

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014835.D
 Acq On : 05 Feb 2020 20:10
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 03:08:35 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	5.01	128	71176	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	386860	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	349711	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	150287	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.13	95	163610	29.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.47%
63) Toluene-d8	8.71	98	468804	29.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	94573	19.226	ug/l 96
3) Chloromethane	1.32	50	98461	18.283	ug/l 94
4) Vinyl Chloride	1.40	62	115331	19.073	ug/l 100
5) Bromomethane	1.64	94	71940	19.065	ug/l 98
6) Chloroethane	1.72	64	64704	18.981	ug/l 97
7) Trichlorofluoromethane	1.93	101	134045	20.020	ug/l 99
8) Diethyl Ether	2.18	74	57763	19.751	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77274	19.727	ug/l 100
10) 1,1-Dichloroethene	2.37	96	79170	20.093	ug/l 94
11) Methyl Iodide	2.50	142	105897	20.040	ug/l 97
12) Methyl Acetate	2.76	43	143763	20.198	ug/l 99
13) Acrolein	2.28	56	62881	84.107	ug/l 99
14) Acrylonitrile	3.13	53	228983	94.019	ug/l 98
15) Acetone	2.43	58	74704	91.494	ug/l 87
16) Carbon Disulfide	2.56	76	196197	18.130	ug/l 98
17) Allyl chloride	2.72	41	135090	18.526	ug/l 93
18) Methylene Chloride	2.85	84	91325	19.804	ug/l 95
19) trans-1,2-Dichloroethene	3.16	96	84495	19.921	ug/l 97
20) Diisopropyl ether	3.84	45	284079	19.690	ug/l 98
21) 1,1-Dichloroethane	3.69	63	152888	19.507	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	97151	19.932	ug/l 98
23) tert-Butyl Alcohol	3.02	59	99863	99.146	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	269392	20.544	ug/l 99
25) Chloroform	5.20	83	151947	20.013	ug/l 99
26) Cyclohexane	5.57	56	135063	18.682	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	110460	19.469	ug/l 99
30) 2-Butanone	4.65	43	340310	94.688	ug/l 100
31) 2,2-Dichloropropane	4.58	77	118388	19.501	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	129415	20.618	ug/l 98
33) Carbon Tetrachloride	5.78	117	109859	20.387	ug/l 97
34) Benzene	6.14	78	347086	19.797	ug/l 98
35) Methacrylonitrile	5.03	41	67543	18.817	ug/l 91
36) 1,2-Dichloroethane	6.18	62	125936	20.641	ug/l 98
37) Trichloroethene	7.21	130	98887	20.600	ug/l 96
38) Methylcyclohexane	7.46	83	133642	18.918	ug/l 98
39) 1,2-Dichloropropane	7.51	63	88156	19.337	ug/l 95
40) Dibromomethane	7.65	93	57661	19.680	ug/l 93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014835.D
 Acq On : 05 Feb 2020 20:10
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 03:08:35 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	115172	20.073	ug/l	99
42) Vinyl Acetate	3.80	43	1082502	97.721	ug/l	99
43) Ethyl Acetate	4.82	43	128417	19.738	ug/l	98
44) Isopropyl Acetate	6.43	43	208097	19.827	ug/l	100
45) 1,4-Dioxane	7.73	88	43205	411.524	ug/l	95
46) Methyl methacrylate	7.76	41	99819	19.340	ug/l	98
47) n-amyl Acetate	10.89	43	173796	19.762	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	126331	20.167	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	138721	19.654	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	91282	20.475	ug/l	98
51) Ethyl methacrylate	9.17	69	137095	19.749	ug/l	97
52) 1,3-Dichloropropane	9.36	76	150659	19.945	ug/l	98
53) Dibromochloromethane	9.57	129	93599	20.525	ug/l	100
54) 1,2-Dibromoethane	9.67	107	94980	20.542	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	296761	93.021	ug/l	99
56) Bromoform	10.85	173	69555	19.802	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	648346	98.448	ug/l	99
59) 2-Hexanone	9.48	43	489300	96.069	ug/l	99
61) Tetrachloroethene	9.33	164	108214	20.936	ug/l	92
62) Toluene	8.78	91	377854	20.365	ug/l	100
64) Chlorobenzene	10.14	112	237417	20.498	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	88338	20.650	ug/l	100
66) Ethyl Benzene	10.25	91	411575	20.366	ug/l	97
67) m/p-Xylenes	10.35	106	317125	40.967	ug/l	99
68) o-Xylene	10.70	106	152401	20.218	ug/l	99
69) Styrene	10.71	104	256752	20.103	ug/l	100
70) Isopropylbenzene	11.01	105	407850	20.653	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	134630	20.239	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	149907	26.346	ug/l	93
73) Bromobenzene	11.25	156	108849	20.793	ug/l	97
74) n-propylbenzene	11.35	91	461262	20.441	ug/l	100
75) 2-Chlorotoluene	11.42	91	273285	20.207	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	337963	20.539	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	41482	18.942	ug/l	98
78) 4-Chlorotoluene	11.51	91	310935	20.245	ug/l	98
79) tert-butylbenzene	11.76	119	320950	20.845	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	338203	20.607	ug/l	99
81) sec-Butylbenzene	11.94	105	384057	20.158	ug/l	98
82) p-Isopropyltoluene	12.06	119	361364	20.776	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	189692	20.753	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	186451	20.575	ug/l	100
85) n-Butylbenzene	12.39	91	295901	19.444	ug/l	99
86) Hexachloroethane	12.59	117	60612	19.433	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	188862	20.478	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29513	20.770	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	129103	21.208	ug/l	99
90) Hexachlorobutadiene	13.78	225	62870	20.669	ug/l	99
91) Naphthalene	13.83	128	391704	21.316	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	131848	21.279	ug/l	99

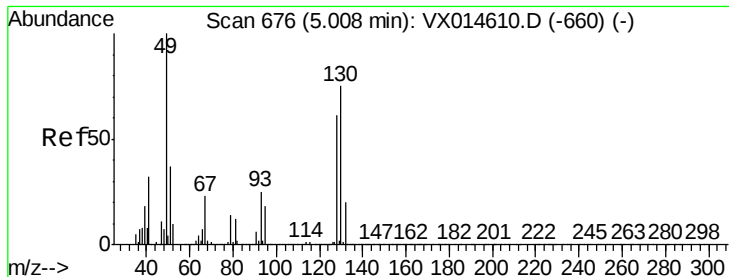
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014835.D
Acq On : 05 Feb 2020 20:10
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 06 03:08:35 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)
--------------------	------	------	----------	------	-------	----------

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

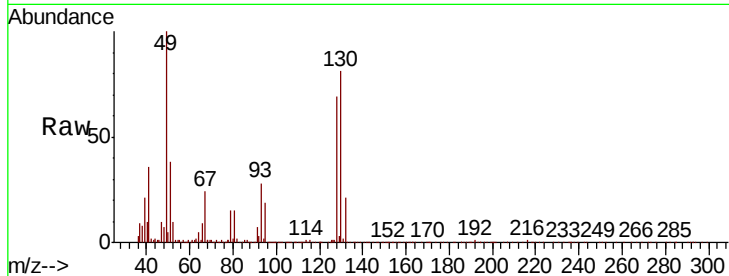


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	150.6	0.0	405.0
130	124.6	0.0	321.5

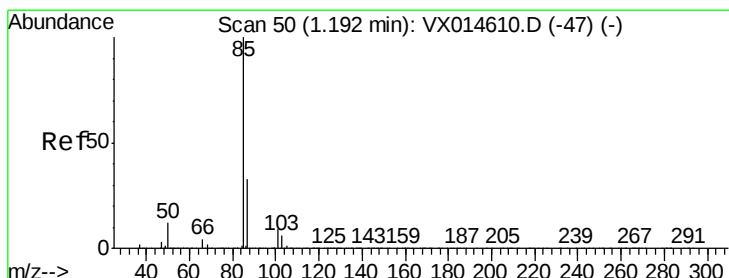
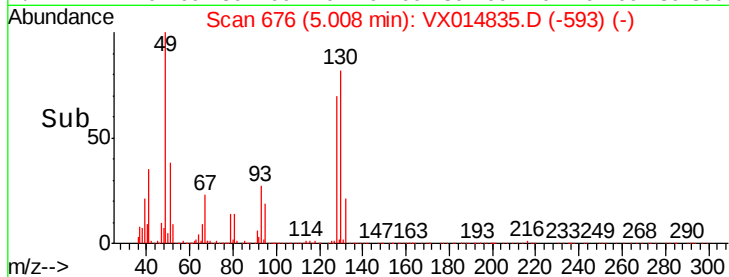
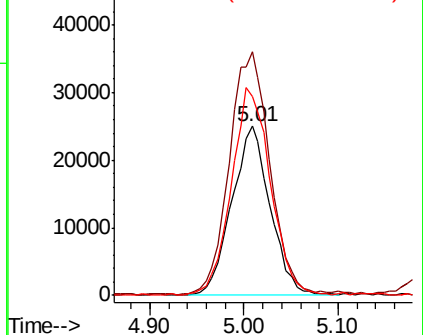


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

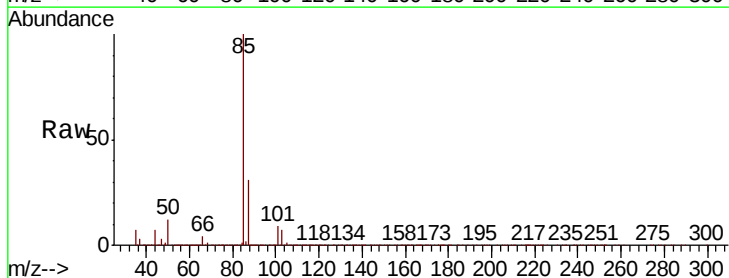
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane
 Concen: 19.226 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

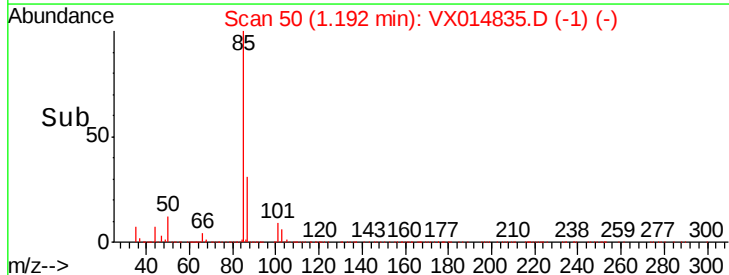
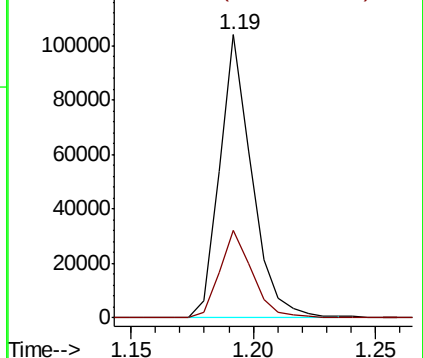
Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.3	48.9

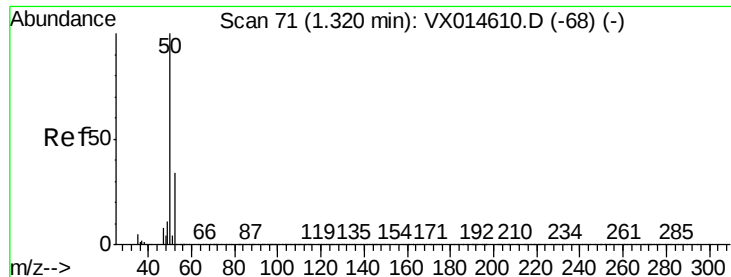


Abundance

Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

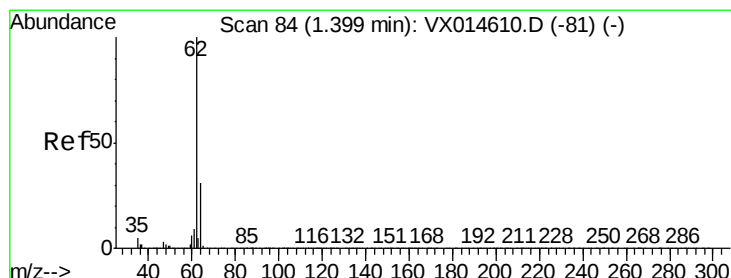
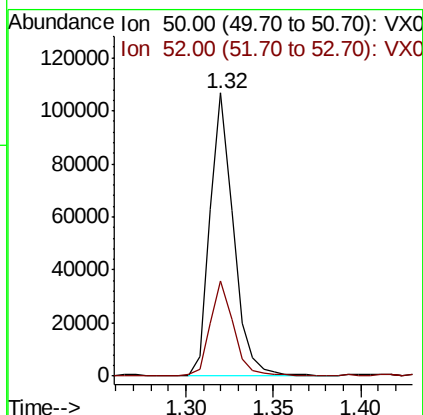
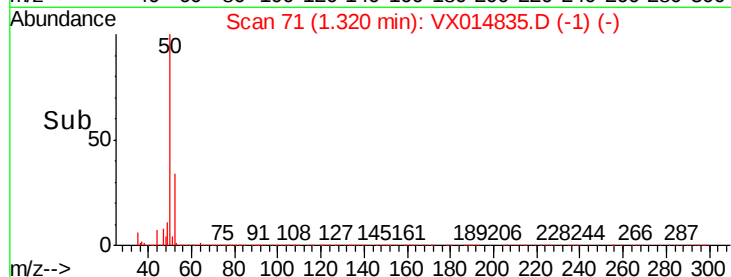
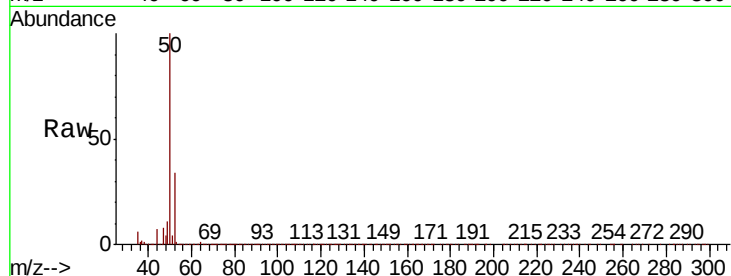




#3
Chloromethane
Concen: 18.283 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

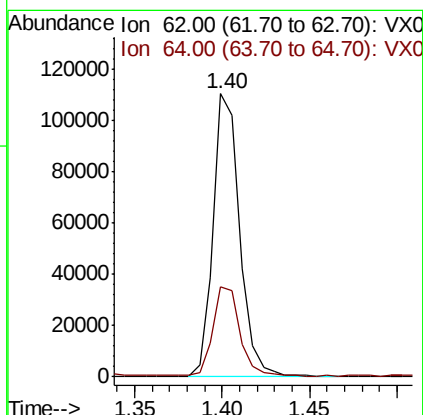
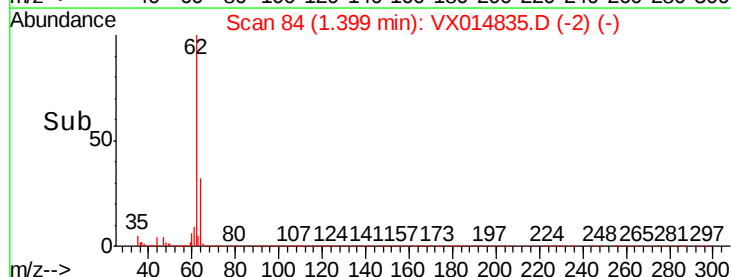
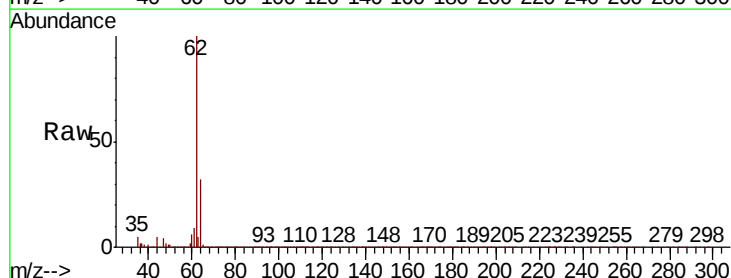
Instrument :
MSVOA_X
ClientSampleId :

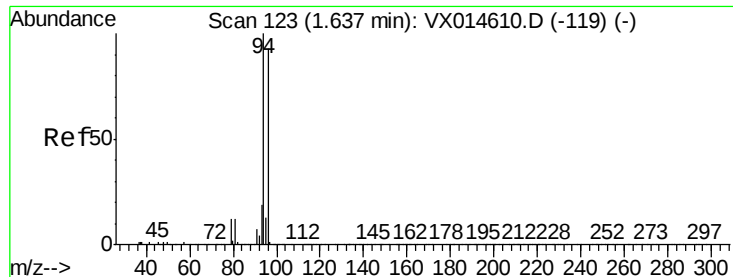
Tot Ion: 50 Resp: 98461
Ion Ratio Lower Upper
50 100
52 33.6 24.3 36.5



#4
Vinyl Chloride
Concen: 19.073 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 62 Resp: 115331
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 19.065 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

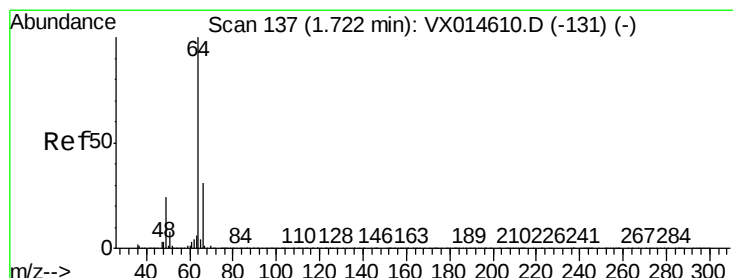
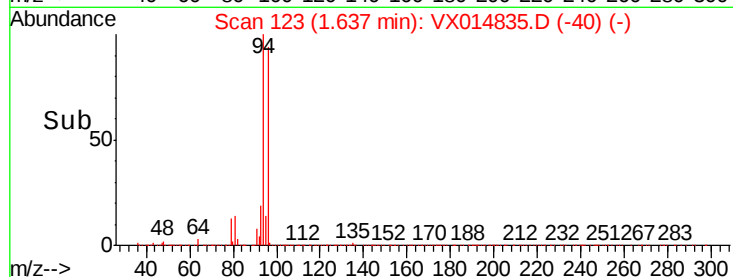
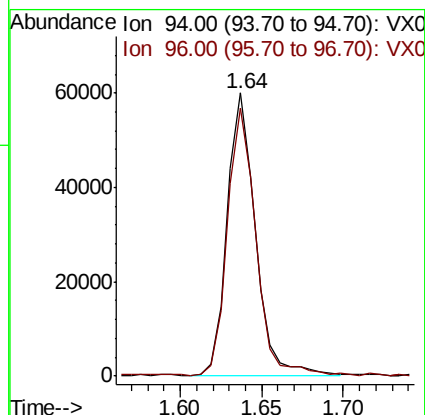
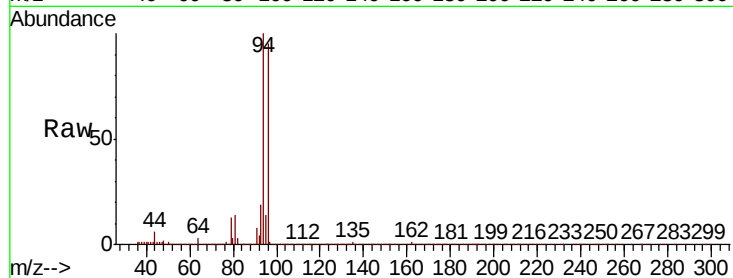
ClientSampleId :

Tot Ion: 94 Resp: 71940

Ion Ratio Lower Upper

94 100

96 94.6 74.4 111.6



#6

Chloroethane

Concen: 18.981 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014835.D

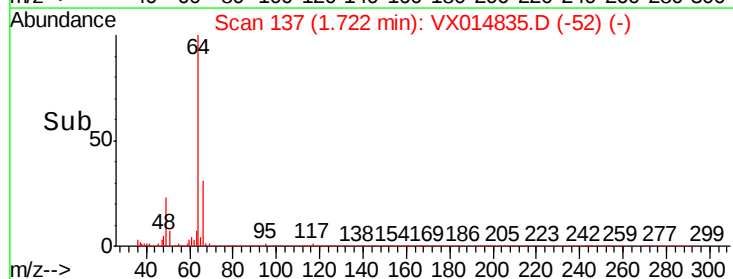
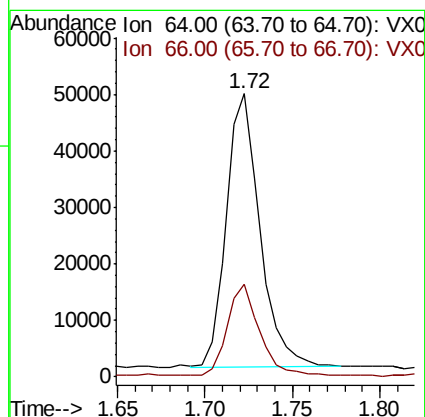
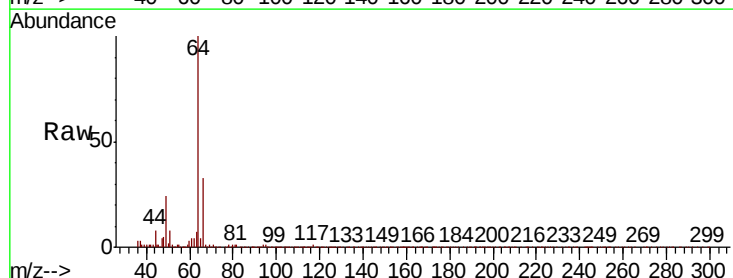
Acq: 05 Feb 2020 20:10

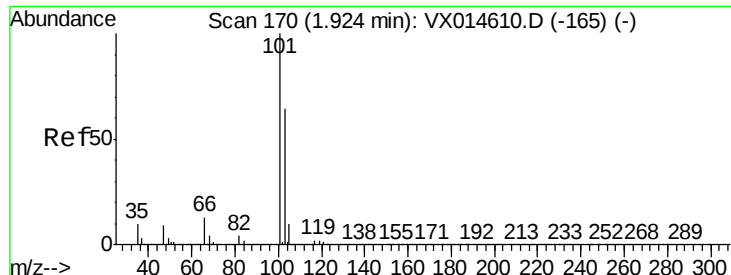
Tgt Ion: 64 Resp: 64704

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8



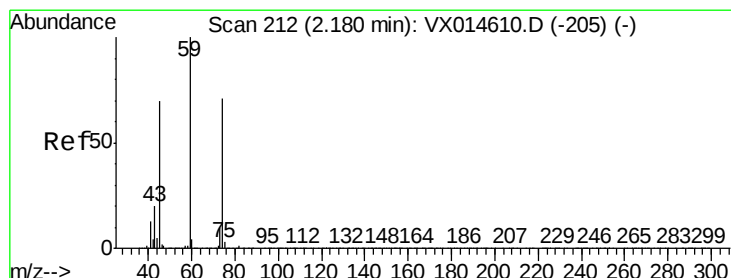
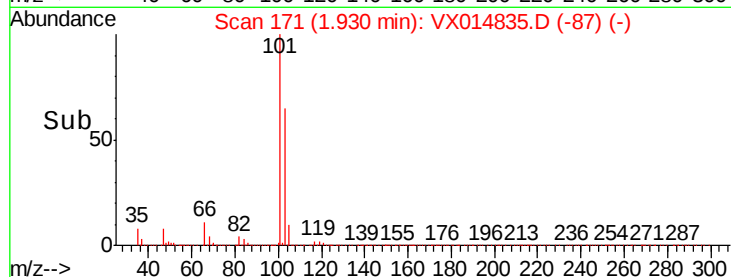
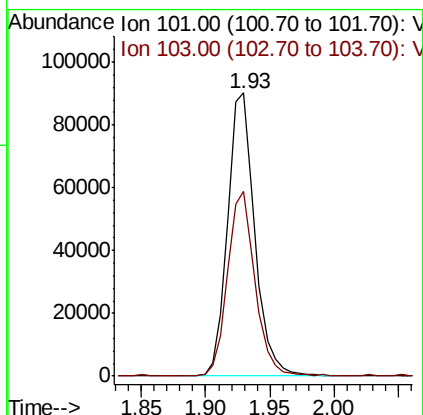
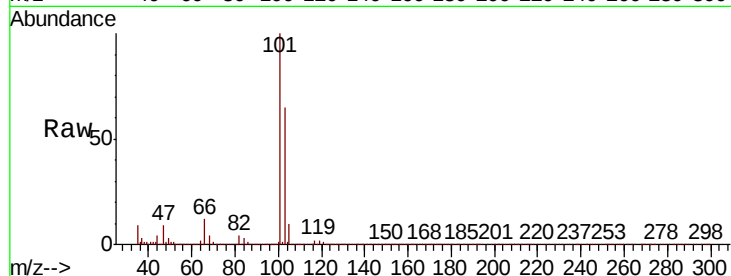


#7

Trichlorofluoromethane
Concen: 20.020 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :

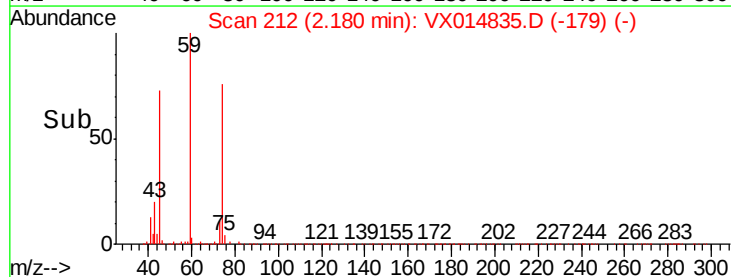
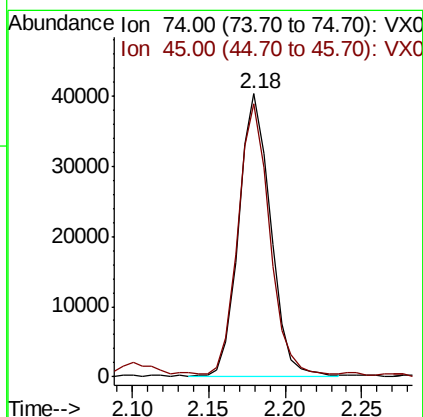
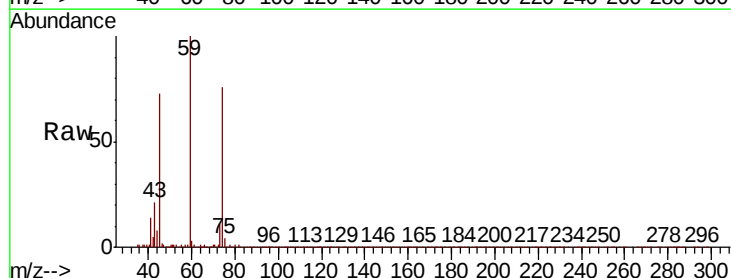
Tot Ion:101 Resp: 134045
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

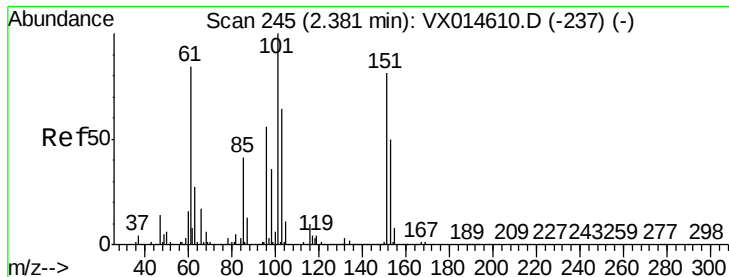


#8

Diethyl Ether
Concen: 19.751 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 74 Resp: 57763
Ion Ratio Lower Upper
74 100
45 95.6 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.727 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampled :

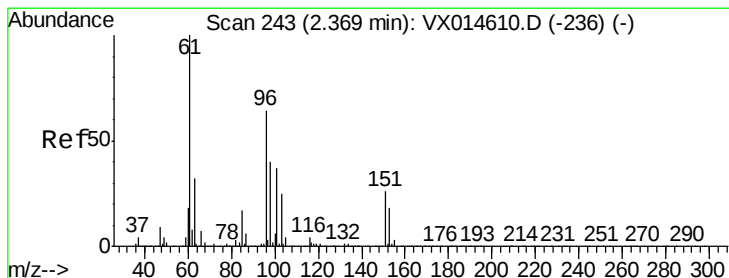
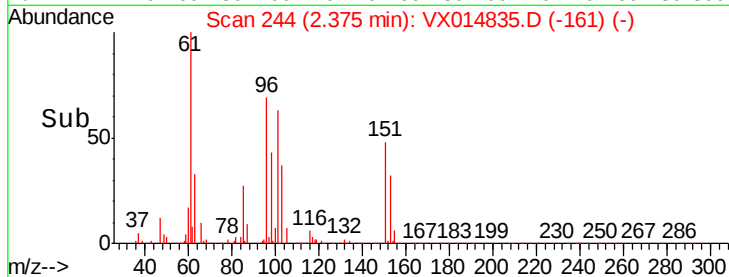
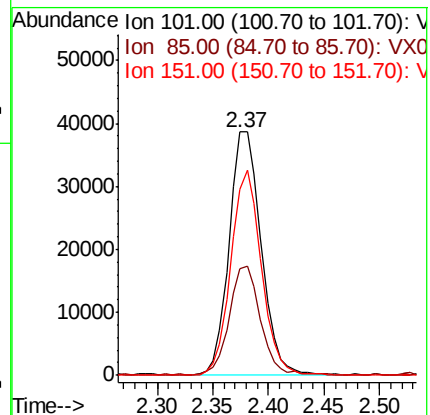
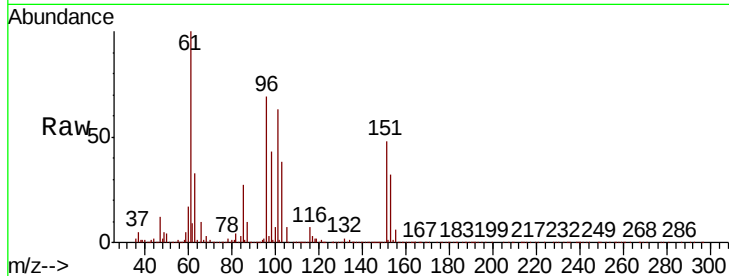
Tot Ion:101 Resp: 77274

Ion Ratio Lower Upper

101 100

85 42.8 0.0 85.6

151 80.1 0.0 159.4



#10

1,1-Dichloroethene

Concen: 20.093 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

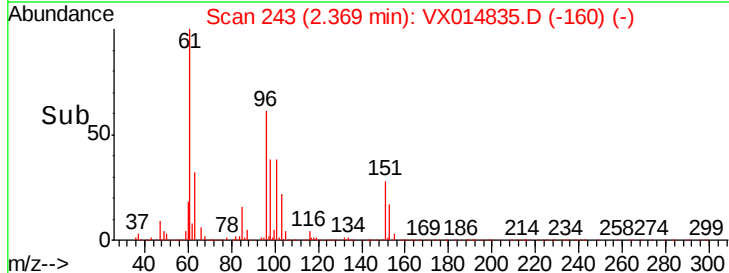
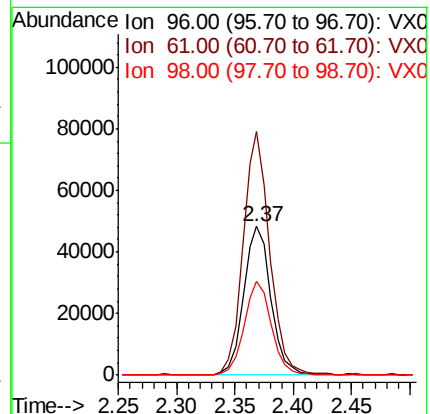
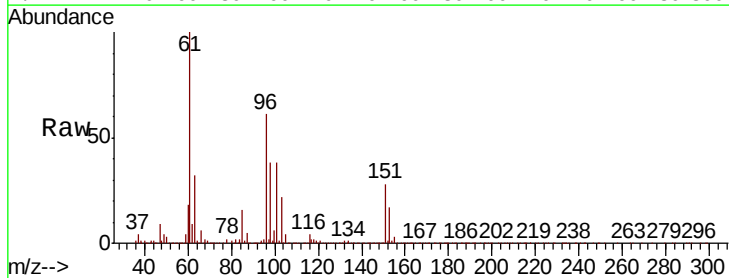
Tgt Ion: 96 Resp: 79170

