

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011720\
 Data File : VX014643.D
 Acq On : 17 Jan 2020 09:46
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 05:22:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	72275	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	396551	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	359028	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155490	30.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.03%
60) 4-Bromofluorobenzene	11.13	95	177086	30.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.73%
63) Toluene-d8	8.71	98	499636	30.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	112306	22.484	ug/l 98
3) Chloromethane	1.32	50	116965	21.388	ug/l 95
4) Vinyl Chloride	1.40	62	132775	21.623	ug/l 100
5) Bromomethane	1.64	94	74288	19.388	ug/l 98
6) Chloroethane	1.72	64	74895	21.637	ug/l 97
7) Trichlorofluoromethane	1.92	101	143844	21.157	ug/l 98
8) Diethyl Ether	2.18	74	66718	22.466	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88813	22.328	ug/l 99
10) 1,1-Dichloroethene	2.37	96	85439	21.354	ug/l 99
11) Methyl Iodide	2.50	142	115394	21.506	ug/l 97
12) Methyl Acetate	2.76	43	167023	23.109	ug/l 100
13) Acrolein	2.28	56	66779	87.962	ug/l 95
14) Acrylonitrile	3.13	53	269118	108.818	ug/l 99
15) Acetone	2.43	58	66470	80.171	ug/l 90
16) Carbon Disulfide	2.56	76	228790	20.821	ug/l 99
17) Allyl chloride	2.72	41	153449	20.723	ug/l 95
18) Methylene Chloride	2.85	84	101026	21.575	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	93738	21.764	ug/l 97
20) Diisopropyl ether	3.84	45	326498	22.287	ug/l 93
21) 1,1-Dichloroethane	3.69	63	169511	21.299	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	108777	21.978	ug/l 98
23) tert-Butyl Alcohol	3.02	59	107489	105.094	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	298303	22.403	ug/l 100
25) Chloroform	5.20	83	168321	21.833	ug/l 97
26) Cyclohexane	5.56	56	158189	21.548	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	127870	21.987	ug/l 99
30) 2-Butanone	4.65	43	374000	101.519	ug/l 100
31) 2,2-Dichloropropane	4.57	77	134160	21.559	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	140876	21.895	ug/l 98
33) Carbon Tetrachloride	5.78	117	118599	21.471	ug/l 98
34) Benzene	6.13	78	391204	21.768	ug/l 96
35) Methacrylonitrile	5.03	41	80202	21.798	ug/l 92
36) 1,2-Dichloroethane	6.18	62	139530	22.310	ug/l 98
37) Trichloroethene	7.20	130	109742	22.302	ug/l 95
38) Methylcyclohexane	7.45	83	159187	21.984	ug/l 99
39) 1,2-Dichloropropane	7.50	63	101614	21.744	ug/l 94
40) Dibromomethane	7.65	93	66020	21.982	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	126627	21.530	ug/l	98
42) Vinyl Acetate	3.80	43	1159458	102.110	ug/l	99
43) Ethyl Acetate	4.82	43	143853	21.570	ug/l	99
44) Isopropyl Acetate	6.43	43	234762	21.821	ug/l	99
45) 1,4-Dioxane	7.73	88	48069	446.664	ug/l	99
46) Methyl methacrylate	7.76	41	115190	21.772	ug/l	97
47) n-amyl Acetate	10.89	43	193954	21.516	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	141762	22.078	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	158748	21.941	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	100958	22.092	ug/l	96
51) Ethyl methacrylate	9.17	69	154862	21.764	ug/l	97
52) 1,3-Dichloropropane	9.37	76	172101	22.227	ug/l	99
53) Dibromochloromethane	9.57	129	104169	22.285	ug/l	97
54) 1,2-Dibromoethane	9.67	107	106056	22.377	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	341072	104.297	ug/l	100
56) Bromoform	10.85	173	75384	20.937	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	752788	111.341	ug/l	100
59) 2-Hexanone	9.48	43	590760	112.979	ug/l	99
61) Tetrachloroethene	9.33	164	124508	23.463	ug/l	94
62) Toluene	8.78	91	423647	22.241	ug/l	100
64) Chlorobenzene	10.13	112	264927	22.280	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	97781	22.265	ug/l	99
66) Ethyl Benzene	10.25	91	454464	21.904	ug/l	97
67) m/p-Xylenes	10.35	106	350820	44.144	ug/l	100
68) o-Xylene	10.70	106	169309	21.878	ug/l	99
69) Styrene	10.71	104	289054	22.045	ug/l	98
70) Isopropylbenzene	11.01	105	454923	22.439	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	141472	20.716	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	174419	29.858	ug/l	94
73) Bromobenzene	11.25	156	118150	21.984	ug/l	99
74) n-propylbenzene	11.35	91	519142	22.409	ug/l	99
75) 2-Chlorotoluene	11.42	91	306787	22.096	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	377988	22.375	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	48439	21.545	ug/l	95
78) 4-Chlorotoluene	11.51	91	349667	22.176	ug/l	98
79) tert-butylbenzene	11.76	119	346251	21.905	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	376797	22.363	ug/l	99
81) sec-Butylbenzene	11.94	105	426443	21.802	ug/l	98
82) p-Isopropyltoluene	12.06	119	399142	22.353	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	209558	22.332	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	210667	22.644	ug/l	98
85) n-Butylbenzene	12.38	91	341717	21.872	ug/l	100
86) Hexachloroethane	12.59	117	67853	21.190	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	207858	21.953	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	30785	21.103	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	141045	22.568	ug/l	98
90) Hexachlorobutadiene	13.77	225	69968	22.405	ug/l	98
91) Naphthalene	13.83	128	414103	21.950	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	140857	22.143	ug/l	99

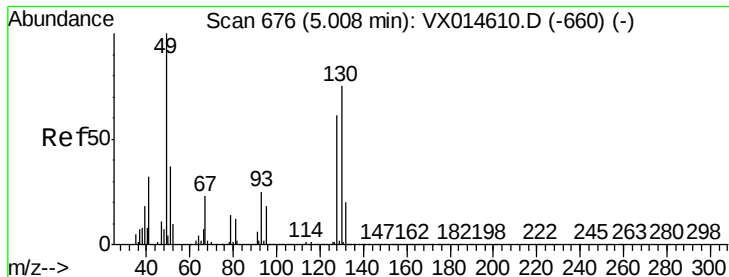
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampled :

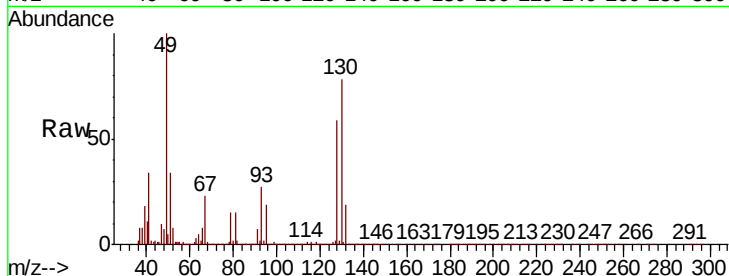
Tot Ion:128 Resp: 72275

Ion Ratio Lower Upper

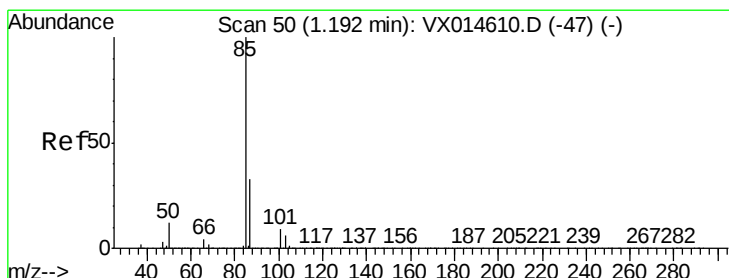
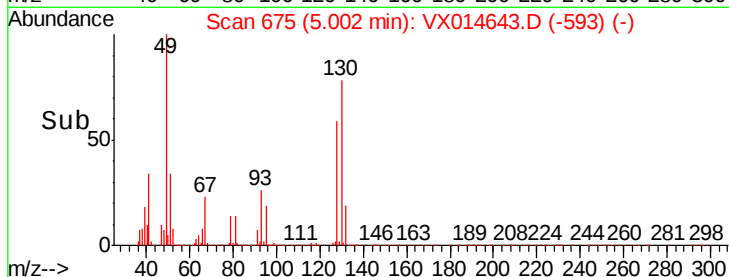
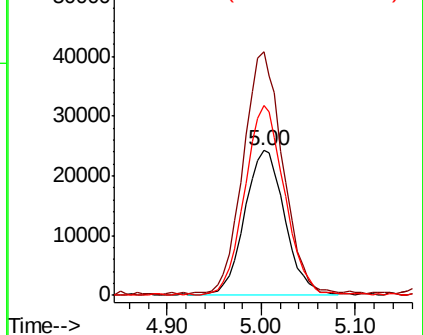
128 100

49 162.8 0.0 405.0

130 129.2 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: 22.484 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014643.D

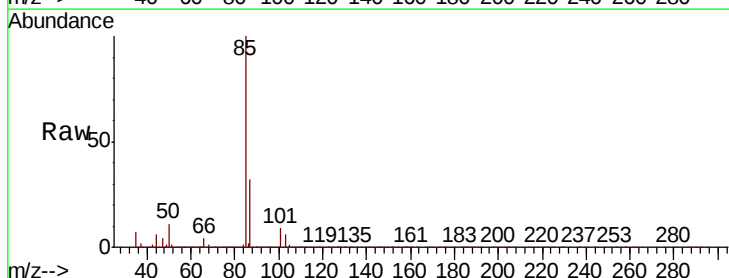
Acq: 17 Jan 2020 09:46

Tgt Ion: 85 Resp: 112306

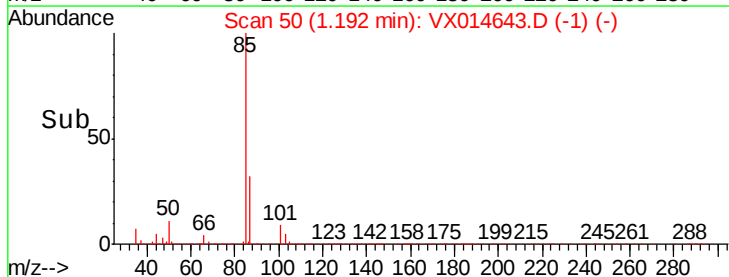
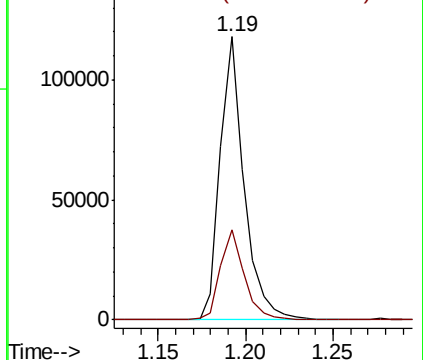
Ion Ratio Lower Upper

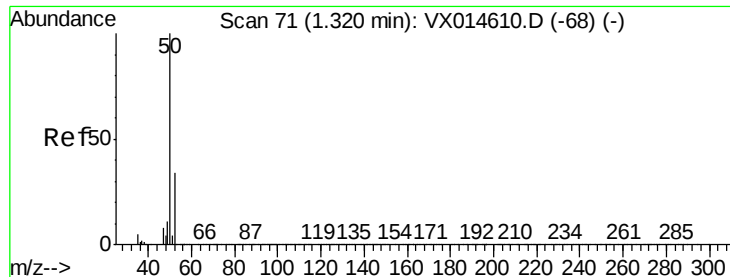
85 100

87 31.7 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

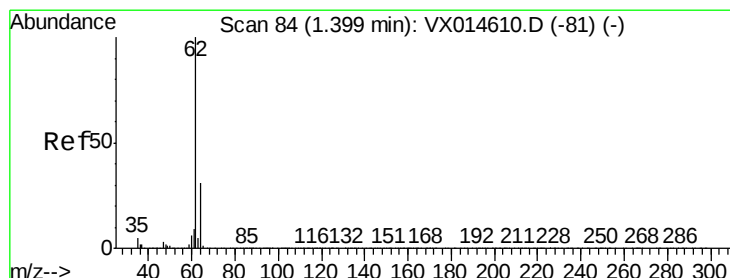
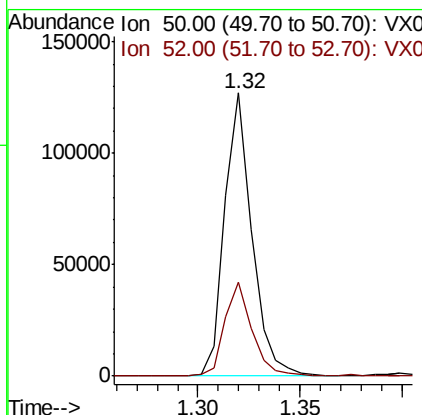
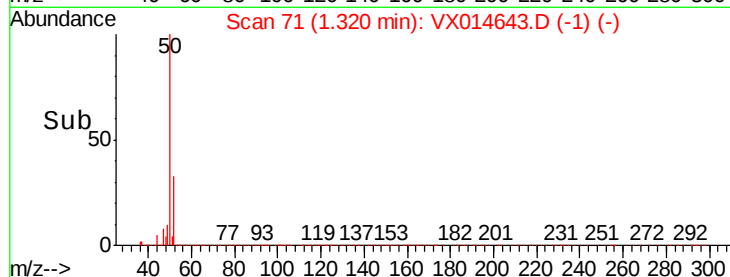
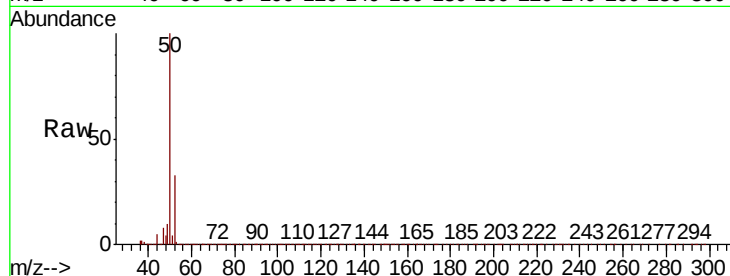




#3
Chloromethane
Concen: 21.388 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

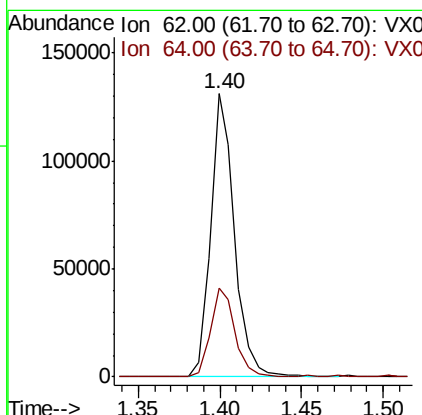
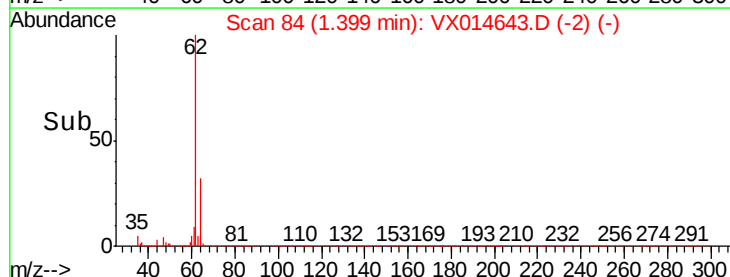
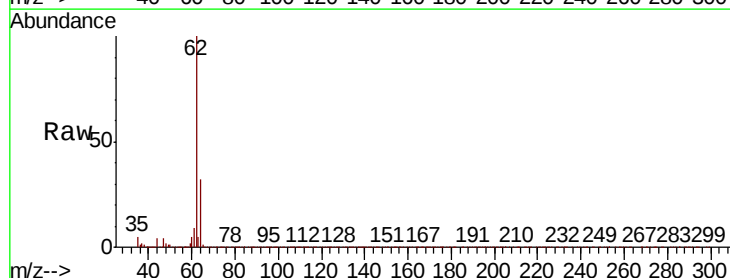
Instrument :
MSVOA_X
ClientSampled :

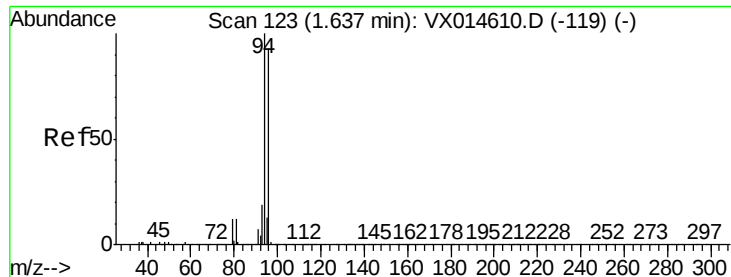
Tot Ion: 50 Resp: 116965
Ion Ratio Lower Upper
50 100
52 33.0 24.3 36.5



#4
Vinyl Chloride
Concen: 21.623 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 62 Resp: 132775
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5

Bromomethane

Concen: 19.388 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

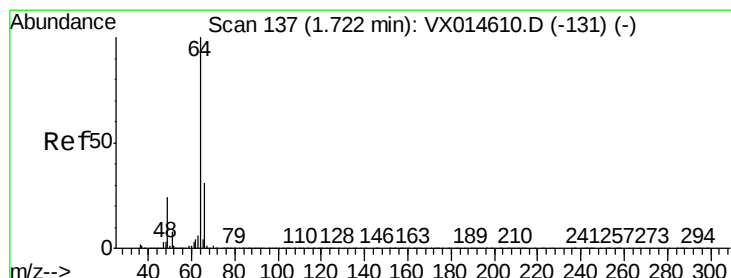
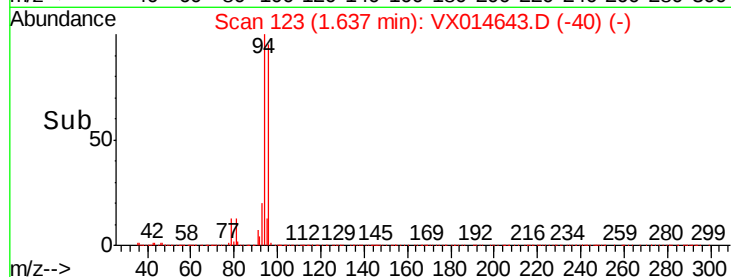
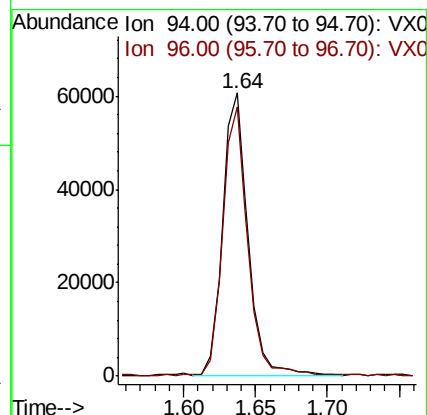
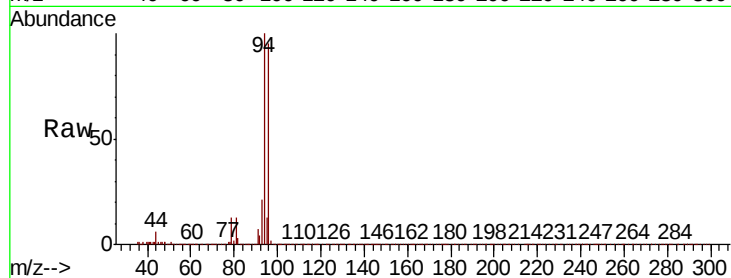
ClientSampleId :

Tot Ion: 94 Resp: 74288

Ion Ratio Lower Upper

94 100

96 94.8 74.4 111.6



#6

Chloroethane

Concen: 21.637 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014643.D

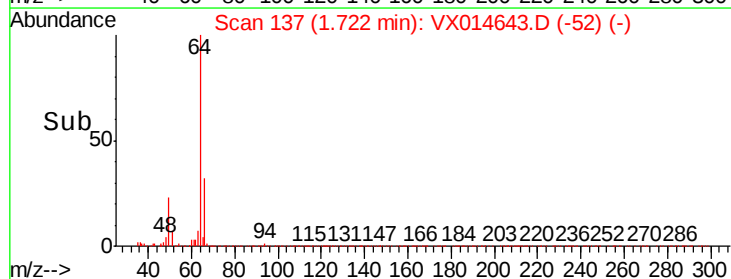
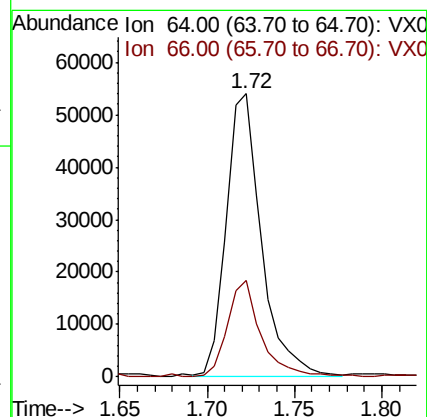
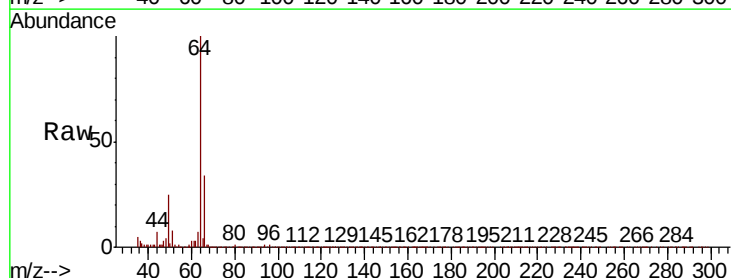
Acq: 17 Jan 2020 09:46

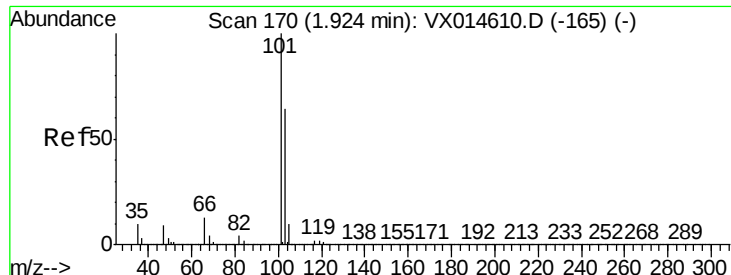
Tgt Ion: 64 Resp: 74895

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8



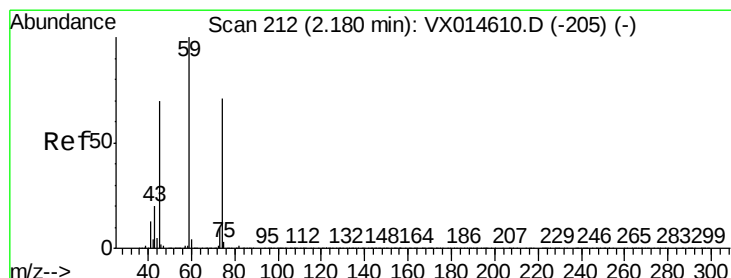
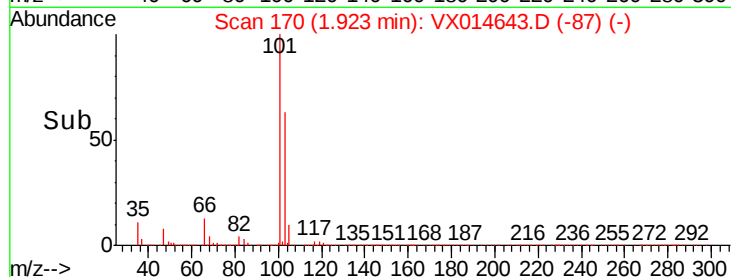
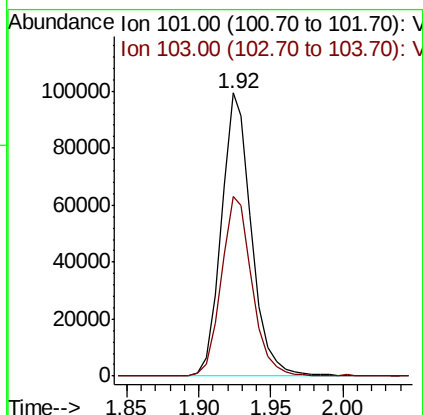
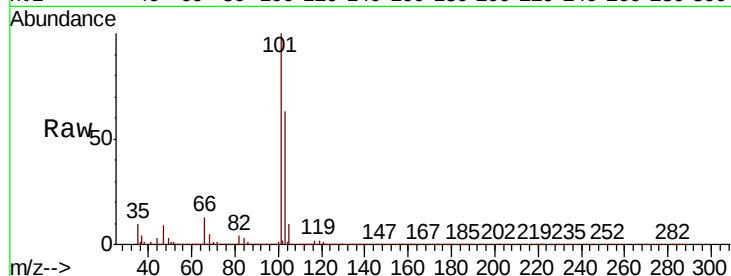


#7

Trichlorofluoromethane
Concen: 21.157 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampled :

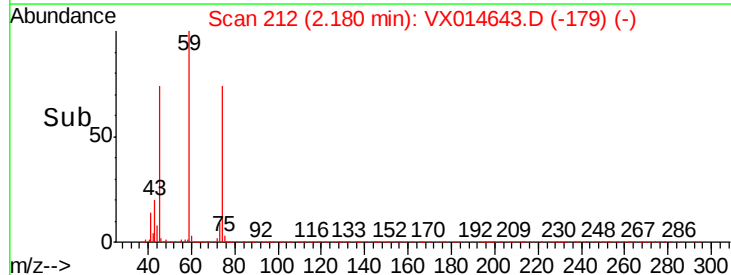
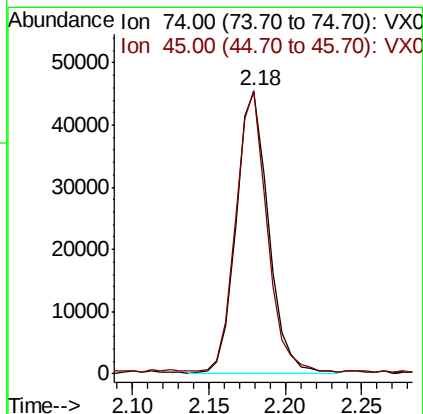
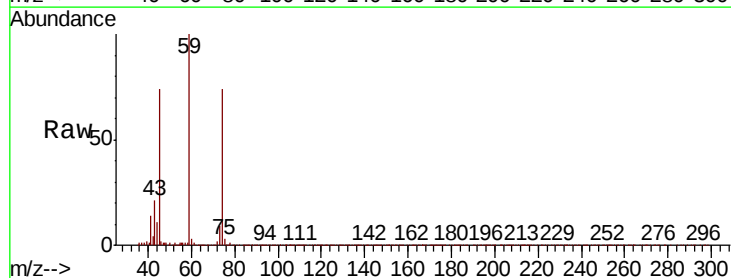
Tot Ion:101 Resp: 143844
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

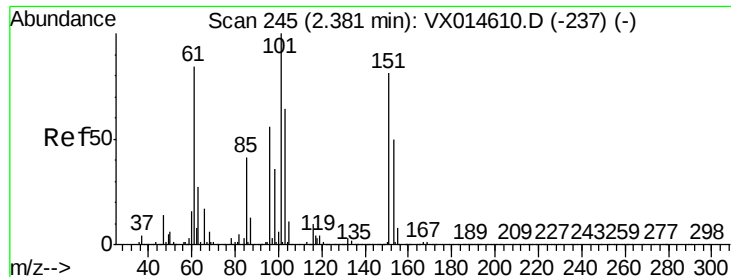


#8

Diethyl Ether
Concen: 22.466 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 74 Resp: 66718
Ion Ratio Lower Upper
74 100
45 95.9 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.328 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

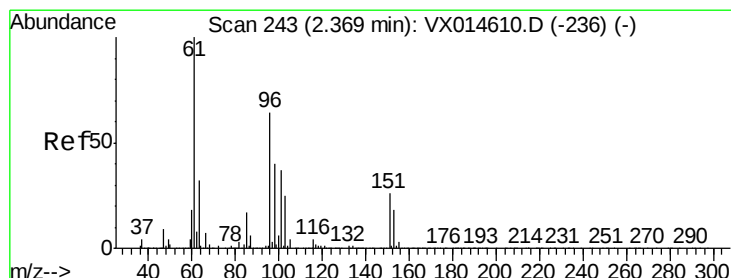
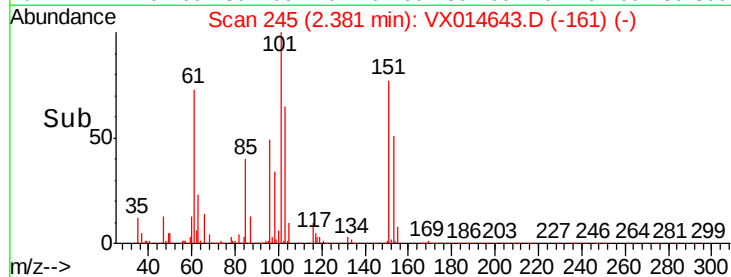
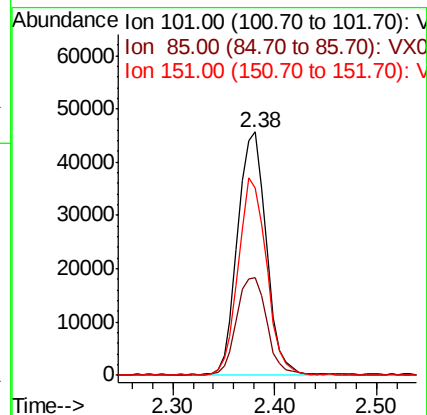
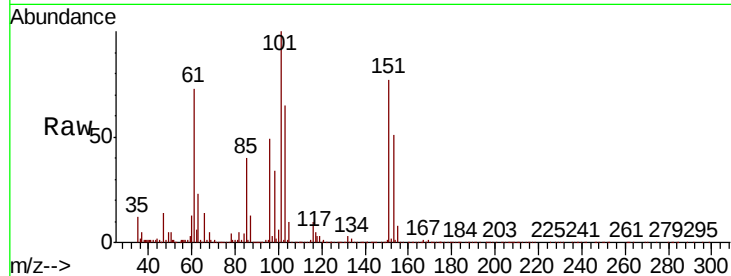
Tot Ion:101 Resp: 88813

