.553 ug/l	97
16) Carbon Disulfide	2.57	76	11156	2.182 ug/l	97
17) Allyl chloride	2.73	41	6753	2.344 ug/l	97
18) Methylene Chloride	2.85	84	5941	2.681 ug/l	96
19) trans-1,2-Dichloroethene	3.16	96	5001	2.379 ug/l	98
20) Diisopropyl ether	3.85	45	15543	2.556 ug/l	99
21) 1,1-Dichloroethane	3.70	63	8789	2.511 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	5723	2.367 ug/l	86
23) tert-Butyl Alcohol	3.04	59	8387	14.686 ug/l	# 99
24) Methyl tert-Butyl Ether	3.19	73	15848	2.481 ug/l	93
25) Chloroform	5.21	83	10244	2.673 ug/l	94
26) Cyclohexane	5.58	56	7933	2.477 ug/l	# 91
29) 1,1-Dichloropropene	5.80	75	6895	2.449 ug/l	99
30) 2-Butanone	4.67	43	18743	12.333 ug/l	# 98
31) 2,2-Dichloropropane	4.59	77	7202	2.931 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	7432	2.189 ug/l	# 85
33) Carbon Tetrachloride	5.78	117	6587	2.231 ug/l	93
34) Benzene	6.14	78	21033	2.490 ug/l	96
35) Methacrylonitrile	5.03	41	3425	2.165 ug/l	82
36) 1,2-Dichloroethane	6.20	62	7507	2.486 ug/l	98
37) Trichloroethene	7.21	130	6205	2.510 ug/l	89
38) Methylcyclohexane	7.46	83	8450	2.378 ug/l	97
39) 1,2-Dichloropropane	7.51	63	5454	2.584 ug/l	98
40) Dibromomethane	7.65	93	4031	2.596 ug/l	90

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	6166	2.182	ug/l	98
42) Vinyl Acetate	3.81	43	57843	11.552	ug/l	99
44) Isopropyl Acetate	6.45	43	10672	2.246	ug/l	95
45) 1,4-Dioxane	7.74	88	3113	50.336	ug/l	96
46) Methyl methacrylate	7.77	41	4799	2.081	ug/l	93
47) n-amyl Acetate	10.90	43	8070	1.894	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	5918	1.987	ug/l	92
49) cis-1,3-Dichloropropene	8.43	75	6807	2.094	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	5808	2.556	ug/l	96
51) Ethyl methacrylate	9.17	69	7452	2.121	ug/l	95
52) 1,3-Dichloropropane	9.37	76	8946	2.450	ug/l	98
53) Dibromochloromethane	9.58	129	4671	1.903	ug/l	100
54) 1,2-Dibromoethane	9.67	107	5461	2.211	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	19439	13.062	ug/l	99
56) Bromoform	10.86	173	3541	1.937	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	35539	12.005	ug/l	97
59) 2-Hexanone	9.49	43	26305	11.612	ug/l	99
61) Tetrachloroethene	9.34	164	6134	2.650	ug/l	96
62) Toluene	8.78	91	22582	2.425	ug/l	99
64) Chlorobenzene	10.13	112	14720	2.467	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	4681	2.159	ug/l	94
66) Ethyl Benzene	10.25	91	24989	2.384	ug/l	99
67) m/p-Xylenes	10.36	106	19012	4.740	ug/l	97
68) o-Xylene	10.69	106	9700	2.468	ug/l	96
69) Styrene	10.71	104	14831	2.245	ug/l	99
70) Isopropylbenzene	11.02	105	24670	2.357	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	7995	2.369	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	8339	2.961	ug/l	89
73) Bromobenzene	11.25	156	6721	2.380	ug/l	96
74) n-propylbenzene	11.36	91	27199	2.309	ug/l	99
75) 2-Chlorotoluene	11.42	91	17217	2.454	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	20320	2.294	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	1763	1.897	ug/l	87
78) 4-Chlorotoluene	11.51	91	18615	2.311	ug/l	98
79) tert-butylbenzene	11.77	119	20234	2.355	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	20882	2.341	ug/l	96
81) sec-Butylbenzene	11.94	105	23423	2.313	ug/l	99
82) p-Isopropyltoluene	12.06	119	21332	2.270	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	11995	2.406	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	11985	2.419	ug/l	97
85) n-Butylbenzene	12.38	91	18079	2.259	ug/l	99
86) Hexachloroethane	12.59	117	2886	1.947	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	11789	2.416	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	1576	2.121	ug/l	83
89) 1,2,4-Trichlorobenzene	13.65	180	7673	2.279	ug/l	96
90) Hexachlorobutadiene	13.78	225	3934	2.417	ug/l	97
91) Naphthalene	13.83	128	20744	2.020	ug/l	98
92) 1,2,3-Trichlorobenzene	14.02	180	7750	2.297	ug/l	96

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QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration

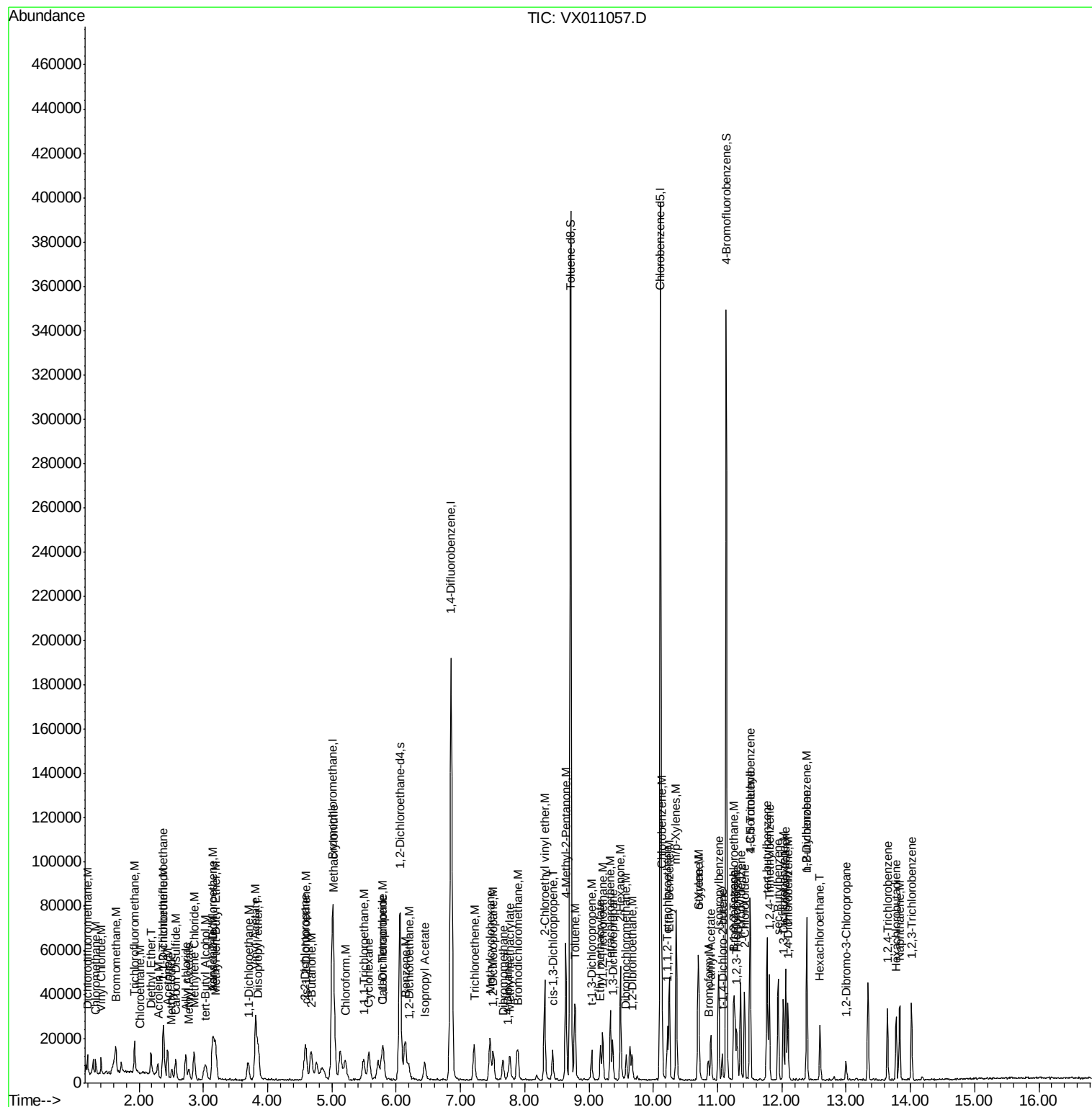
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

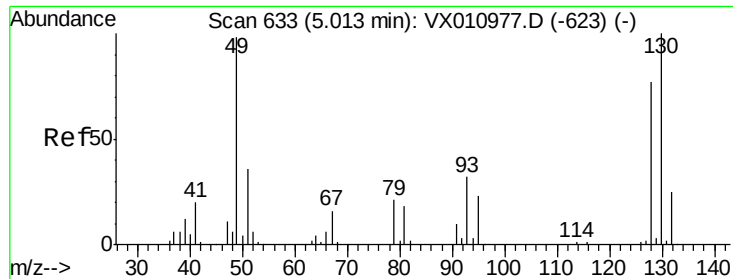
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

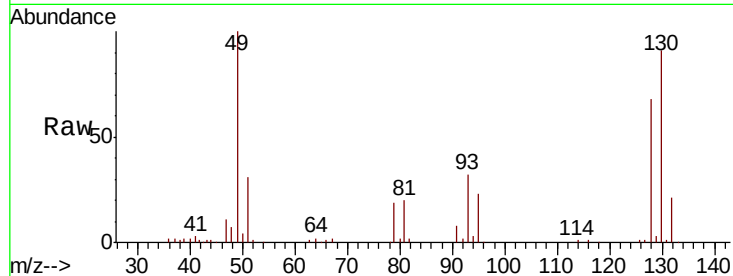
Tot Ion:128 Resp: 35579

Ion Ratio Lower Upper

128 100

49 137.2 0.0 343.5

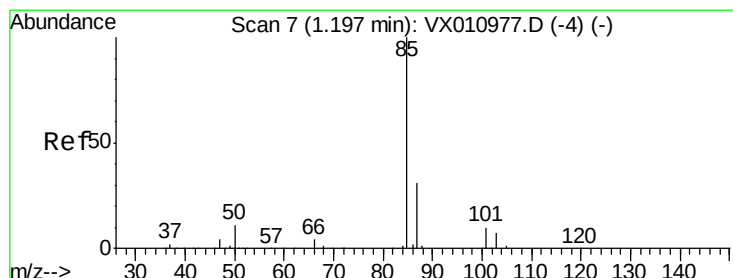
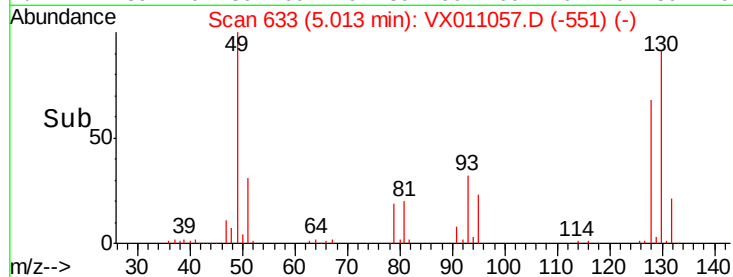
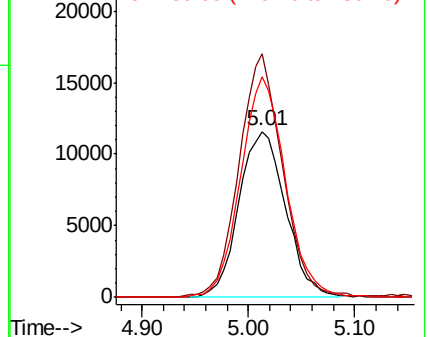
130 128.1 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 1.956 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011057.D

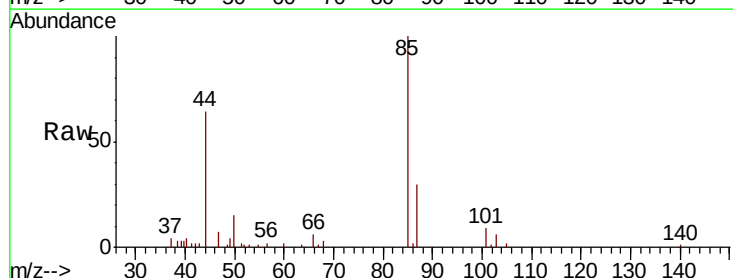
Acq: 24 Jul 2019 13:19

Tgt Ion: 85 Resp: 4600

Ion Ratio Lower Upper

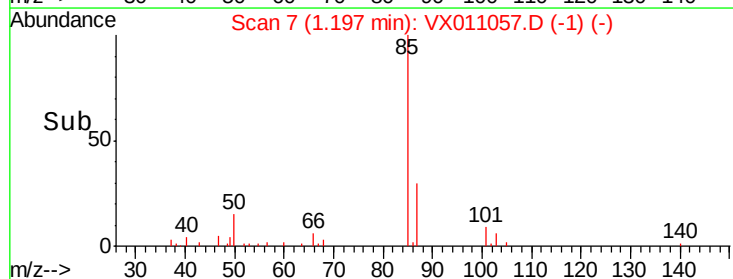
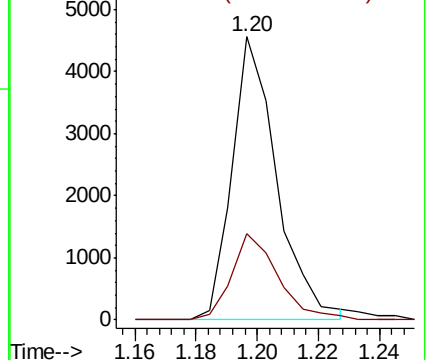
85 100

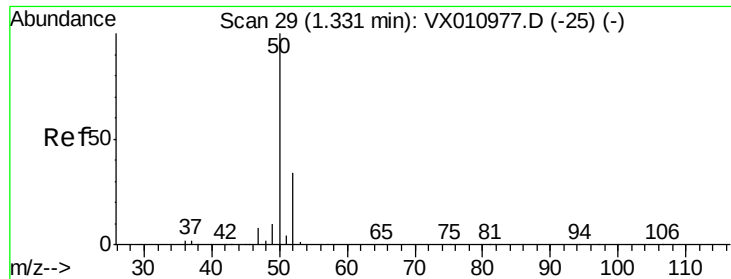
87 30.3 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.392 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

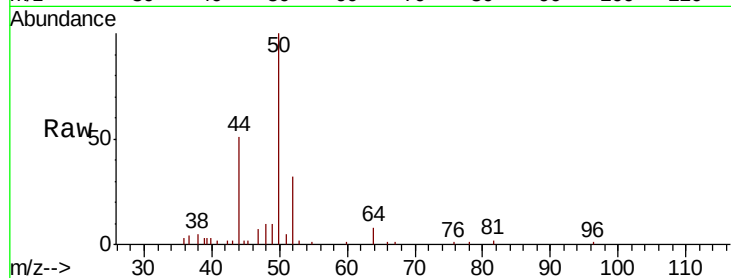
ClientSampleId :

Tot Ion: 50 Resp: 4948

Ion Ratio Lower Upper

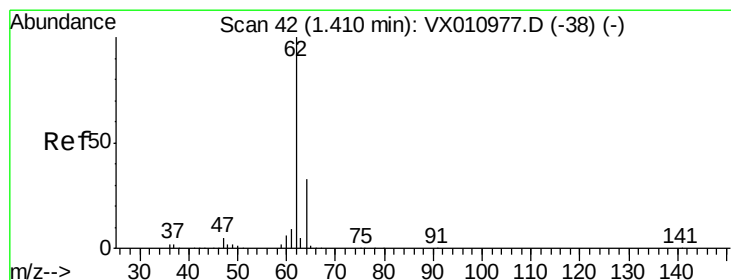
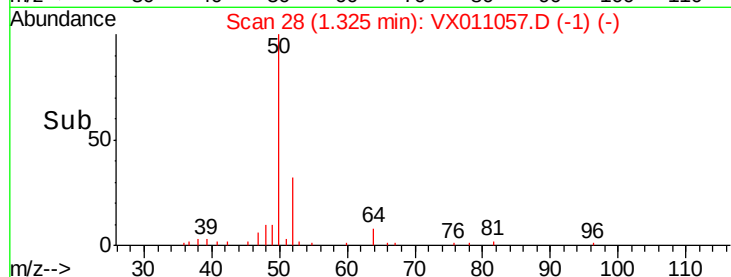
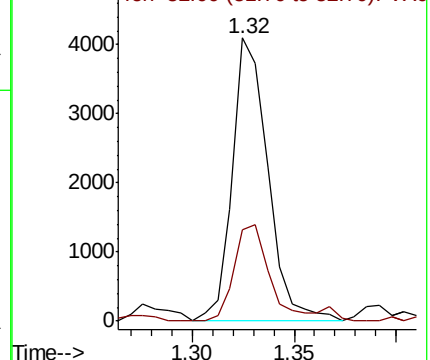
50 100

52 32.5 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 2.150 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011057.D

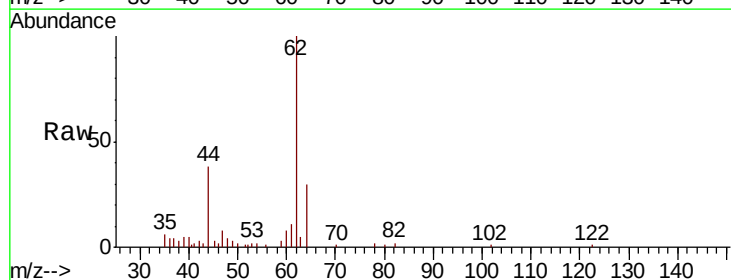
Acq: 24 Jul 2019 13:19

Tgt Ion: 62 Resp: 4638

Ion Ratio Lower Upper

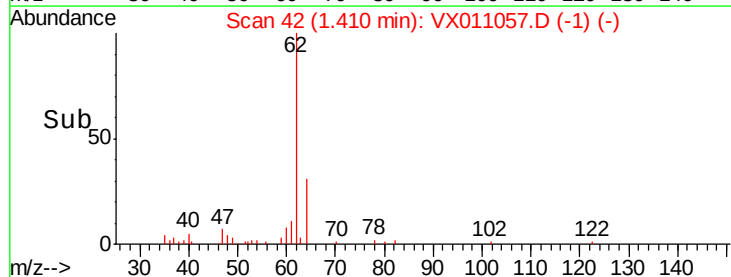
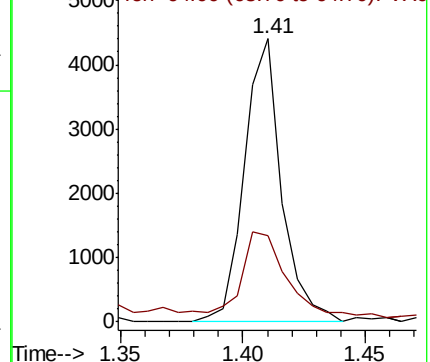
62 100

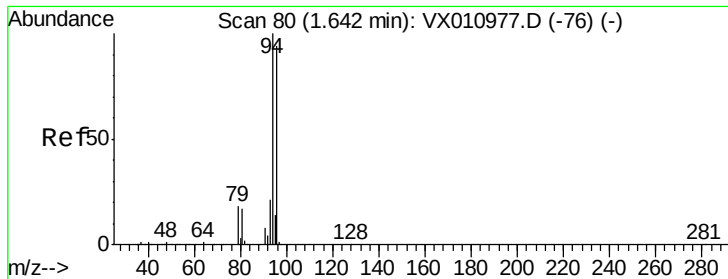
64 26.9 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 3.435 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

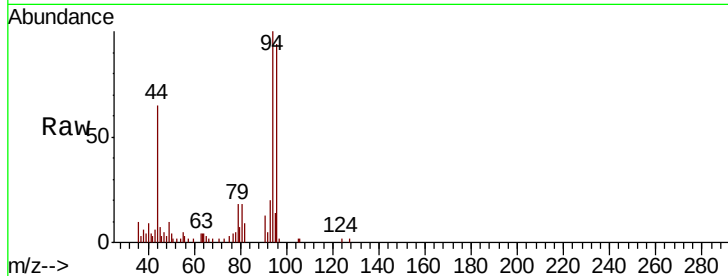
ClientSampleId :

Tot Ion: 94 Resp: 4079

Ion Ratio Lower Upper

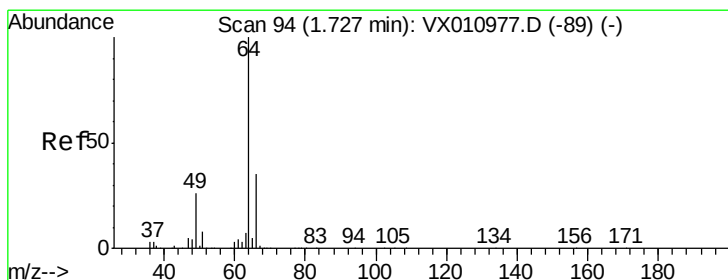
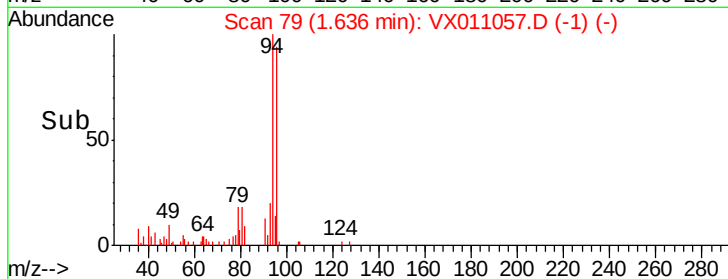
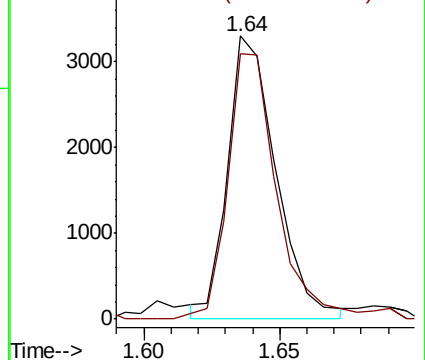
94 100

96 95.1 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 0.215 ug/l

RT: 2.01 min Scan# 141

Delta R.T. 0.29 min

Lab File: VX011057.D

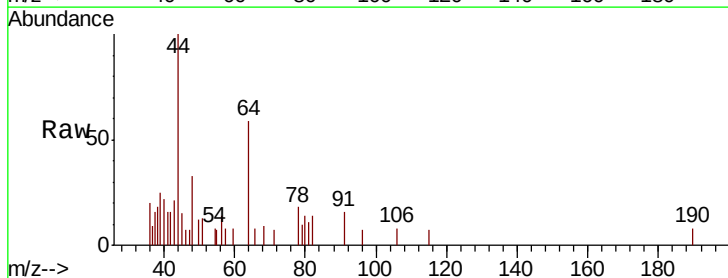
Acq: 24 Jul 2019 13:19

Tgt Ion: 64 Resp: 274

Ion Ratio Lower Upper

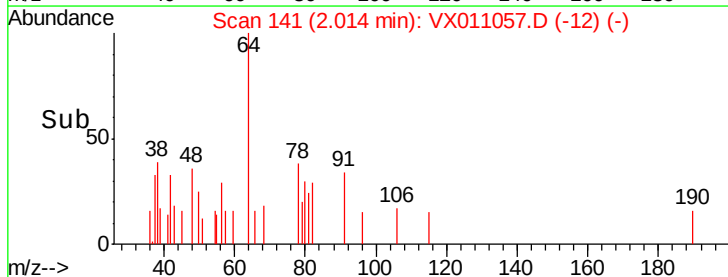
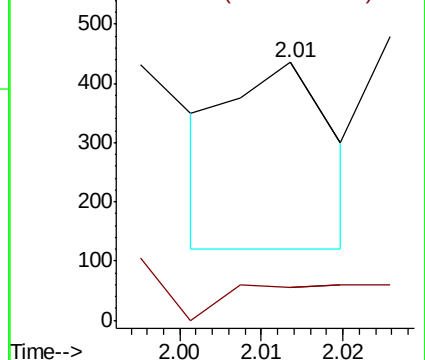
64 100

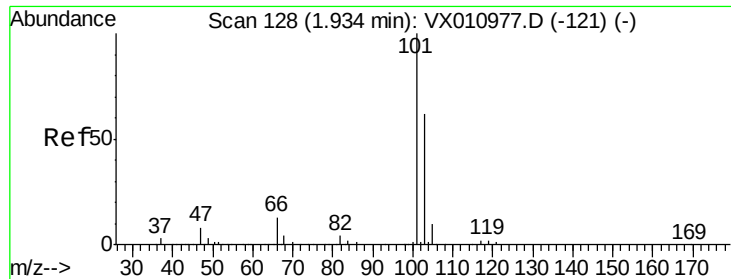
66 41.2 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



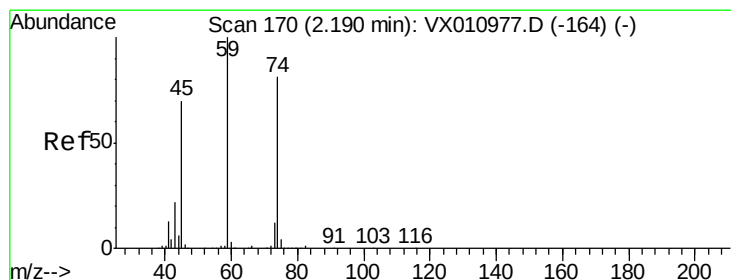
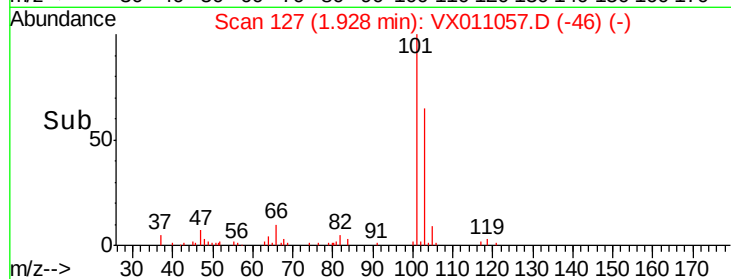
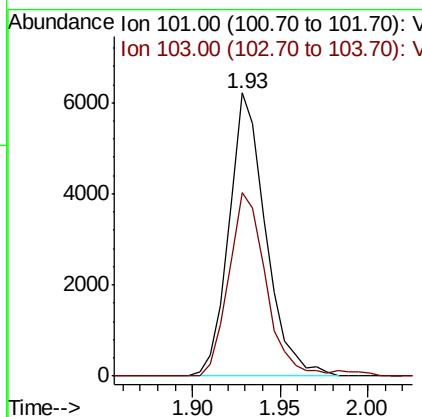
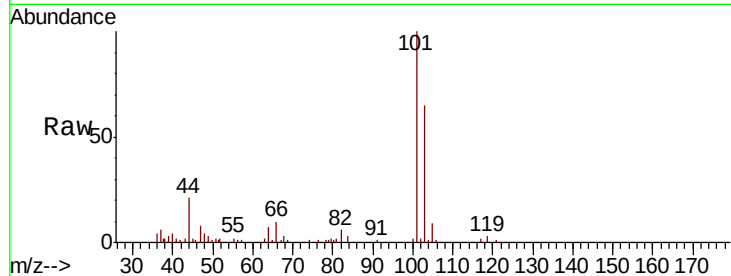


#7

Trichlorofluoromethane
Concen: 2.530 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :

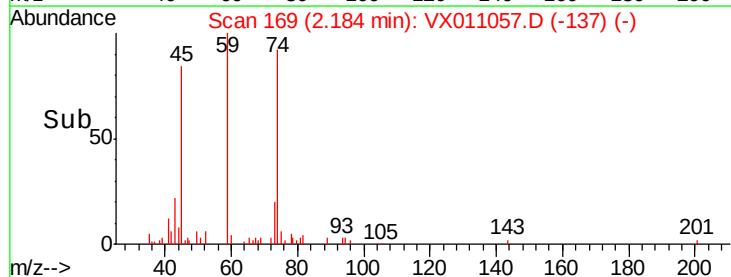
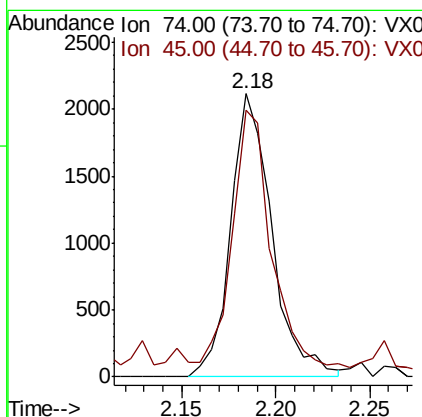
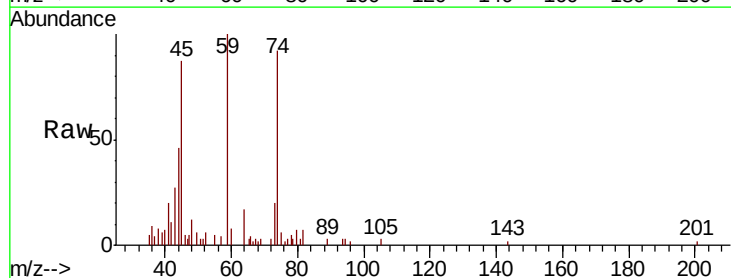
Tot Ion:101 Resp: 9063
Ion Ratio Lower Upper
101 100
103 64.7 49.6 74.4

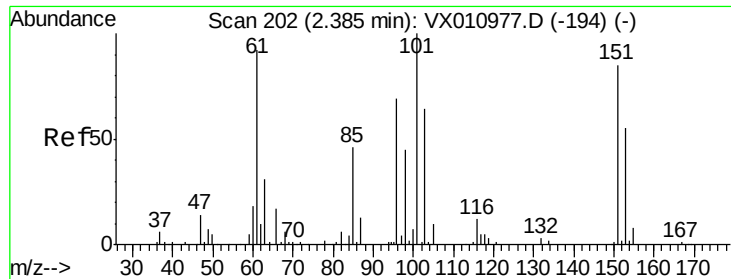


#8

Diethyl Ether
Concen: 2.732 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 74 Resp: 3214
Ion Ratio Lower Upper
74 100
45 90.9 18.3 164.3

