

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009479.D
 Acq On : 10 May 2019 13:37
 Operator : JC/SP
 Sample : VX0510WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Quant Time: May 11 02:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28046	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	160673	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	142602	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	68489	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	11.13	95	72569	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	203854	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	29088	19.519 ug/l	96
3) Chloromethane	1.32	50	43298	21.615 ug/l	100
4) Vinyl Chloride	1.41	62	42917	21.476 ug/l	99
5) Bromomethane	1.64	94	24088	19.016 ug/l	98
6) Chloroethane	1.72	64	28296	21.591 ug/l	99
7) Trichlorofluoromethane	1.93	101	53262	21.584 ug/l	98
8) Diethyl Ether	2.19	74	24007	20.952 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31809	20.820 ug/l	99
10) 1,1-Dichloroethene	2.37	96	33315	21.717 ug/l	95
11) Methyl Iodide	2.51	142	32246	19.337 ug/l	99
12) Methyl Acetate	2.78	43	56444	19.535 ug/l	96
13) Acrolein	2.29	56	42160	106.385 ug/l	100
14) Acrylonitrile	3.14	53	133812	106.712 ug/l	99
15) Acetone	2.44	58	36357	100.985 ug/l	100
16) Carbon Disulfide	2.57	76	92804	22.359 ug/l	100
17) Allyl chloride	2.73	41	77430	21.025 ug/l	99
18) Methylene Chloride	2.85	84	39900	21.522 ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	35301	21.583 ug/l	93
20) Diisopropyl ether	3.85	45	154517	21.305 ug/l	95
21) 1,1-Dichloroethane	3.70	63	74326	21.177 ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	42099	21.368 ug/l	100
23) tert-Butyl Alcohol	3.04	59	51815	97.723 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	127242	21.195 ug/l	99
25) Chloroform	5.21	83	70530	22.021 ug/l	99
26) Cyclohexane	5.58	56	71463	21.847 ug/l	# 97
29) 1,1-Dichloropropene	5.80	75	51425	21.813 ug/l	99
30) 2-Butanone	4.67	43	195804	106.049 ug/l	100
31) 2,2-Dichloropropane	4.59	77	51756	19.913 ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	56162	21.974 ug/l	97
33) Carbon Tetrachloride	5.79	117	46827	21.898 ug/l	99
34) Benzene	6.14	78	162317	22.332 ug/l	99
35) Methacrylonitrile	5.04	41	41403	21.433 ug/l	96
36) 1,2-Dichloroethane	6.19	62	58656	22.240 ug/l	99
37) Trichloroethene	7.21	130	37990	21.712 ug/l	96
38) Methylcyclohexane	7.46	83	63281	21.725 ug/l	100
39) 1,2-Dichloropropane	7.51	63	44929	21.707 ug/l	97
40) Dibromomethane	7.66	93	25809	21.969 ug/l	96

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 VX0510WBSD01

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	51710	21.549	ug/l	92
42) Vinyl Acetate	3.81	43	681250	111.794	ug/l	100
43) Ethyl Acetate	4.83	43	74727	22.398	ug/l	98
44) Isopropyl Acetate	6.45	43	116439	21.544	ug/l	99
45) 1,4-Dioxane	7.74	88	21075	397.161	ug/l	99
46) Methyl methacrylate	7.77	41	58002	21.501	ug/l	99
47) n-amyl Acetate	10.90	43	103493	21.256	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	58998	21.072	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	65100	21.180	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	40040	22.246	ug/l	98
51) Ethyl methacrylate	9.18	69	71442	21.480	ug/l	99
52) 1,3-Dichloropropane	9.37	76	70143	21.959	ug/l	100
53) Dibromochloromethane	9.58	129	38788	21.639	ug/l	98
54) 1,2-Dibromoethane	9.67	107	40381	21.876	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	161472	91.106	ug/l	99
56) Bromoform	10.85	173	28508	20.718	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	383045	109.241	ug/l	100
59) 2-Hexanone	9.49	43	293230	106.620	ug/l	99
61) Tetrachloroethene	9.33	164	34584	22.000	ug/l	97
62) Toluene	8.79	91	170650	22.395	ug/l	100
64) Chlorobenzene	10.14	112	101363	22.103	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	36675	21.841	ug/l	99
66) Ethyl Benzene	10.25	91	187746	22.117	ug/l	100
67) m/p-Xylenes	10.36	106	137659	44.416	ug/l	98
68) o-Xylene	10.69	106	66702	21.887	ug/l	99
69) Styrene	10.71	104	114821	21.463	ug/l	99
70) Isopropylbenzene	11.02	105	179719	21.928	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	65011	21.659	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	75541	29.204	ug/l	84
73) Bromobenzene	11.26	156	44065	21.760	ug/l	99
74) n-propylbenzene	11.36	91	204083	21.488	ug/l	100
75) 2-Chlorotoluene	11.42	91	121449	21.319	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	150735	21.712	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	20539	19.685	ug/l	96
78) 4-Chlorotoluene	11.51	91	139127	21.503	ug/l	100
79) tert-butylbenzene	11.77	119	145191	21.633	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	149507	21.486	ug/l	99
81) sec-Butylbenzene	11.94	105	170651	21.401	ug/l	99
82) p-Isopropyltoluene	12.06	119	155830	21.484	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	76733	21.218	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	76210	21.152	ug/l	99
85) n-Butylbenzene	12.38	91	135126	20.359	ug/l	100
86) Hexachloroethane	12.60	117	25258	20.464	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	78203	21.482	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15022	21.537	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	53835	20.748	ug/l	99
90) Hexachlorobutadiene	13.78	225	27647	21.331	ug/l	99
91) Naphthalene	13.83	128	184504	21.718	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	56184	21.302	ug/l	99

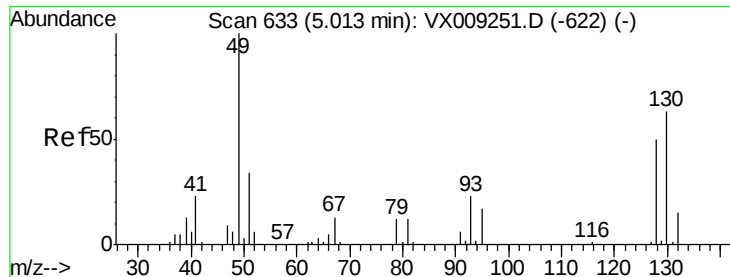
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
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QLast Update : Thu May 02 06:46:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

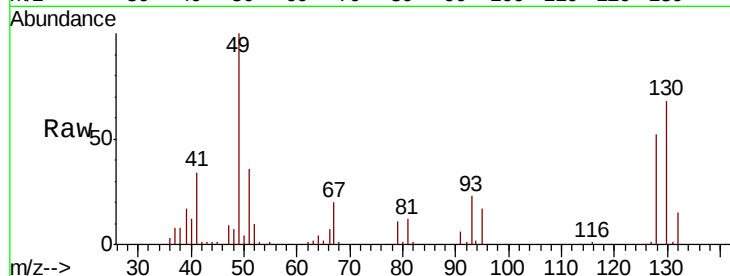
Tot Ion:128 Resp: 28046

Ion Ratio Lower Upper

128 100

49 201.0 0.0 515.0

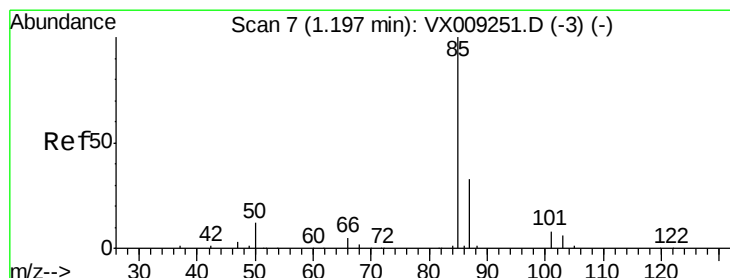
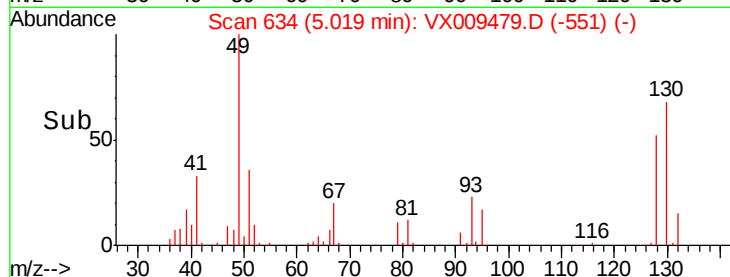
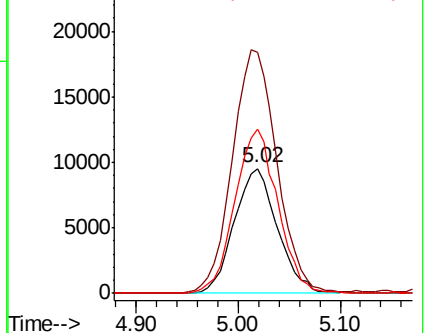
130 130.2 0.0 323.3



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: 19.519 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009479.D

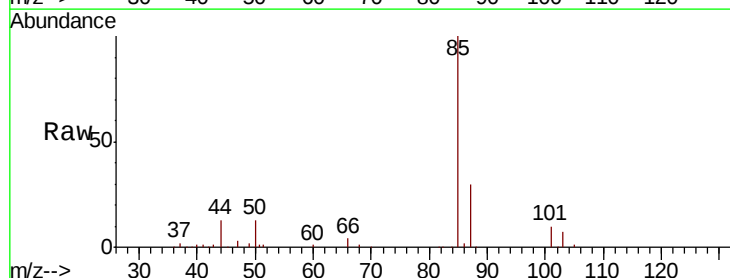
Acq: 10 May 2019 13:37

Tgt Ion: 85 Resp: 29088

Ion Ratio Lower Upper

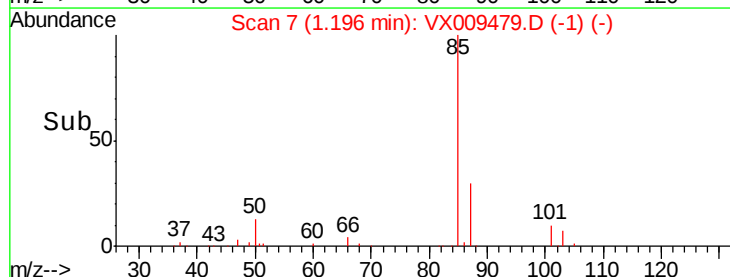
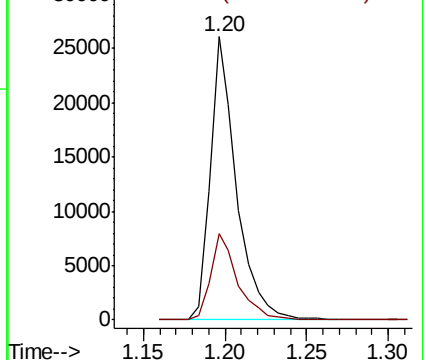
85 100

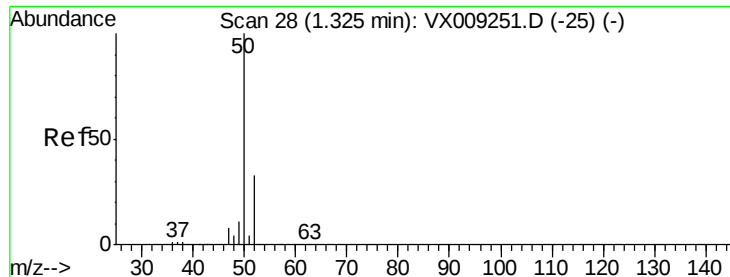
87 30.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.615 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

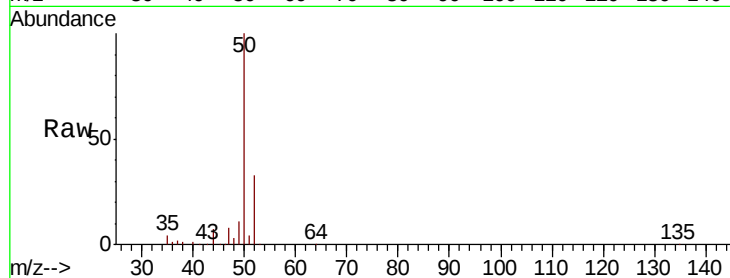
VX0510WBSD01

Tot Ion: 50 Resp: 43298

Ion Ratio Lower Upper

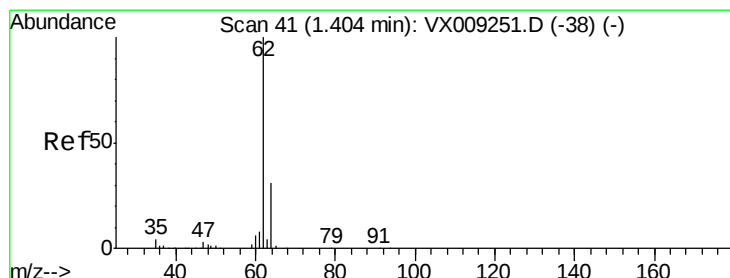
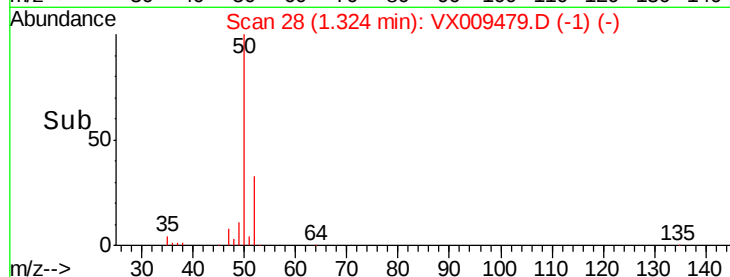
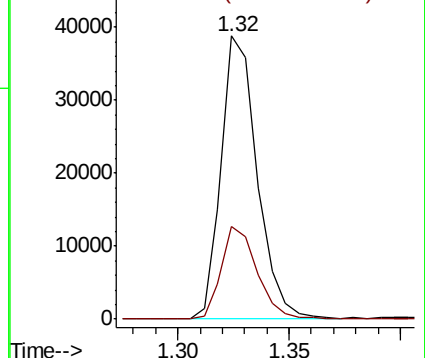
50 100

52 32.9 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 21.476 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009479.D

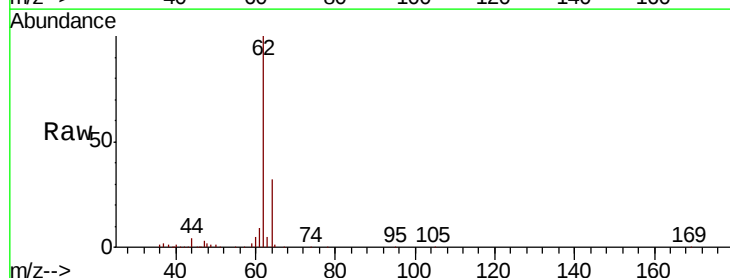
Acq: 10 May 2019 13:37

Tgt Ion: 62 Resp: 42917

Ion Ratio Lower Upper

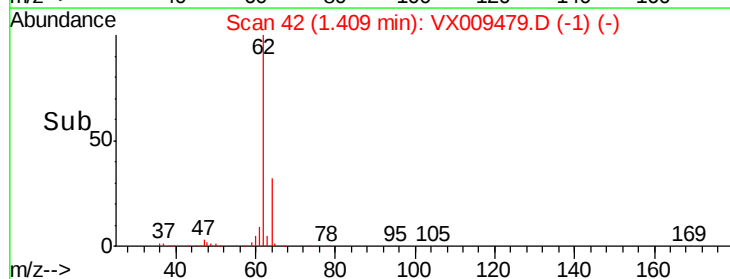
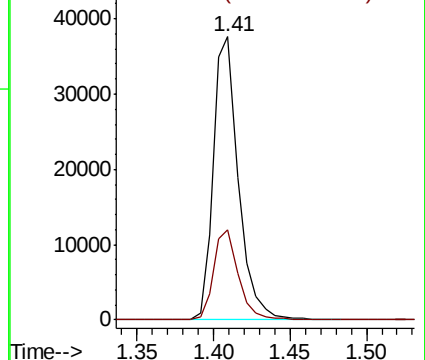
62 100

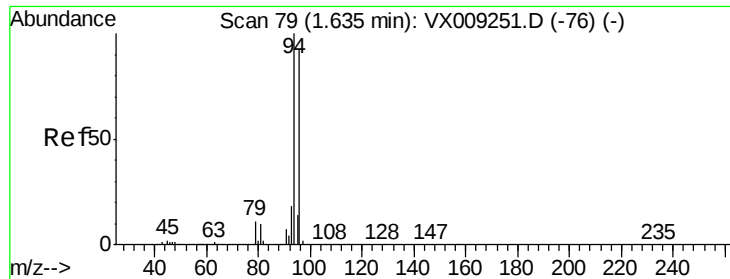
64 31.4 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.016 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

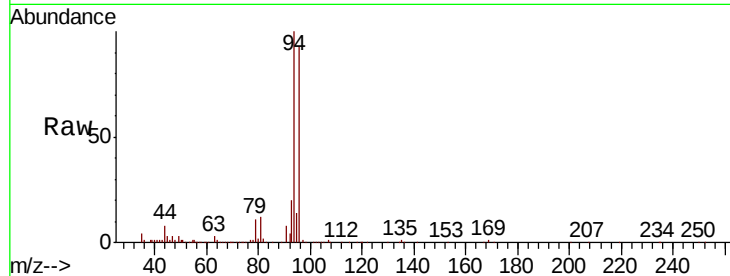
VX0510WBSD01

Tot Ion: 94 Resp: 24088

Ion Ratio Lower Upper

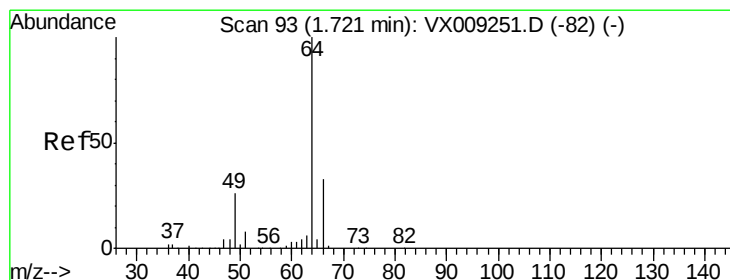
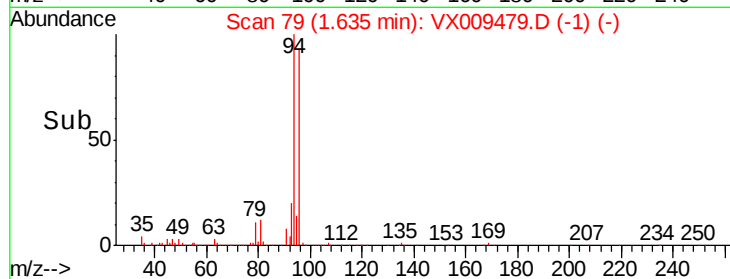
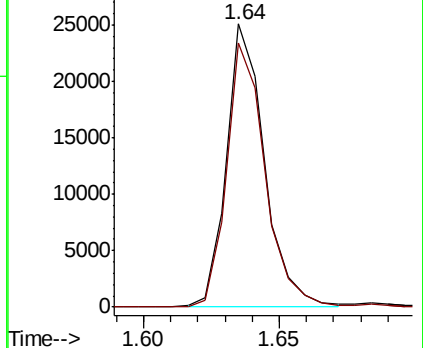
94 100

96 93.6 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 21.591 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009479.D

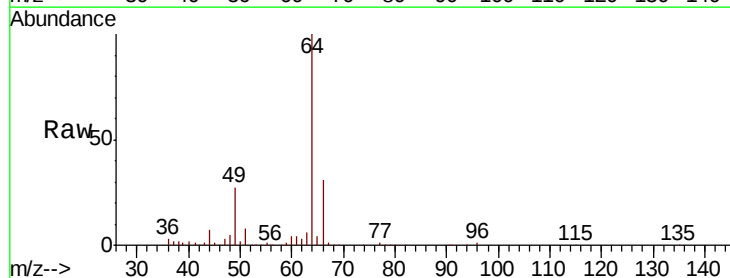
Acq: 10 May 2019 13:37

Tgt Ion: 64 Resp: 28296

Ion Ratio Lower Upper

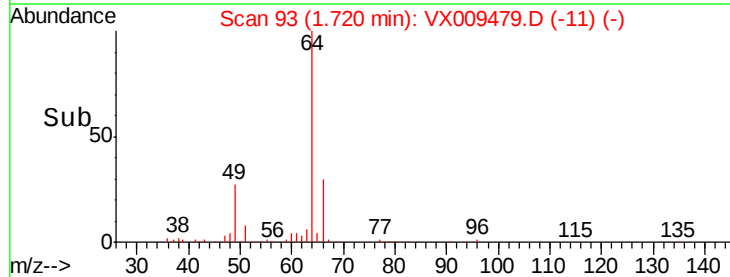
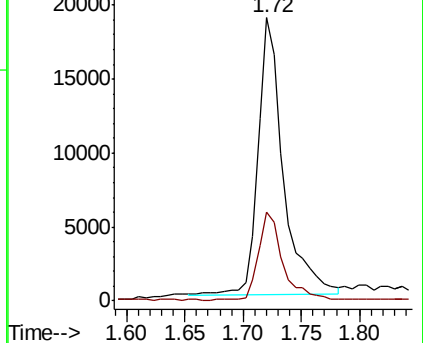
64 100

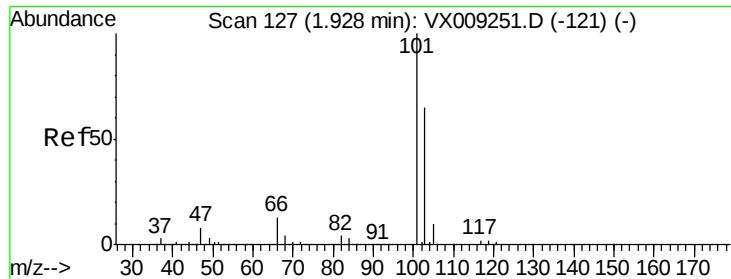
66 31.6 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



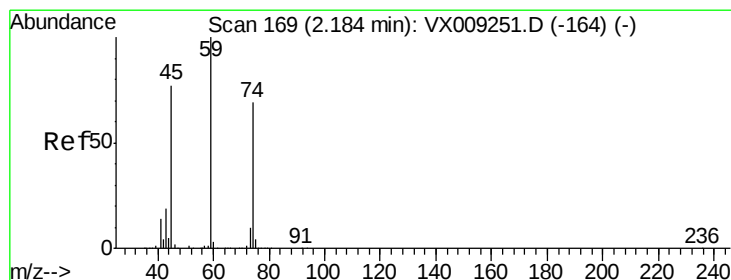
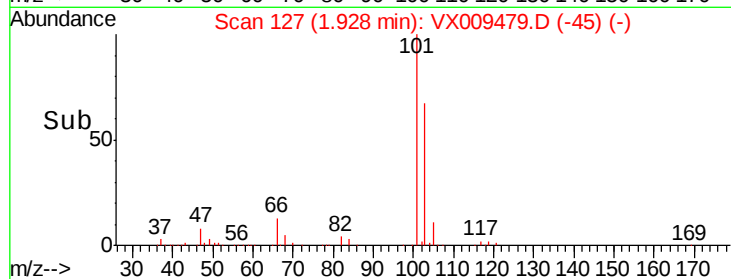
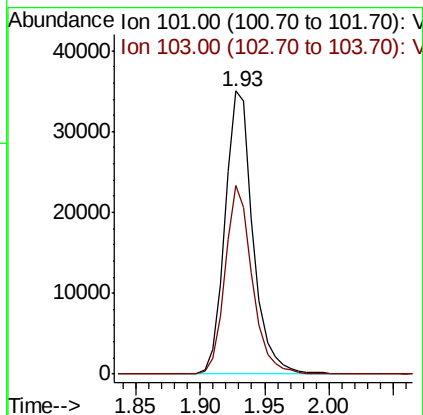
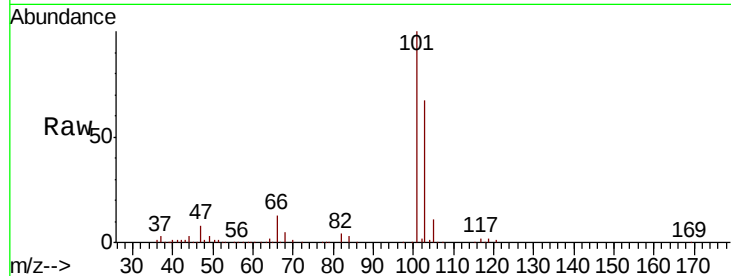


#7

Trichlorofluoromethane
 Concen: 21.584 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

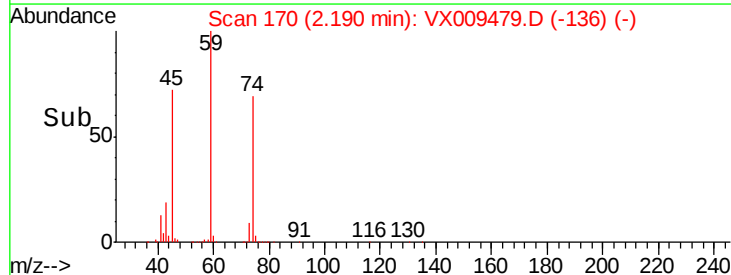
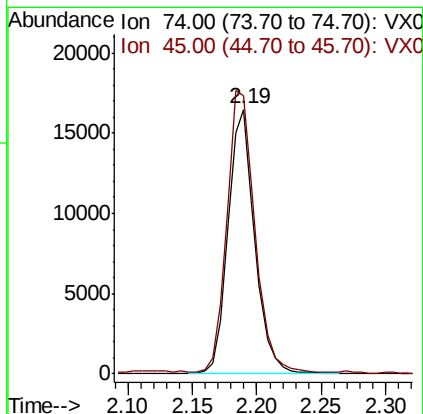
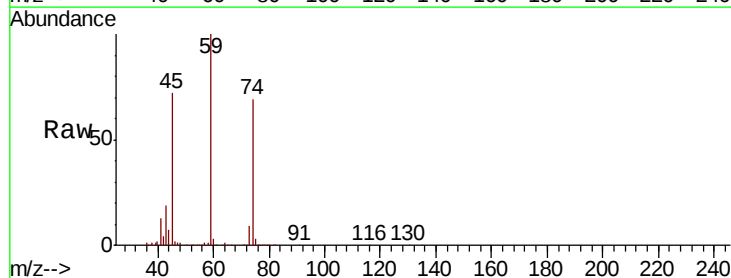
Tot Ion:101 Resp: 53262
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.9 77.9

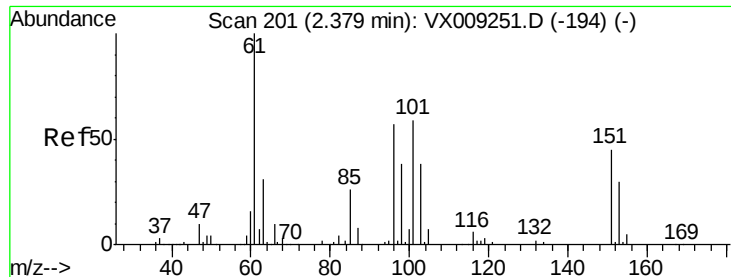


#8

Diethyl Ether
 Concen: 20.952 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 74 Resp: 24007
 Ion Ratio Lower Upper
 74 100
 45 113.1 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.820 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

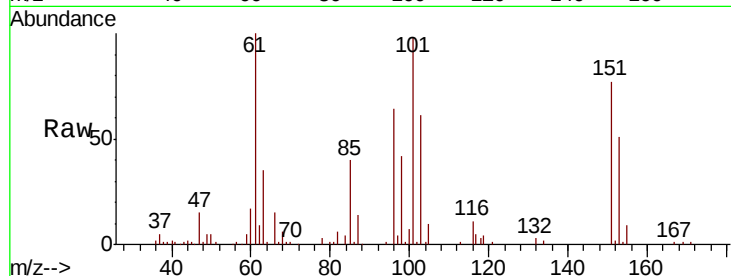
Tot Ion:101 Resp: 31809

Ion Ratio Lower Upper

101 100

85 44.6 0.0 87.4

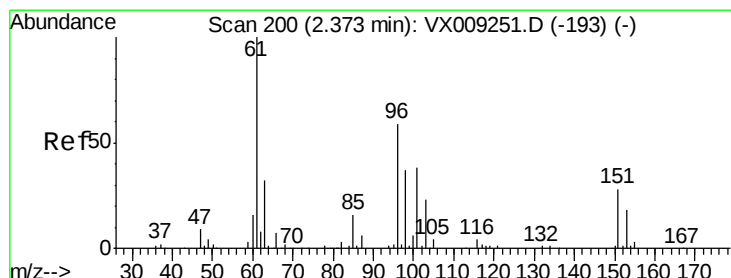
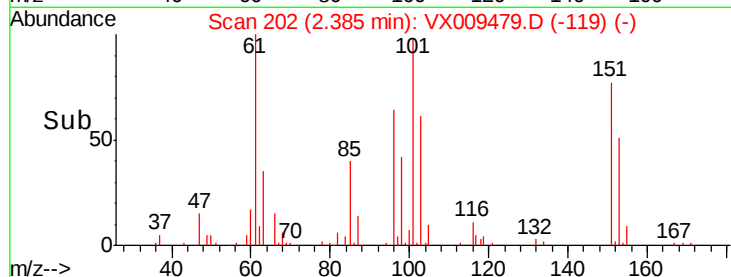
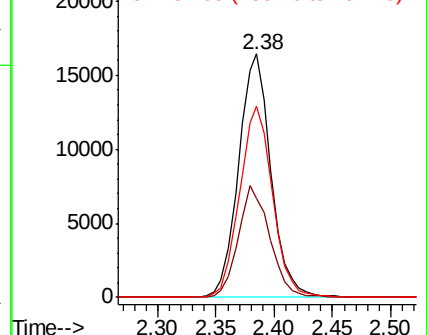
151 79.6 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.717 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

