

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072419\
 Data File : VX011060.D
 Acq On : 24 Jul 2019 16:25
 Operator : JC/SP
 Sample : VX0724WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 03:23:16 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	5.02	128	35240	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	194925	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	176084	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	70880	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	11.13	95	86217	29.75	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.17%
63) Toluene-d8	8.71	98	232852	30.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	47204	20.261	ug/l 95
3) Chloromethane	1.33	50	38670	18.875	ug/l 100
4) Vinyl Chloride	1.41	62	40527	18.969	ug/l 94
5) Bromomethane	1.64	94	27759	23.603	ug/l 95
6) Chloroethane	1.73	64	24775	19.601	ug/l 95
7) Trichlorofluoromethane	1.93	101	71540	20.163	ug/l 98
8) Diethyl Ether	2.19	74	23610	20.262	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40475	20.639	ug/l 99
10) 1,1-Dichloroethene	2.37	96	38789	19.681	ug/l 99
11) Methyl Iodide	2.51	142	47498	17.947	ug/l 96
12) Methyl Acetate	2.77	43	57008	20.595	ug/l 98
13) Acrolein	2.29	56	29877	90.020	ug/l 100
14) Acrylonitrile	3.14	53	113633	104.889	ug/l 99
15) Acetone	2.44	58	33746	111.862	ug/l 100
16) Carbon Disulfide	2.57	76	81904	16.173	ug/l 99
17) Allyl chloride	2.73	41	54526	19.111	ug/l 98
18) Methylene Chloride	2.85	84	43318	19.739	ug/l 99
19) trans-1,2-Dichloroethene	3.17	96	40107	19.264	ug/l 99
20) Diisopropyl ether	3.85	45	122661	20.364	ug/l 98
21) 1,1-Dichloroethane	3.70	63	69754	20.124	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	47851	19.984	ug/l 97
23) tert-Butyl Alcohol	3.04	59	51439	90.940	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	130288	20.593	ug/l 100
25) Chloroform	5.21	83	75653	19.927	ug/l 99
26) Cyclohexane	5.58	56	58902	18.570	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	52740	19.239	ug/l 100
30) 2-Butanone	4.67	43	154191	104.205	ug/l 99
31) 2,2-Dichloropropane	4.59	77	55223	23.079	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	66171	20.017	ug/l 99
33) Carbon Tetrachloride	5.79	117	57019	19.838	ug/l 96
34) Benzene	6.15	78	166088	20.198	ug/l 99
35) Methacrylonitrile	5.04	41	31653	20.549	ug/l 93
36) 1,2-Dichloroethane	6.20	62	59330	20.179	ug/l 100
37) Trichloroethene	7.21	130	48664	20.215	ug/l 98
38) Methylcyclohexane	7.46	83	65402	18.905	ug/l 99
39) 1,2-Dichloropropane	7.51	63	42316	20.588	ug/l 99
40) Dibromomethane	7.66	93	31179	20.626	ug/l 98

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Instrument :
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 ClientSampleId :

Quant Time: Jul 25 03:23:16 2019
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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	7.90	83	54442	19.786	ug/l	96
42) Vinyl Acetate	3.81	43	494821	101.500	ug/l	99
43) Ethyl Acetate	4.83	43	57773	20.340	ug/l	98
44) Isopropyl Acetate	6.44	43	91691	19.819	ug/l	99
45) 1,4-Dioxane	7.74	88	25018	415.477	ug/l	97
46) Methyl methacrylate	7.77	41	45480	20.253	ug/l	99
47) n-amyl Acetate	10.90	43	82476	19.878	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	55586	19.169	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	63472	20.058	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	46135	20.853	ug/l	98
51) Ethyl methacrylate	9.18	69	68020	19.879	ug/l	94
52) 1,3-Dichloropropane	9.37	76	72085	20.276	ug/l	98
53) Dibromochloromethane	9.58	129	46298	19.377	ug/l	99
54) 1,2-Dibromoethane	9.67	107	49297	20.504	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	140951	97.277	ug/l	99
56) Bromoform	10.85	173	32820	18.443	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	306812	103.174	ug/l	100
59) 2-Hexanone	9.49	43	236763	104.047	ug/l	100
61) Tetrachloroethene	9.34	164	49483	21.284	ug/l	96
62) Toluene	8.78	91	191240	20.444	ug/l	100
64) Chlorobenzene	10.13	112	121563	20.284	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	44317	20.346	ug/l	98
66) Ethyl Benzene	10.25	91	214485	20.368	ug/l	100
67) m/p-Xylenes	10.36	106	163931	40.688	ug/l	98
68) o-Xylene	10.69	106	80976	20.512	ug/l	100
69) Styrene	10.71	104	134602	20.284	ug/l	100
70) Isopropylbenzene	11.02	105	217733	20.712	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	69872	20.613	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	75648	26.737	ug/l	85
73) Bromobenzene	11.25	156	58601	20.661	ug/l	99
74) n-propylbenzene	11.36	91	243287	20.563	ug/l	99
75) 2-Chlorotoluene	11.42	91	145287	20.618	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	180964	20.337	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	18418	19.730	ug/l	96
78) 4-Chlorotoluene	11.51	91	166647	20.592	ug/l	100
79) tert-butylbenzene	11.77	119	176886	20.495	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	184533	20.594	ug/l	100
81) sec-Butylbenzene	11.94	105	211198	20.759	ug/l	100
82) p-Isopropyltoluene	12.06	119	193429	20.489	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	103881	20.746	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	100231	20.140	ug/l	99
85) n-Butylbenzene	12.38	91	165065	20.533	ug/l	99
86) Hexachloroethane	12.59	117	28191	18.934	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	102092	20.825	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14788	19.817	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	68672	20.309	ug/l	99
90) Hexachlorobutadiene	13.78	225	34833	21.306	ug/l	99
91) Naphthalene	13.83	128	217288	21.060	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	72240	21.315	ug/l	100

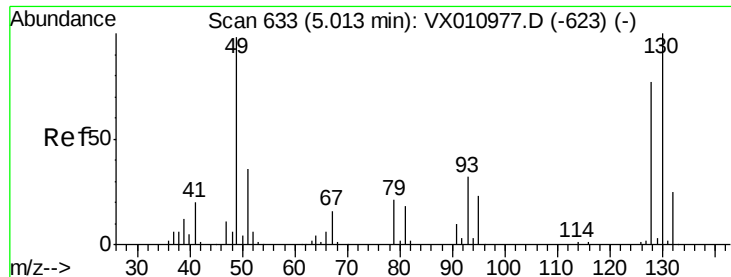
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

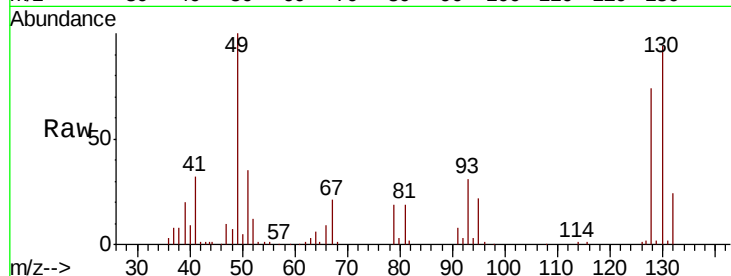
Tot Ion:128 Resp: 35240

Ion Ratio Lower Upper

128 100

49 137.0 0.0 343.5

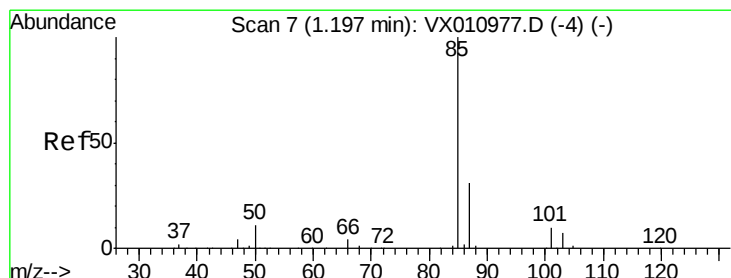
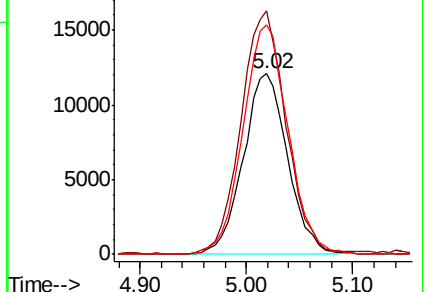
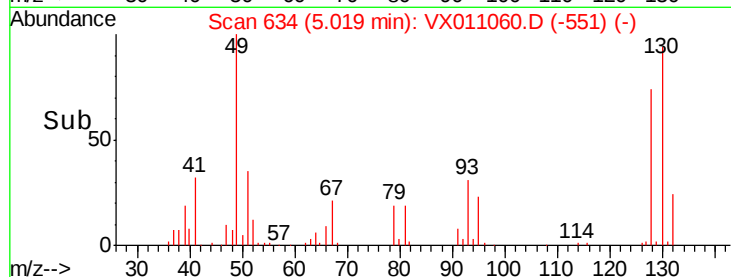
130 129.5 0.0 324.7



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: 20.261 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX011060.D

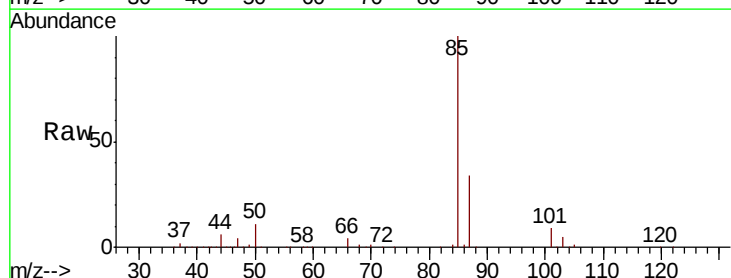
Acq: 24 Jul 2019 16:25

Tgt Ion: 85 Resp: 47204

Ion Ratio Lower Upper

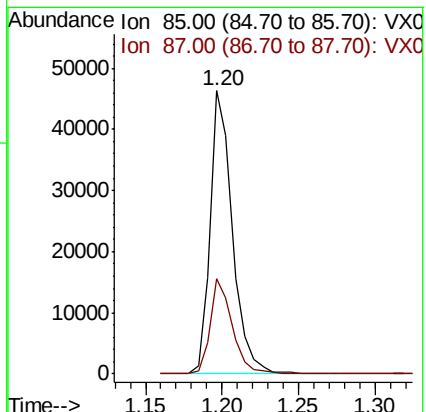
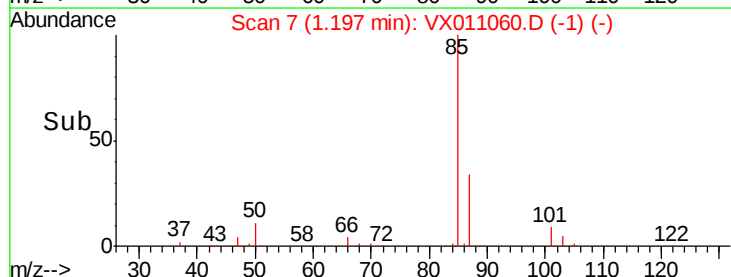
85 100

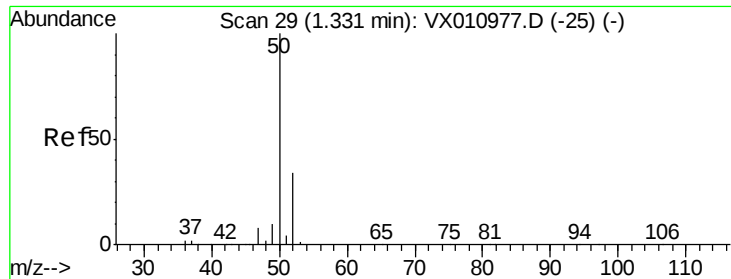
87 33.5 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.875 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

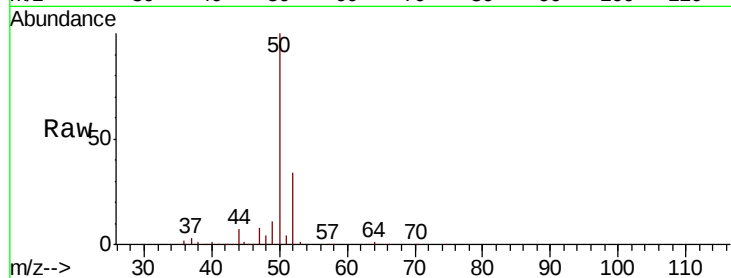
ClientSampleId :

Tot Ion: 50 Resp: 38670

Ion Ratio Lower Upper

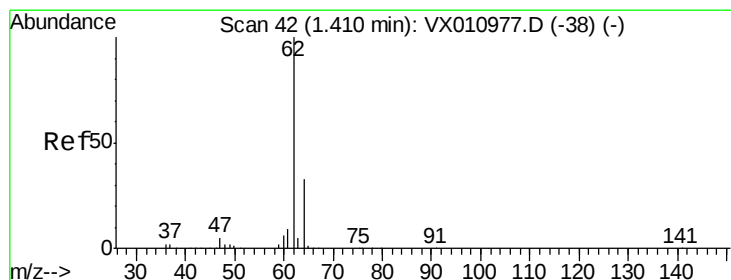
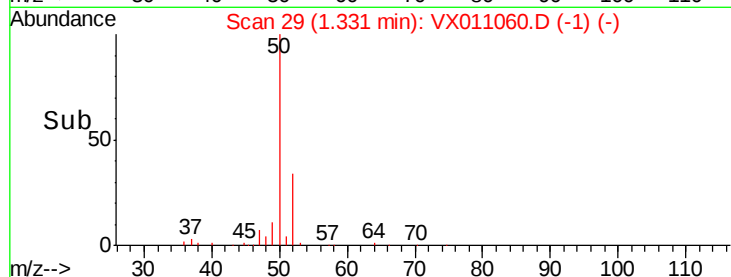
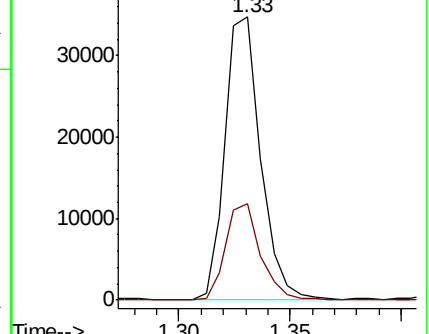
50 100

52 34.2 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: 18.969 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011060.D

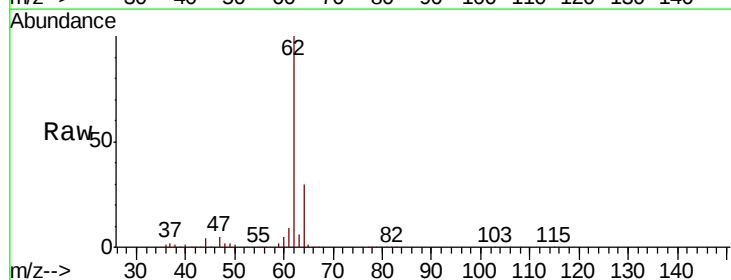
Acq: 24 Jul 2019 16:25

Tgt Ion: 62 Resp: 40527

Ion Ratio Lower Upper

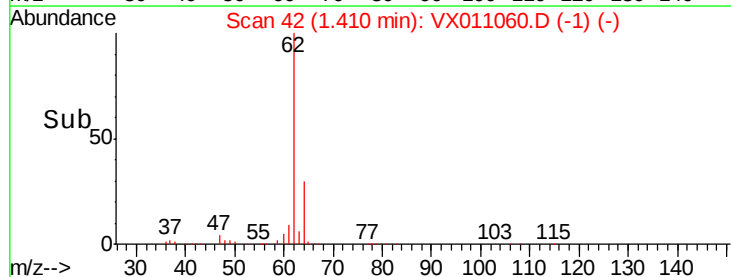
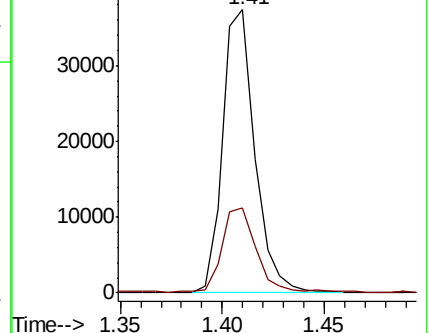
62 100

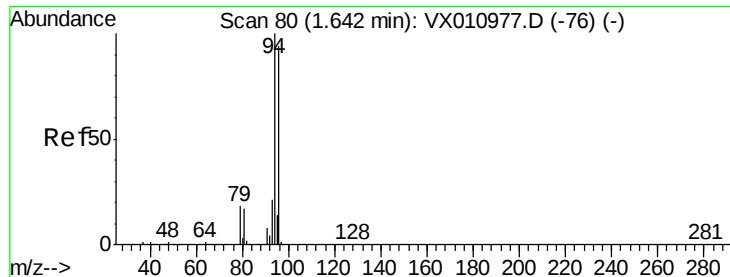
64 29.9 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 23.603 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

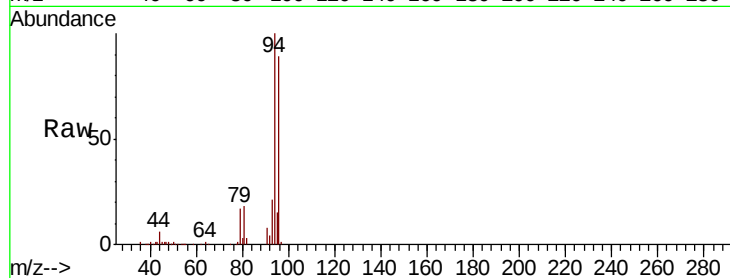
ClientSampled :

Tot Ion: 94 Resp: 27759

Ion Ratio Lower Upper

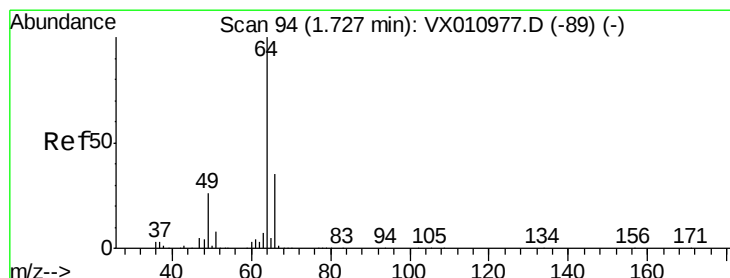
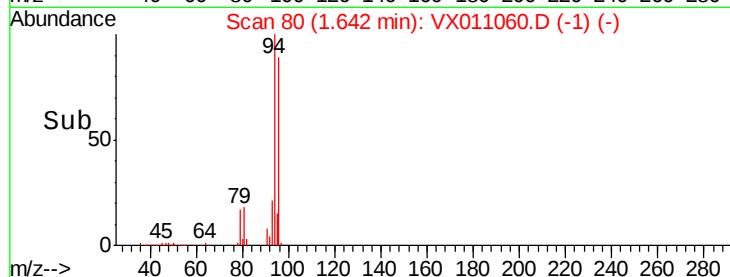
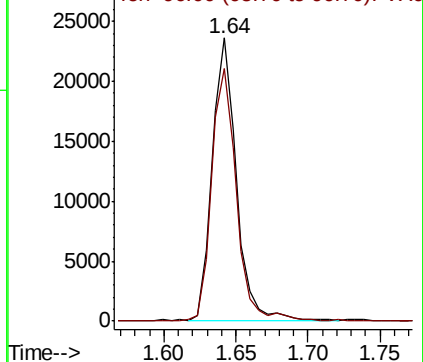
94 100

96 89.2 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: 19.601 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX011060.D

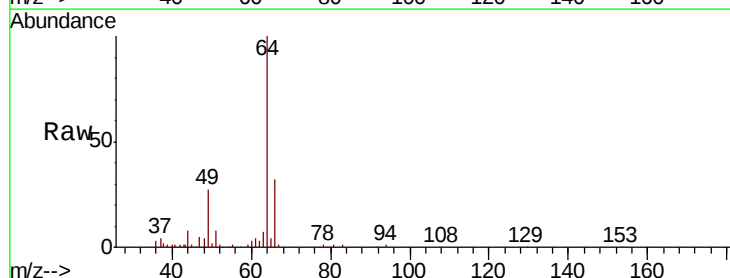
Acq: 24 Jul 2019 16:25

Tgt Ion: 64 Resp: 24775

Ion Ratio Lower Upper

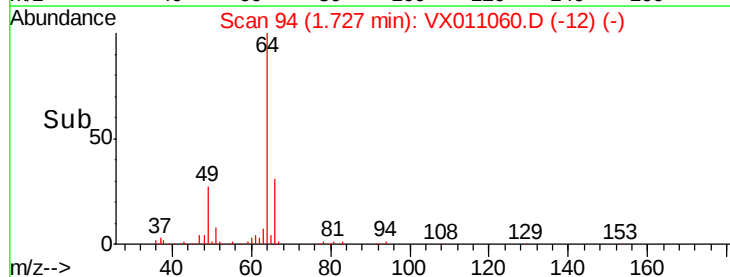
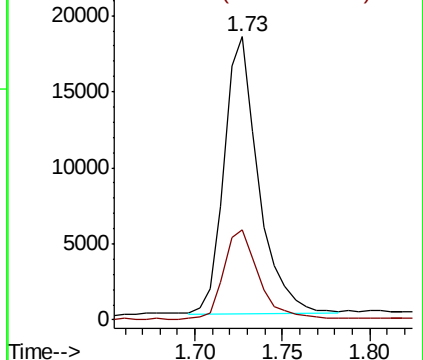
64 100

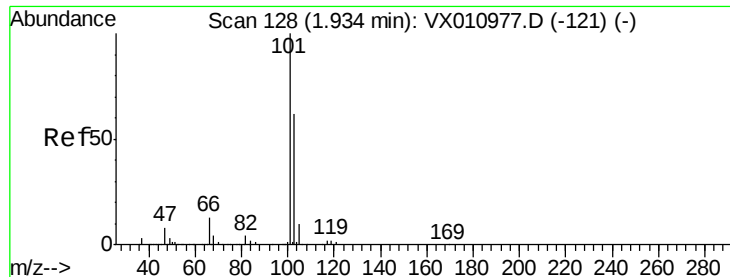
66 32.1 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



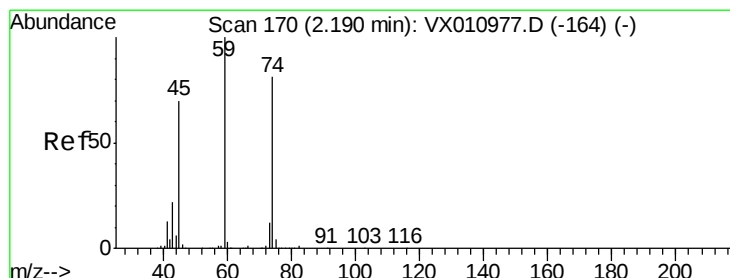
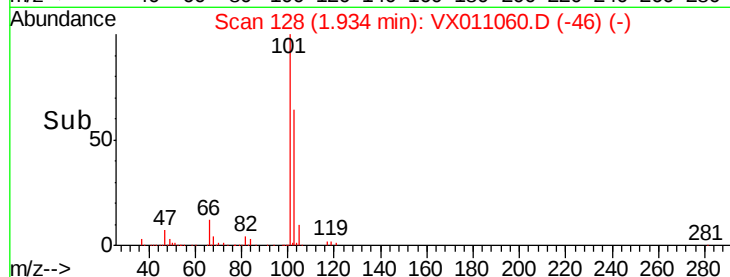
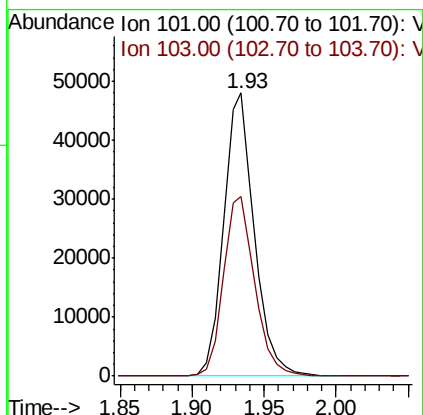
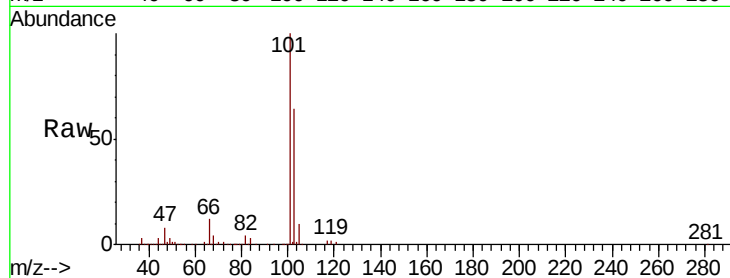


#7

Trichlorofluoromethane
 Concen: 20.163 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampled :

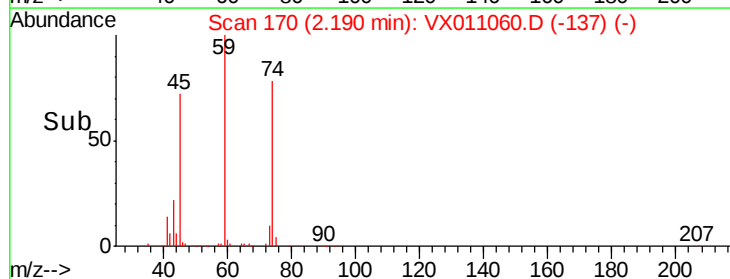
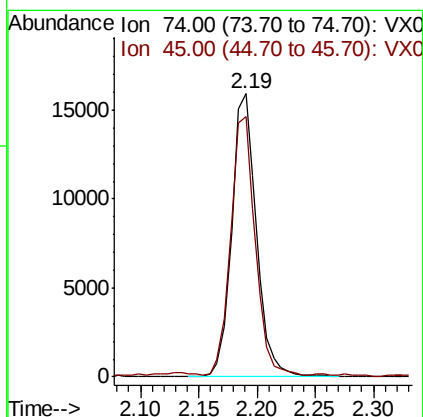
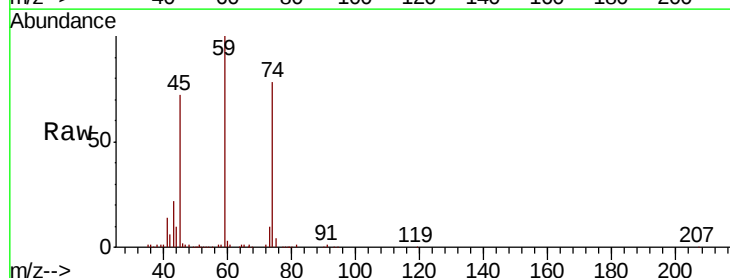
Tot Ion:101 Resp: 71540
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.6 74.4

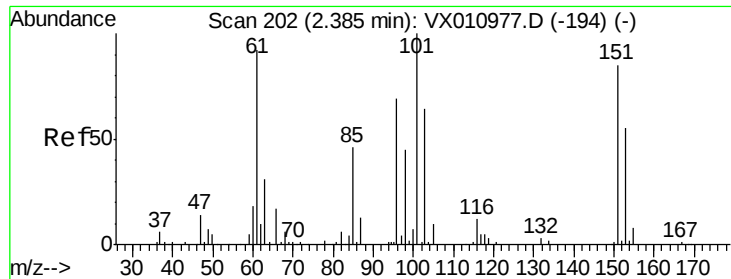


#8

Diethyl Ether
 Concen: 20.262 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 74 Resp: 23610
 Ion Ratio Lower Upper
 74 100
 45 91.7 18.3 164.3

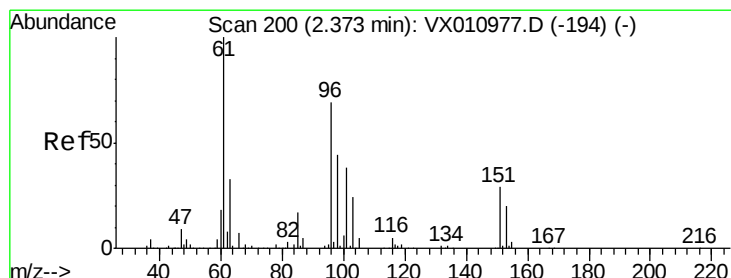
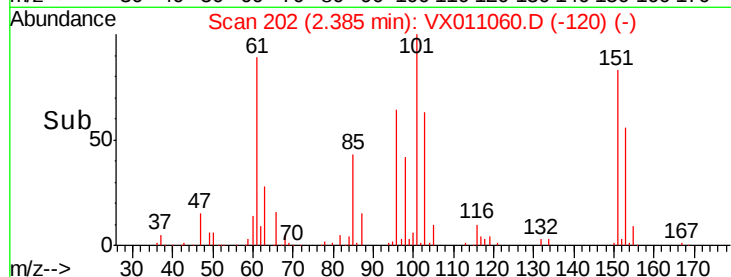
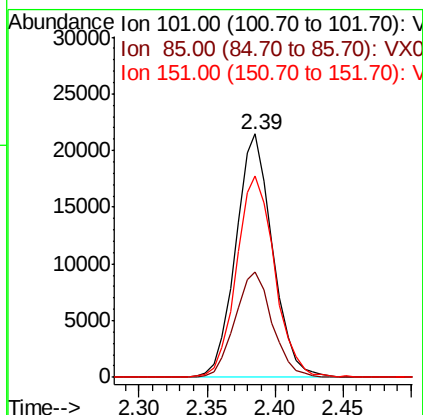
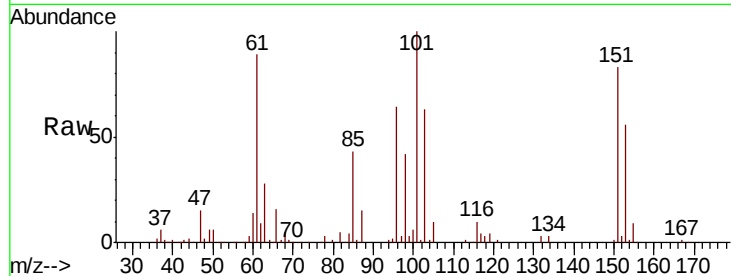




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.639 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