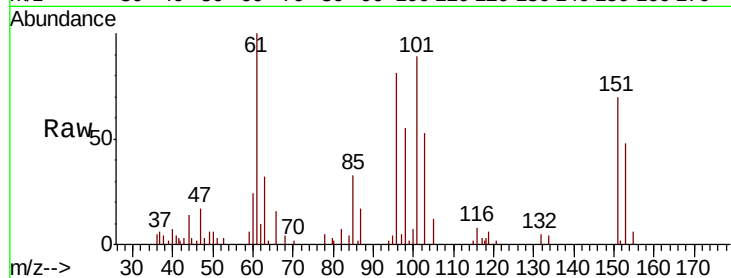




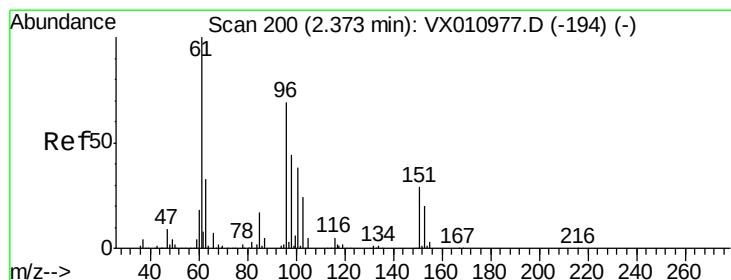
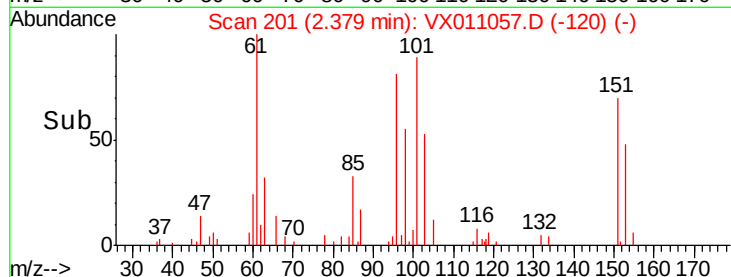
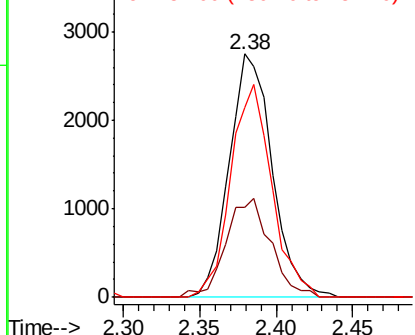
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.706 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 5357
 Ion Ratio Lower Upper
 101 100
 85 41.3 0.0 89.8
 151 83.7 0.0 172.2

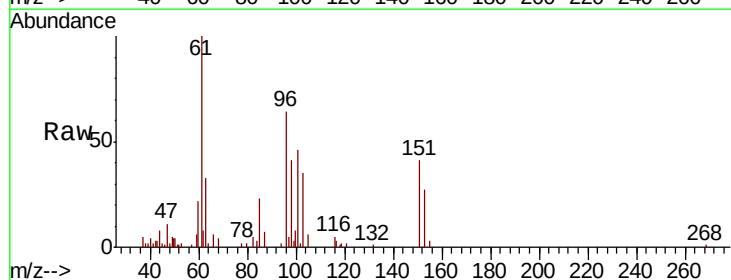


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VX0
 Ion 151.00 (150.70 to 151.70): V

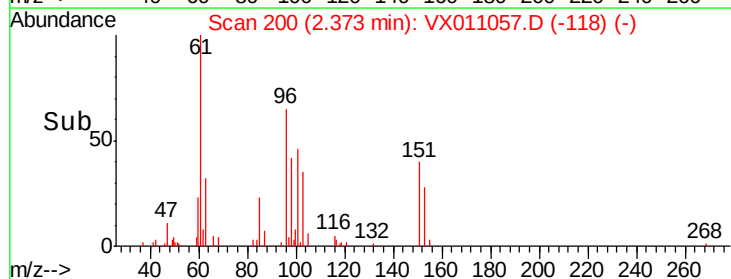
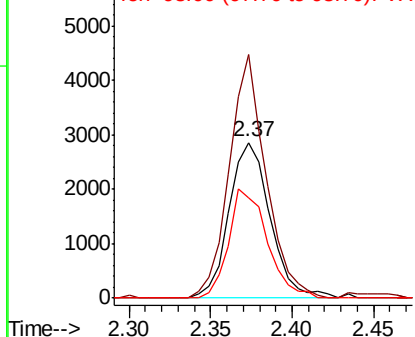


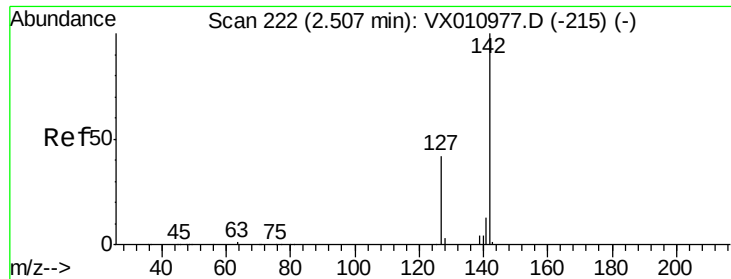
#10
 1,1-Dichloroethene
 Concen: 2.524 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 96 Resp: 5022
 Ion Ratio Lower Upper
 96 100
 61 156.5 115.9 173.9
 98 64.4 50.6 75.8



Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

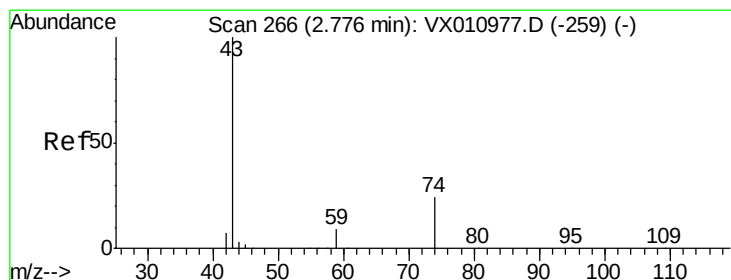
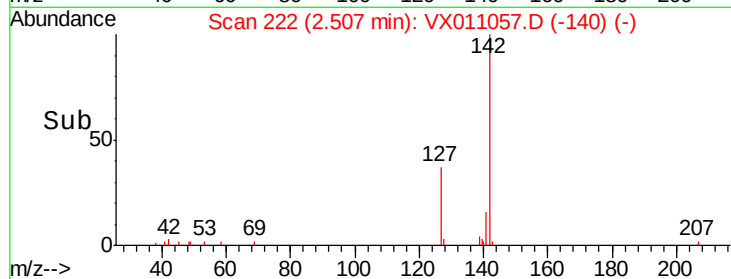
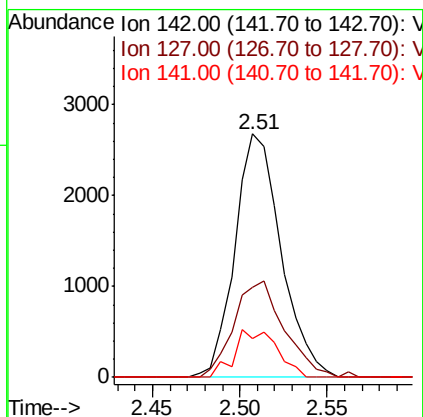
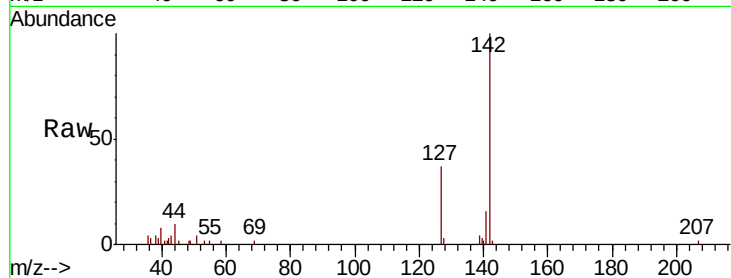




#11
Methyl Iodide
Concen: 1.844 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

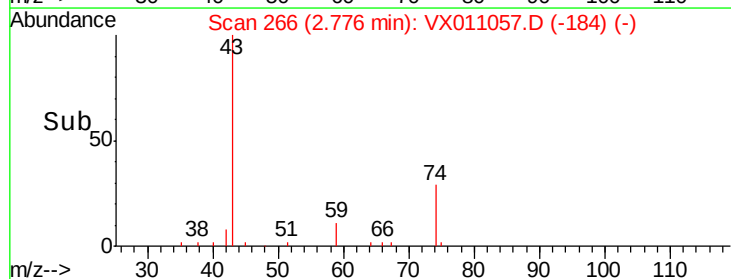
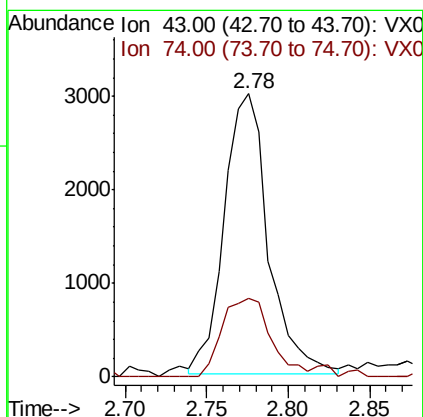
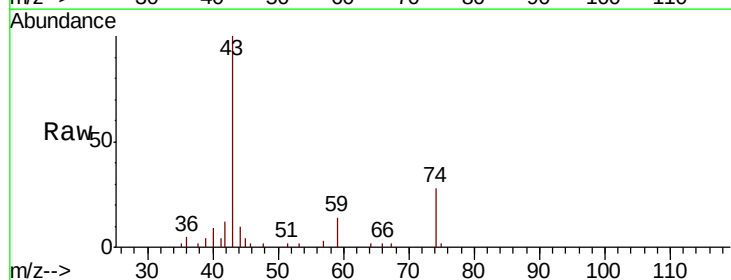
Instrument :
MSVOA_X
ClientSampleId :

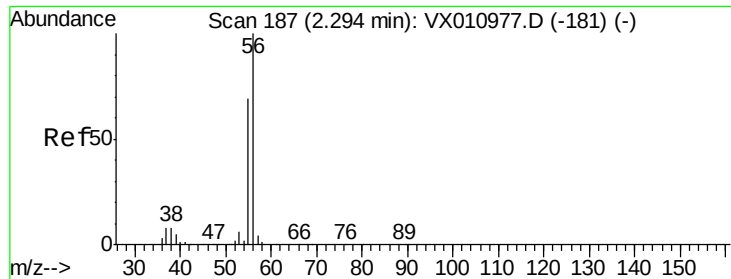
Tot Ion:142 Resp: 4927
Ion Ratio Lower Upper
142 100
127 37.0 20.7 62.1
141 16.2 6.7 20.0



#12
Methyl Acetate
Concen: 2.025 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
74 28.6 19.8 29.6





#13

Acrolein

Concen: 14.193 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

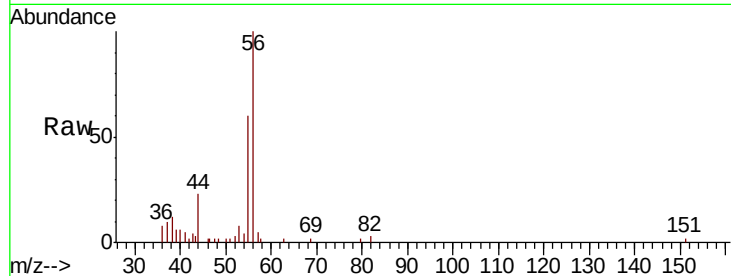
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4756

Ion Ratio Lower Upper

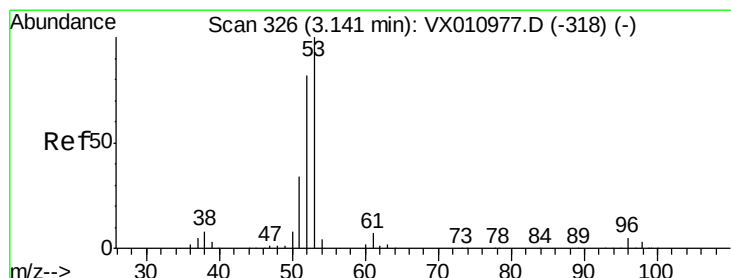
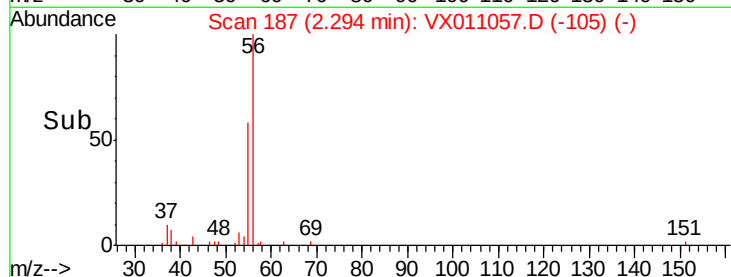
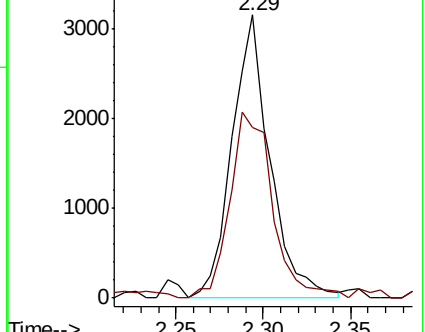
56 100

55 73.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 12.626 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

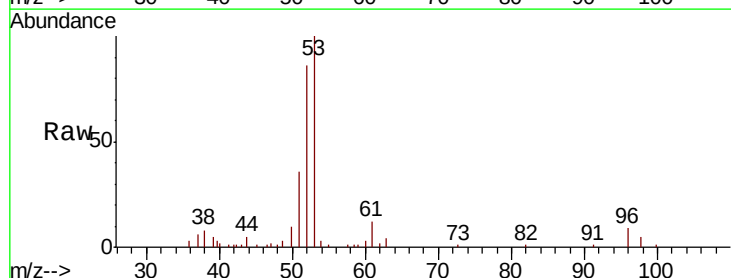
Tgt Ion: 53 Resp: 13810

Ion Ratio Lower Upper

53 100

52 83.3 41.1 123.4

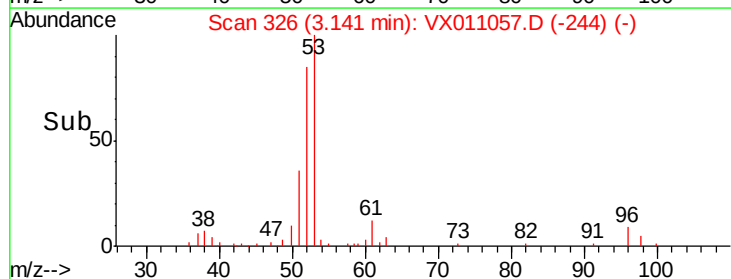
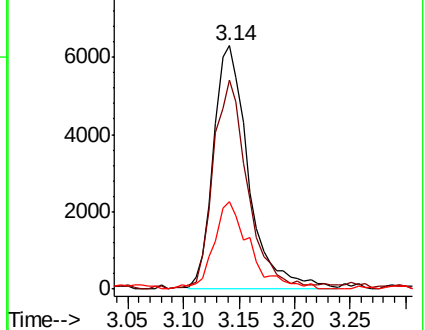
51 33.4 17.8 53.3

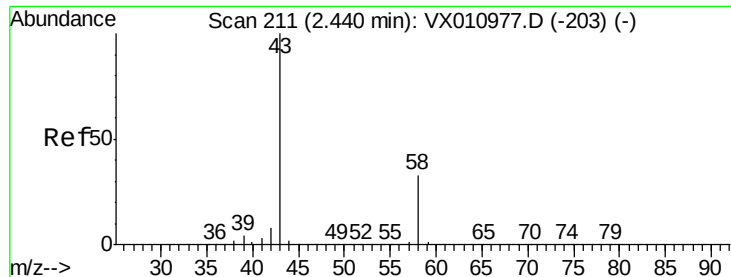


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 15.553 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

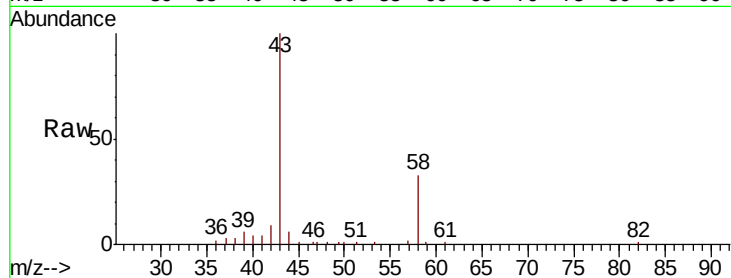
ClientSampled :

Tot Ion: 58 Resp: 4737

Ion Ratio Lower Upper

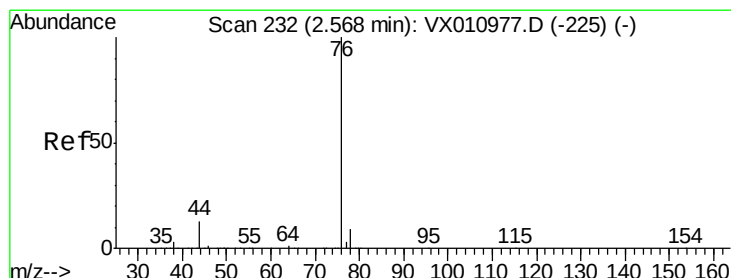
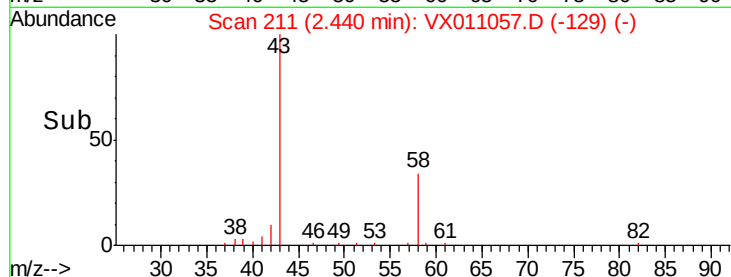
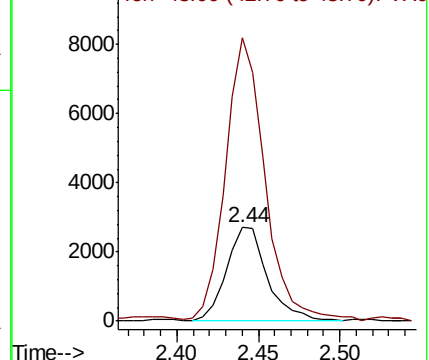
58 100

43 299.0 243.8 365.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.182 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX011057.D

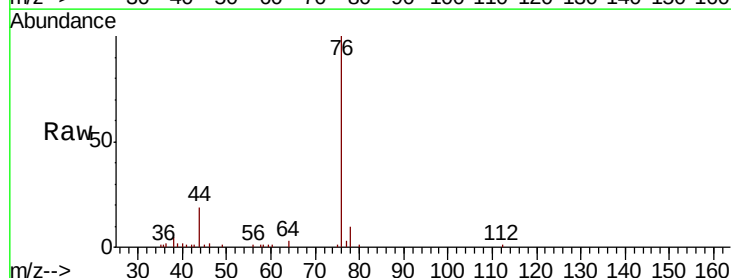
Acq: 24 Jul 2019 13:19

Tgt Ion: 76 Resp: 11156

Ion Ratio Lower Upper

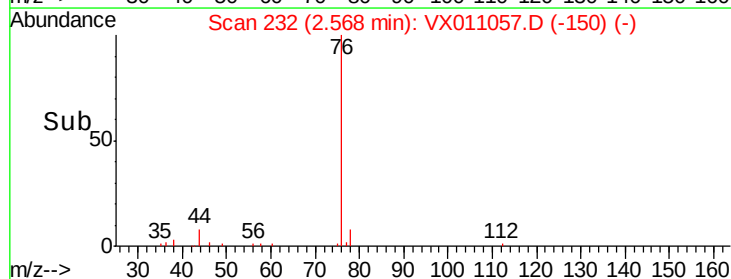
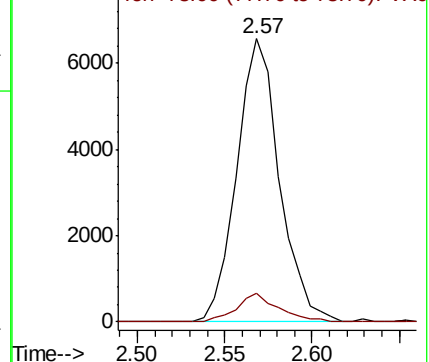
76 100

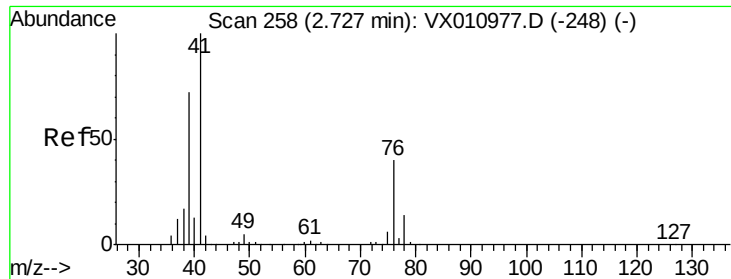
78 10.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

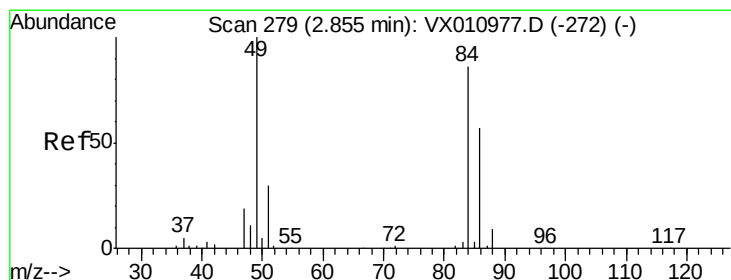
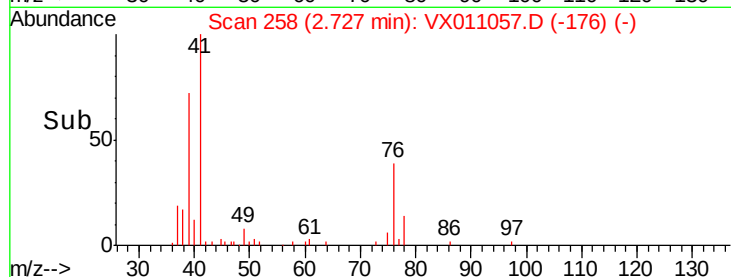
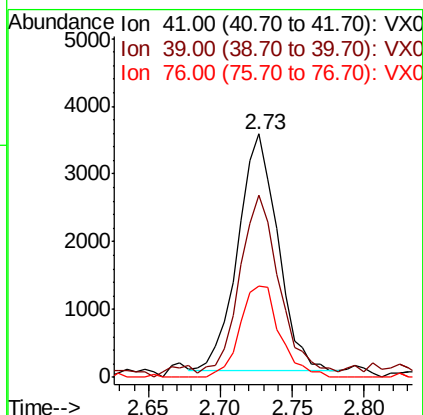
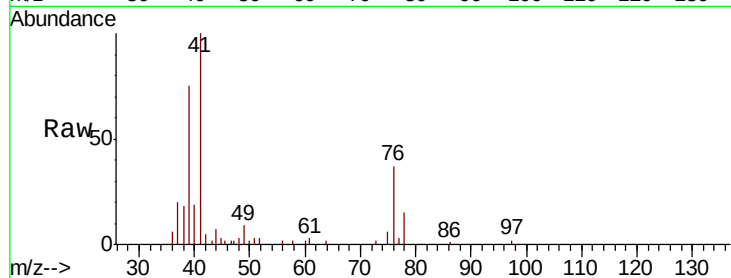




#17
Allvl chloride
Concen: 2.344 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

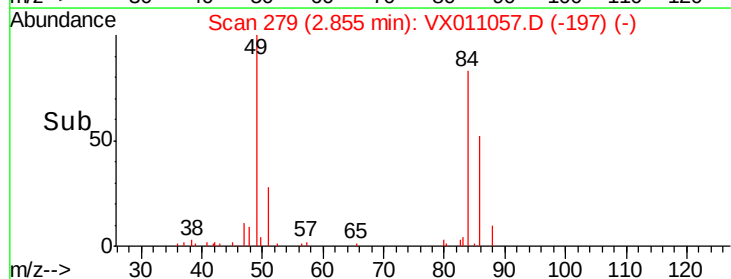
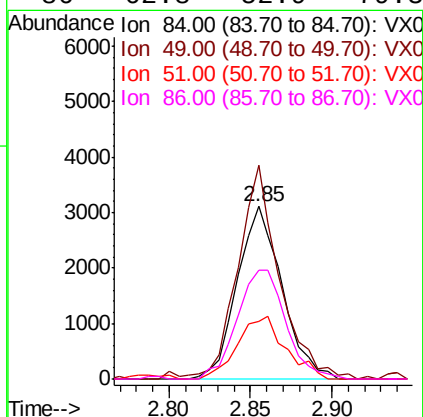
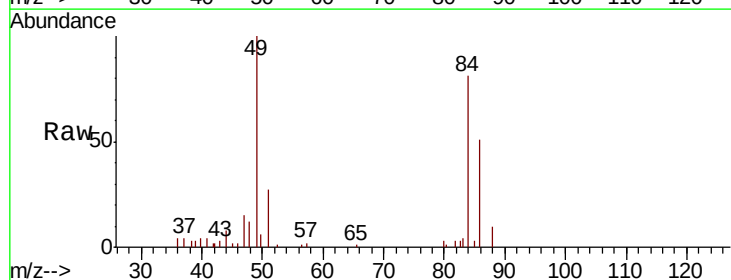
Instrument :
MSVOA_X
ClientSampleId :

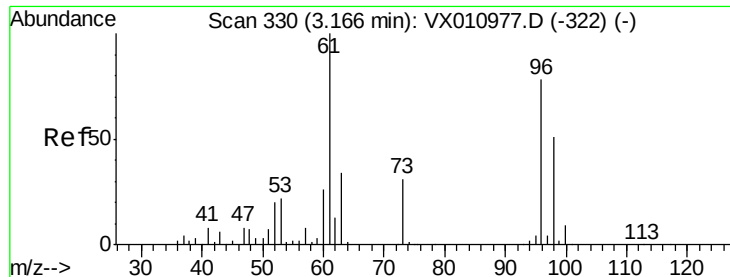
Tot Ion: 41 Resp: 6753
Ion Ratio Lower Upper
41 100
39 74.3 36.1 108.3
76 38.4 20.2 60.5



#18
Methylene Chloride
Concen: 2.681 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 84 Resp: 5941
Ion Ratio Lower Upper
84 100
49 121.6 93.2 139.8
51 33.6 28.6 42.8
86 62.8 52.9 79.3

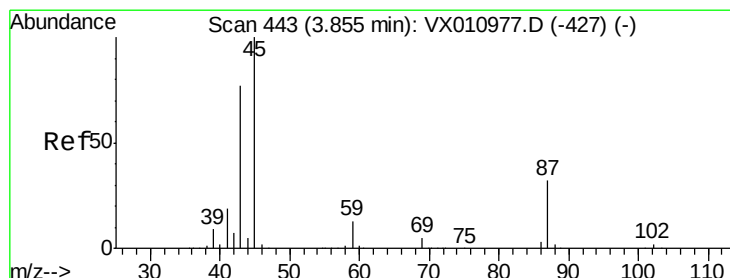
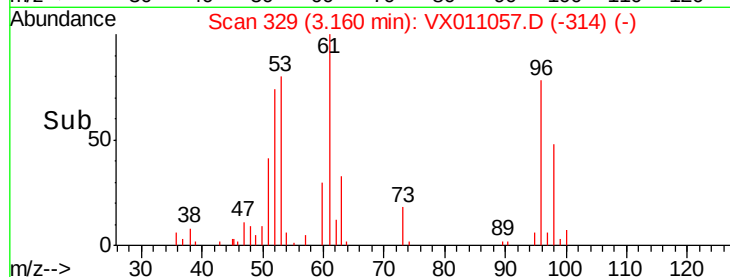
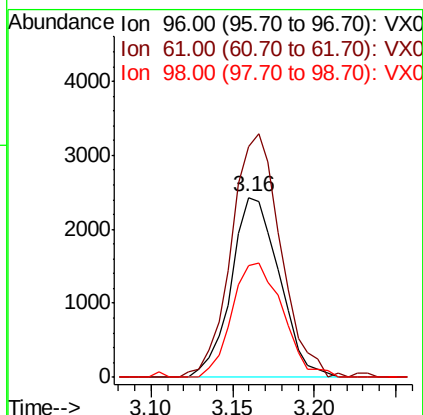
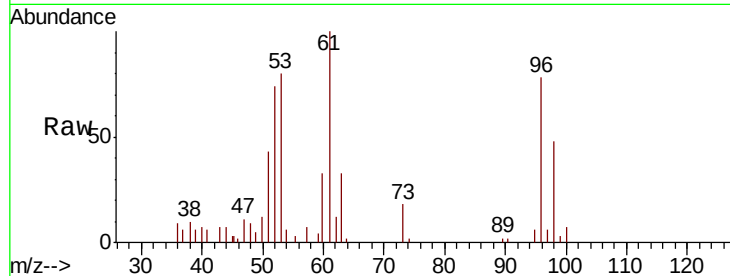




#19
trans-1,2-Dichloroethene
Concen: 2.379 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

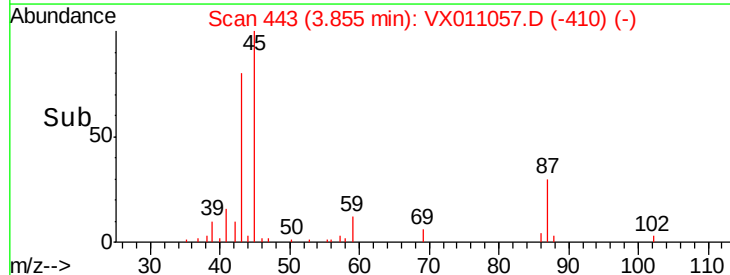
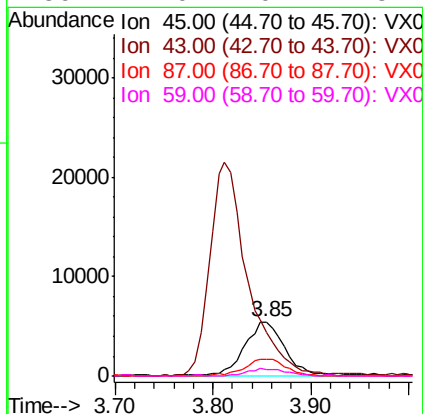
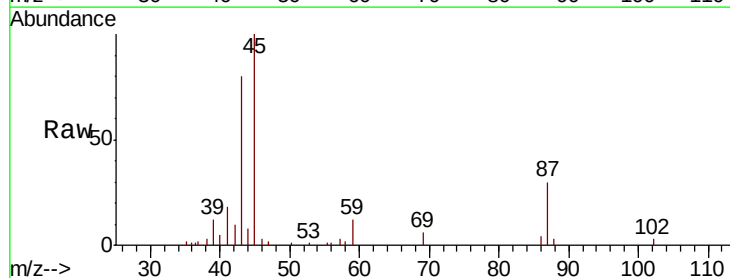
Instrument :
MSVOA_X
ClientSampleId :

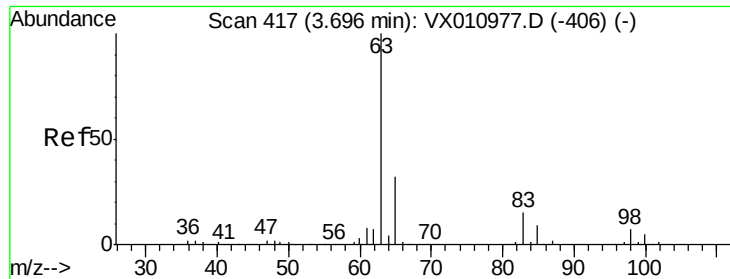
Tot Ion: 96 Resp: 5001
Ion Ratio Lower Upper
96 100
61 126.1 102.2 153.4
98 62.0 52.2 78.2



#20
Diisopropyl ether
Concen: 2.556 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 45 Resp: 15543
Ion Ratio Lower Upper
45 100
43 76.5 61.5 92.3
87 30.2 25.4 38.2
59 12.0 10.2 15.2