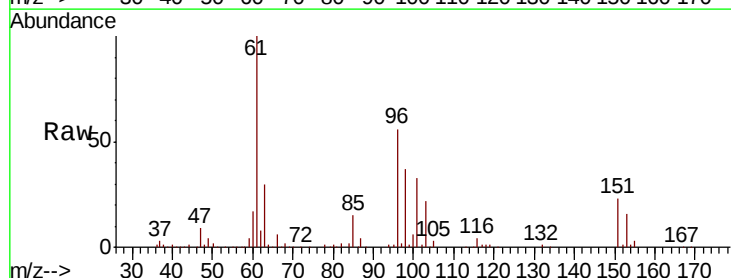
Tgt Ion: 96 Resp: 33315

Ion Ratio Lower Upper

96 100

61 179.2 136.5 204.7

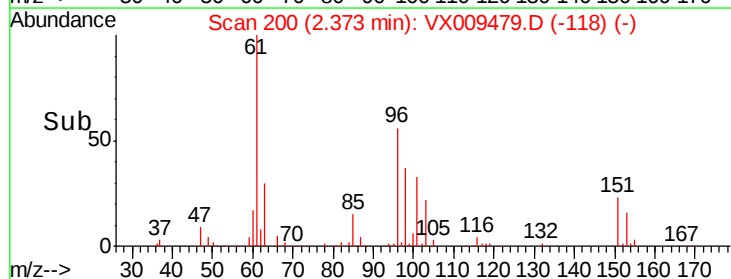
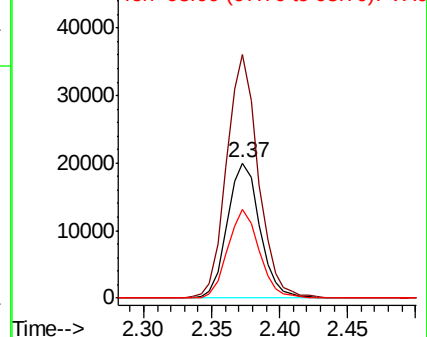
98 65.7 51.0 76.4

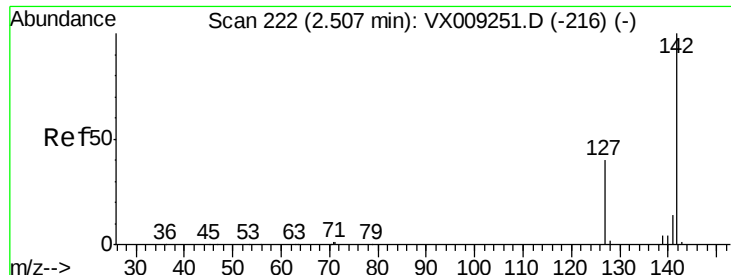


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

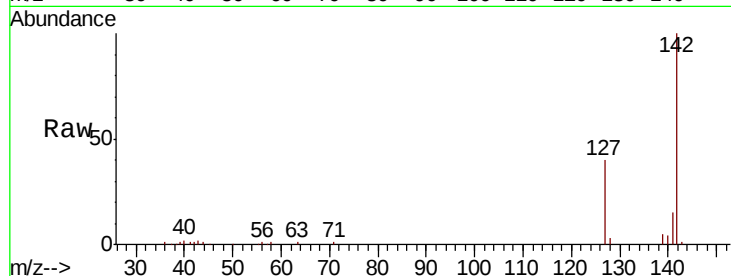




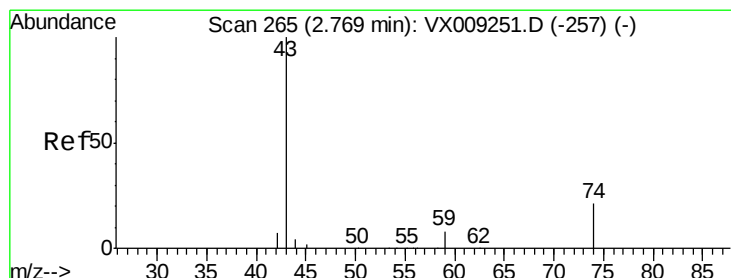
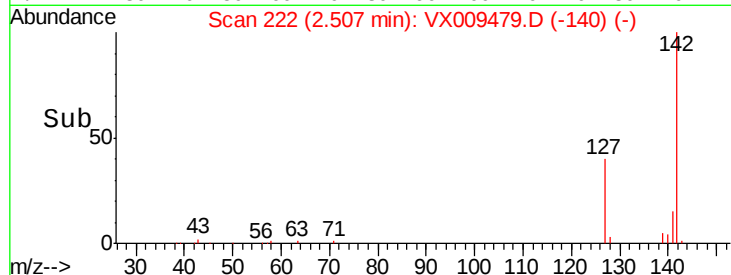
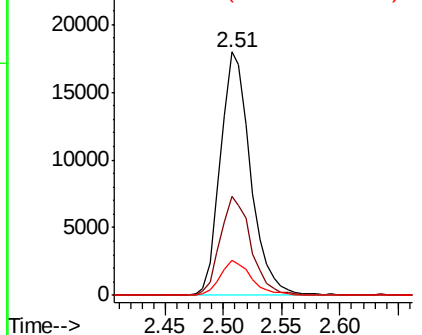
#11
Methvl Iodide
Concen: 19.337 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion:142 Resp: 32246
Ion Ratio Lower Upper
142 100
127 40.3 20.2 60.5
141 14.6 6.9 20.7

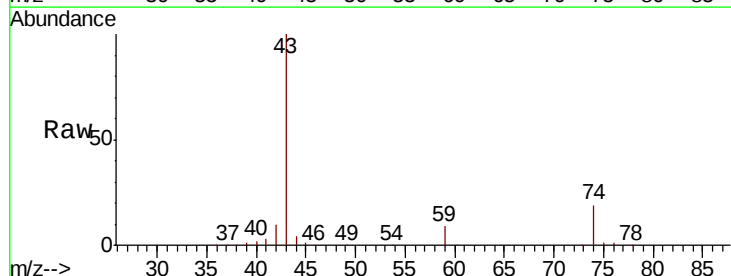


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

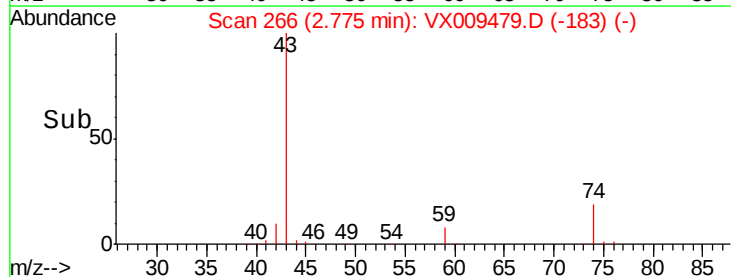
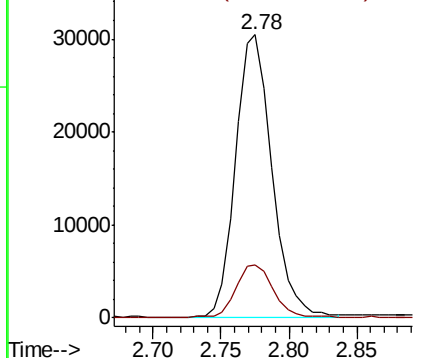


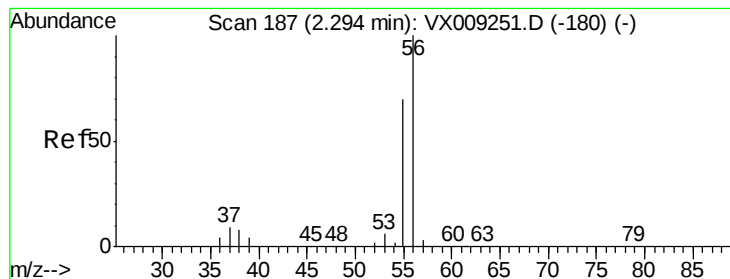
#12
Methyl Acetate
Concen: 19.535 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 43 Resp: 56444
Ion Ratio Lower Upper
43 100
74 18.7 16.5 24.7



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





#13

Acrolein

Concen: 106.385 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

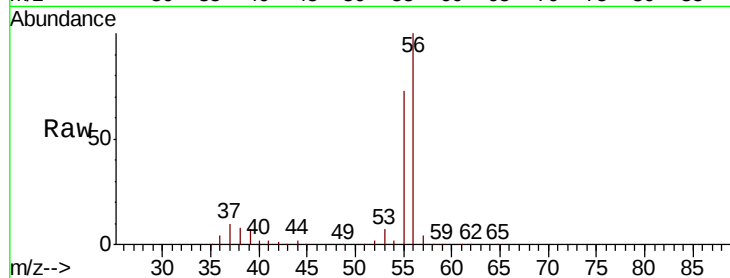
VX0510WBSD01

Tot Ion: 56 Resp: 42160

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

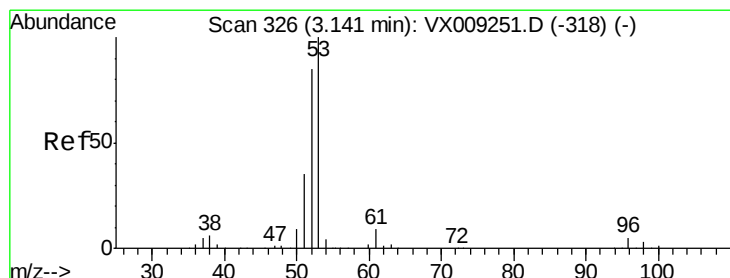
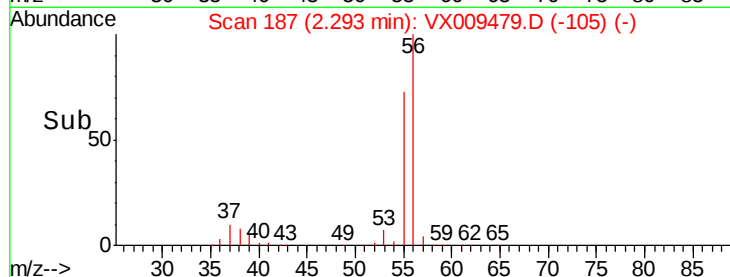
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 106.712 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

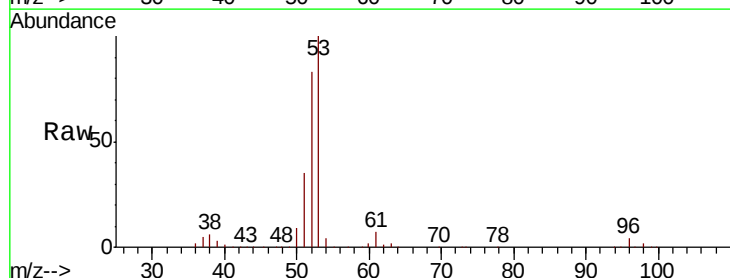
Tgt Ion: 53 Resp: 133812

Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.5

51 35.7 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

80000

60000

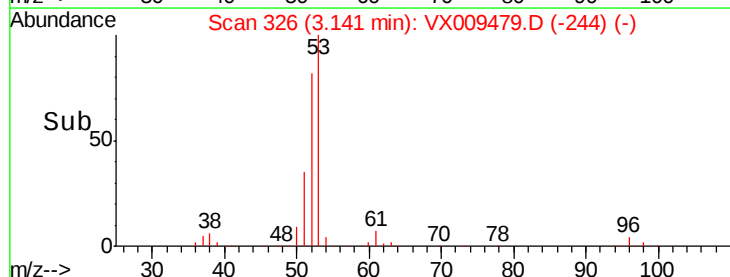
40000

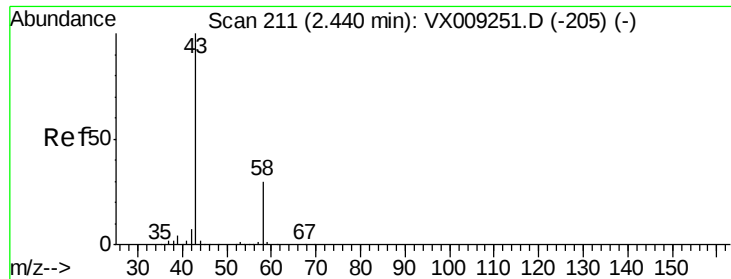
20000

0

Time-->

3.10 3.15 3.20 3.30





#15

Acetone

Concen: 100.985 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

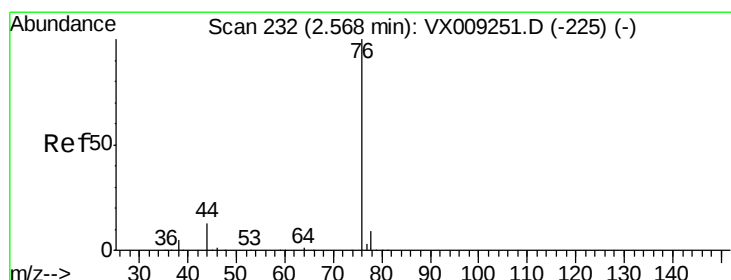
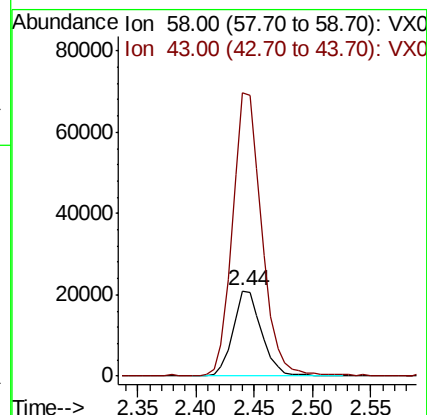
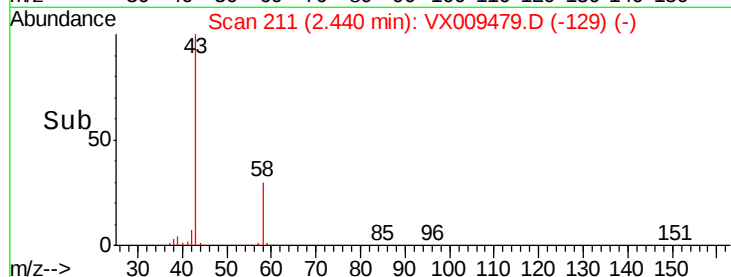
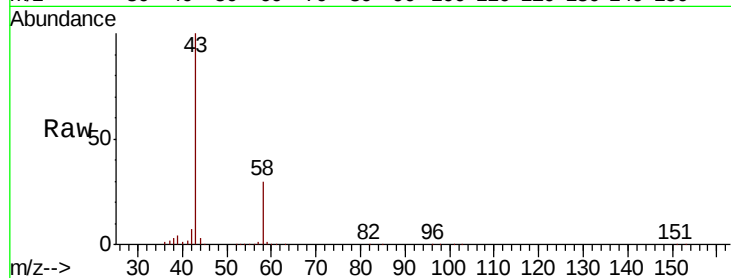
VX0510WBSD01

Tot Ion: 58 Resp: 36357

Ion Ratio Lower Upper

58 100

43 330.2 264.0 396.0



#16

Carbon Disulfide

Concen: 22.359 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009479.D

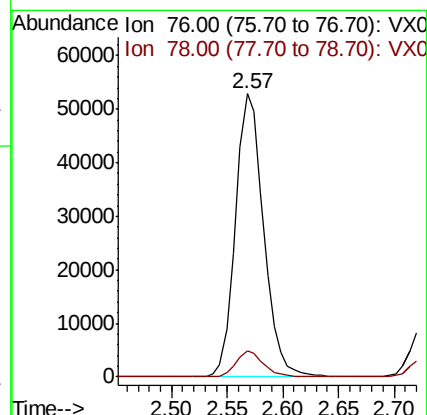
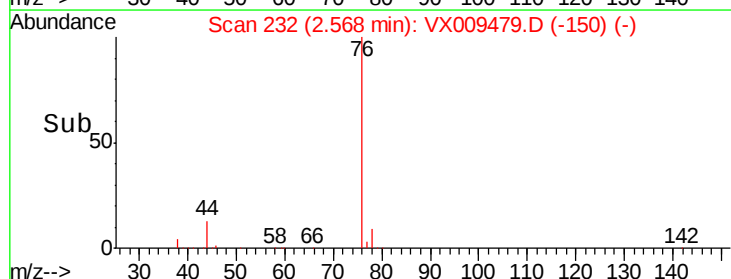
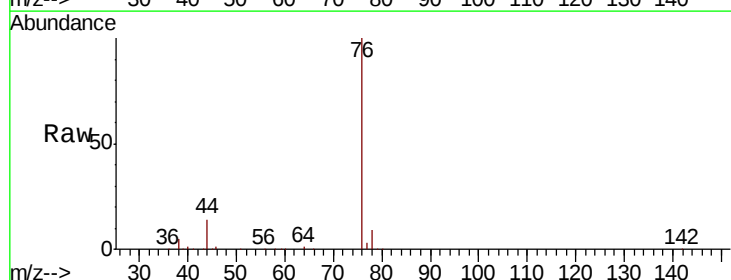
Acq: 10 May 2019 13:37

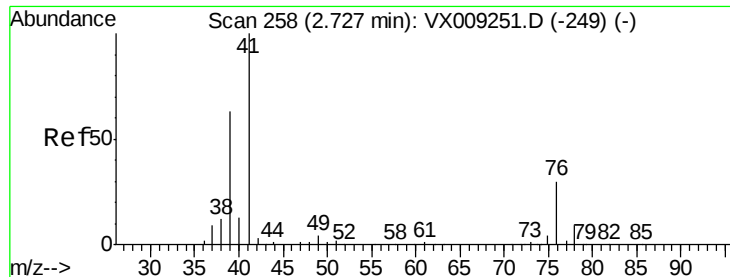
Tgt Ion: 76 Resp: 92804

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

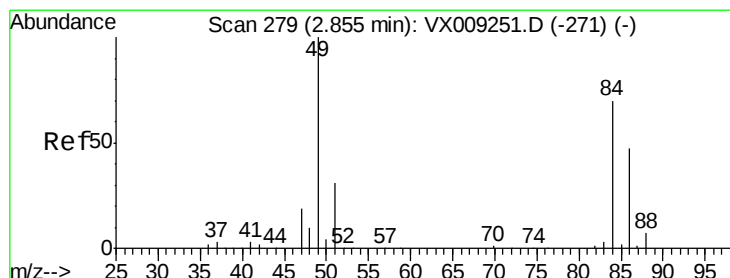
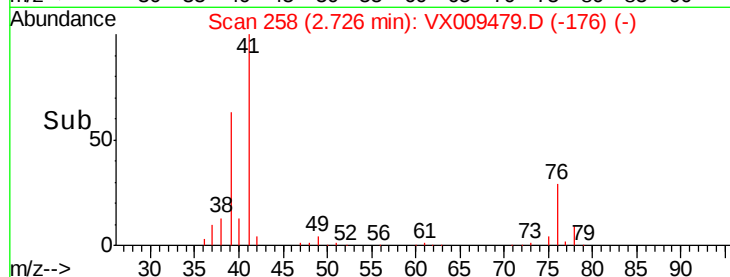
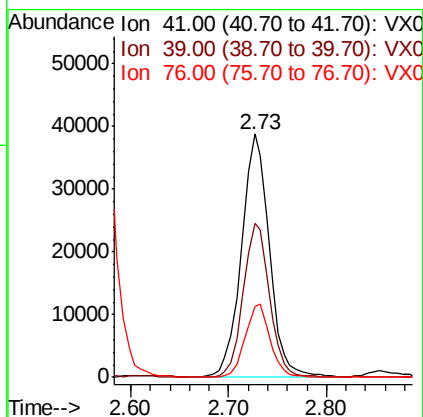
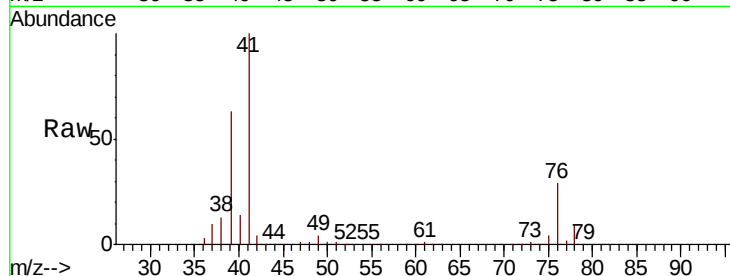




#17
Allvl chloride
Concen: 21.025 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

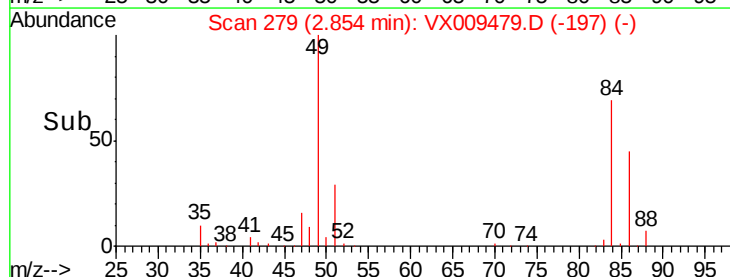
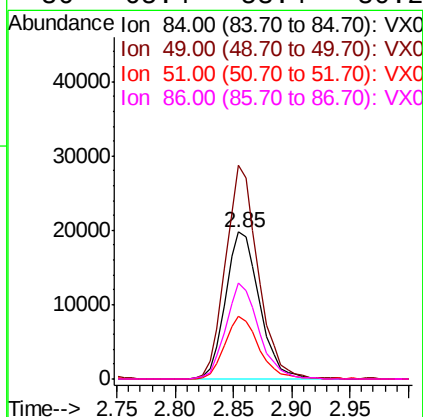
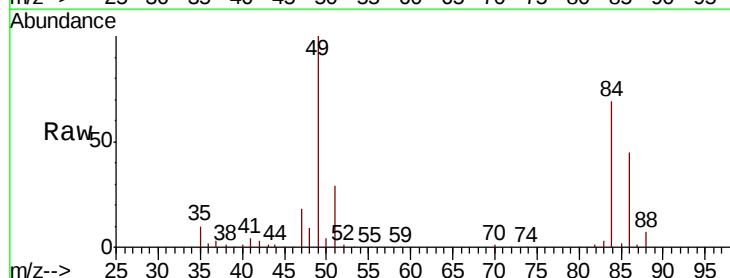
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

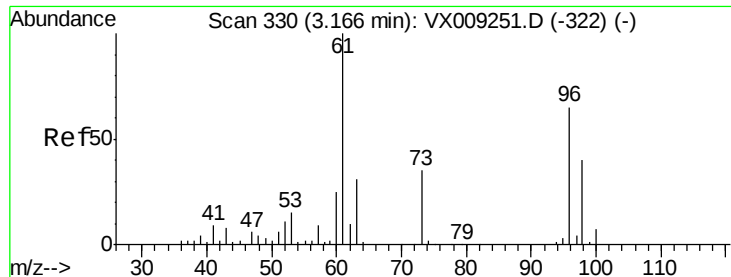
Tot Ion: 41 Resp: 77430
Ion Ratio Lower Upper
41 100
39 63.2 31.6 94.7
76 29.3 15.1 45.3



#18
Methylene Chloride
Concen: 21.522 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 84 Resp: 39900
Ion Ratio Lower Upper
84 100
49 145.3 114.6 171.8
51 42.7 35.5 53.3
86 65.4 53.4 80.2





#19

trans-1,2-Dichloroethene

Concen: 21.583 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

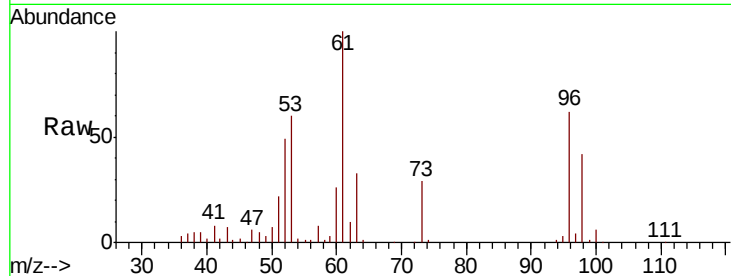
Tot Ion: 96 Resp: 35301

Ion Ratio Lower Upper

96 100

61 161.9 122.7 184.1

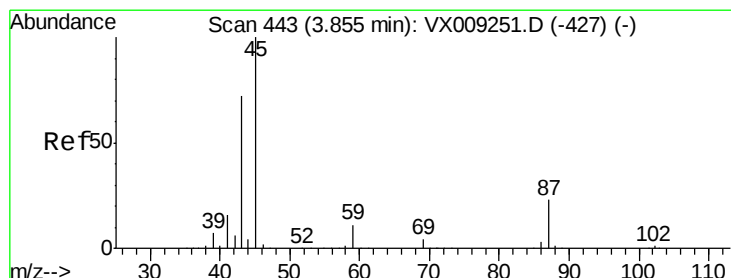
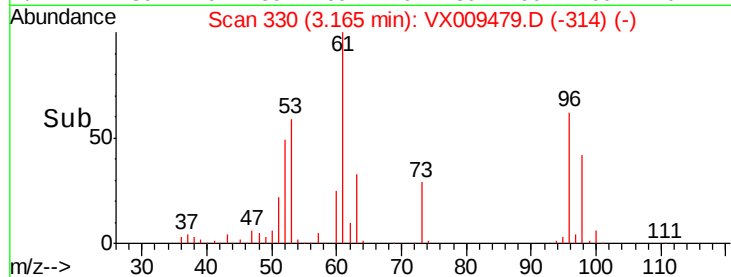
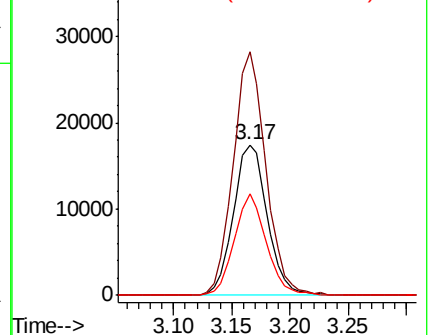
98 67.2 49.5 74.3



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: 21.305 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Tgt Ion: 45 Resp: 154517

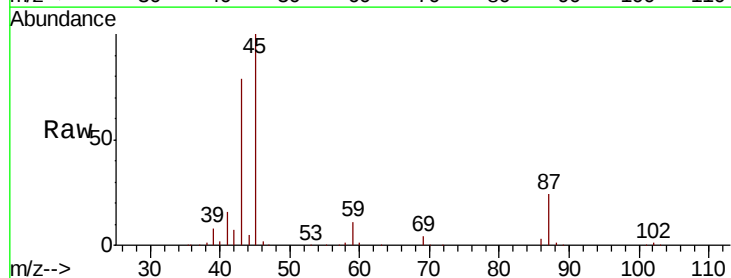
Ion Ratio Lower Upper

45 100

43 78.0 57.7 86.5

87 23.9 18.5 27.7

59 10.7 8.8 13.2

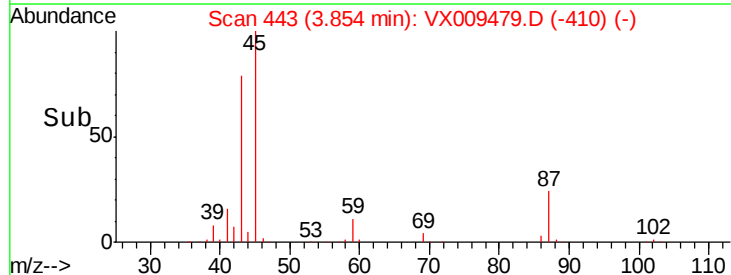
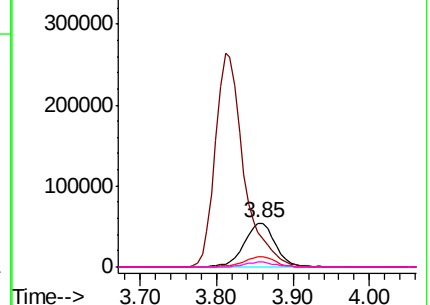


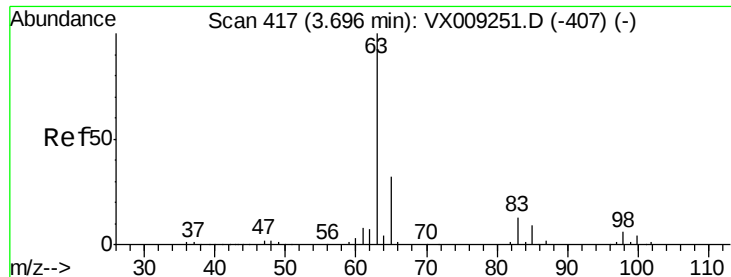
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 21.177 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

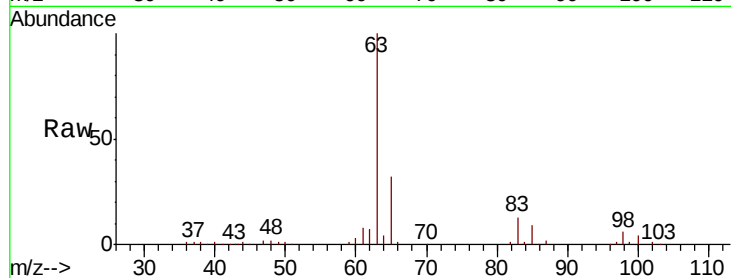
Tot Ion: 63 Resp: 74326

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

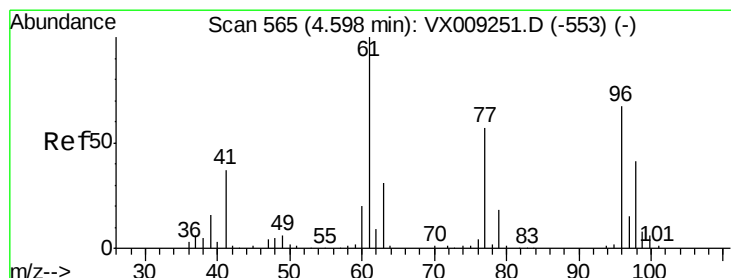
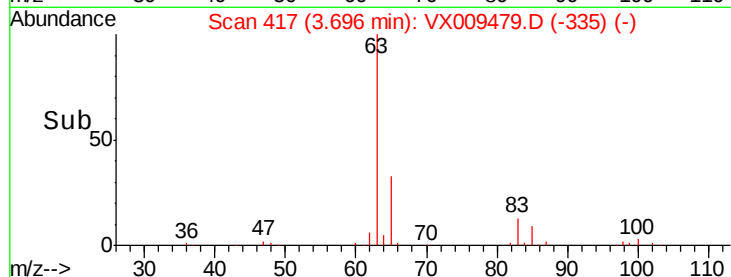
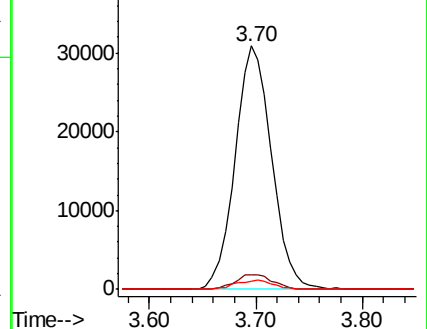
100 3.6 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 21.368 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

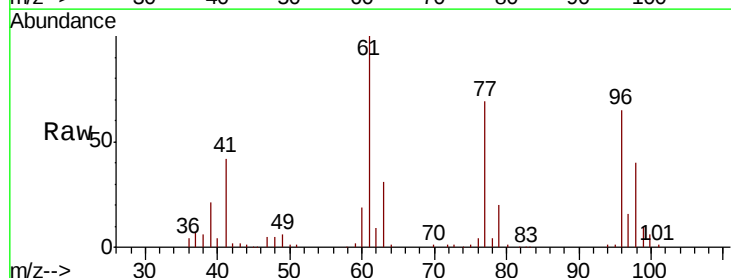
Tgt Ion: 96 Resp: 42099

Ion Ratio Lower Upper

96 100

61 159.7 127.7 191.5

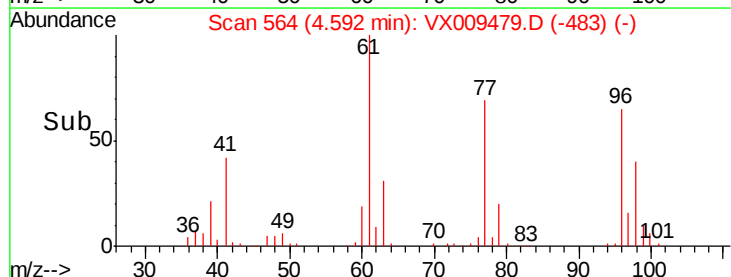
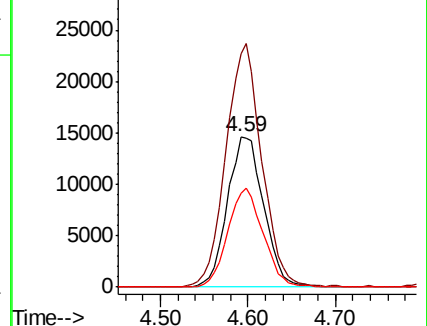
98 64.2 50.5 75.7