Ion Ratio Lower Upper

101 100

85 41.8 0.0 85.6

151 80.5 0.0 159.4



#10

1,1-Dichloroethene

Concen: 21.354 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

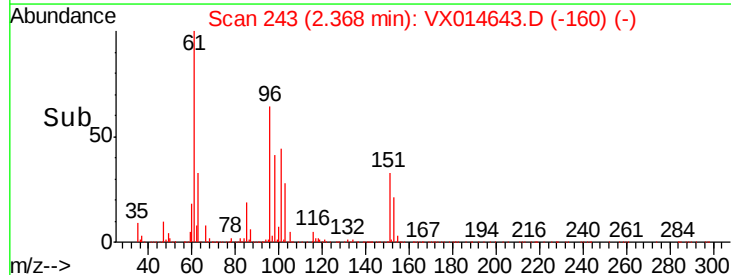
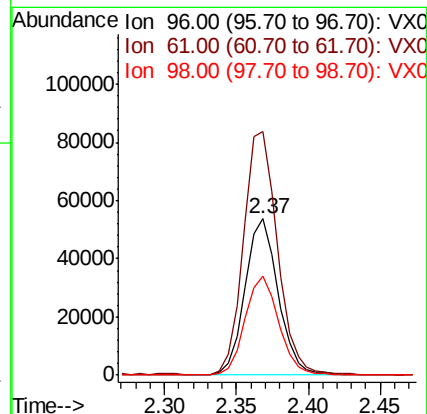
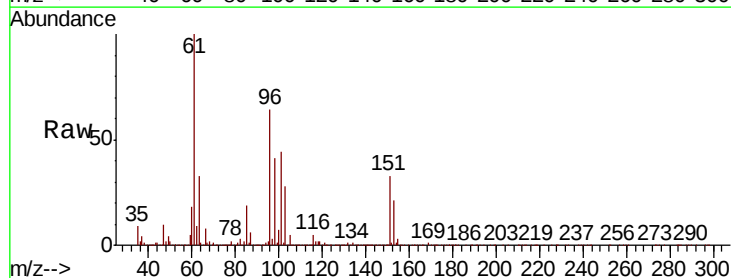
Tgt Ion: 96 Resp: 85439

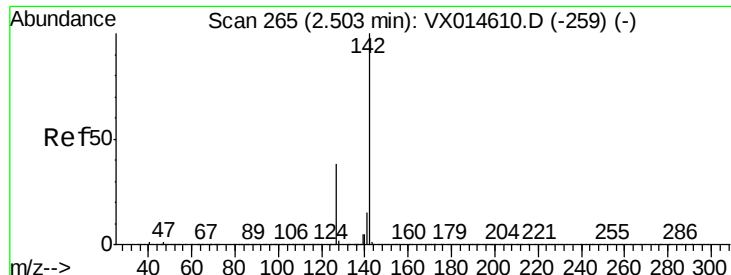
Ion Ratio Lower Upper

96 100

61 155.5 123.0 184.6

98 63.2 51.4 77.0

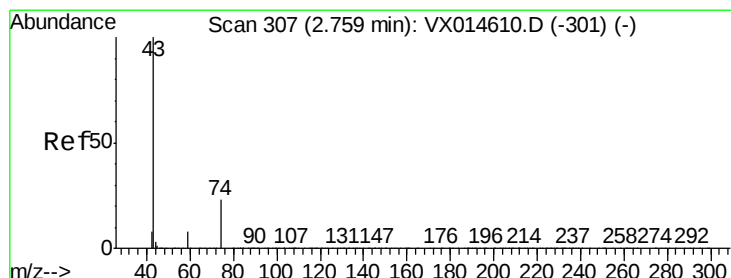
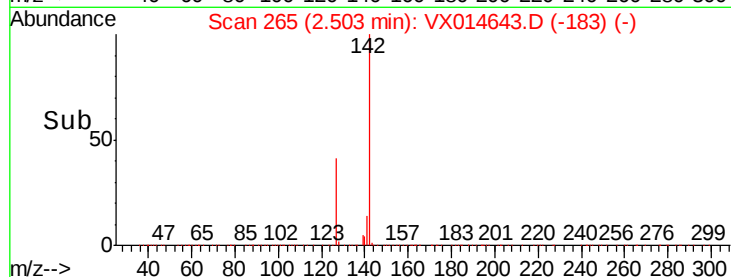
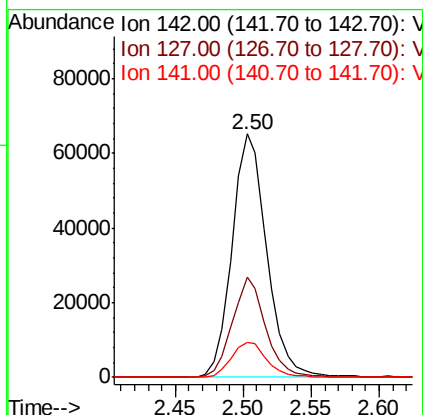
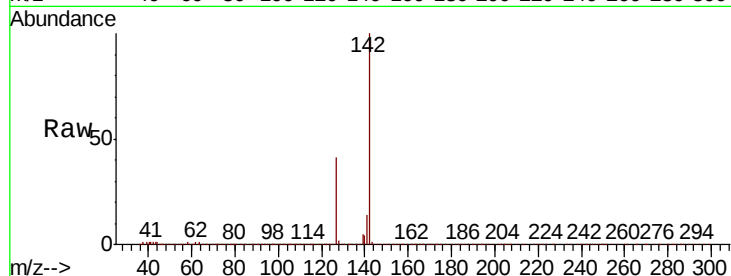




#11
Methvl Iodide
Concen: 21.506 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

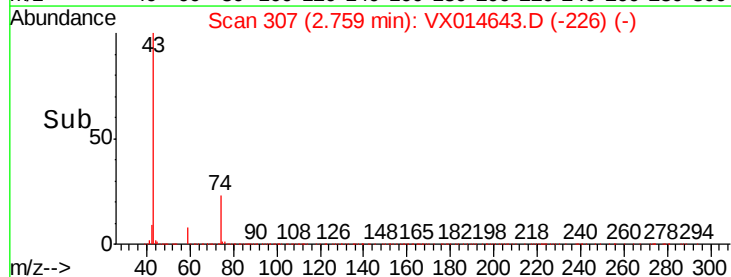
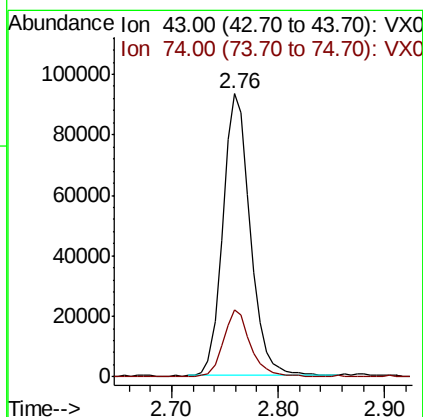
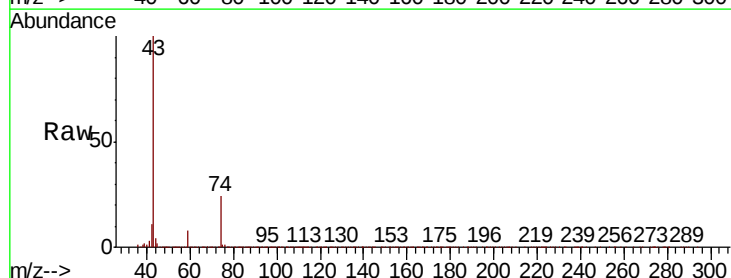
Instrument :
MSVOA_X
ClientSampleId :

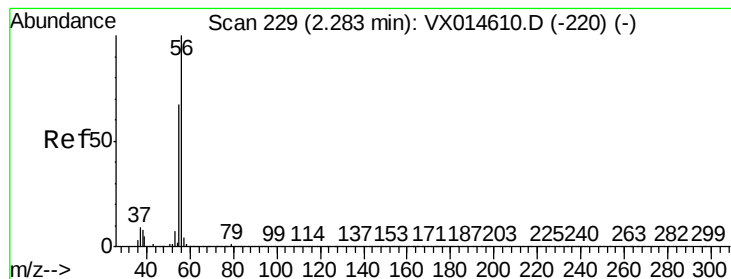
Tot Ion:142 Resp: 115394
Ion Ratio Lower Upper
142 100
127 41.2 19.5 58.5
141 14.3 7.0 20.9



#12
Methyl Acetate
Concen: 23.109 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 43 Resp: 167023
Ion Ratio Lower Upper
43 100
74 23.3 18.5 27.7





#13

Acrolein

Concen: 87.962 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

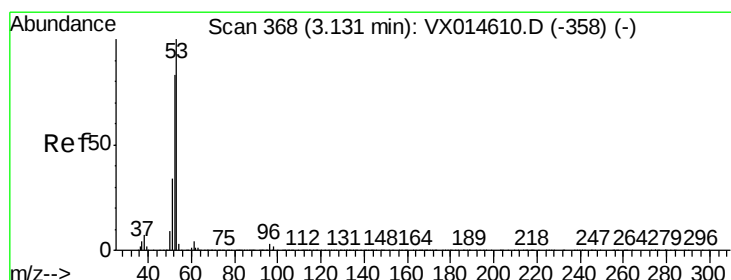
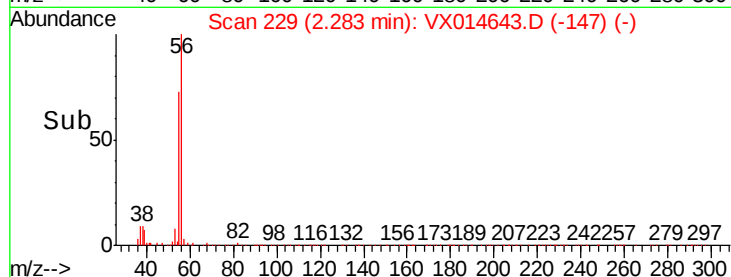
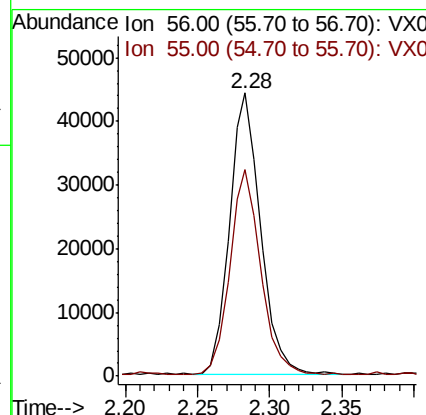
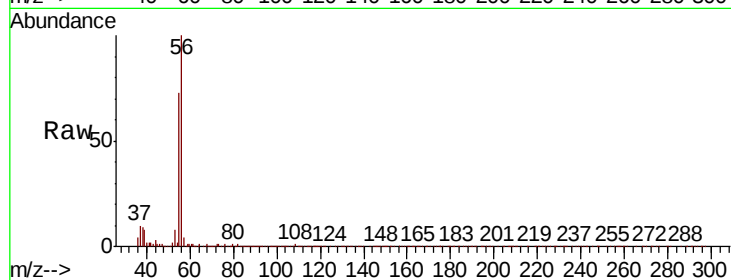
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 66779

Ion Ratio Lower Upper

56 100

55 72.5 54.9 82.3



#14

Acrylonitrile

Concen: 108.818 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

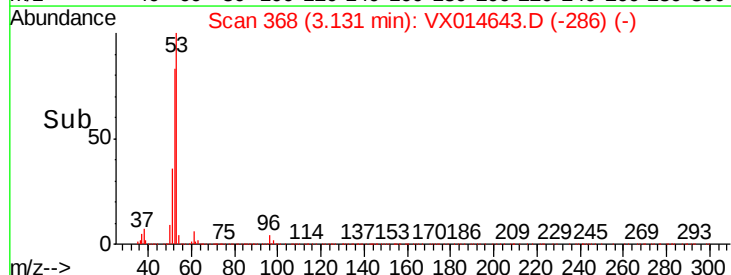
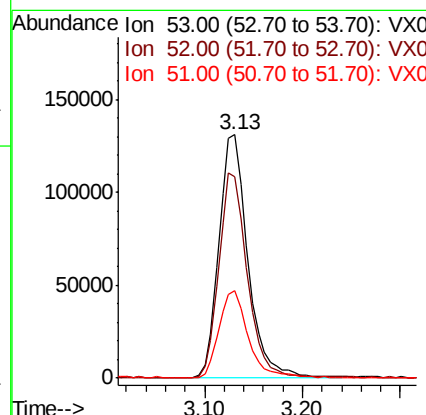
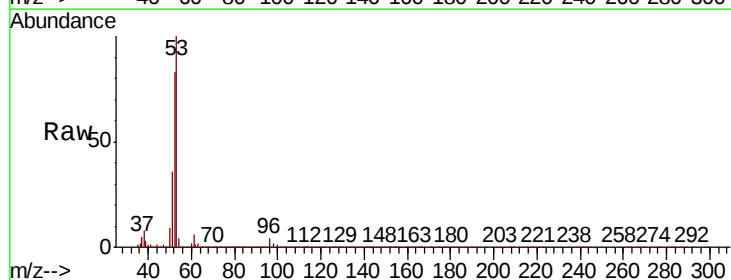
Tgt Ion: 53 Resp: 269118

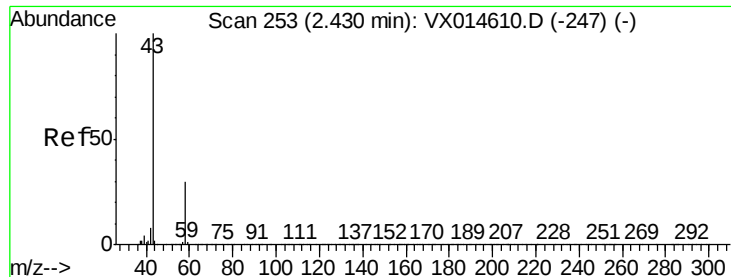
Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

51 36.4 17.8 53.5

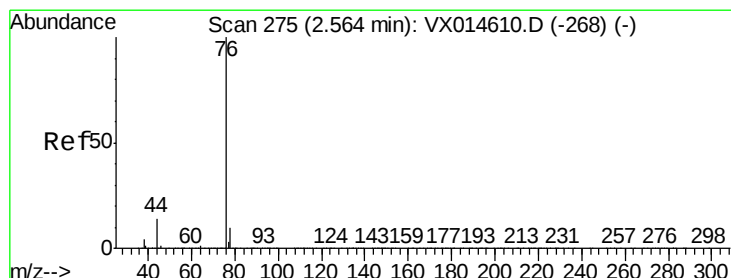
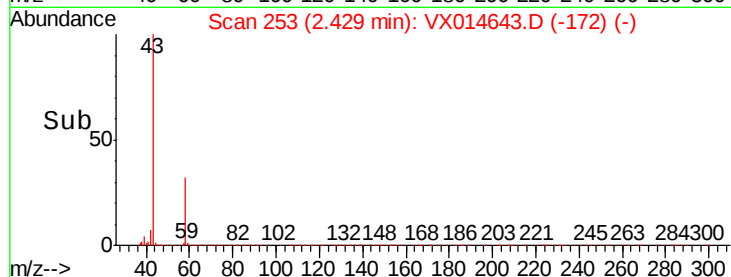
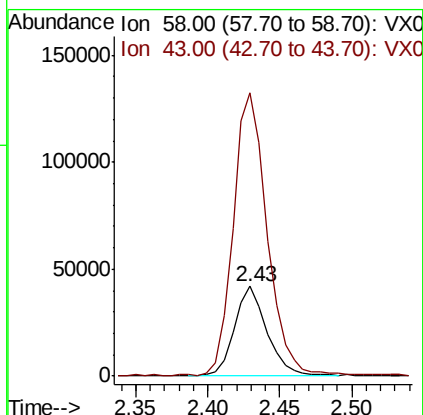
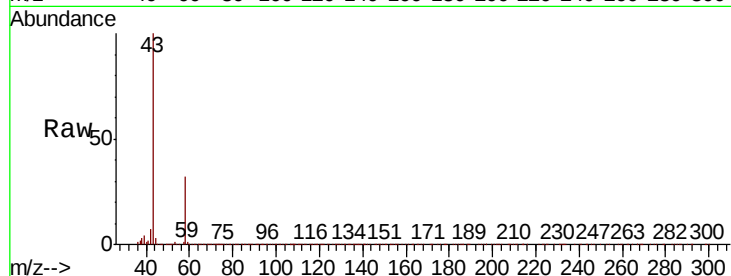




#15
Acetone
Concen: 80.171 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

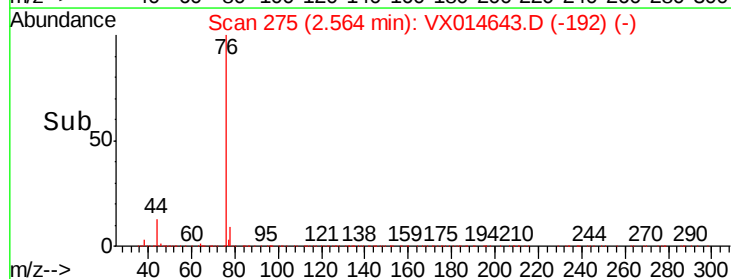
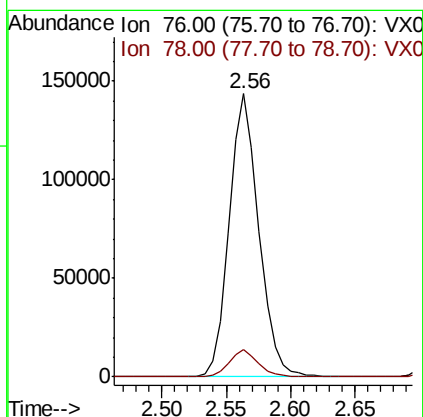
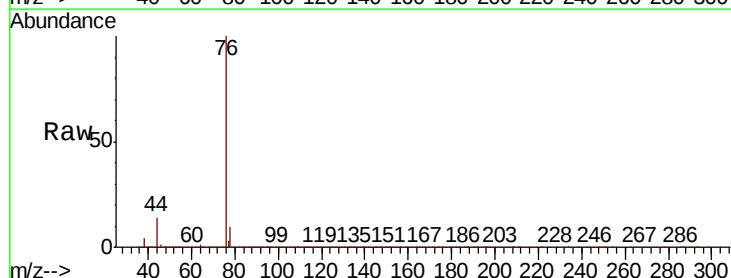
Instrument :
MSVOA_X
ClientSampled :

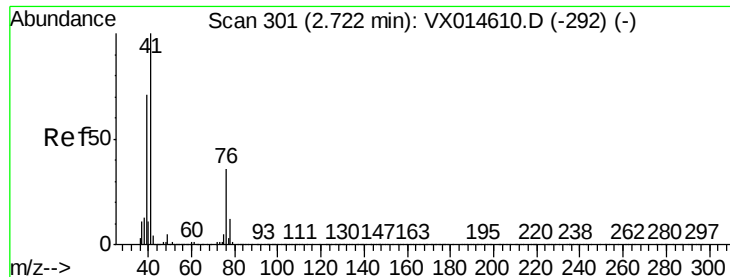
Tot Ion: 58 Resp: 66470
Ion Ratio Lower Upper
58 100
43 313.9 236.3 354.5



#16
Carbon Disulfide
Concen: 20.821 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 76 Resp: 228790
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8

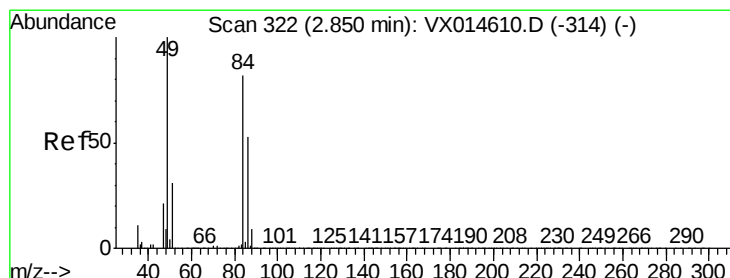
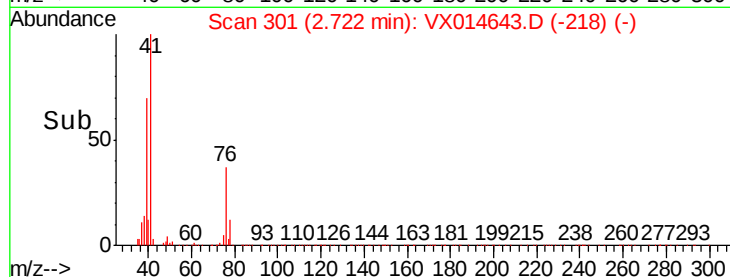
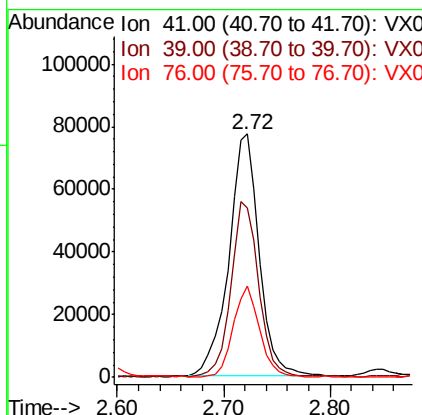
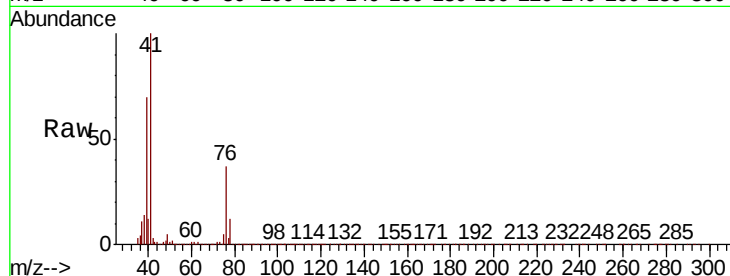




#17
Allvl chloride
Concen: 20.723 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

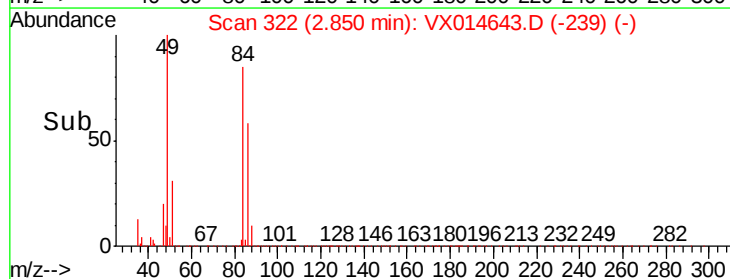
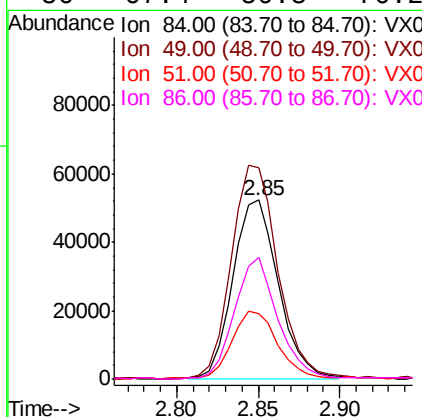
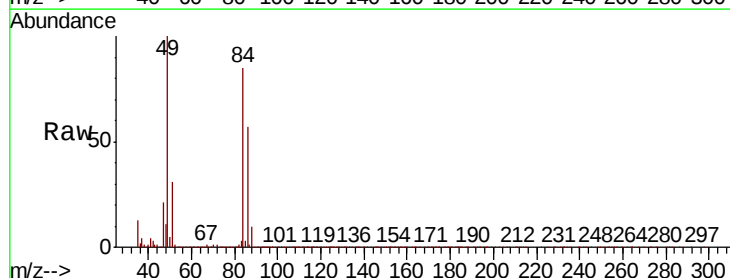
Instrument :
MSVOA_X
ClientSampleId :

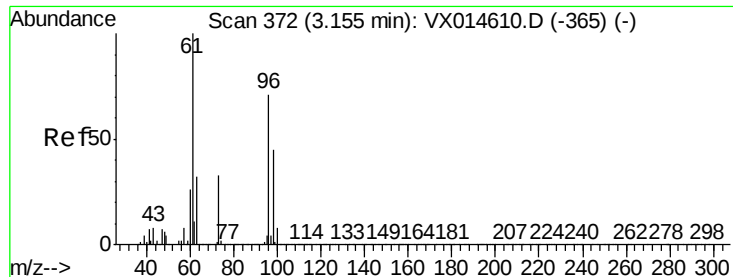
Tot Ion: 41 Resp: 153449
Ion Ratio Lower Upper
41 100
39 69.8 33.4 100.2
76 37.4 17.0 50.9



#18
Methylene Chloride
Concen: 21.575 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 84 Resp: 101026
Ion Ratio Lower Upper
84 100
49 118.0 102.2 153.2
51 36.2 31.4 47.0
86 67.4 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 21.764 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

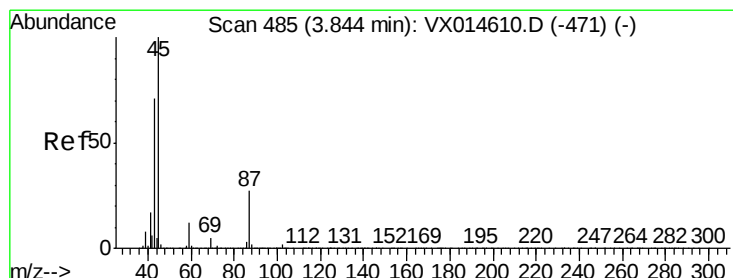
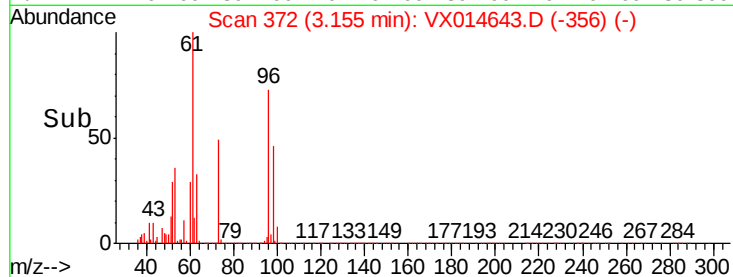
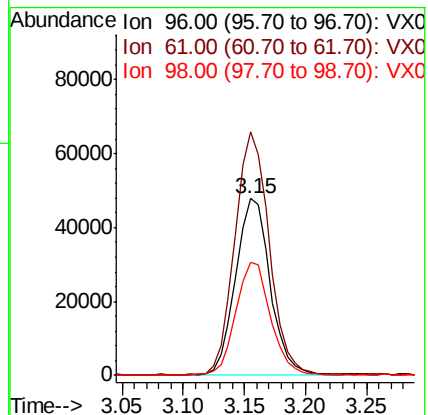
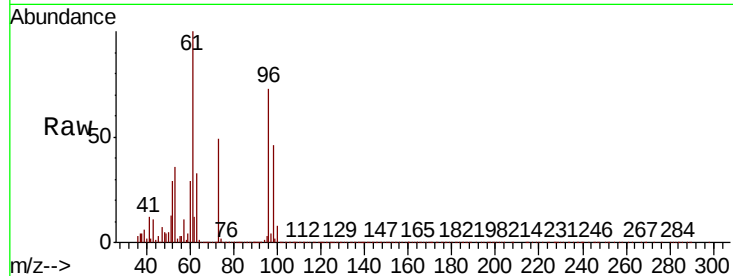
Tot Ion: 96 Resp: 93738

Ion Ratio Lower Upper

96 100

61 137.1 106.6 159.8

98 63.6 51.6 77.4



#20

Diisopropyl ether

Concen: 22.287 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Tgt Ion: 45 Resp: 326498

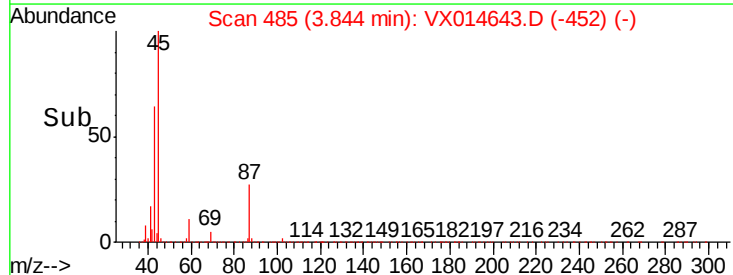
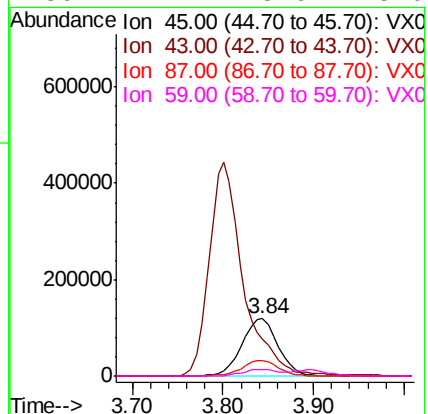
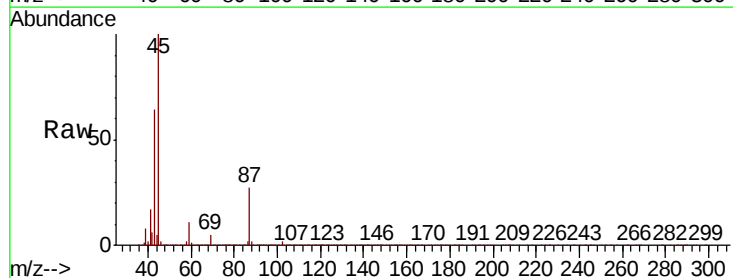
Ion Ratio Lower Upper

