

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014693.D
 Acq On : 24 Jan 2020 13:31
 Operator : JC/SP
 Sample : VX0124WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

Quant Time: Jan 24 22:25:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	71741	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	393632	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	361044	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	154233	30.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.97%
60) 4-Bromofluorobenzene	11.13	95	172351	29.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.71	98	486938	29.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	107213	21.624	ug/l 99
3) Chloromethane	1.32	50	110191	20.300	ug/l 94
4) Vinyl Chloride	1.40	62	125052	20.517	ug/l 100
5) Bromomethane	1.64	94	72201	18.984	ug/l 97
6) Chloroethane	1.72	64	71017	20.669	ug/l 98
7) Trichlorofluoromethane	1.92	101	139516	20.673	ug/l 98
8) Diethyl Ether	2.18	74	58473	19.837	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82641	20.931	ug/l 97
10) 1,1-Dichloroethene	2.37	96	79580	20.038	ug/l 94
11) Methyl Iodide	2.50	142	100721	18.911	ug/l 97
12) Methyl Acetate	2.76	43	146317	20.395	ug/l 100
13) Acrolein	2.28	56	64571	85.687	ug/l 98
14) Acrylonitrile	3.13	53	240382	97.922	ug/l 99
15) Acetone	2.43	58	78161	94.974	ug/l 87
16) Carbon Disulfide	2.56	76	211512	19.392	ug/l 99
17) Allyl chloride	2.72	41	144493	19.659	ug/l 97
18) Methylene Chloride	2.84	84	93115	20.033	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	86503	20.233	ug/l 95
20) Diisopropyl ether	3.84	45	297122	20.432	ug/l 94
21) 1,1-Dichloroethane	3.69	63	161212	20.407	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	99398	20.232	ug/l 97
23) tert-Butyl Alcohol	3.02	59	98566	97.087	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	263029	19.901	ug/l 96
25) Chloroform	5.20	83	158007	20.647	ug/l 98
26) Cyclohexane	5.56	56	150785	20.693	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	119112	20.633	ug/l 98
30) 2-Butanone	4.65	43	351793	96.199	ug/l 100
31) 2,2-Dichloropropane	4.58	77	126991	20.559	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	130339	20.408	ug/l 99
33) Carbon Tetrachloride	5.78	117	112922	20.594	ug/l 97
34) Benzene	6.13	78	361628	20.272	ug/l 99
35) Methacrylonitrile	5.03	41	70004	19.167	ug/l 95
36) 1,2-Dichloroethane	6.18	62	126955	20.450	ug/l 99
37) Trichloroethene	7.20	130	101082	20.695	ug/l 92
38) Methylcyclohexane	7.46	83	148423	20.649	ug/l 99
39) 1,2-Dichloropropane	7.50	63	93204	20.092	ug/l 94
40) Dibromomethane	7.65	93	60558	20.313	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

Quant Time: Jan 24 22:25:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	116817	20.010	ug/l	98
42) Vinyl Acetate	3.80	43	1083721	96.148	ug/l	98
43) Ethyl Acetate	4.81	43	128011	19.337	ug/l	96
44) Isopropyl Acetate	6.43	43	208659	19.539	ug/l	99
45) 1,4-Dioxane	7.73	88	42086	393.969	ug/l	94
46) Methyl methacrylate	7.76	41	103276	19.665	ug/l	99
47) n-amyl Acetate	10.89	43	172930	19.326	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	126341	19.822	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	142307	19.815	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	93950	20.710	ug/l	99
51) Ethyl methacrylate	9.17	69	138791	19.650	ug/l	95
52) 1,3-Dichloropropane	9.37	76	154641	20.120	ug/l	98
53) Dibromochloromethane	9.57	129	92715	19.982	ug/l	99
54) 1,2-Dibromoethane	9.67	107	96041	20.414	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	303388	93.462	ug/l	100
56) Bromoform	10.85	173	67476	18.880	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	667172	98.127	ug/l	99
59) 2-Hexanone	9.48	43	513432	97.642	ug/l	99
61) Tetrachloroethene	9.33	164	118710	22.245	ug/l	96
62) Toluene	8.78	91	385548	20.128	ug/l	99
64) Chlorobenzene	10.13	112	238752	19.966	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	87676	19.852	ug/l	98
66) Ethyl Benzene	10.25	91	421757	20.215	ug/l	98
67) m/p-Xylenes	10.35	106	324063	40.550	ug/l	98
68) o-Xylene	10.70	106	151846	19.512	ug/l	96
69) Styrene	10.71	104	265062	20.103	ug/l	98
70) Isopropylbenzene	11.01	105	420261	20.614	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	133217	19.398	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	153985	26.213	ug/l	95
73) Bromobenzene	11.25	156	109576	20.275	ug/l	98
74) n-propylbenzene	11.35	91	483187	20.741	ug/l	98
75) 2-Chlorotoluene	11.42	91	280585	20.096	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	350402	20.626	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41425	18.323	ug/l	95
78) 4-Chlorotoluene	11.51	91	323648	20.411	ug/l	99
79) tert-butylbenzene	11.76	119	314520	19.786	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	347107	20.486	ug/l	100
81) sec-Butylbenzene	11.94	105	405211	20.601	ug/l	99
82) p-Isopropyltoluene	12.06	119	365149	20.335	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	191823	20.328	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	193234	20.654	ug/l	98
85) n-Butylbenzene	12.39	91	315994	20.113	ug/l	99
86) Hexachloroethane	12.59	117	64905	20.157	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	190683	20.026	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28628	19.515	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	124886	19.871	ug/l	99
90) Hexachlorobutadiene	13.78	225	66160	21.068	ug/l	99
91) Naphthalene	13.83	128	365632	19.273	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	127371	19.911	ug/l	98

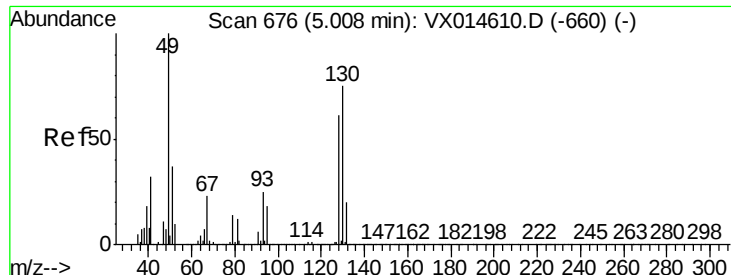
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
Data File : VX014693.D
Acq On : 24 Jan 2020 13:31
Operator : JC/SP
Sample : VX0124WBS01
Misc : 5.0mL/MSVOA X/WATER
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ClientSampleId :
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Quant Time: Jan 24 22:25:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

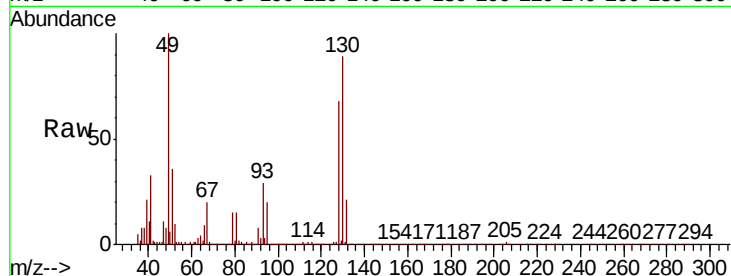
Tot Ion:128 Resp: 71741

Ion Ratio Lower Upper

128 100

49 156.3 0.0 405.0

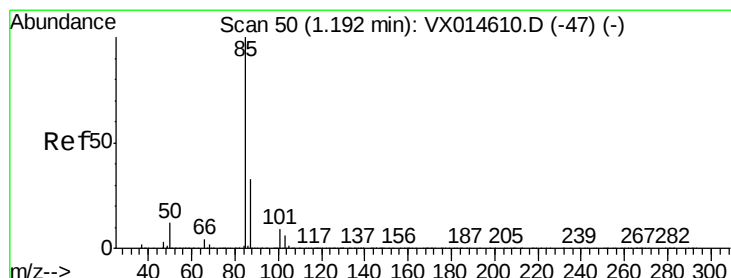
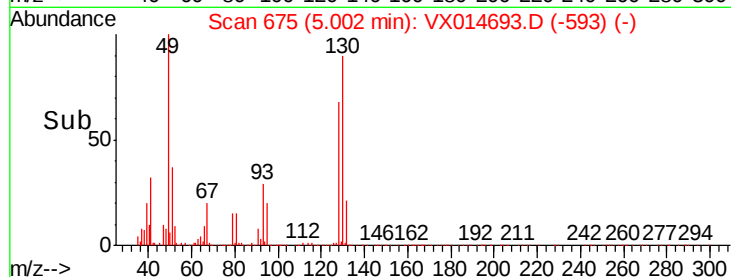
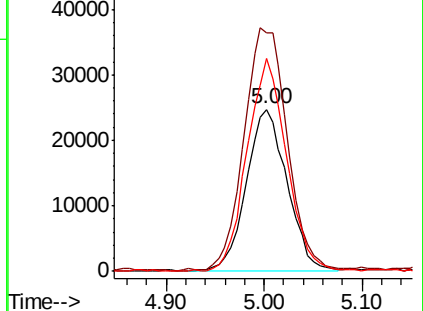
130 127.7 0.0 321.5



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: 21.624 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014693.D

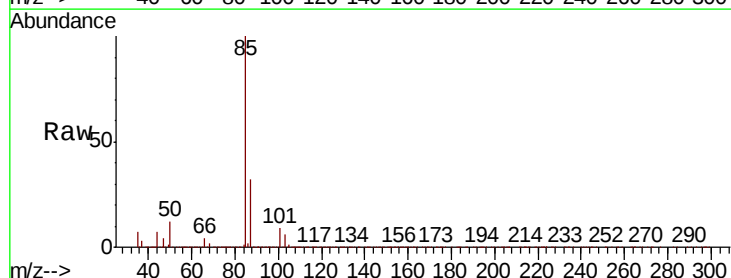
Acq: 24 Jan 2020 13:31

Tgt Ion: 85 Resp: 107213

Ion Ratio Lower Upper

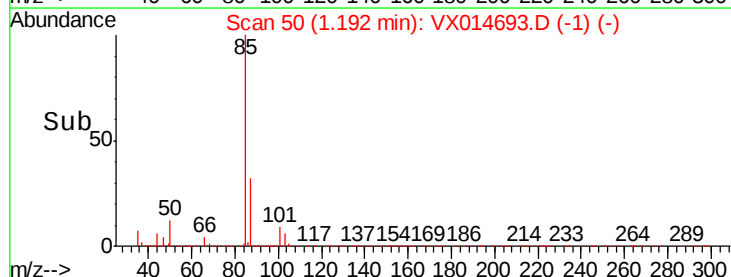
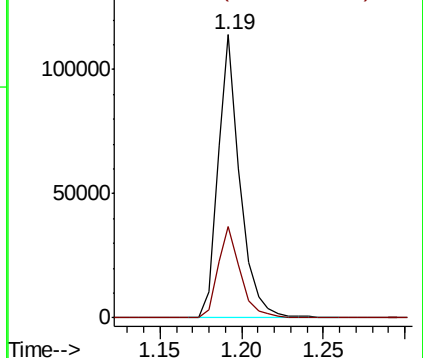
85 100

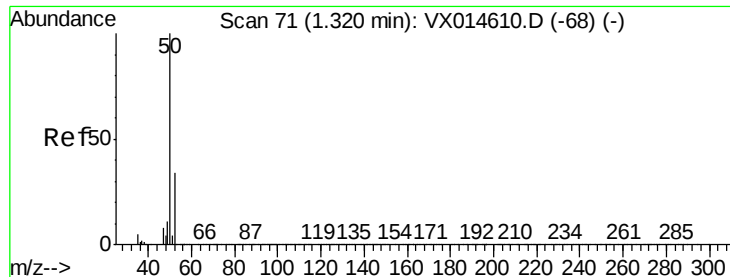
87 32.3 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.300 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampled :

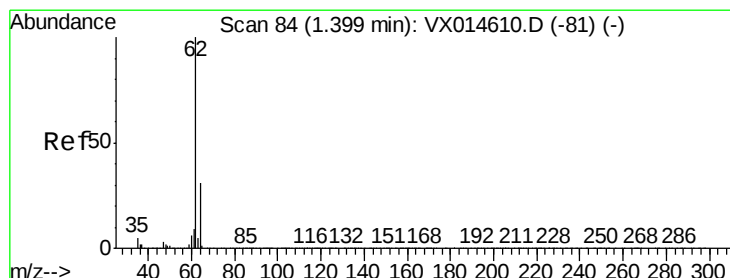
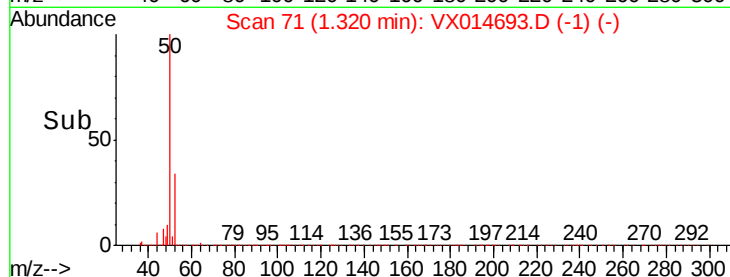
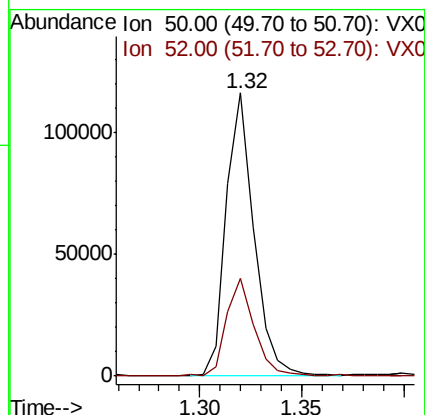
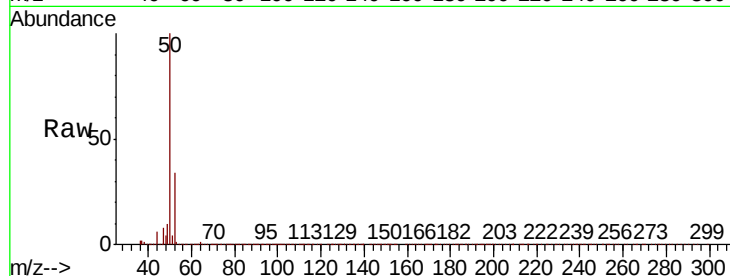
VX0124WBS01

Tot Ion: 50 Resp: 110191

Ion Ratio Lower Upper

50 100

52 33.9 24.3 36.5



#4

Vinyl Chloride

Concen: 20.517 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014693.D

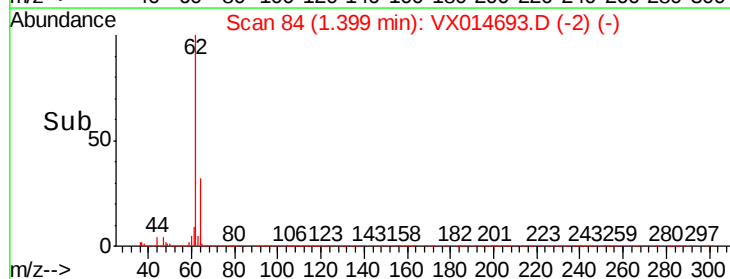
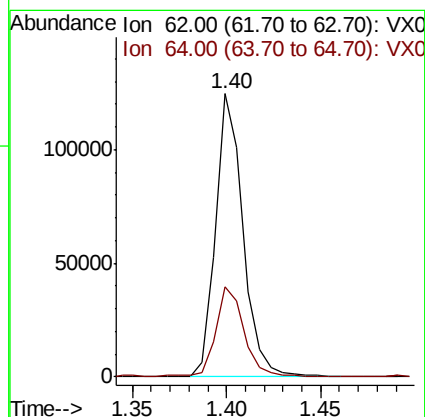
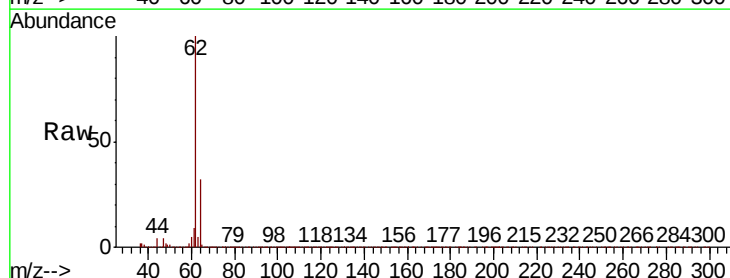
Acq: 24 Jan 2020 13:31

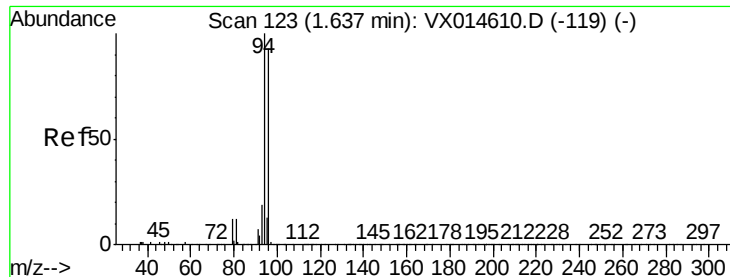
Tgt Ion: 62 Resp: 125052

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 18.984 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

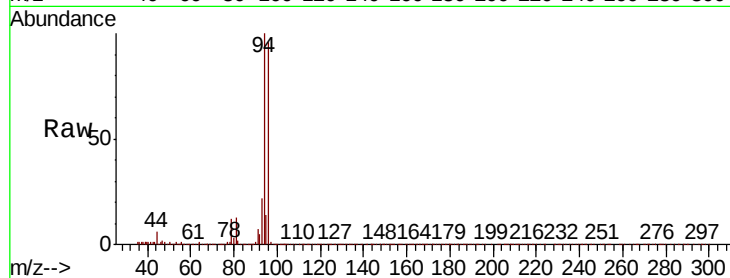
VX0124WBS01

Tot Ion: 94 Resp: 72201

Ion Ratio Lower Upper

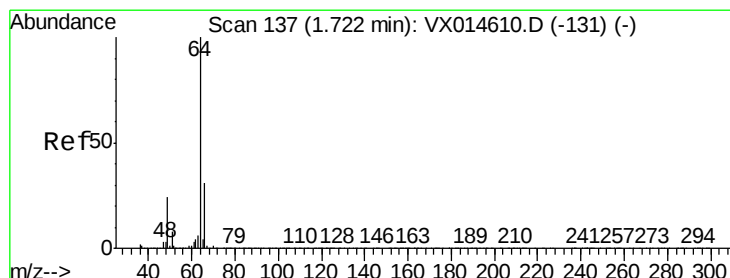
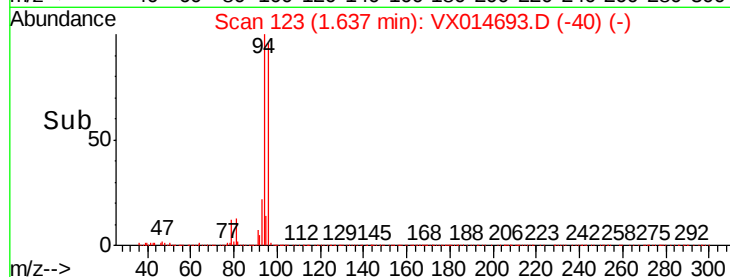
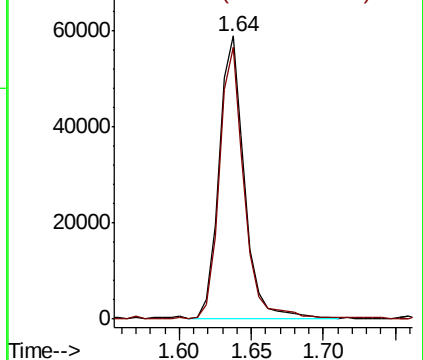
94 100

96 96.2 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.669 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014693.D

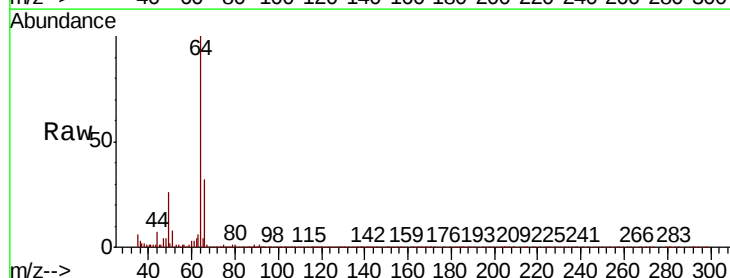
Acq: 24 Jan 2020 13:31

Tgt Ion: 64 Resp: 71017

Ion Ratio Lower Upper

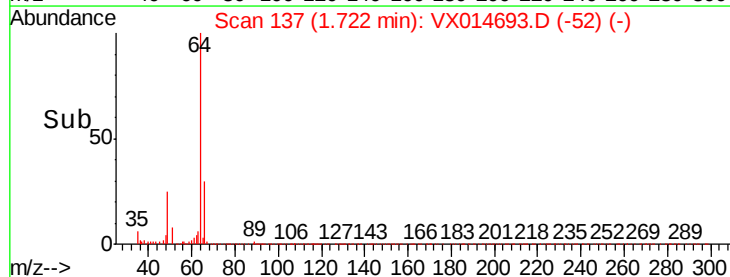
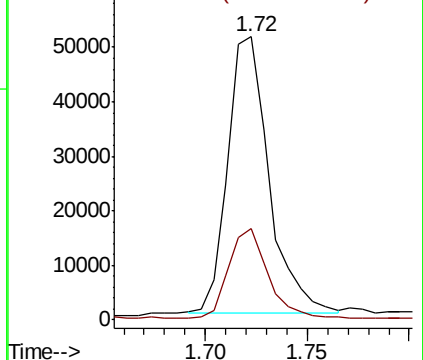
64 100

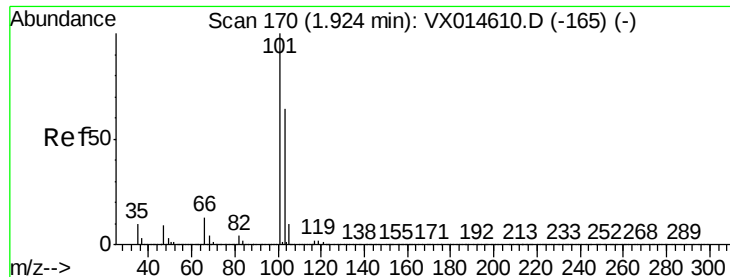
66 32.6 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



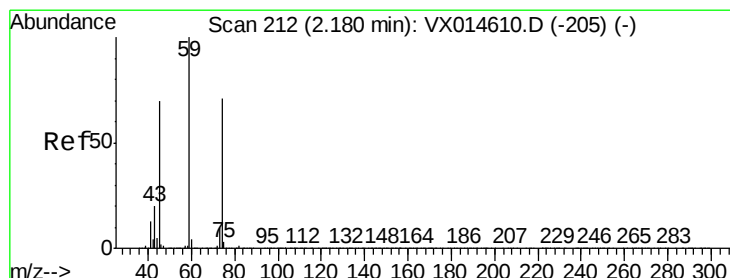
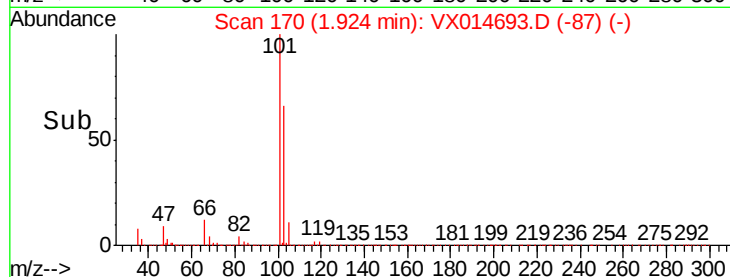
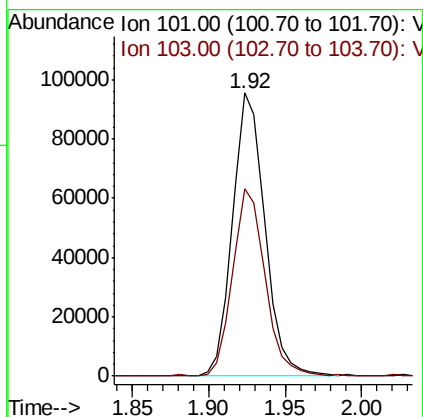
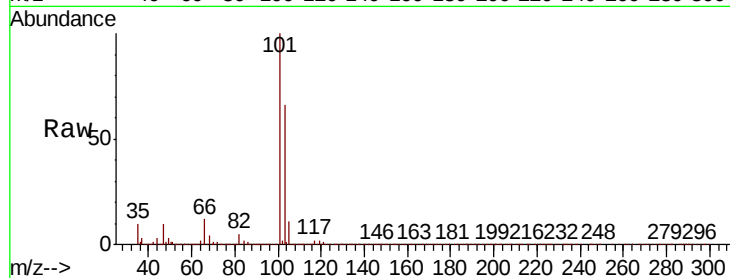


#7

Trichlorofluoromethane
Concen: 20.673 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

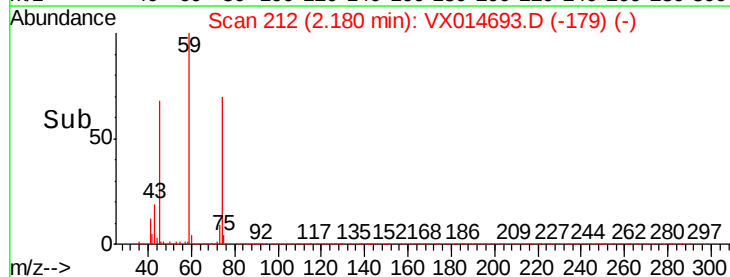
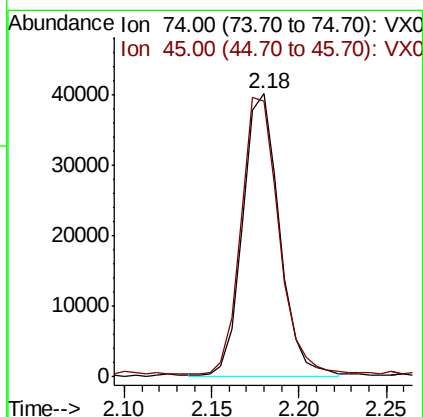
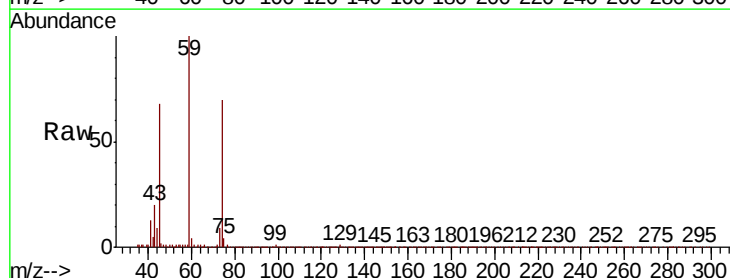
Tot Ion:101 Resp: 139516
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

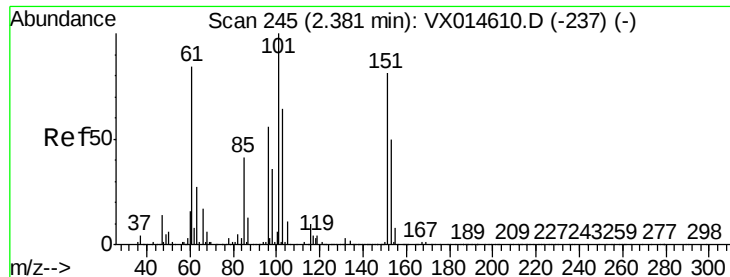


#8

Diethyl Ether
Concen: 19.837 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 74 Resp: 58473
Ion Ratio Lower Upper
74 100
45 101.7 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.931 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

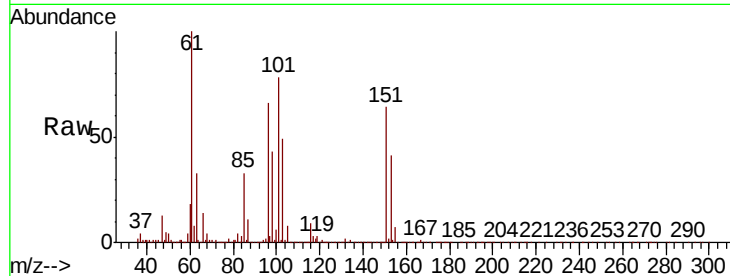
Tot Ion:101 Resp: 82641

Ion Ratio Lower Upper

101 100

85 44.1 0.0 85.6

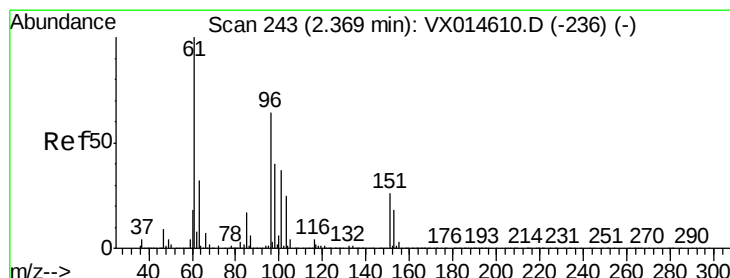
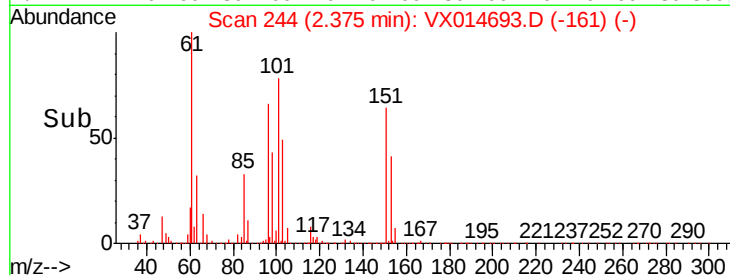
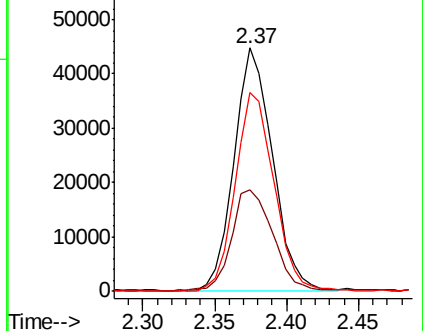
151 83.0 0.0 159.4



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: 20.038 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