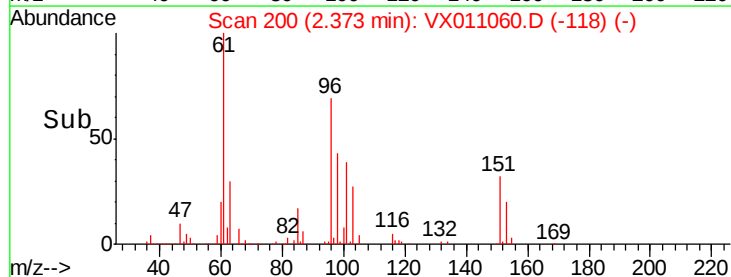
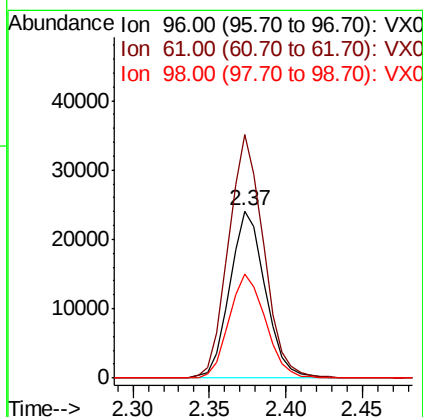
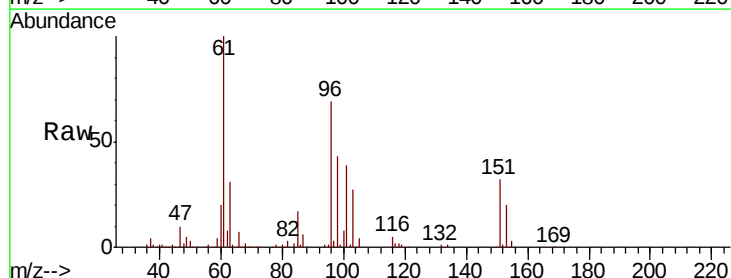
Instrument :
 MSVOA_X
 ClientSampled :

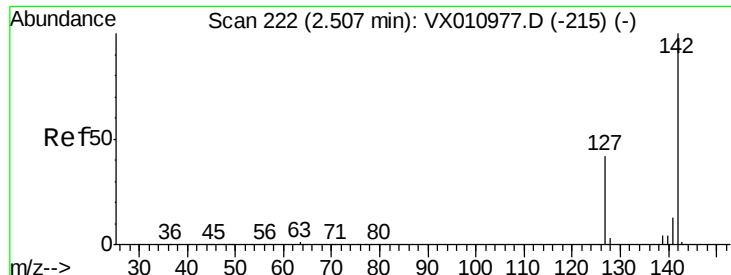
Tot Ion:101 Resp: 40475
 Ion Ratio Lower Upper
 101 100
 85 43.6 0.0 89.8
 151 86.0 0.0 172.2



#10
 1,1-Dichloroethene
 Concen: 19.681 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 96 Resp: 38789
 Ion Ratio Lower Upper
 96 100
 61 145.5 115.9 173.9
 98 61.9 50.6 75.8

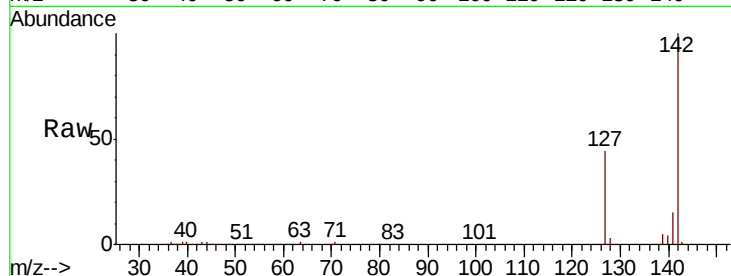




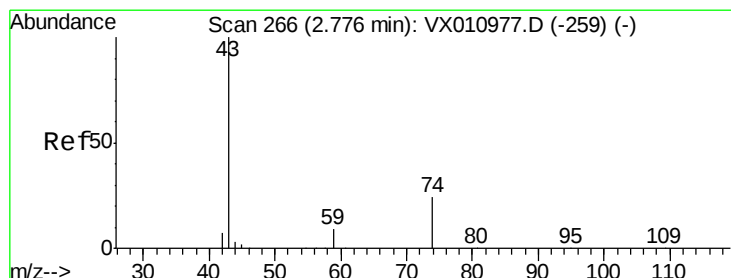
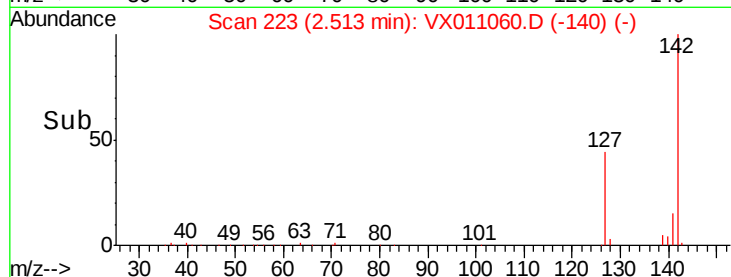
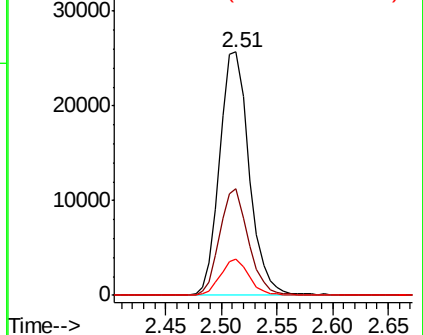
#11
Methvl Iodide
Concen: 17.947 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 47498
Ion Ratio Lower Upper
142 100
127 43.7 20.7 62.1
141 15.2 6.7 20.0

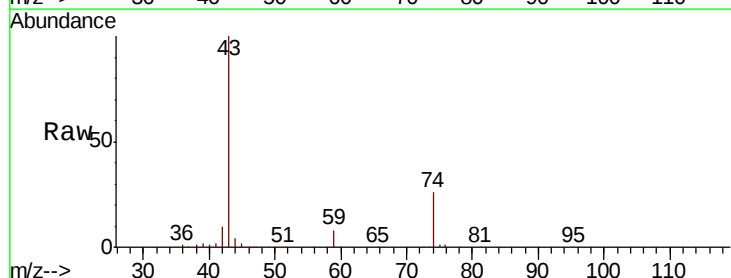


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

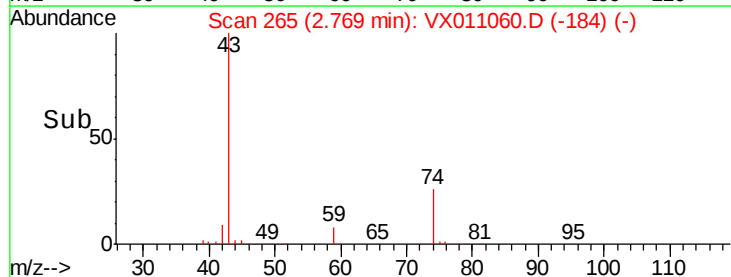
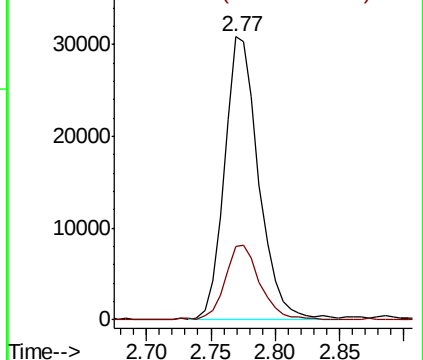


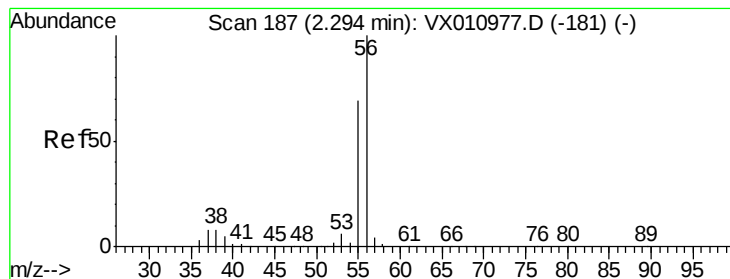
#12
Methyl Acetate
Concen: 20.595 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 43 Resp: 57008
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 90.020 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

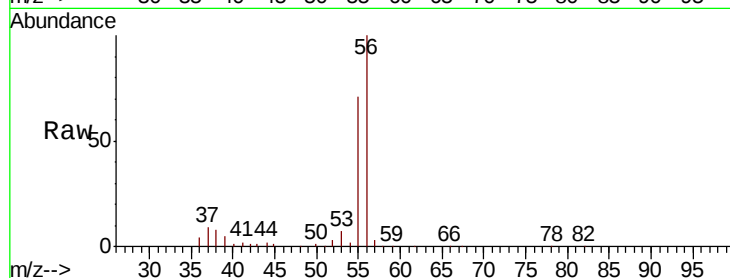
ClientSampled :

Tot Ion: 56 Resp: 29877

Ion Ratio Lower Upper

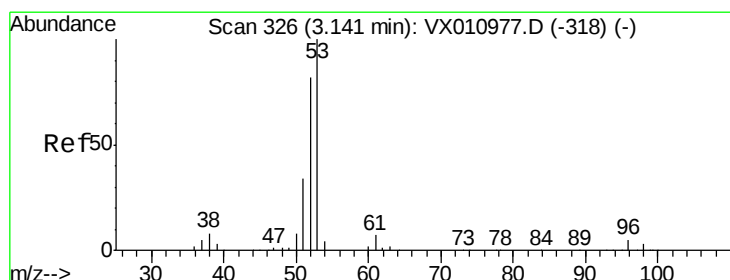
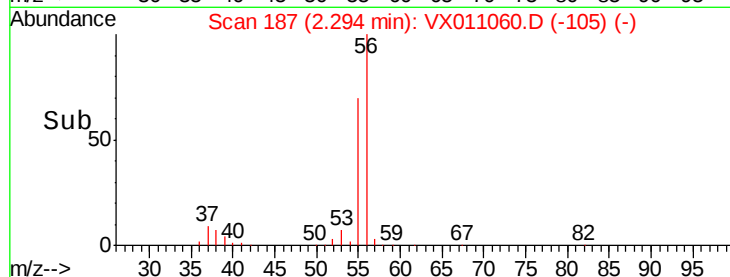
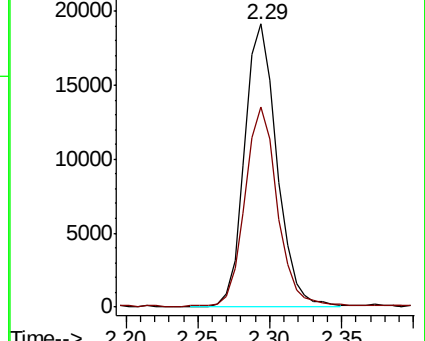
56 100

55 69.9 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: 104.889 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

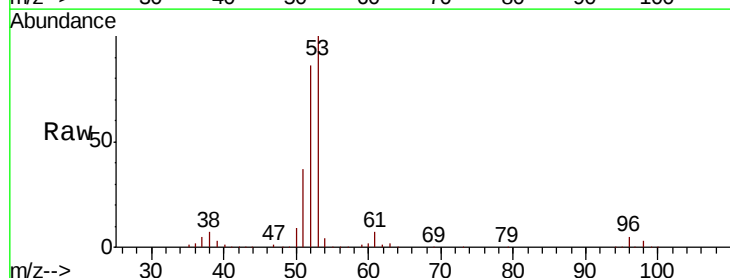
Tgt Ion: 53 Resp: 113633

Ion Ratio Lower Upper

53 100

52 81.5 41.1 123.4

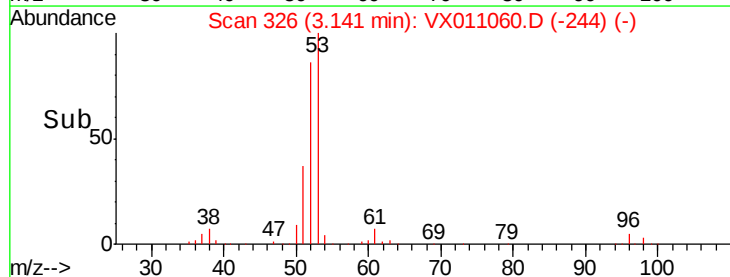
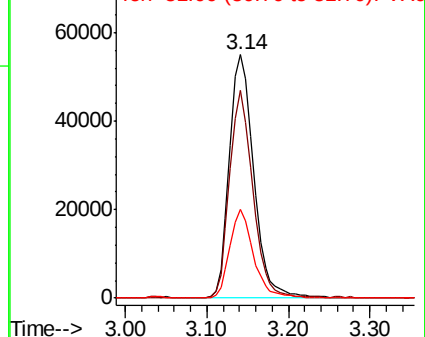
51 35.6 17.8 53.3

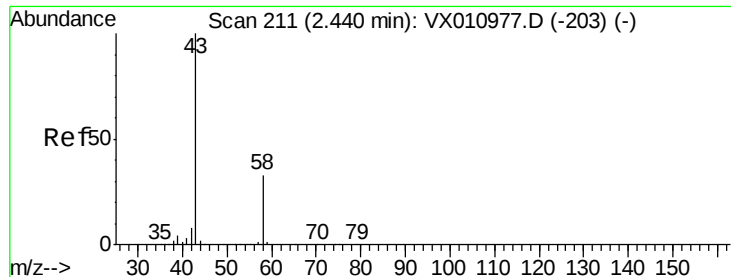


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 111.862 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

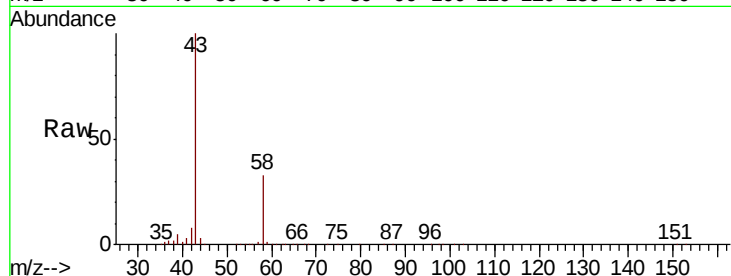
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 33746

Ion Ratio Lower Upper

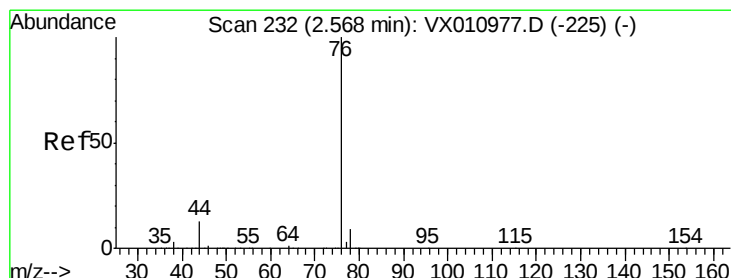
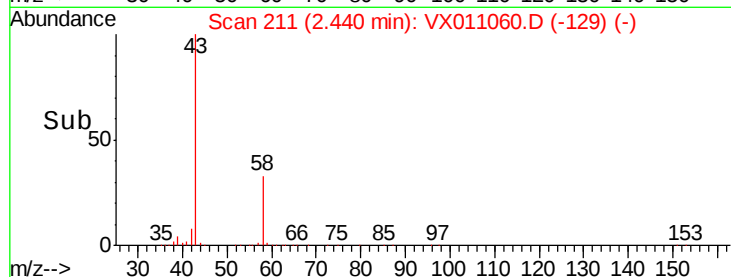
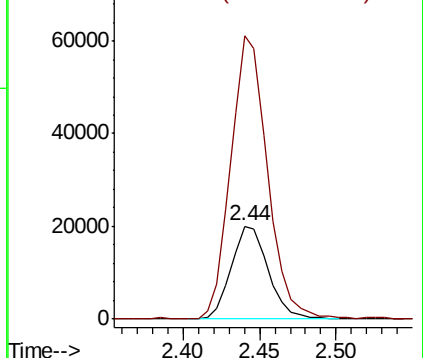
58 100

43 304.5 243.8 365.6



Abundance Ion 58.00 (57.70 to 58.70): VX010977.D (-203) (-)

Ion 43.00 (42.70 to 43.70): VX010977.D (-203) (-)



#16

Carbon Disulfide

Concen: 16.173 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011060.D

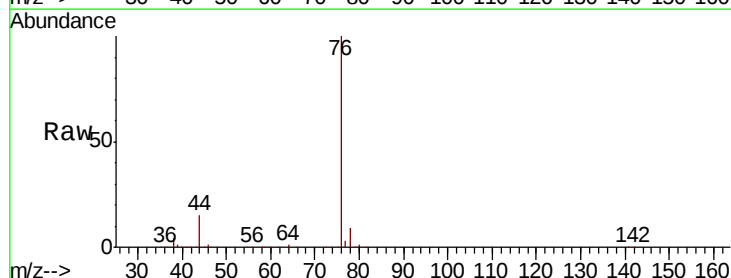
Acq: 24 Jul 2019 16:25

Tgt Ion: 76 Resp: 81904

Ion Ratio Lower Upper

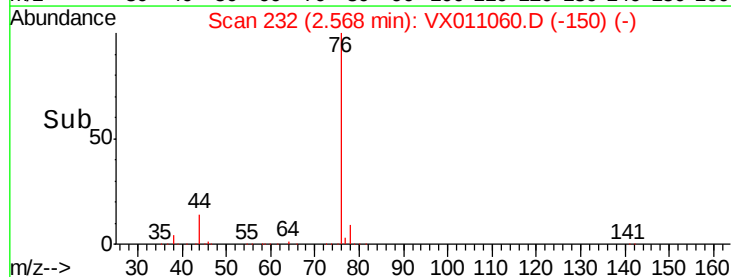
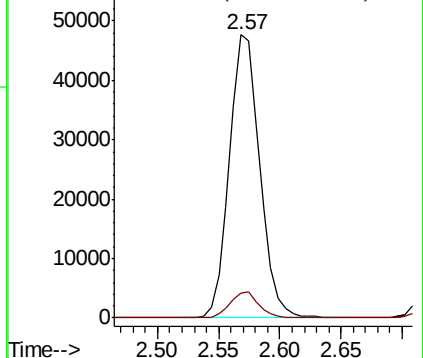
76 100

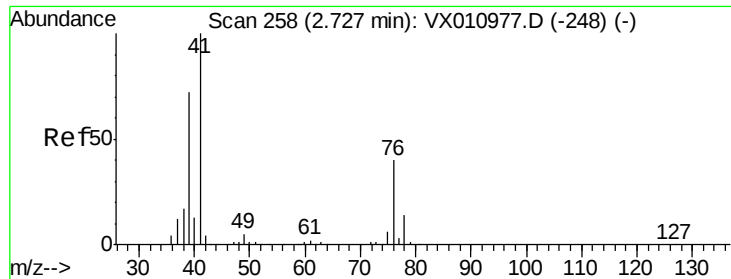
78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX010977.D (-225) (-)

Ion 78.00 (77.70 to 78.70): VX010977.D (-225) (-)

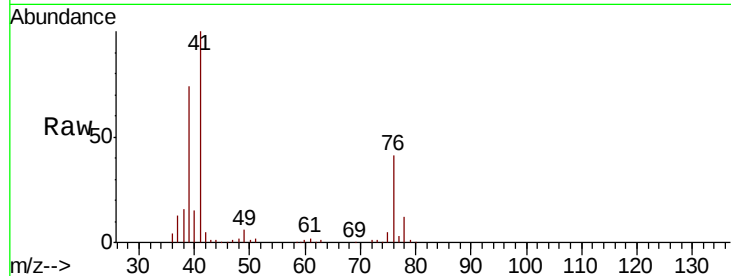




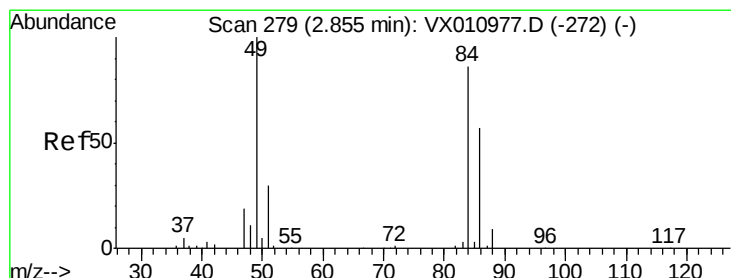
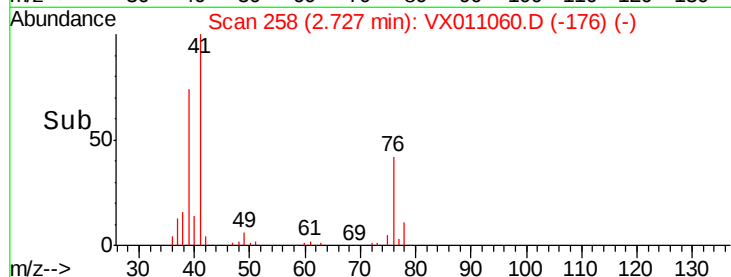
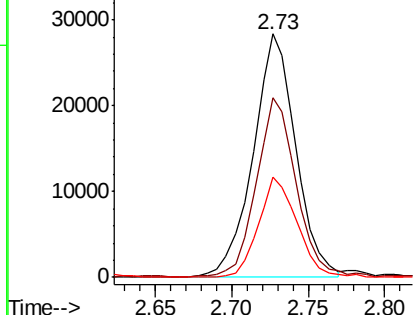
#17
Allvl chloride
Concen: 19.111 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 54526
Ion Ratio Lower Upper
41 100
39 73.7 36.1 108.3
76 41.2 20.2 60.5

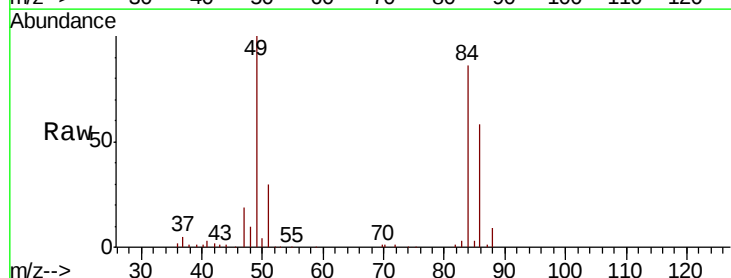


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 76.00 (75.70 to 76.70): VX0

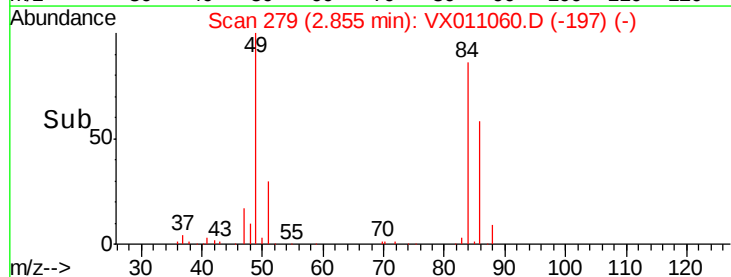
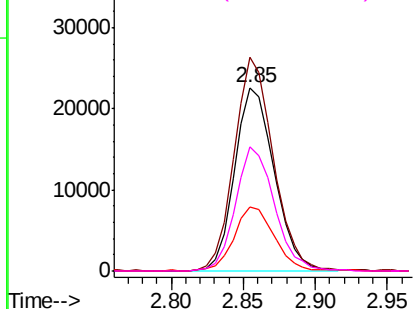


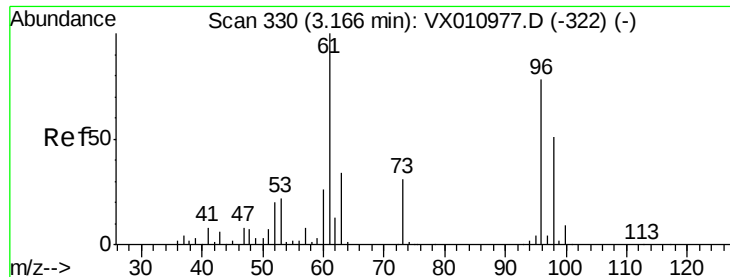
#18
Methylene Chloride
Concen: 19.739 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 84 Resp: 43318
Ion Ratio Lower Upper
84 100
49 116.3 93.2 139.8
51 34.5 28.6 42.8
86 67.3 52.9 79.3



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

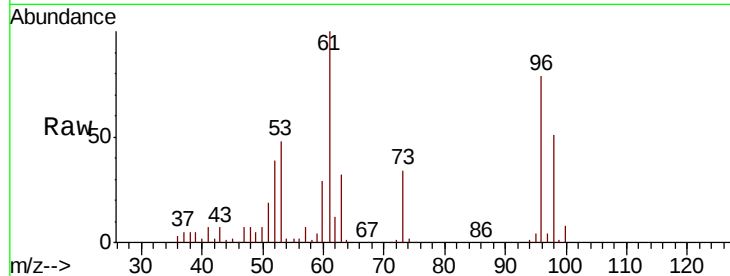




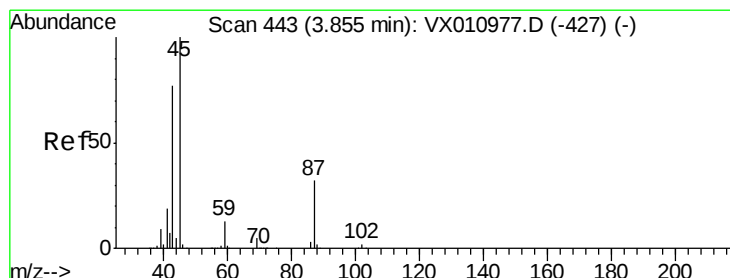
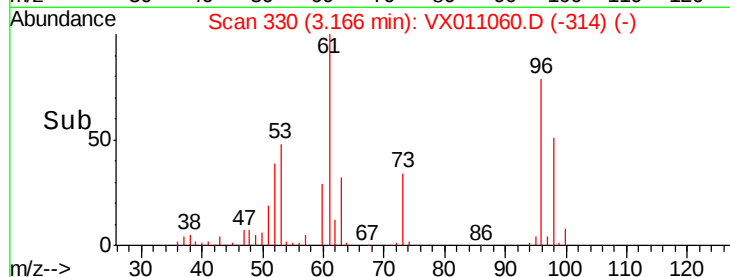
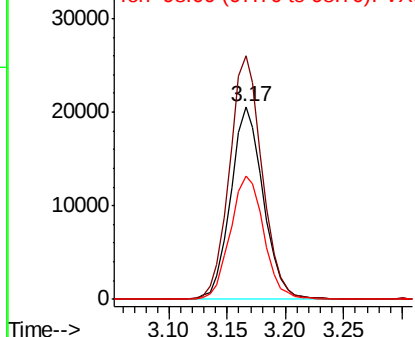
#19
trans-1,2-Dichloroethene
Concen: 19.264 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 40107
Ion Ratio Lower Upper
96 100
61 126.3 102.2 153.4
98 64.2 52.2 78.2

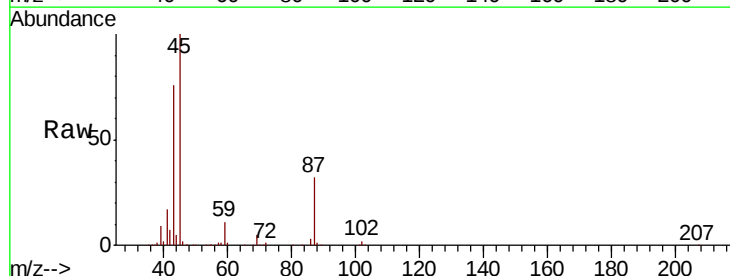


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

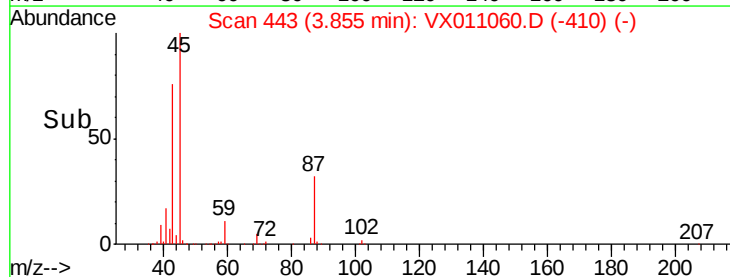
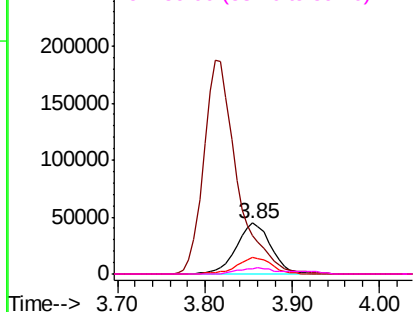


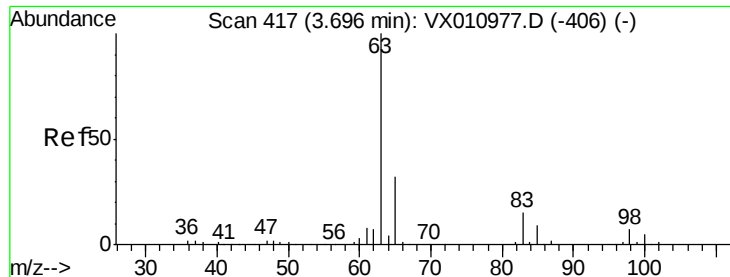
#20
Diisopropyl ether
Concen: 20.364 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 45 Resp: 122661
Ion Ratio Lower Upper
45 100
43 75.2 61.5 92.3
87 32.1 25.4 38.2
59 11.3 10.2 15.2



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

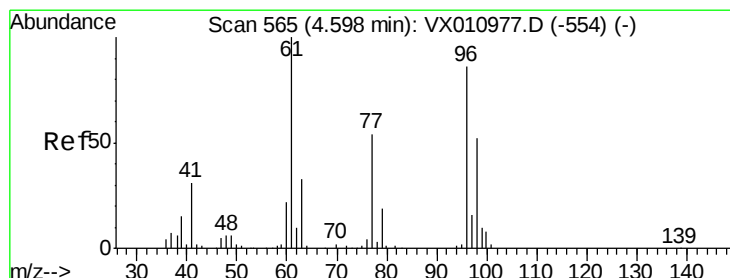
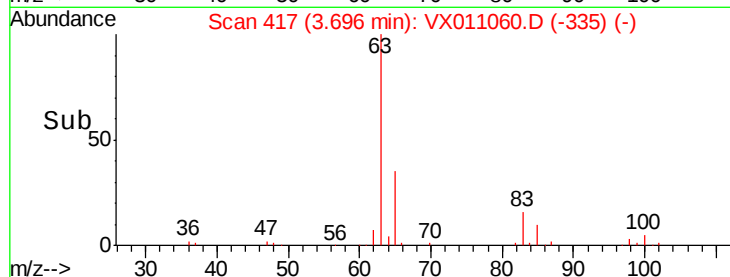
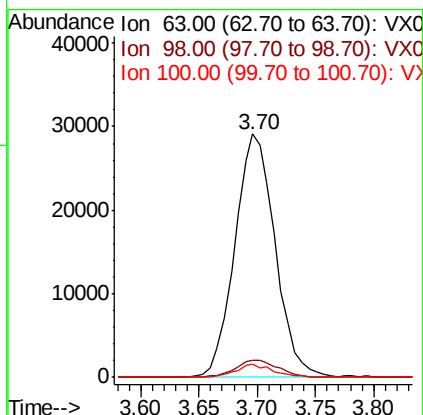
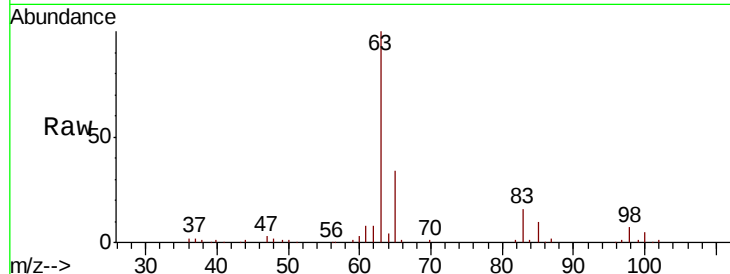