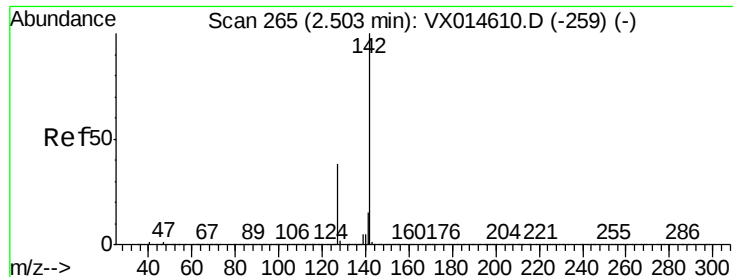
Ion Ratio Lower Upper

96 100

61 163.6 123.0 184.6

98 63.0 51.4 77.0

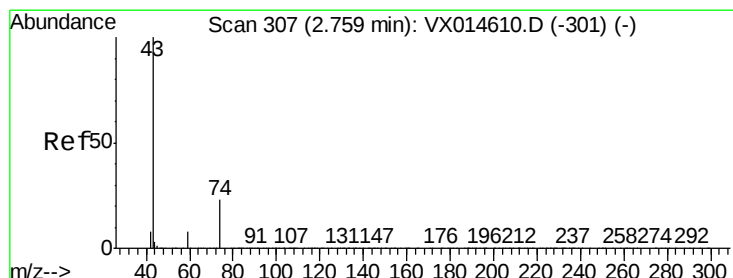
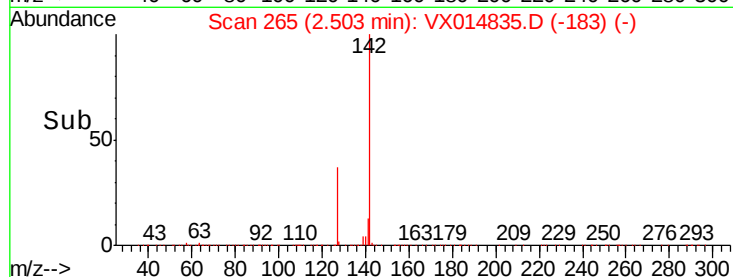
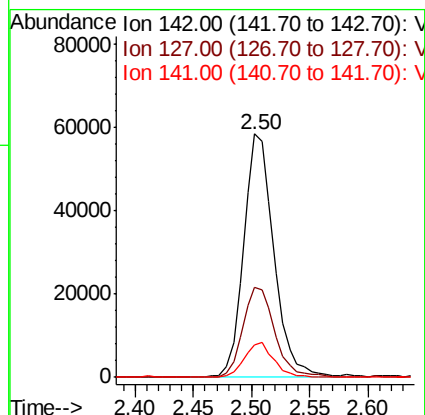
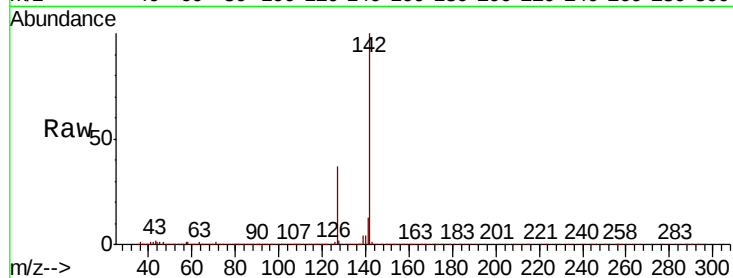




#11
Methvl Iodide
Concen: 20.040 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

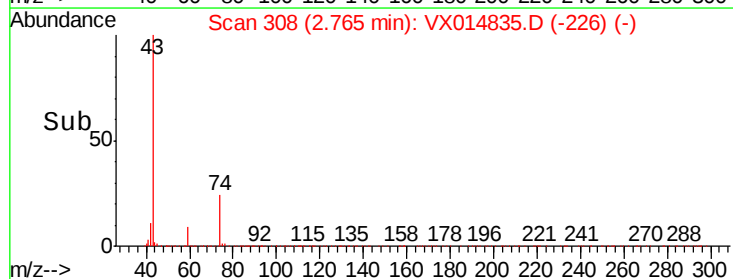
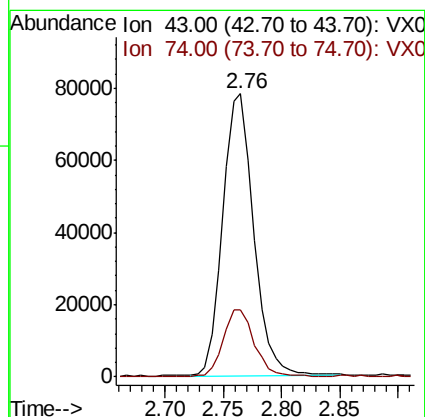
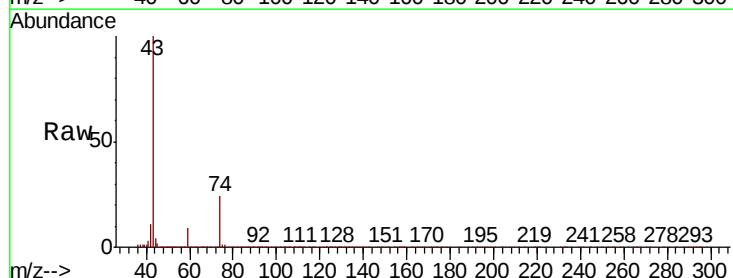
Instrument :
MSVOA_X
ClientSampleId :

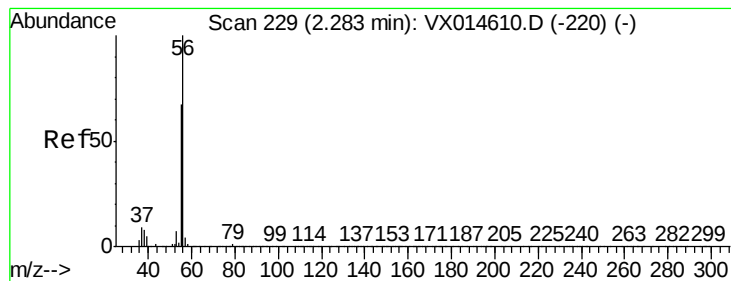
Tot Ion:142 Resp: 105897
Ion Ratio Lower Upper
142 100
127 36.7 19.5 58.5
141 12.9 7.0 20.9



#12
Methyl Acetate
Concen: 20.198 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 43 Resp: 143763
Ion Ratio Lower Upper
43 100
74 23.6 18.5 27.7





#13

Acrolein

Concen: 84.107 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

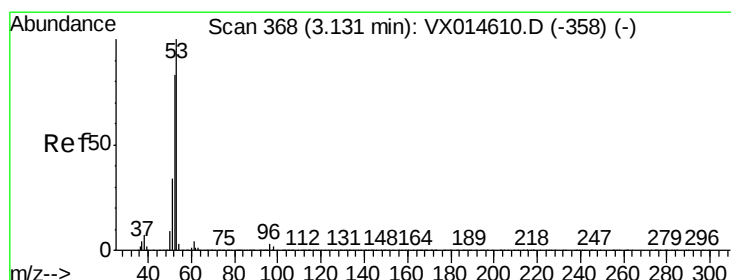
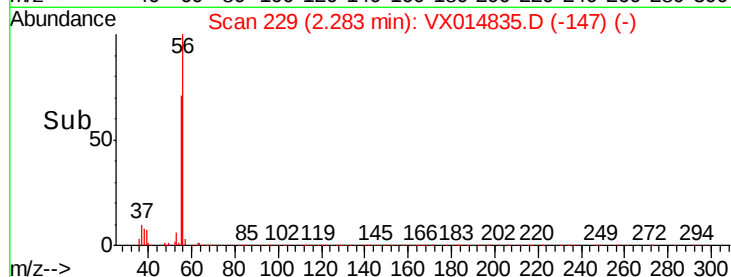
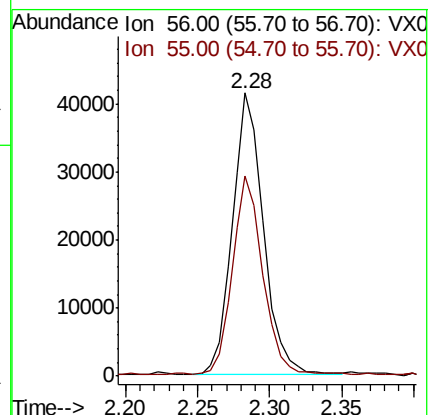
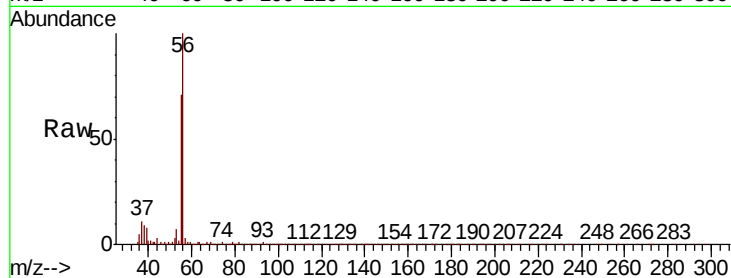
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 62881

Ion Ratio Lower Upper

56 100

55 69.1 54.9 82.3



#14

Acrylonitrile

Concen: 94.019 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

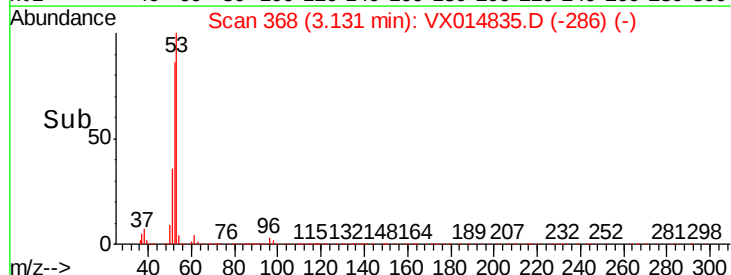
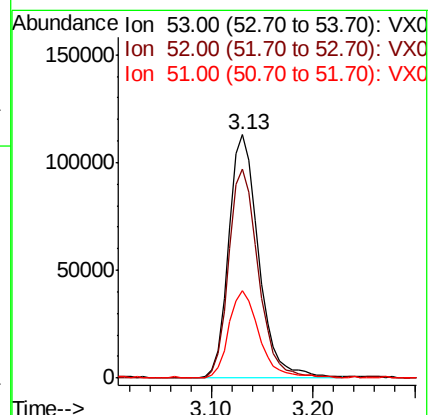
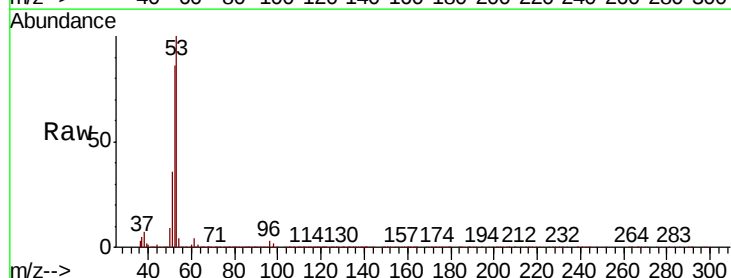
Tgt Ion: 53 Resp: 228983

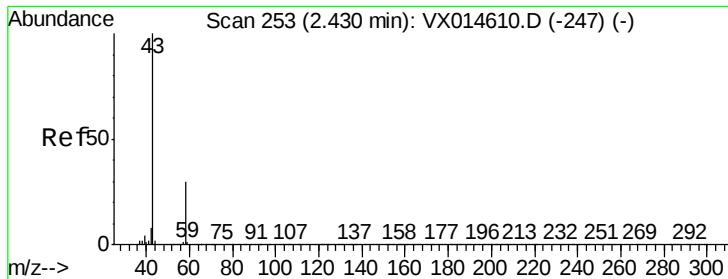
Ion Ratio Lower Upper

53 100

52 84.4 41.5 124.6

51 36.7 17.8 53.5

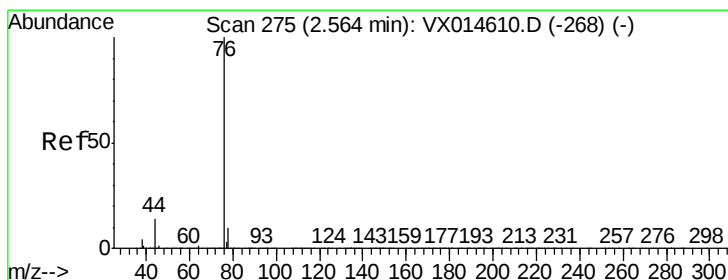
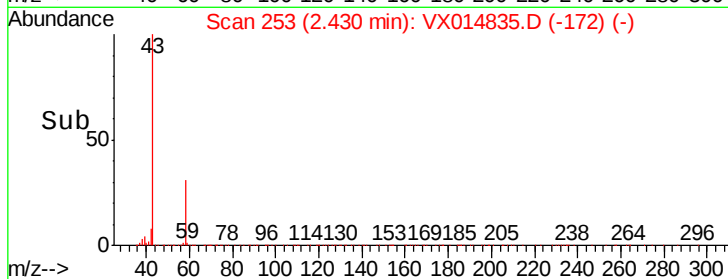
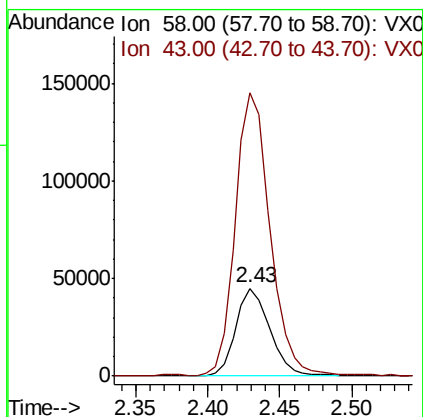
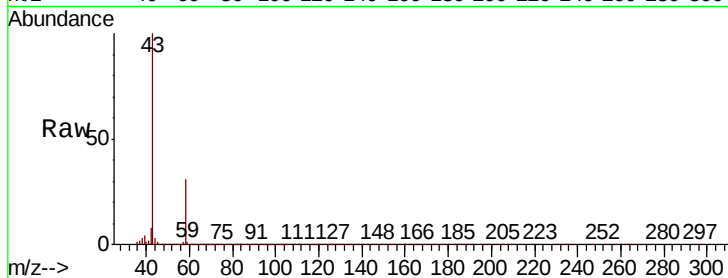




#15
Acetone
Concen: 91.494 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

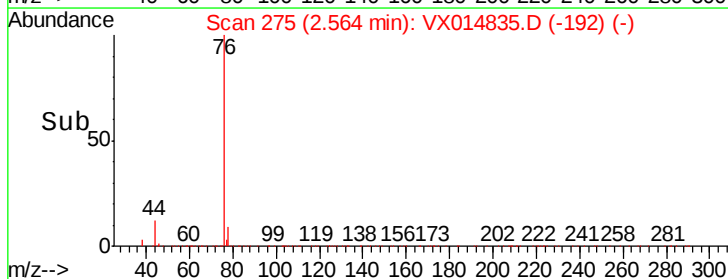
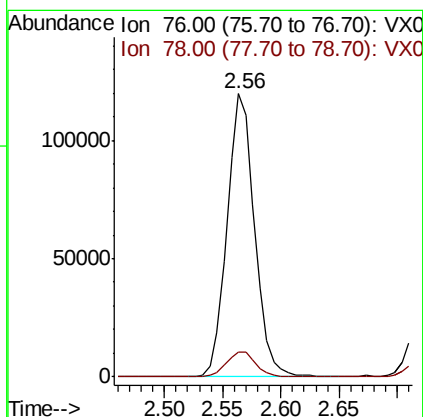
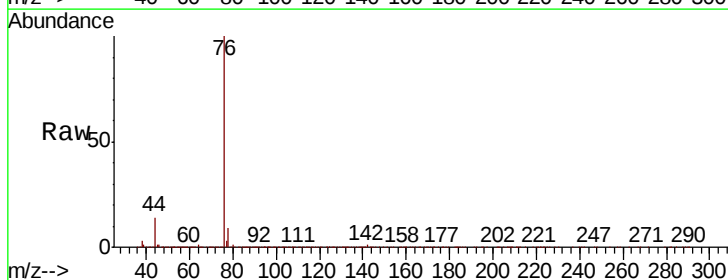
Instrument :
MSVOA_X
ClientSampleId :

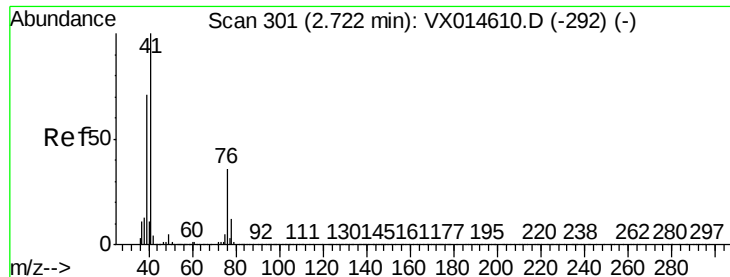
Tot Ion: 58 Resp: 74704
Ion Ratio Lower Upper
58 100
43 320.1 236.3 354.5



#16
Carbon Disulfide
Concen: 18.130 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 76 Resp: 196197
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

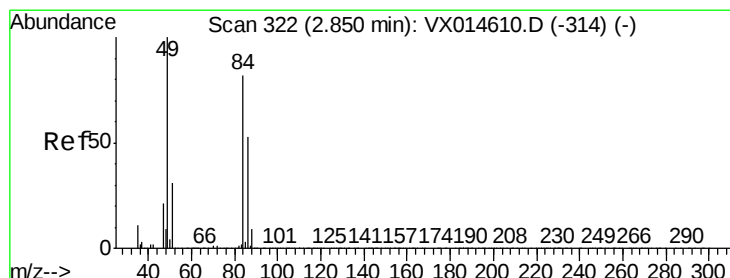
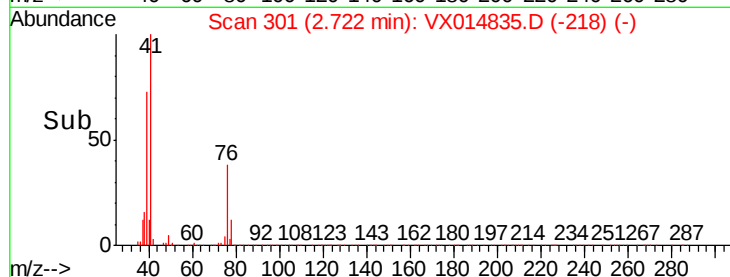
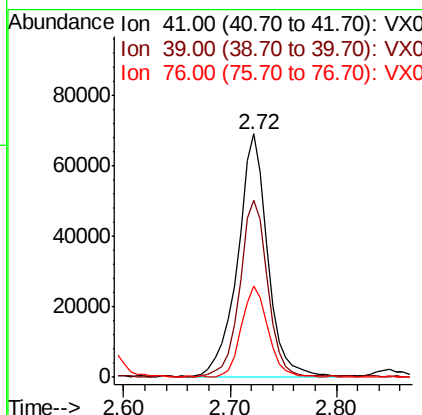
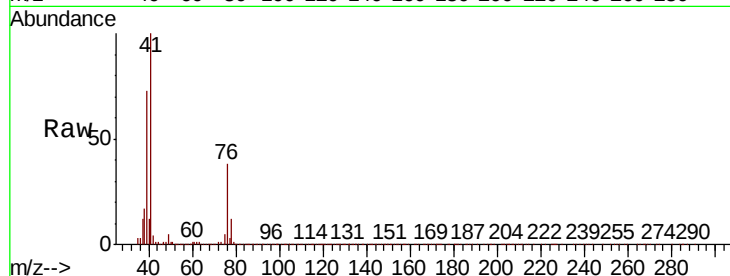




#17
Allvl chloride
Concen: 18.526 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

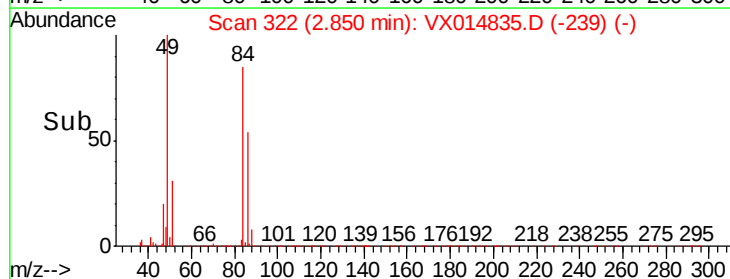
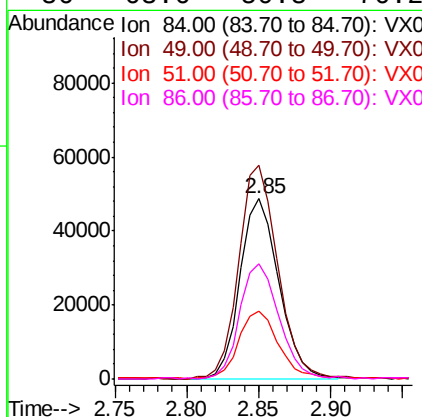
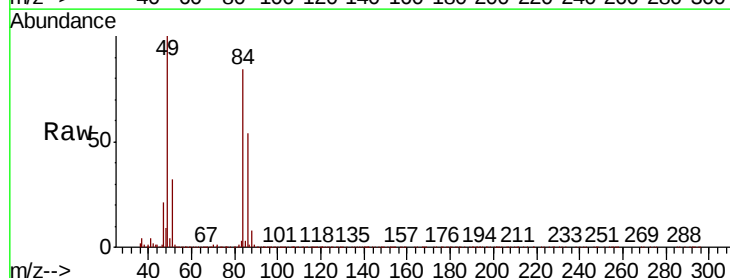
Instrument :
MSVOA_X
ClientSampleId :

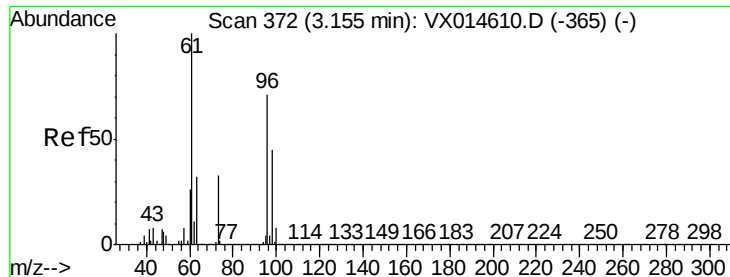
Tot Ion	Ratio	Lower	Upper
41	100		
39	72.8	33.4	100.2
76	37.2	17.0	50.9



#18
Methylene Chloride
Concen: 19.804 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	102.2	153.2
51	36.7	31.4	47.0
86	63.6	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.921 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

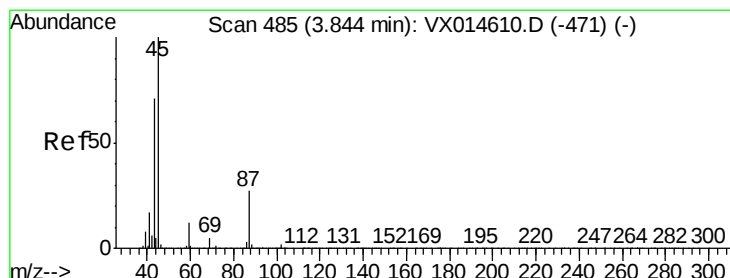
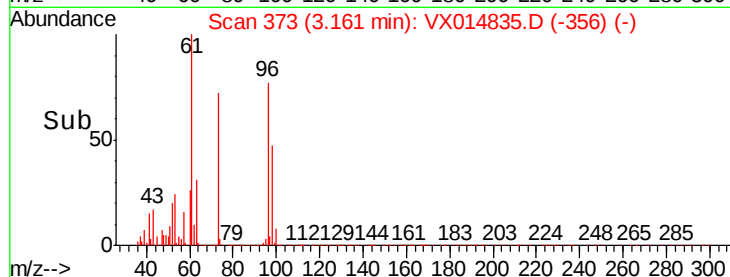
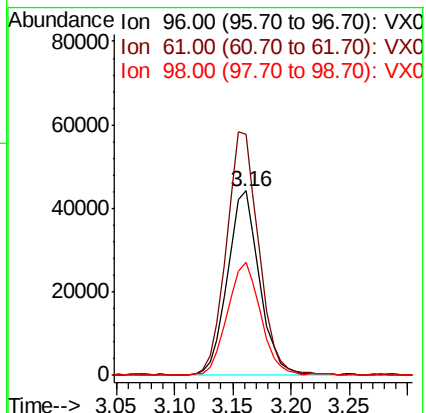
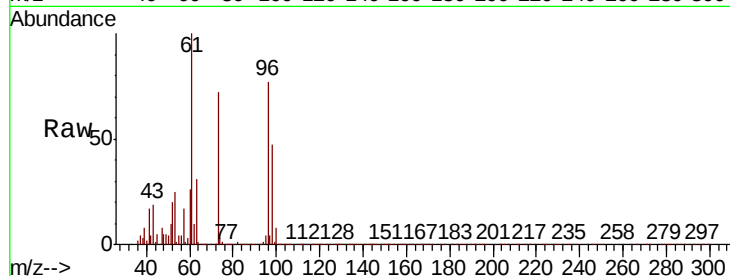
Tot Ion: 96 Resp: 84495

Ion Ratio Lower Upper

96 100

61 130.4 106.6 159.8

98 61.0 51.6 77.4



#20

Diisopropyl ether

Concen: 19.690 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Tgt Ion: 45 Resp: 284079

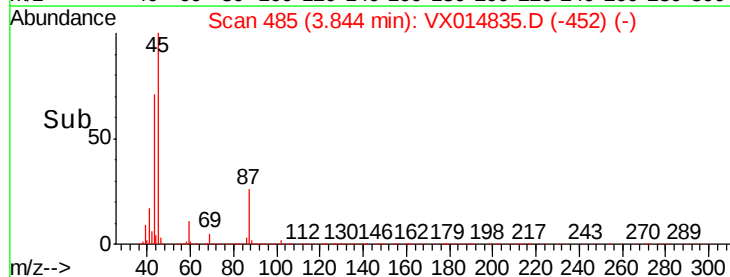
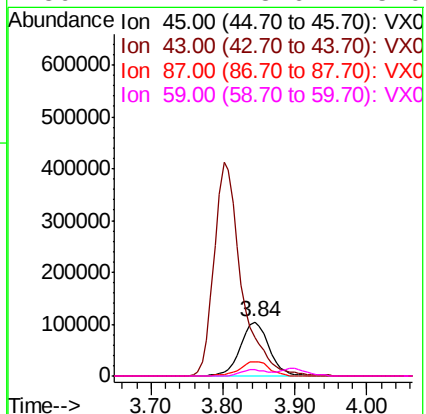
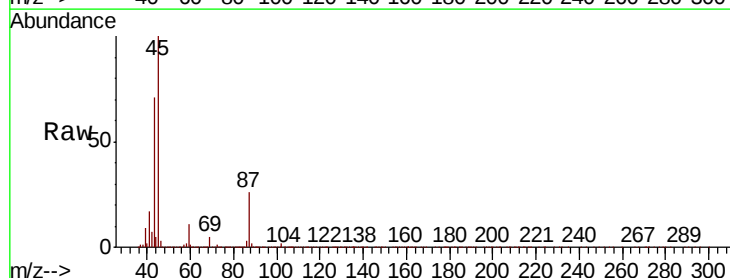
Ion Ratio Lower Upper

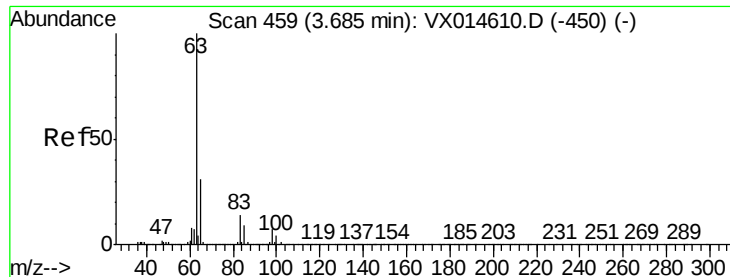
45 100

43 71.1 55.9 83.9

87 26.4 22.2 33.2

59 11.1 8.6 13.0

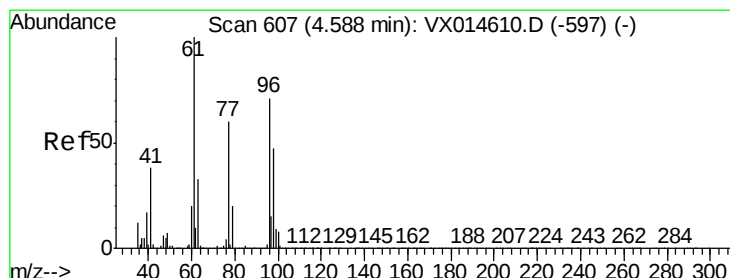
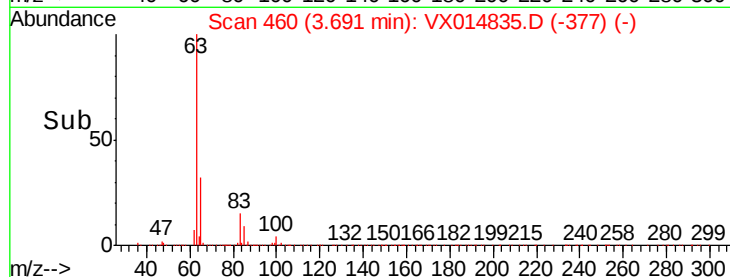
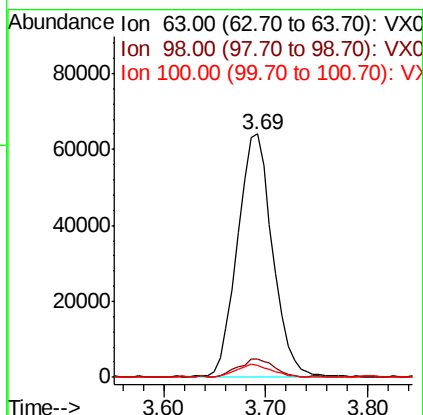
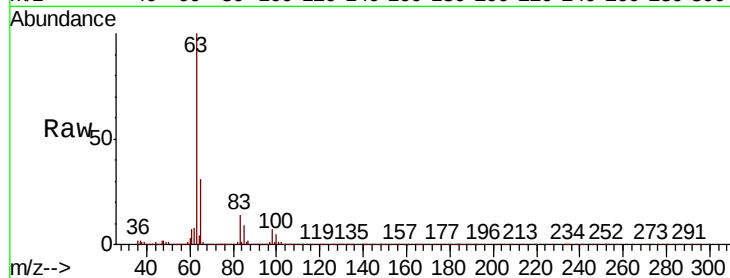