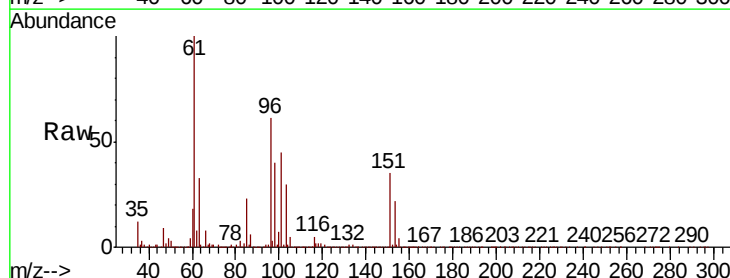
Tgt Ion: 96 Resp: 79580

Ion Ratio Lower Upper

96 100

61 164.2 123.0 184.6

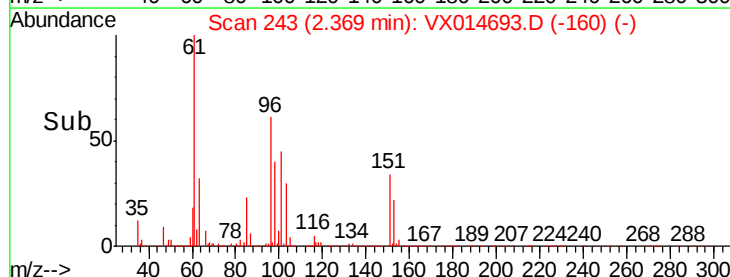
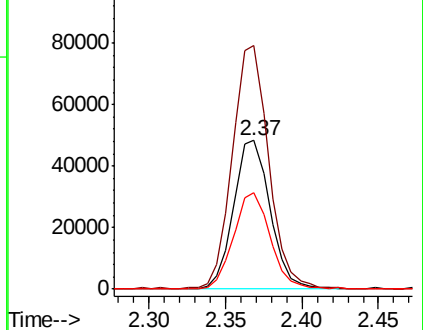
98 65.0 51.4 77.0

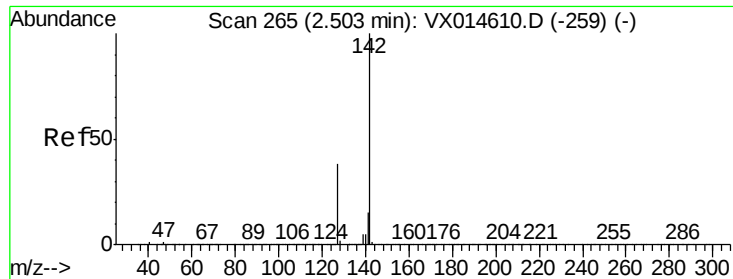


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

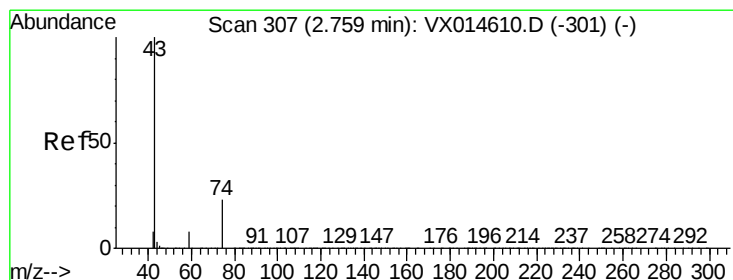
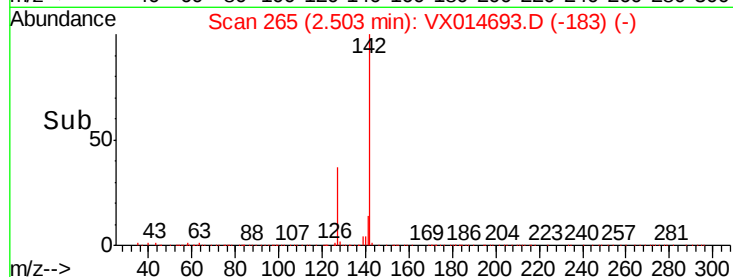
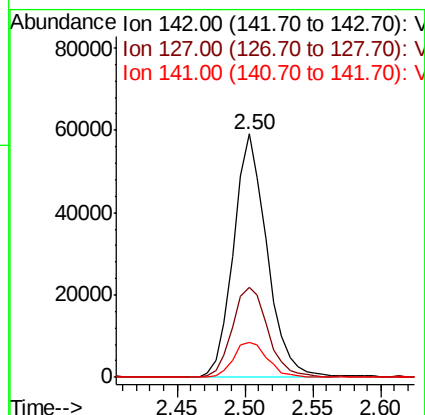
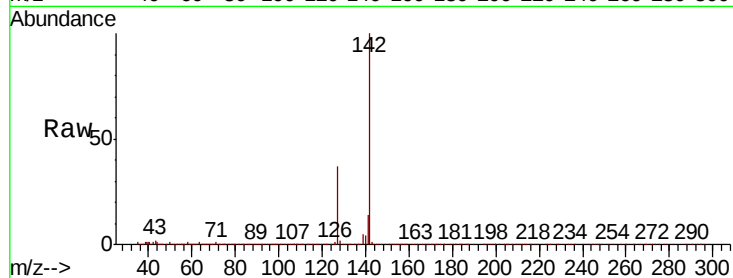




#11
Methvl Iodide
Concen: 18.911 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

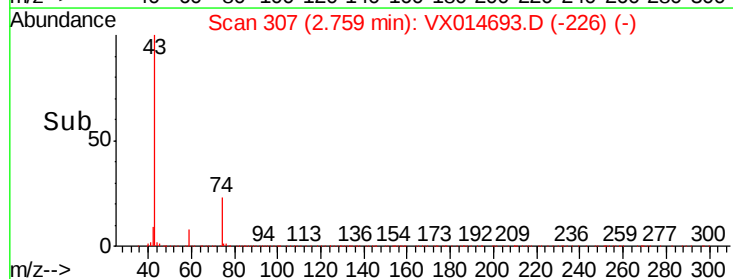
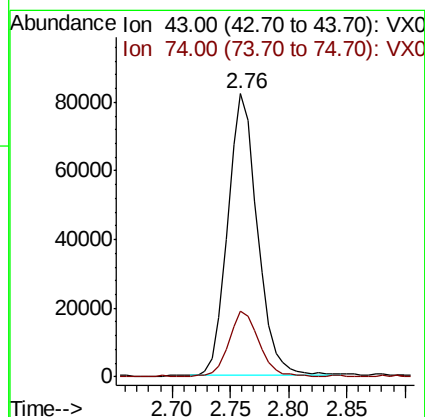
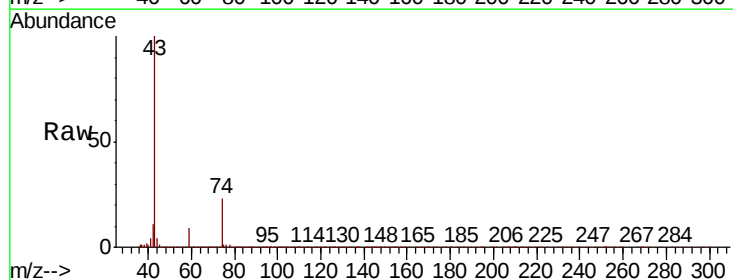
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

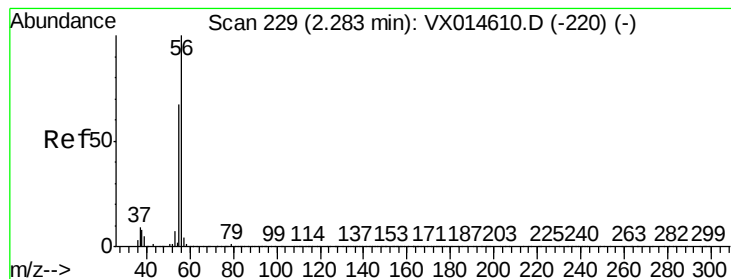
Tot Ion:142 Resp: 100721
Ion Ratio Lower Upper
142 100
127 36.4 19.5 58.5
141 14.0 7.0 20.9



#12
Methyl Acetate
Concen: 20.395 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 43 Resp: 146317
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7





#13

Acrolein

Concen: 85.687 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

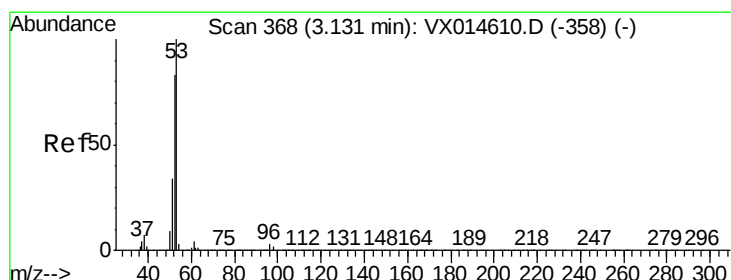
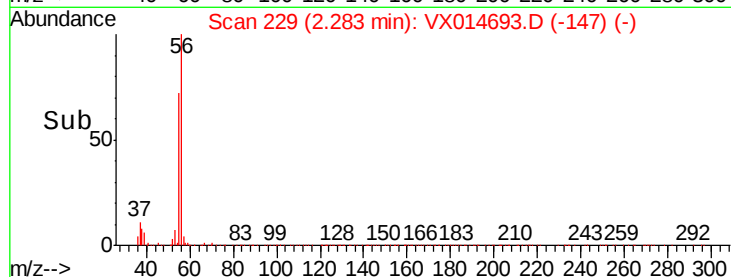
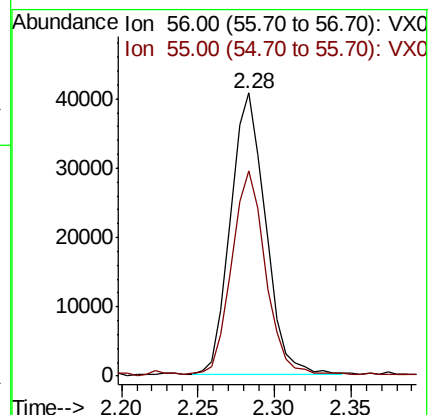
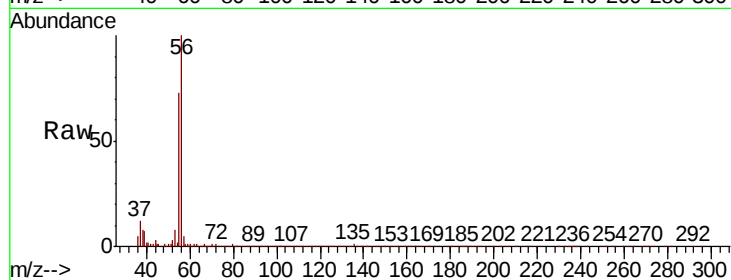
VX0124WBS01

Tot Ion: 56 Resp: 64571

Ion Ratio Lower Upper

56 100

55 70.1 54.9 82.3



#14

Acrylonitrile

Concen: 97.922 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

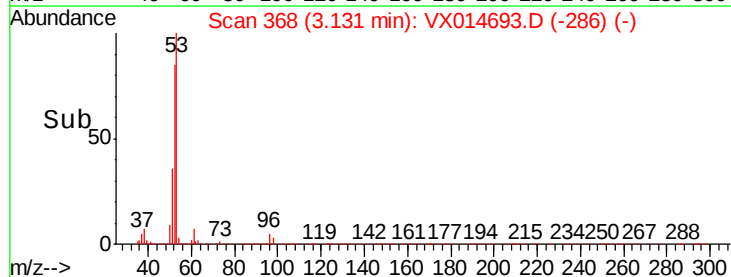
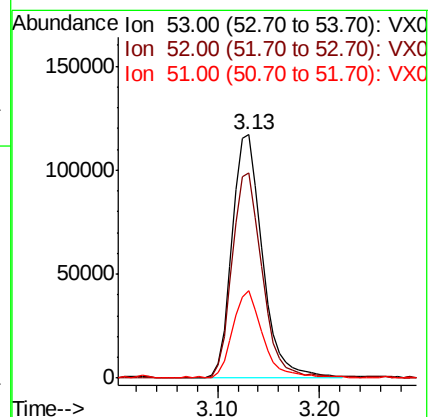
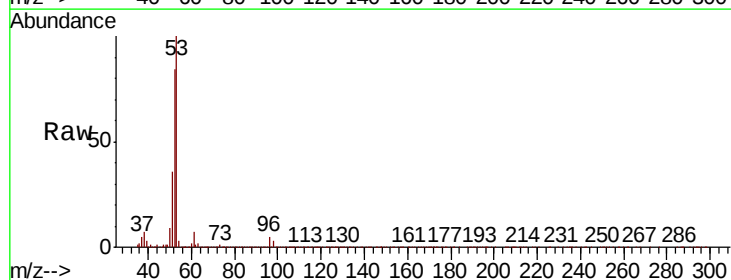
Tgt Ion: 53 Resp: 240382

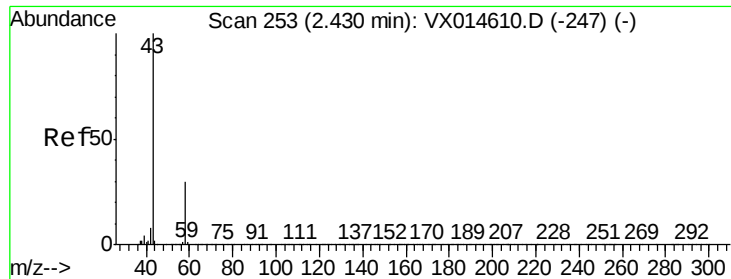
Ion Ratio Lower Upper

53 100

52 84.0 41.5 124.6

51 35.8 17.8 53.5

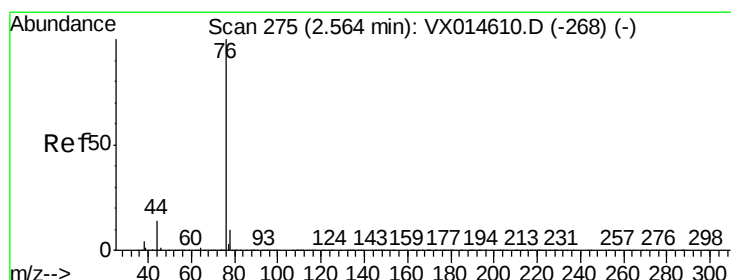
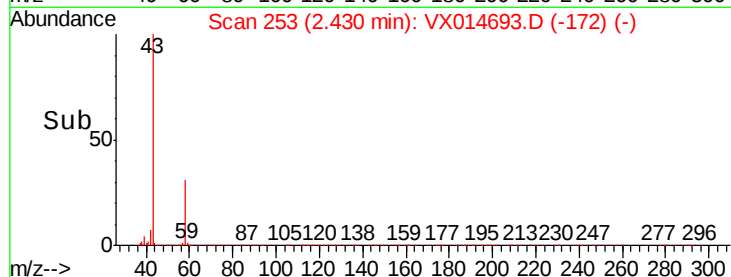
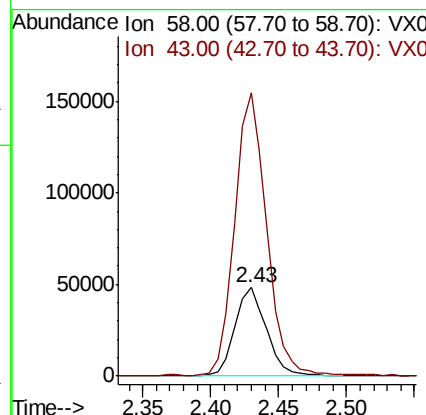
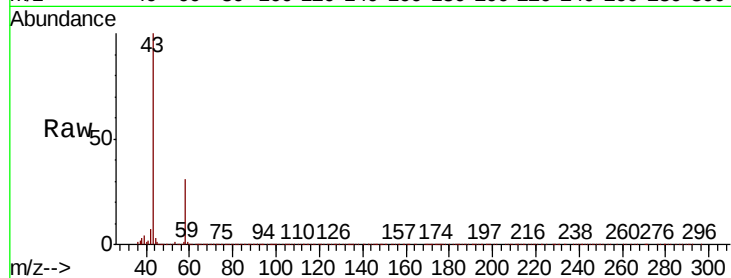




#15
Acetone
Concen: 94.974 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

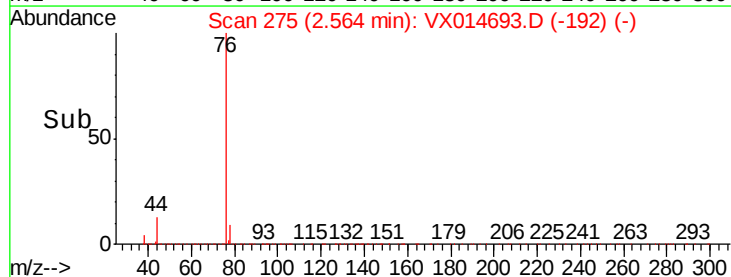
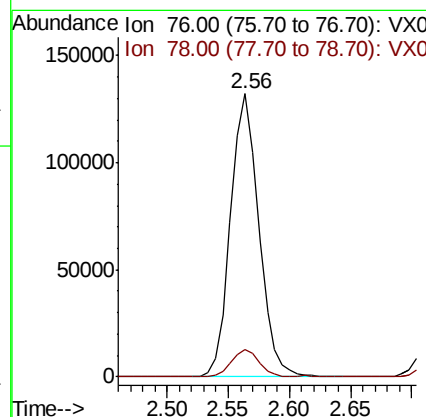
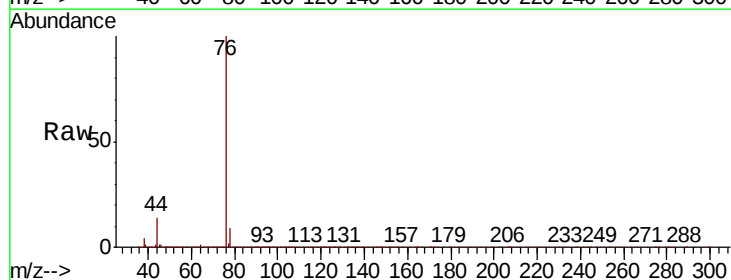
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

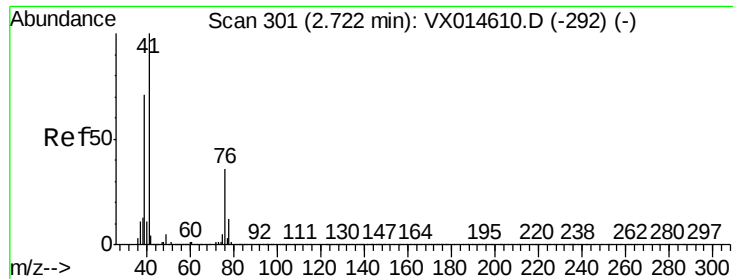
Tot Ion: 58 Resp: 78161
Ion Ratio Lower Upper
58 100
43 320.8 236.3 354.5



#16
Carbon Disulfide
Concen: 19.392 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 76 Resp: 211512
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8

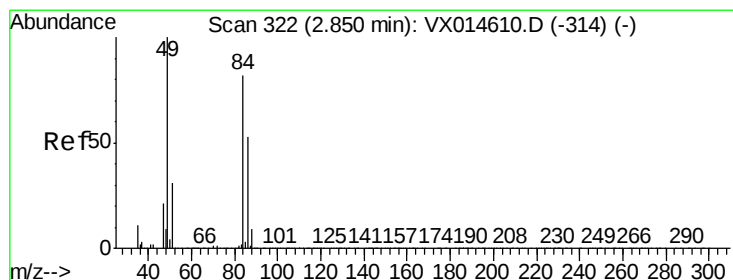
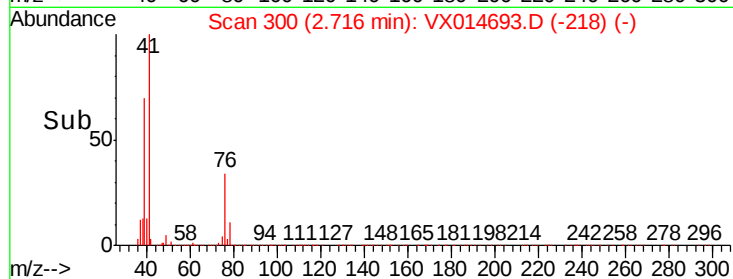
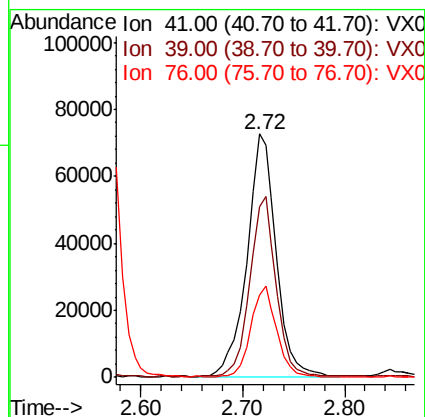
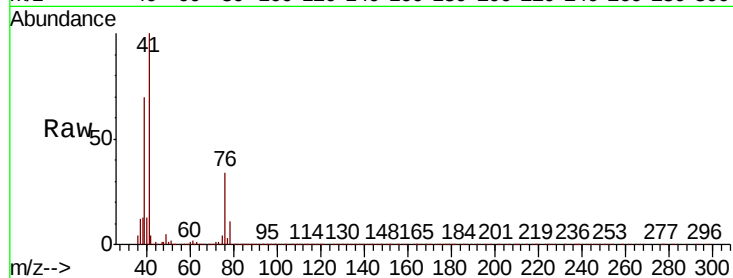




#17
Allvl chloride
Concen: 19.659 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

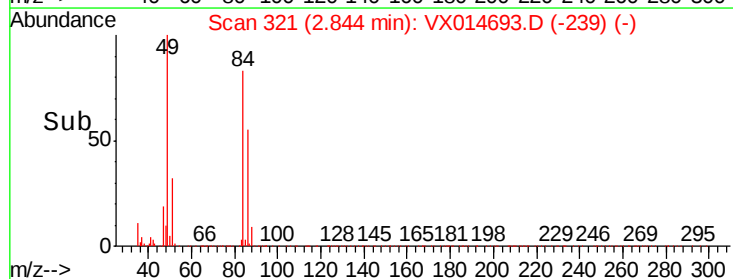
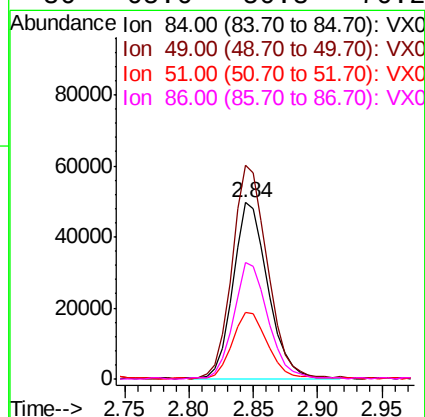
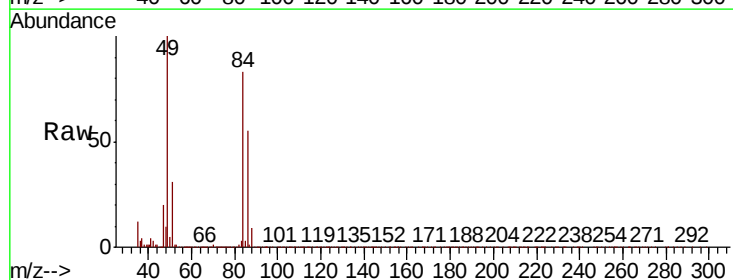
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

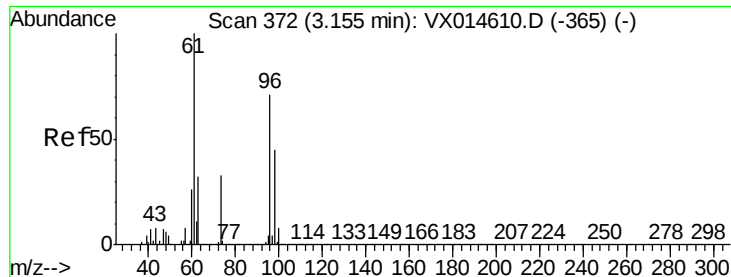
Tot Ion: 41 Resp: 144493
Ion Ratio Lower Upper
41 100
39 69.7 33.4 100.2
76 33.7 17.0 50.9



#18
Methylene Chloride
Concen: 20.033 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 84 Resp: 93115
Ion Ratio Lower Upper
84 100
49 121.3 102.2 153.2
51 37.9 31.4 47.0
86 65.6 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.233 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

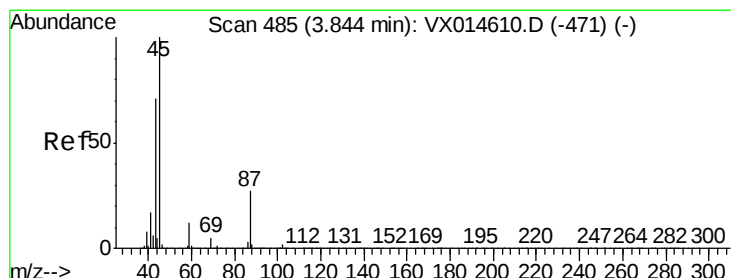
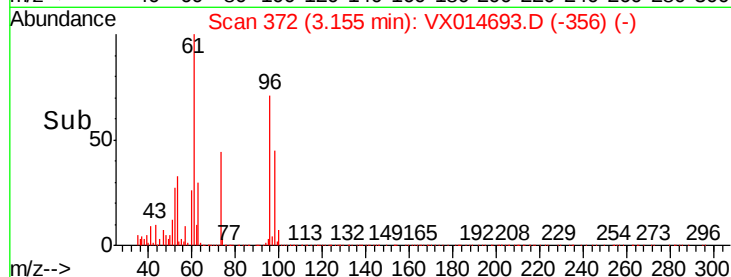
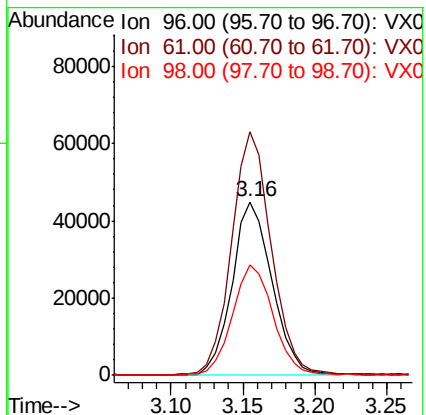
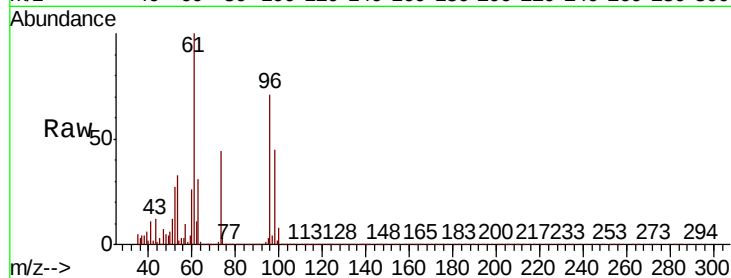
Tot Ion: 96 Resp: 86503

Ion Ratio Lower Upper

96 100

61 140.4 106.6 159.8

98 63.5 51.6 77.4



#20

Diisopropyl ether

Concen: 20.432 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Tgt Ion: 45 Resp: 297122

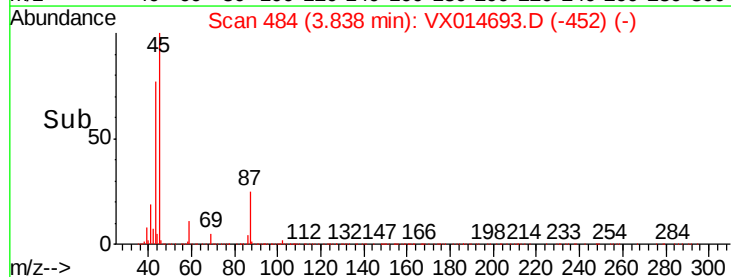
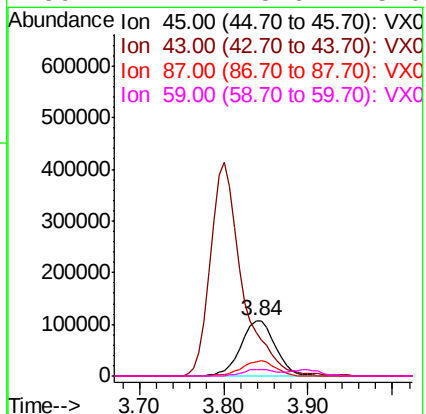
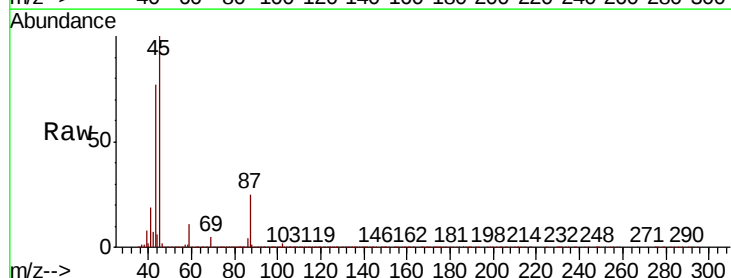
Ion Ratio Lower Upper

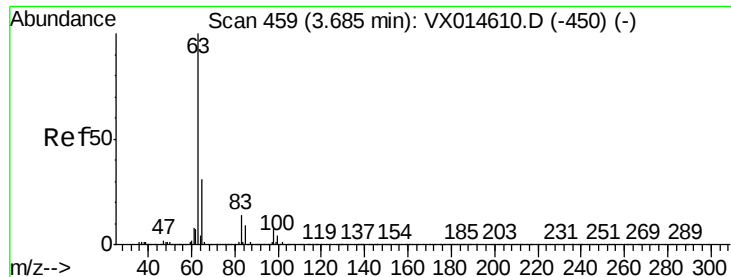
45 100

43 75.5 55.9 83.9

87 25.2 22.2 33.2

59 11.2 8.6 13.0





#21

1,1-Dichloroethane

Concen: 20.407 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

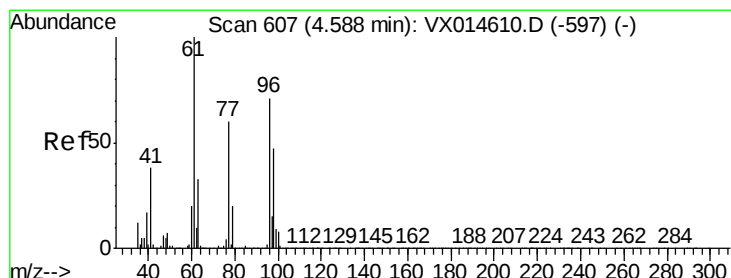
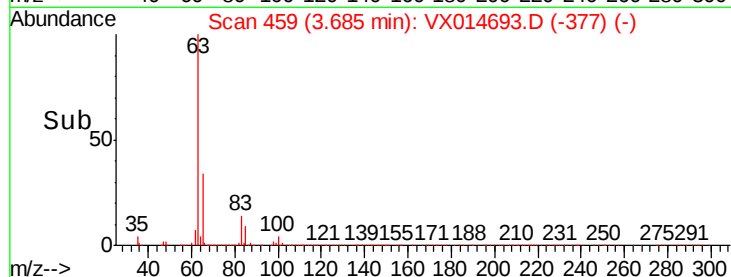
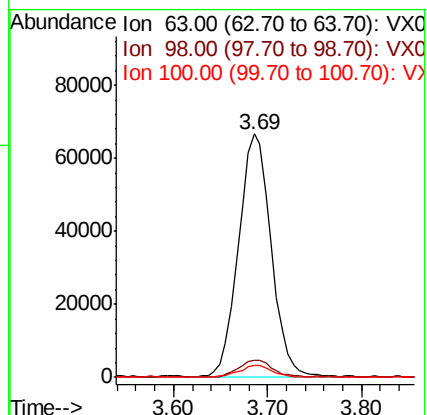
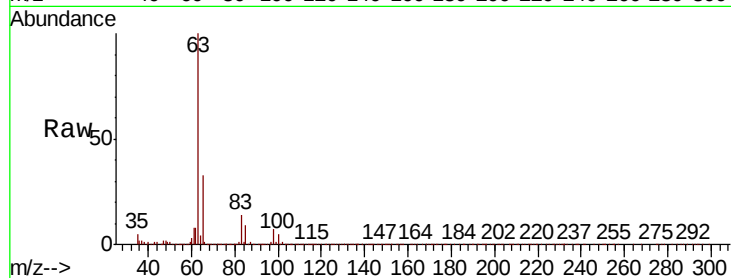
Tot Ion: 63 Resp: 161212

