

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
 Data File : VX009474.D
 Acq On : 10 May 2019 11:41
 Operator : JC/SP
 Sample : VX0510WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Quant Time: May 10 12:00:52 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	5.01	128	29838	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	165676	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	147305	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	70834	28.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.40%
60) 4-Bromofluorobenzene	11.13	95	73639	29.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.07%
63) Toluene-d8	8.71	98	209523	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29012	18.298	ug/l 100
3) Chloromethane	1.32	50	44333	20.803	ug/l 100
4) Vinyl Chloride	1.41	62	42648	20.060	ug/l 100
5) Bromomethane	1.64	94	24573	18.234	ug/l 95
6) Chloroethane	1.72	64	27676	19.850	ug/l 99
7) Trichlorofluoromethane	1.93	101	54205	20.647	ug/l 99
8) Diethyl Ether	2.19	74	25263	20.724	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32712	20.126	ug/l 99
10) 1,1-Dichloroethene	2.37	96	33481	20.515	ug/l 97
11) Methyl Iodide	2.51	142	34174	19.262	ug/l 97
12) Methyl Acetate	2.77	43	56863	18.498	ug/l 97
13) Acrolein	2.29	56	44850	106.376	ug/l 100
14) Acrylonitrile	3.14	53	135540	101.599	ug/l 99
15) Acetone	2.44	58	40229	105.029	ug/l 98
16) Carbon Disulfide	2.57	76	93404	21.152	ug/l 100
17) Allyl chloride	2.73	41	77743	19.842	ug/l 99
18) Methylene Chloride	2.85	84	40300	20.432	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	35878	20.618	ug/l 96
20) Diisopropyl ether	3.85	45	155976	20.215	ug/l 96
21) 1,1-Dichloroethane	3.70	63	74972	20.078	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	42458	20.256	ug/l 99
23) tert-Butyl Alcohol	3.04	59	54828	97.195	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	127855	20.018	ug/l 100
25) Chloroform	5.21	83	69040	20.261	ug/l 99
26) Cyclohexane	5.58	56	71915	20.665	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	52900	21.761	ug/l 99
30) 2-Butanone	4.67	43	205564	107.973	ug/l 100
31) 2,2-Dichloropropane	4.58	77	55552	20.728	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	57449	21.799	ug/l 97
33) Carbon Tetrachloride	5.79	117	47003	21.317	ug/l 97
34) Benzene	6.14	78	163063	21.757	ug/l 98
35) Methacrylonitrile	5.04	41	42747	21.461	ug/l 94
36) 1,2-Dichloroethane	6.20	62	58937	21.672	ug/l 99
37) Trichloroethene	7.21	130	38784	21.497	ug/l 97
38) Methylcyclohexane	7.46	83	65127	21.684	ug/l 100
39) 1,2-Dichloropropane	7.51	63	44957	21.064	ug/l 100
40) Dibromomethane	7.66	93	26736	22.071	ug/l 99

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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Quant Time: May 10 12:00:52 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)
41) Bromodichloromethane	7.90	83	51891	20.972	ug/l	100
42) Vinyl Acetate	3.81	43	689186	109.681	ug/l	99
43) Ethyl Acetate	4.83	43	73390	21.333	ug/l	97
44) Isopropyl Acetate	6.44	43	116969	20.988	ug/l	99
45) 1,4-Dioxane	7.74	88	23180	423.639	ug/l	98
46) Methyl methacrylate	7.77	41	58958	21.195	ug/l	99
47) n-amyl Acetate	10.90	43	100857	20.089	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	58529	20.273	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	66320	20.925	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	40197	21.659	ug/l	99
51) Ethyl methacrylate	9.18	69	70529	20.565	ug/l	99
52) 1,3-Dichloropropane	9.37	76	70633	21.444	ug/l	99
53) Dibromochloromethane	9.58	129	39065	21.136	ug/l	100
54) 1,2-Dibromoethane	9.67	107	41029	21.556	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	164486	90.004	ug/l	100
56) Bromoform	10.85	173	28944	20.400	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	386990	106.843	ug/l	100
59) 2-Hexanone	9.49	43	301777	106.224	ug/l	100
61) Tetrachloroethene	9.34	164	34692	21.364	ug/l	99
62) Toluene	8.78	91	171975	21.848	ug/l	98
64) Chlorobenzene	10.13	112	101564	21.439	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	37499	21.619	ug/l	96
66) Ethyl Benzene	10.25	91	188798	21.531	ug/l	99
67) m/p-Xylenes	10.36	106	139748	43.650	ug/l	98
68) o-Xylene	10.69	106	68352	21.712	ug/l	98
69) Styrene	10.71	104	115476	20.896	ug/l	98
70) Isopropylbenzene	11.02	105	181808	21.474	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	66281	21.377	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	78083	29.223	ug/l	82
73) Bromobenzene	11.25	156	44916	21.472	ug/l	99
74) n-propylbenzene	11.36	91	207792	21.180	ug/l	99
75) 2-Chlorotoluene	11.42	91	125519	21.330	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	152220	21.226	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	21309	19.771	ug/l	98
78) 4-Chlorotoluene	11.51	91	141091	21.110	ug/l	99
79) tert-butylbenzene	11.77	119	148059	21.356	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	151670	21.101	ug/l	100
81) sec-Butylbenzene	11.94	105	174431	21.177	ug/l	99
82) p-Isopropyltoluene	12.06	119	158498	21.154	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	77742	20.811	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	76521	20.560	ug/l	99
85) n-Butylbenzene	12.38	91	140690	20.521	ug/l	98
86) Hexachloroethane	12.59	117	25132	19.712	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	78975	21.002	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14805	20.548	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	54418	20.303	ug/l	98
90) Hexachlorobutadiene	13.78	225	28815	21.523	ug/l	98
91) Naphthalene	13.83	128	182931	20.846	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	56914	20.890	ug/l	98

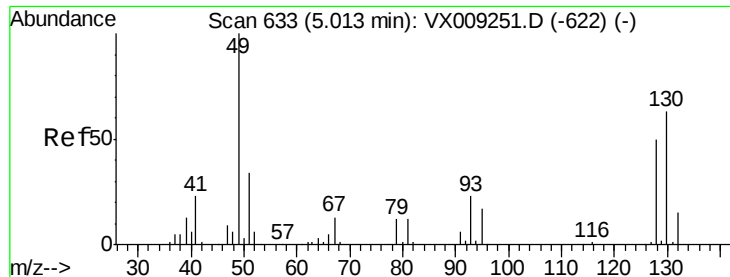
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

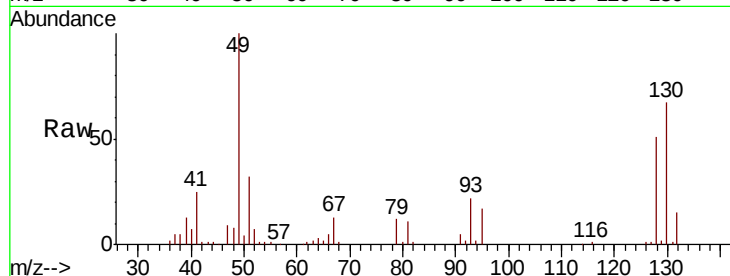
Tgt Ion:128 Resp: 29838

Ion Ratio Lower Upper

128 100

49 195.8 0.0 515.0

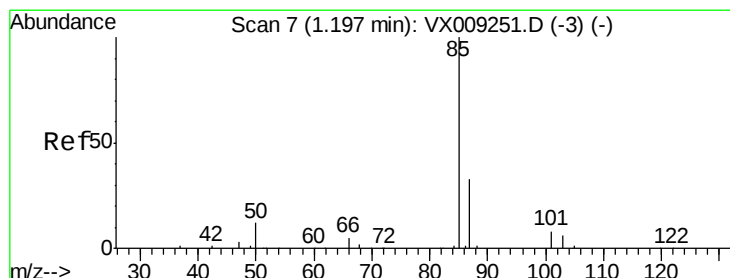
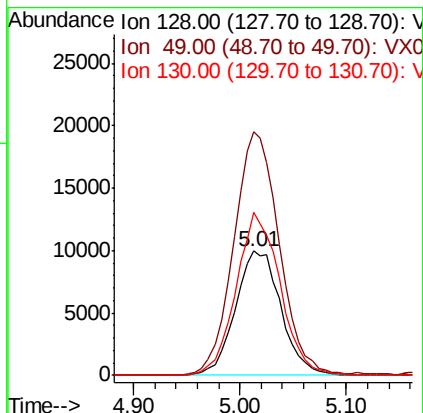
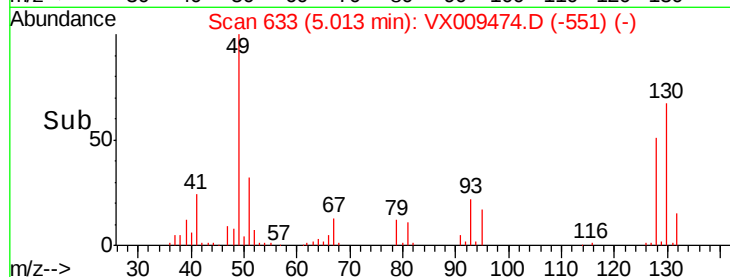
130 127.0 0.0 323.3



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: 18.298 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009474.D

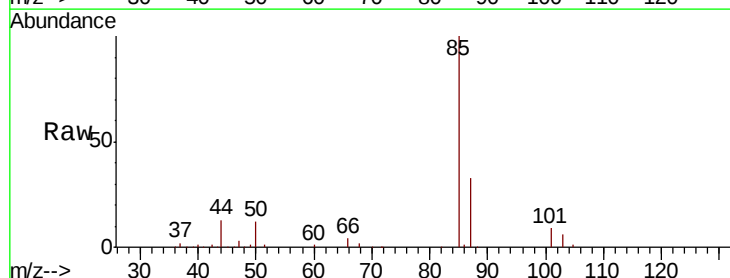
Acq: 10 May 2019 11:41

Tgt Ion: 85 Resp: 29012

Ion Ratio Lower Upper

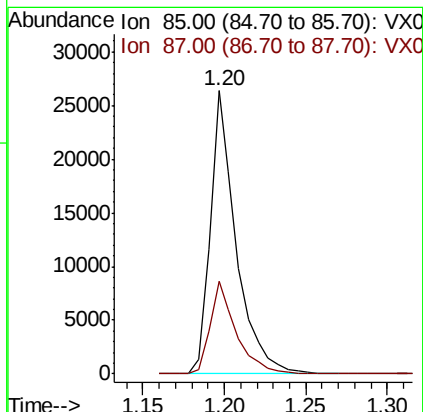
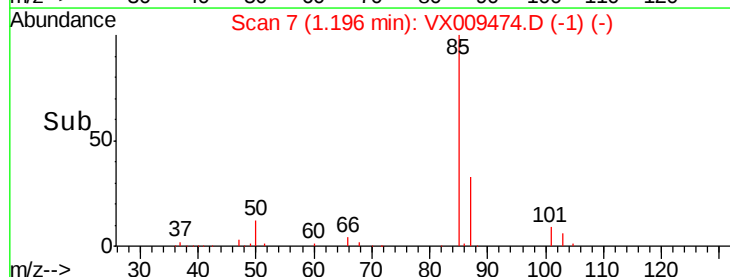
85 100

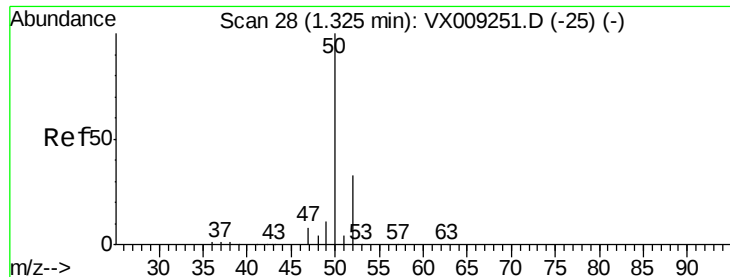
87 32.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.803 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

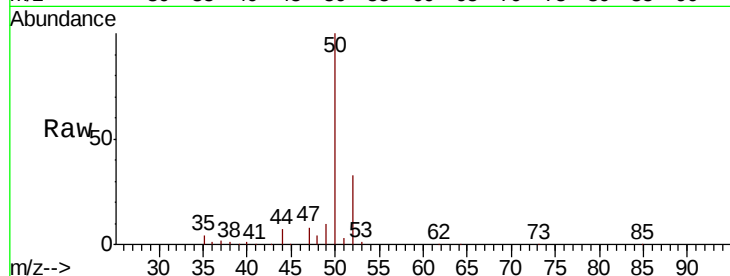
VX0510WBS01

Tgt Ion: 50 Resp: 44333

Ion Ratio Lower Upper

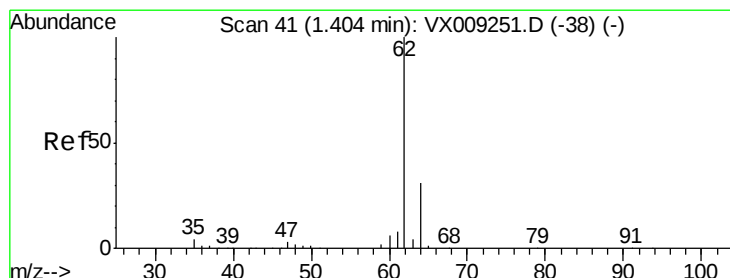
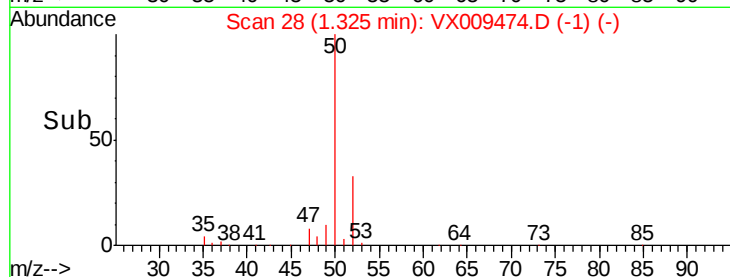
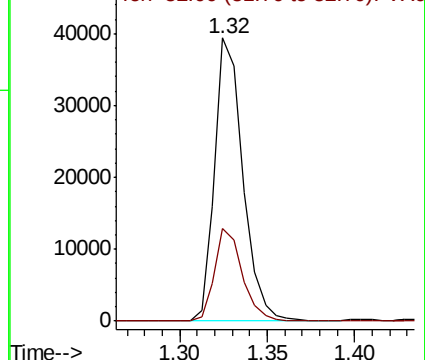
50 100

52 32.7 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: 20.060 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009474.D

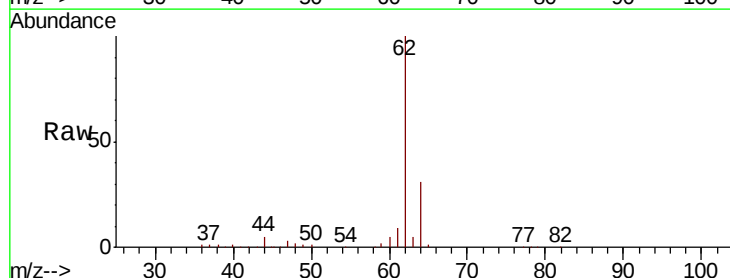
Acq: 10 May 2019 11:41

Tgt Ion: 62 Resp: 42648

Ion Ratio Lower Upper

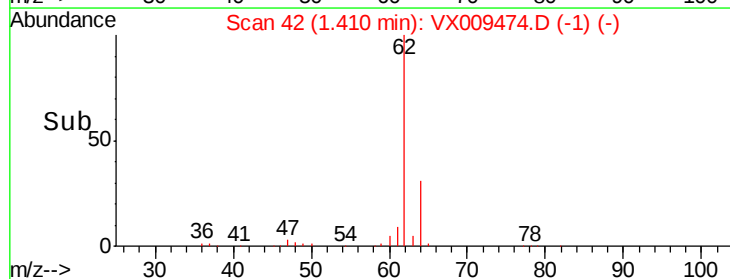
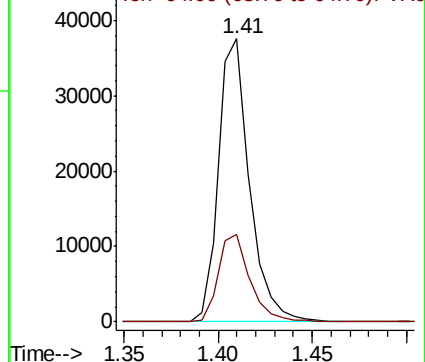
62 100

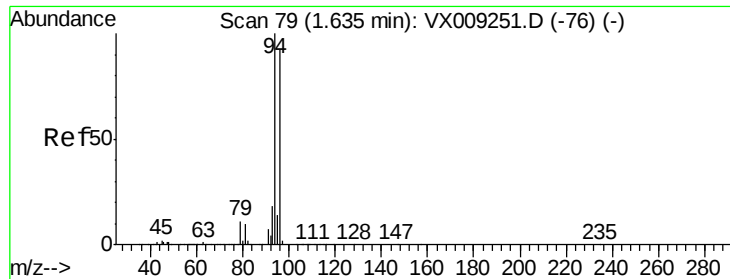
64 30.8 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.234 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

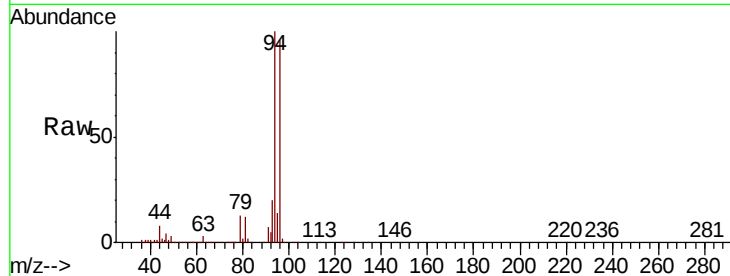
VX0510WBS01

Tgt Ion: 94 Resp: 24573

Ion Ratio Lower Upper

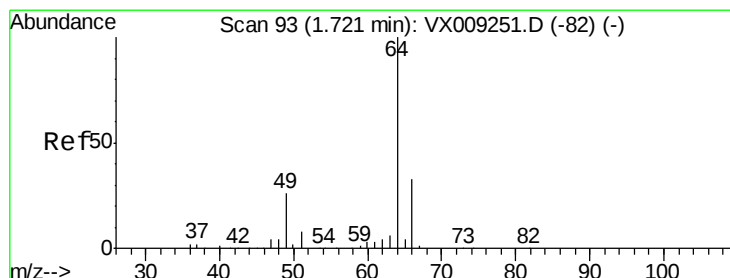
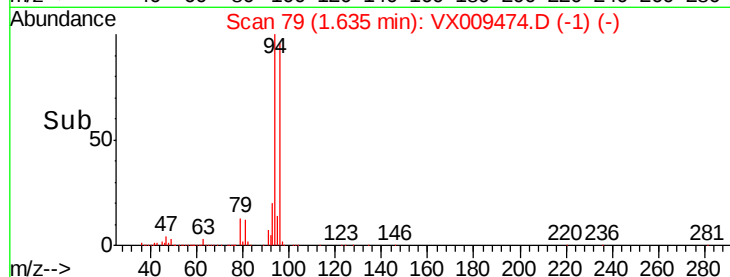
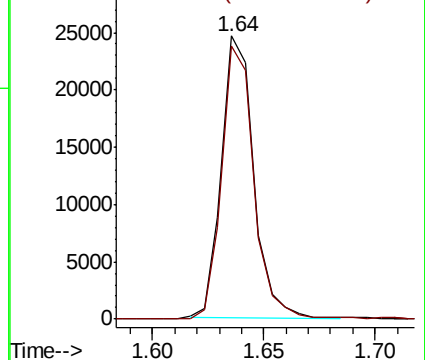
94 100

96 96.6 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: 19.850 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009474.D

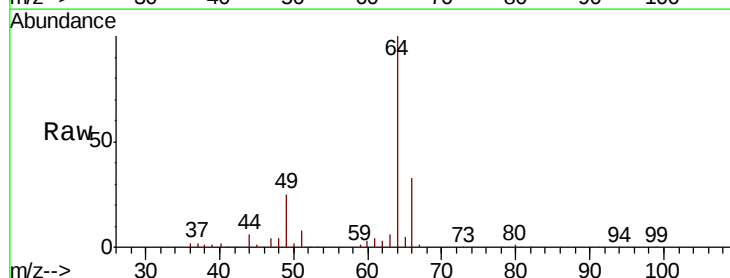
Acq: 10 May 2019 11:41

Tgt Ion: 64 Resp: 27676

Ion Ratio Lower Upper

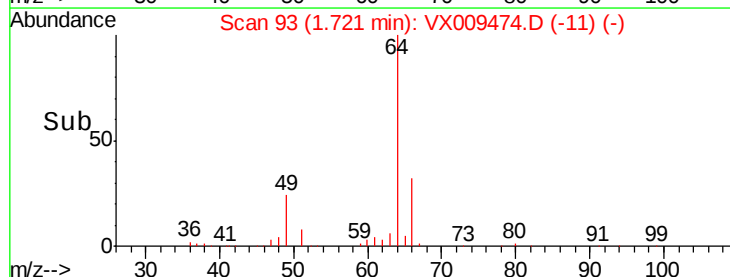
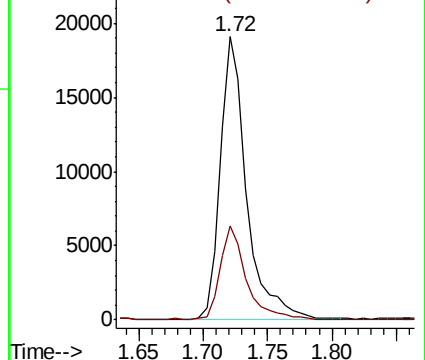
64 100

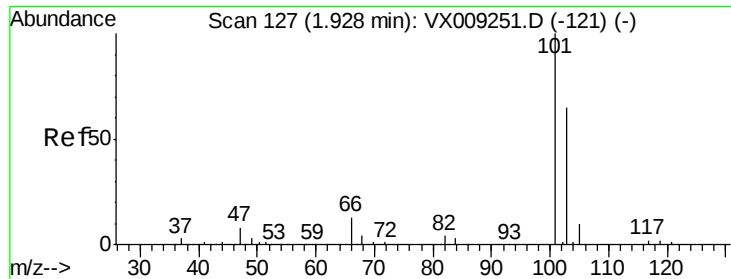
66 33.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



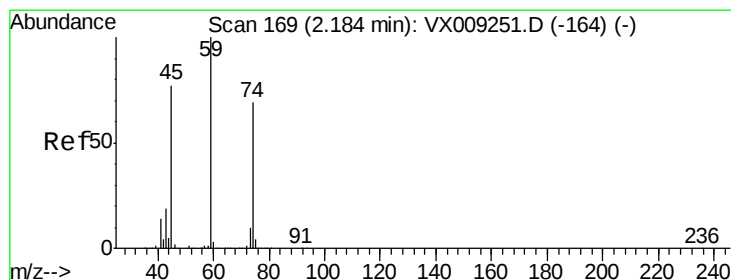
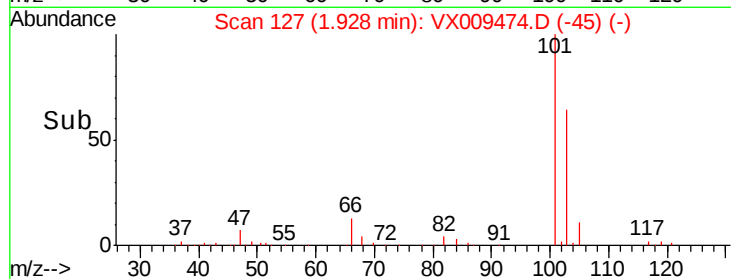
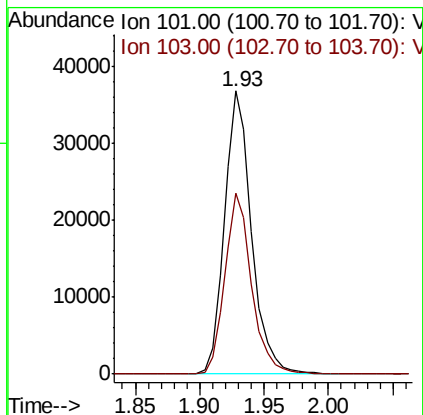
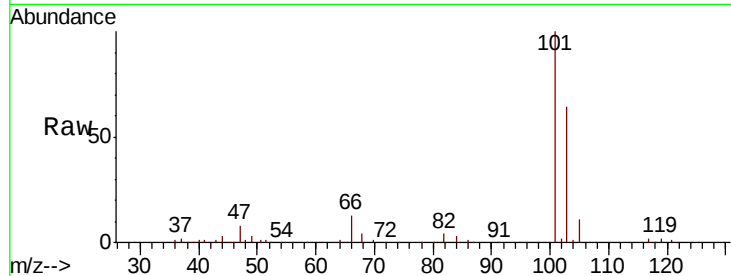


#7

Trichlorofluoromethane
 Concen: 20.647 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

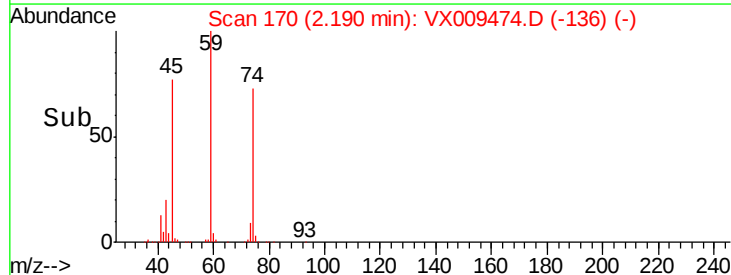
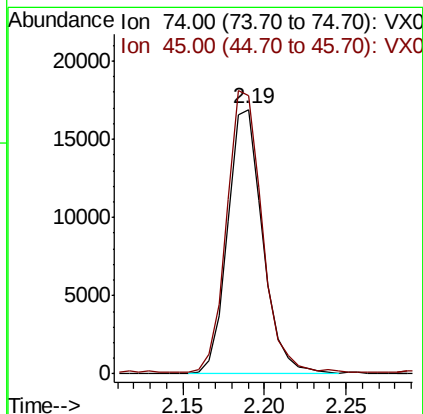
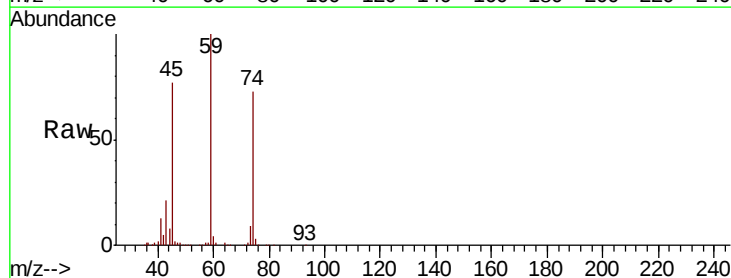
Tgt Ion:101 Resp: 54205
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9

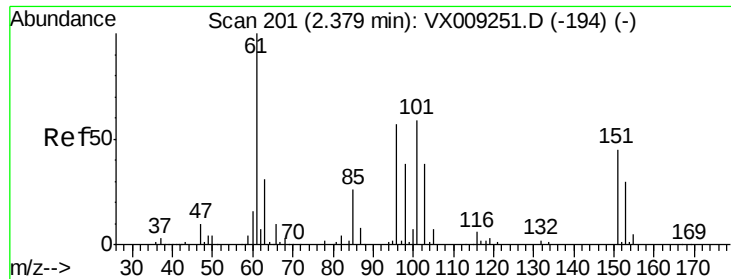


#8

Diethyl Ether
 Concen: 20.724 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 74 Resp: 25263
 Ion Ratio Lower Upper
 74 100
 45 107.6 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.126 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

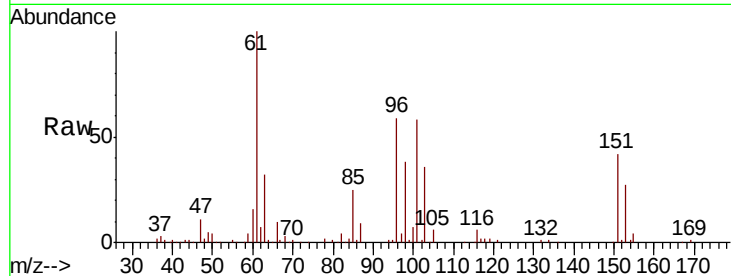
Tgt Ion: 101 Resp: 32712

Ion Ratio Lower Upper

101 100

85 45.1 0.0 87.4

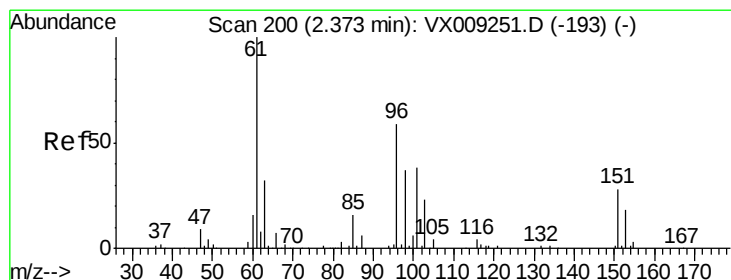
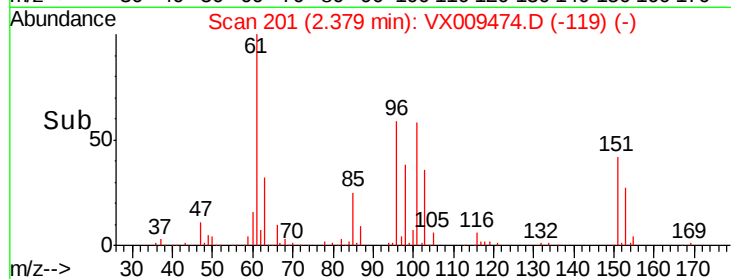
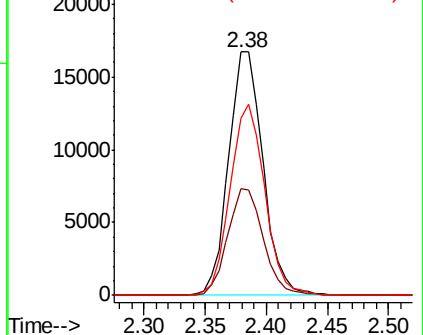
151 78.8 0.0 157.0



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: 20.515 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