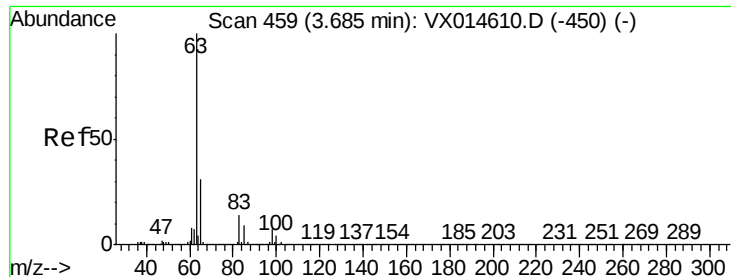
45 100

43 61.8 55.9 83.9

87 27.0 22.2 33.2

59 11.1 8.6 13.0





#21

1,1-Dichloroethane

Concen: 21.299 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

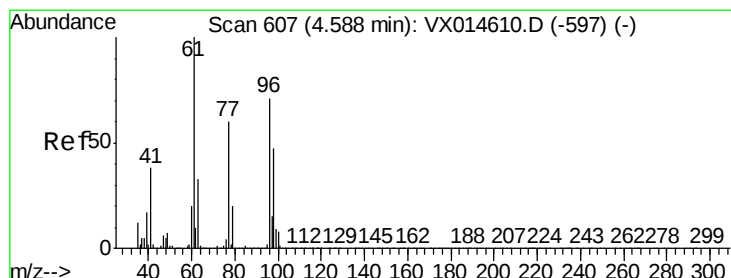
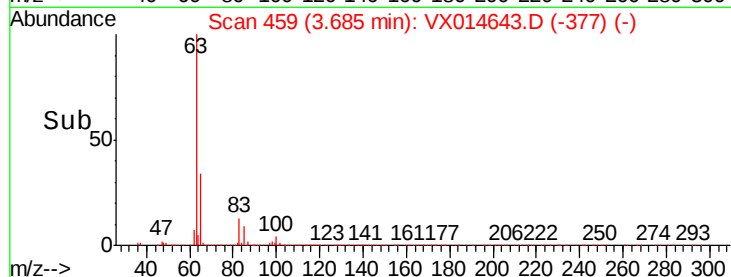
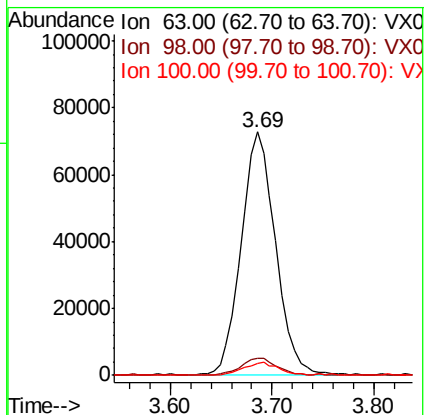
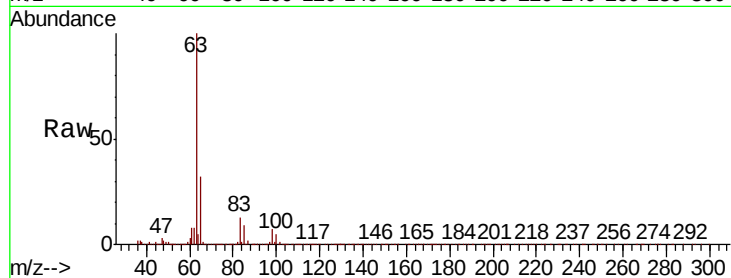
Tot Ion: 63 Resp: 169511

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.6 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 21.978 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

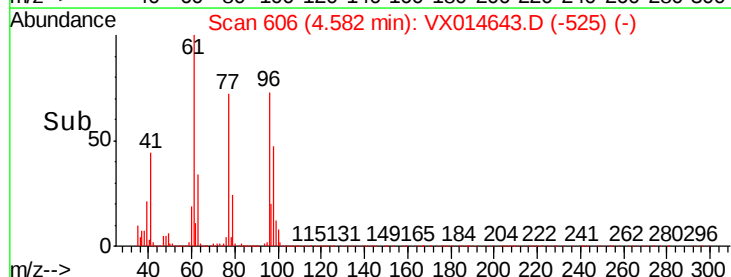
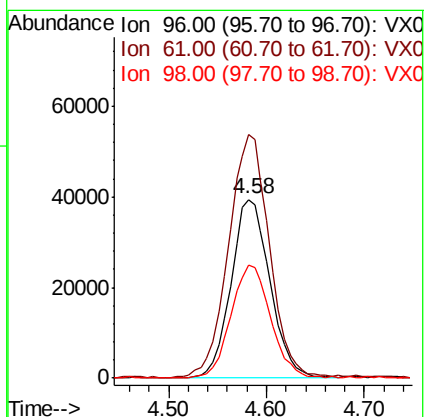
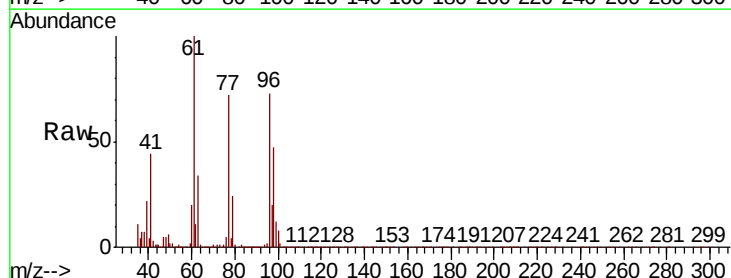
Tgt Ion: 96 Resp: 108777

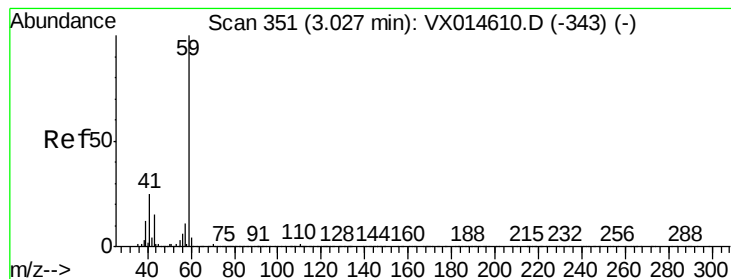
Ion Ratio Lower Upper

96 100

61 142.6 112.4 168.6

98 63.9 50.3 75.5



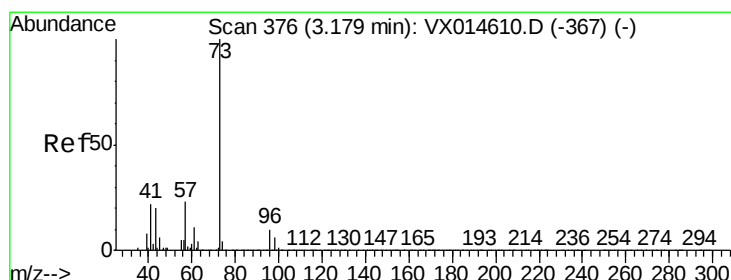
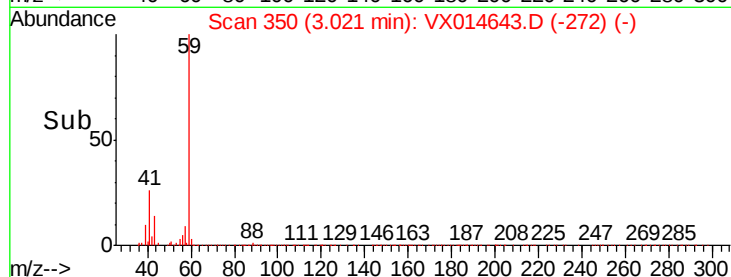
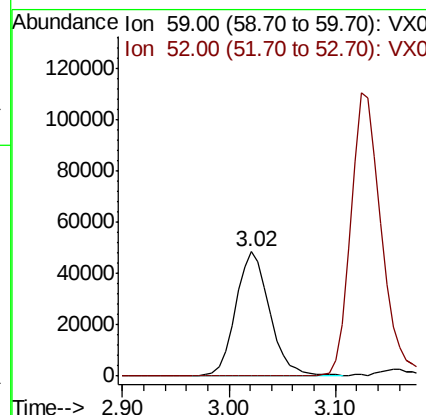
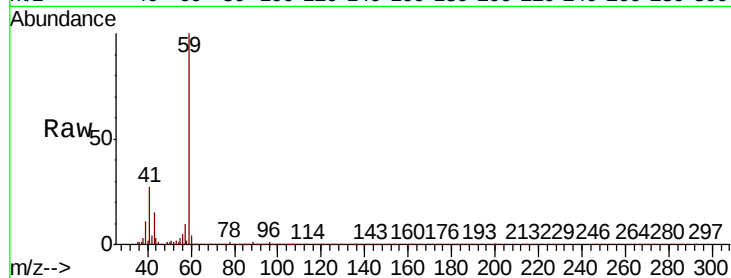


#23

tert-Butyl Alcohol
 Concen: 105.094 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Instrument :
 MSVOA_X
 ClientSampled :

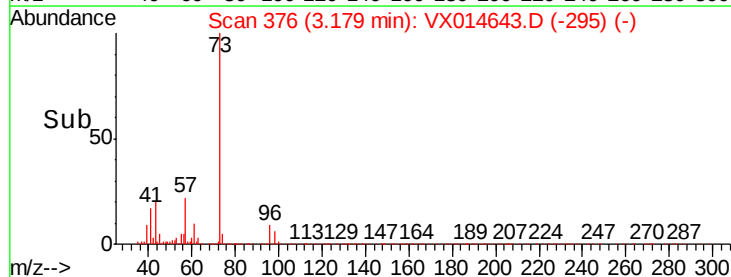
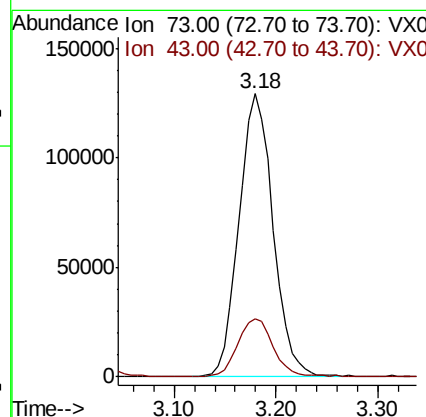
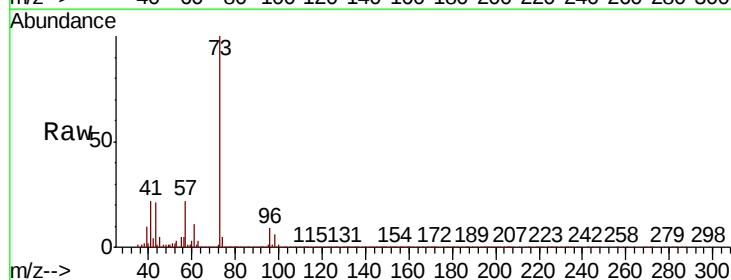
Tot Ion: 59 Resp: 107489
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

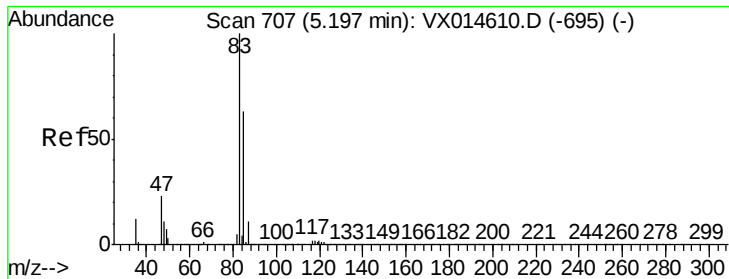


#24

Methyl tert-Butyl Ether
 Concen: 22.403 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Tgt Ion: 73 Resp: 298303
 Ion Ratio Lower Upper
 73 100
 43 20.8 16.6 25.0





#25

Chloroform

Concen: 21.833 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

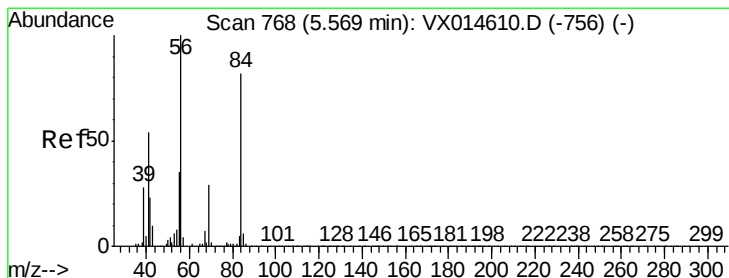
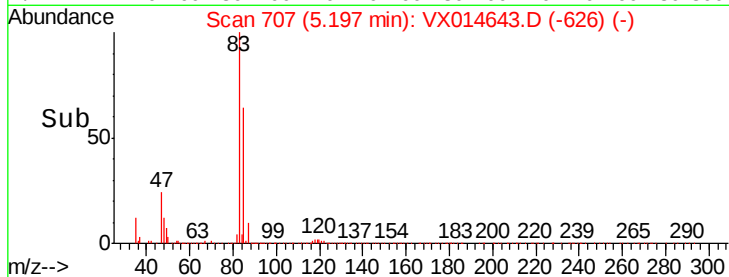
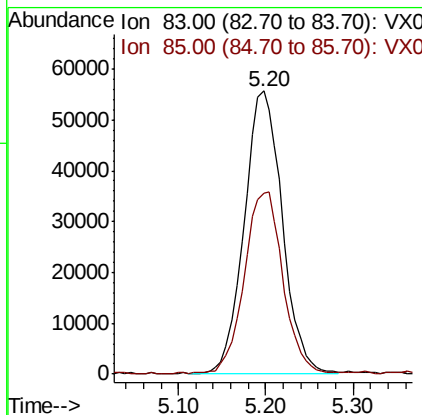
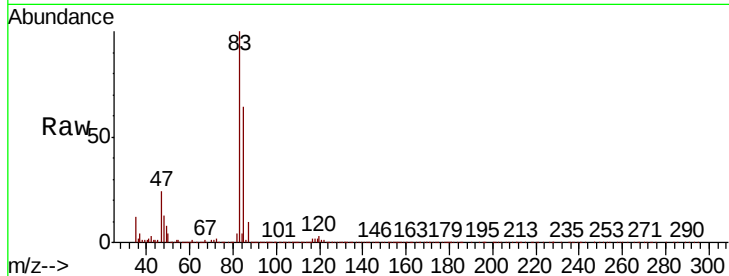
ClientSampleId :

Tot Ion: 83 Resp: 168321

Ion Ratio Lower Upper

83 100

85 63.7 52.7 79.1



#26

Cyclohexane

Concen: 21.548 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

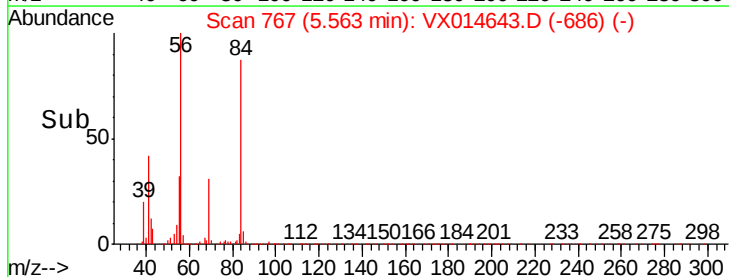
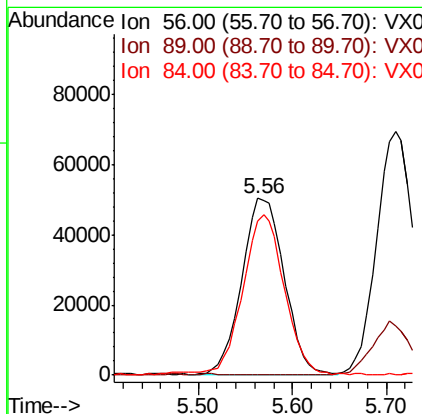
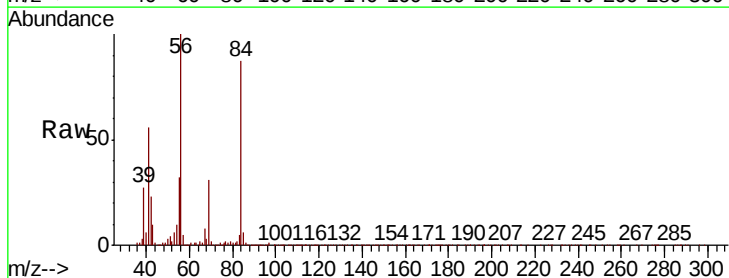
Tgt Ion: 56 Resp: 158189

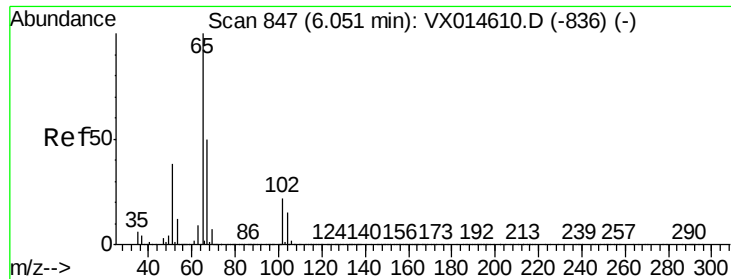
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.608 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

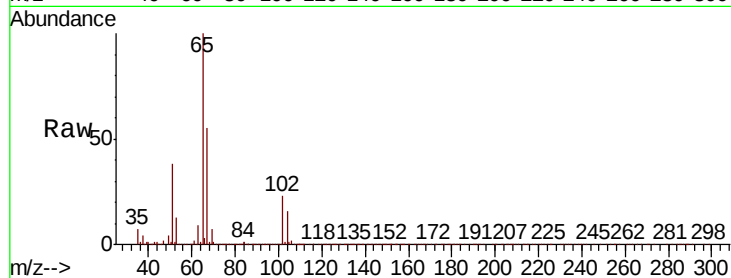
ClientSampleId :

Tot Ion: 65 Resp: 155490

Ion Ratio Lower Upper

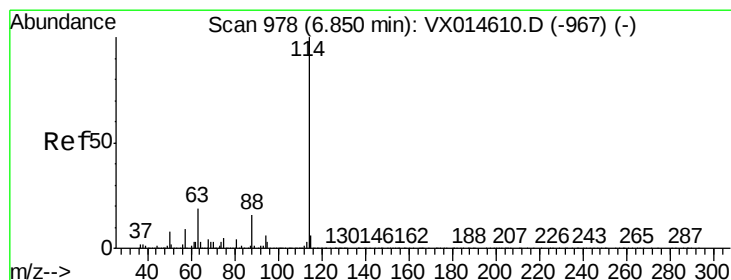
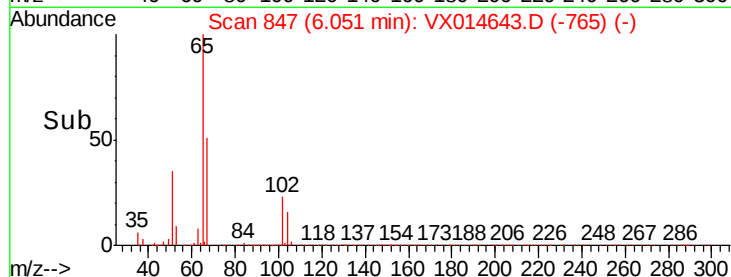
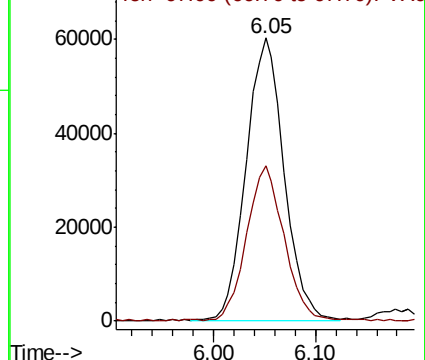
65 100

67 53.8 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: VX014643.D

Acq: 17 Jan 2020 09:46

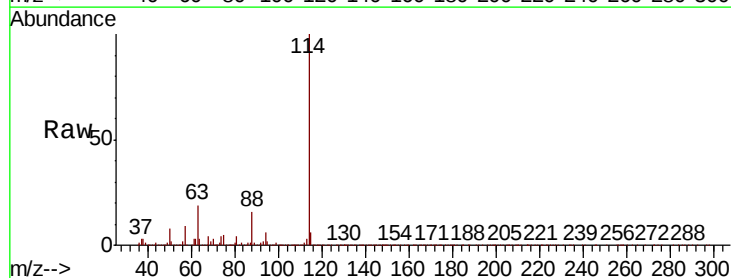
Tgt Ion: 114 Resp: 396551

Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

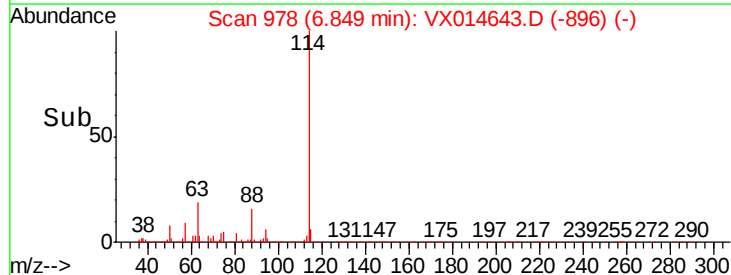
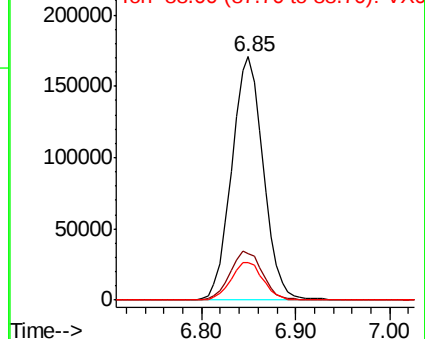
88 15.7 12.5 18.7

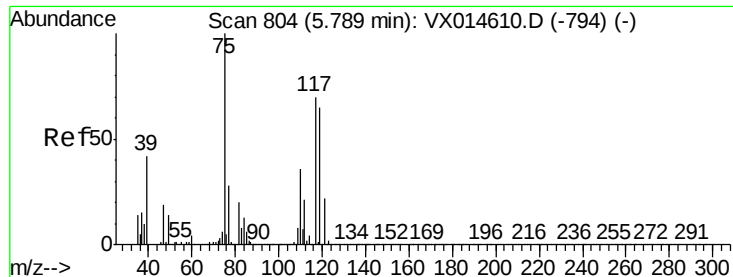


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

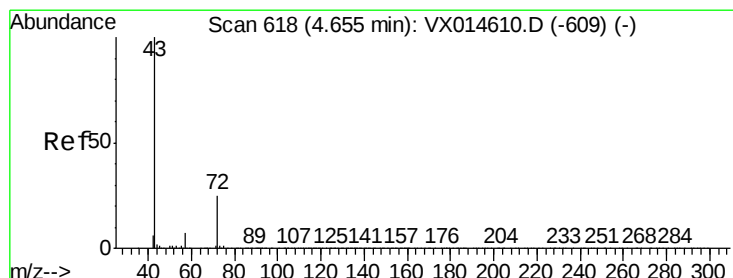
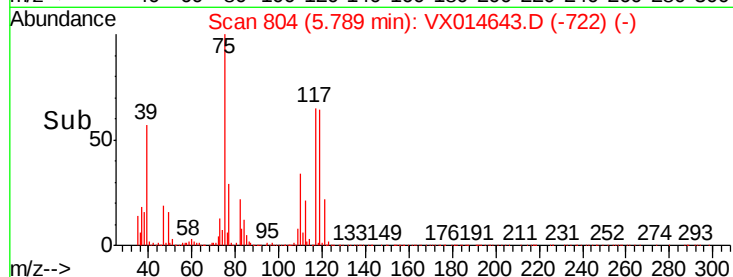
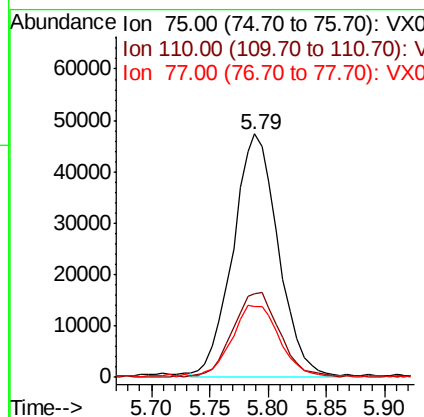
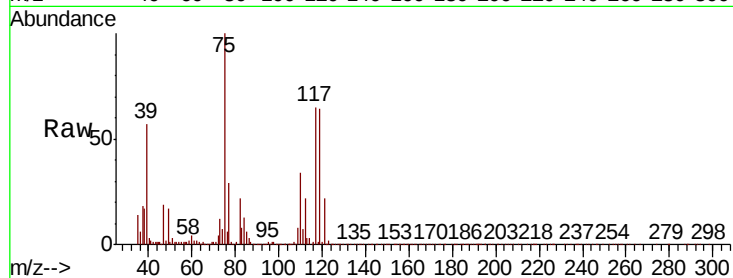




#29
 1,1-Dichloropropene
 Concen: 21.987 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

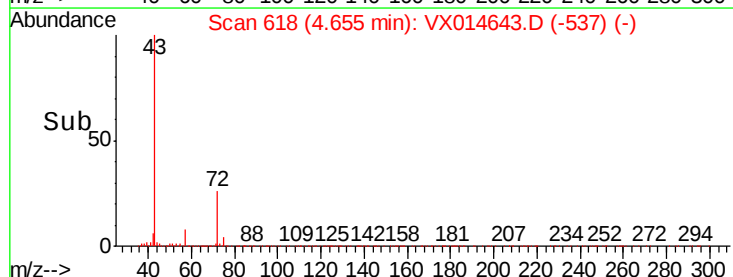
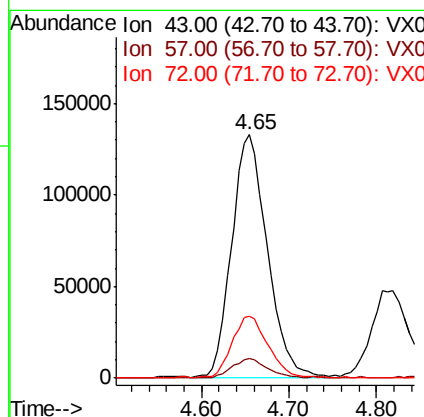
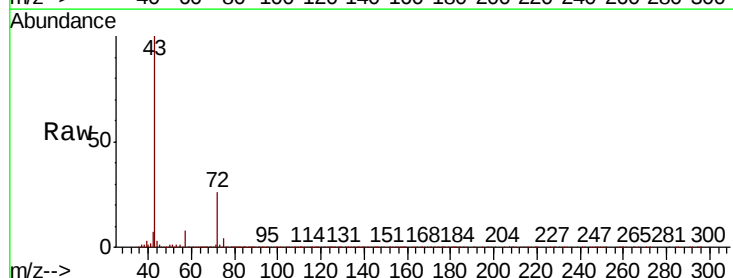
Instrument :
 MSVOA_X
 ClientSampleId :

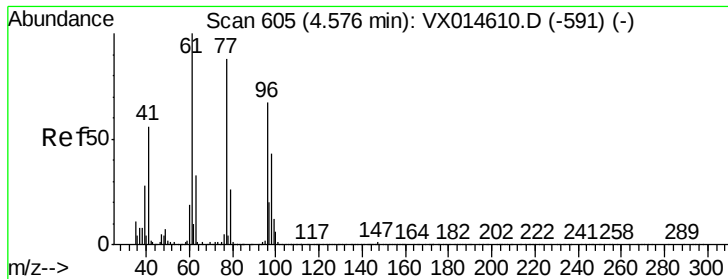
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	73.8
77	30.4	0.0	62.4



#30
 2-Butanone
 Concen: 101.519 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.2	9.2
72	25.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 21.559 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

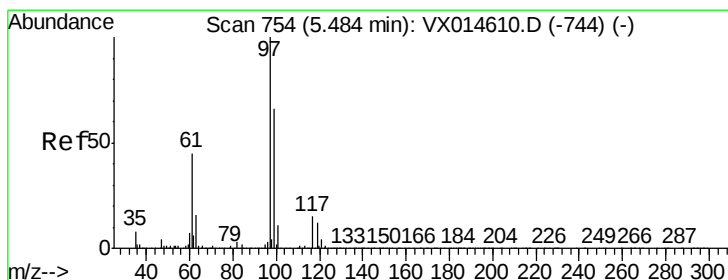
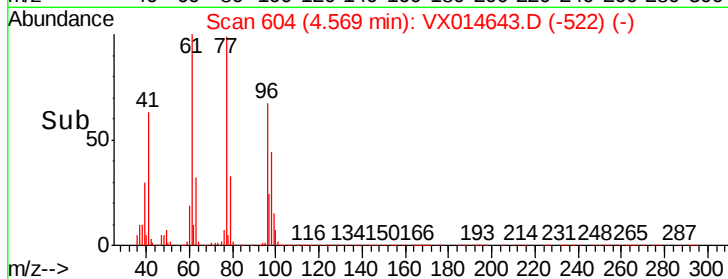
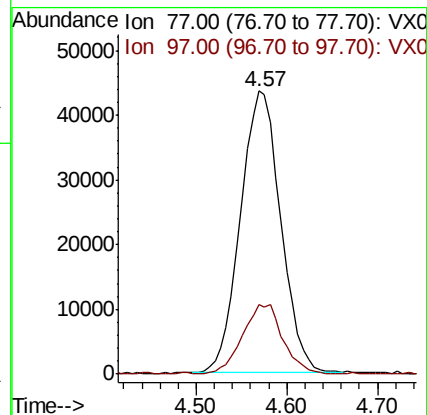
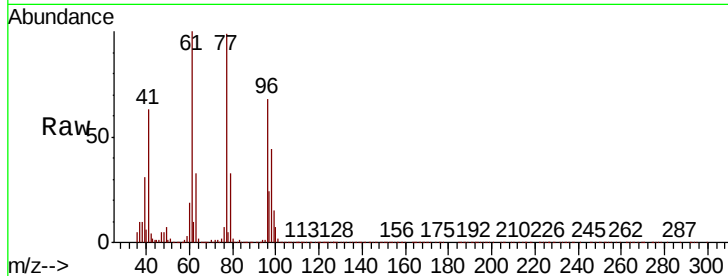
ClientSampleId :

Tot Ion: 77 Resp: 134160

Ion Ratio Lower Upper

77 100

97 24.9 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 21.895 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

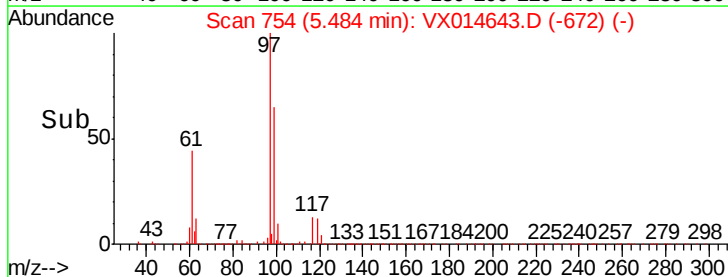
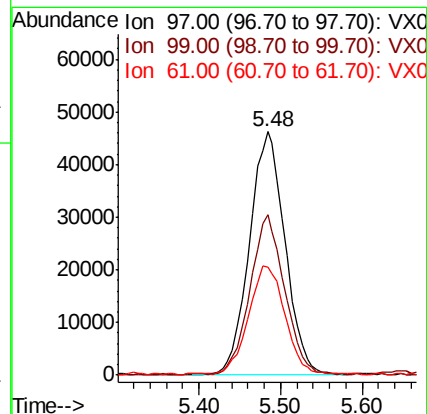
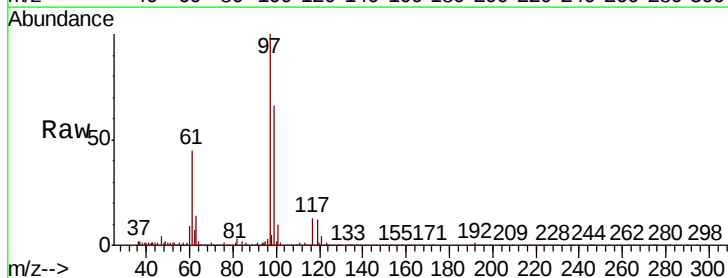
Tgt Ion: 97 Resp: 140876