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.9 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 20.232 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

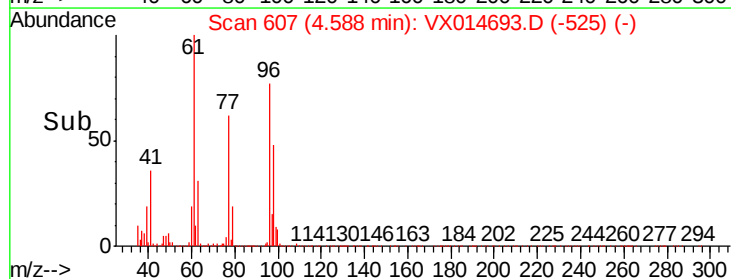
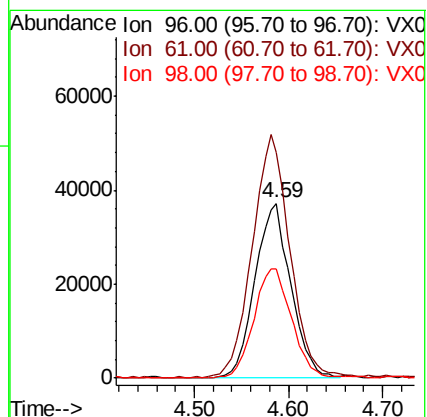
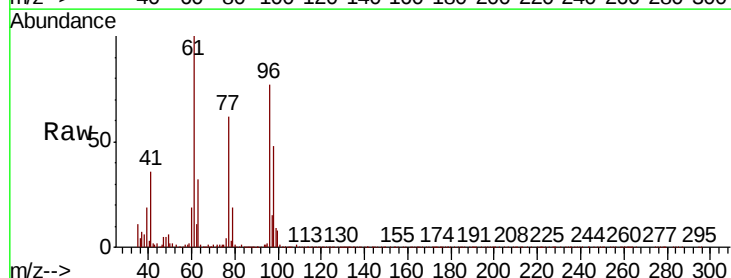
Tgt Ion: 96 Resp: 99398

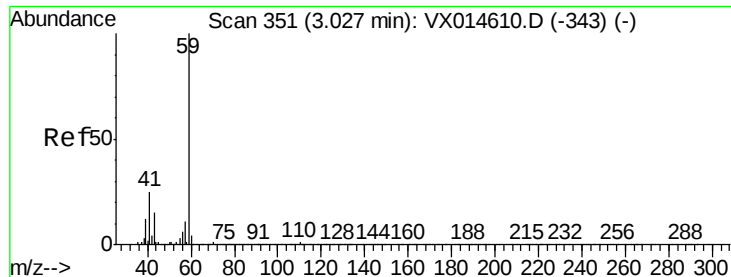
Ion Ratio Lower Upper

96 100

61 144.1 112.4 168.6

98 65.2 50.3 75.5





#23

tert-Butyl Alcohol

Concen: 97.087 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

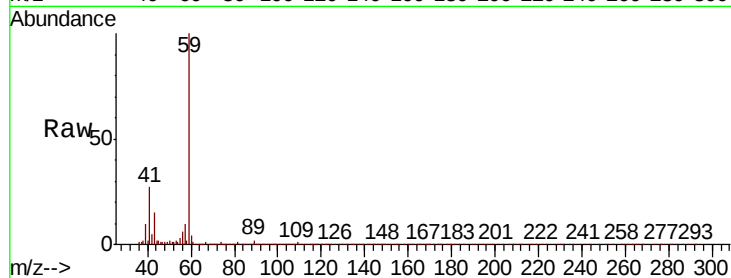
VX0124WBS01

Tot Ion: 59 Resp: 98566

Ion Ratio Lower Upper

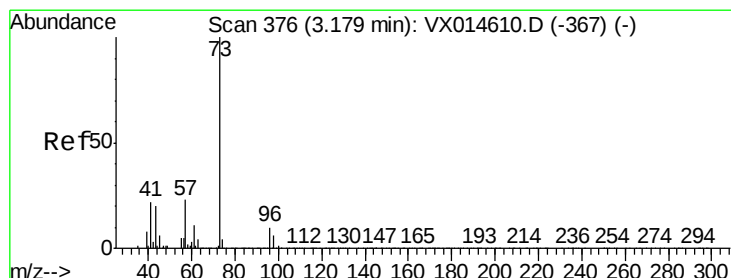
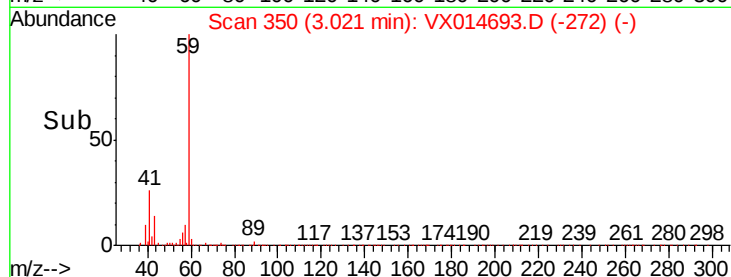
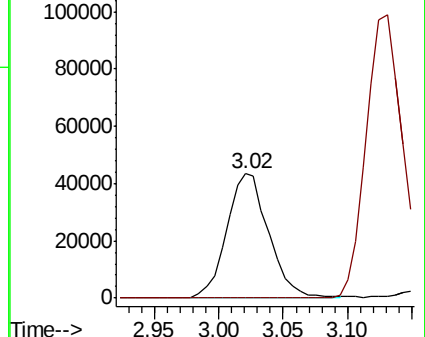
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.901 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014693.D

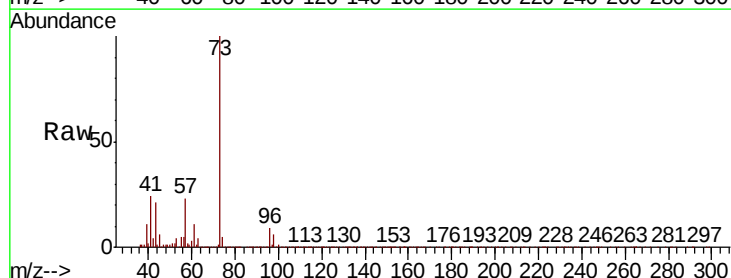
Acq: 24 Jan 2020 13:31

Tgt Ion: 73 Resp: 263029

Ion Ratio Lower Upper

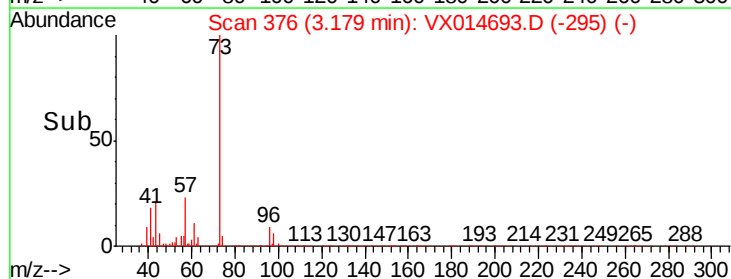
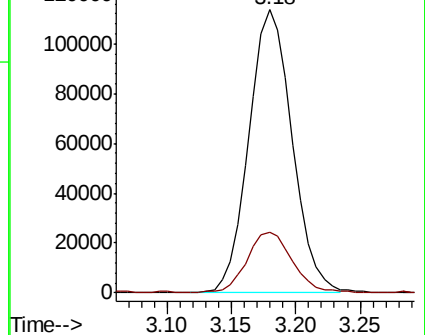
73 100

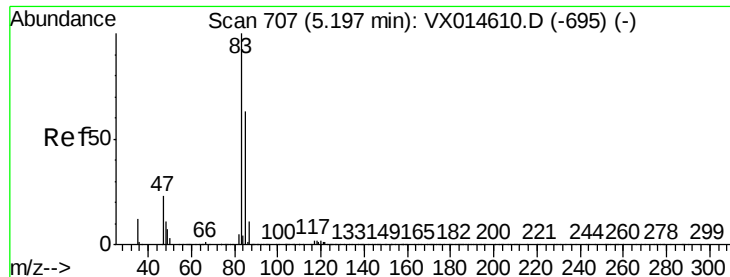
43 22.9 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

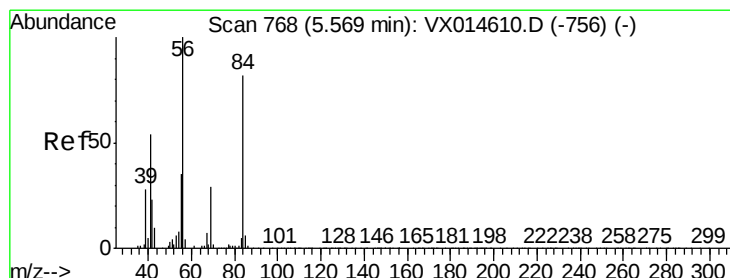
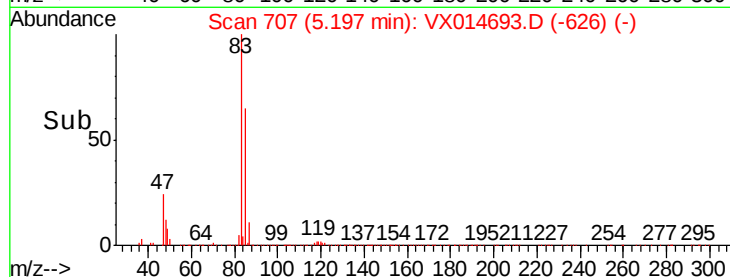
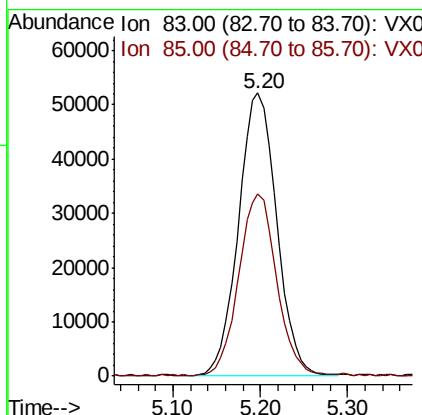
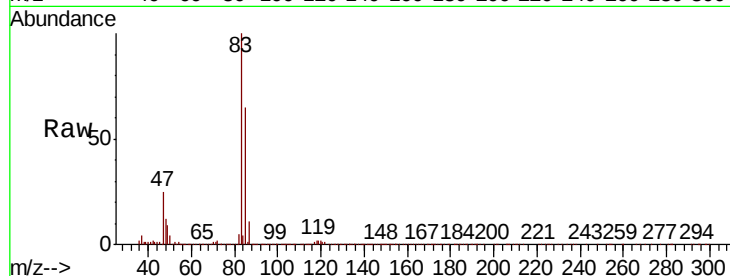




#25
Chloroform
Concen: 20.647 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

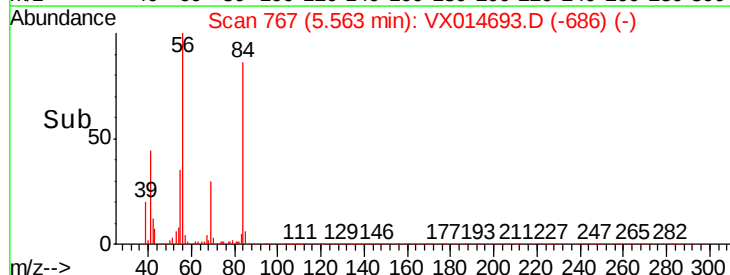
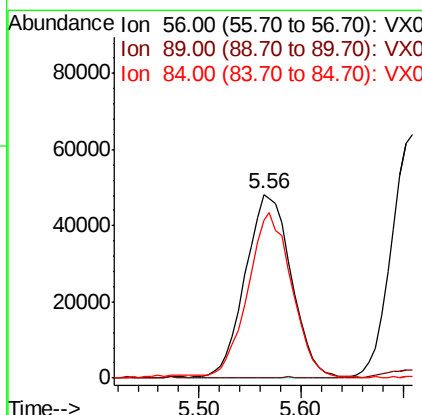
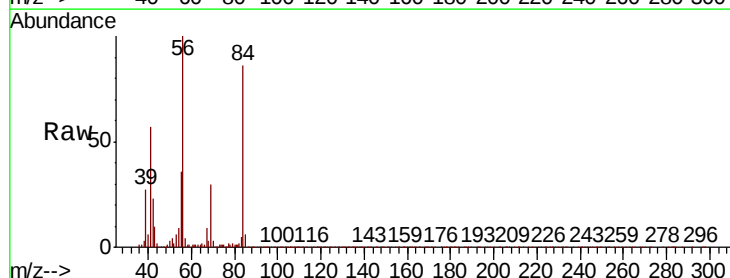
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

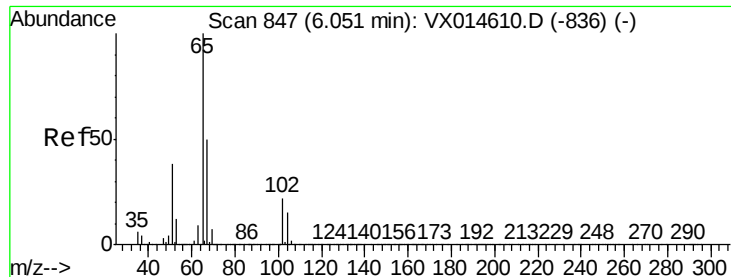
Tot Ion: 83 Resp: 158007
Ion Ratio Lower Upper
83 100
85 64.3 52.7 79.1



#26
Cyclohexane
Concen: 20.693 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 56 Resp: 150785
Ion Ratio Lower Upper
56 100
89 0.2 0.1 0.1#
84 85.6 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.586 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

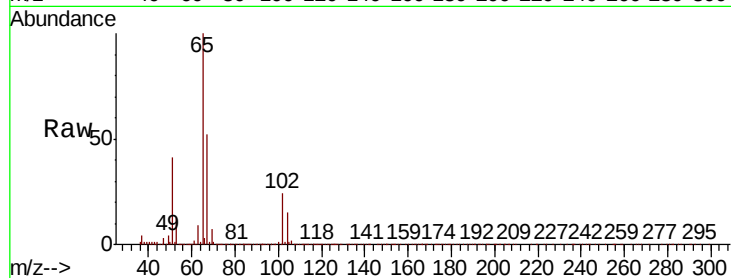
VX0124WBS01

Tot Ion: 65 Resp: 154233

Ion Ratio Lower Upper

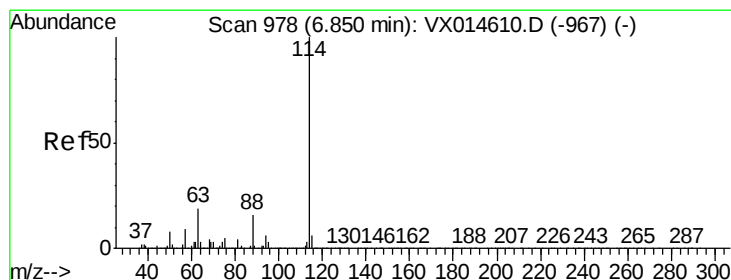
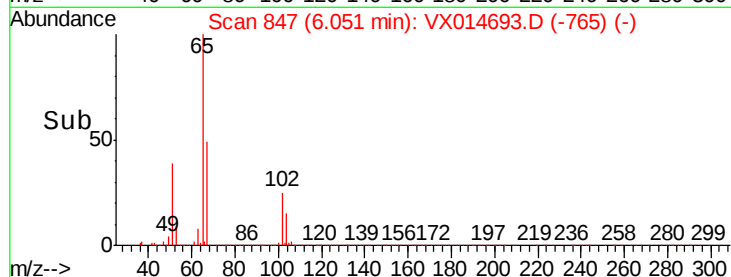
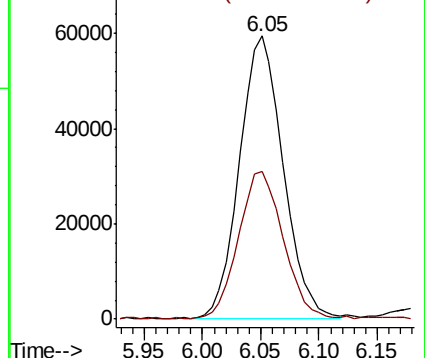
65 100

67 53.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

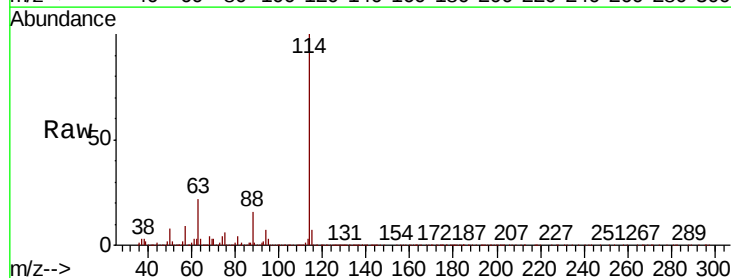
Tgt Ion: 114 Resp: 393632

Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

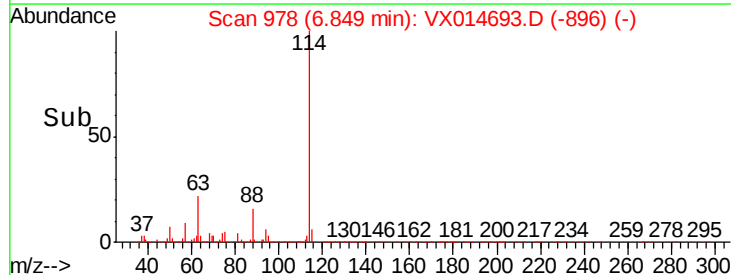
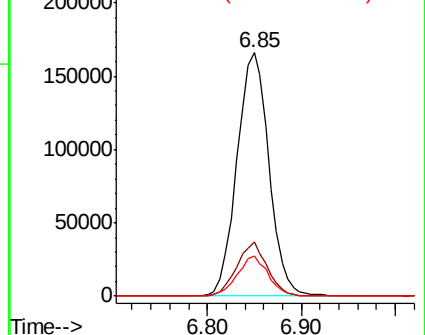
88 15.6 12.5 18.7

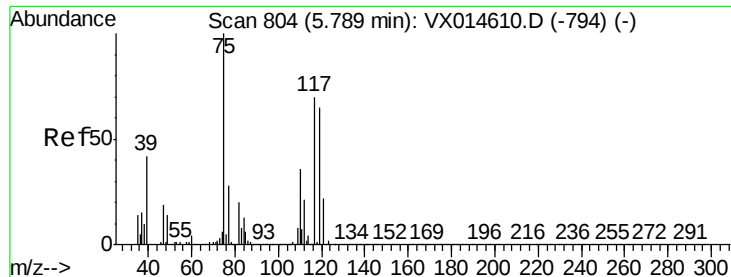


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.633 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS01

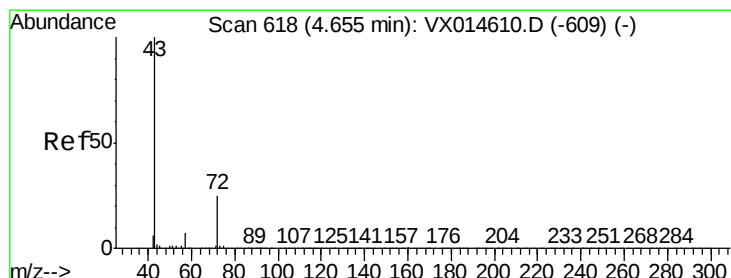
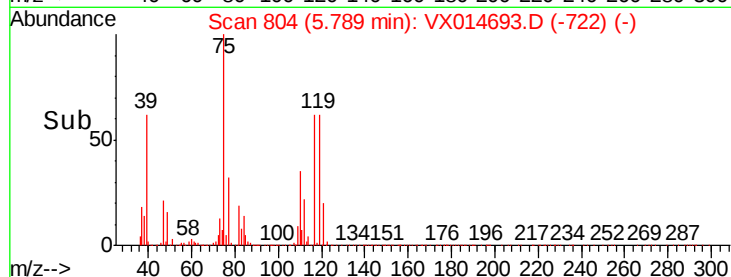
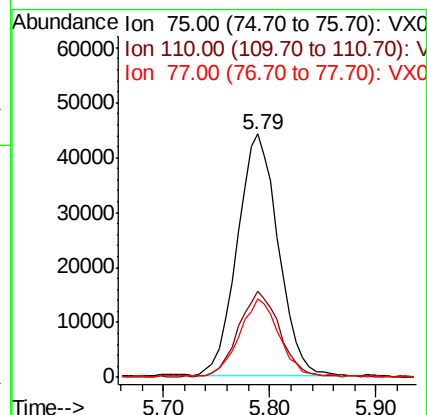
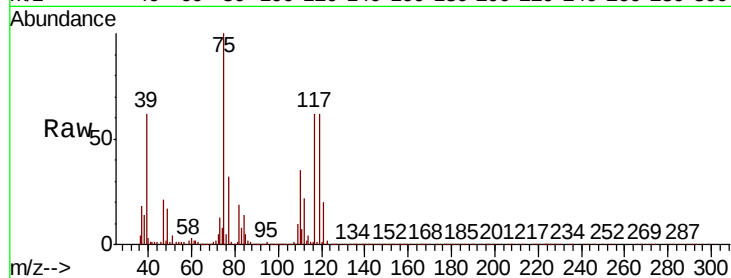
Tot Ion: 75 Resp: 119112

Ion Ratio Lower Upper

75 100

110 35.2 0.0 73.8

77 30.8 0.0 62.4



#30

2-Butanone

Concen: 96.199 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

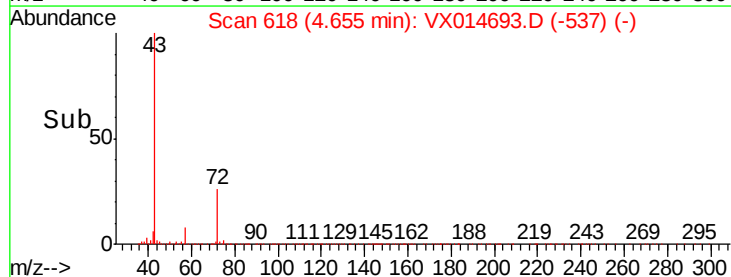
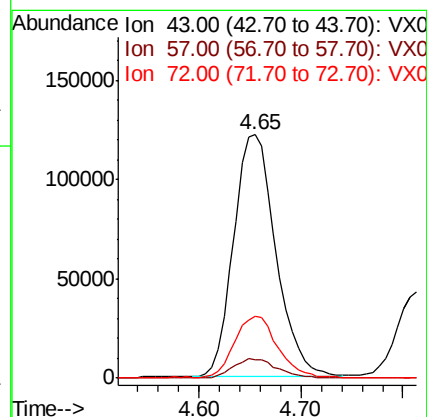
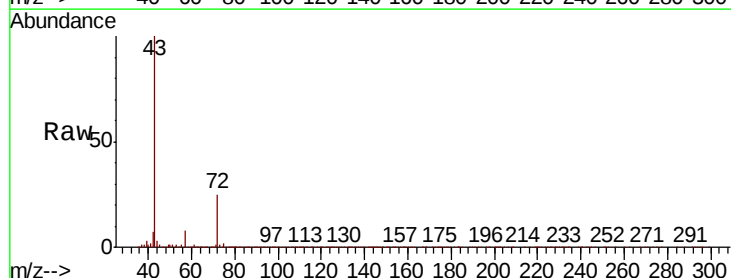
Tgt Ion: 43 Resp: 351793

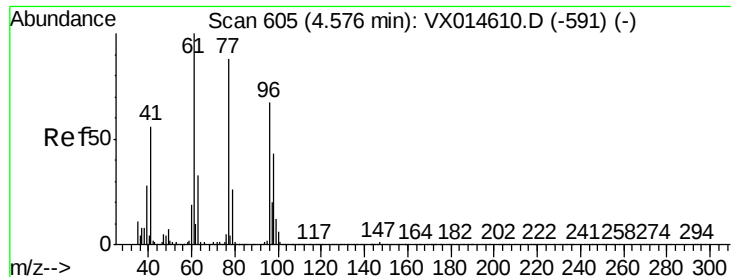
Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.2

72 25.4 20.3 30.5





#31

2,2-Dichloropropane

Concen: 20.559 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

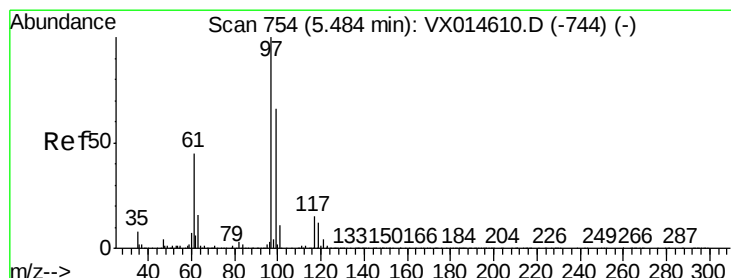
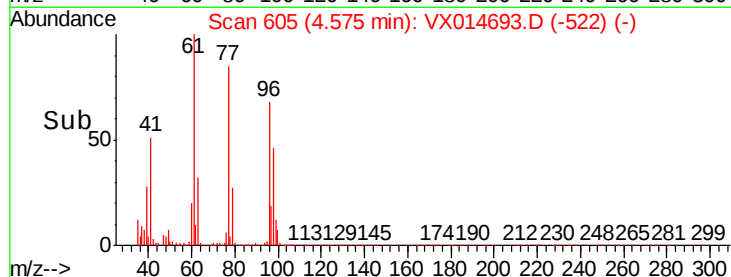
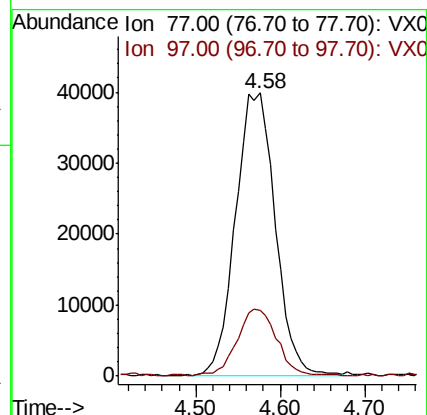
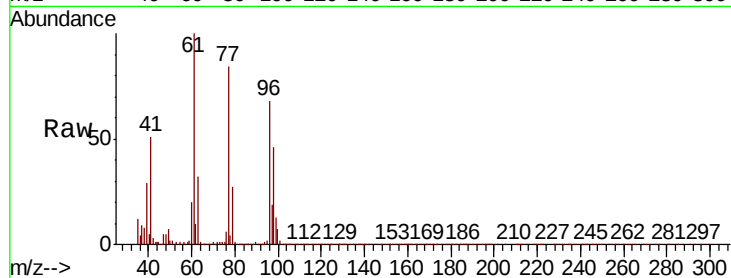
VX0124WBS01

Tot Ion: 77 Resp: 126991

Ion Ratio Lower Upper

77 100

97 23.2 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.408 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

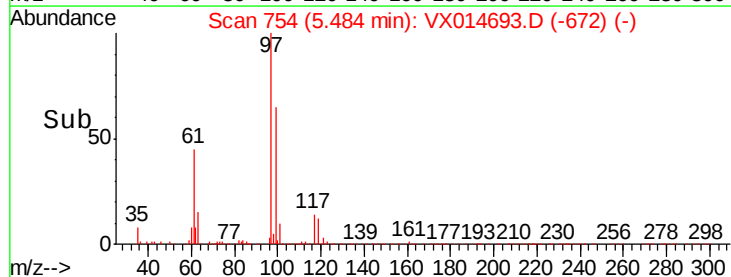
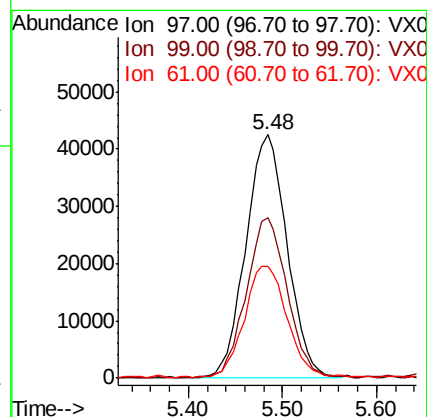
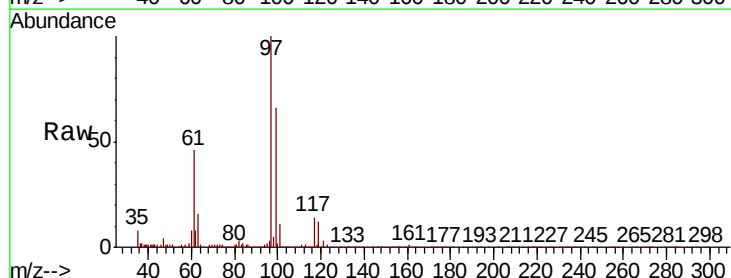
Tgt Ion: 97 Resp: 130339

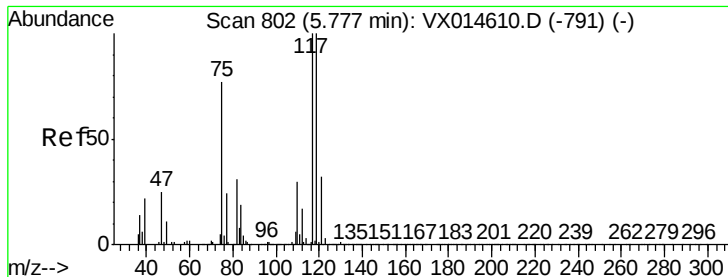
Ion Ratio Lower Upper

97 100

99 65.1 51.9 77.9

61 47.5 36.8 55.2





#33

Carbon Tetrachloride

Concen: 20.594 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS01

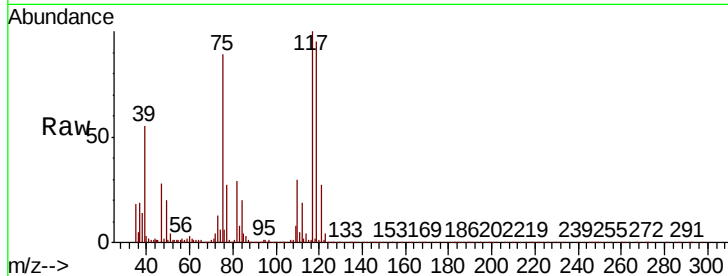
Tot Ion:117 Resp: 112922

Ion Ratio Lower Upper

117 100

119 94.8 77.2 115.8

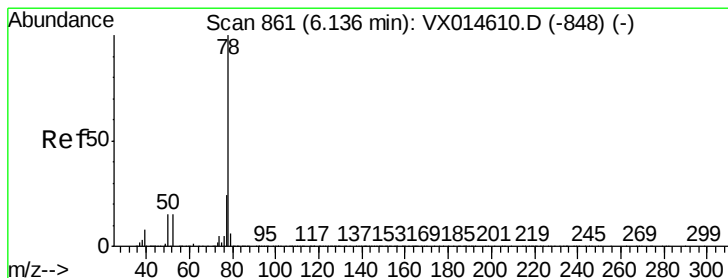
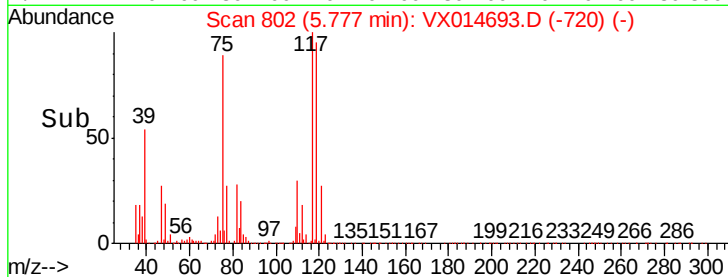
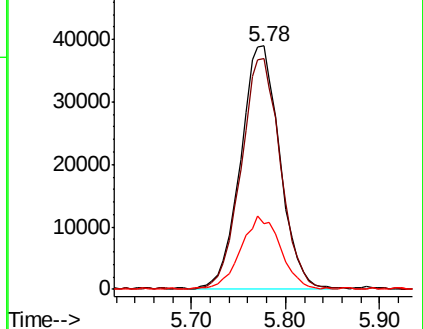
121 26.8 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.272 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