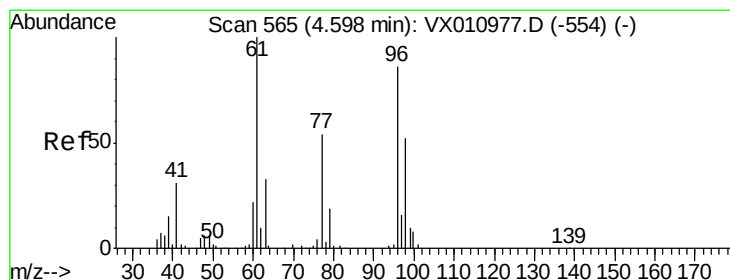
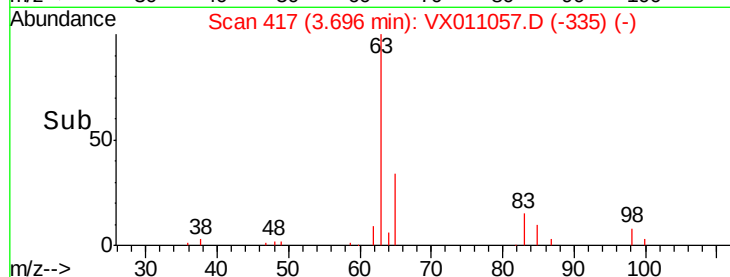
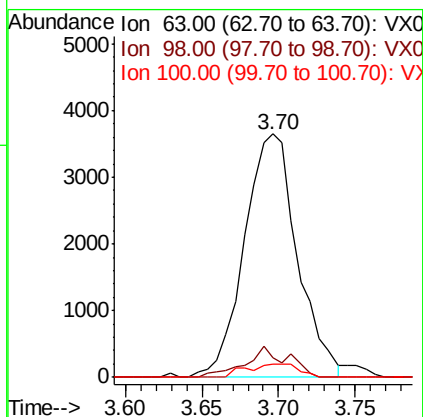
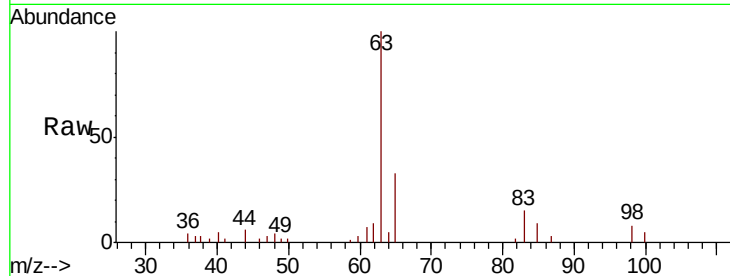




#21
 1,1-Dichloroethane
 Concen: 2.511 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

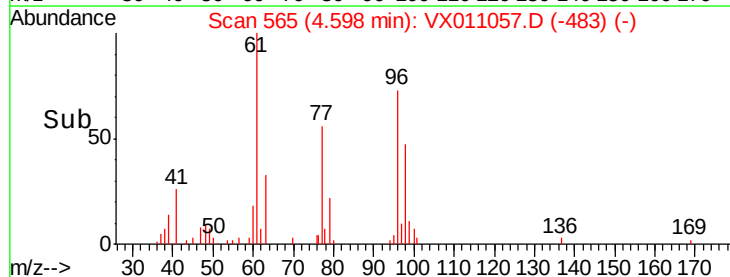
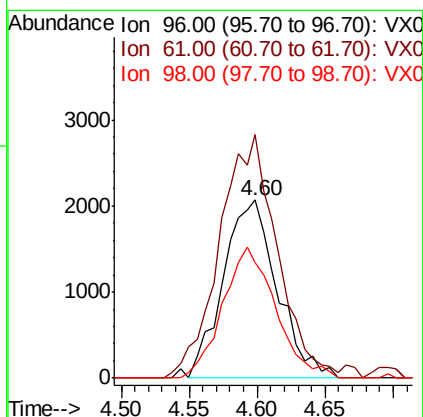
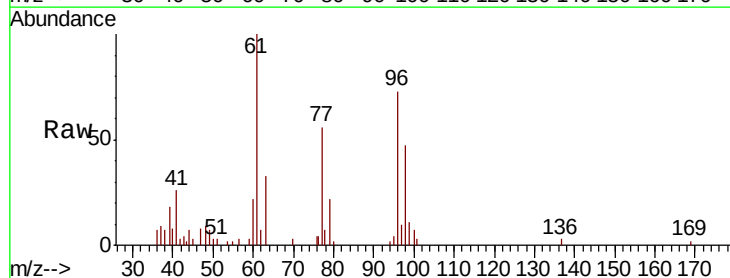
Instrument :
 MSVOA_X
 ClientSampleId :

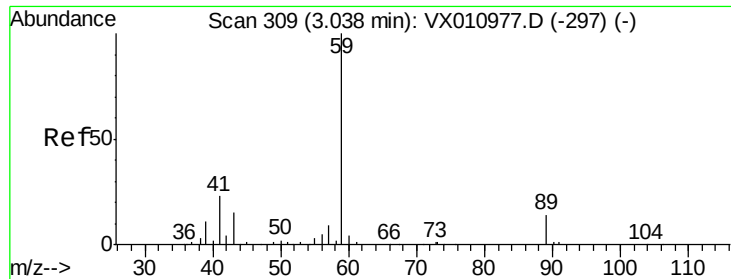
Tot Ion: 63 Resp: 8789
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 5.5 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 2.367 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 96 Resp: 5723
 Ion Ratio Lower Upper
 96 100
 61 145.7 102.9 154.3
 98 72.2 50.9 76.3



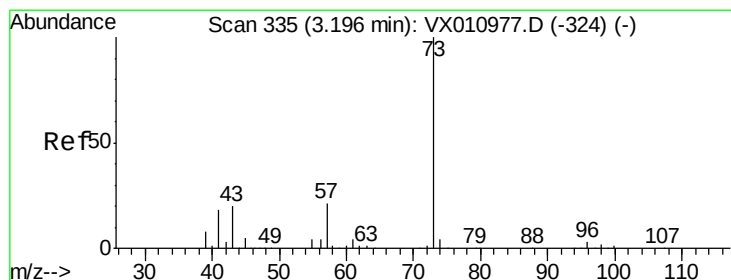
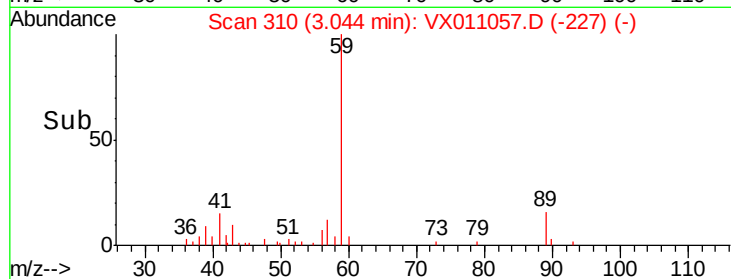
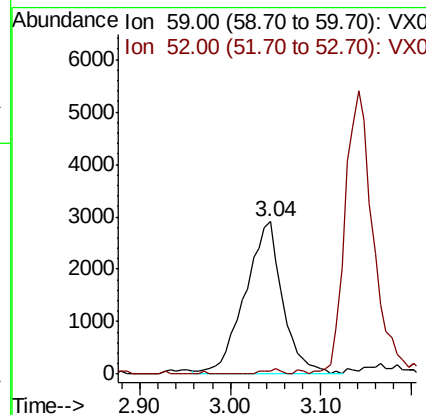
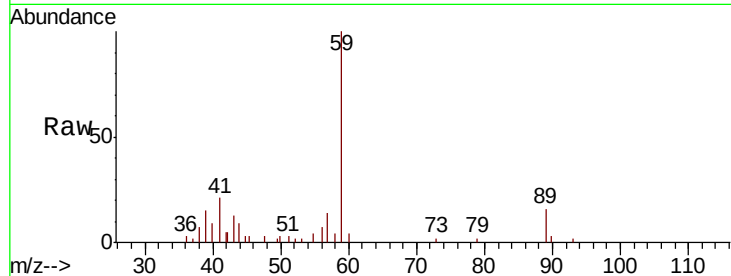


#23

tert-Butyl Alcohol
 Concen: 14.686 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampled :

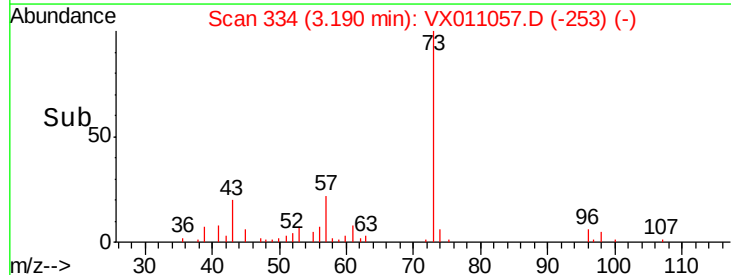
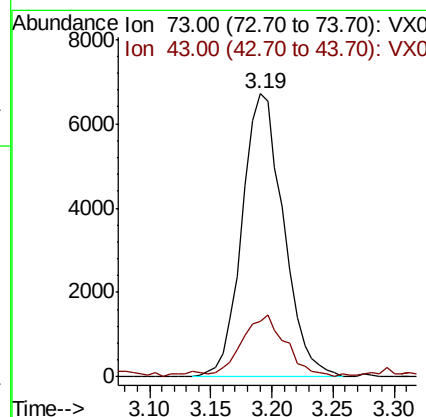
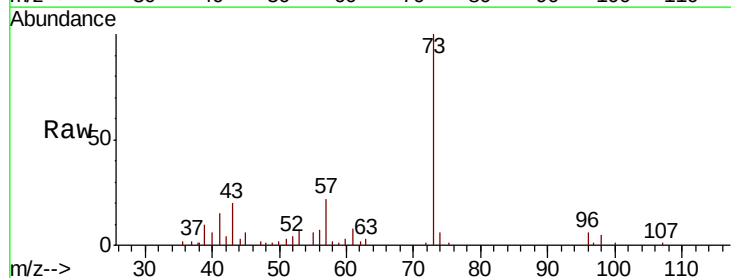
Tot Ion: 59 Resp: 8387
 Ion Ratio Lower Upper
 59 100
 52 1.0 0.2 0.4#

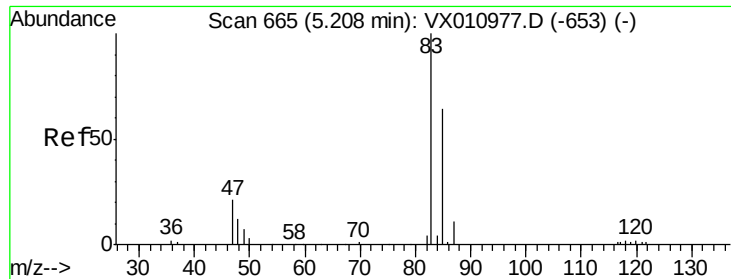


#24

Methyl tert-Butyl Ether
 Concen: 2.481 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 73 Resp: 15848
 Ion Ratio Lower Upper
 73 100
 43 23.1 15.8 23.6

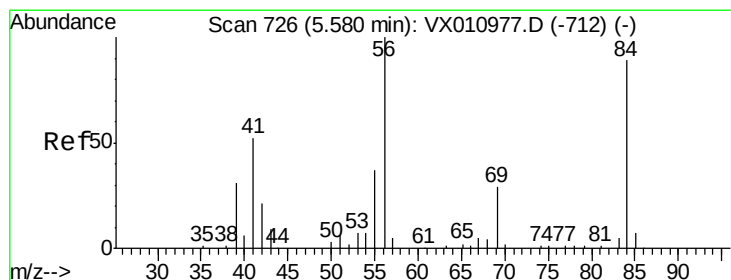
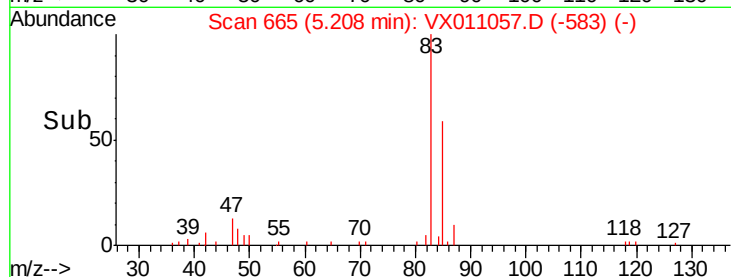
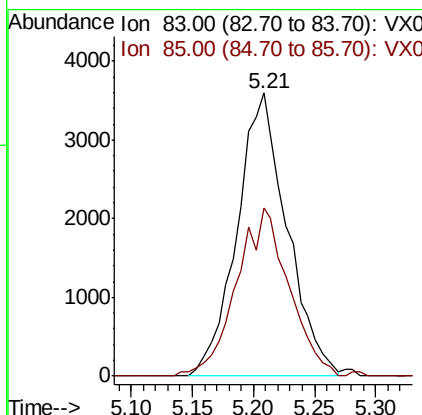
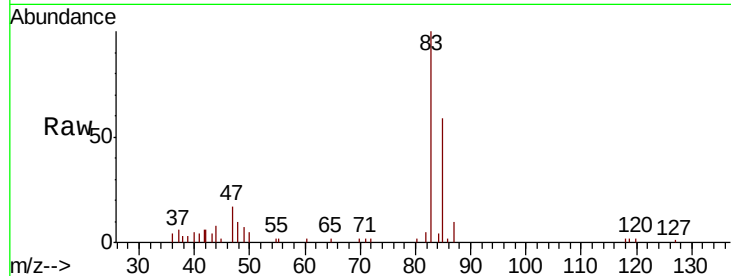




#25
Chloroform
Concen: 2.673 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

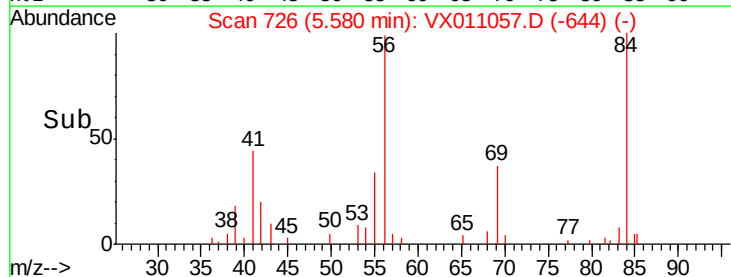
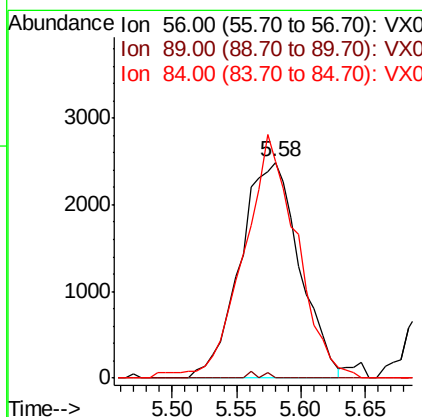
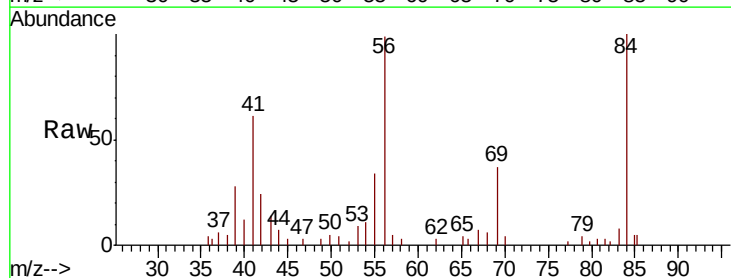
Instrument :
MSVOA_X
ClientSampleId :

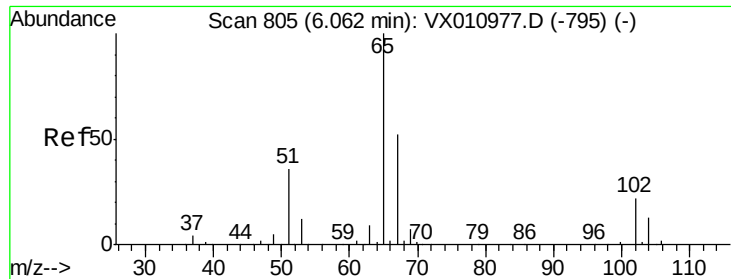
Tot Ion: 83 Resp: 10244
Ion Ratio Lower Upper
83 100
85 59.2 50.9 76.3



#26
Cyclohexane
Concen: 2.477 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 56 Resp: 7933
Ion Ratio Lower Upper
56 100
89 0.3 0.0 0.0#
84 99.7 73.0 109.4

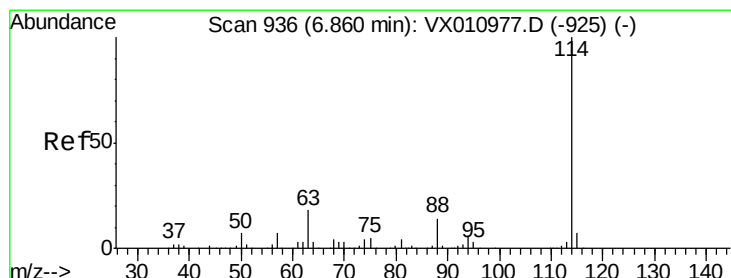
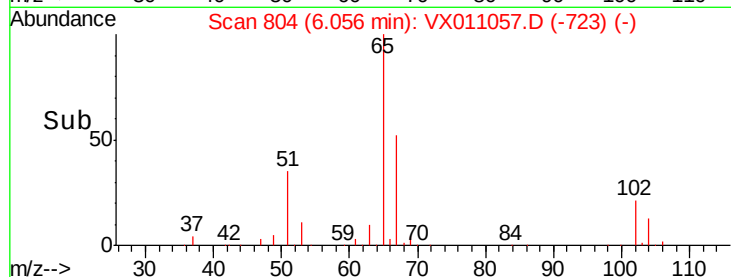
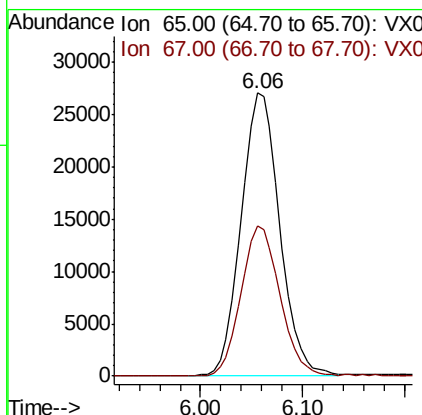
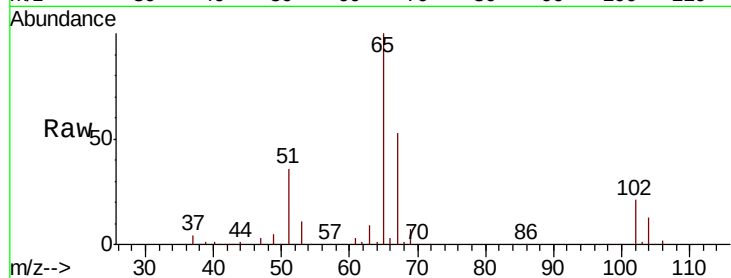




#27
 1,2-Dichloroethane-d4
 Concen: 29.568 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

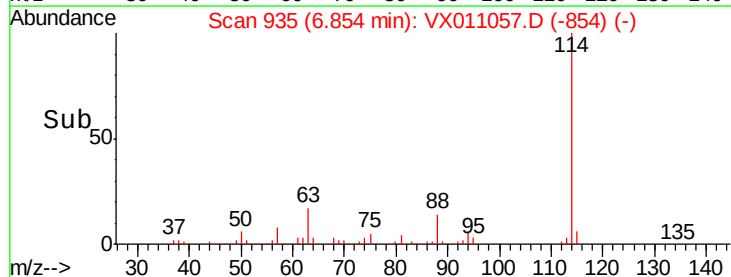
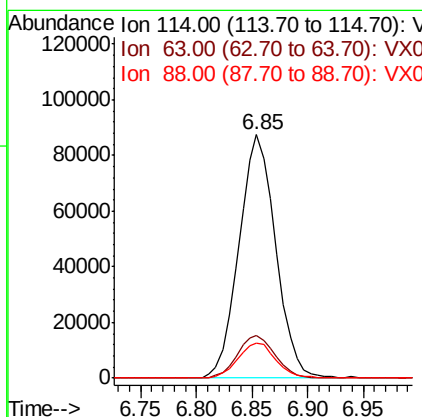
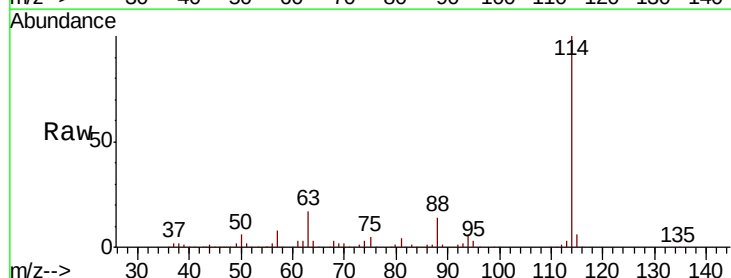
Instrument :
 MSVOA_X
 ClientSampled :

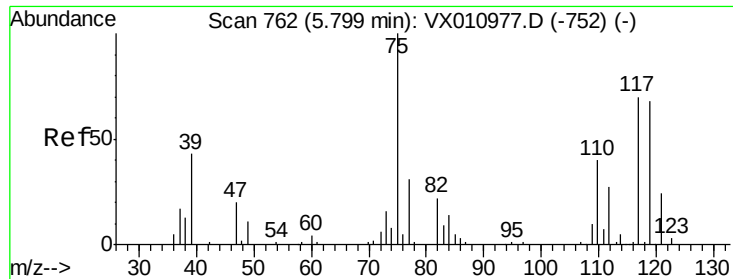
Tot Ion: 65 Resp: 71320
 Ion Ratio Lower Upper
 65 100
 67 53.6 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 114 Resp: 200200
 Ion Ratio Lower Upper
 114 100
 63 18.0 14.6 22.0
 88 14.9 11.8 17.8

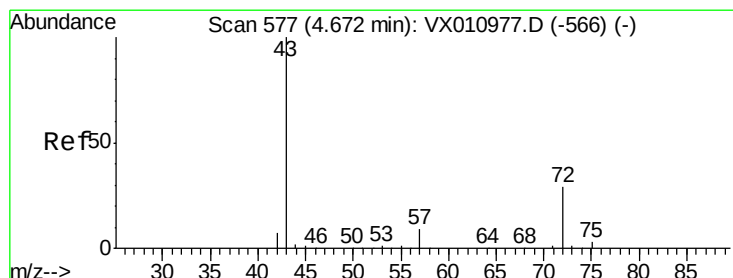
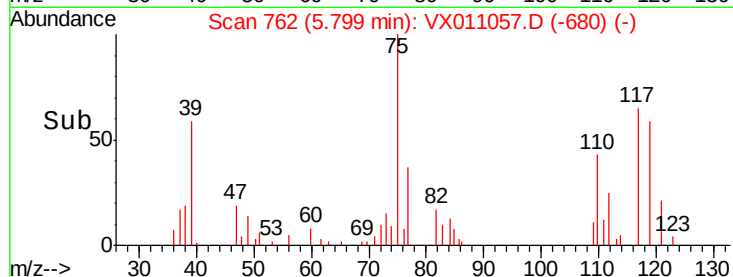
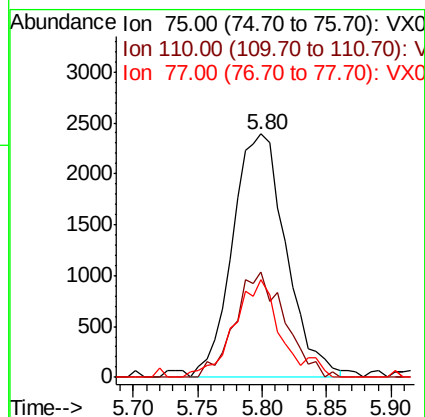
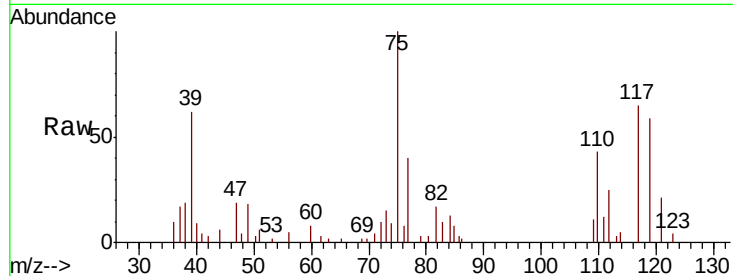




#29
 1,1-Dichloropropene
 Concen: 2.449 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

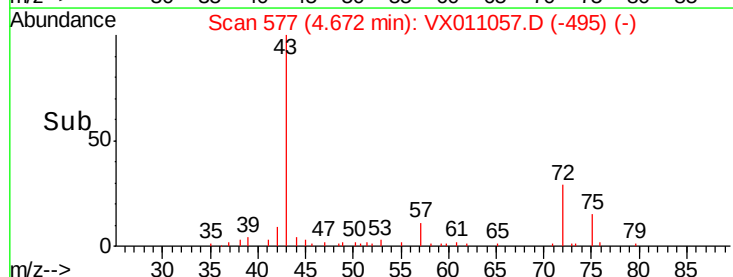
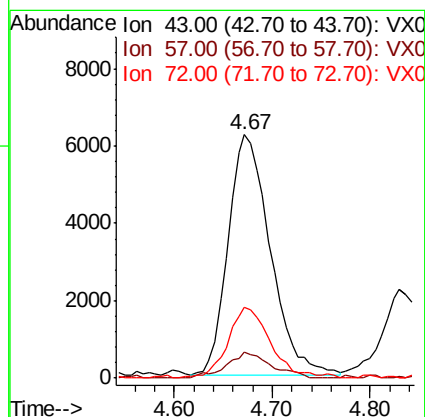
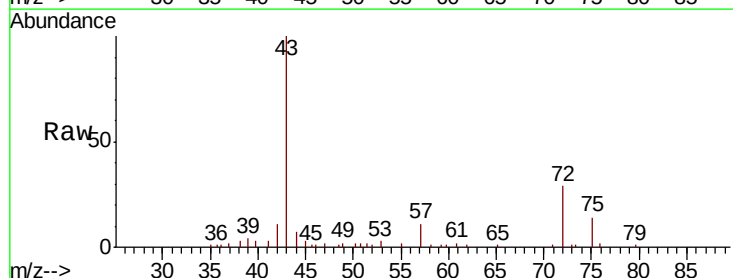
Instrument :
 MSVOA_X
 ClientSampleId :

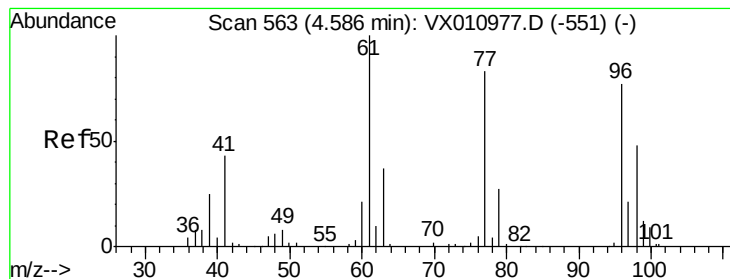
Tot Ion: 75 Resp: 6895
 Ion Ratio Lower Upper
 75 100
 110 40.1 0.0 79.8
 77 32.6 0.0 62.2



#30
 2-Butanone
 Concen: 12.333 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 43 Resp: 18743
 Ion Ratio Lower Upper
 43 100
 57 10.5 6.8 10.2#
 72 28.7 23.2 34.8





#31

2,2-Dichloropropane

Concen: 2.931 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

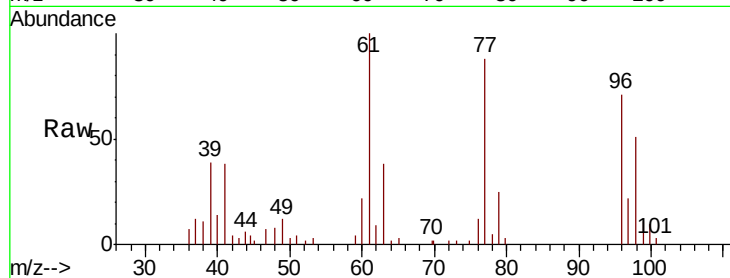
ClientSampled :

Tot Ion: 77 Resp: 7202

Ion Ratio Lower Upper

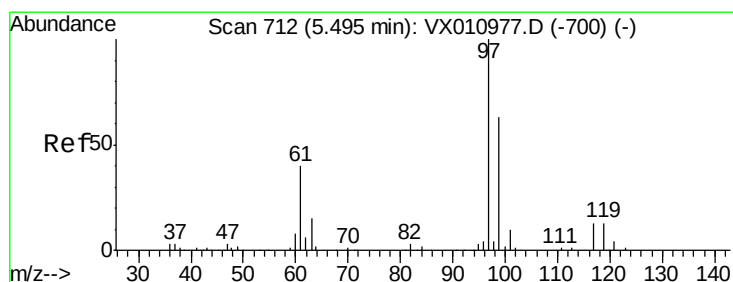
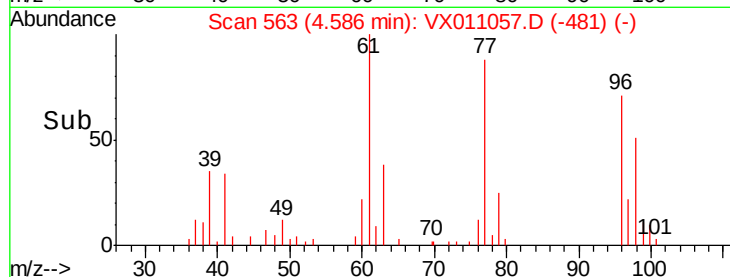
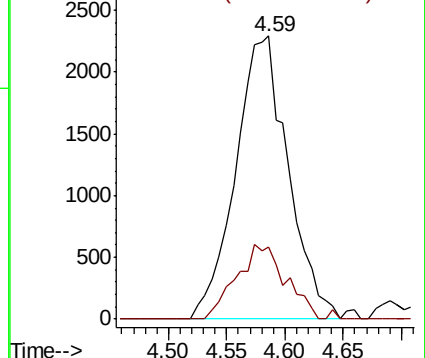
77 100

97 24.5 20.9 31.3



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 2.189 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

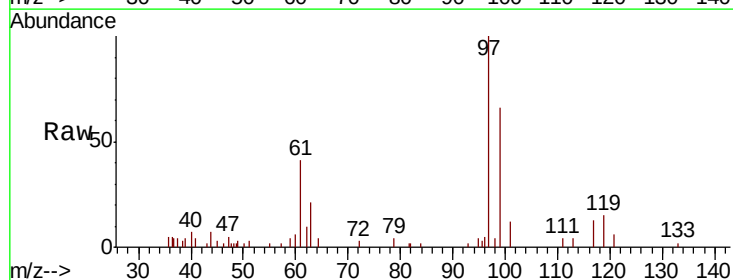
Tgt Ion: 97 Resp: 7432

Ion Ratio Lower Upper

97 100

99 68.2 51.0 76.6

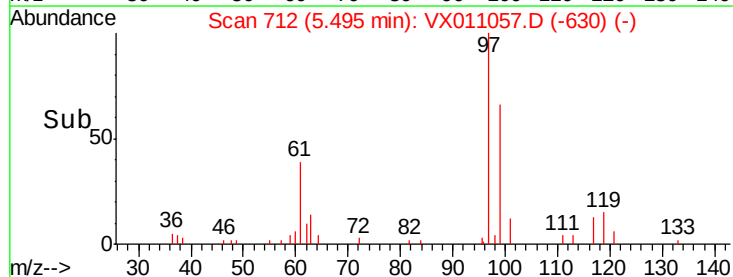
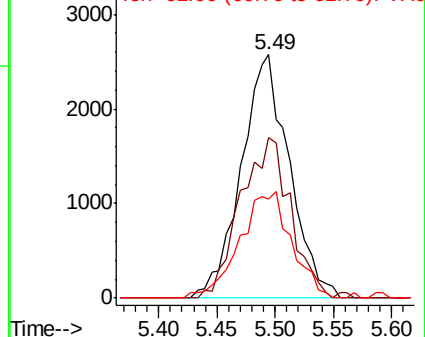
61 25.1 34.3 51.5#