#21
 1,1-Dichloroethane
 Concen: 20.124 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

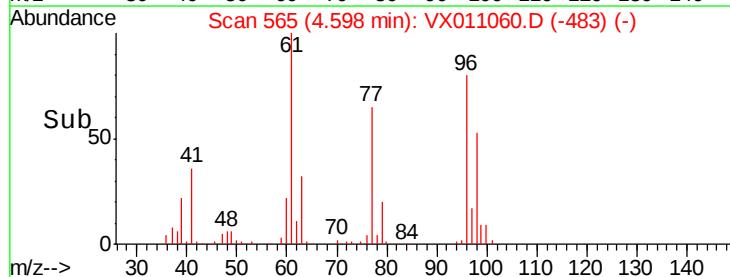
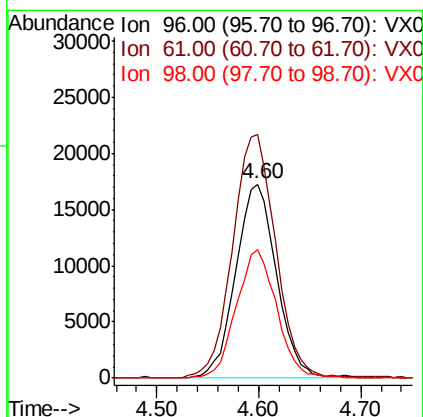
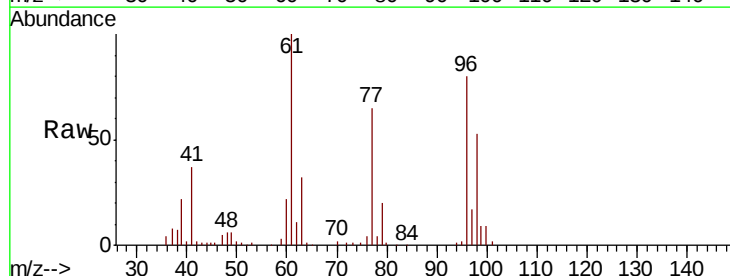
Instrument :
 MSVOA_X
 ClientSampleId :

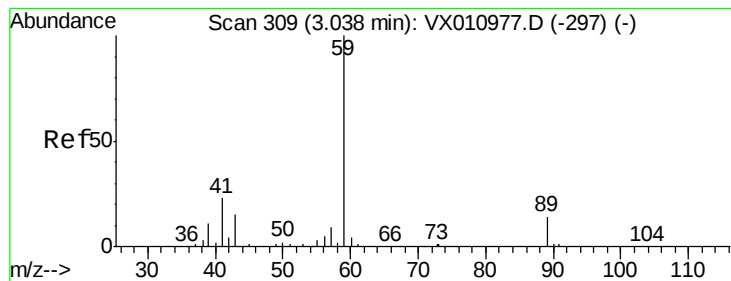
Tot Ion: 63 Resp: 69754
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 5.2 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 19.984 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 96 Resp: 47851
 Ion Ratio Lower Upper
 96 100
 61 132.7 102.9 154.3
 98 65.4 50.9 76.3



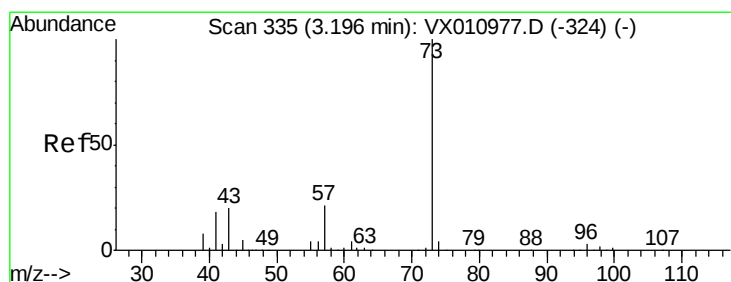
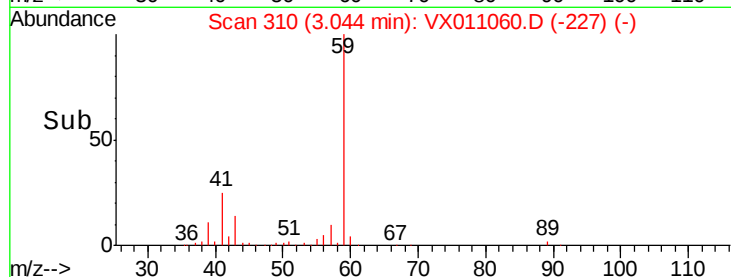
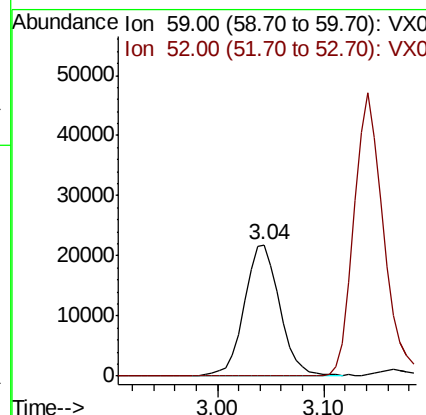
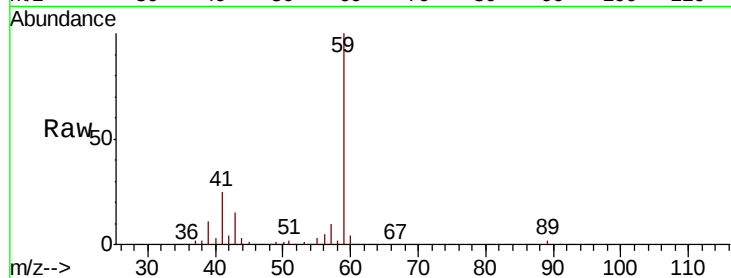


#23

tert-Butyl Alcohol
 Concen: 90.940 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

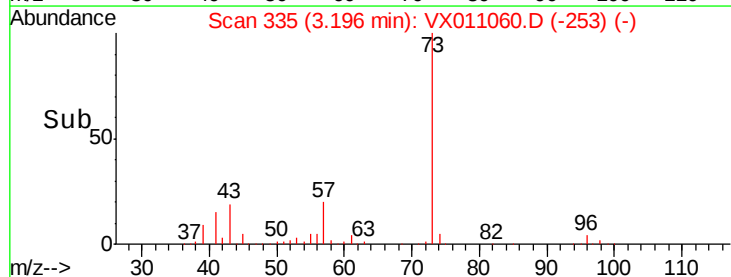
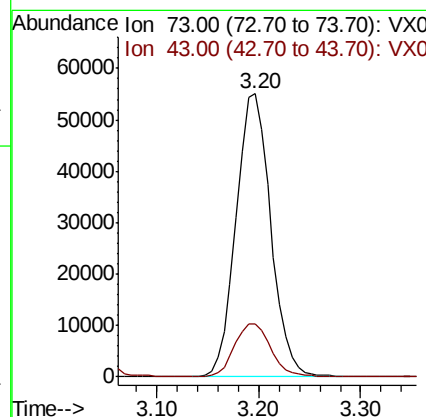
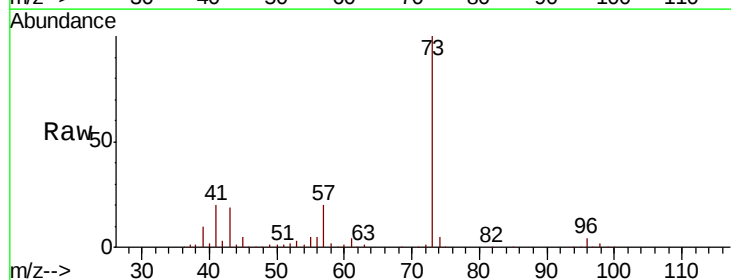
Tot Ion: 59 Resp: 51439
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.4#

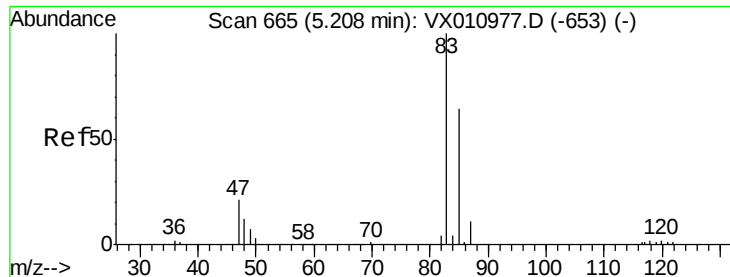


#24

Methyl tert-Butyl Ether
 Concen: 20.593 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 73 Resp: 130288
 Ion Ratio Lower Upper
 73 100
 43 19.6 15.8 23.6

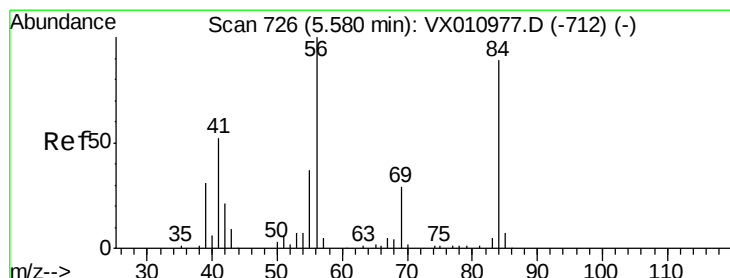
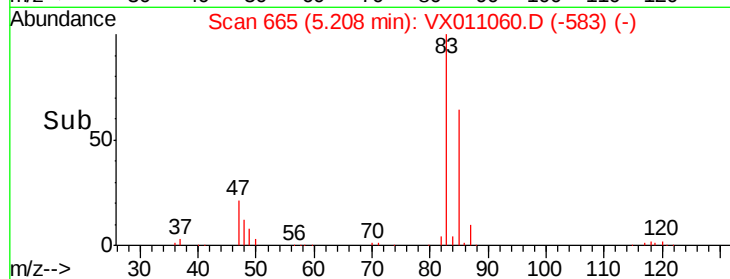
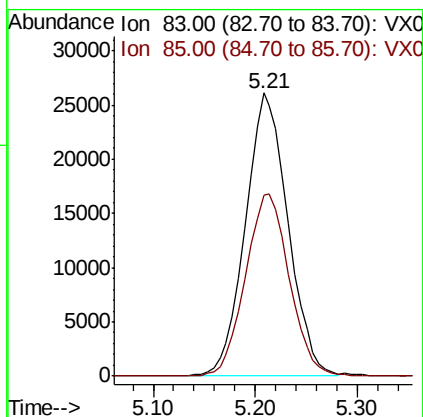
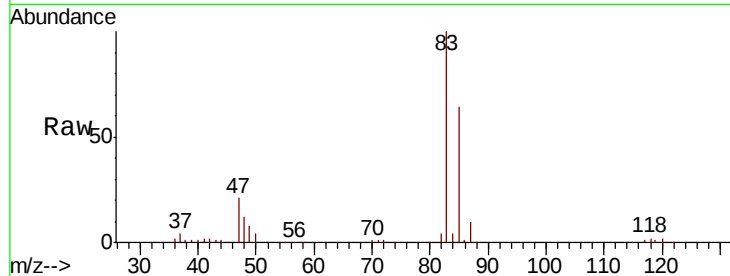




#25
Chloroform
Concen: 19.927 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

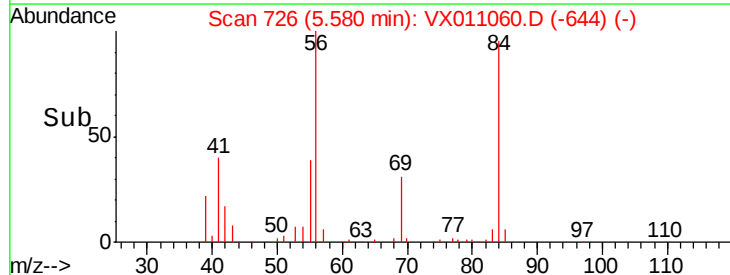
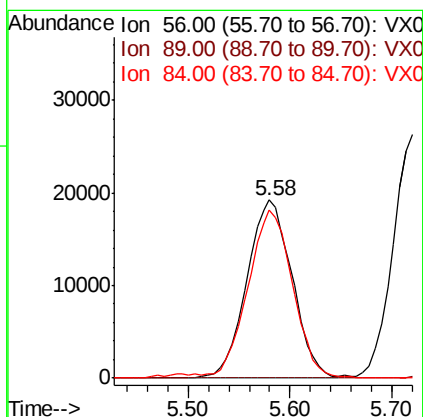
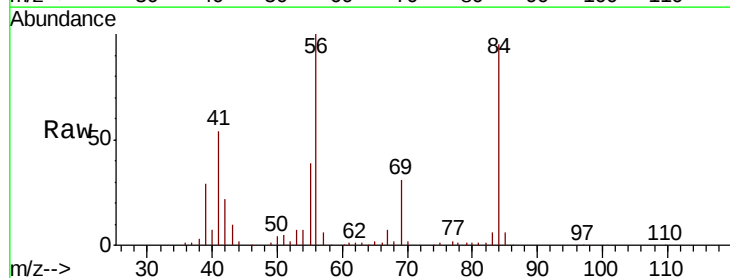
Instrument :
MSVOA_X
ClientSampleId :

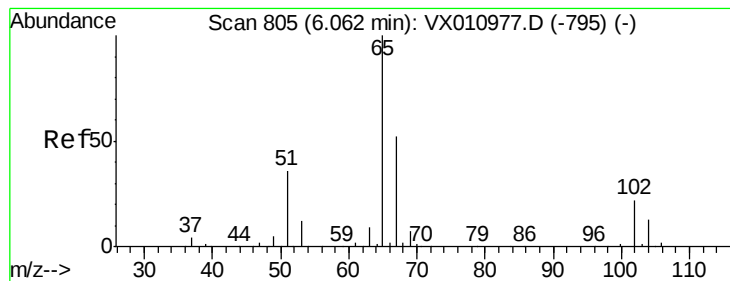
Tot Ion: 83 Resp: 75653
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3



#26
Cyclohexane
Concen: 18.570 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 56 Resp: 58902
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.9 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 29.668 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

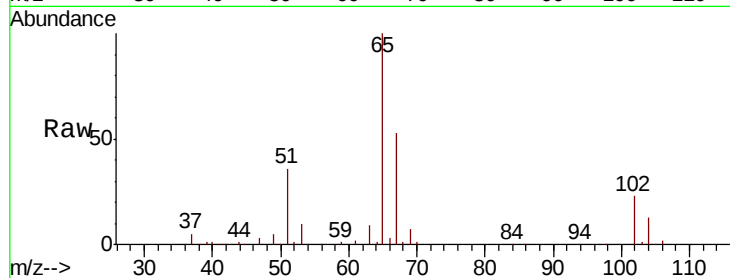
ClientSampleId :

Tot Ion: 65 Resp: 70880

Ion Ratio Lower Upper

65 100

67 52.9 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.06

25000

20000

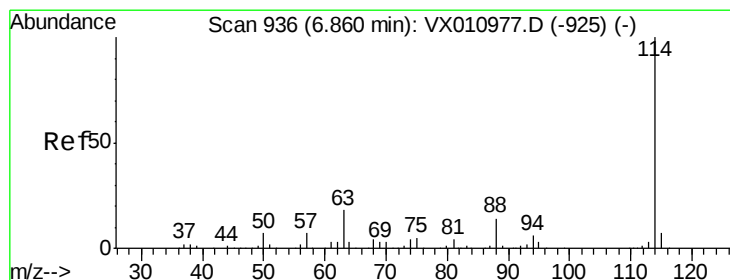
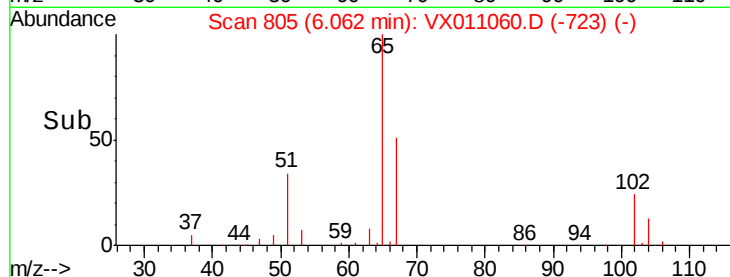
15000

10000

5000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

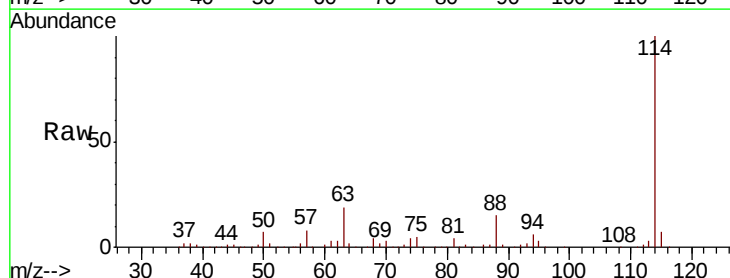
Tgt Ion: 114 Resp: 194925

Ion Ratio Lower Upper

114 100

63 18.5 14.6 22.0

88 15.0 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.86

100000

80000

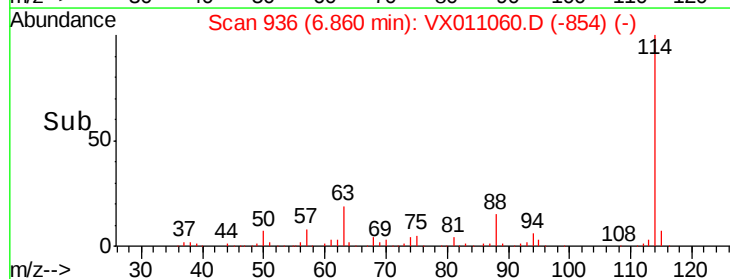
60000

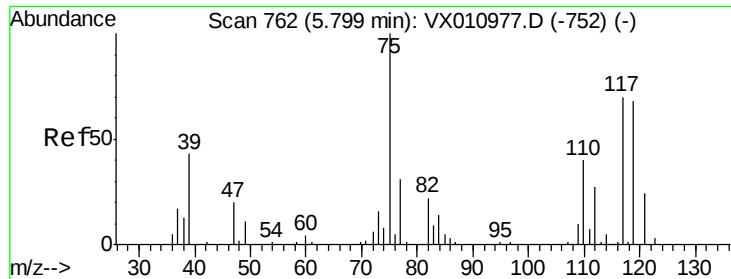
40000

20000

0

Time-->

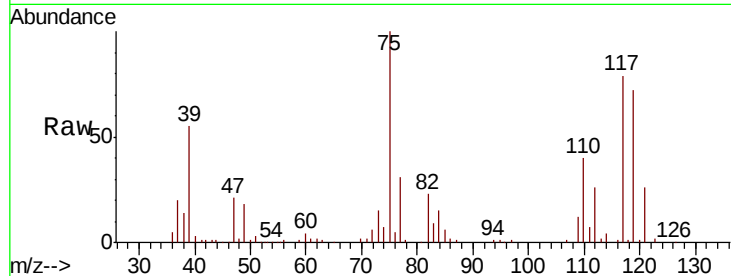




#29
 1,1-Dichloropropene
 Concen: 19.239 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	40.2	0.0	79.8
77	31.2	0.0	62.2

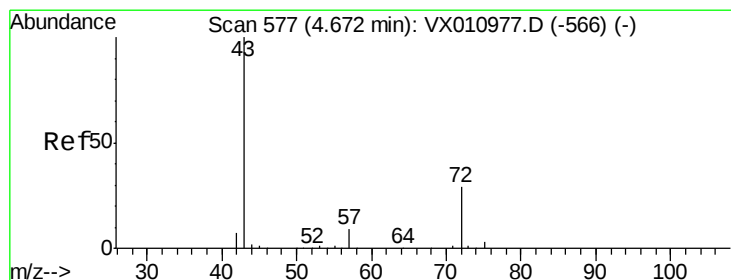
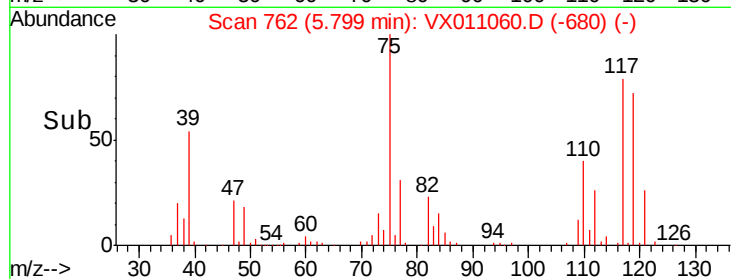
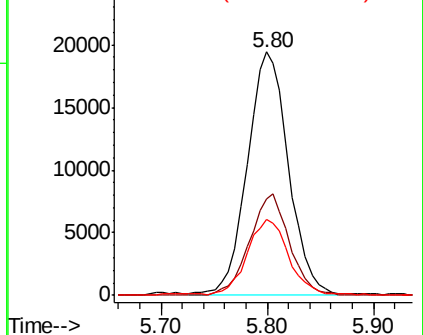


Abundance

Ion 75.00 (74.70 to 75.70): VX0

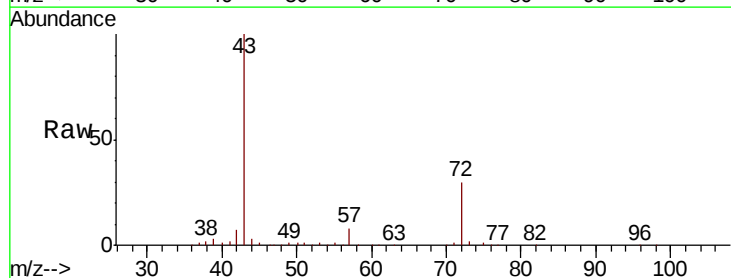
Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30
 2-Butanone
 Concen: 104.205 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.8	10.2
72	29.7	23.2	34.8

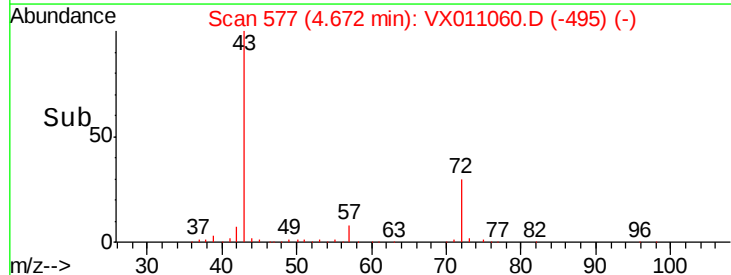
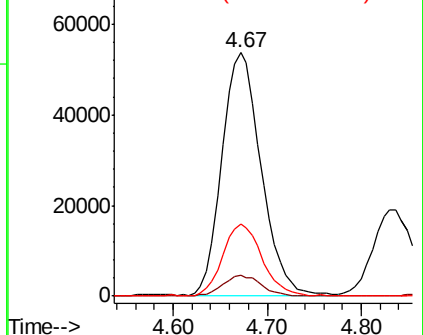


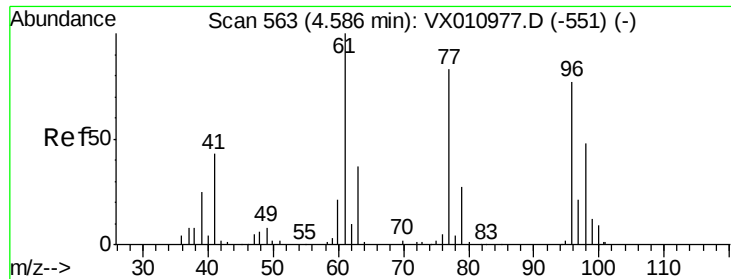
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

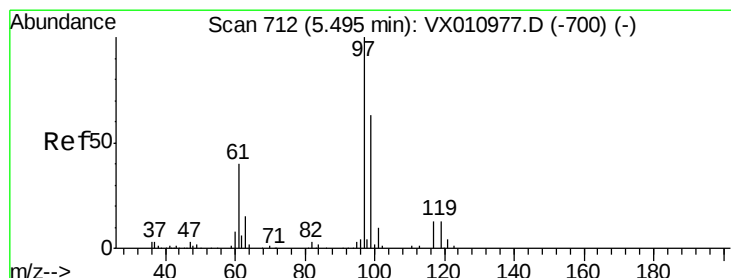
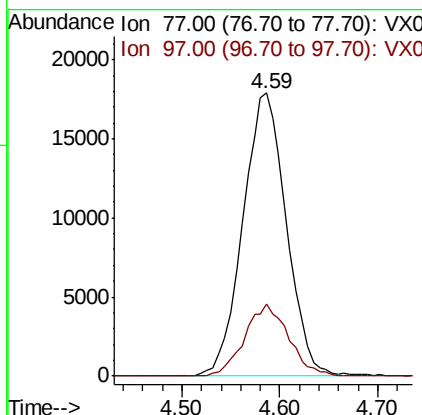
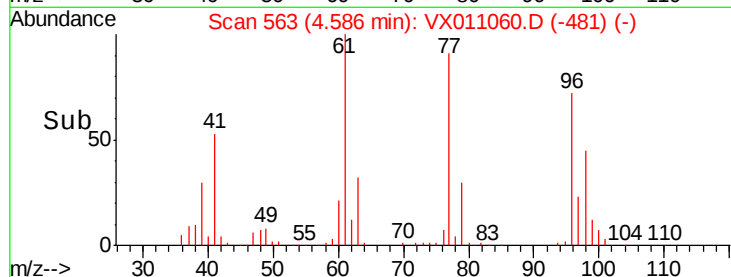
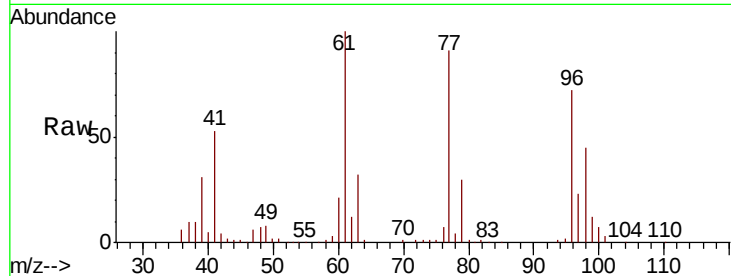




#31
 2,2-Dichloropropane
 Concen: 23.079 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

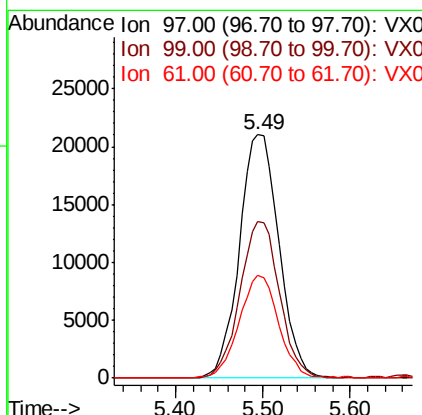
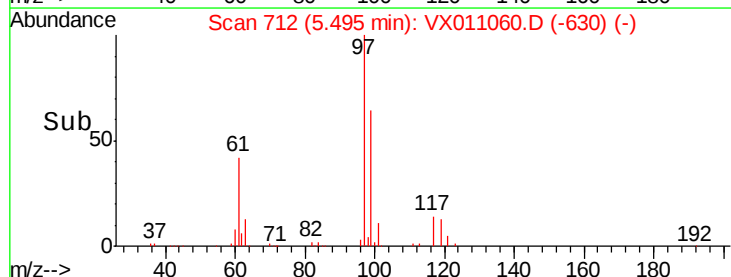
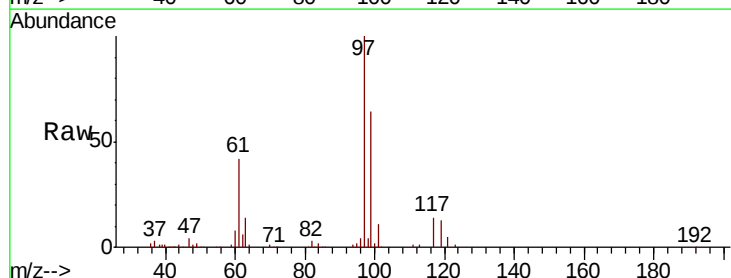
Instrument :
 MSVOA_X
 ClientSampleId :

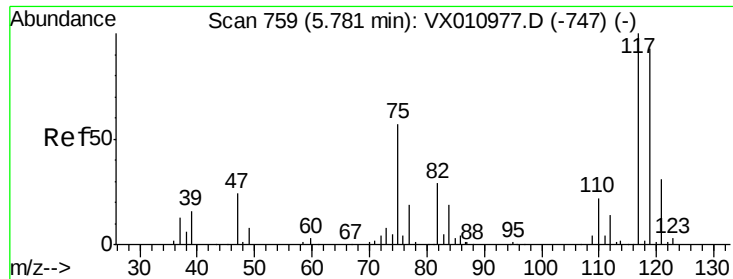
Tot Ion: 77 Resp: 55223
 Ion Ratio Lower Upper
 77 100
 97 25.8 20.9 31.3



#32
 1,1,1-Trichloroethane
 Concen: 20.017 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 97 Resp: 66171
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.0 76.6
 61 42.0 34.3 51.5

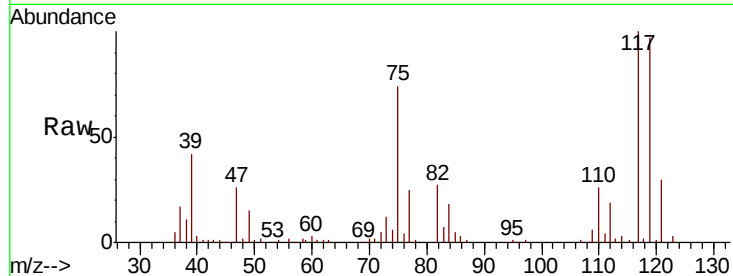




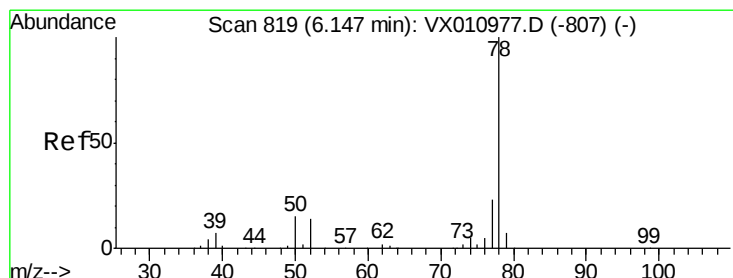
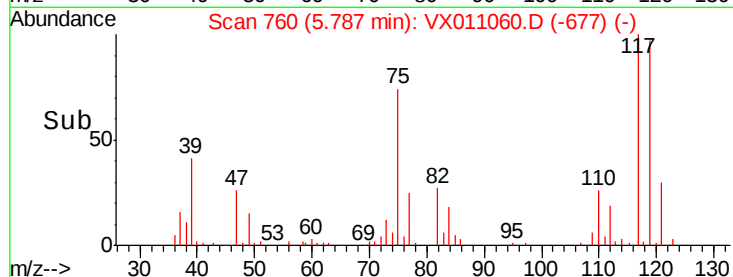
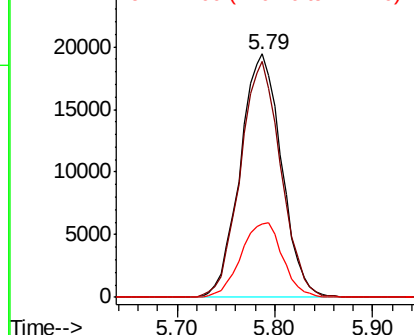
#33
Carbon Tetrachloride
Concen: 19.838 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 57019
Ion Ratio Lower Upper
117 100
119 97.1 74.3 111.5
121 30.1 24.9 37.3