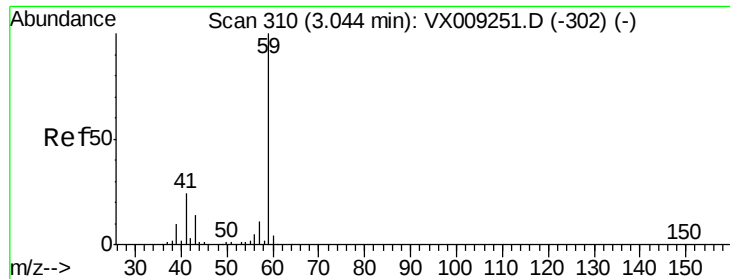


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



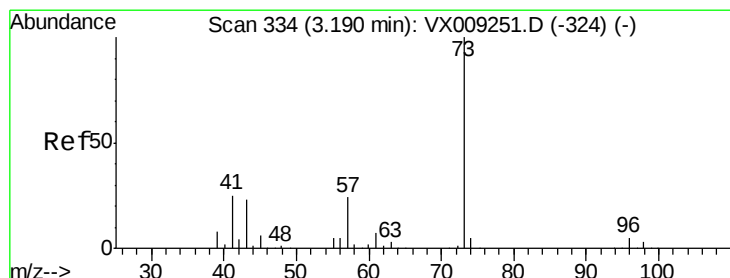
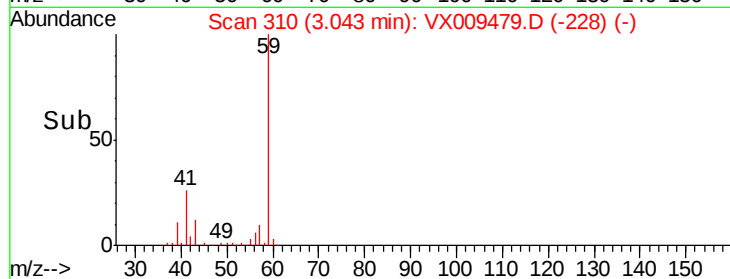
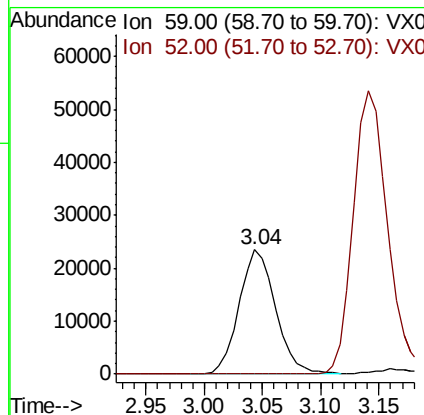
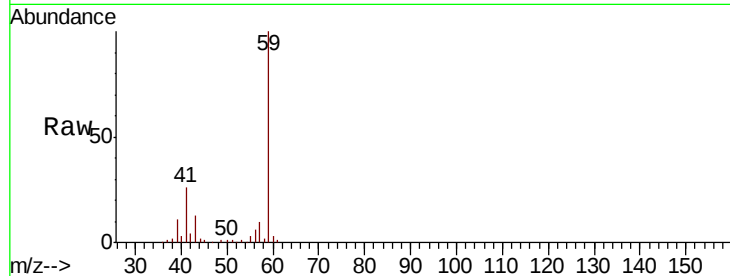


#23

tert-Butyl Alcohol
Concen: 97.723 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

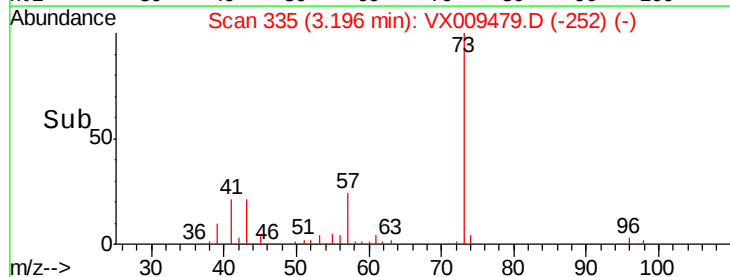
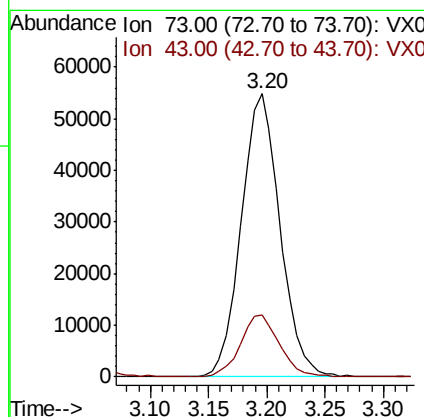
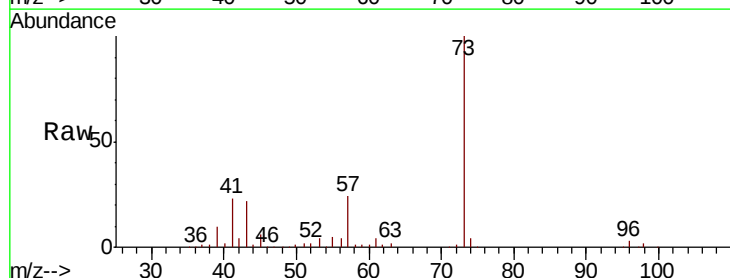
Tot Ion: 59 Resp: 51815
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2#

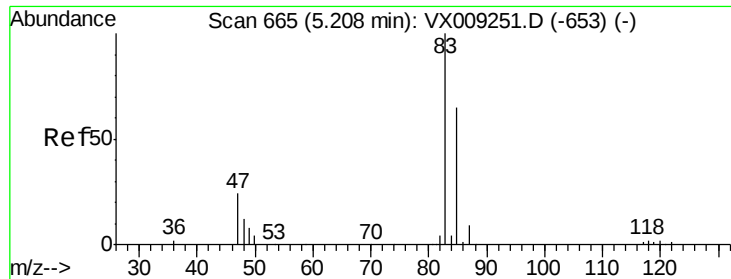


#24

Methyl tert-Butyl Ether
Concen: 21.195 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 73 Resp: 127242
Ion Ratio Lower Upper
73 100
43 21.8 17.6 26.4

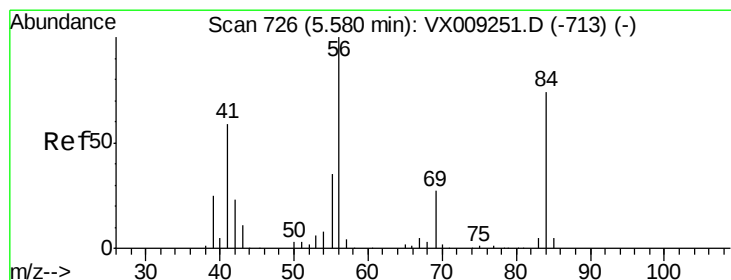
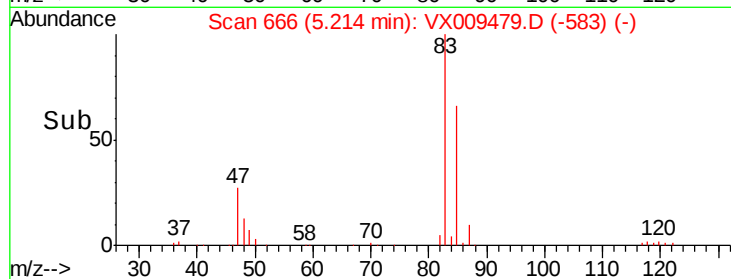
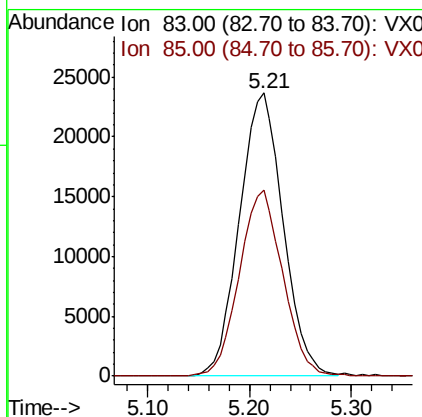
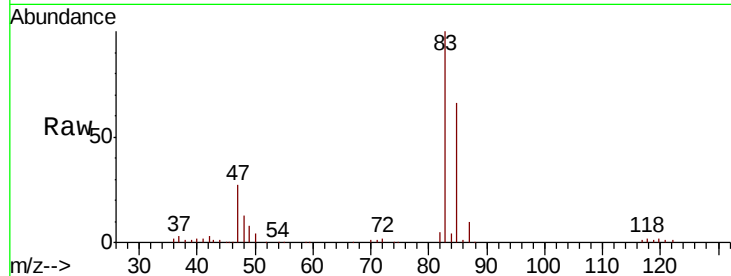




#25
Chloroform
Concen: 22.021 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

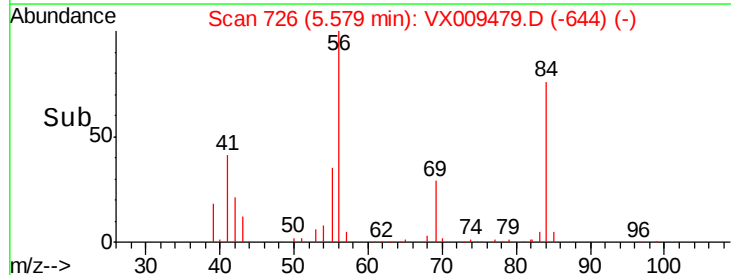
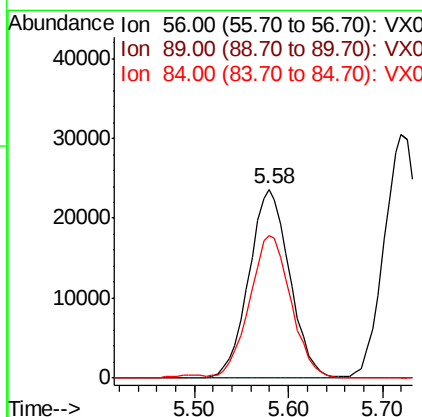
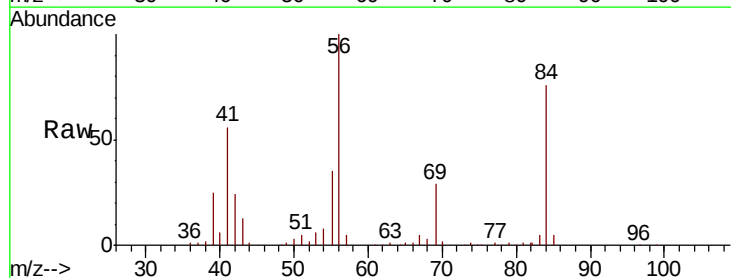
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

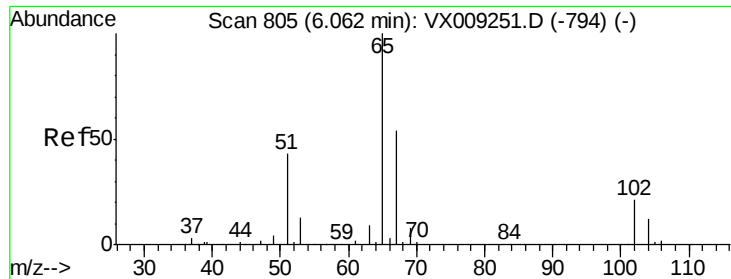
Tot Ion: 83 Resp: 70530
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9



#26
Cyclohexane
Concen: 21.847 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 56 Resp: 71463
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.9 59.7 89.5

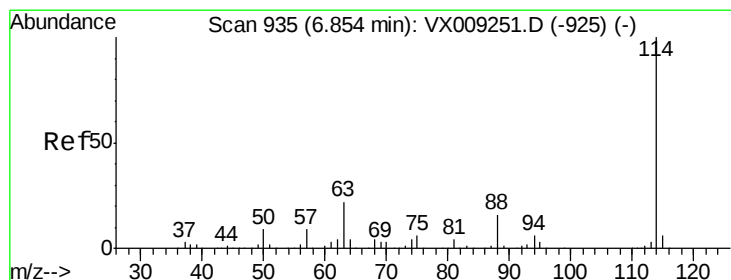
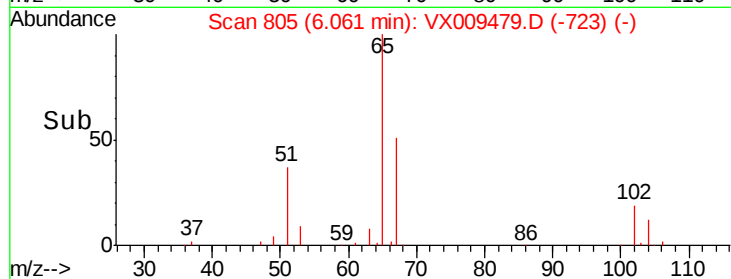
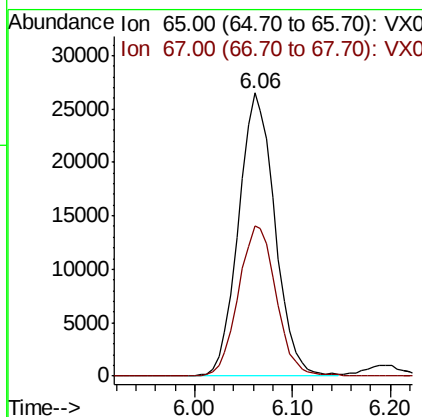
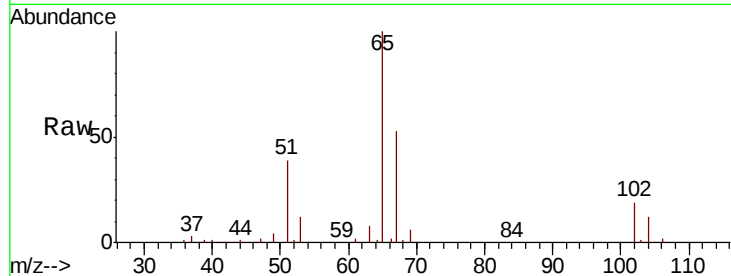




#27
 1,2-Dichloroethane-d4
 Concen: 29.438 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

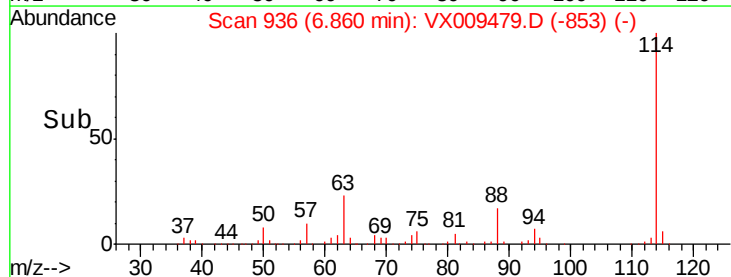
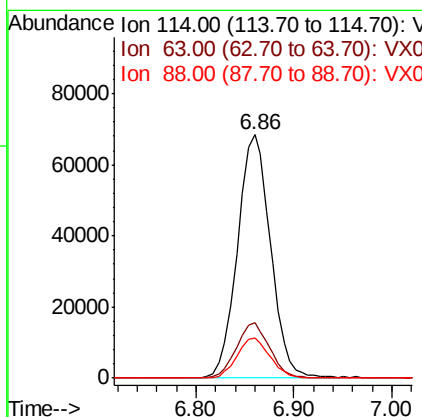
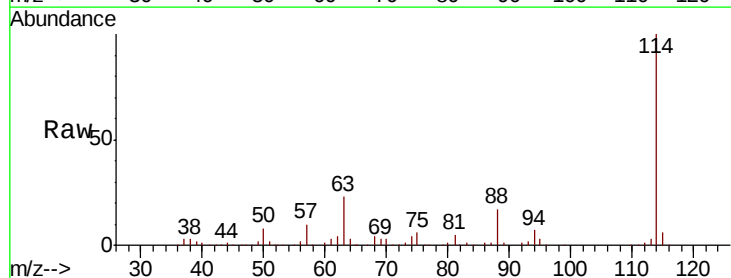
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

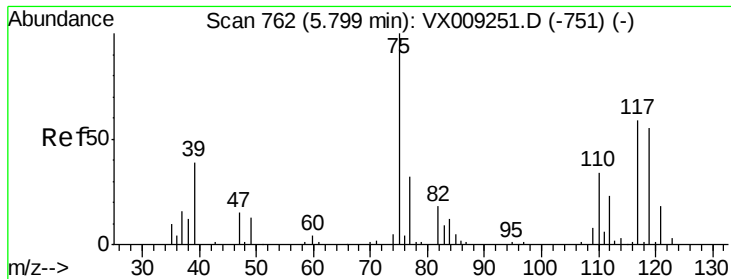
Tot Ion: 65 Resp: 68489
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 114 Resp: 160673
 Ion Ratio Lower Upper
 114 100
 63 22.9 18.0 27.0
 88 16.4 13.4 20.0

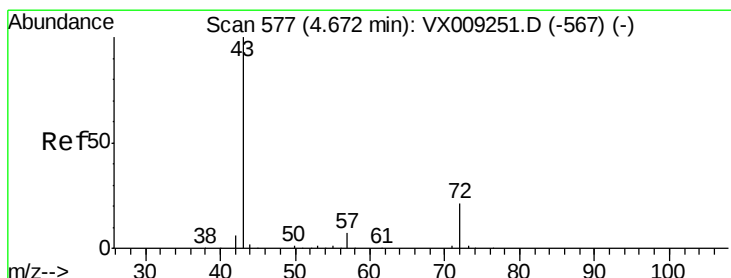
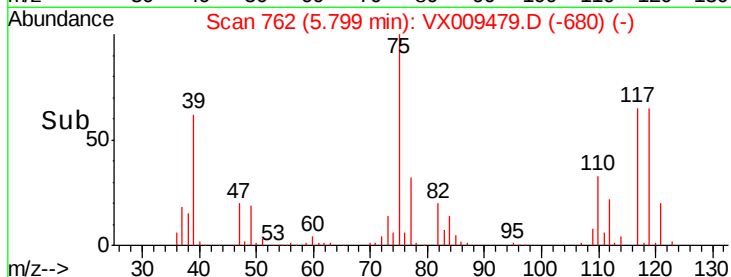
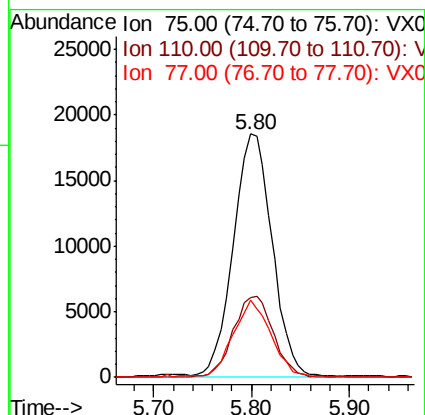
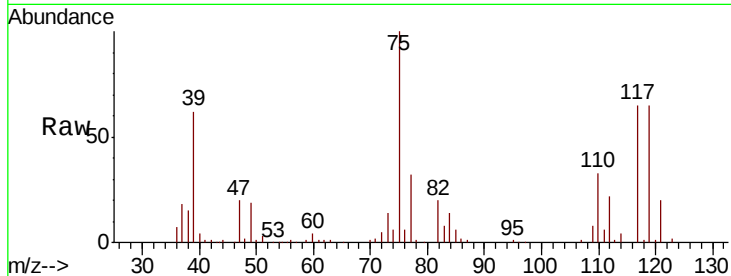




#29
 1,1-Dichloropropene
 Concen: 21.813 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

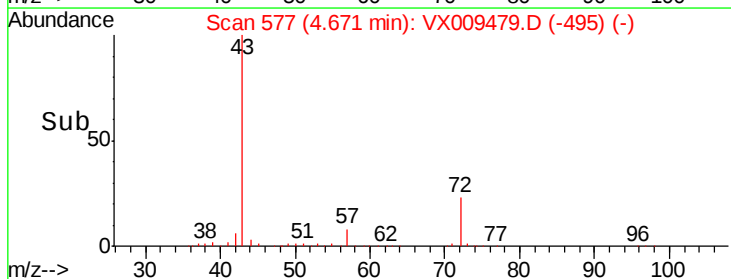
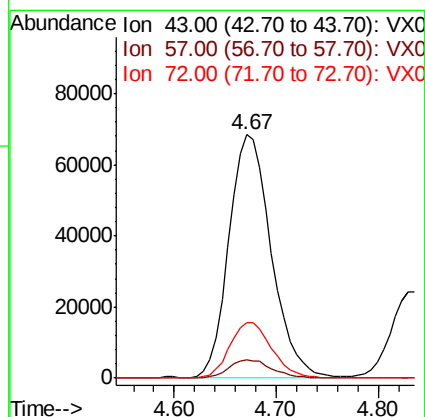
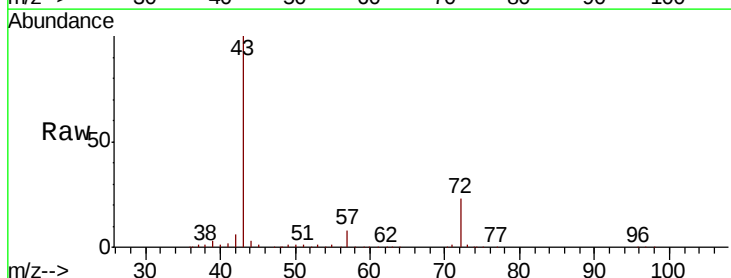
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

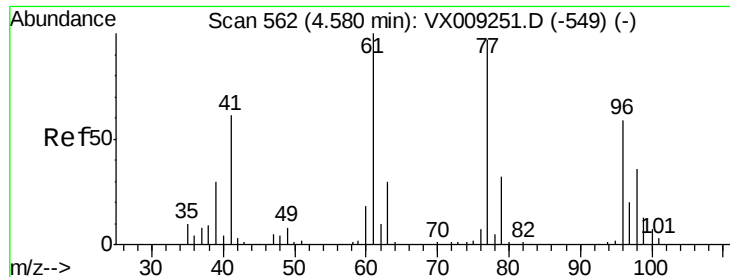
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	66.4
77	30.7	0.0	62.2



#30
 2-Butanone
 Concen: 106.049 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.0	9.0
72	22.9	18.2	27.4

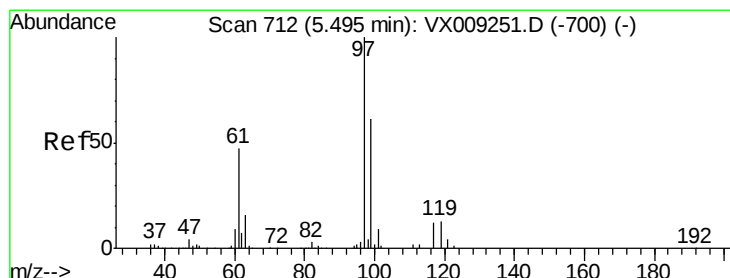
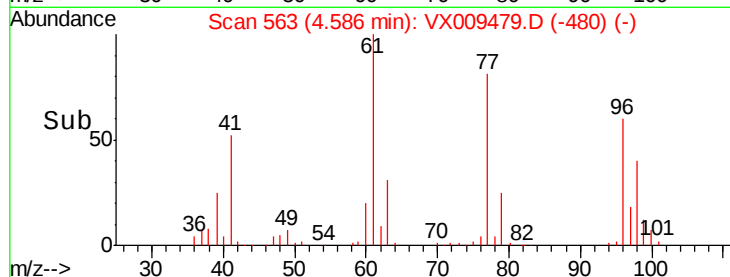
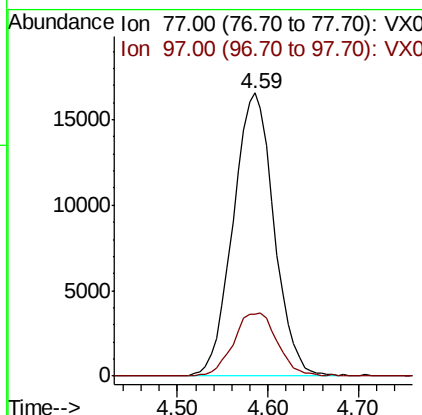
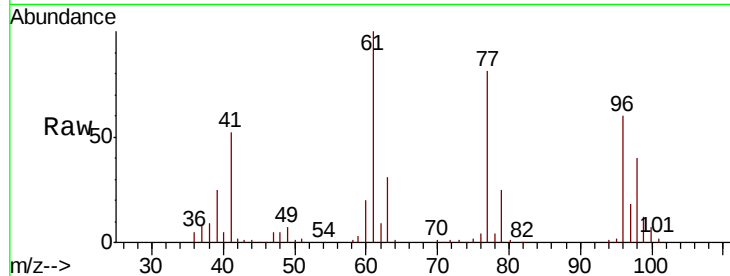




#31
 2,2-Dichloropropane
 Concen: 19.913 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

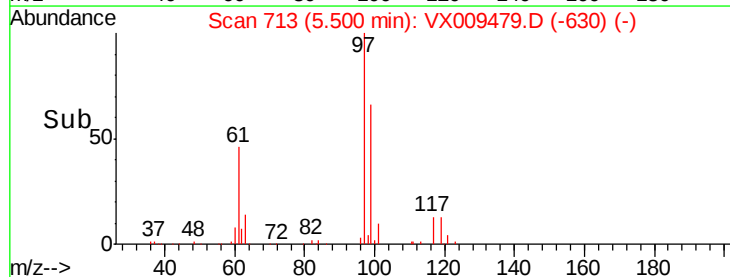
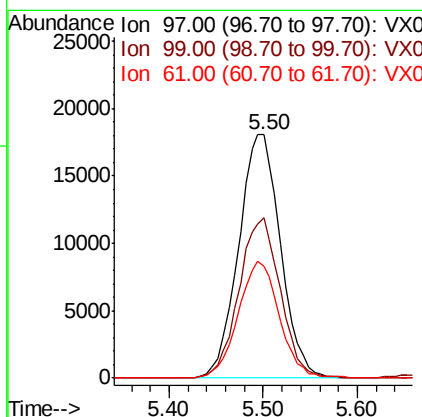
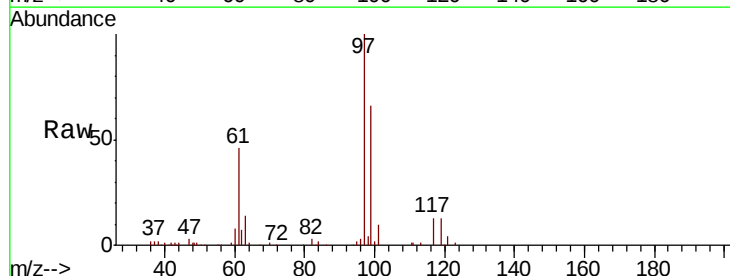
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

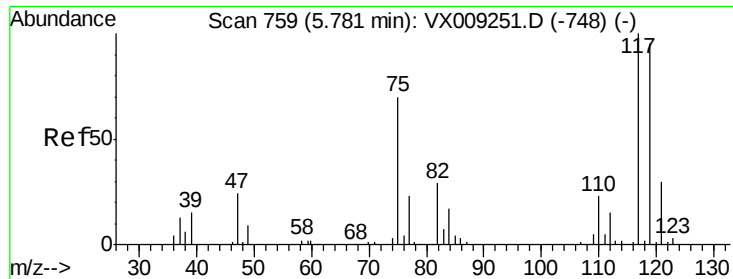
Tot Ion: 77 Resp: 51756
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 21.974 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 97 Resp: 56162
 Ion Ratio Lower Upper
 97 100
 99 64.7 53.9 80.9
 61 47.3 38.6 58.0

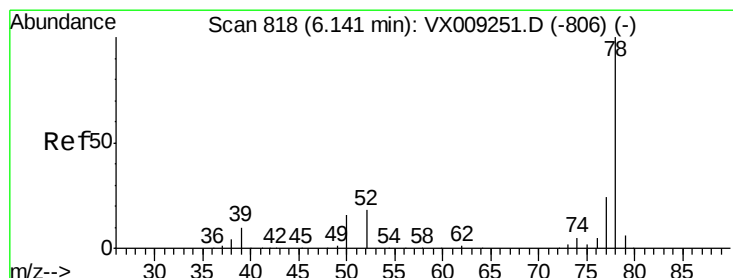
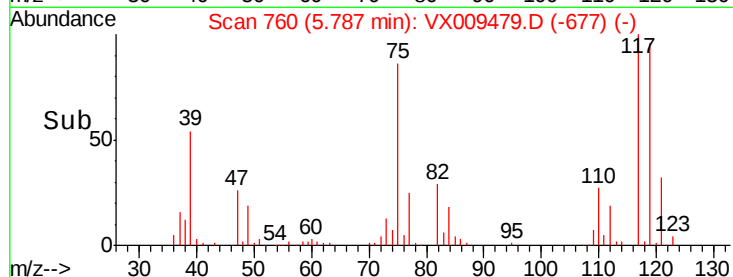
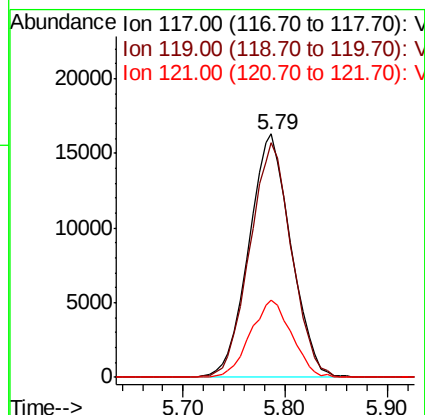
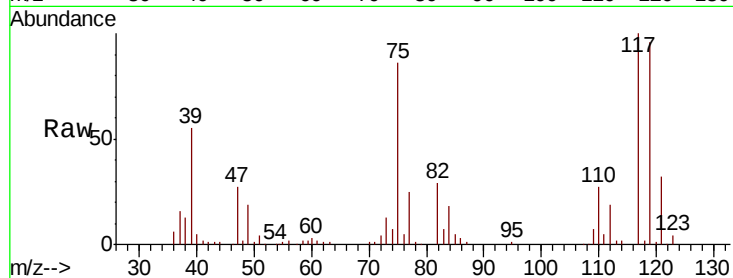