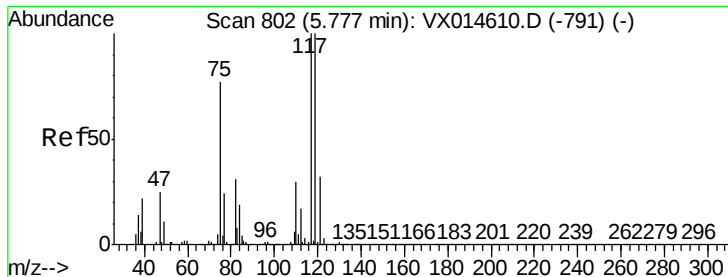
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 45.0 36.8 55.2





#33

Carbon Tetrachloride

Concen: 21.471 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

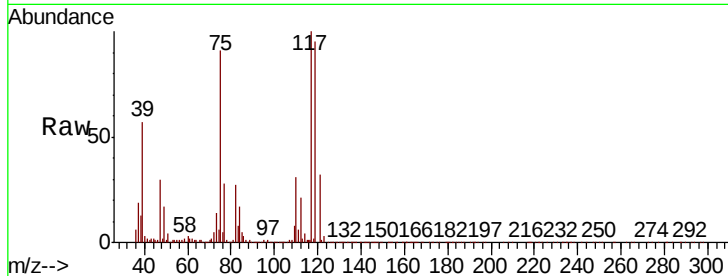
Tot Ion:117 Resp: 118599

Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

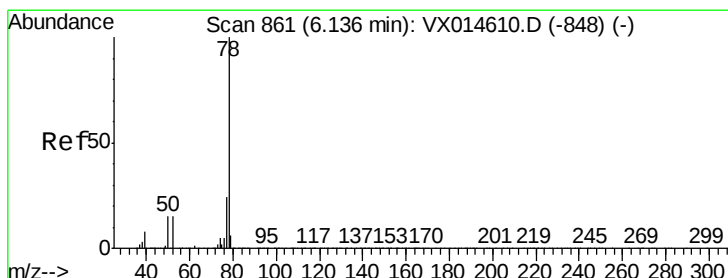
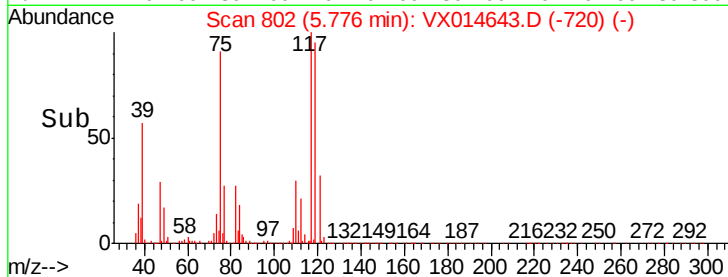
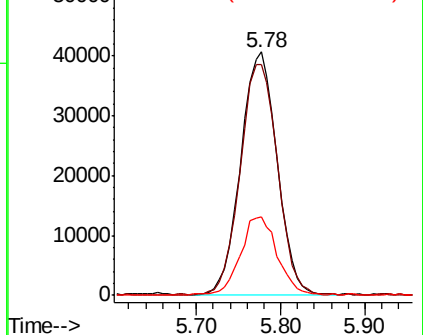
121 31.8 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.768 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

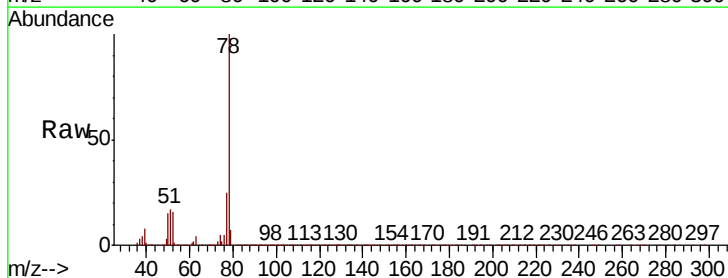
Tgt Ion: 78 Resp: 391204

Ion Ratio Lower Upper

78 100

77 25.0 18.2 27.2

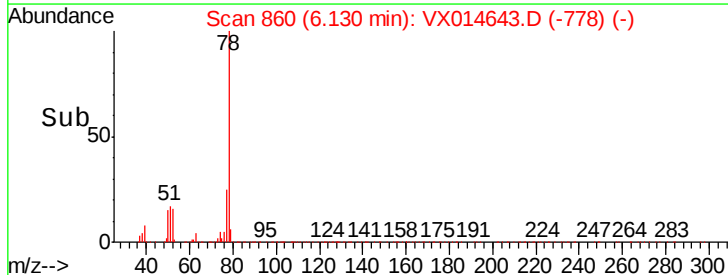
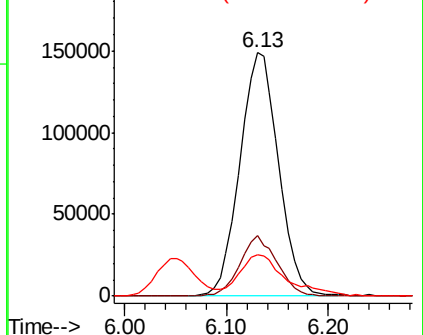
51 16.2 12.4 18.6

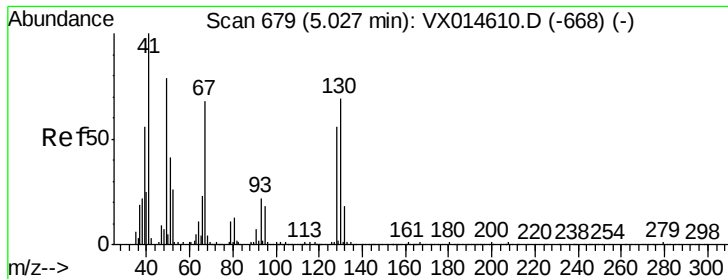


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

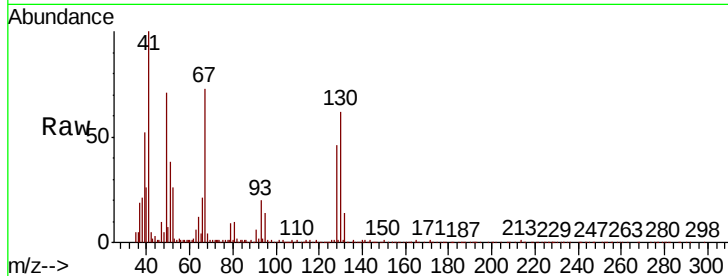




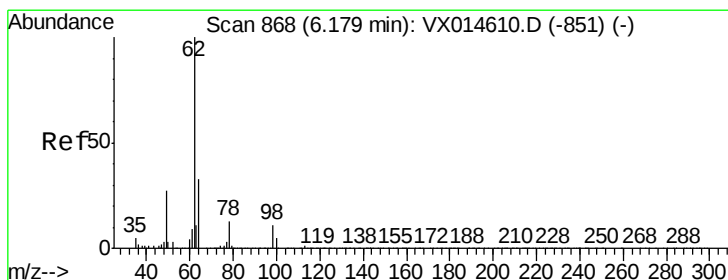
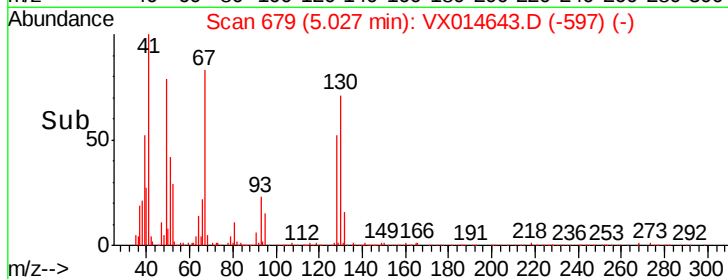
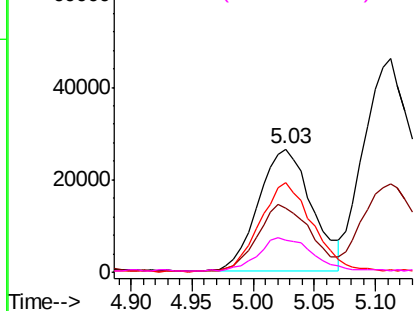
#35
Methacrylonitrile
Concen: 21.798 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	80202
Ion	Ratio	Lower	Upper
41	100		
39	50.8	26.7	80.1
67	73.6	31.5	94.5
52	26.1	12.8	38.4

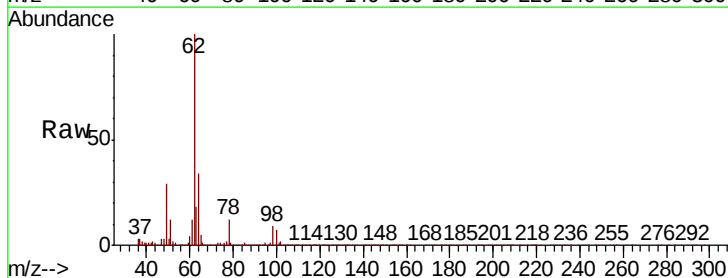


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

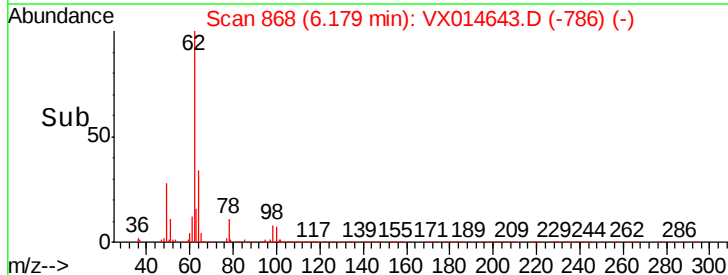
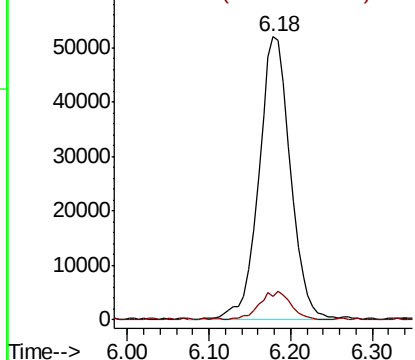


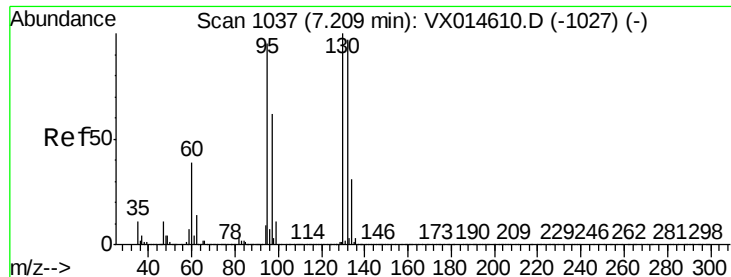
#36
1,2-Dichloroethane
Concen: 22.310 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion:	62	Resp:	139530
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.4	12.6



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





#37

Trichloroethene

Concen: 22.302 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

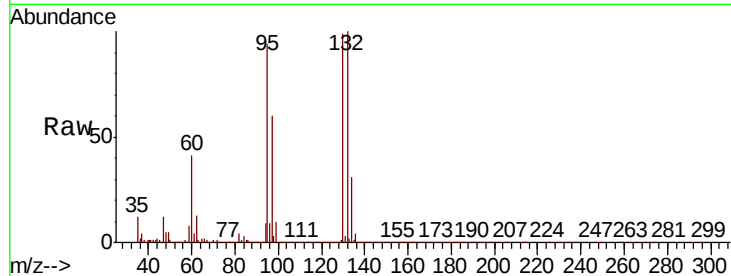
ClientSampleId :

Tot Ion:130 Resp: 109742

Ion Ratio Lower Upper

130 100

95 94.8 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

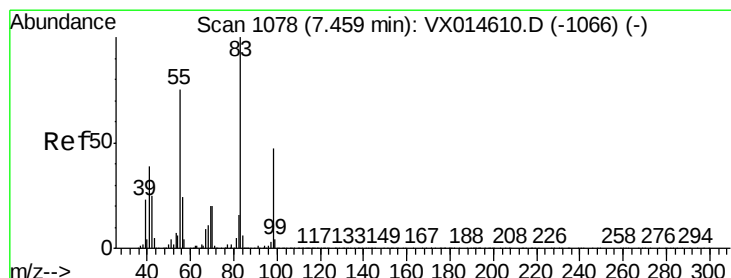
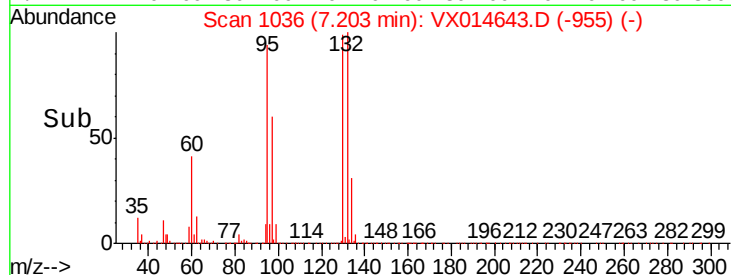
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 21.984 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

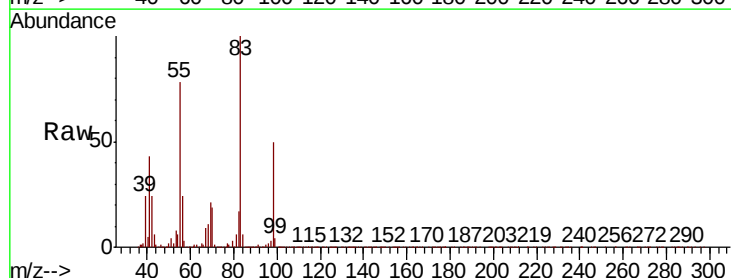
Tgt Ion: 83 Resp: 159187

Ion Ratio Lower Upper

83 100

55 77.6 39.4 118.1

98 49.2 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

100000

80000

60000

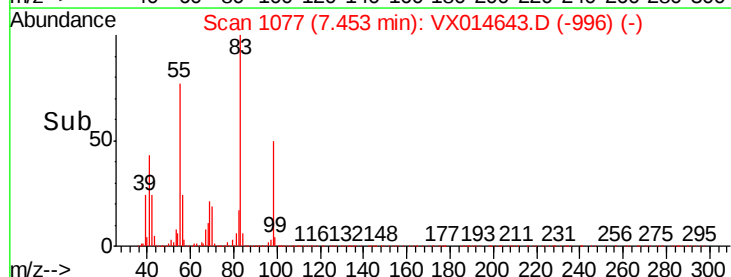
40000

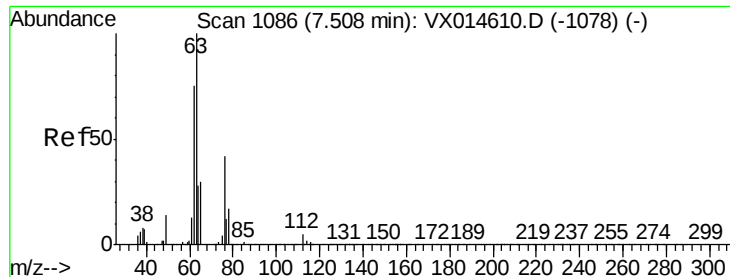
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#39

1,2-Dichloropropane

Concen: 21.744 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

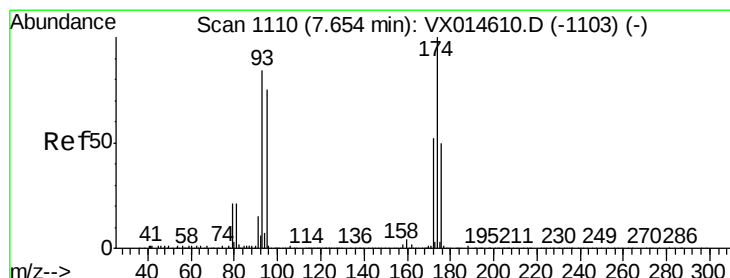
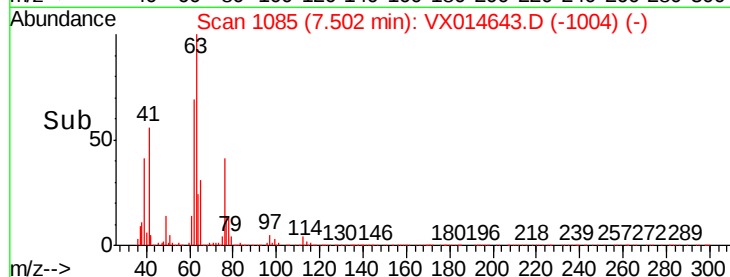
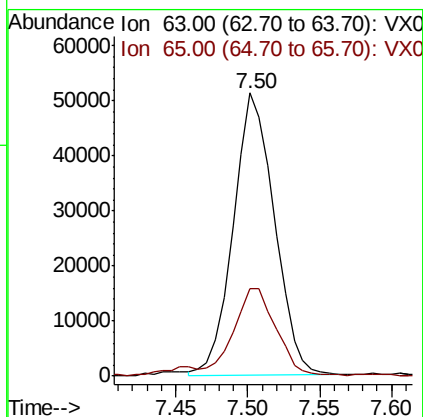
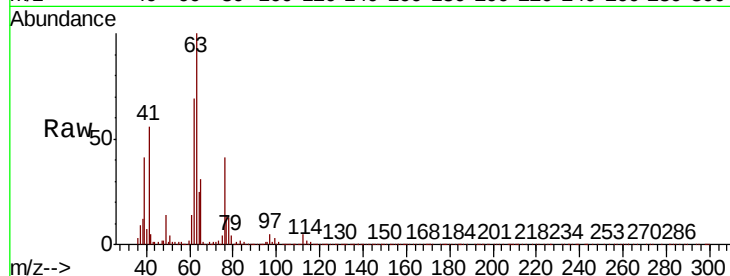
ClientSampled :

Tot Ion: 63 Resp: 101614

Ion Ratio Lower Upper

63 100

65 30.8 22.1 33.1



#40

Dibromomethane

Concen: 21.982 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

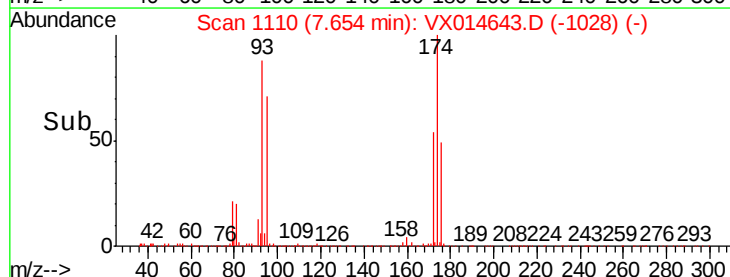
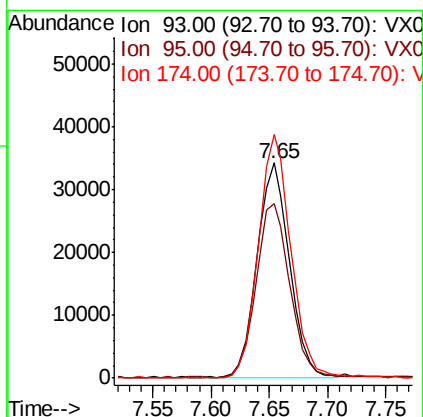
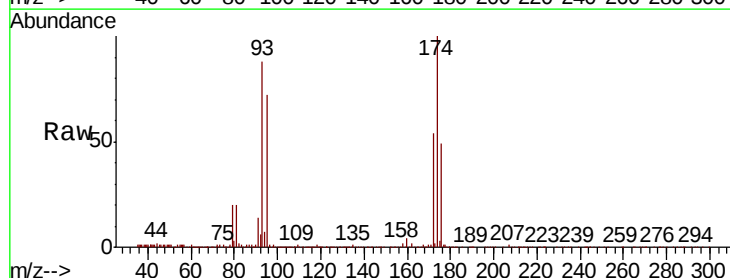
Tgt Ion: 93 Resp: 66020

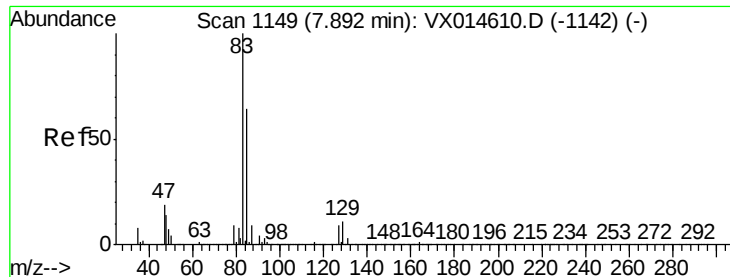
Ion Ratio Lower Upper

93 100

95 83.3 0.0 164.4

174 113.6 0.0 228.8





#41

Bromodichloromethane

Concen: 21.530 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

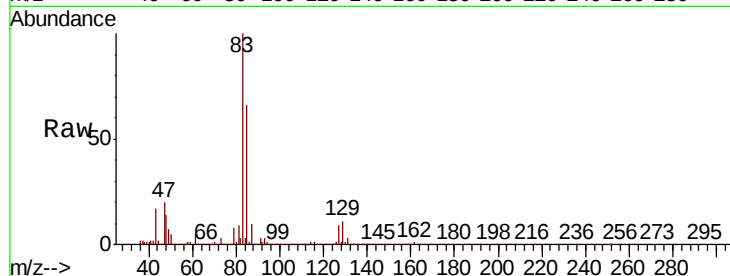
Tot Ion: 83 Resp: 126627

Ion Ratio Lower Upper

83 100

85 65.7 51.6 77.4

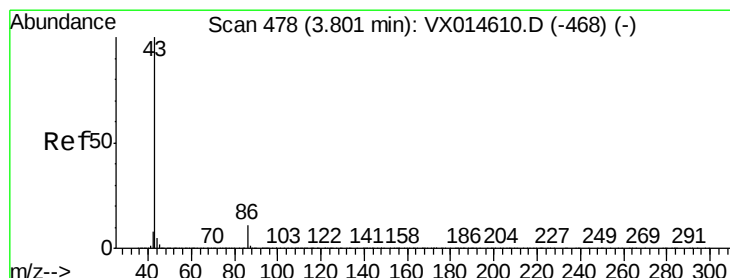
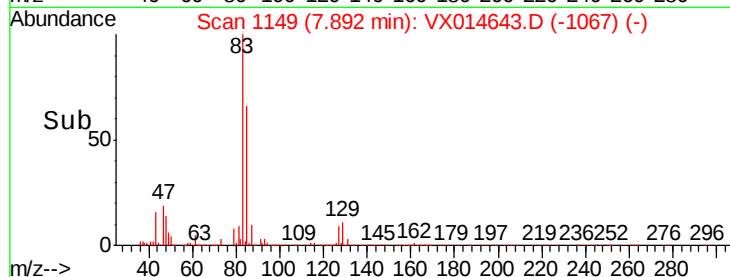
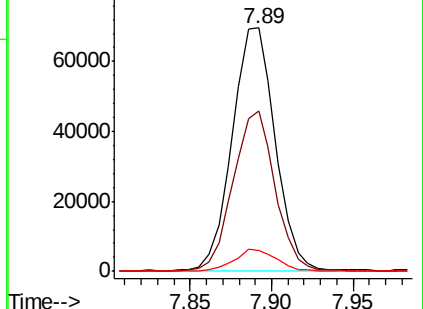
127 8.6 6.0 9.0



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: 102.110 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014643.D

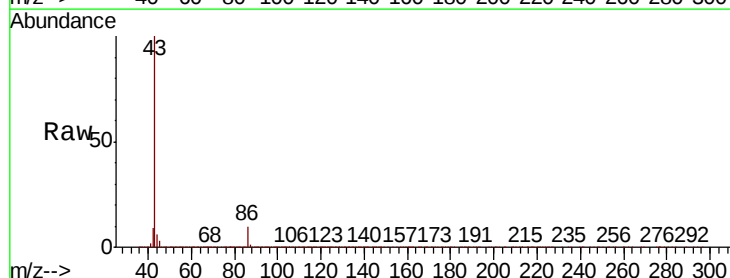
Acq: 17 Jan 2020 09:46

Tgt Ion: 43 Resp: 1159458

Ion Ratio Lower Upper

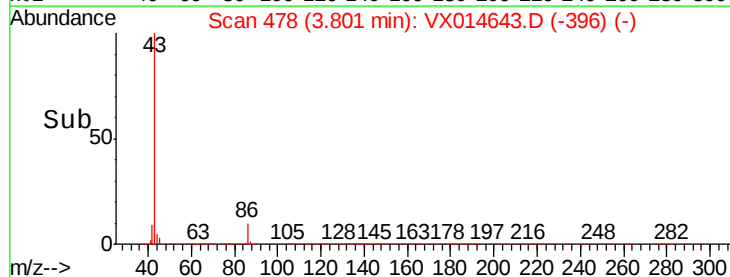
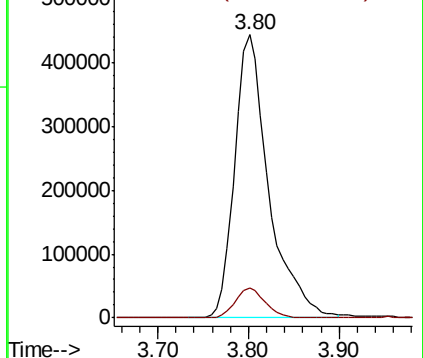
43 100

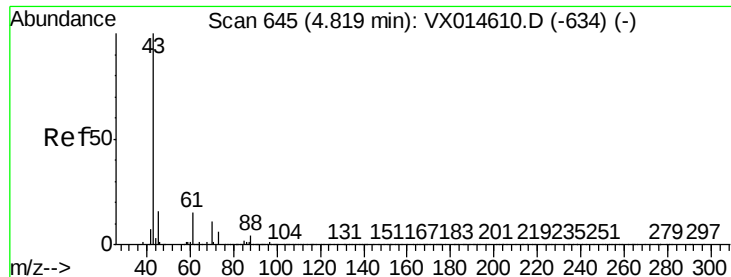
86 9.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

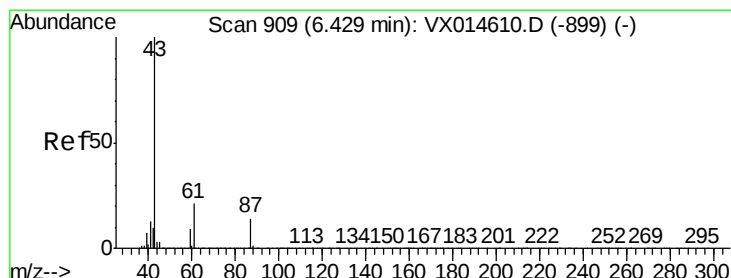
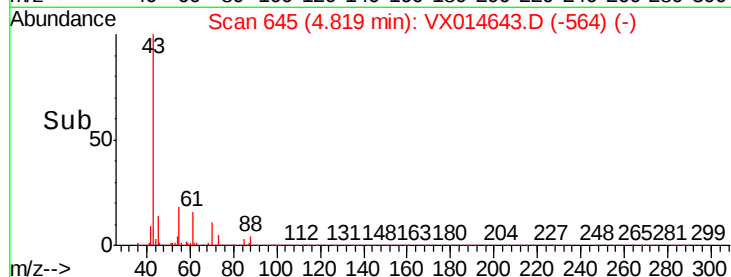
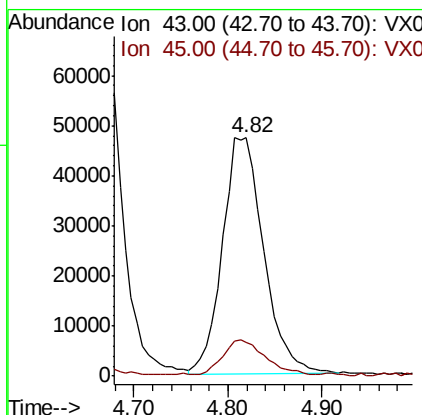
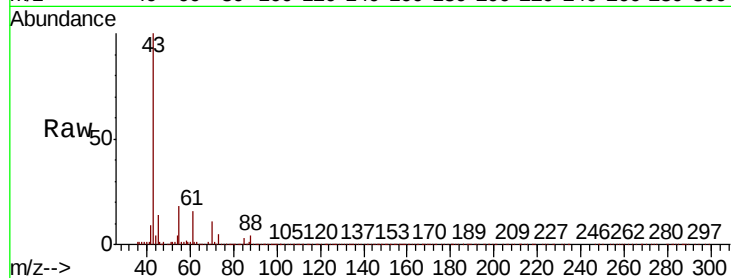




#43
Ethyl Acetate
Concen: 21.570 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

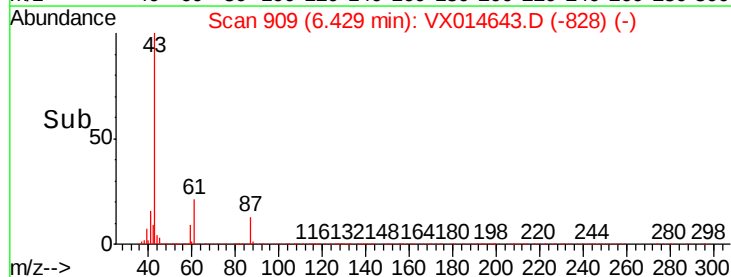
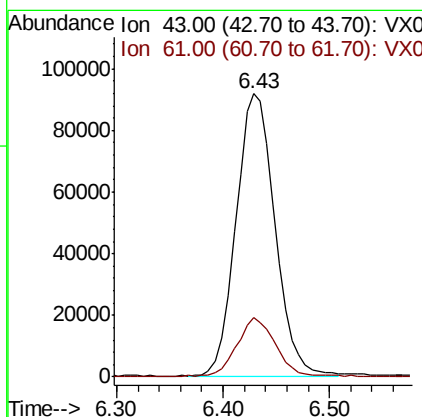
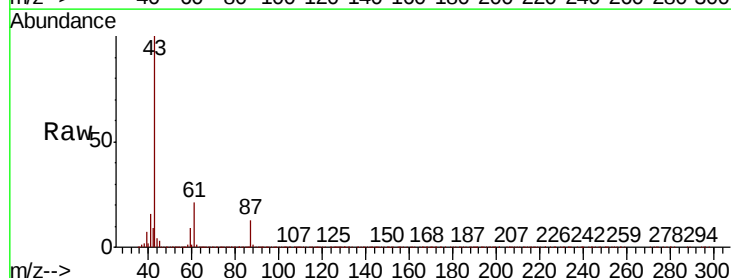
Instrument :
MSVOA_X
ClientSampleId :