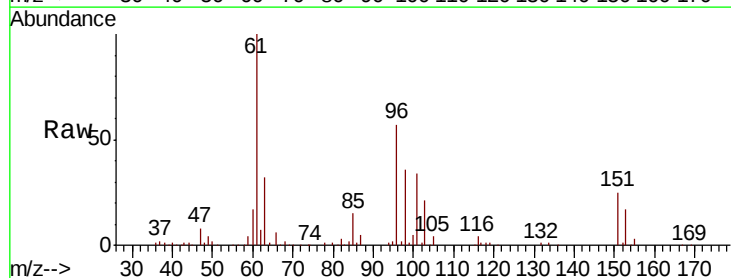
Tgt Ion: 96 Resp: 33481

Ion Ratio Lower Upper

96 100

61 175.6 136.5 204.7

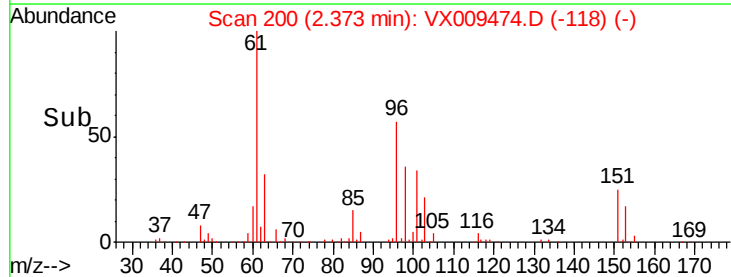
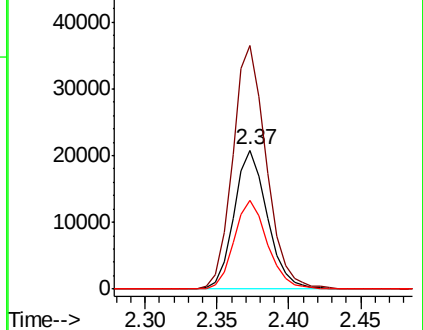
98 63.9 51.0 76.4

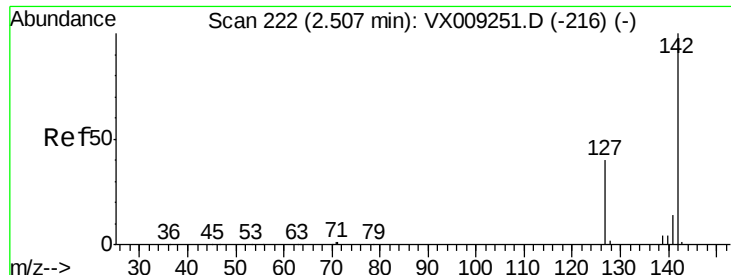


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

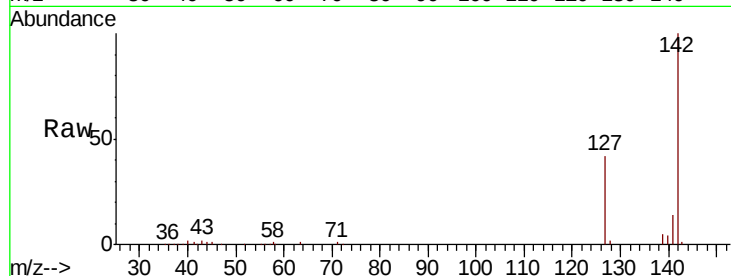




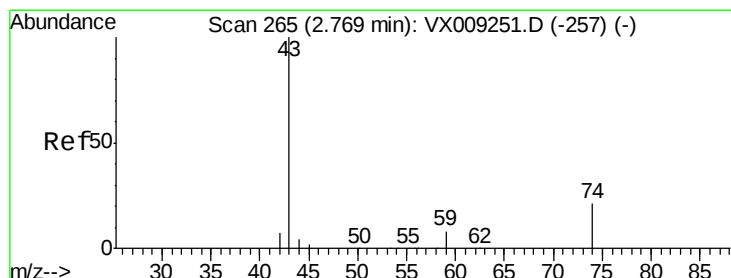
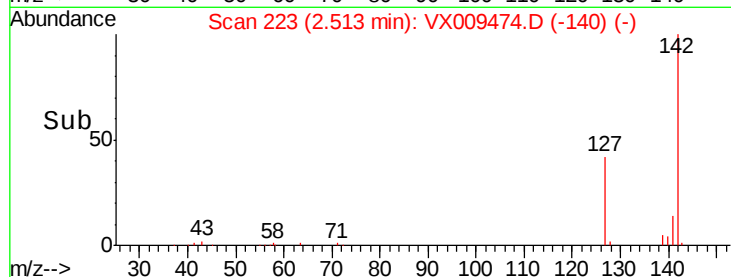
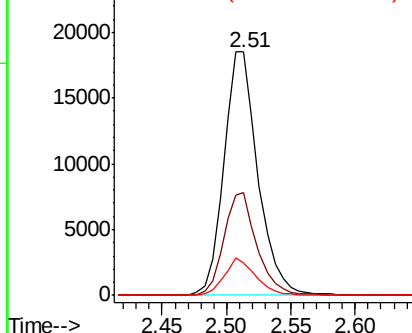
#11
Methyl Iodide
Concen: 19.262 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion: 142 Resp: 34174
Ion Ratio Lower Upper
142 100
127 42.3 20.2 60.5
141 13.5 6.9 20.7

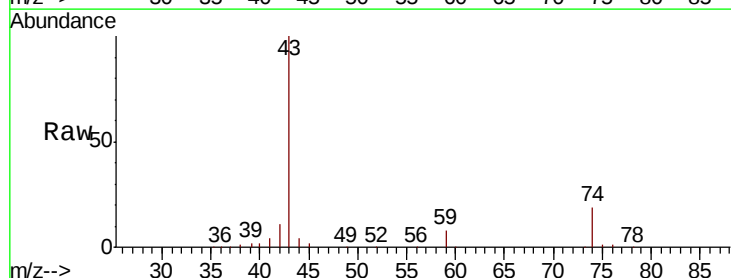


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

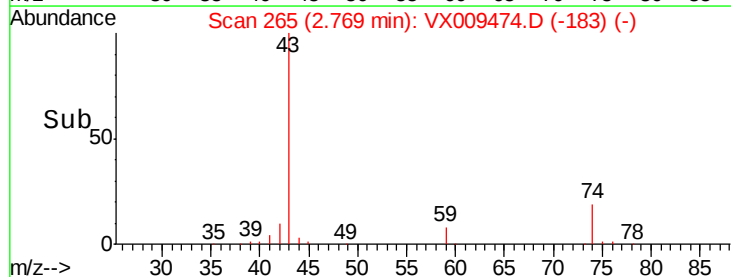
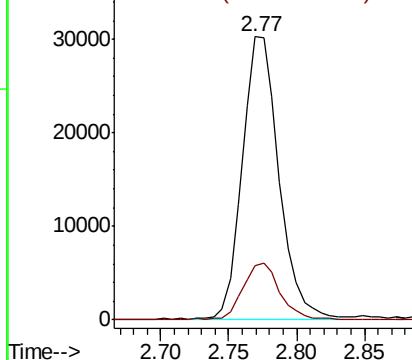


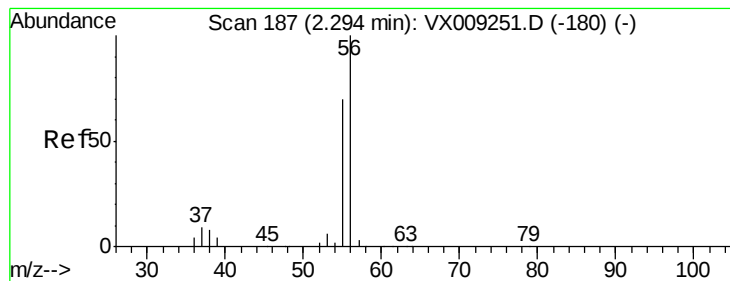
#12
Methyl Acetate
Concen: 18.498 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 43 Resp: 56863
Ion Ratio Lower Upper
43 100
74 19.2 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: 106.376 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

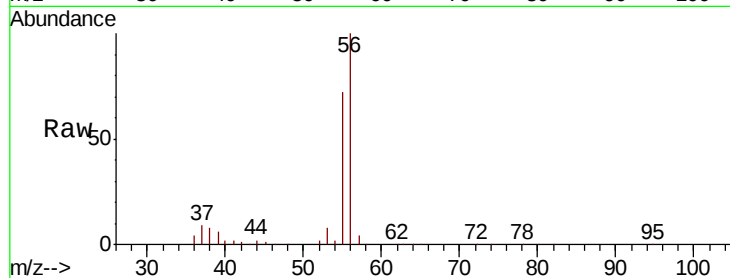
VX0510WBS01

Tgt Ion: 56 Resp: 44850

Ion Ratio Lower Upper

56 100

55 71.0 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

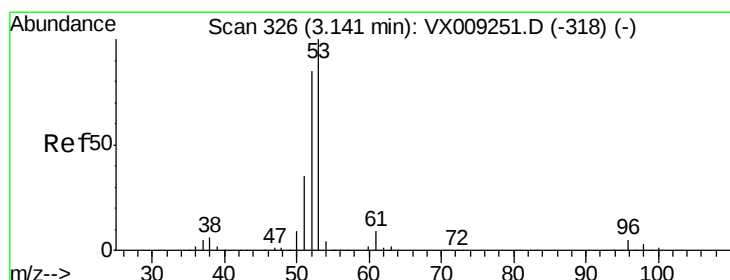
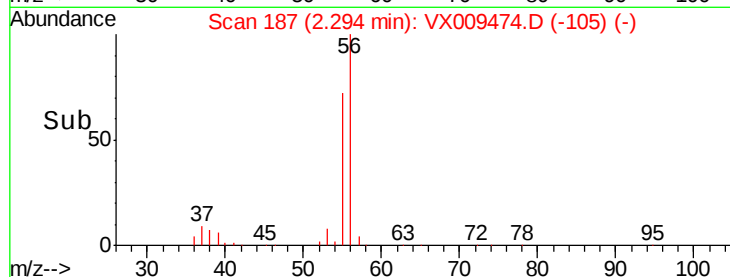
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 101.599 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

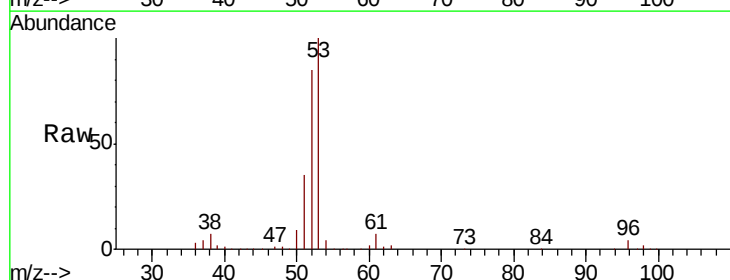
Tgt Ion: 53 Resp: 135540

Ion Ratio Lower Upper

53 100

52 83.4 41.5 124.5

51 36.0 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

3.14

80000

60000

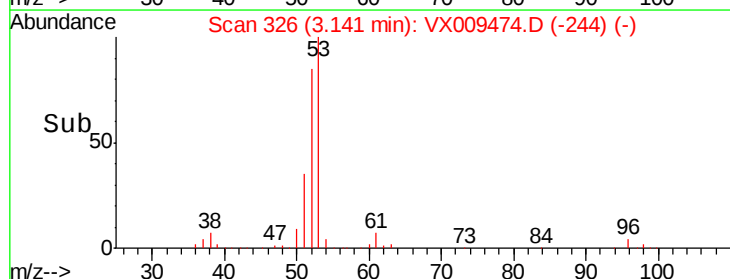
40000

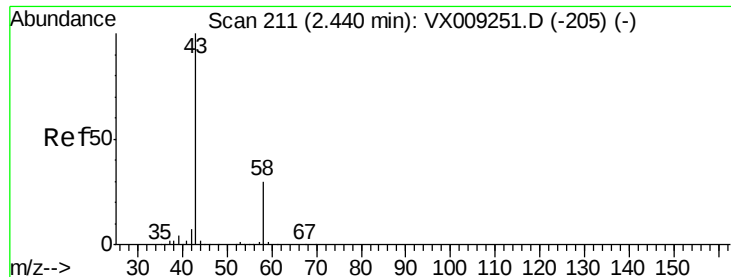
20000

0

Time-->

3.10 3.20





#15

Acetone

Concen: 105.029 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

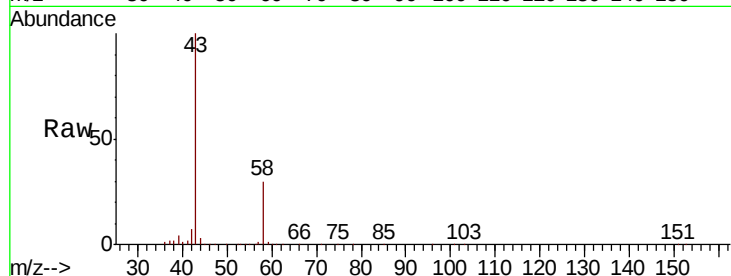
VX0510WBS01

Tgt Ion: 58 Resp: 40229

Ion Ratio Lower Upper

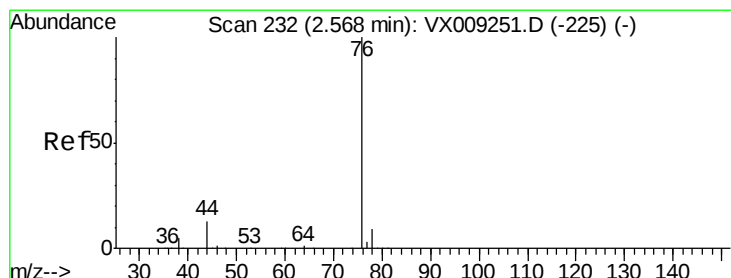
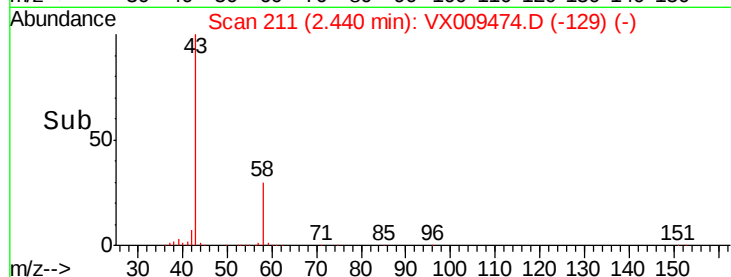
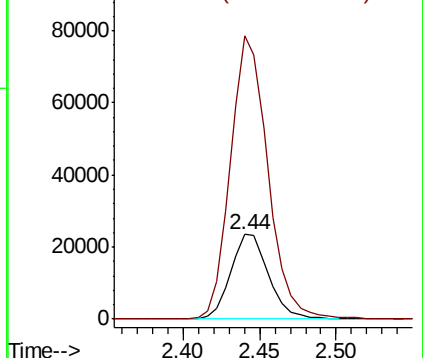
58 100

43 333.2 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 21.152 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009474.D

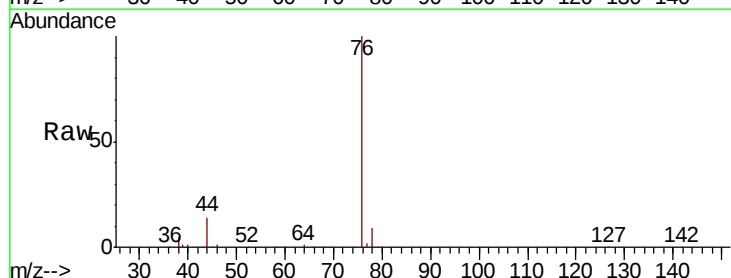
Acq: 10 May 2019 11:41

Tgt Ion: 76 Resp: 93404

Ion Ratio Lower Upper

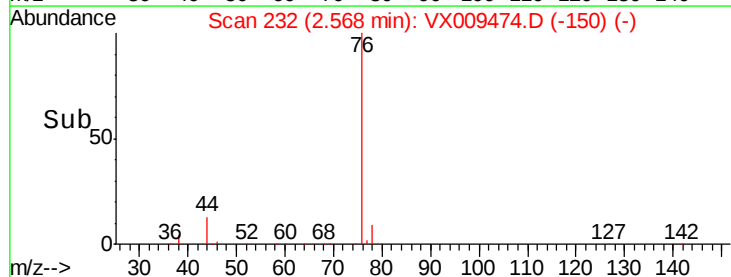
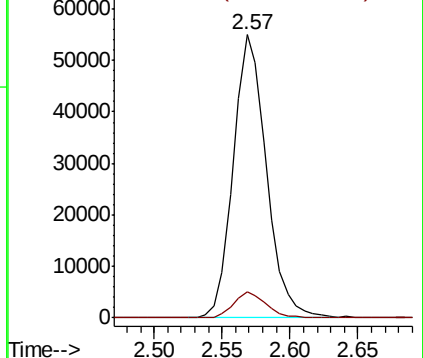
76 100

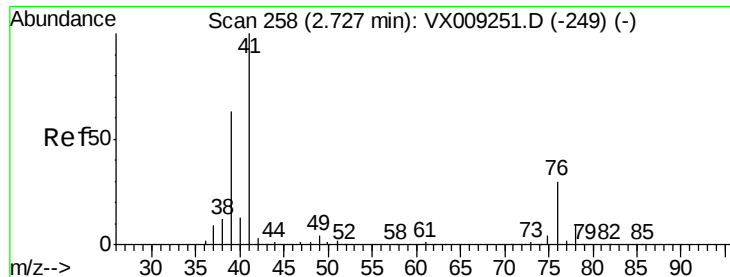
78 9.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

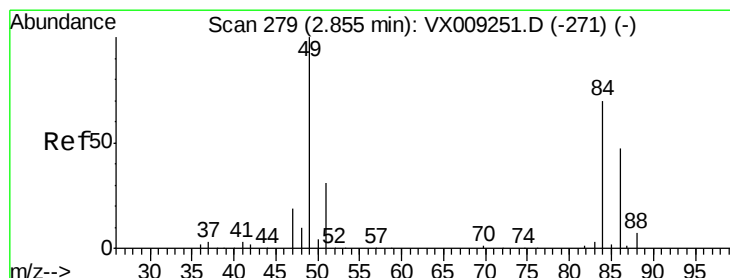
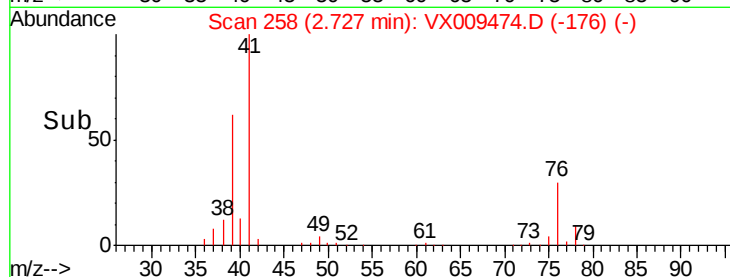
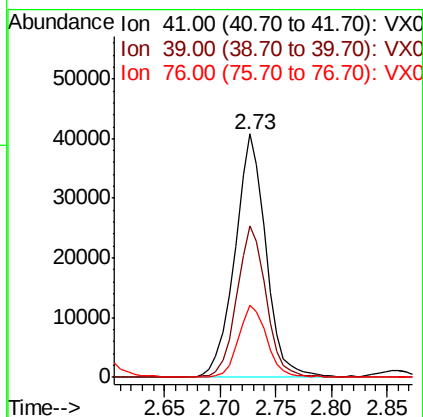
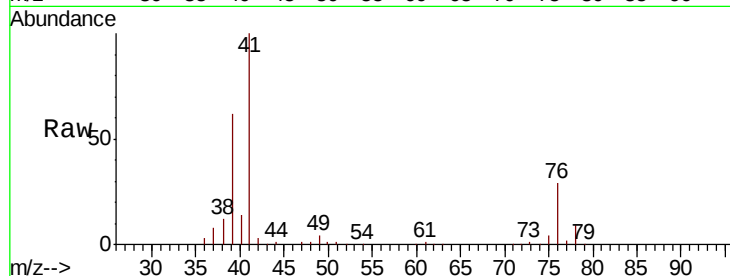




#17
 Allyl chloride
 Concen: 19.842 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

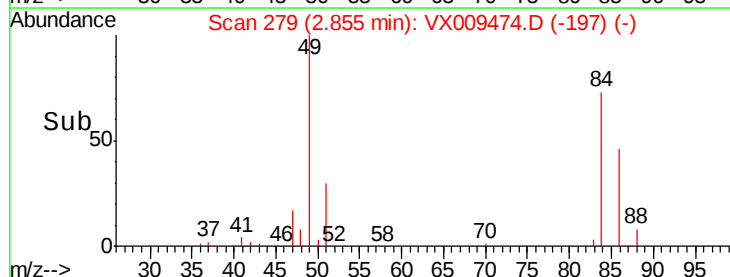
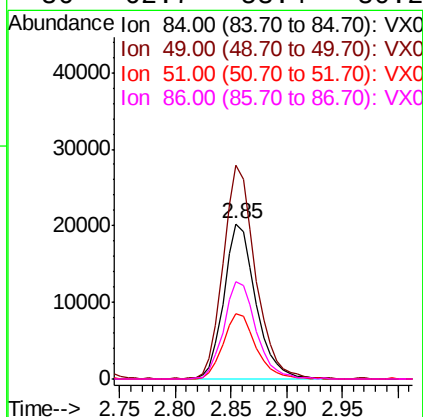
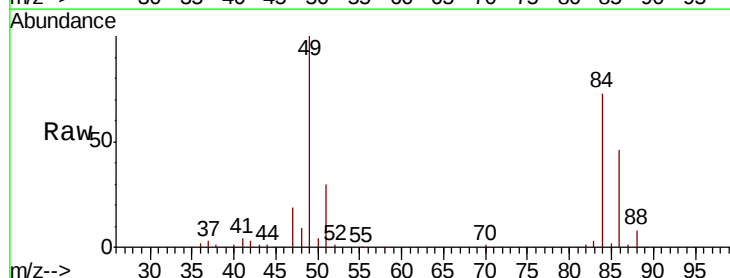
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0510WBS01

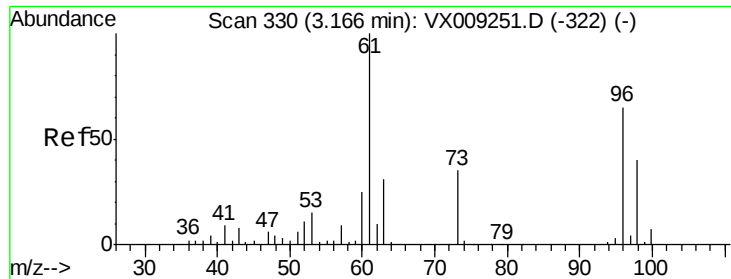
Tgt Ion: 41 Resp: 77743
 Ion Ratio Lower Upper
 41 100
 39 62.2 31.6 94.7
 76 29.5 15.1 45.3



#18
 Methylene Chloride
 Concen: 20.432 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 84 Resp: 40300
 Ion Ratio Lower Upper
 84 100
 49 137.2 114.6 171.8
 51 41.9 35.5 53.3
 86 62.7 53.4 80.2





#19

trans-1,2-Dichloroethene

Concen: 20.618 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

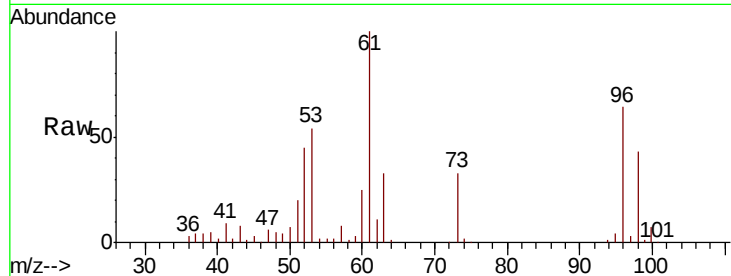
Tgt Ion: 96 Resp: 35878

Ion Ratio Lower Upper

96 100

61 157.1 122.7 184.1

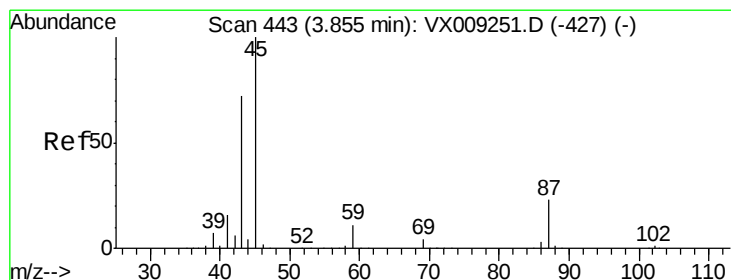
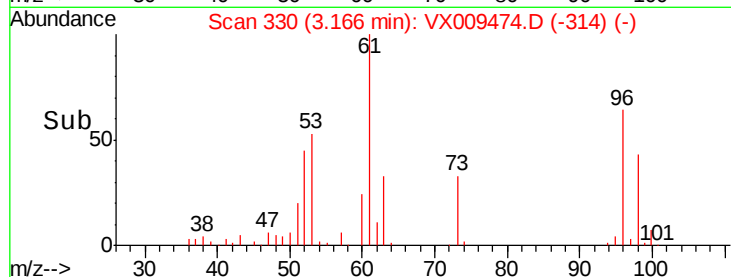
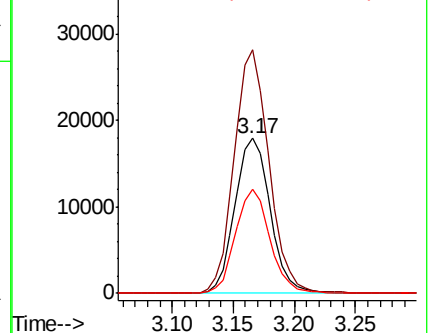
98 67.2 49.5 74.3



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: 20.215 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Tgt Ion: 45 Resp: 155976

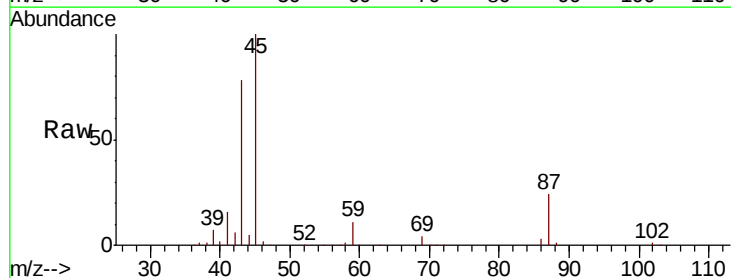
Ion Ratio Lower Upper

45 100

43 77.1 57.7 86.5

87 23.8 18.5 27.7

59 10.8 8.8 13.2

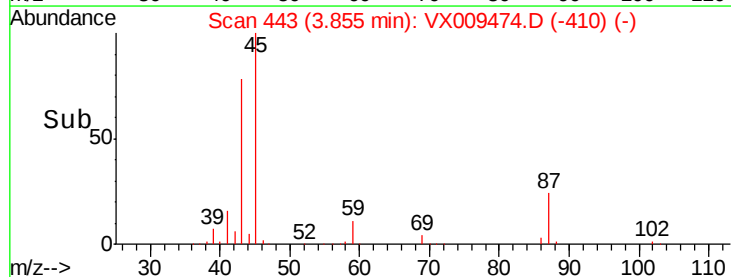
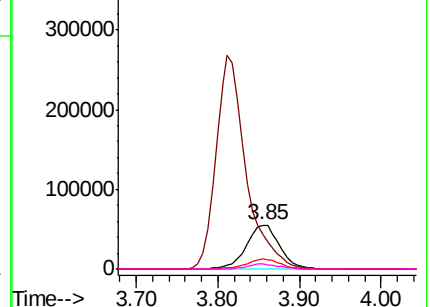


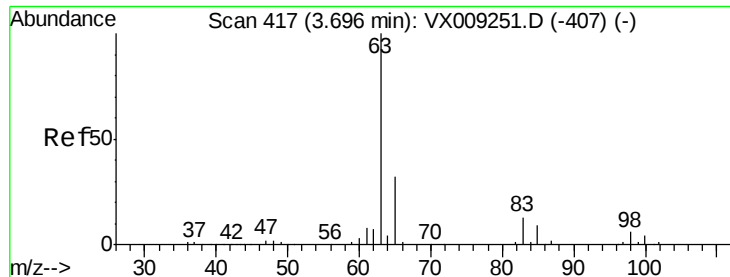
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 20.078 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

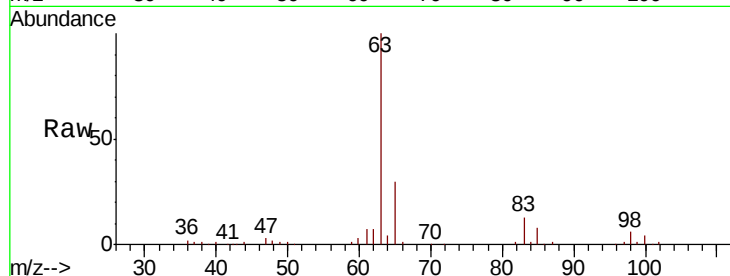
Tgt Ion: 63 Resp: 74972

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

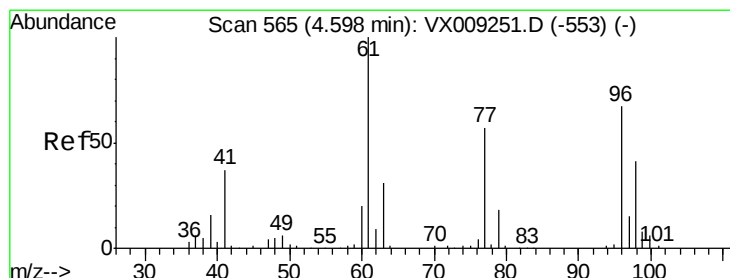
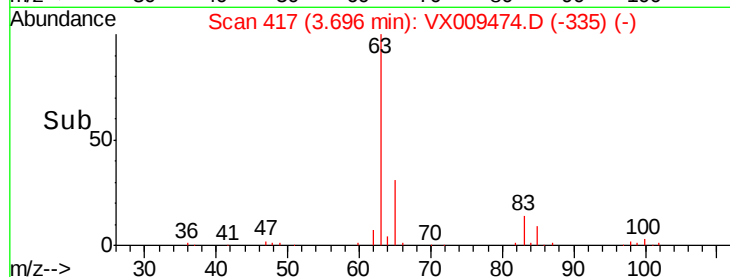
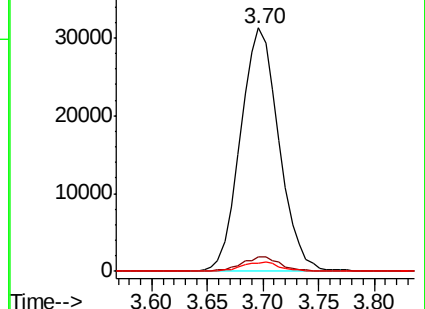
100 3.5 2.2 6.6



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: 20.256 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