#33
Carbon Tetrachloride
Concen: 21.898 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

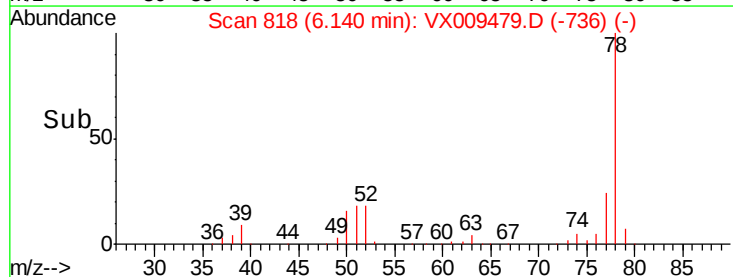
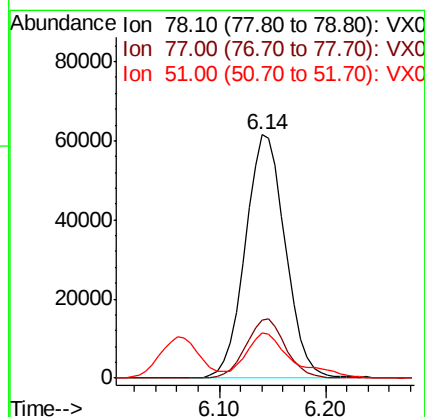
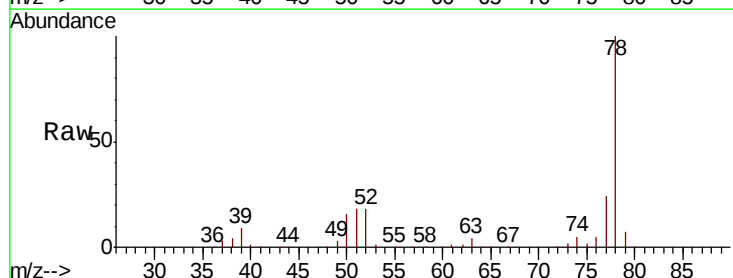
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

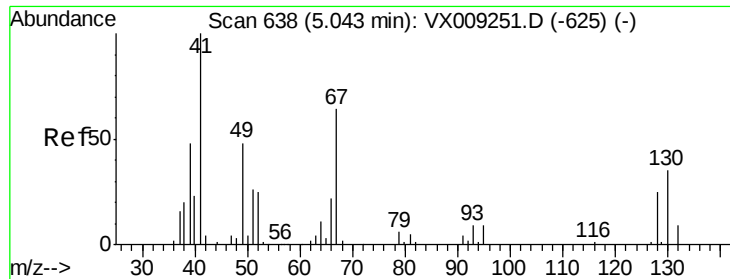
Tot Ion:117 Resp: 46827
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 31.9 24.4 36.6



#34
Benzene
Concen: 22.332 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 78 Resp: 162317
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2
51 16.7 13.5 20.3

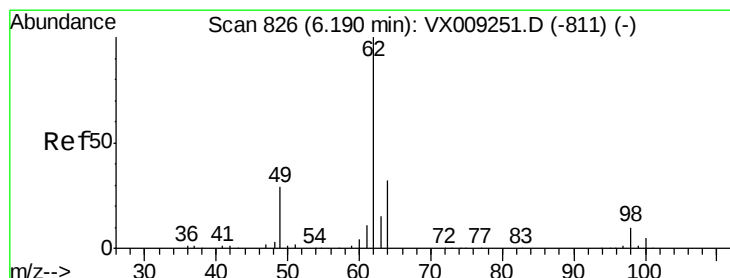
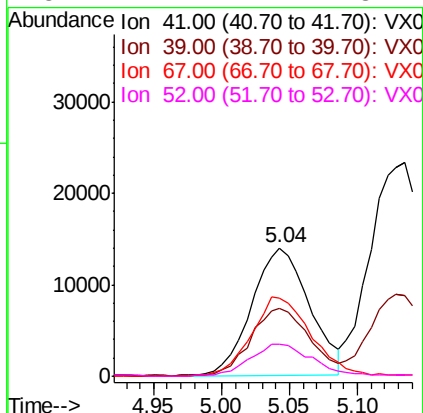
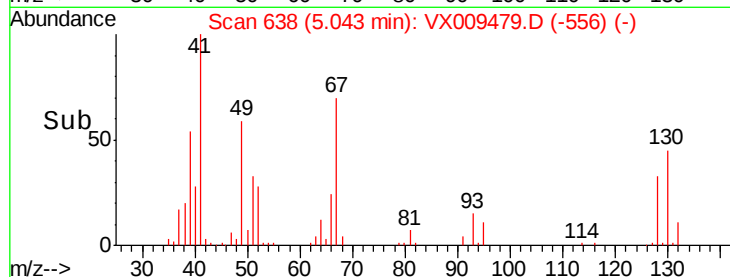
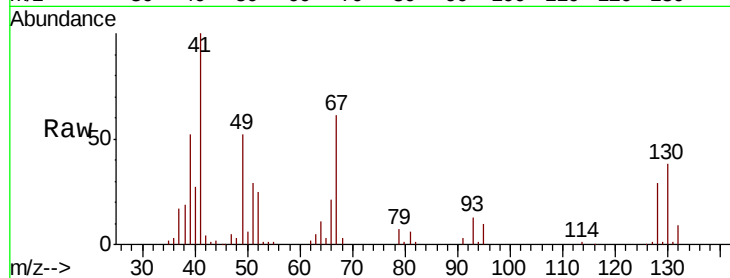




#35
Methacrylonitrile
Concen: 21.433 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

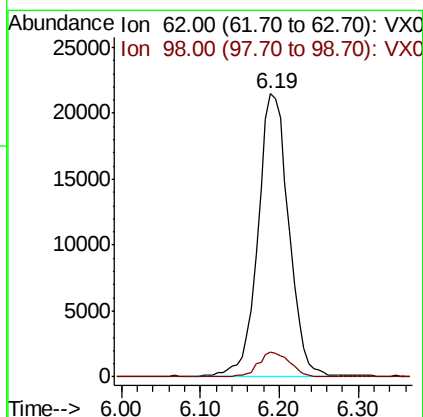
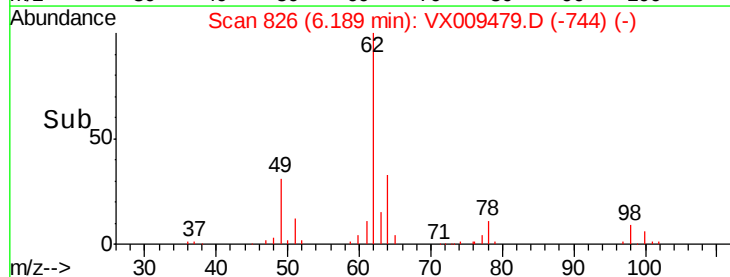
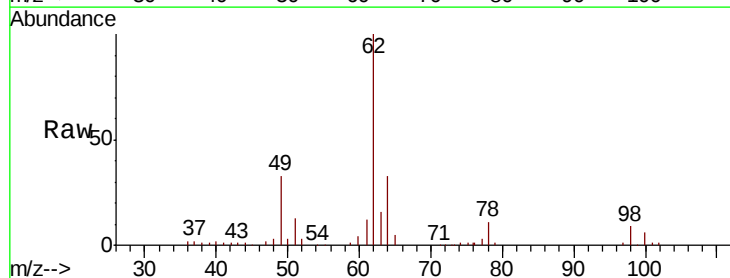
Instrument :
MSVOA_X
ClientSampled :
VX0510WBSD01

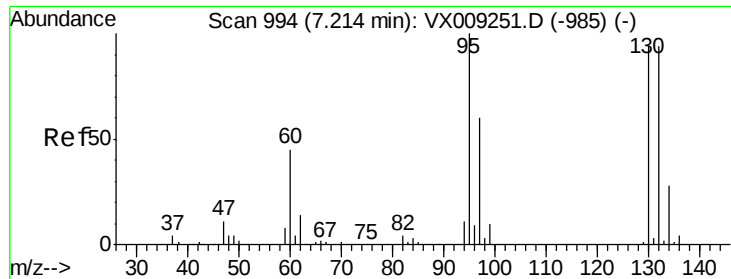
Tot Ion:	41	Resp:	41403
Ion	Ratio	Lower	Upper
41	100		
39	51.7	24.1	72.3
67	60.6	32.2	96.6
52	24.2	12.4	37.4



#36
1,2-Dichloroethane
Concen: 22.240 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion:	62	Resp:	58656
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.4	11.2

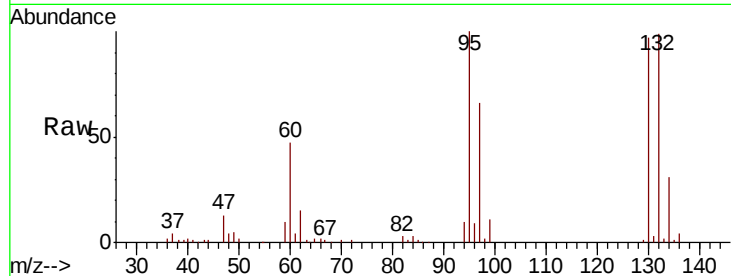




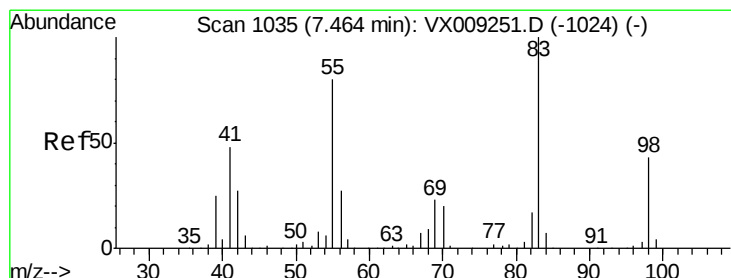
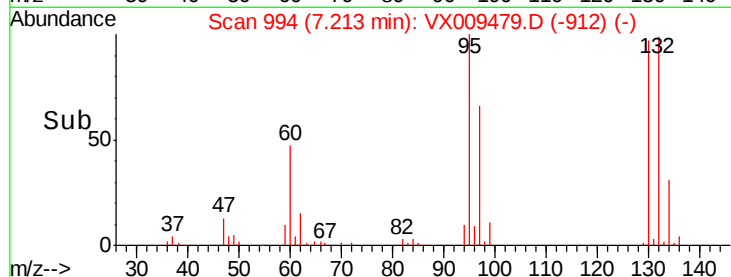
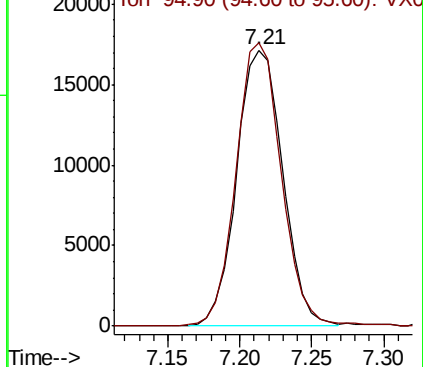
#37
 Trichloroethene
 Concen: 21.712 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion:130 Resp: 37990
 Ion Ratio Lower Upper
 130 100
 95 102.1 85.0 127.4

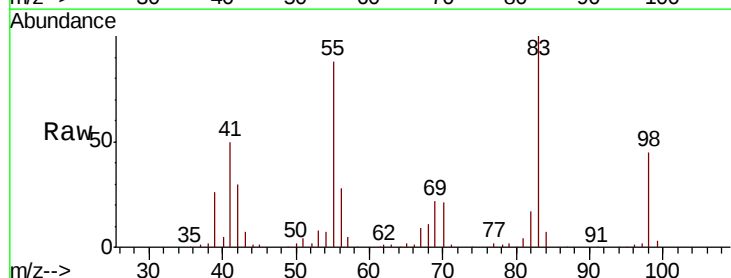


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

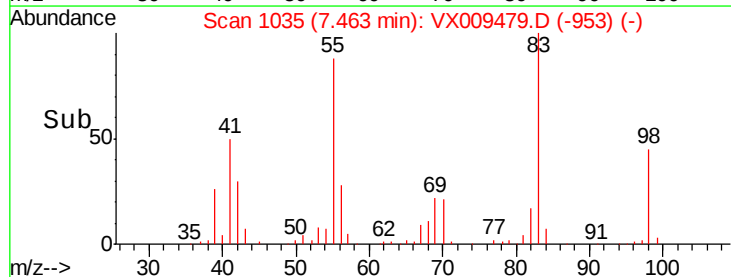
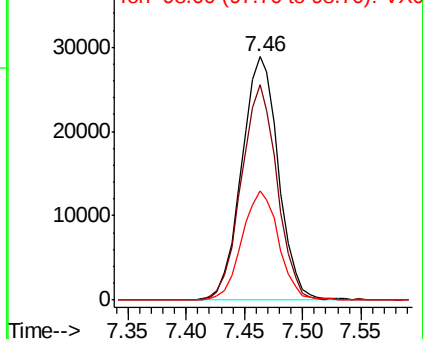


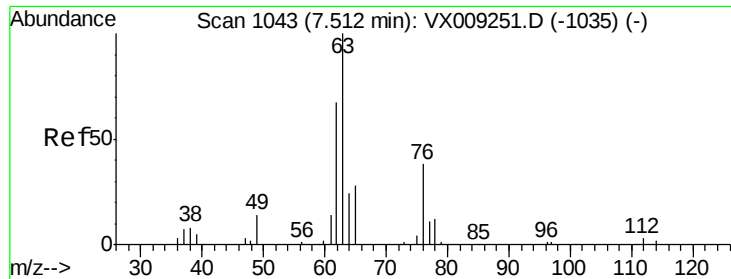
#38
 Methylcyclohexane
 Concen: 21.725 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 83 Resp: 63281
 Ion Ratio Lower Upper
 83 100
 55 86.2 43.0 129.2
 98 44.5 22.1 66.1



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

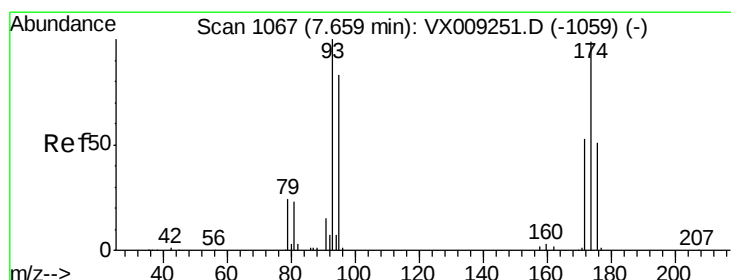
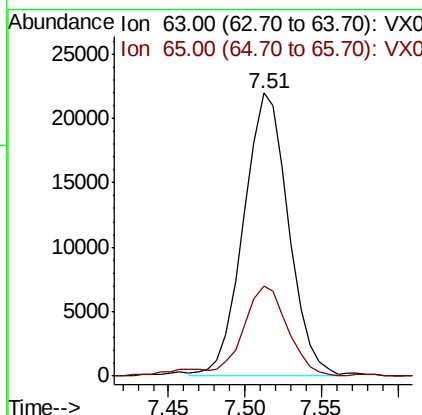
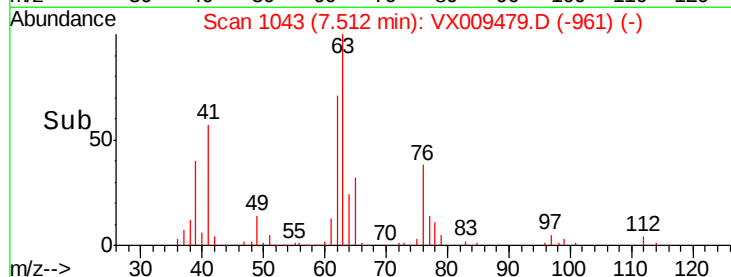
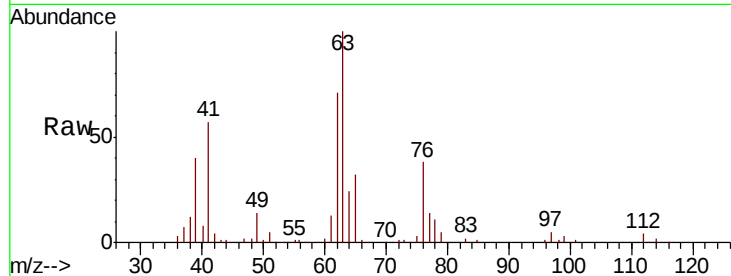




#39
 1,2-Dichloropropane
 Concen: 21.707 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

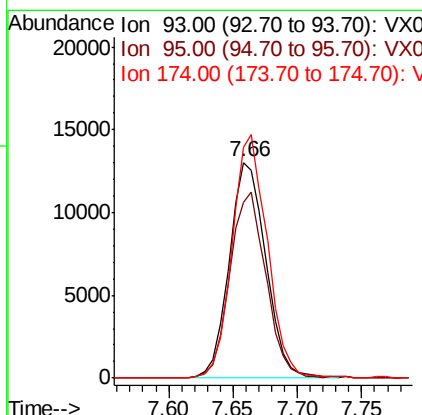
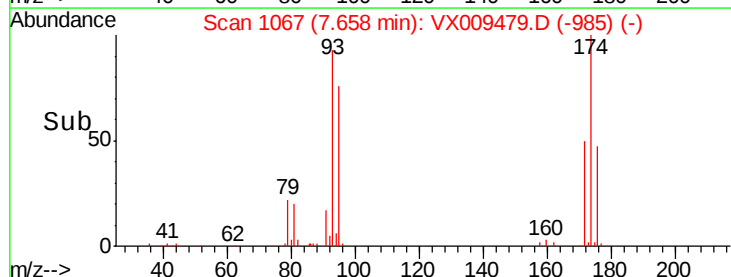
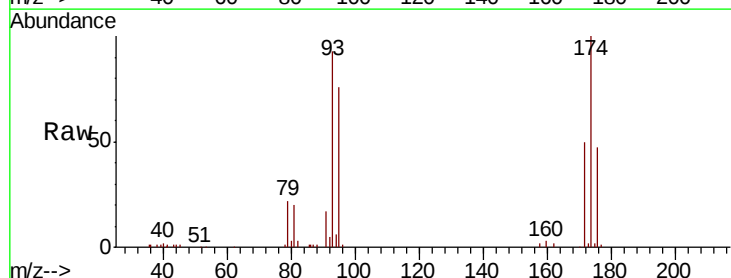
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

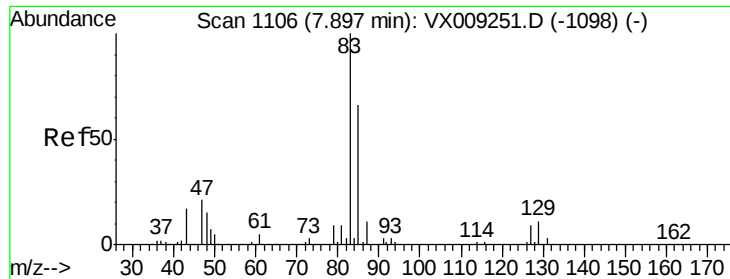
Tot Ion: 63 Resp: 44929
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.0 36.0



#40
 Dibromomethane
 Concen: 21.969 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 93 Resp: 25809
 Ion Ratio Lower Upper
 93 100
 95 85.0 0.0 167.2
 174 107.8 0.0 203.4





#41

Bromodichloromethane

Concen: 21.549 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

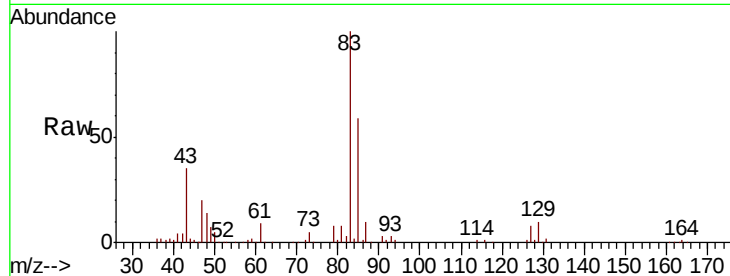
Tot Ion: 83 Resp: 51710

Ion Ratio Lower Upper

83 100

85 59.1 52.6 79.0

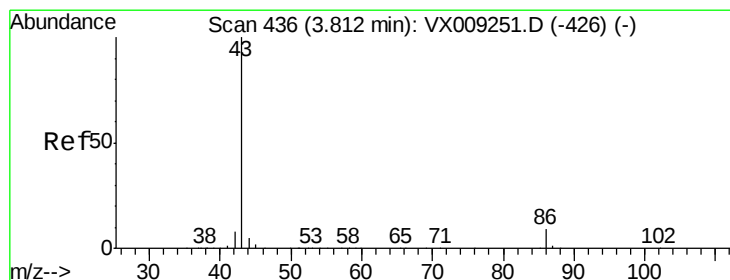
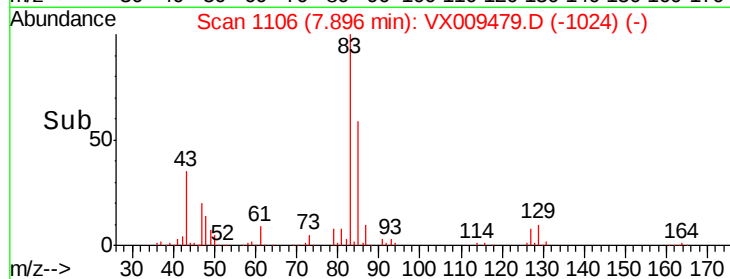
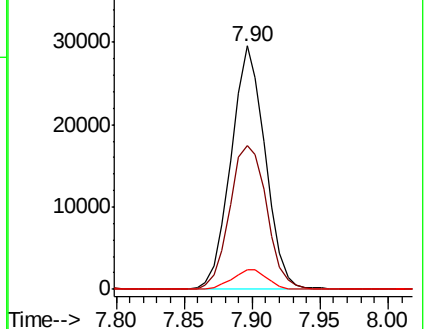
127 8.0 6.9 10.3



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: 111.794 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009479.D

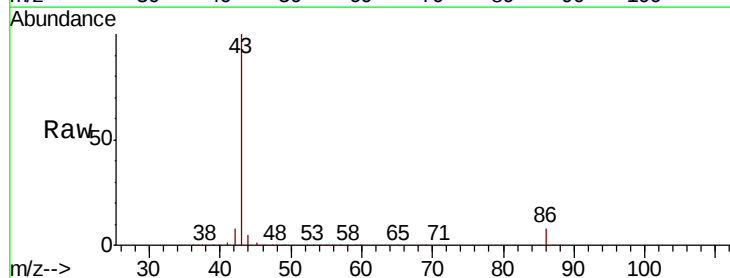
Acq: 10 May 2019 13:37

Tgt Ion: 43 Resp: 681250

Ion Ratio Lower Upper

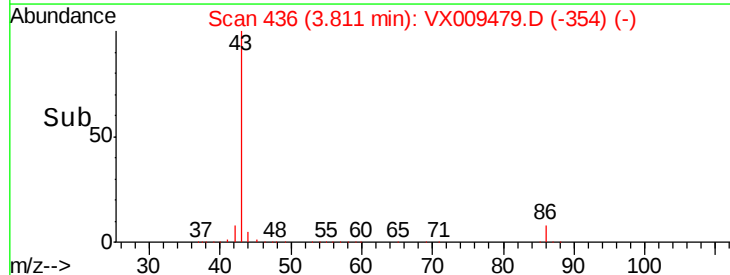
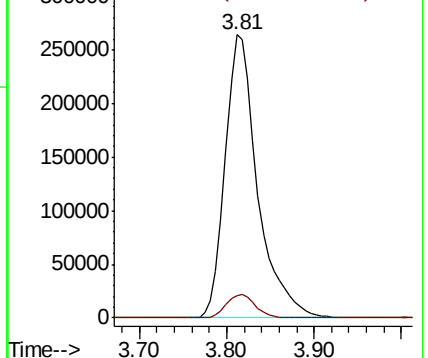
43 100

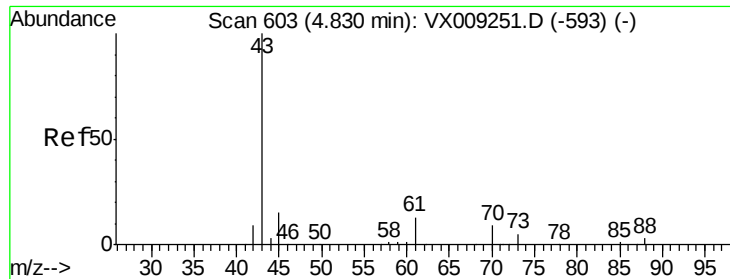
86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 22.398 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

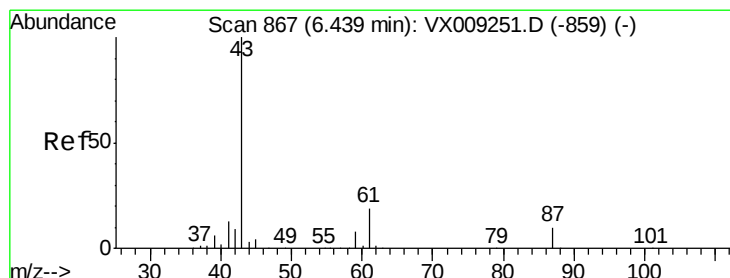
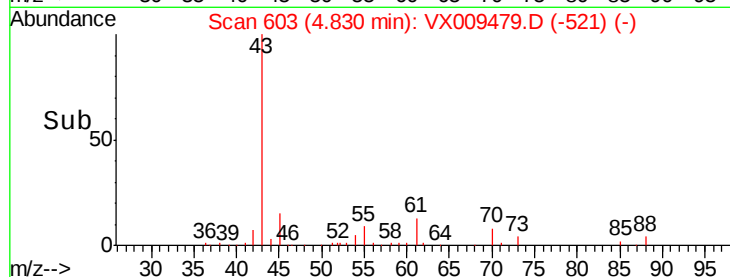
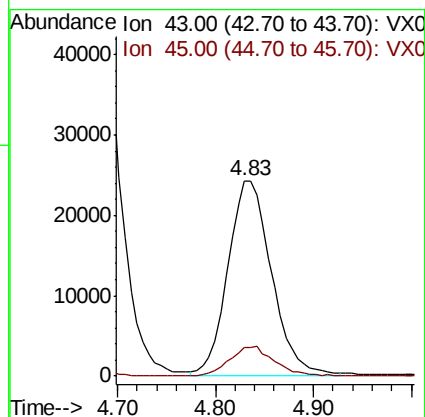
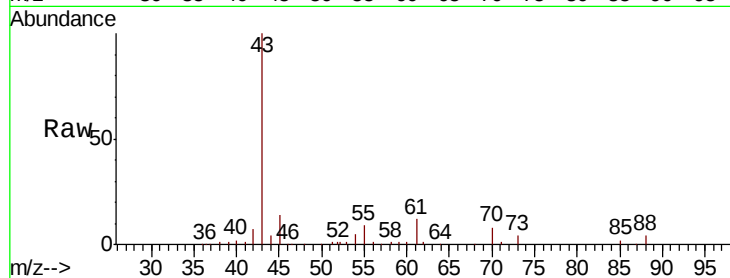
VX0510WBSD01

Tot Ion: 43 Resp: 74727

Ion Ratio Lower Upper

43 100

45 15.6 11.8 17.8



#44

Isopropyl Acetate

Concen: 21.544 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX009479.D

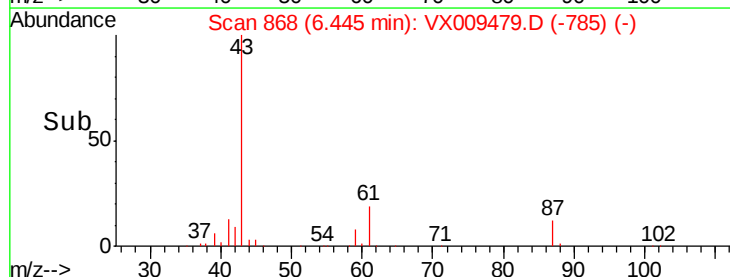
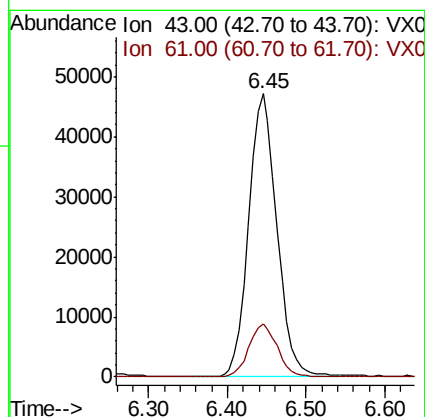
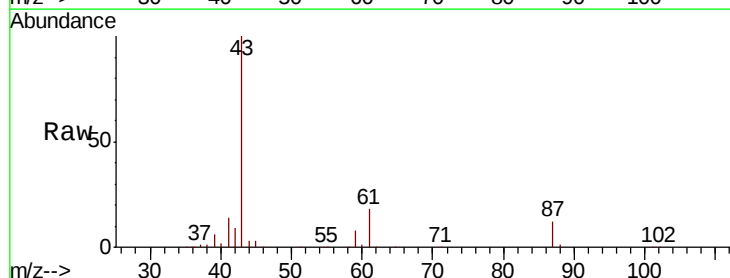
Acq: 10 May 2019 13:37

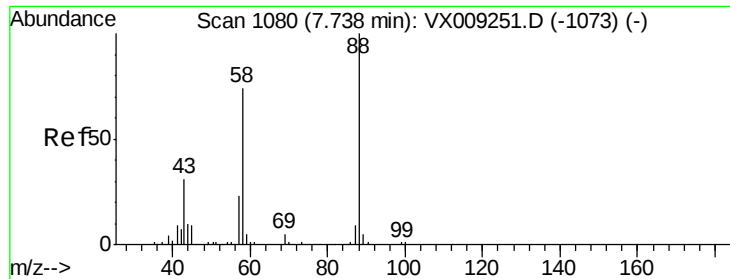
Tgt Ion: 43 Resp: 116439

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

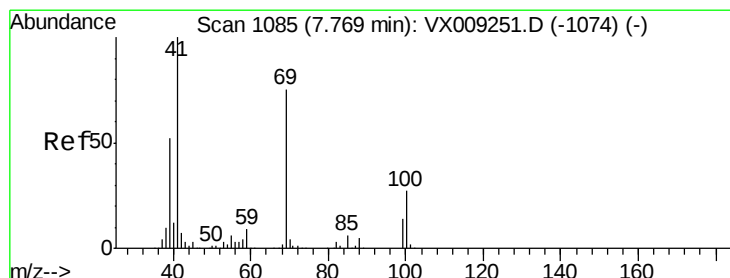
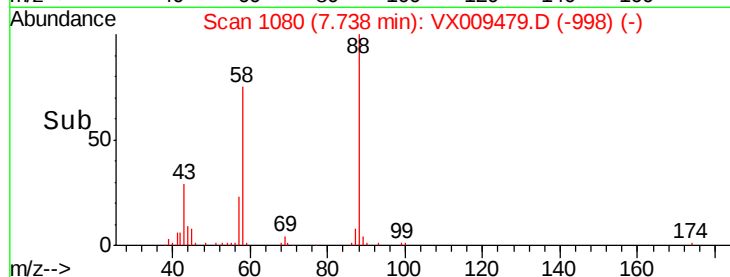
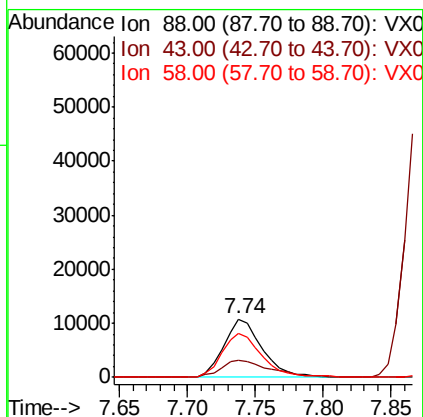
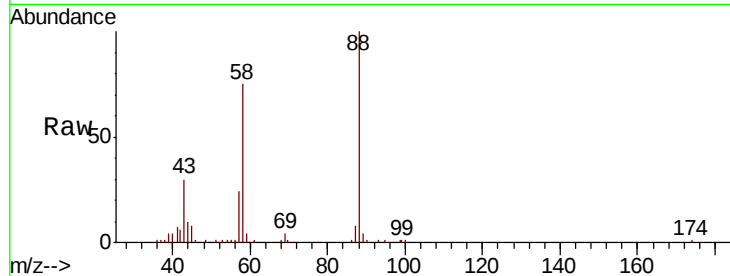