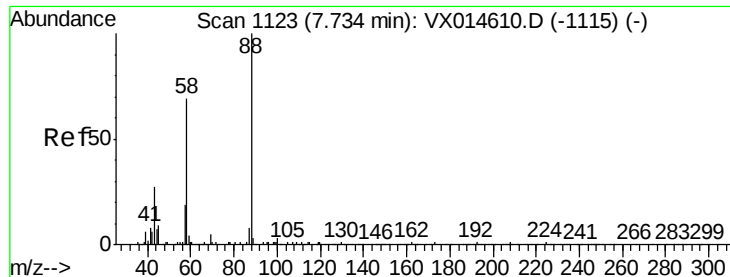
Tot Ion: 43 Resp: 143853
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.8



#44
Isopropyl Acetate
Concen: 21.821 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 43 Resp: 234762
Ion Ratio Lower Upper
43 100
61 20.2 15.9 23.9

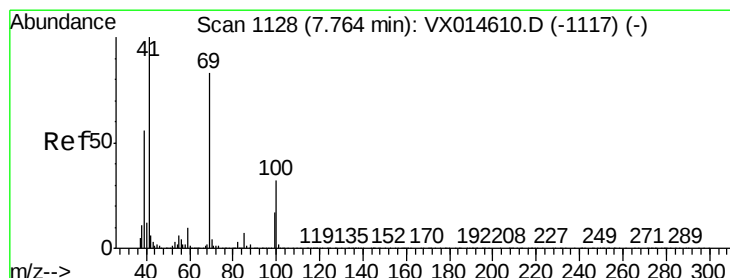
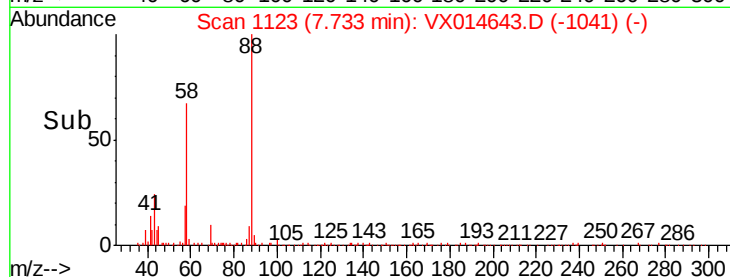
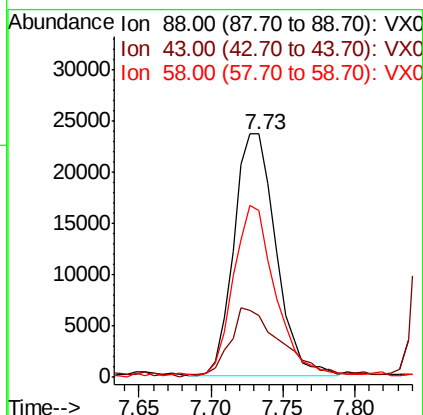
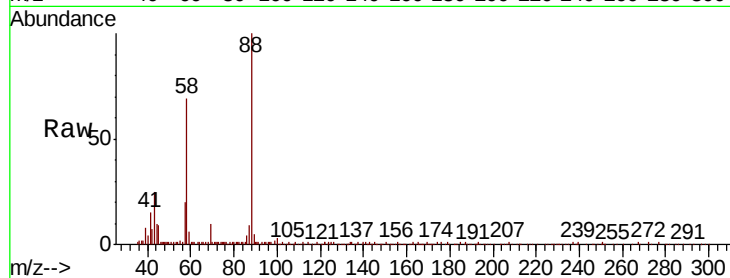




#45
1,4-Dioxane
Concen: 446.664 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

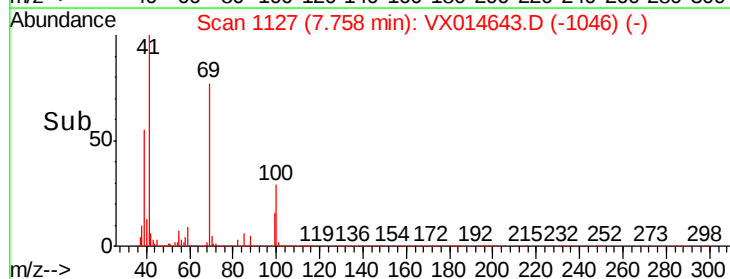
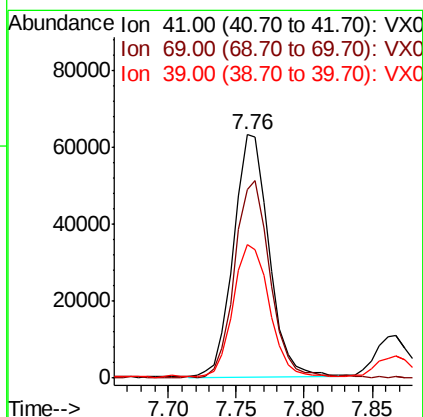
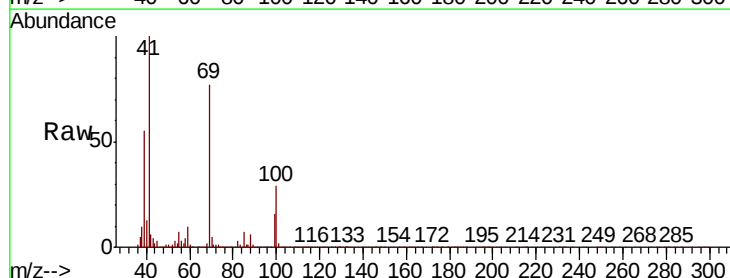
Instrument :
MSVOA_X
ClientSampleId :

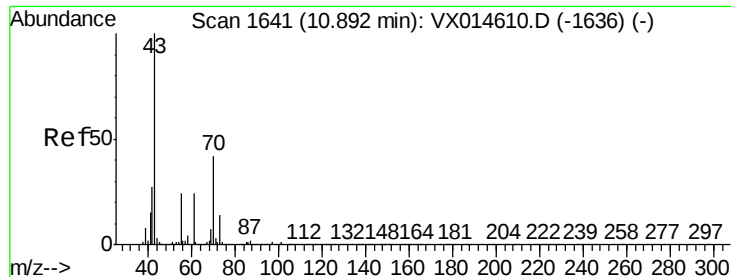
Tot Ion: 88 Resp: 48069
Ion Ratio Lower Upper
88 100
43 31.0 25.4 38.2
58 70.1 56.5 84.7



#46
Methyl methacrylate
Concen: 21.772 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 41 Resp: 115190
Ion Ratio Lower Upper
41 100
69 77.3 40.6 122.0
39 54.3 27.8 83.3

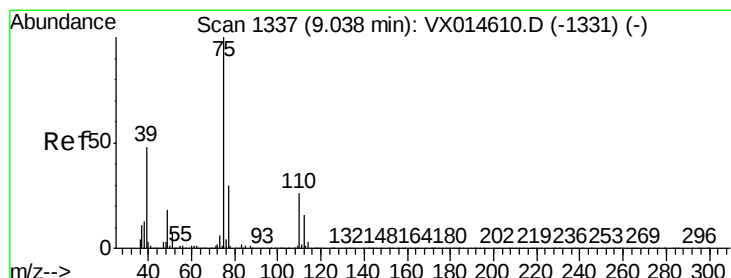
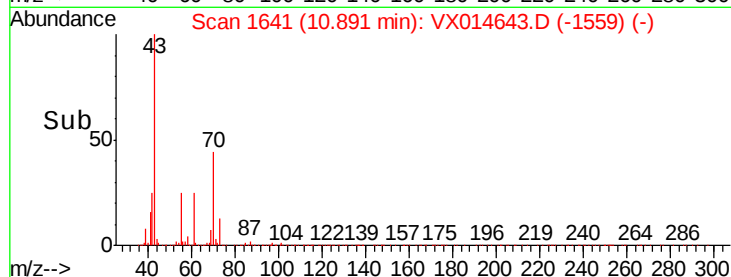
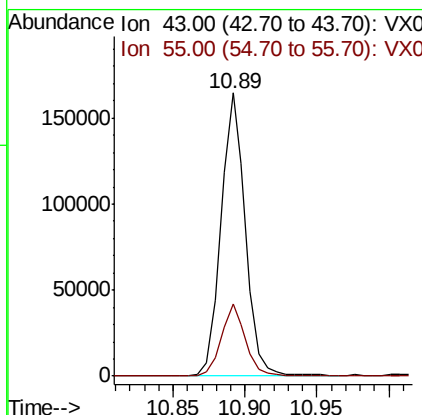
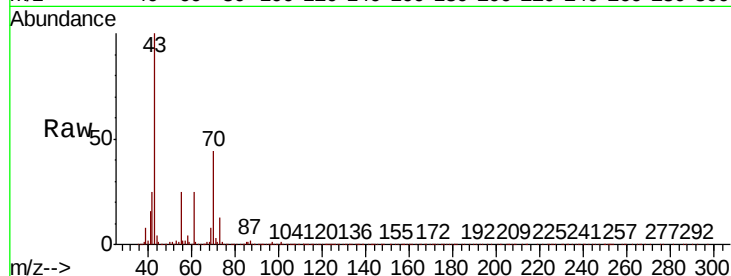




#47
n-amvl Acetate
Concen: 21.516 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

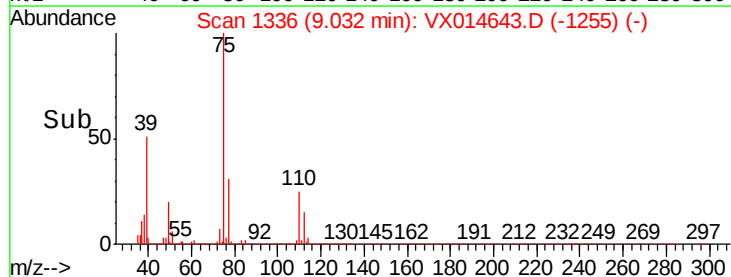
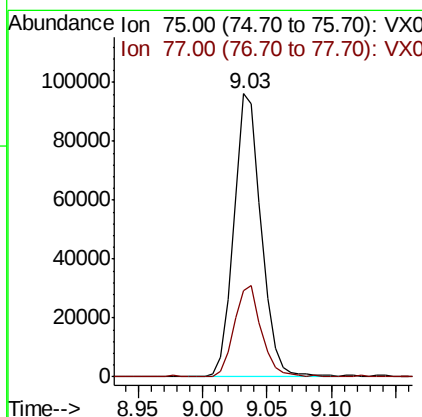
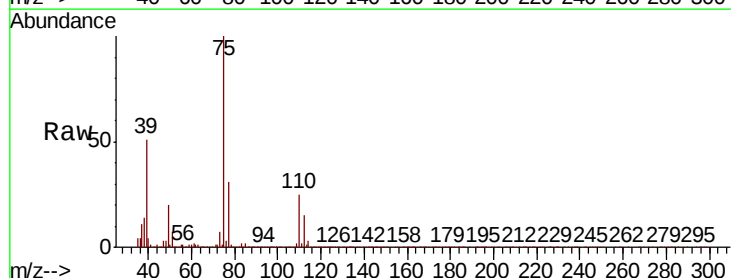
Instrument :
MSVOA_X
ClientSampleId :

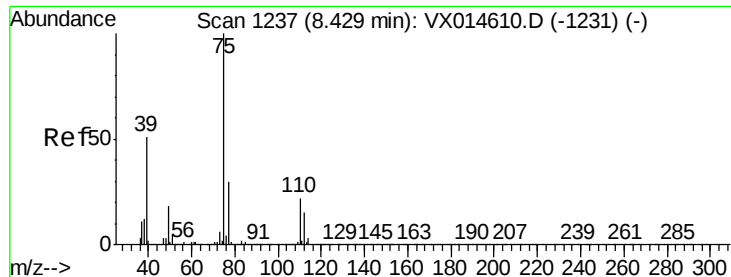
Tot Ion: 43 Resp: 193954
Ion Ratio Lower Upper
43 100
55 25.0 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 22.078 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 75 Resp: 141762
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0



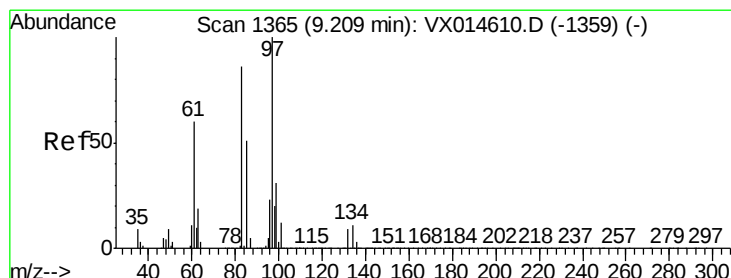
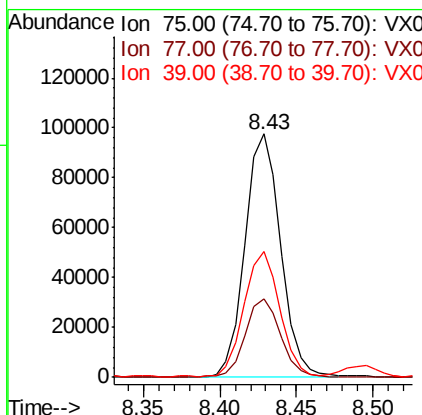
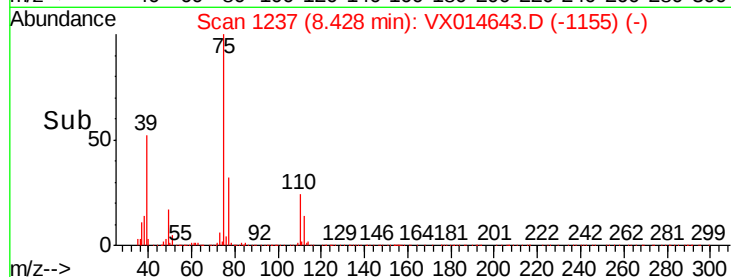
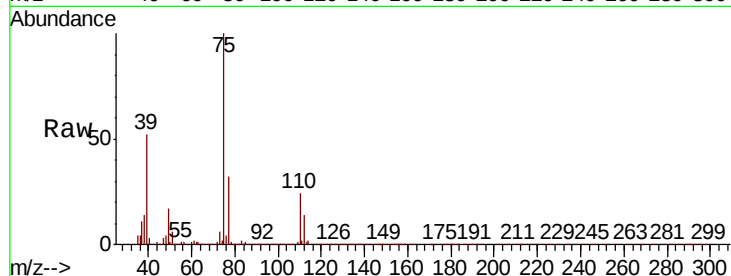


#49

cis-1,3-Dichloropropene
Concen: 21.941 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

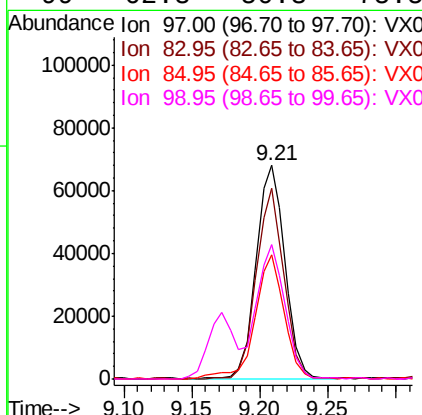
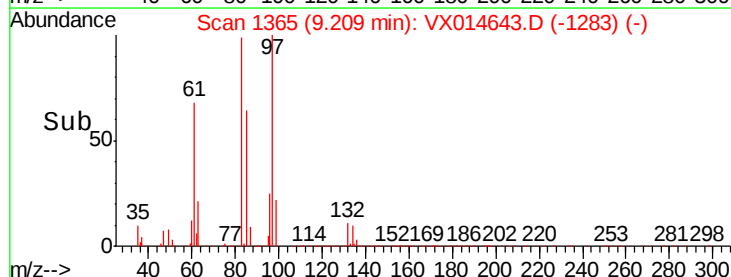
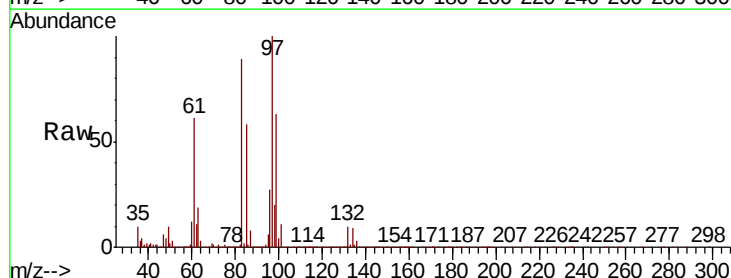
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.8	37.2
39	51.3	41.1	61.7

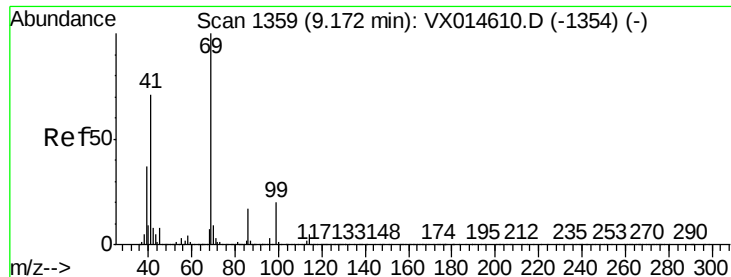


#50

1,1,2-Trichloroethane
Concen: 22.092 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.1	102.1
85	58.0	42.7	64.1
99	62.8	50.3	75.5





#51

Ethyl methacrylate

Concen: 21.764 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

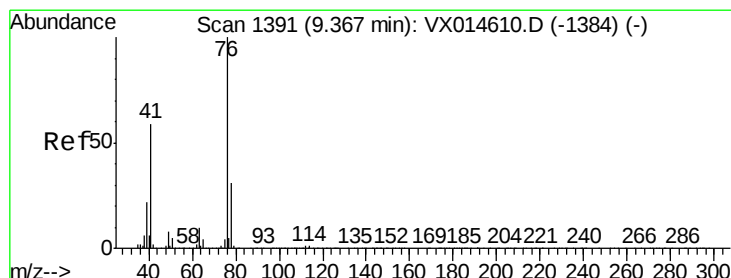
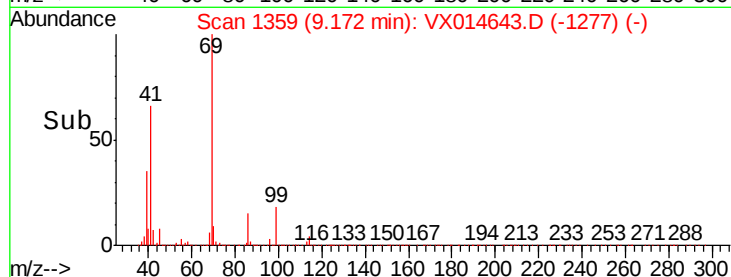
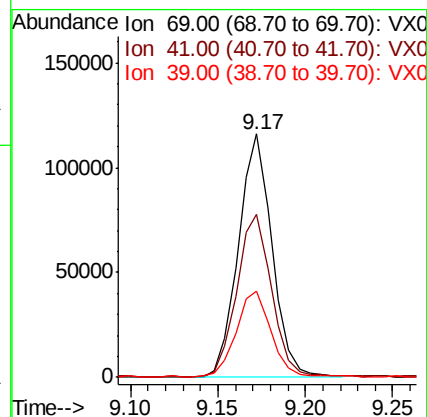
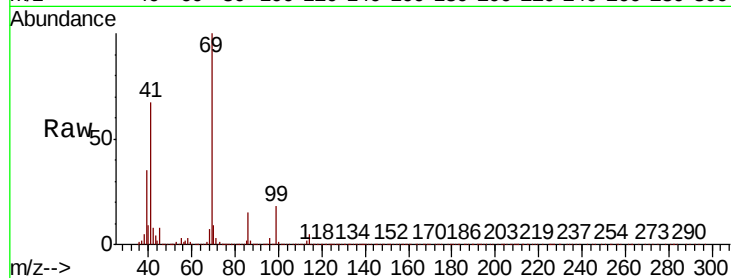
Tot Ion: 69 Resp: 154862

Ion Ratio Lower Upper

69 100

41 66.7 35.4 106.1

39 35.0 17.8 53.3



#52

1,3-Dichloropropane

Concen: 22.227 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014643.D

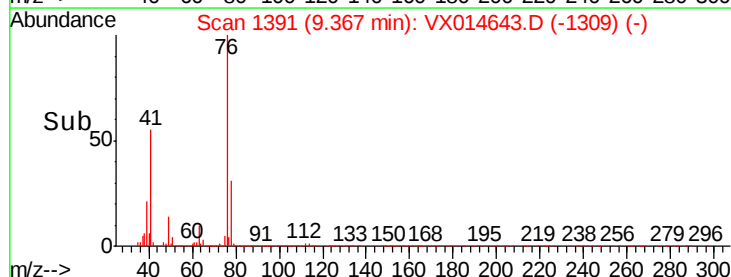
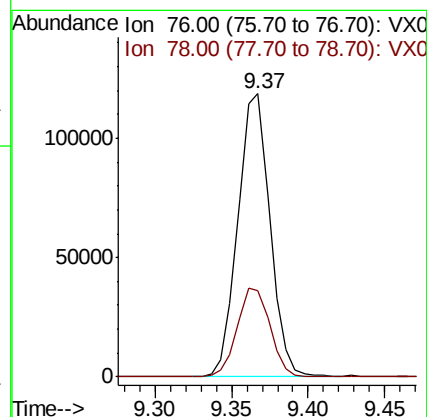
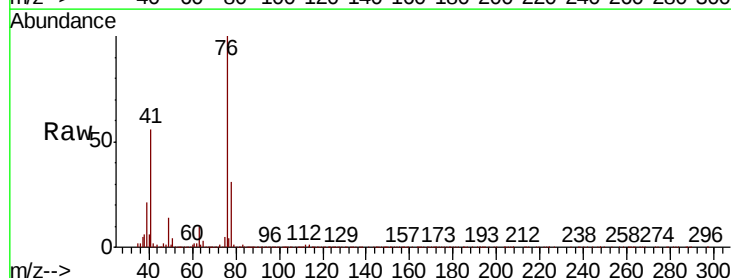
Acq: 17 Jan 2020 09:46

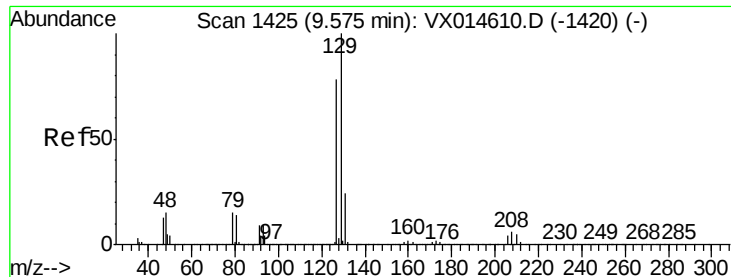
Tgt Ion: 76 Resp: 172101

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.4





#53

Dibromochloromethane

Concen: 22.285 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

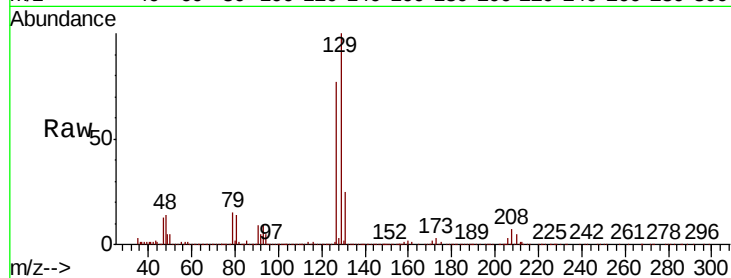
ClientSampleId :

Tot Ion:129 Resp: 104169

Ion Ratio Lower Upper

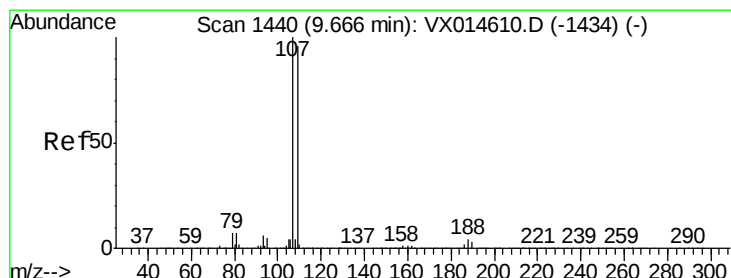
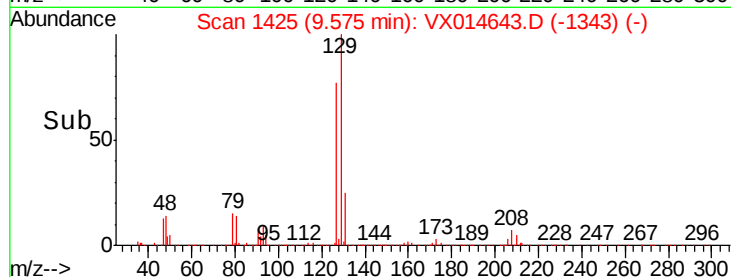
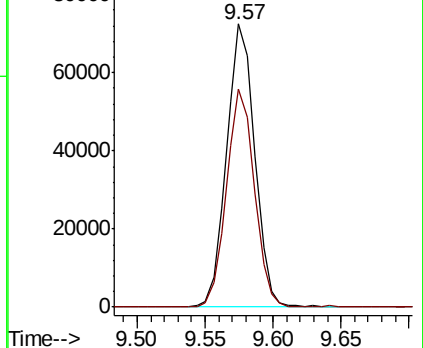
129 100

127 75.5 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: 22.377 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014643.D

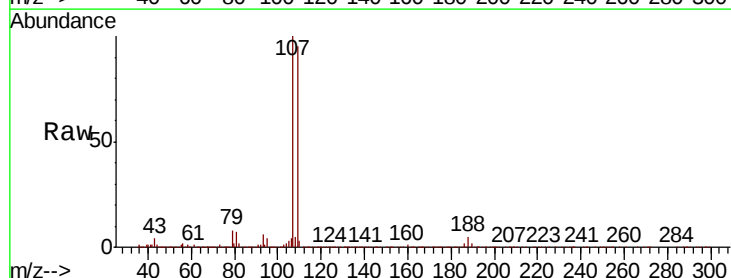
Acq: 17 Jan 2020 09:46

Tgt Ion:107 Resp: 106056

Ion Ratio Lower Upper

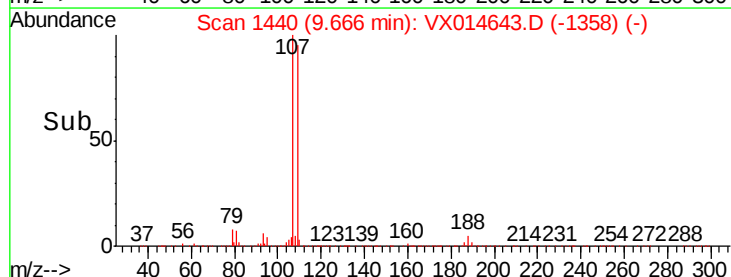
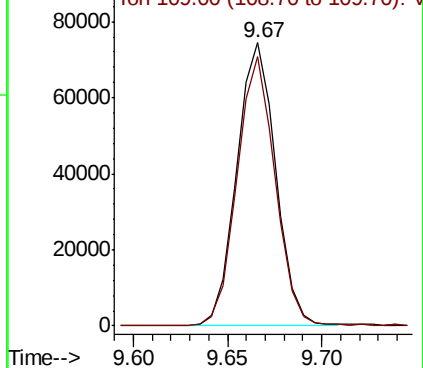
107 100

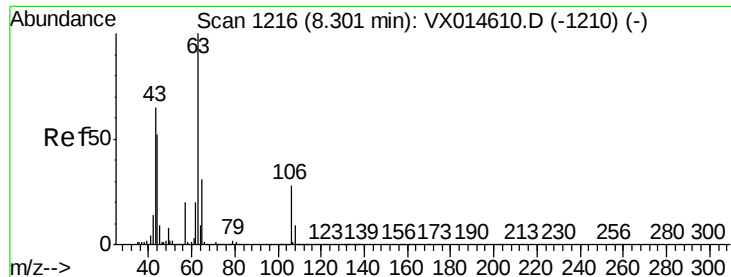
109 93.1 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

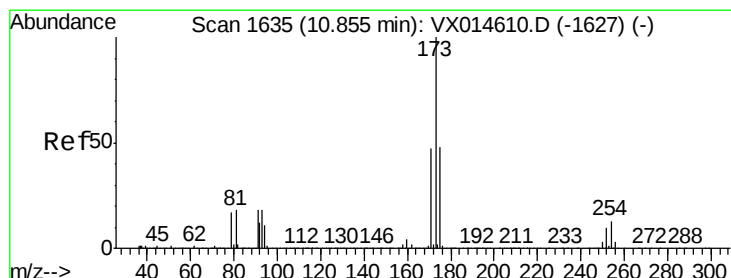
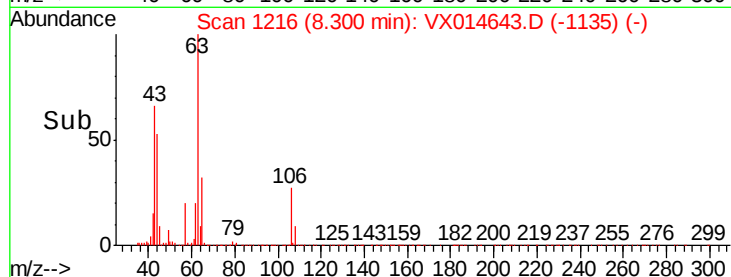
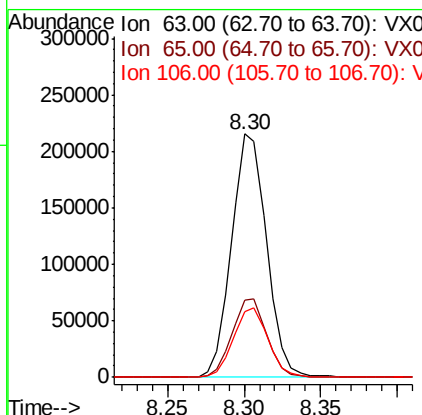
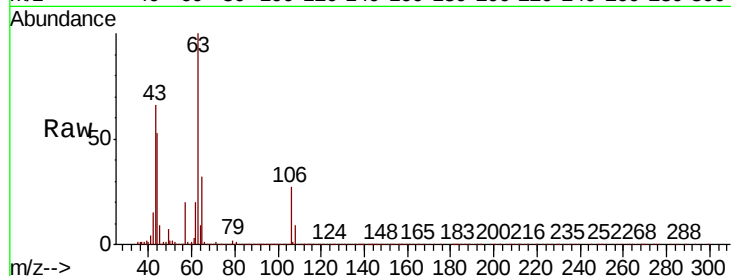