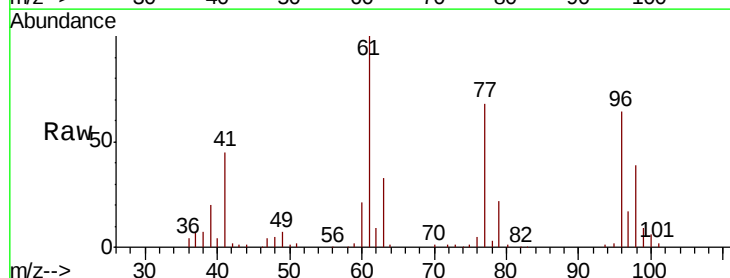
Tgt Ion: 96 Resp: 42458

Ion Ratio Lower Upper

96 100

61 160.4 127.7 191.5

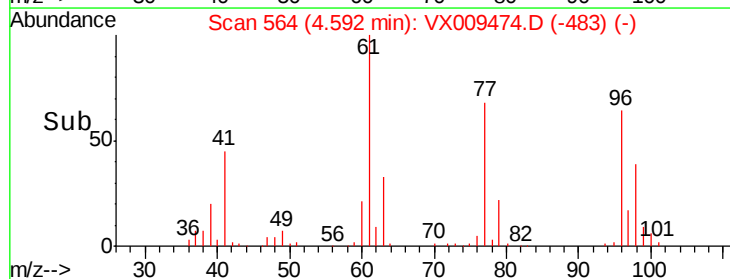
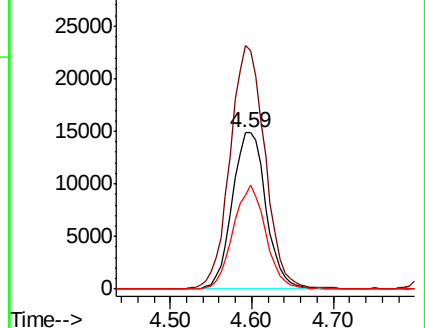
98 64.0 50.5 75.7

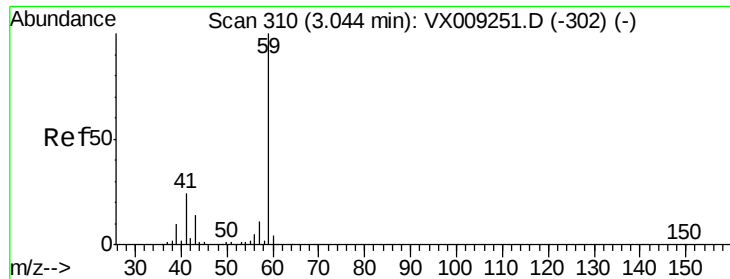


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

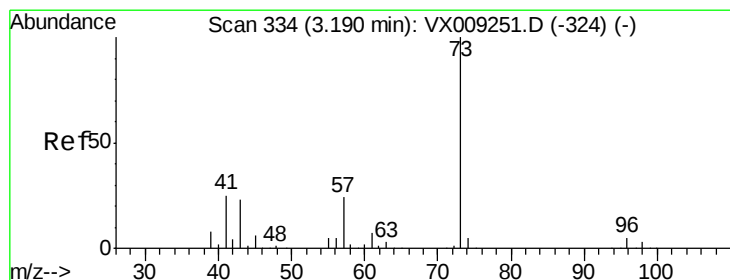
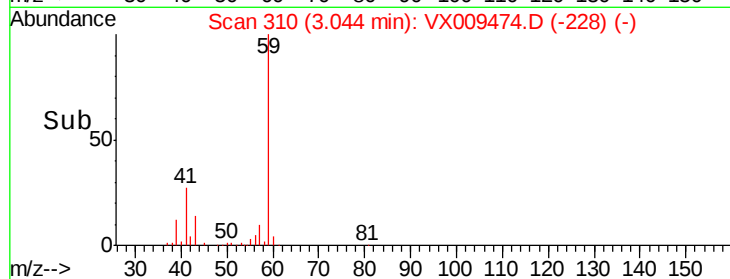
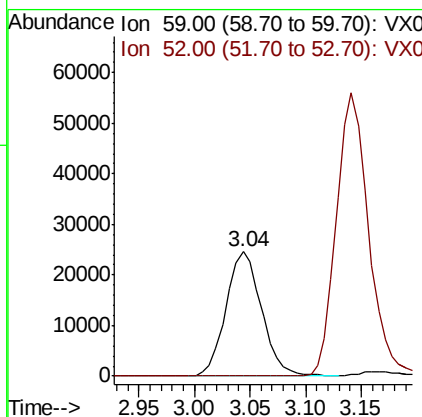
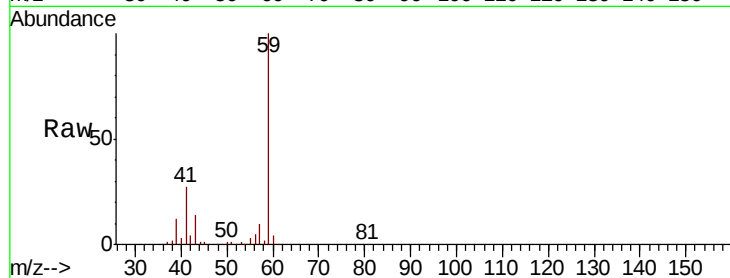




#23
 tert-Butyl Alcohol
 Concen: 97.195 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

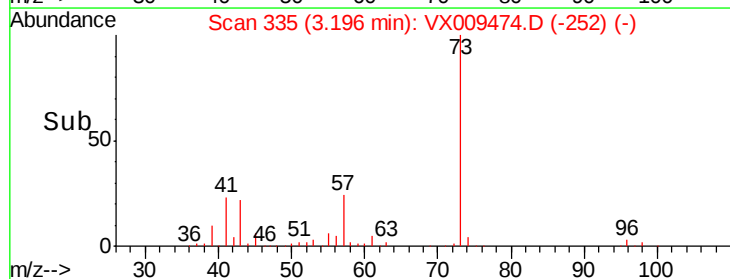
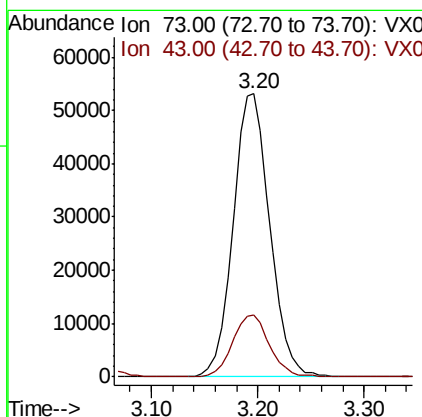
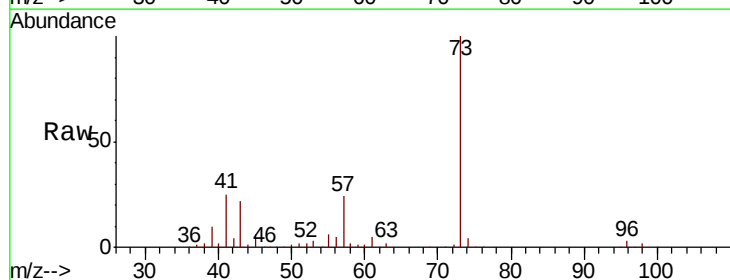
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

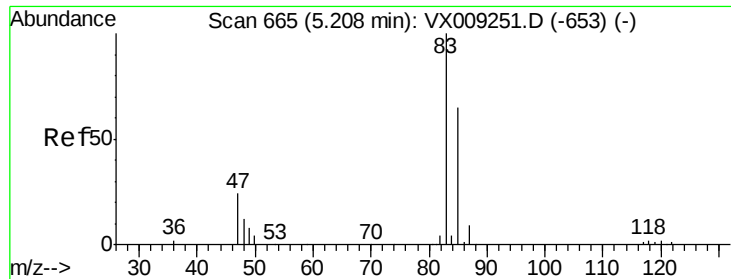
Tgt Ion: 59 Resp: 54828
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 20.018 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 73 Resp: 127855
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.6 26.4

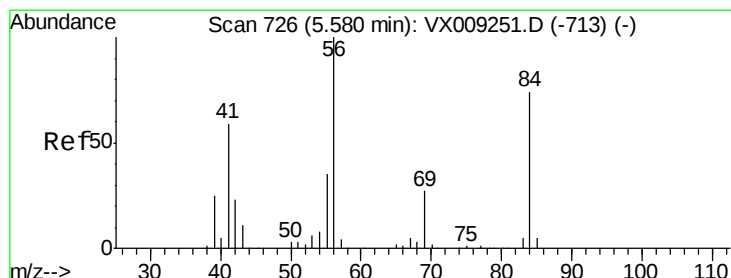
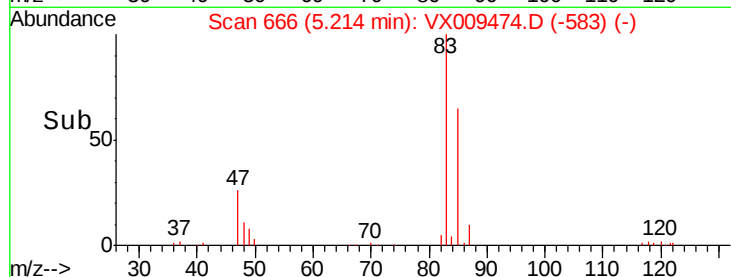
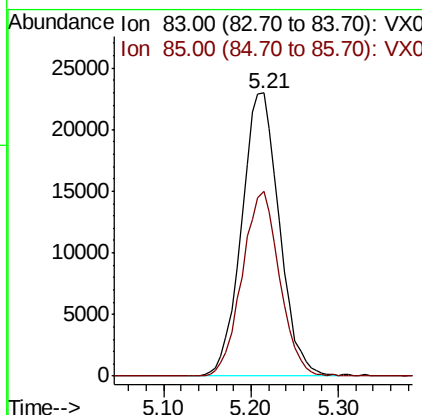
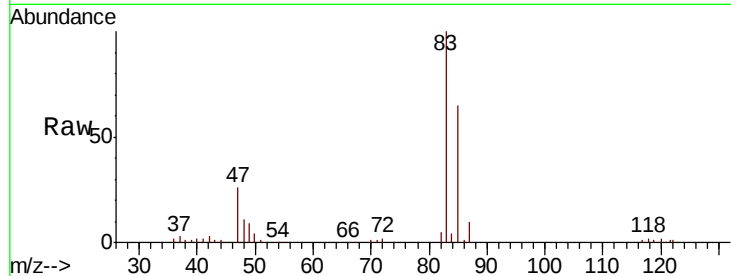




#25
Chloroform
Concen: 20.261 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

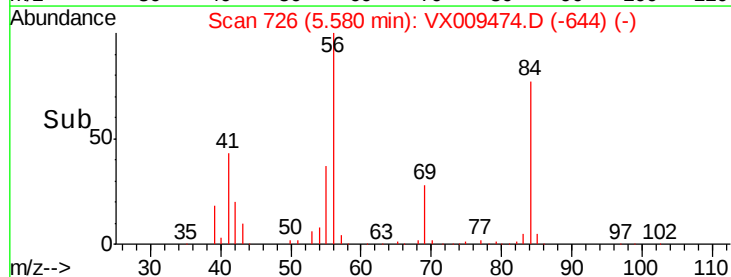
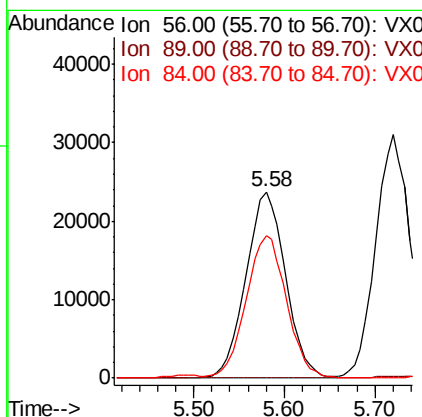
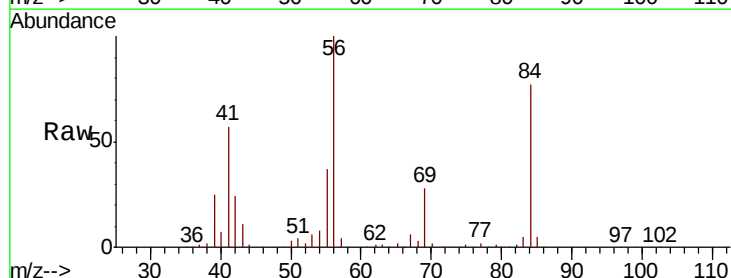
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

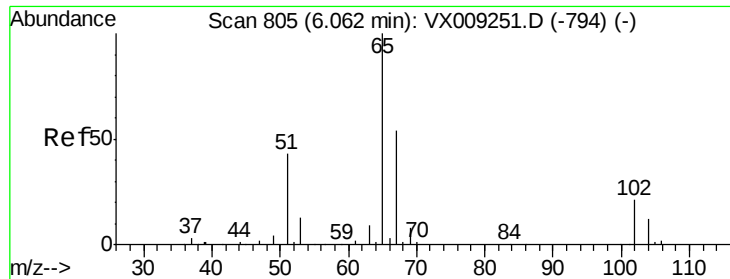
Tgt Ion: 83 Resp: 69040
Ion Ratio Lower Upper
83 100
85 65.5 51.9 77.9



#26
Cyclohexane
Concen: 20.665 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 56 Resp: 71915
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.6 59.7 89.5

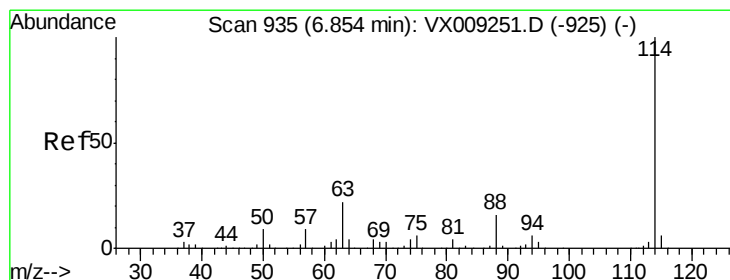
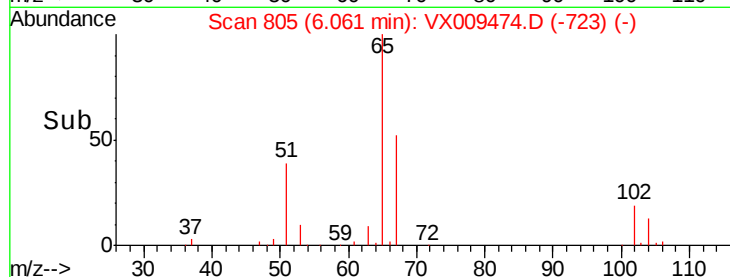
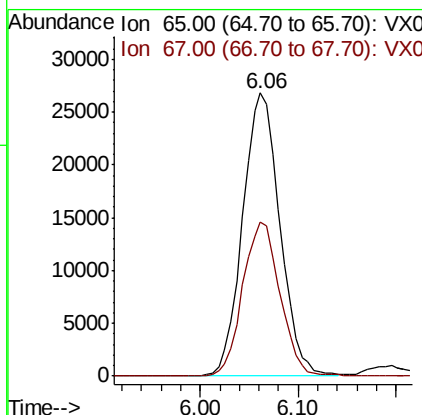
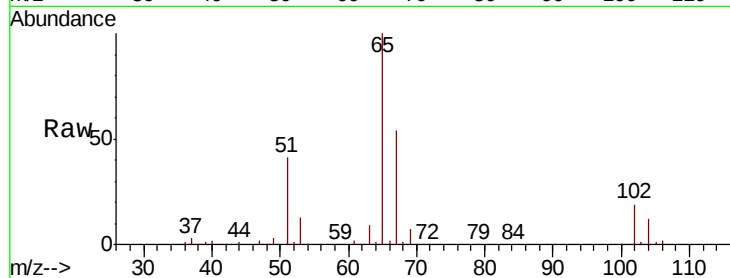




#27
 1,2-Dichloroethane-d4
 Concen: 28.618 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

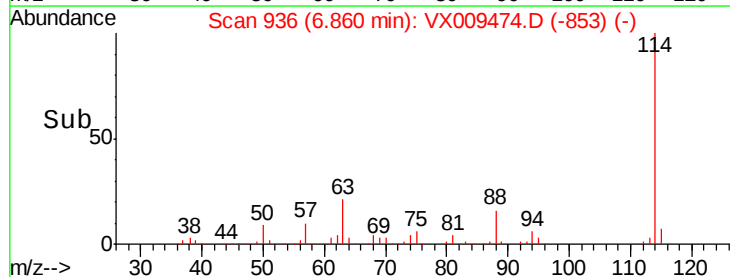
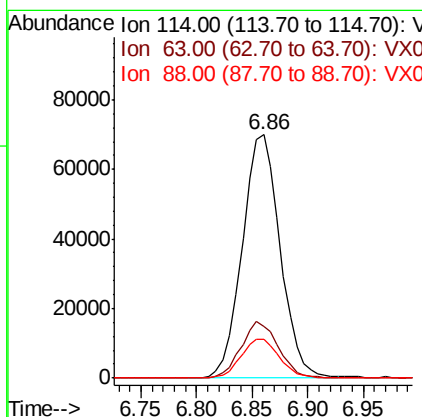
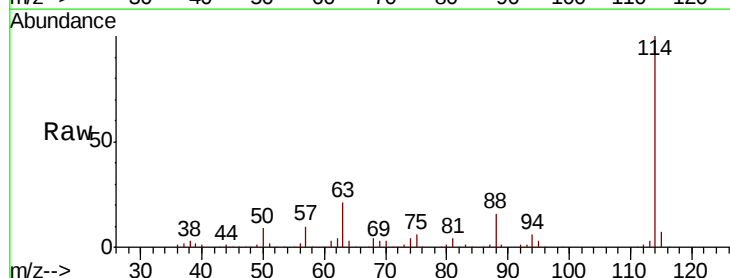
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

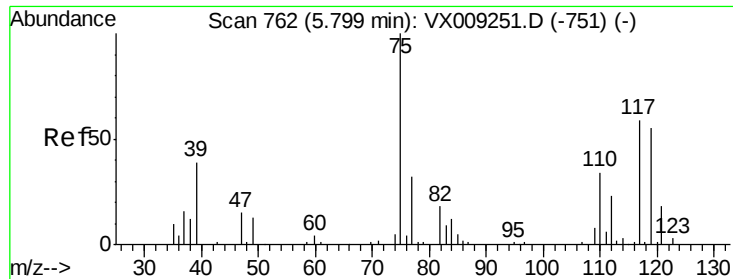
Tgt Ion: 65 Resp: 70834
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 114 Resp: 165676
 Ion Ratio Lower Upper
 114 100
 63 22.8 18.0 27.0
 88 16.3 13.4 20.0





#29

1,1-Dichloropropene

Concen: 21.761 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

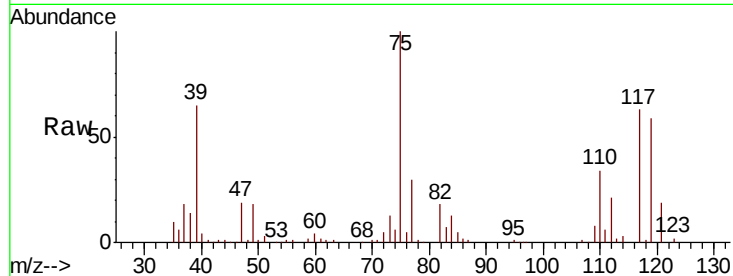
Tgt Ion: 75 Resp: 52900

Ion Ratio Lower Upper

75 100

110 34.1 0.0 66.4

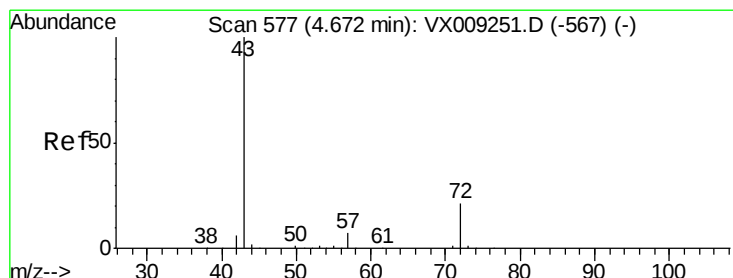
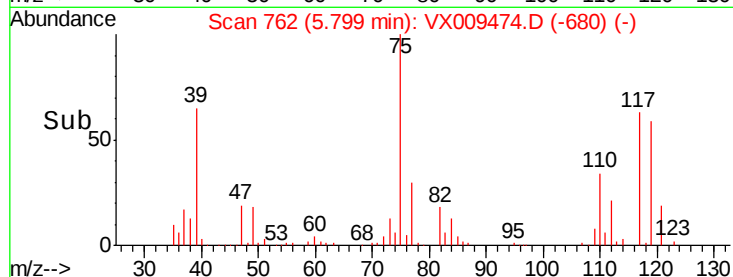
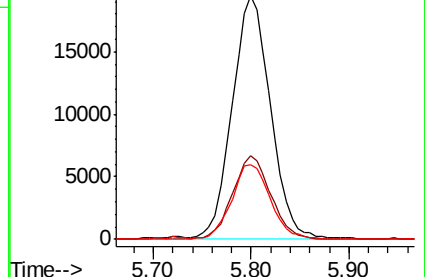
77 31.2 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 107.973 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

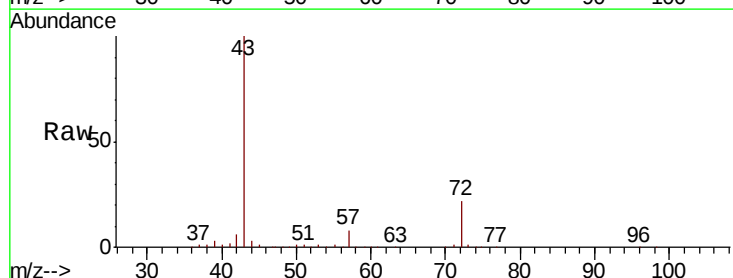
Tgt Ion: 43 Resp: 205564

Ion Ratio Lower Upper

43 100

57 7.6 6.0 9.0

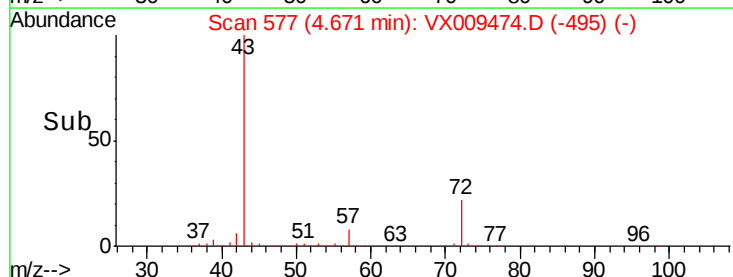
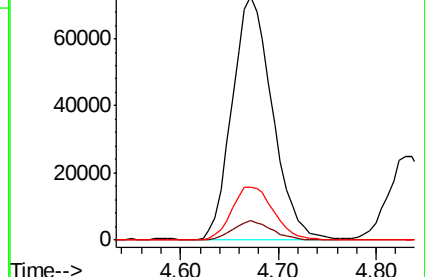
72 22.8 18.2 27.4

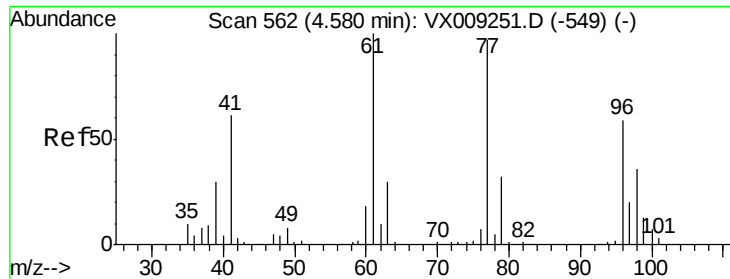


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 20.728 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

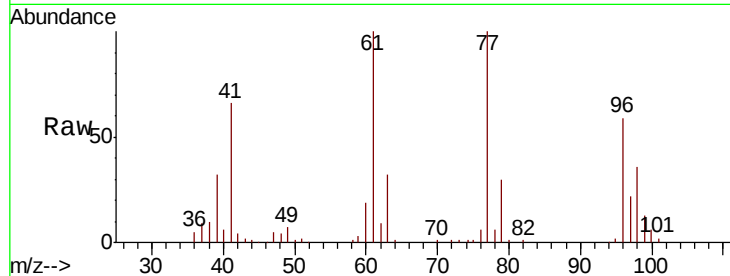
VX0510WBS01

Tgt Ion: 77 Resp: 55552

Ion Ratio Lower Upper

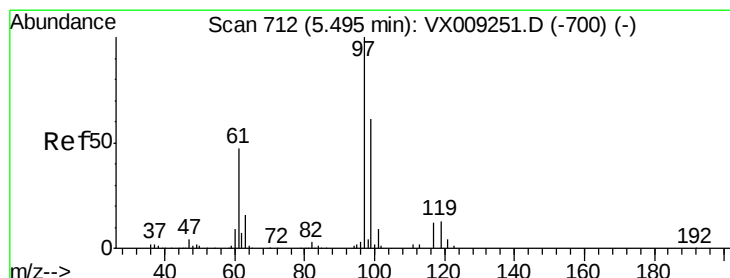
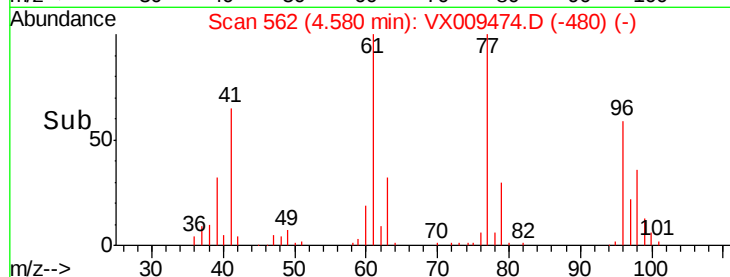
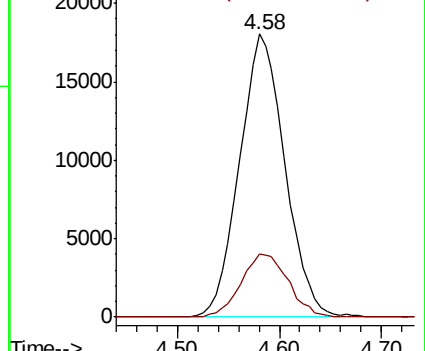
77 100

97 23.3 18.3 27.5



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.799 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

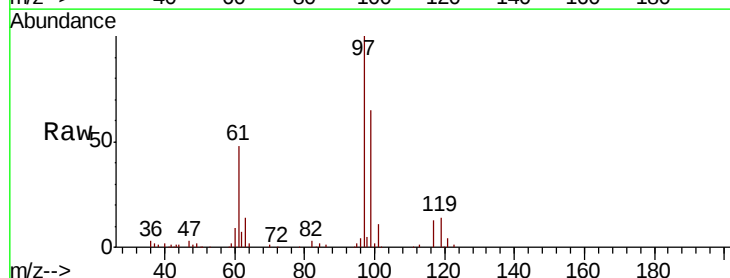
Tgt Ion: 97 Resp: 57449

Ion Ratio Lower Upper

97 100

99 63.0 53.9 80.9

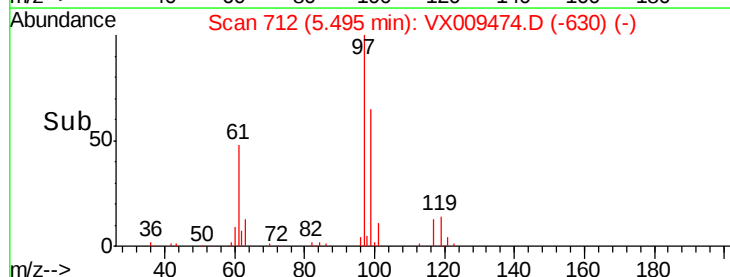
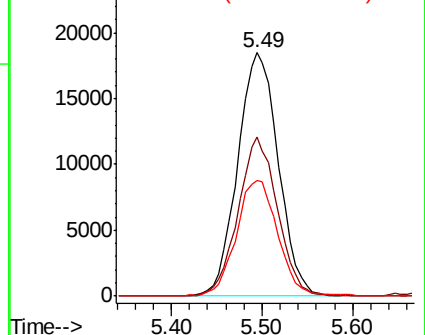
61 48.3 38.6 58.0

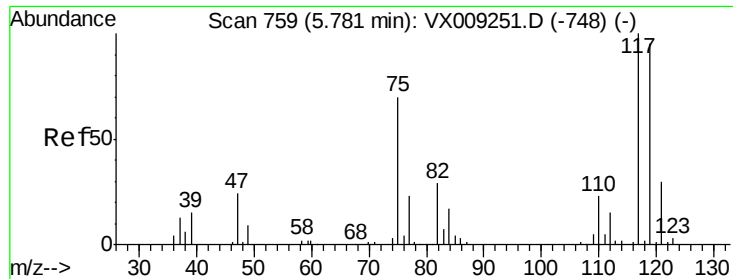


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 21.317 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

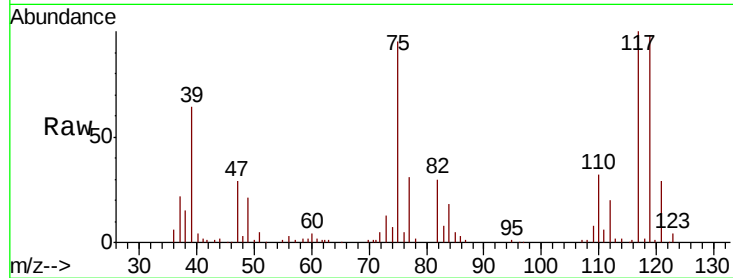
Tgt Ion:117 Resp: 47003

Ion Ratio Lower Upper

117 100

119 98.1 76.1 114.1

121 29.0 24.4 36.6

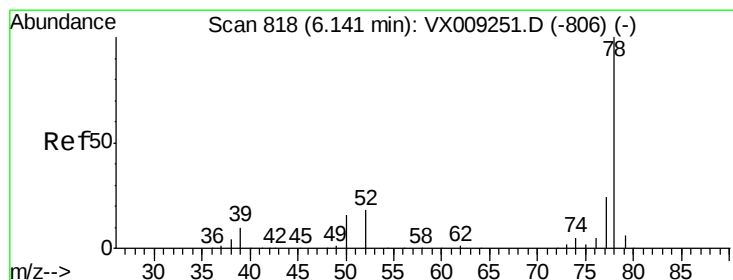
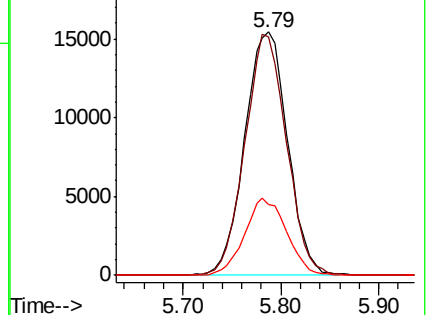
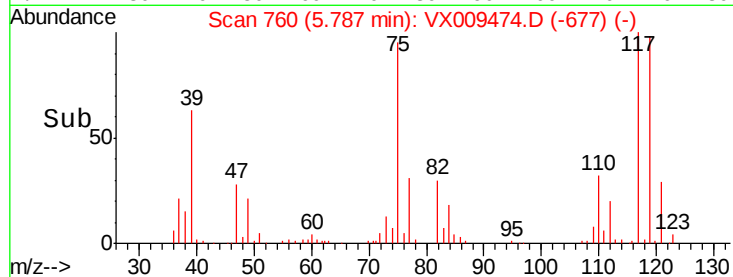