#21
1,1-Dichloroethane
Concen: 19.507 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

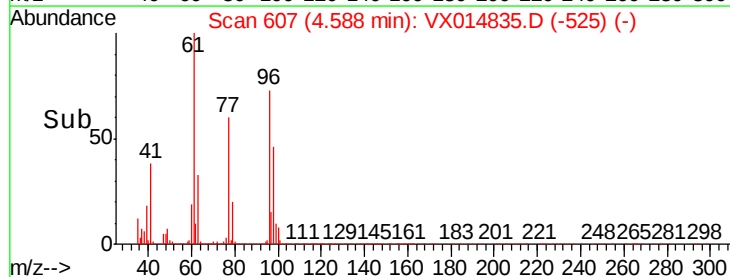
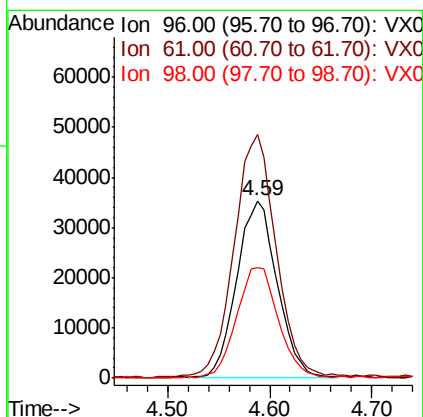
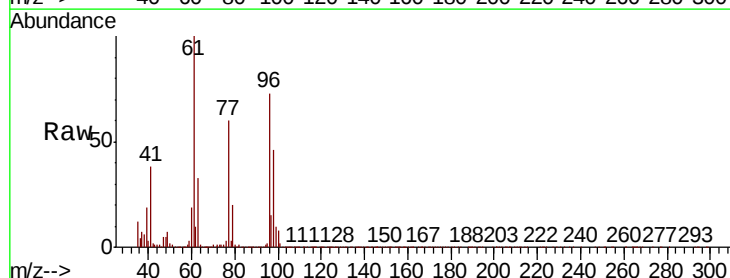
Instrument :
MSVOA_X
ClientSampleId :

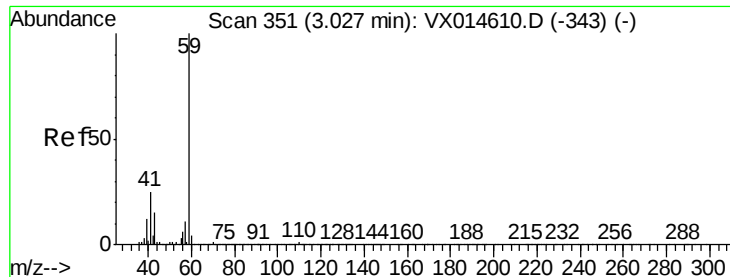
Tot Ion: 63 Resp: 152888
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.1
100 4.5 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 96 Resp: 97151
Ion Ratio Lower Upper
96 100
61 142.1 112.4 168.6
98 64.5 50.3 75.5





#23

tert-Butyl Alcohol

Concen: 99.146 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

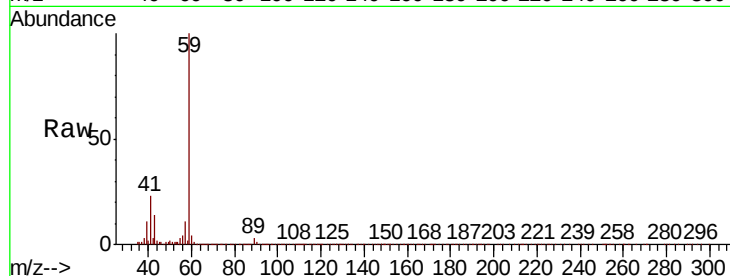
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 99863

Ion Ratio Lower Upper

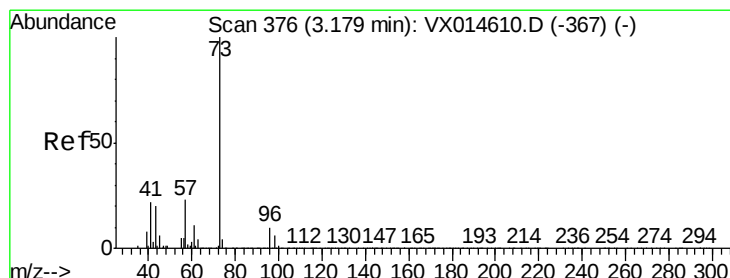
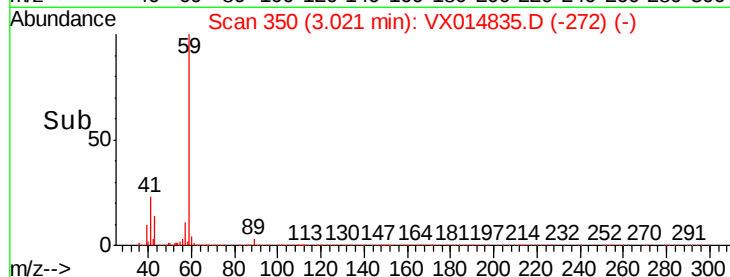
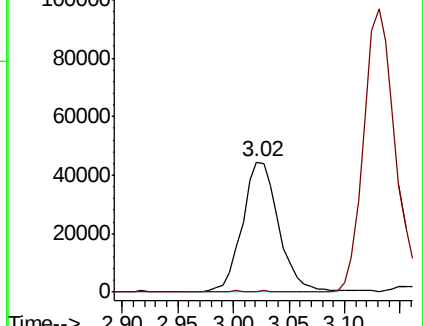
59 100

52 0.3 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: 20.544 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014835.D

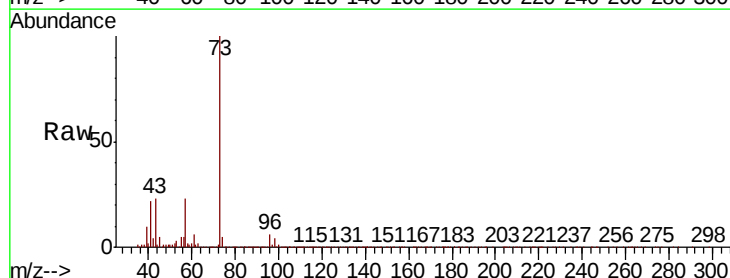
Acq: 05 Feb 2020 20:10

Tgt Ion: 73 Resp: 269392

Ion Ratio Lower Upper

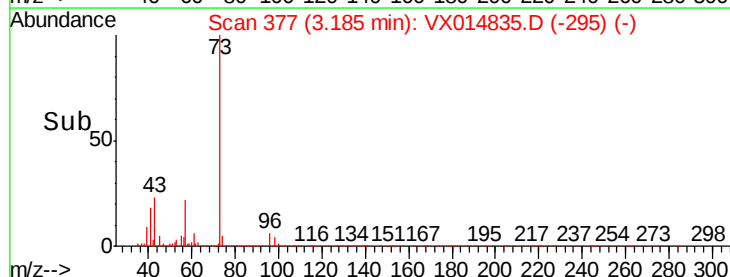
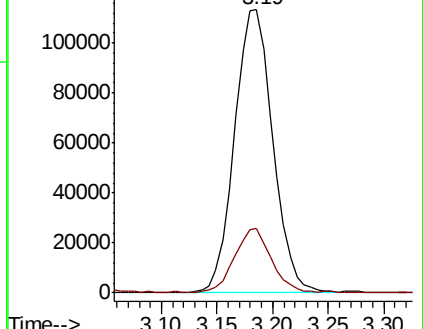
73 100

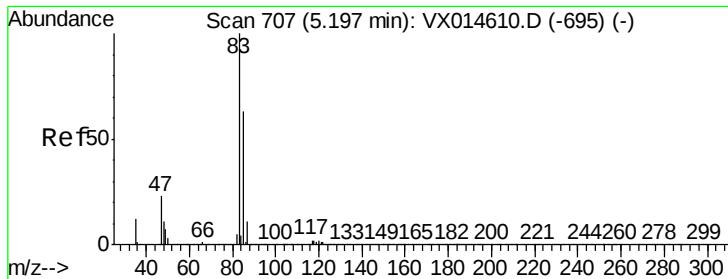
43 21.5 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

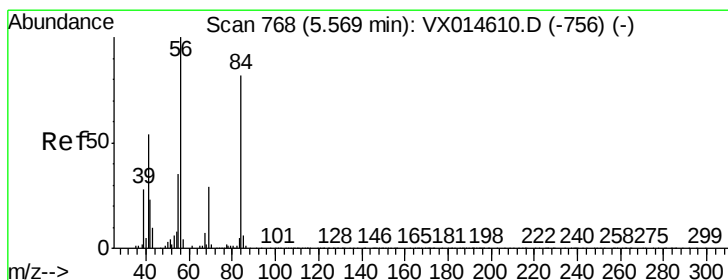
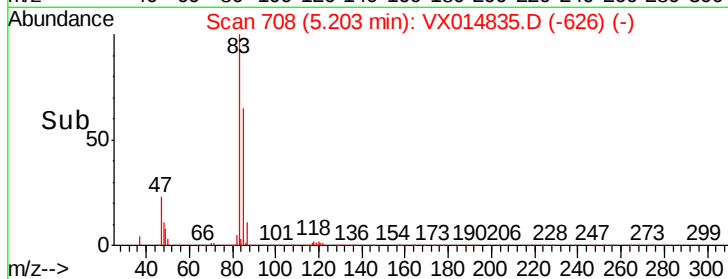
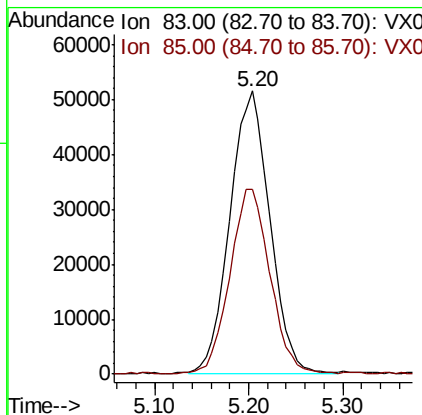
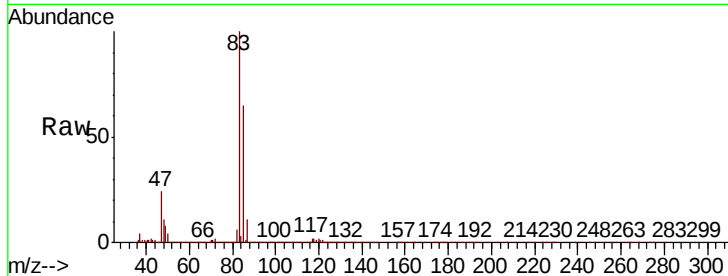




#25
Chloroform
Concen: 20.013 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

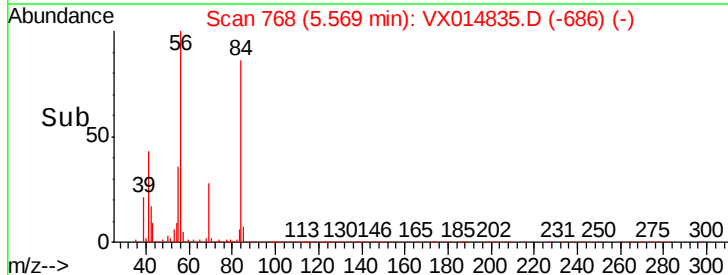
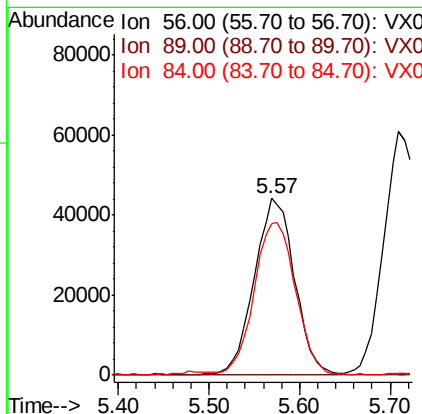
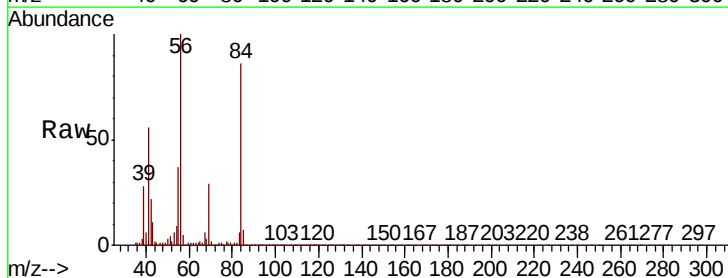
Instrument :
MSVOA_X
ClientSampleId :

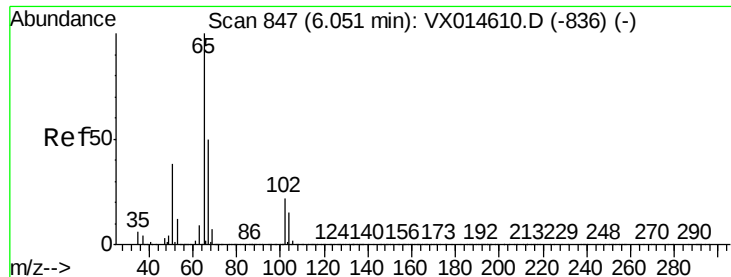
Tot Ion: 83 Resp: 151947
Ion Ratio Lower Upper
83 100
85 65.2 52.7 79.1



#26
Cyclohexane
Concen: 18.682 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 56 Resp: 135063
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 88.8 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.040 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

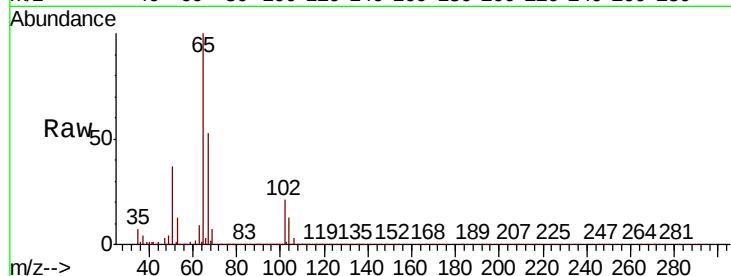
ClientSampleId :

Tot Ion: 65 Resp: 150287

Ion Ratio Lower Upper

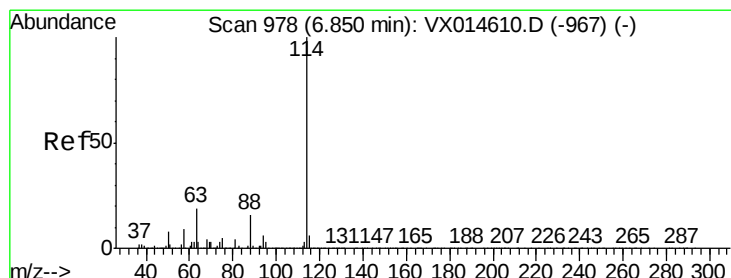
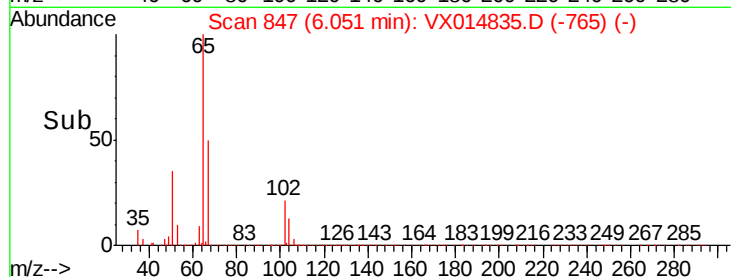
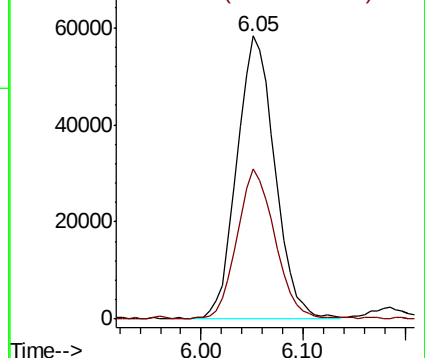
65 100

67 52.3 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: VX014835.D

Acq: 05 Feb 2020 20:10

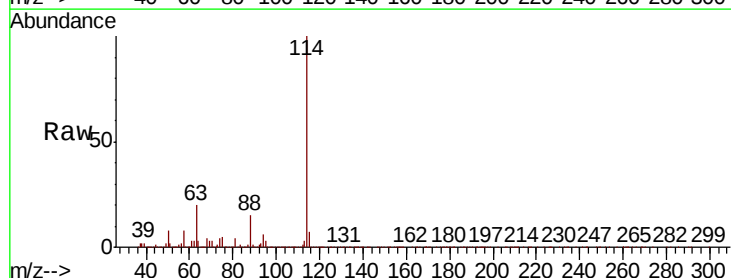
Tgt Ion: 114 Resp: 386860

Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

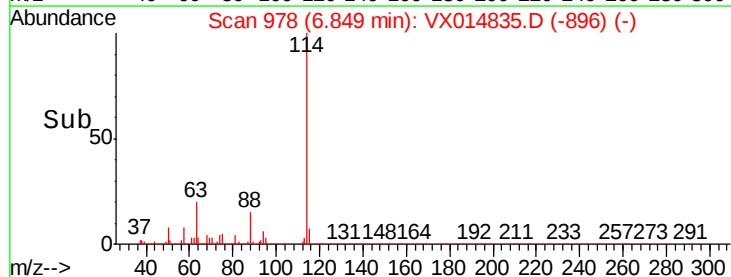
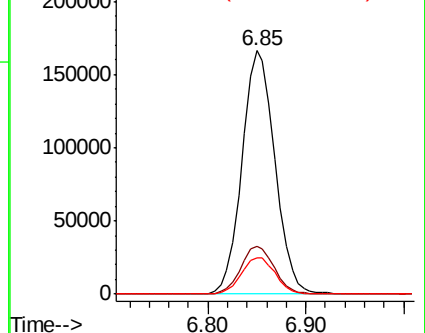
88 15.5 12.5 18.7

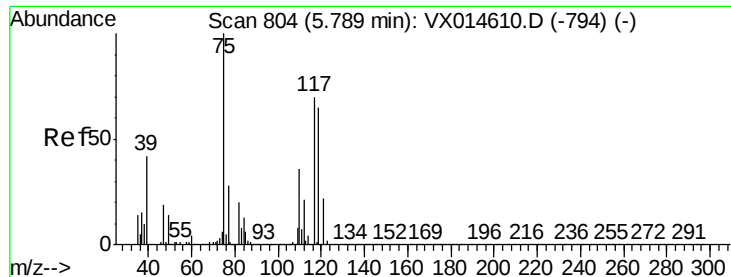


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.469 ug/l

RT: 5.79 min Scan# 805

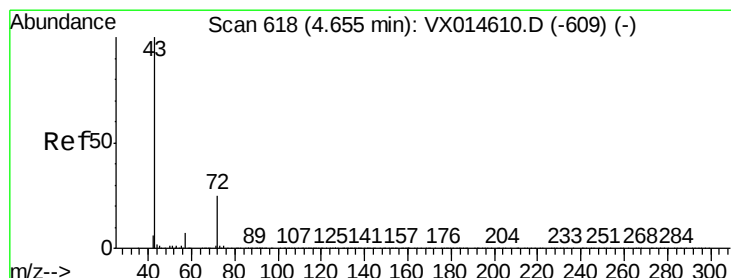
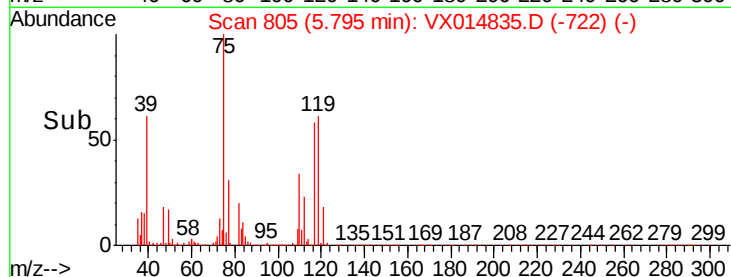
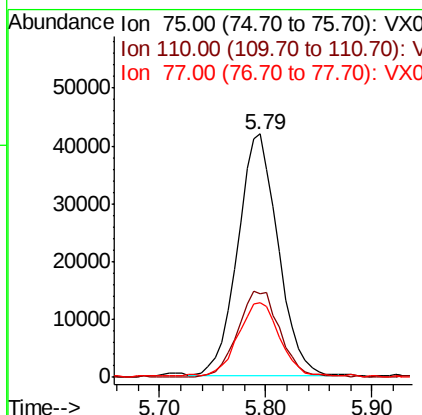
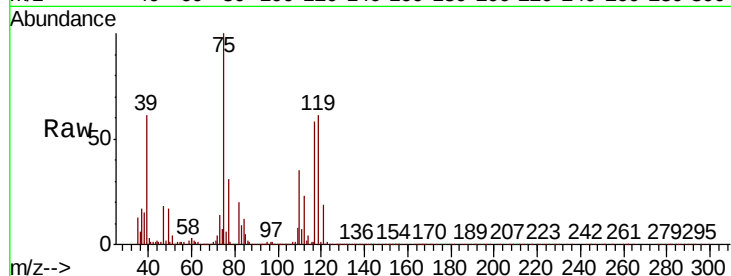
Delta R.T. 0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	110460
Ion	Ratio	Lower	Upper
75	100		
110	38.0	0.0	73.8
77	31.4	0.0	62.4



#30

2-Butanone

Concen: 94.688 ug/l

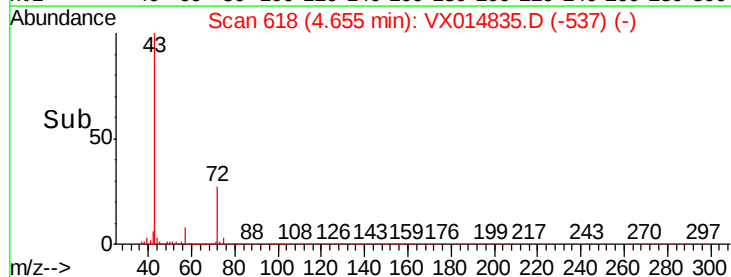
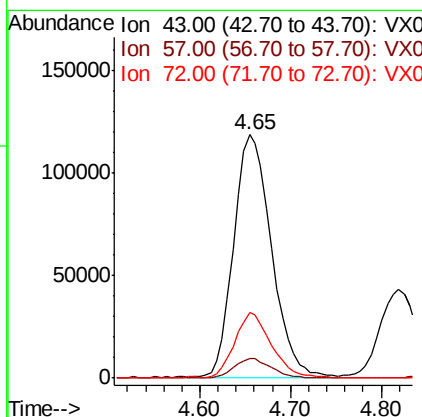
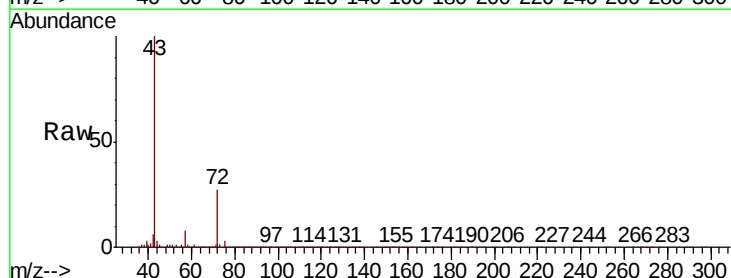
RT: 4.65 min Scan# 618

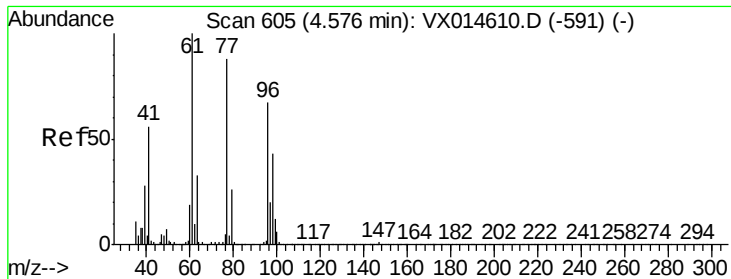
Delta R.T. -0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Tgt Ion:	43	Resp:	340310
Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	25.6	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.501 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

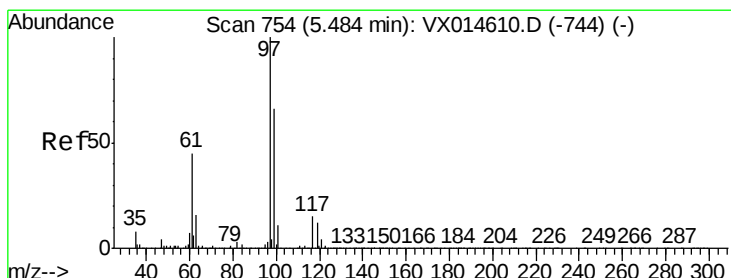
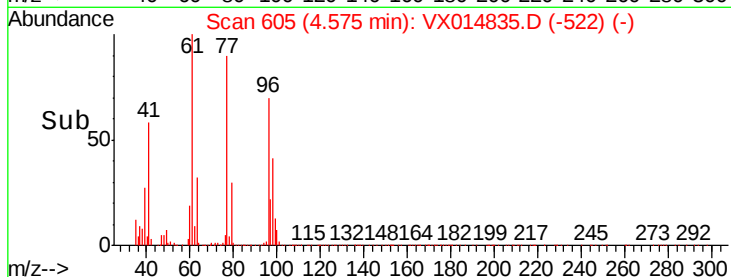
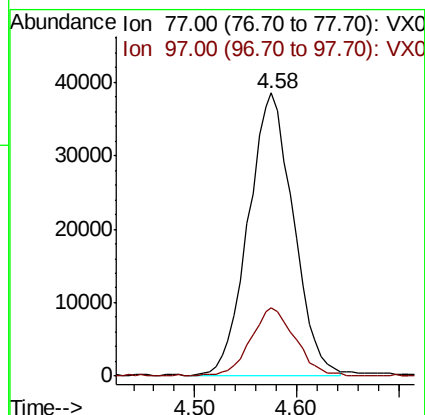
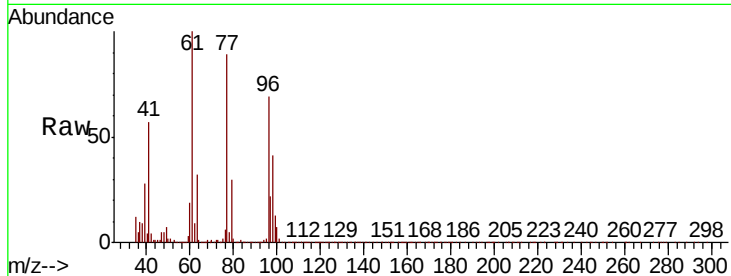
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 118388

Ion Ratio Lower Upper

77 100

97 23.5 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.618 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

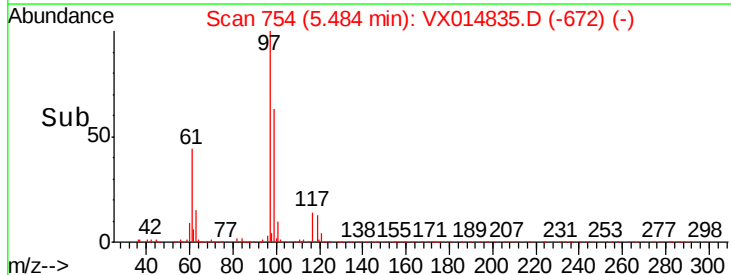
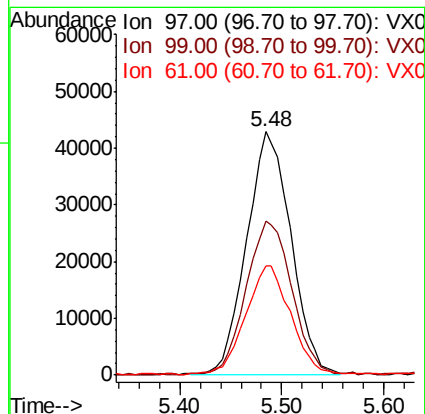
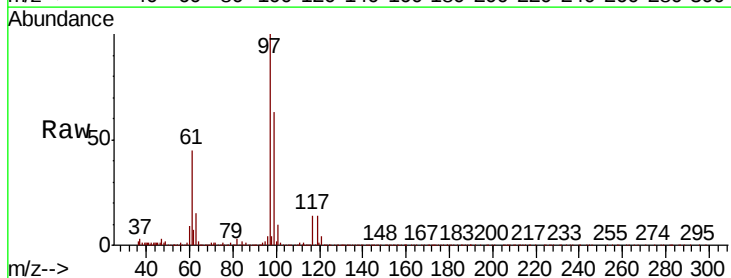
Tgt Ion: 97 Resp: 129415

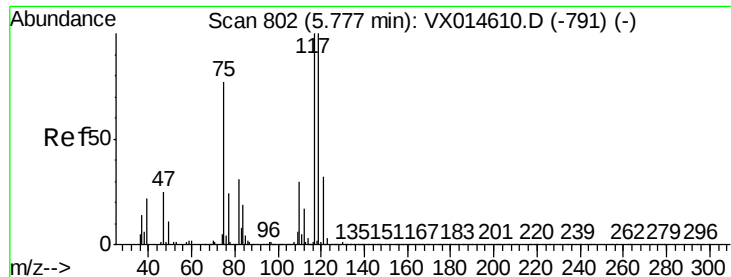
Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 43.7 36.8 55.2

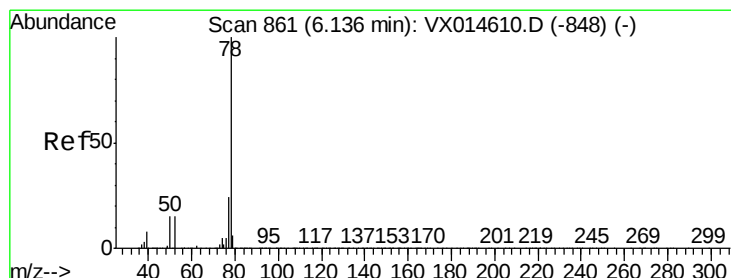
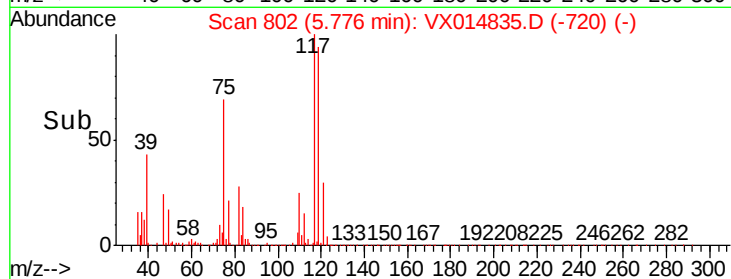
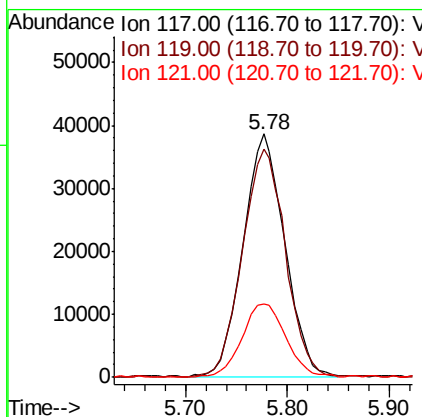
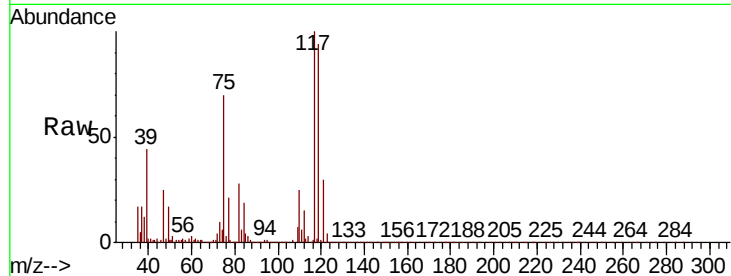