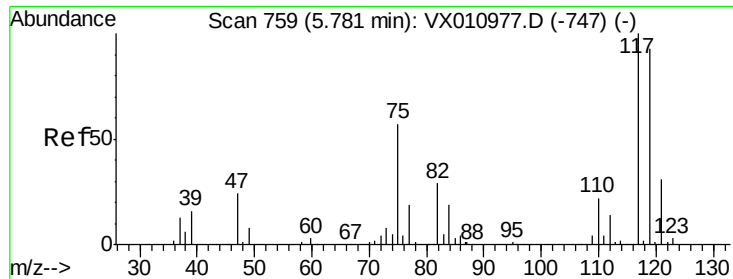


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

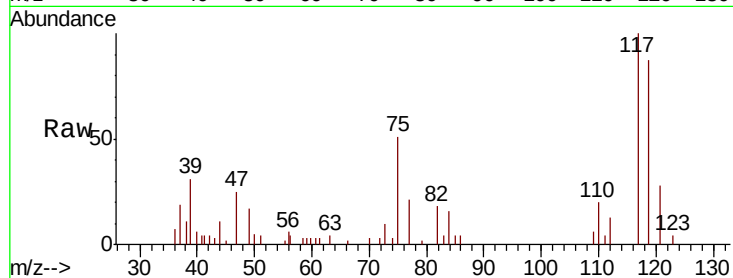




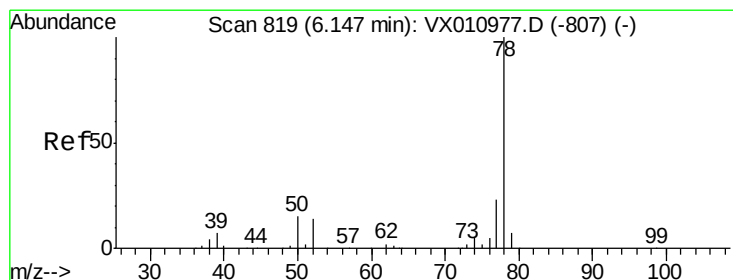
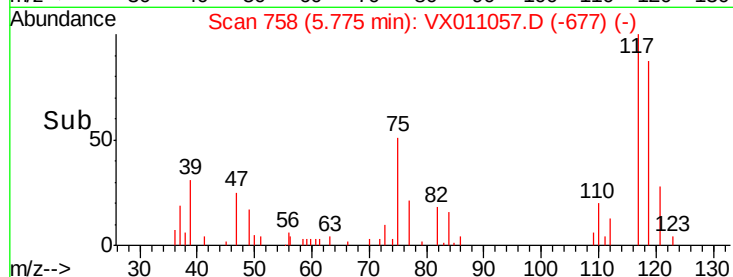
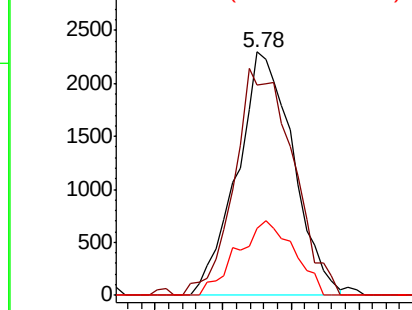
#33
Carbon Tetrachloride
Concen: 2.231 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 6587
Ion Ratio Lower Upper
117 100
119 86.5 74.3 111.5
121 27.5 24.9 37.3

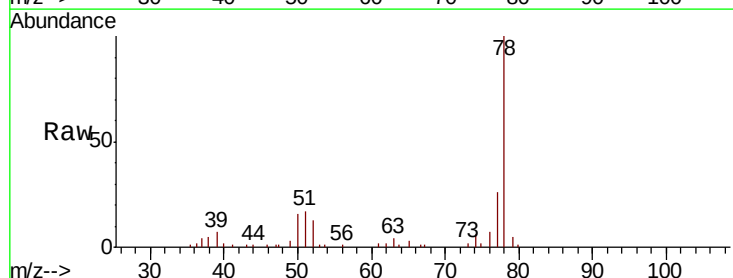


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

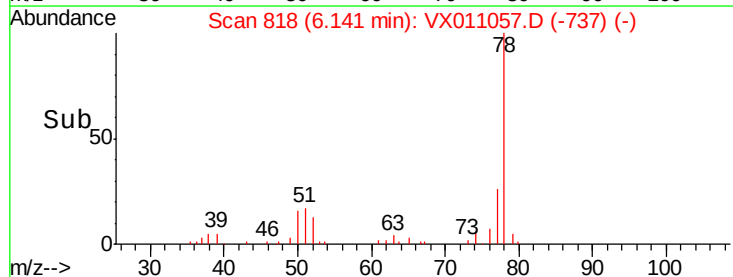
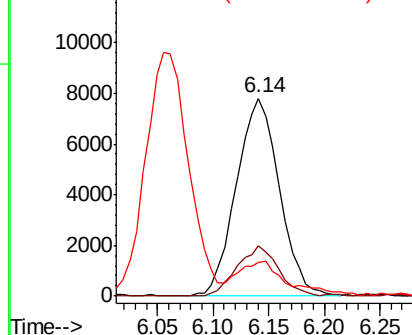


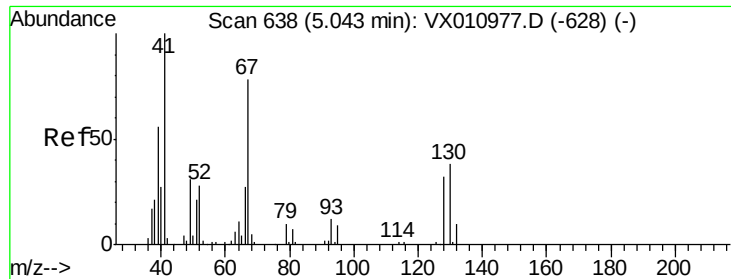
#34
Benzene
Concen: 2.490 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 78 Resp: 21033
Ion Ratio Lower Upper
78 100
77 25.6 18.2 27.4
51 14.4 11.4 17.2



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

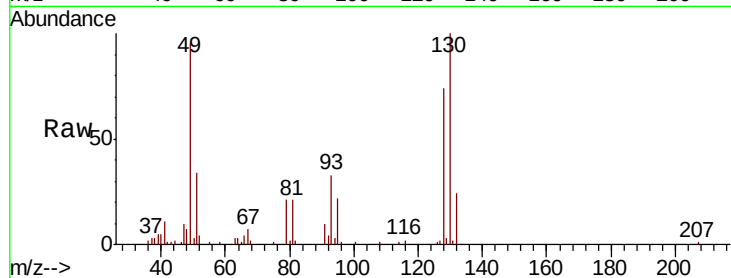




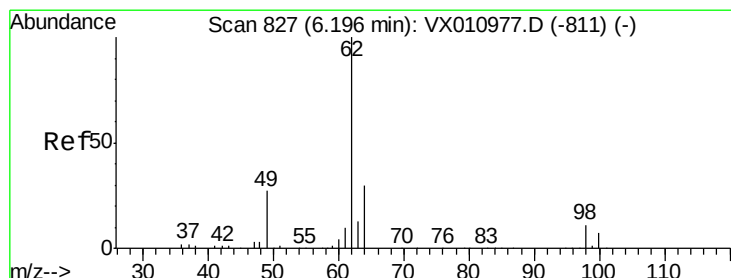
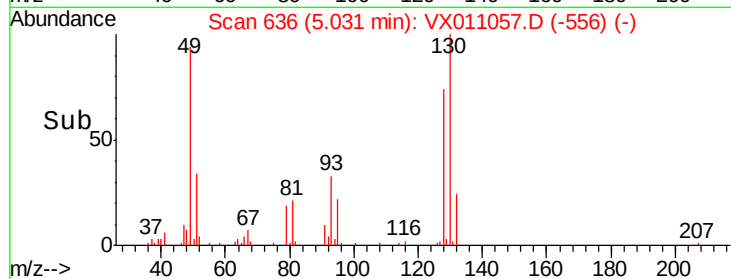
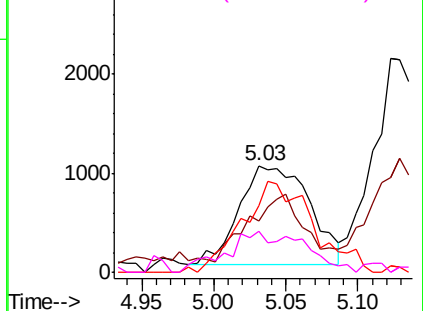
#35
Methacrylonitrile
Concen: 2.165 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	3425
Ion	Ratio	Lower	Upper
41	100		
39	40.6	27.6	82.8
67	61.5	39.1	117.2
52	35.2	14.0	42.0

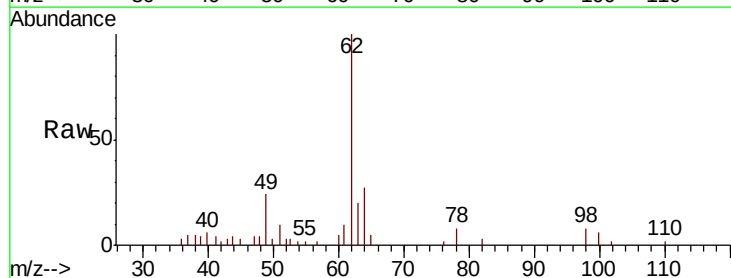


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

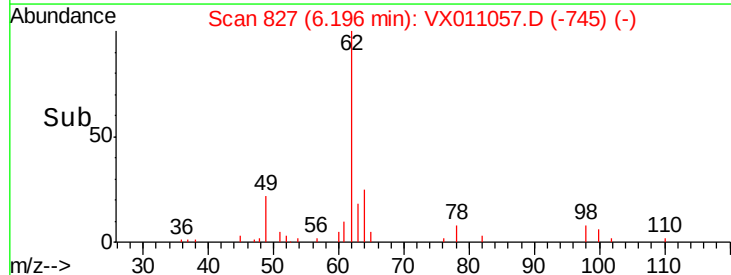
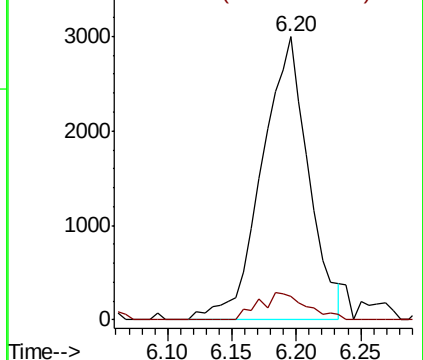


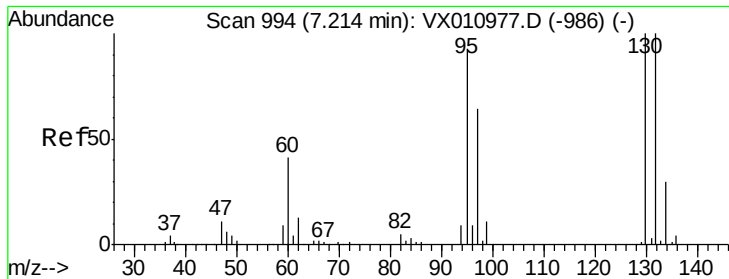
#36
1,2-Dichloroethane
Concen: 2.486 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion:	62	Resp:	7507
Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.0	12.0



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

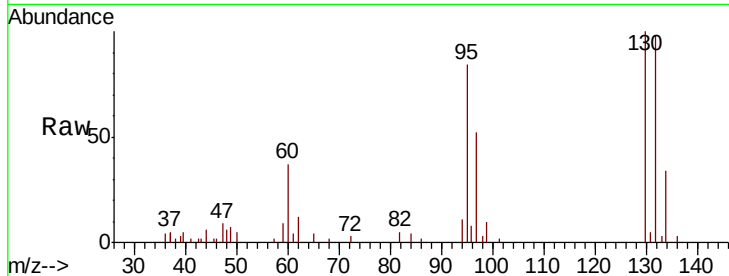




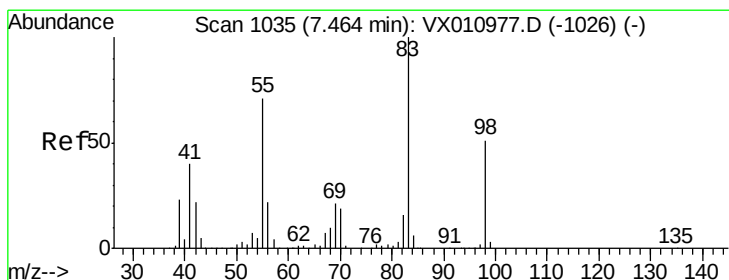
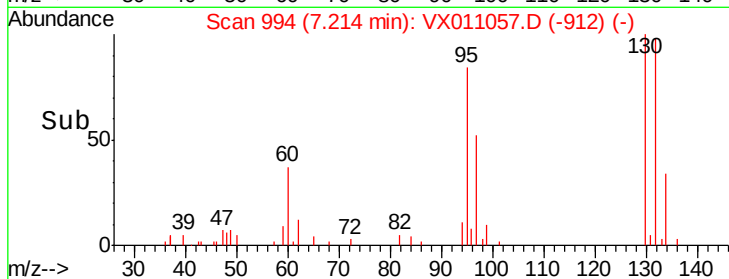
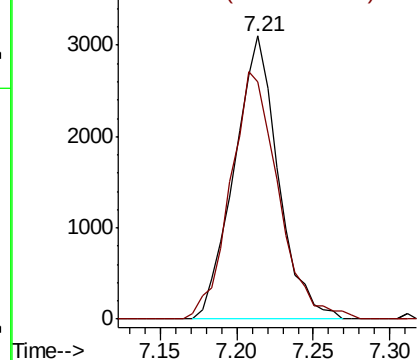
#37
 Trichloroethene
 Concen: 2.510 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 6205
 Ion Ratio Lower Upper
 130 100
 95 81.7 74.1 111.1

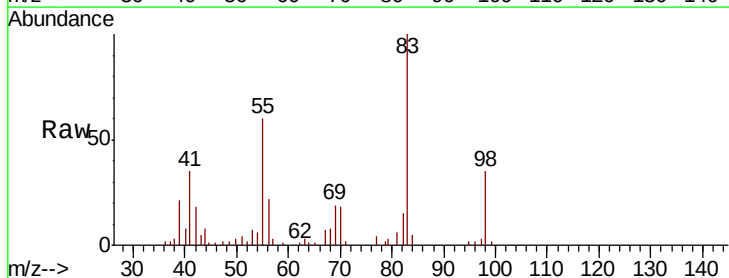


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

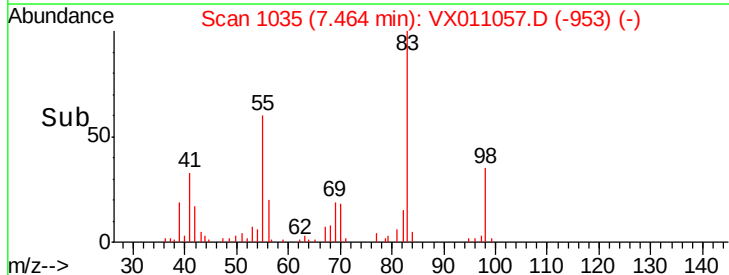
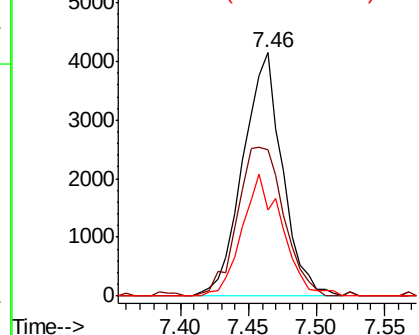


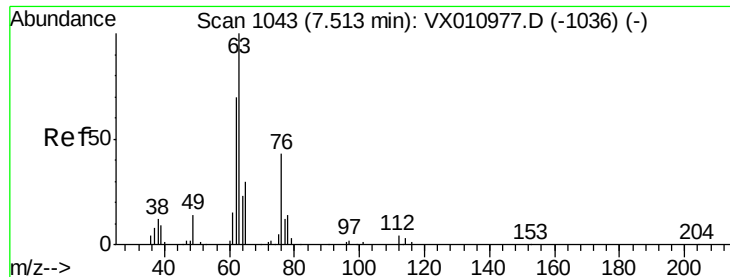
#38
 Methylcyclohexane
 Concen: 2.378 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 83 Resp: 8450
 Ion Ratio Lower Upper
 83 100
 55 71.9 35.3 105.9
 98 51.0 24.0 72.0



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





#39

1,2-Dichloropropane

Concen: 2.584 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

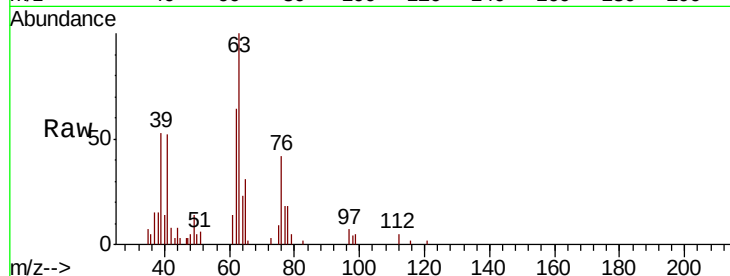
ClientSampled :

Tot Ion: 63 Resp: 5454

Ion Ratio Lower Upper

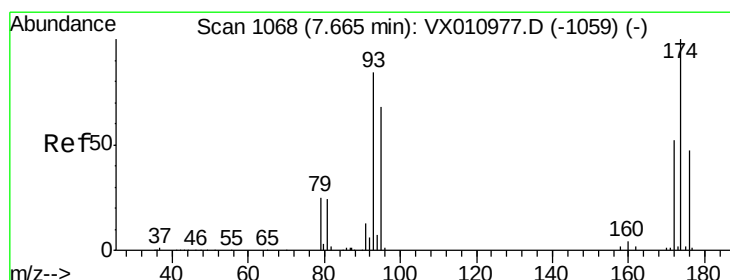
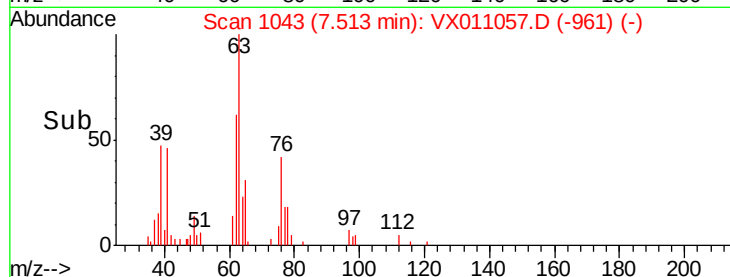
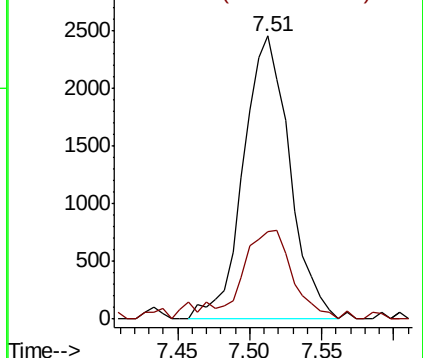
63 100

65 31.1 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 2.596 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

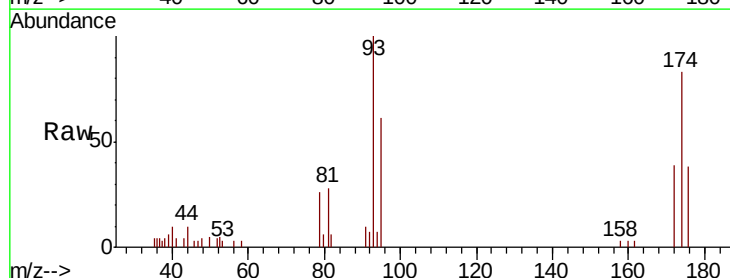
Tgt Ion: 93 Resp: 4031

Ion Ratio Lower Upper

93 100

95 77.4 0.0 166.0

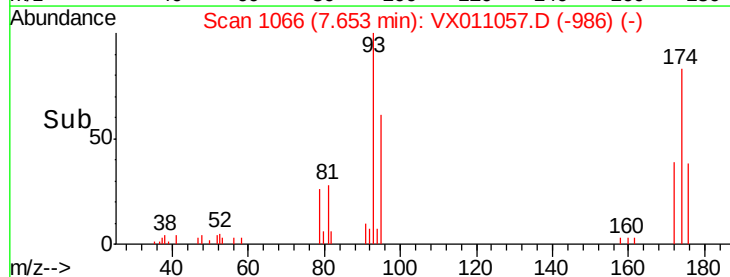
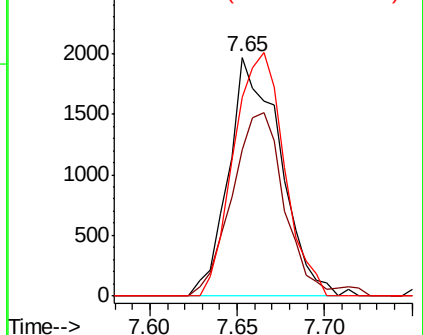
174 100.1 0.0 229.2

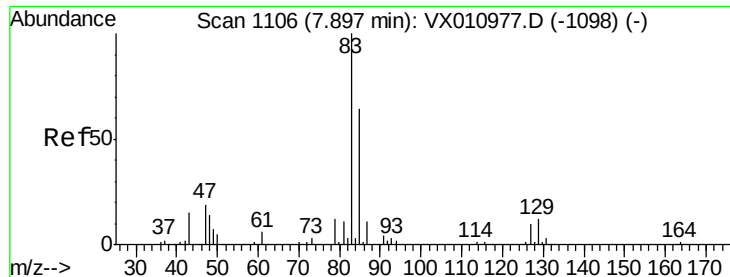


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 2.182 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

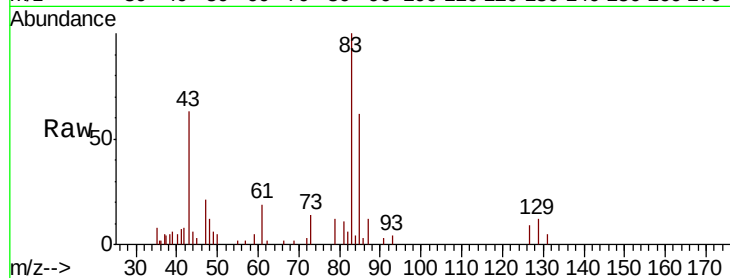
Tot Ion: 83 Resp: 6166

Ion Ratio Lower Upper

83 100

85 62.0 50.9 76.3

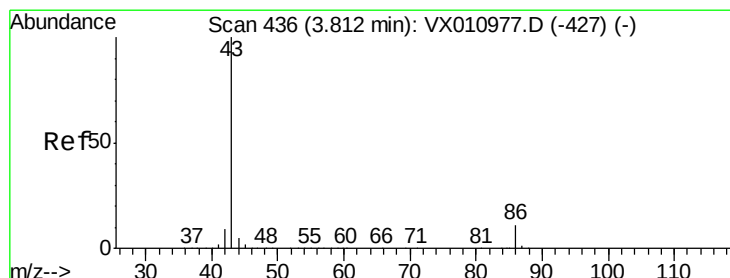
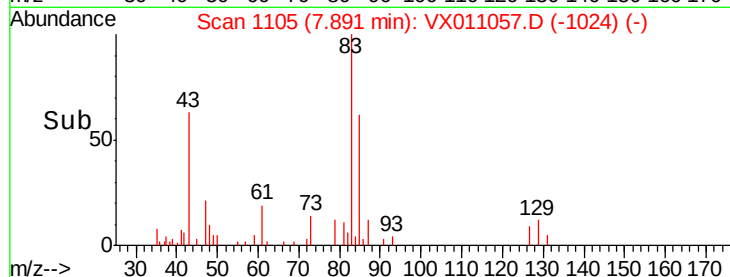
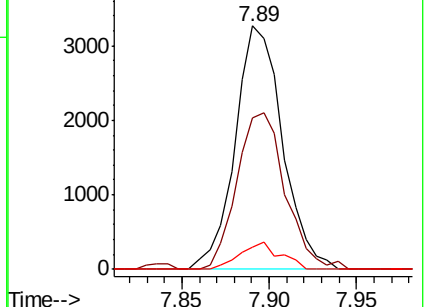
127 9.0 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): VX0



#42

Vinyl Acetate

Concen: 11.552 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX011057.D

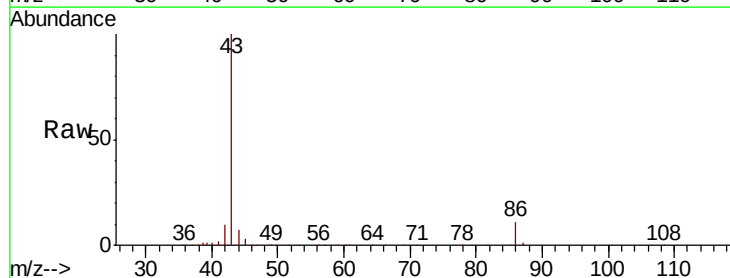
Acq: 24 Jul 2019 13:19

Tgt Ion: 43 Resp: 57843

Ion Ratio Lower Upper

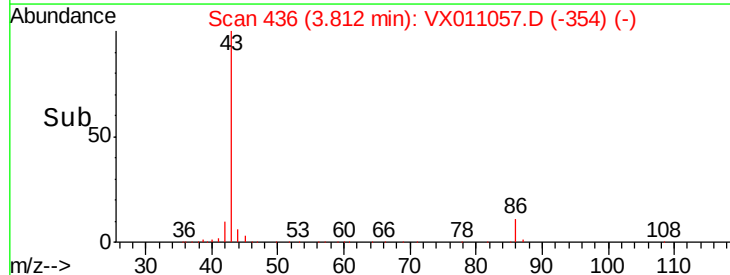
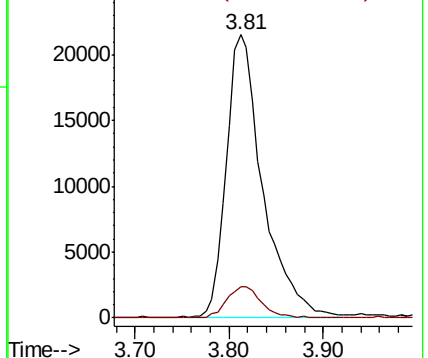
43 100

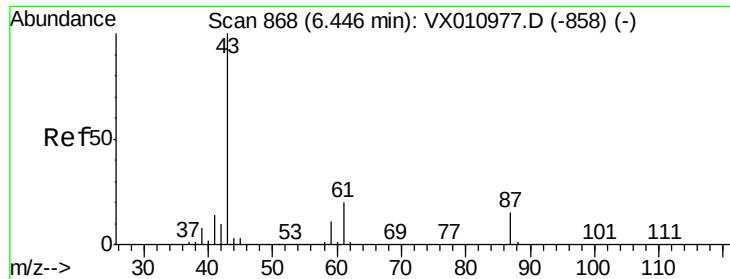
86 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#44

Isopropyl Acetate

Concen: 2.246 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

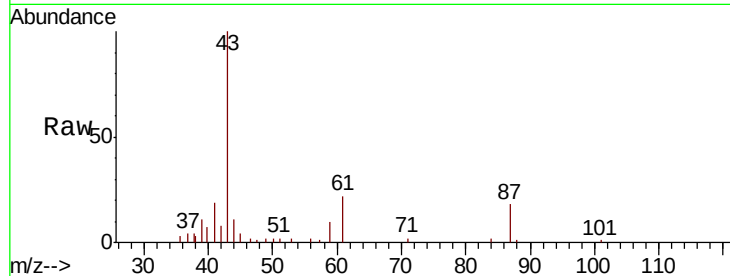
ClientSampleId :

Tot Ion: 43 Resp: 10672

Ion Ratio Lower Upper

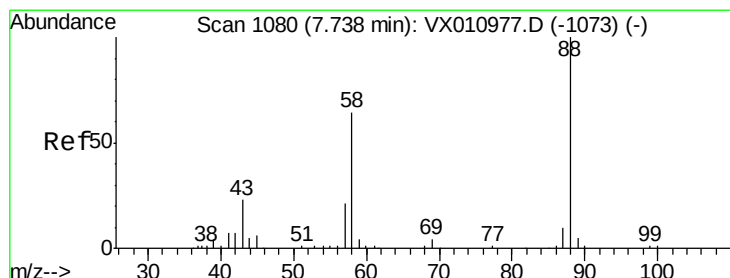
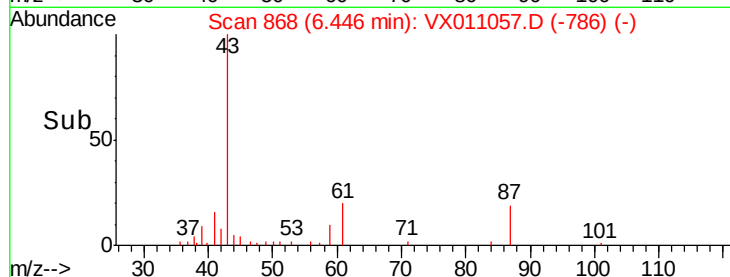
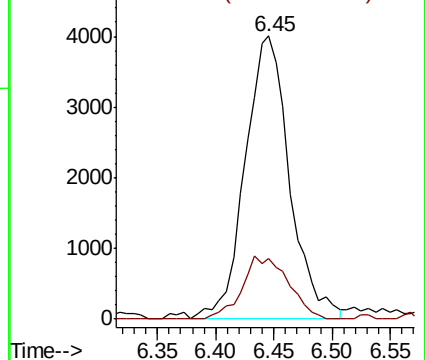
43 100

61 23.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#45

1,4-Dioxane

Concen: 50.336 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

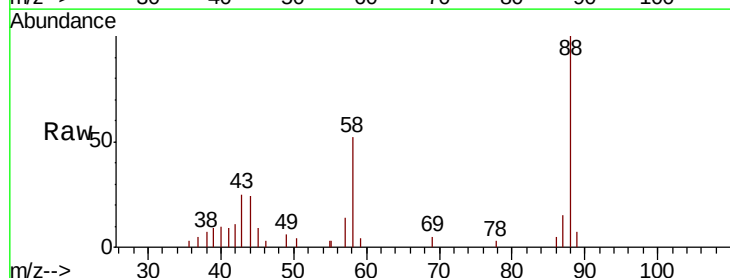
Tgt Ion: 88 Resp: 3113

Ion Ratio Lower Upper

88 100

43 22.9 21.6 32.4

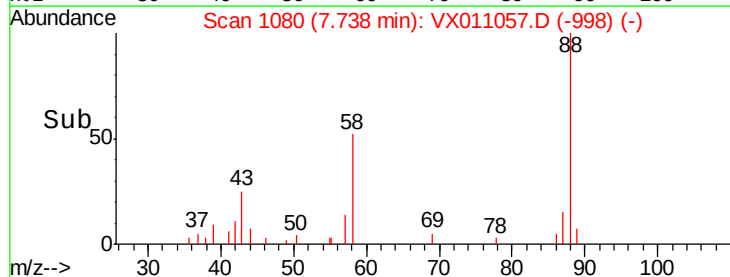
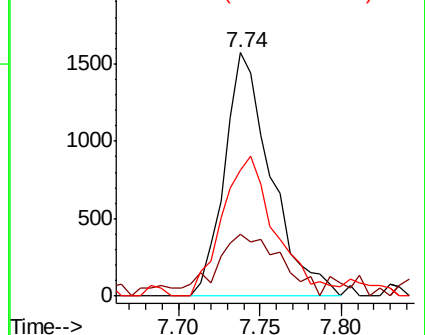
58 63.5 52.2 78.2