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.757 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

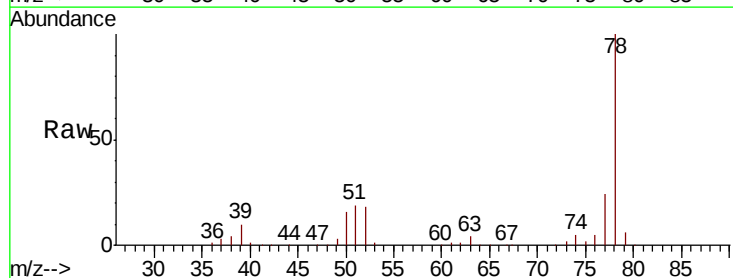
Tgt Ion: 78 Resp: 163063

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

51 18.2 13.5 20.3

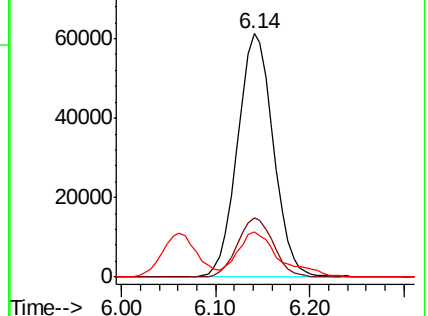
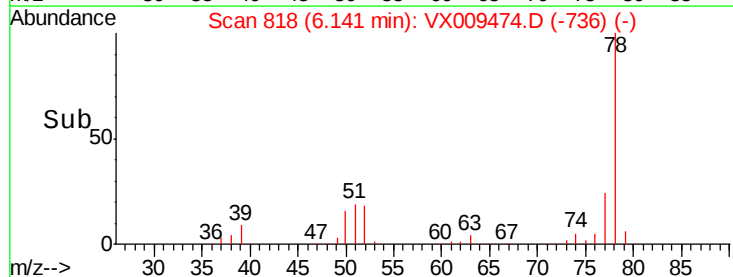


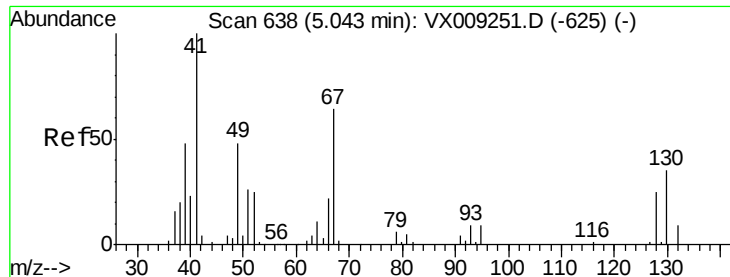
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

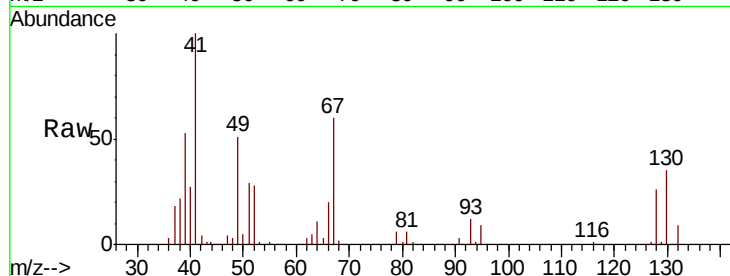




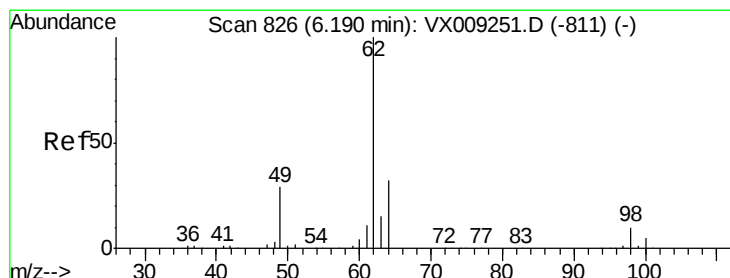
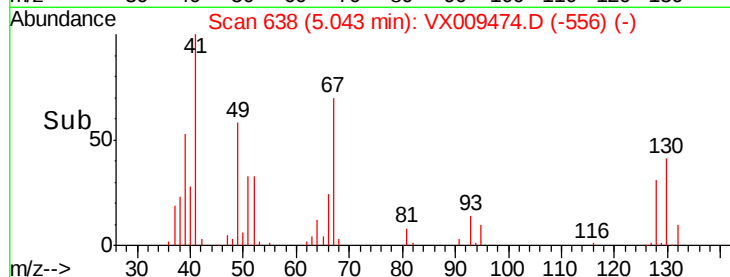
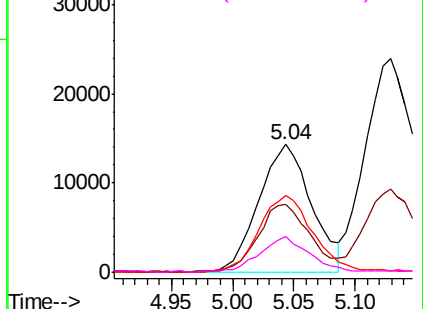
#35
Methacrylonitrile
Concen: 21.461 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

Tgt Ion:	41	Resp:	42747
Ion	Ratio	Lower	Upper
41	100		
39	53.2	24.1	72.3
67	60.0	32.2	96.6
52	27.8	12.4	37.4

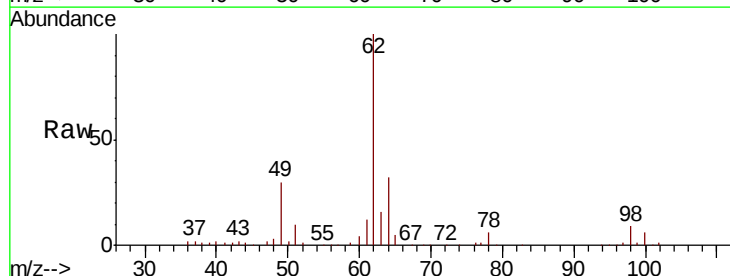


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

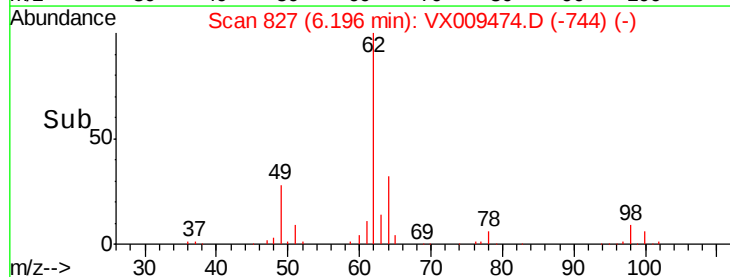
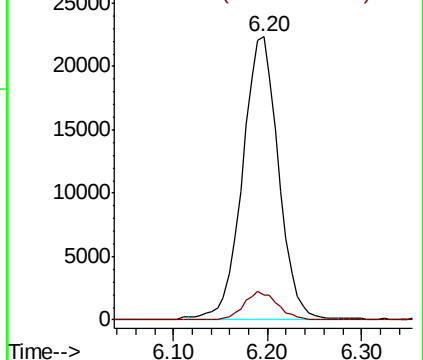


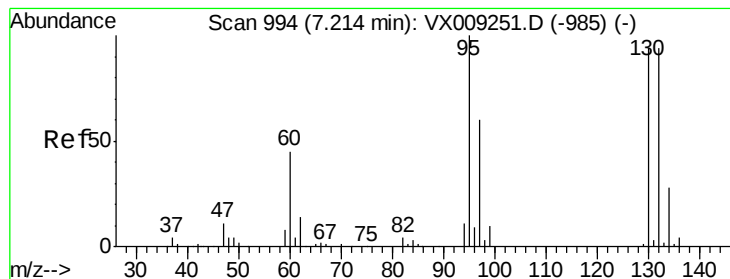
#36
1,2-Dichloroethane
Concen: 21.672 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion:	62	Resp:	58937
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.2



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





#37

Trichloroethene

Concen: 21.497 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

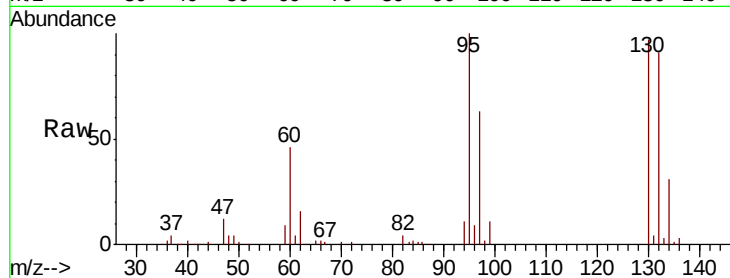
VX0510WBS01

Tgt Ion:130 Resp: 38784

Ion Ratio Lower Upper

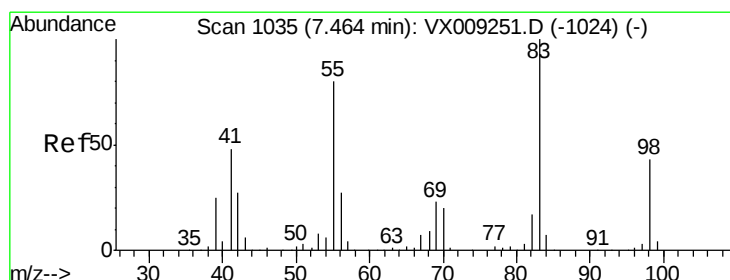
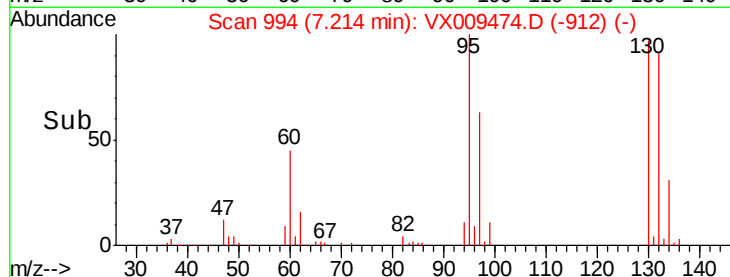
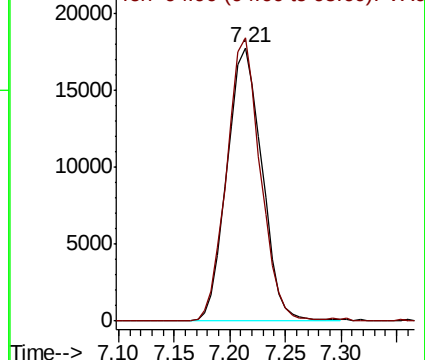
130 100

95 103.2 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: 21.684 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

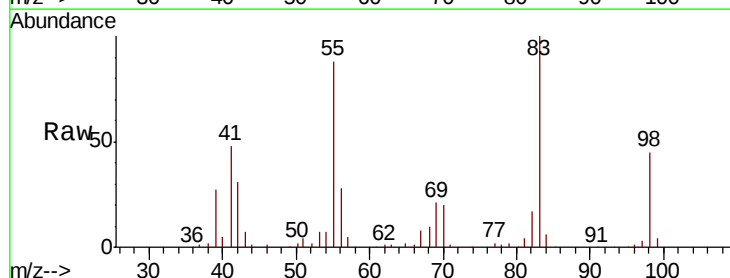
Tgt Ion: 83 Resp: 65127

Ion Ratio Lower Upper

83 100

55 86.1 43.0 129.2

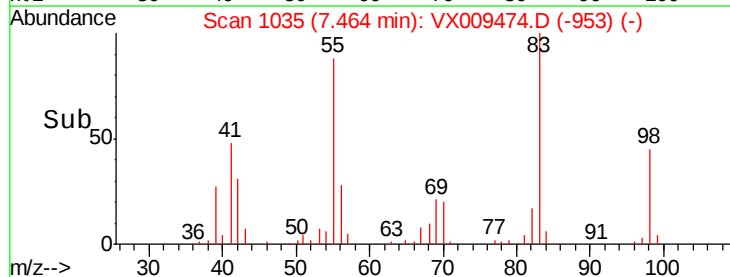
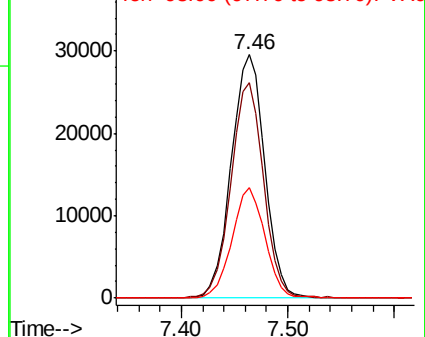
98 44.9 22.1 66.1

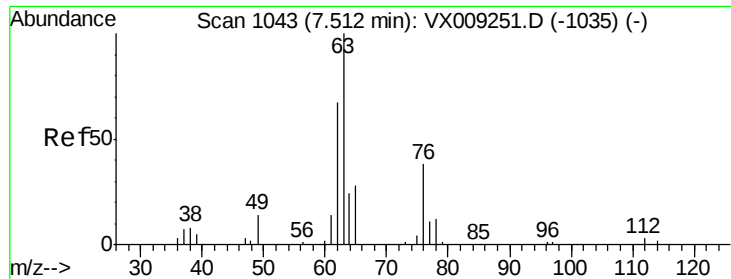


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

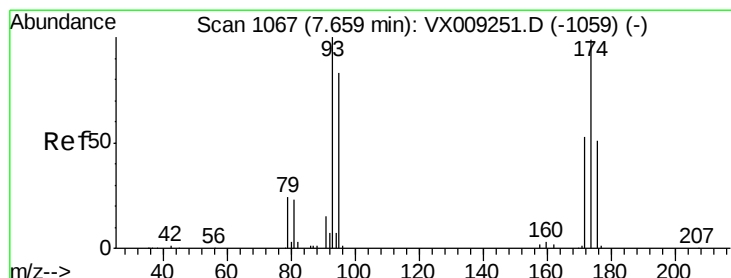
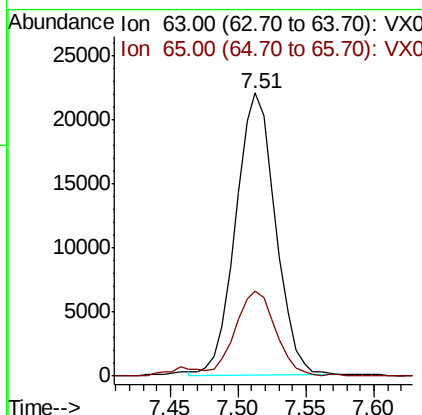
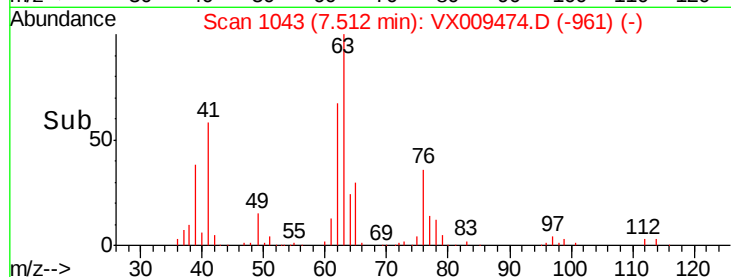
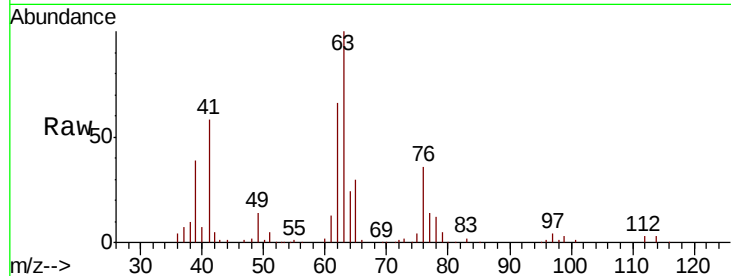




#39
 1,2-Dichloropropane
 Concen: 21.064 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

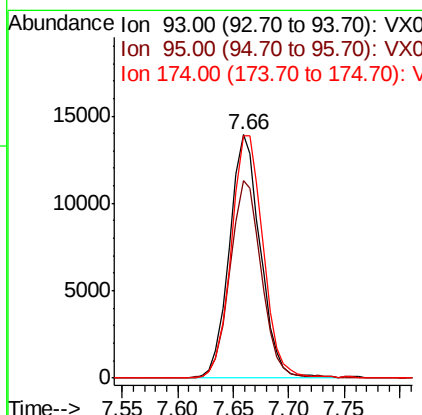
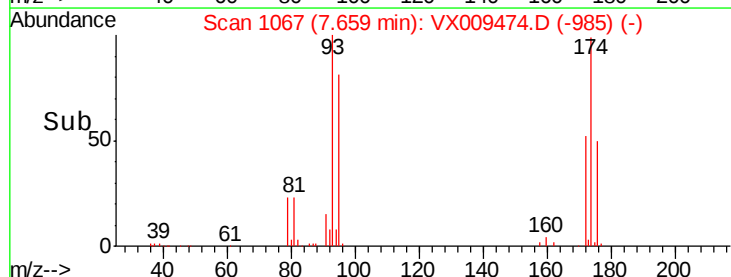
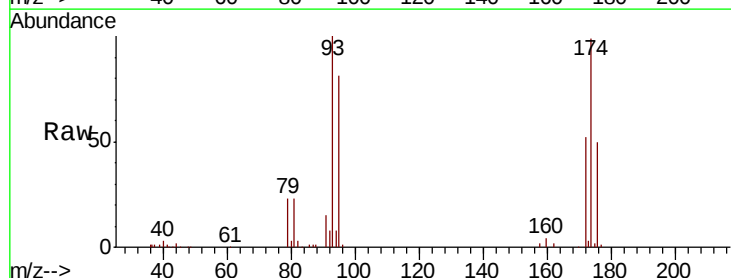
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

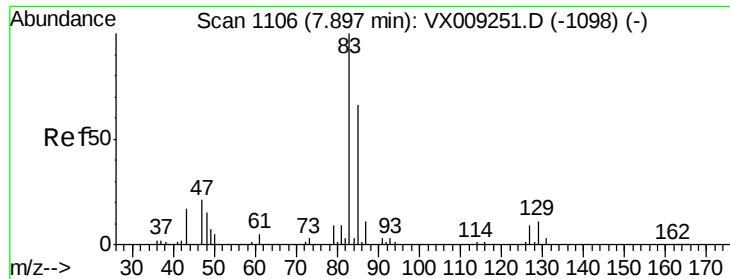
Tgt Ion: 63 Resp: 44957
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.0 36.0



#40
 Dibromomethane
 Concen: 22.071 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 93 Resp: 26736
 Ion Ratio Lower Upper
 93 100
 95 82.2 0.0 167.2
 174 103.0 0.0 203.4





#41

Bromodichloromethane

Concen: 20.972 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

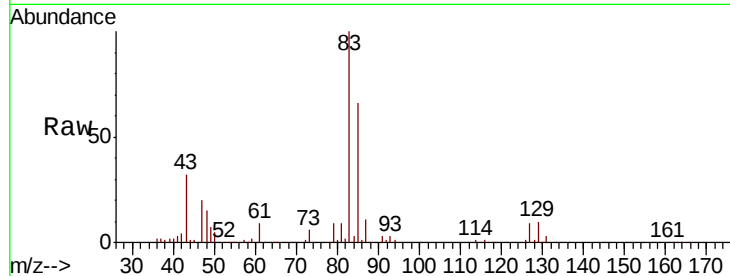
Tgt Ion: 83 Resp: 51891

Ion Ratio Lower Upper

83 100

85 66.0 52.6 79.0

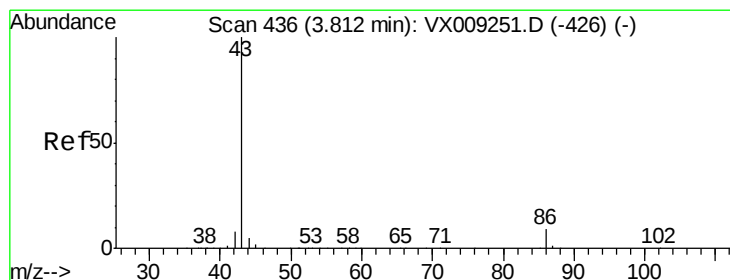
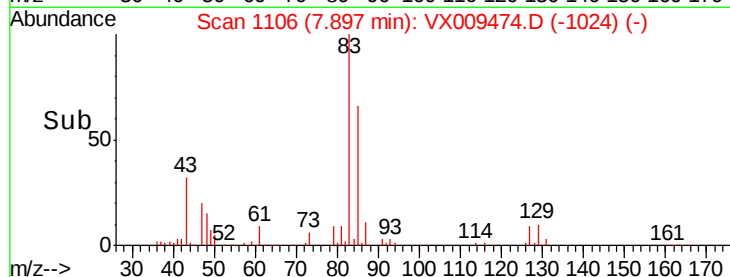
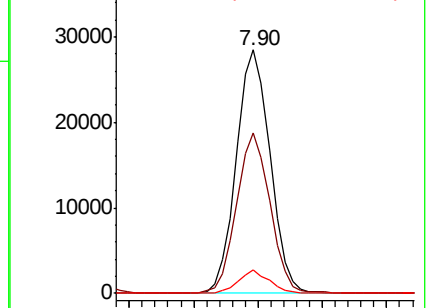
127 9.4 6.9 10.3



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: 109.681 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009474.D

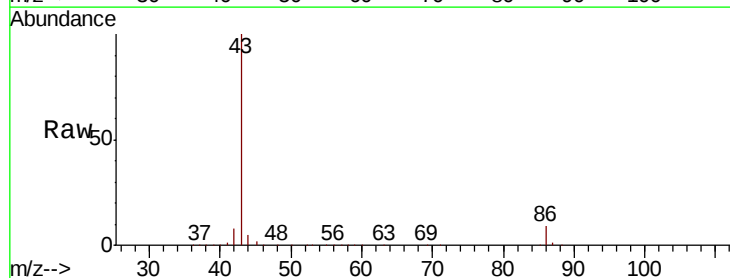
Acq: 10 May 2019 11:41

Tgt Ion: 43 Resp: 689186

Ion Ratio Lower Upper

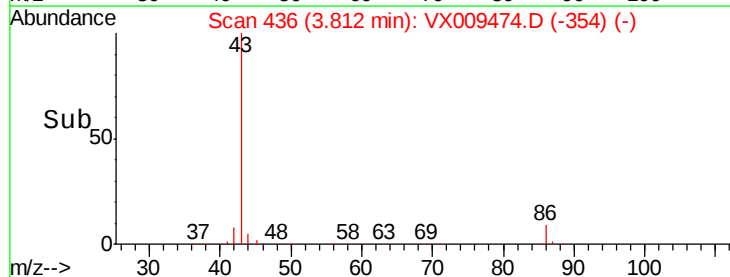
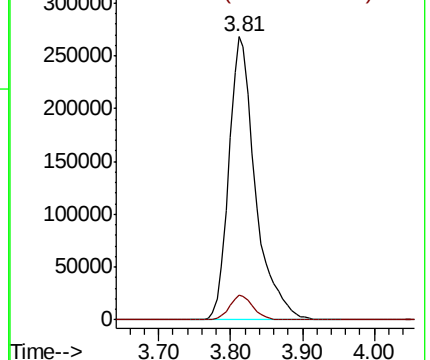
43 100

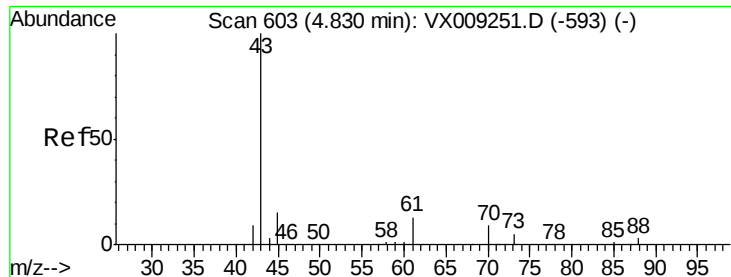
86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

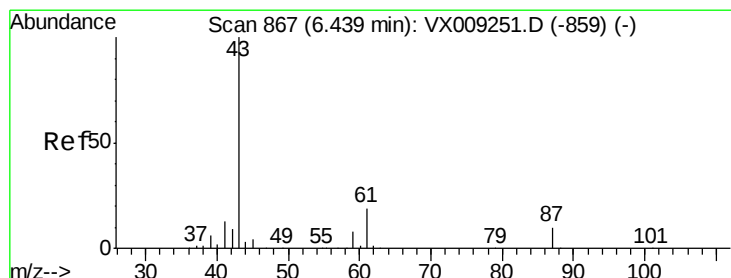
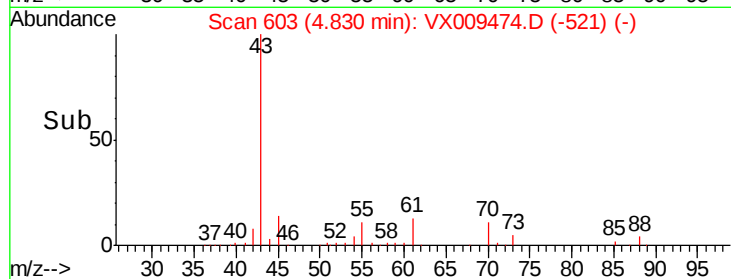
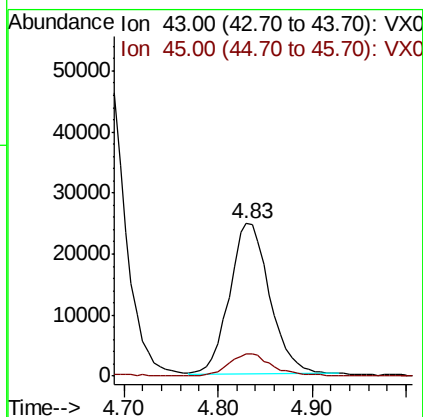
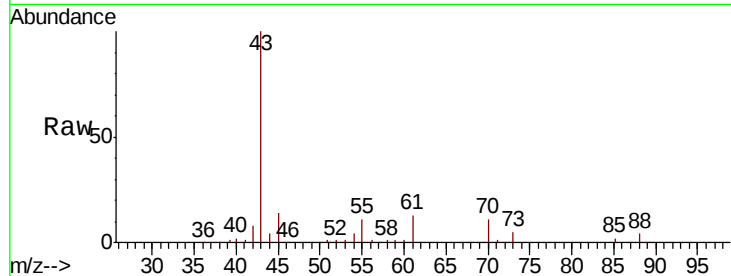




#43
Ethyl Acetate
Concen: 21.333 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

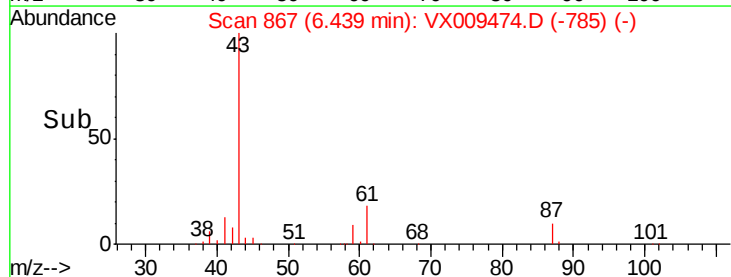
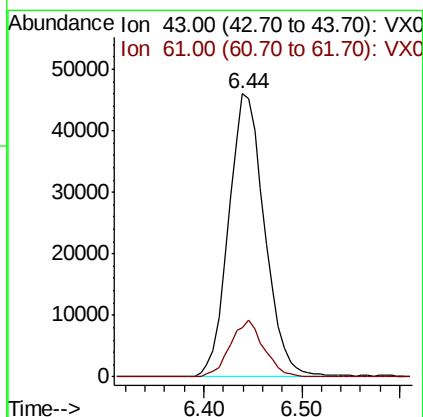
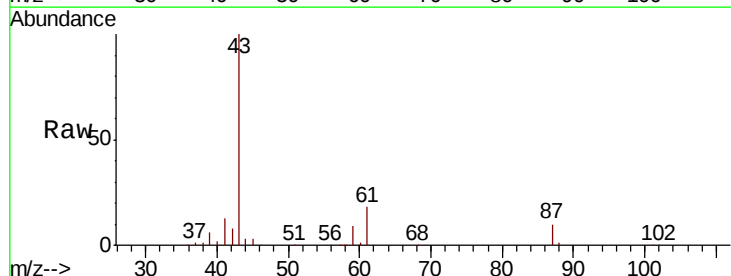
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

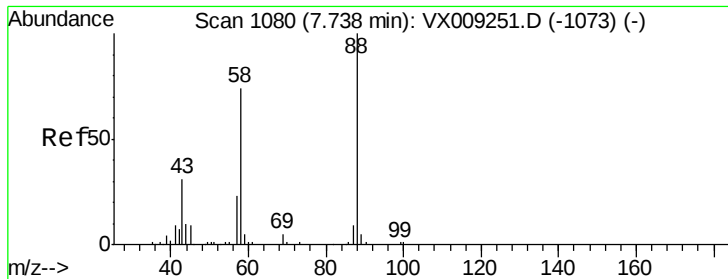
Tgt Ion: 43 Resp: 73390
Ion Ratio Lower Upper
43 100
45 16.0 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.988 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 43 Resp: 116969
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.2

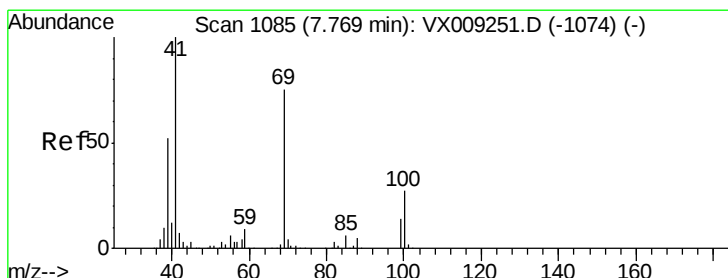
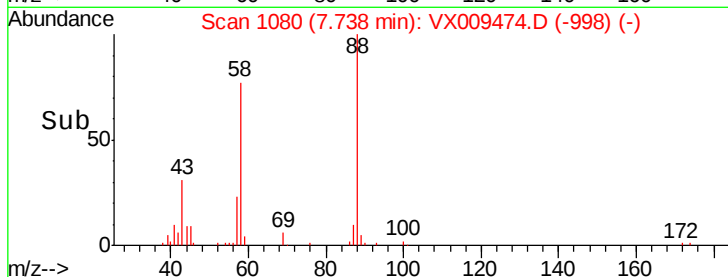
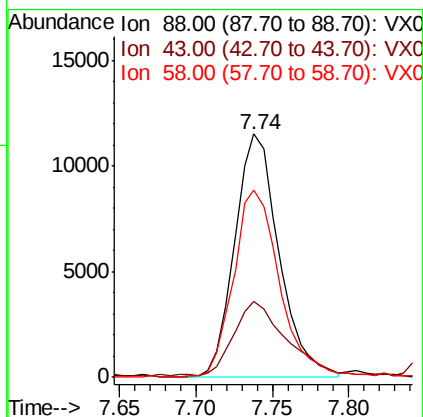
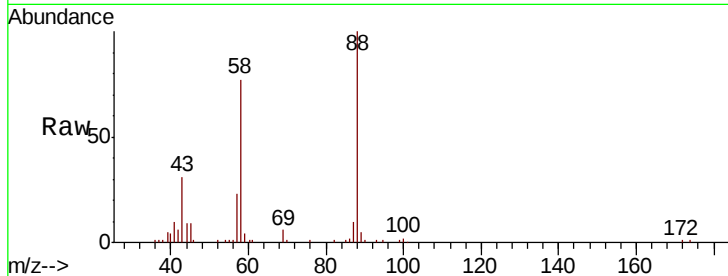