#33
Carbon Tetrachloride
Concen: 20.387 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

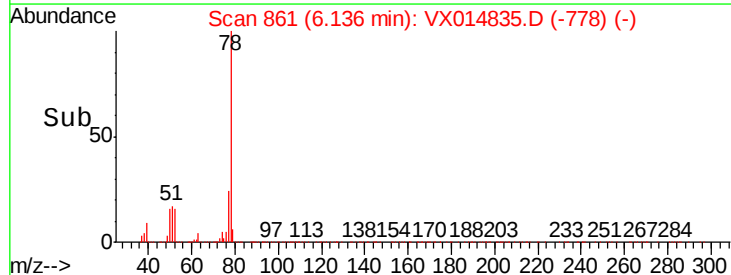
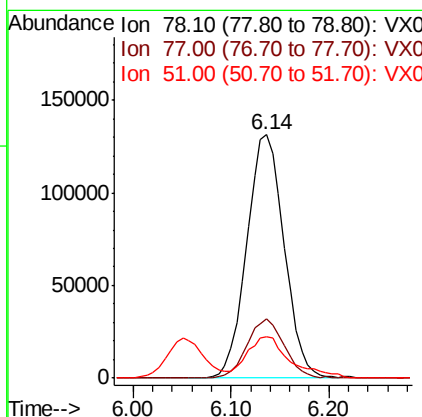
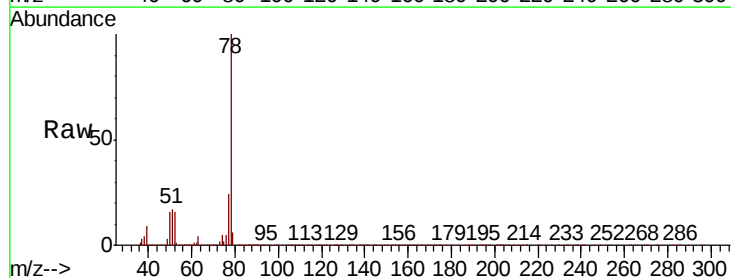
Instrument :
MSVOA_X
ClientSampled :

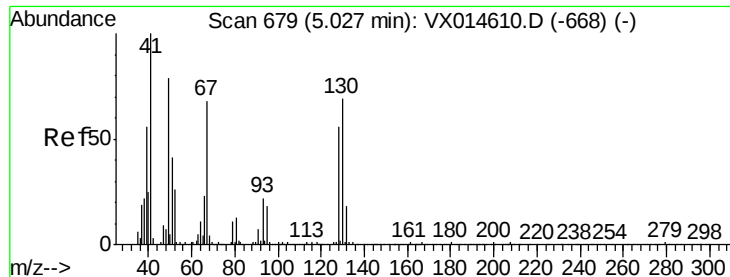
Tot Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.2	115.8
121	30.0	24.8	37.2



#34
Benzene
Concen: 19.797 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.2	27.2
51	15.5	12.4	18.6

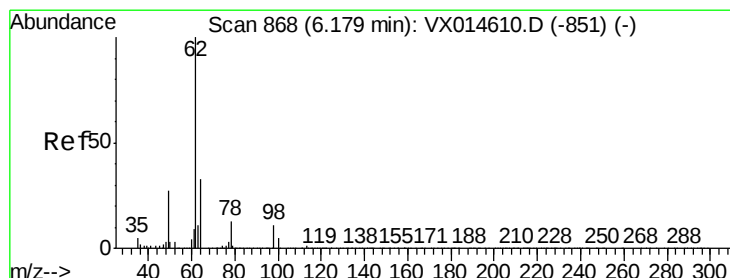
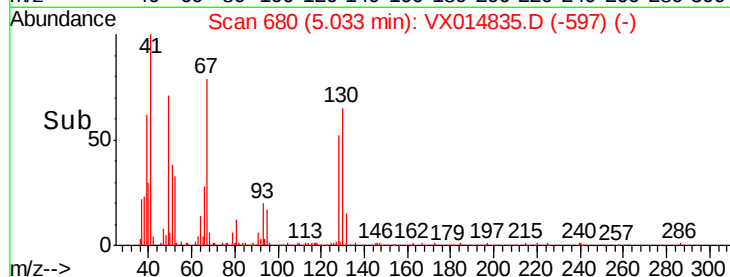
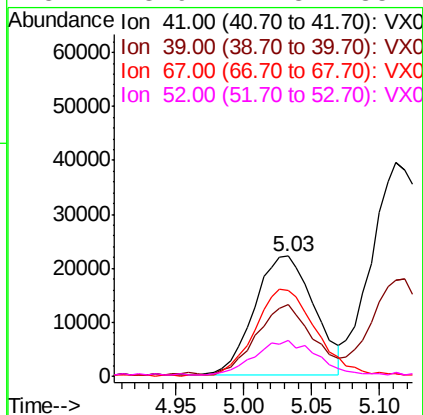
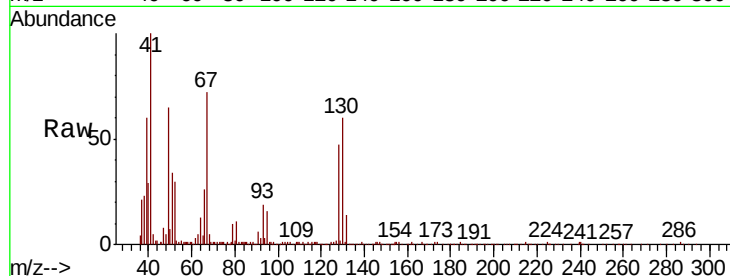




#35
Methacrylonitrile
Concen: 18.817 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

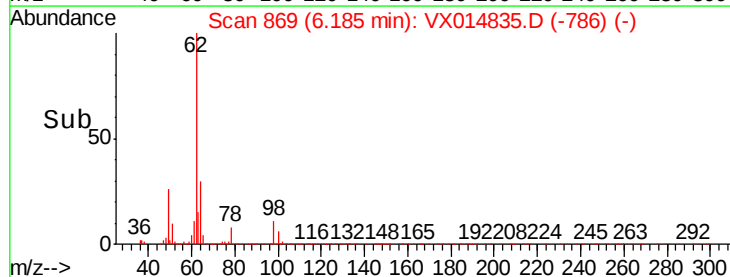
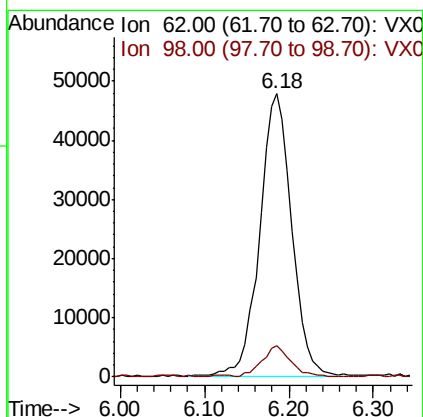
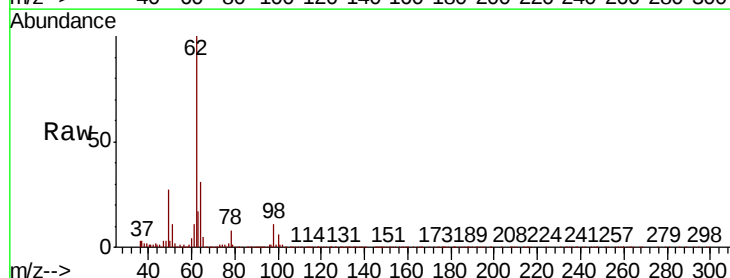
Instrument :
MSVOA_X
ClientSampleId :

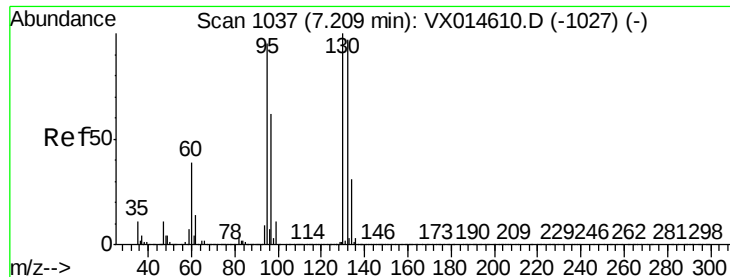
Tot Ion:	41	Resp:	67543
Ion	Ratio	Lower	Upper
41	100		
39	58.3	26.7	80.1
67	72.6	31.5	94.5
52	28.9	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.641 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion:	62	Resp:	125936
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.4	12.6

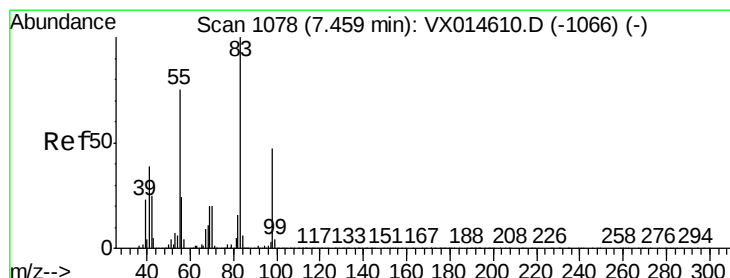
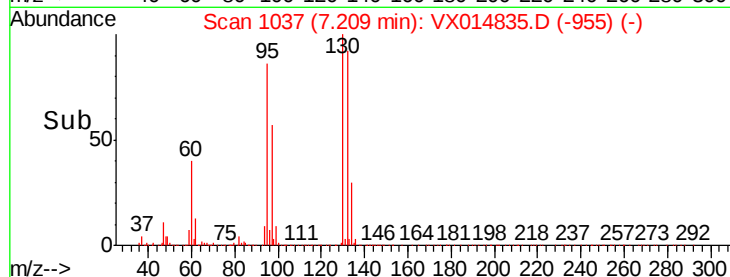
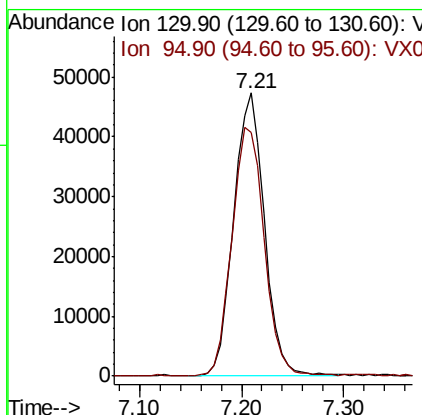
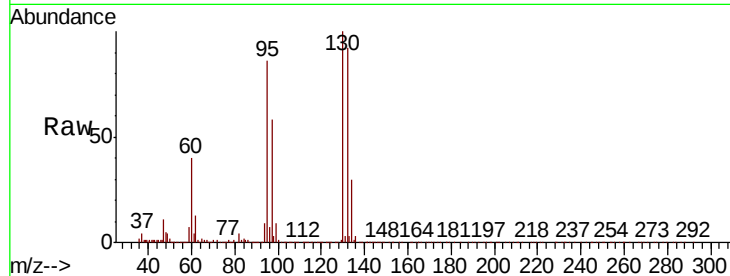




#37
 Trichloroethene
 Concen: 20.600 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

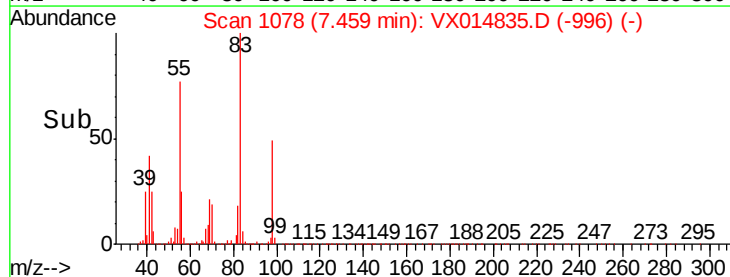
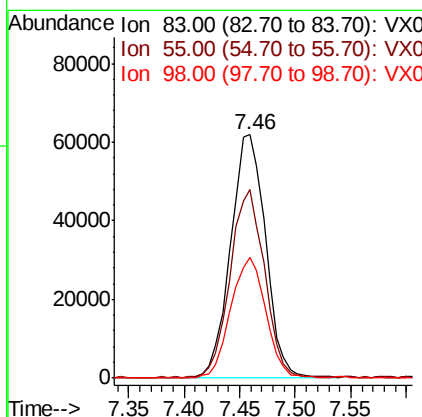
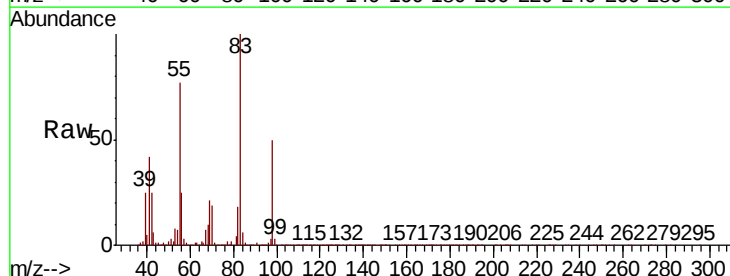
Instrument :
 MSVOA_X
 ClientSampleId :

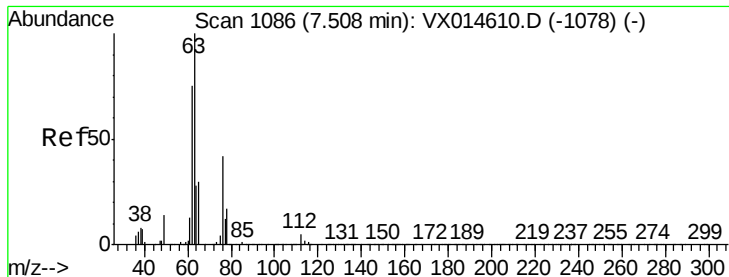
Tot Ion:130 Resp: 98887
 Ion Ratio Lower Upper
 130 100
 95 85.6 71.7 107.5



#38
 Methylcyclohexane
 Concen: 18.918 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion: 83 Resp: 133642
 Ion Ratio Lower Upper
 83 100
 55 76.0 39.4 118.1
 98 50.1 25.1 75.3

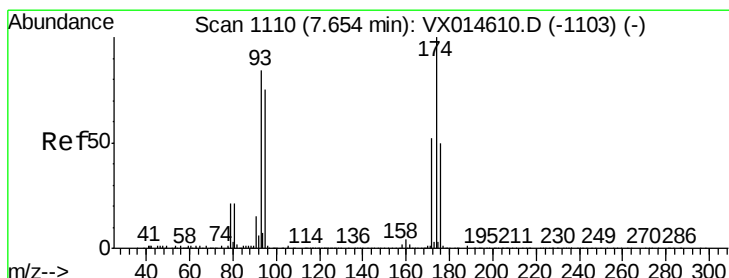
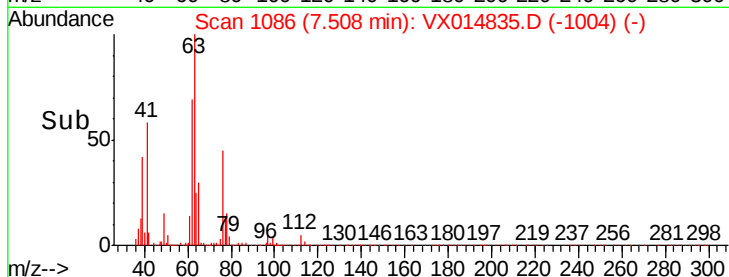
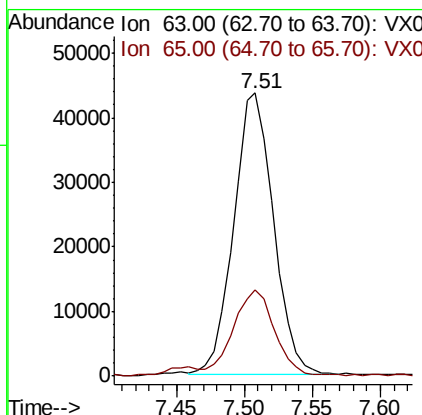
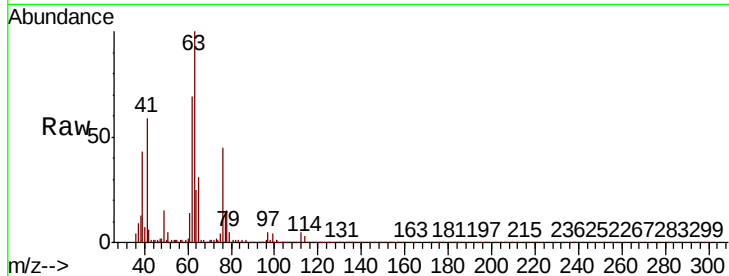




#39
 1,2-Dichloropropane
 Concen: 19.337 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

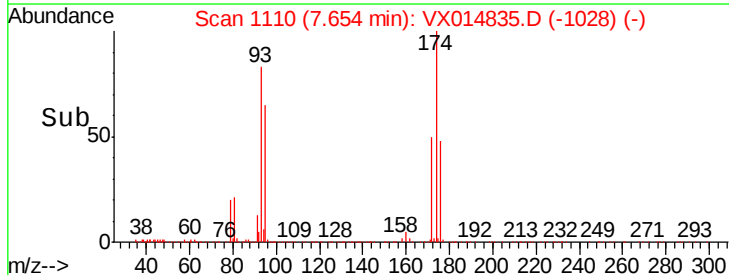
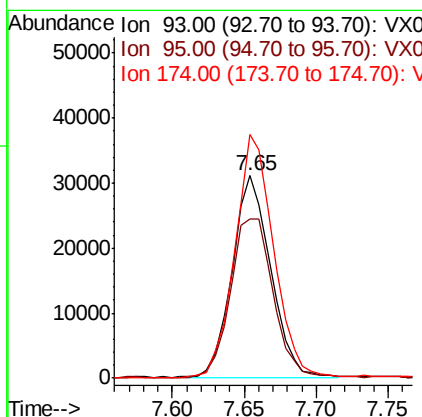
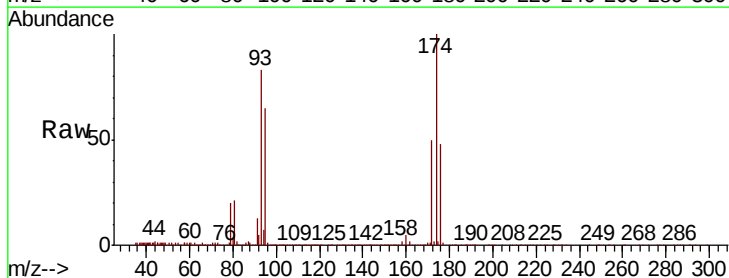
Instrument :
 MSVOA_X
 ClientSampleId :

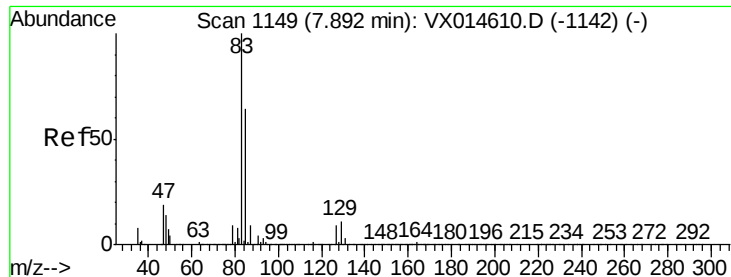
Tot Ion: 63 Resp: 88156
 Ion Ratio Lower Upper
 63 100
 65 30.4 22.1 33.1



#40
 Dibromomethane
 Concen: 19.680 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion: 93 Resp: 57661
 Ion Ratio Lower Upper
 93 100
 95 87.5 0.0 164.4
 174 122.3 0.0 228.8





#41

Bromodichloromethane

Concen: 20.073 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

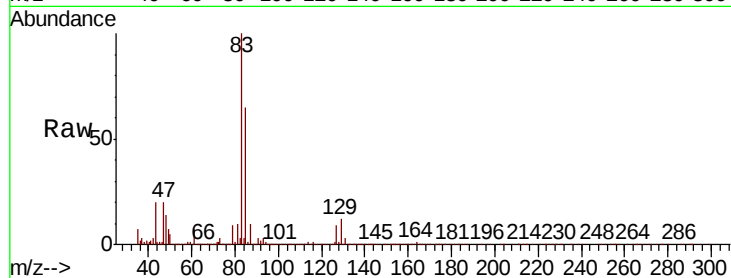
Tot Ion: 83 Resp: 115172

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

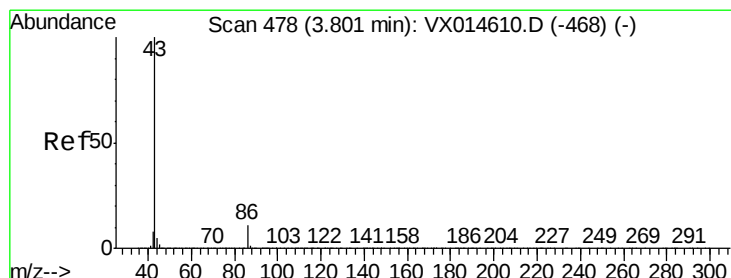
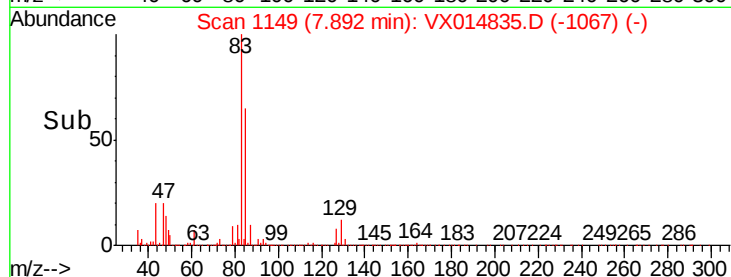
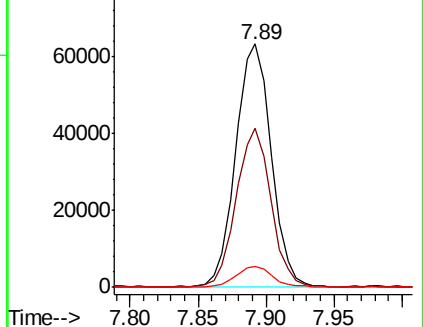
127 8.4 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.721 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014835.D

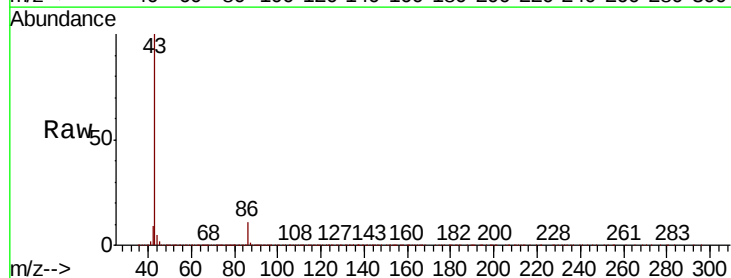
Acq: 05 Feb 2020 20:10

Tgt Ion: 43 Resp: 1082502

Ion Ratio Lower Upper

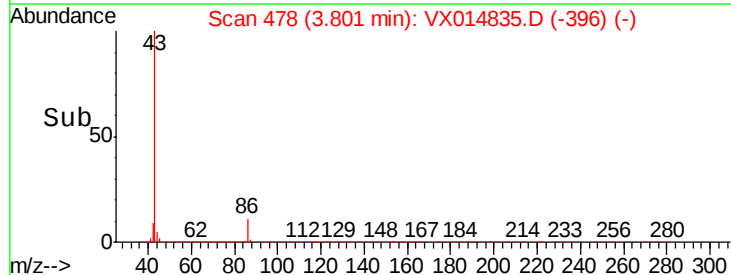
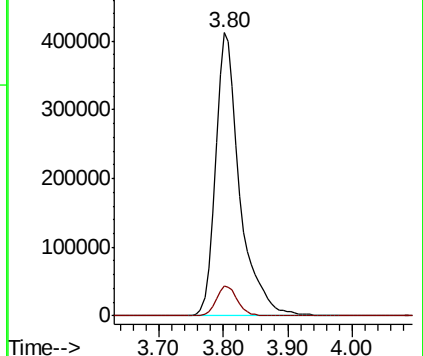
43 100

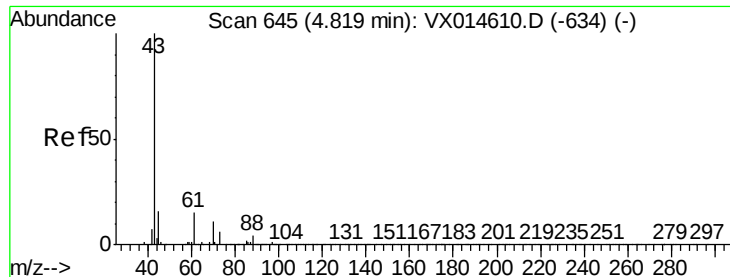
86 9.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

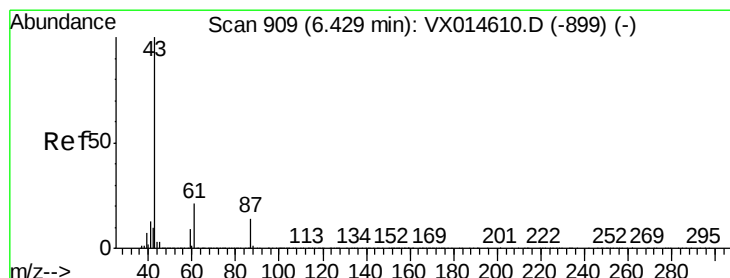
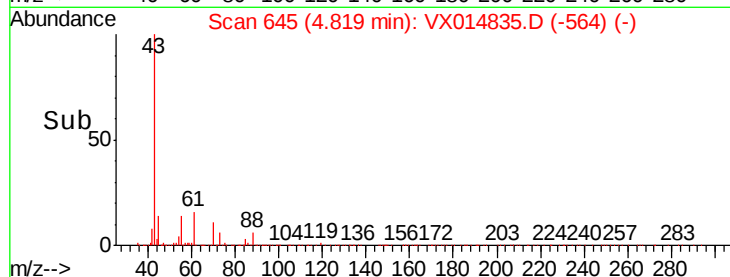
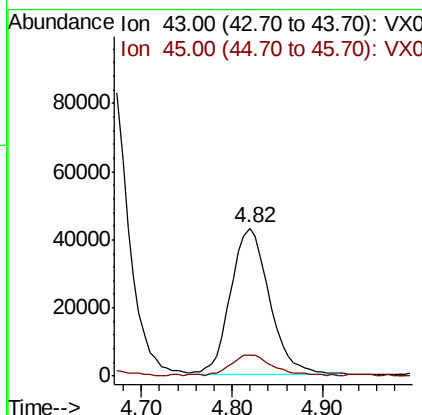
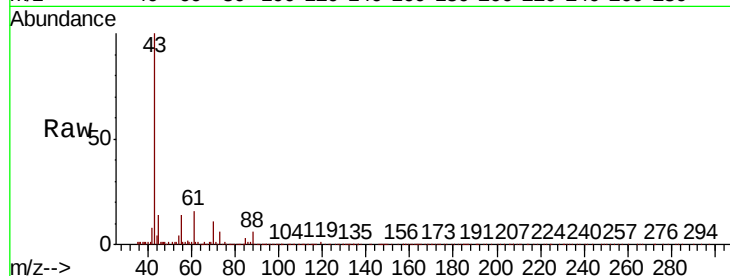




#43
Ethyl Acetate
Concen: 19.738 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

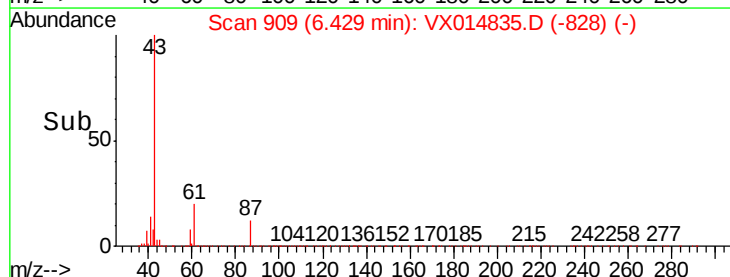
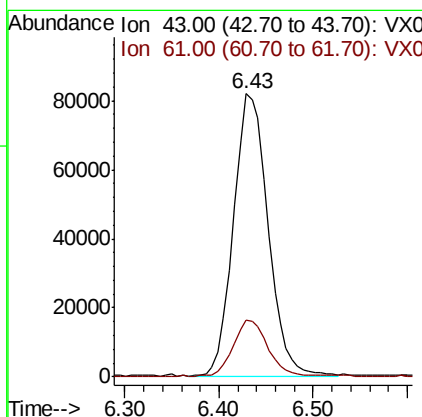
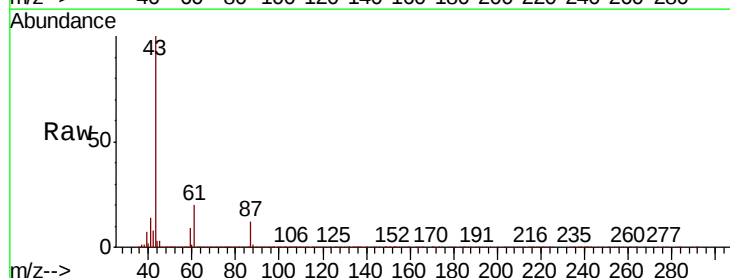
Instrument :
MSVOA_X
ClientSampleId :

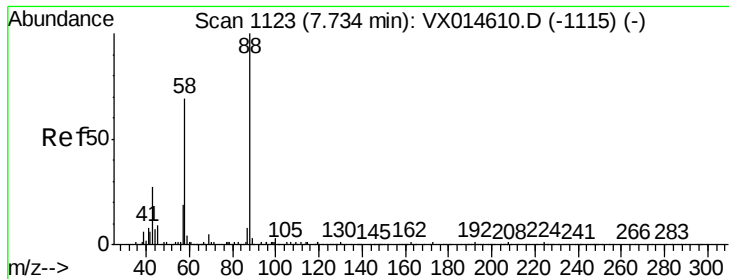
Tot Ion: 43 Resp: 128417
Ion Ratio Lower Upper
43 100
45 13.9 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.827 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 43 Resp: 208097
Ion Ratio Lower Upper
43 100
61 19.7 15.9 23.9