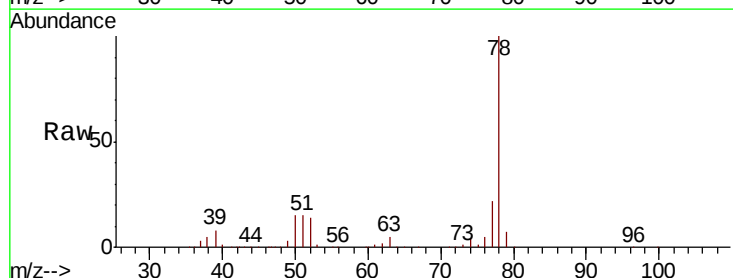


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

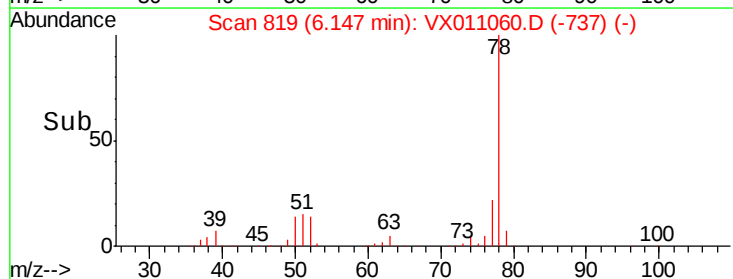
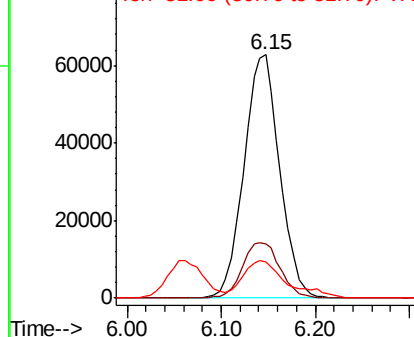


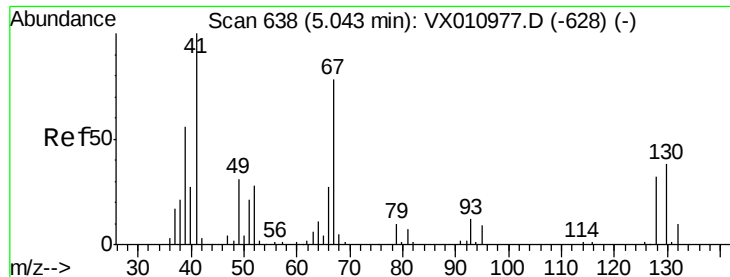
#34
Benzene
Concen: 20.198 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 78 Resp: 166088
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4
51 14.1 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

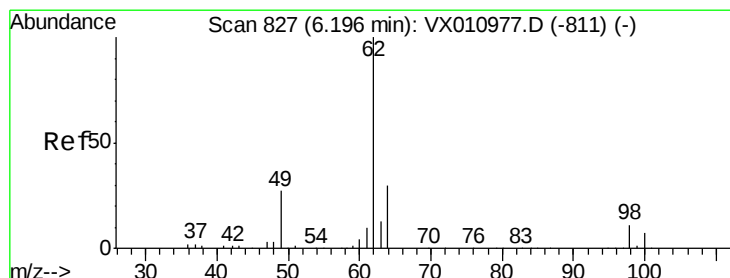
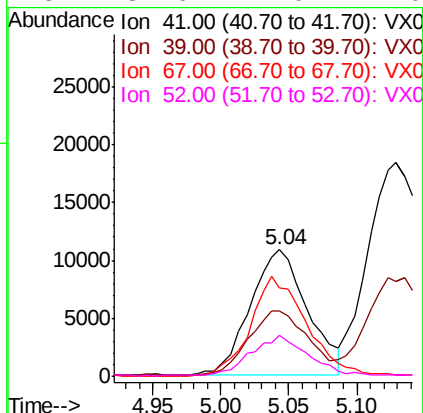
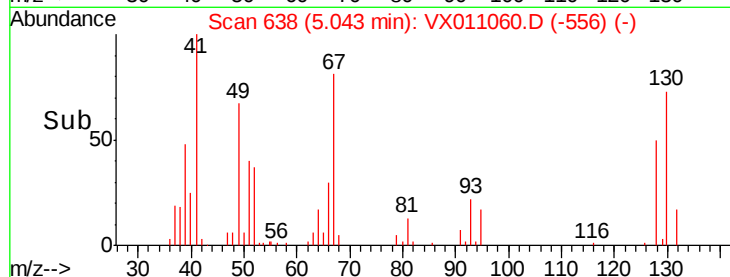
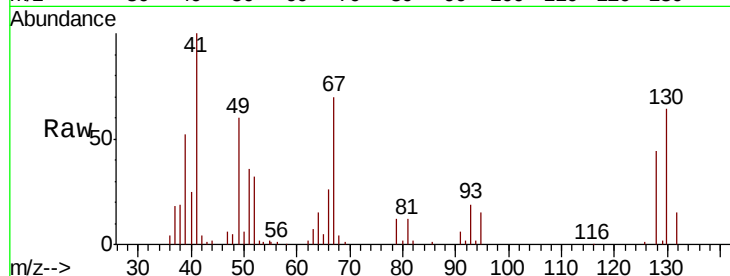




#35
Methacrylonitrile
Concen: 20.549 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

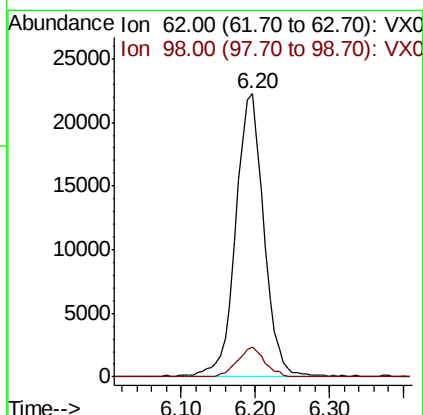
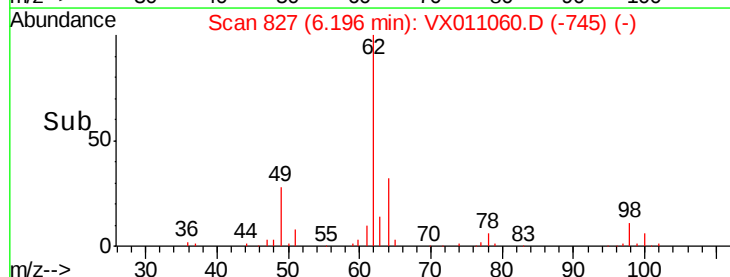
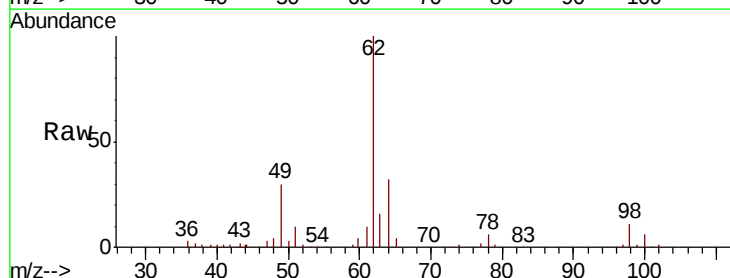
Instrument :
MSVOA_X
ClientSampled :

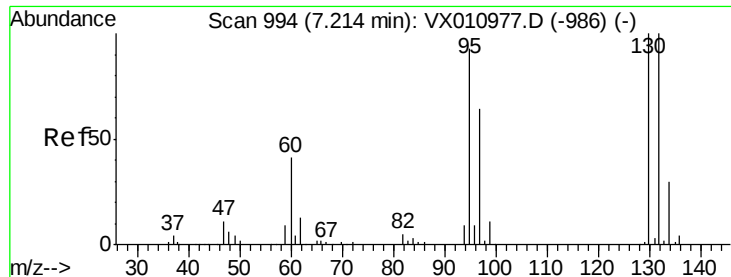
Tot Ion: 41 Resp: 31653
Ion Ratio Lower Upper
41 100
39 52.0 27.6 82.8
67 70.8 39.1 117.2
52 31.6 14.0 42.0



#36
1,2-Dichloroethane
Concen: 20.179 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 62 Resp: 59330
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0

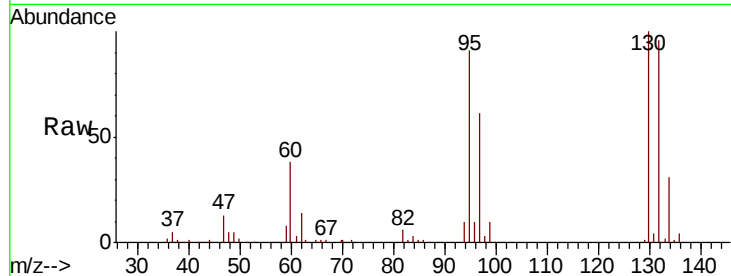




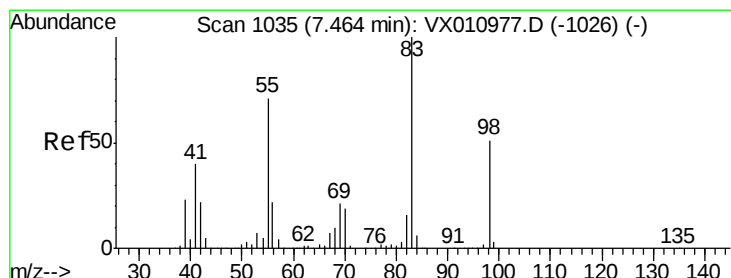
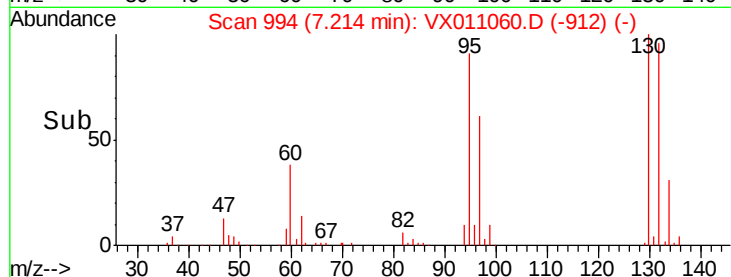
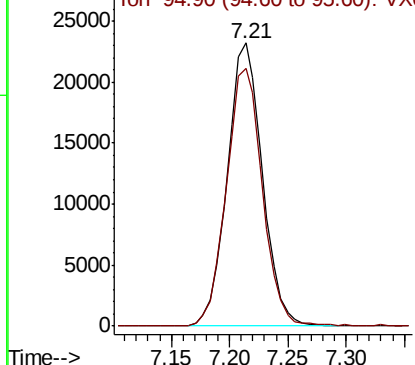
#37
 Trichloroethene
 Concen: 20.215 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 48664
 Ion Ratio Lower Upper
 130 100
 95 90.9 74.1 111.1

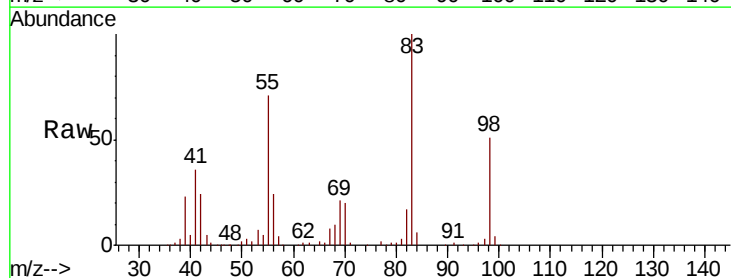


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

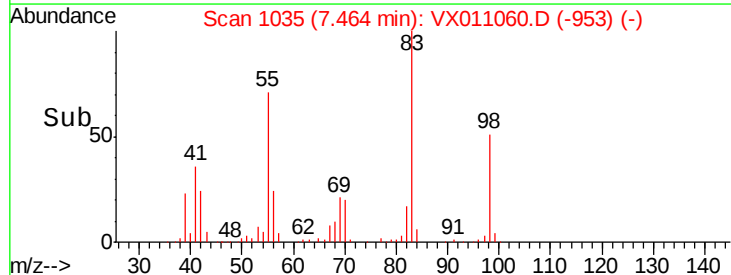
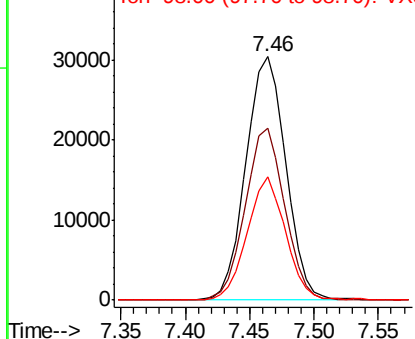


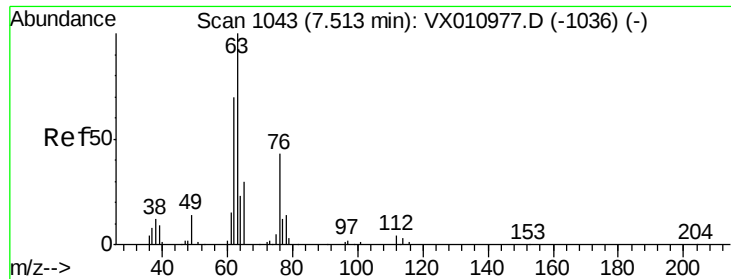
#38
 Methylcyclohexane
 Concen: 18.905 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 83 Resp: 65402
 Ion Ratio Lower Upper
 83 100
 55 69.7 35.3 105.9
 98 48.5 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

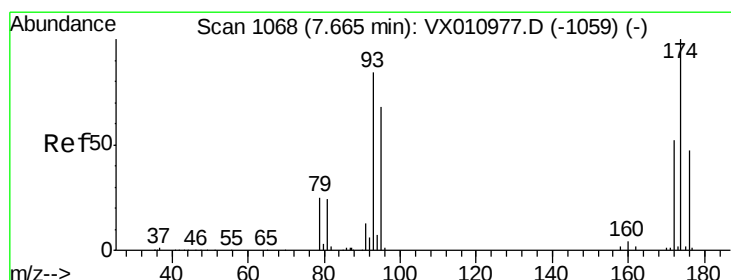
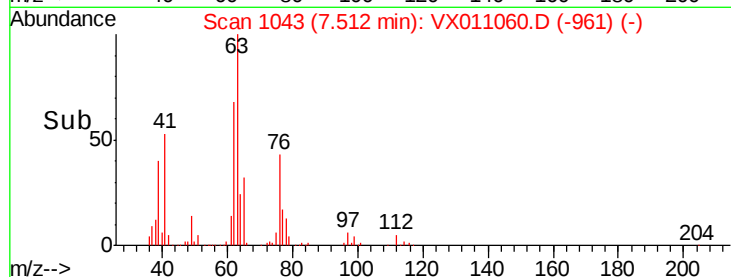
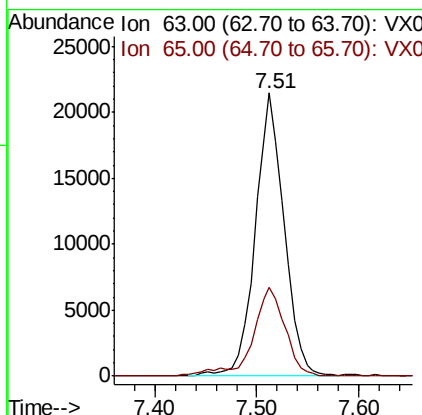
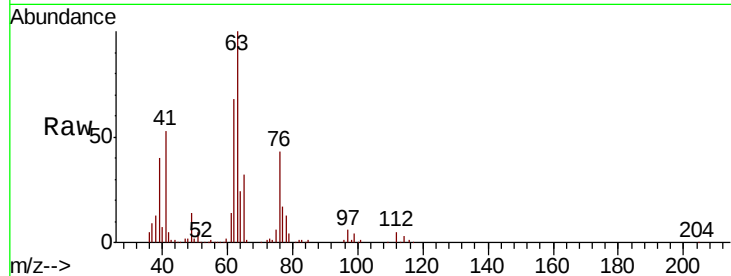




#39
 1,2-Dichloropropane
 Concen: 20.588 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

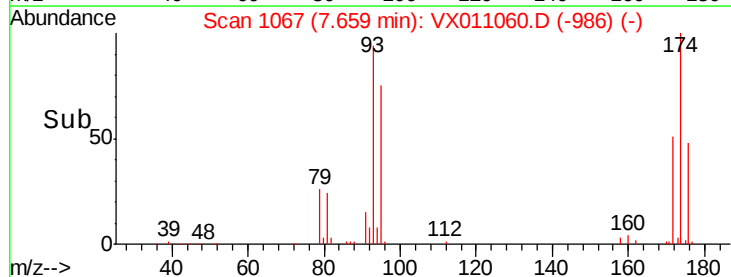
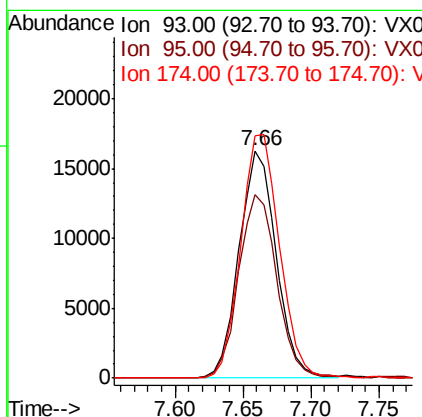
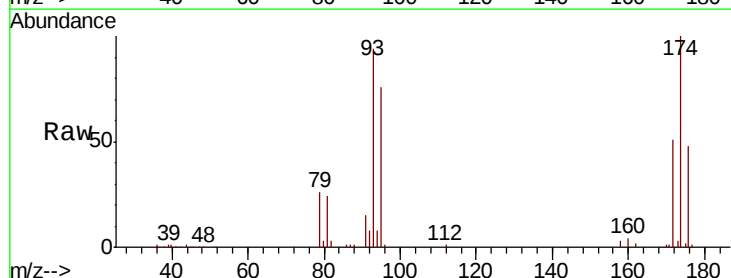
Instrument :
 MSVOA_X
 ClientSampleId :

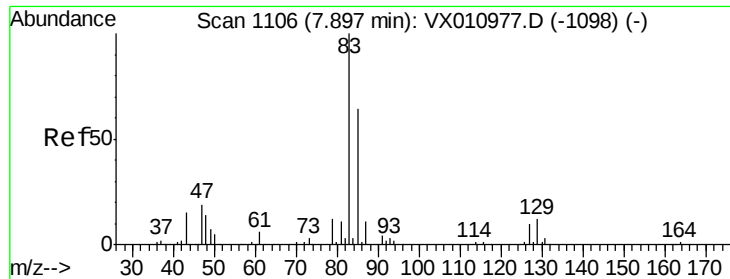
Tot Ion: 63 Resp: 42316
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.6 38.4



#40
 Dibromomethane
 Concen: 20.626 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 93 Resp: 31179
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 166.0
 174 111.5 0.0 229.2





#41

Bromodichloromethane

Concen: 19.786 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

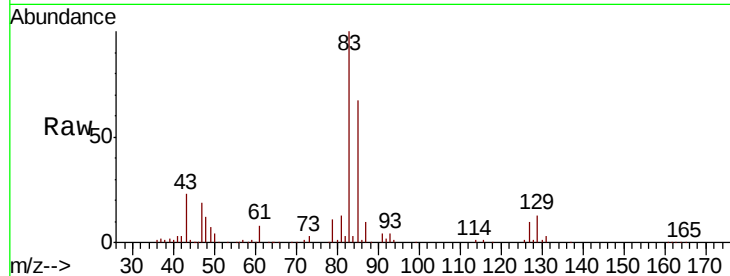
Tot Ion: 83 Resp: 54442

Ion Ratio Lower Upper

83 100

85 67.2 50.9 76.3

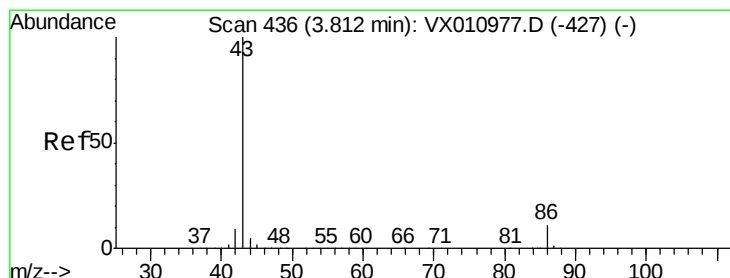
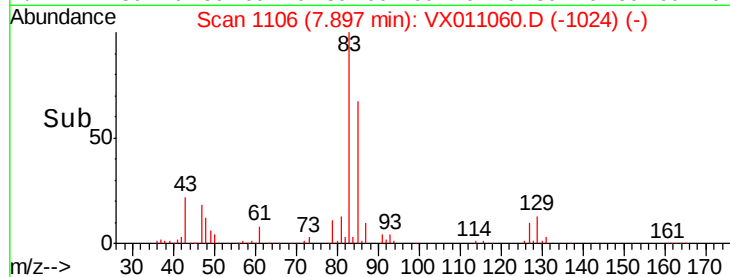
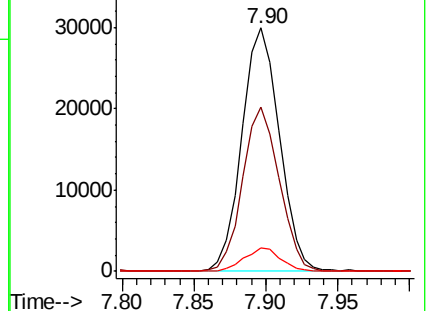
127 9.6 7.7 11.5



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): V



#42

Vinyl Acetate

Concen: 101.500 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX011060.D

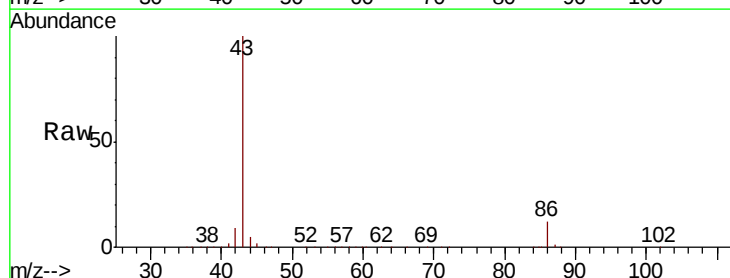
Acq: 24 Jul 2019 16:25

Tgt Ion: 43 Resp: 494821

Ion Ratio Lower Upper

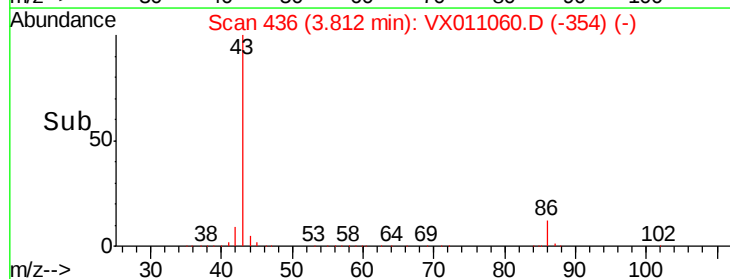
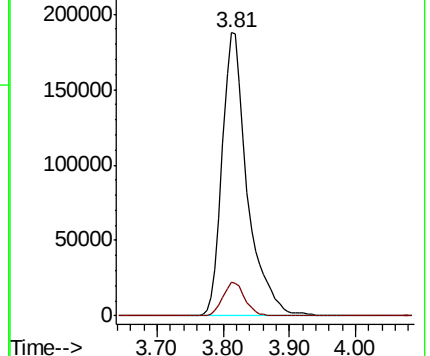
43 100

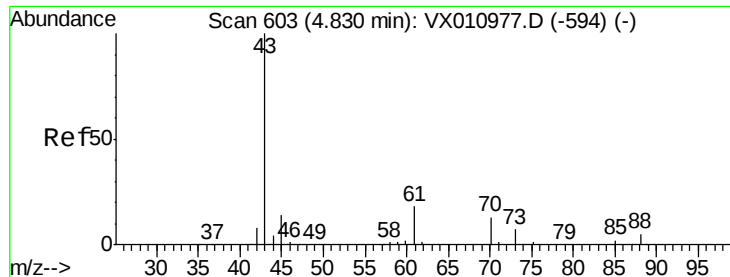
86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

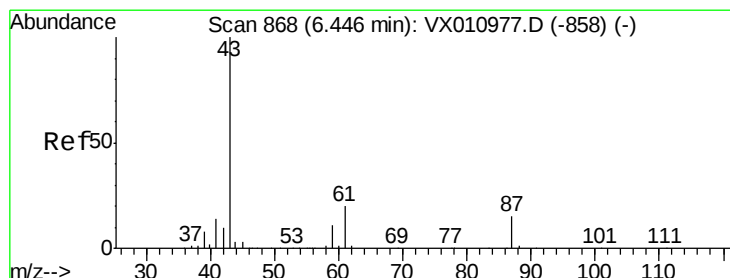
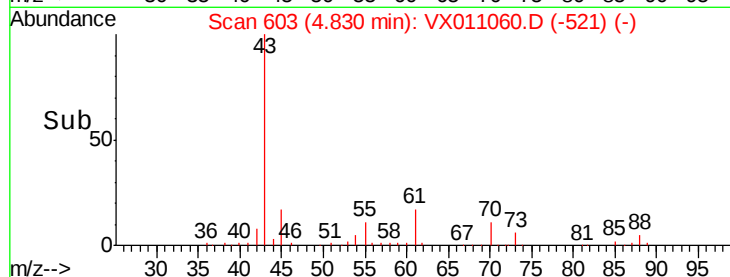
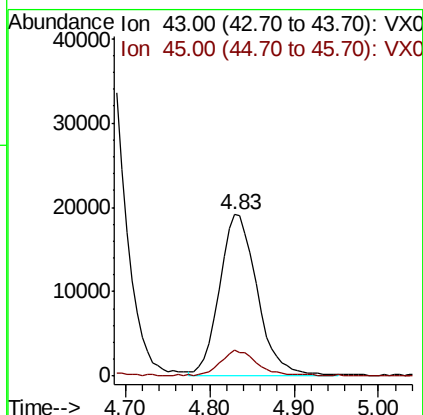
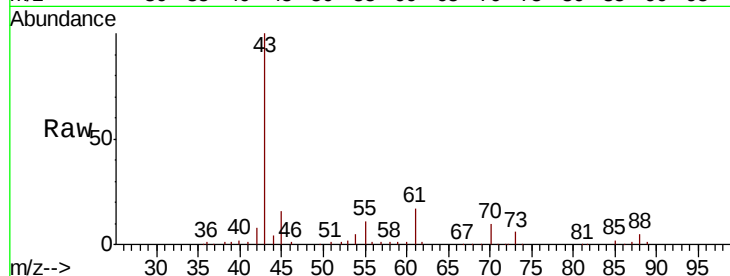




#43
Ethyl Acetate
Concen: 20.340 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

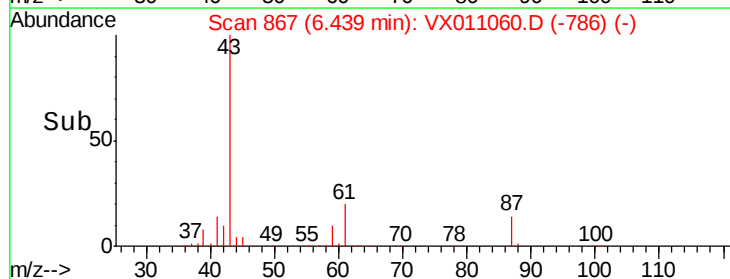
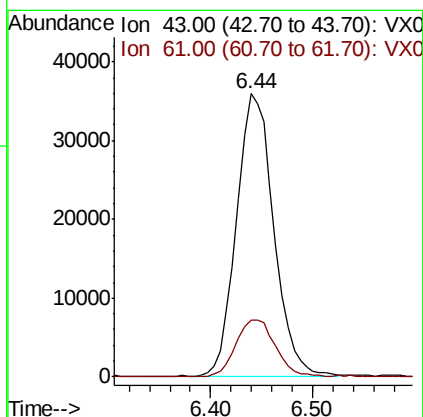
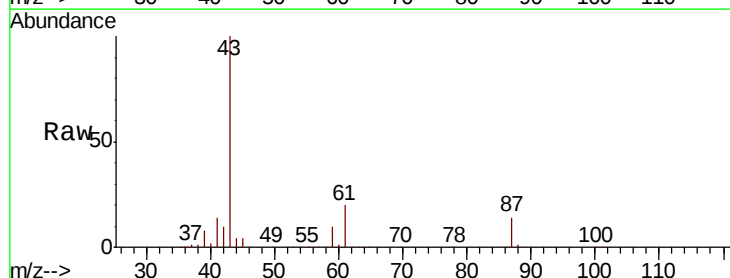
Instrument :
MSVOA_X
ClientSampleId :

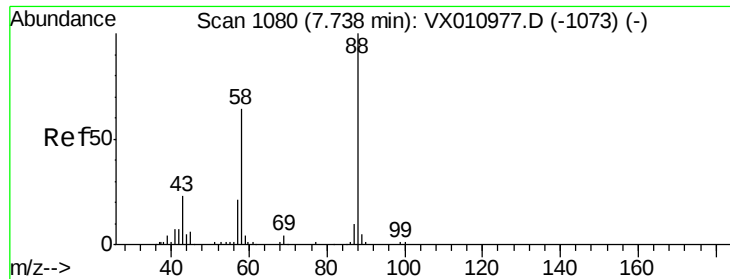
Tot Ion: 43 Resp: 57773
Ion Ratio Lower Upper
43 100
45 15.9 12.1 18.1



#44
Isopropyl Acetate
Concen: 19.819 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 43 Resp: 91691
Ion Ratio Lower Upper
43 100
61 21.4 16.7 25.1