#45
 1,4-Dioxane
 Concen: 397.161 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

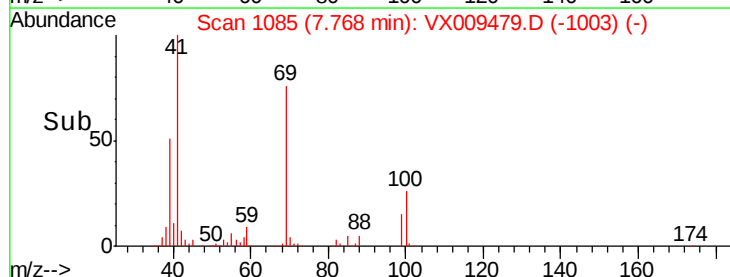
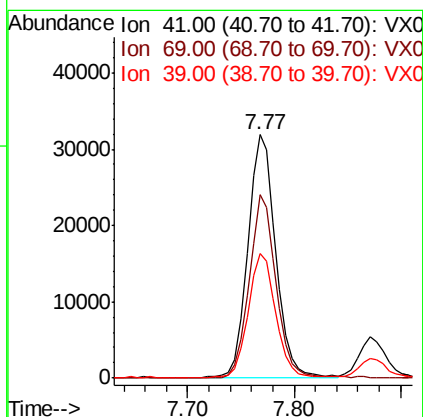
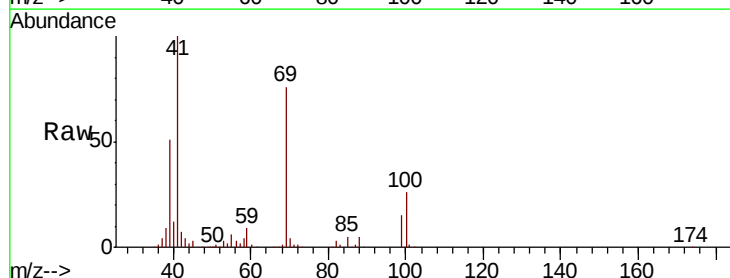
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

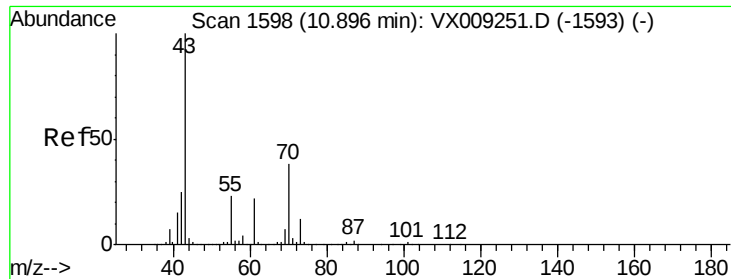
Tot Ion: 88 Resp: 21075
 Ion Ratio Lower Upper
 88 100
 43 34.5 28.5 42.7
 58 78.8 62.5 93.7



#46
 Methyl methacrylate
 Concen: 21.501 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 41 Resp: 58002
 Ion Ratio Lower Upper
 41 100
 69 75.9 37.6 112.8
 39 51.0 25.8 77.3





#47

n-amvl Acetate

Concen: 21.256 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

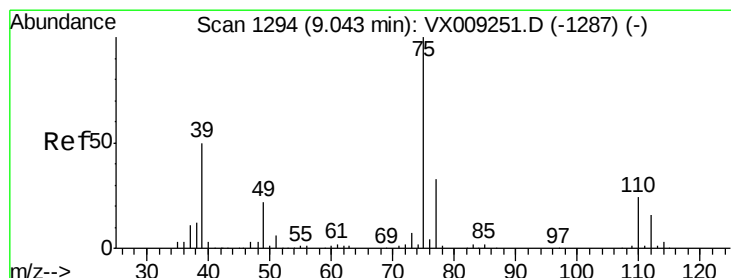
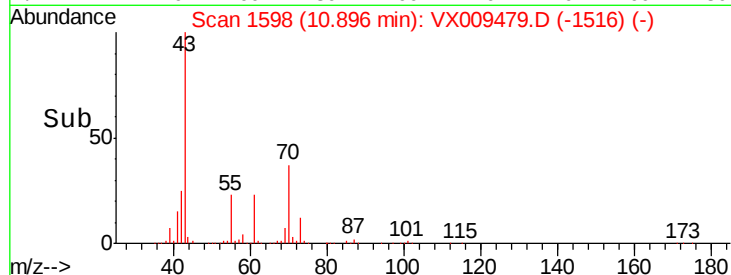
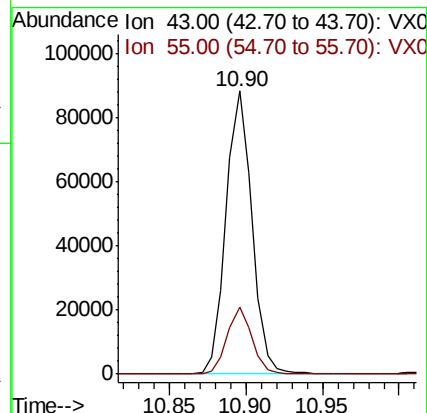
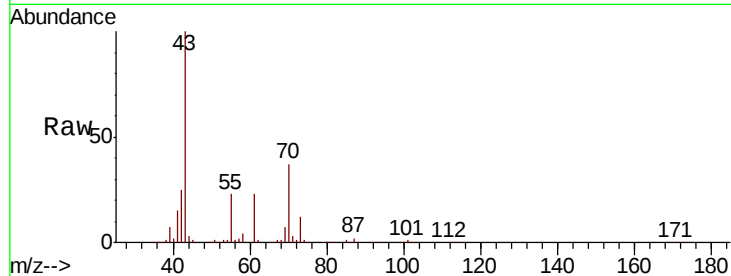
VX0510WBSD01

Tot Ion: 43 Resp: 103493

Ion Ratio Lower Upper

43 100

55 22.6 18.2 27.4



#48

t-1,3-Dichloropropene

Concen: 21.072 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009479.D

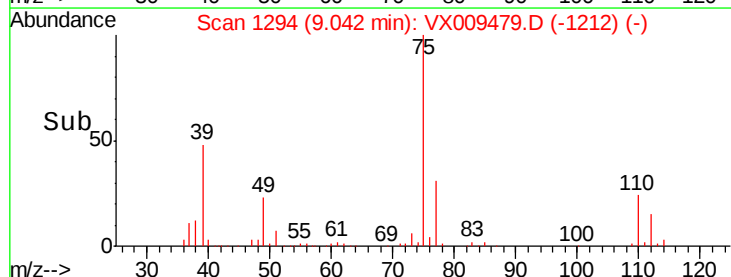
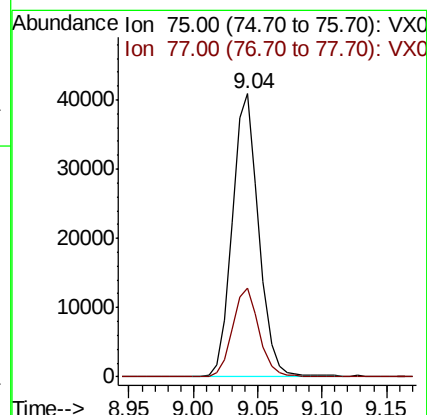
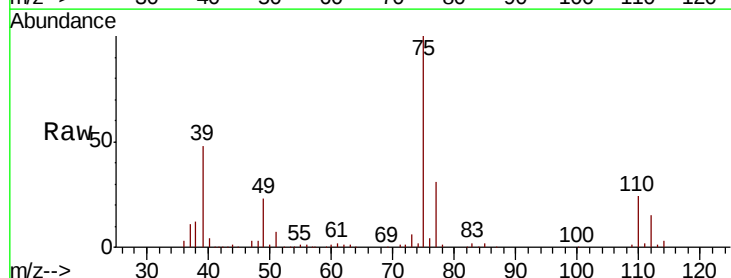
Acq: 10 May 2019 13:37

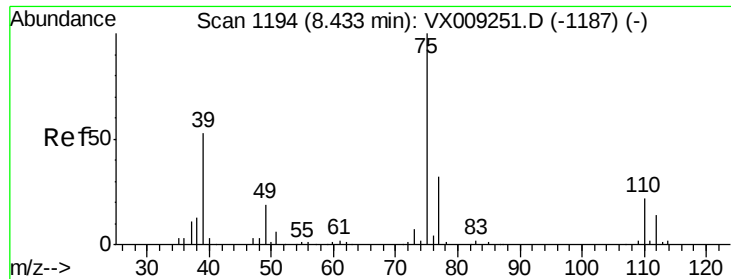
Tgt Ion: 75 Resp: 58998

Ion Ratio Lower Upper

75 100

77 31.3 26.5 39.7

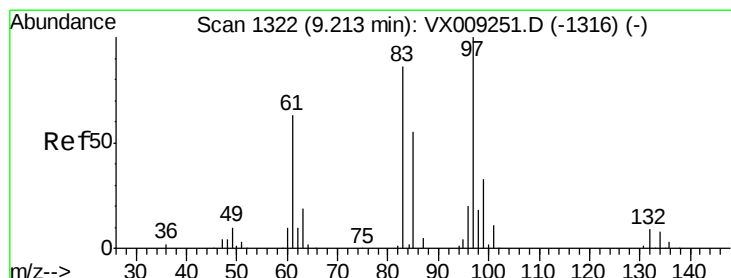
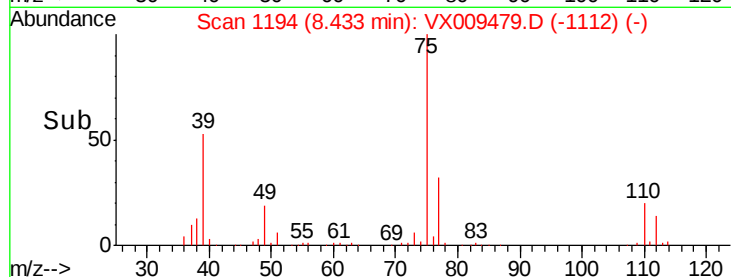
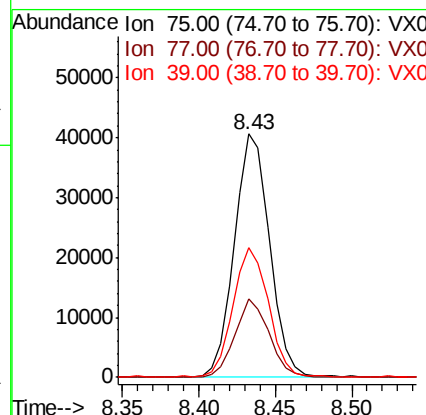
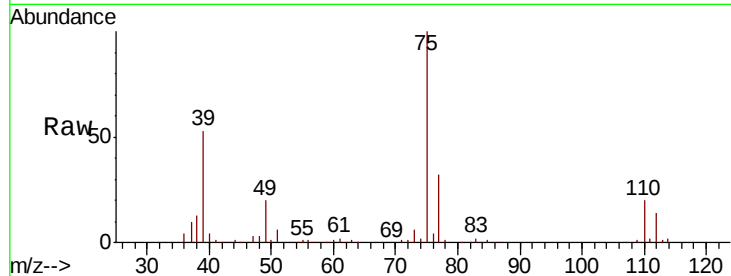




#49
 cis-1,3-Dichloropropene
 Concen: 21.180 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

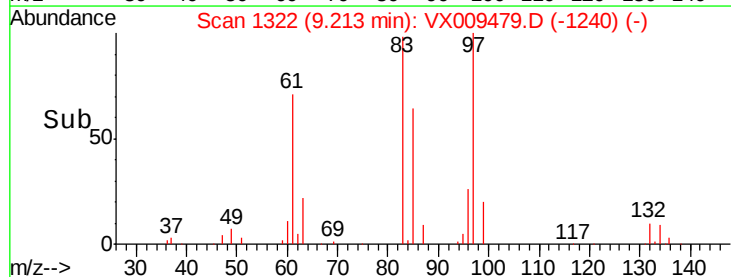
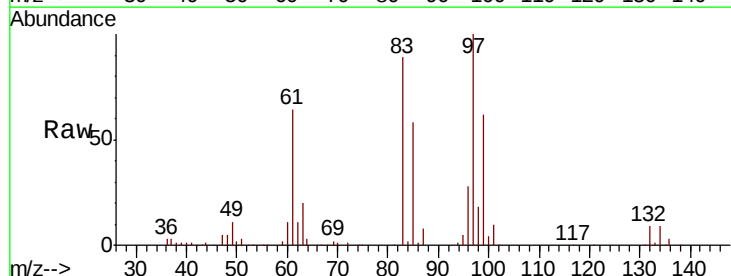
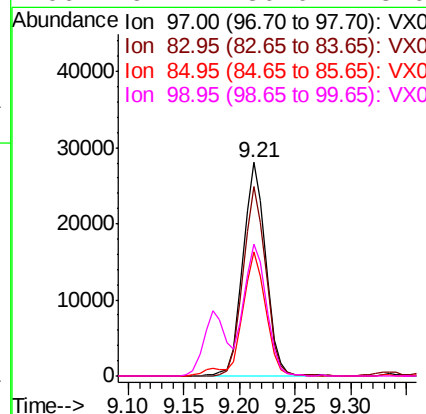
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

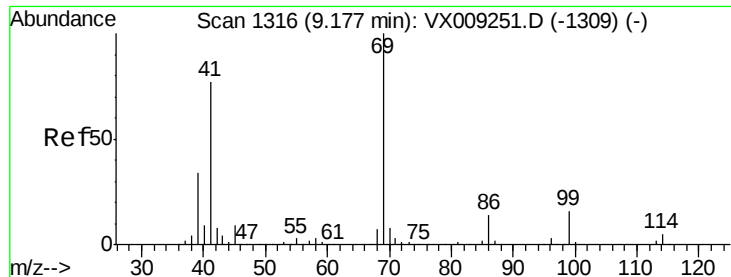
Tot Ion: 75 Resp: 65100
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0
 39 53.1 42.6 63.8



#50
 1,1,2-Trichloroethane
 Concen: 22.246 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 97 Resp: 40040
 Ion Ratio Lower Upper
 97 100
 83 89.0 68.8 103.2
 85 58.0 45.8 68.6
 99 61.7 50.0 75.0





#51

Ethyl methacrylate

Concen: 21.480 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

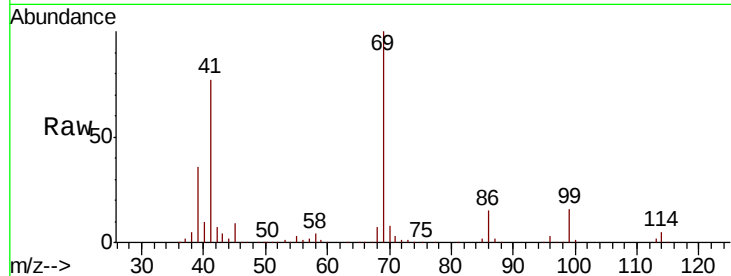
Tot Ion: 69 Resp: 71442

Ion Ratio Lower Upper

69 100

41 76.4 38.4 115.2

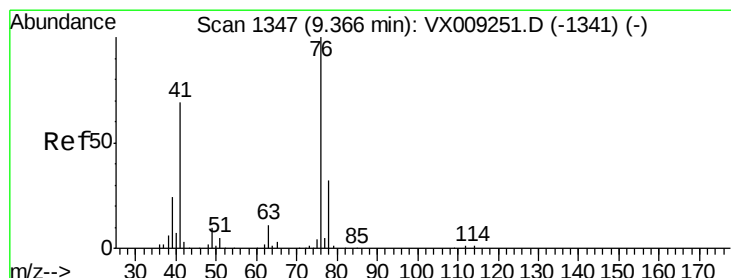
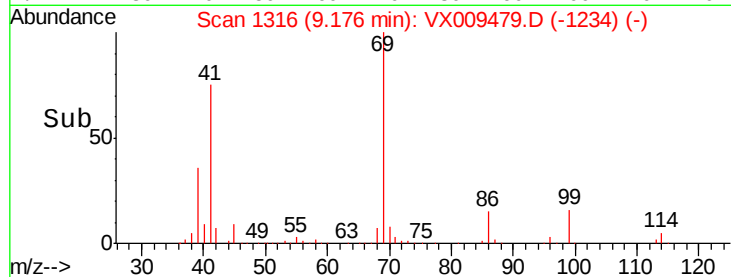
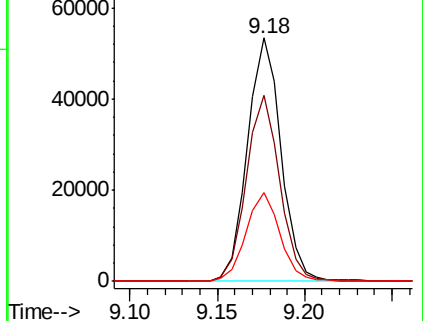
39 36.0 17.2 51.5



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: 21.959 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009479.D

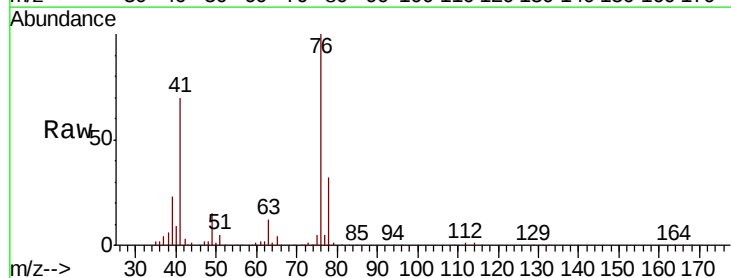
Acq: 10 May 2019 13:37

Tgt Ion: 76 Resp: 70143

Ion Ratio Lower Upper

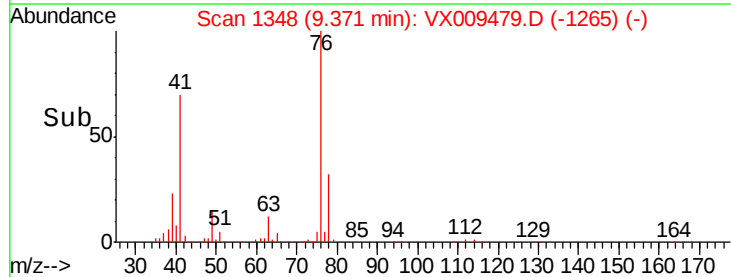
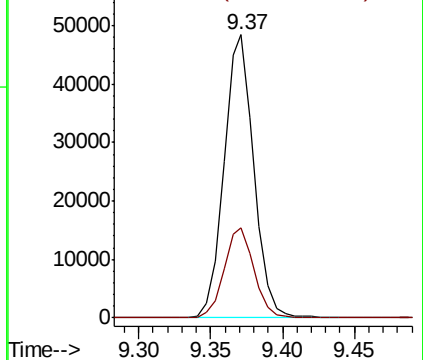
76 100

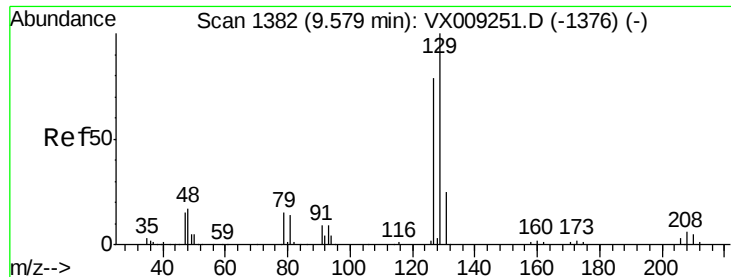
78 31.9 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

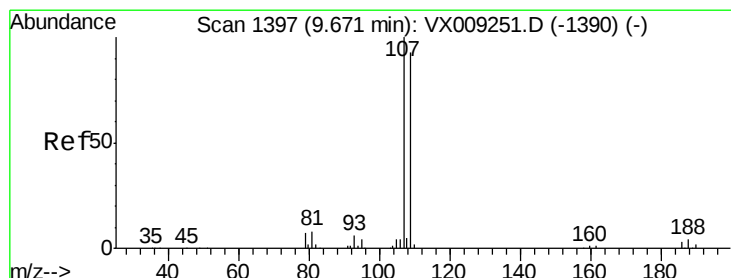
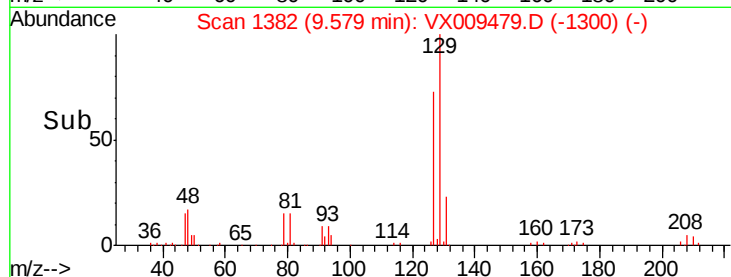
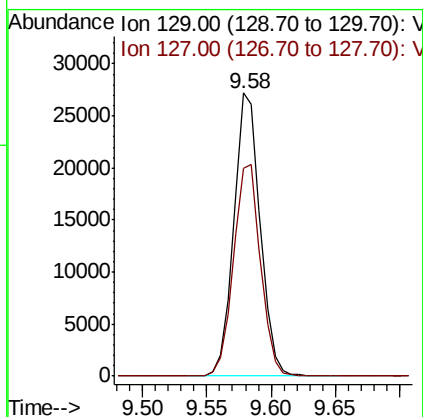
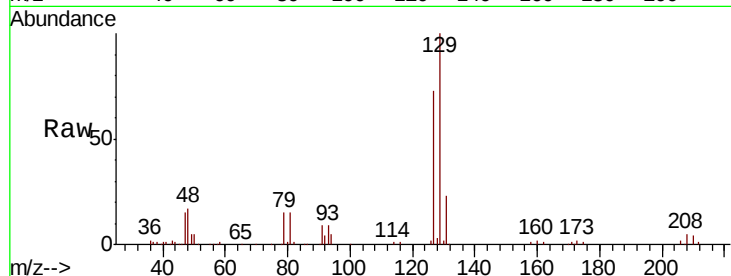




#53
 Dibromochloromethane
 Concen: 21.639 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

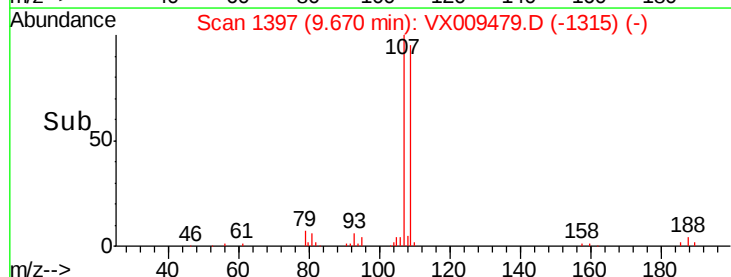
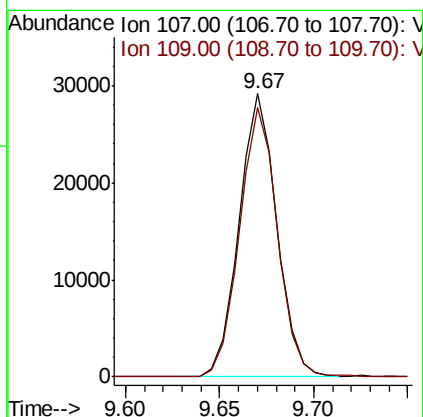
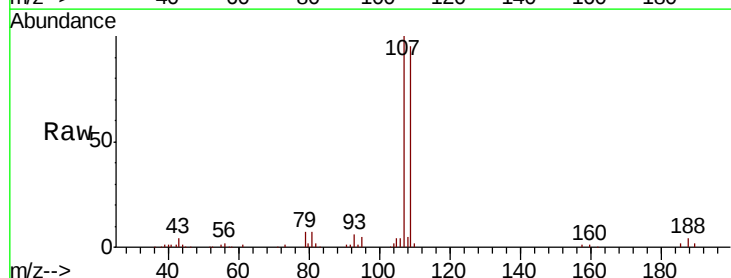
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

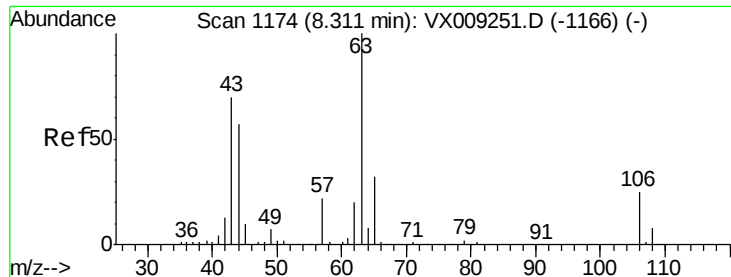
Tot Ion:129 Resp: 38788
 Ion Ratio Lower Upper
 129 100
 127 76.9 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 21.876 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion:107 Resp: 40381
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.5 113.3

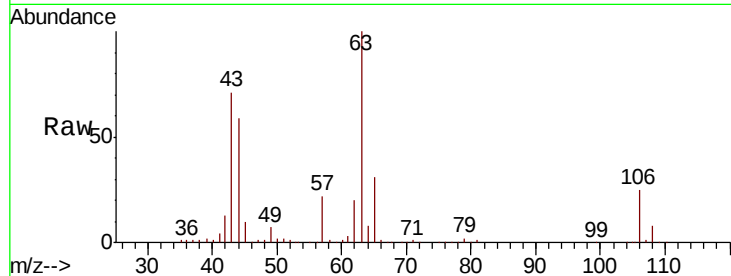




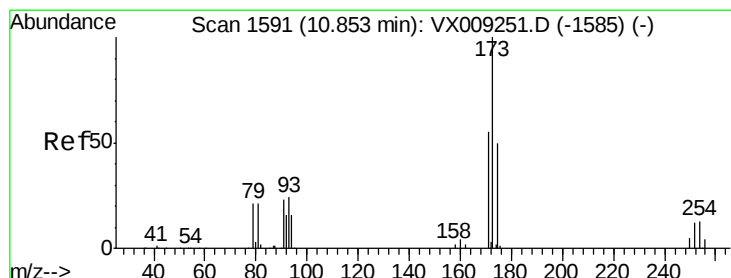
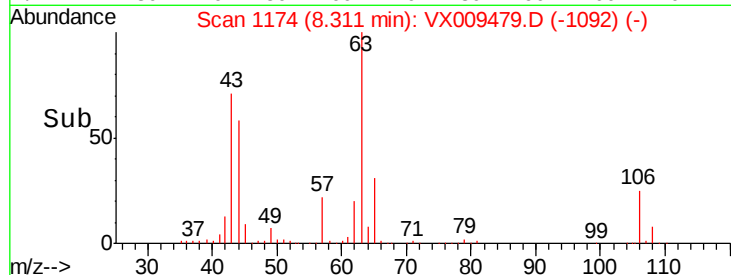
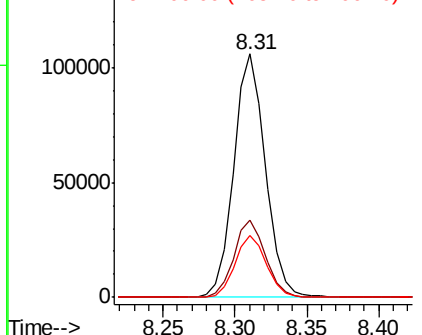
#55
2-Chloroethyl vinyl ether
Concen: 91.106 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion: 63 Resp: 161472
Ion Ratio Lower Upper
63 100
65 31.8 25.8 38.6
106 25.2 19.8 29.6

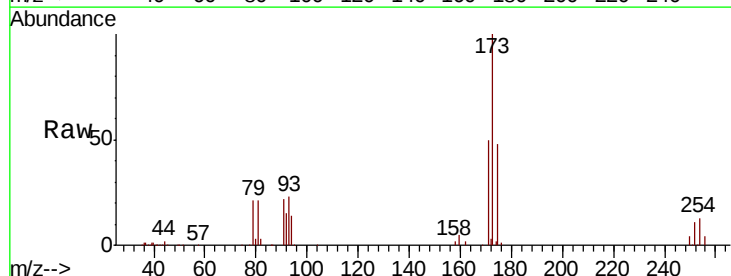


Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 106.00 (105.70 to 106.70): V

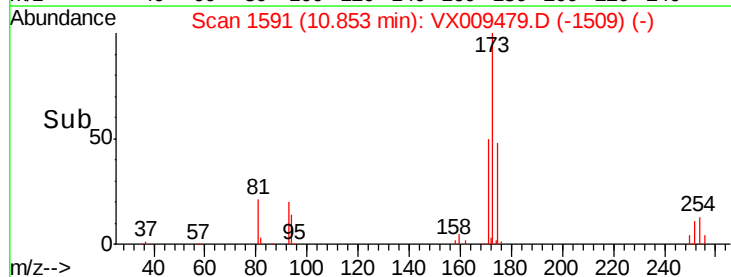
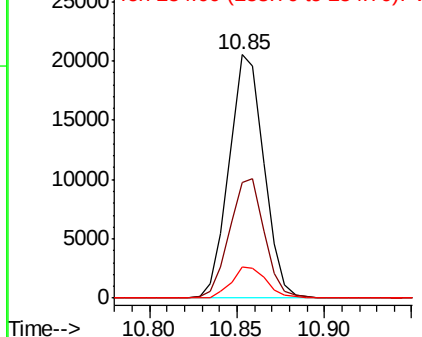