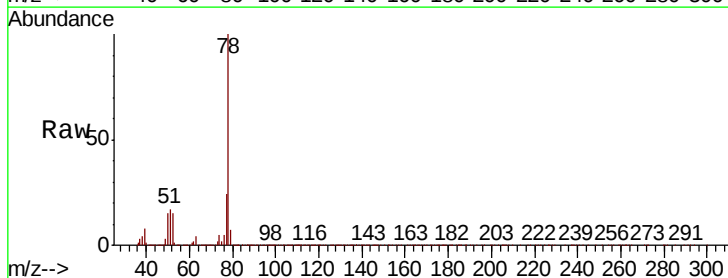
Tgt Ion: 78 Resp: 361628

Ion Ratio Lower Upper

78 100

77 23.4 18.2 27.2

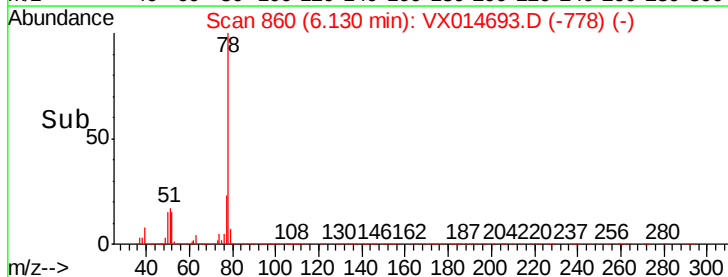
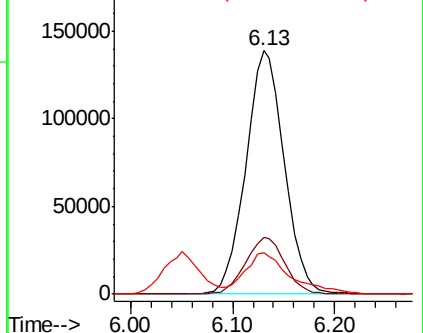
51 15.5 12.4 18.6

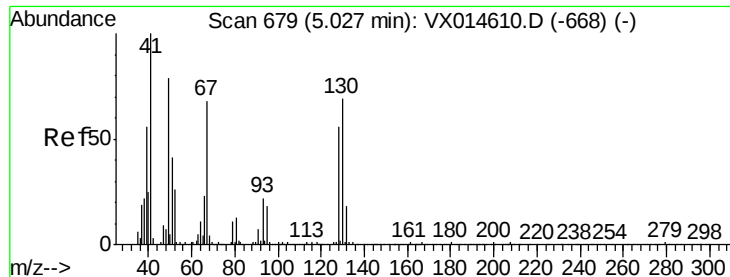


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

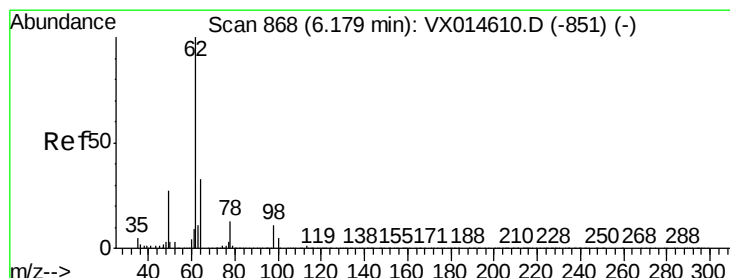
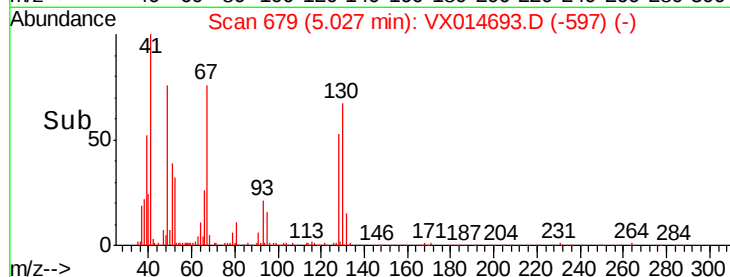
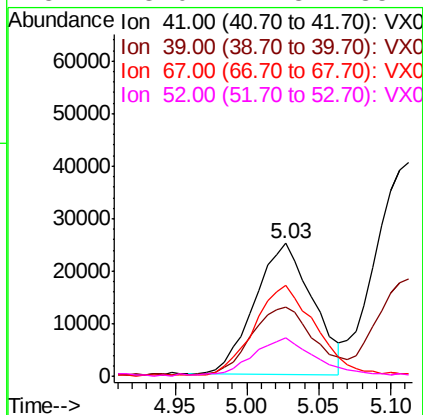
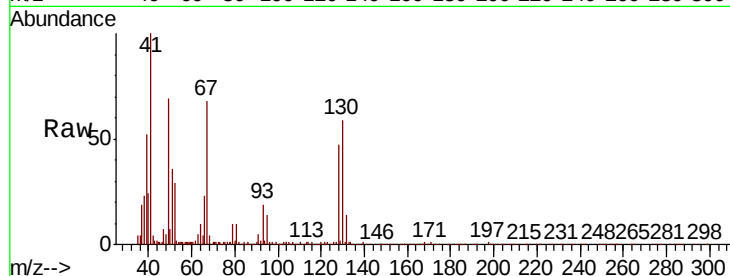




#35
Methacrylonitrile
Concen: 19.167 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

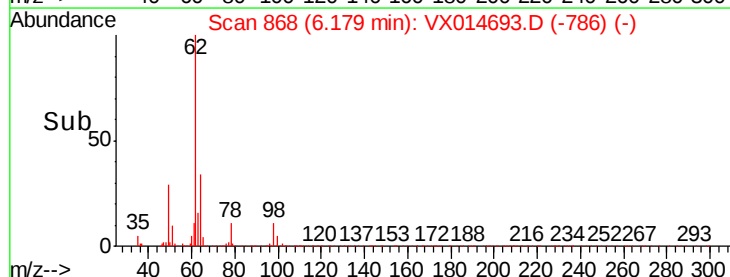
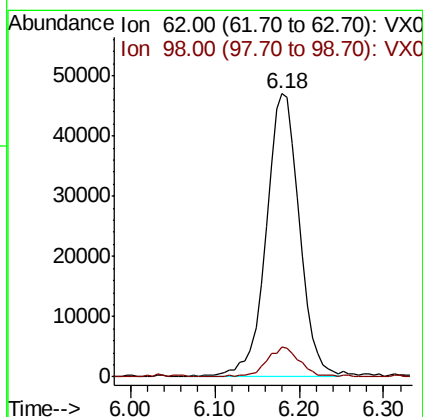
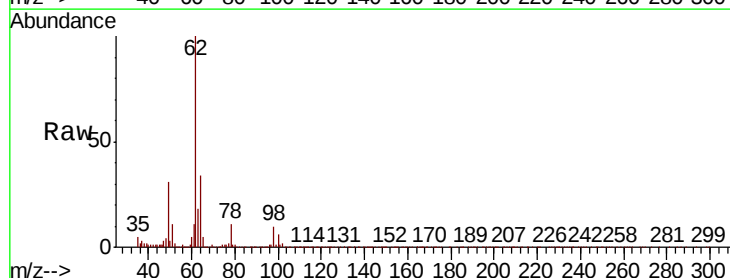
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

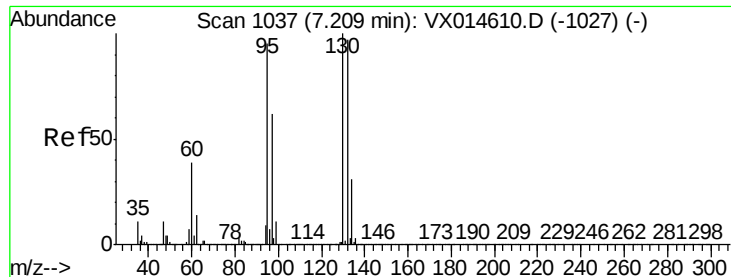
Tot Ion:	41	Resp:	70004
Ion	Ratio	Lower	Upper
41	100		
39	52.8	26.7	80.1
67	69.3	31.5	94.5
52	28.0	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.450 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion:	62	Resp:	126955
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.4	12.6

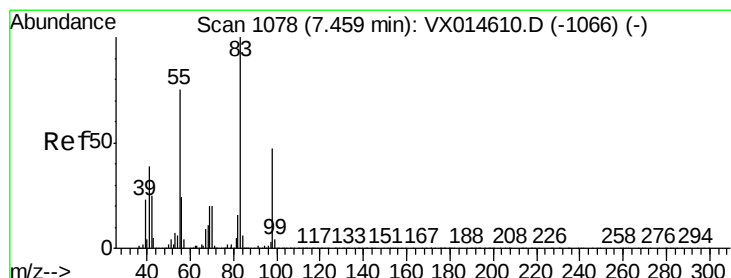
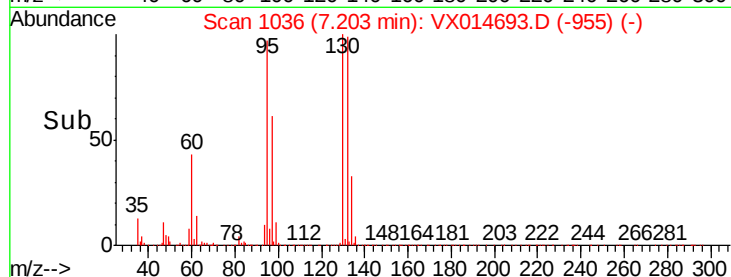
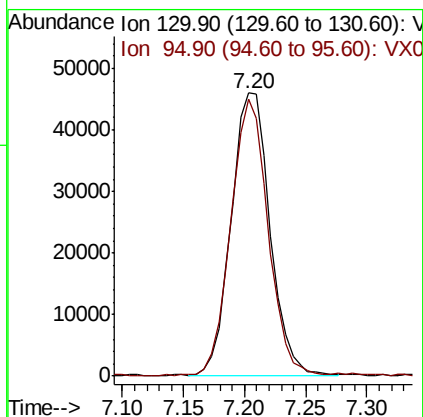
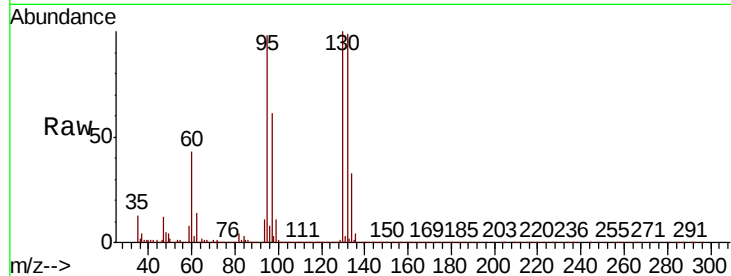




#37
 Trichloroethene
 Concen: 20.695 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

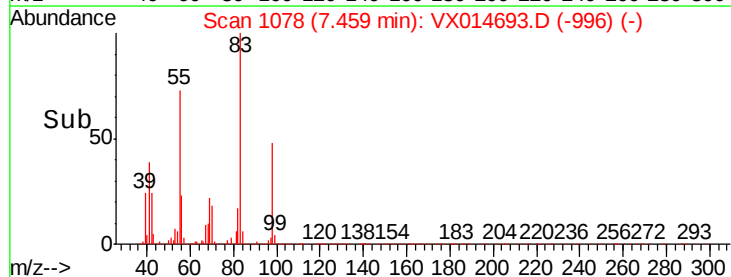
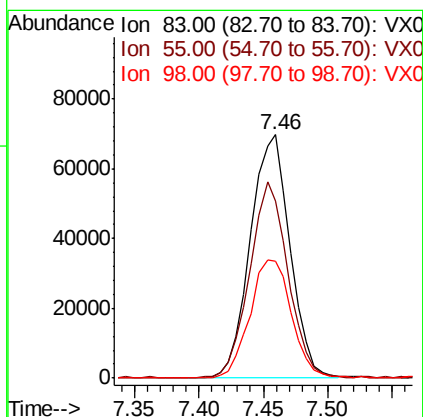
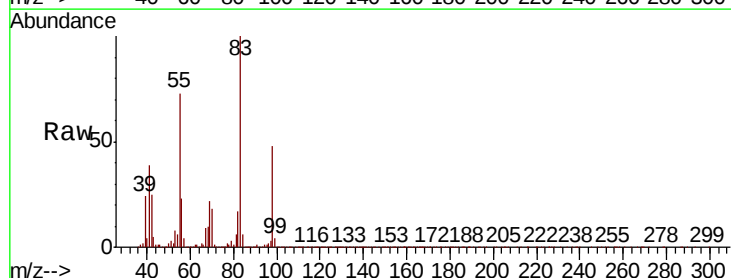
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

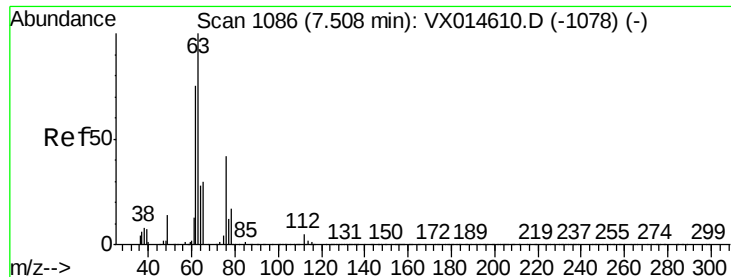
Tot Ion:130 Resp: 101082
 Ion Ratio Lower Upper
 130 100
 95 97.5 71.7 107.5



#38
 Methylcyclohexane
 Concen: 20.649 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

Tgt Ion: 83 Resp: 148423
 Ion Ratio Lower Upper
 83 100
 55 77.6 39.4 118.1
 98 50.0 25.1 75.3

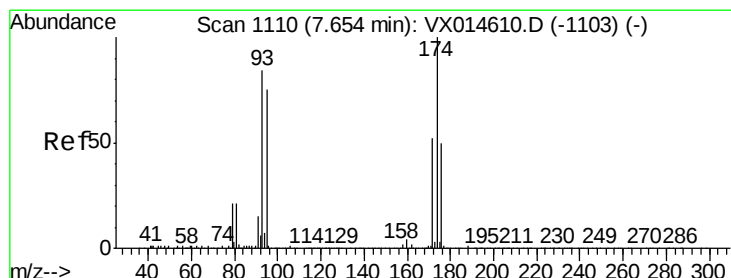
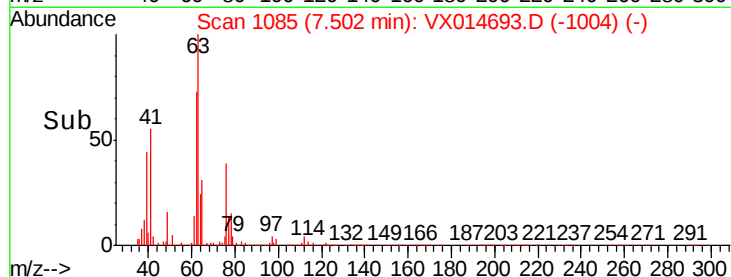
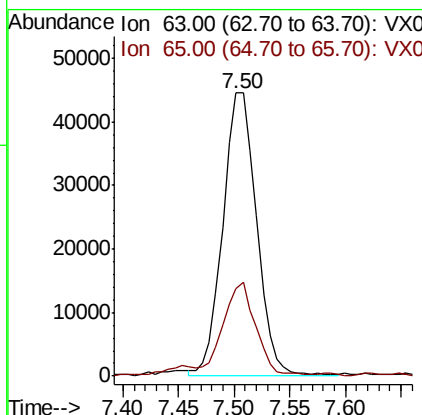
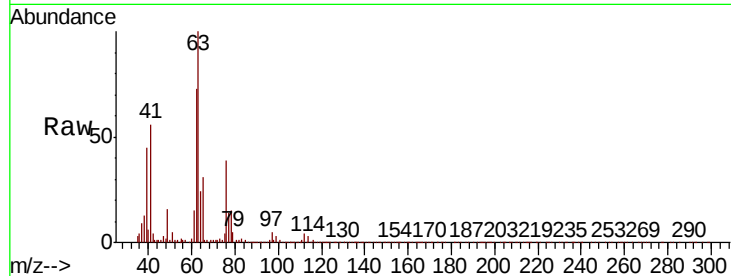




#39
 1,2-Dichloropropane
 Concen: 20.092 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

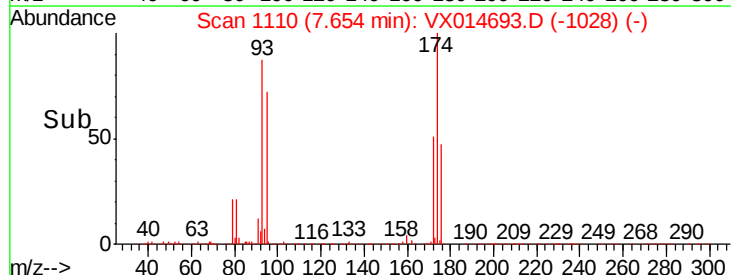
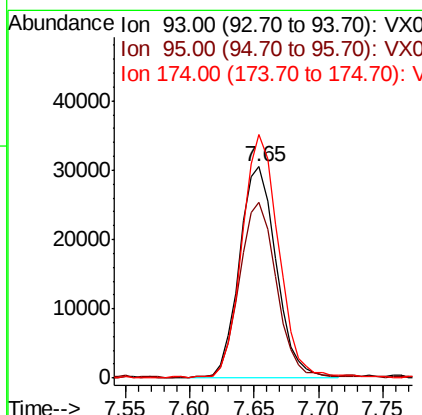
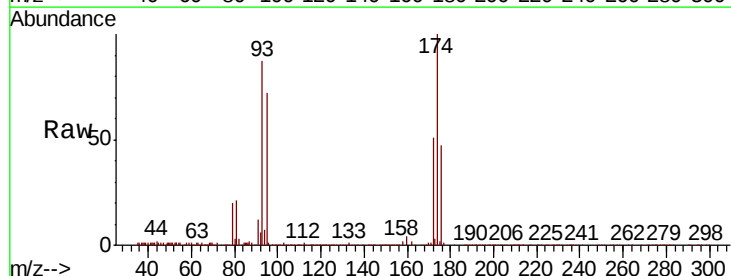
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

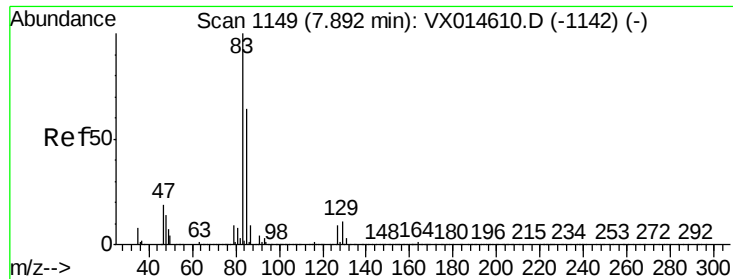
Tot Ion: 63 Resp: 93204
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.1 33.1



#40
 Dibromomethane
 Concen: 20.313 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

Tgt Ion: 93 Resp: 60558
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 164.4
 174 112.7 0.0 228.8

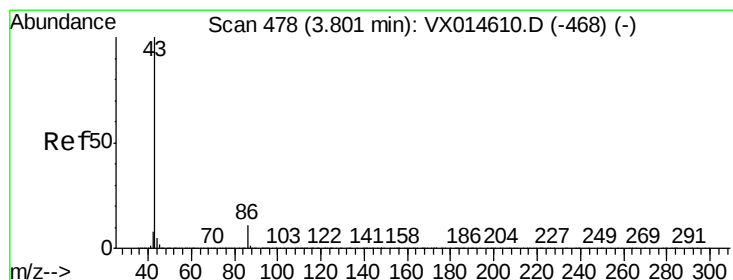
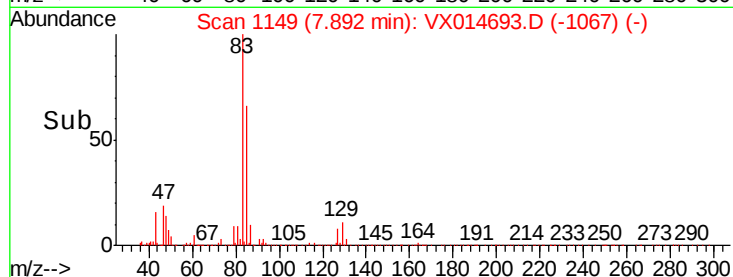
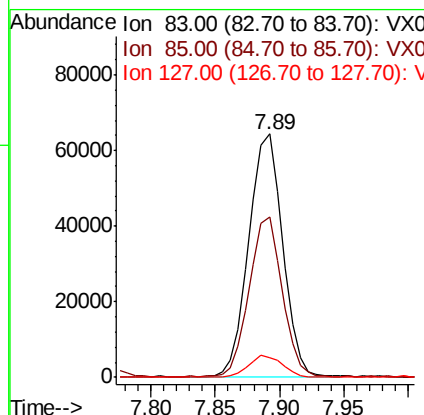
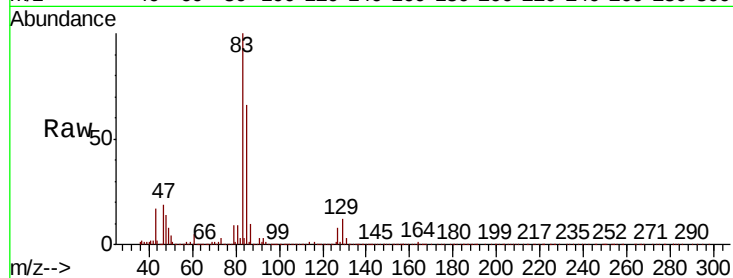




#41
Bromodichloromethane
Concen: 20.010 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

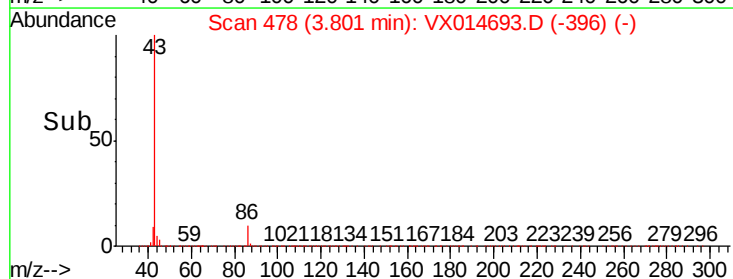
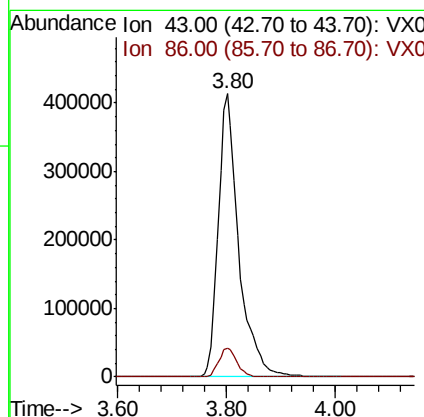
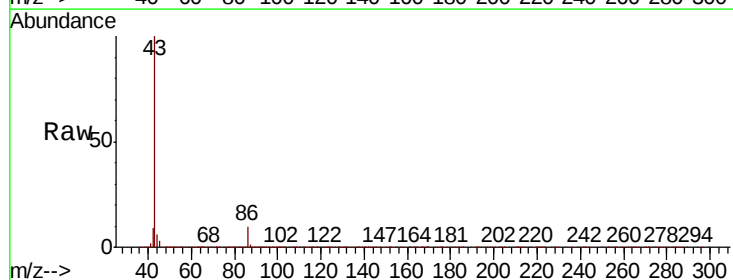
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

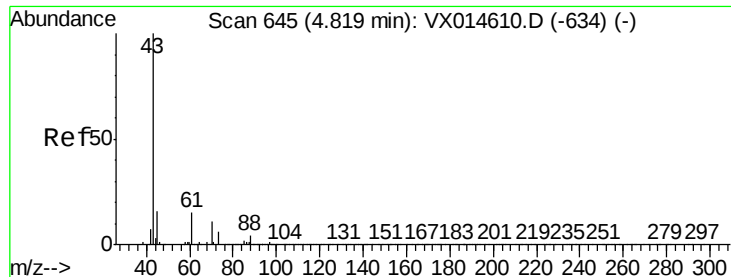
Tot Ion: 83 Resp: 116817
Ion Ratio Lower Upper
83 100
85 66.1 51.6 77.4
127 8.1 6.0 9.0



#42
Vinyl Acetate
Concen: 96.148 ug/l
RT: 3.80 min Scan# 478
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 43 Resp: 1083721
Ion Ratio Lower Upper
43 100
86 8.9 7.7 11.5

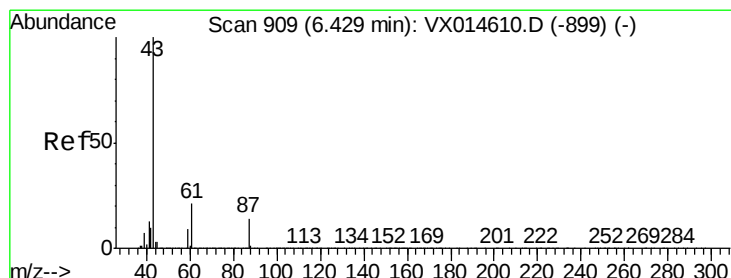
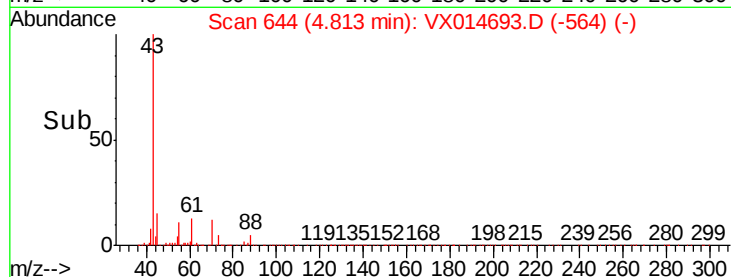
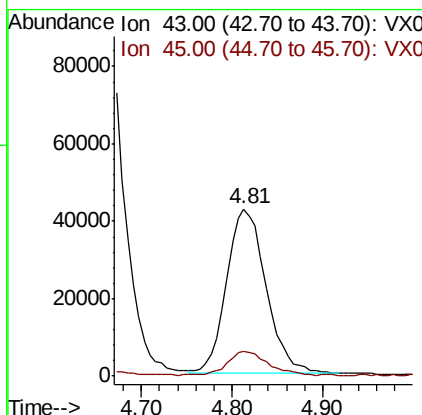
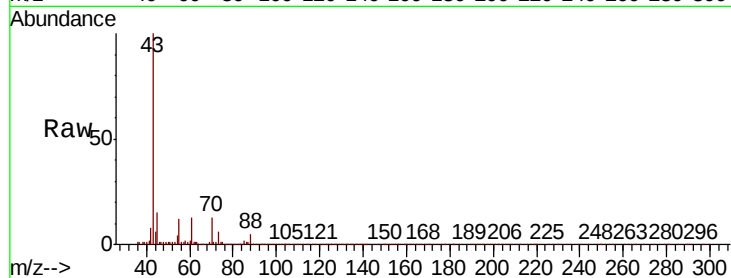




#43
Ethyl Acetate
Concen: 19.337 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

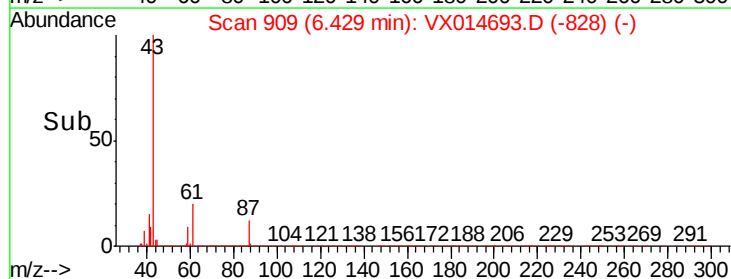
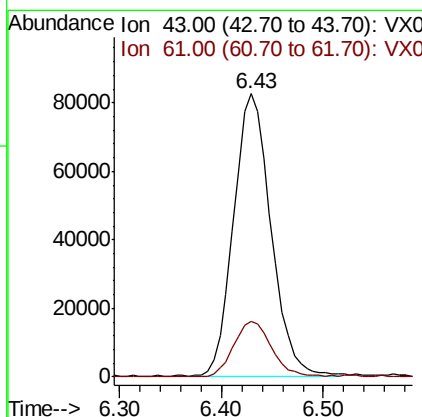
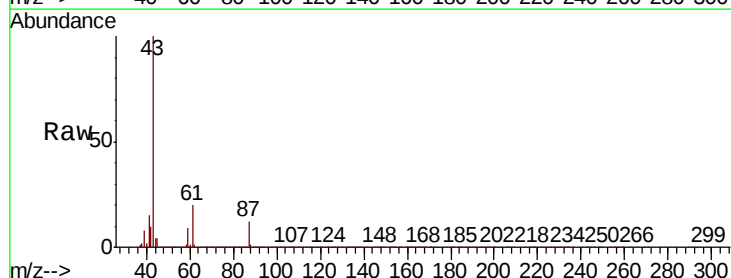
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

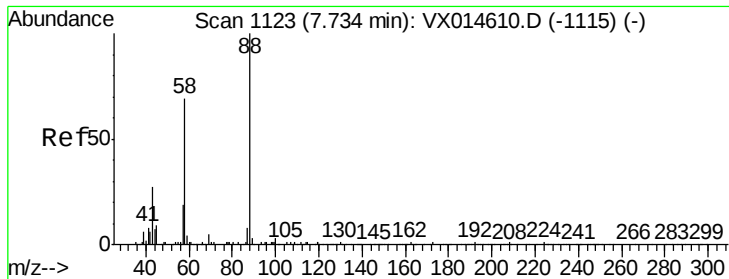
Tot Ion: 43 Resp: 128011
Ion Ratio Lower Upper
43 100
45 16.3 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.539 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 43 Resp: 208659
Ion Ratio Lower Upper
43 100
61 19.6 15.9 23.9