#45

1,4-Dioxane

Concen: 411.524 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

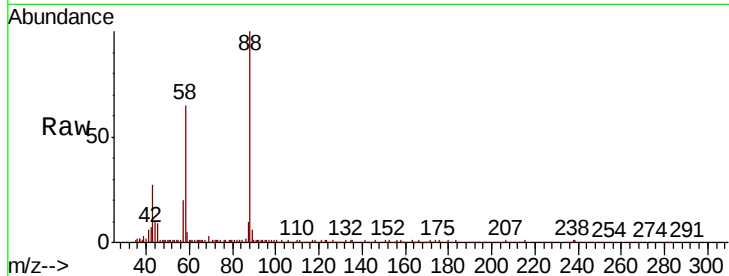
Tot Ion: 88 Resp: 43205

Ion Ratio Lower Upper

88 100

43 31.0 25.4 38.2

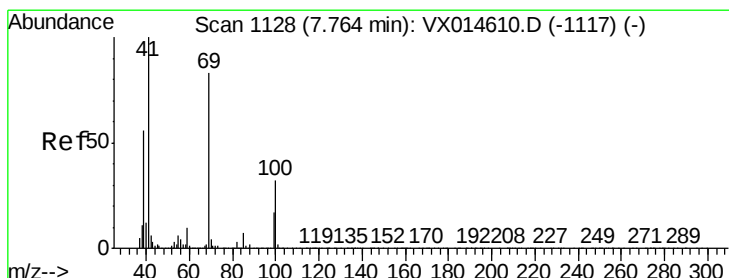
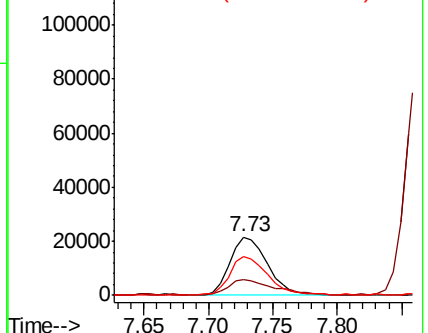
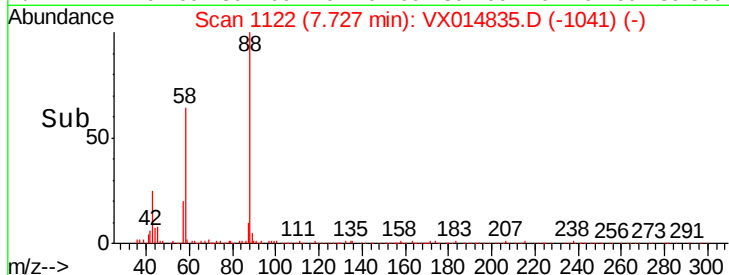
58 65.5 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.340 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

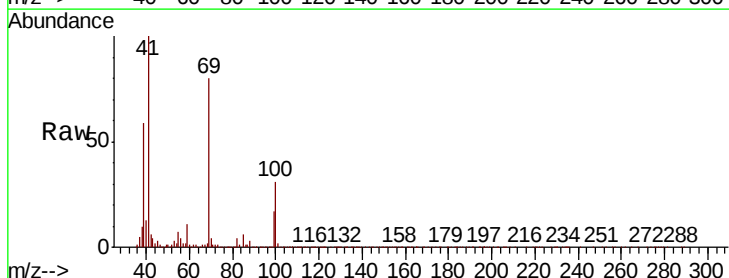
Tgt Ion: 41 Resp: 99819

Ion Ratio Lower Upper

41 100

69 80.2 40.6 122.0

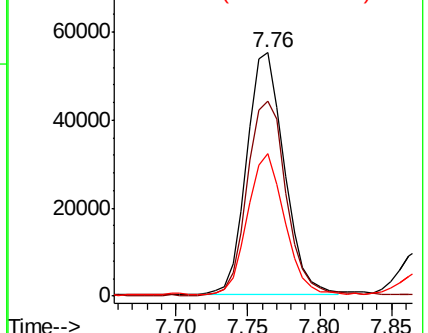
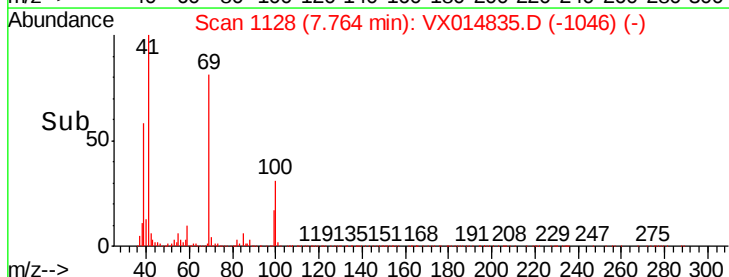
39 58.0 27.8 83.3

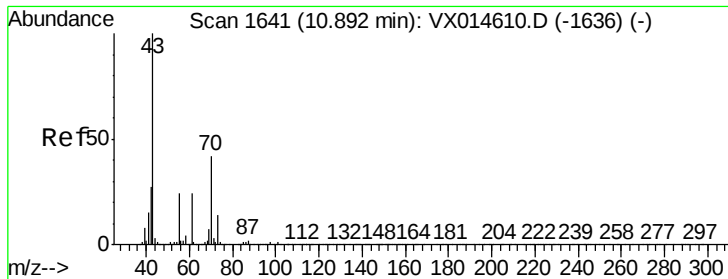


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.762 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

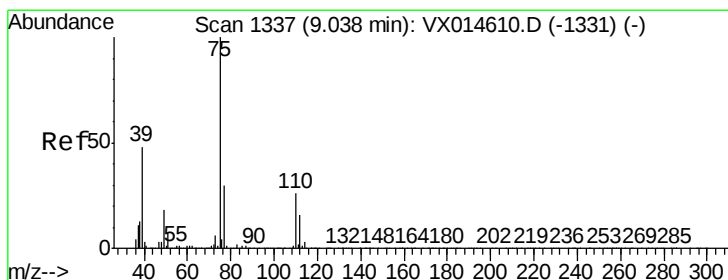
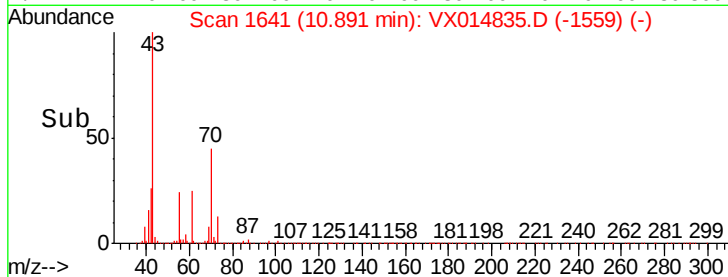
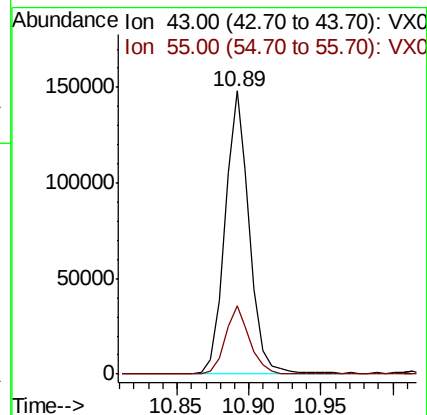
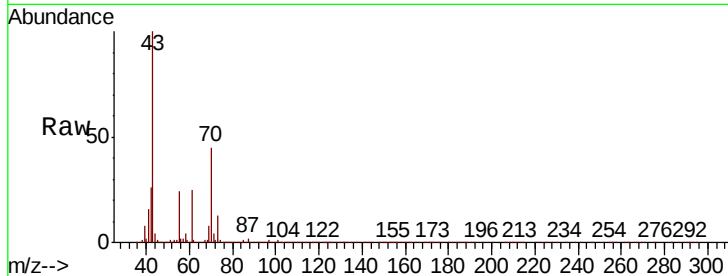
ClientSampleId :

Tot Ion: 43 Resp: 173796

Ion Ratio Lower Upper

43 100

55 24.1 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 20.167 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014835.D

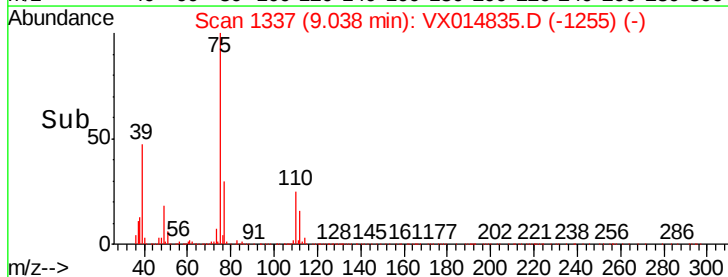
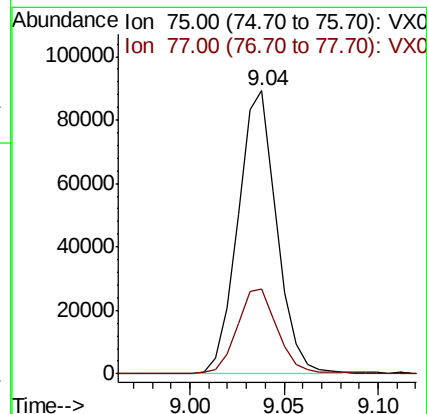
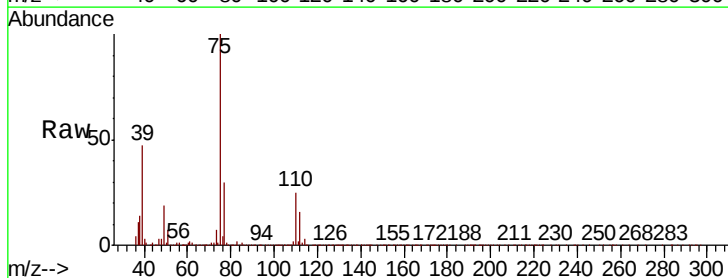
Acq: 05 Feb 2020 20:10

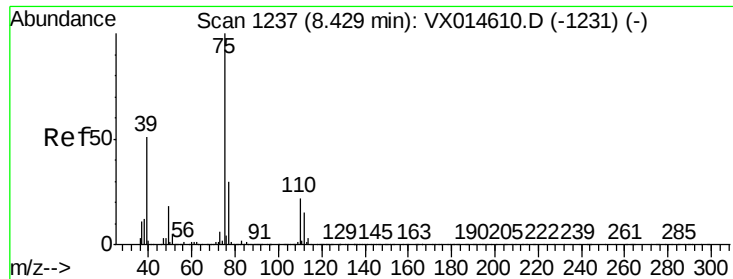
Tgt Ion: 75 Resp: 126331

Ion Ratio Lower Upper

75 100

77 29.9 26.0 39.0



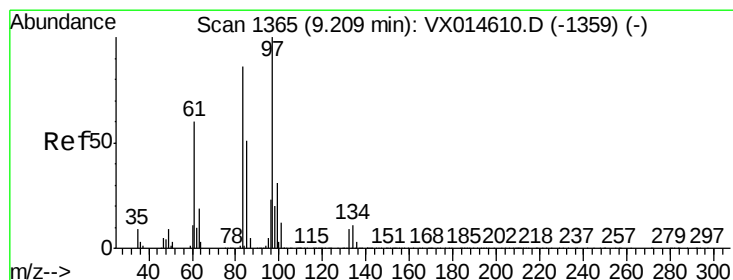
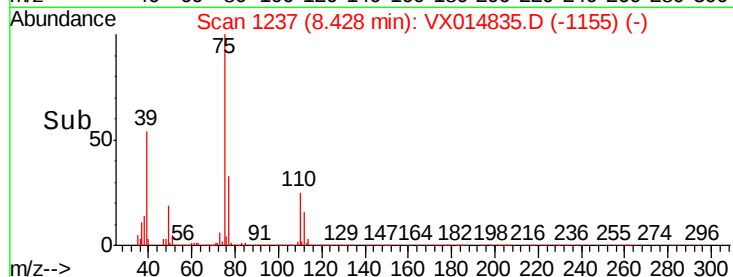
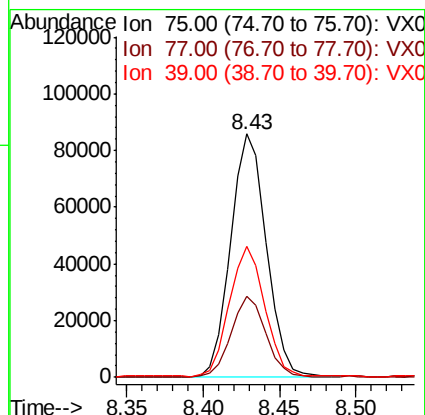
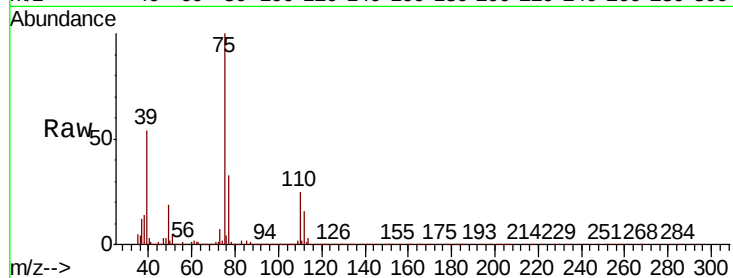


#49

cis-1,3-Dichloropropene
Concen: 19.654 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Instrument :
MSVOA_X
ClientSampled :

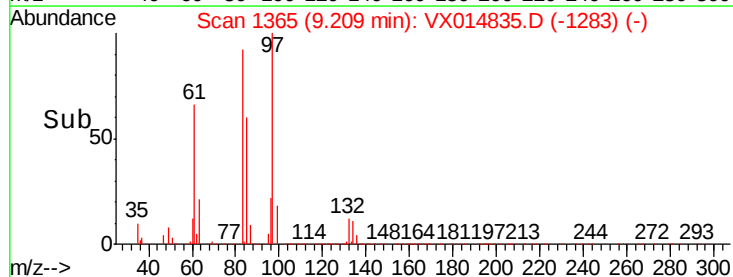
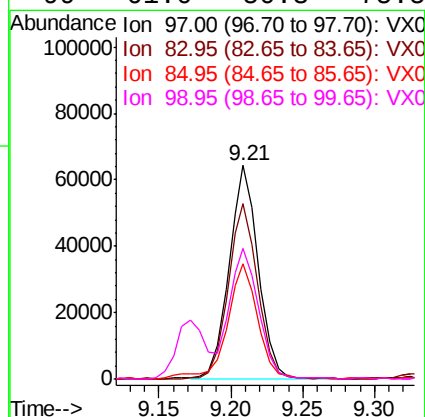
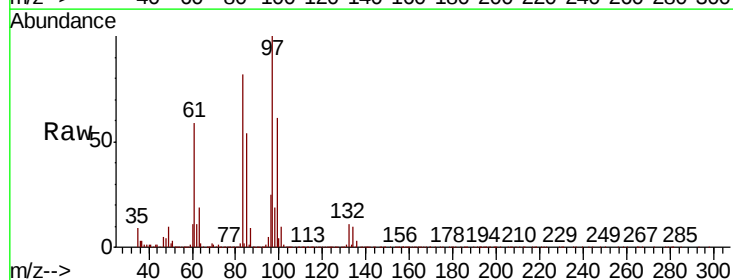
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.8	37.2
39	53.9	41.1	61.7

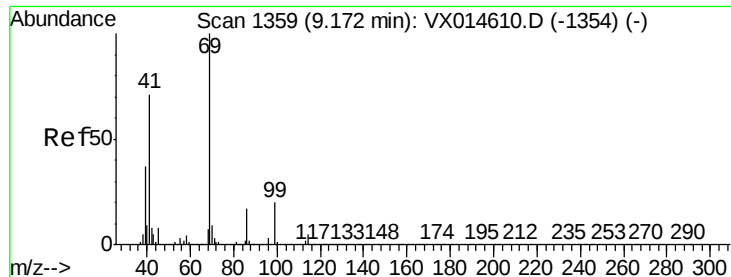


#50

1,1,2-Trichloroethane
Concen: 20.475 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	68.1	102.1
85	53.6	42.7	64.1
99	61.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.749 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

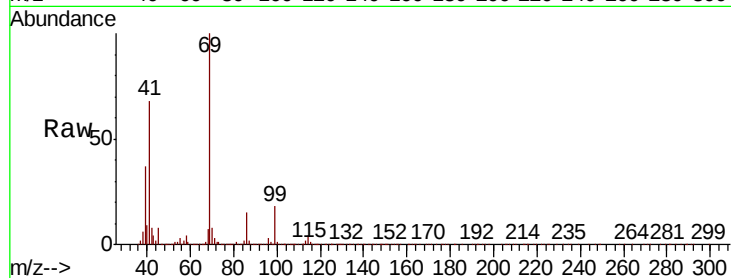
Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 137095

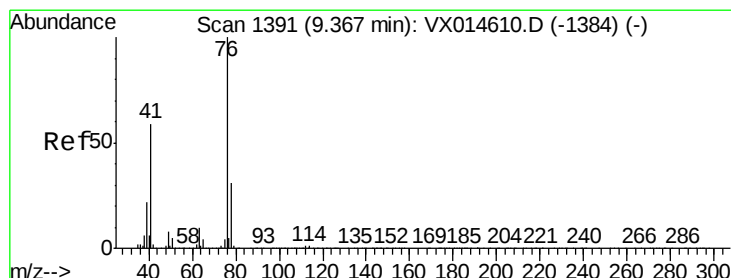
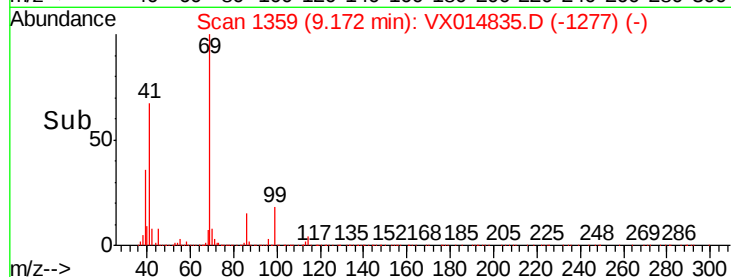
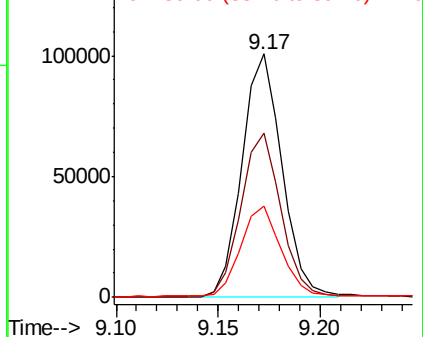
Ion	Ratio	Lower	Upper
69	100		
41	67.3	35.4	106.1
39	36.7	17.8	53.3



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: 19.945 ug/l

RT: 9.36 min Scan# 1390

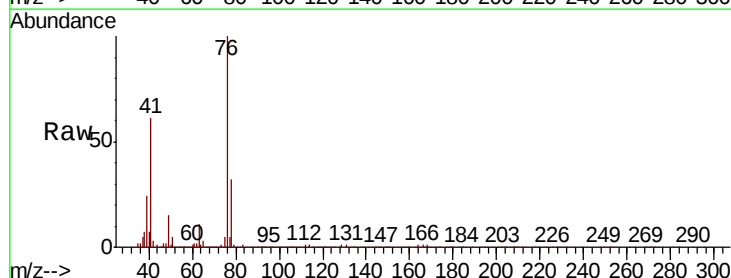
Delta R.T. -0.01 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

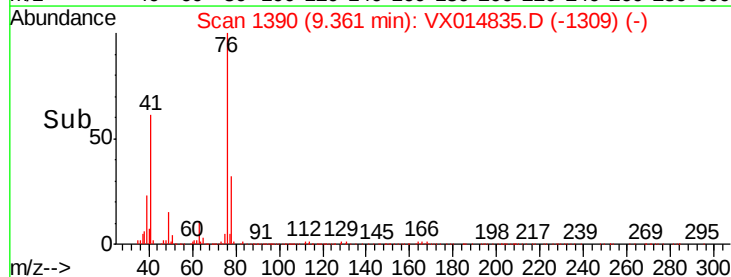
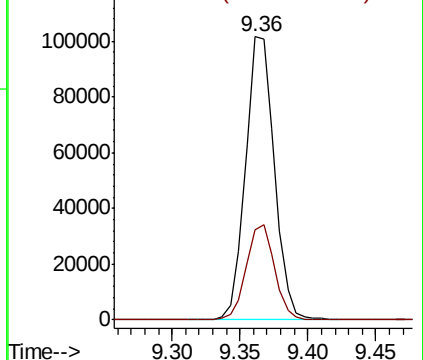
Tgt Ion: 76 Resp: 150659

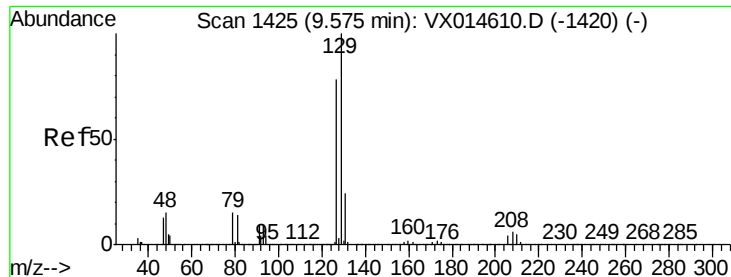
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.525 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

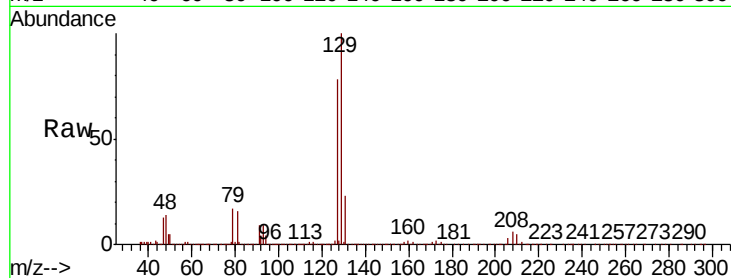
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 93599

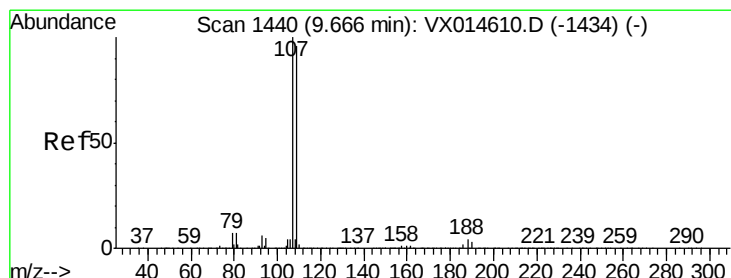
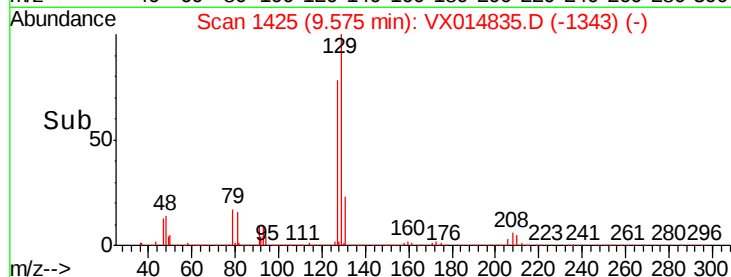
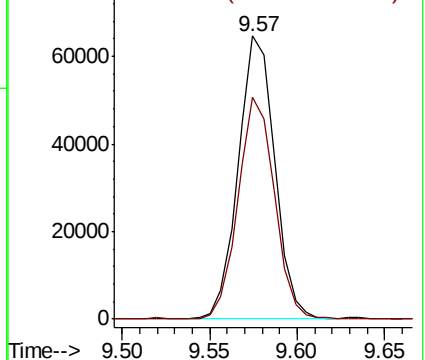
Ion Ratio Lower Upper

129 100

127 78.5 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: 20.542 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014835.D

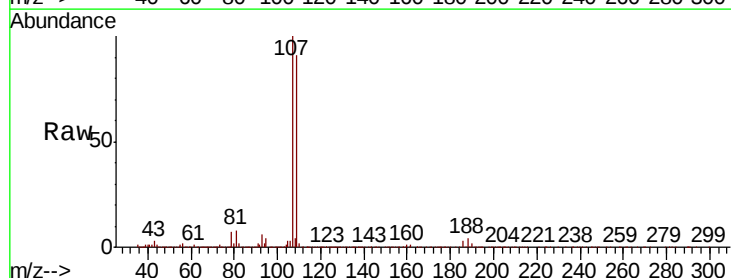
Acq: 05 Feb 2020 20:10

Tgt Ion:107 Resp: 94980

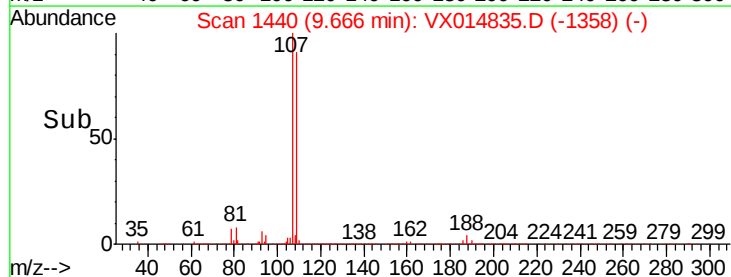
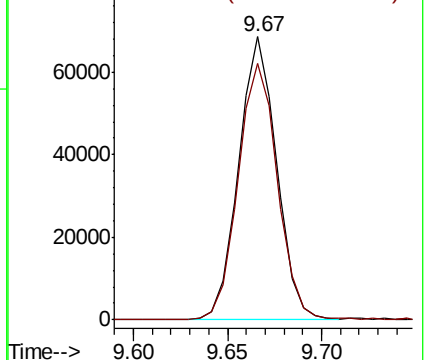
Ion Ratio Lower Upper

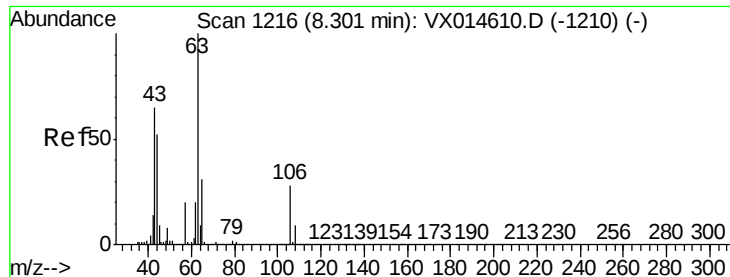
107 100

109 94.6 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

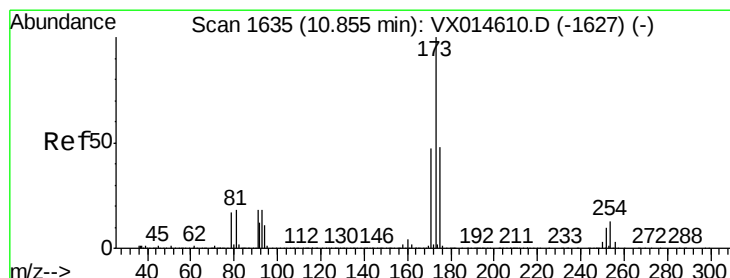
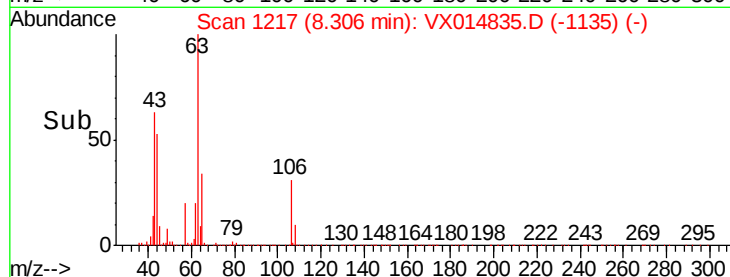
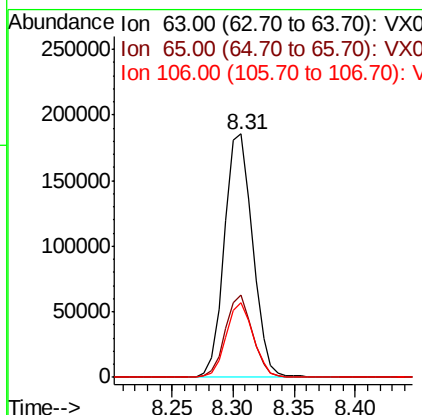
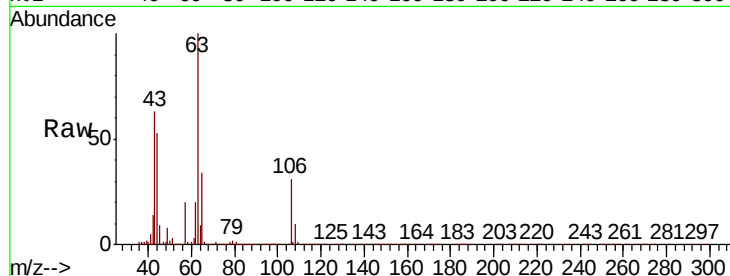




#55
2-Chloroethyl vinyl ether
Concen: 93.021 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

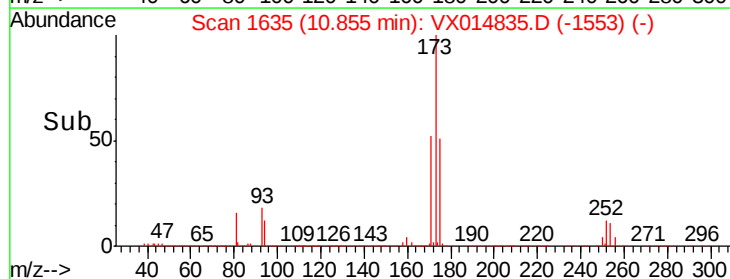
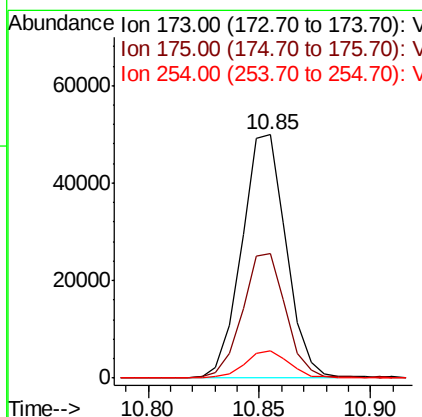
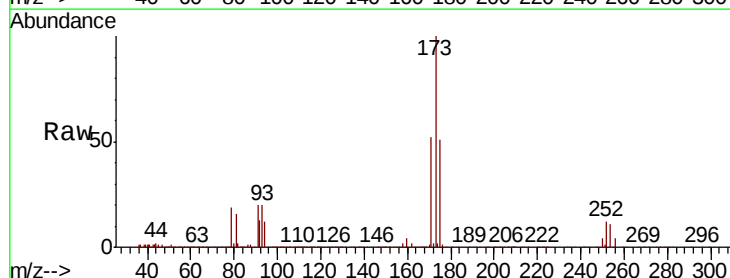
Instrument :
MSVOA_X
ClientSampled :

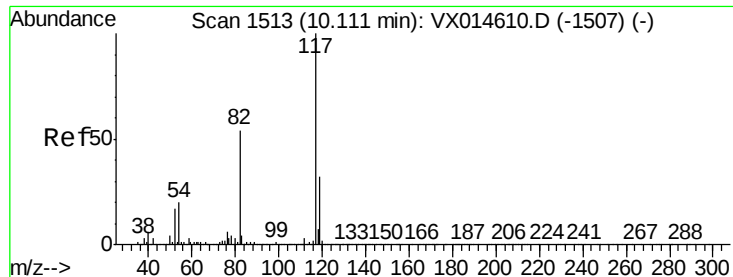
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	29.4	22.9	34.3



#56
Bromoform
Concen: 19.802 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.2	39.5	59.3
254	11.1	8.2	12.4