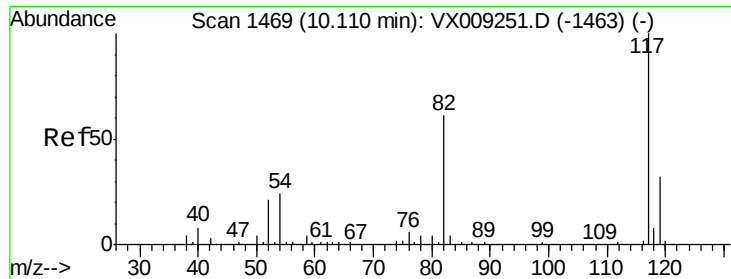
#56
Bromoform
Concen: 20.718 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 173 Resp: 28508
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.2
254 12.7 9.9 14.9



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

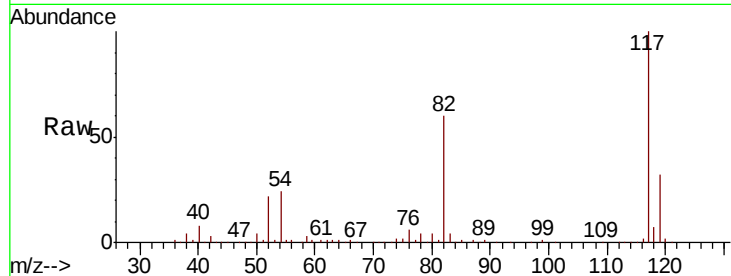




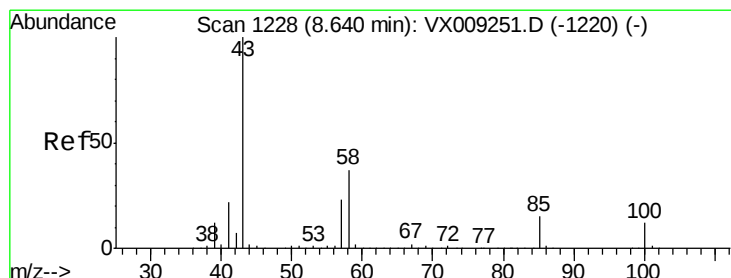
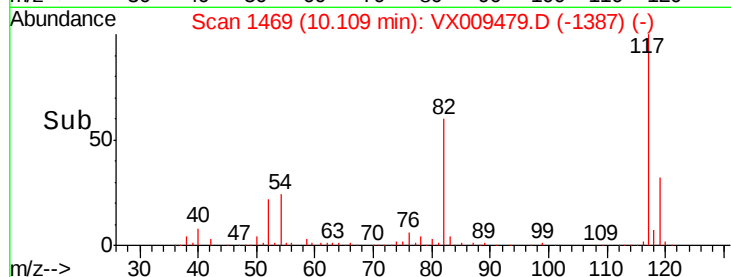
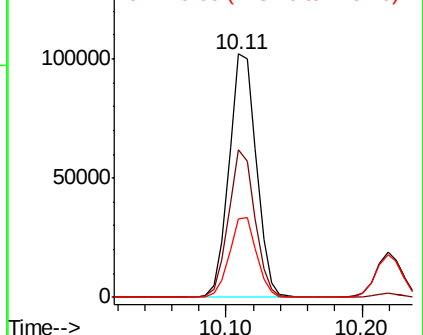
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion:117 Resp: 142602
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 32.5 25.6 38.4

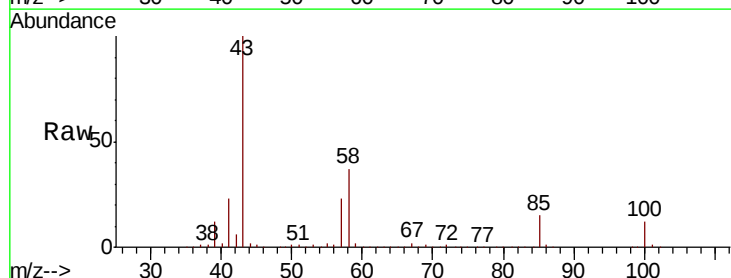


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

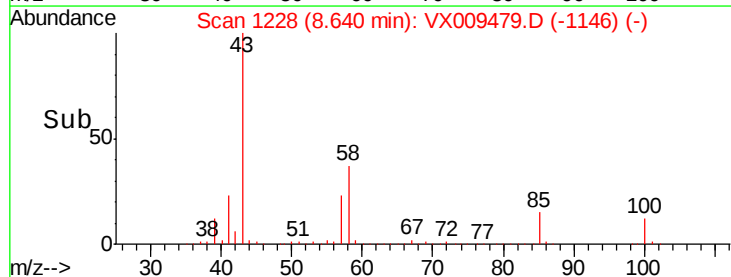
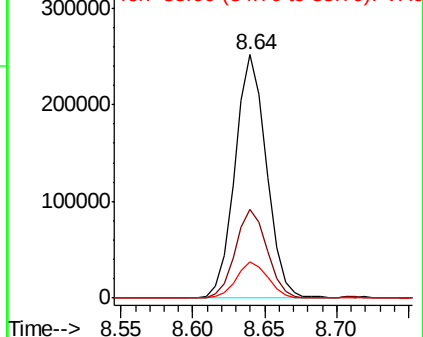


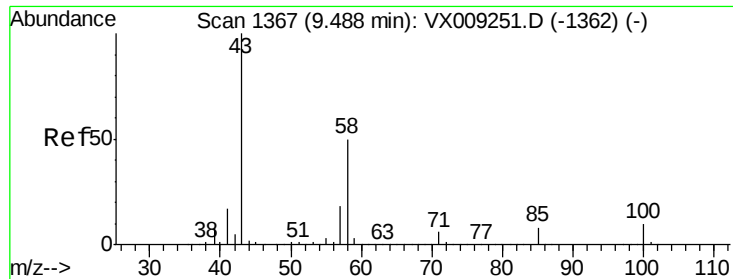
#58
4-Methyl-2-Pentanone
Concen: 109.241 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 43 Resp: 383045
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 14.9 11.8 17.8



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

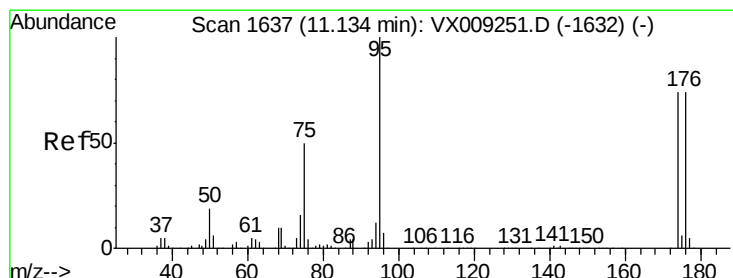
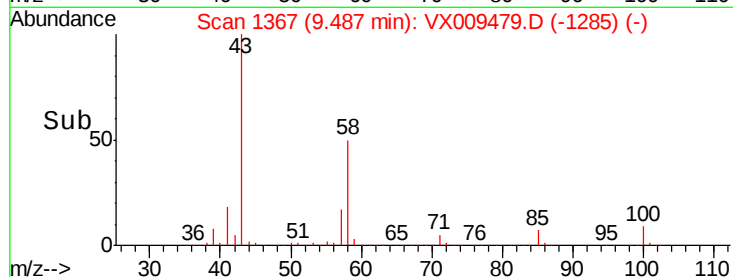
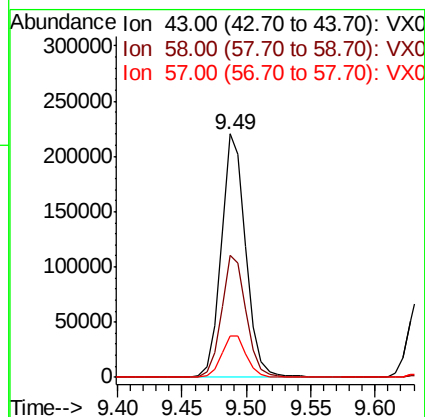
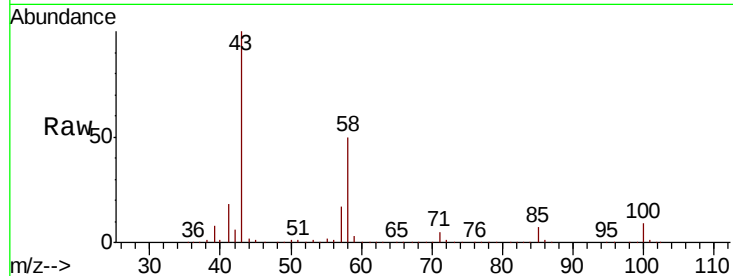




#59
2-Hexanone
Concen: 106.620 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

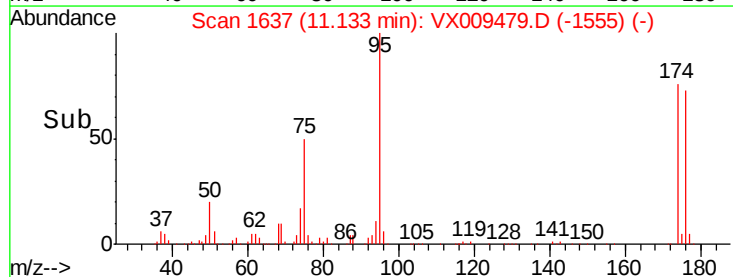
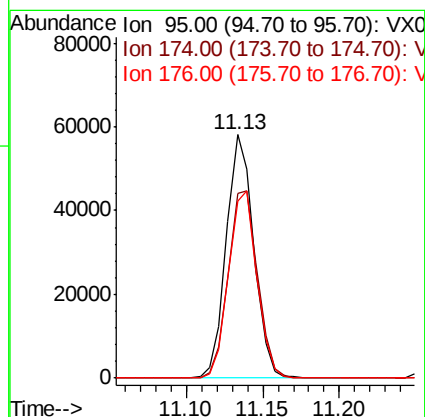
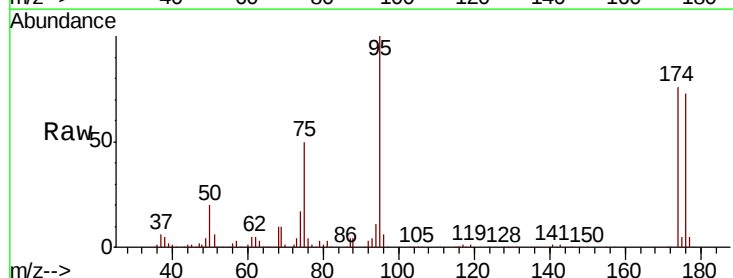
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

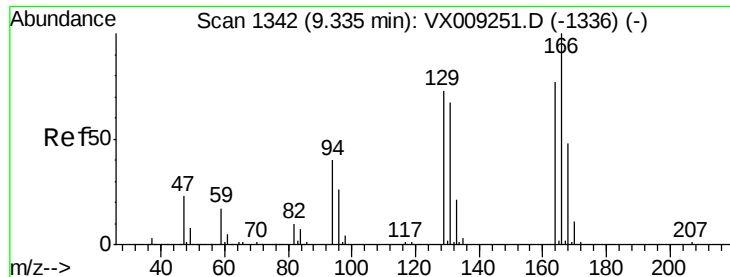
Tot Ion: 43 Resp: 293230
Ion Ratio Lower Upper
43 100
58 50.4 40.8 61.2
57 17.9 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.948 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 95 Resp: 72569
Ion Ratio Lower Upper
95 100
174 81.8 63.6 95.4
176 79.0 62.4 93.6





#61

Tetrachloroethene

Concen: 22.000 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion:164 Resp: 34584

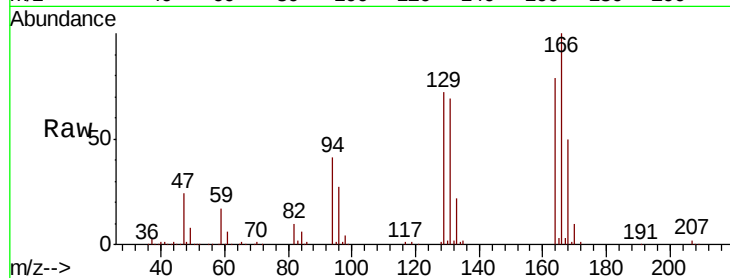
Ion Ratio Lower Upper

164 100

166 126.4 104.1 156.1

129 91.3 76.0 114.0

131 86.8 70.1 105.1

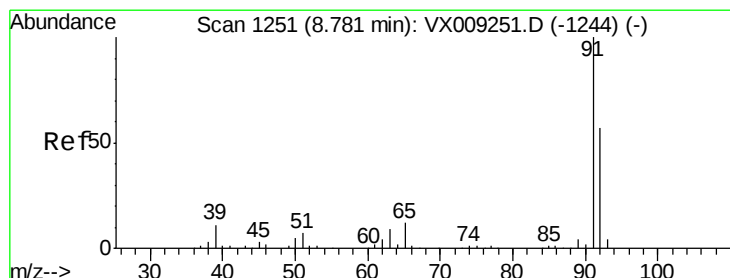
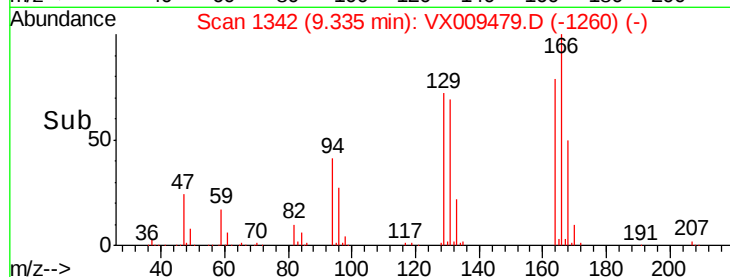
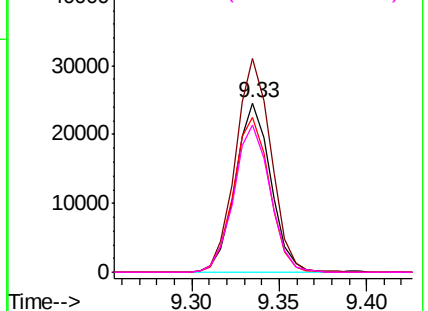


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.395 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX009479.D

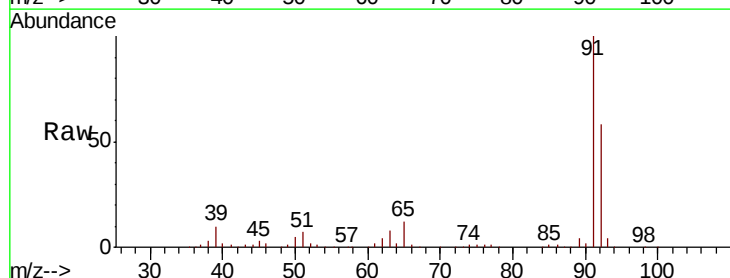
Acq: 10 May 2019 13:37

Tgt Ion: 91 Resp: 170650

Ion Ratio Lower Upper

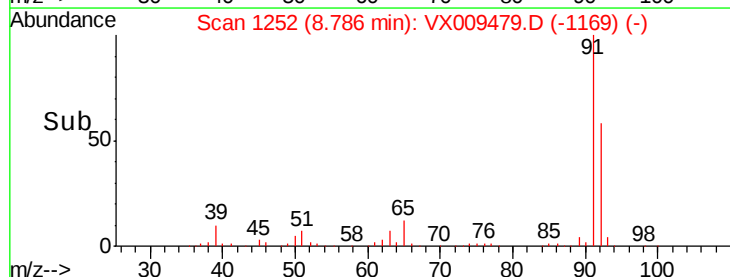
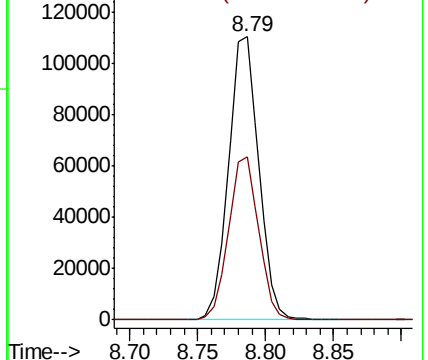
91 100

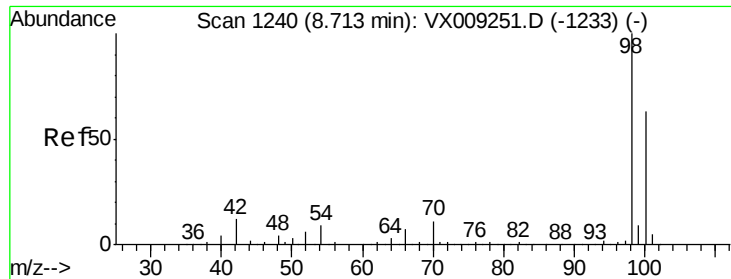
92 57.5 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.152 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

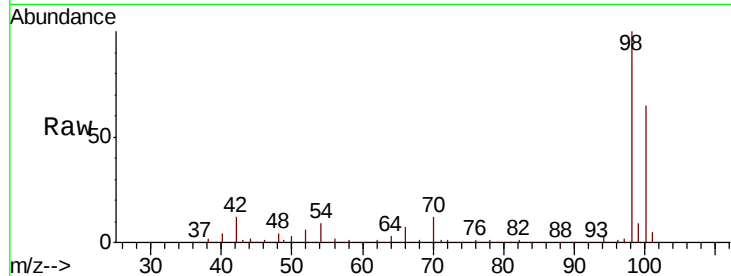
VX0510WBSD01

Tot Ion: 98 Resp: 203854

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX009479.D (-1158) (-)

Ion 100.00 (99.70 to 100.70): VX009479.D (-1158) (-)

8.71

150000

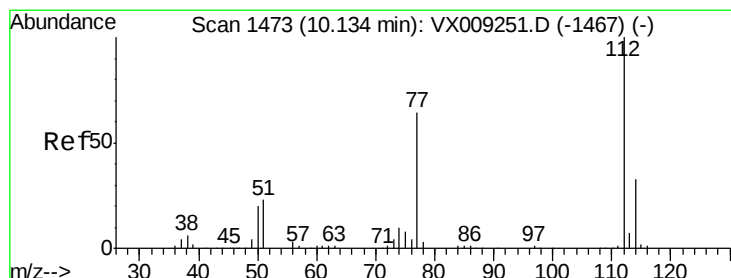
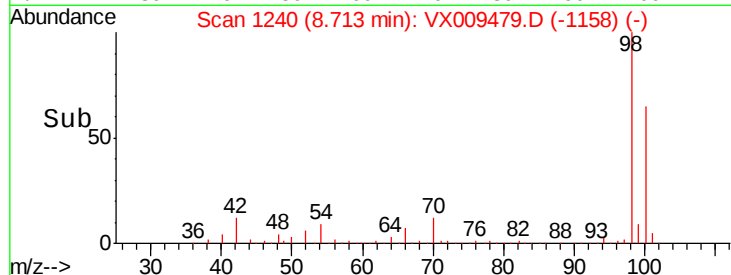
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 22.103 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009479.D

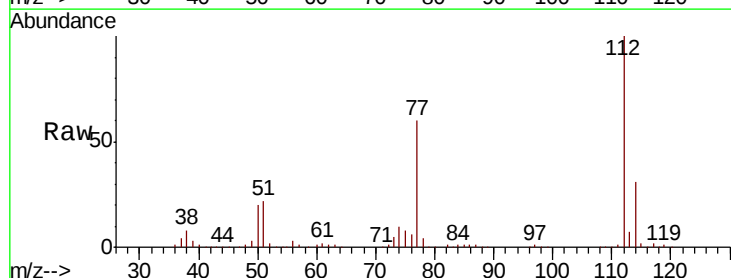
Acq: 10 May 2019 13:37

Tgt Ion: 112 Resp: 101363

Ion Ratio Lower Upper

112 100

114 31.3 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009479.D (-1391) (-)

Ion 114.00 (113.70 to 114.70): VX009479.D (-1391) (-)

10.14

80000

60000

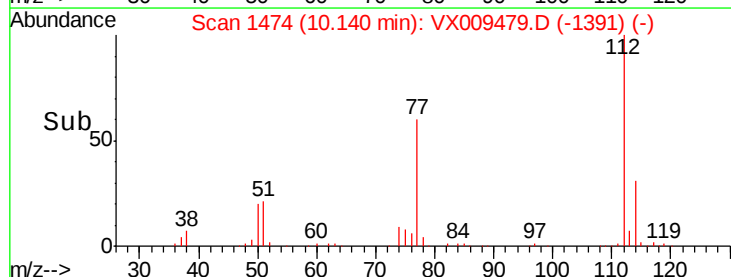
40000

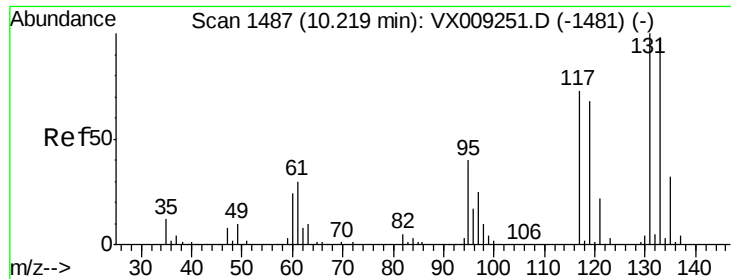
20000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 21.841 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

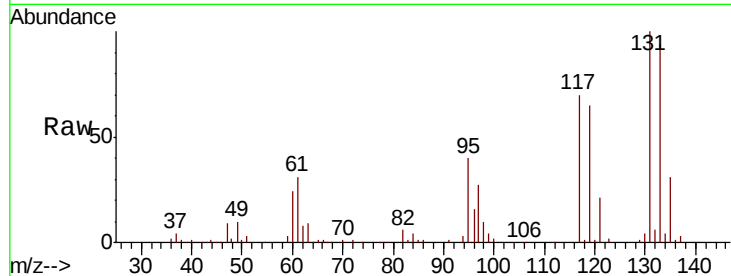
Tot Ion:131 Resp: 36675

Ion Ratio Lower Upper

131 100

133 95.5 0.0 191.2

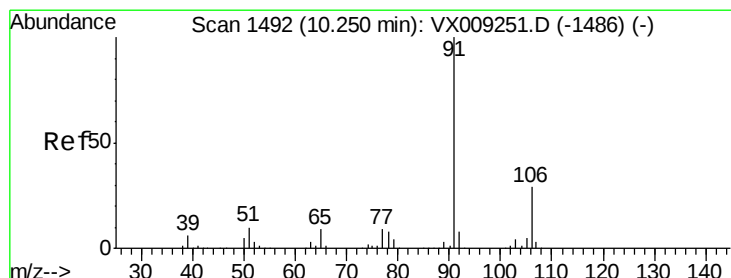
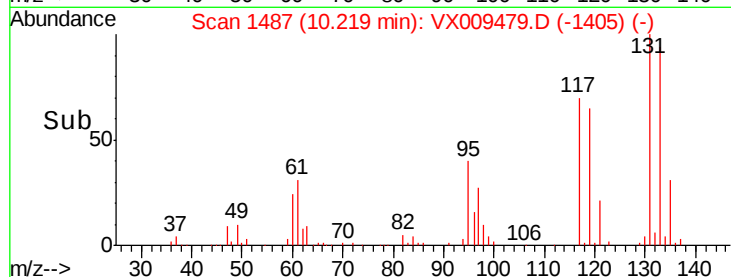
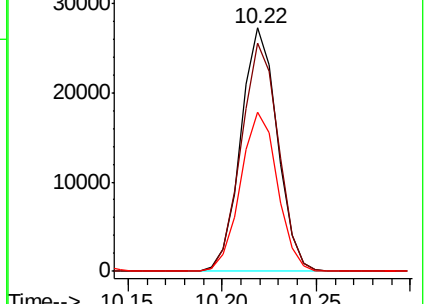
119 66.2 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 22.117 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009479.D

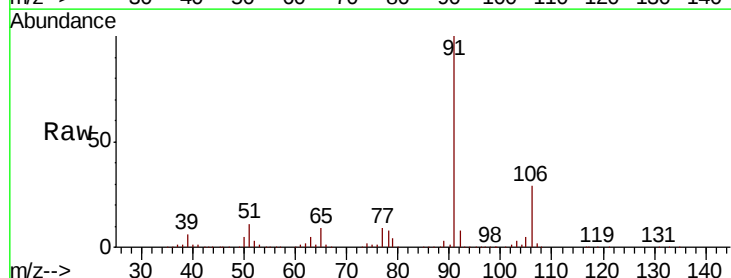
Acq: 10 May 2019 13:37

Tgt Ion: 91 Resp: 187746

Ion Ratio Lower Upper

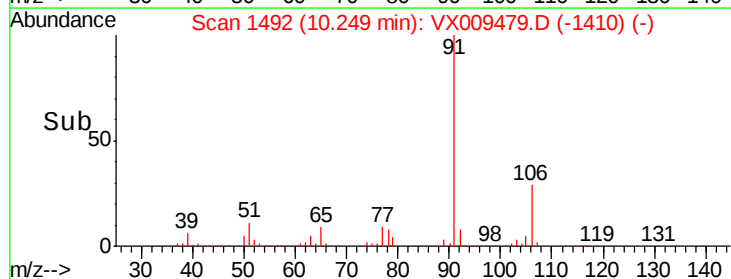
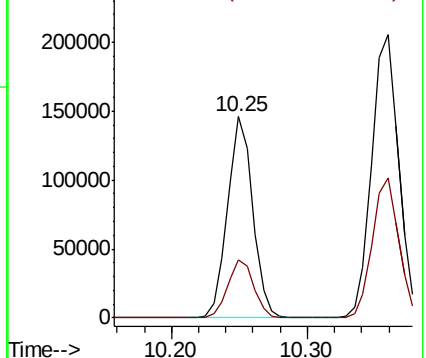
91 100

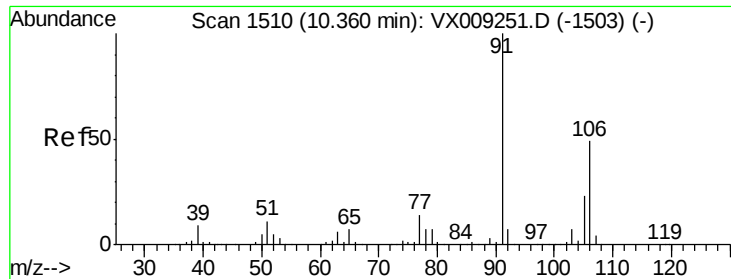
106 29.2 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

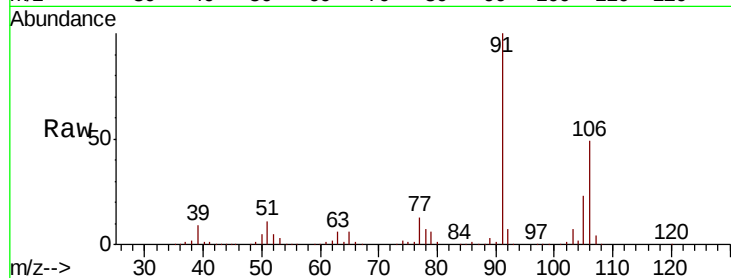




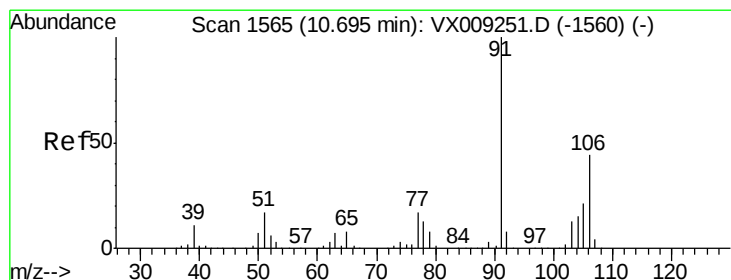
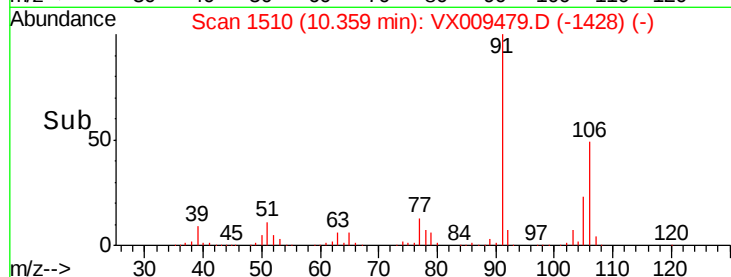
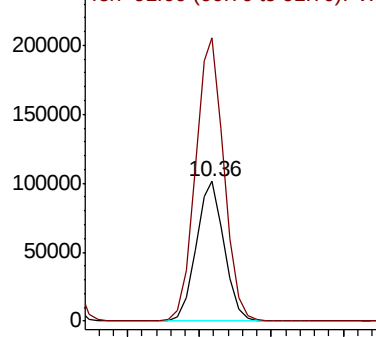
#67
m/p-Xylenes
Concen: 44.416 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion:106 Resp: 137659
Ion Ratio Lower Upper
106 100
91 205.1 166.8 250.2

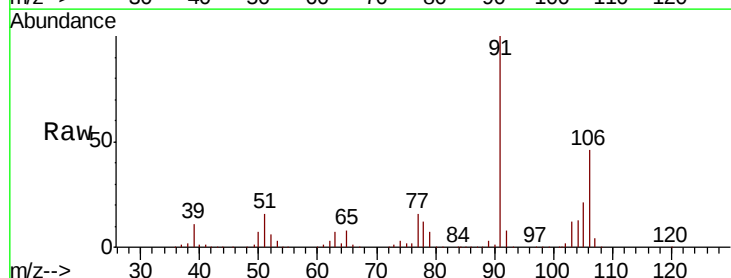


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

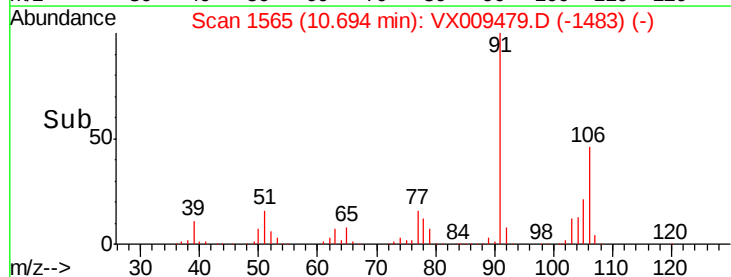
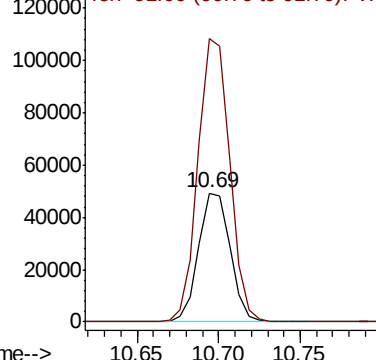


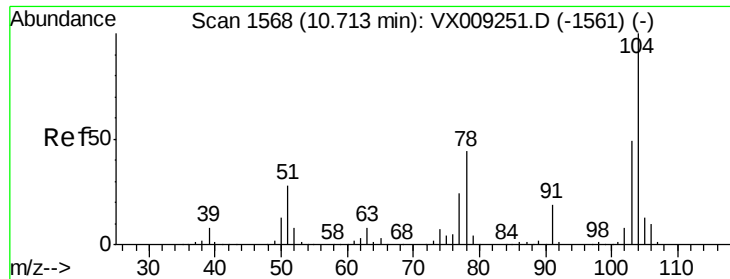
#68
o-Xylene
Concen: 21.887 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion:106 Resp: 66702
Ion Ratio Lower Upper
106 100
91 220.2 110.8 332.3