#45

1,4-Dioxane

Concen: 393.969 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

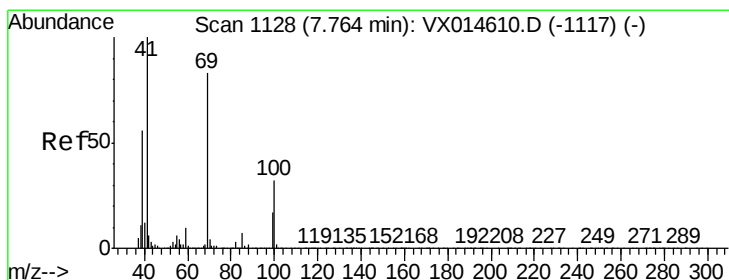
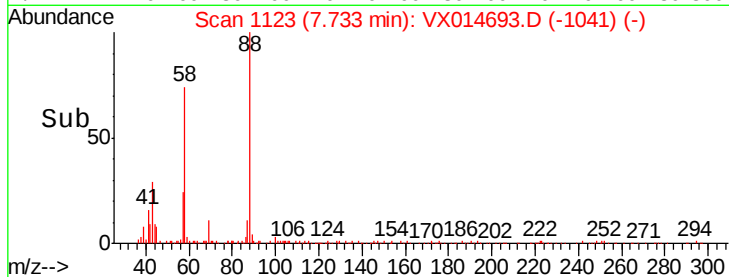
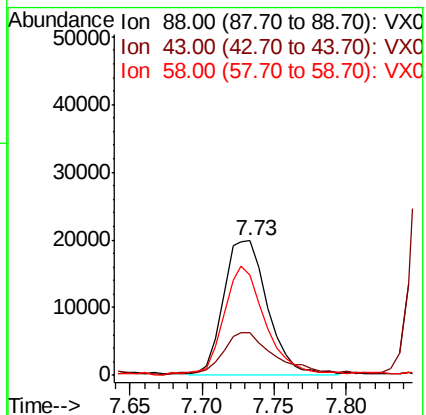
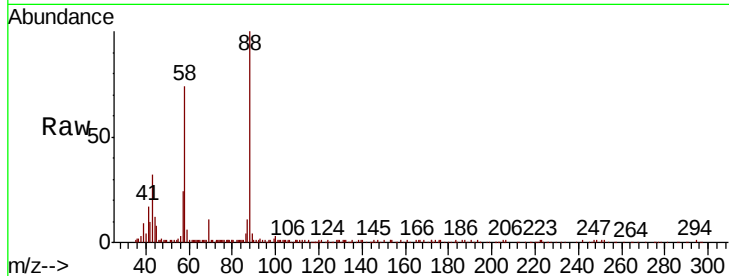
Tot Ion: 88 Resp: 42086

Ion Ratio Lower Upper

88 100

43 35.1 25.4 38.2

58 75.2 56.5 84.7



#46

Methyl methacrylate

Concen: 19.665 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

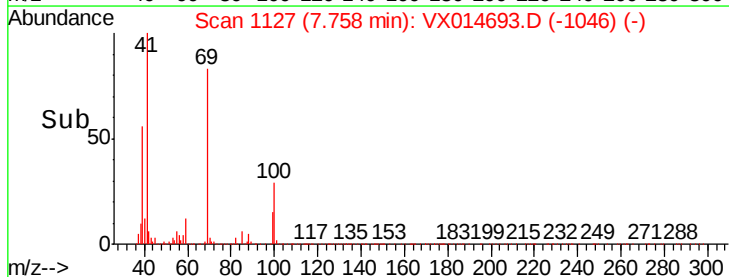
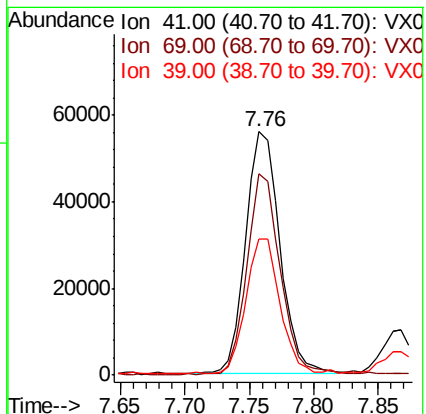
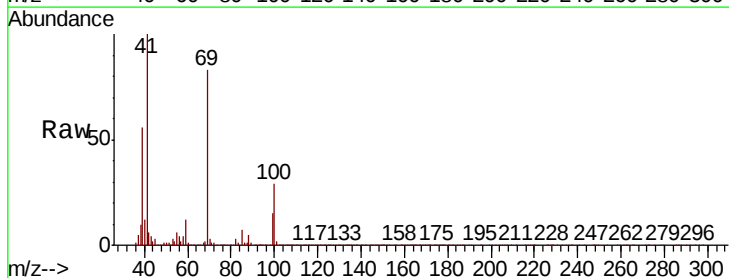
Tgt Ion: 41 Resp: 103276

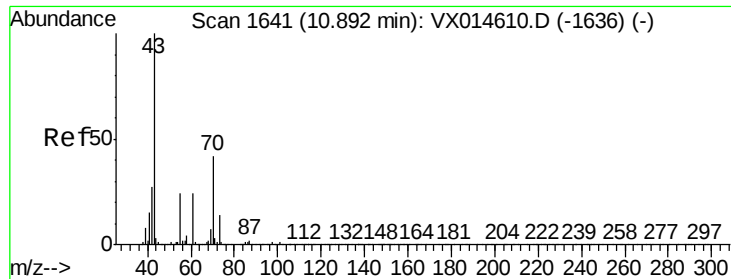
Ion Ratio Lower Upper

41 100

69 82.4 40.6 122.0

39 55.6 27.8 83.3

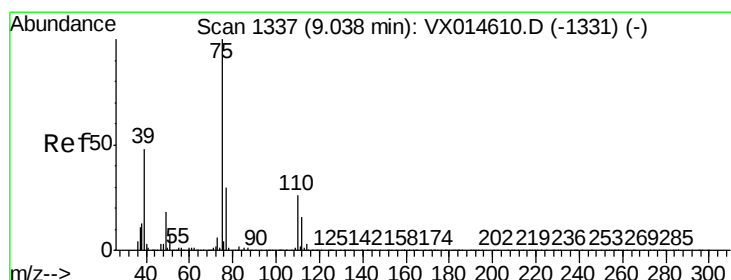
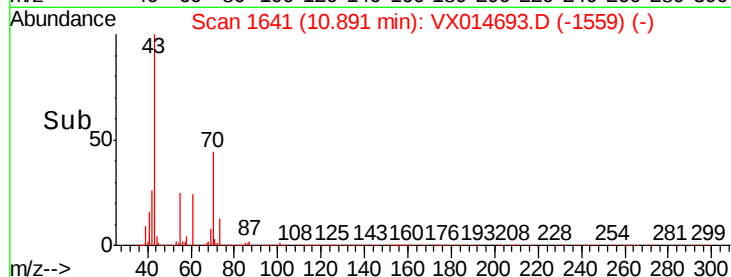
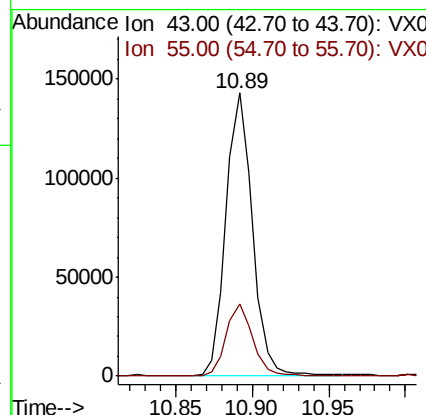
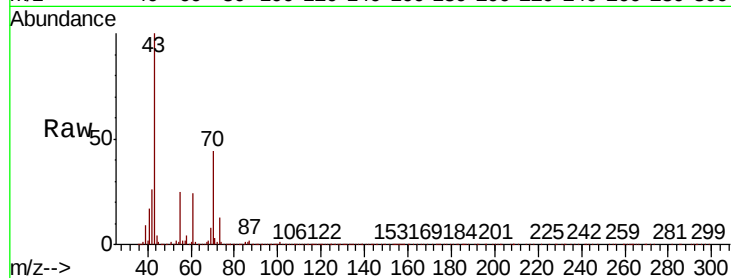




#47
n-amvl Acetate
Concen: 19.326 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

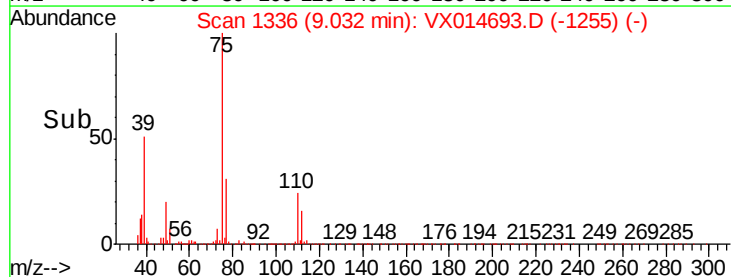
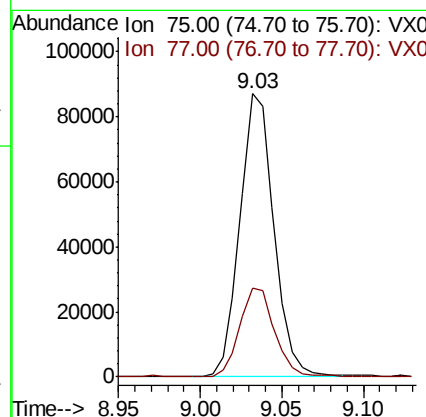
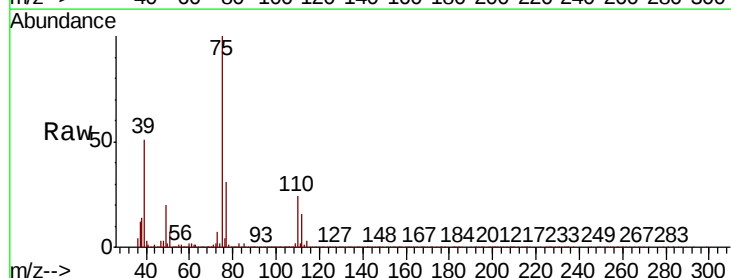
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

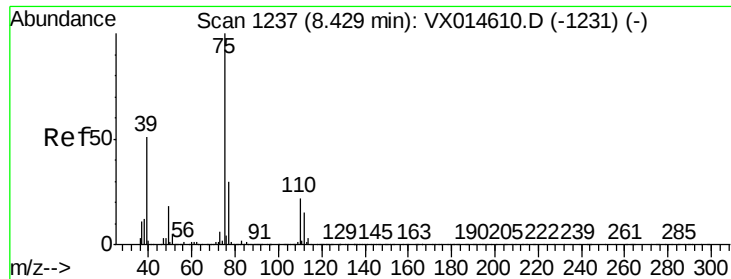
Tot Ion: 43 Resp: 172930
Ion Ratio Lower Upper
43 100
55 24.7 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 19.822 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 75 Resp: 126341
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0



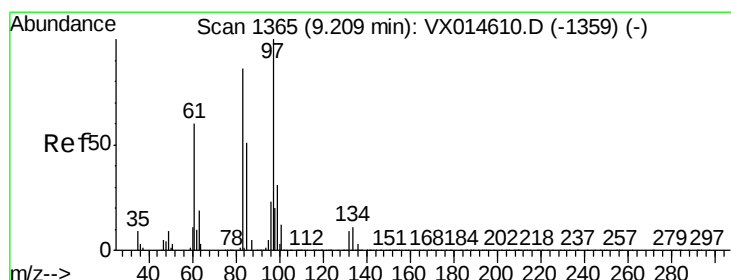
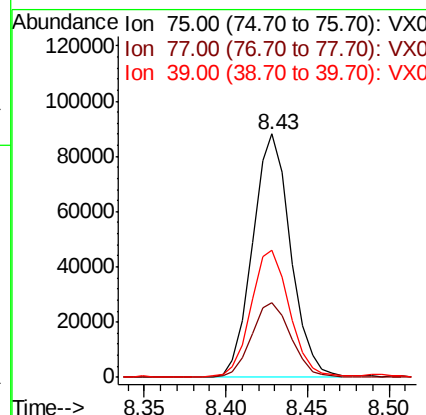
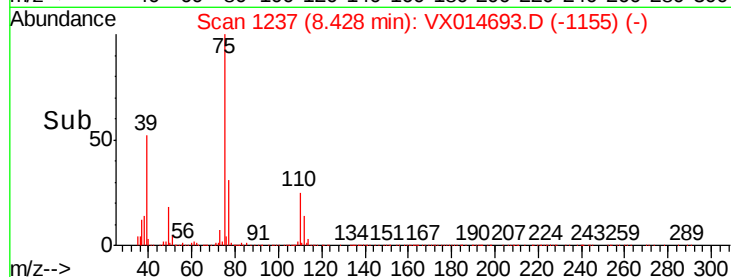
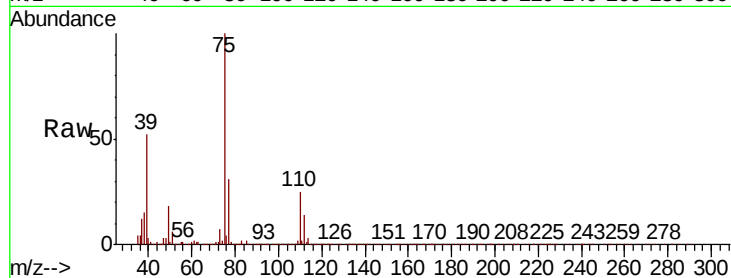


#49

cis-1,3-Dichloropropene
Concen: 19.815 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

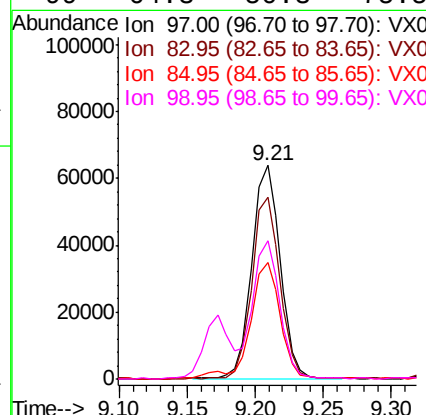
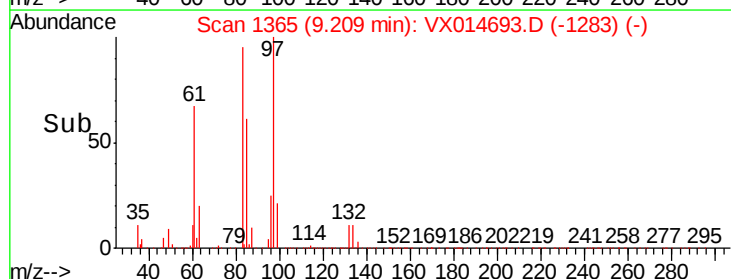
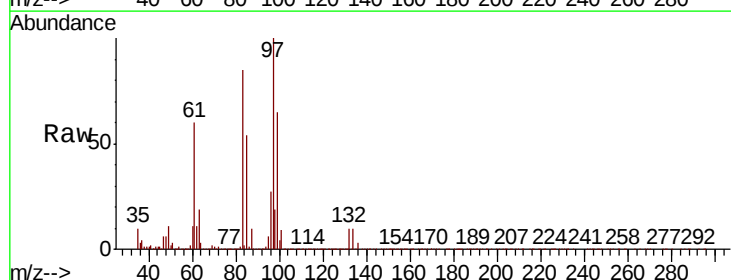
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.8	37.2
39	52.5	41.1	61.7

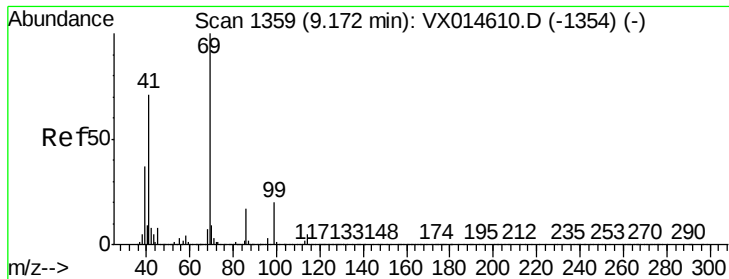


#50

1,1,2-Trichloroethane
Concen: 20.710 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.1	102.1
85	54.0	42.7	64.1
99	64.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.650 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS01

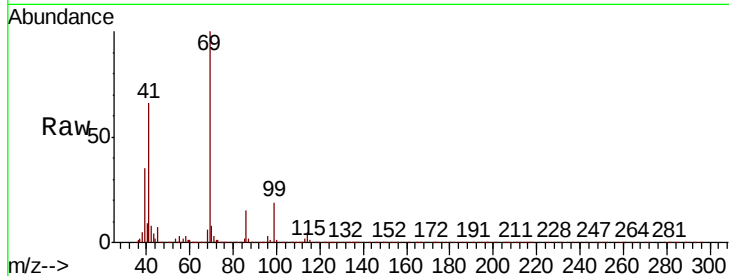
Tot Ion: 69 Resp: 138791

Ion Ratio Lower Upper

69 100

41 65.3 35.4 106.1

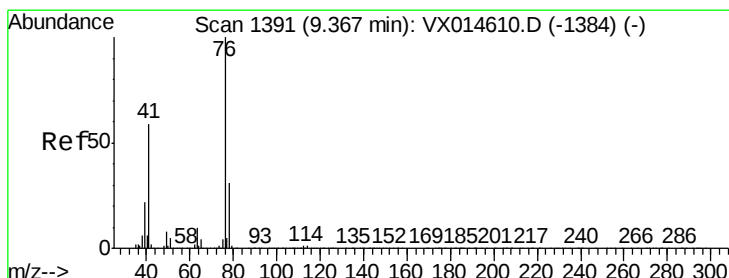
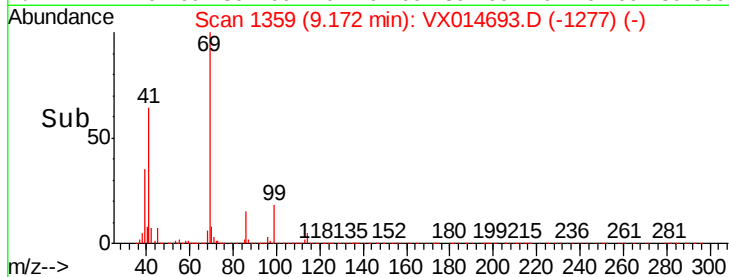
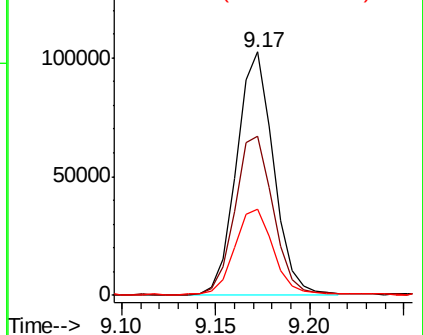
39 35.1 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.120 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014693.D

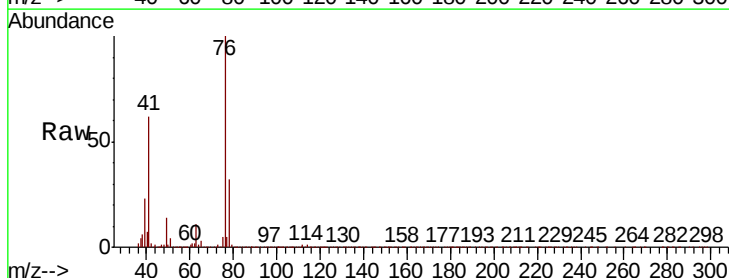
Acq: 24 Jan 2020 13:31

Tgt Ion: 76 Resp: 154641

Ion Ratio Lower Upper

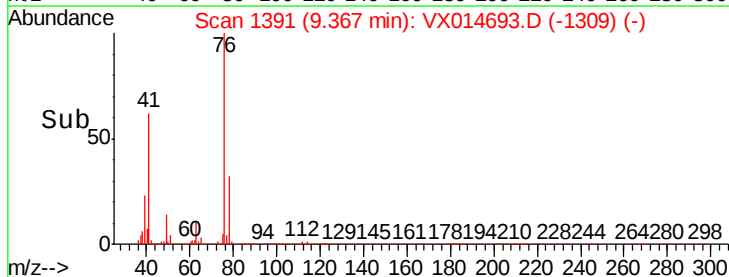
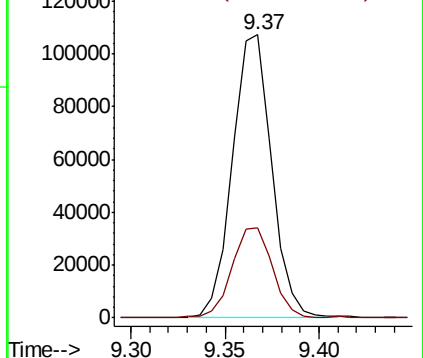
76 100

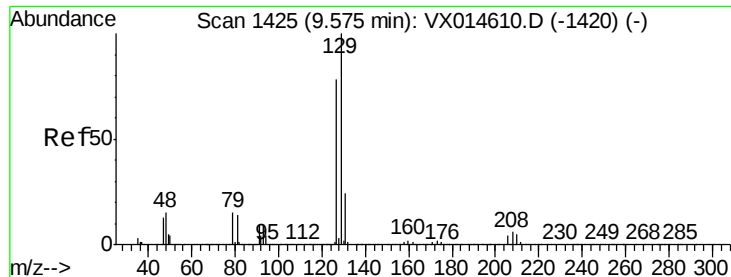
78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.982 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

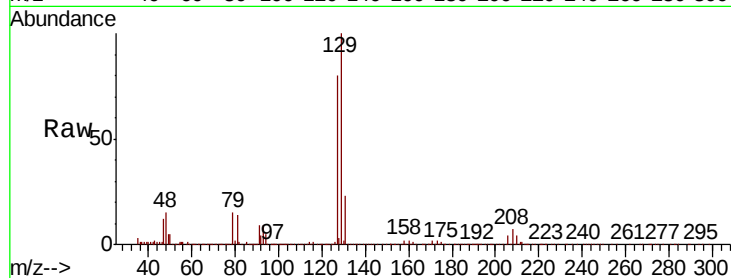
VX0124WBS01

Tot Ion:129 Resp: 92715

Ion Ratio Lower Upper

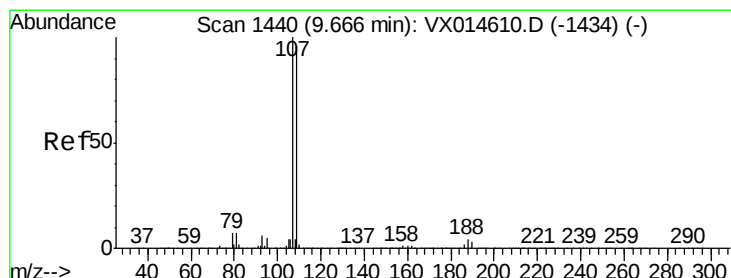
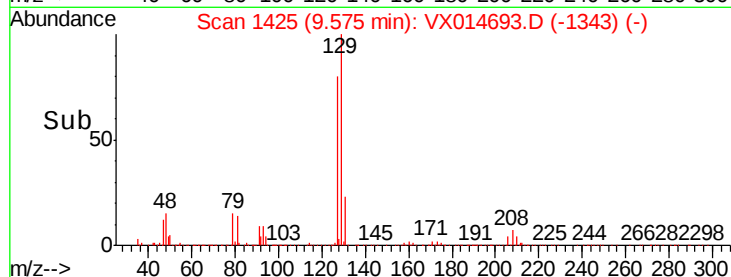
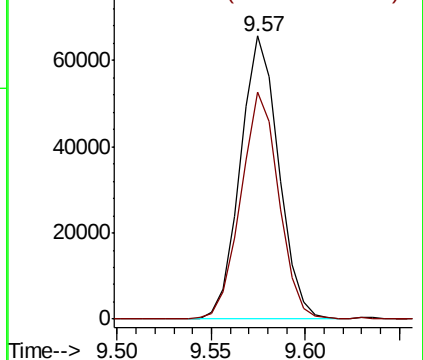
129 100

127 79.0 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.414 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014693.D

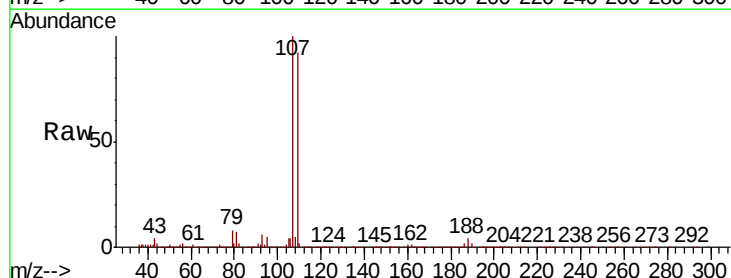
Acq: 24 Jan 2020 13:31

Tgt Ion:107 Resp: 96041

Ion Ratio Lower Upper

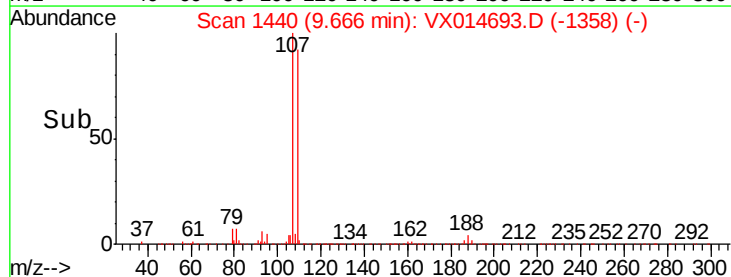
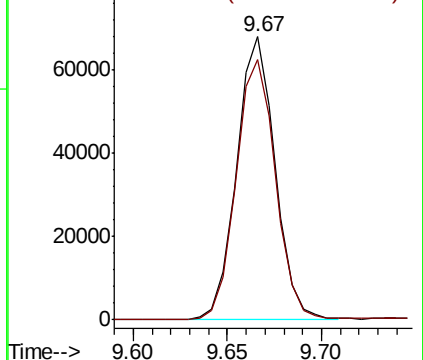
107 100

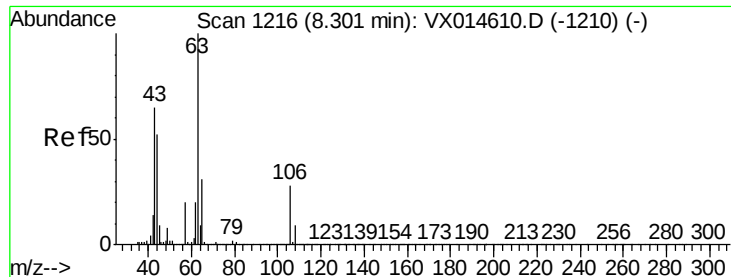
109 93.7 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

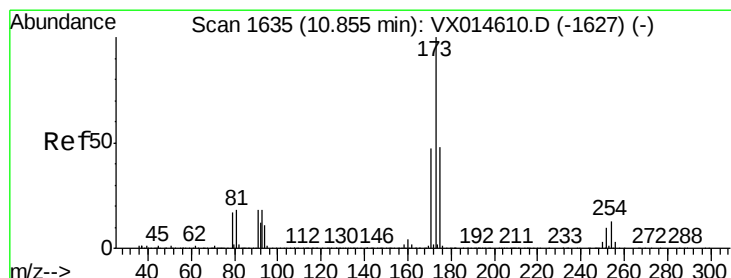
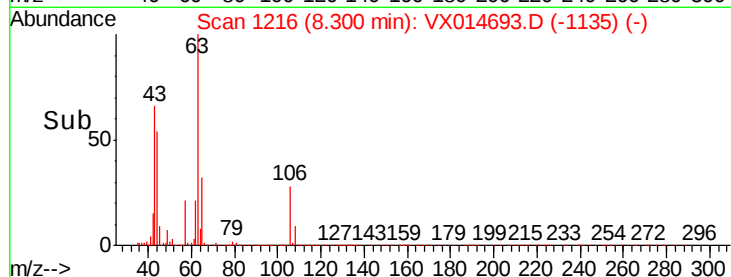
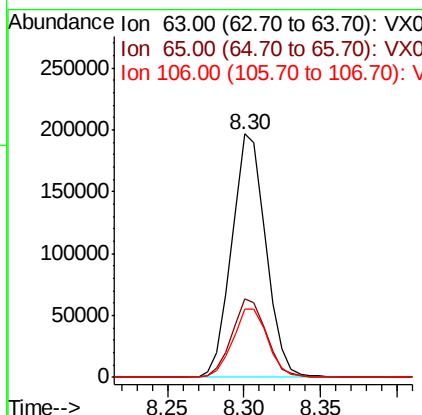
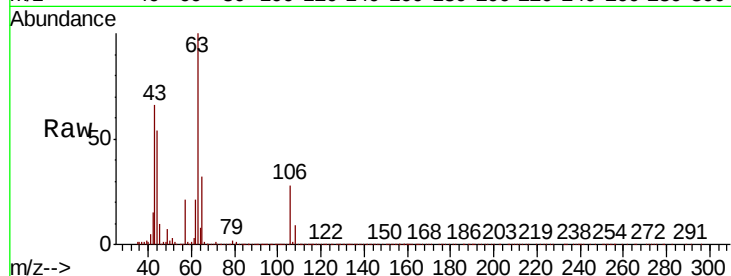




#55
2-Chloroethyl vinyl ether
Concen: 93.462 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

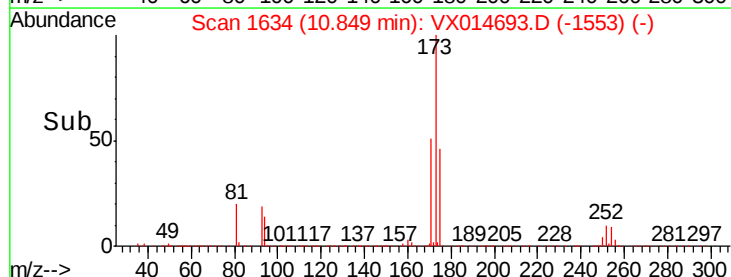
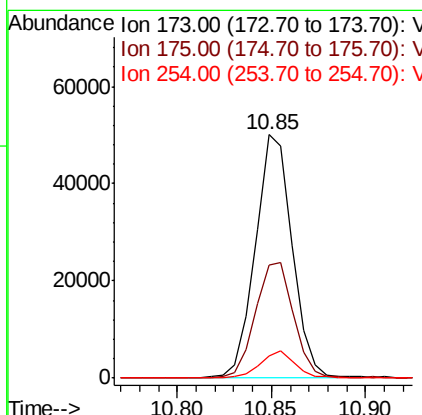
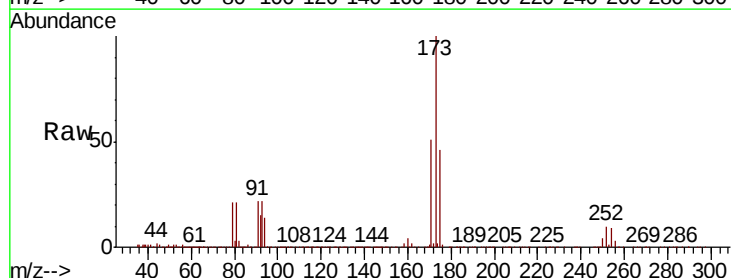
Instrument :
MSVOA_X
ClientSampled :
VX0124WBS01

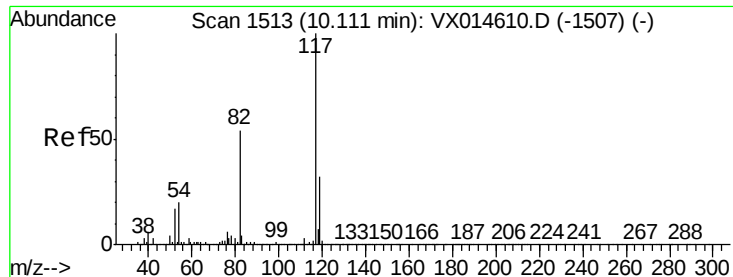
Tot Ion: 63 Resp: 303388
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 28.9 22.9 34.3