#45

1,4-Dioxane

Concen: 415.477 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

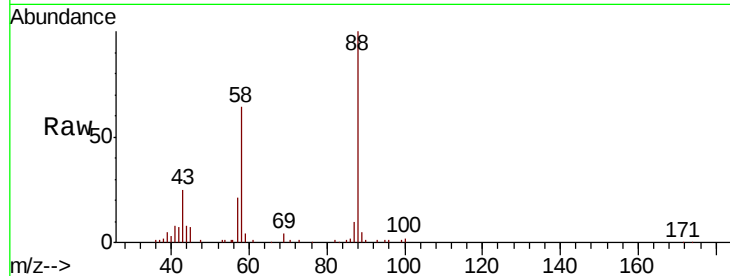
Tot Ion: 88 Resp: 25018

Ion Ratio Lower Upper

88 100

43 30.6 21.6 32.4

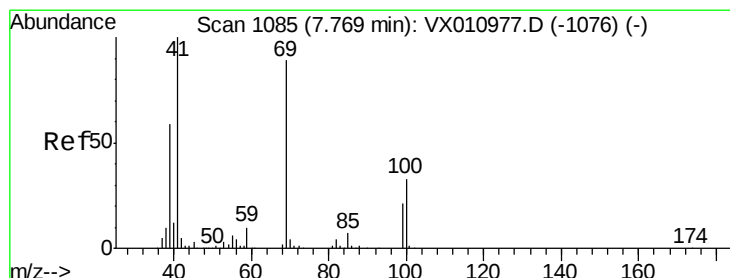
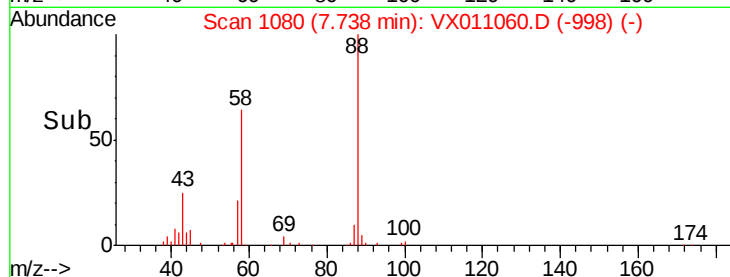
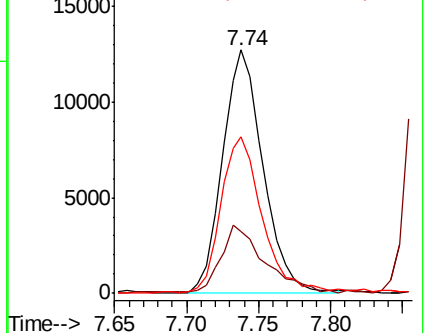
58 65.8 52.2 78.2



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

Methyl methacrylate

Concen: 20.253 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

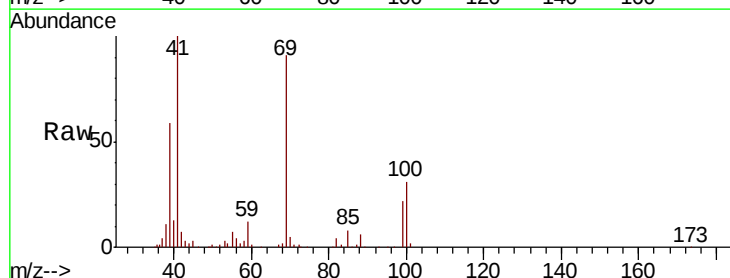
Tgt Ion: 41 Resp: 45480

Ion Ratio Lower Upper

41 100

69 90.8 44.7 134.1

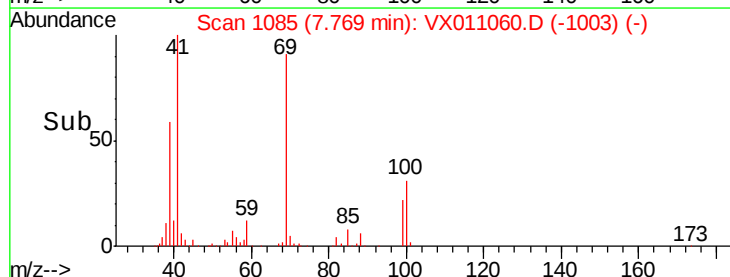
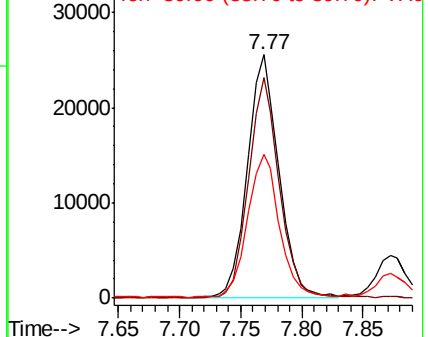
39 58.8 29.4 88.2

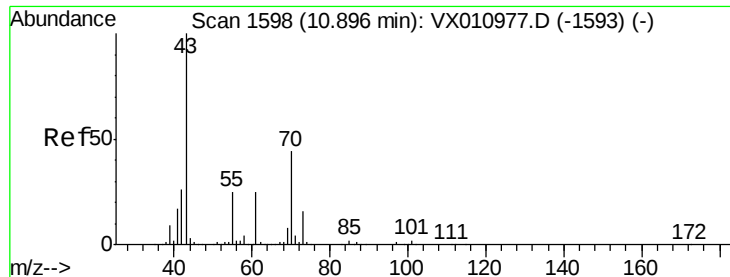


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.878 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

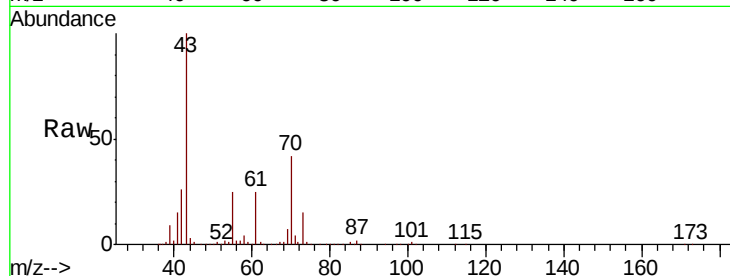
ClientSampleId :

Tot Ion: 43 Resp: 82476

Ion Ratio Lower Upper

43 100

55 24.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

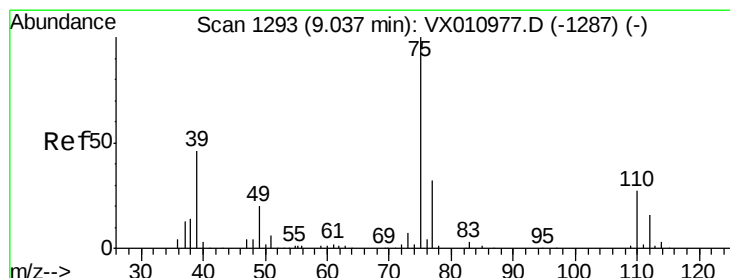
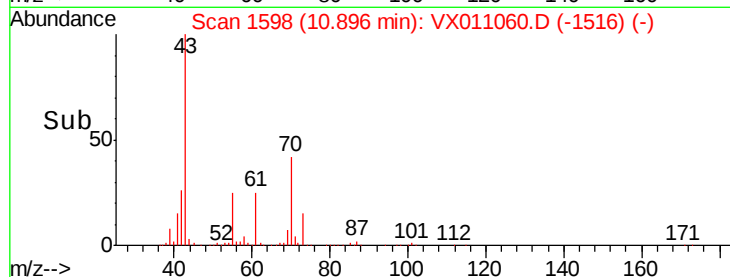
40000

20000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.169 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011060.D

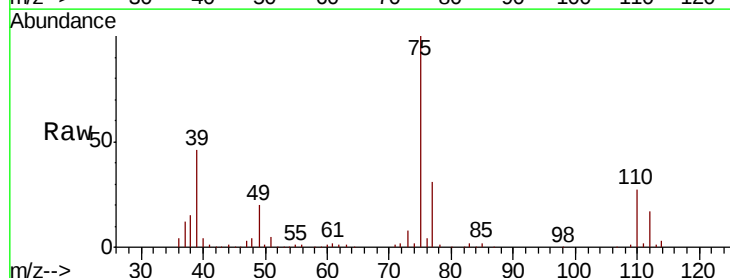
Acq: 24 Jul 2019 16:25

Tgt Ion: 75 Resp: 55586

Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

40000

30000

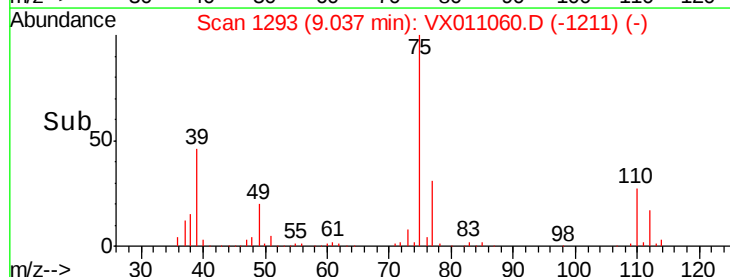
20000

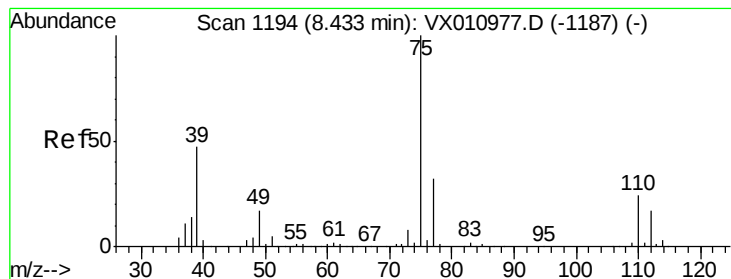
10000

0

9.00 9.05 9.10

Time-->



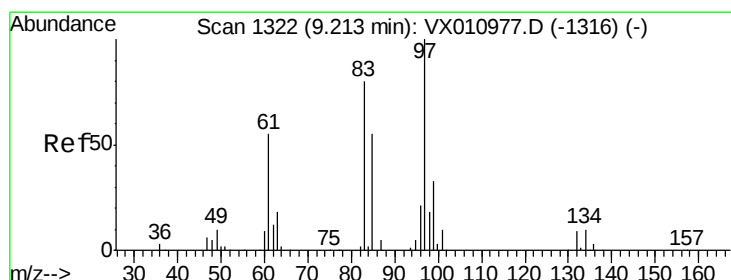
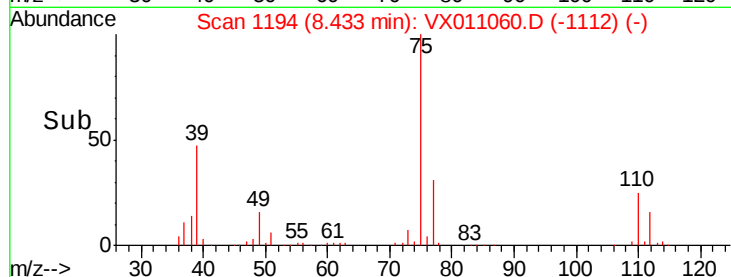
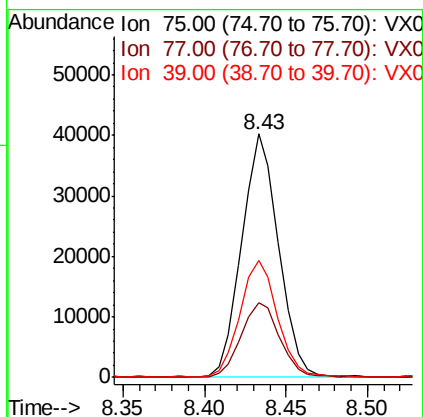
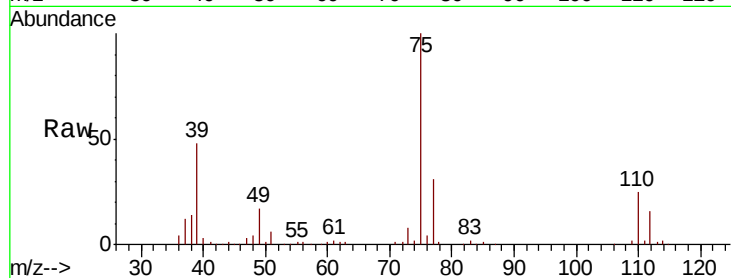


#49

cis-1,3-Dichloropropene
Concen: 20.058 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampled :

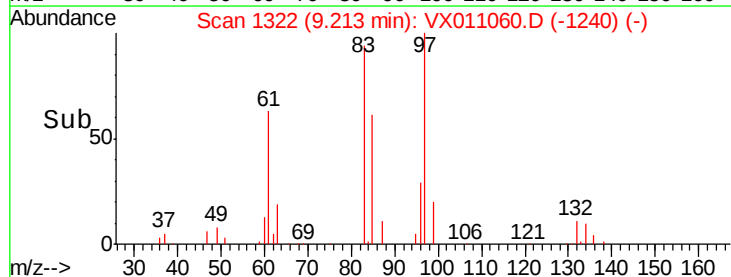
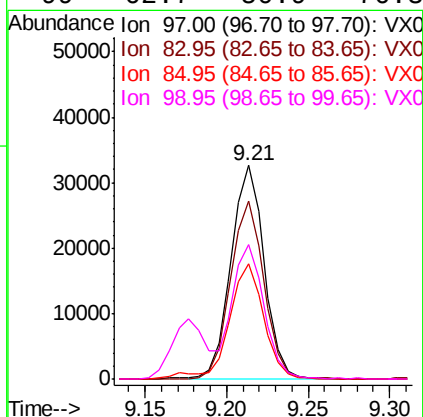
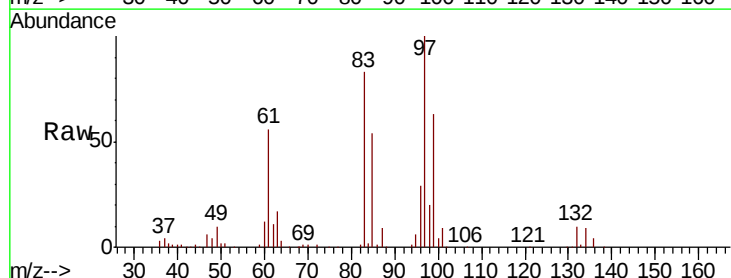
Tot Ion: 75 Resp: 63472
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 47.5 37.8 56.6

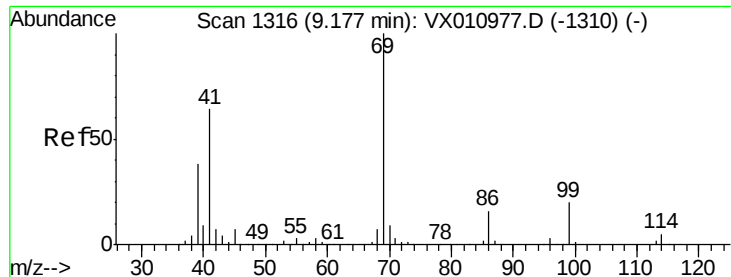


#50

1,1,2-Trichloroethane
Concen: 20.853 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 97 Resp: 46135
Ion Ratio Lower Upper
97 100
83 82.9 63.9 95.9
85 54.1 43.4 65.2
99 62.7 50.9 76.3





#51

Ethyl methacrylate

Concen: 19.879 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

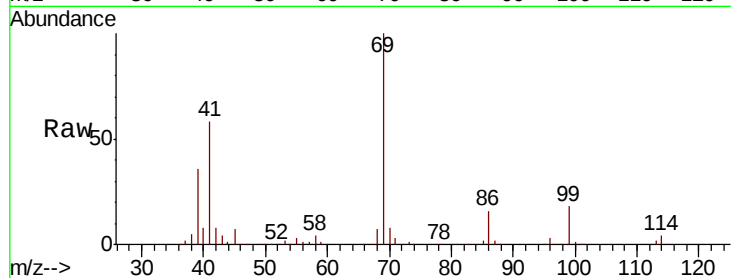
Tot Ion: 69 Resp: 68020

Ion Ratio Lower Upper

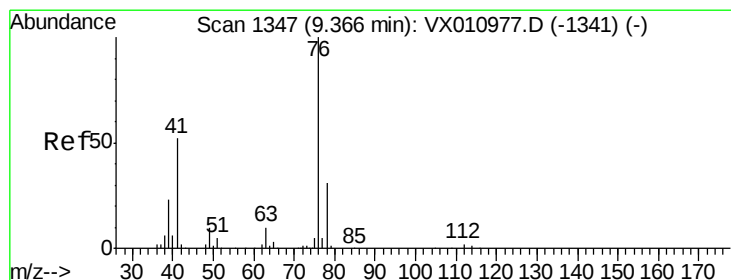
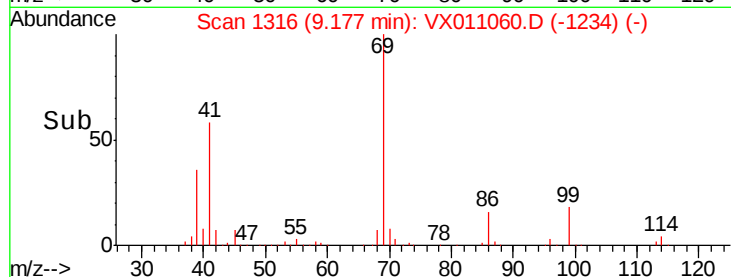
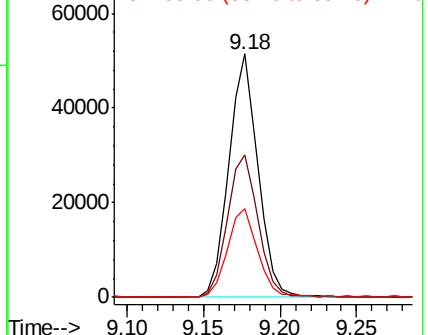
69 100

41 58.3 32.1 96.3

39 35.9 19.1 57.3



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



#52

1,3-Dichloropropane

Concen: 20.276 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011060.D

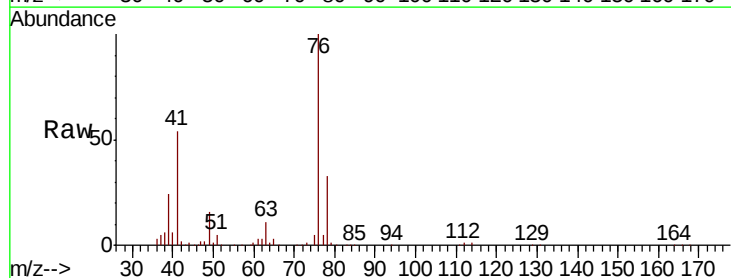
Acq: 24 Jul 2019 16:25

Tgt Ion: 76 Resp: 72085

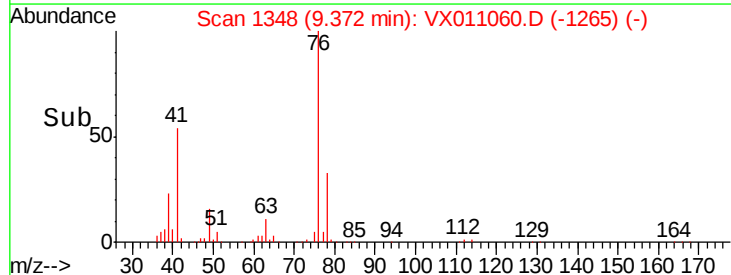
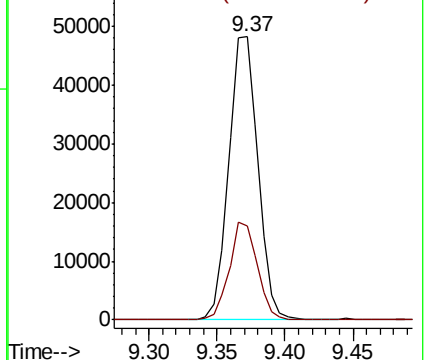
Ion Ratio Lower Upper

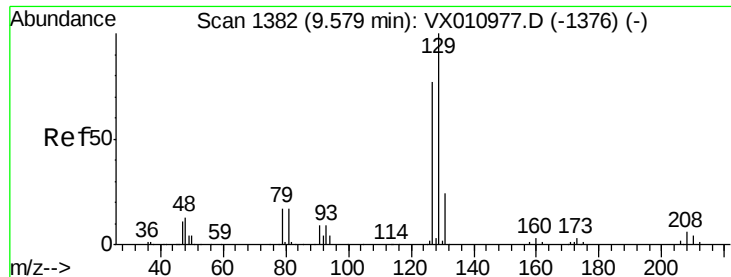
76 100

78 33.1 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

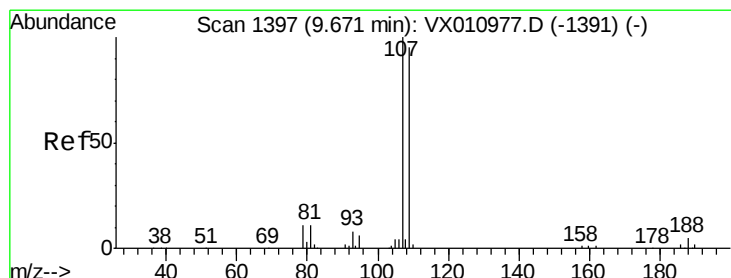
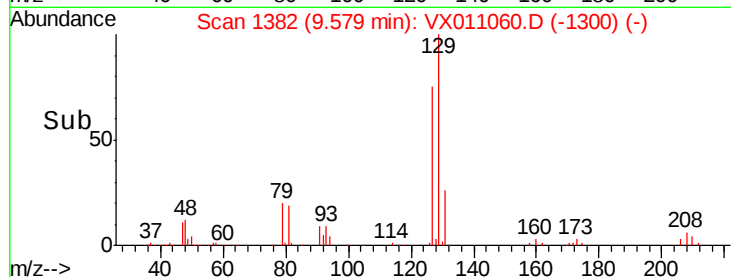
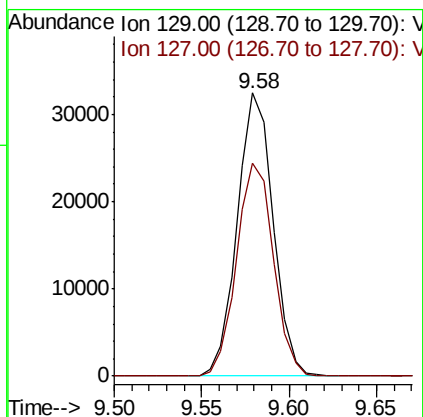
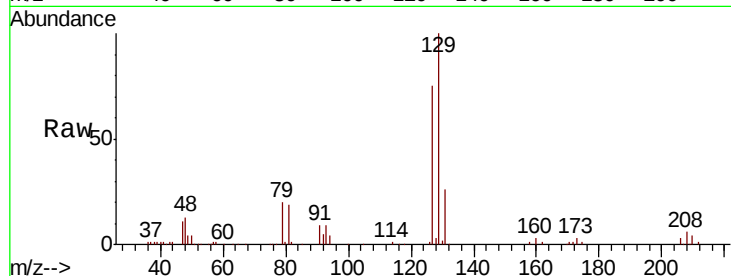




#53
 Dibromochloromethane
 Concen: 19.377 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

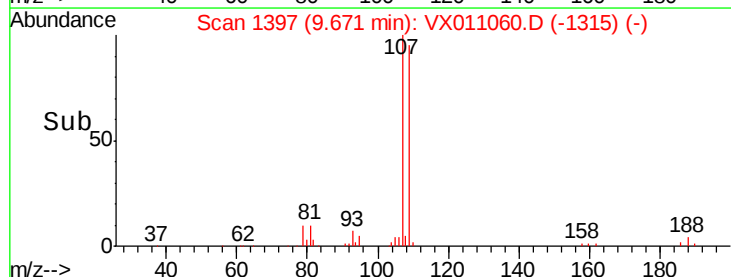
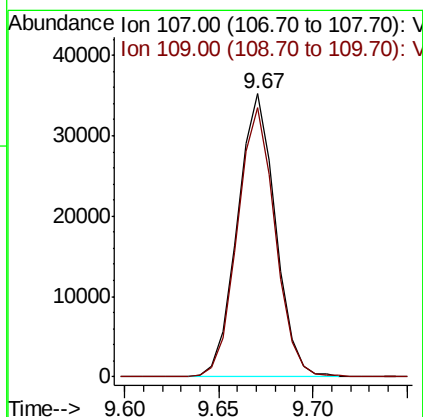
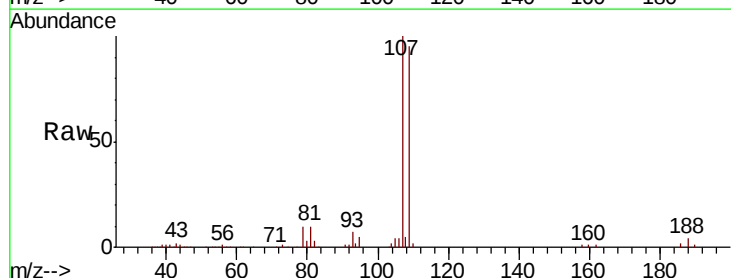
Instrument :
 MSVOA_X
 ClientSampleId :

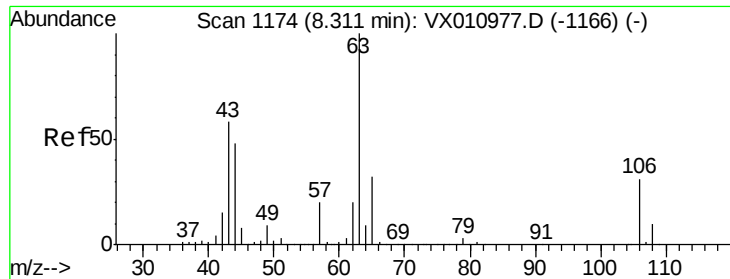
Tot Ion:129 Resp: 46298
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.1 114.3



#54
 1,2-Dibromoethane
 Concen: 20.504 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion:107 Resp: 49297
 Ion Ratio Lower Upper
 107 100
 109 94.2 77.1 115.7

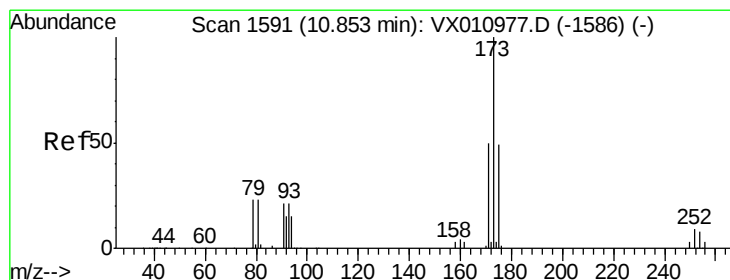
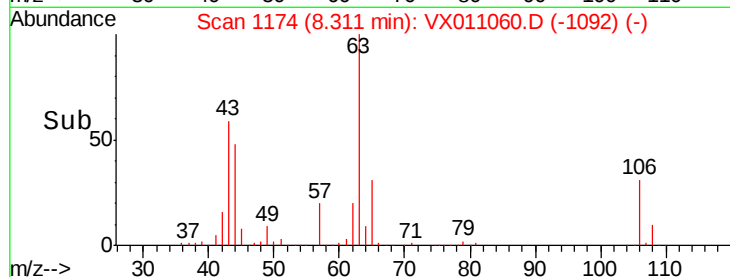
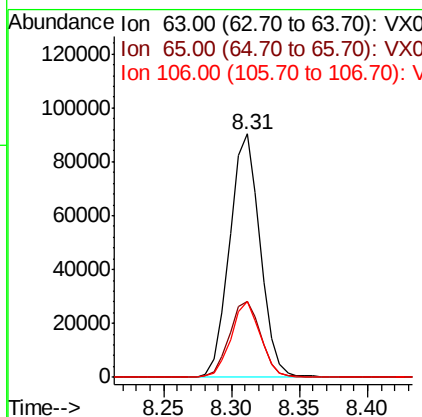
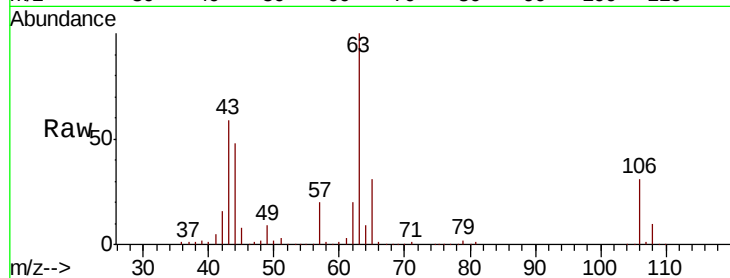




#55
2-Chloroethyl vinyl ether
Concen: 97.277 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

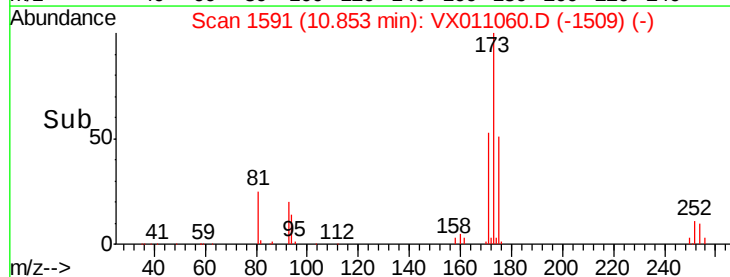
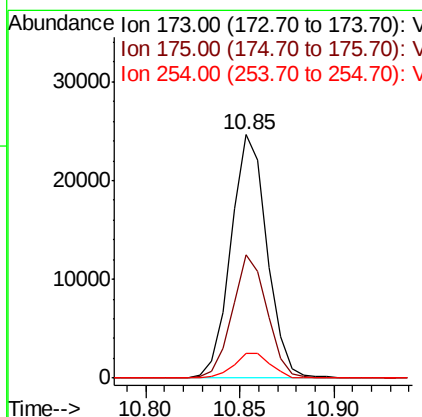
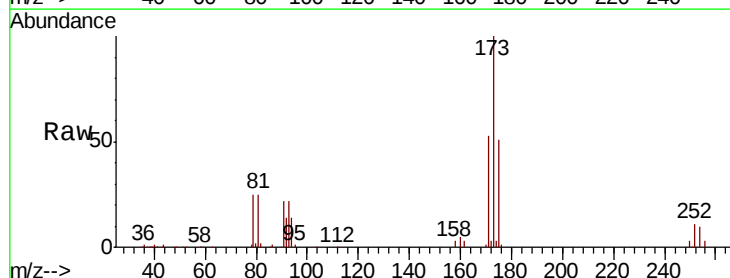
Instrument :
MSVOA_X
ClientSampleId :