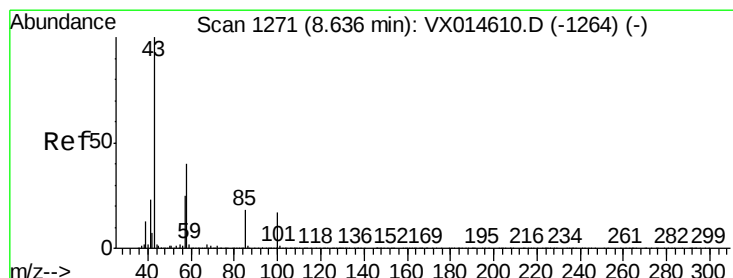
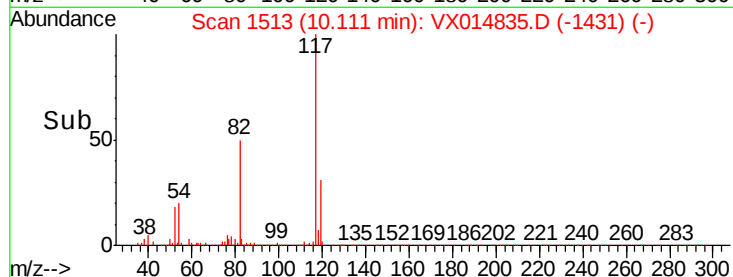
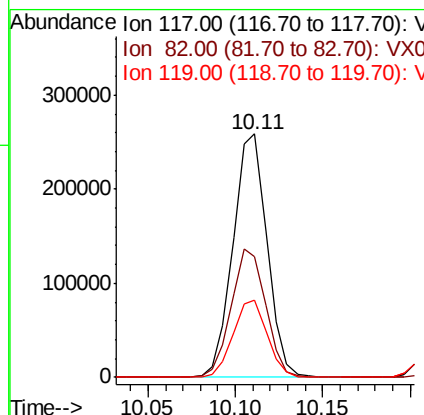
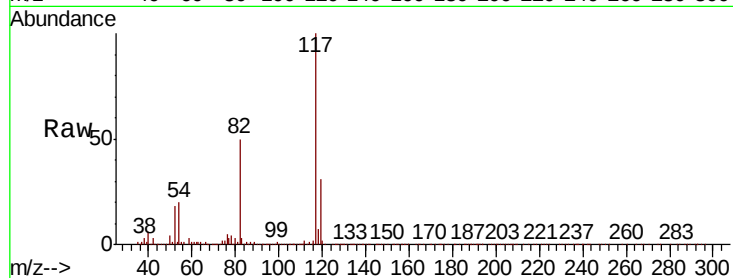




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

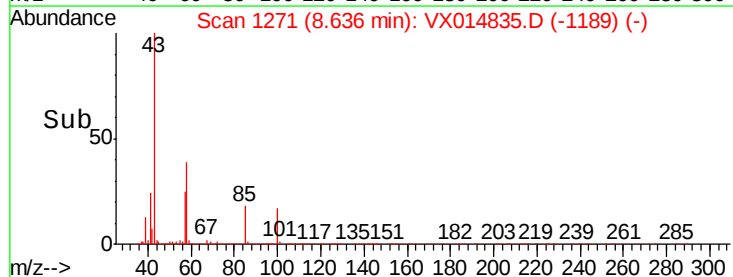
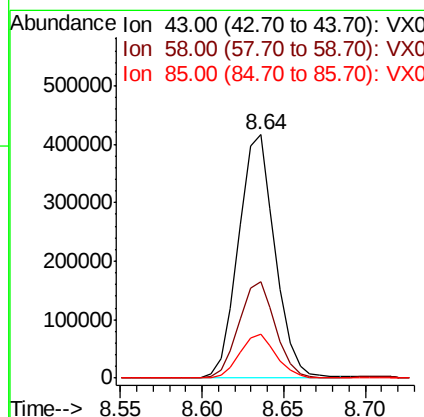
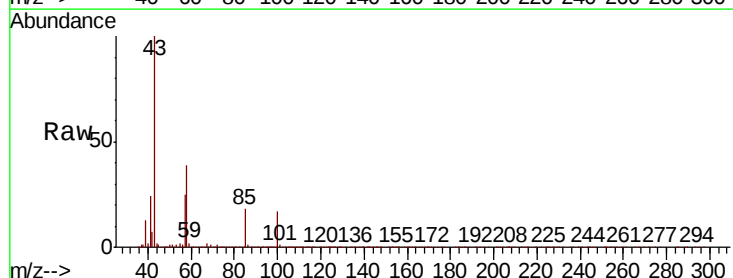
Instrument :
MSVOA_X
ClientSampleId :

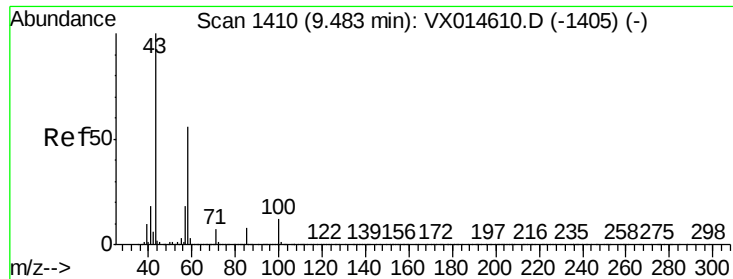
Tot Ion:117 Resp: 349711
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.6
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 98.448 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion: 43 Resp: 648346
Ion Ratio Lower Upper
43 100
58 39.8 31.2 46.8
85 17.9 14.2 21.2

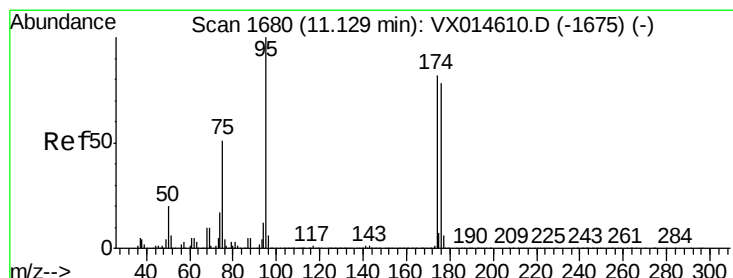
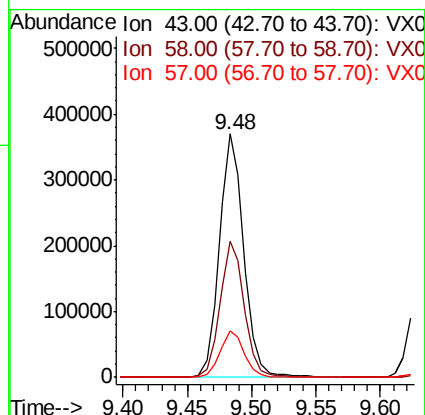
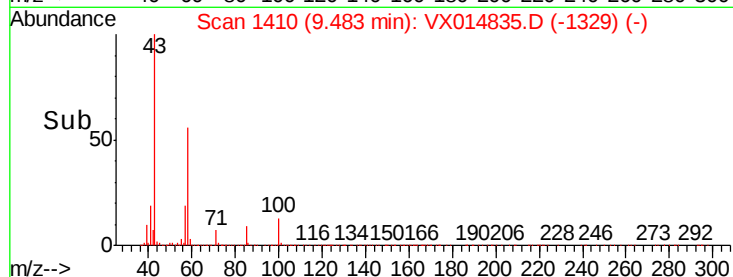
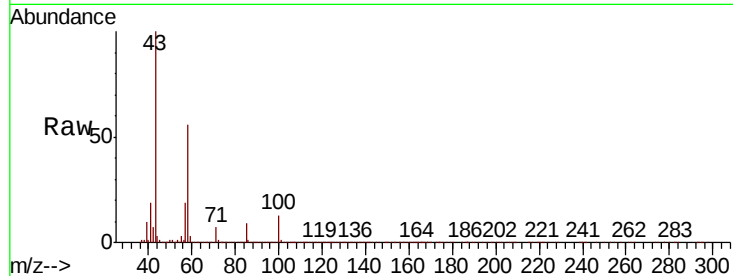




#59
2-Hexanone
Concen: 96.069 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

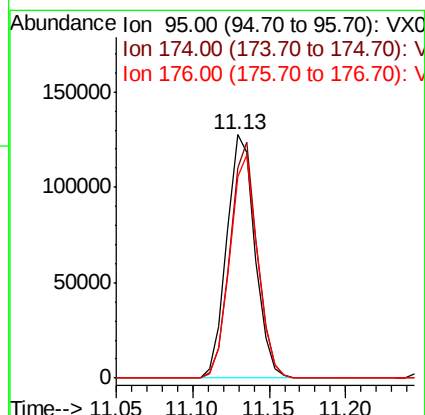
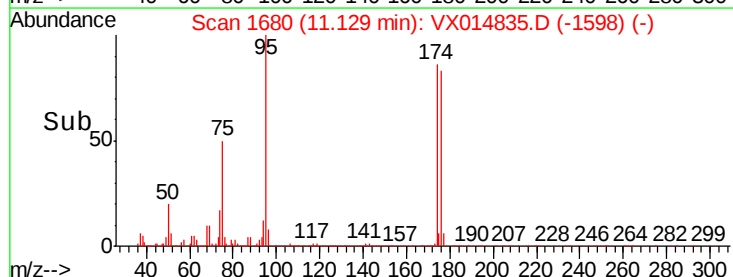
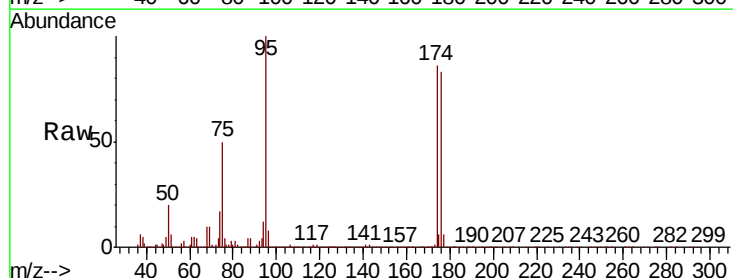
Instrument :
MSVOA_X
ClientSampleId :

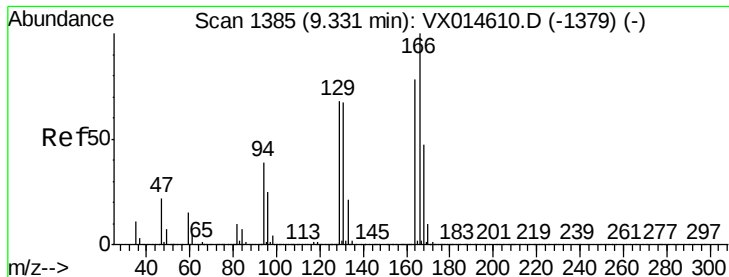
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.8	65.6
57	19.3	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 29.236 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	70.2	105.2
176	89.8	68.3	102.5





#61

Tetrachloroethene

Concen: 20.936 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 108214

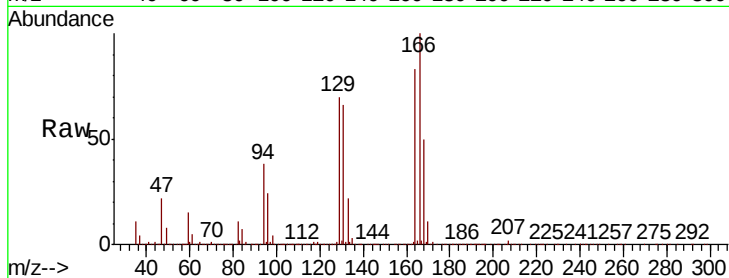
Ion Ratio Lower Upper

164 100

166 121.0 104.2 156.2

129 84.0 71.6 107.4

131 79.4 71.7 107.5



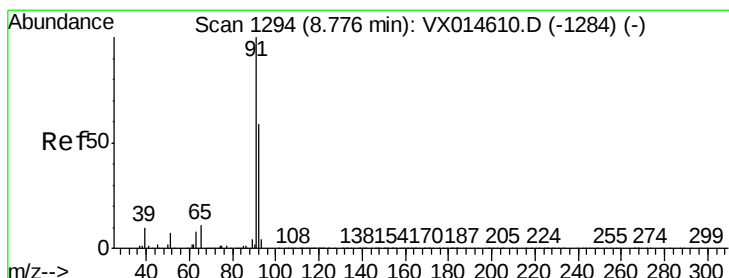
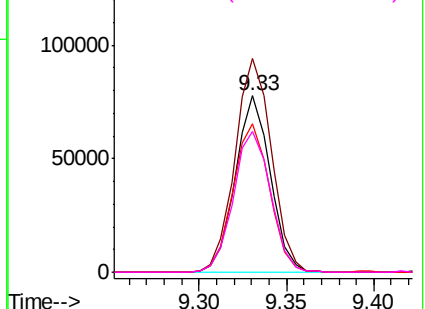
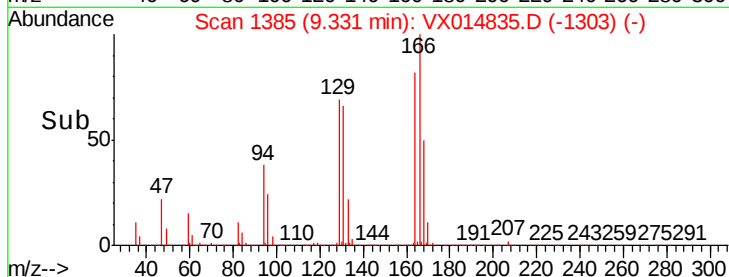
Abundance

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: 20.365 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014835.D

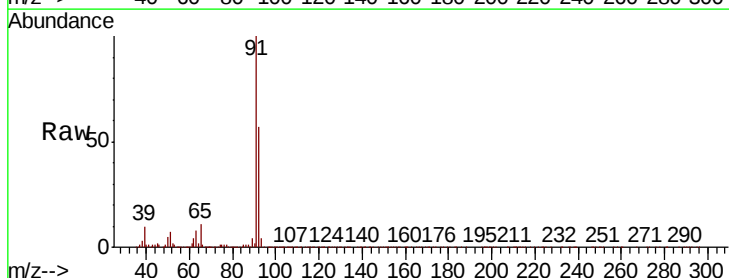
Acq: 05 Feb 2020 20:10

Tgt Ion: 91 Resp: 377854

Ion Ratio Lower Upper

91 100

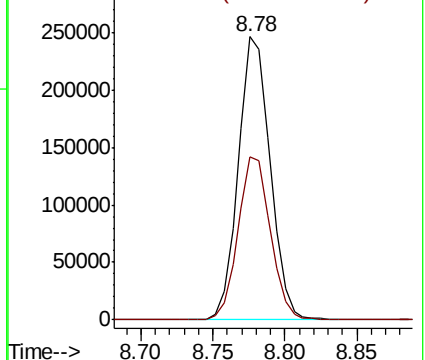
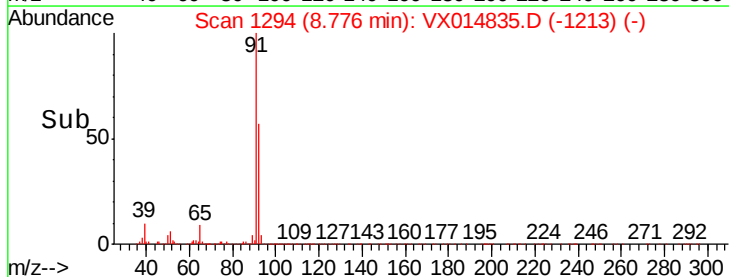
92 58.1 46.4 69.6

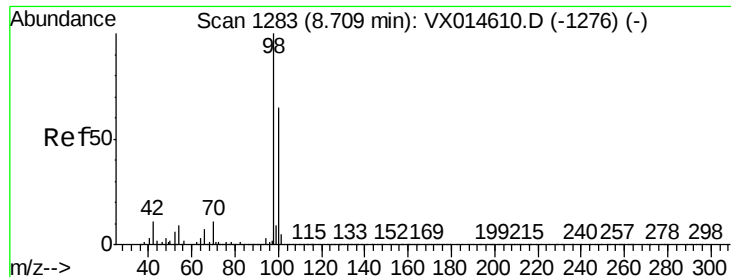


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.678 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

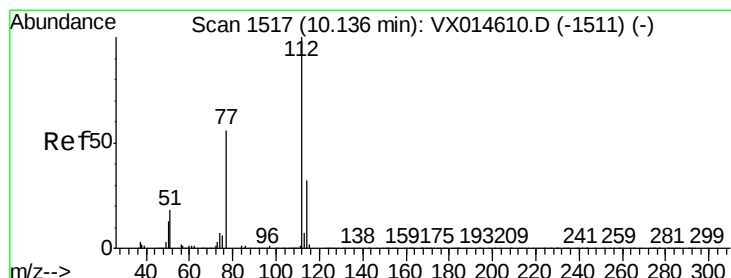
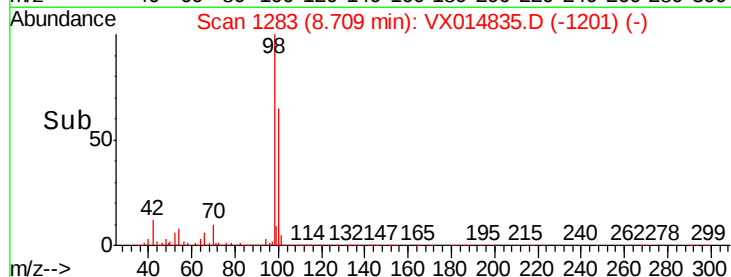
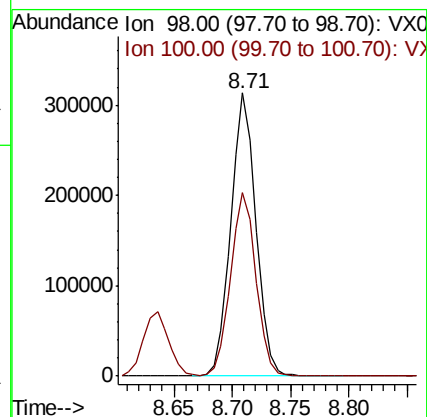
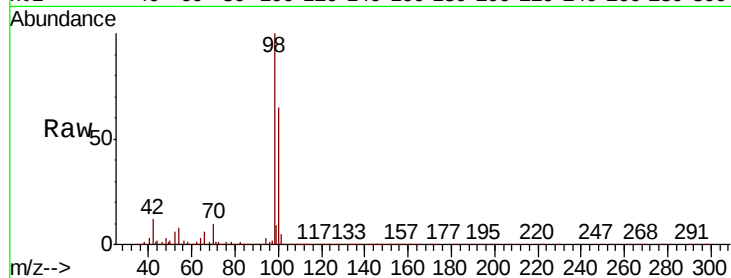
ClientSampleId :

Tot Ion: 98 Resp: 468804

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#64

Chlorobenzene

Concen: 20.498 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014835.D

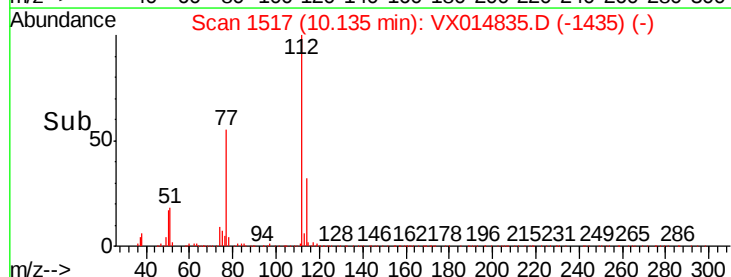
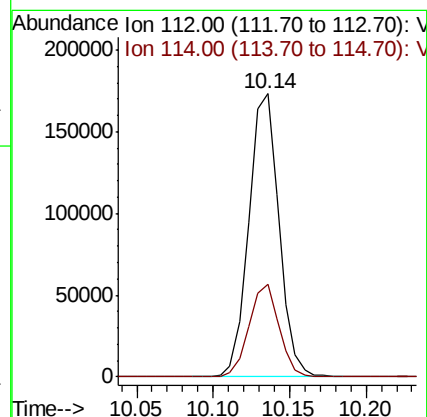
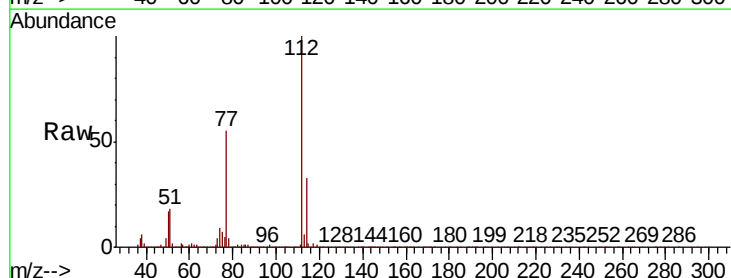
Acq: 05 Feb 2020 20:10

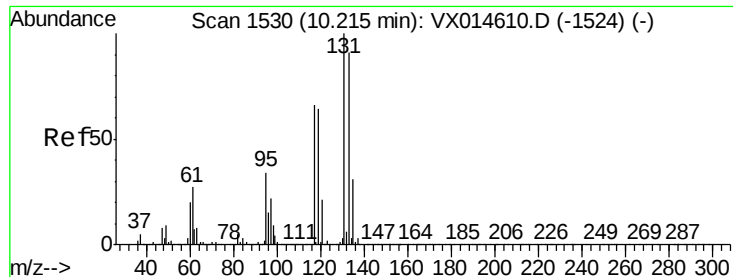
Tgt Ion: 112 Resp: 237417

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.650 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

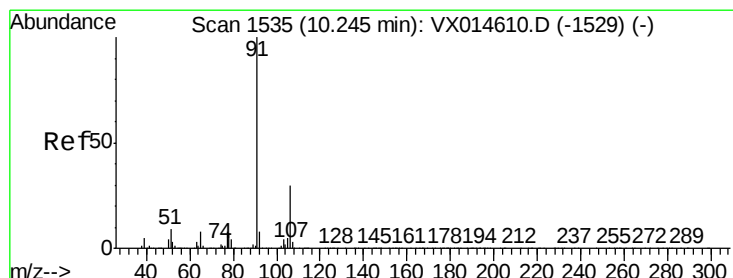
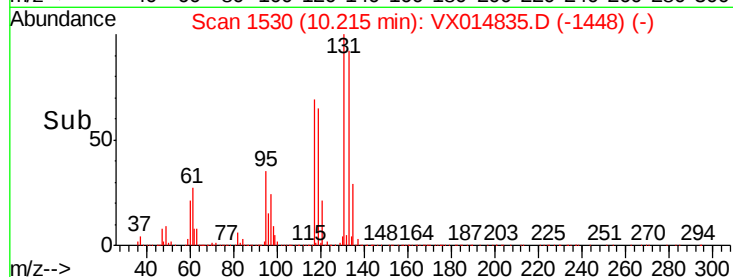
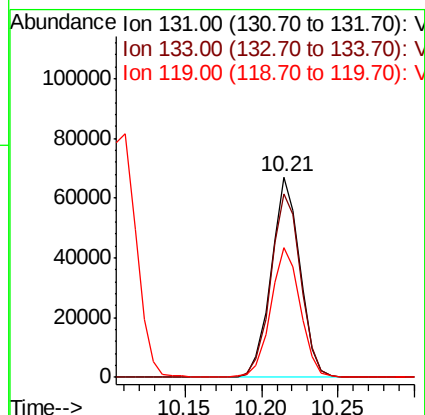
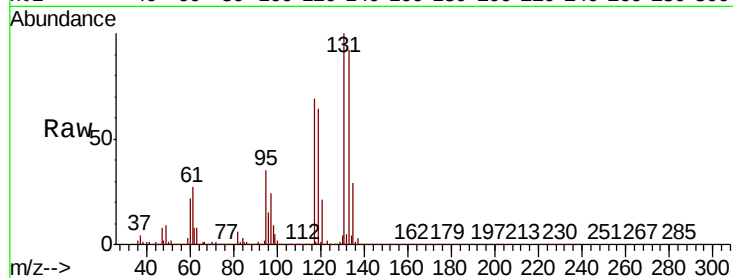
Tot Ion:131 Resp: 88338

Ion Ratio Lower Upper

131 100

133 94.5 0.0 189.8

119 66.0 0.0 132.2



#66

Ethyl Benzene

Concen: 20.366 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014835.D

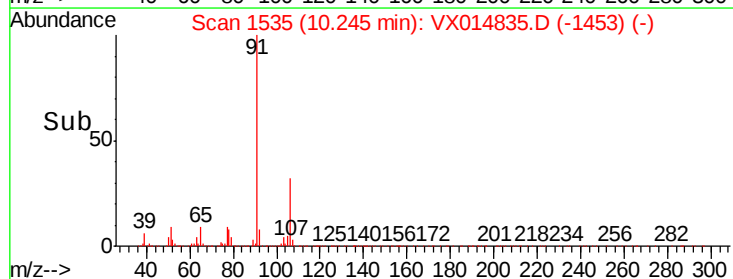
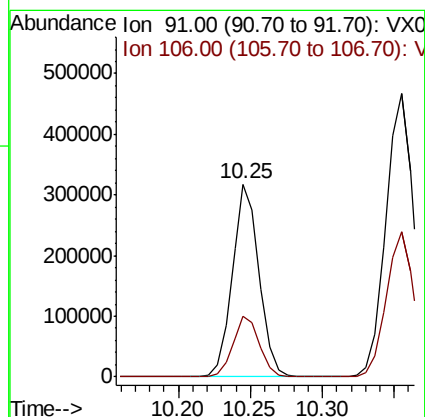
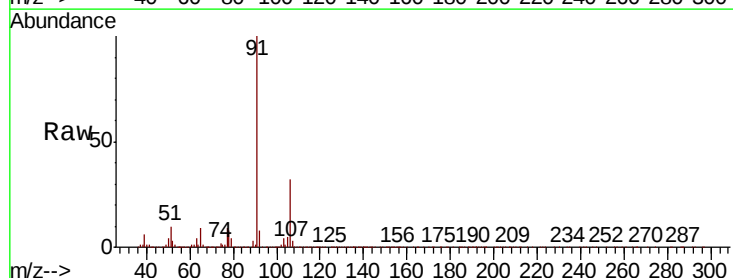
Acq: 05 Feb 2020 20:10

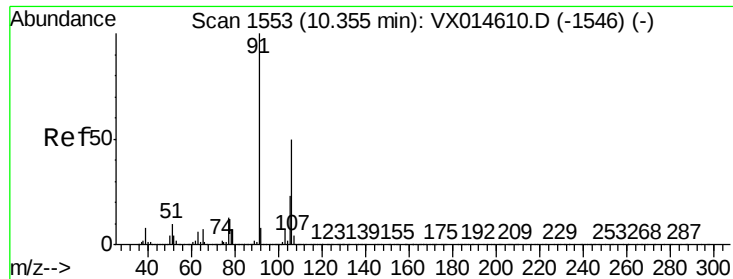
Tgt Ion: 91 Resp: 411575

Ion Ratio Lower Upper

91 100

106 31.6 24.2 36.2

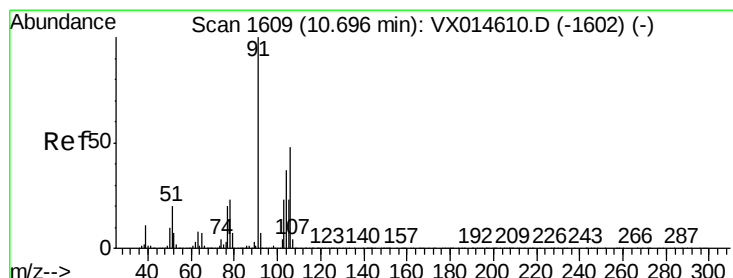
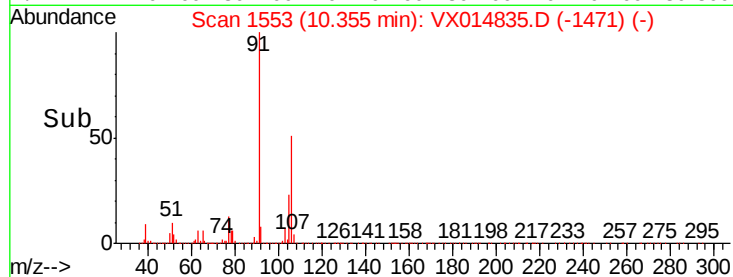
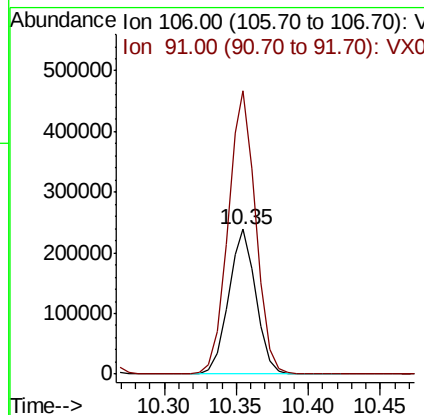
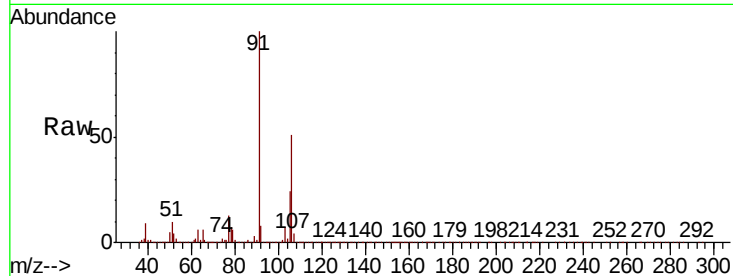




#67
m/p-Xylenes
Concen: 40.967 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

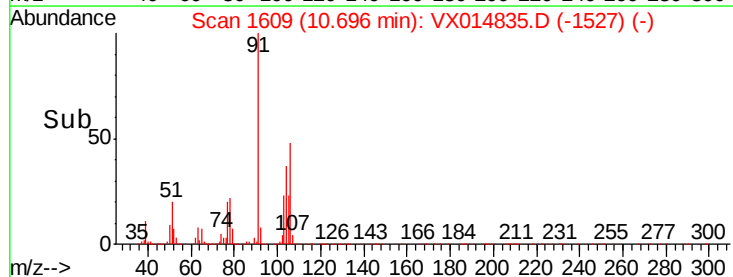
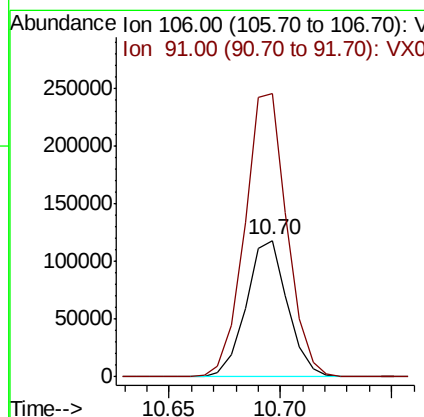
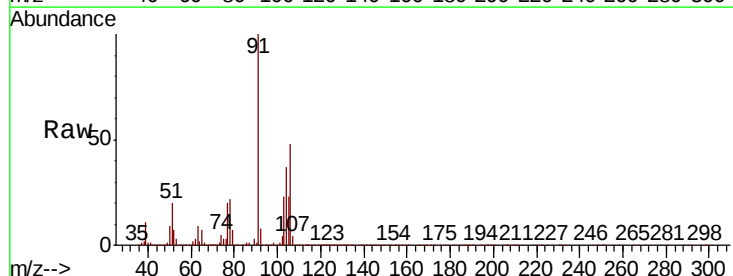
Instrument :
MSVOA_X
ClientSampleId :