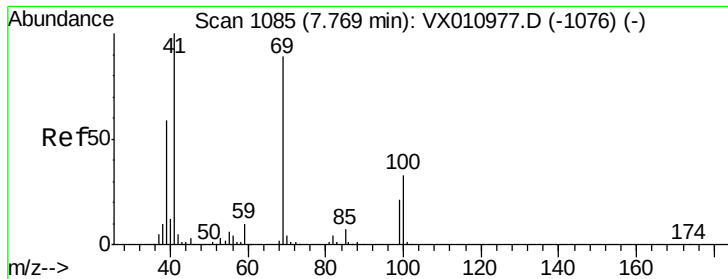


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

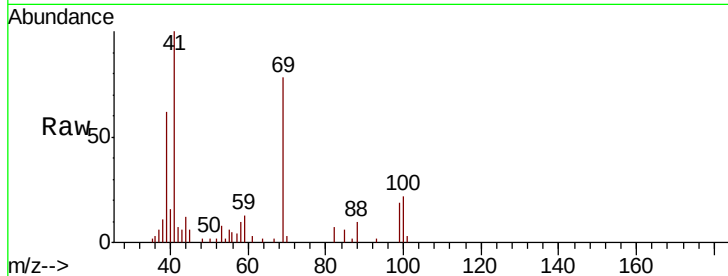




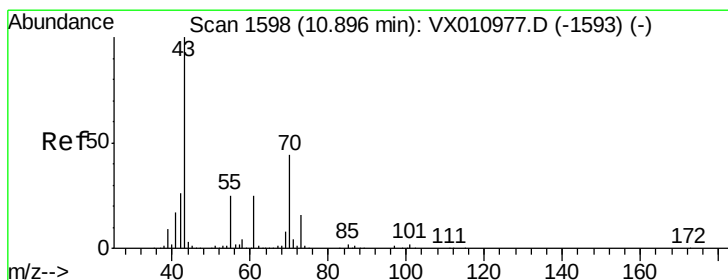
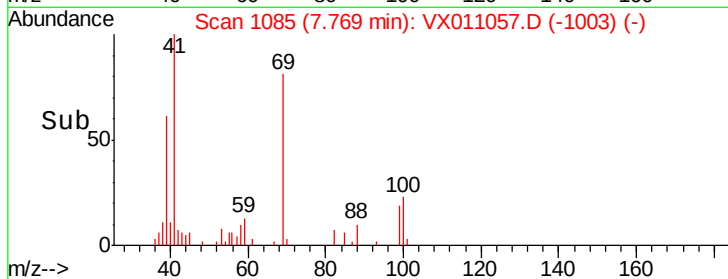
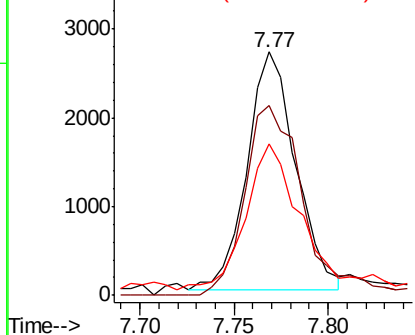
#46
Methvl methacrylate
Concen: 2.081 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 4799
Ion Ratio Lower Upper
41 100
69 79.9 44.7 134.1
39 59.6 29.4 88.2

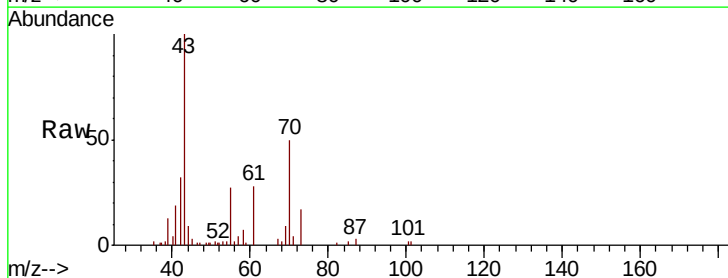


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

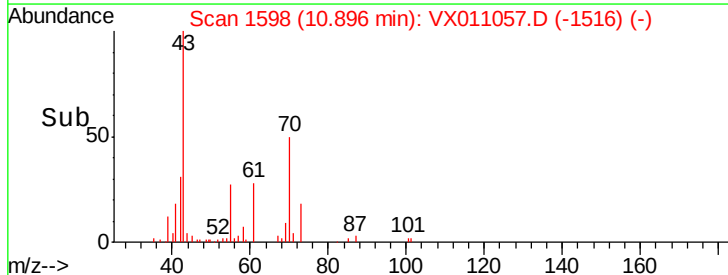
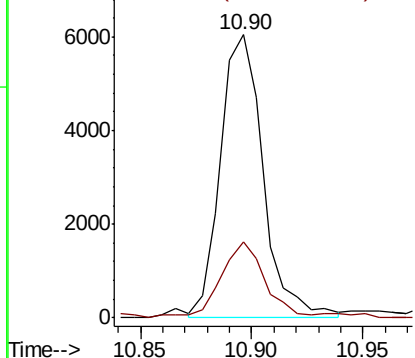


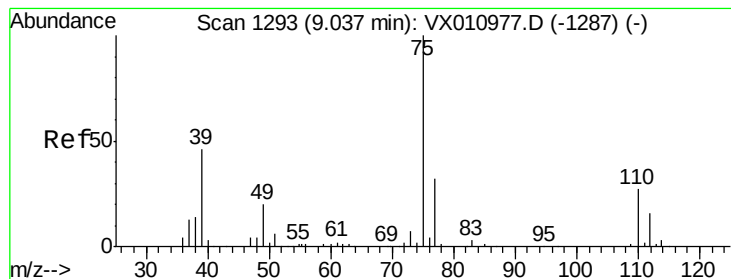
#47
n-amyI Acetate
Concen: 1.894 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 43 Resp: 8070
Ion Ratio Lower Upper
43 100
55 25.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#48

t-1,3-Dichloropropene

Concen: 1.987 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

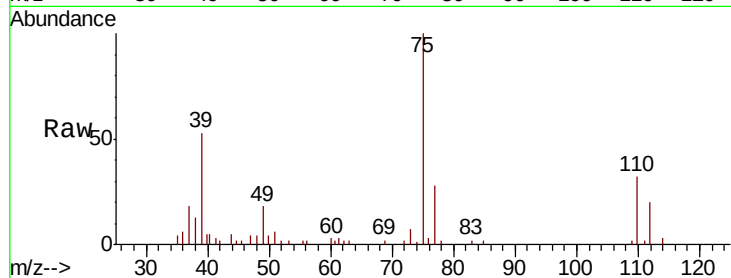
ClientSampleId :

Tot Ion: 75 Resp: 5918

Ion Ratio Lower Upper

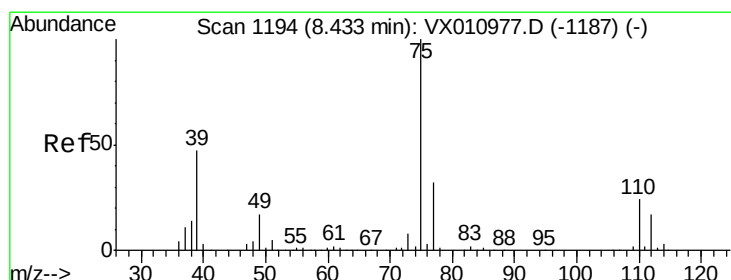
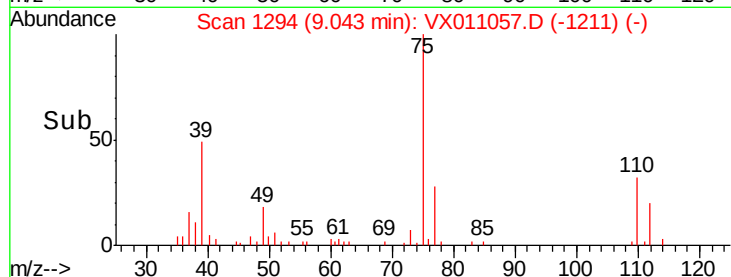
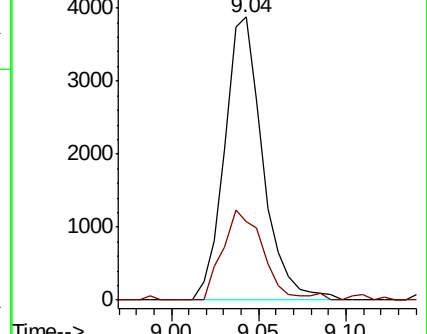
75 100

77 27.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

cis-1,3-Dichloropropene

Concen: 2.094 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

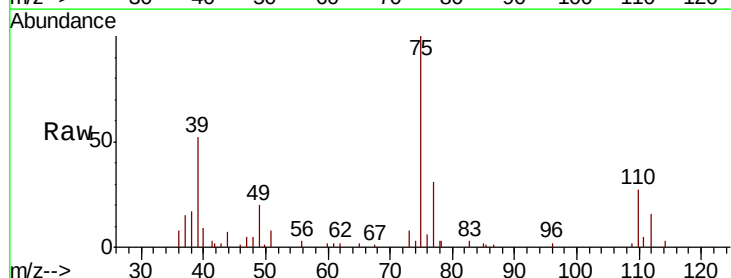
Tgt Ion: 75 Resp: 6807

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

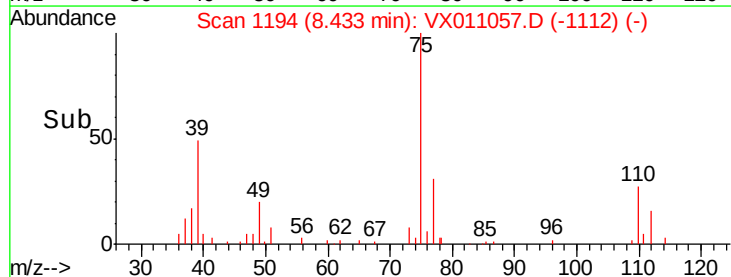
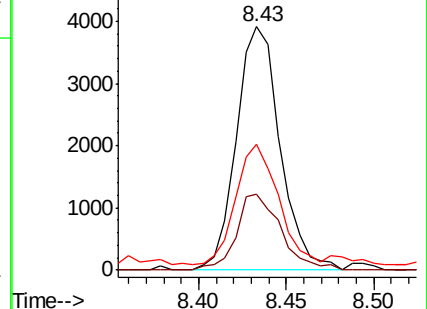
39 49.7 37.8 56.6

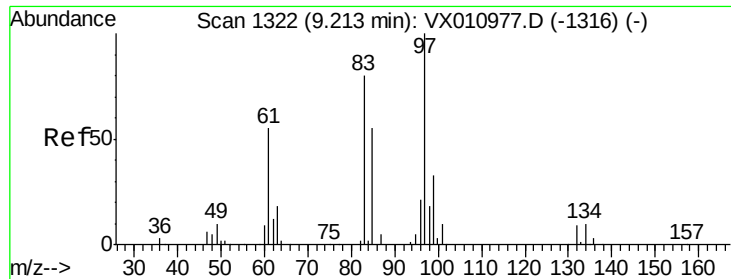


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

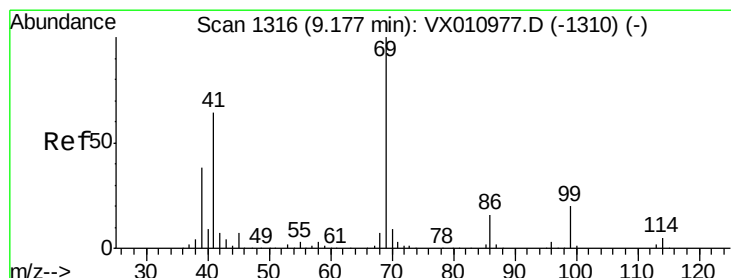
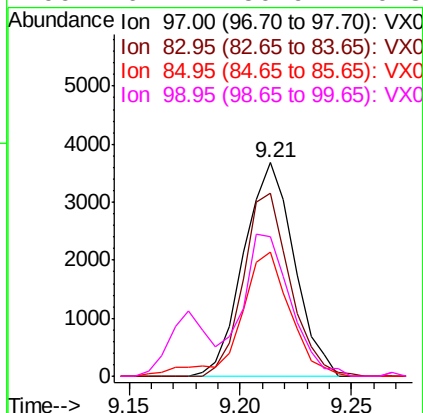
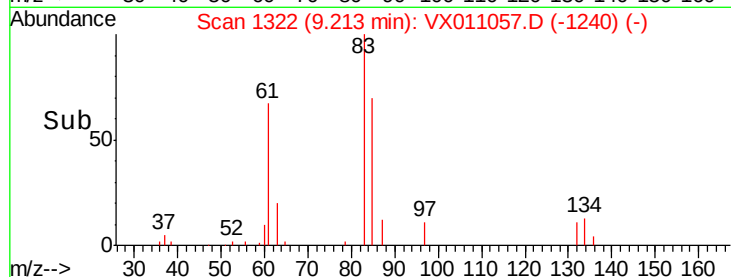
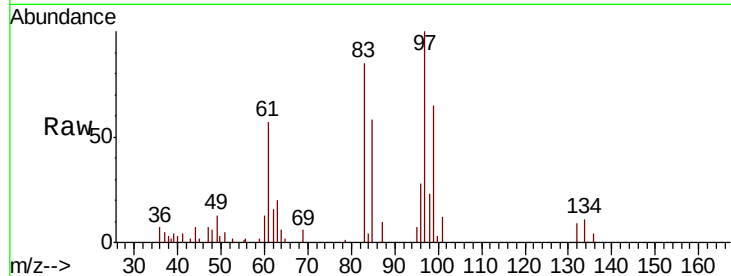




#50
 1,1,2-Trichloroethane
 Concen: 2.556 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

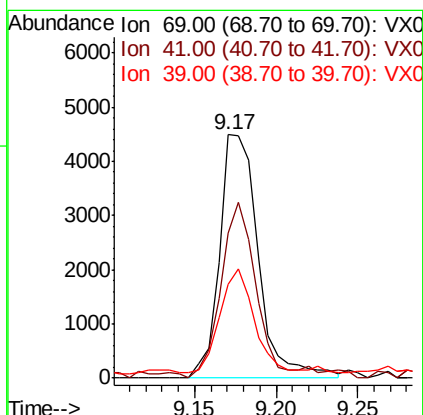
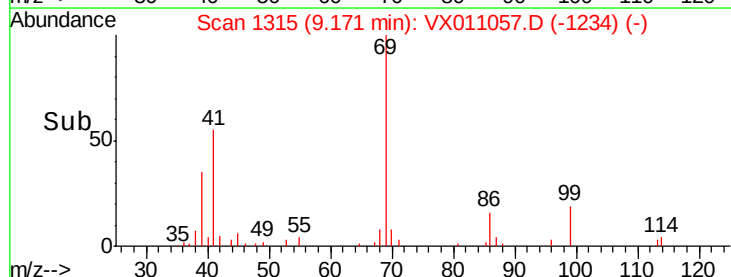
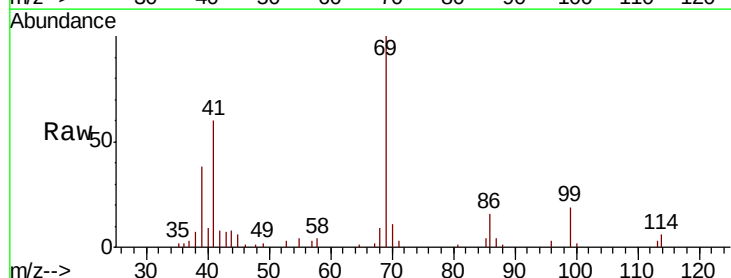
Instrument :
 MSVOA_X
 ClientSampleId :

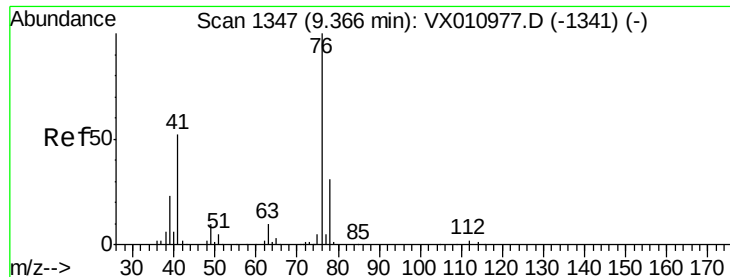
Tot Ion:	97	Resp:	5808
Ion	Ratio	Lower	Upper
97	100		
83	85.5	63.9	95.9
85	56.7	43.4	65.2
99	61.7	50.9	76.3



#51
 Ethyl methacrylate
 Concen: 2.121 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion:	69	Resp:	7452
Ion	Ratio	Lower	Upper
69	100		
41	59.5	32.1	96.3
39	36.3	19.1	57.3





#52

1,3-Dichloropropane

Concen: 2.450 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

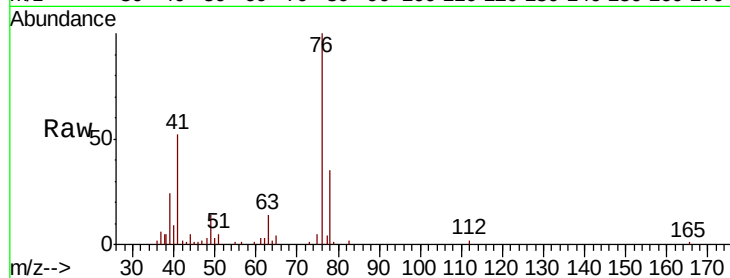
ClientSampleId :

Tot Ion: 76 Resp: 8946

Ion Ratio Lower Upper

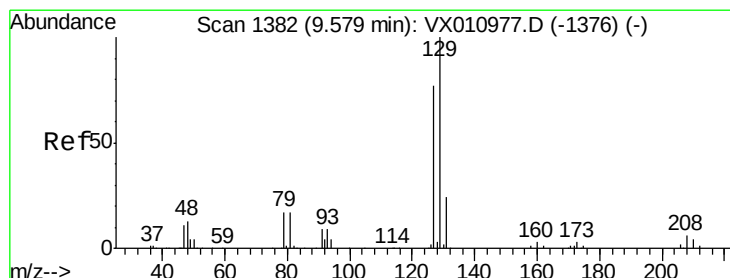
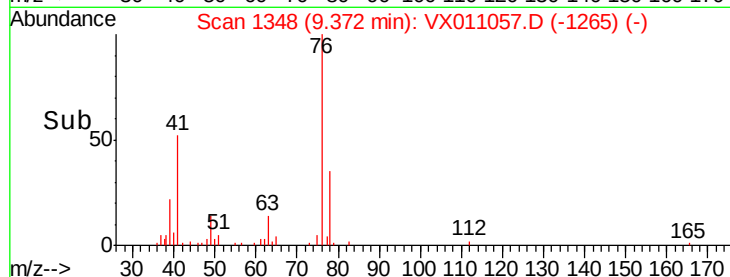
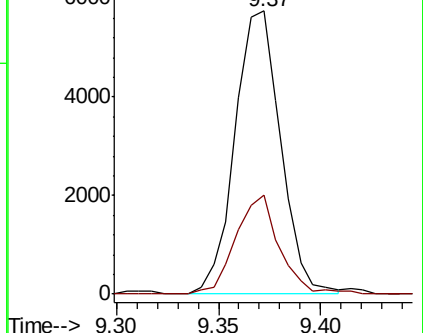
76 100

78 32.8 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX010977.D (-1341) (-)

Ion 78.00 (77.70 to 78.70): VX010977.D (-1341) (-)



#53

Dibromochloromethane

Concen: 1.903 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011057.D

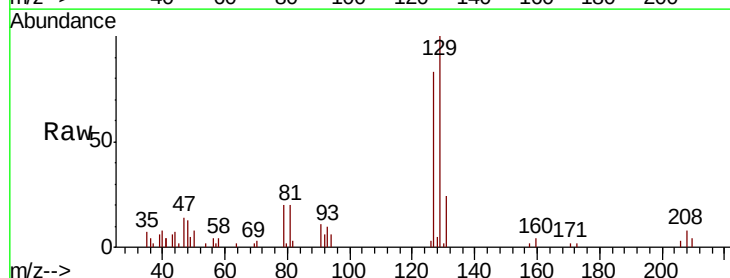
Acq: 24 Jul 2019 13:19

Tgt Ion: 129 Resp: 4671

Ion Ratio Lower Upper

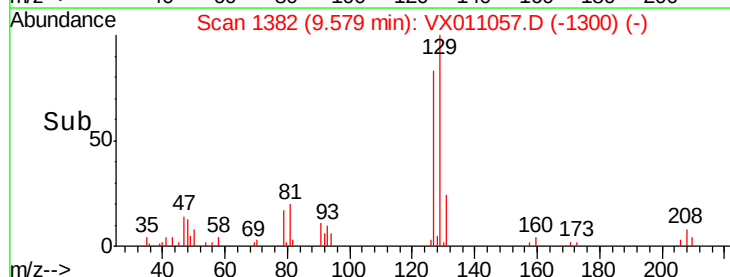
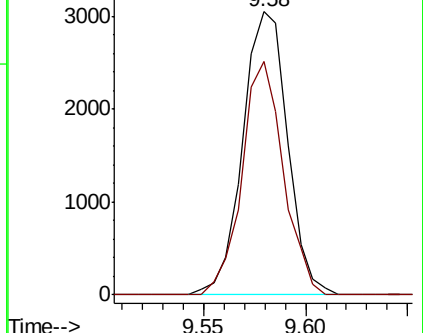
129 100

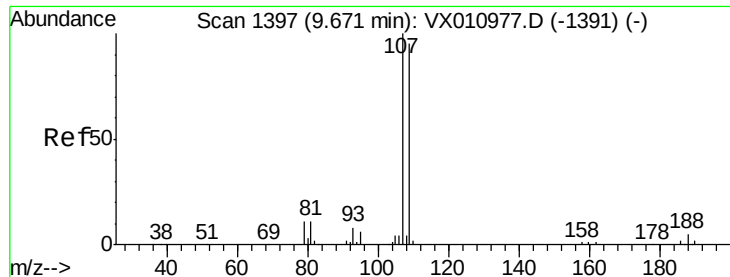
127 76.1 38.1 114.3



Abundance Ion 129.00 (128.70 to 129.70): VX010977.D (-1376) (-)

Ion 127.00 (126.70 to 127.70): VX010977.D (-1376) (-)





#54

1,2-Dibromoethane

Concen: 2.211 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

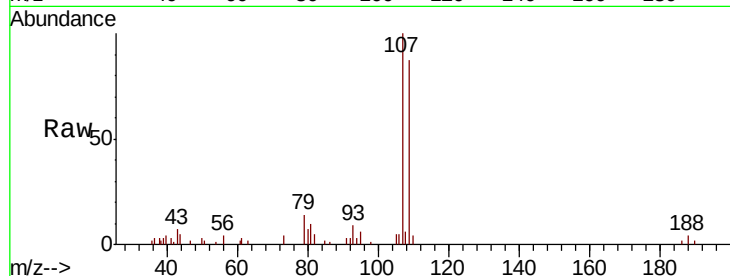
ClientSampleId :

Tot Ion:107 Resp: 5461

Ion Ratio Lower Upper

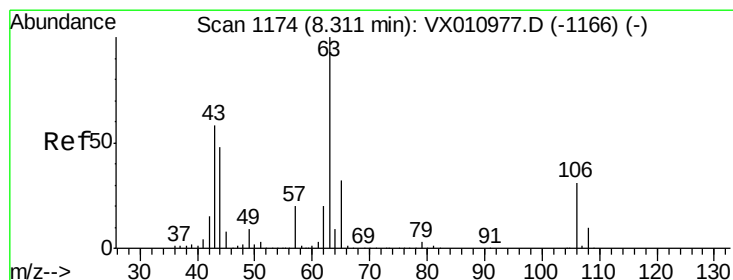
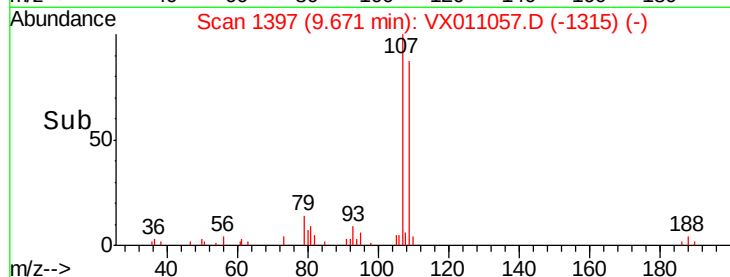
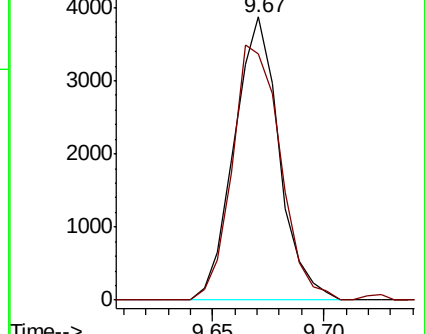
107 100

109 96.5 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 13.062 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

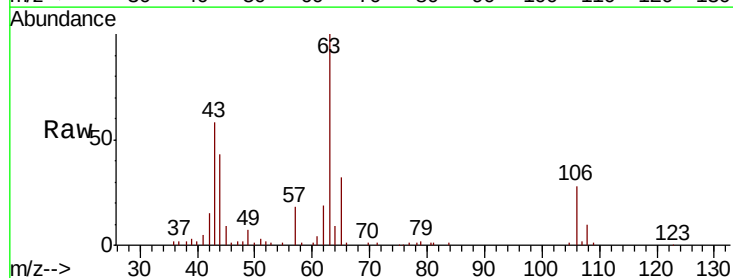
Tgt Ion: 63 Resp: 19439

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5

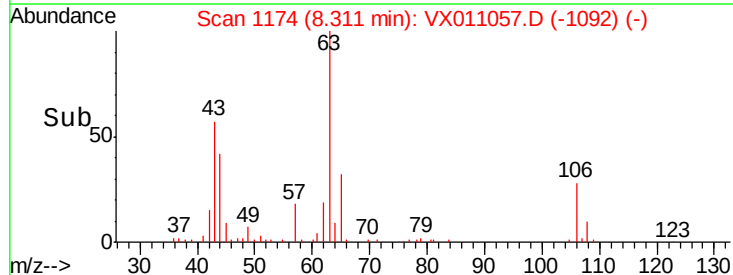
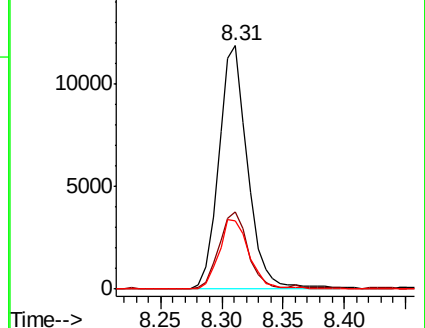
106 29.6 24.8 37.2

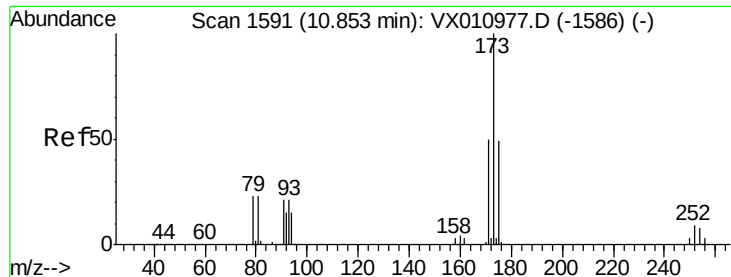


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V





#56

Bromoform

Concen: 1.937 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

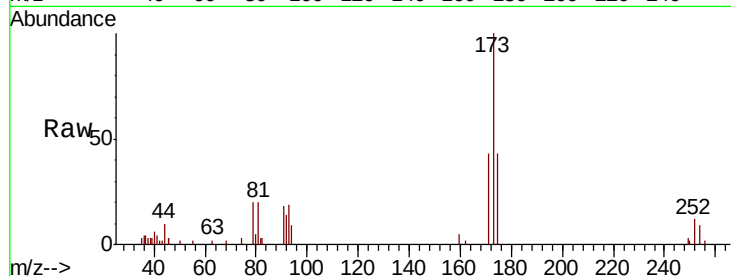
Tot Ion:173 Resp: 3541

Ion Ratio Lower Upper

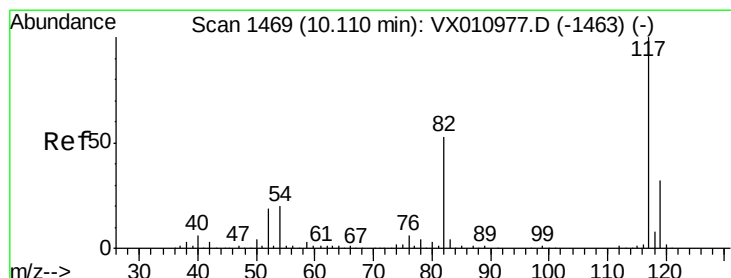
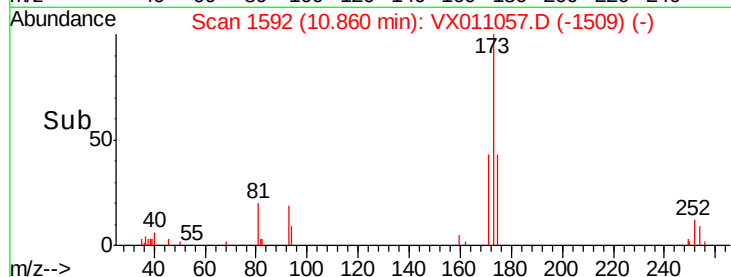
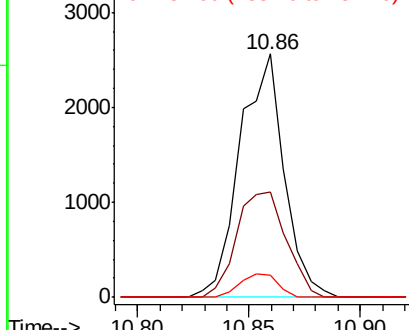
173 100