#55
2-Chloroethyl vinyl ether
Concen: 104.297 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

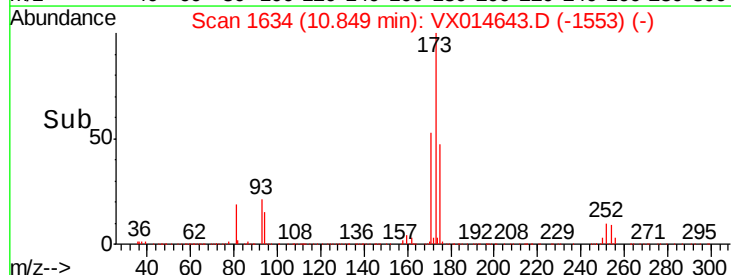
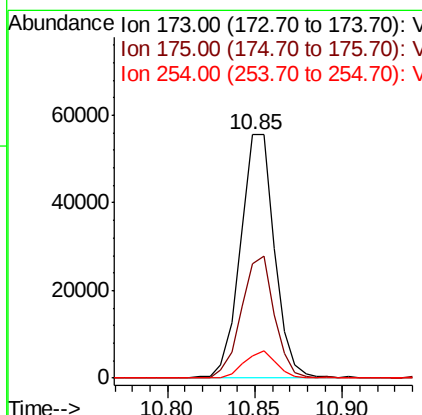
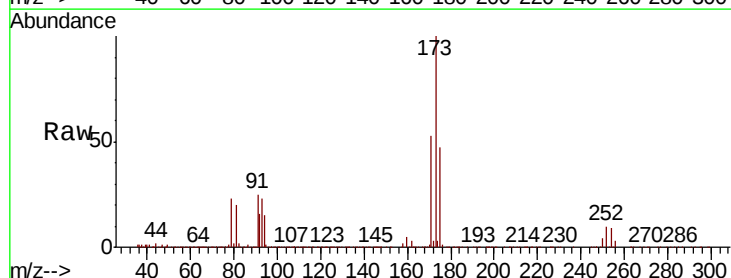
Instrument :
MSVOA_X
ClientSampleId :

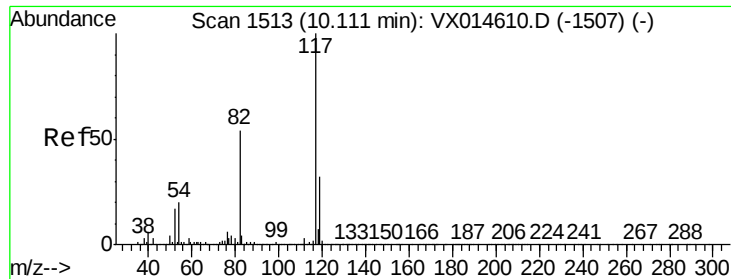
Tot Ion: 63 Resp: 341072
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 28.2 22.9 34.3



#56
Bromoform
Concen: 20.937 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion:173 Resp: 75384
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
254 10.7 8.2 12.4

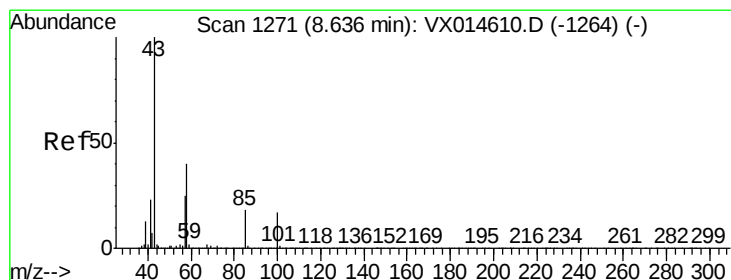
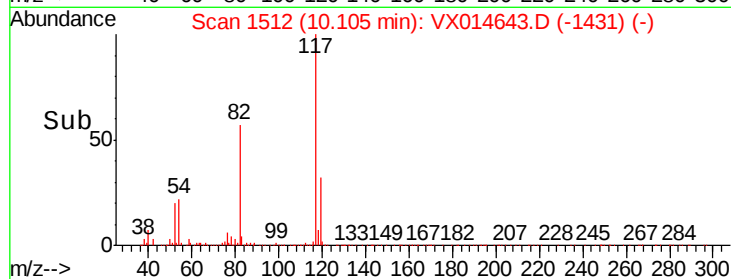
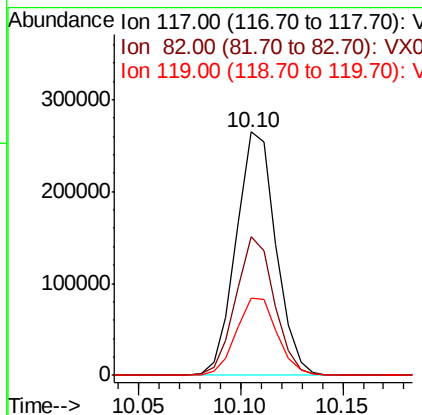
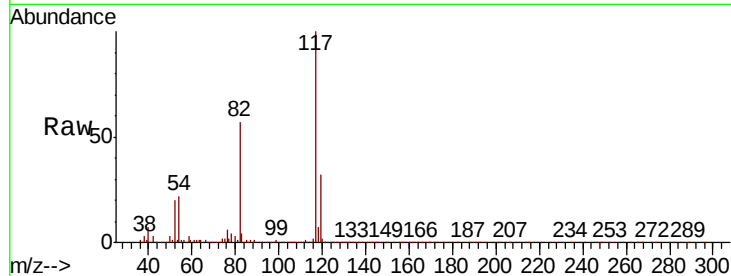




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

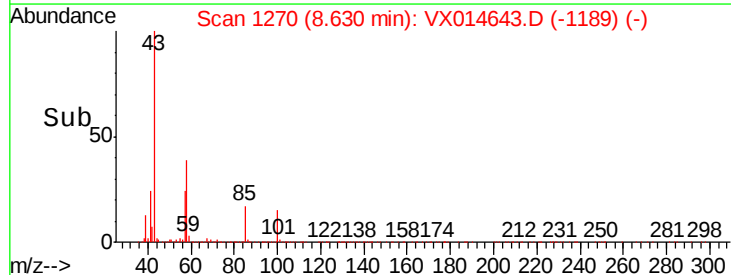
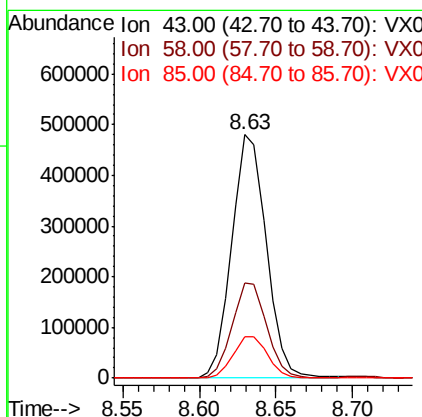
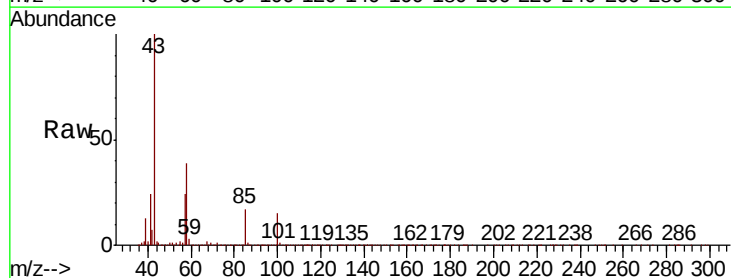
Instrument :
MSVOA_X
ClientSampleId :

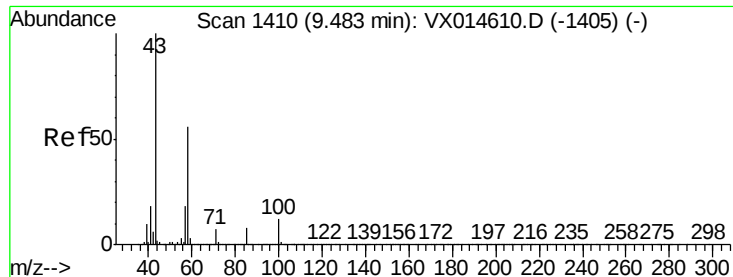
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 111.341 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.2	46.8
85	17.3	14.2	21.2

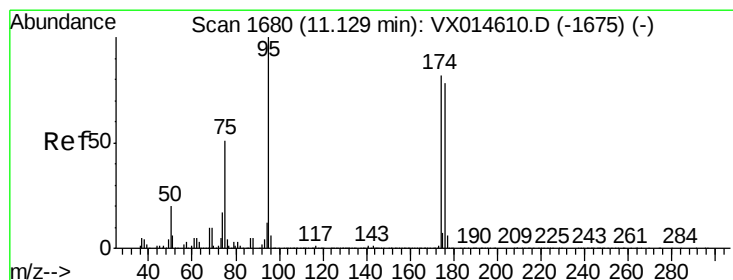
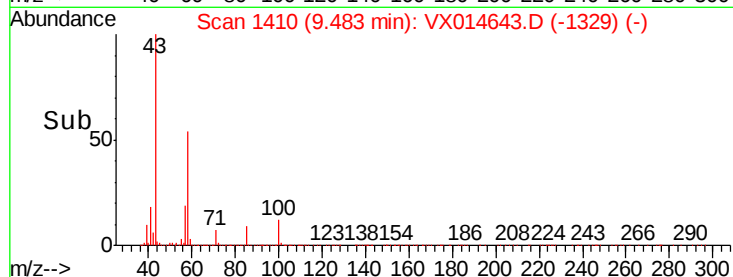
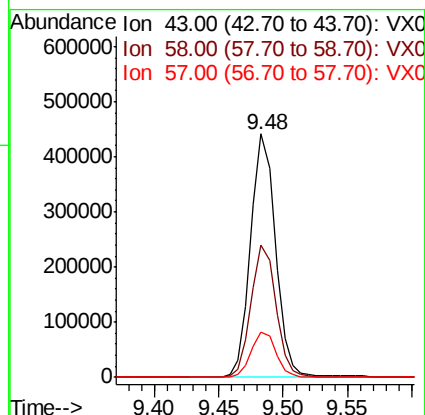
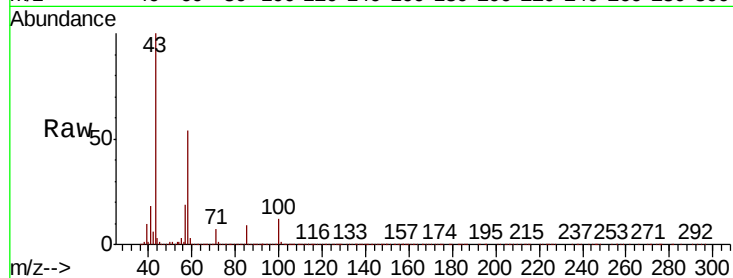




#59
2-Hexanone
Concen: 112.979 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

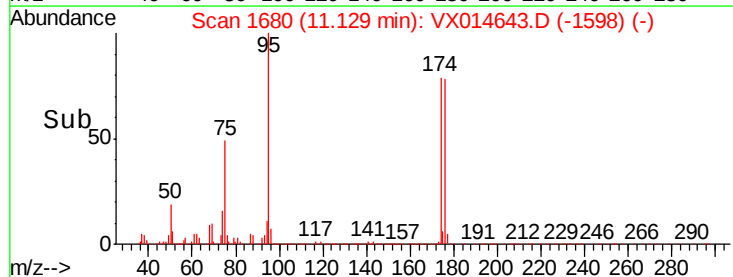
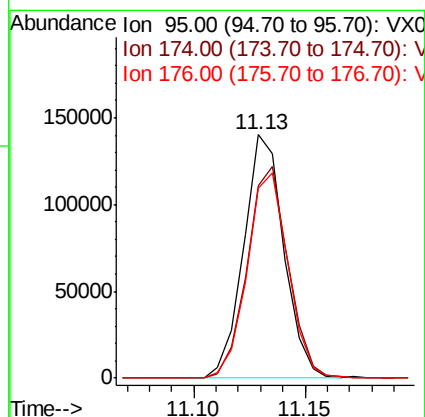
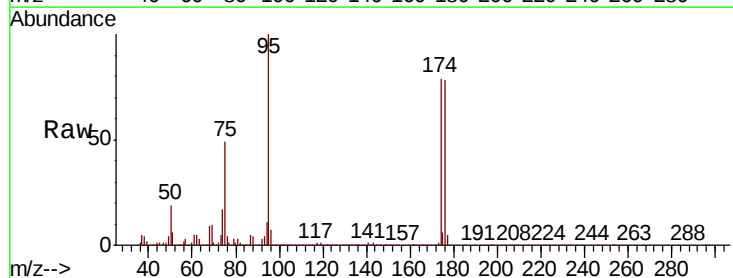
Instrument :
MSVOA_X
ClientSampled :

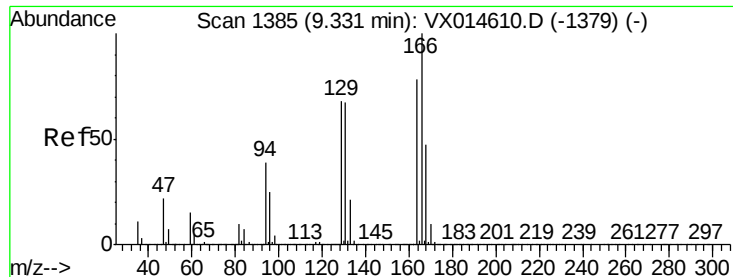
Tot Ion: 43 Resp: 590760
Ion Ratio Lower Upper
43 100
58 54.2 43.8 65.6
57 18.6 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.823 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 95 Resp: 177086
Ion Ratio Lower Upper
95 100
174 88.4 70.2 105.2
176 85.7 68.3 102.5





#61

Tetrachloroethene

Concen: 23.463 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 124508

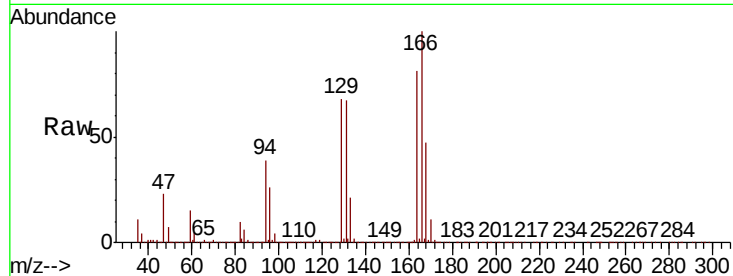
Ion Ratio Lower Upper

164 100

166 124.2 104.2 156.2

129 84.8 71.6 107.4

131 82.7 71.7 107.5

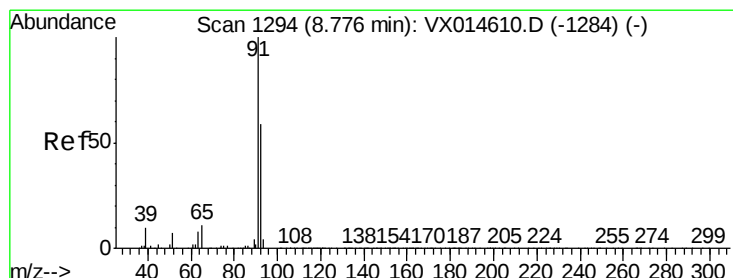
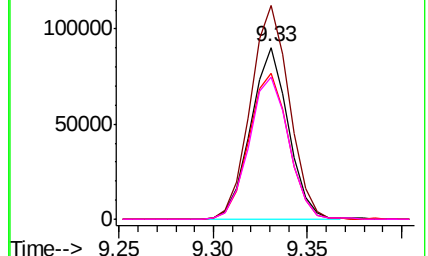
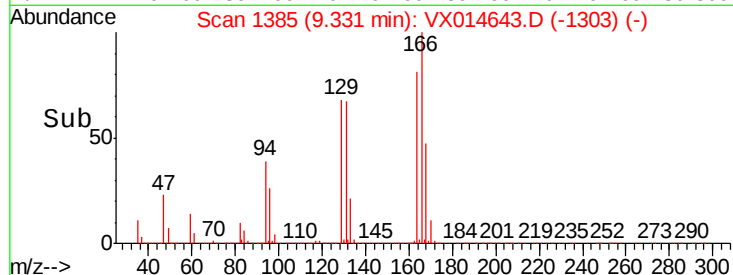


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.241 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014643.D

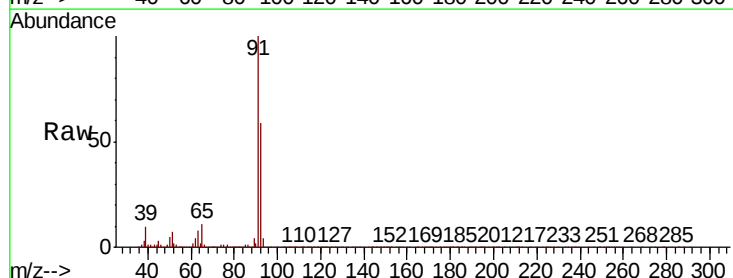
Acq: 17 Jan 2020 09:46

Tgt Ion: 91 Resp: 423647

Ion Ratio Lower Upper

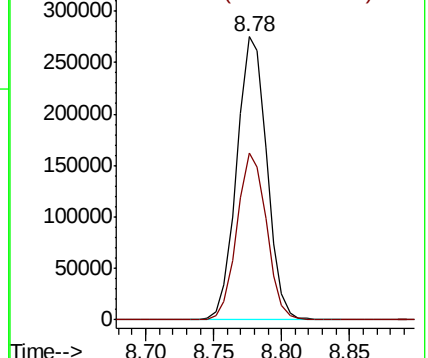
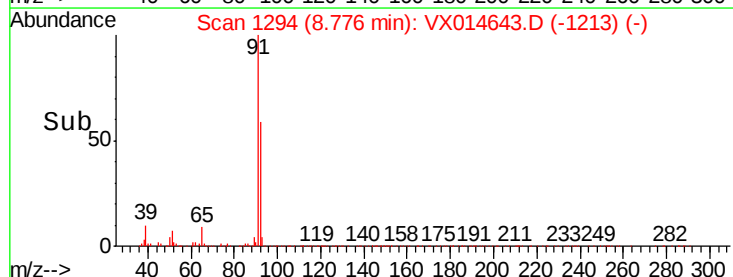
91 100

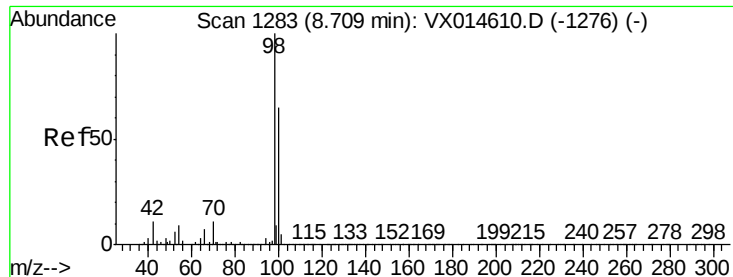
92 58.1 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

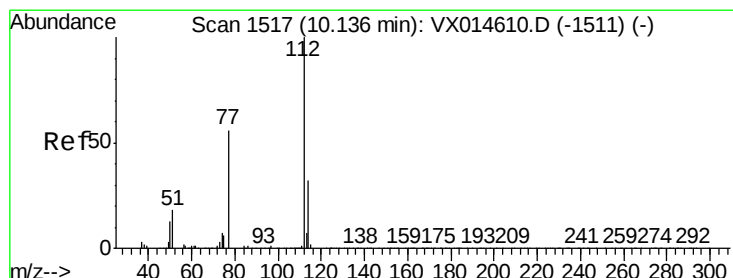
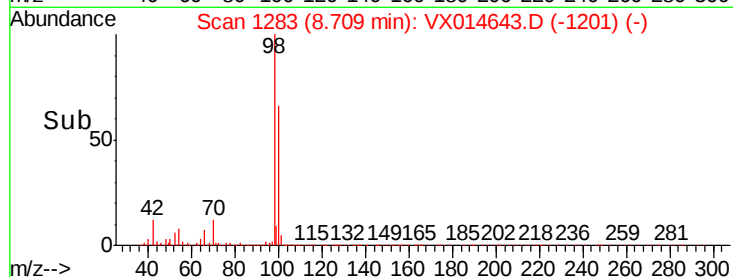
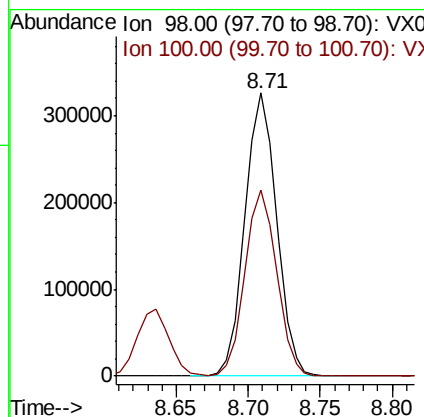
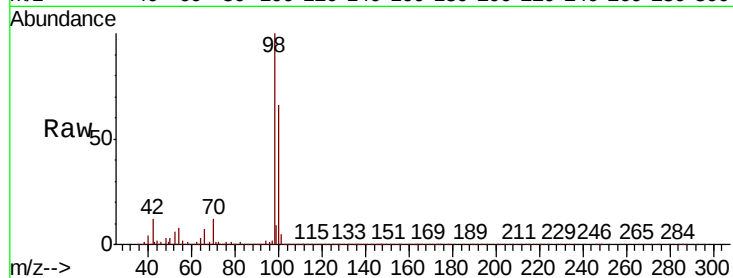




#63
Toluene-d8
Concen: 30.809 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

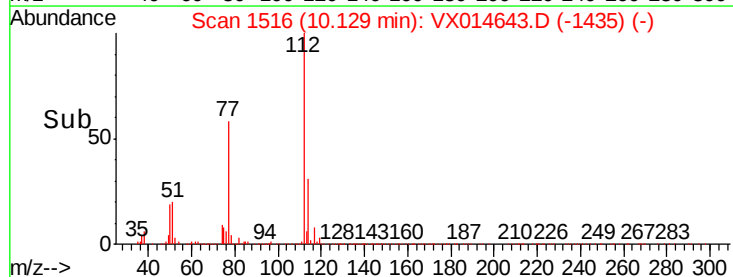
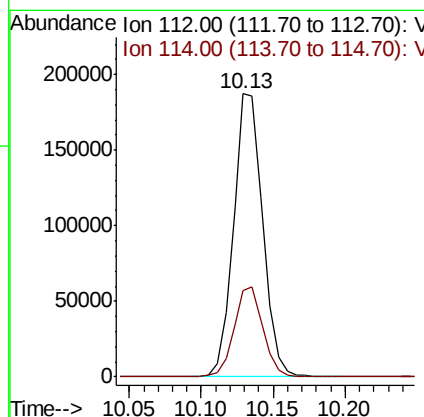
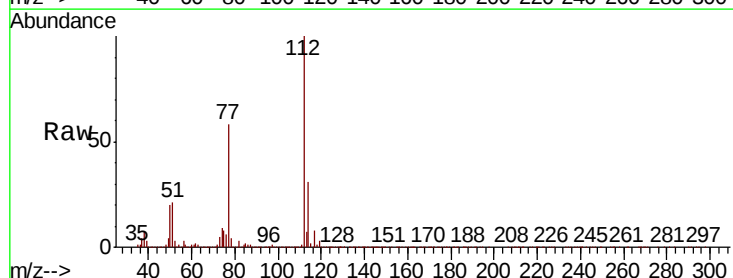
Instrument :
MSVOA_X
ClientSampleId :

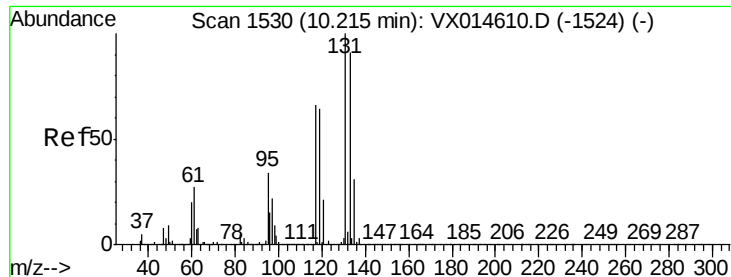
Tot Ion: 98 Resp: 499636
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#64
Chlorobenzene
Concen: 22.280 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 112 Resp: 264927
Ion Ratio Lower Upper
112 100
114 30.5 24.4 36.6

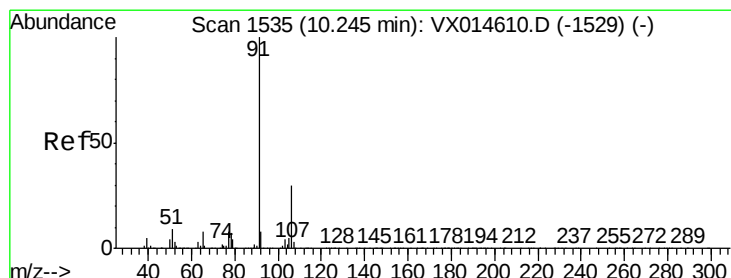
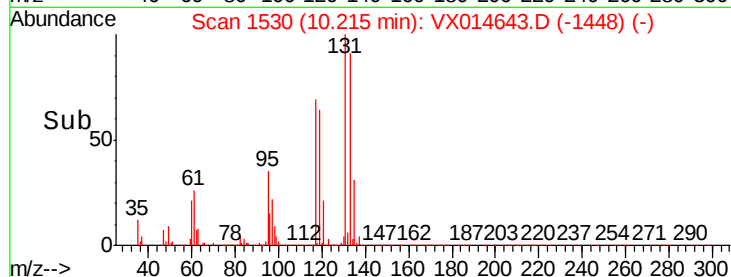
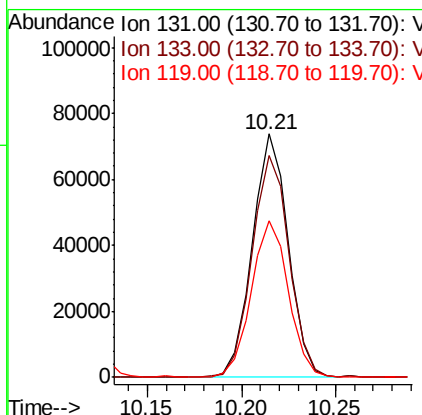
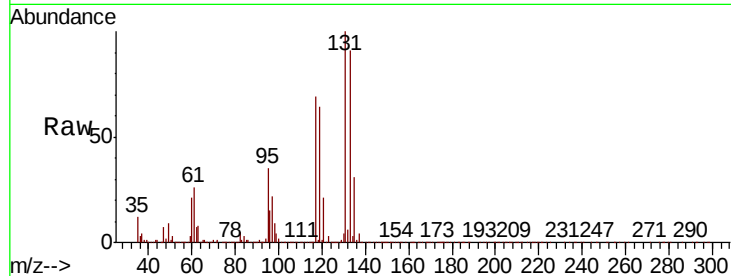




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.265 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

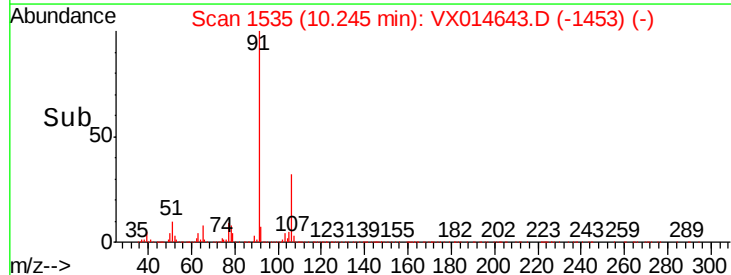
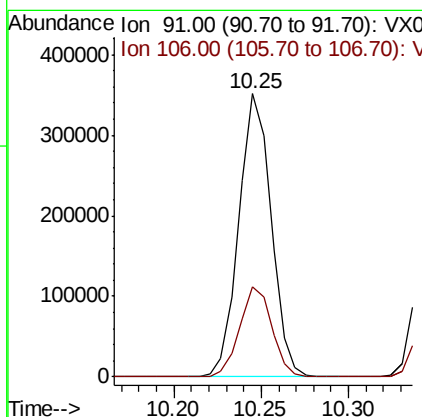
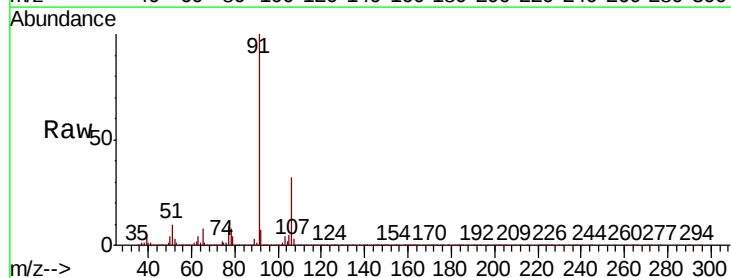
Instrument :
 MSVOA_X
 ClientSampleId :

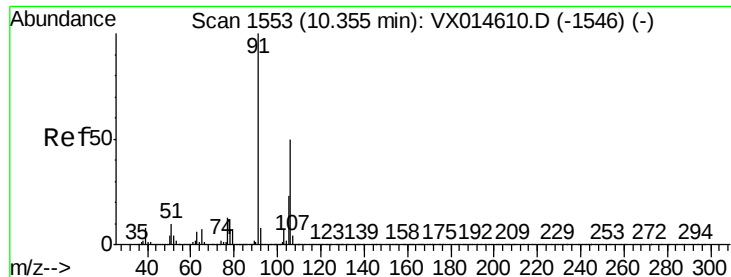
Tot Ion:131 Resp: 97781
 Ion Ratio Lower Upper
 131 100
 133 93.7 0.0 189.8
 119 66.3 0.0 132.2