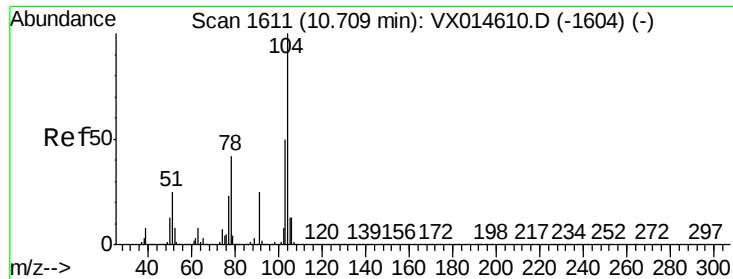
Tot Ion:106 Resp: 317125
Ion Ratio Lower Upper
106 100
91 197.6 159.3 238.9



#68
o-Xylene
Concen: 20.218 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion:106 Resp: 152401
Ion Ratio Lower Upper
106 100
91 212.0 104.8 314.6

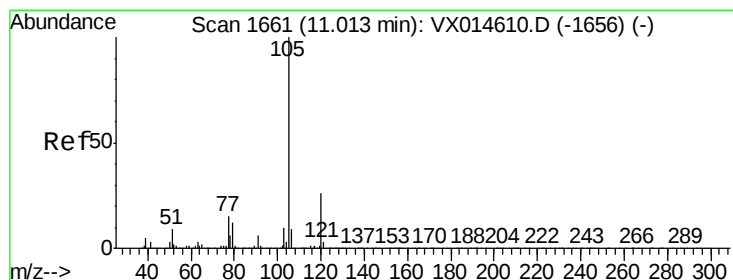
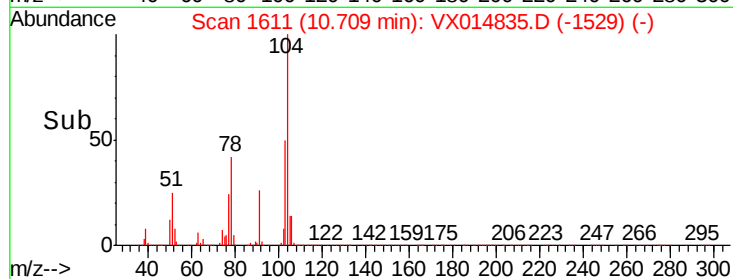
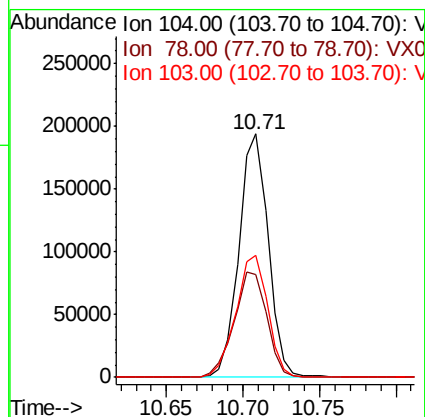
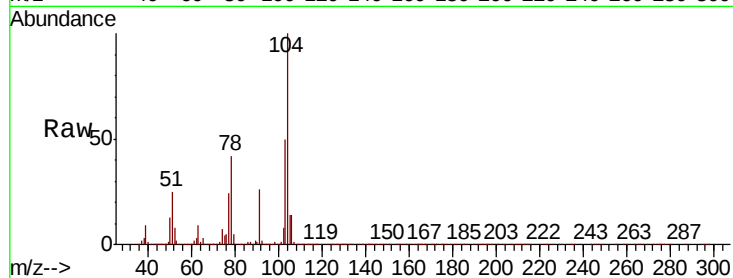




#69
Stvrene
Concen: 20.103 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

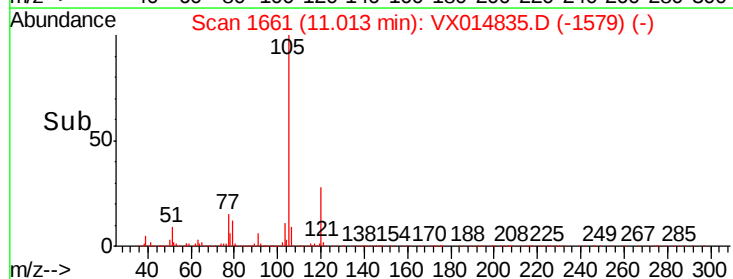
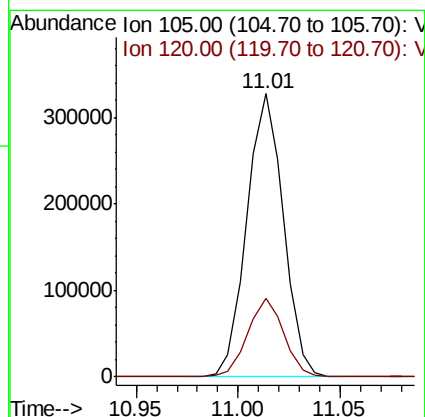
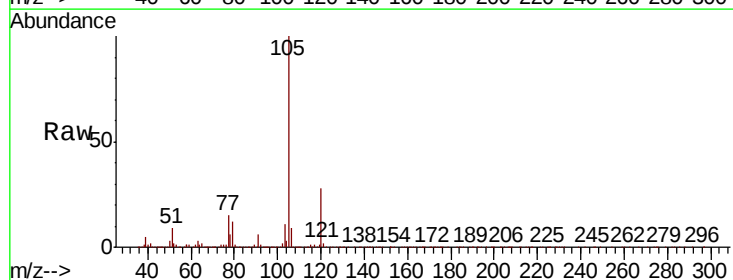
Instrument :
MSVOA_X
ClientSampleId :

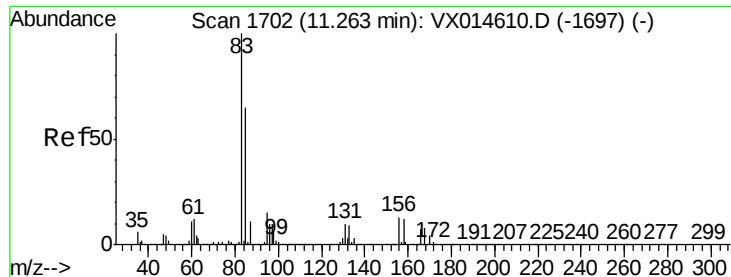
Tot Ion:104 Resp: 256752
Ion Ratio Lower Upper
104 100
78 48.3 38.9 58.3
103 54.9 44.2 66.2



#70
Isopropylbenzene
Concen: 20.653 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion:105 Resp: 407850
Ion Ratio Lower Upper
105 100
120 27.1 19.1 35.5

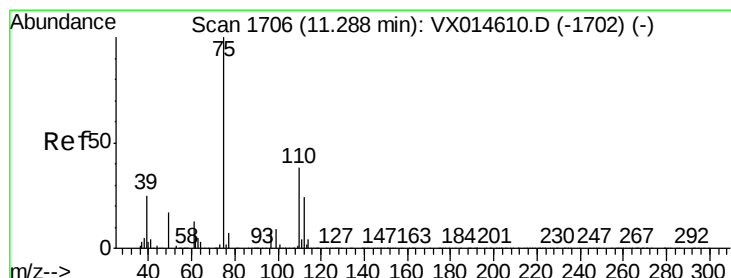
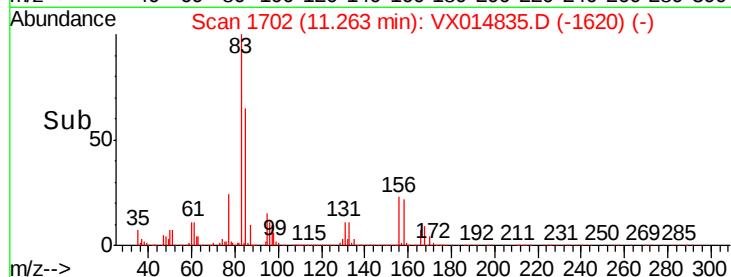
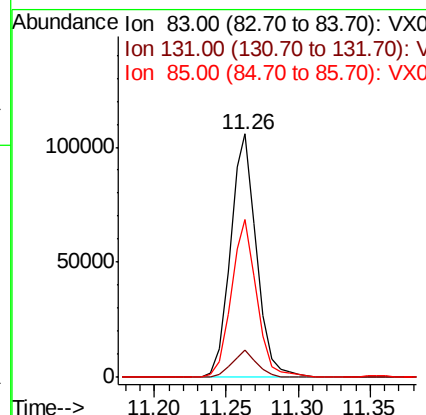
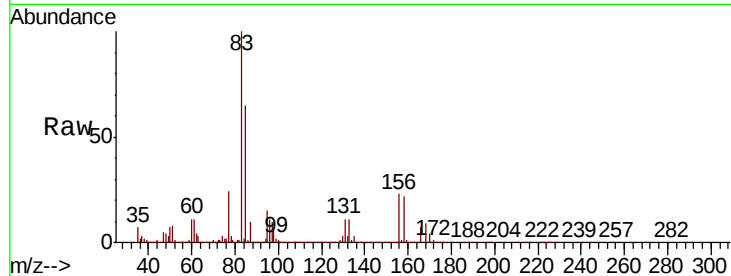




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.239 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

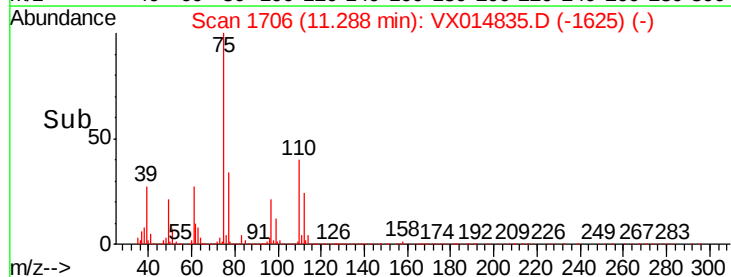
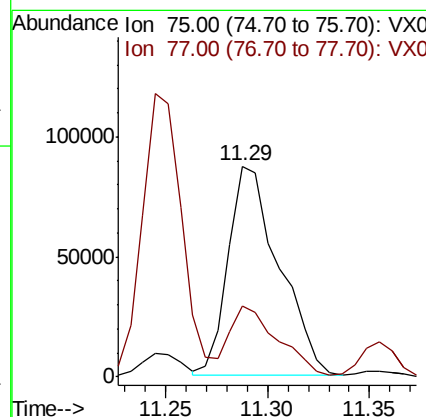
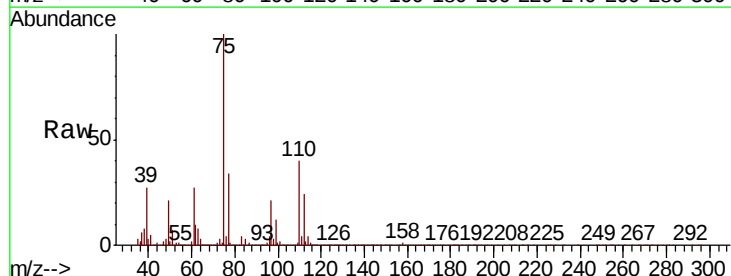
Instrument :
 MSVOA_X
 ClientSampled :

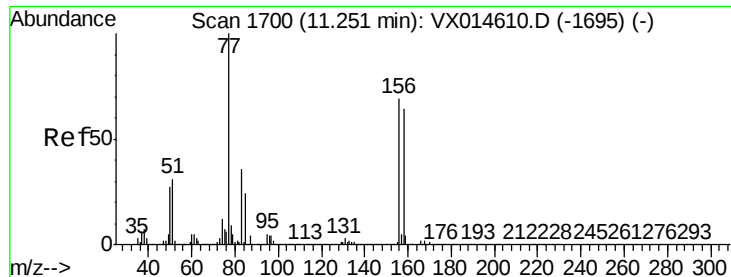
Tot Ion	83	Resp	134630
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.7
85	63.1	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 26.346 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion	75	Resp	149907
Ion Ratio	Lower	Upper	
75	100		
77	30.0	0.0	68.4





#73

Bromobenzene

Concen: 20.793 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

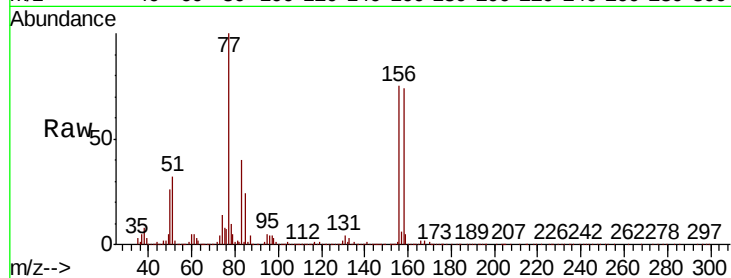
Tot Ion:156 Resp: 108849

Ion Ratio Lower Upper

156 100

77 146.7 0.0 304.6

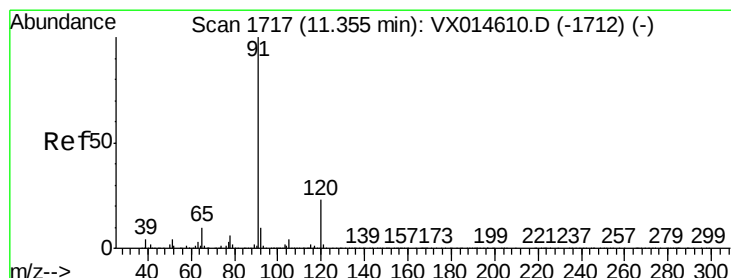
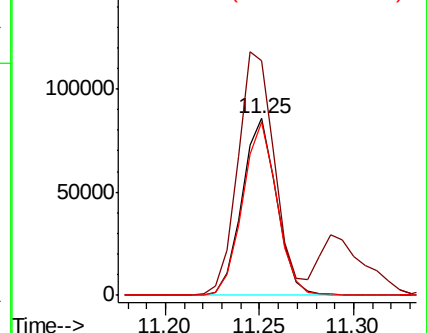
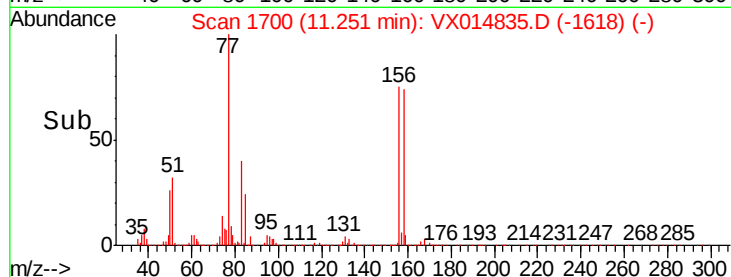
158 97.0 0.0 195.2



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: 20.441 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014835.D

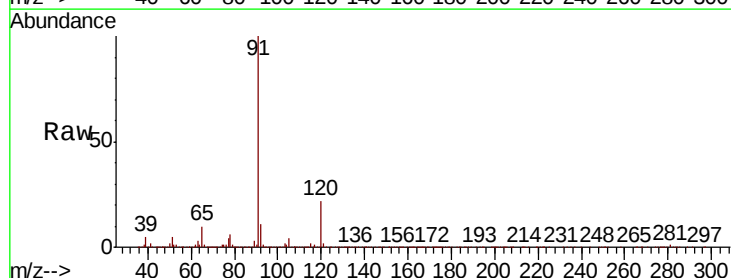
Acq: 05 Feb 2020 20:10

Tgt Ion: 91 Resp: 461262

Ion Ratio Lower Upper

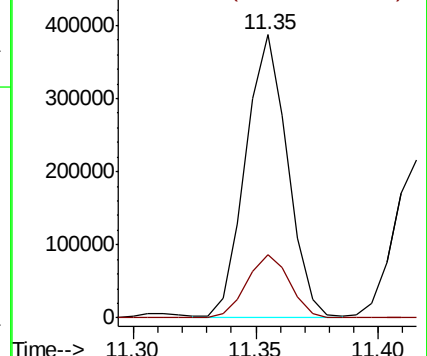
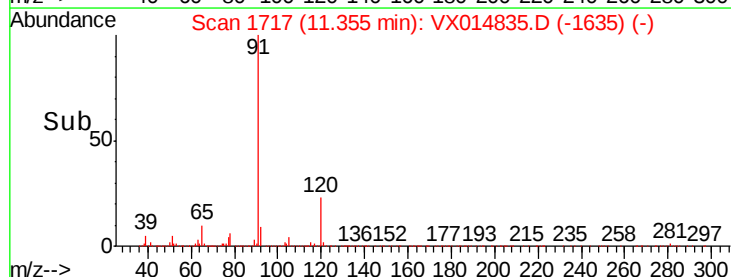
91 100

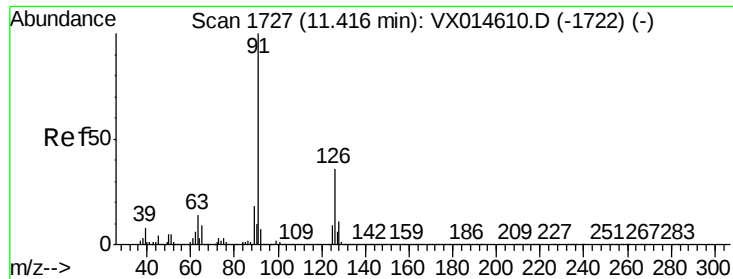
120 22.6 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.207 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

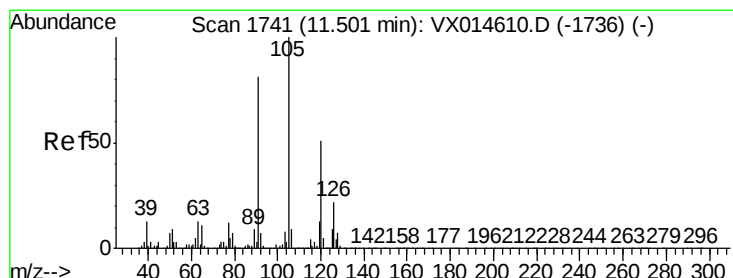
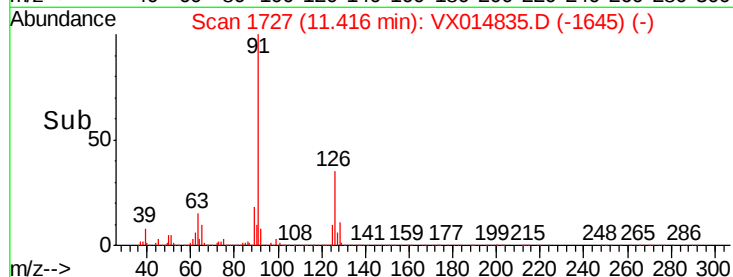
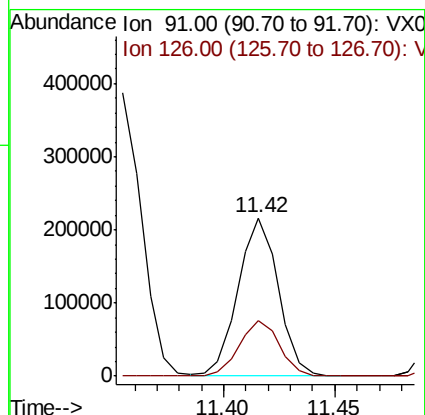
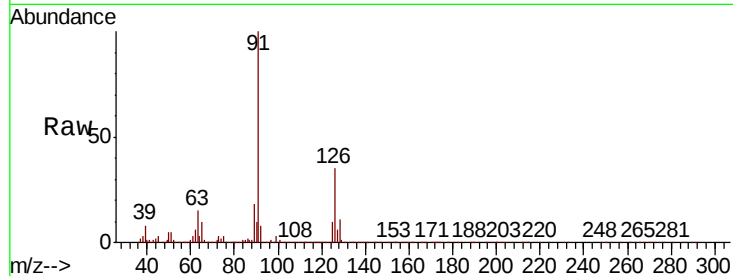
ClientSampled :

Tot Ion: 91 Resp: 273285

Ion Ratio Lower Upper

91 100

126 34.6 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 20.539 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014835.D

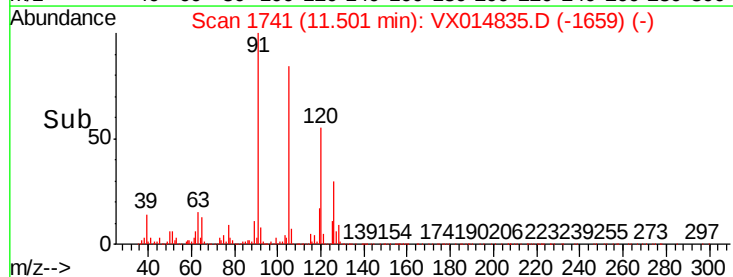
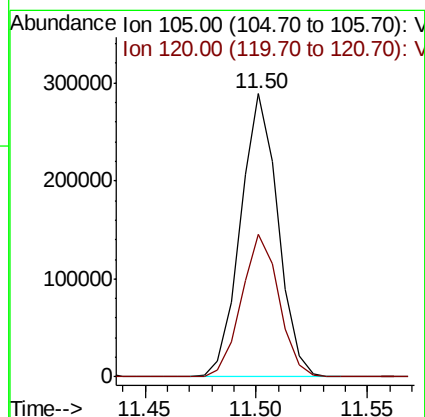
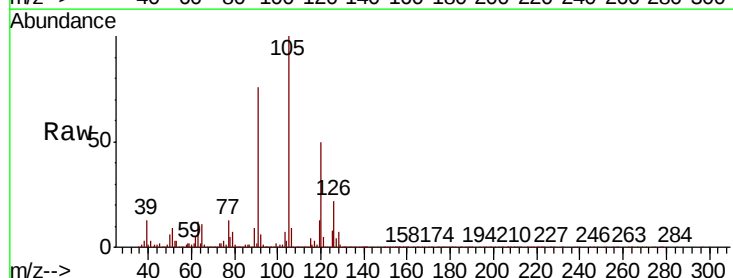
Acq: 05 Feb 2020 20:10

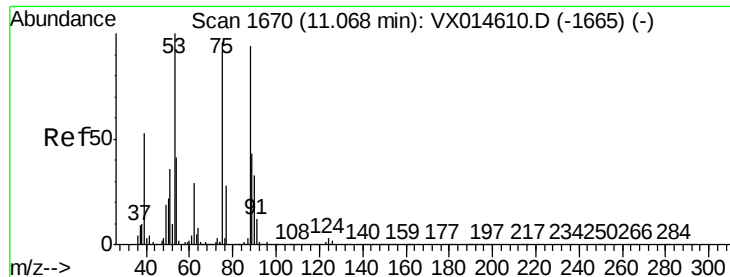
Tgt Ion: 105 Resp: 337963

Ion Ratio Lower Upper

105 100

120 50.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.942 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

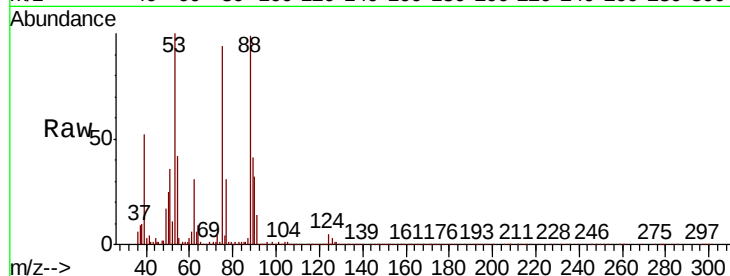
Tot Ion: 75 Resp: 41482

Ion Ratio Lower Upper

75 100

53 105.7 54.4 163.1

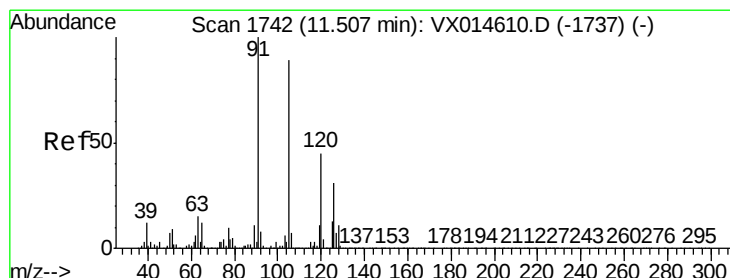
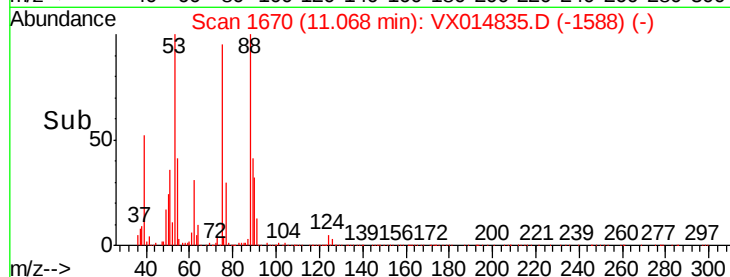
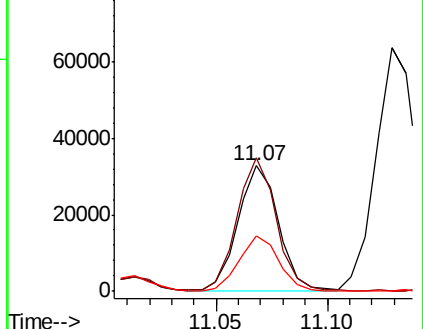
89 43.7 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.245 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014835.D

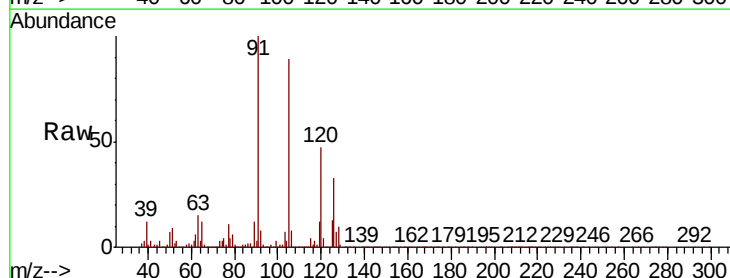
Acq: 05 Feb 2020 20:10

Tgt Ion: 91 Resp: 310935

Ion Ratio Lower Upper

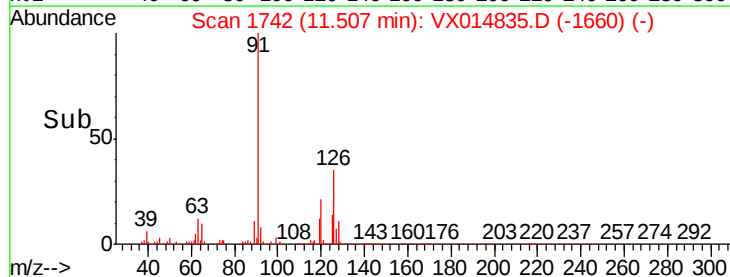
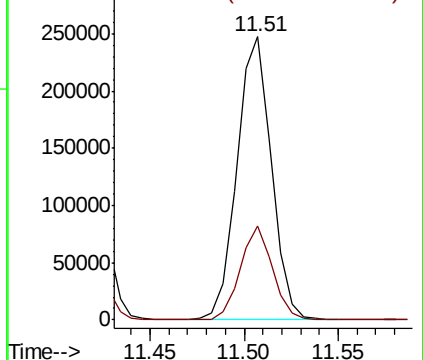
91 100

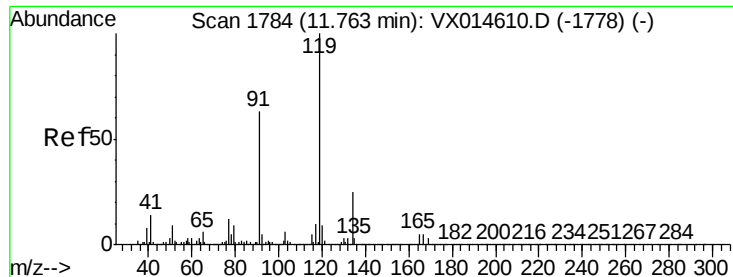
126 30.9 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

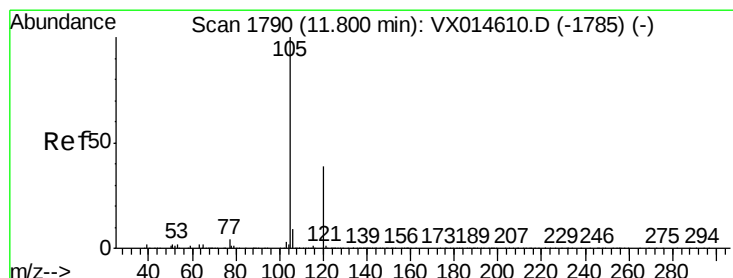
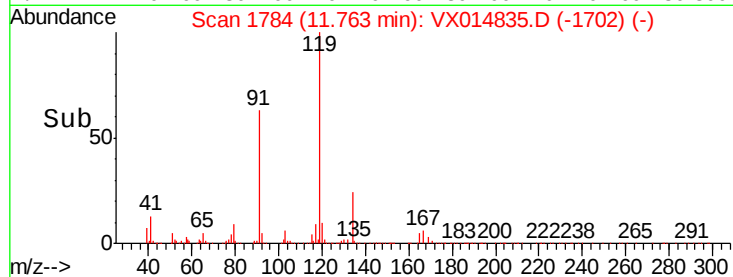
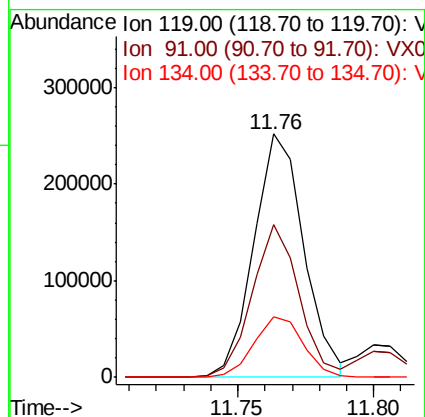
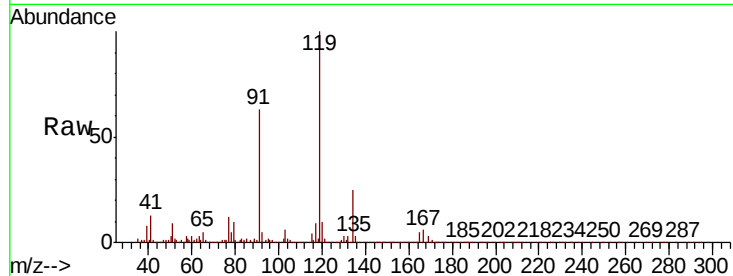




#79
tert-butylbenzene
Concen: 20.845 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

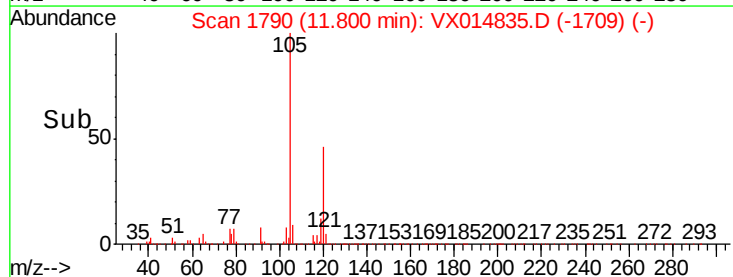
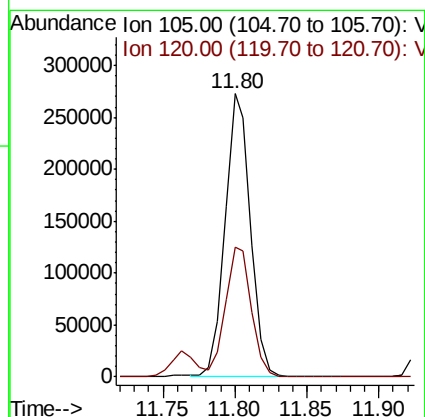
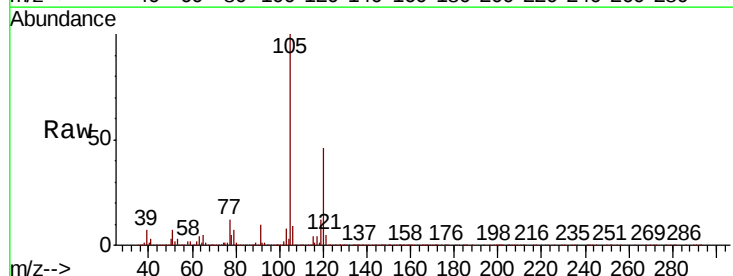
Instrument :
MSVOA_X
ClientSampleId :