175 48.7 39.0 58.6

254 8.4 7.9 11.9



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

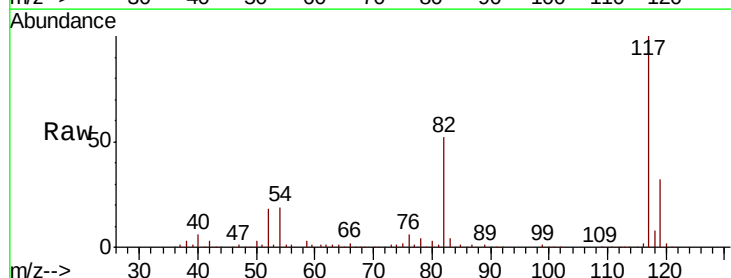
Tgt Ion:117 Resp: 175295

Ion Ratio Lower Upper

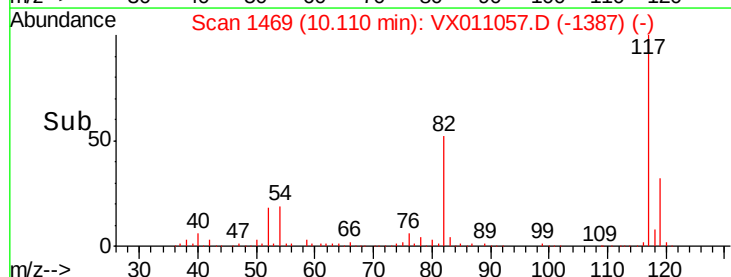
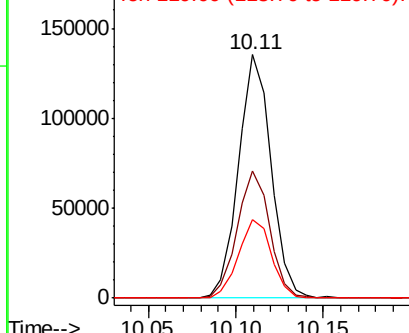
117 100

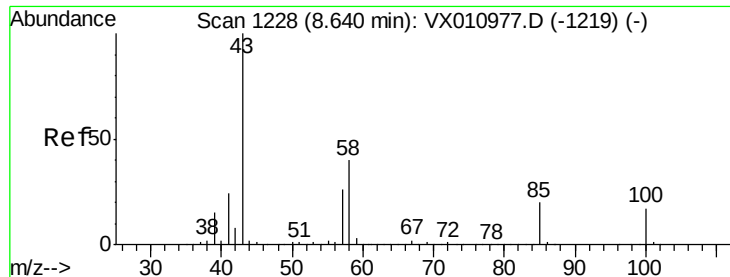
82 52.3 41.6 62.4

119 32.8 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

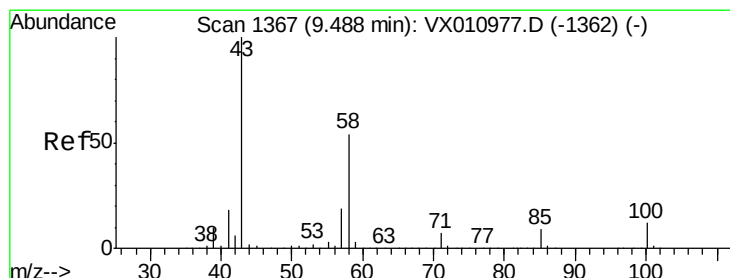
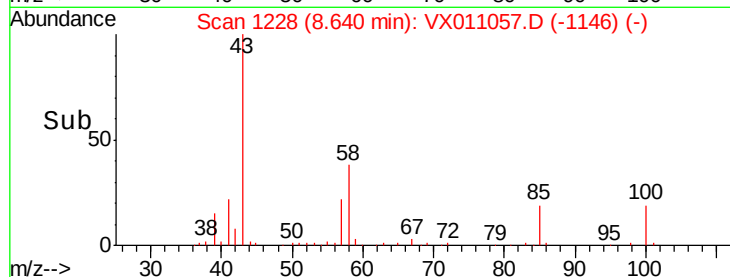
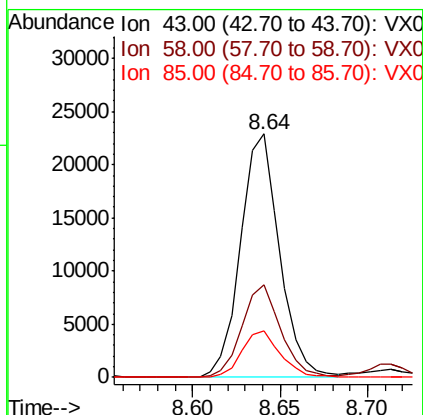
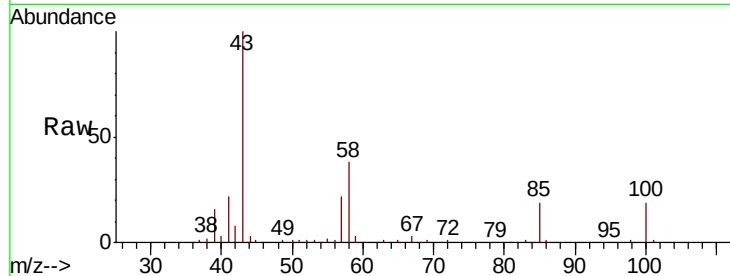




#58
 4-Methyl-2-Pentanone
 Concen: 12.005 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

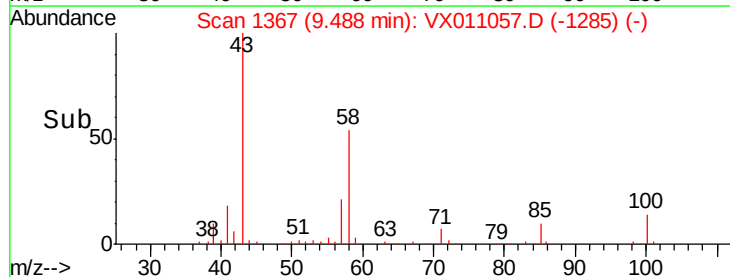
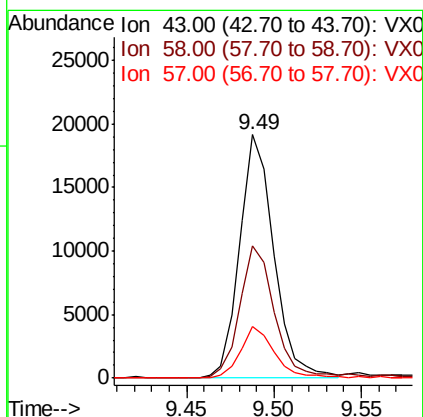
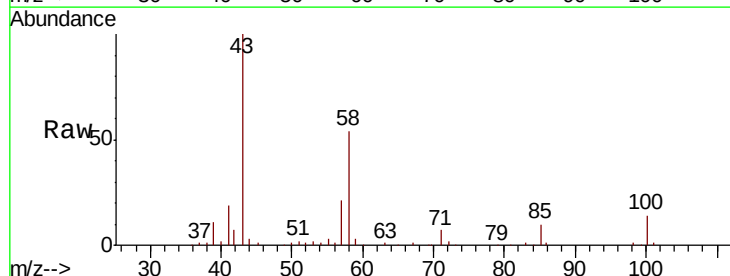
Instrument :
 MSVOA_X
 ClientSampleId :

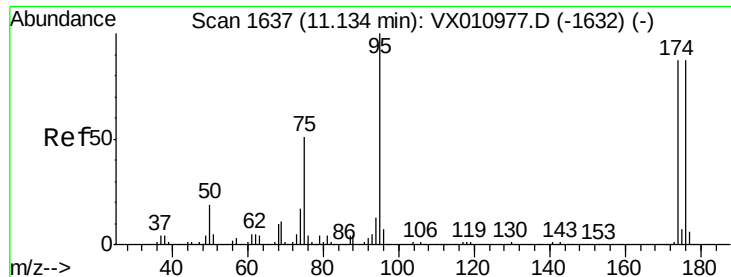
Tot Ion: 43 Resp: 35539
 Ion Ratio Lower Upper
 43 100
 58 38.0 32.6 48.8
 85 18.9 15.8 23.6



#59
 2-Hexanone
 Concen: 11.612 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 43 Resp: 26305
 Ion Ratio Lower Upper
 43 100
 58 55.9 44.7 67.1
 57 21.0 15.4 23.2

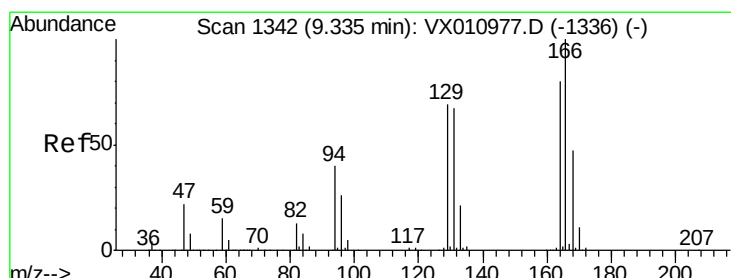
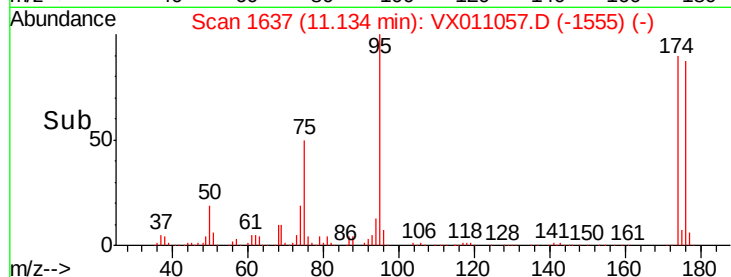
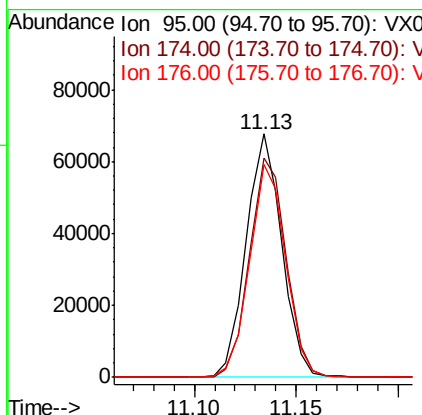
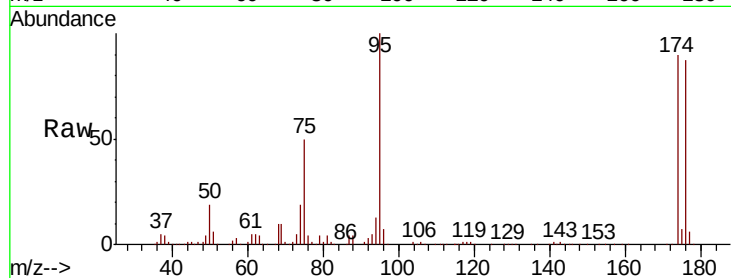




#60
4-Bromofluorobenzene
Concen: 28.598 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

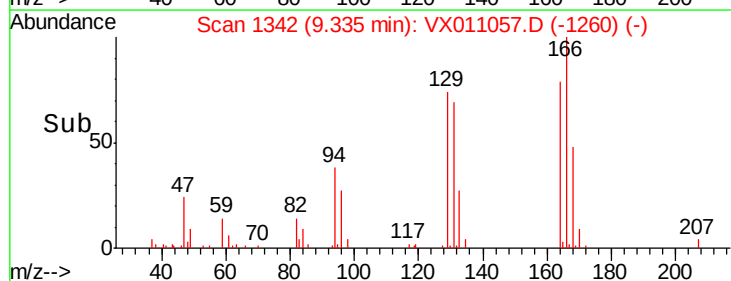
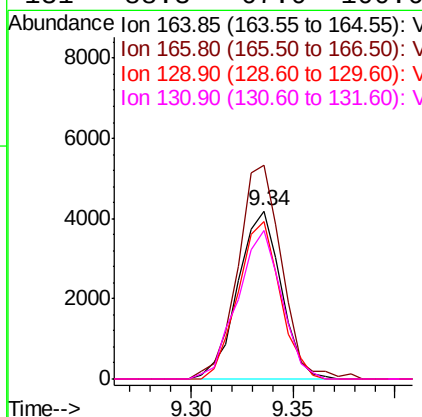
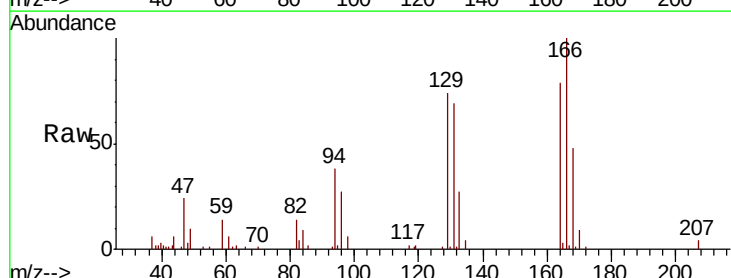
Instrument :
MSVOA_X
ClientSampleId :

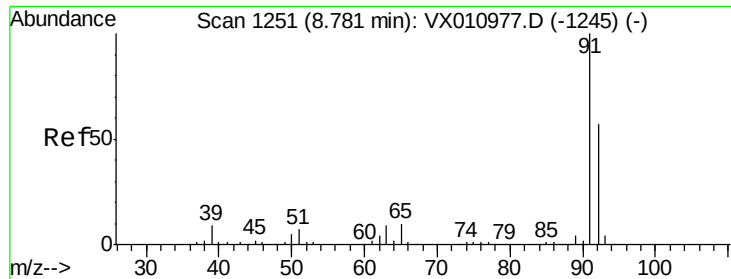
Tot Ion: 95 Resp: 82509
Ion Ratio Lower Upper
95 100
174 92.8 73.3 109.9
176 88.9 71.2 106.8



#61
Tetrachloroethene
Concen: 2.650 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 164 Resp: 6134
Ion Ratio Lower Upper
164 100
166 127.4 100.1 150.1
129 93.6 69.6 104.4
131 88.3 67.0 100.6





#62

Toluene

Concen: 2.425 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

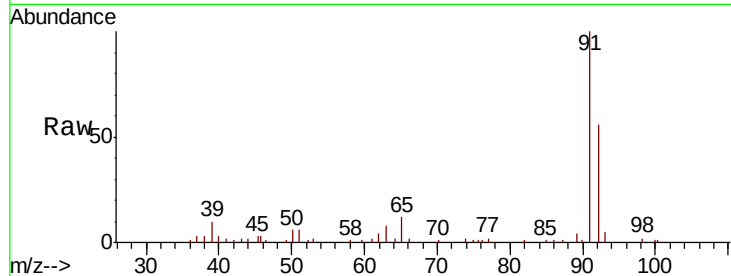
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 22582

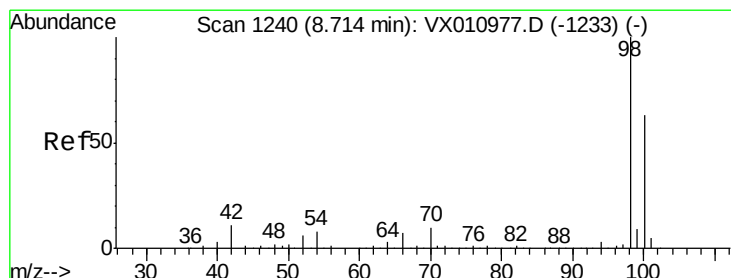
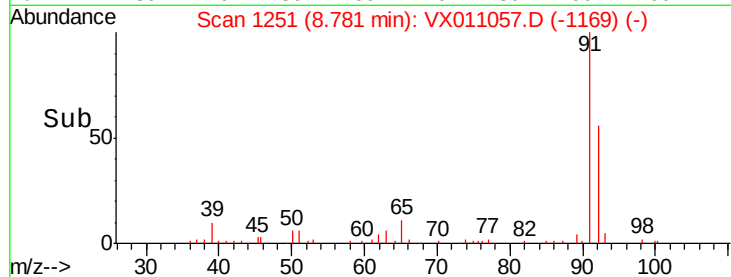
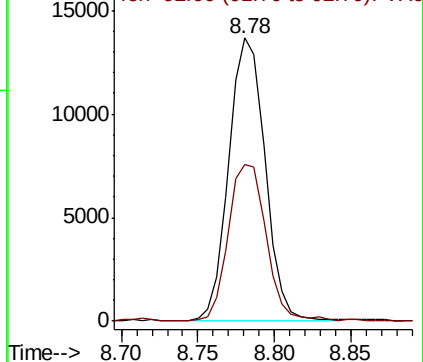
Ion Ratio Lower Upper

91 100

92 57.2 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 30.196 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011057.D

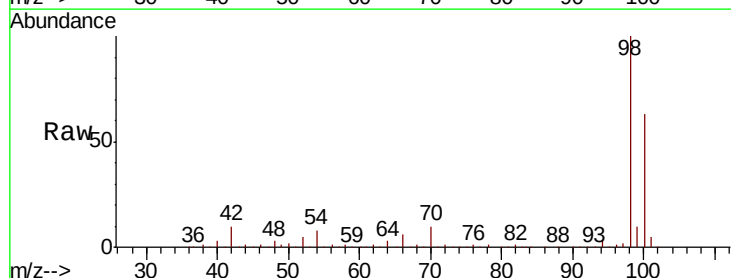
Acq: 24 Jul 2019 13:19

Tgt Ion: 98 Resp: 232659

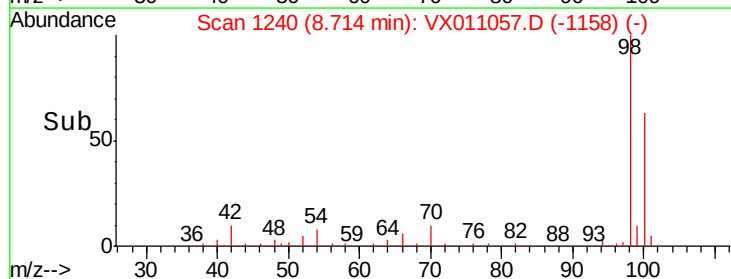
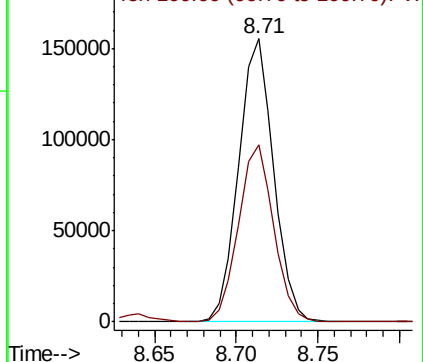
Ion Ratio Lower Upper

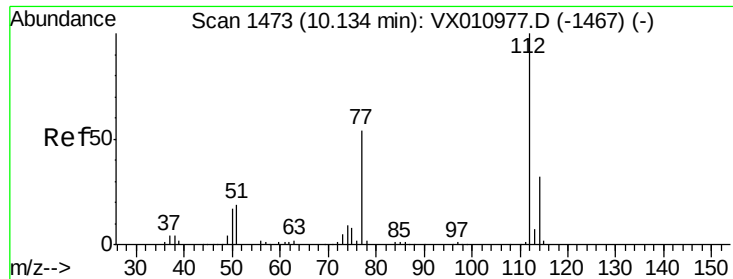
98 100

100 63.1 51.4 77.0



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





#64

Chlorobenzene

Concen: 2.467 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

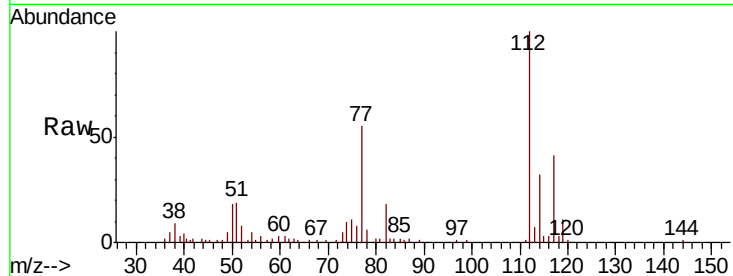
ClientSampleId :

Tot Ion:112 Resp: 14720

Ion Ratio Lower Upper

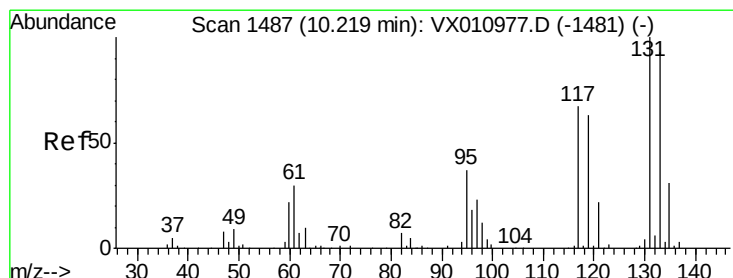
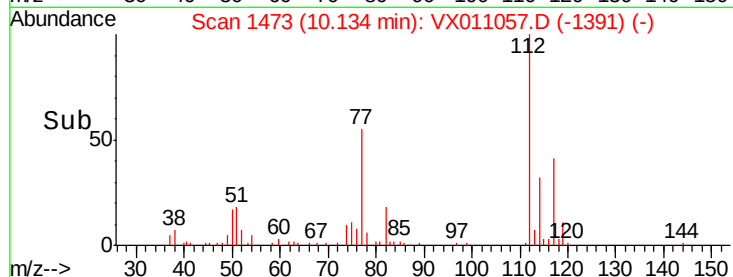
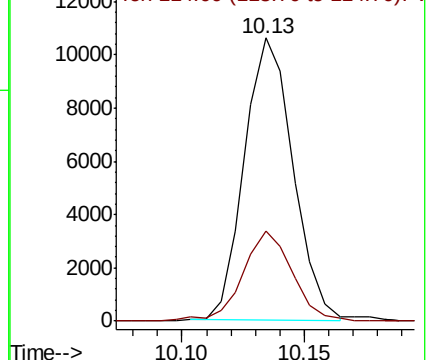
112 100

114 31.1 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 2.159 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

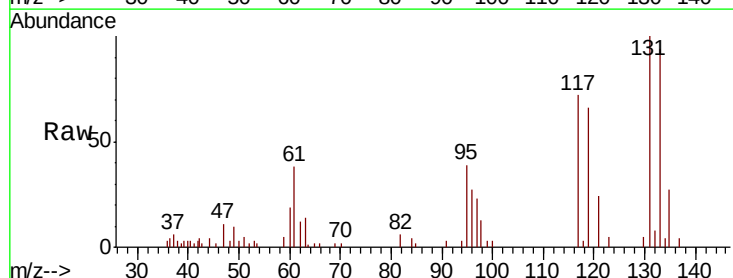
Tgt Ion:131 Resp: 4681

Ion Ratio Lower Upper

131 100

133 98.9 0.0 190.2

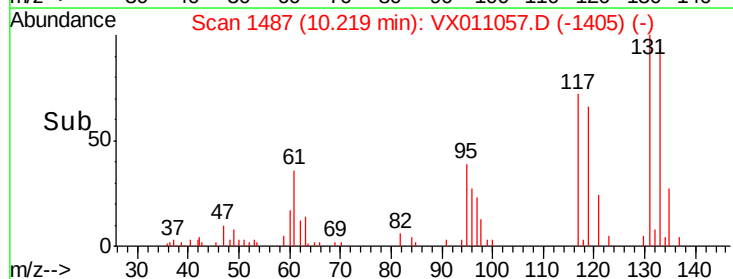
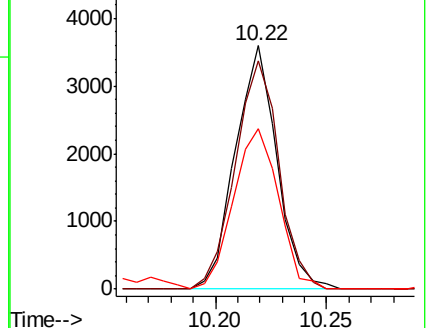
119 71.3 0.0 127.0

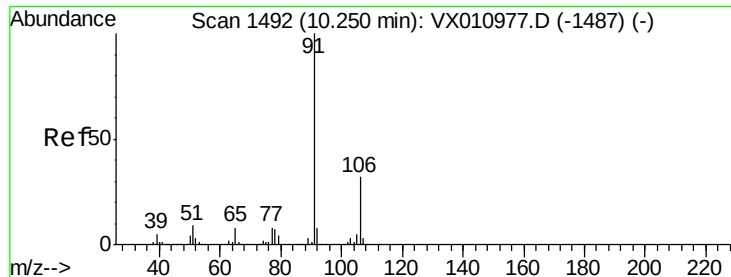


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 2.384 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

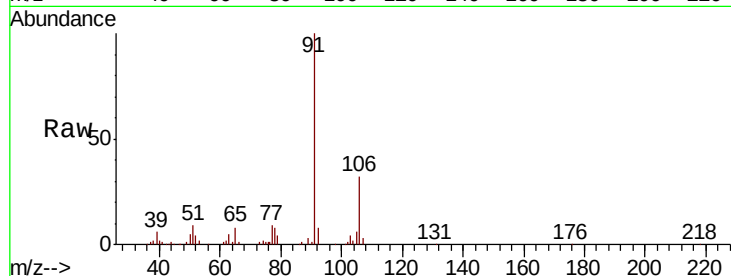
ClientSampled :

Tot Ion: 91 Resp: 24989

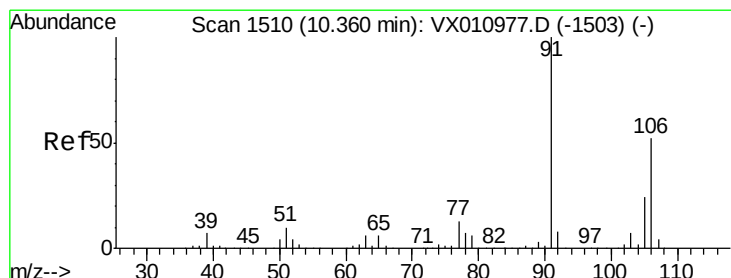
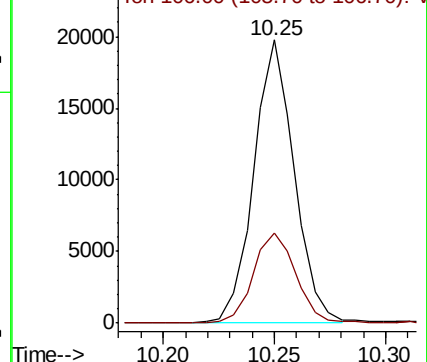
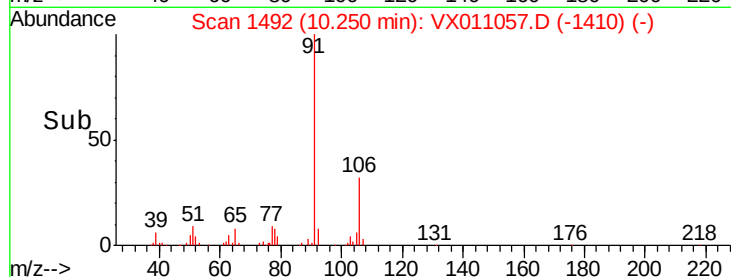
Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX011057.D (-1410) (-)



#67

m/p-Xylenes

Concen: 4.740 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011057.D

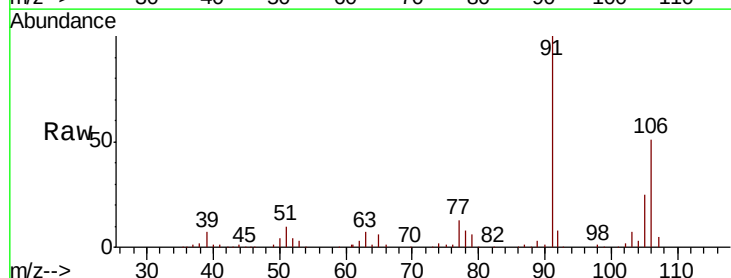
Acq: 24 Jul 2019 13:19

Tgt Ion: 106 Resp: 19012

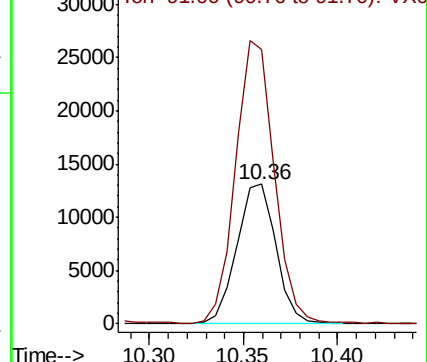
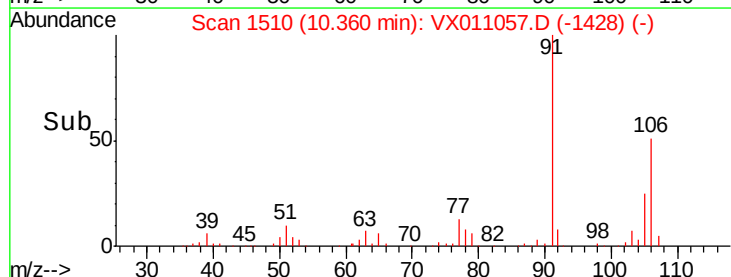
Ion Ratio Lower Upper

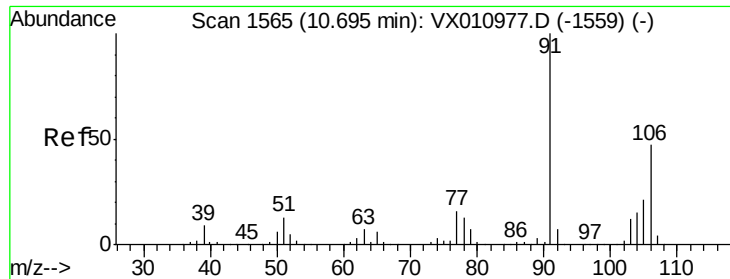
106 100

91 199.9 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VX011057.D (-1428) (-)

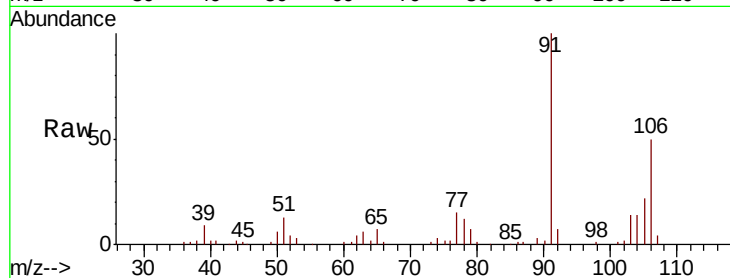




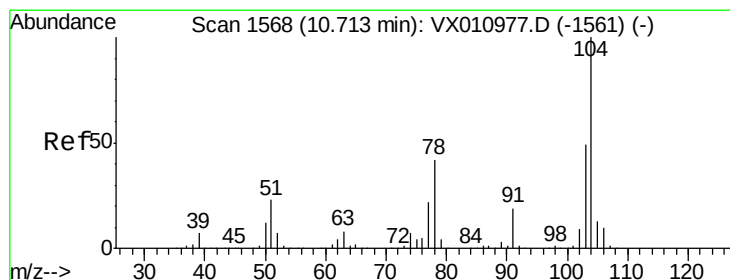
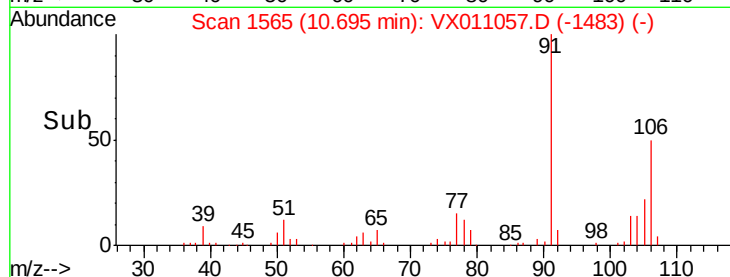
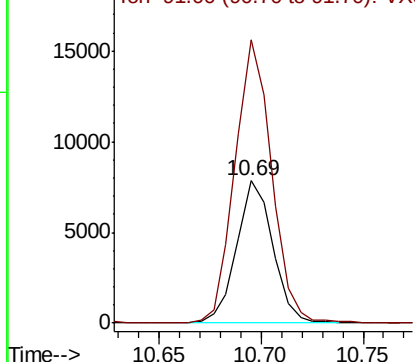
#68
o-Xylene
Concen: 2.468 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 9700
Ion Ratio Lower Upper
106 100
91 201.7 104.0 312.0