#56
Bromoform
Concen: 18.880 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 173 Resp: 67476
Ion Ratio Lower Upper
173 100
175 49.5 39.5 59.3
254 10.8 8.2 12.4

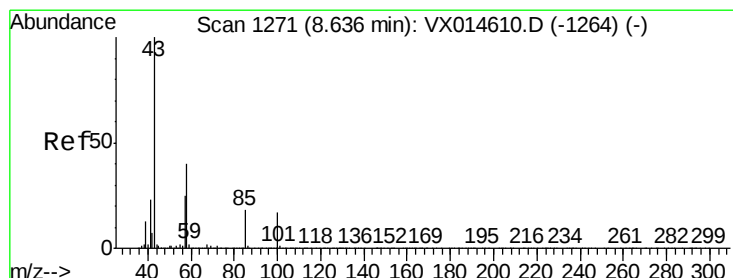
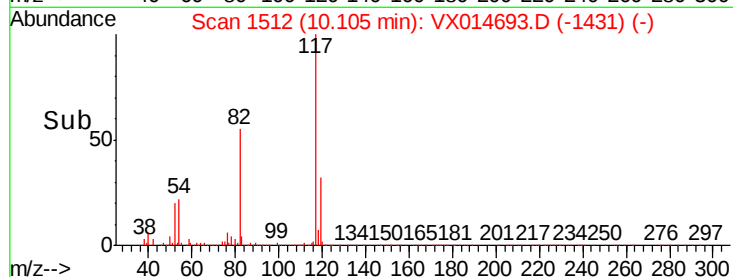
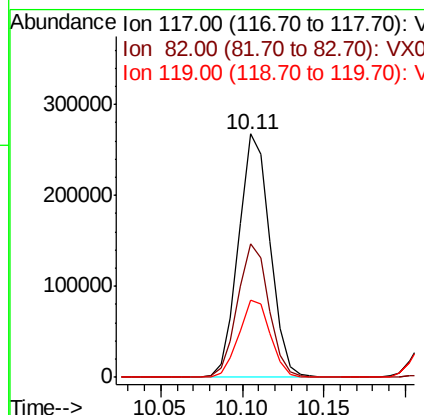
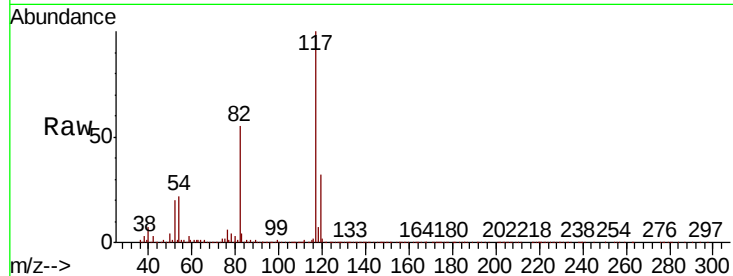




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

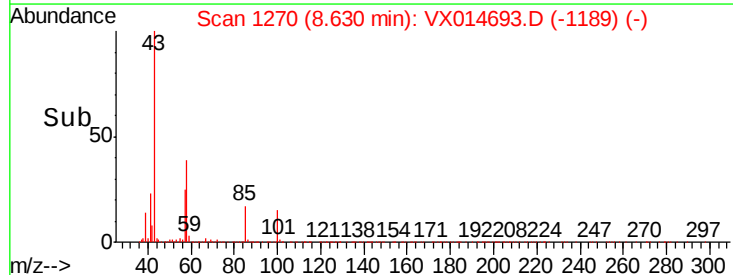
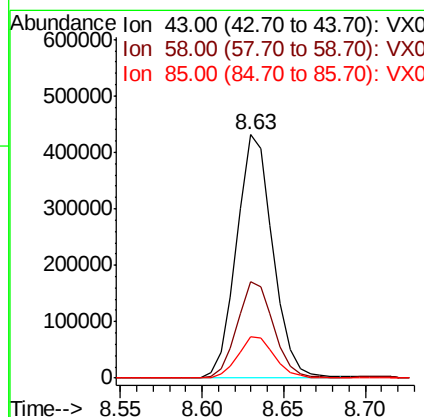
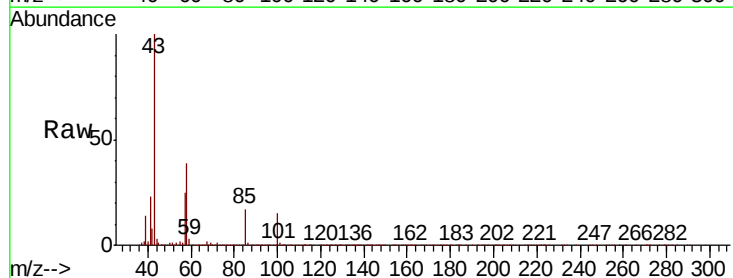
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

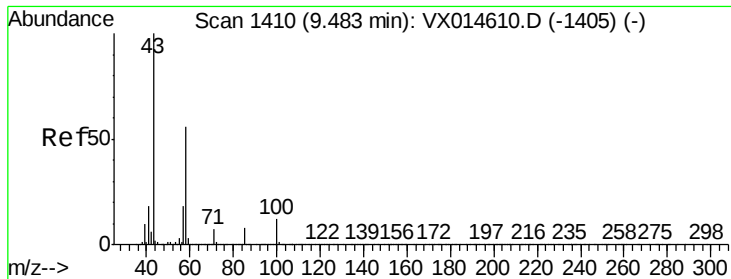
Tot Ion:117 Resp: 361044
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 98.127 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 43 Resp: 667172
Ion Ratio Lower Upper
43 100
58 39.6 31.2 46.8
85 17.4 14.2 21.2

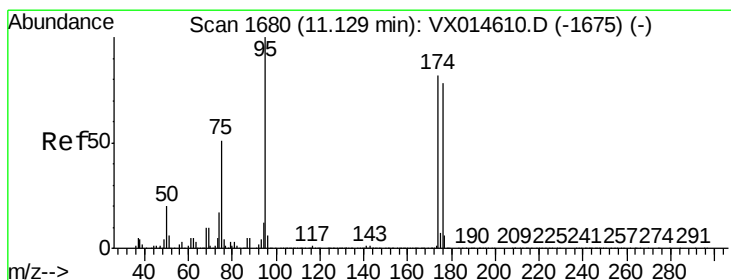
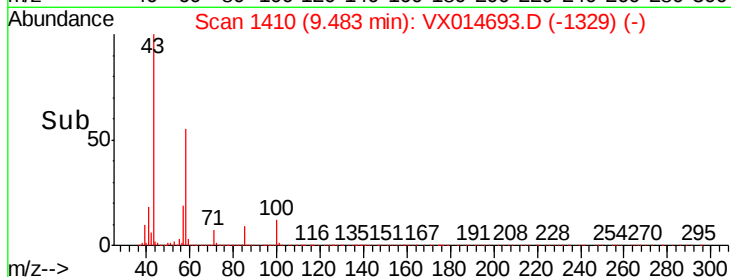
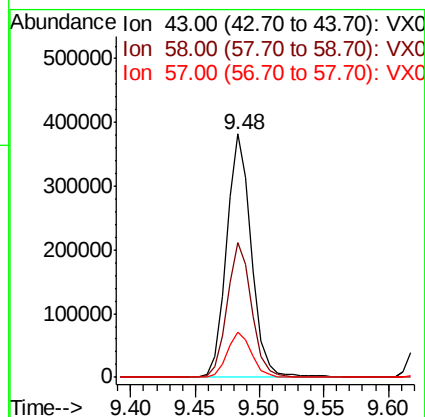
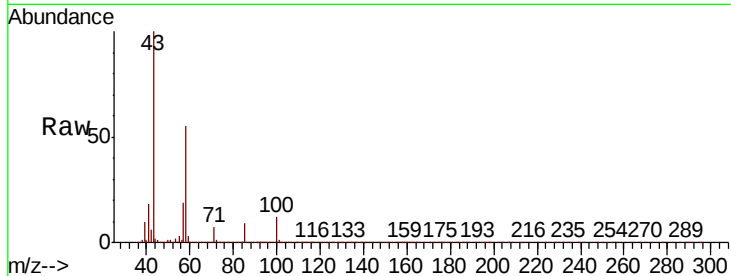




#59
2-Hexanone
Concen: 97.642 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

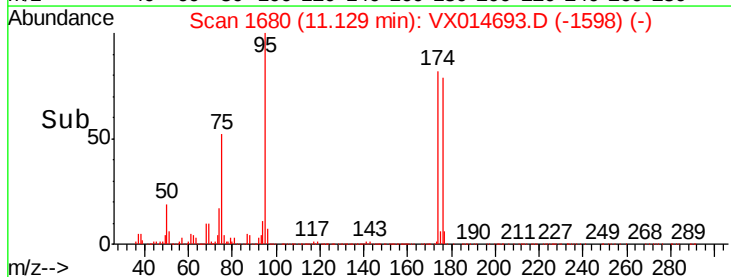
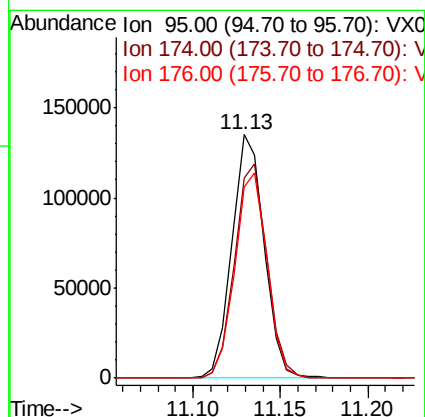
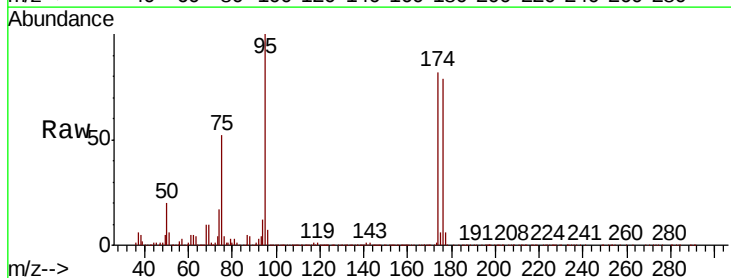
Instrument :
MSVOA_X
ClientSampled :
VX0124WBS01

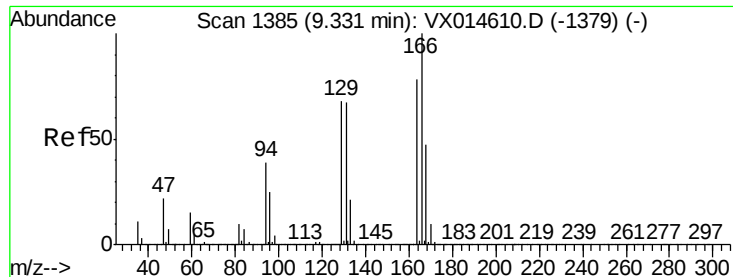
Tot Ion: 43 Resp: 513432
Ion Ratio Lower Upper
43 100
58 55.1 43.8 65.6
57 18.4 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.832 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 95 Resp: 172351
Ion Ratio Lower Upper
95 100
174 89.3 70.2 105.2
176 84.9 68.3 102.5





#61

Tetrachloroethene

Concen: 22.245 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

Tot Ion:164 Resp: 118710

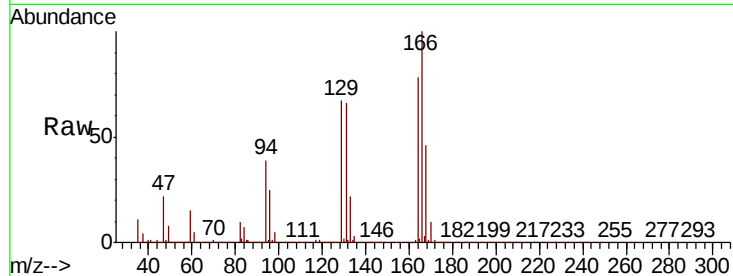
Ion Ratio Lower Upper

164 100

166 127.4 104.2 156.2

129 85.2 71.6 107.4

131 84.7 71.7 107.5

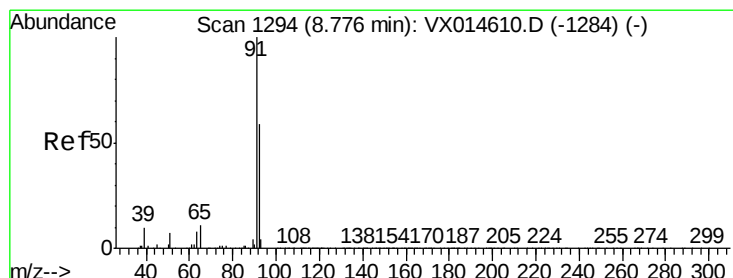
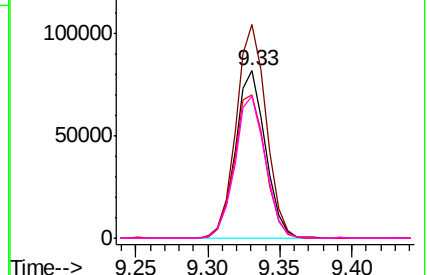
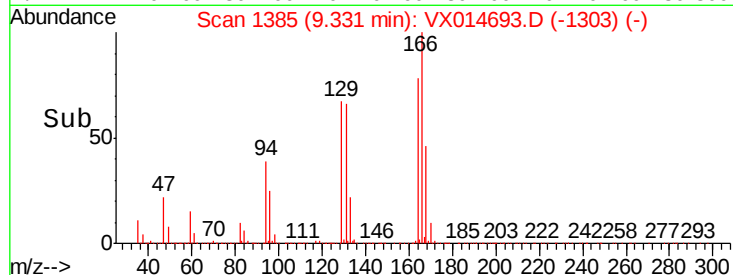


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.128 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014693.D

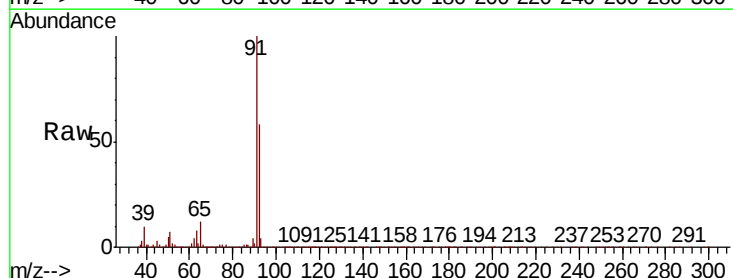
Acq: 24 Jan 2020 13:31

Tgt Ion: 91 Resp: 385548

Ion Ratio Lower Upper

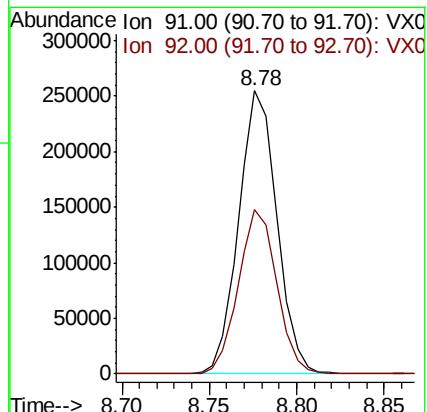
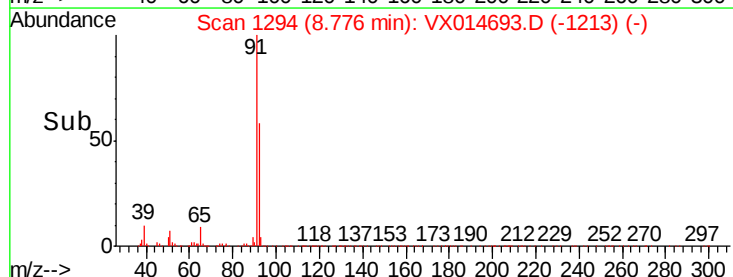
91 100

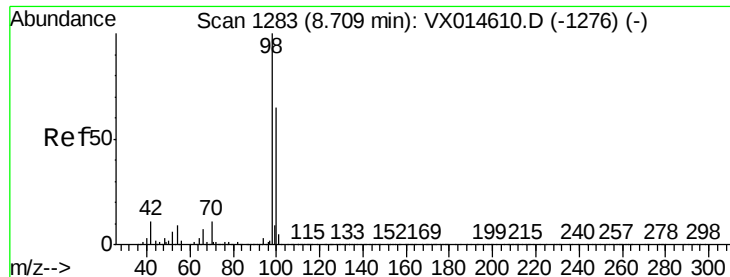
92 59.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.858 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

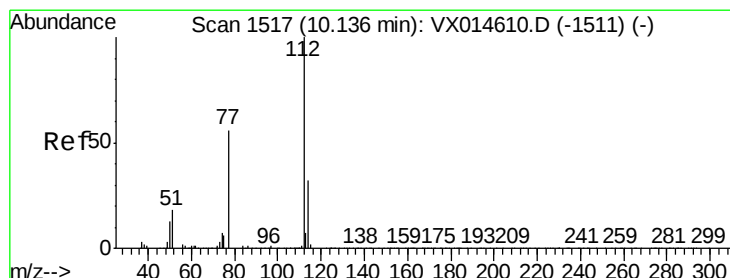
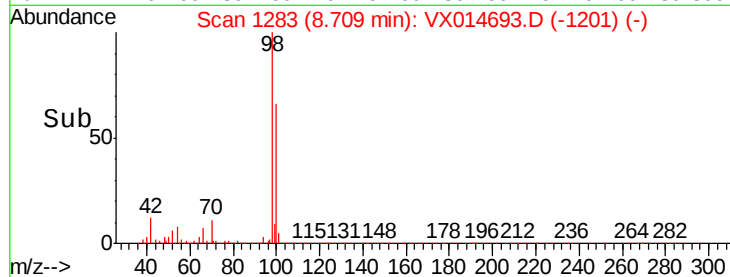
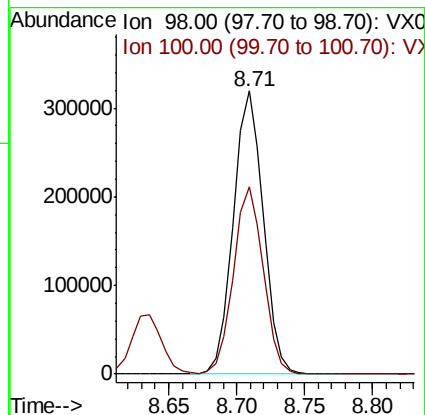
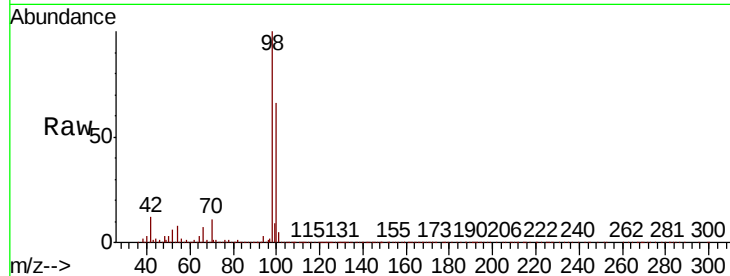
VX0124WBS01

Tot Ion: 98 Resp: 486938

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#64

Chlorobenzene

Concen: 19.966 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014693.D

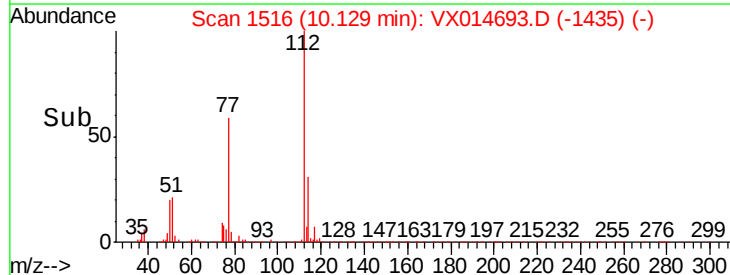
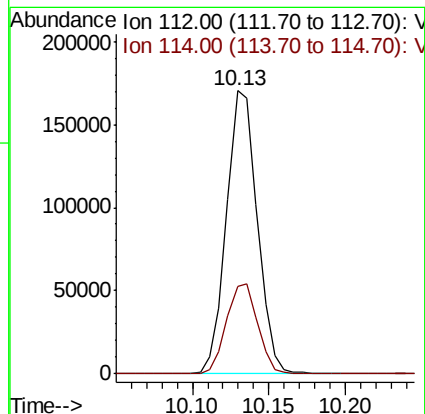
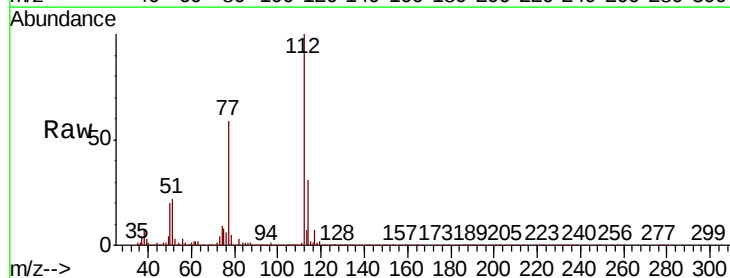
Acq: 24 Jan 2020 13:31

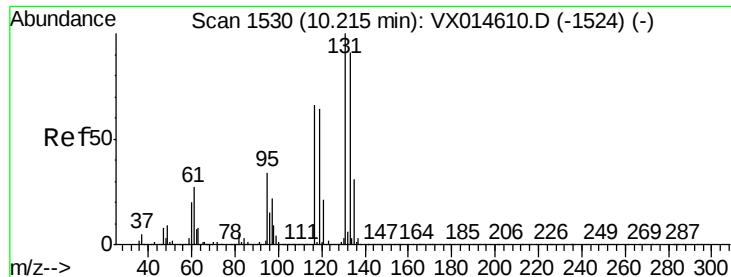
Tgt Ion: 112 Resp: 238752

Ion Ratio Lower Upper

112 100

114 31.0 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.852 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

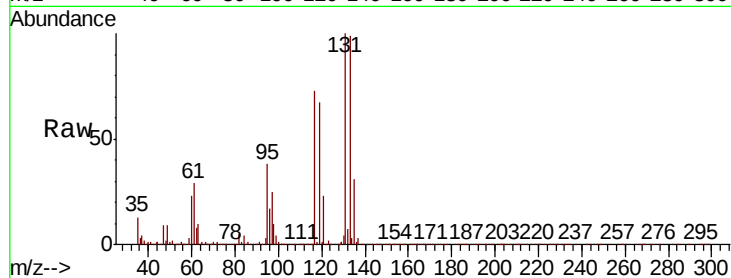
Tot Ion:131 Resp: 87676

Ion Ratio Lower Upper

131 100

133 97.2 0.0 189.8

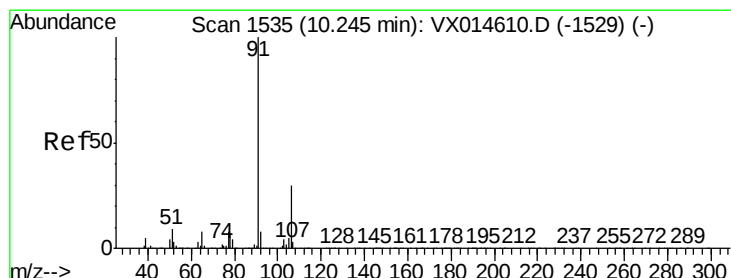
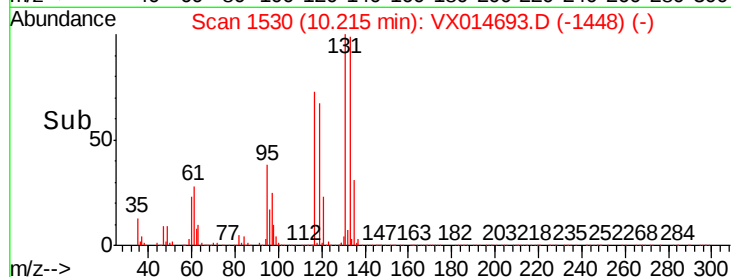
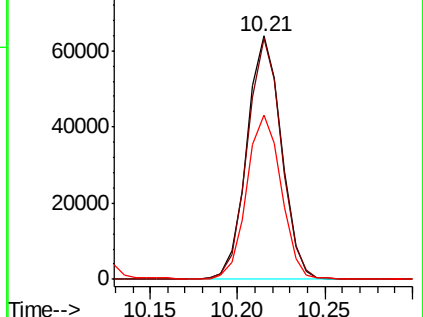
119 67.2 0.0 132.2



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: 20.215 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014693.D

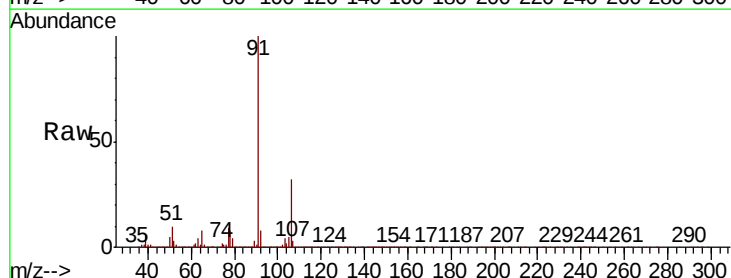
Acq: 24 Jan 2020 13:31

Tgt Ion: 91 Resp: 421757

Ion Ratio Lower Upper

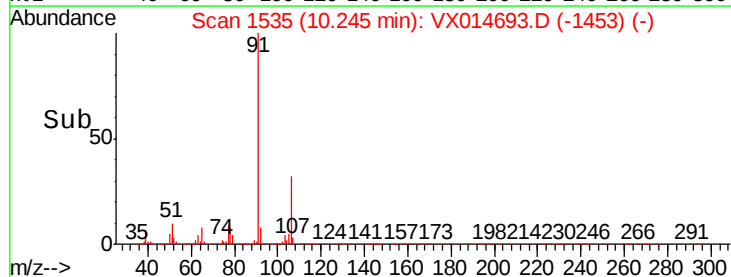
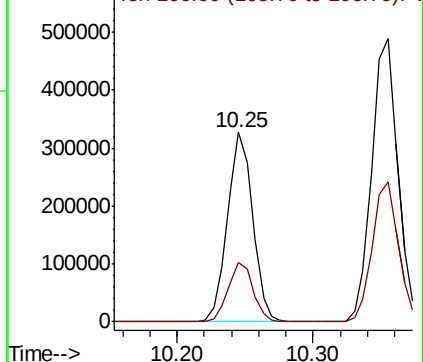
91 100

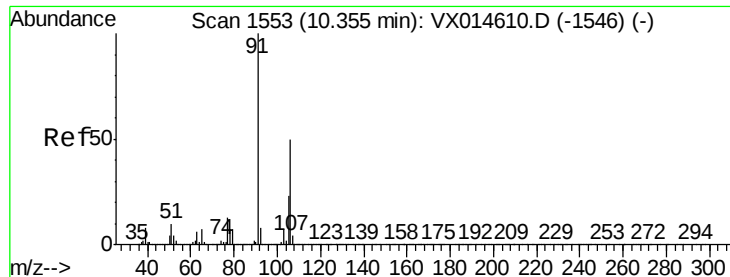
106 31.5 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.550 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

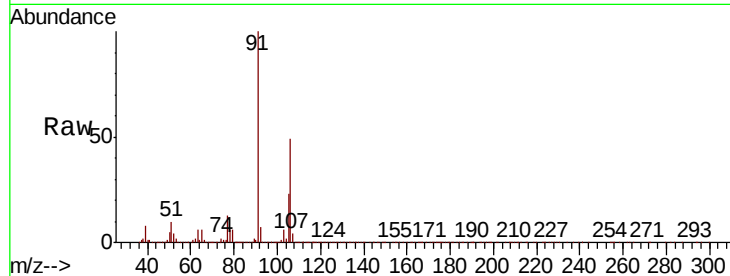
VX0124WBS01

Tot Ion:106 Resp: 324063

Ion Ratio Lower Upper

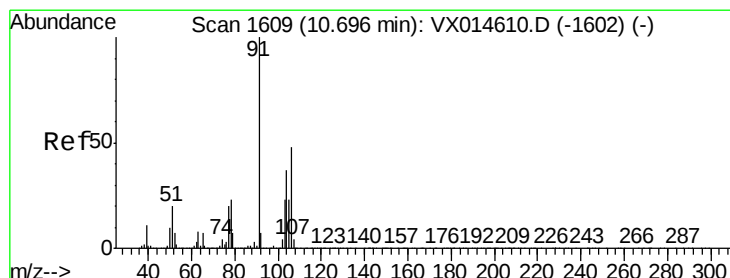
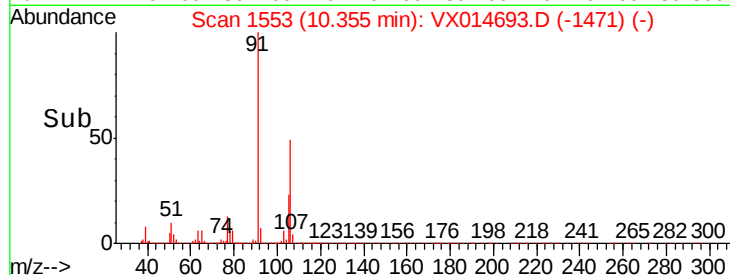
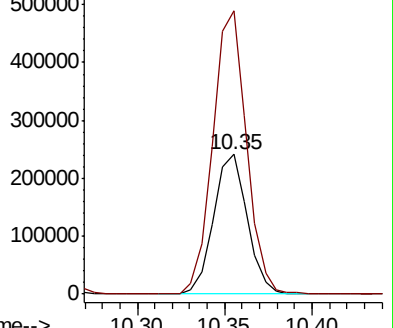
106 100

91 201.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.512 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014693.D

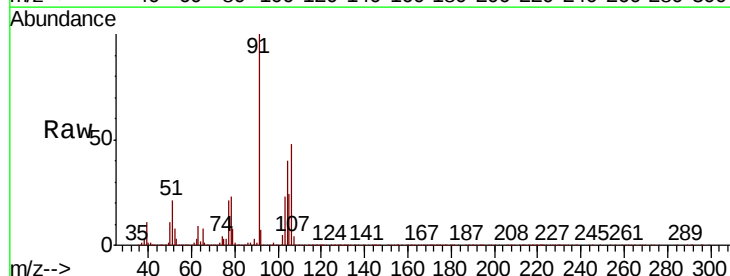
Acq: 24 Jan 2020 13:31

Tgt Ion:106 Resp: 151846

Ion Ratio Lower Upper

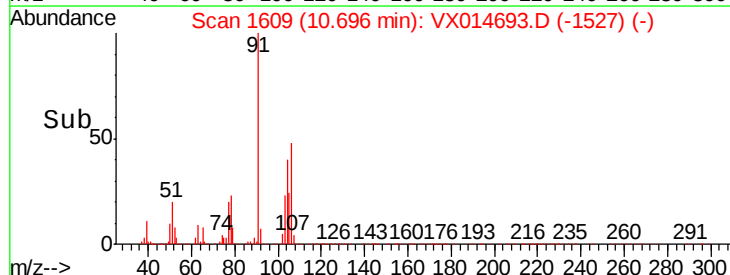
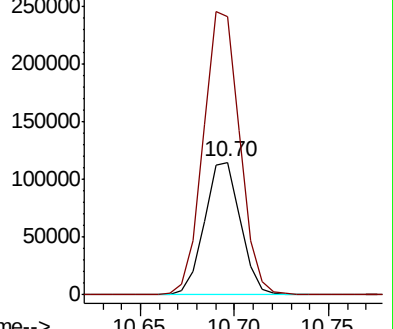
106 100