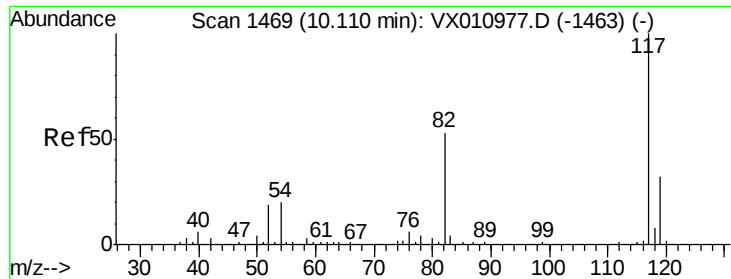
Tot Ion: 63 Resp: 140951
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 30.0 24.8 37.2



#56
Bromoform
Concen: 18.443 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 173 Resp: 32820
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 10.2 7.9 11.9

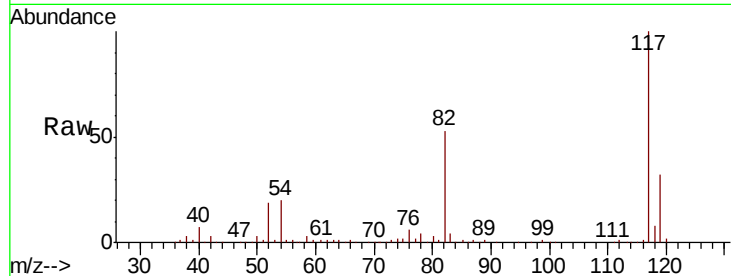




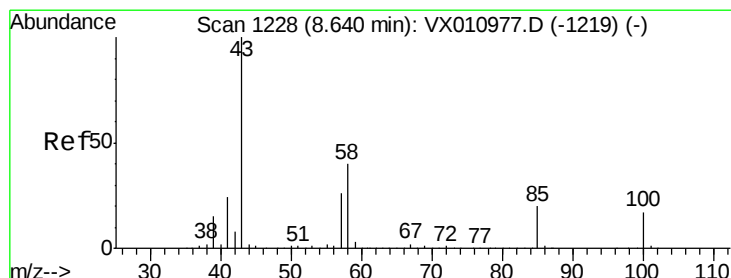
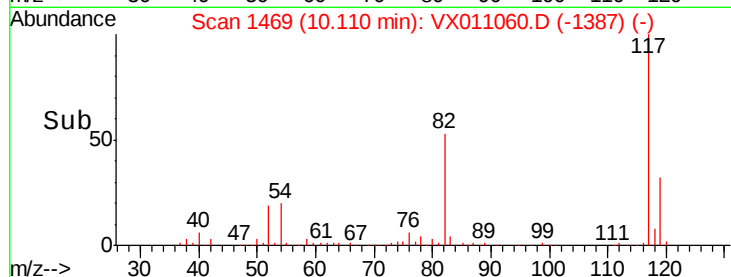
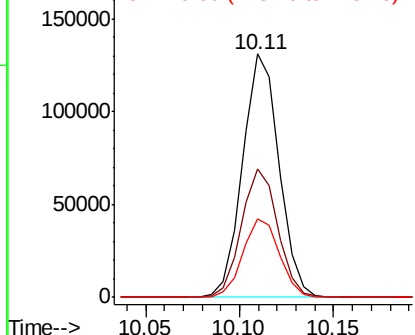
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 176084
Ion Ratio Lower Upper
117 100
82 52.6 41.6 62.4
119 32.6 26.0 39.0

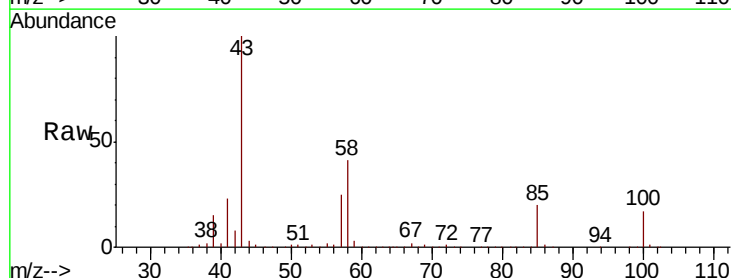


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

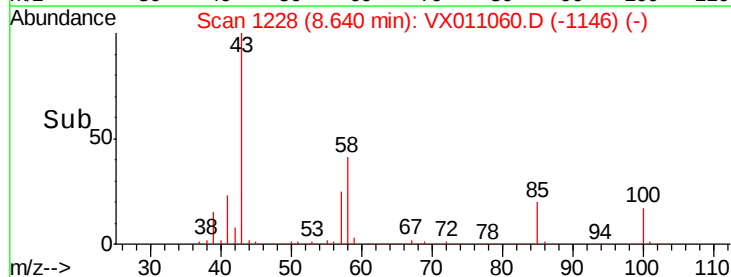
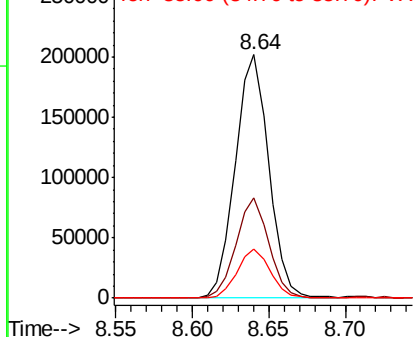


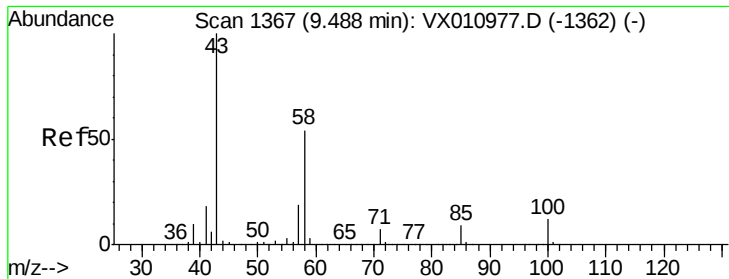
#58
4-Methyl-2-Pentanone
Concen: 103.174 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 43 Resp: 306812
Ion Ratio Lower Upper
43 100
58 40.3 32.6 48.8
85 19.8 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

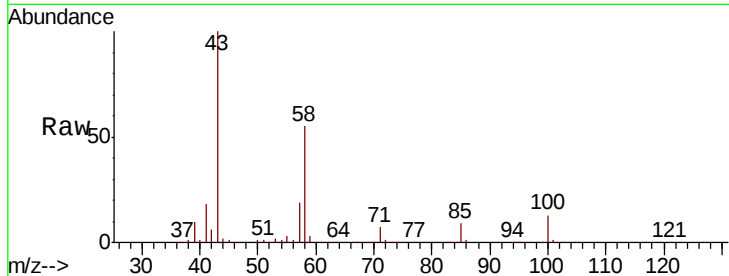




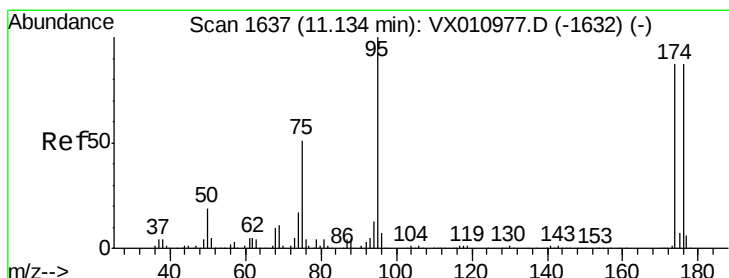
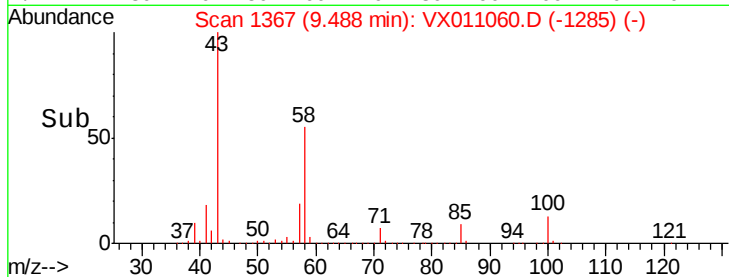
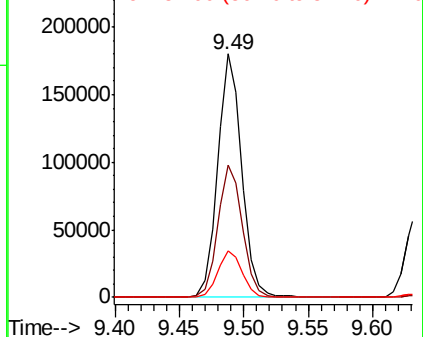
#59
2-Hexanone
Concen: 104.047 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 236763
Ion Ratio Lower Upper
43 100
58 55.6 44.7 67.1
57 19.2 15.4 23.2

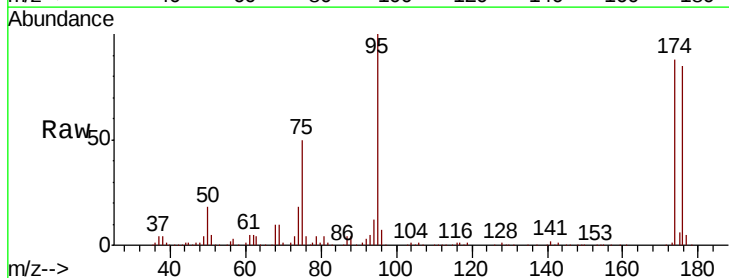


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

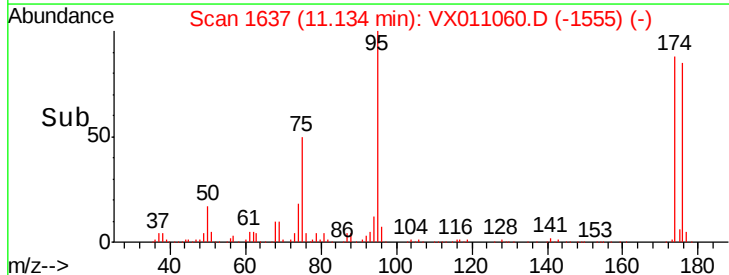
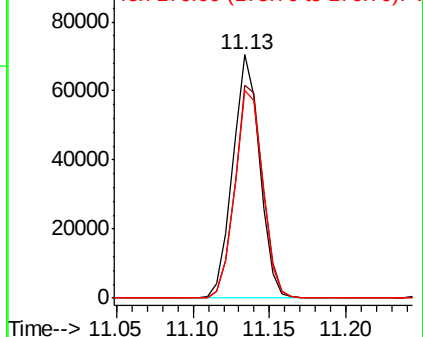


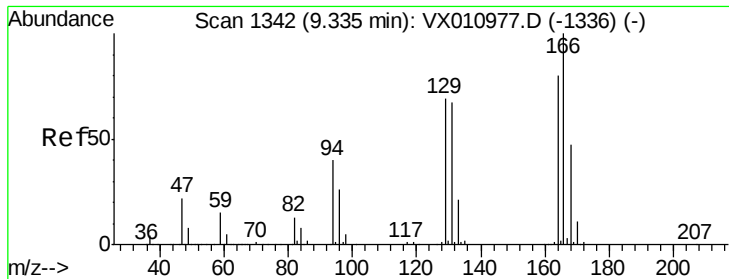
#60
4-Bromofluorobenzene
Concen: 29.749 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 95 Resp: 86217
Ion Ratio Lower Upper
95 100
174 89.9 73.3 109.9
176 88.3 71.2 106.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 21.284 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 49483

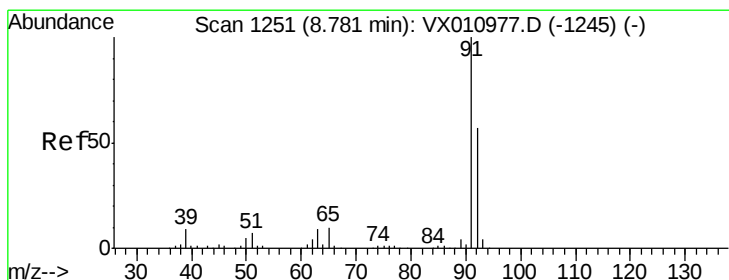
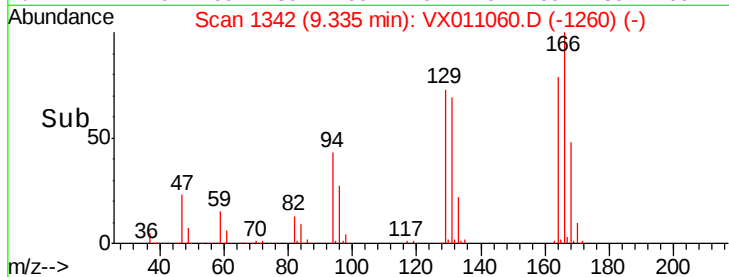
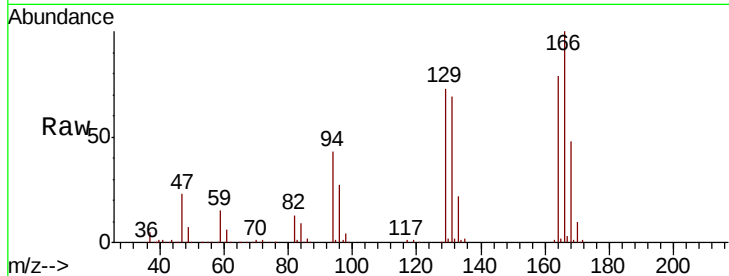
Ion Ratio Lower Upper

164 100

166 126.7 100.1 150.1

129 92.8 69.6 104.4

131 87.4 67.0 100.6



#62

Toluene

Concen: 20.444 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011060.D

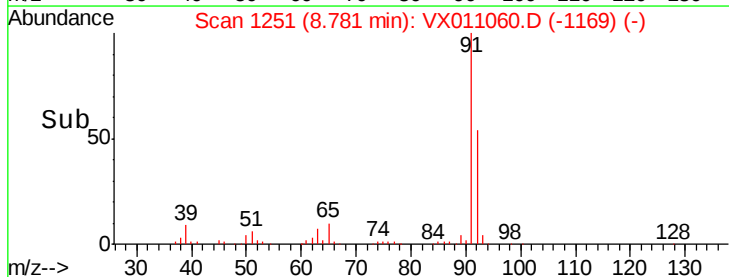
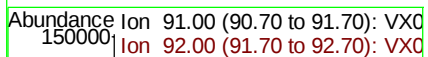
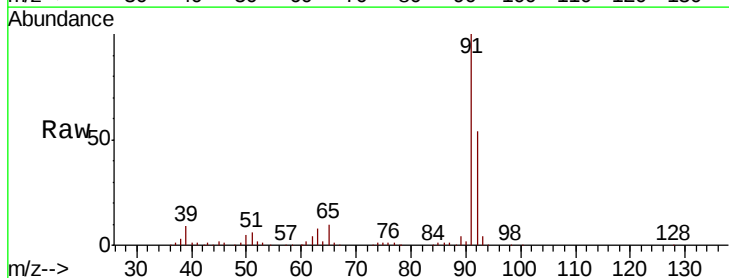
Acq: 24 Jul 2019 16:25

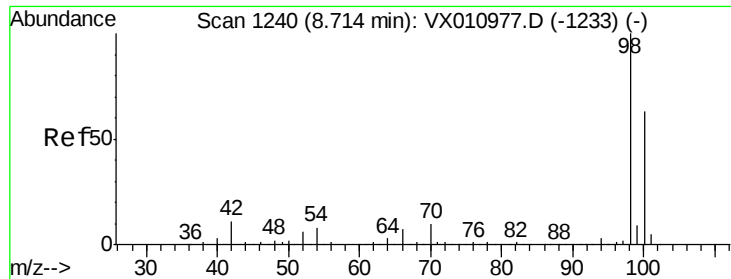
Tgt Ion: 91 Resp: 191240

Ion Ratio Lower Upper

91 100

92 56.6 45.4 68.2

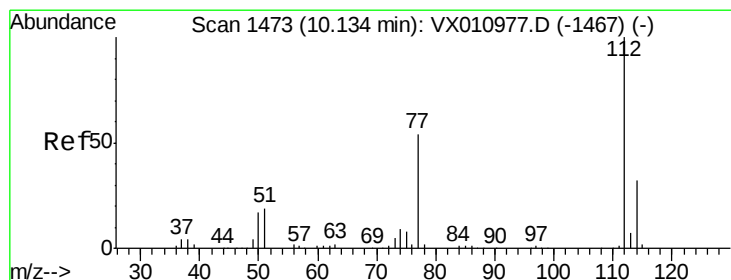
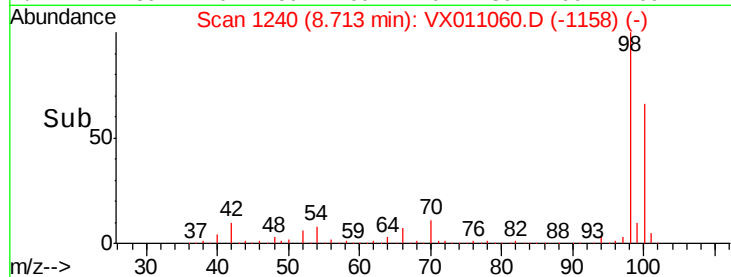
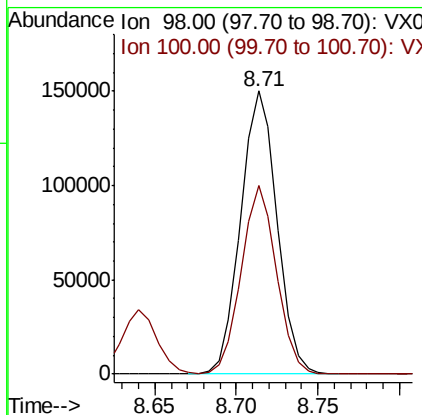
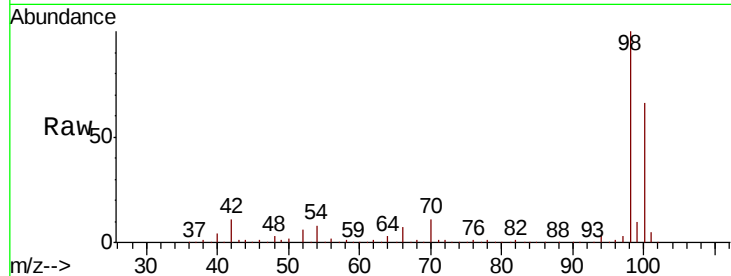




#63
Toluene-d8
Concen: 30.086 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

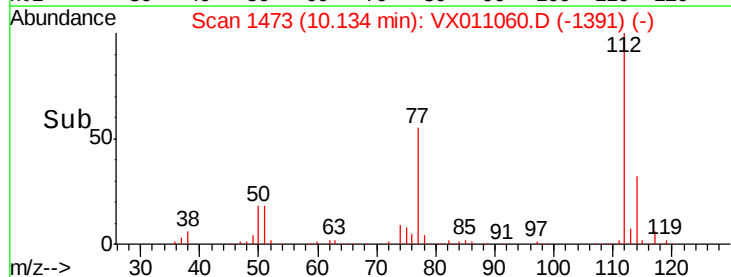
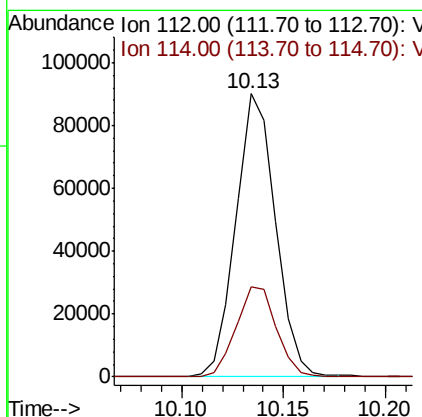
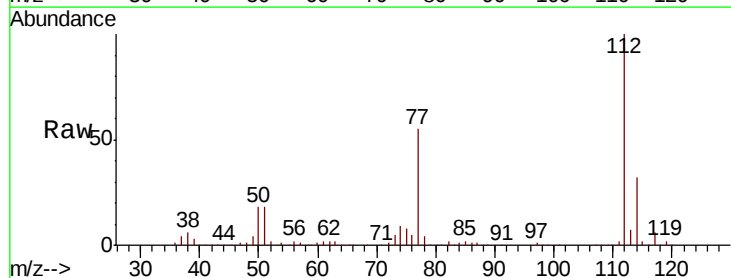
Instrument :
MSVOA_X
ClientSampleId :

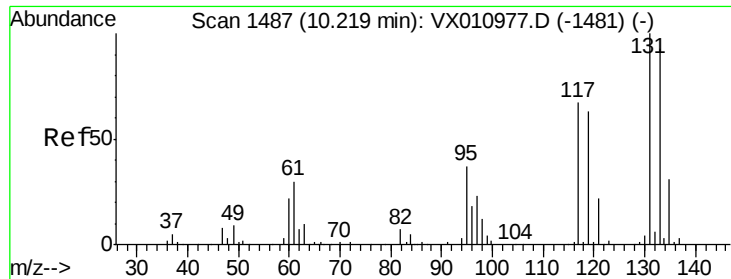
Tot Ion: 98 Resp: 232852
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#64
Chlorobenzene
Concen: 20.284 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 112 Resp: 121563
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.346 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

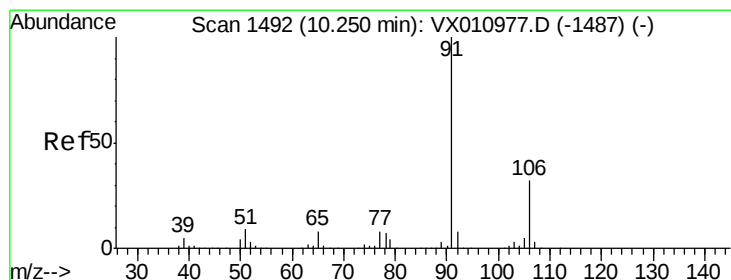
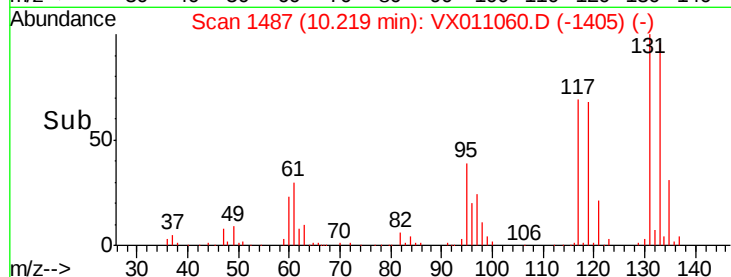
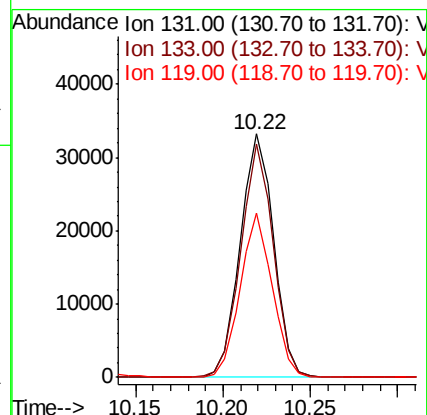
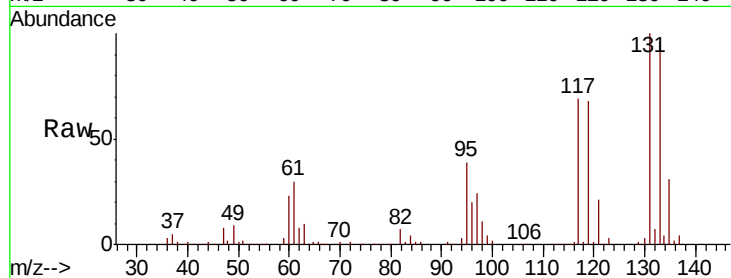
Tot Ion:131 Resp: 44317

Ion Ratio Lower Upper

131 100

133 93.3 0.0 190.2

119 64.9 0.0 127.0



#66

Ethyl Benzene

Concen: 20.368 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011060.D

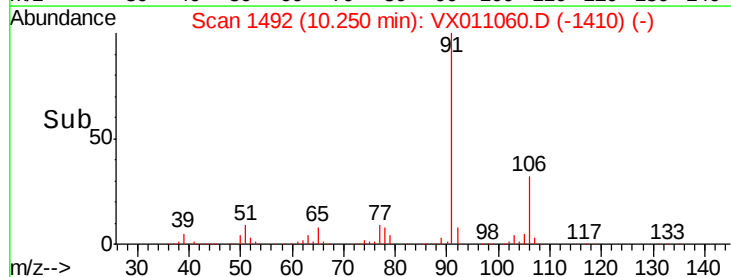
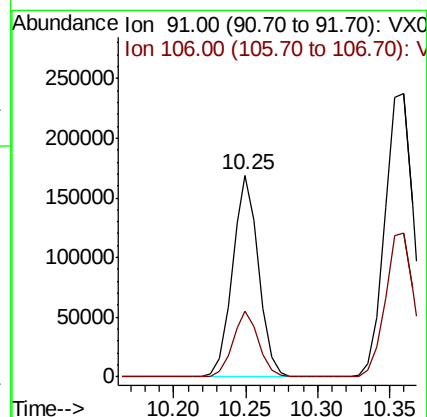
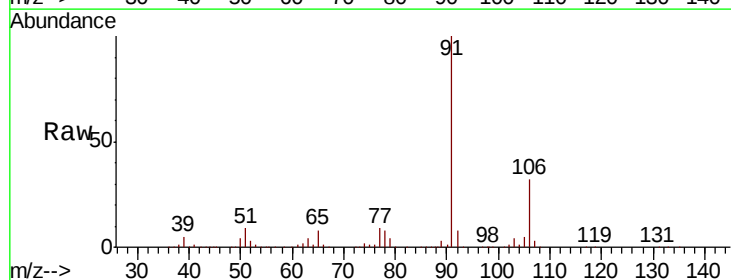
Acq: 24 Jul 2019 16:25

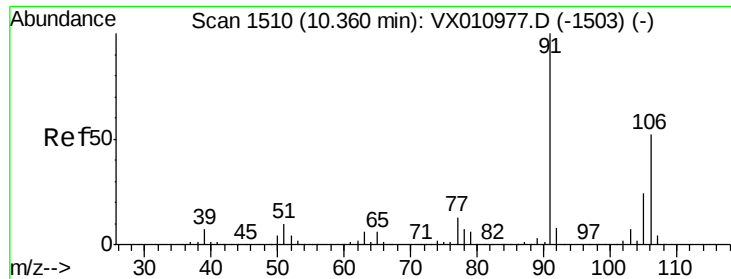
Tgt Ion: 91 Resp: 214485

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.8

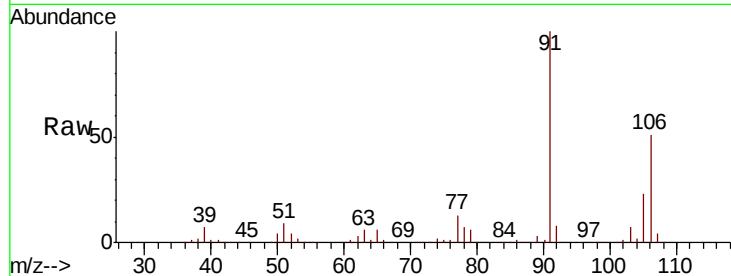




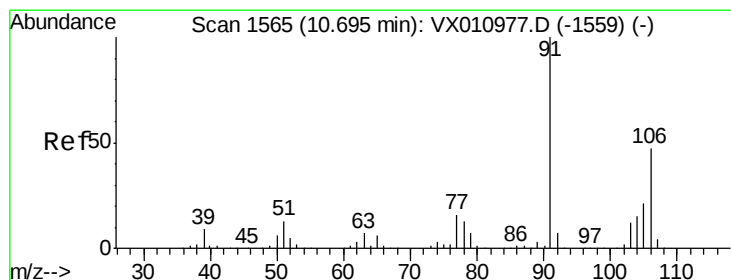
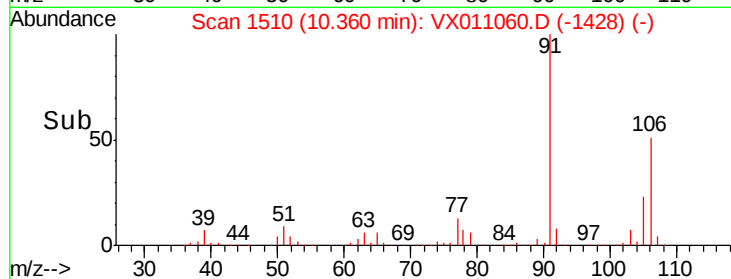
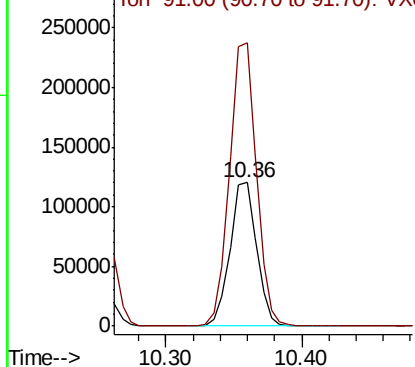
#67
m/p-Xylenes
Concen: 40.688 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 163931
Ion Ratio Lower Upper
106 100
91 198.5 156.6 235.0

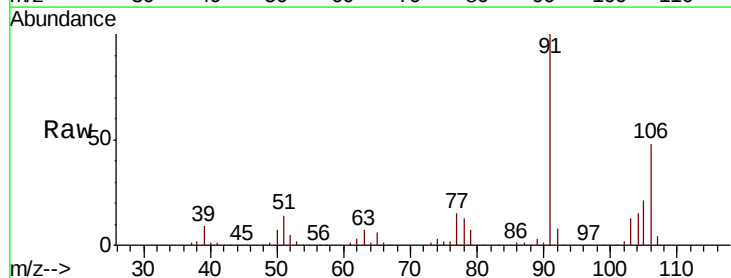


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

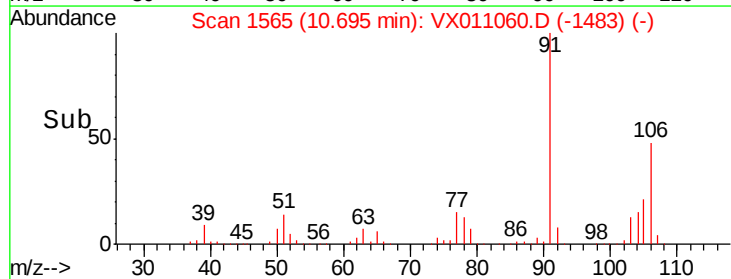
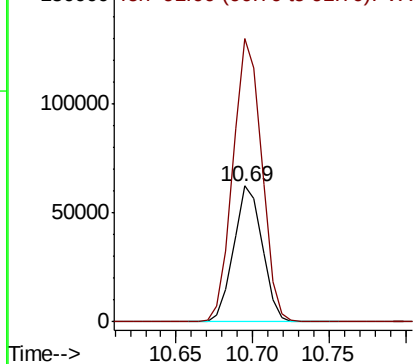