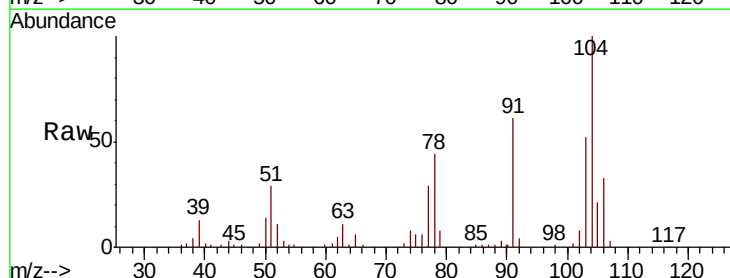


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

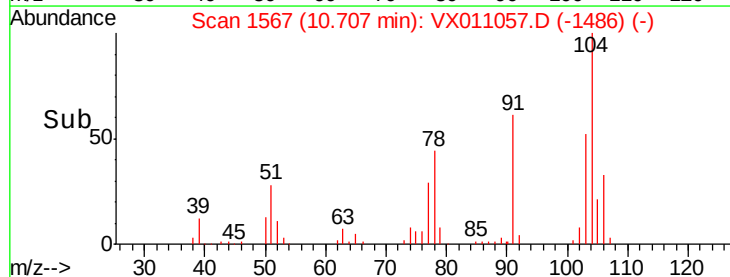
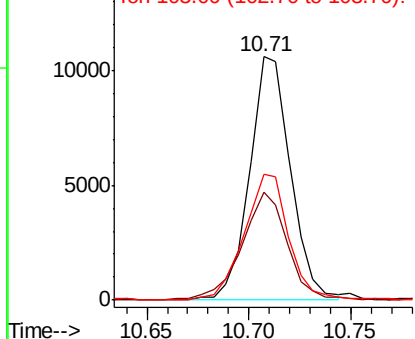


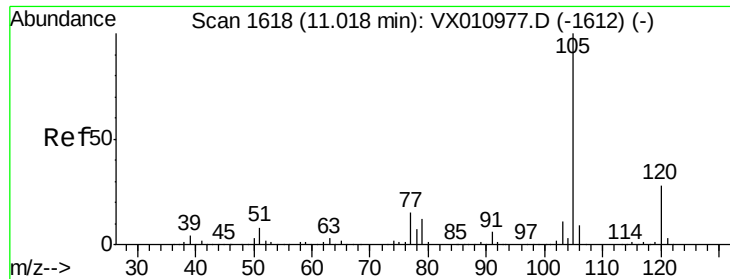
#69
Styrene
Concen: 2.245 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion:104 Resp: 14831
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 56.3 44.6 67.0



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





#70

Isopropylbenzene

Concen: 2.357 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

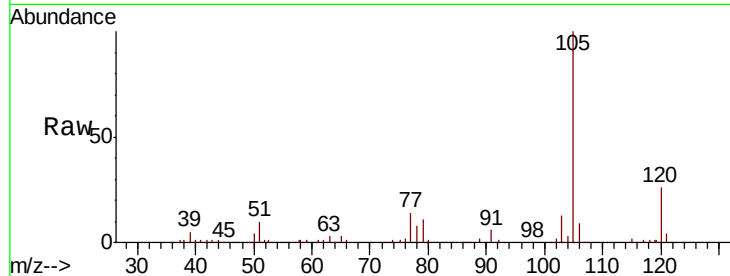
ClientSampleId :

Tot Ion:105 Resp: 24670

Ion Ratio Lower Upper

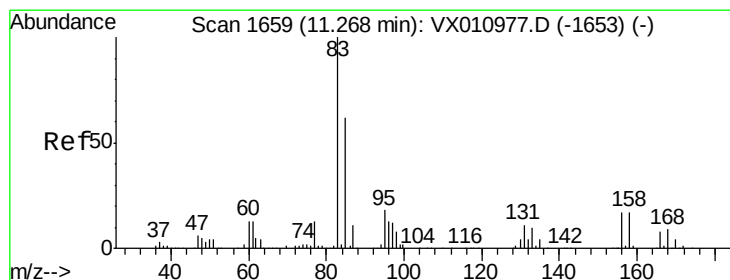
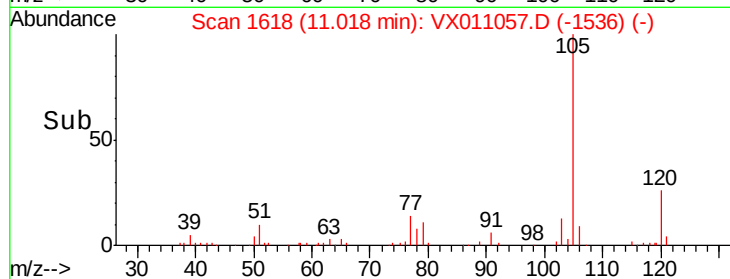
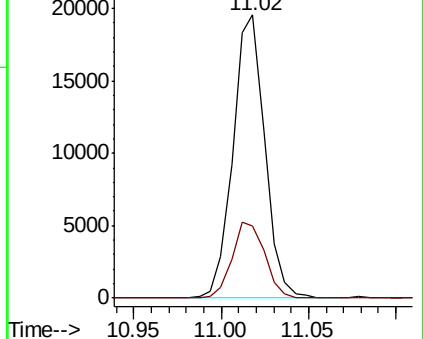
105 100

120 27.6 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 2.369 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

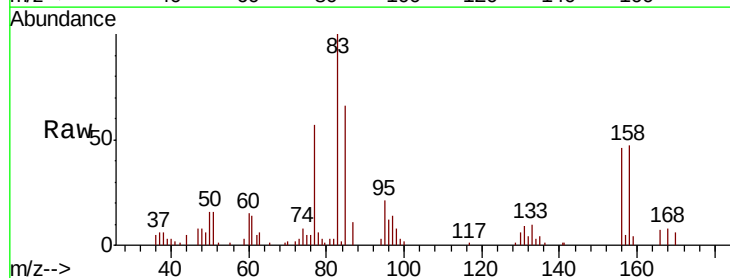
Tgt Ion: 83 Resp: 7995

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.4

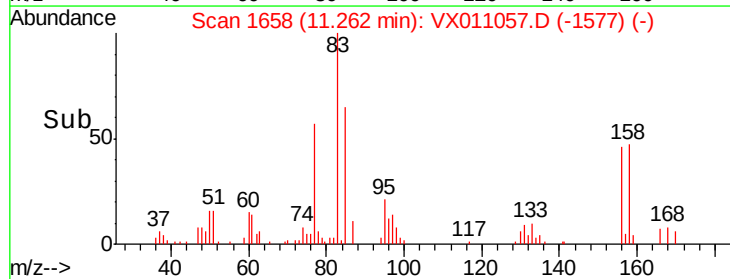
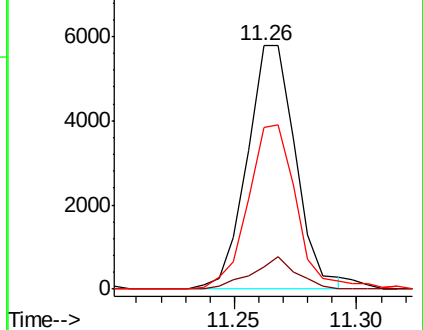
85 67.9 32.1 96.3

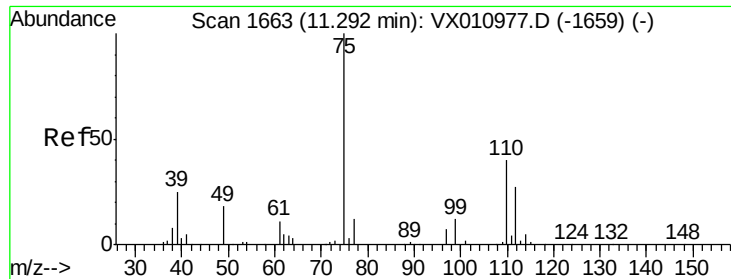


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

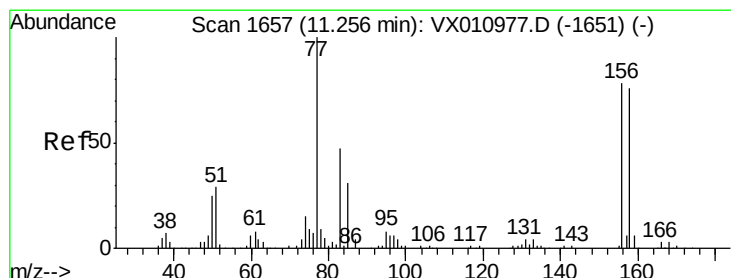
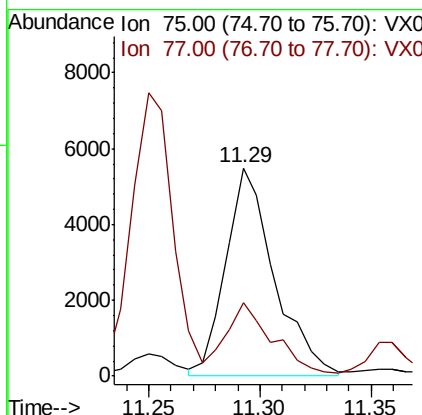
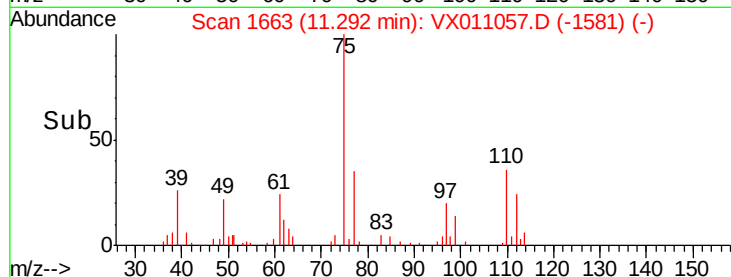
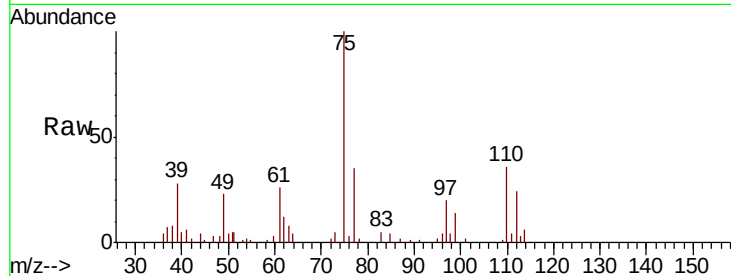




#72
1,2,3-Trichloropropane
Concen: 2.961 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

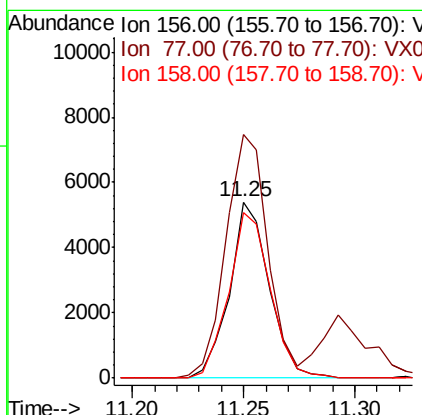
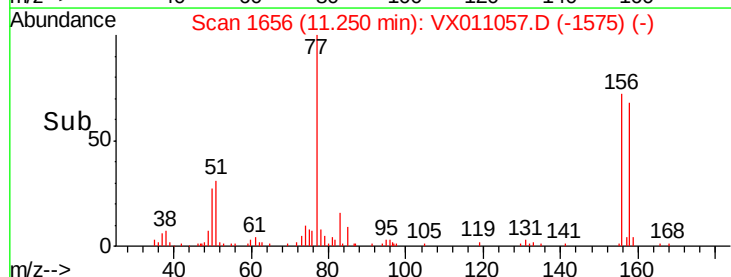
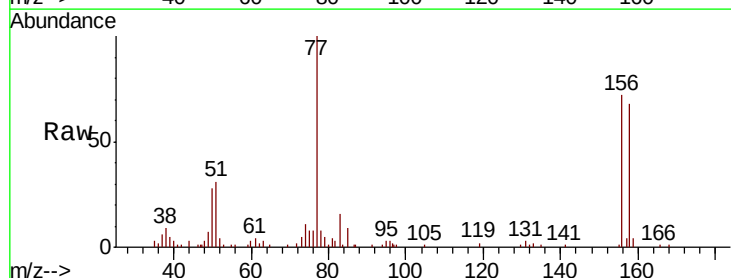
Instrument :
MSVOA_X
ClientSampled :

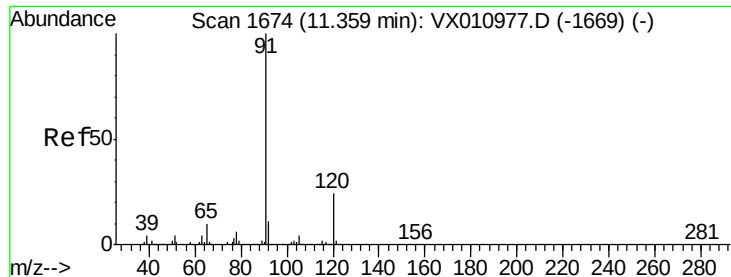
Tot Ion: 75 Resp: 8339
Ion Ratio Lower Upper
75 100
77 35.1 0.0 84.0



#73
Bromobenzene
Concen: 2.380 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 156 Resp: 6721
Ion Ratio Lower Upper
156 100
77 145.3 0.0 275.8
158 98.3 0.0 195.2





#74

n-propylbenzene

Concen: 2.309 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

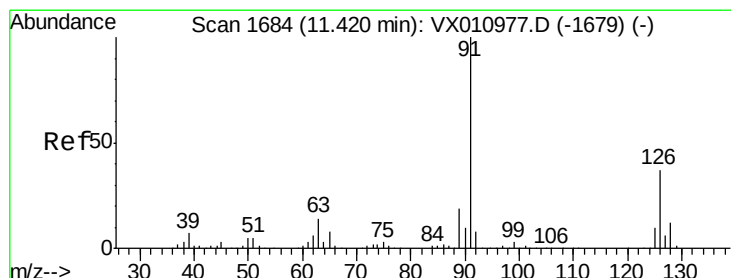
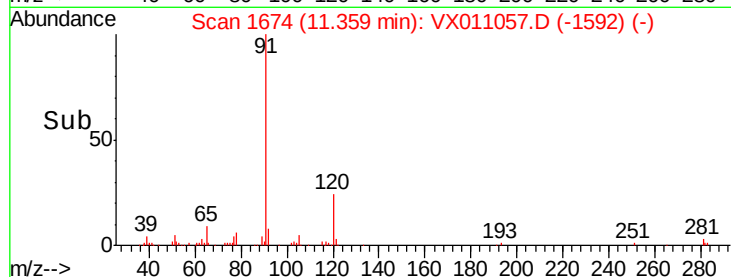
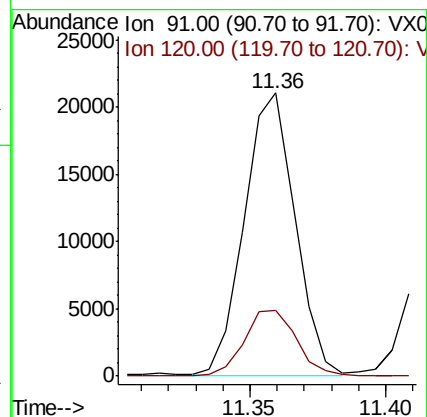
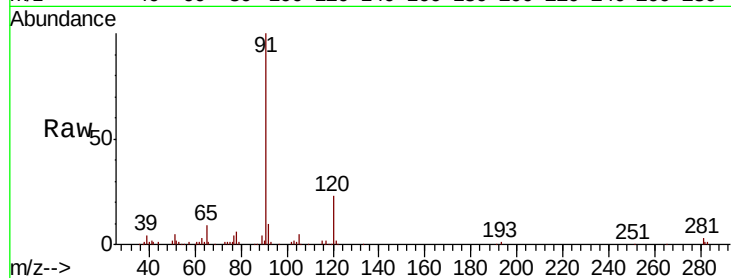
ClientSampleId :

Tot Ion: 91 Resp: 27199

Ion Ratio Lower Upper

91 100

120 24.1 0.0 47.6



#75

2-Chlorotoluene

Concen: 2.454 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011057.D

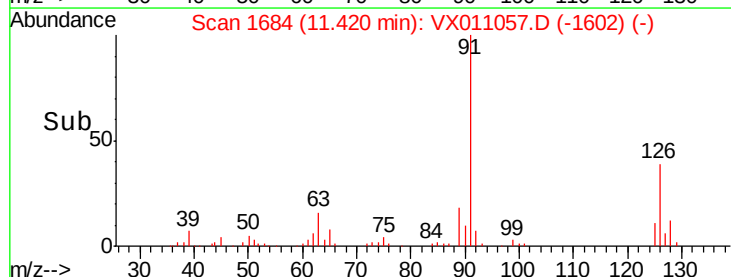
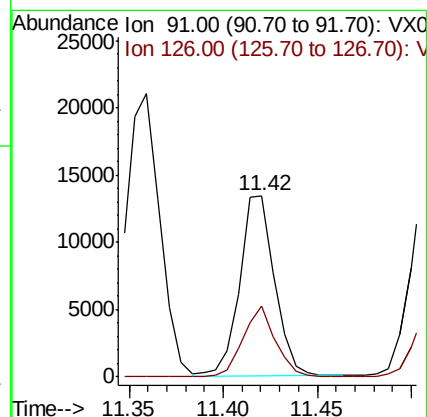
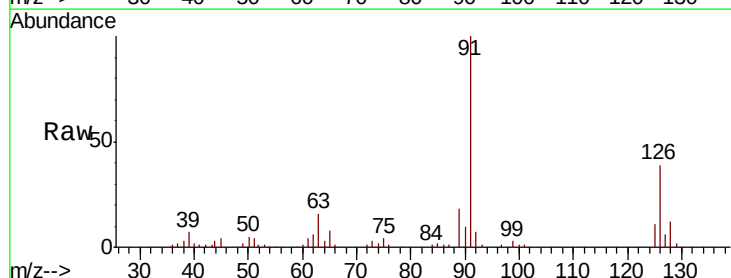
Acq: 24 Jul 2019 13:19

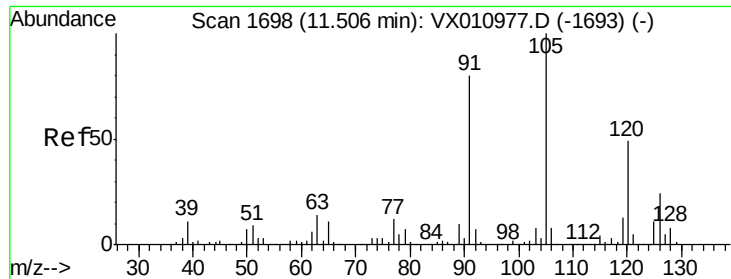
Tgt Ion: 91 Resp: 17217

Ion Ratio Lower Upper

91 100

126 36.4 0.0 72.4

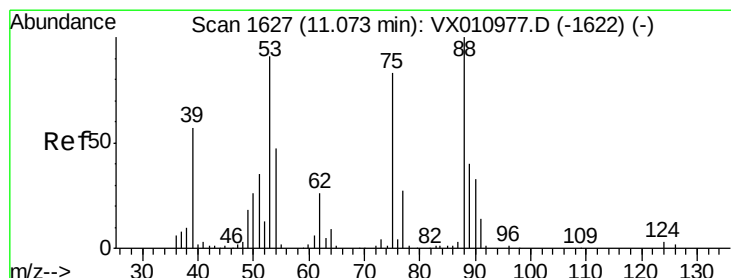
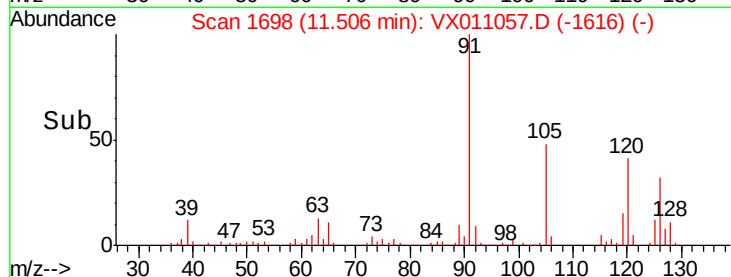
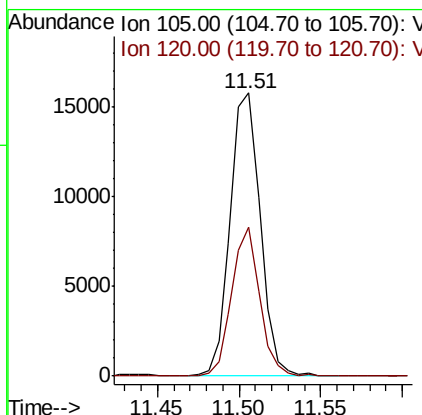
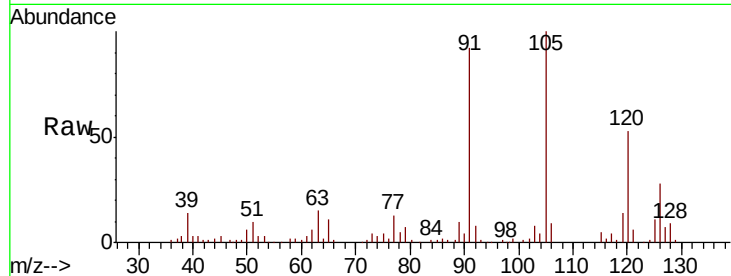




#76
 1,3,5-Trimethylbenzene
 Concen: 2.294 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

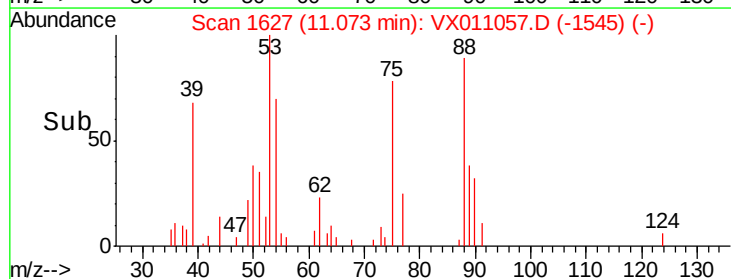
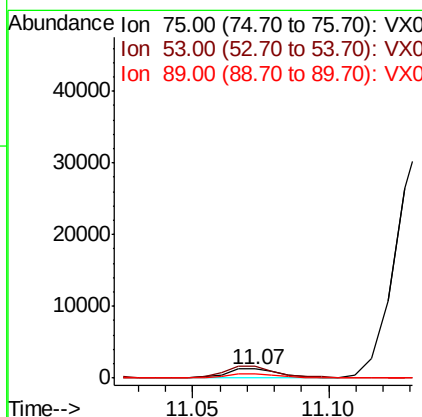
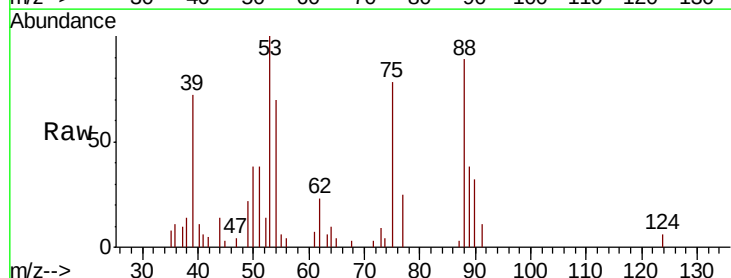
Instrument :
 MSVOA_X
 ClientSampleId :

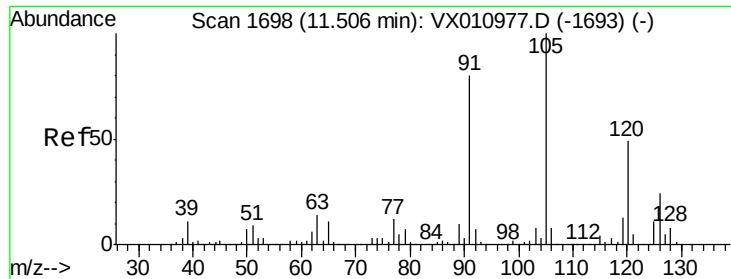
Tot Ion:105 Resp: 20320
 Ion Ratio Lower Upper
 105 100
 120 48.7 0.0 96.6



#77
 t-1,4-Dichloro-2-butene
 Concen: 1.897 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 75 Resp: 1763
 Ion Ratio Lower Upper
 75 100
 53 128.7 54.8 164.3
 89 49.2 24.6 73.6

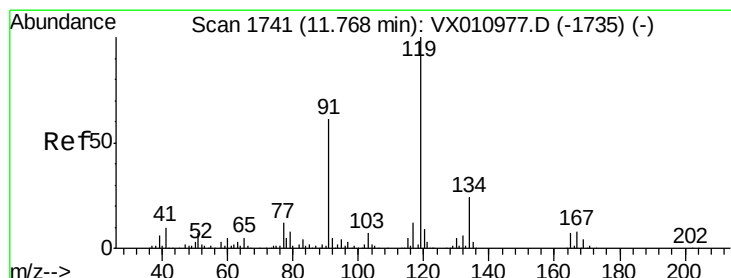
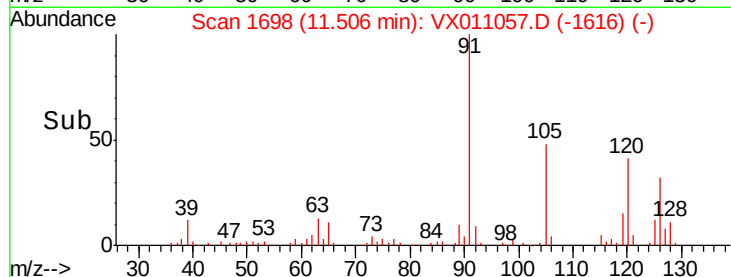
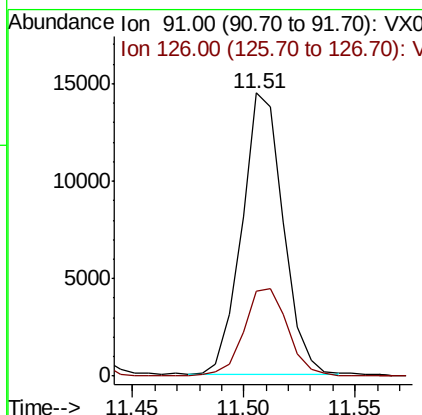
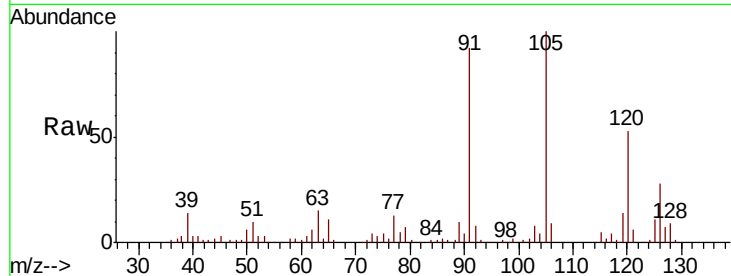




#78
4-Chlorotoluene
Concen: 2.311 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

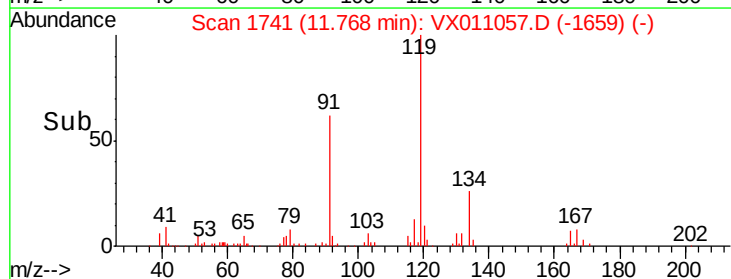
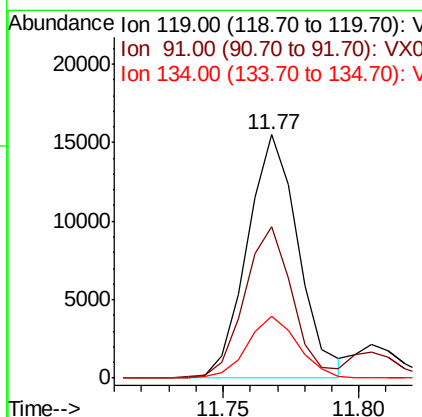
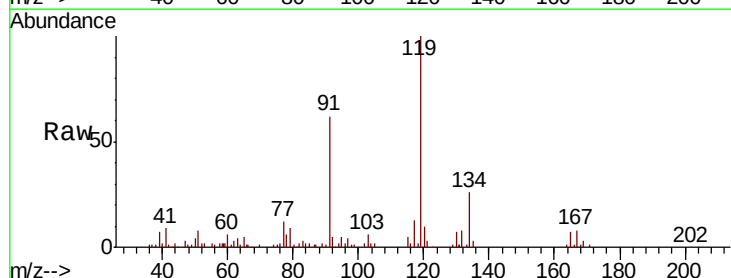
Instrument :
MSVOA_X
ClientSampleId :

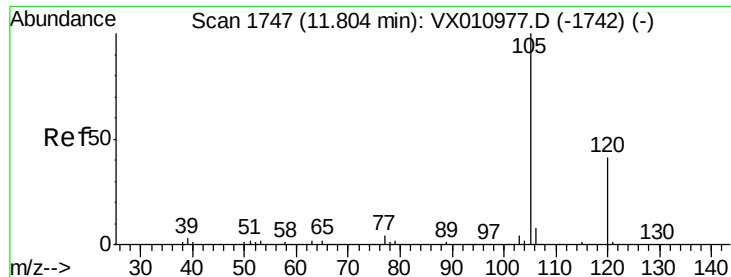
Tot Ion: 91 Resp: 18615
Ion Ratio Lower Upper
91 100
126 33.1 0.0 63.6



#79
tert-butylbenzene
Concen: 2.355 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion: 119 Resp: 20234
Ion Ratio Lower Upper
119 100
91 58.7 0.0 118.4
134 25.0 0.0 47.4