#66
 Ethyl Benzene
 Concen: 21.904 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Tgt Ion: 91 Resp: 454464
 Ion Ratio Lower Upper
 91 100
 106 32.0 24.2 36.2





#67

m/p-Xylenes

Concen: 44.144 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

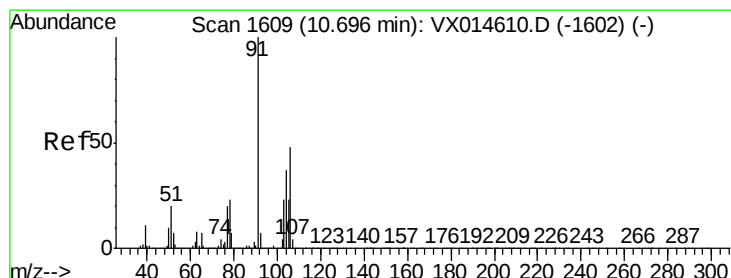
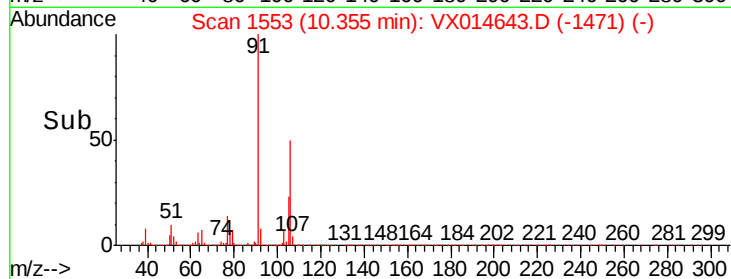
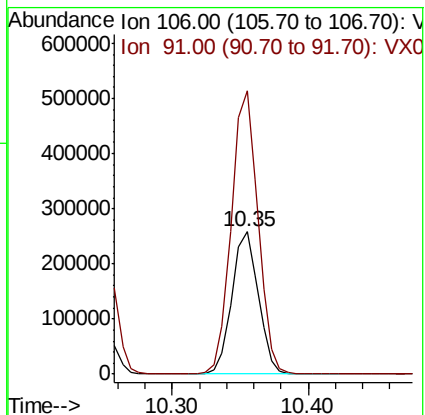
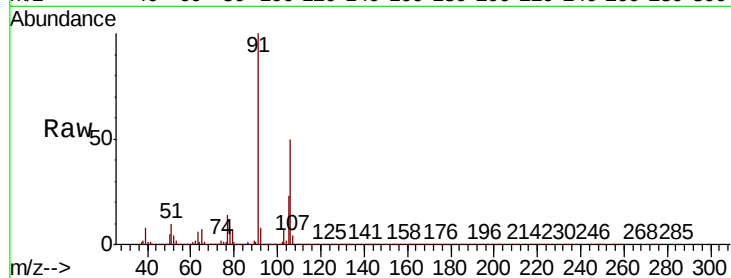
ClientSampleId :

Tot Ion:106 Resp: 350820

Ion Ratio Lower Upper

106 100

91 199.3 159.3 238.9



#68

o-Xylene

Concen: 21.878 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014643.D

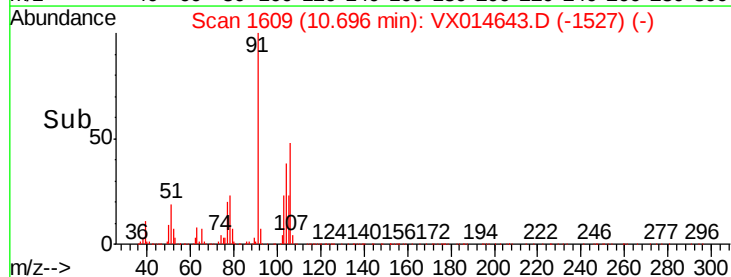
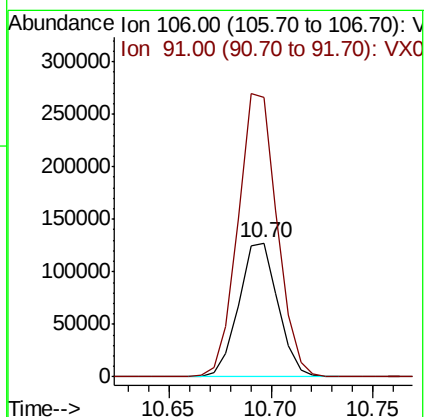
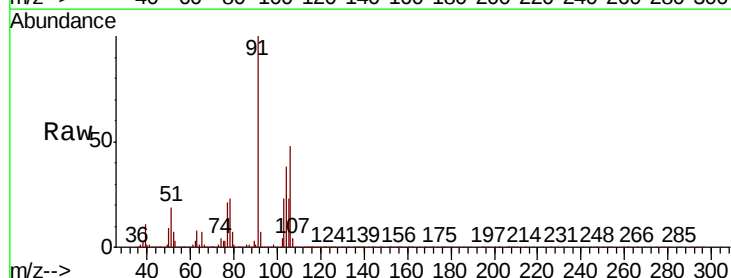
Acq: 17 Jan 2020 09:46

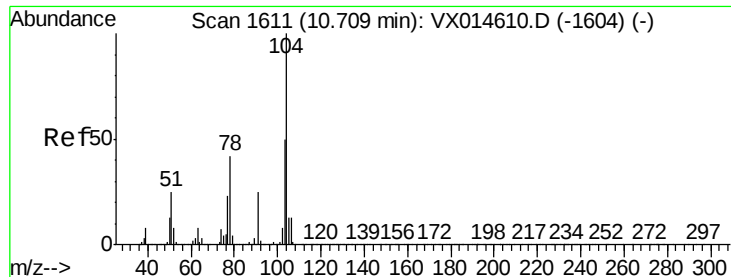
Tgt Ion:106 Resp: 169309

Ion Ratio Lower Upper

106 100

91 210.8 104.8 314.6

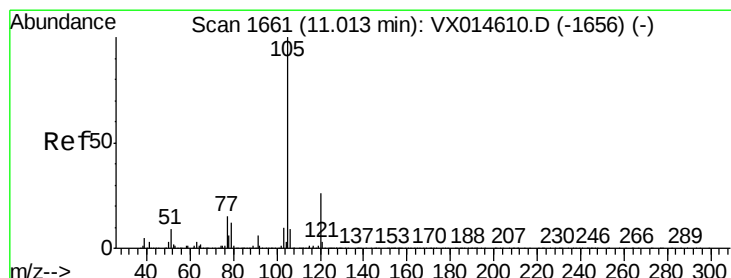
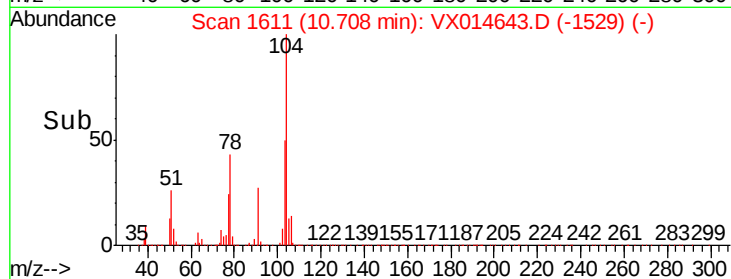
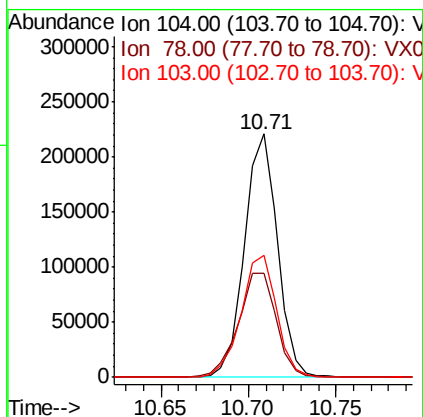
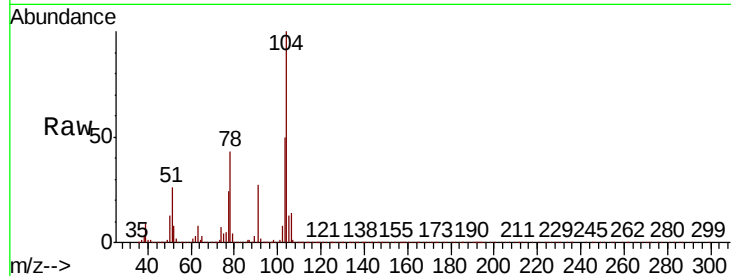




#69
Stvrene
Concen: 22.045 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

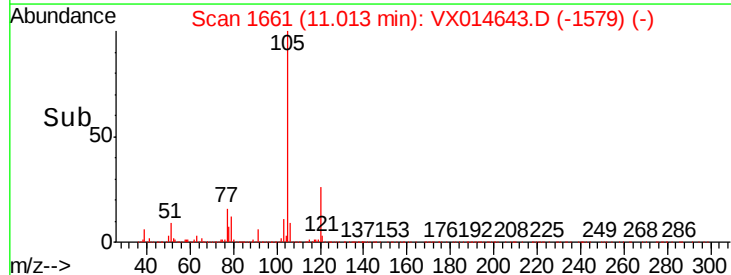
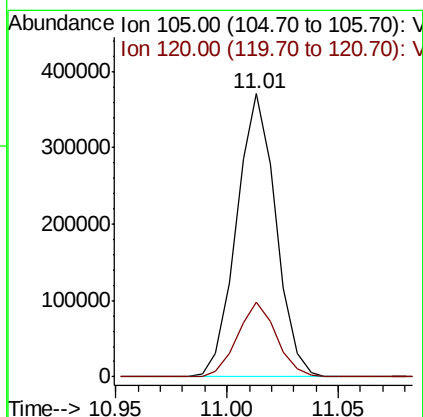
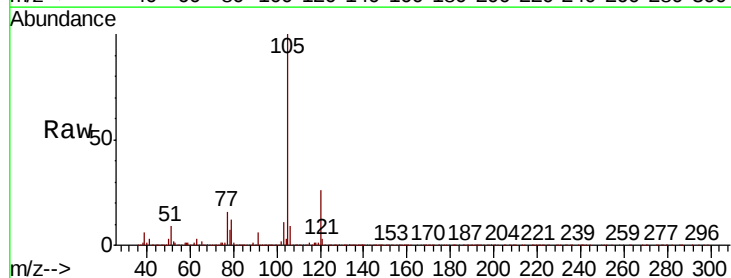
Instrument :
MSVOA_X
ClientSampleId :

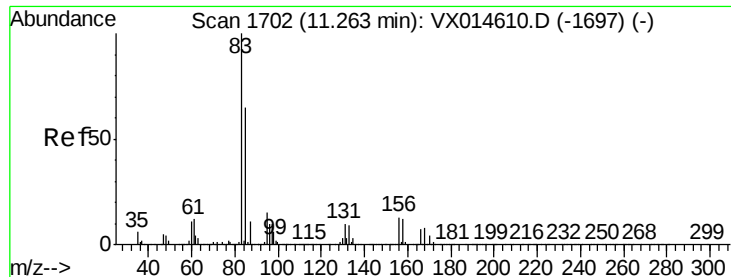
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.9	58.3
103	53.8	44.2	66.2



#70
Isopropylbenzene
Concen: 22.439 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.716 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

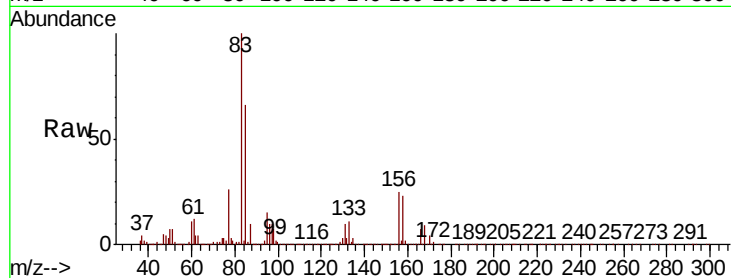
Tot Ion: 83 Resp: 141472

Ion Ratio Lower Upper

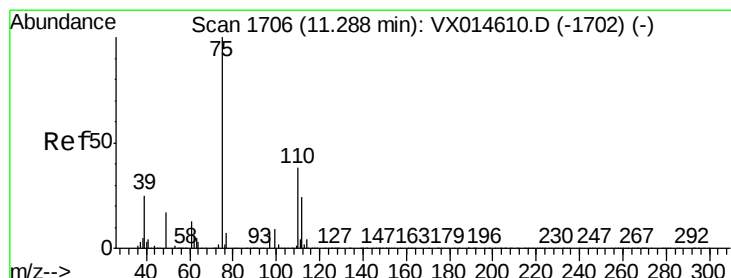
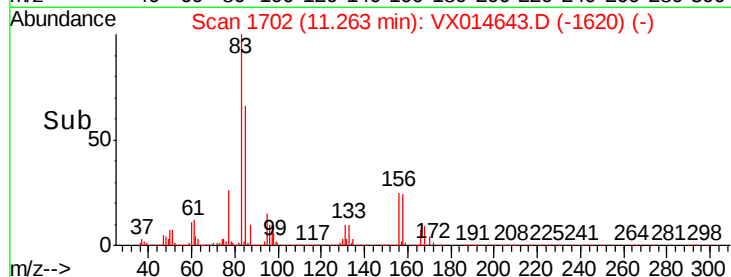
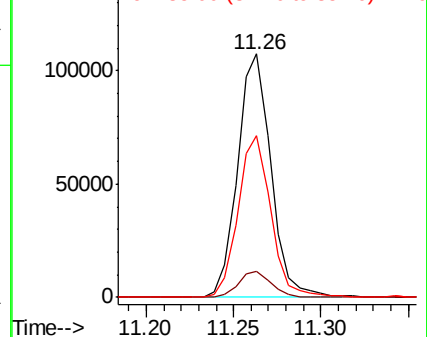
83 100

131 10.4 4.9 14.7

85 65.7 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 29.858 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014643.D

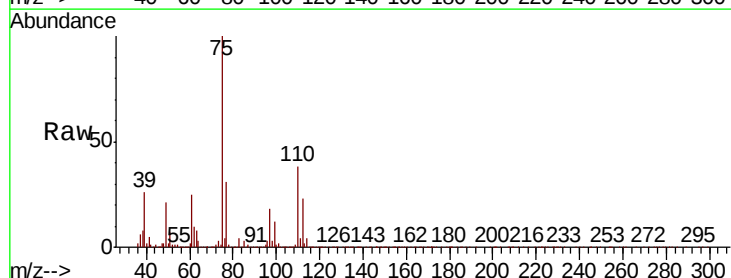
Acq: 17 Jan 2020 09:46

Tgt Ion: 75 Resp: 174419

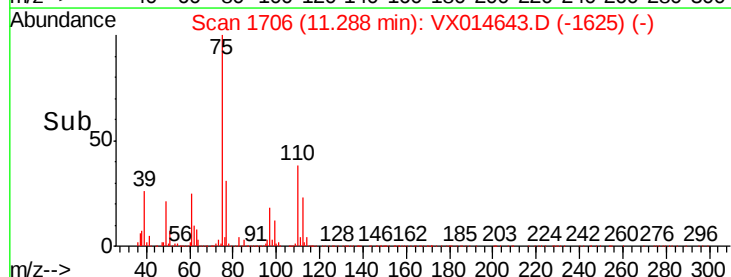
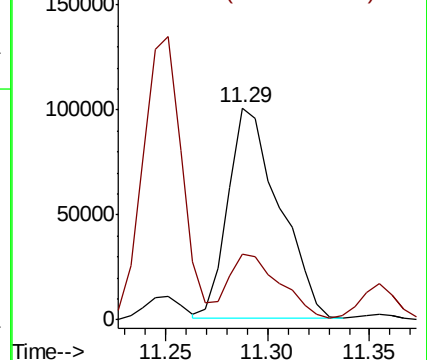
Ion Ratio Lower Upper

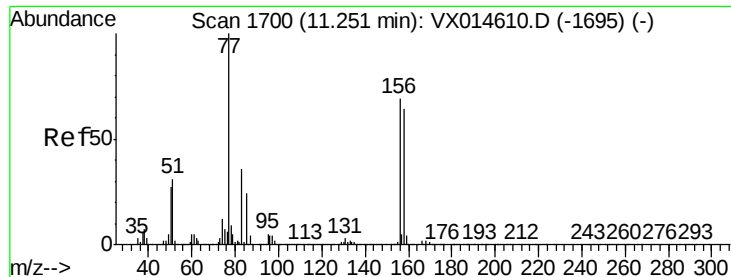
75 100

77 30.8 0.0 68.4



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





#73

Bromobenzene

Concen: 21.984 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

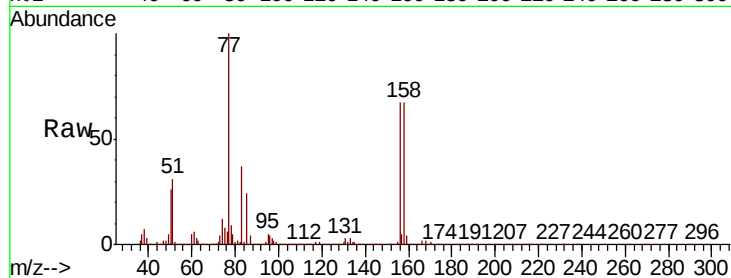
Tot Ion:156 Resp: 118150

Ion Ratio Lower Upper

156 100

77 150.1 0.0 304.6

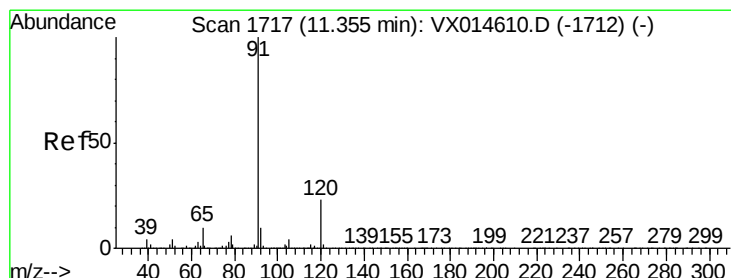
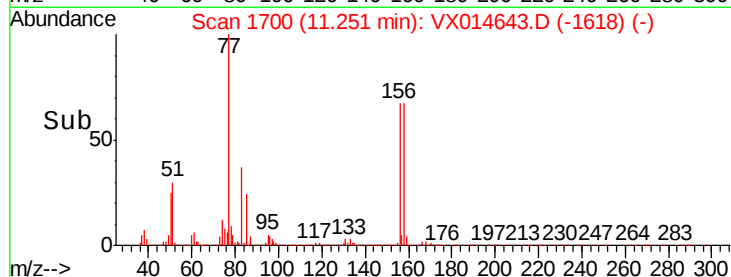
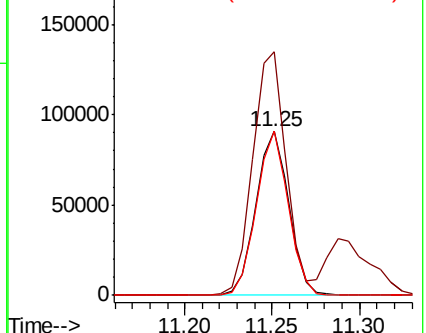
158 97.1 0.0 195.2



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: 22.409 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014643.D

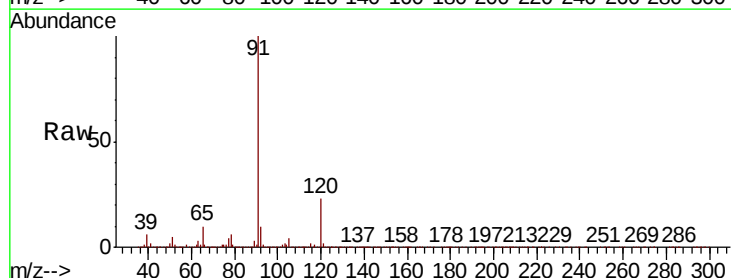
Acq: 17 Jan 2020 09:46

Tgt Ion: 91 Resp: 519142

Ion Ratio Lower Upper

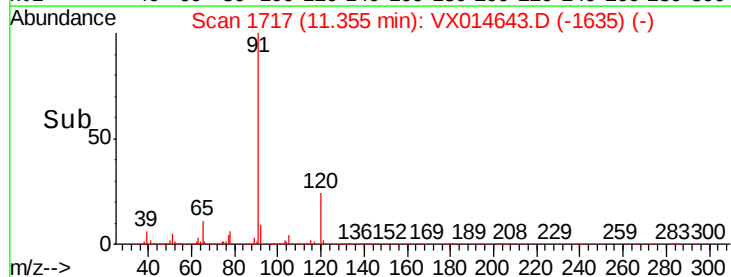
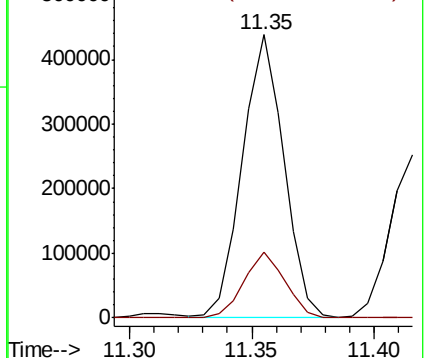
91 100

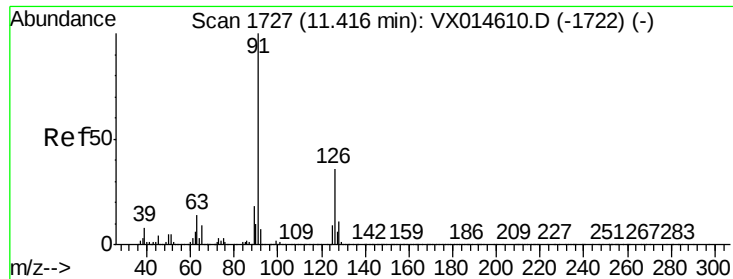
120 22.8 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

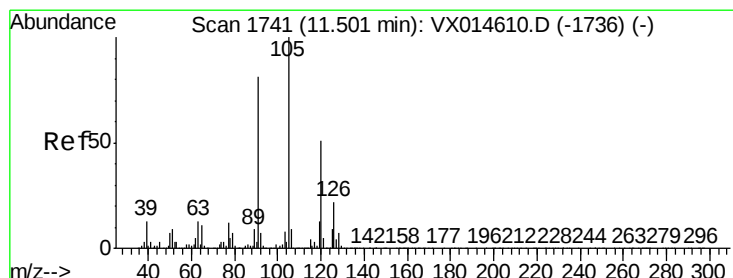
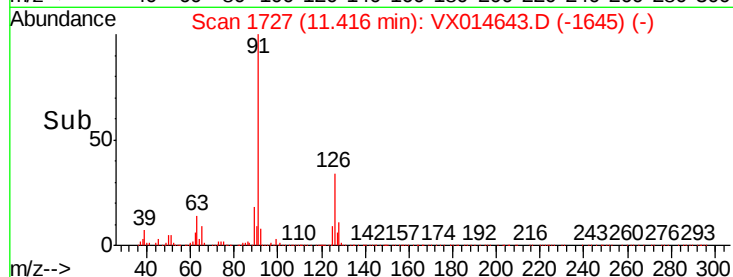
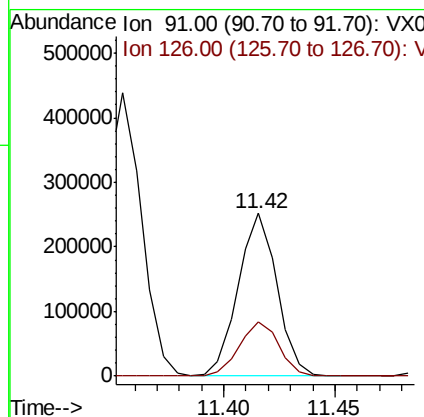
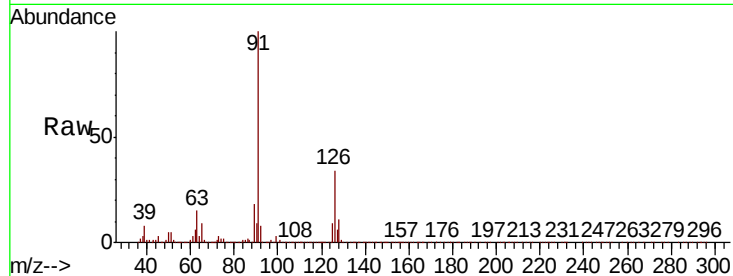




#75
 2-Chlorotoluene
 Concen: 22.096 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

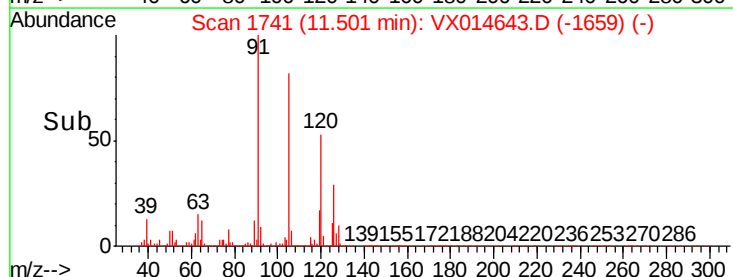
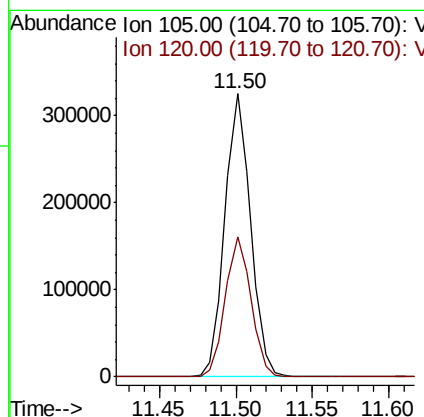
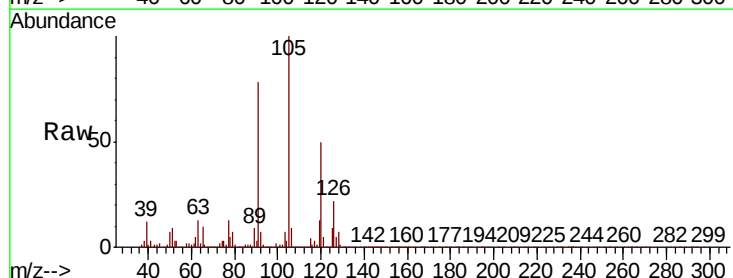
Instrument :
 MSVOA_X
 ClientSampleId :

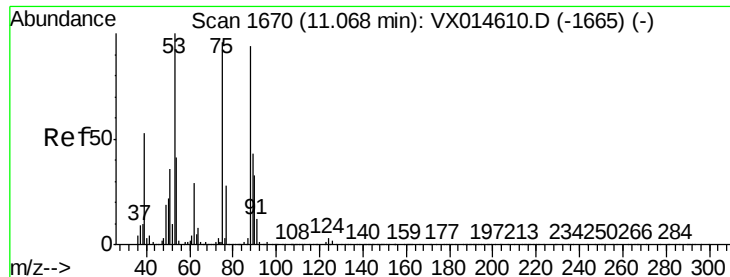
Tot Ion: 91 Resp: 306787
 Ion Ratio Lower Upper
 91 100
 126 34.1 0.0 70.8



#76
 1,3,5-Trimethylbenzene
 Concen: 22.375 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Tgt Ion: 105 Resp: 377988
 Ion Ratio Lower Upper
 105 100
 120 49.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 21.545 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

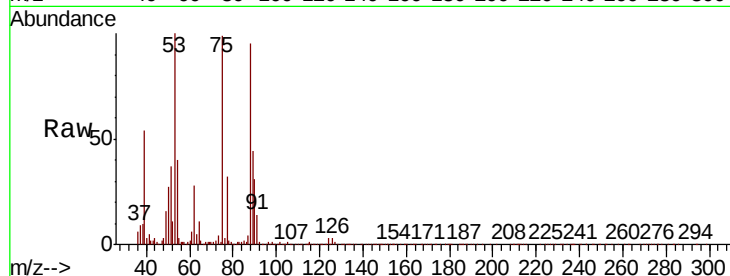
Tot Ion: 75 Resp: 48439

Ion Ratio Lower Upper

75 100

53 101.1 54.4 163.1

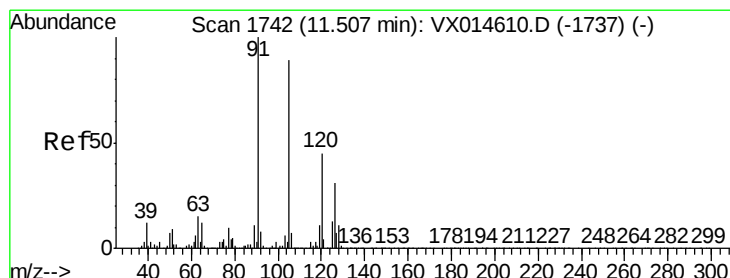
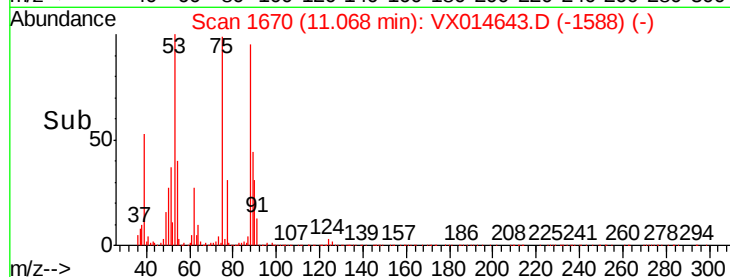
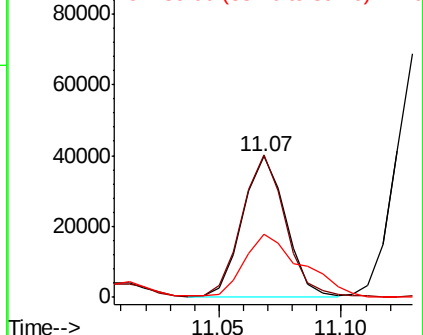
89 43.5 21.9 65.5



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: 22.176 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014643.D