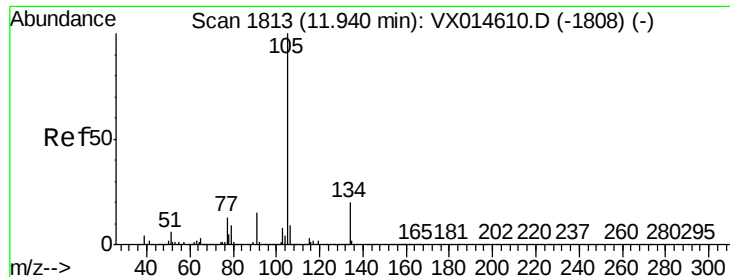
Tot Ion	:119	Resp	: 320950
Ion	Ratio	Lower	Upper
119	100		
91	58.9	0.0	112.6
134	24.7	0.0	49.8



#80
1,2,4-Trimethylbenzene
Concen: 20.607 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	:105	Resp	: 338203
Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	92.0

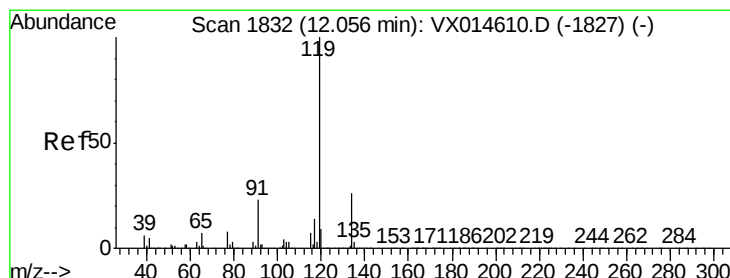
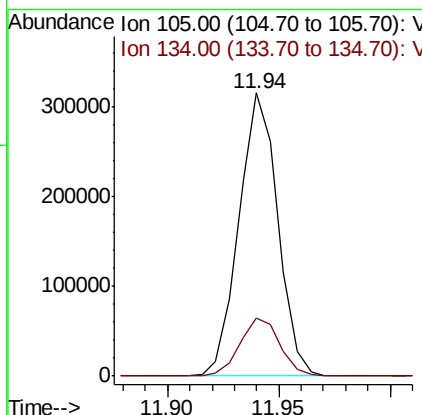
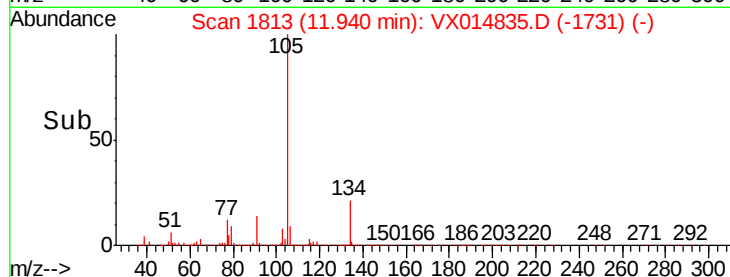
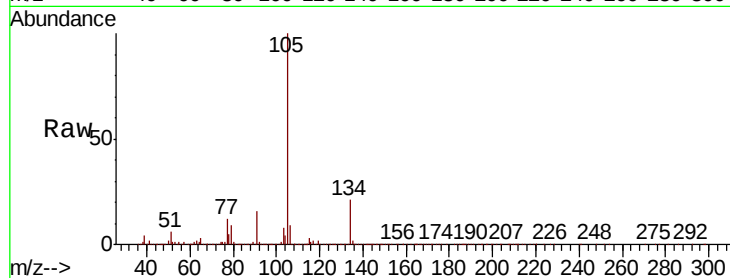




#81
 sec-Butylbenzene
 Concen: 20.158 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

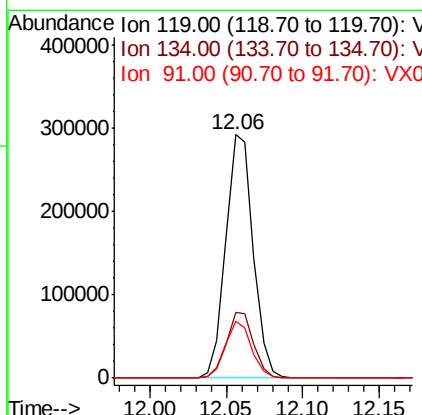
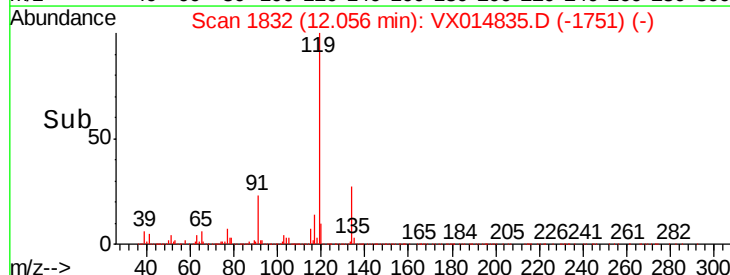
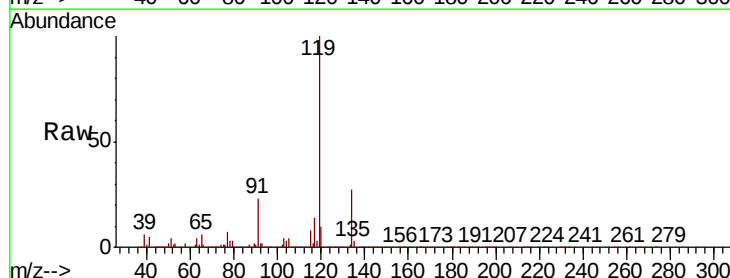
Instrument :
 MSVOA_X
 ClientSampleId :

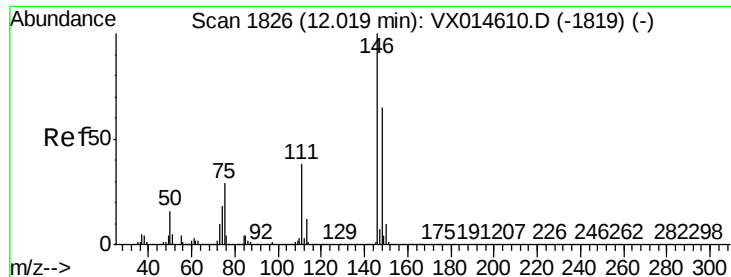
Tot Ion:105 Resp: 384057
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 20.776 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion:119 Resp: 361364
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.8
 91 22.3 0.0 45.0

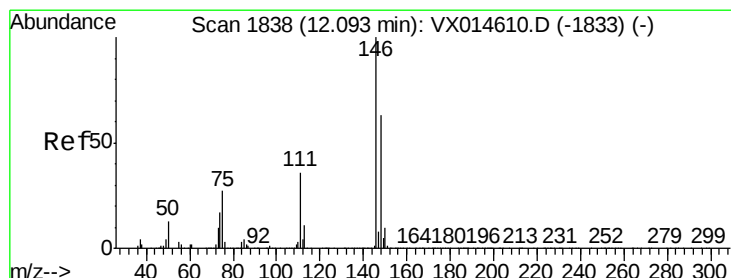
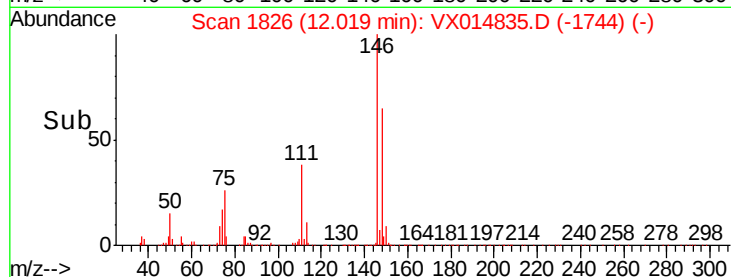
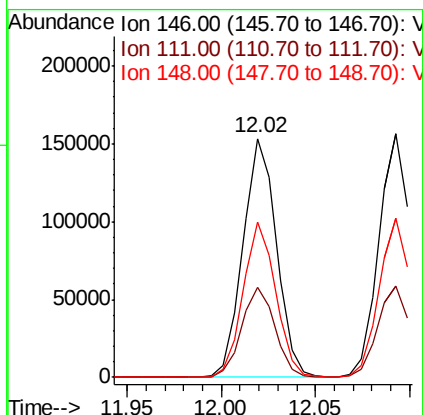
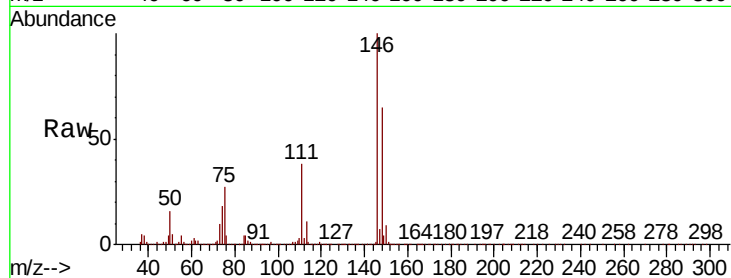




#83
 1,3-Dichlorobenzene
 Concen: 20.753 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

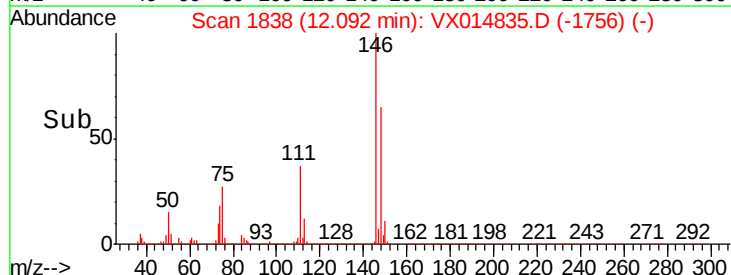
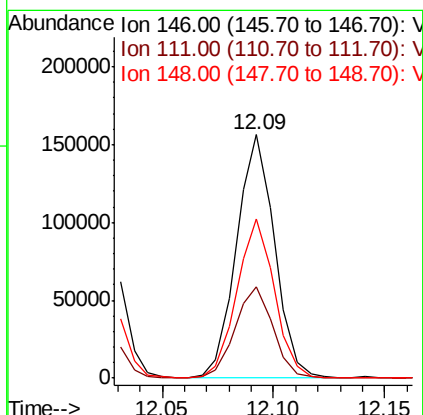
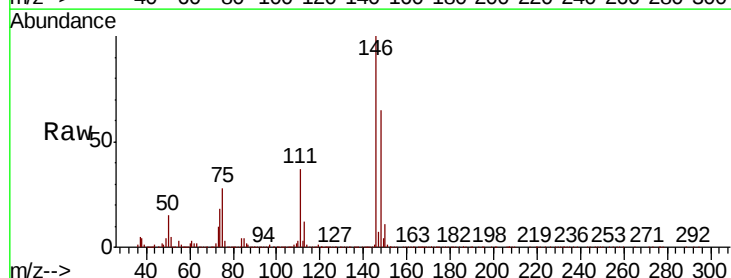
Instrument :
 MSVOA_X
 ClientSampleId :

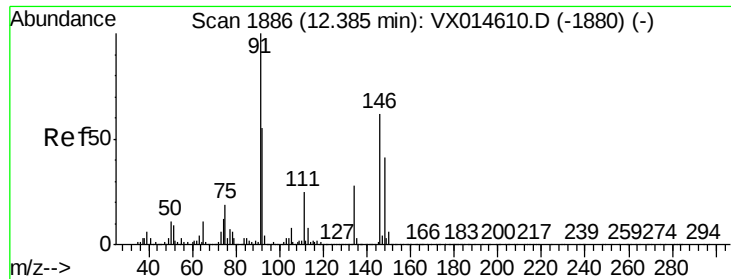
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.3	57.9
148	62.9	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.575 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.4
148	64.3	32.0	96.0

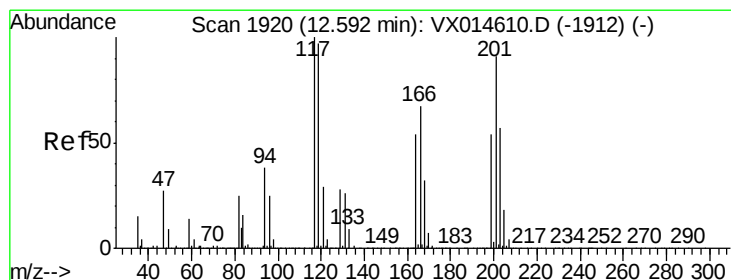
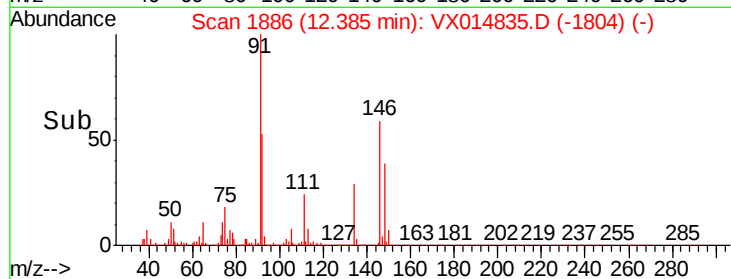
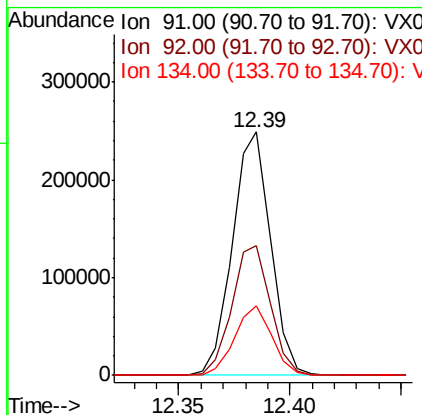
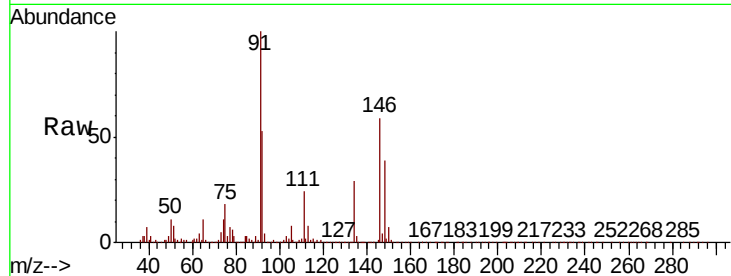




#85
n-Butylbenzene
Concen: 19.444 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

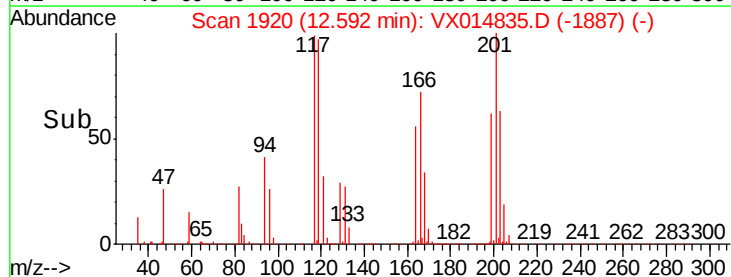
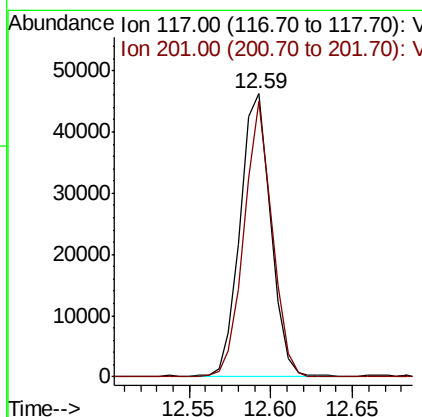
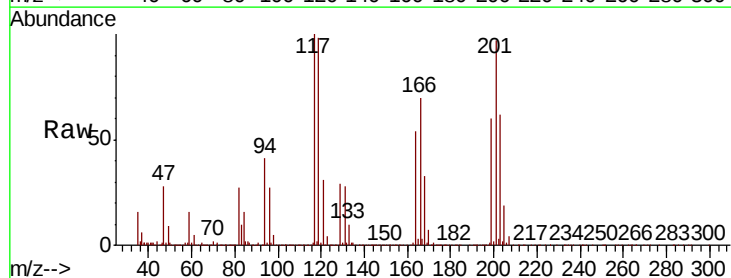
Instrument :
MSVOA_X
ClientSampleId :

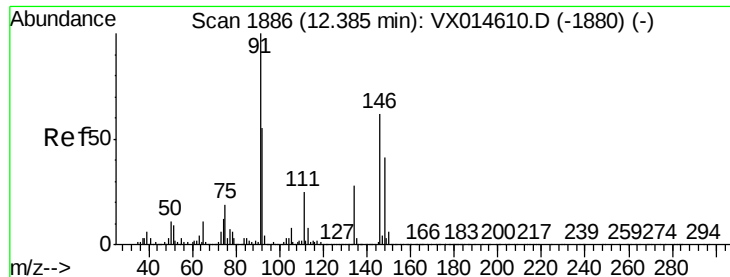
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	0.0	109.0
134	28.3	0.0	54.0



#86
Hexachloroethane
Concen: 19.433 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014835.D
Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	44.8	134.3

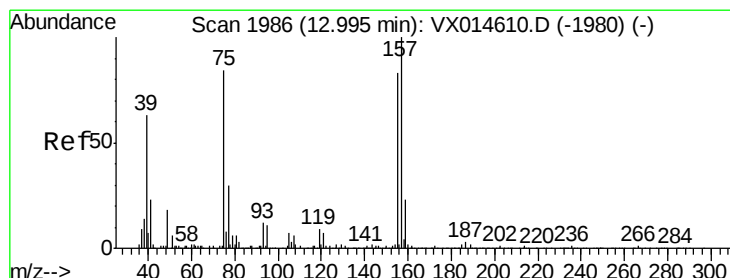
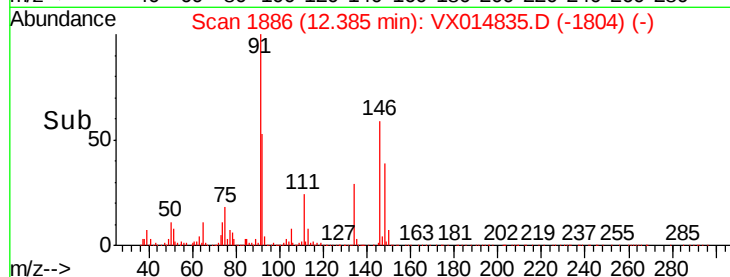
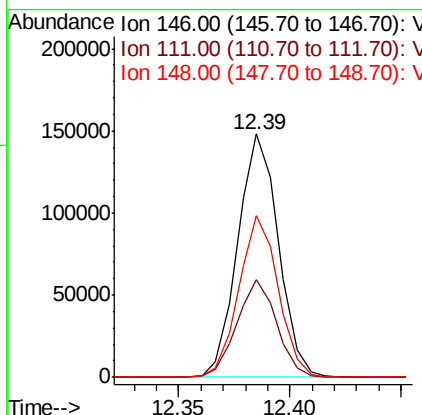
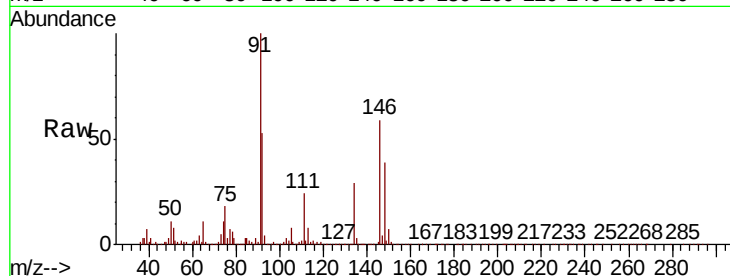




#87
 1,2-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

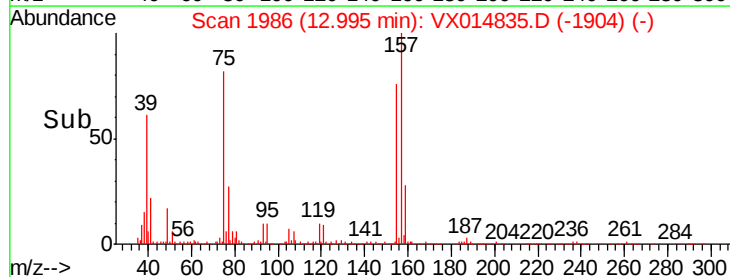
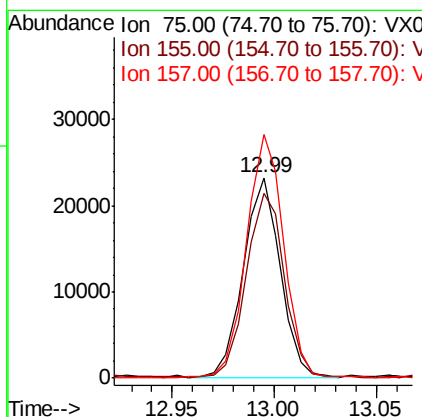
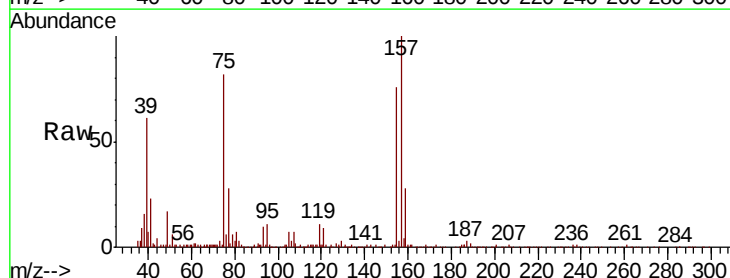
Instrument :
 MSVOA_X
 ClientSampleId :

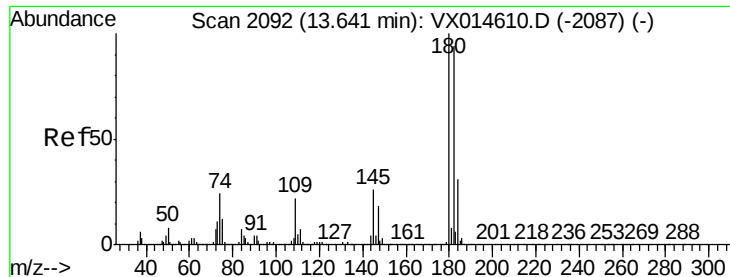
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	64.0	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.770 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	73.8	110.6
157	122.3	95.0	142.4

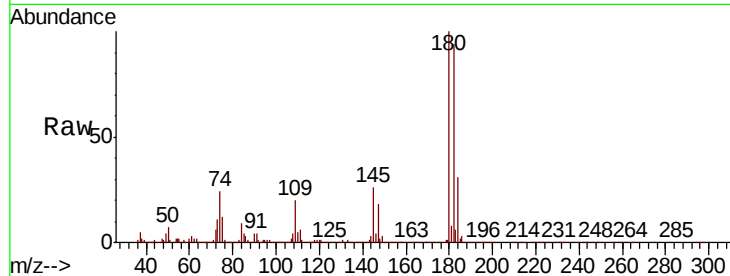




#89
 1,2,4-Trichlorobenzene
 Concen: 21.208 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	27.7	21.9	32.9

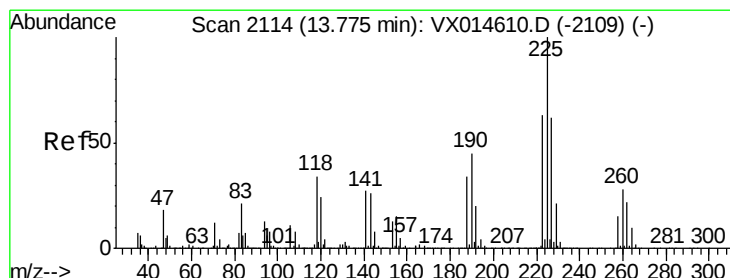
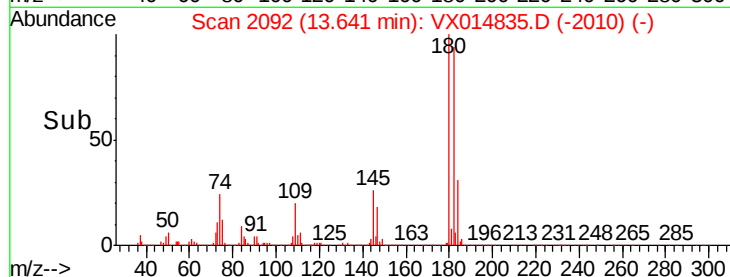
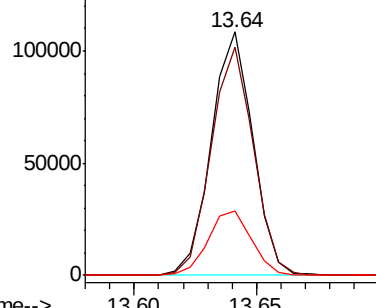


Abundance

Ion 180.00 (179.70 to 180.70): V

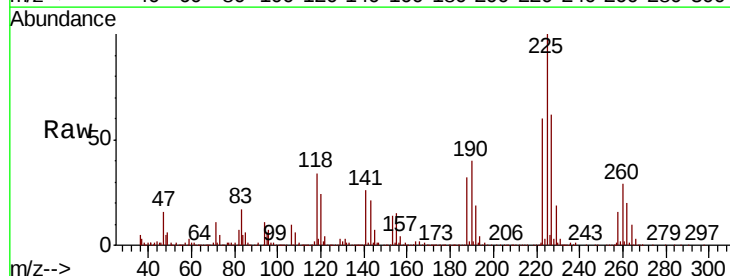
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 20.669 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014835.D
 Acq: 05 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	127.4
227	61.9	0.0	122.8

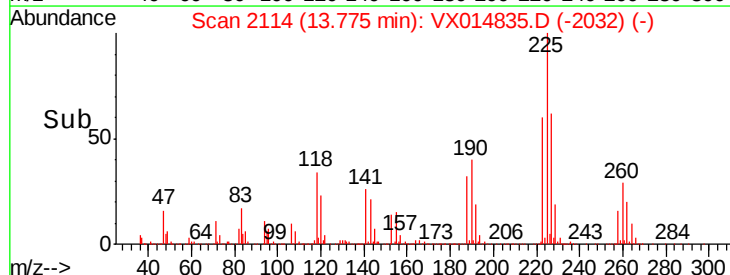
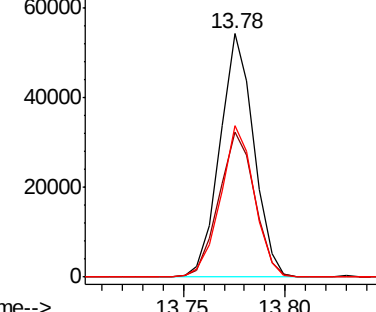


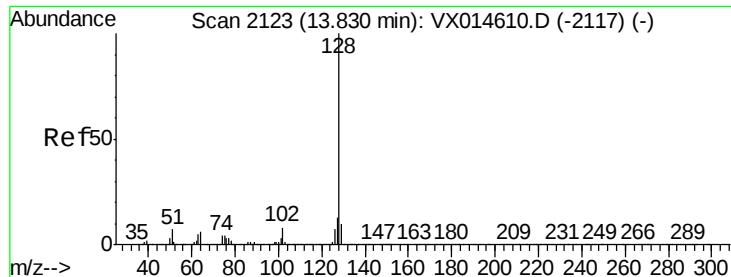
Abundance

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: 21.316 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

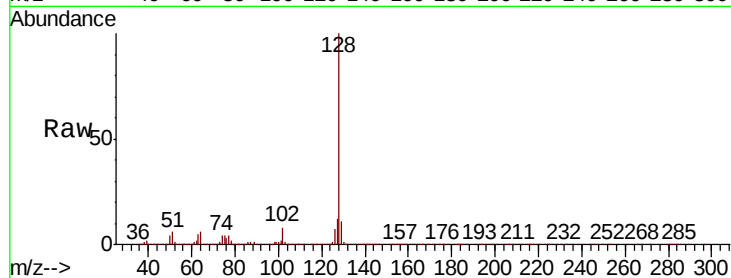
Tot Ion:128 Resp: 391704

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

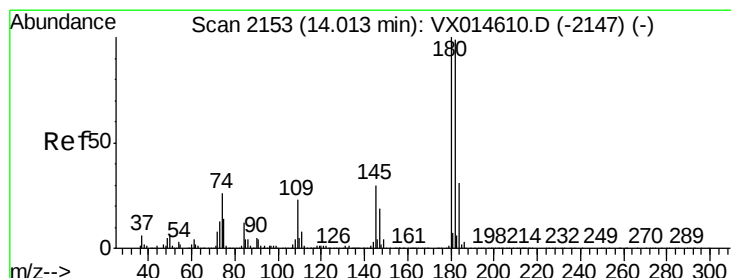
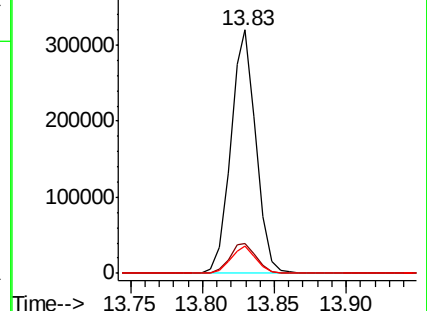
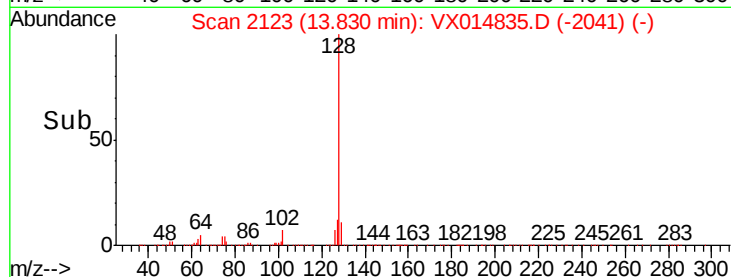
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.279 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014835.D

Acq: 05 Feb 2020 20:10

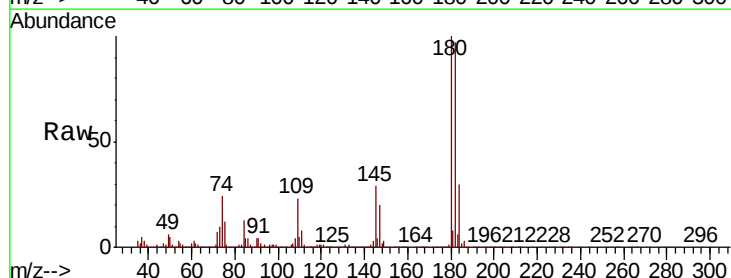
Tgt Ion:180 Resp: 131848

Ion Ratio Lower Upper

180 100

182 95.9 0.0 192.8

145 29.8 0.0 60.0



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