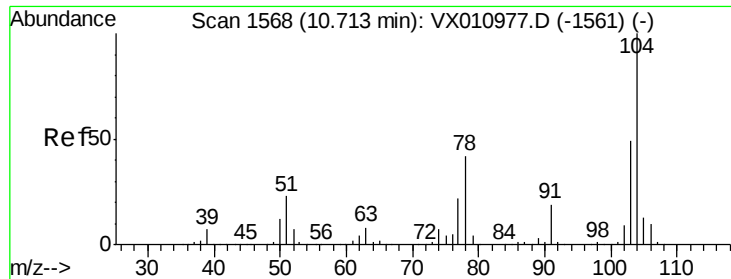
#68
o-Xylene
Concen: 20.512 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion:106 Resp: 80976
Ion Ratio Lower Upper
106 100
91 208.1 104.0 312.0



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





#69

Stvrene

Concen: 20.284 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampled :

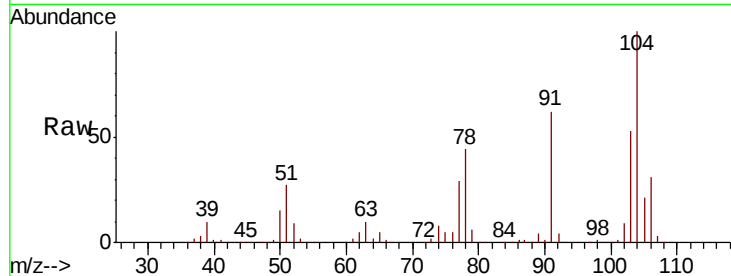
Tot Ion:104 Resp: 134602

Ion Ratio Lower Upper

104 100

78 48.2 38.5 57.7

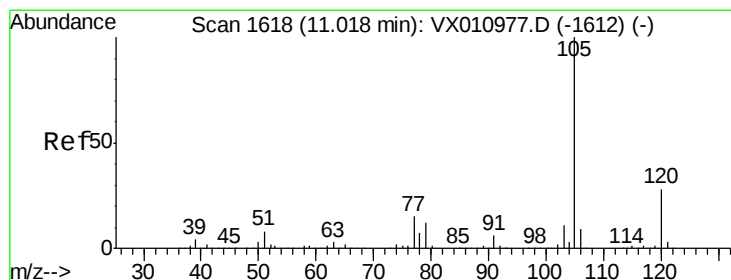
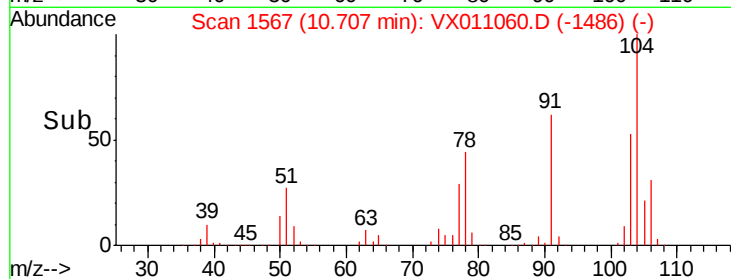
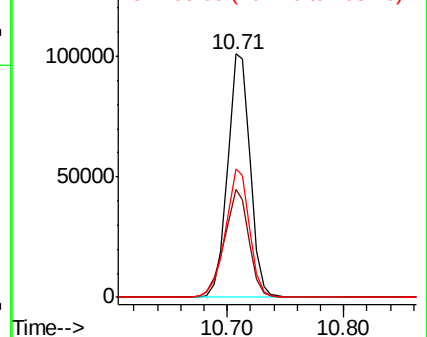
103 55.8 44.6 67.0



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: 20.712 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011060.D

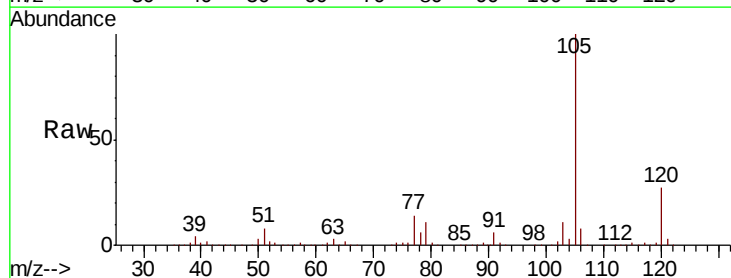
Acq: 24 Jul 2019 16:25

Tgt Ion:105 Resp: 217733

Ion Ratio Lower Upper

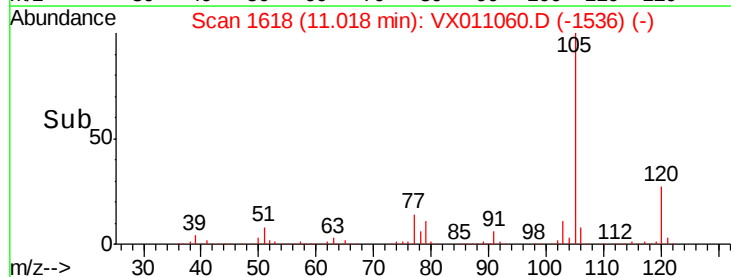
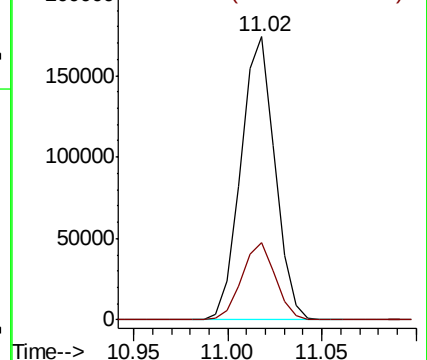
105 100

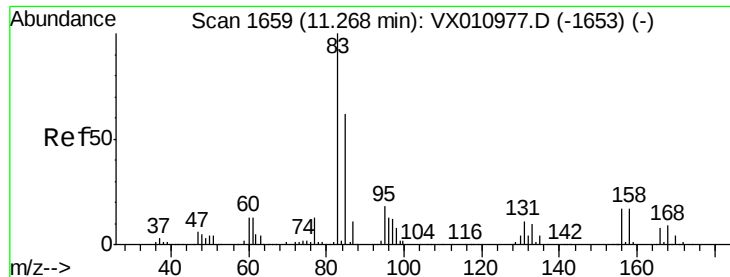
120 26.9 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

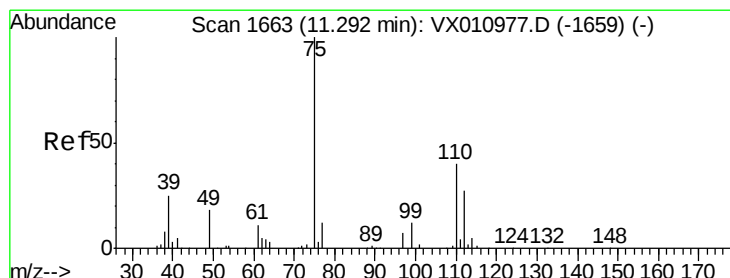
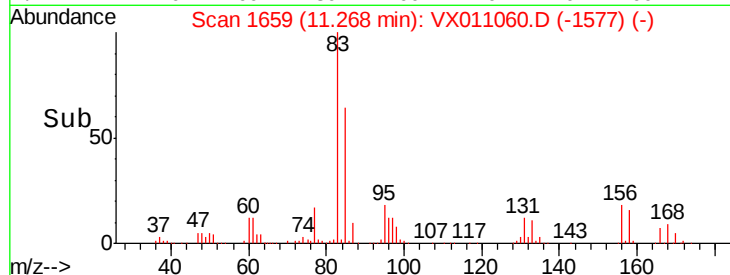
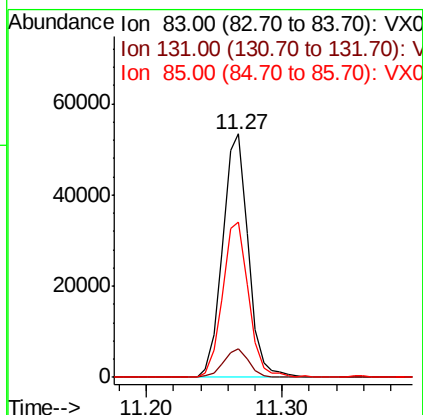
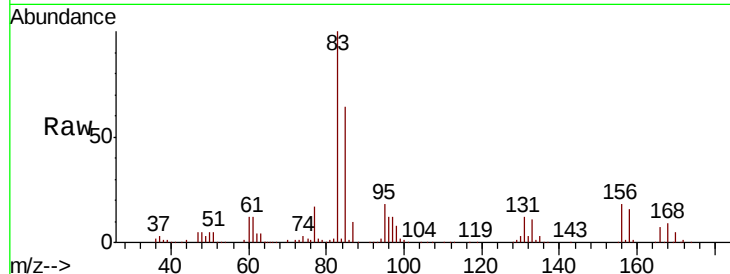




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.613 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

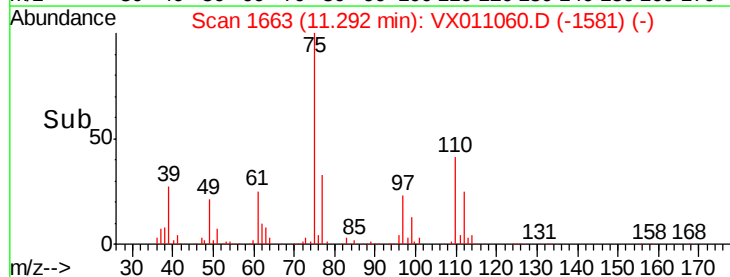
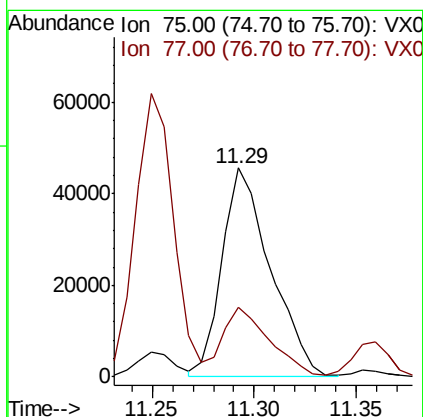
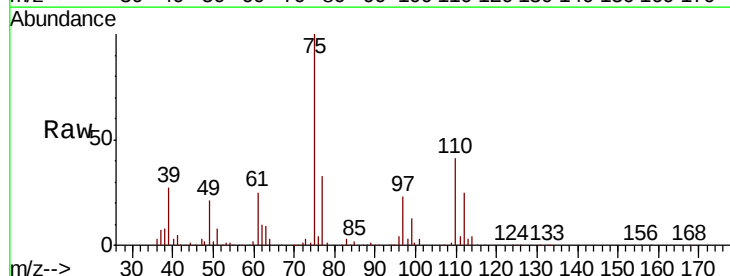
Instrument :
 MSVOA_X
 ClientSampleId :

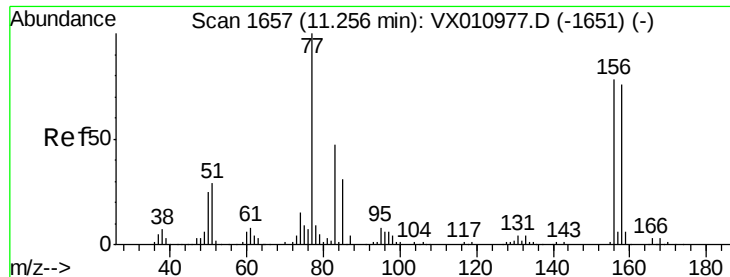
Tot Ion: 83 Resp: 69872
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 64.7 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 26.737 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 75 Resp: 75648
 Ion Ratio Lower Upper
 75 100
 77 32.3 0.0 84.0





#73

Bromobenzene

Concen: 20.661 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

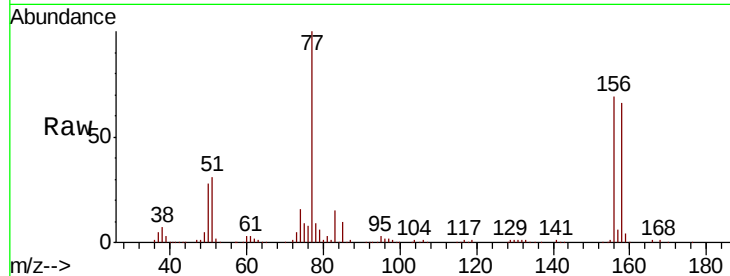
Tot Ion:156 Resp: 58601

Ion Ratio Lower Upper

156 100

77 136.9 0.0 275.8

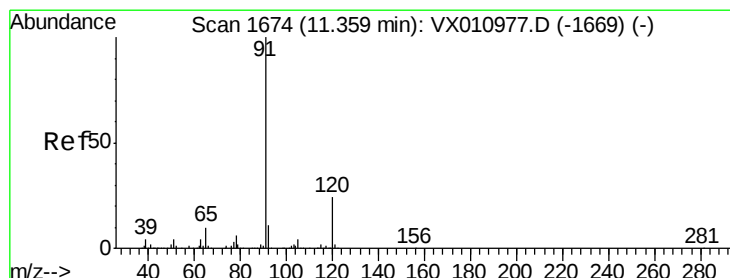
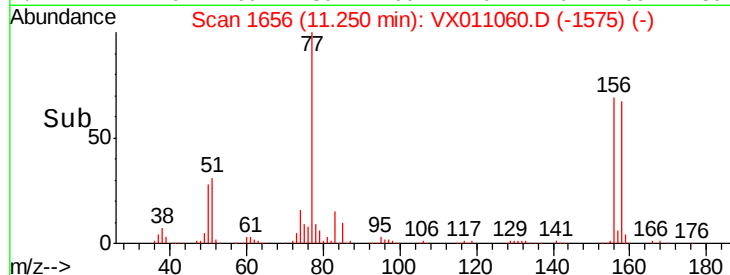
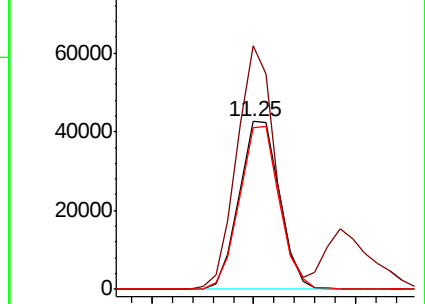
158 95.8 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.563 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011060.D

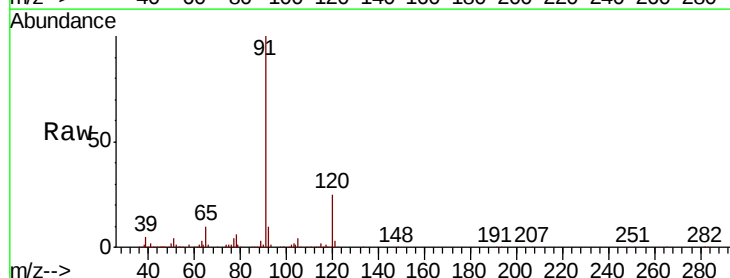
Acq: 24 Jul 2019 16:25

Tgt Ion: 91 Resp: 243287

Ion Ratio Lower Upper

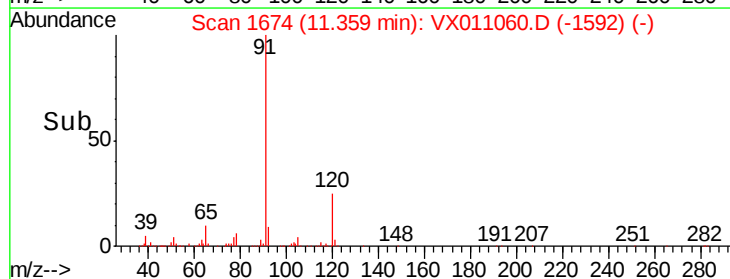
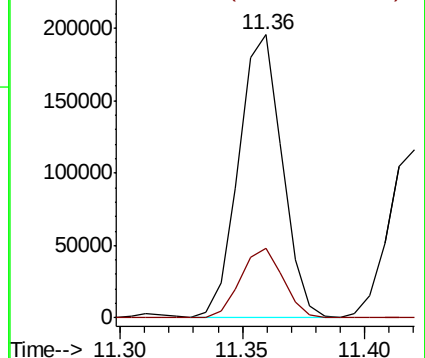
91 100

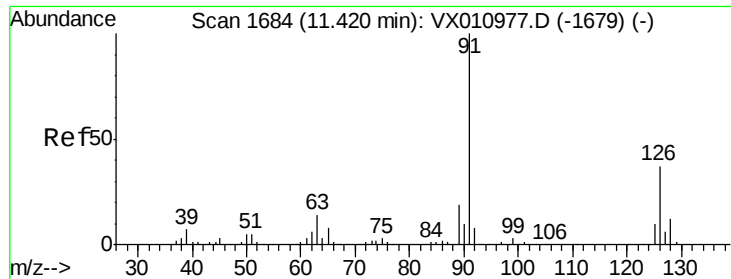
120 24.1 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.618 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011060.D

Acq: 24 Jul 2019 16:25

Instrument :

MSVOA_X

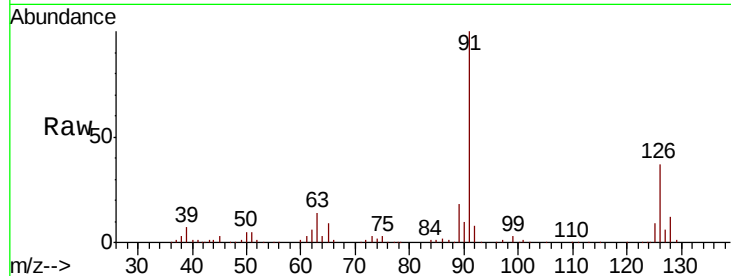
ClientSampleId :

Tot Ion: 91 Resp: 145287

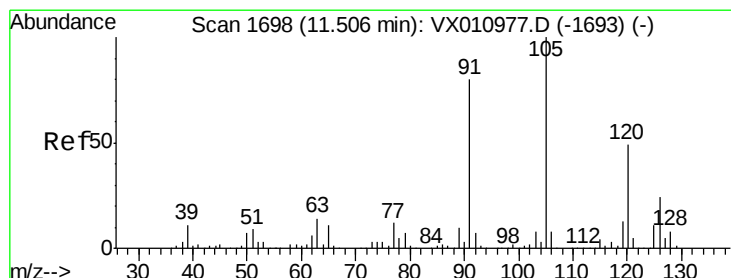
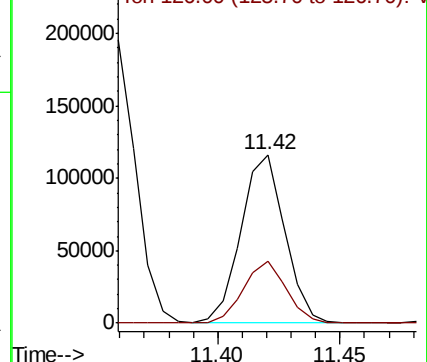
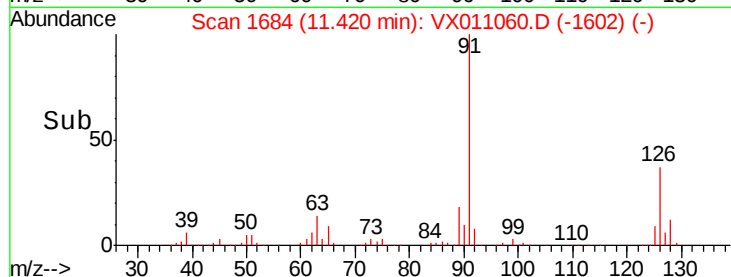
Ion Ratio Lower Upper

91 100

126 35.7 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX011060.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.337 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011060.D

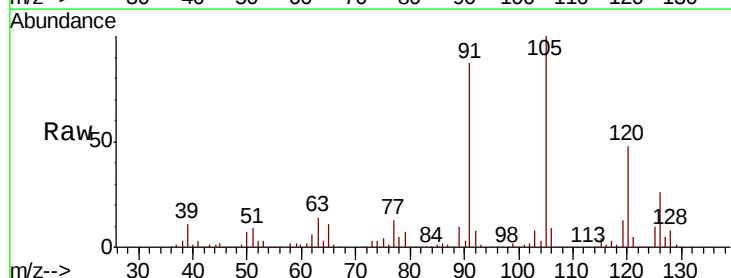
Acq: 24 Jul 2019 16:25

Tgt Ion:105 Resp: 180964

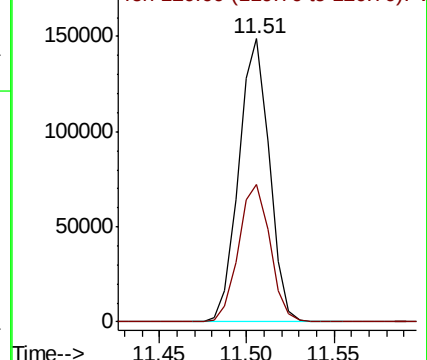
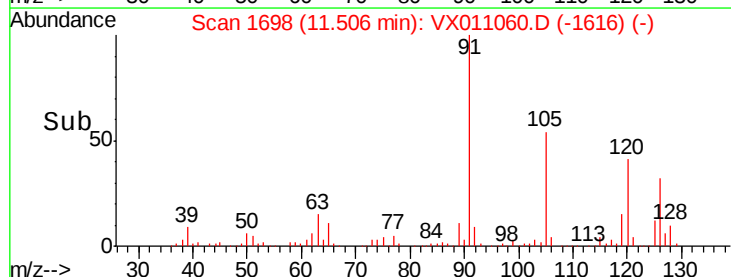
Ion Ratio Lower Upper

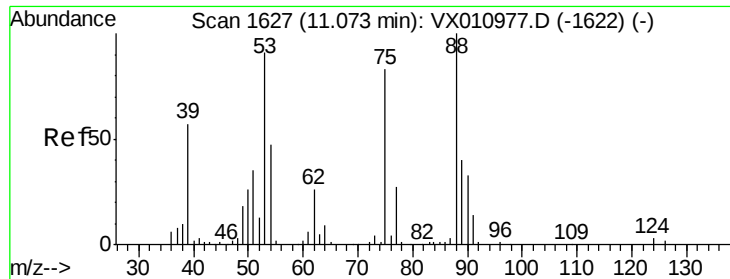
105 100

120 49.7 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX011060.D (-1616) (-)

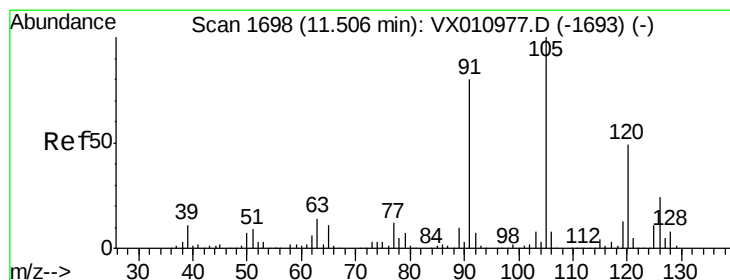
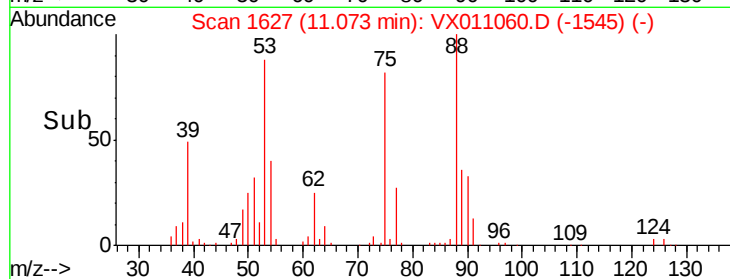
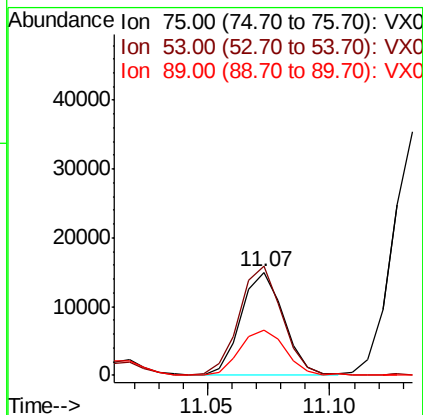
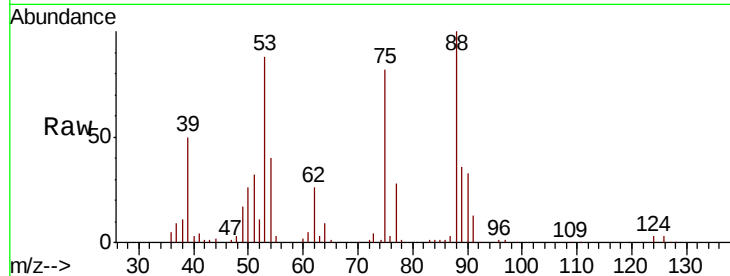




#77
t-1,4-Dichloro-2-butene
Concen: 19.730 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

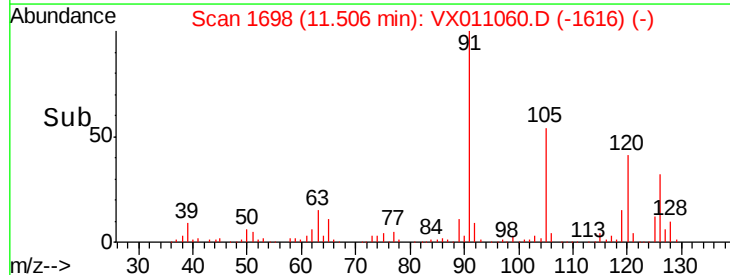
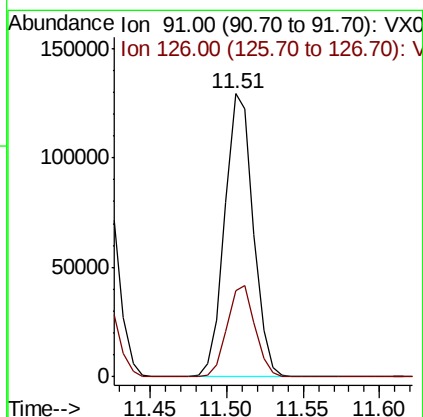
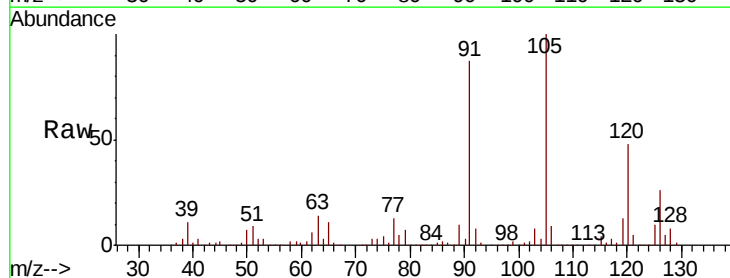
Instrument :
MSVOA_X
ClientSampled :

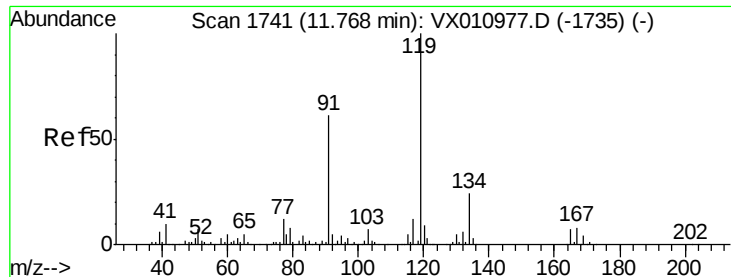
Tot Ion: 75 Resp: 18418
Ion Ratio Lower Upper
75 100
53 106.7 54.8 164.3
89 43.5 24.6 73.6



#78
4-Chlorotoluene
Concen: 20.592 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 91 Resp: 166647
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.6

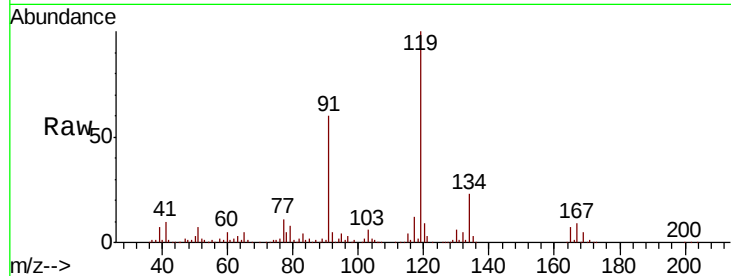




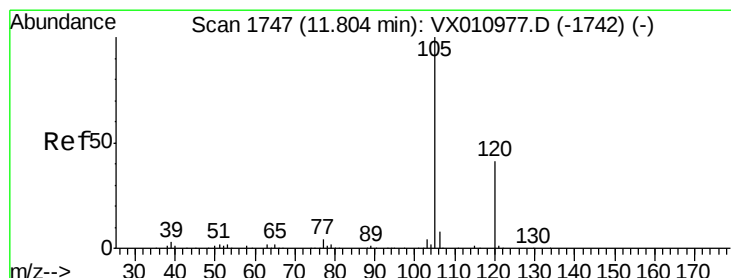
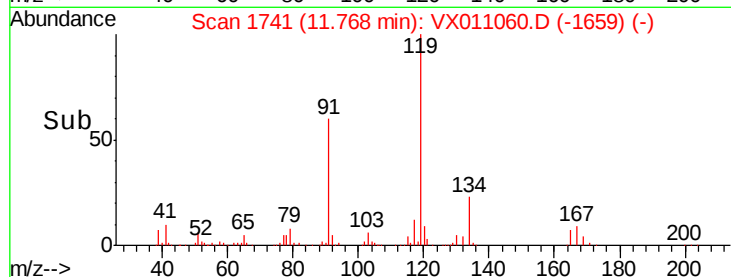
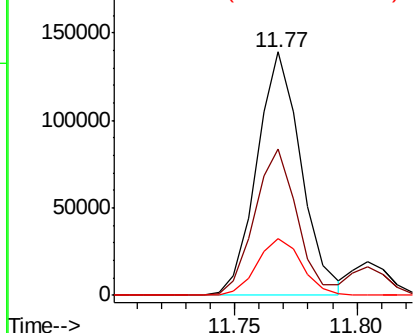
#79
tert-butylbenzene
Concen: 20.495 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 176886
Ion Ratio Lower Upper
119 100
91 58.3 0.0 118.4
134 23.7 0.0 47.4