#45
 1,4-Dioxane
 Concen: 423.639 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

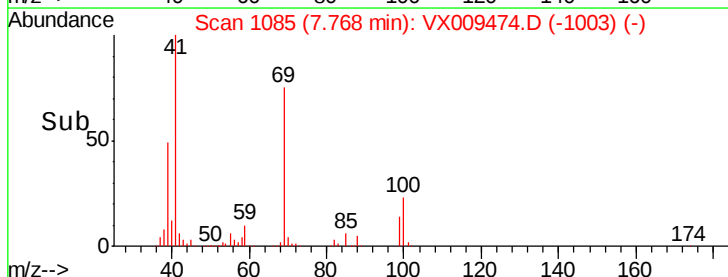
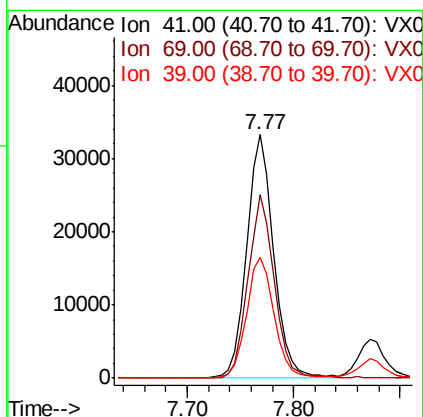
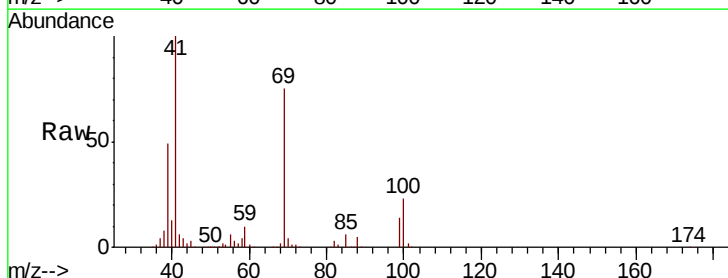
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

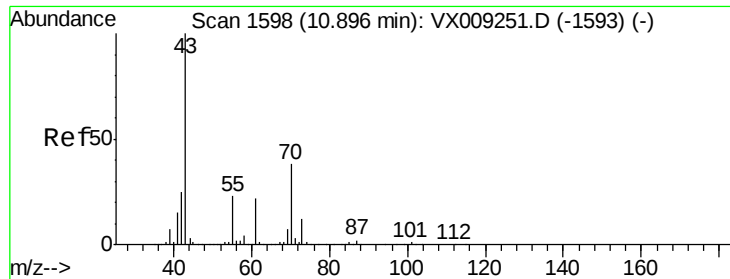
Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.3	28.5	42.7
58	80.5	62.5	93.7



#46
 Methyl methacrylate
 Concen: 21.195 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.3	37.6	112.8
39	49.2	25.8	77.3





#47

n-amy1 Acetate

Concen: 20.089 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

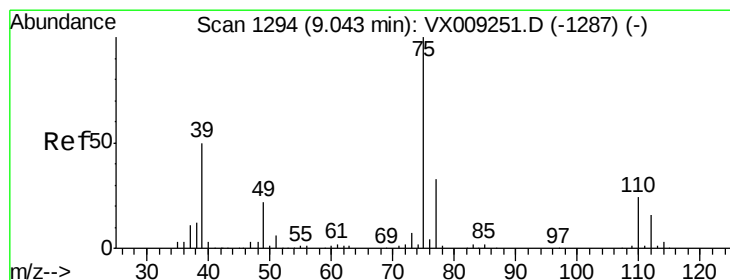
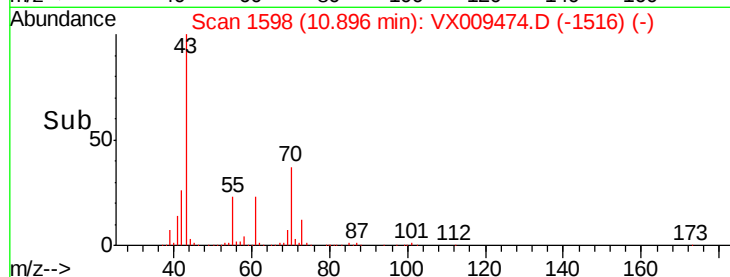
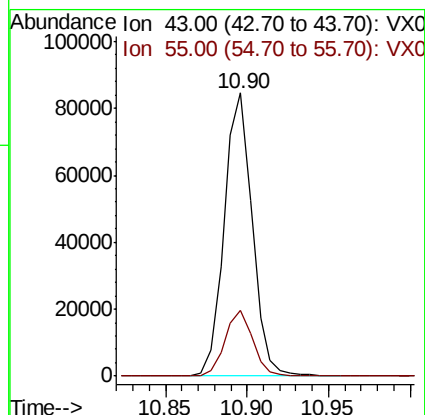
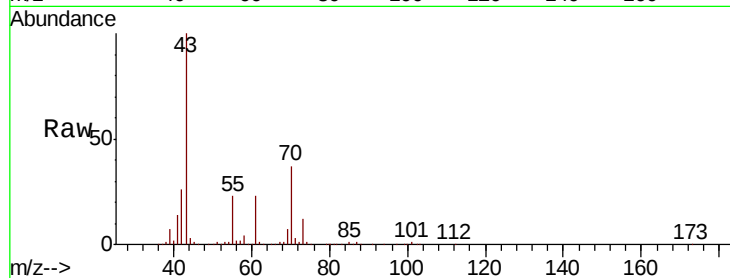
VX0510WBS01

Tgt Ion: 43 Resp: 100857

Ion Ratio Lower Upper

43 100

55 23.1 18.2 27.4



#48

t-1,3-Dichloropropene

Concen: 20.273 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009474.D

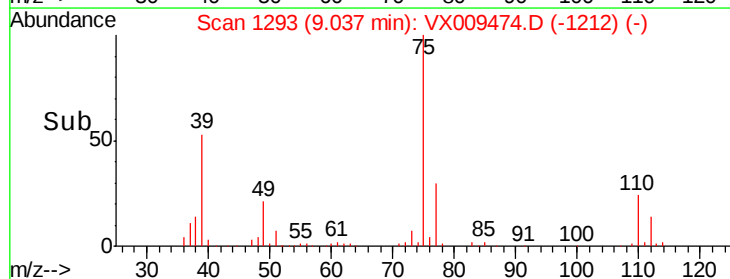
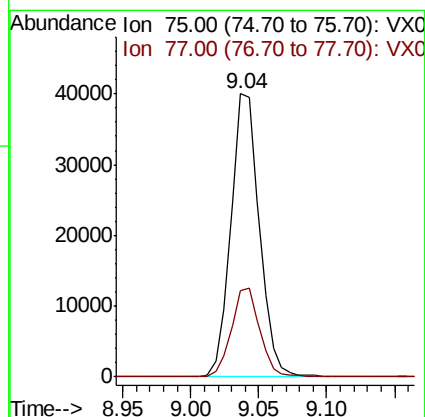
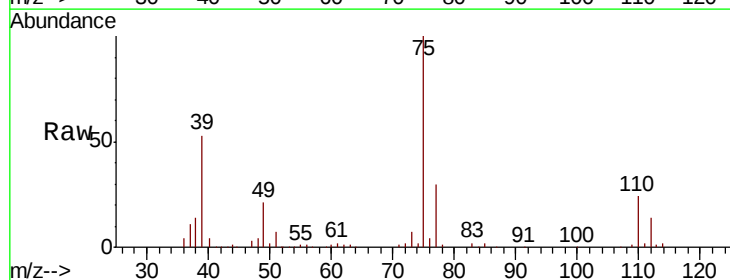
Acq: 10 May 2019 11:41

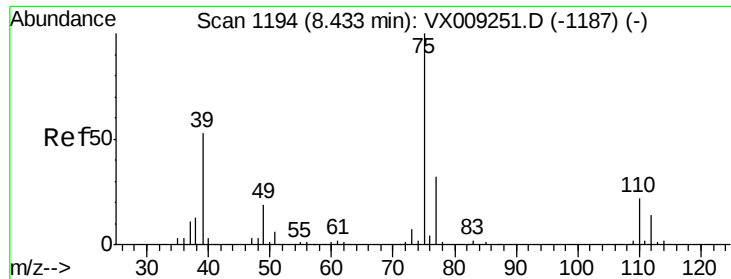
Tgt Ion: 75 Resp: 58529

Ion Ratio Lower Upper

75 100

77 30.5 26.5 39.7

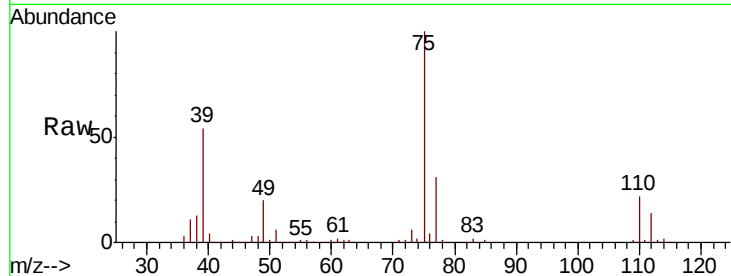




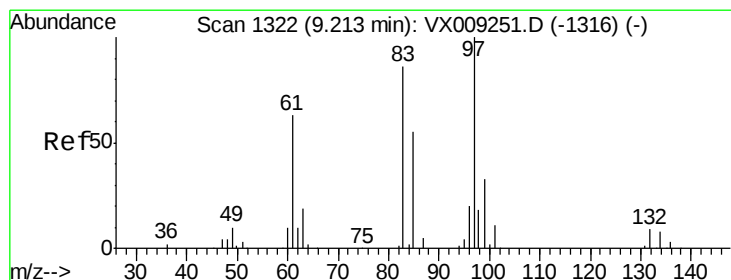
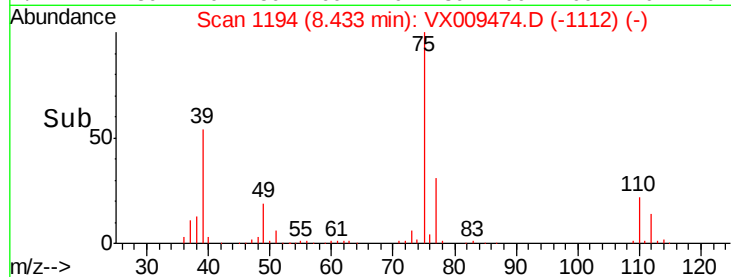
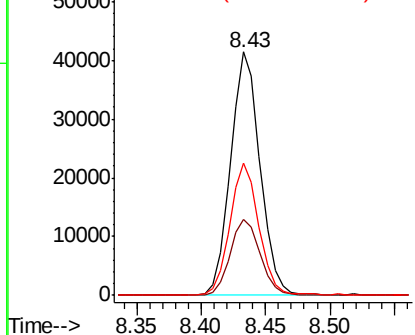
#49
 cis-1,3-Dichloropropene
 Concen: 20.925 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

Tgt Ion: 75 Resp: 66320
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.0 39.0
 39 53.9 42.6 63.8



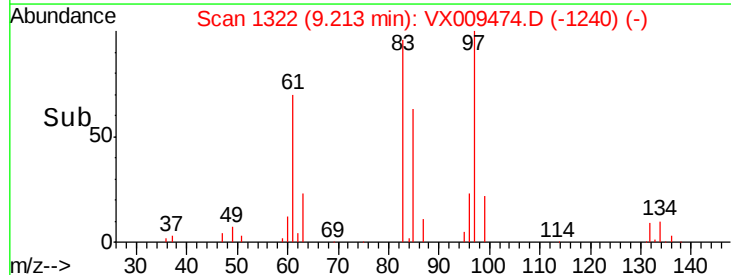
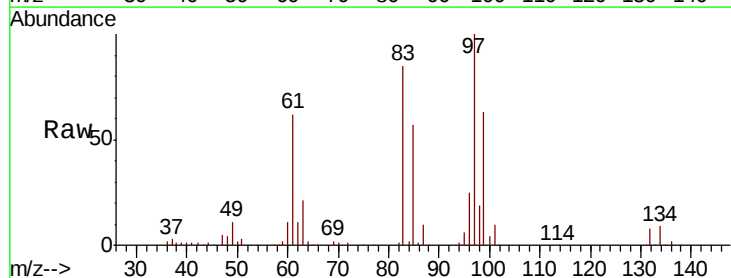
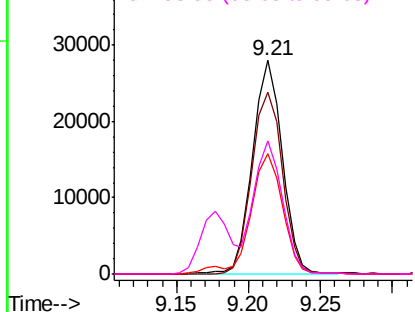
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

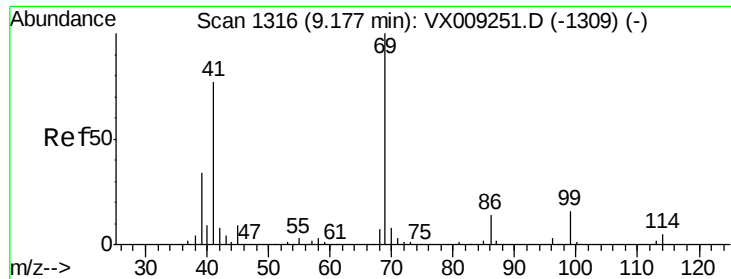


#50
 1,1,2-Trichloroethane
 Concen: 21.659 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 97 Resp: 40197
 Ion Ratio Lower Upper
 97 100
 83 85.4 68.8 103.2
 85 56.1 45.8 68.6
 99 62.0 50.0 75.0

Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 20.565 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

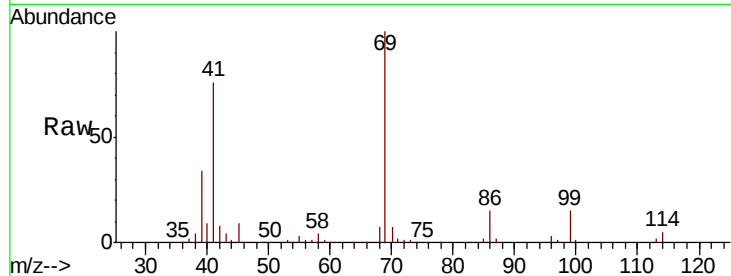
Tgt Ion: 69 Resp: 70529

Ion Ratio Lower Upper

69 100

41 76.0 38.4 115.2

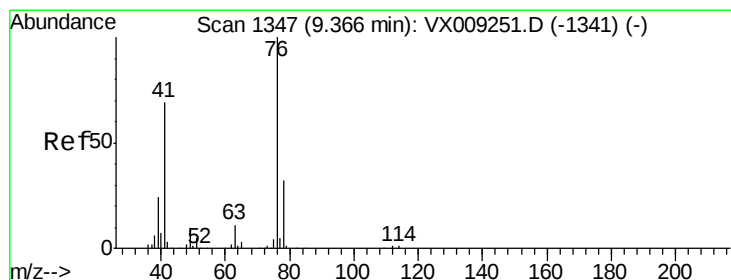
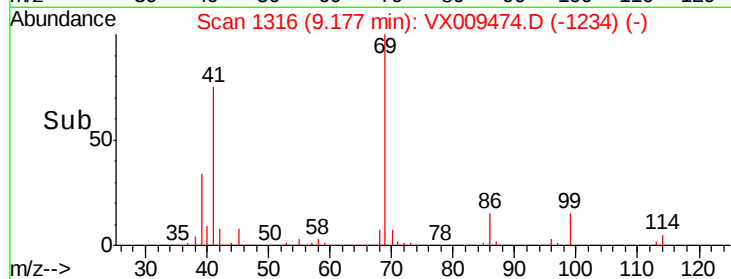
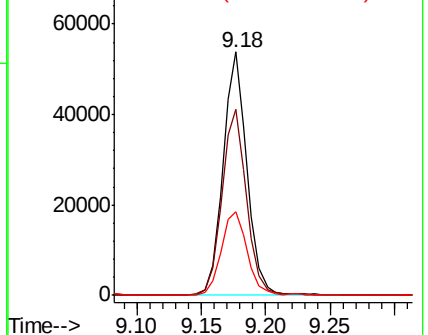
39 34.1 17.2 51.5



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: 21.444 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009474.D

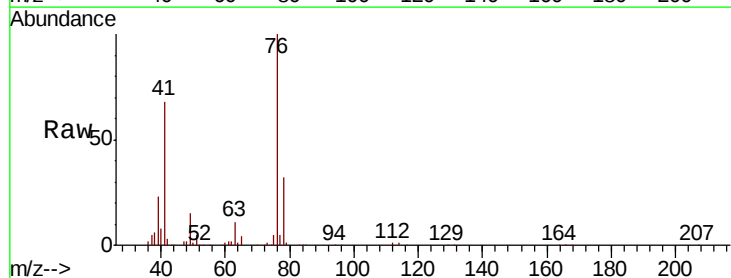
Acq: 10 May 2019 11:41

Tgt Ion: 76 Resp: 70633

Ion Ratio Lower Upper

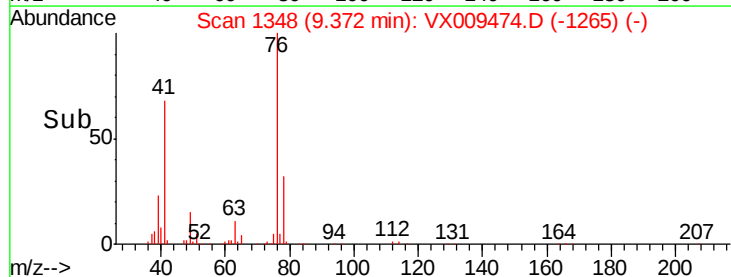
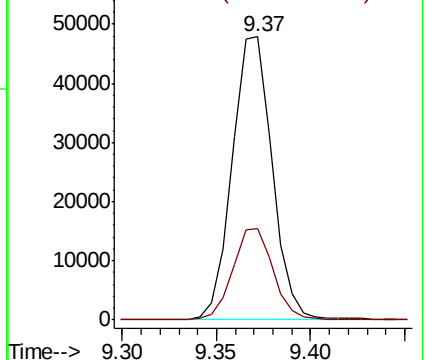
76 100

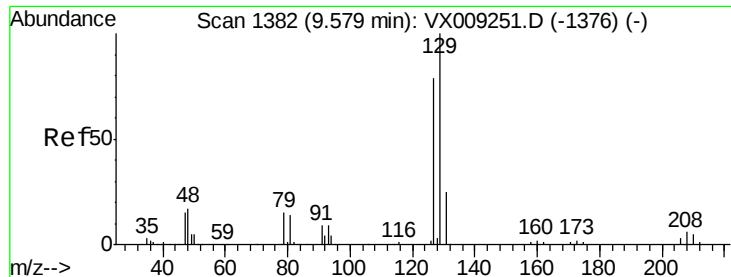
78 32.5 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

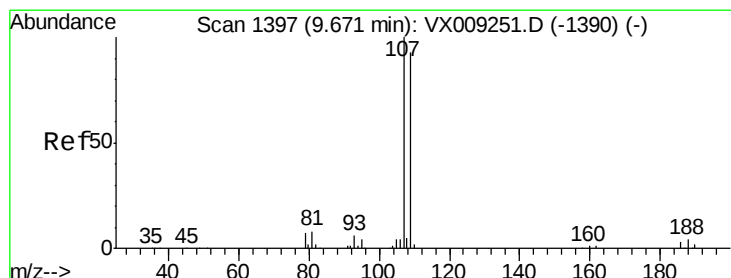
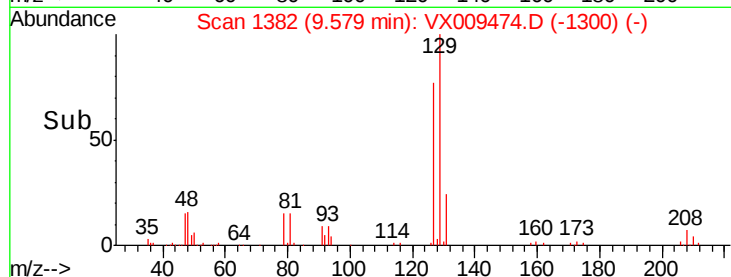
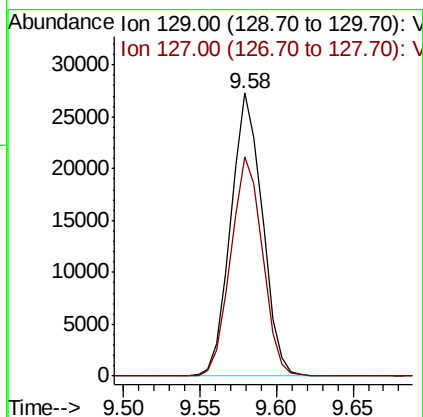
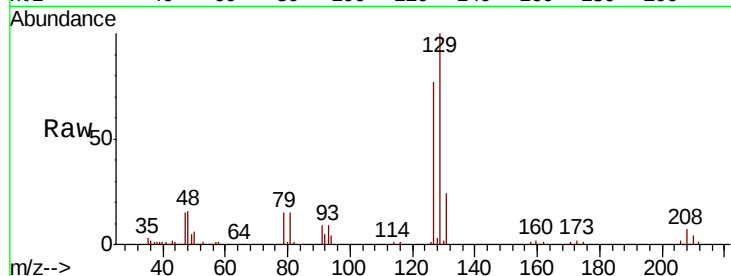




#53
Dibromochloromethane
Concen: 21.136 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

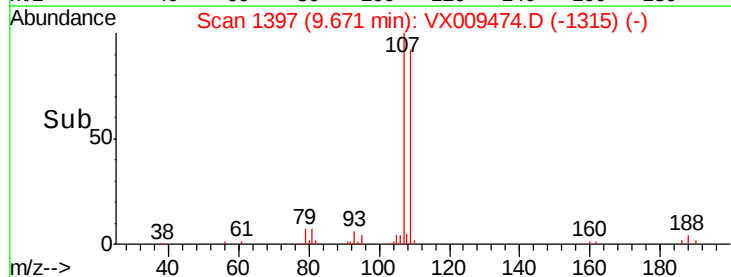
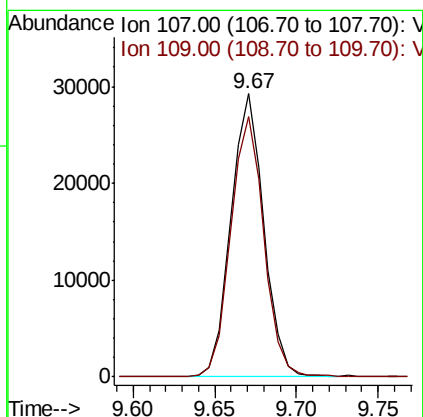
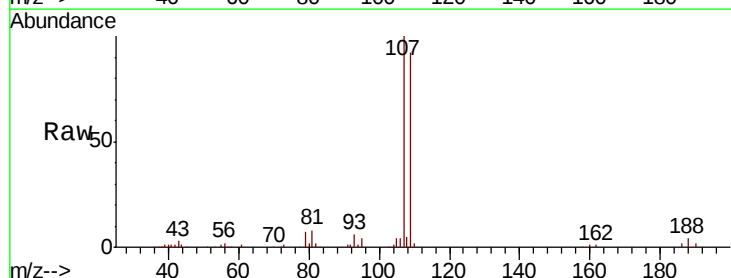
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

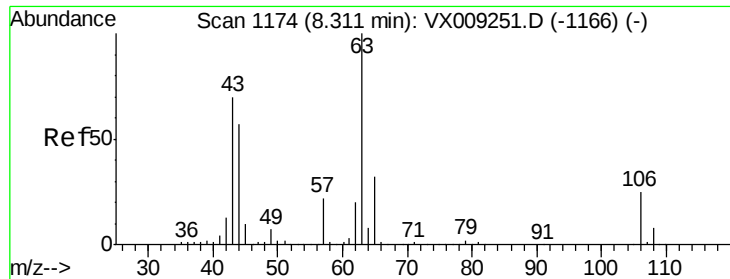
Tgt Ion:129 Resp: 39065
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5



#54
1,2-Dibromoethane
Concen: 21.556 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion:107 Resp: 41029
Ion Ratio Lower Upper
107 100
109 92.6 75.5 113.3

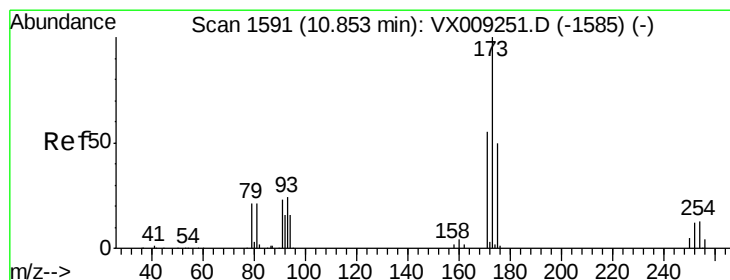
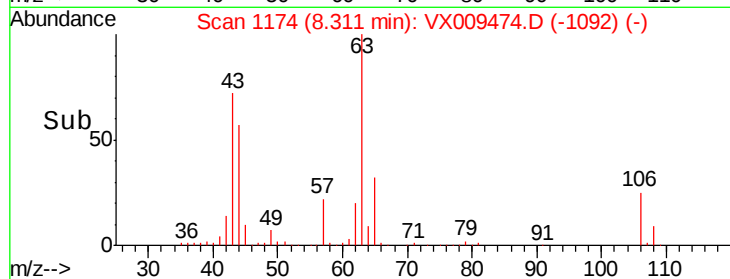
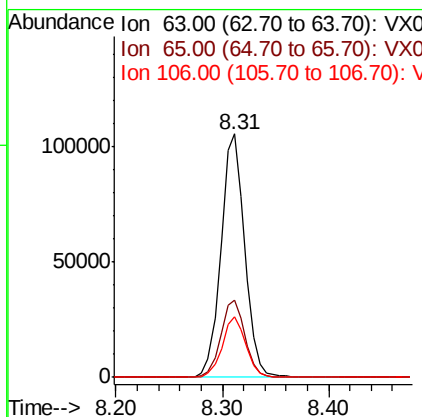
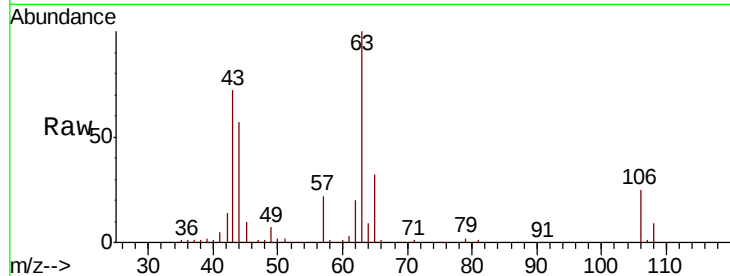




#55
 2-Chloroethyl vinyl ether
 Concen: 90.004 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

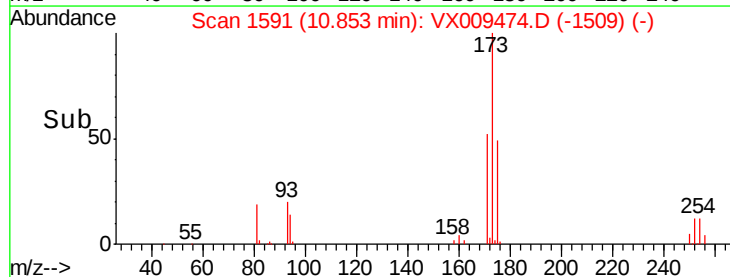
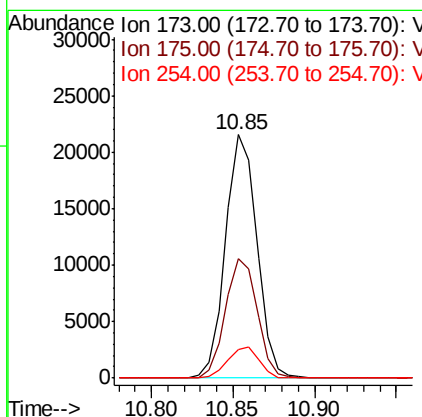
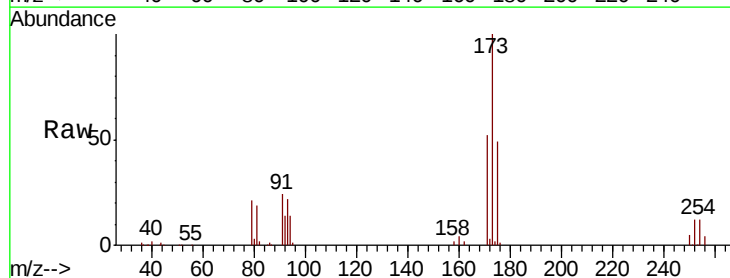
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

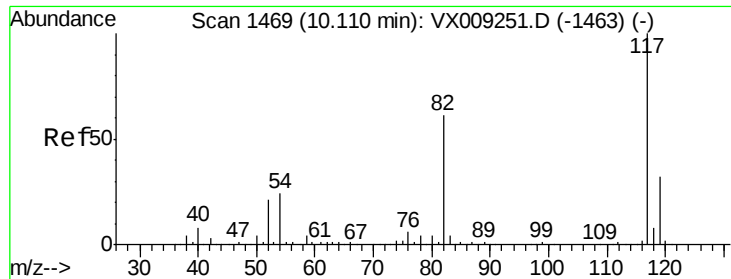
Tgt Ion: 63 Resp: 164486
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.8 38.6
 106 24.5 19.8 29.6