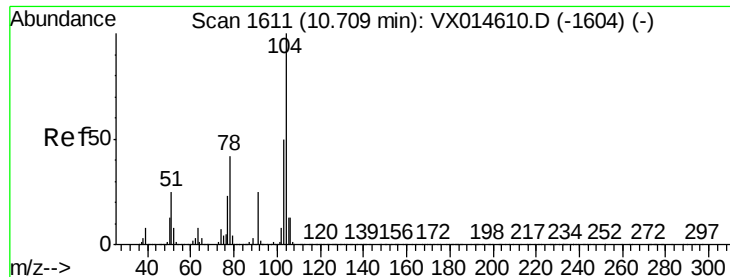
91 216.1 104.8 314.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

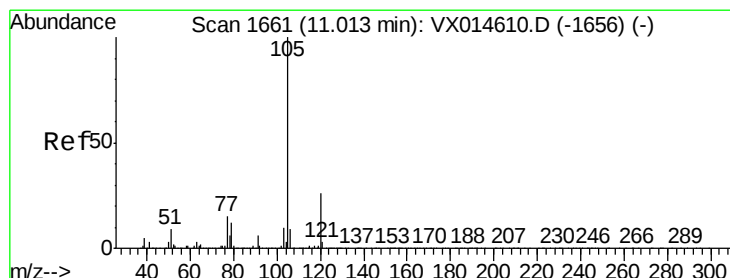
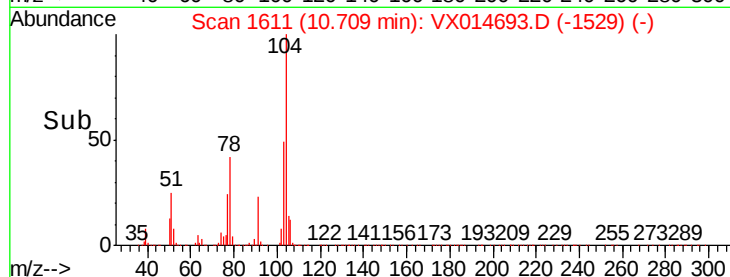
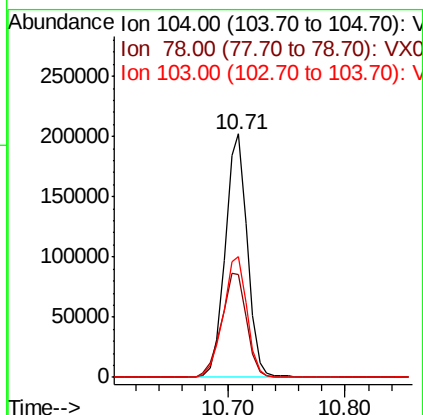
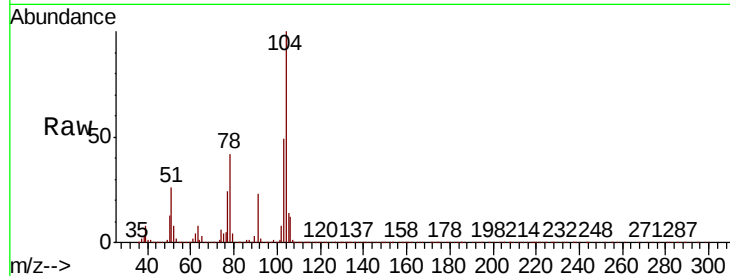




#69
Stvrene
Concen: 20.103 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

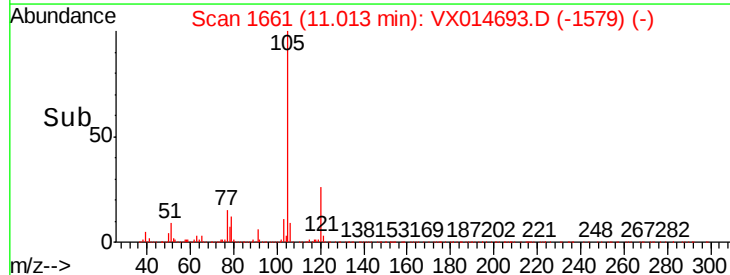
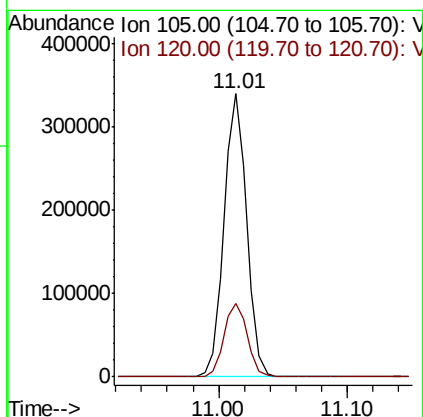
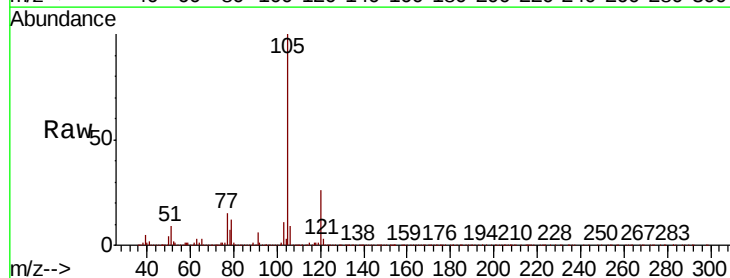
Instrument :
MSVOA_X
ClientSampled :
VX0124WBS01

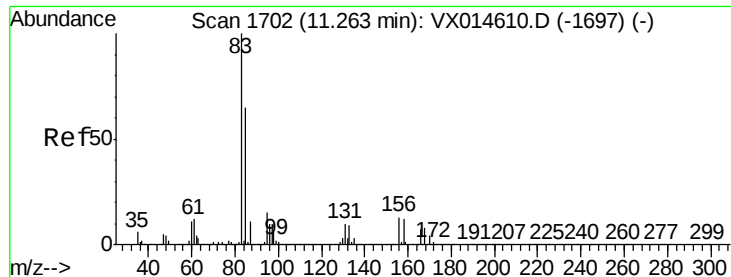
Tot Ion:104 Resp: 265062
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 53.4 44.2 66.2



#70
Isopropylbenzene
Concen: 20.614 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion:105 Resp: 420261
Ion Ratio Lower Upper
105 100
120 26.7 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.398 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

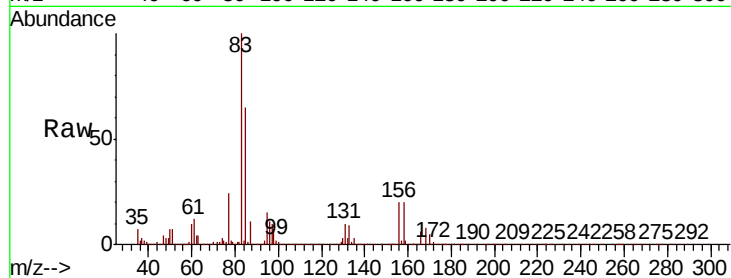
MSVOA_X

ClientSampled :

VX0124WBS01

Tot Ion: 83 Resp: 133217

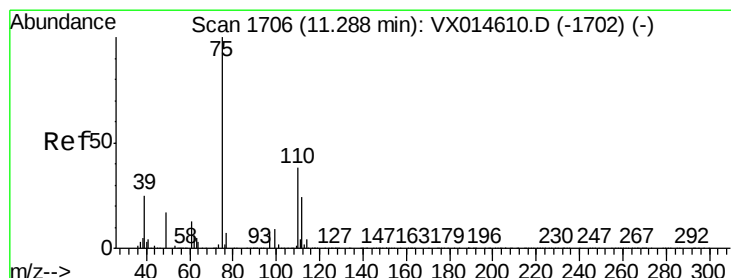
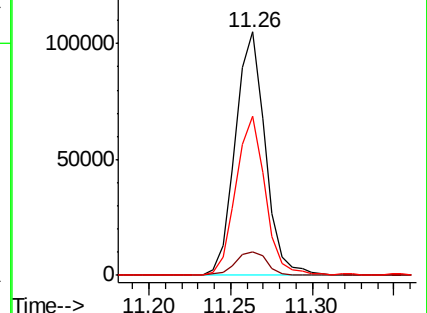
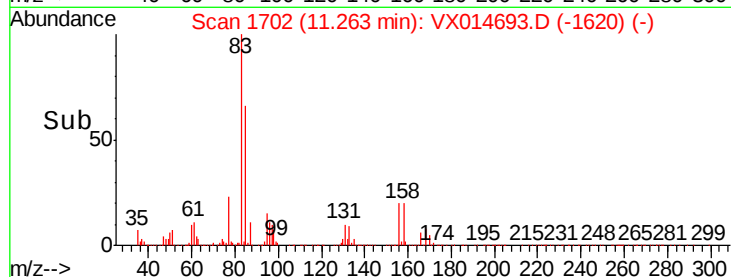
Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.7
85	64.5	31.6	94.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.213 ug/l

RT: 11.29 min Scan# 1706

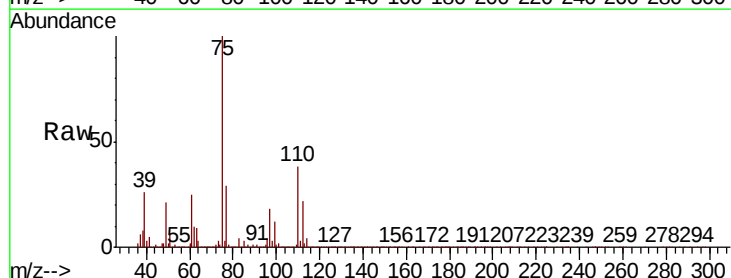
Delta R.T. -0.01 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

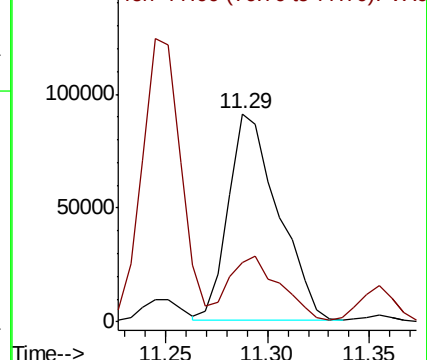
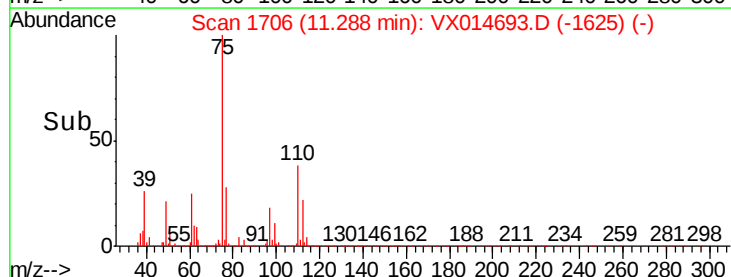
Tgt Ion: 75 Resp: 153985

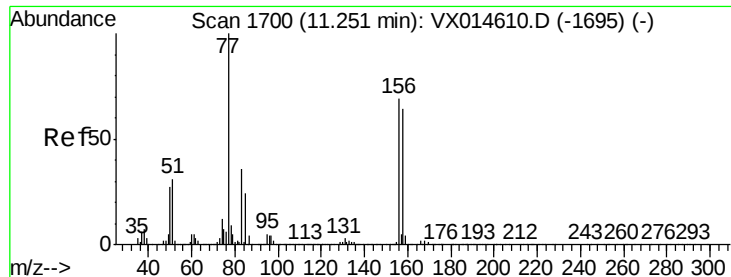
Ion	Ratio	Lower	Upper
75	100		
77	31.3	0.0	68.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.275 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

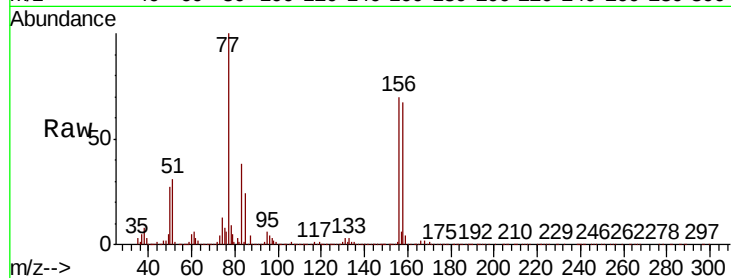
Tot Ion:156 Resp: 109576

Ion Ratio Lower Upper

156 100

77 150.2 0.0 304.6

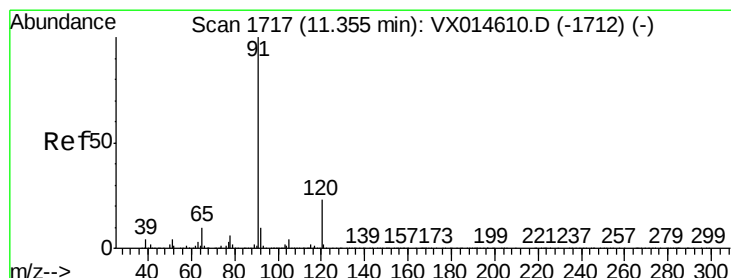
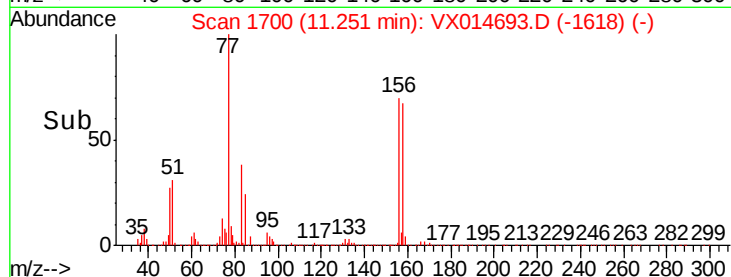
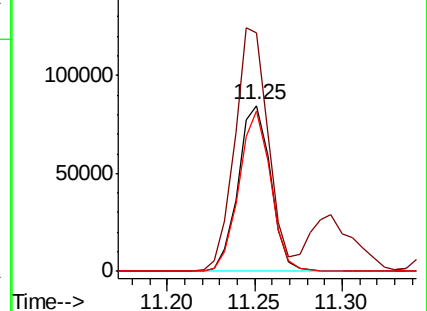
158 94.8 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.741 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014693.D

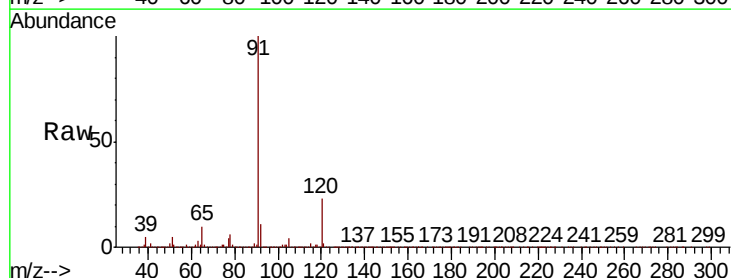
Acq: 24 Jan 2020 13:31

Tgt Ion: 91 Resp: 483187

Ion Ratio Lower Upper

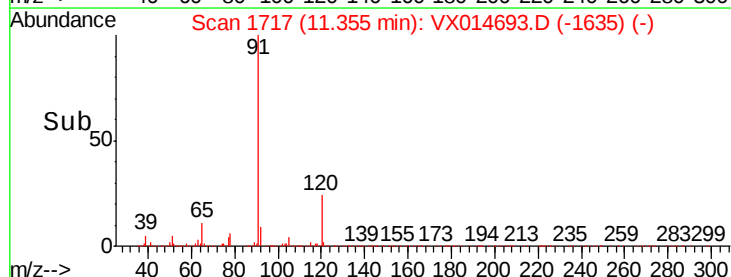
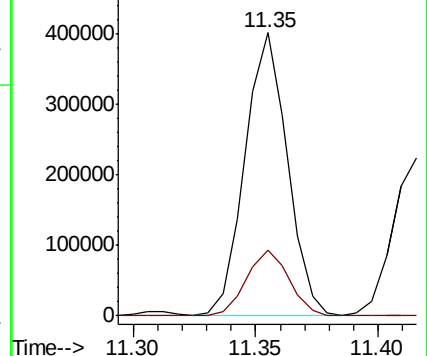
91 100

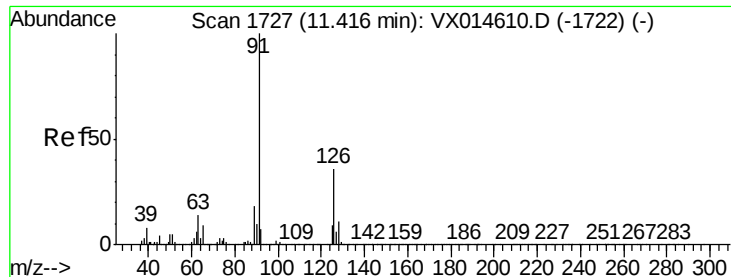
120 23.4 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.096 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampled :

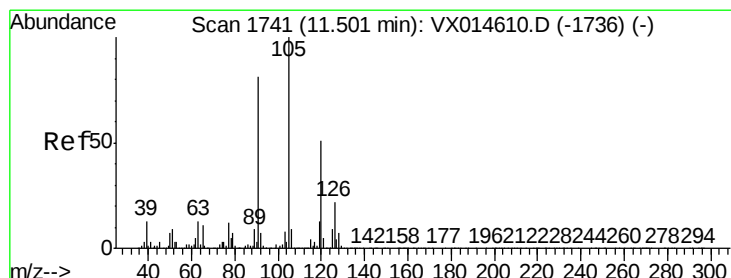
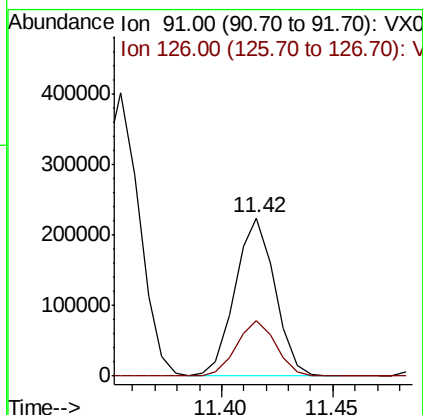
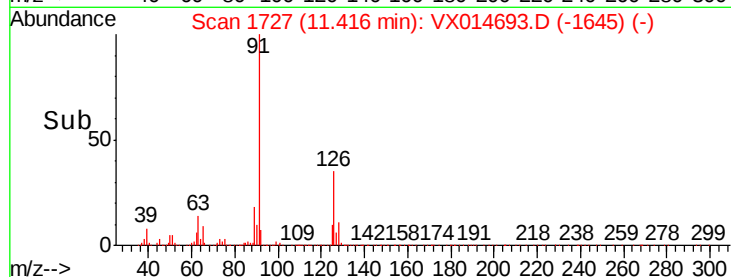
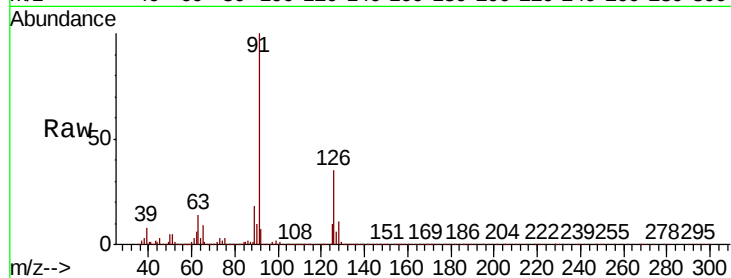
VX0124WBS01

Tot Ion: 91 Resp: 280585

Ion Ratio Lower Upper

91 100

126 34.7 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 20.626 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014693.D

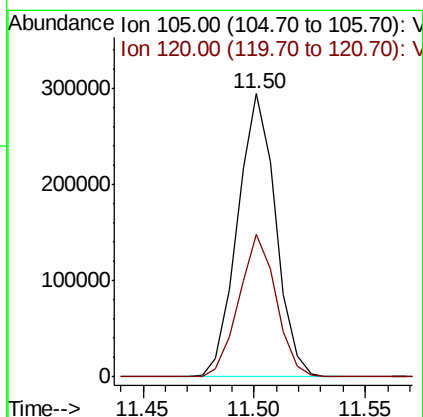
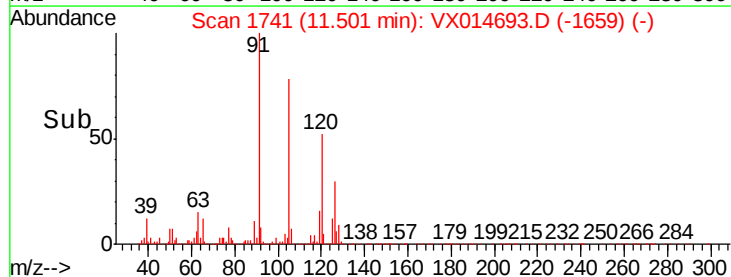
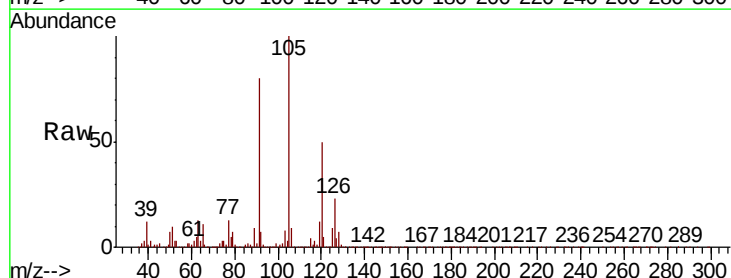
Acq: 24 Jan 2020 13:31

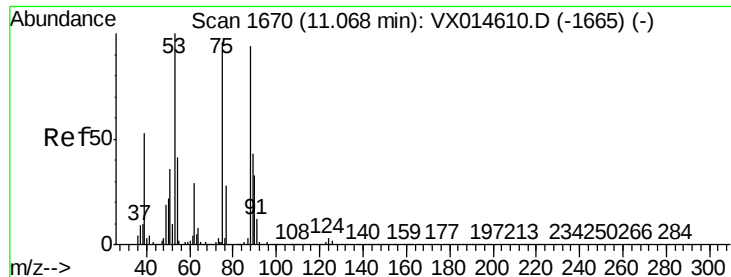
Tgt Ion: 105 Resp: 350402

Ion Ratio Lower Upper

105 100

120 49.4 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.323 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

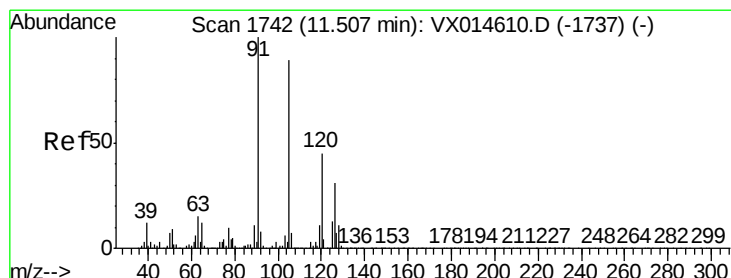
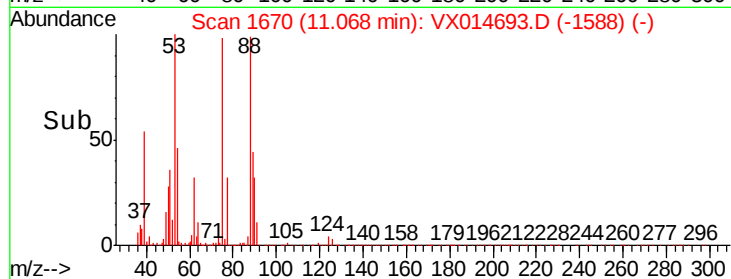
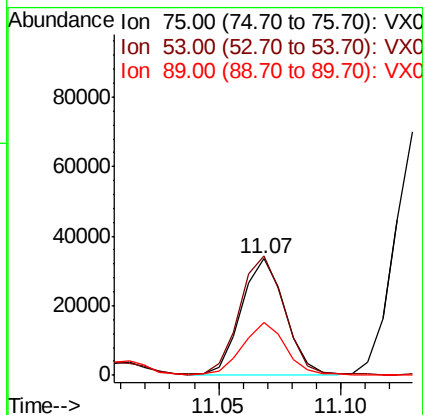
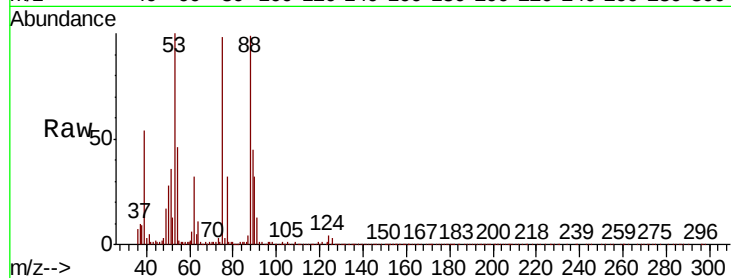
Tot Ion: 75 Resp: 41425

Ion Ratio Lower Upper

75 100

53 101.6 54.4 163.1

89 45.0 21.9 65.5



#78

4-Chlorotoluene

Concen: 20.411 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014693.D

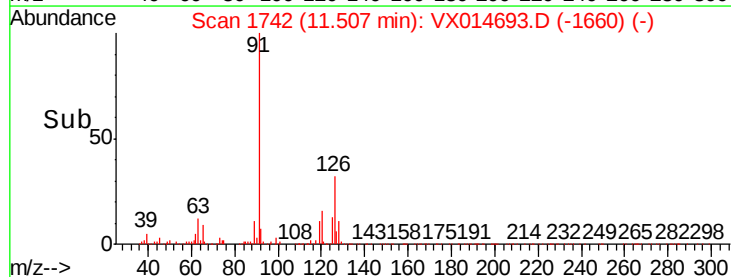
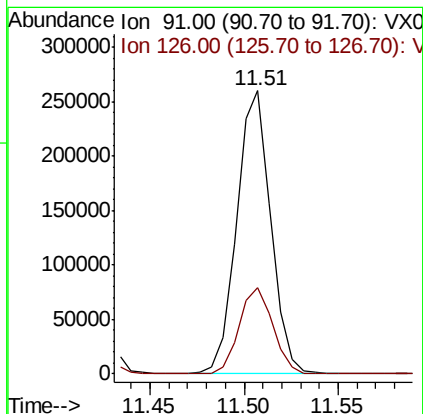
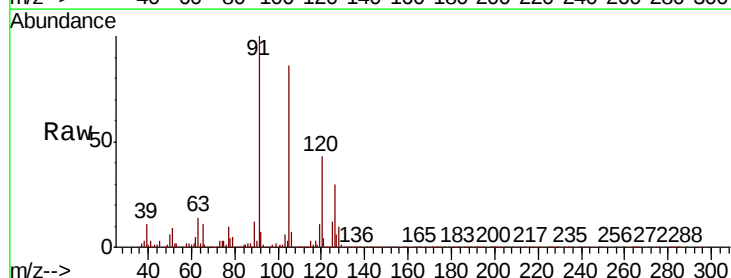
Acq: 24 Jan 2020 13:31

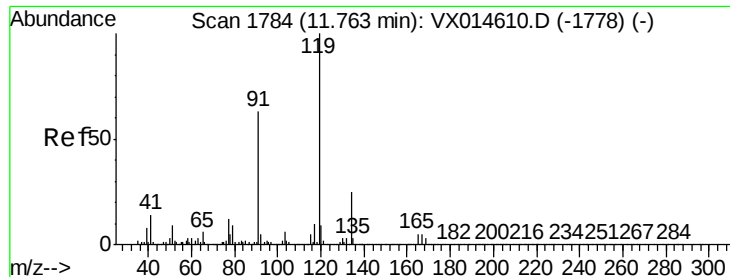
Tgt Ion: 91 Resp: 323648

Ion Ratio Lower Upper

91 100

126 30.4 0.0 59.6

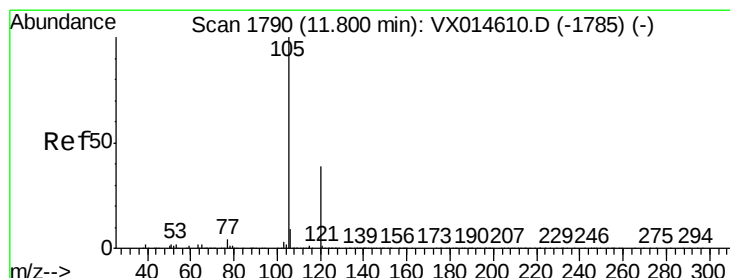
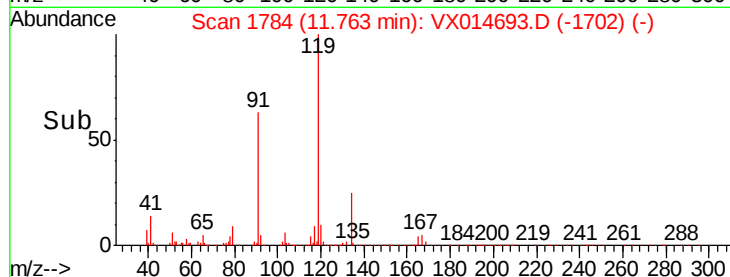
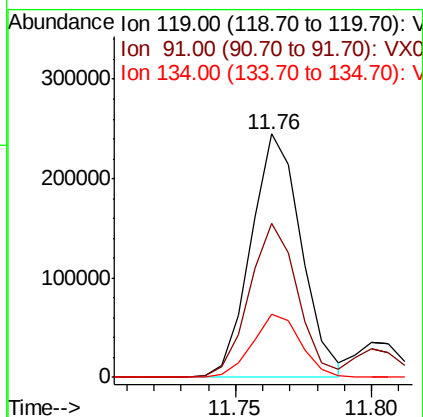
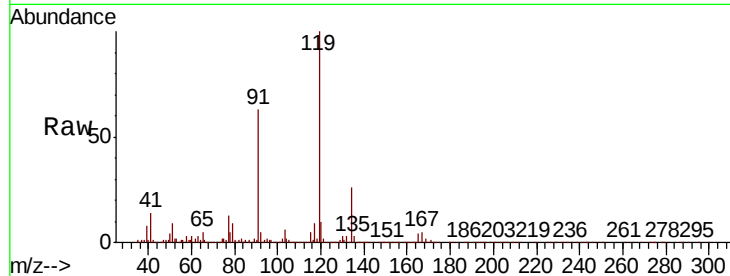




#79
tert-butylbenzene
Concen: 19.786 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

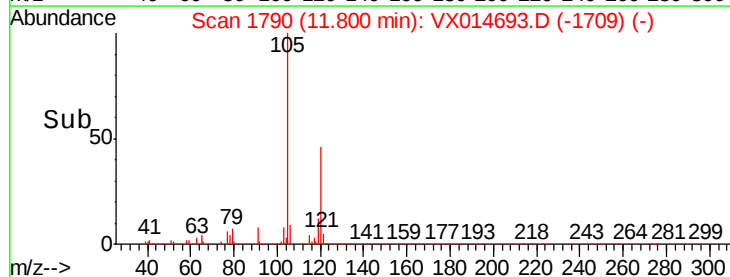
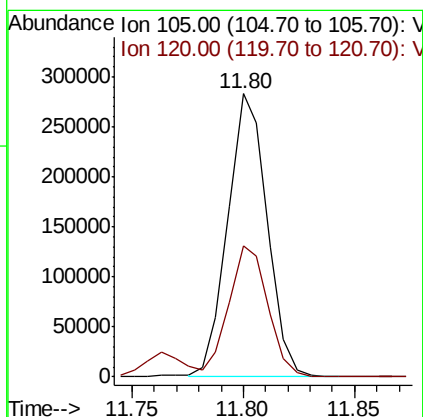
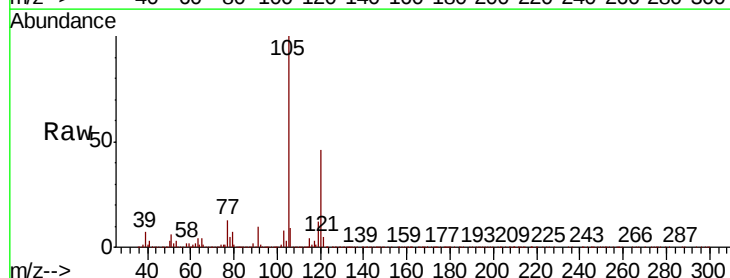
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