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

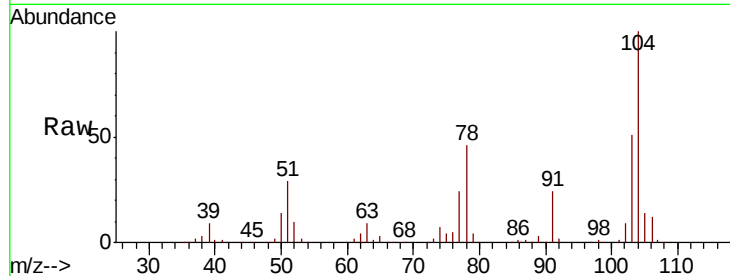




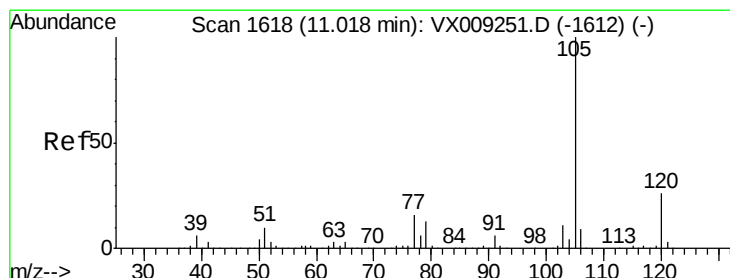
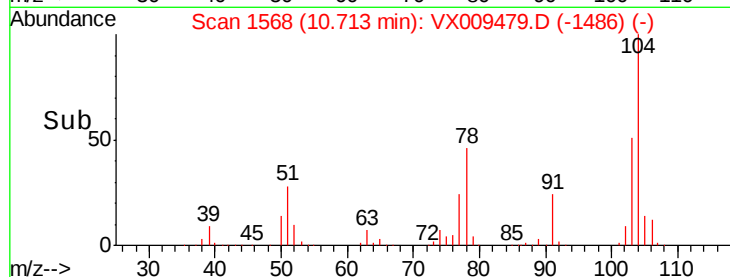
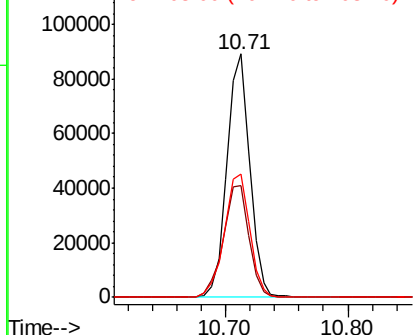
#69
Stvrene
Concen: 21.463 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion:104 Resp: 114821
Ion Ratio Lower Upper
104 100
78 52.0 41.1 61.7
103 56.3 43.8 65.8

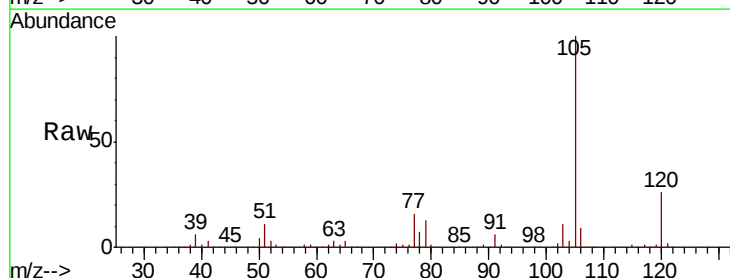


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

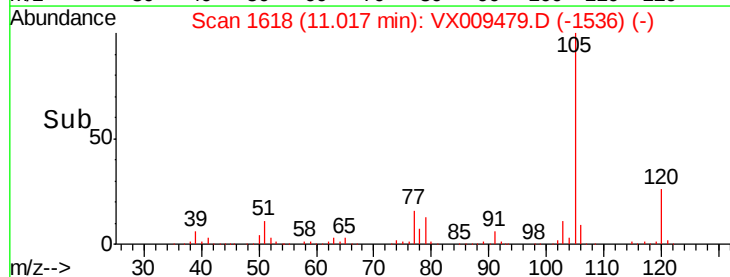
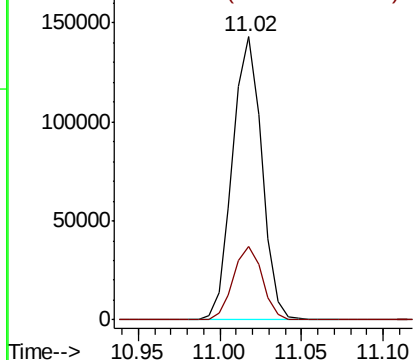


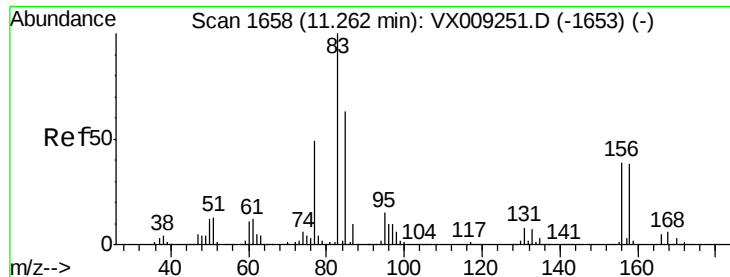
#70
Isopropylbenzene
Concen: 21.928 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion:105 Resp: 179719
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.7



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

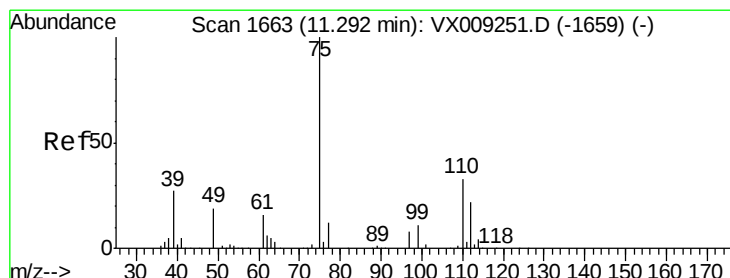
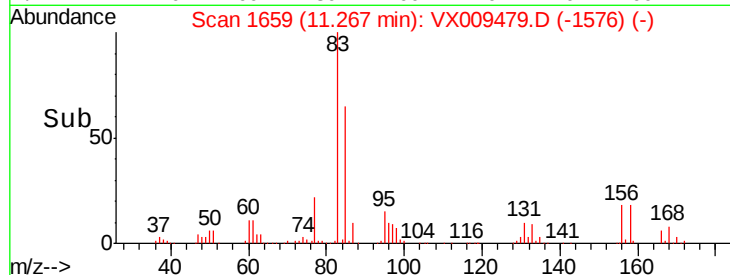
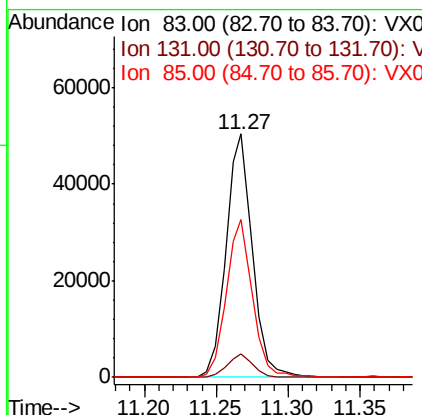
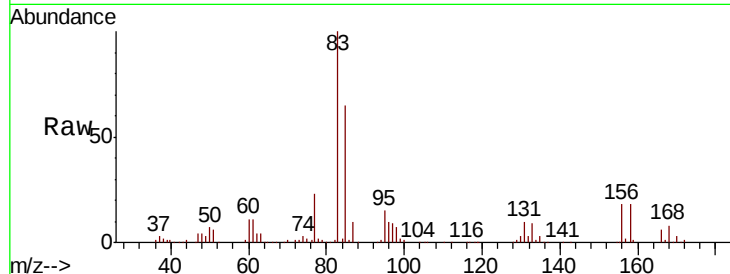




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.659 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

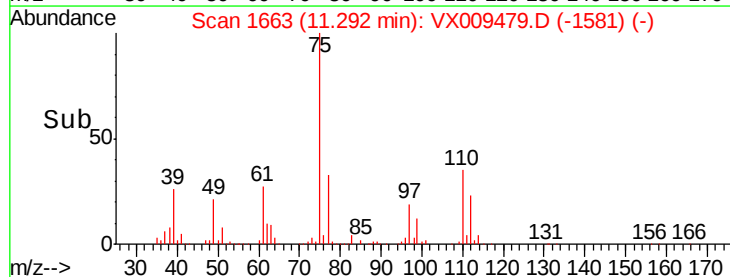
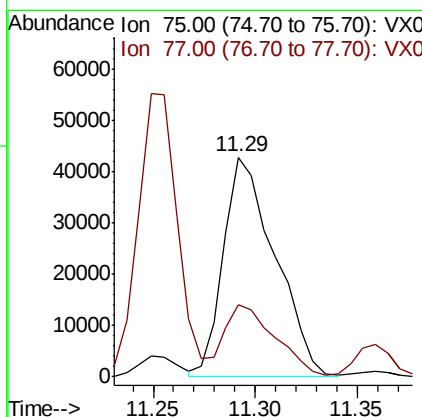
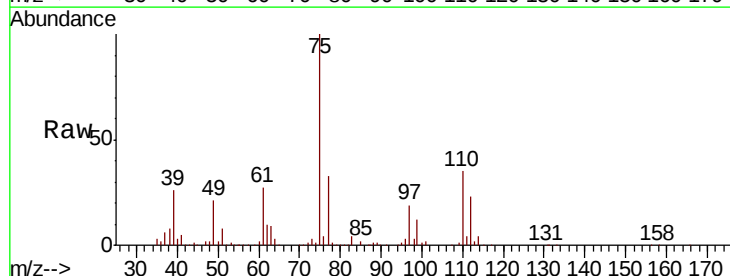
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

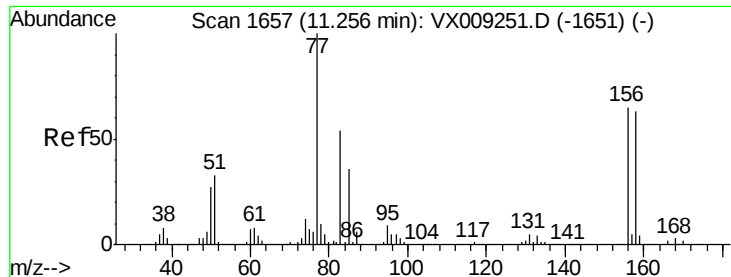
Tot Ion	83	Resp	65011
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.0
85	64.4	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 29.204 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion	75	Resp	75541
Ion Ratio	Lower	Upper	
75	100		
77	32.9	0.0	86.4





#73

Bromobenzene

Concen: 21.760 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

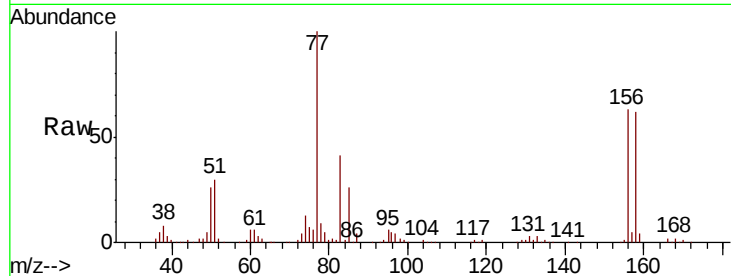
Tot Ion:156 Resp: 44065

Ion Ratio Lower Upper

156 100

77 167.4 0.0 335.6

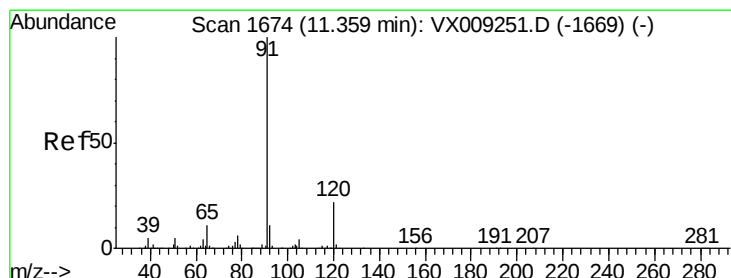
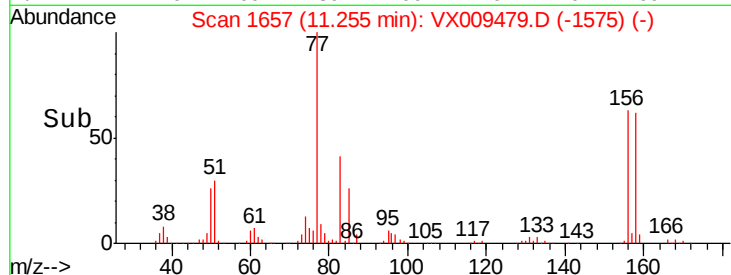
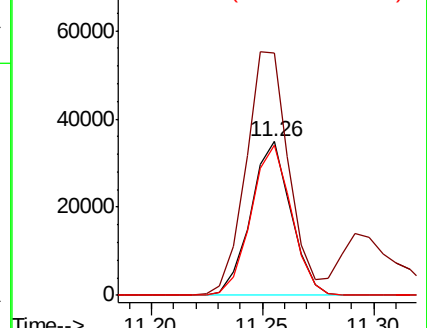
158 98.0 0.0 191.2



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: 21.488 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009479.D

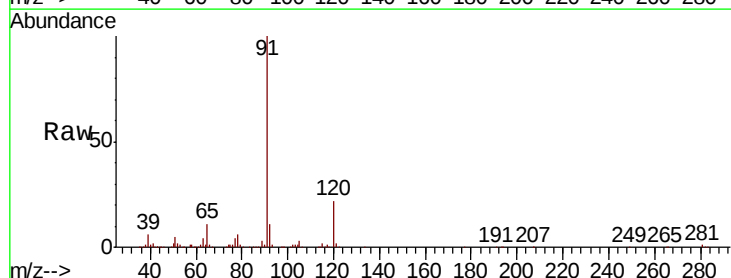
Acq: 10 May 2019 13:37

Tgt Ion: 91 Resp: 204083

Ion Ratio Lower Upper

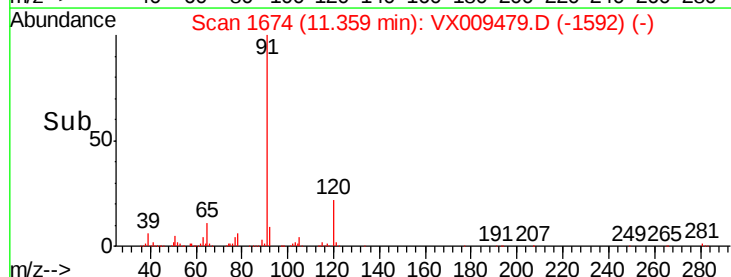
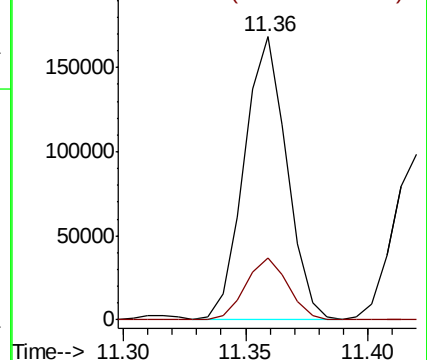
91 100

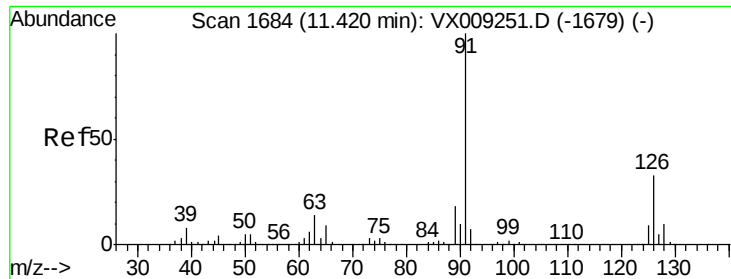
120 21.7 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.319 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

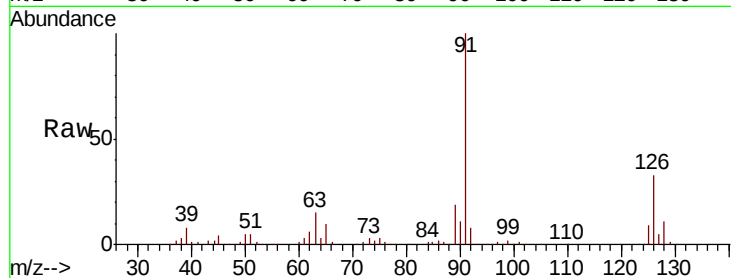
VX0510WBSD01

Tot Ion: 91 Resp: 121449

Ion Ratio Lower Upper

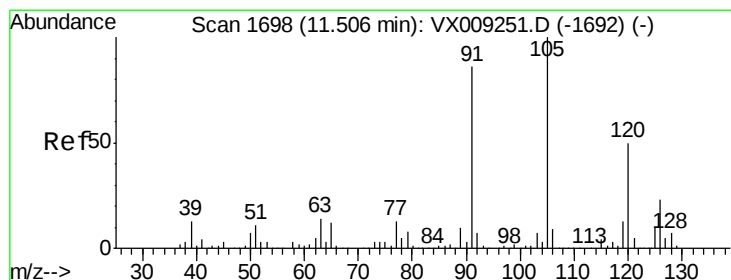
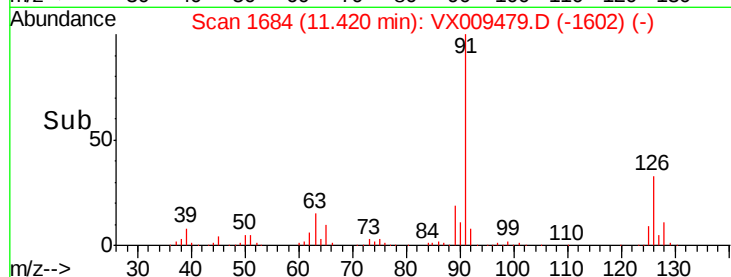
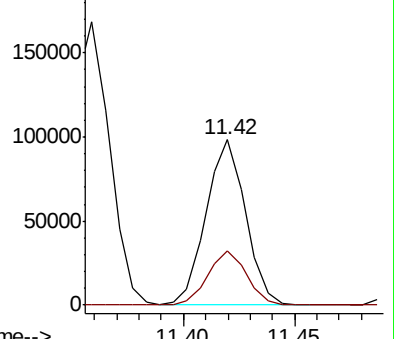
91 100

126 32.3 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.712 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009479.D

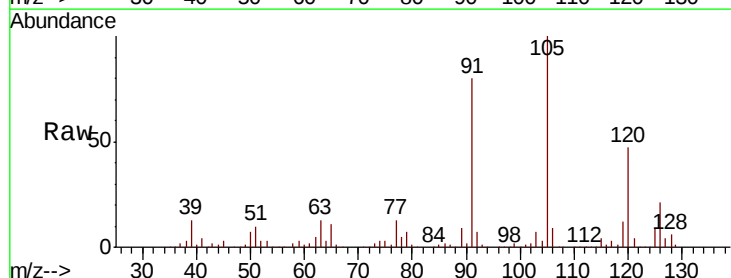
Acq: 10 May 2019 13:37

Tgt Ion:105 Resp: 150735

Ion Ratio Lower Upper

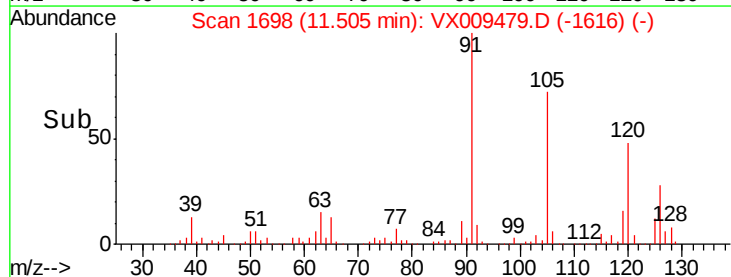
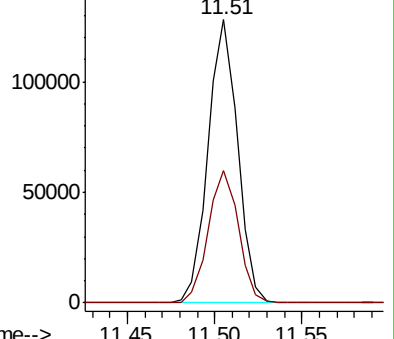
105 100

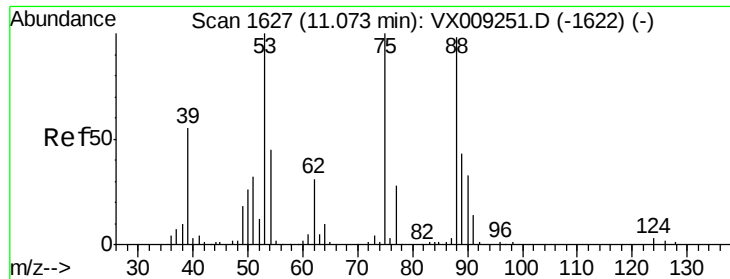
120 47.4 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 19.685 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

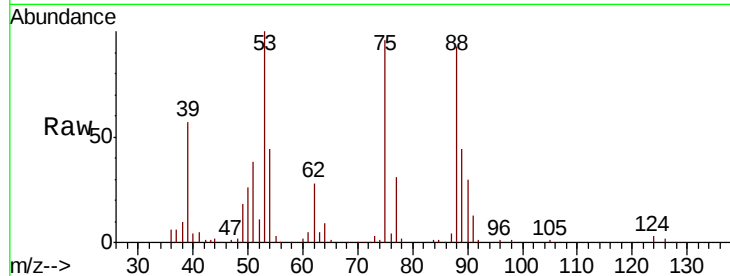
Tot Ion: 75 Resp: 20539

Ion Ratio Lower Upper

75 100

53 103.7 50.0 149.8

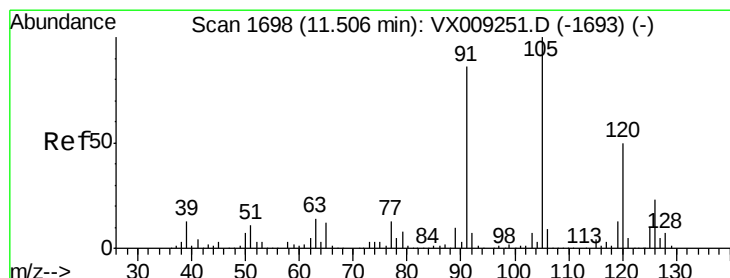
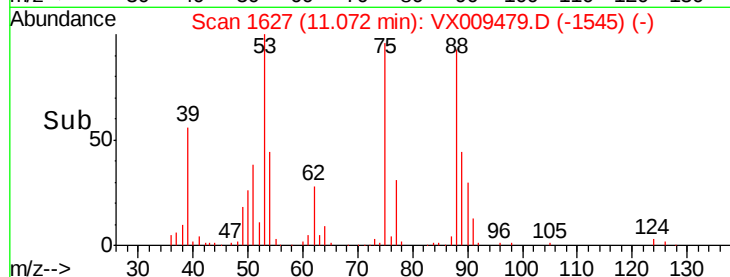
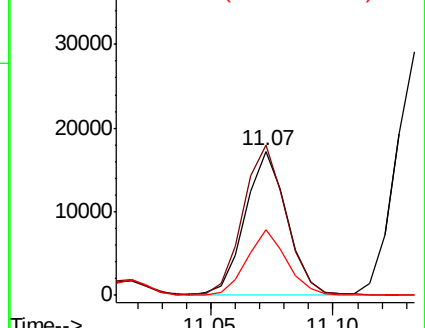
89 45.5 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 21.503 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009479.D

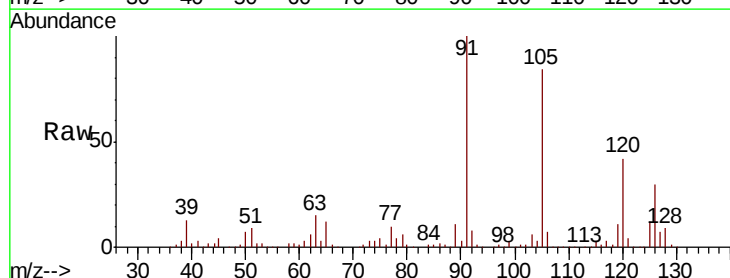
Acq: 10 May 2019 13:37

Tgt Ion: 91 Resp: 139127

Ion Ratio Lower Upper

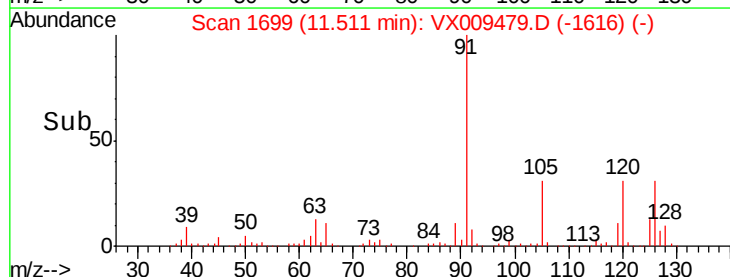
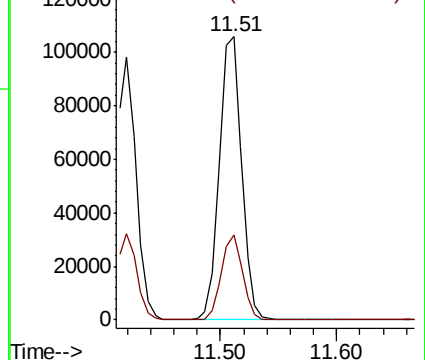
91 100

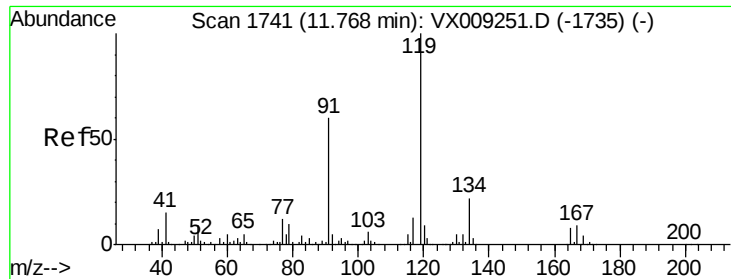
126 28.6 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

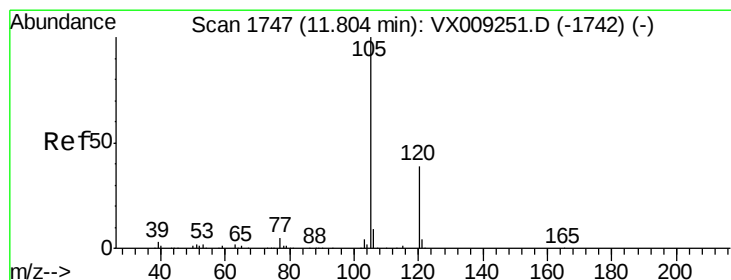
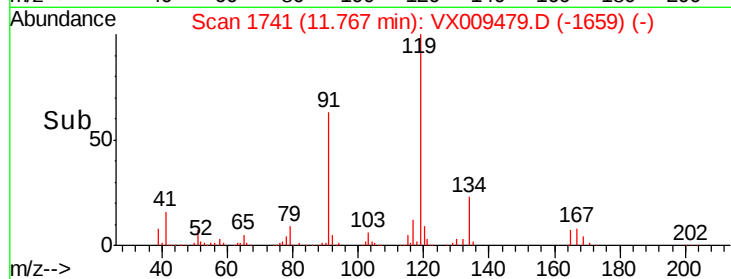
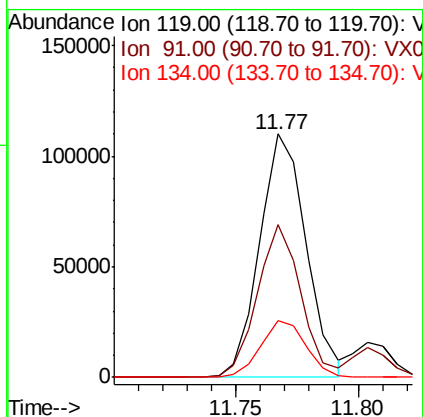
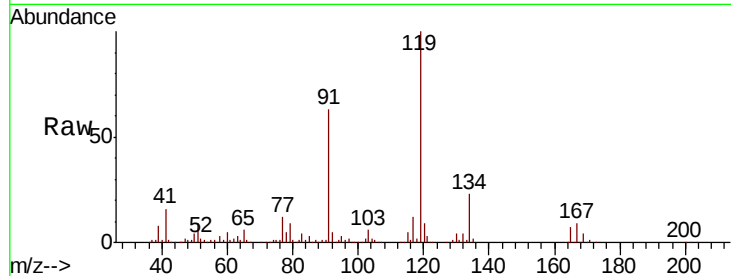




#79
tert-butylbenzene
Concen: 21.633 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

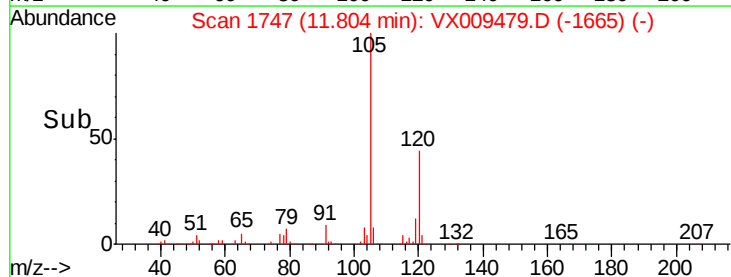
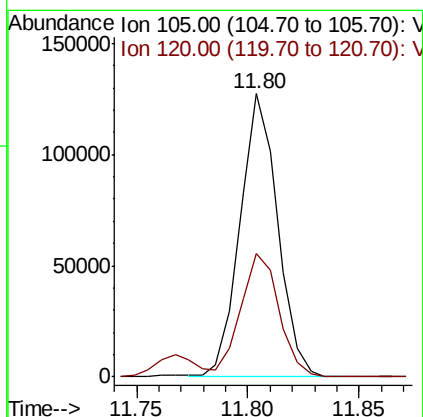
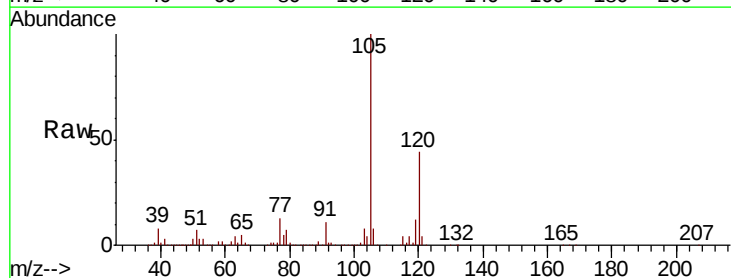
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