#56
 Bromoform
 Concen: 20.400 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 173 Resp: 28944
 Ion Ratio Lower Upper
 173 100
 175 49.8 39.4 59.2
 254 12.6 9.9 14.9

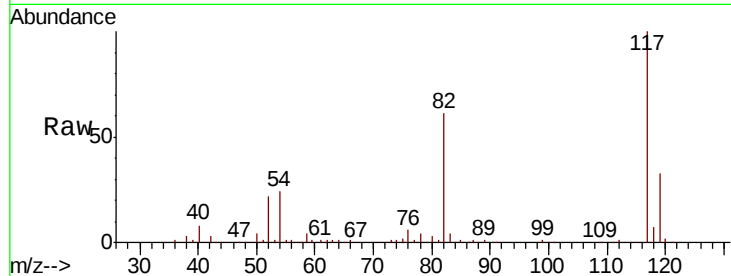




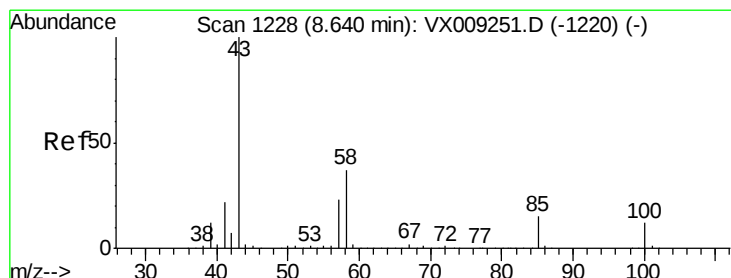
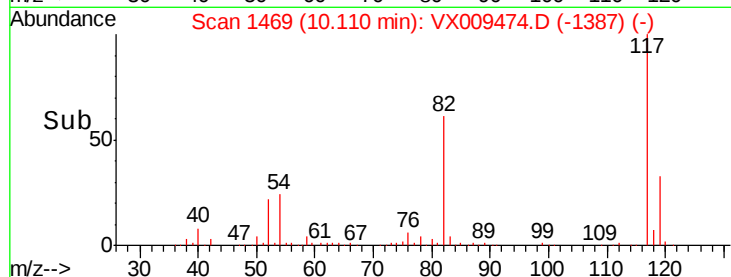
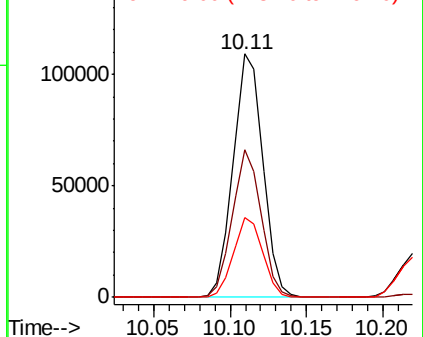
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion: 117 Resp: 147305
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.3 25.6 38.4

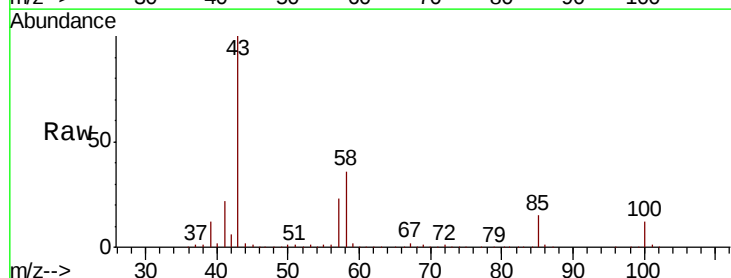


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

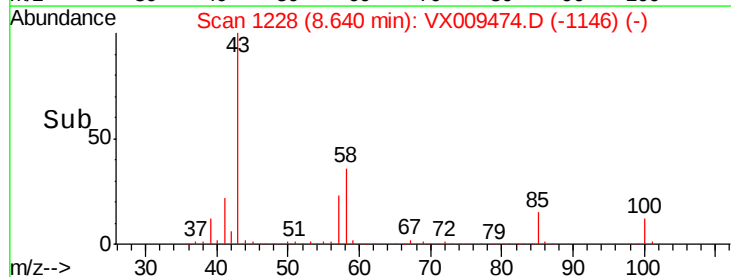
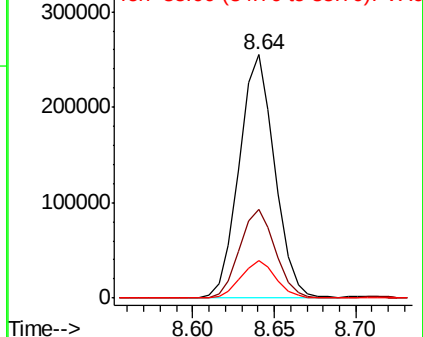


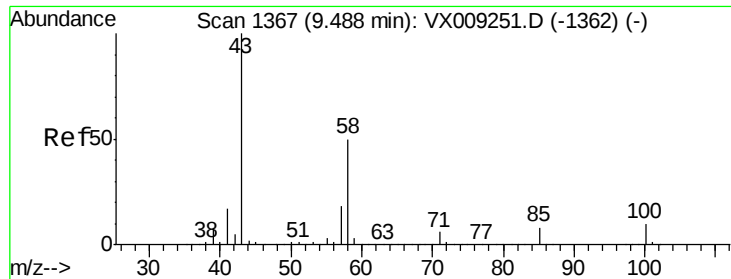
#58
4-Methyl-2-Pentanone
Concen: 106.843 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 43 Resp: 386990
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 15.3 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

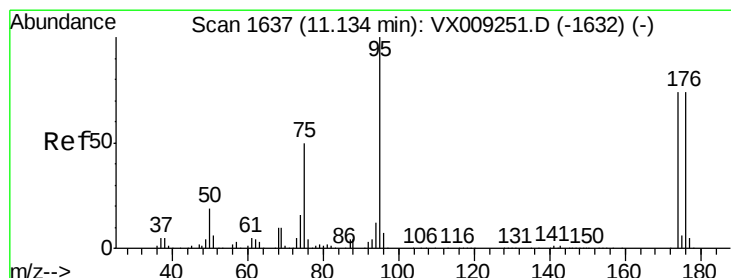
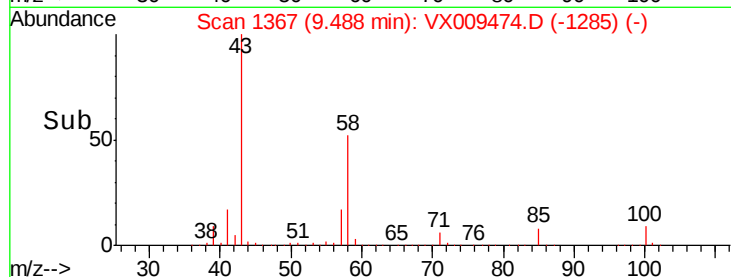
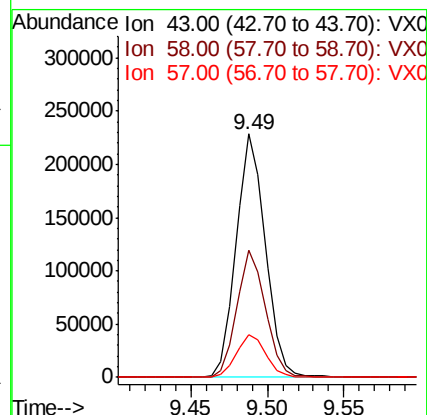
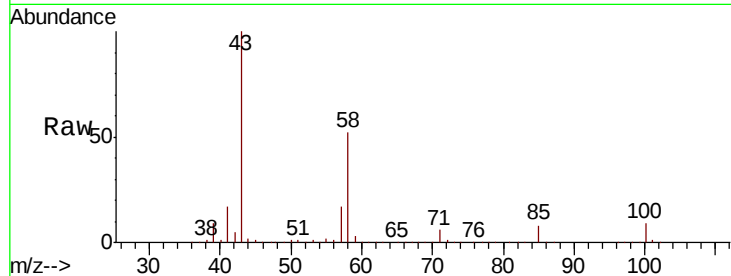




#59
2-Hexanone
Concen: 106.224 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

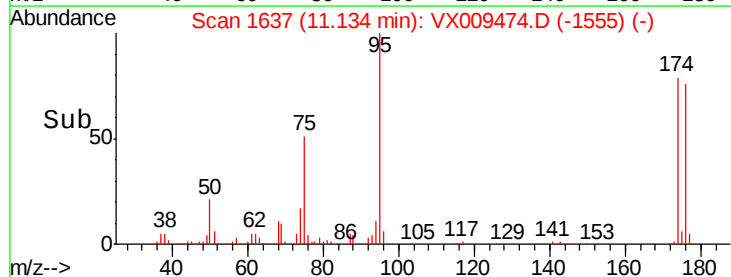
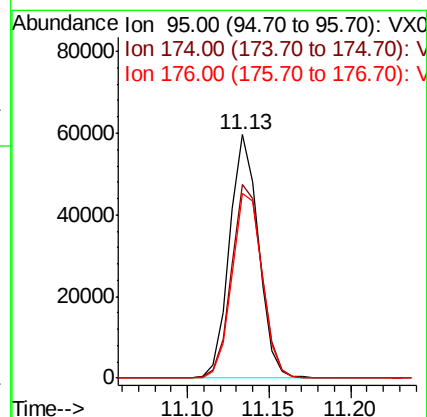
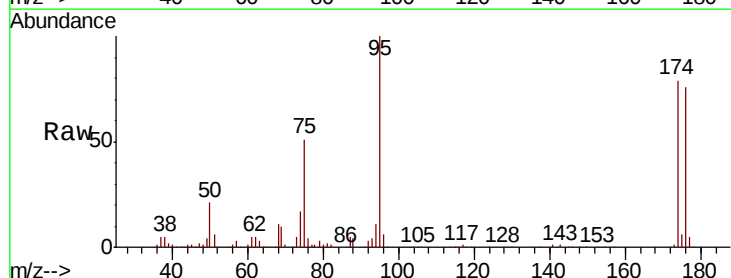
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

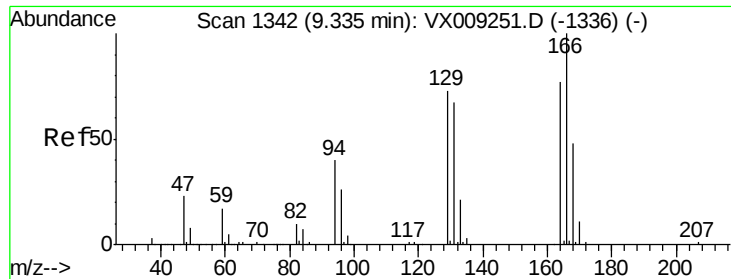
Tgt Ion: 43 Resp: 301777
Ion Ratio Lower Upper
43 100
58 51.2 40.8 61.2
57 17.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.420 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 95 Resp: 73639
Ion Ratio Lower Upper
95 100
174 83.0 63.6 95.4
176 79.5 62.4 93.6





#61

Tetrachloroethene

Concen: 21.364 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tgt Ion:164 Resp: 34692

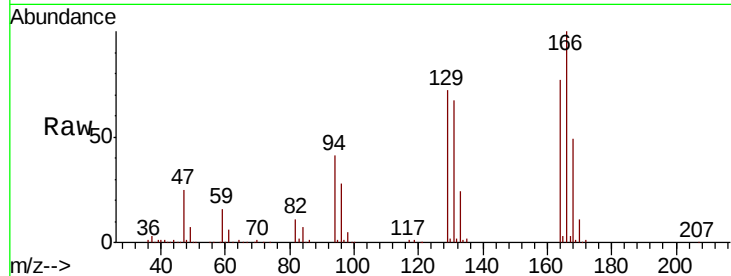
Ion Ratio Lower Upper

164 100

166 129.7 104.1 156.1

129 93.4 76.0 114.0

131 87.0 70.1 105.1



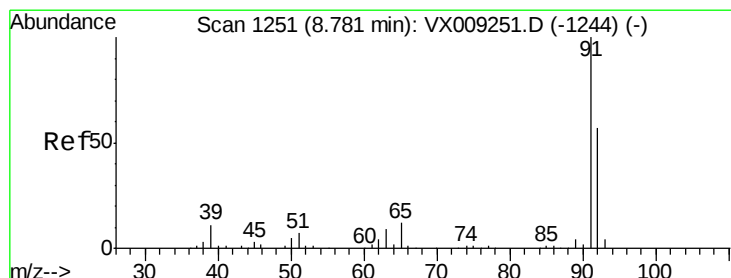
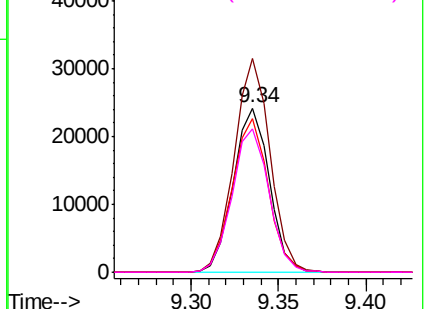
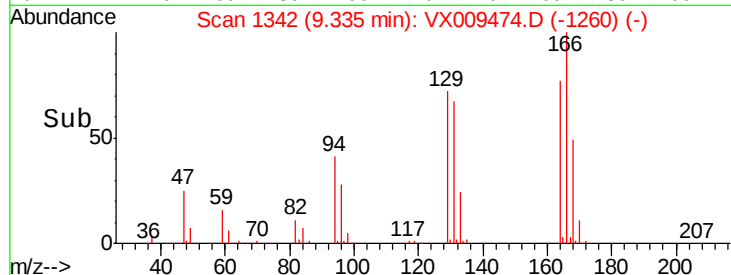
Abundance

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: 21.848 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009474.D

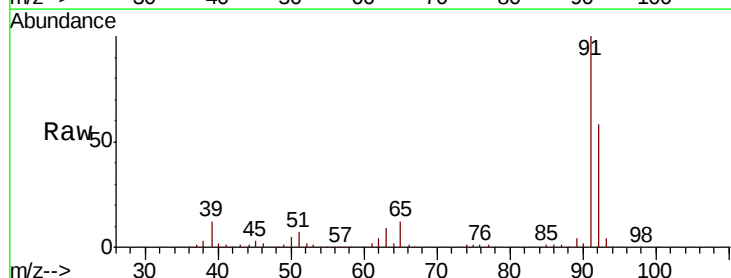
Acq: 10 May 2019 11:41

Tgt Ion: 91 Resp: 171975

Ion Ratio Lower Upper

91 100

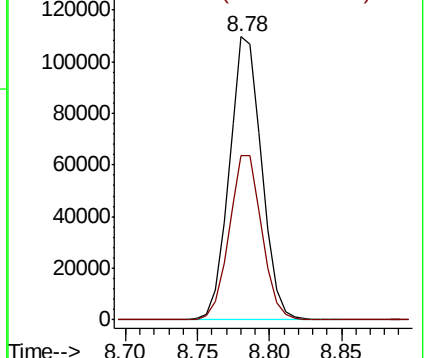
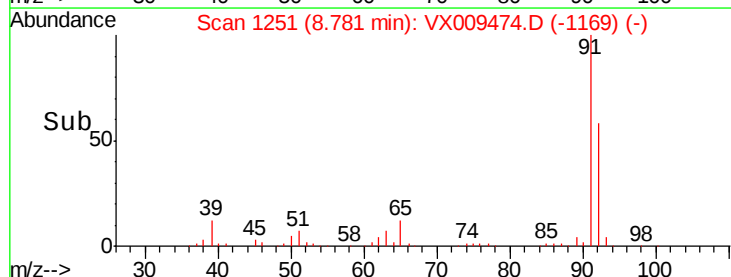
92 58.9 46.1 69.1

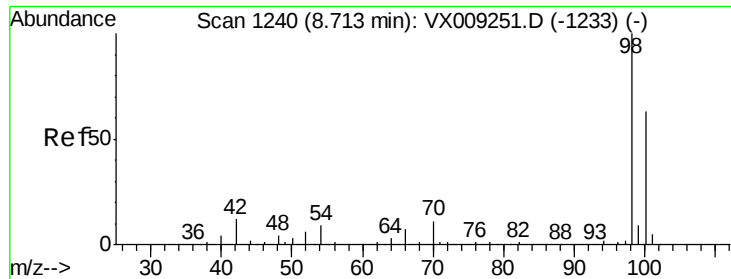


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

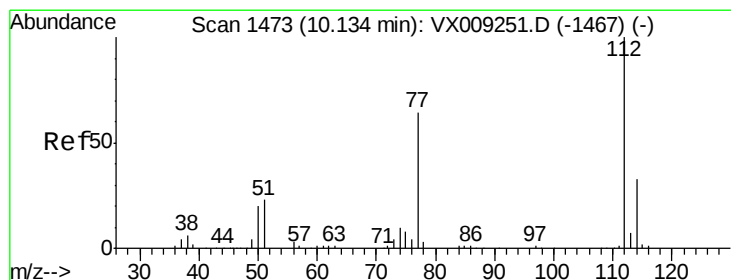
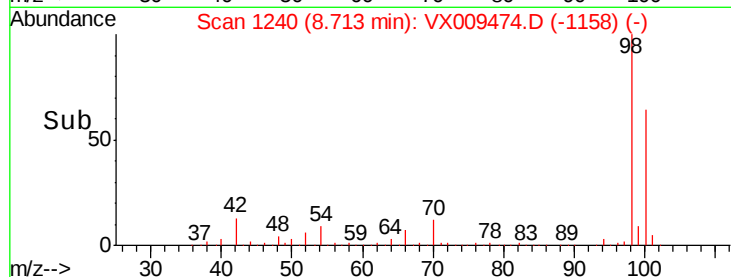
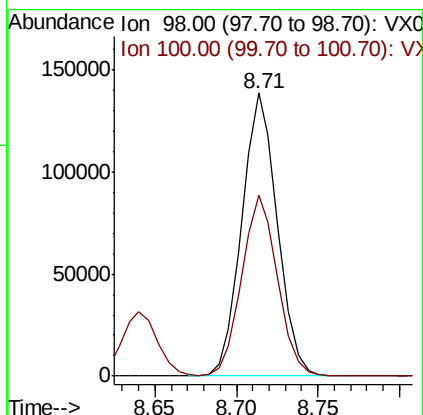
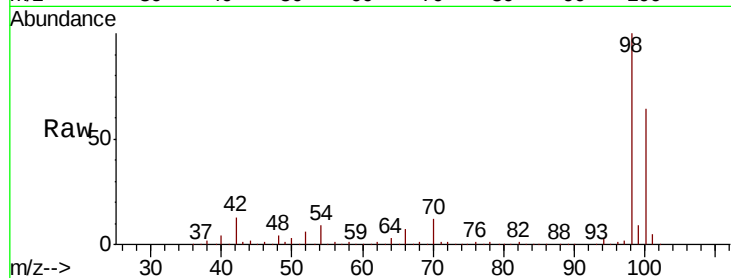




#63
Toluene-d8
Concen: 30.001 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

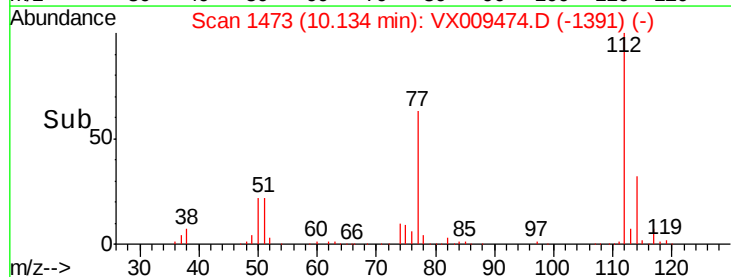
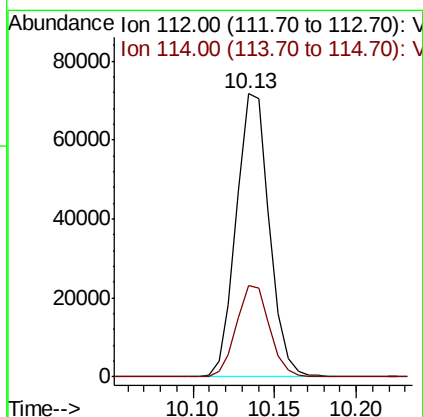
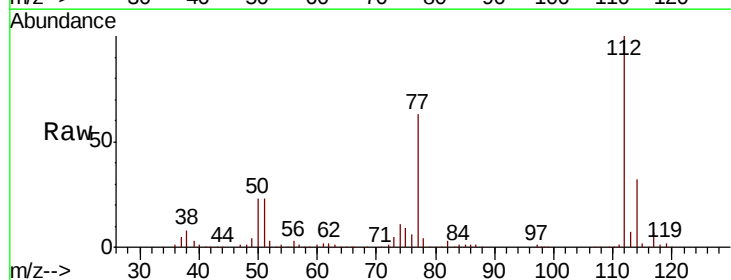
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

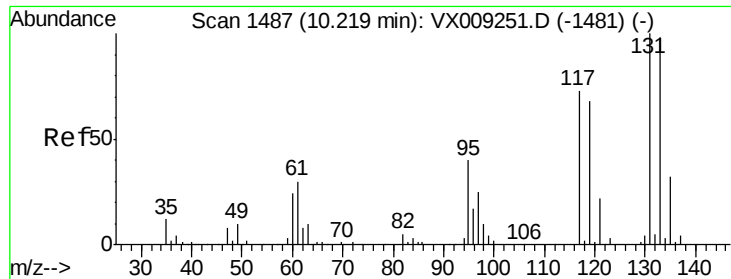
Tgt Ion: 98 Resp: 209523
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#64
Chlorobenzene
Concen: 21.439 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 112 Resp: 101564
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.619 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

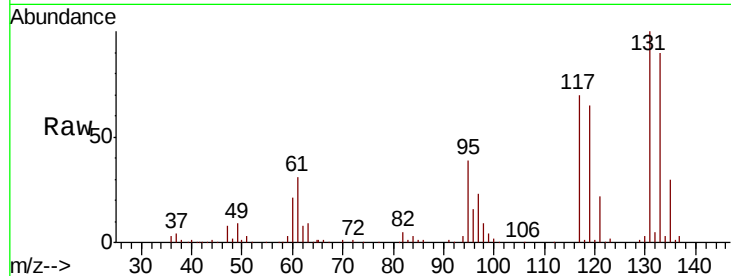
Tgt Ion: 131 Resp: 37499

Ion Ratio Lower Upper

131 100

133 92.1 0.0 191.2

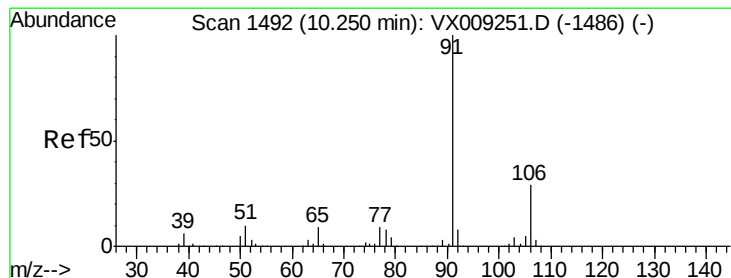
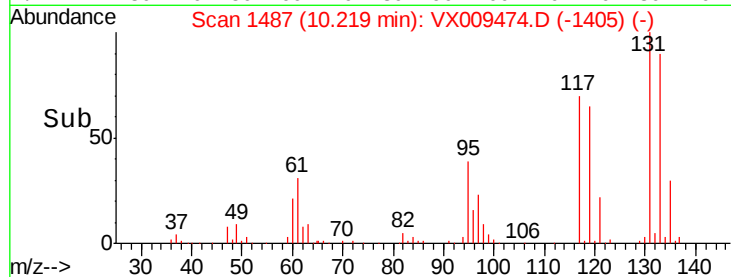
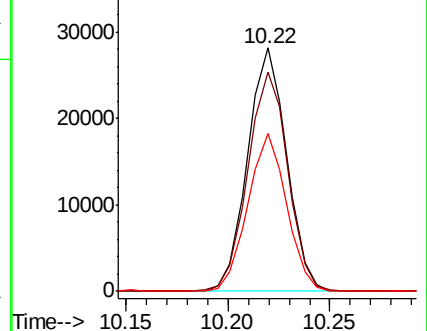
119 64.5 0.0 135.4



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: 21.531 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009474.D

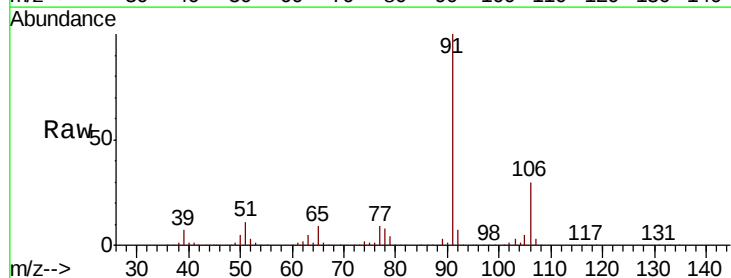
Acq: 10 May 2019 11:41

Tgt Ion: 91 Resp: 188798

Ion Ratio Lower Upper

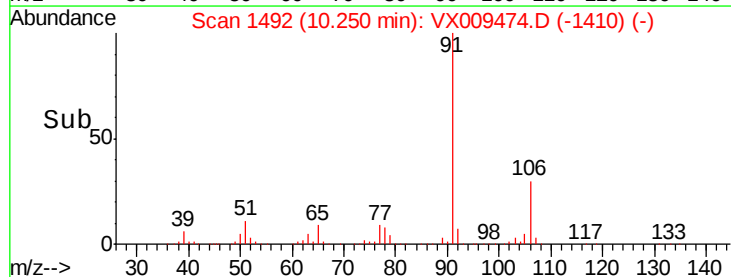
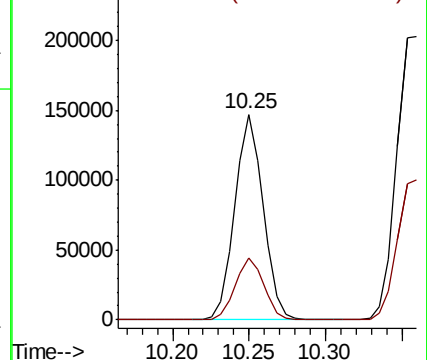
91 100

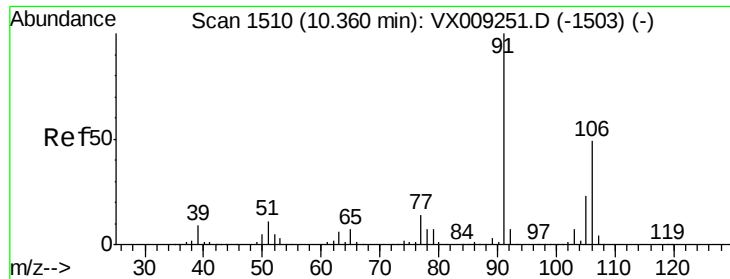
106 30.1 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 43.650 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampled :

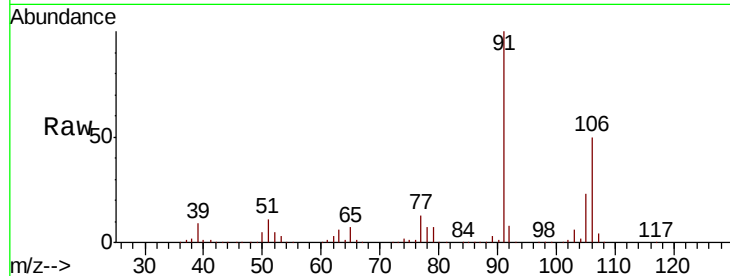
VX0510WBS01

Tgt Ion:106 Resp: 139748

Ion Ratio Lower Upper

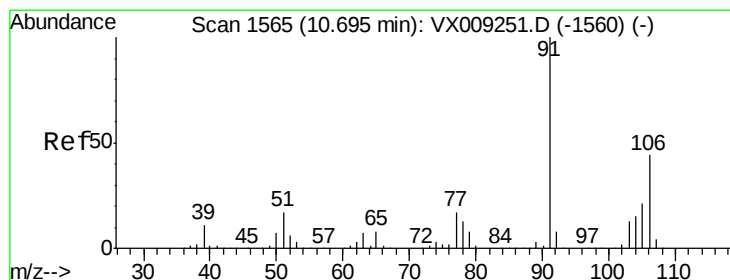
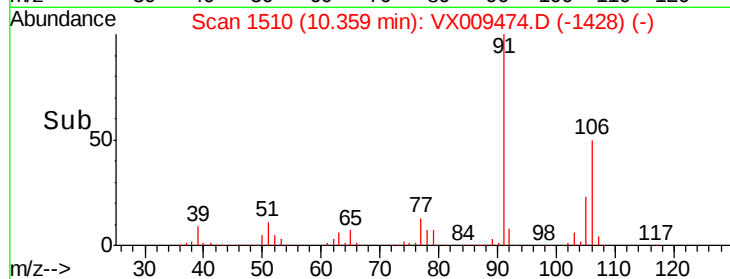
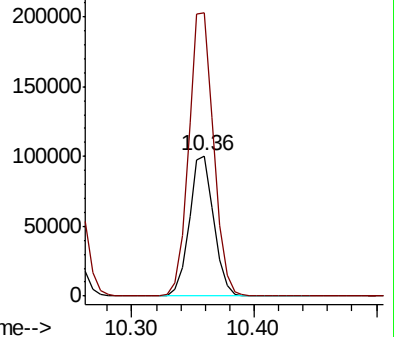
106 100

91 205.4 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.712 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX009474.D

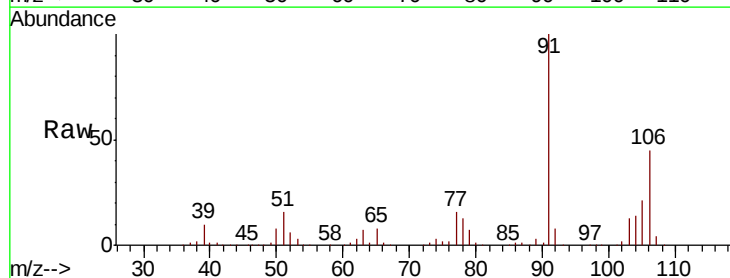
Acq: 10 May 2019 11:41

Tgt Ion:106 Resp: 68352

Ion Ratio Lower Upper

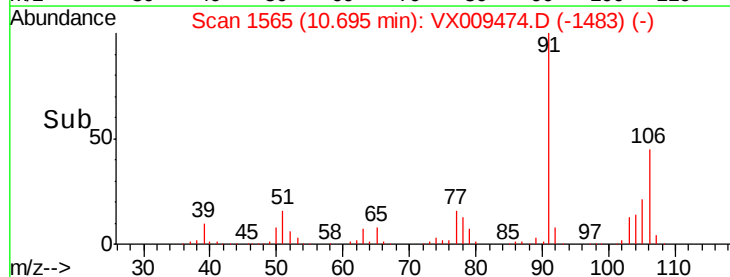
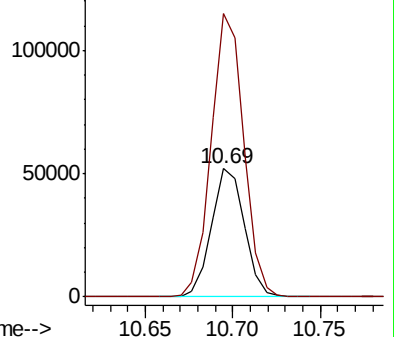
106 100