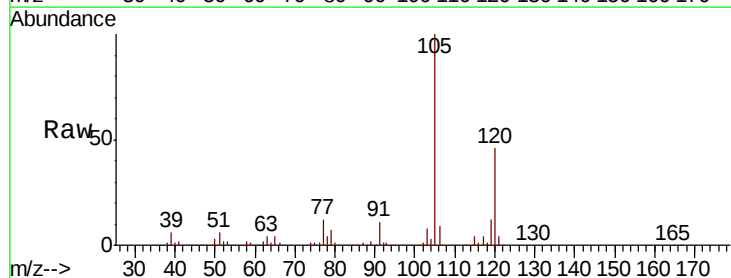


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

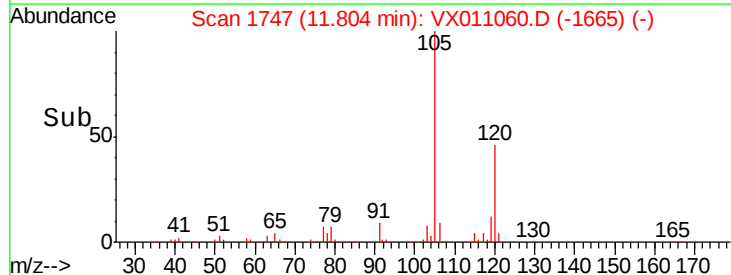
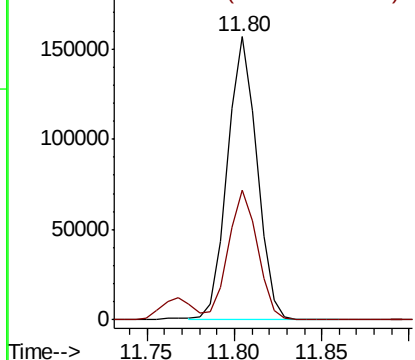


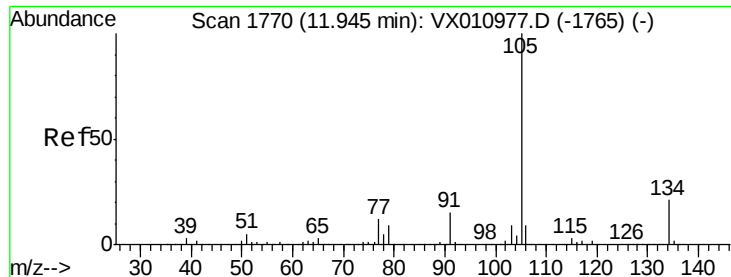
#80
1,2,4-Trimethylbenzene
Concen: 20.594 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion:105 Resp: 184533
Ion Ratio Lower Upper
105 100
120 45.6 0.0 91.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

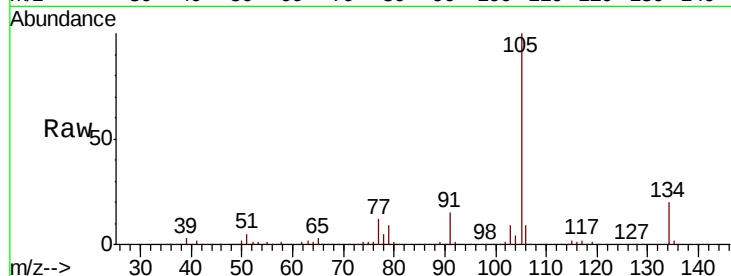




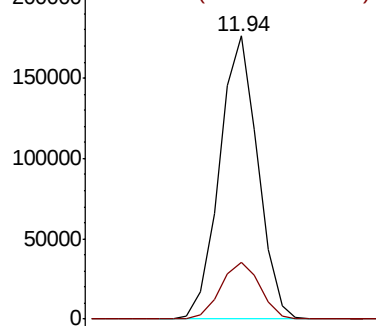
#81
 sec-Butylbenzene
 Concen: 20.759 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

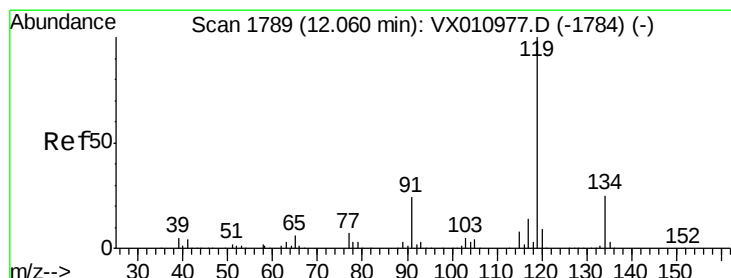
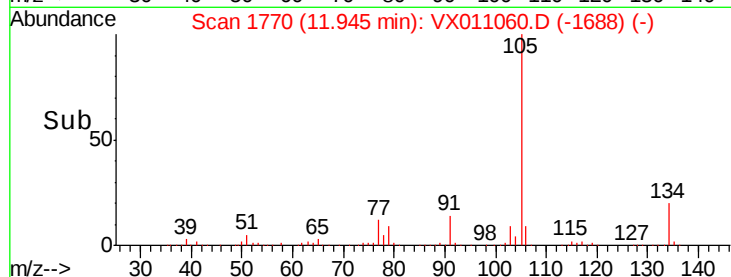
Tot Ion:105 Resp: 211198
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

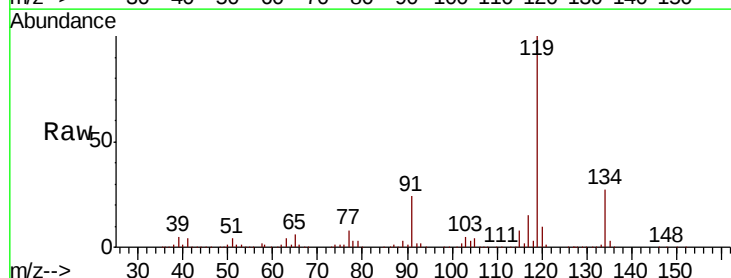


Time-->

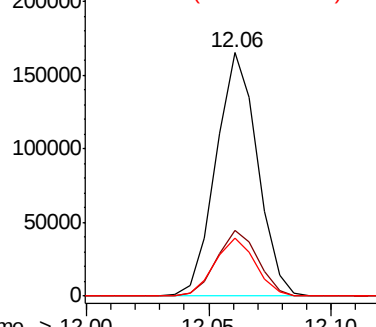


#82
 p-Isopropyltoluene
 Concen: 20.489 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

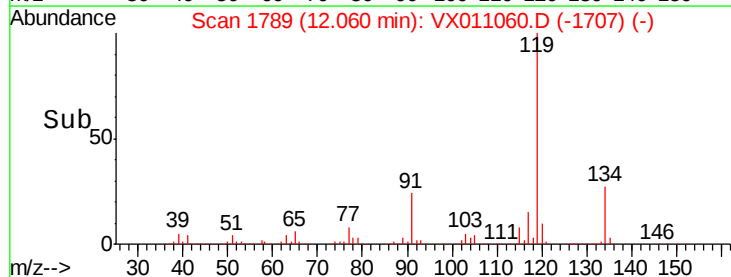
Tgt Ion:119 Resp: 193429
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.8
 91 23.7 0.0 47.0

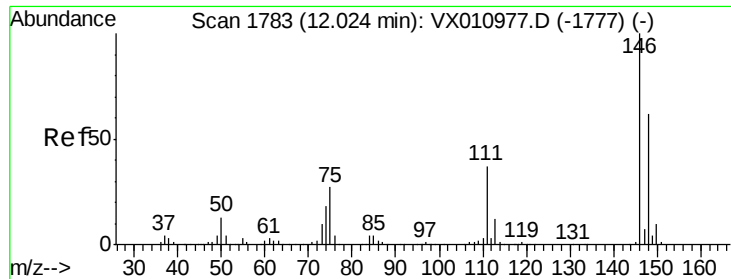


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

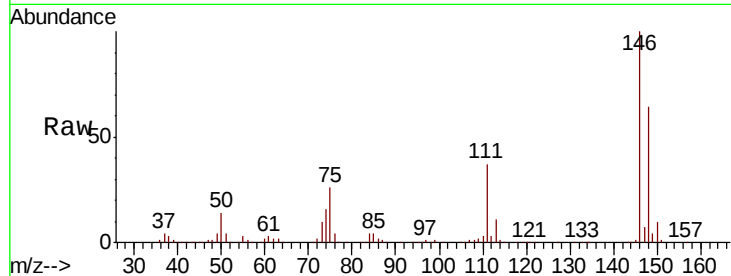




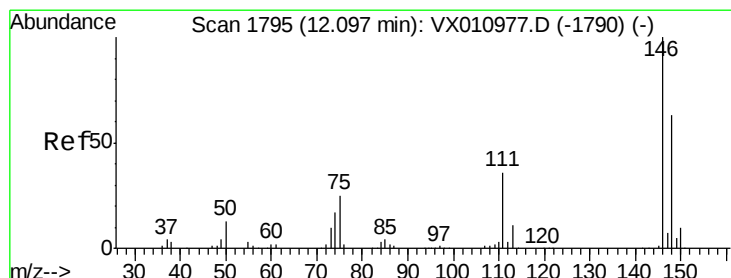
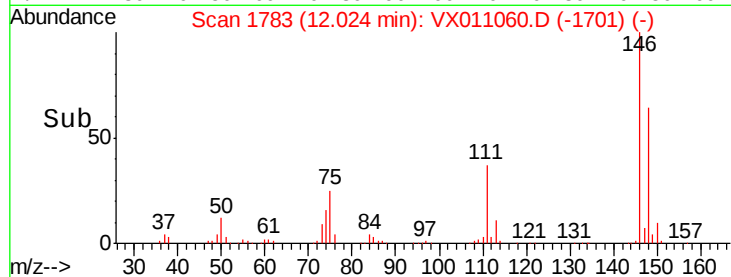
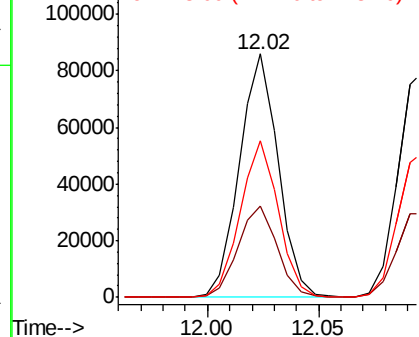
#83
 1,3-Dichlorobenzene
 Concen: 20.746 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 103881
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 63.6 31.4 94.0

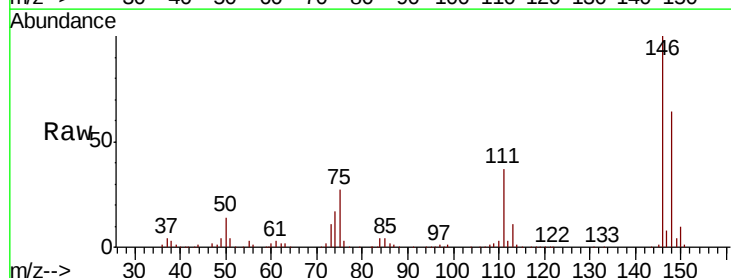


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

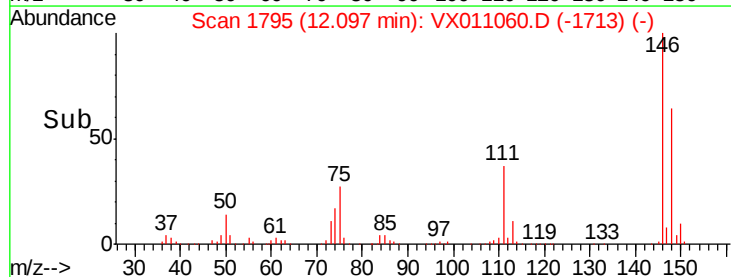
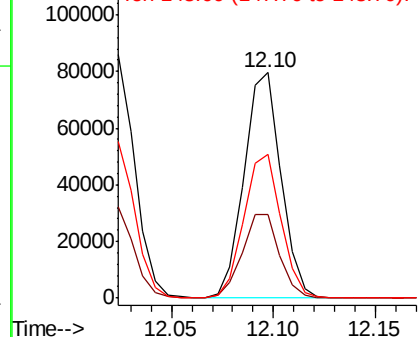


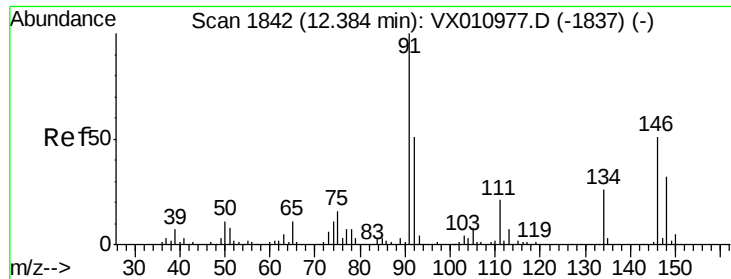
#84
 1,4-Dichlorobenzene
 Concen: 20.140 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion:146 Resp: 100231
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.5 55.5
 148 64.4 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

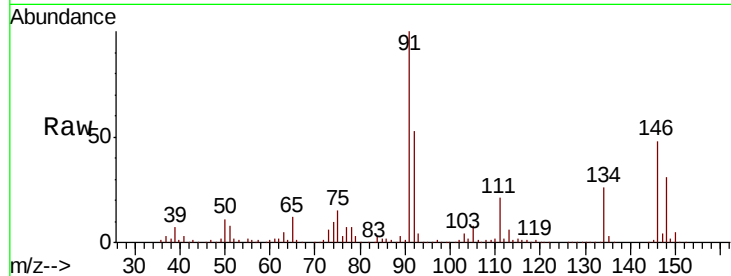




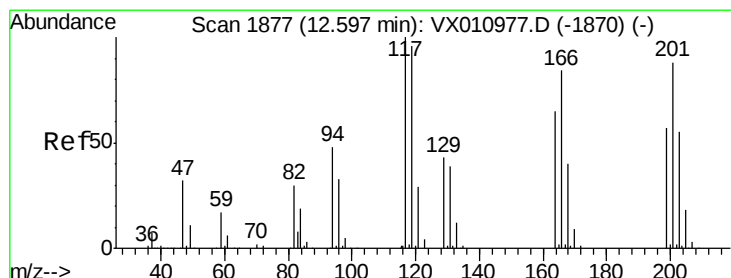
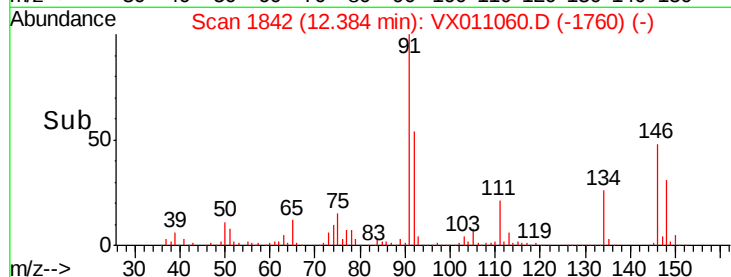
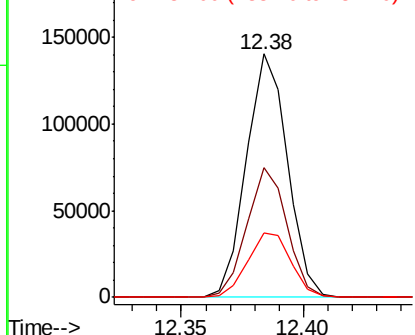
#85
n-Butylbenzene
Concen: 20.533 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 165065
Ion Ratio Lower Upper
91 100
92 52.1 0.0 103.6
134 27.6 0.0 54.2

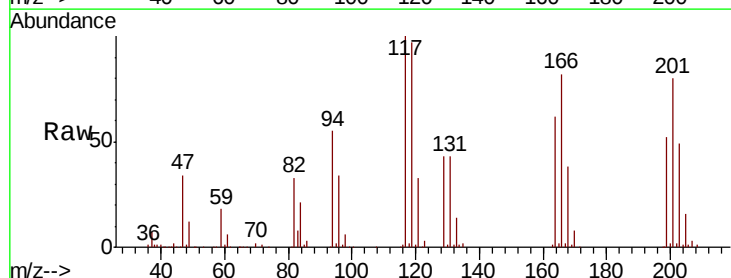


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

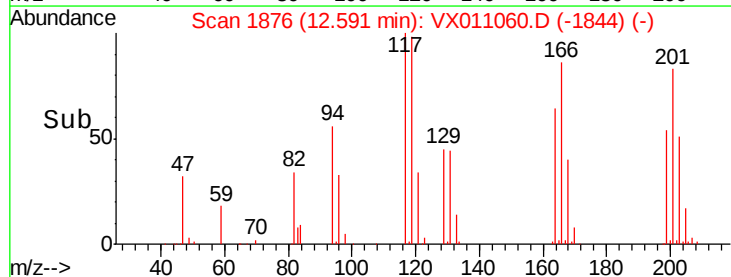
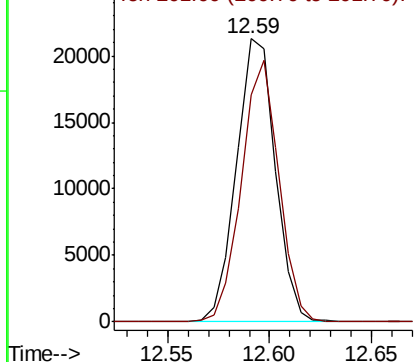


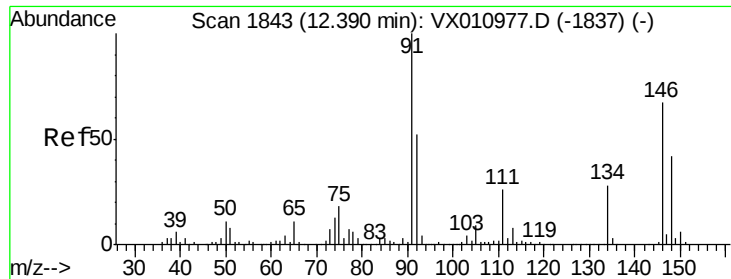
#86
Hexachloroethane
Concen: 18.934 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion: 117 Resp: 28191
Ion Ratio Lower Upper
117 100
201 88.8 42.1 126.3



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

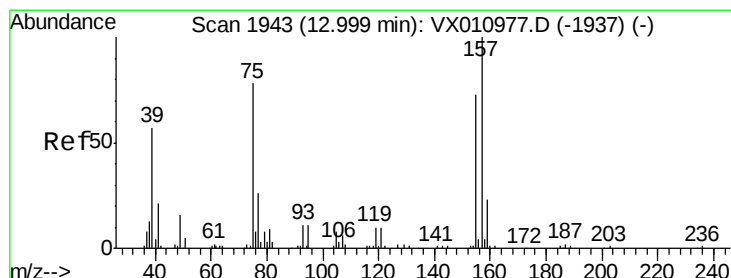
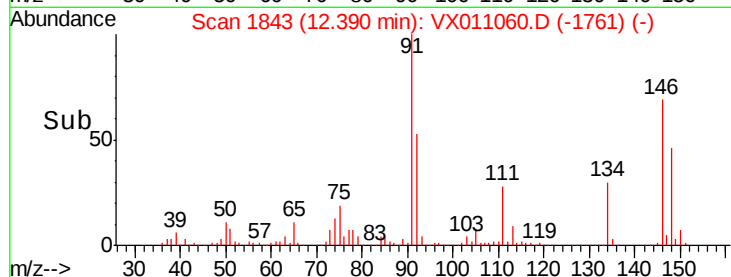
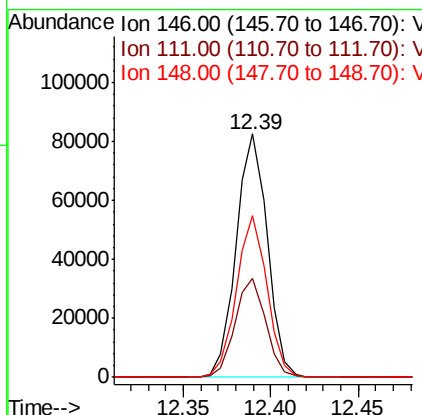
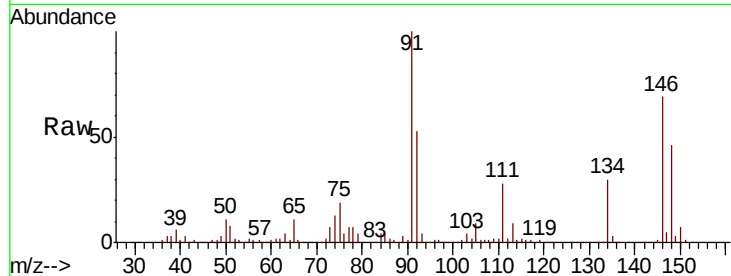




#87
 1,2-Dichlorobenzene
 Concen: 20.825 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

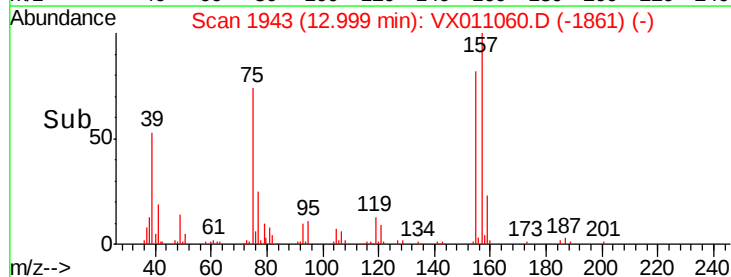
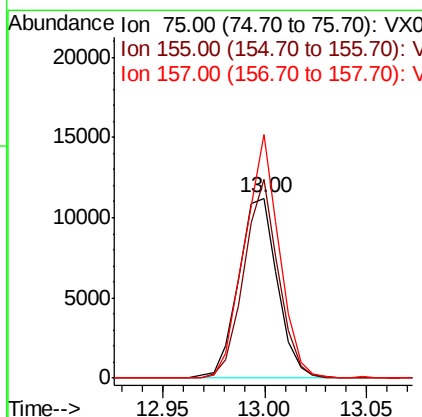
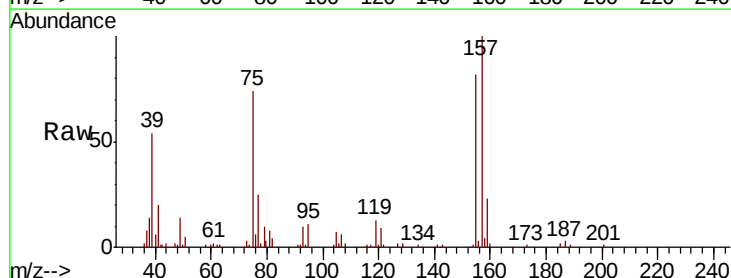
Instrument :
 MSVOA_X
 ClientSampleId :

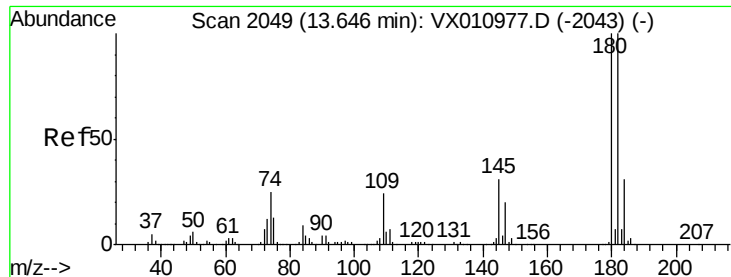
Tot Ion:146 Resp: 102092
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.5 58.5
 148 65.2 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.817 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion: 75 Resp: 14788
 Ion Ratio Lower Upper
 75 100
 155 97.7 76.6 115.0
 157 121.3 101.0 151.4

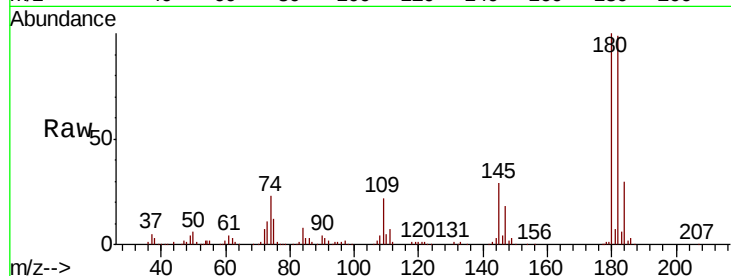




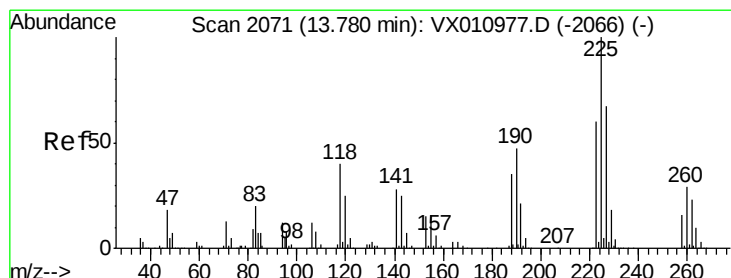
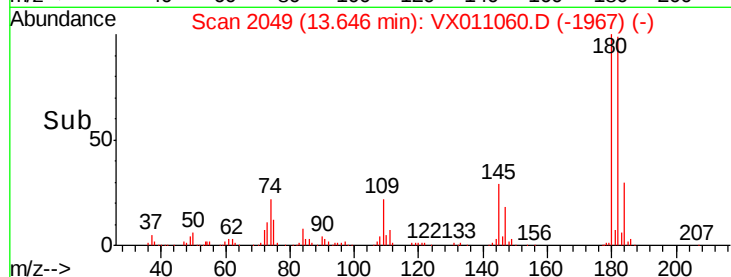
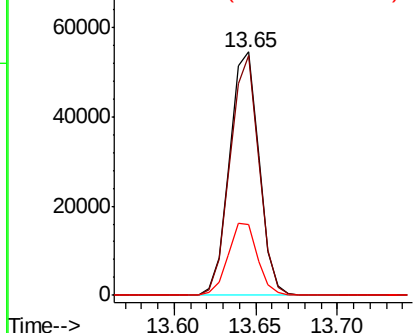
#89
 1,2,4-Trichlorobenzene
 Concen: 20.309 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 68672
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.6 116.4
 145 29.7 23.8 35.6

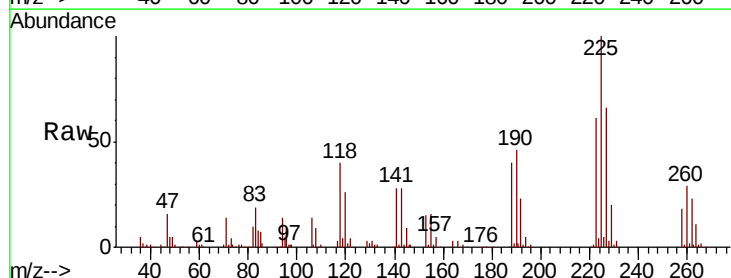


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

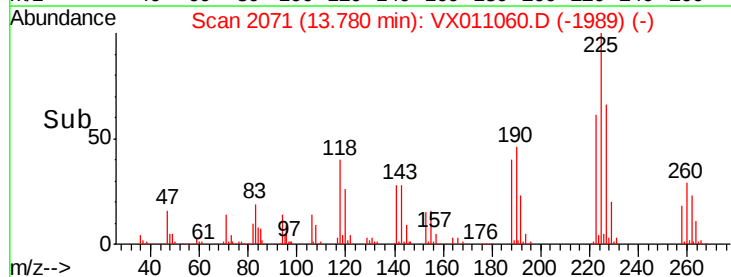
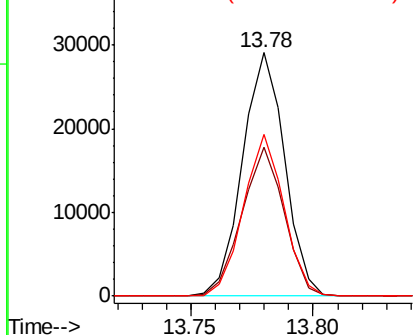


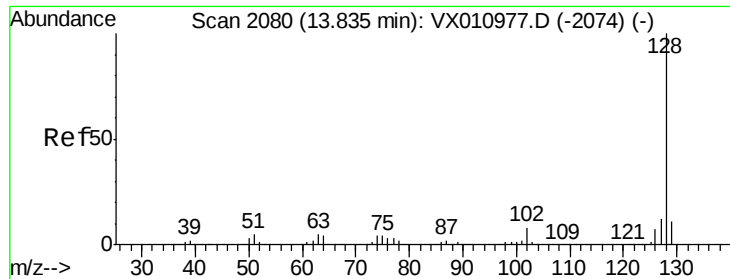
#90
 Hexachlorobutadiene
 Concen: 21.306 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011060.D
 Acq: 24 Jul 2019 16:25

Tgt Ion:225 Resp: 34833
 Ion Ratio Lower Upper
 225 100
 223 61.2 0.0 121.4
 227 63.8 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

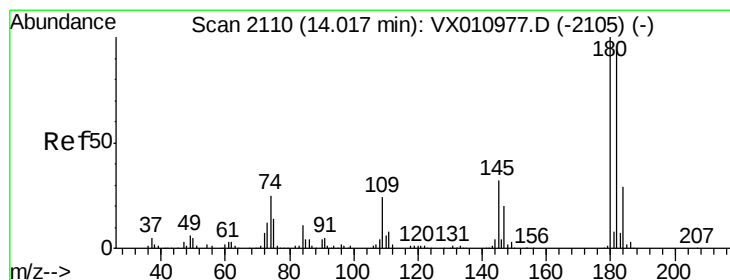
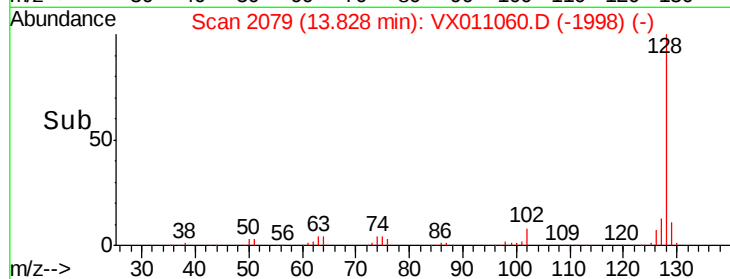
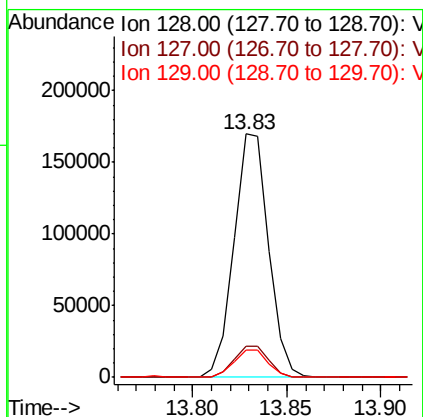
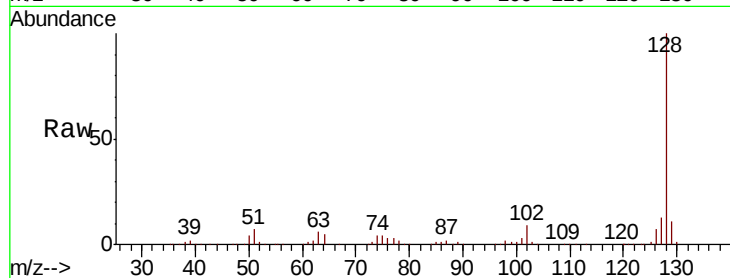




#91
Naphthalene
Concen: 21.060 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 217288
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.1 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 21.315 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011060.D
Acq: 24 Jul 2019 16:25

Tgt Ion:180 Resp: 72240
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.2
145 31.1 0.0 63.8