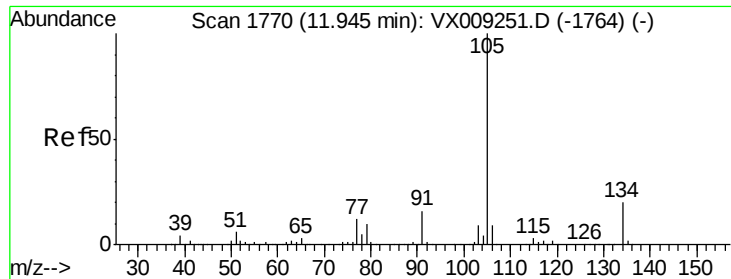
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	0.0	118.2
134	22.8	0.0	45.0



#80
1,2,4-Trimethylbenzene
Concen: 21.486 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	0.0	89.6

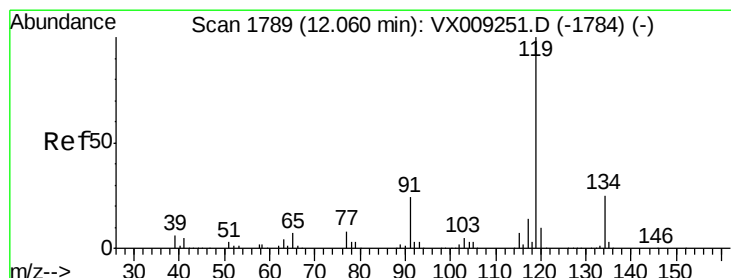
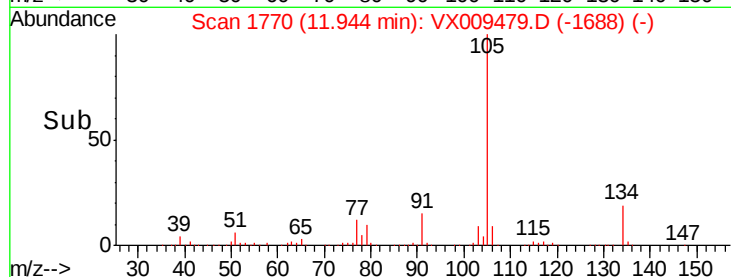
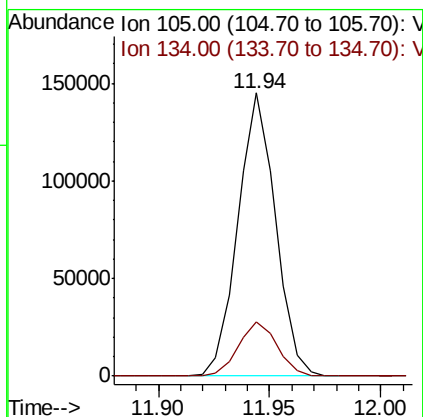
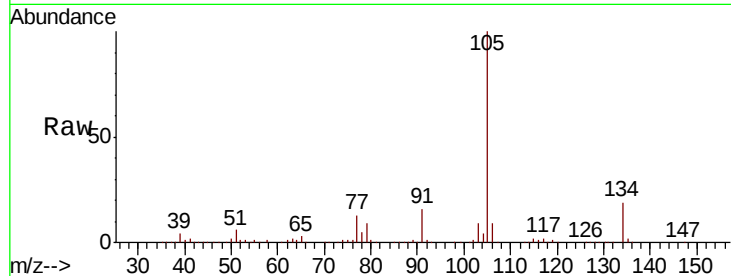




#81
 sec-Butylbenzene
 Concen: 21.401 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

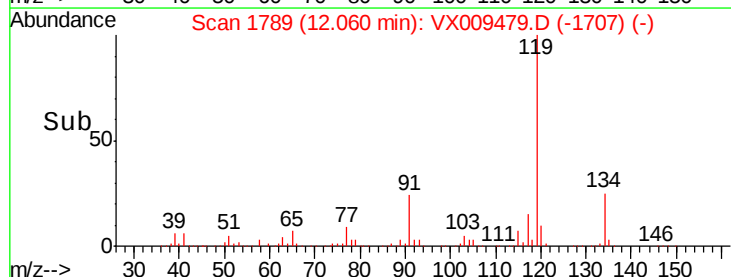
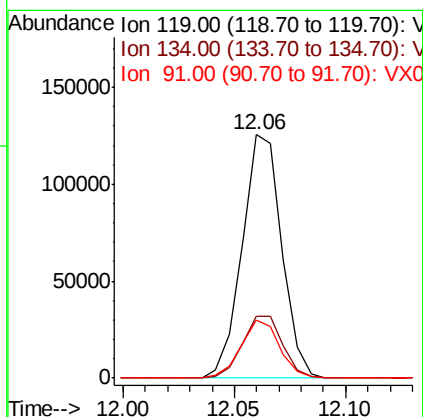
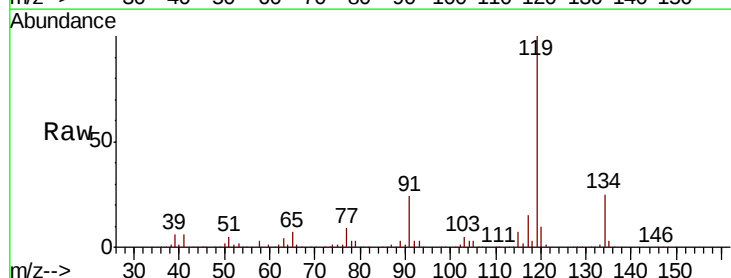
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0510WBSD01

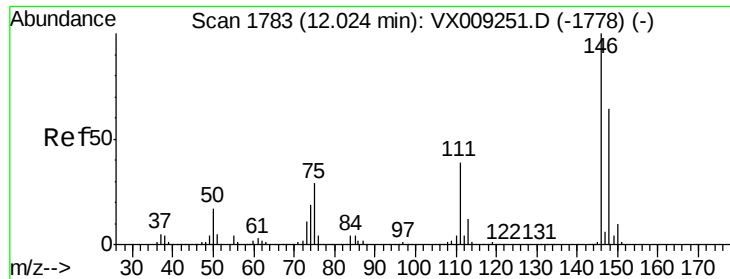
Tot Ion:105 Resp: 170651
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 21.484 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion:119 Resp: 155830
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 23.6 0.0 47.2

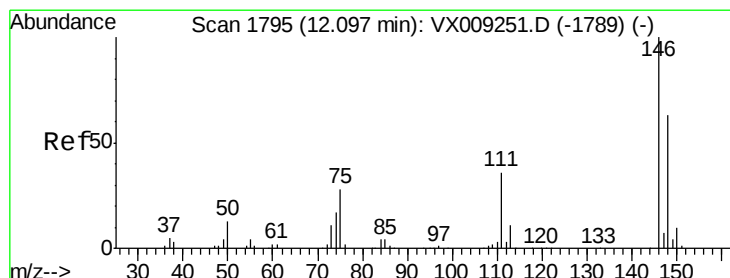
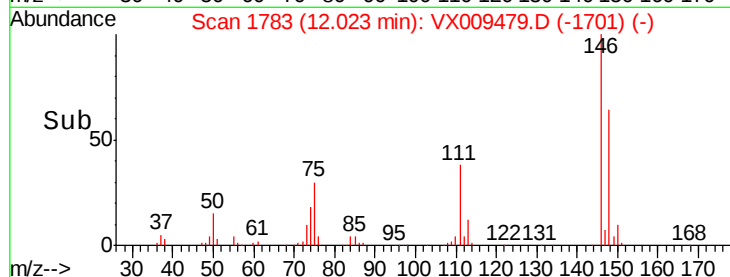
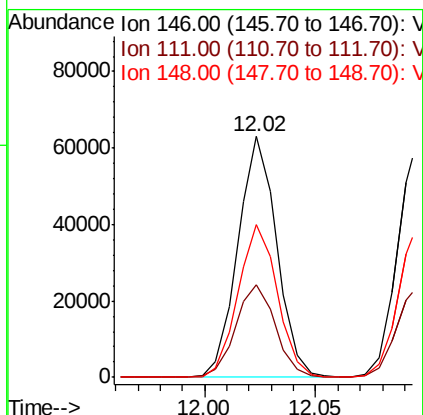
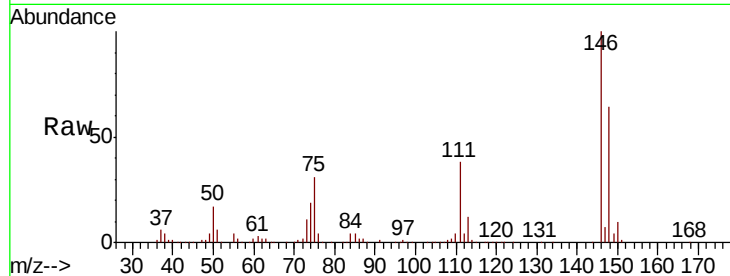




#83
 1,3-Dichlorobenzene
 Concen: 21.218 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

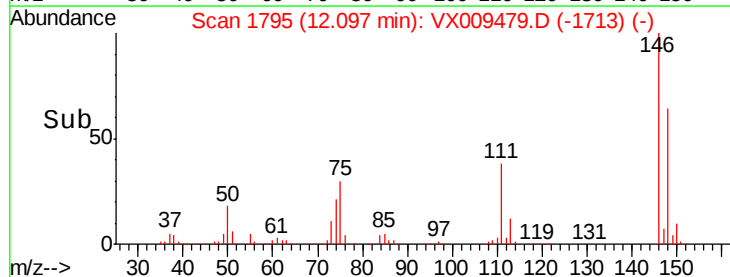
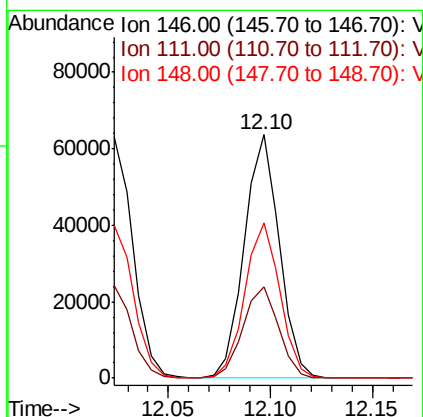
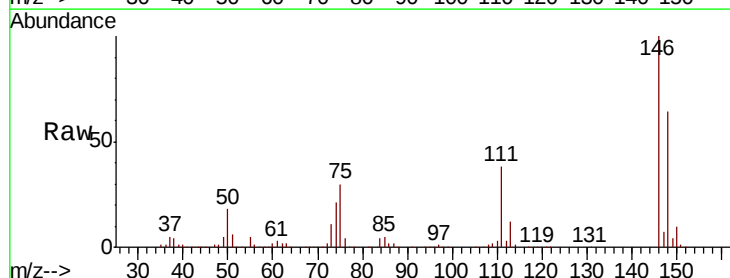
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

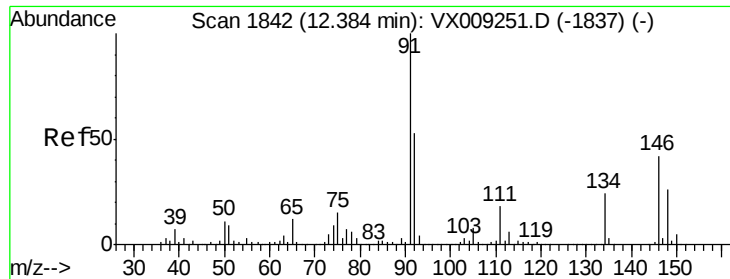
Tot Ion:146 Resp: 76733
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 64.2 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion:146 Resp: 76210
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 64.0 32.3 96.8

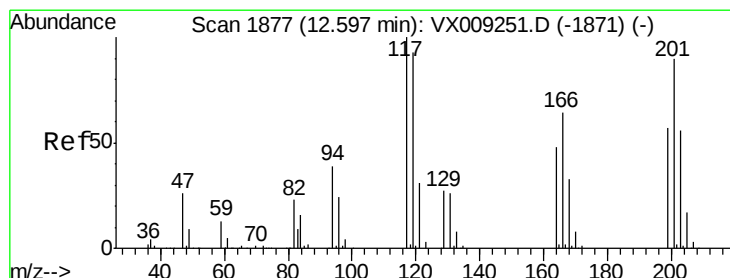
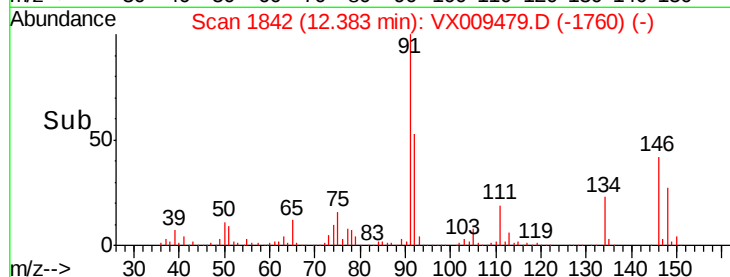
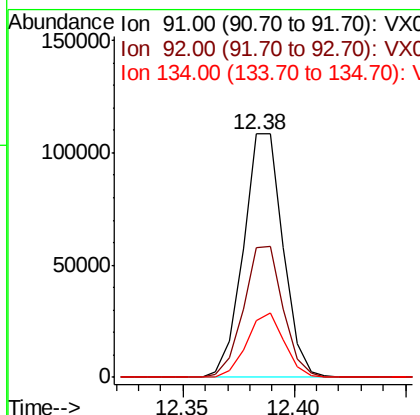
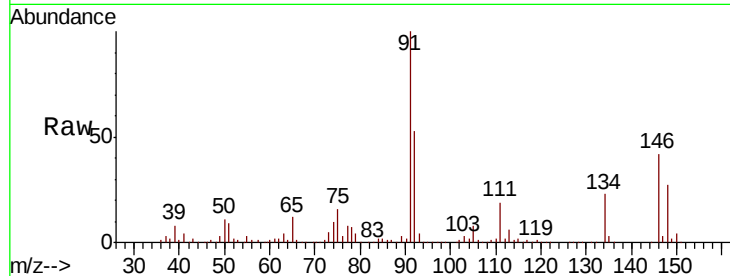




#85
n-Butylbenzene
Concen: 20.359 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

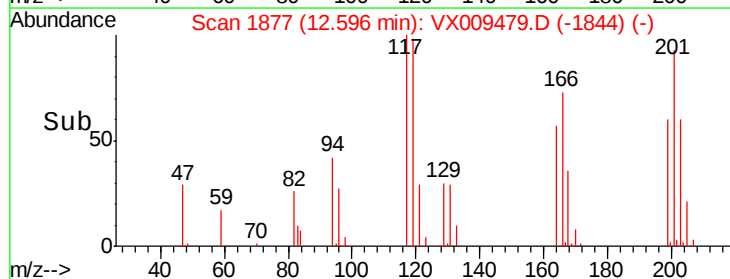
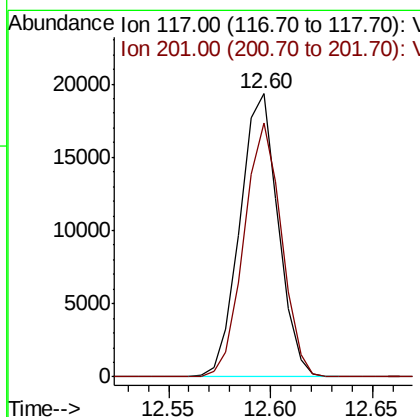
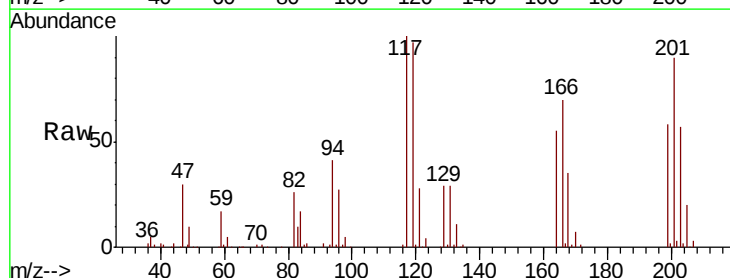
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

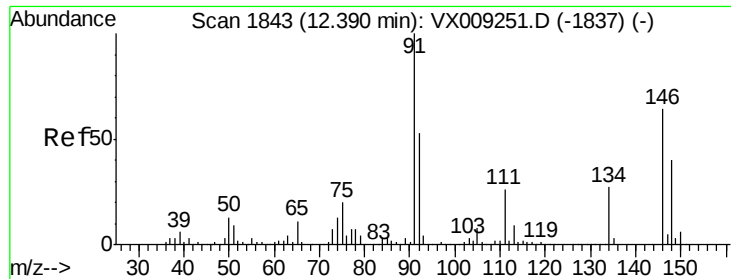
Tot Ion: 91 Resp: 135126
Ion Ratio Lower Upper
91 100
92 53.5 0.0 106.6
134 25.1 0.0 50.0



#86
Hexachloroethane
Concen: 20.464 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009479.D
Acq: 10 May 2019 13:37

Tgt Ion: 117 Resp: 25258
Ion Ratio Lower Upper
117 100
201 87.6 41.8 125.4

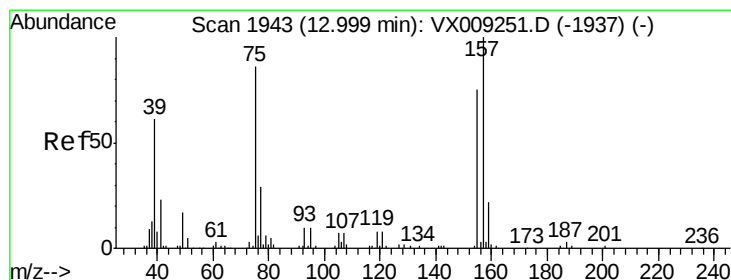
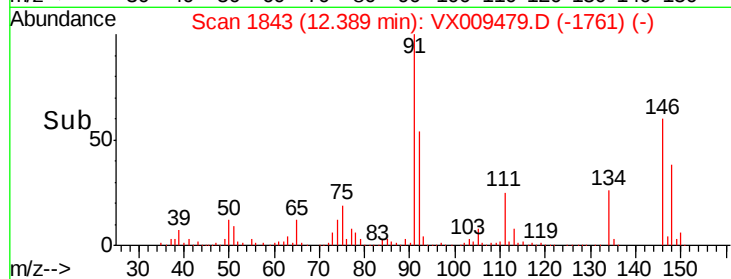
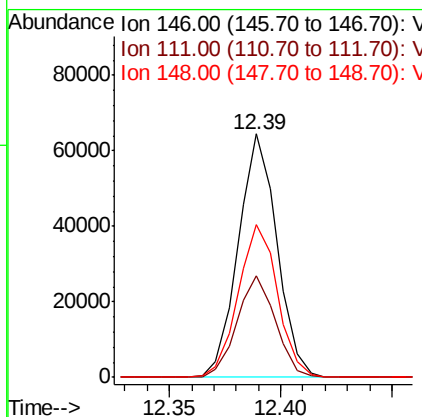
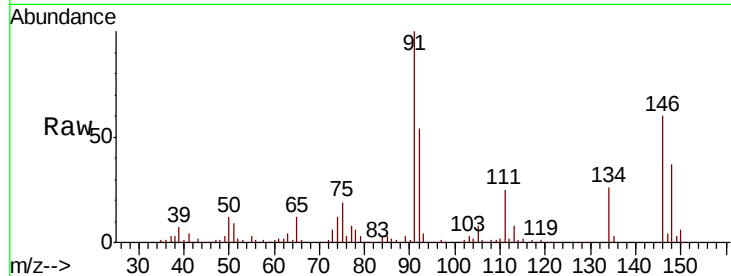




#87
 1,2-Dichlorobenzene
 Concen: 21.482 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

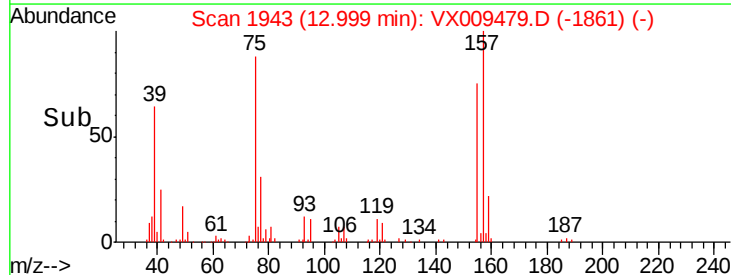
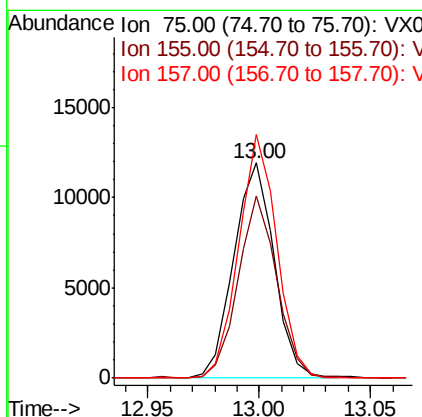
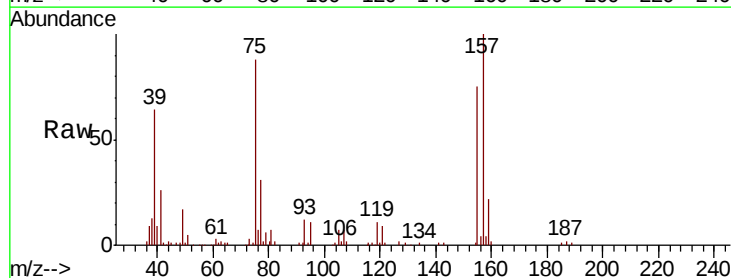
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

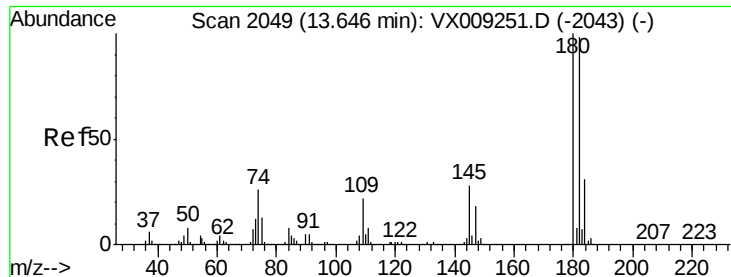
Tot Ion:146 Resp: 78203
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 63.9 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.537 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion: 75 Resp: 15022
 Ion Ratio Lower Upper
 75 100
 155 81.3 65.9 98.9
 157 107.4 85.2 127.8

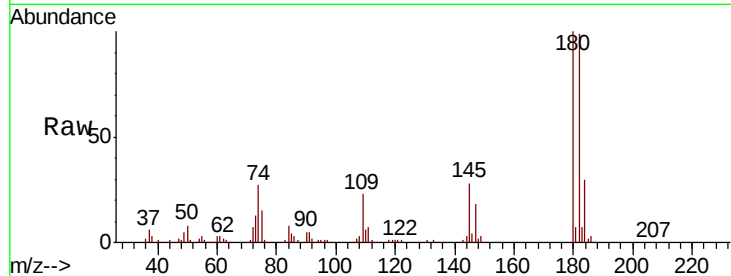




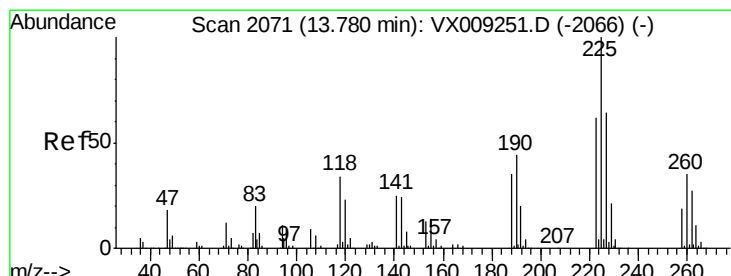
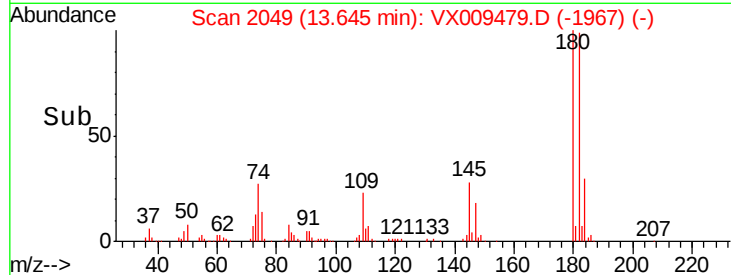
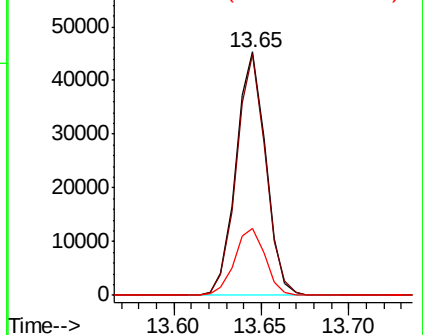
#89
 1,2,4-Trichlorobenzene
 Concen: 20.748 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion:180 Resp: 53835
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.9 115.3
 145 28.2 23.0 34.6

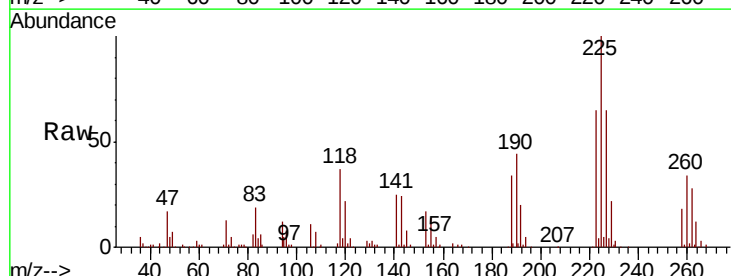


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

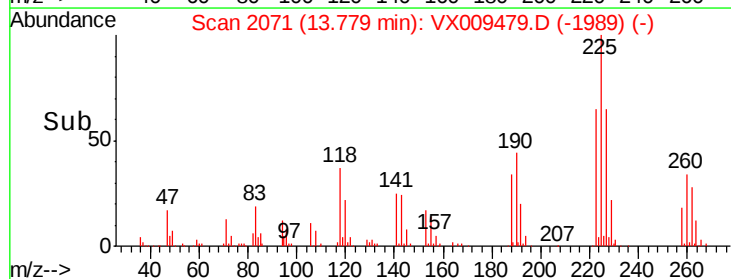
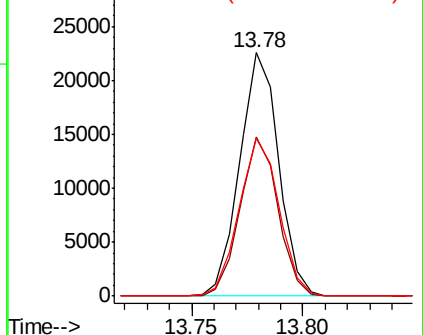


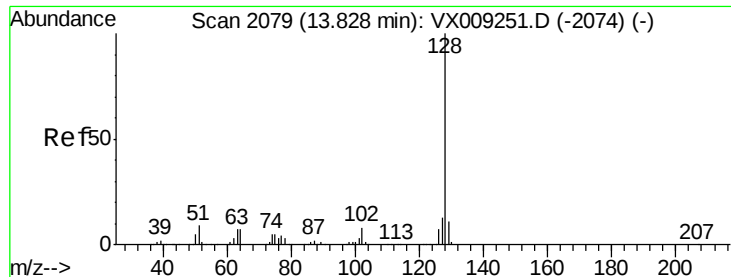
#90
 Hexachlorobutadiene
 Concen: 21.331 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009479.D
 Acq: 10 May 2019 13:37

Tgt Ion:225 Resp: 27647
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 126.6
 227 66.4 0.0 130.0



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: 21.718 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

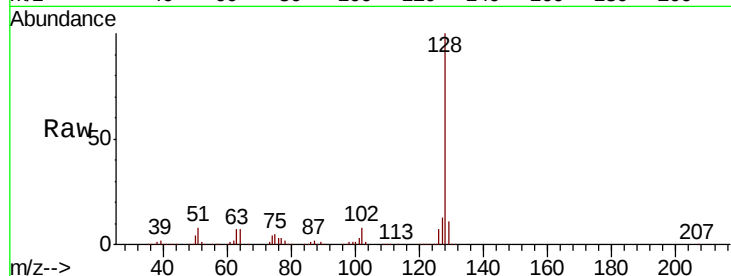
Tot Ion:128 Resp: 184504

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

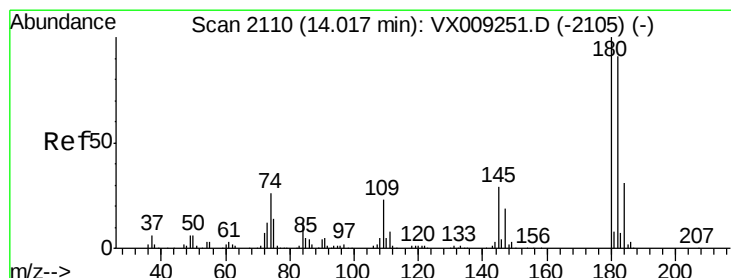
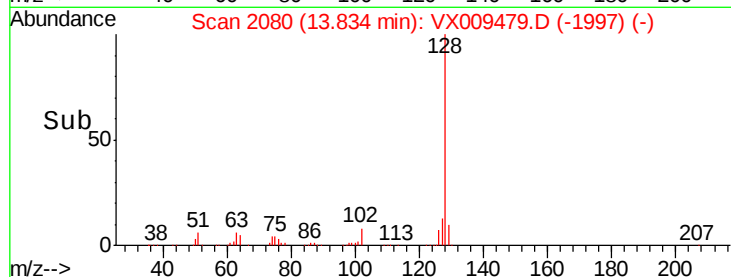
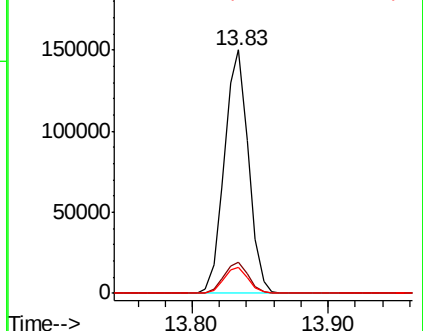
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.302 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009479.D

Acq: 10 May 2019 13:37

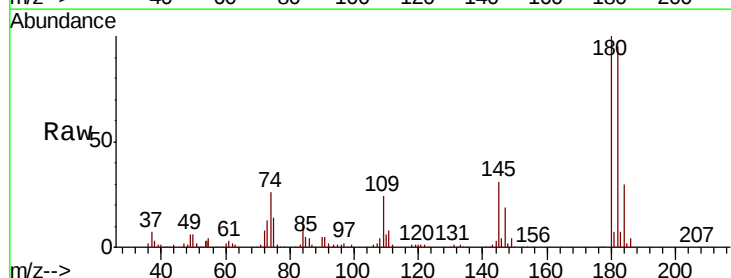
Tgt Ion:180 Resp: 56184

Ion Ratio Lower Upper

180 100

182 95.7 0.0 189.0

145 30.7 0.0 61.6



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