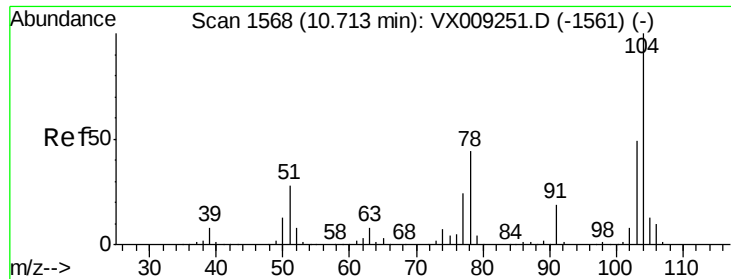
91 217.7 110.8 332.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

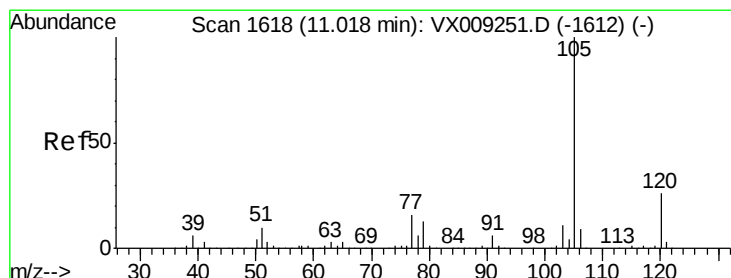
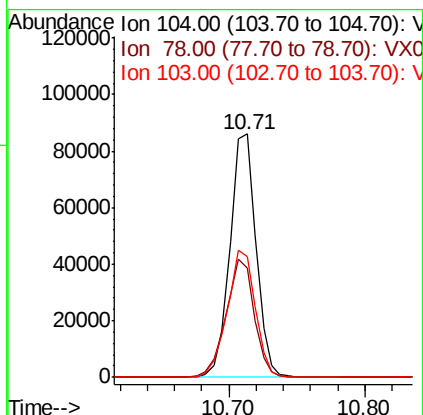
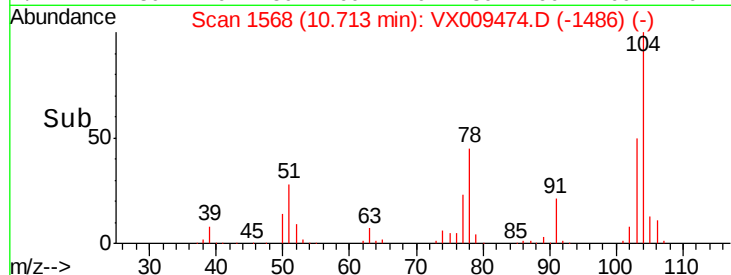
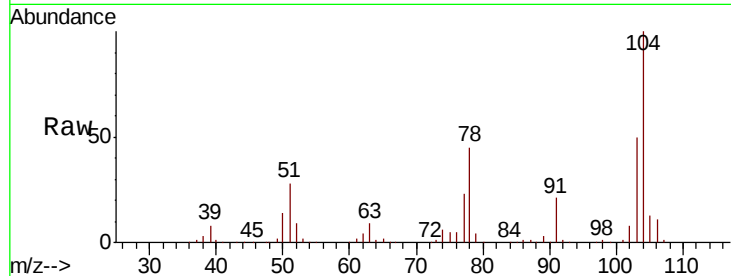




#69
Styrene
Concen: 20.896 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

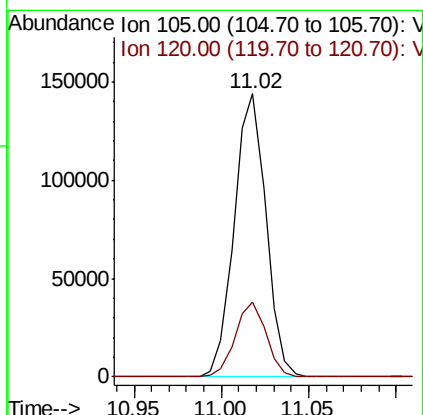
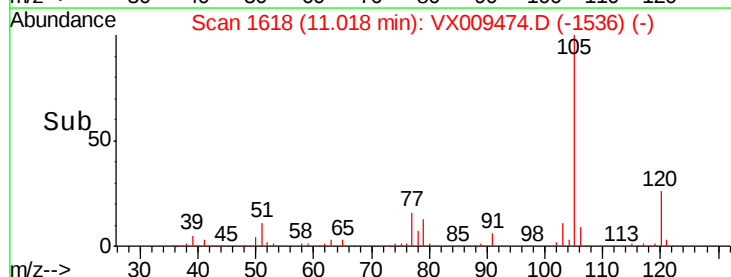
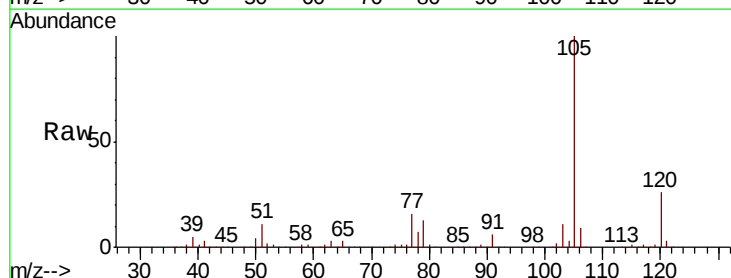
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

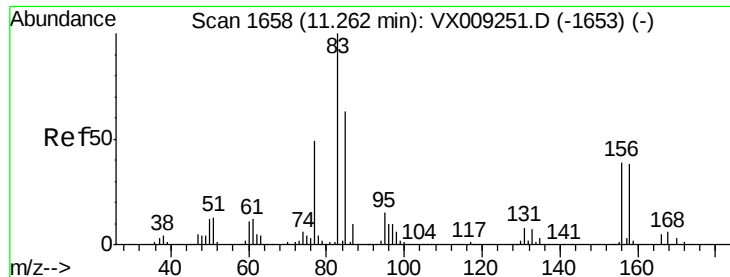
Tgt Ion:104 Resp: 115476
Ion Ratio Lower Upper
104 100
78 52.3 41.1 61.7
103 56.1 43.8 65.8



#70
Isopropylbenzene
Concen: 21.474 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion:105 Resp: 181808
Ion Ratio Lower Upper
105 100
120 25.8 18.1 33.7

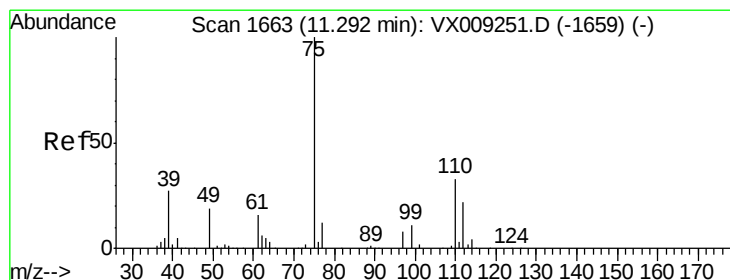
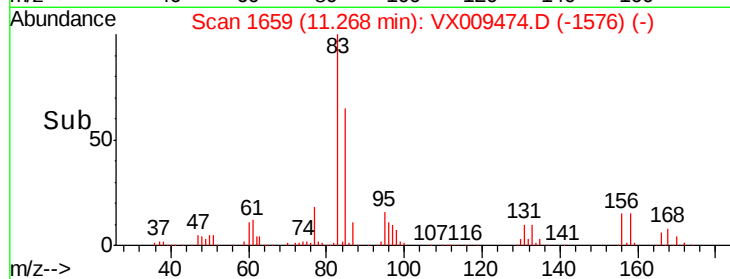
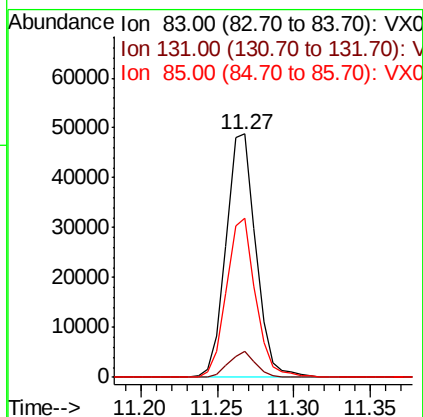
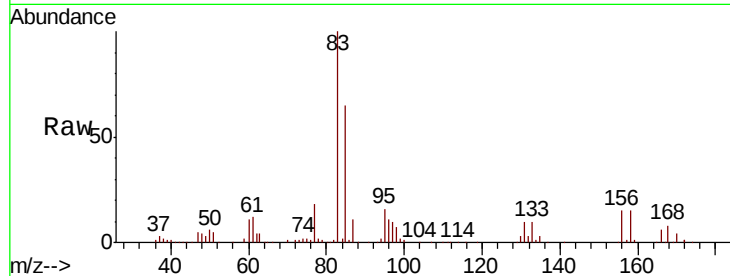




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.377 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

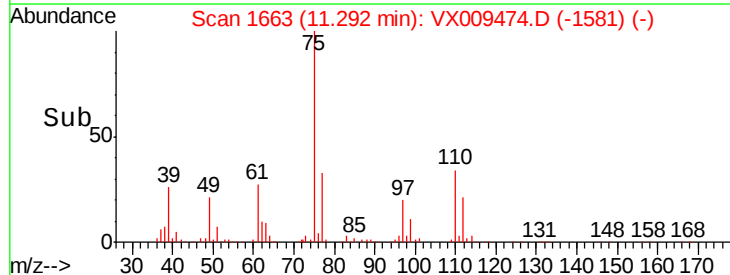
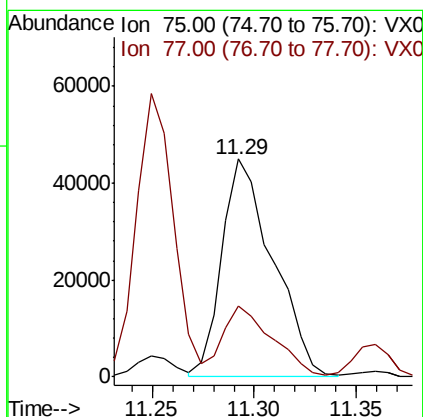
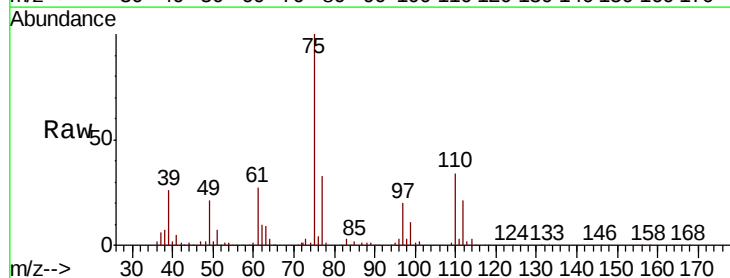
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

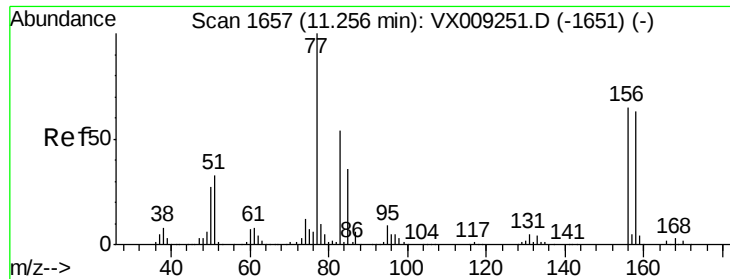
Tgt Ion: 83 Resp: 66281
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.0
 85 64.1 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 29.223 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 75 Resp: 78083
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 86.4





#73

Bromobenzene

Concen: 21.472 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

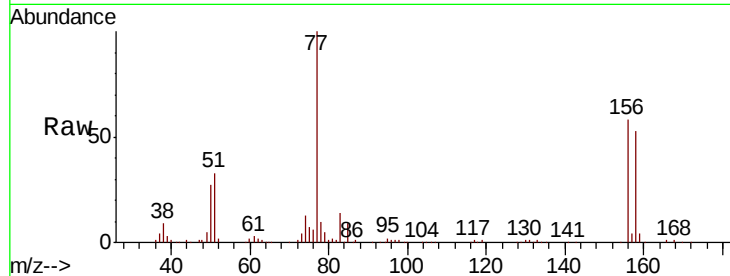
Tgt Ion:156 Resp: 44916

Ion Ratio Lower Upper

156 100

77 165.1 0.0 335.6

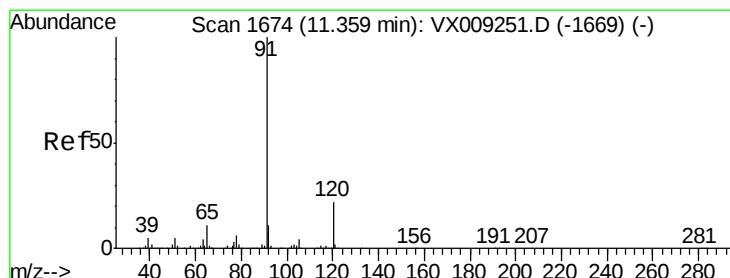
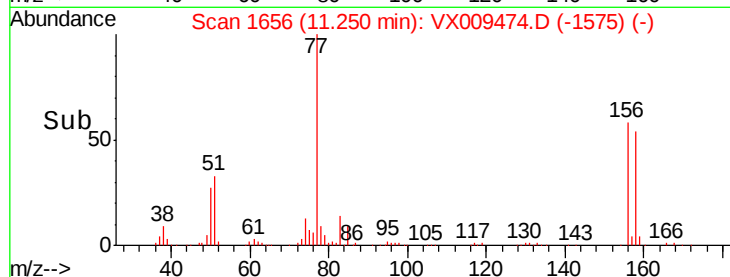
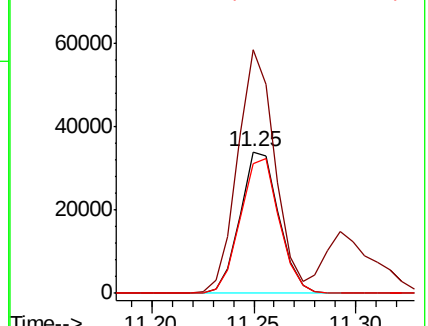
158 95.8 0.0 191.2



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: 21.180 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009474.D

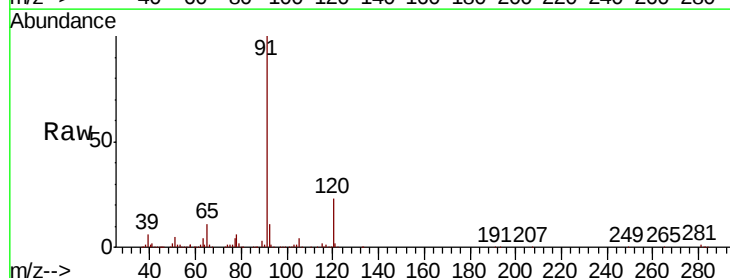
Acq: 10 May 2019 11:41

Tgt Ion: 91 Resp: 207792

Ion Ratio Lower Upper

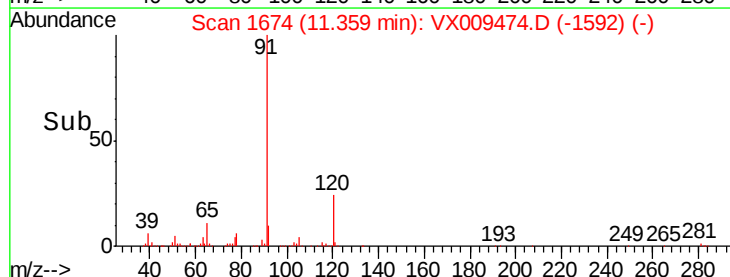
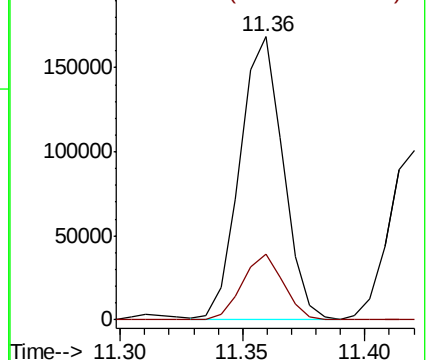
91 100

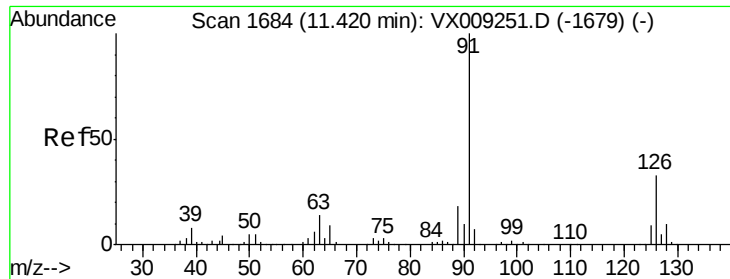
120 22.2 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.330 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

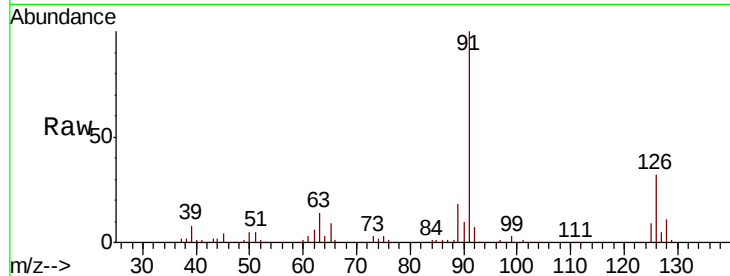
VX0510WBS01

Tgt Ion: 91 Resp: 125519

Ion Ratio Lower Upper

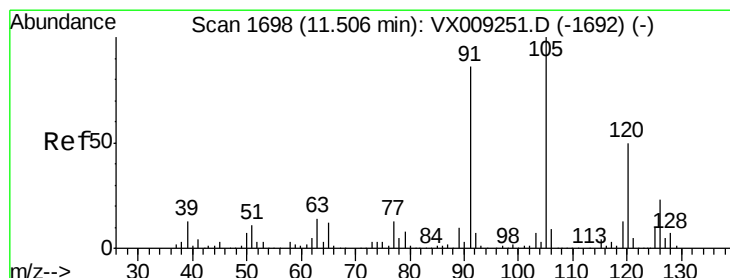
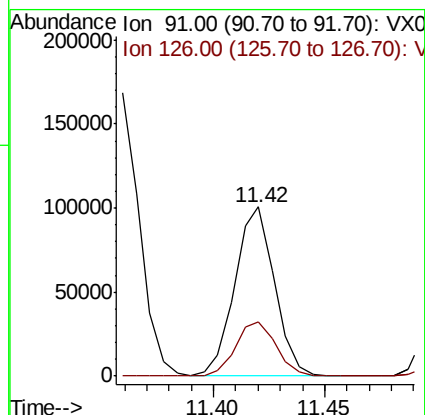
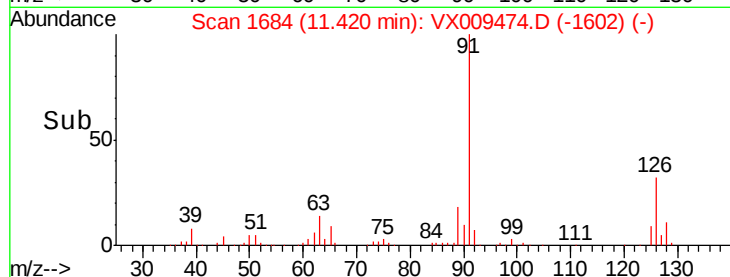
91 100

126 32.6 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009474.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX009474.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.226 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009474.D

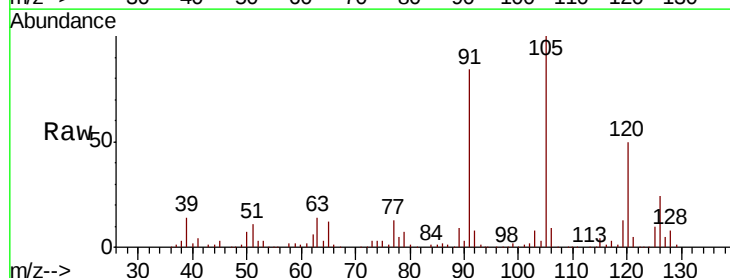
Acq: 10 May 2019 11:41

Tgt Ion: 105 Resp: 152220

Ion Ratio Lower Upper

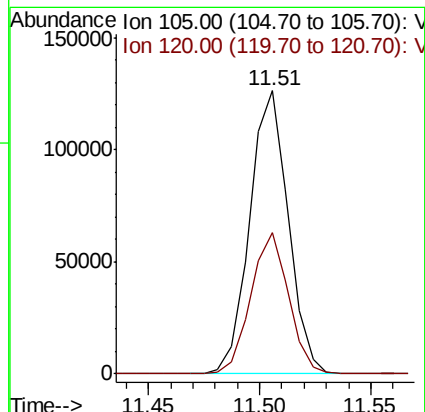
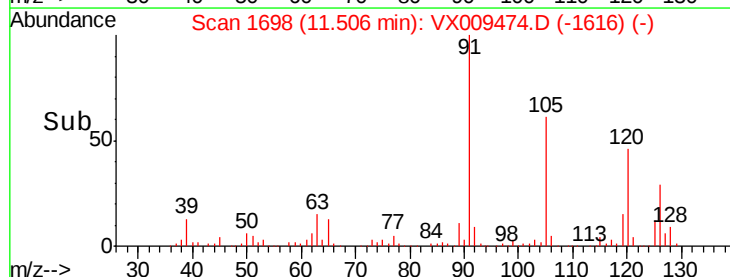
105 100

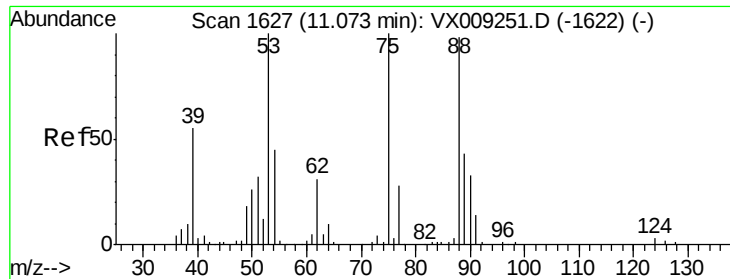
120 48.9 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009474.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX009474.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.771 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

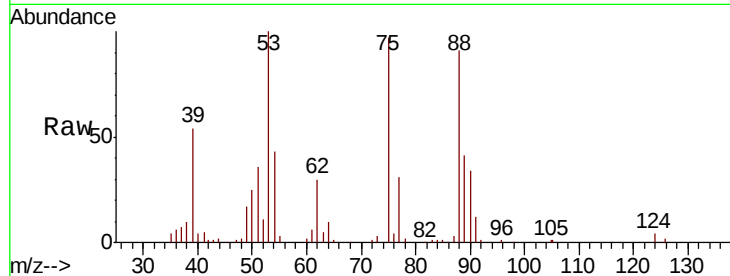
Tgt Ion: 75 Resp: 21309

Ion Ratio Lower Upper

75 100

53 102.8 50.0 149.8

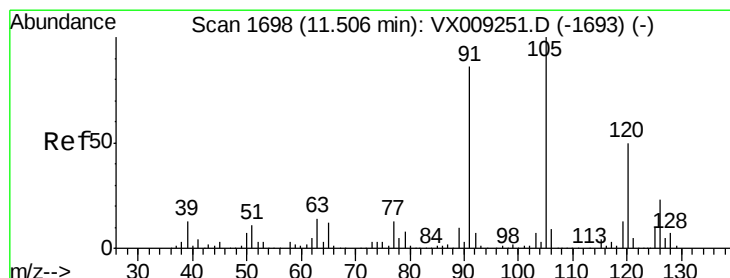
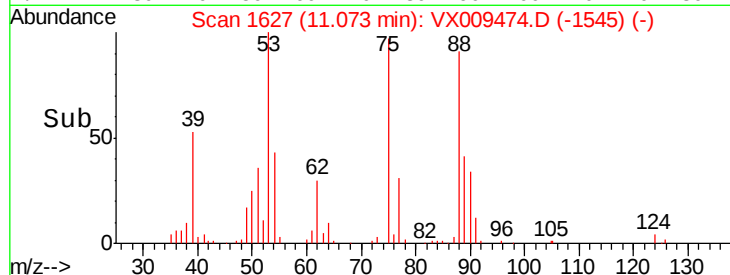
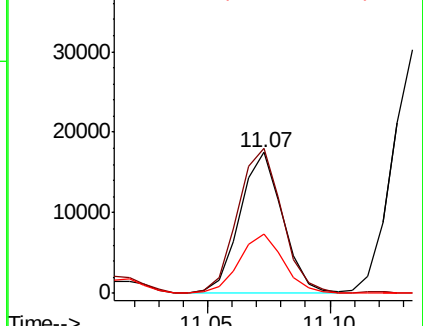
89 42.3 21.6 65.0



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: 21.110 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009474.D

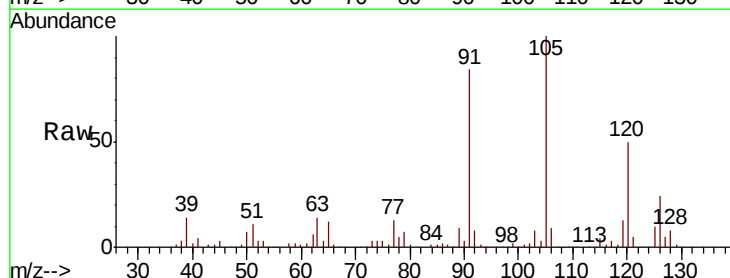
Acq: 10 May 2019 11:41

Tgt Ion: 91 Resp: 141091

Ion Ratio Lower Upper

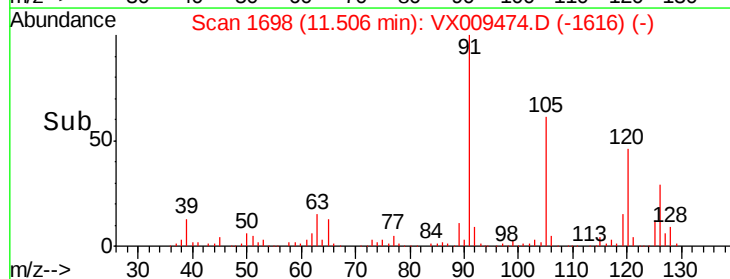
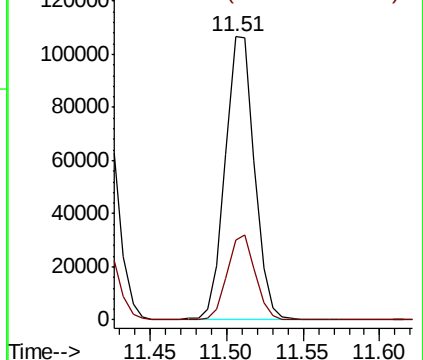
91 100

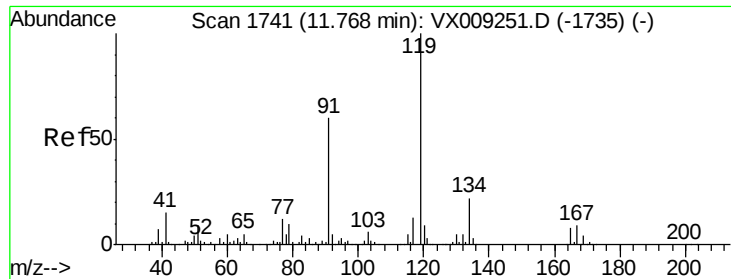
126 28.9 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

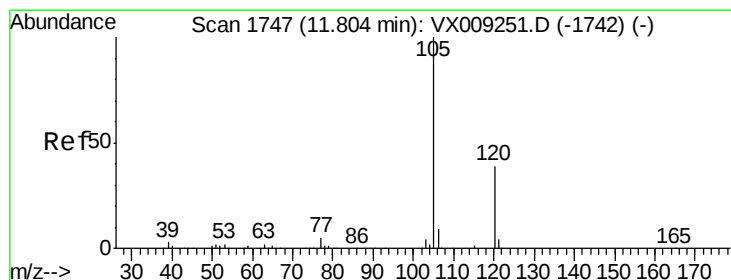
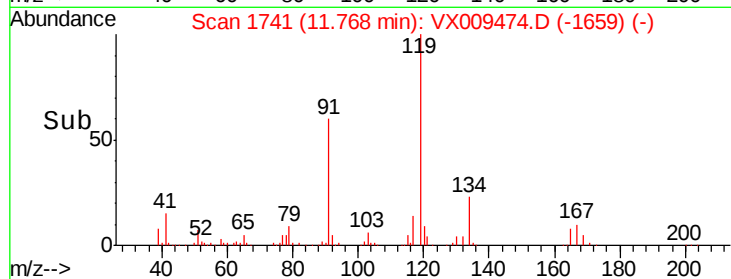
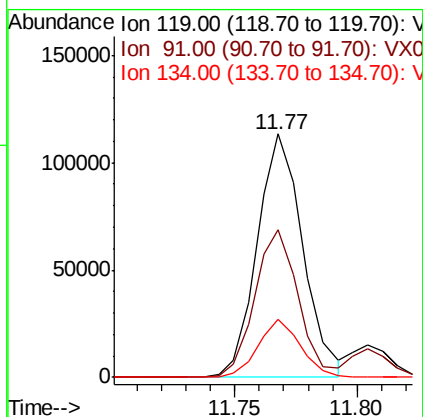
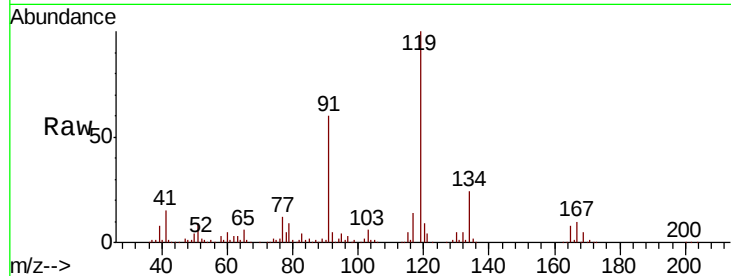




#79
tert-butylbenzene
Concen: 21.356 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