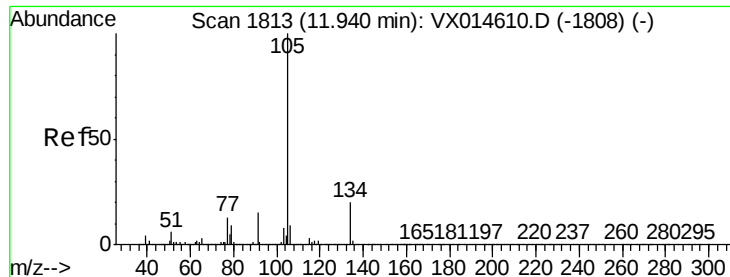
Tot Ion:119 Resp: 314520
Ion Ratio Lower Upper
119 100
91 60.6 0.0 112.6
134 24.8 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 20.486 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion:105 Resp: 347107
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.0





#81

sec-Butylbenzene

Concen: 20.601 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

Instrument :

MSVOA_X

ClientSampleId :

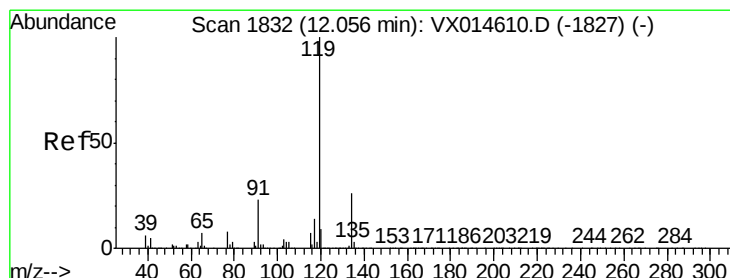
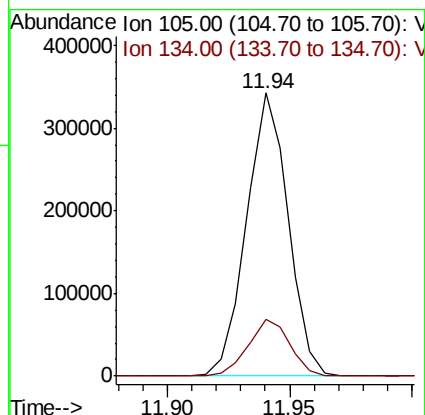
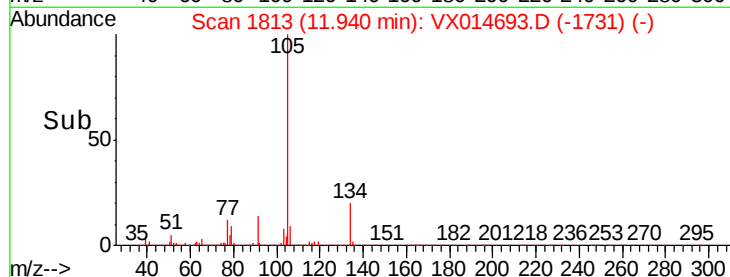
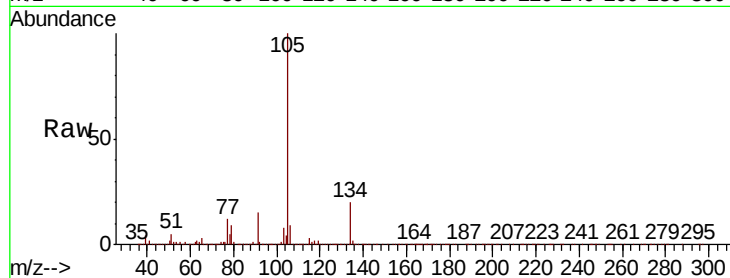
VX0124WBS01

Tot Ion:105 Resp: 405211

Ion Ratio Lower Upper

105 100

134 20.4 0.0 40.2



#82

p-Isopropyltoluene

Concen: 20.335 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014693.D

Acq: 24 Jan 2020 13:31

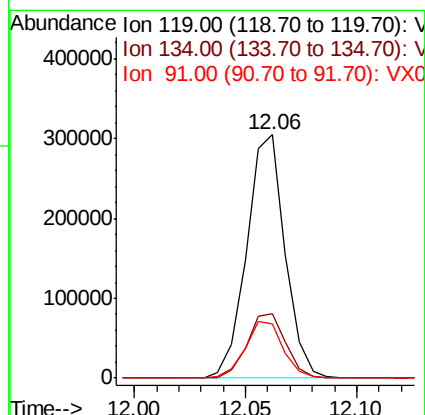
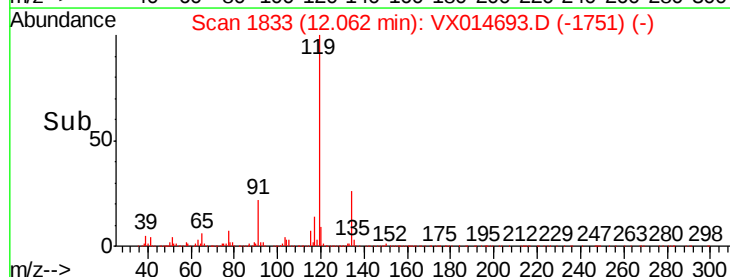
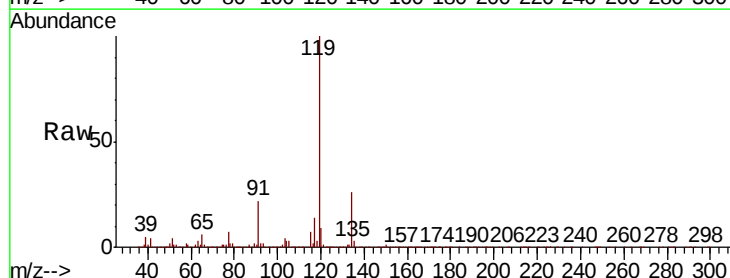
Tgt Ion:119 Resp: 365149

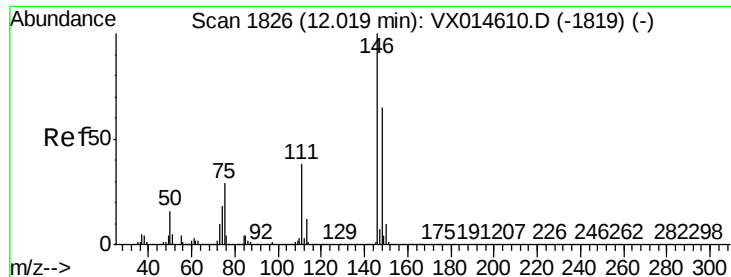
Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.8

91 23.2 0.0 45.0

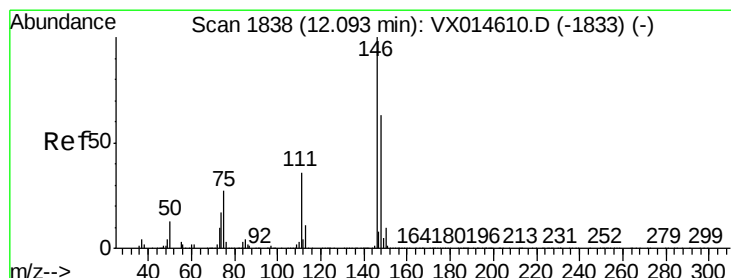
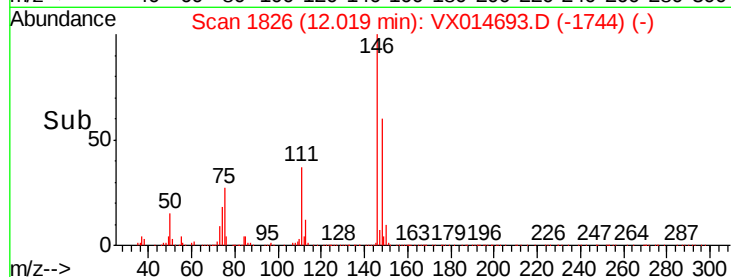
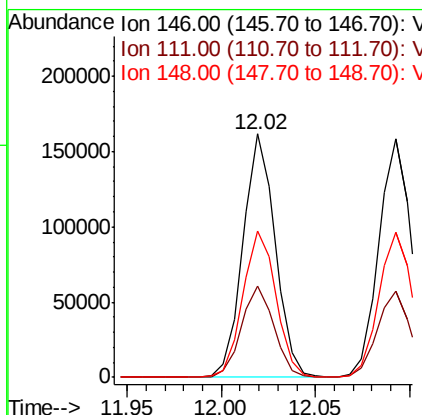
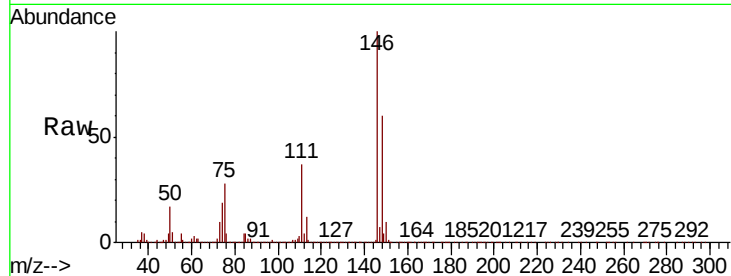




#83
 1,3-Dichlorobenzene
 Concen: 20.328 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

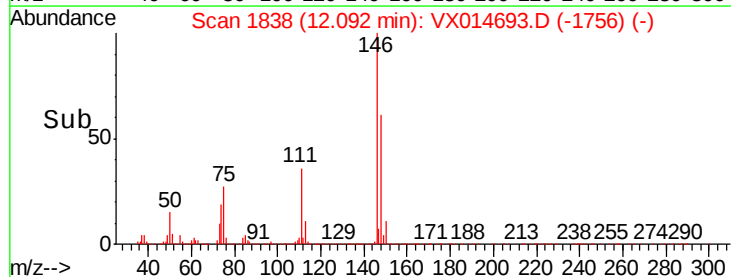
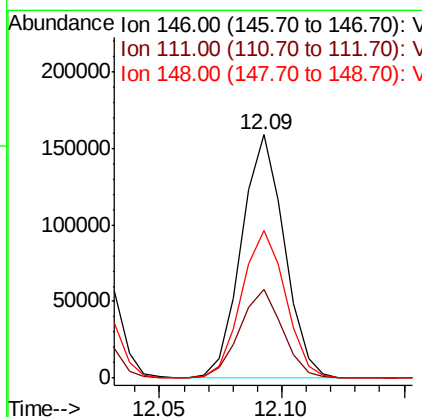
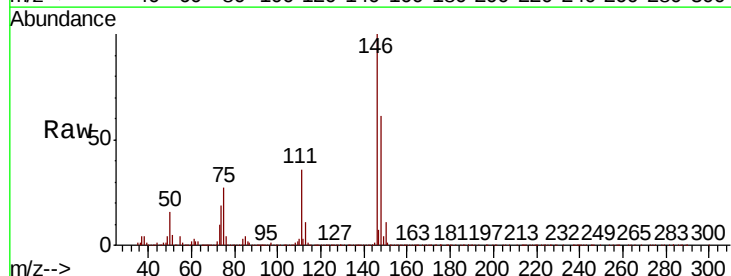
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

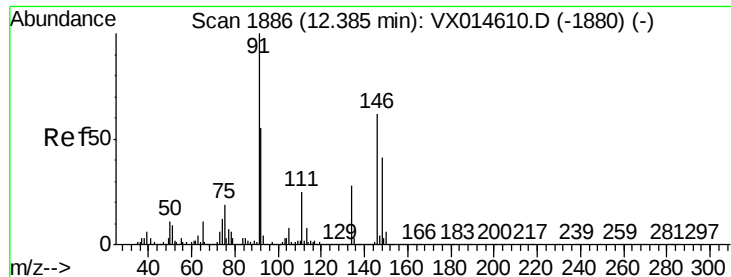
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.9
148	62.2	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.654 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.4
148	62.2	32.0	96.0

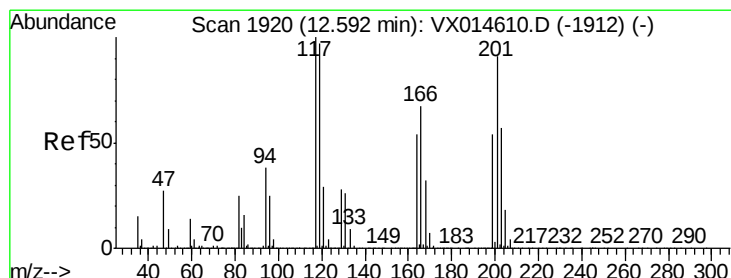
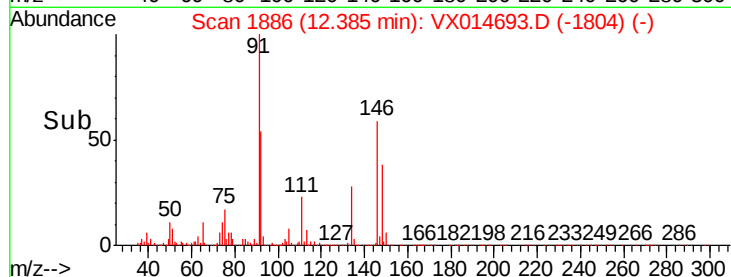
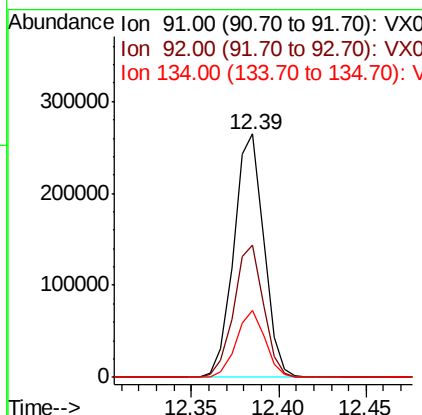
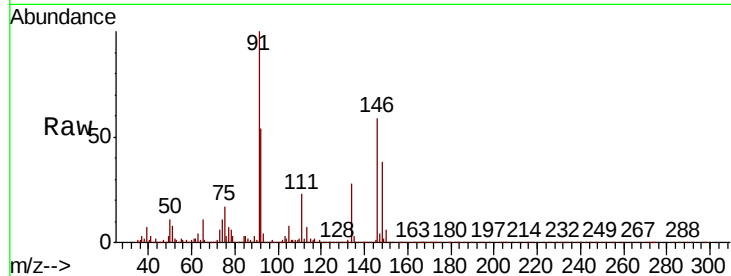




#85
n-Butylbenzene
Concen: 20.113 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

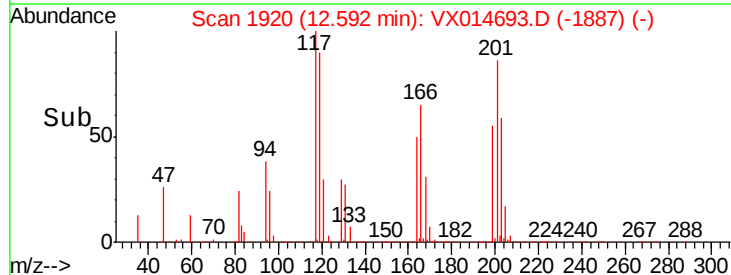
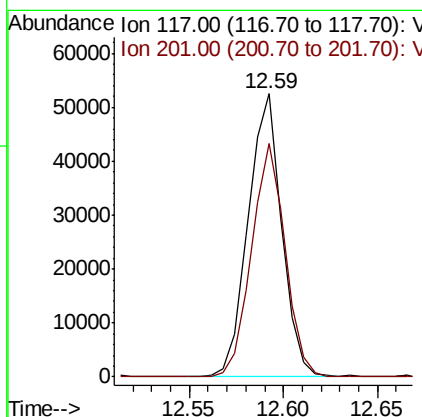
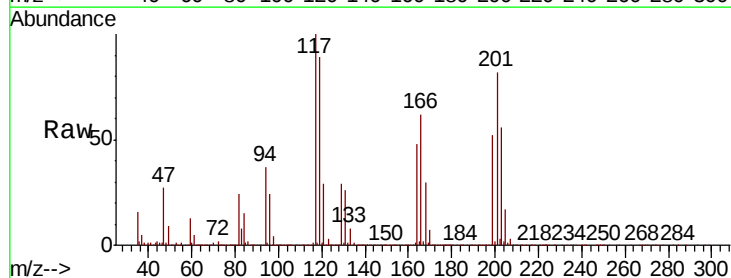
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

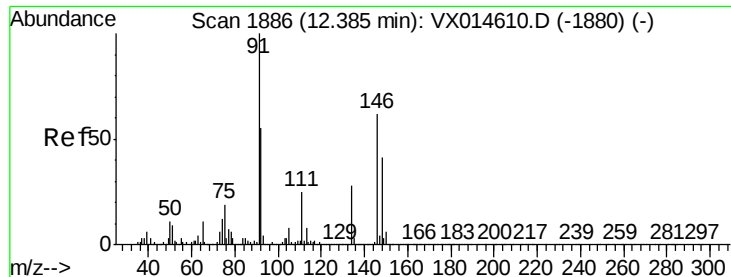
Tot Ion: 91 Resp: 315994
Ion Ratio Lower Upper
91 100
92 54.0 0.0 109.0
134 26.5 0.0 54.0



#86
Hexachloroethane
Concen: 20.157 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion: 117 Resp: 64905
Ion Ratio Lower Upper
117 100
201 82.1 44.8 134.3

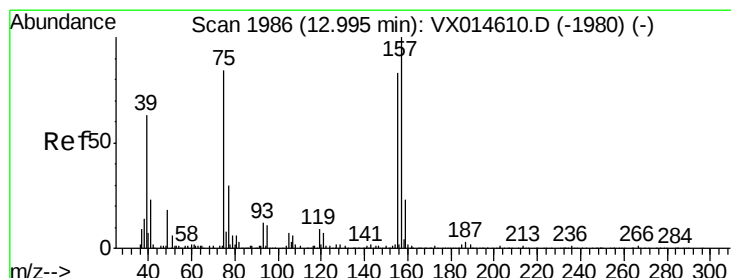
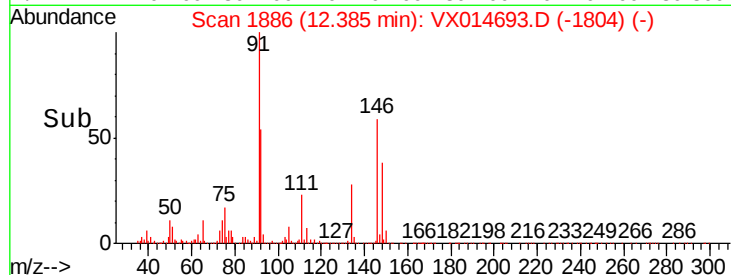
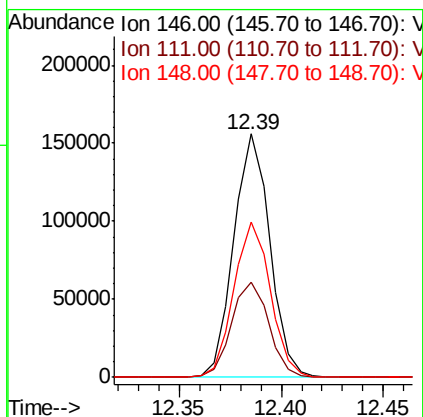
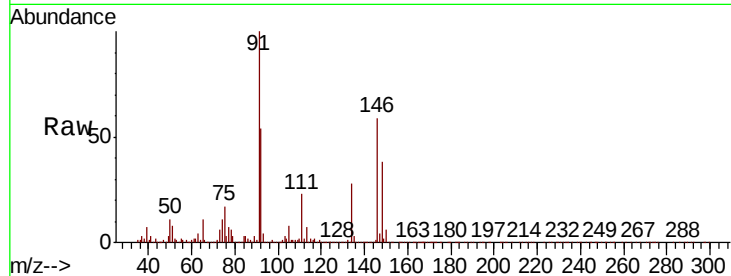




#87
 1,2-Dichlorobenzene
 Concen: 20.026 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

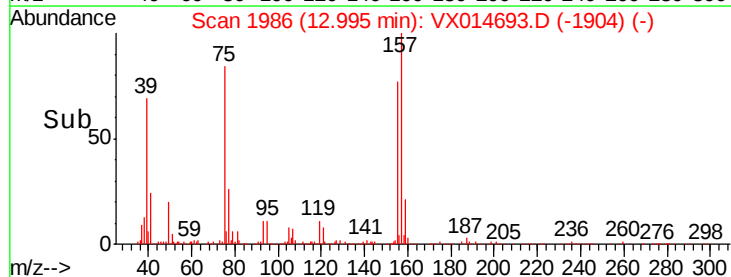
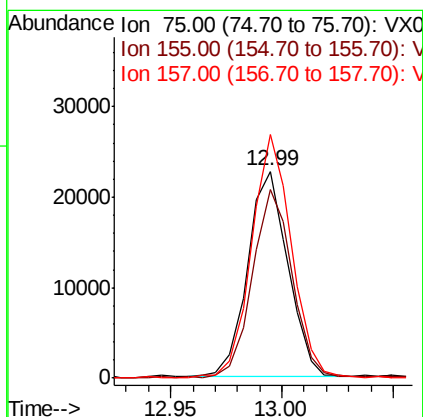
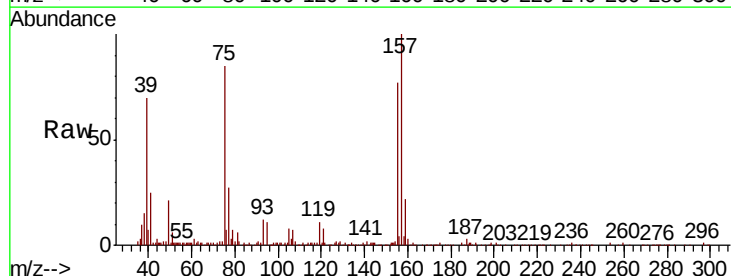
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

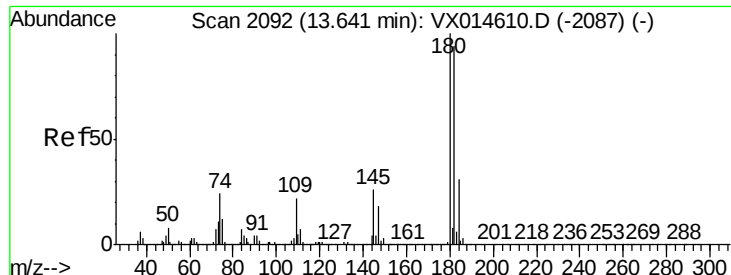
Tot Ion:146 Resp: 190683
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.2
 148 64.9 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.515 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

Tgt Ion: 75 Resp: 28628
 Ion Ratio Lower Upper
 75 100
 155 90.3 73.8 110.6
 157 117.2 95.0 142.4

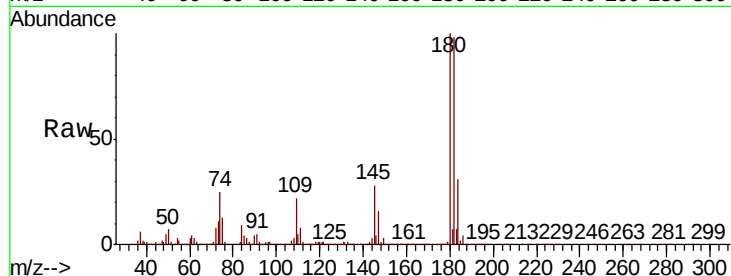




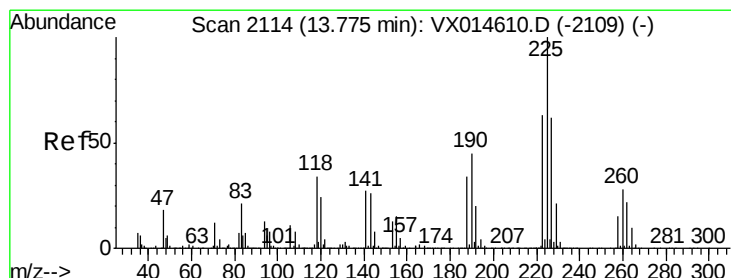
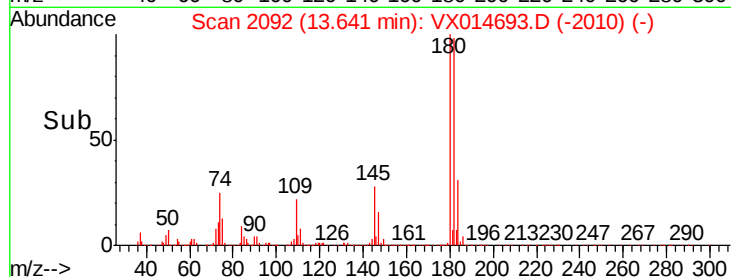
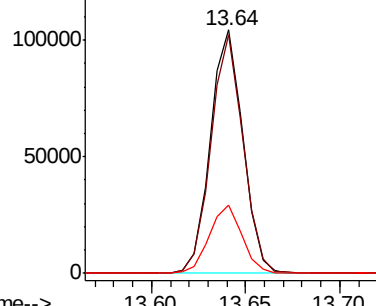
#89
 1,2,4-Trichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0124WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	28.2	21.9	32.9

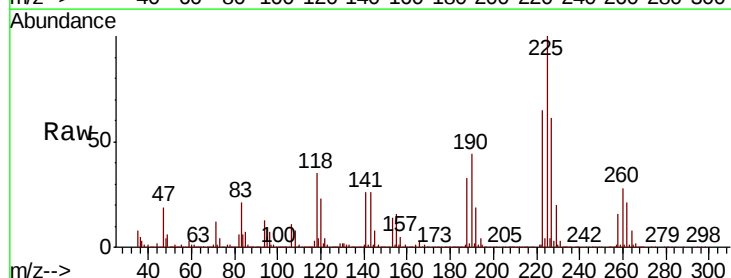


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

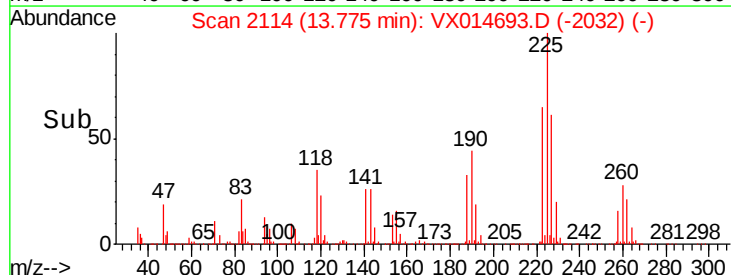
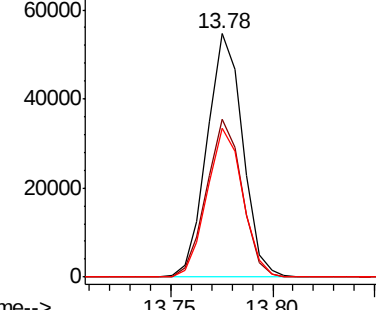


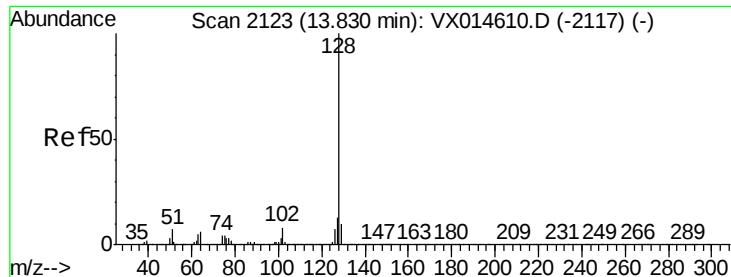
#90
 Hexachlorobutadiene
 Concen: 21.068 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014693.D
 Acq: 24 Jan 2020 13:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	0.0	127.4
227	61.5	0.0	122.8



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

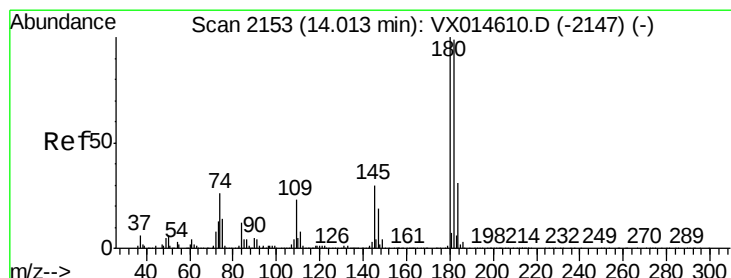
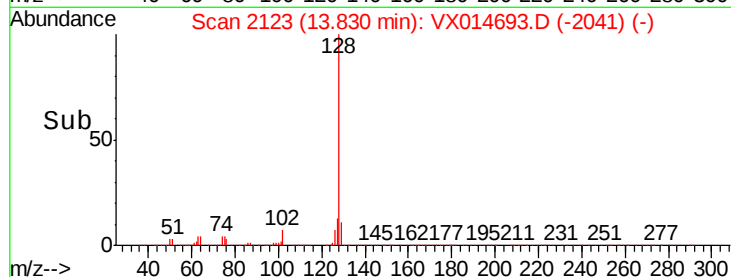
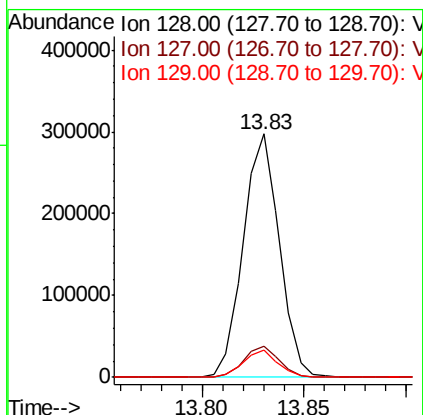
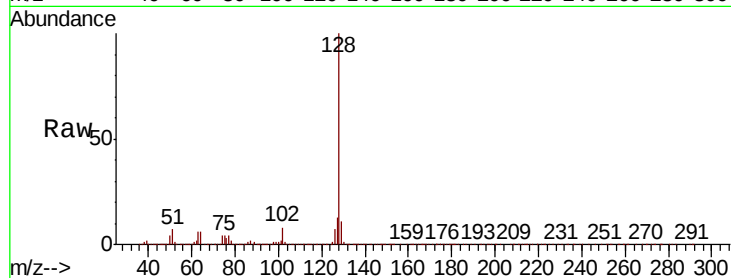




#91
Naphthalene
Concen: 19.273 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

Tot Ion:128 Resp: 365632
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.911 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014693.D
Acq: 24 Jan 2020 13:31

Tgt Ion:180 Resp: 127371
Ion Ratio Lower Upper
180 100
182 94.8 0.0 192.8
145 30.5 0.0 60.0