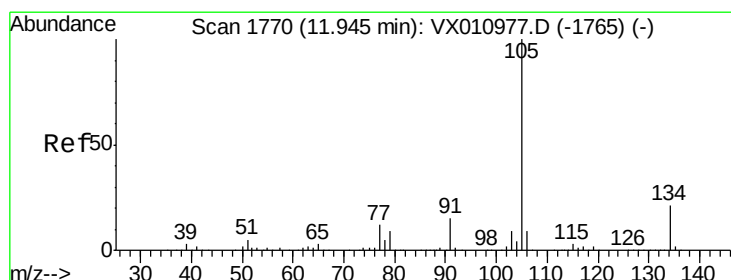
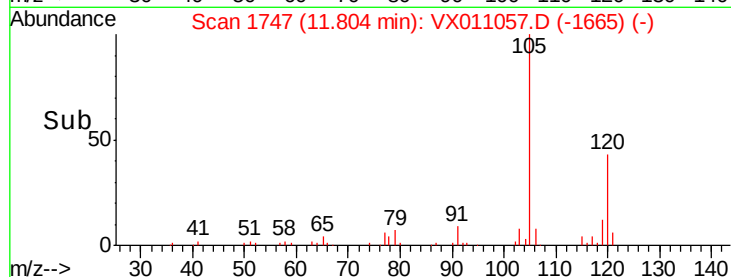
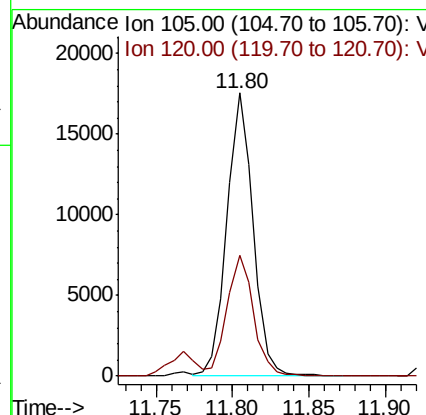
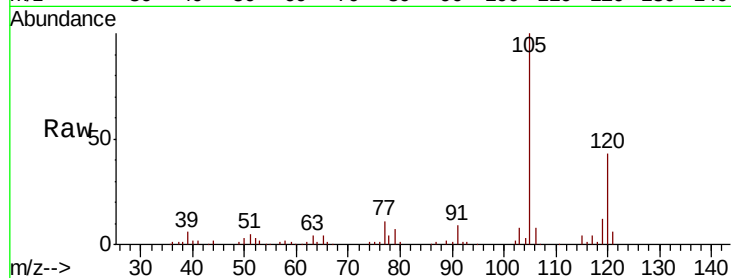




#80
 1,2,4-Trimethylbenzene
 Concen: 2.341 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

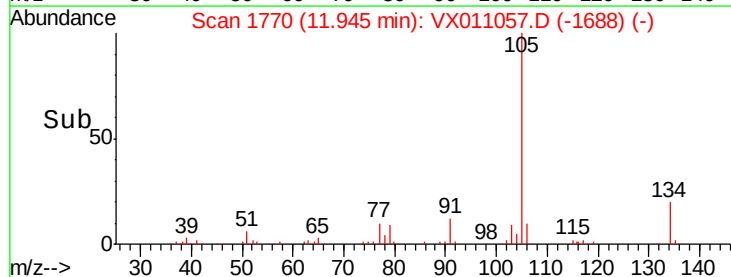
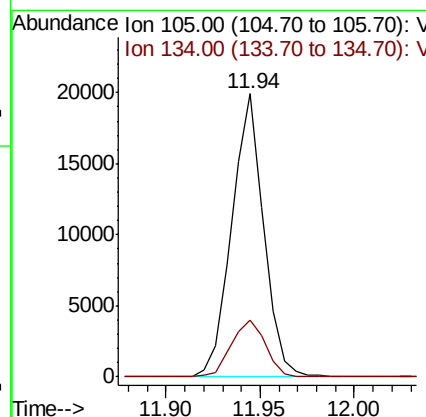
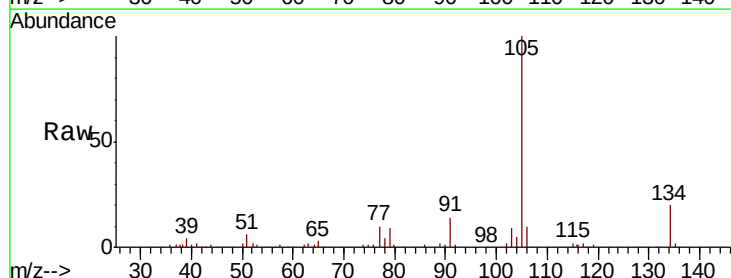
Instrument :
 MSVOA_X
 ClientSampleId :

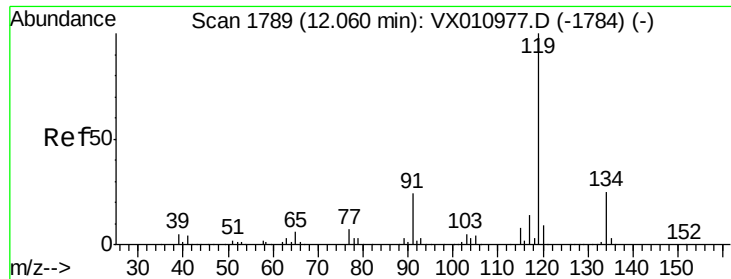
Tot Ion:105 Resp: 20882
 Ion Ratio Lower Upper
 105 100
 120 43.1 0.0 91.6



#81
 sec-Butylbenzene
 Concen: 2.313 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion:105 Resp: 23423
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 41.8

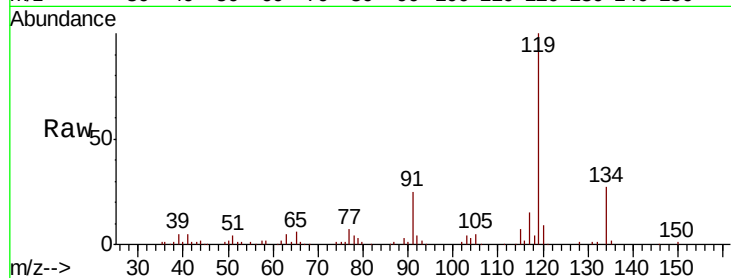




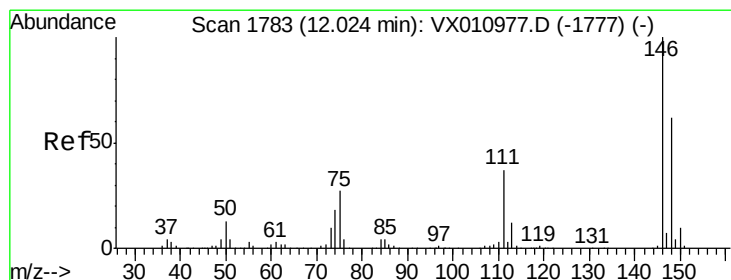
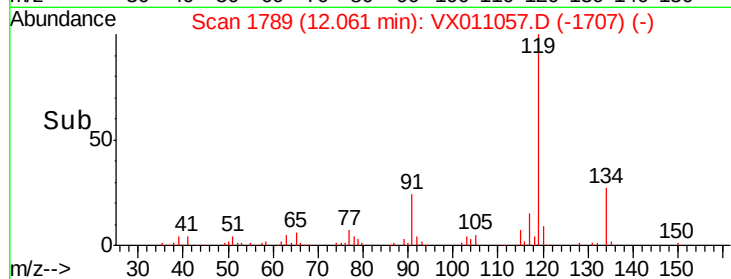
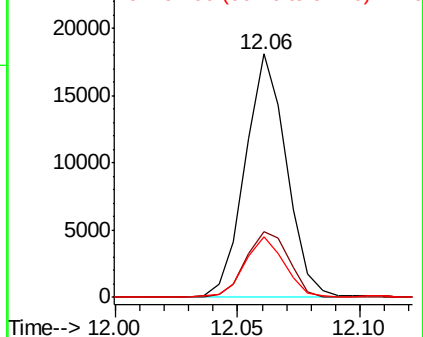
#82
 p-Isopropyltoluene
 Concen: 2.270 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 21332
 Ion Ratio Lower Upper
 119 100
 134 28.1 0.0 52.8
 91 24.3 0.0 47.0

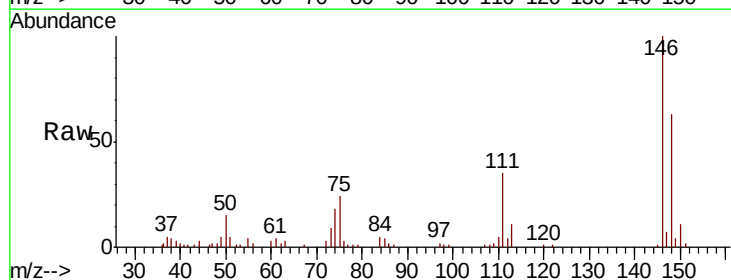


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

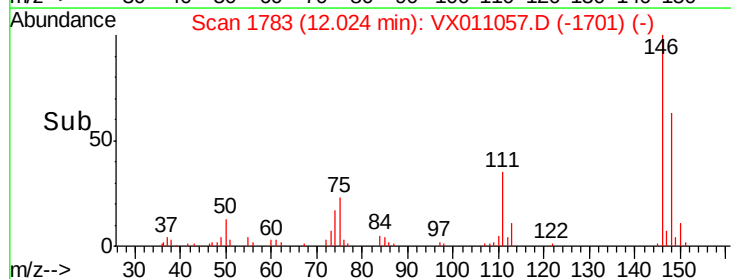
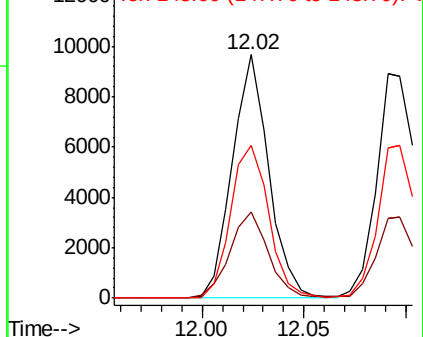


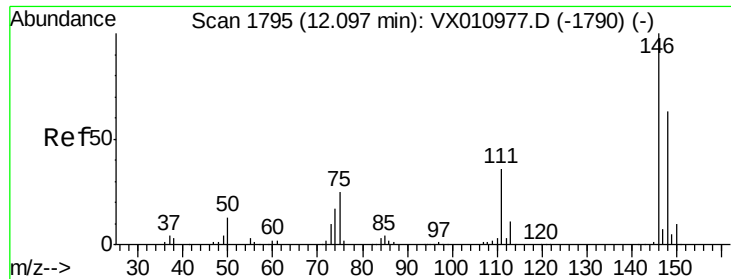
#83
 1,3-Dichlorobenzene
 Concen: 2.406 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion:146 Resp: 11995
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.9
 148 65.3 31.4 94.0



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

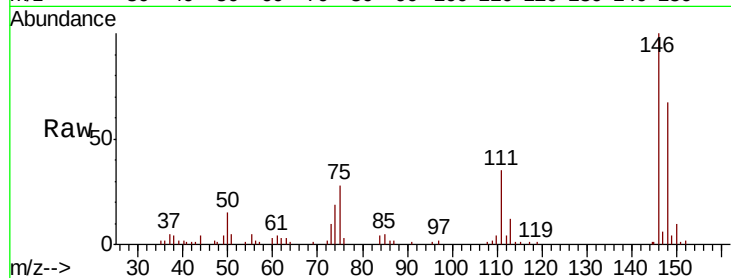




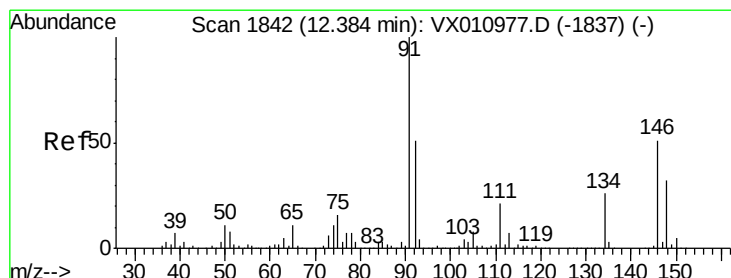
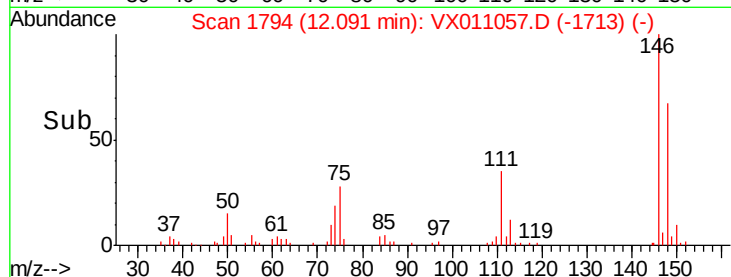
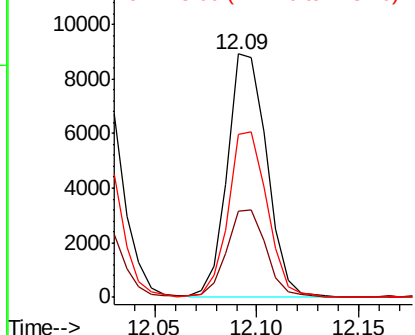
#84
 1,4-Dichlorobenzene
 Concen: 2.419 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 11985
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.5 55.5
 148 67.1 32.0 96.0

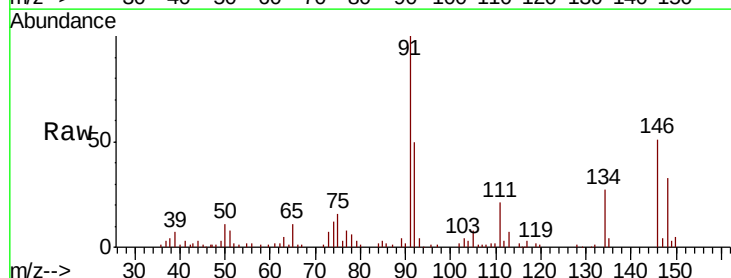


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

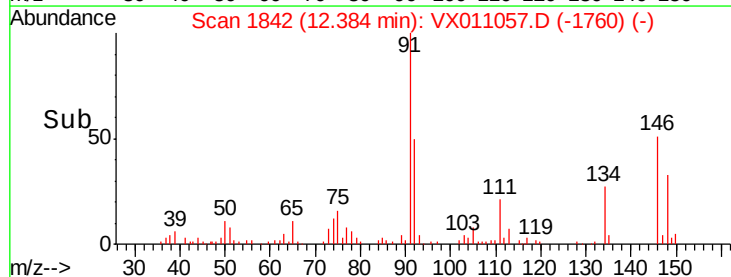
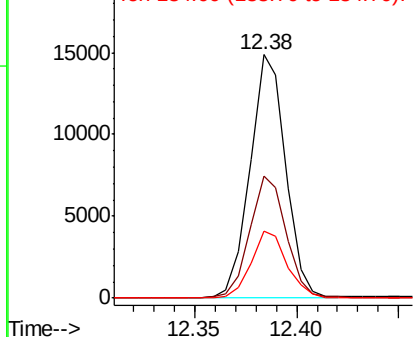


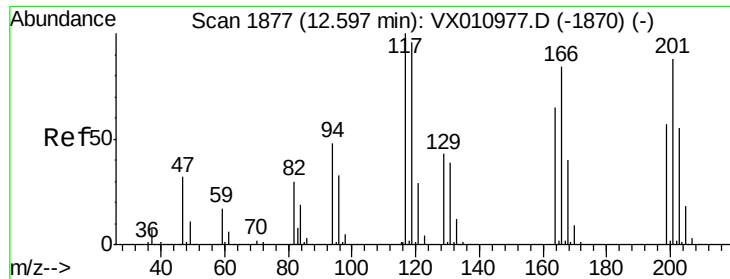
#85
 n-Butylbenzene
 Concen: 2.259 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Tgt Ion: 91 Resp: 18079
 Ion Ratio Lower Upper
 91 100
 92 51.5 0.0 103.6
 134 27.8 0.0 54.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

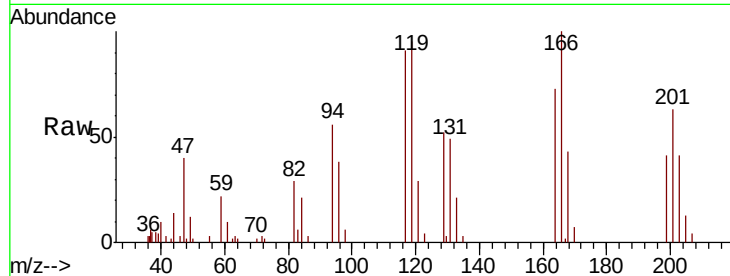




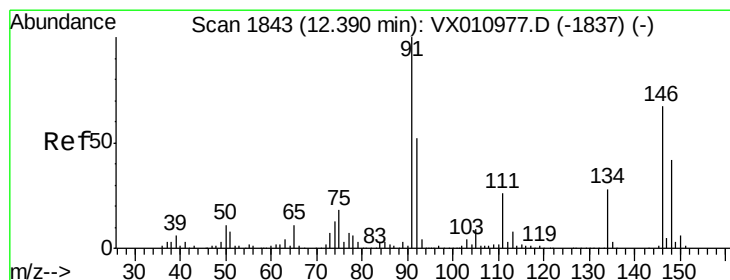
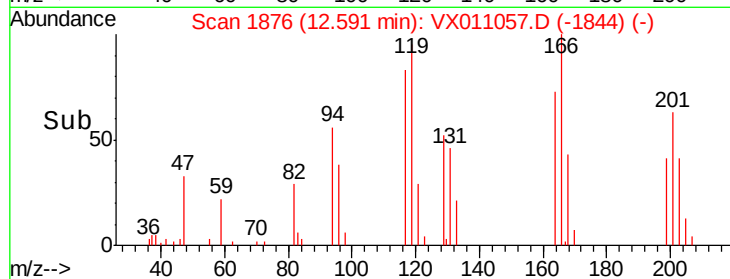
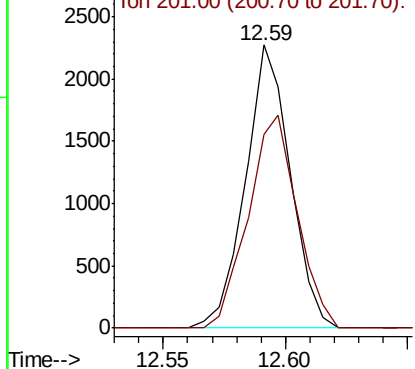
#86
Hexachloroethane
Concen: 1.947 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 2886
Ion Ratio Lower Upper
117 100
201 82.3 42.1 126.3

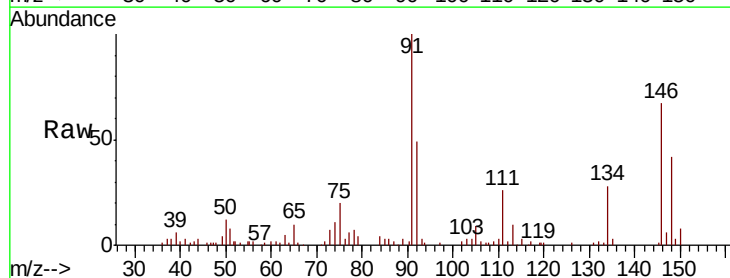


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

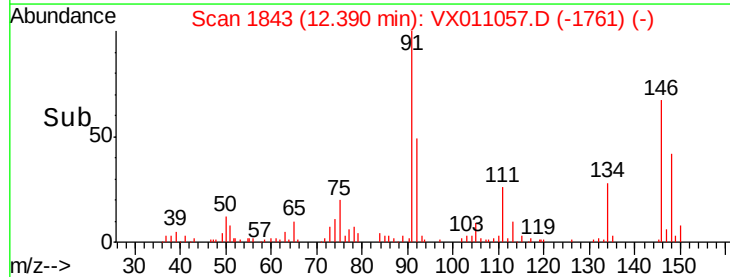
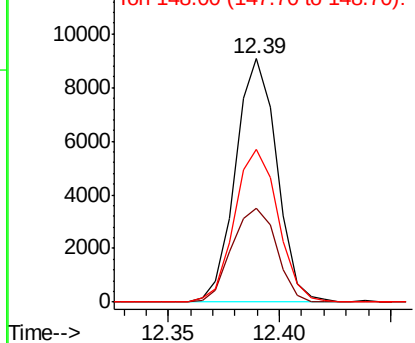


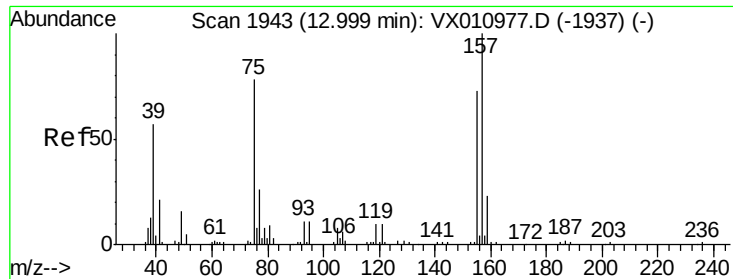
#87
1,2-Dichlorobenzene
Concen: 2.416 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011057.D
Acq: 24 Jul 2019 13:19

Tgt Ion:146 Resp: 11789
Ion Ratio Lower Upper
146 100
111 41.4 19.5 58.5
148 65.9 31.5 94.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 2.121 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

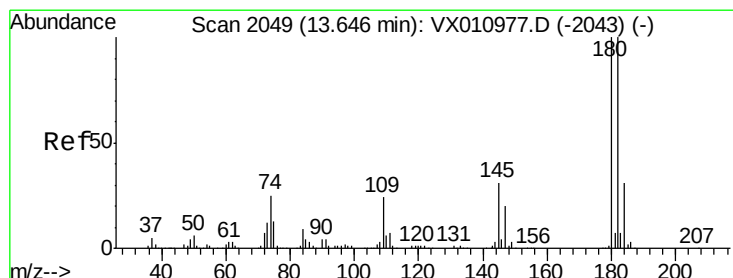
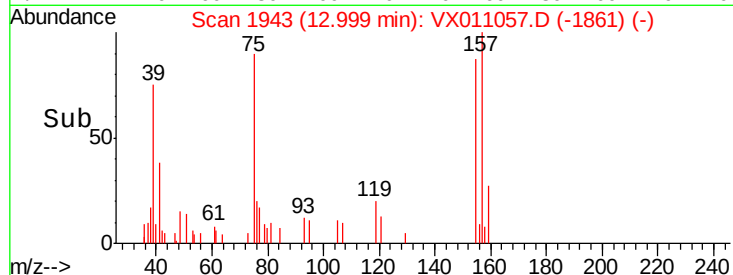
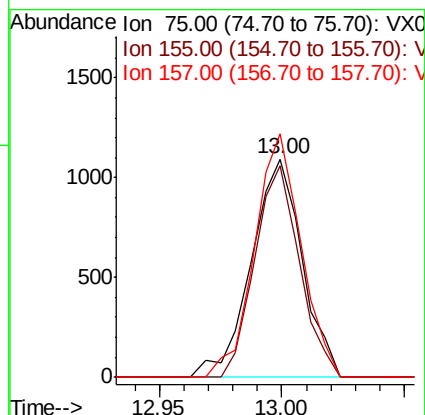
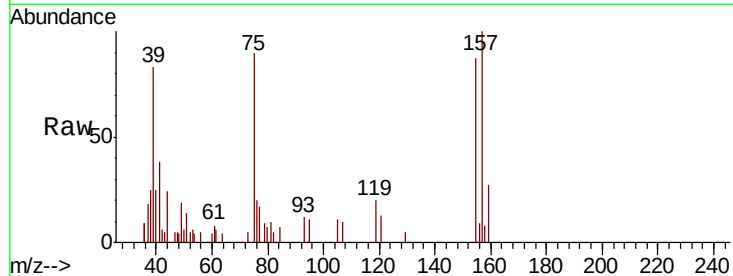
Tot Ion: 75 Resp: 1576

Ion Ratio Lower Upper

75 100

155 85.0 76.6 115.0

157 101.6 101.0 151.4



#89

1,2,4-Trichlorobenzene

Concen: 2.279 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

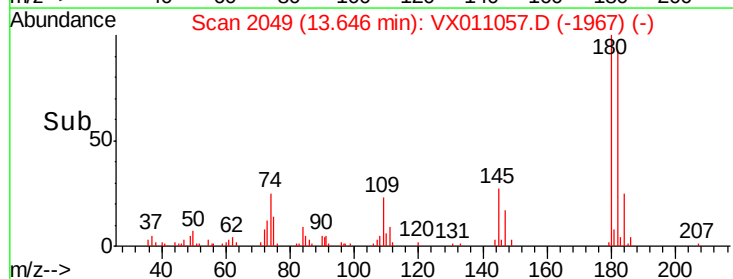
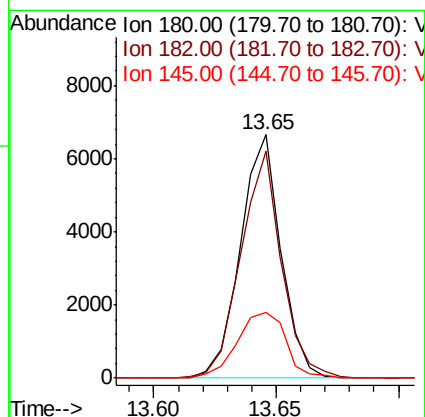
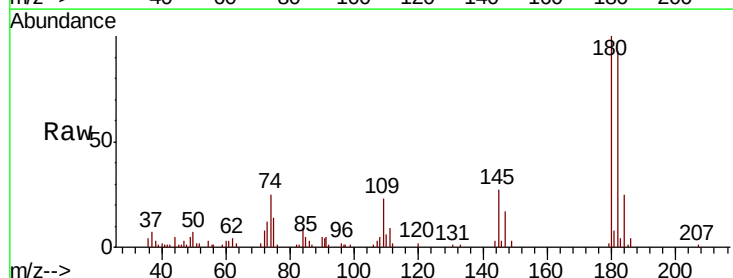
Tgt Ion: 180 Resp: 7673

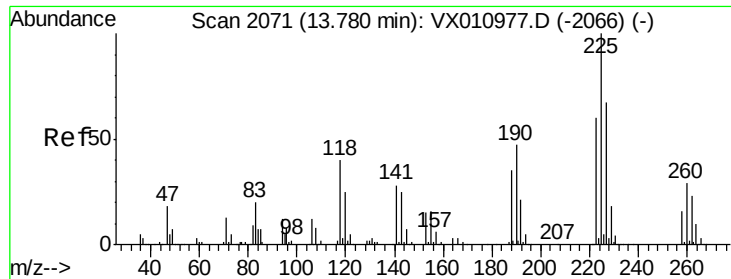
Ion Ratio Lower Upper

180 100

182 93.9 77.6 116.4

145 32.5 23.8 35.6





#90

Hexachlorobutadiene

Concen: 2.417 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

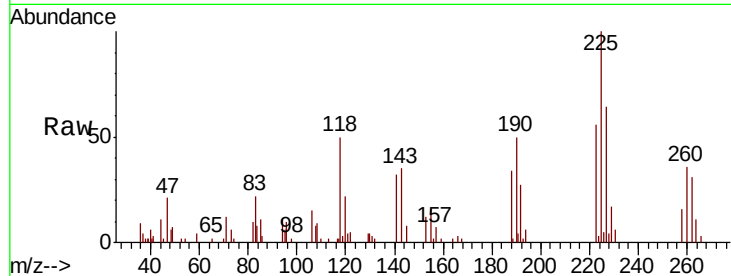
Tot Ion:225 Resp: 3934

Ion Ratio Lower Upper

225 100

223 64.9 0.0 121.4

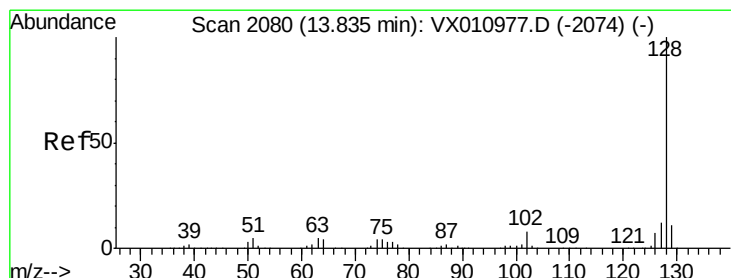
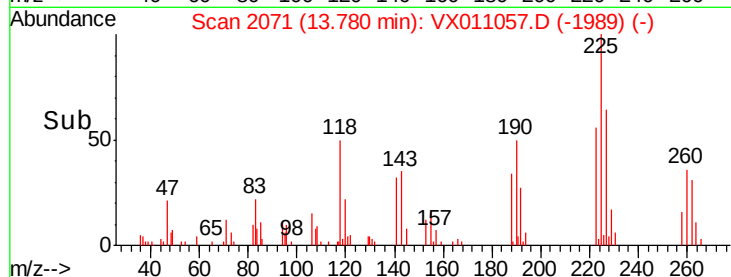
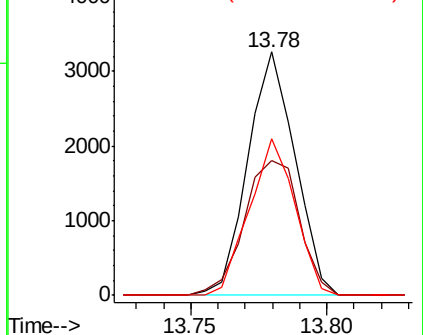
227 62.3 0.0 126.6



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 2.020 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011057.D

Acq: 24 Jul 2019 13:19

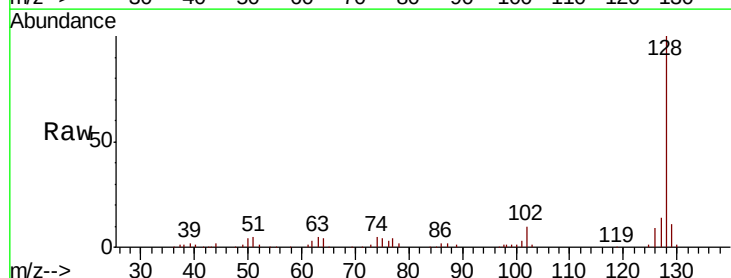
Tgt Ion:128 Resp: 20744

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

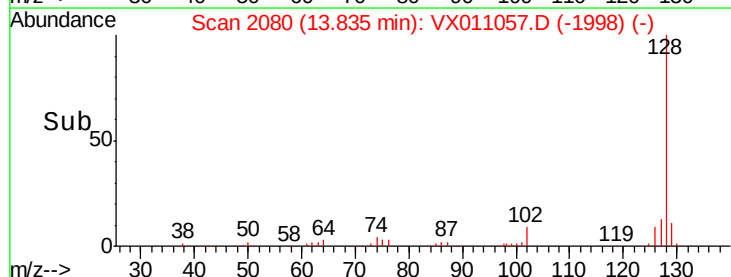
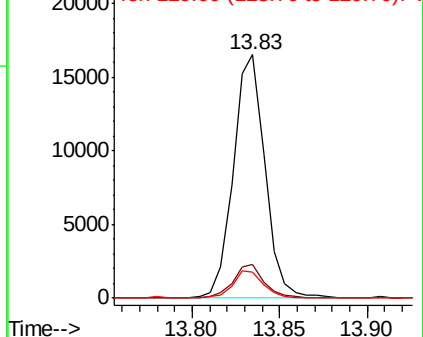
129 11.0 8.5 12.7

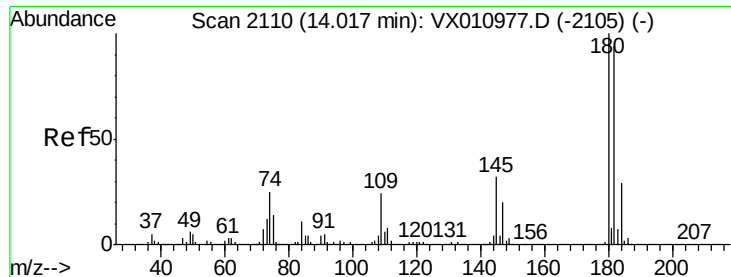


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 2.297 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011057.D
 Acq: 24 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 7750
 Ion Ratio Lower Upper
 180 100
 182 99.9 0.0 190.2
 145 32.2 0.0 63.8