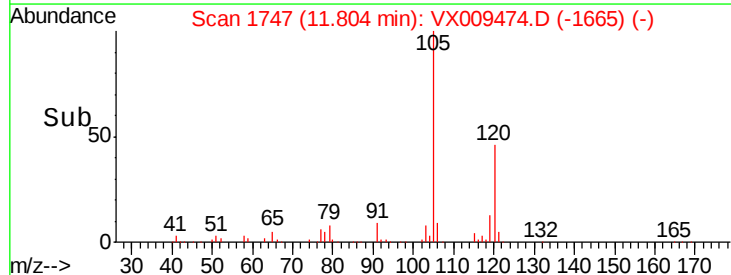
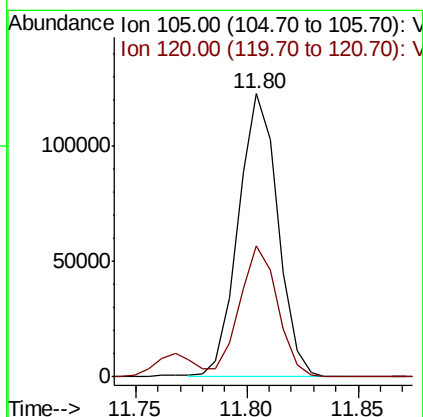
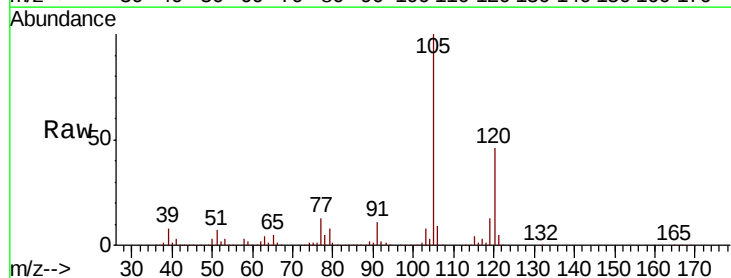
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

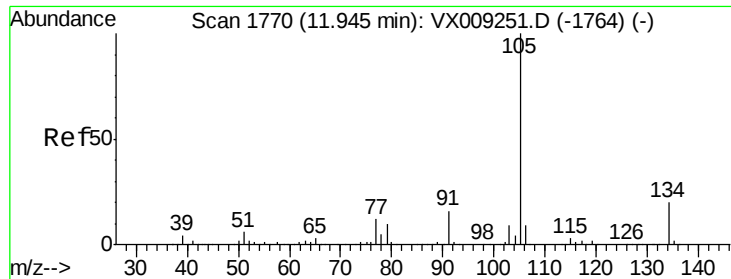
Tgt Ion:119 Resp: 148059
Ion Ratio Lower Upper
119 100
91 58.1 0.0 118.2
134 22.0 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 21.101 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion:105 Resp: 151670
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.6





#81

sec-Butylbenzene

Concen: 21.177 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

Instrument :

MSVOA_X

ClientSampleId :

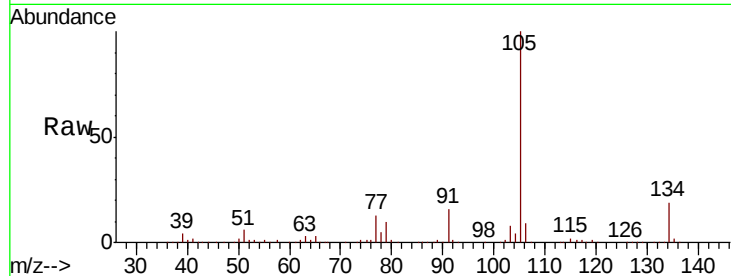
VX0510WBS01

Tgt Ion:105 Resp: 174431

Ion Ratio Lower Upper

105 100

134 19.1 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

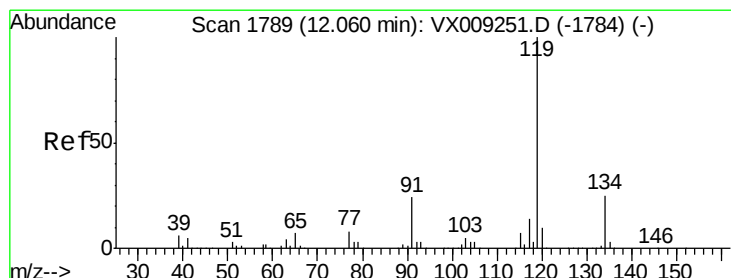
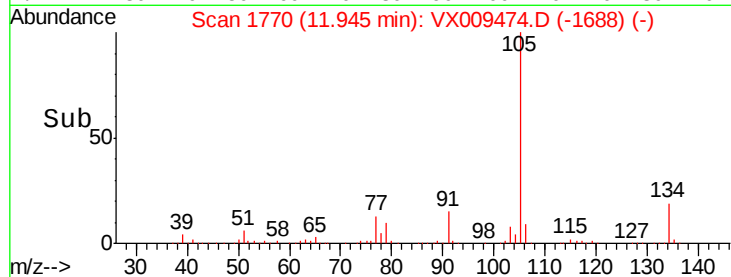
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 21.154 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009474.D

Acq: 10 May 2019 11:41

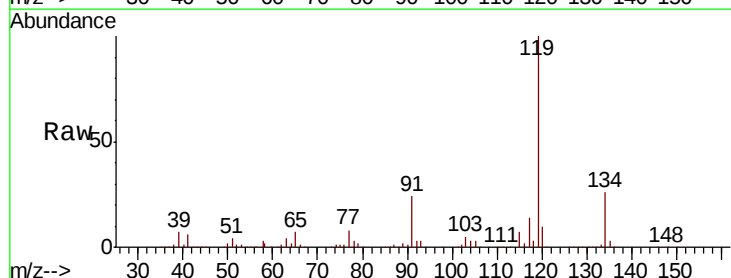
Tgt Ion:119 Resp: 158498

Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

91 23.9 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

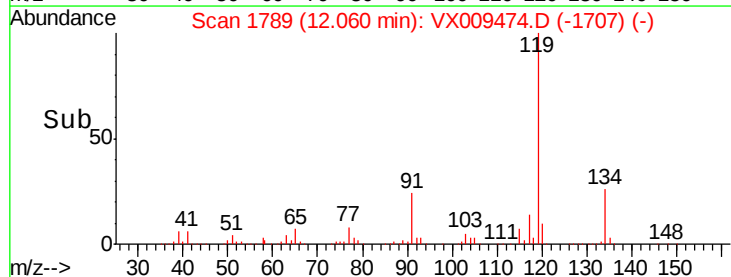
150000

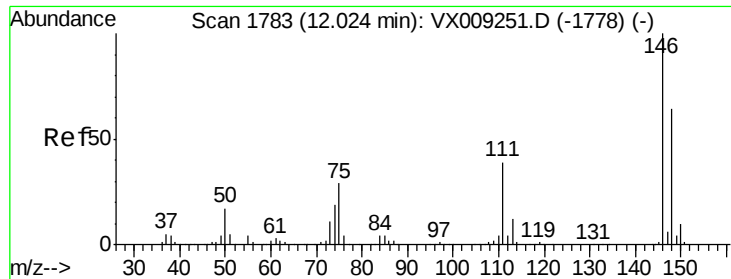
100000

50000

0

Time-->

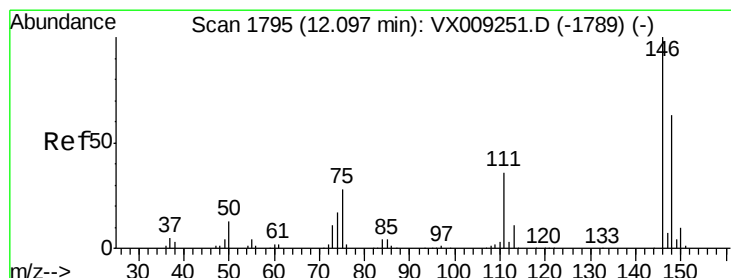
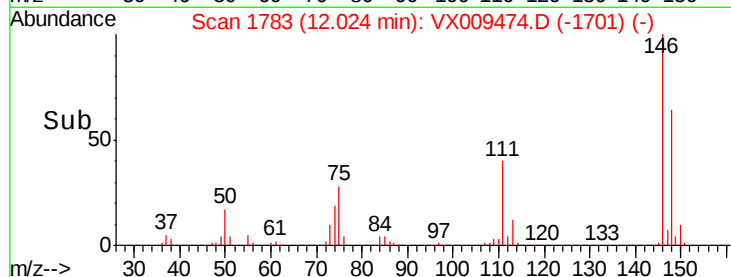
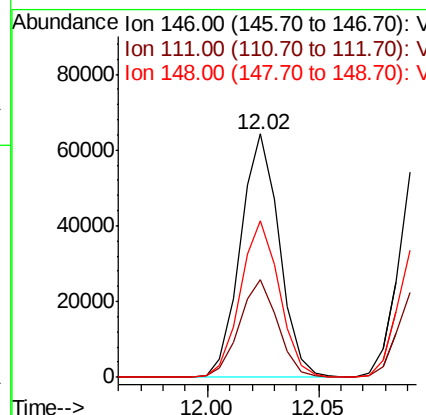
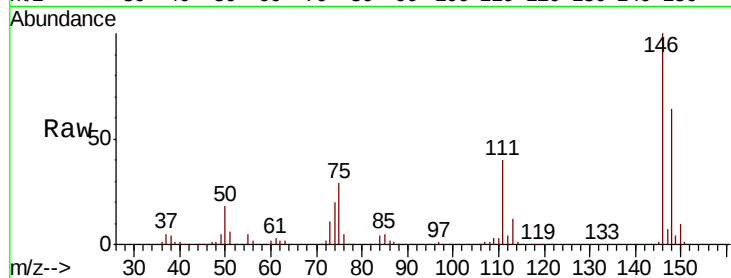




#83
 1,3-Dichlorobenzene
 Concen: 20.811 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

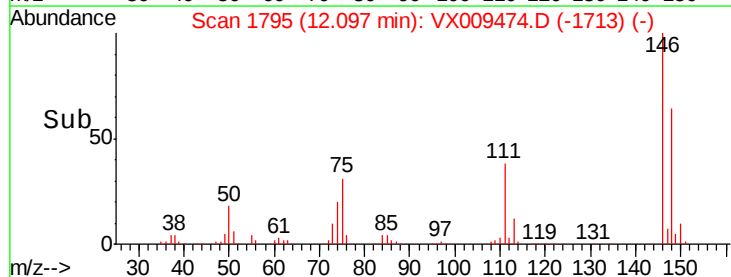
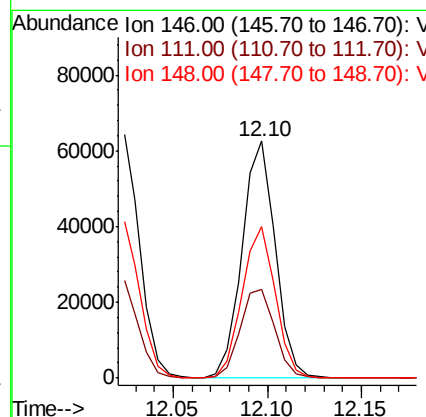
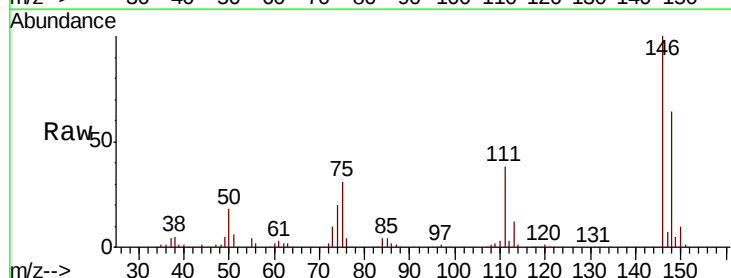
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

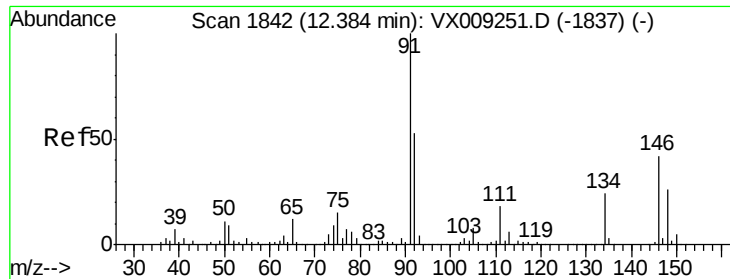
Tgt Ion:146 Resp: 77742
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 64.9 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.560 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion:146 Resp: 76521
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 64.0 32.3 96.8

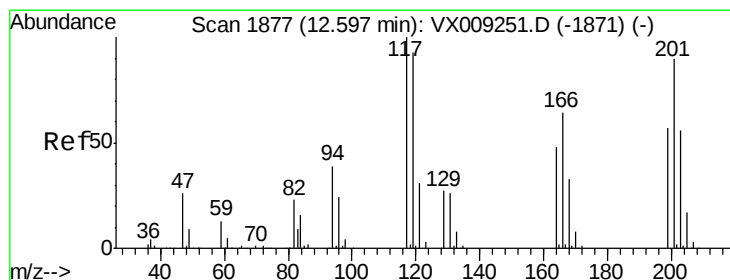
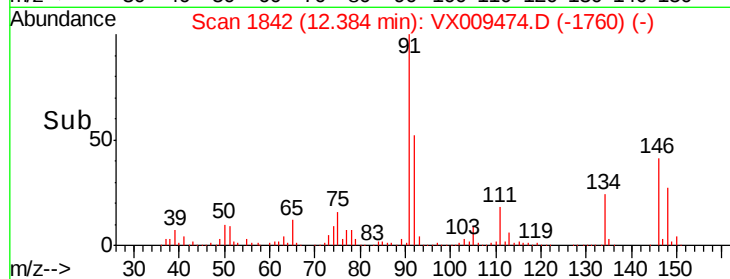
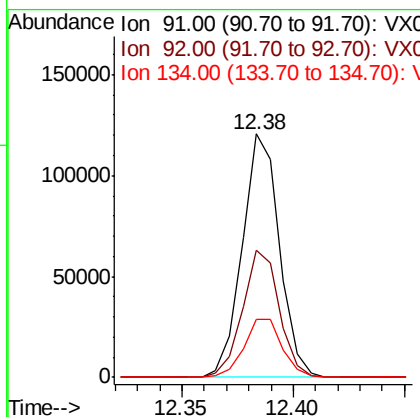
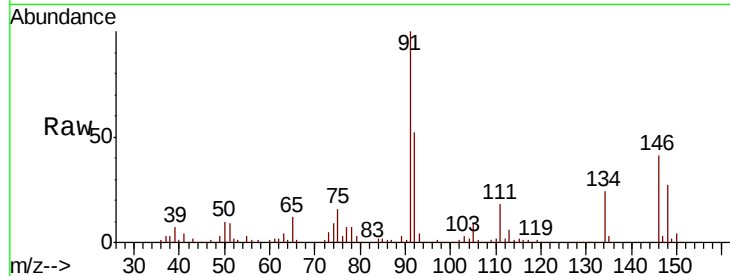




#85
n-Butylbenzene
Concen: 20.521 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

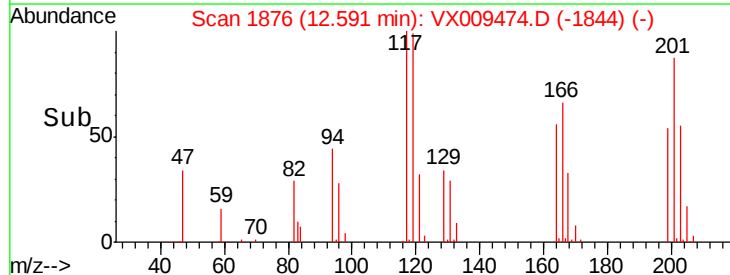
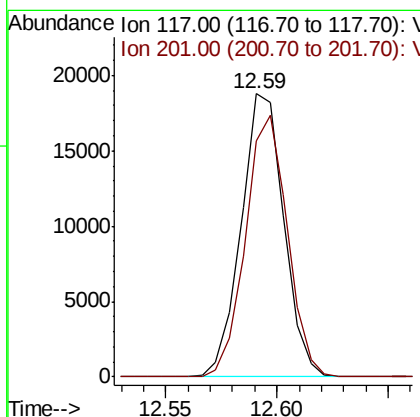
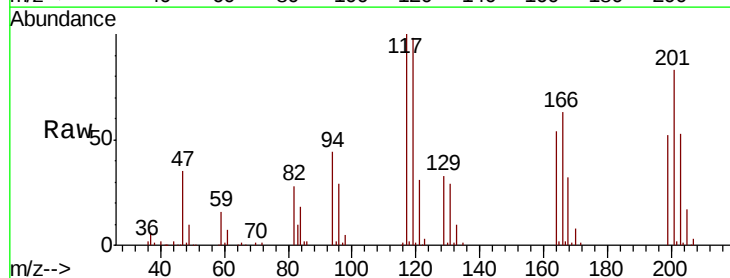
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

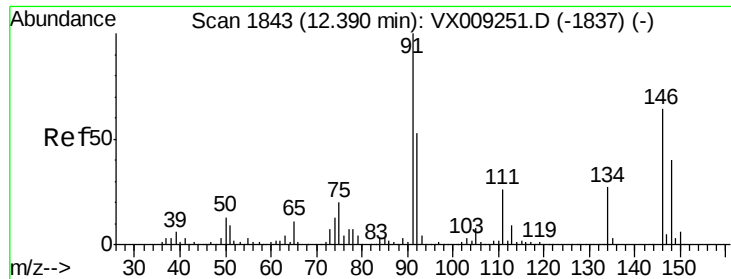
Tgt Ion: 91 Resp: 140690
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.6
134 24.6 0.0 50.0



#86
Hexachloroethane
Concen: 19.712 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion: 117 Resp: 25132
Ion Ratio Lower Upper
117 100
201 90.5 41.8 125.4

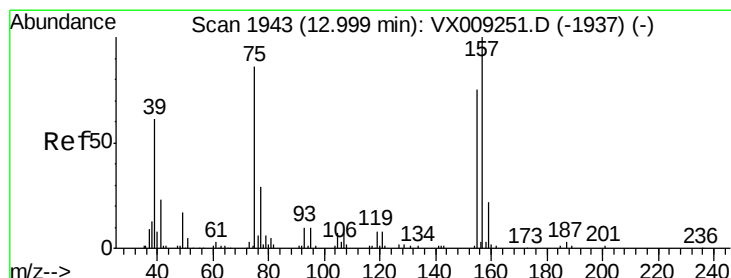
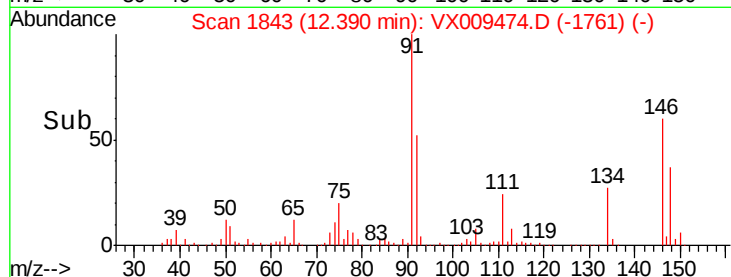
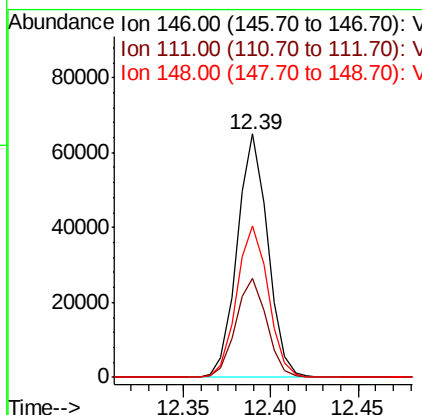
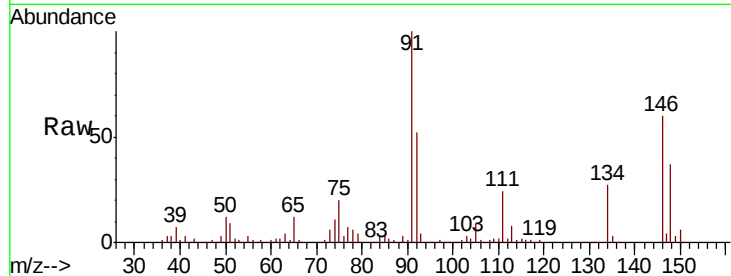




#87
 1,2-Dichlorobenzene
 Concen: 21.002 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

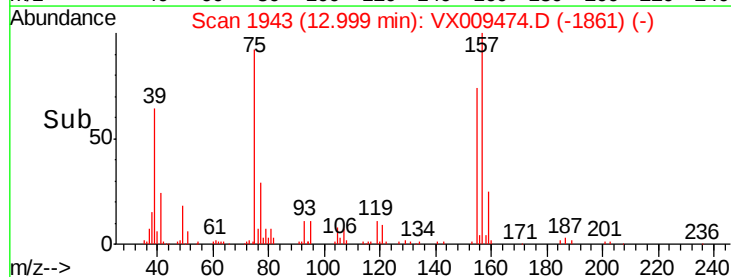
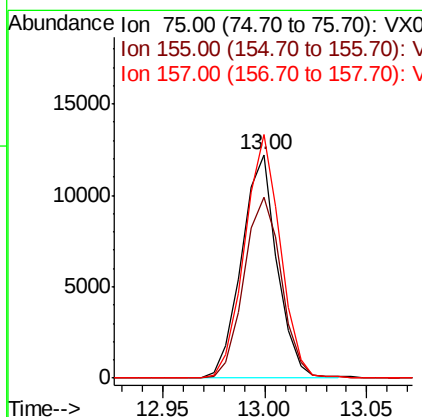
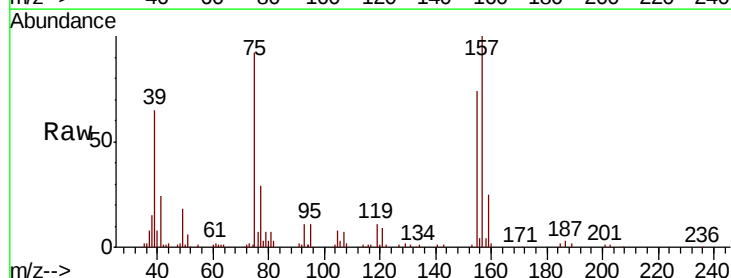
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

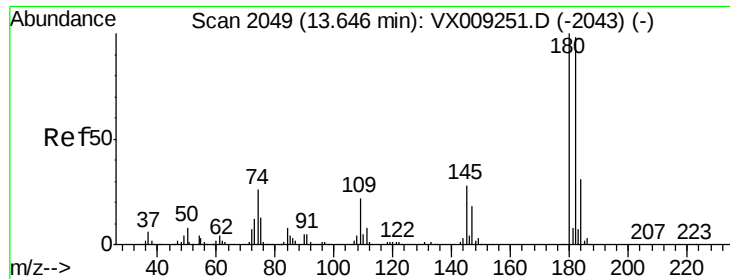
Tgt Ion: 146 Resp: 78975
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 64.5 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.548 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion: 75 Resp: 14805
 Ion Ratio Lower Upper
 75 100
 155 85.4 65.9 98.9
 157 109.1 85.2 127.8

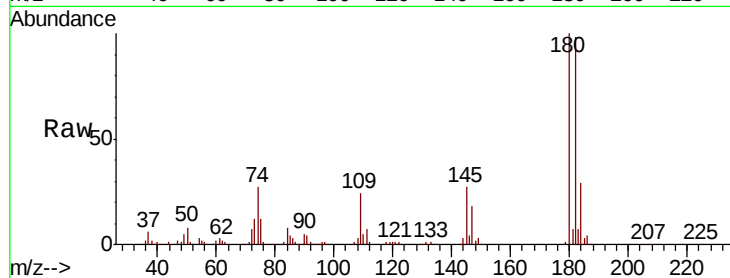




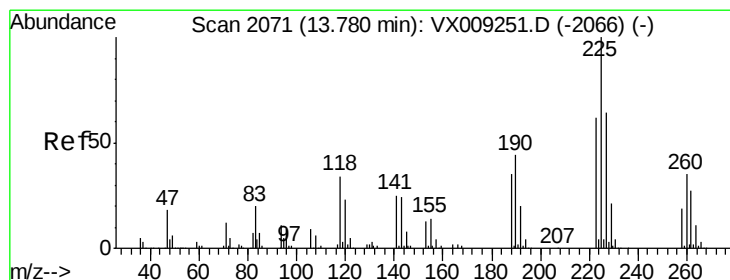
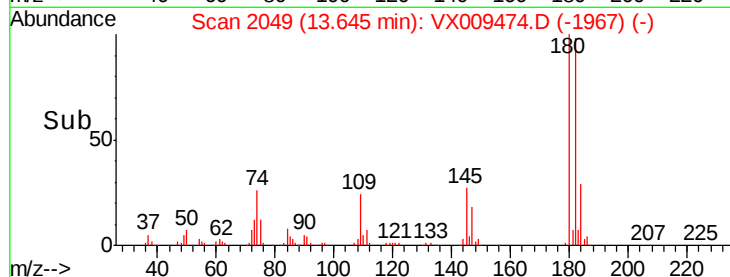
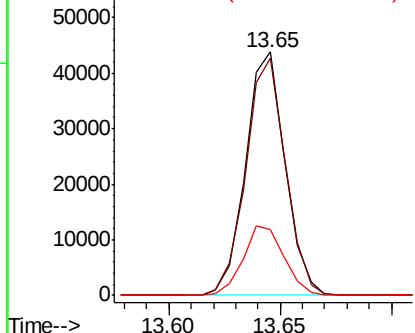
#89
 1,2,4-Trichlorobenzene
 Concen: 20.303 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tgt Ion:180 Resp: 54418
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.9 115.3
 145 29.6 23.0 34.6

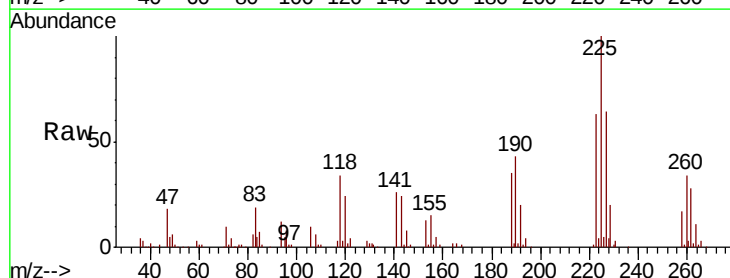


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

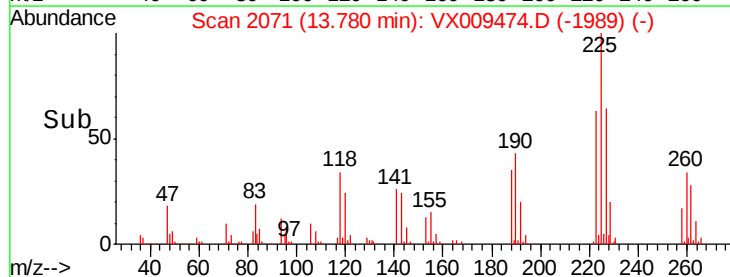
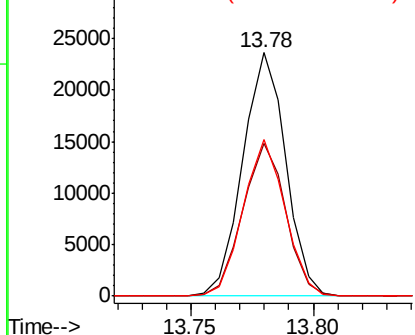


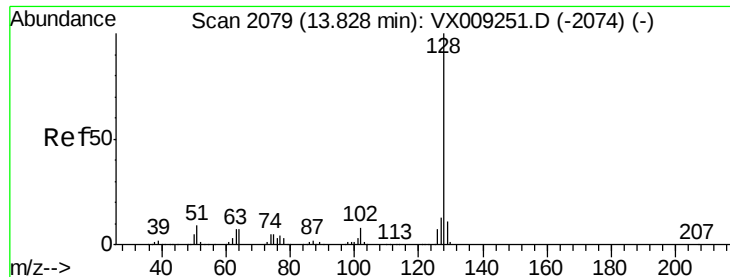
#90
 Hexachlorobutadiene
 Concen: 21.523 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009474.D
 Acq: 10 May 2019 11:41

Tgt Ion:225 Resp: 28815
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 126.6
 227 62.6 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

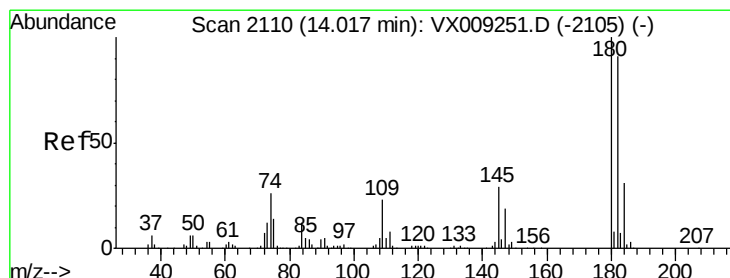
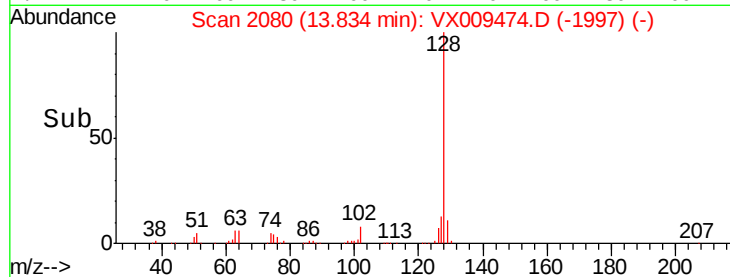
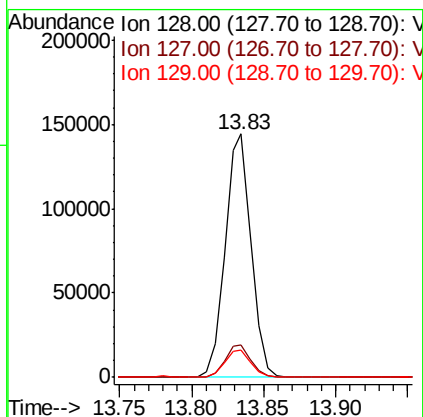
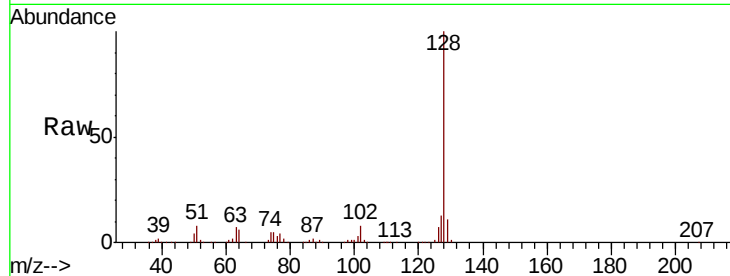




#91
Naphthalene
Concen: 20.846 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion:128 Resp: 182931
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.890 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009474.D
Acq: 10 May 2019 11:41

Tgt Ion:180 Resp: 56914
Ion Ratio Lower Upper
180 100
182 96.5 0.0 189.0
145 30.4 0.0 61.6