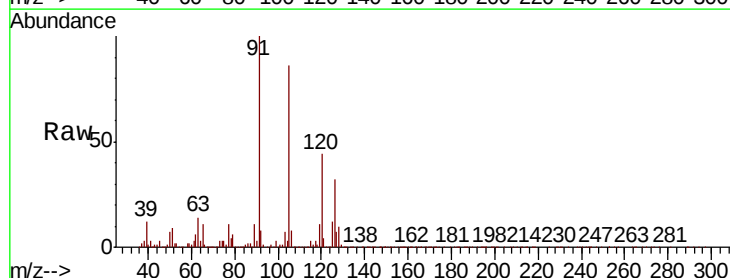
Acq: 17 Jan 2020 09:46

Tgt Ion: 91 Resp: 349667

Ion Ratio Lower Upper

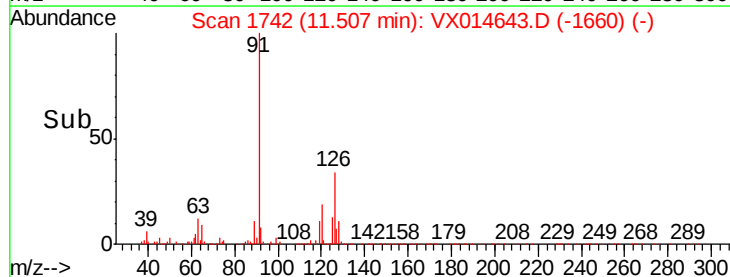
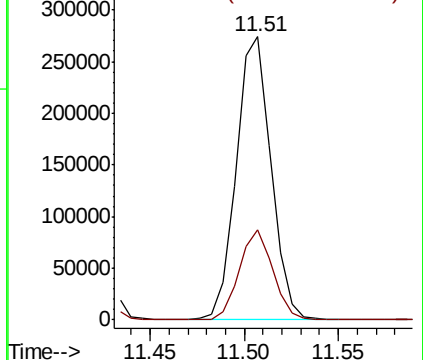
91 100

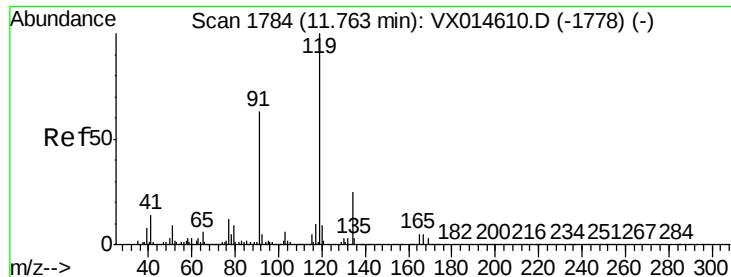
126 30.8 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

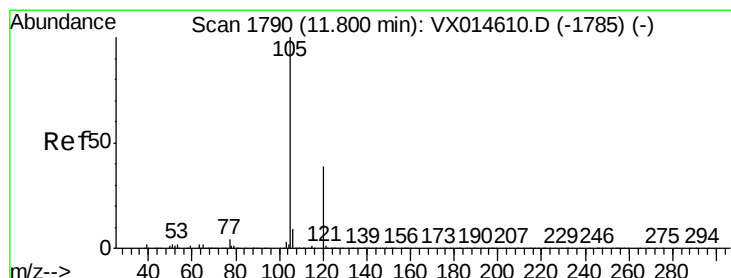
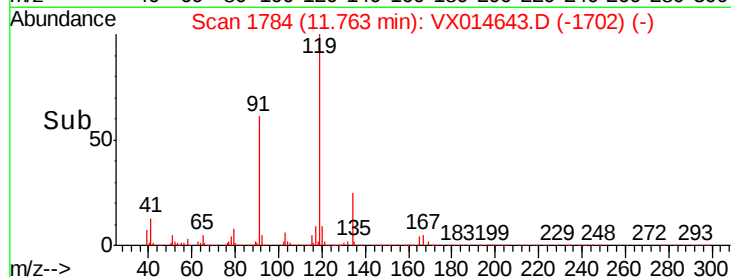
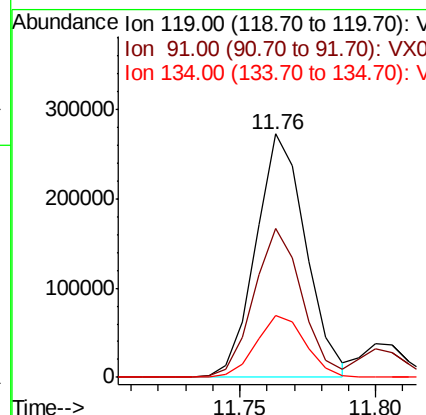
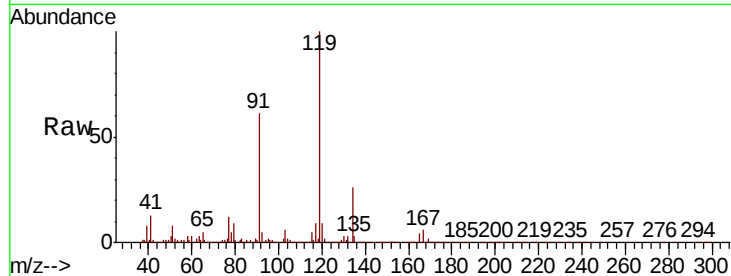




#79
tert-butylbenzene
Concen: 21.905 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

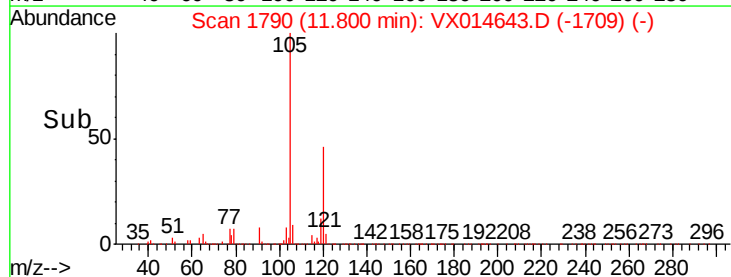
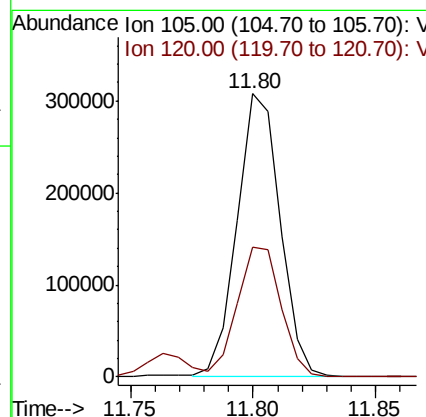
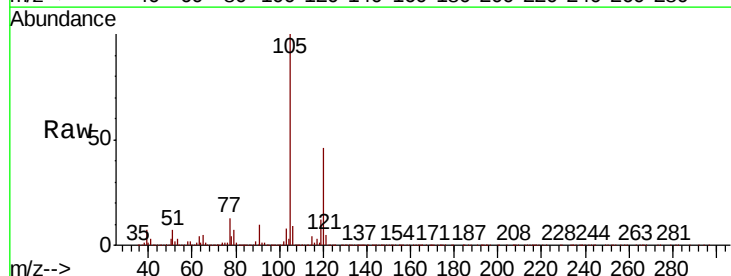
Instrument :
MSVOA_X
ClientSampleId :

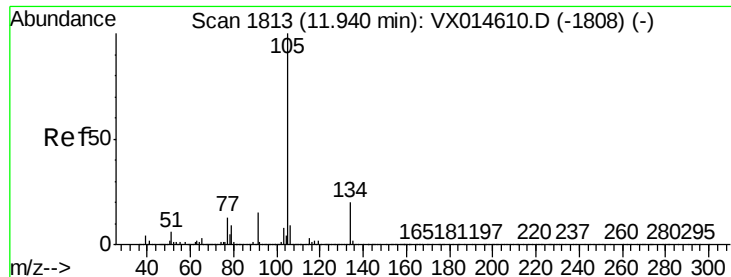
Tot Ion:119 Resp: 346251
Ion Ratio Lower Upper
119 100
91 59.4 0.0 112.6
134 25.2 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 22.363 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion:105 Resp: 376797
Ion Ratio Lower Upper
105 100
120 46.7 0.0 92.0





#81

sec-Butylbenzene

Concen: 21.802 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :

MSVOA_X

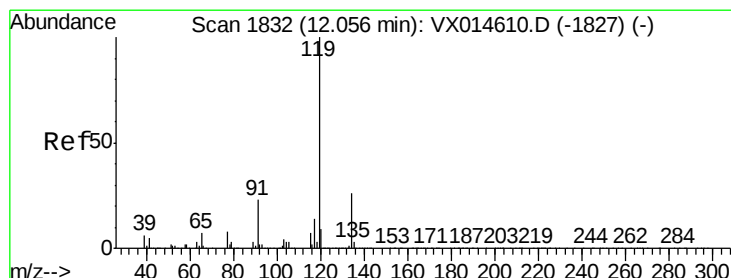
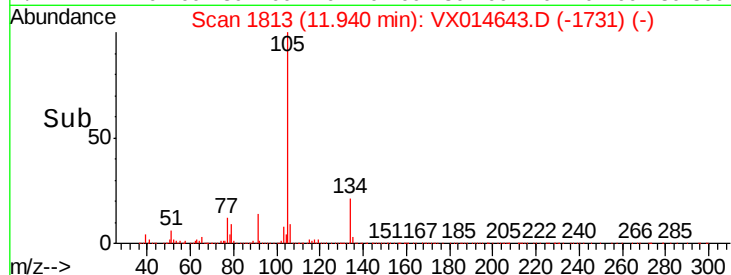
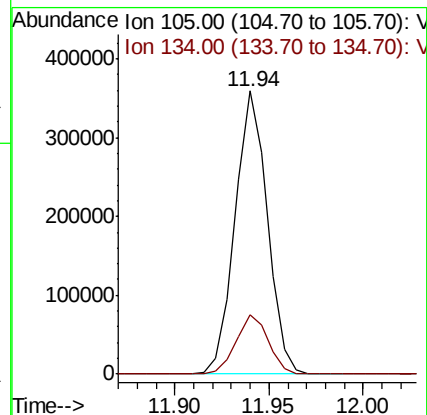
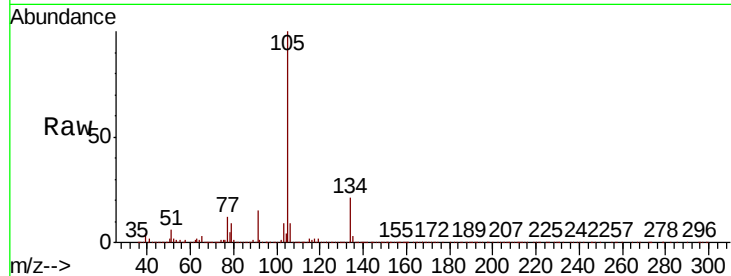
ClientSampleId :

Tot Ion:105 Resp: 426443

Ion Ratio Lower Upper

105 100

134 21.0 0.0 40.2



#82

p-Isopropyltoluene

Concen: 22.353 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

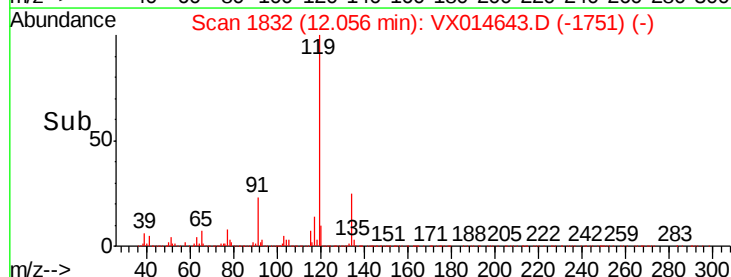
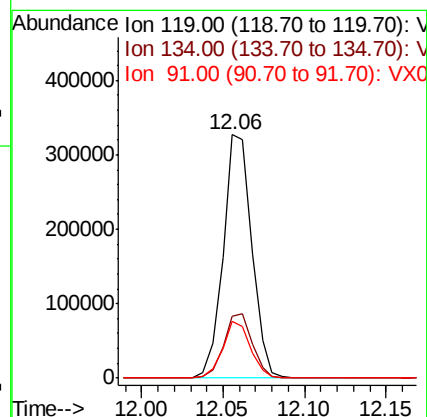
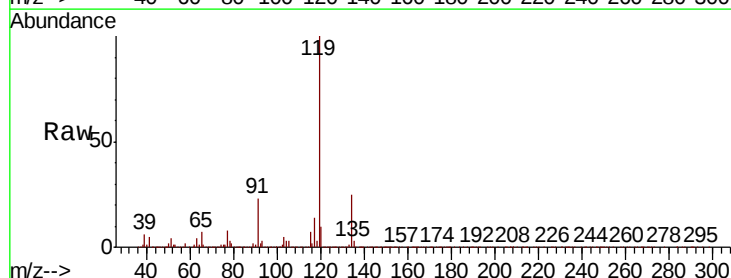
Tgt Ion:119 Resp: 399142

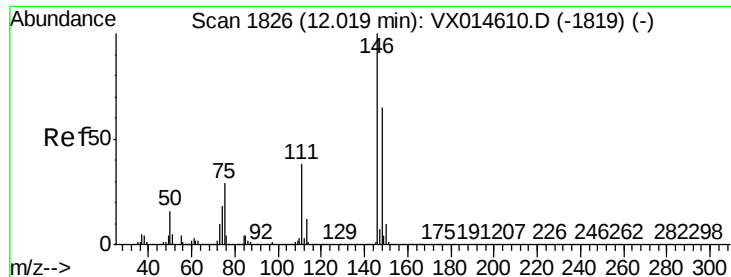
Ion Ratio Lower Upper

119 100

134 26.2 0.0 53.8

91 22.3 0.0 45.0

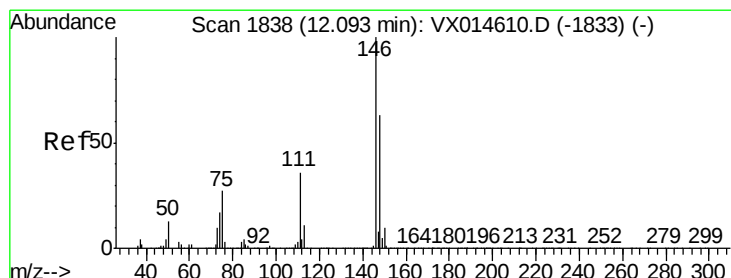
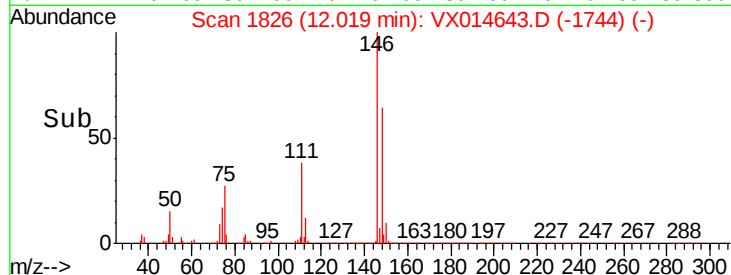
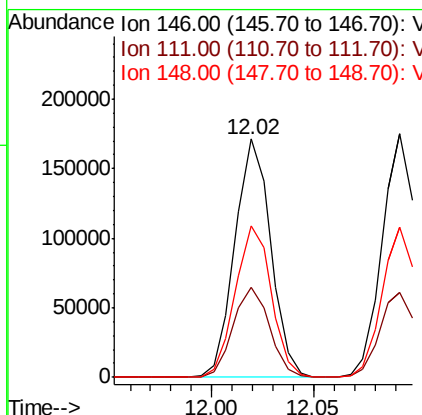
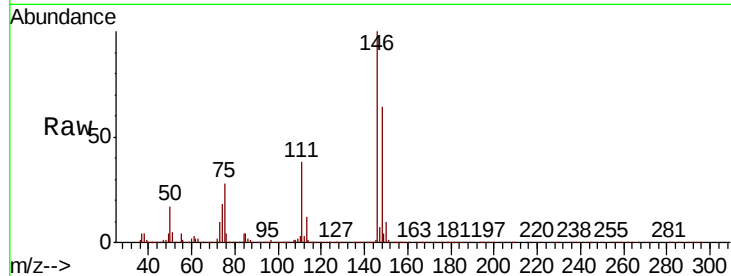




#83
 1,3-Dichlorobenzene
 Concen: 22.332 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

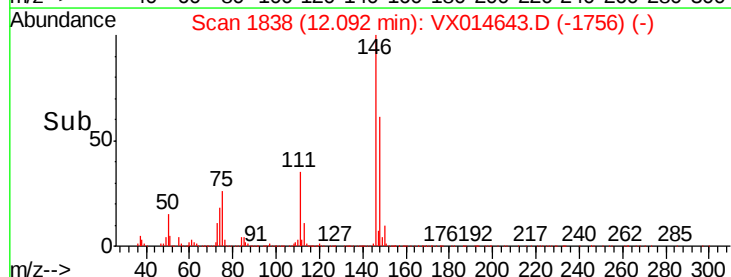
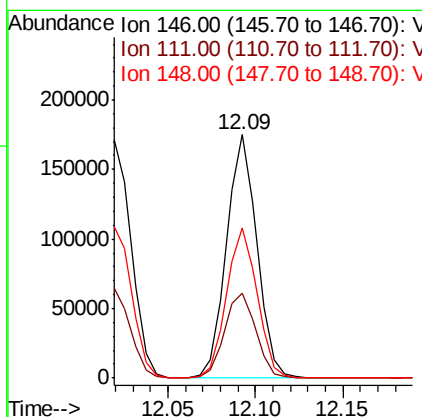
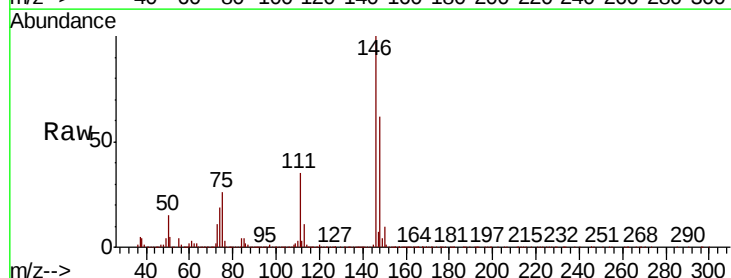
Instrument :
 MSVOA_X
 ClientSampleId :

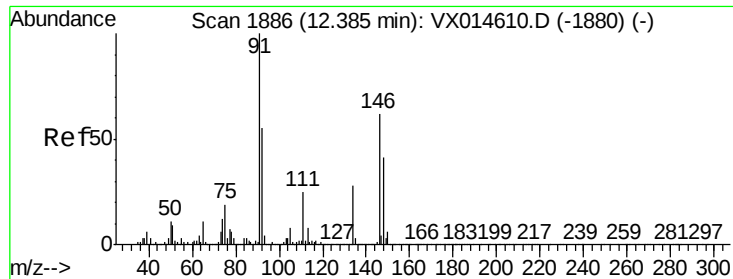
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	63.7	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 22.644 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.4	55.4
148	62.2	32.0	96.0

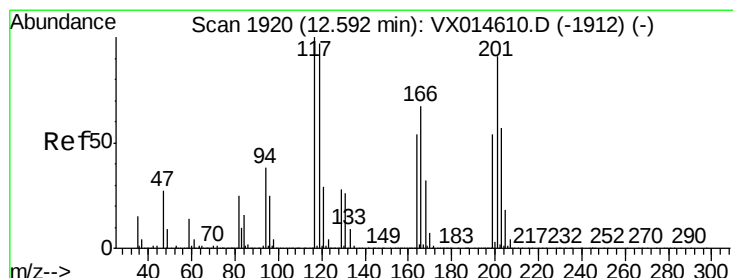
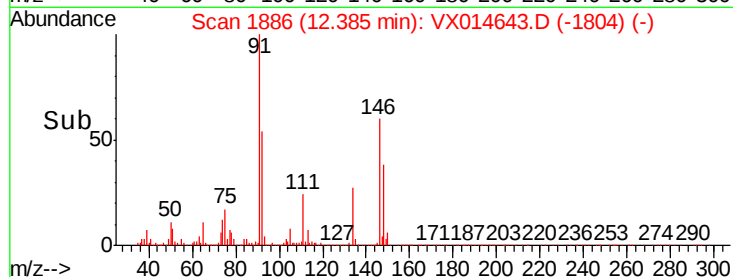
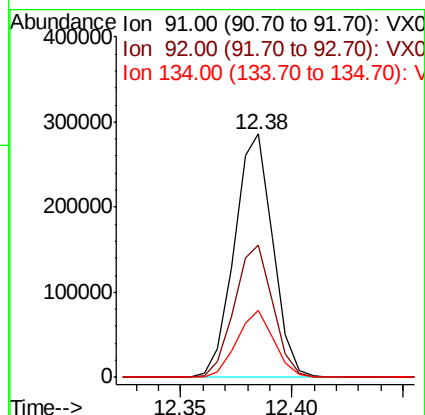
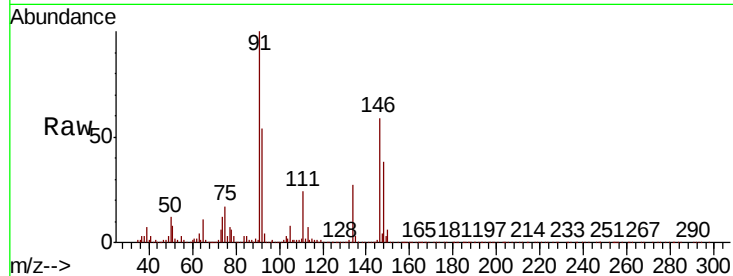




#85
n-Butylbenzene
Concen: 21.872 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

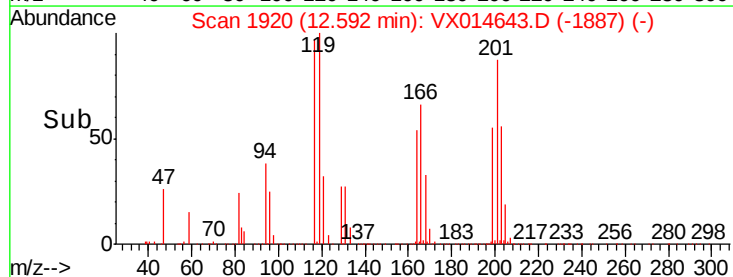
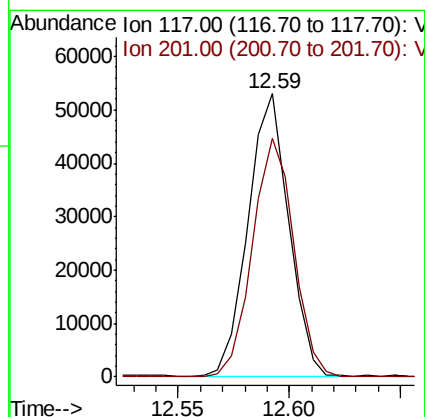
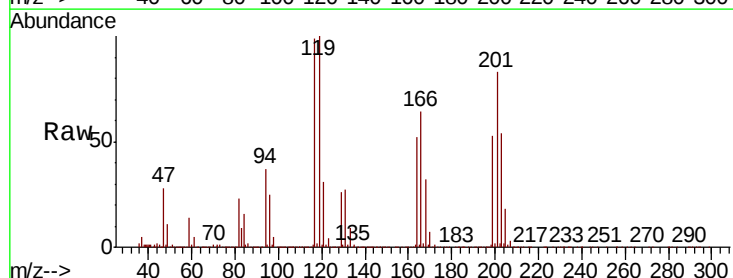
Instrument :
MSVOA_X
ClientSampleId :

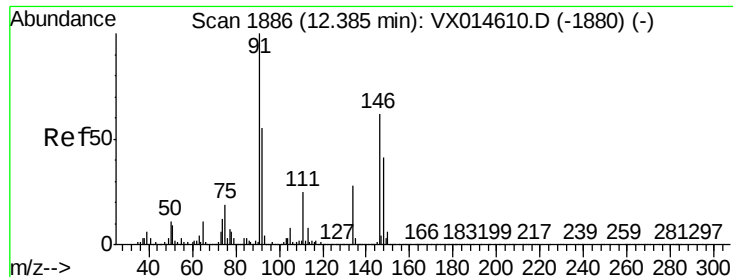
Tot Ion: 91 Resp: 341717
Ion Ratio Lower Upper
91 100
92 54.4 0.0 109.0
134 26.6 0.0 54.0



#86
Hexachloroethane
Concen: 21.190 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion: 117 Resp: 67853
Ion Ratio Lower Upper
117 100
201 85.1 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 21.953 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

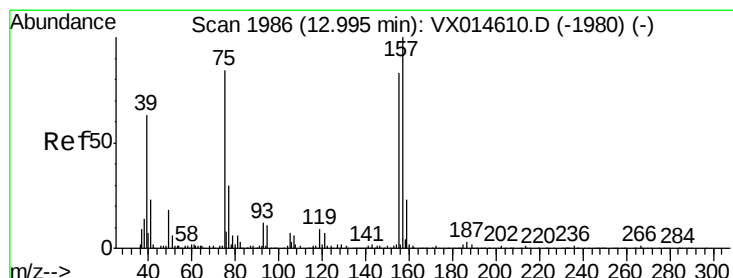
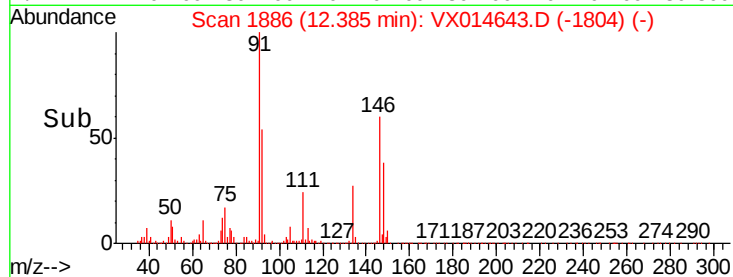
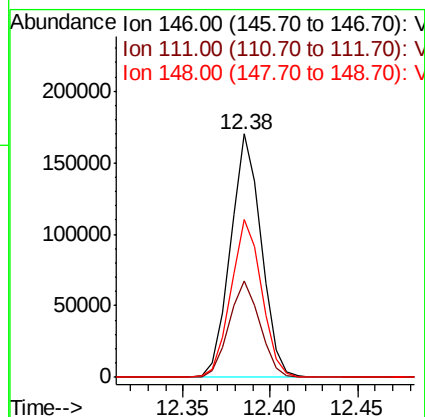
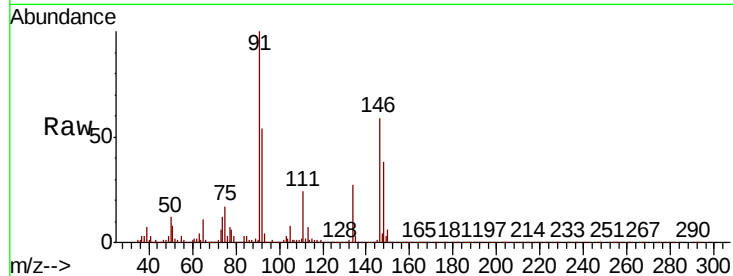
Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 207858

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	64.7	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.103 ug/l

RT: 12.99 min Scan# 1986

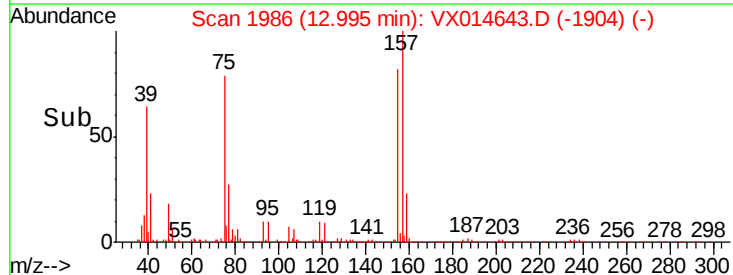
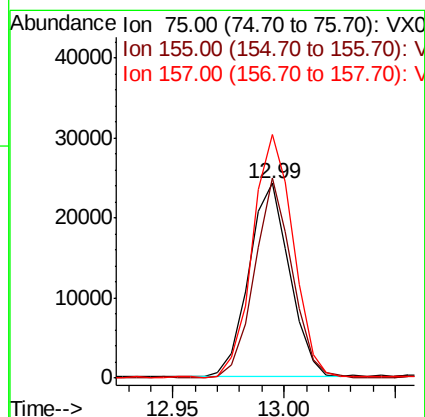
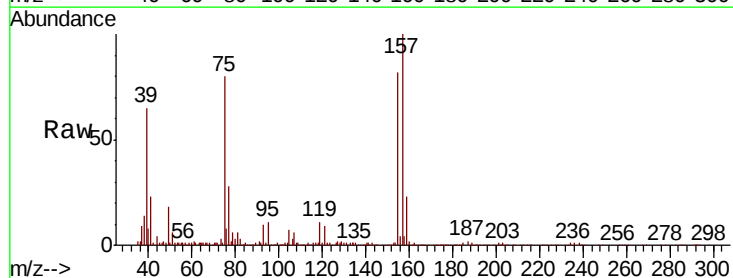
Delta R.T. -0.00 min

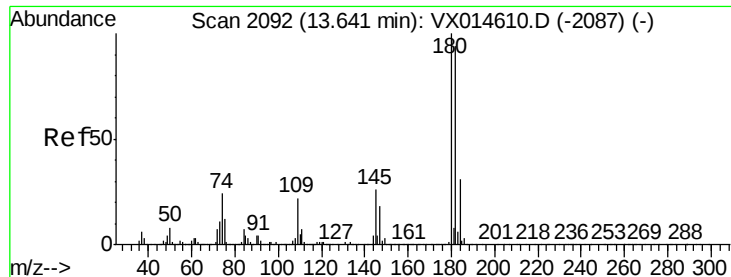
Lab File: VX014643.D

Acq: 17 Jan 2020 09:46

Tgt Ion: 75 Resp: 30785

Ion	Ratio	Lower	Upper
75	100		
155	95.6	73.8	110.6
157	125.9	95.0	142.4

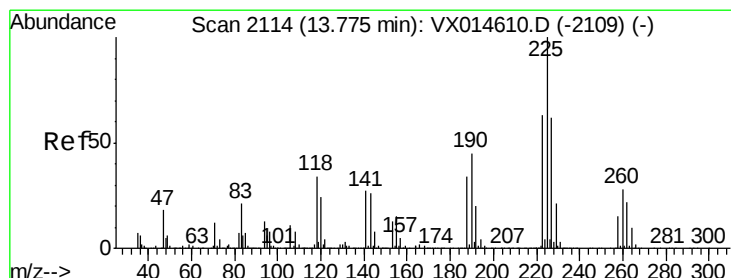
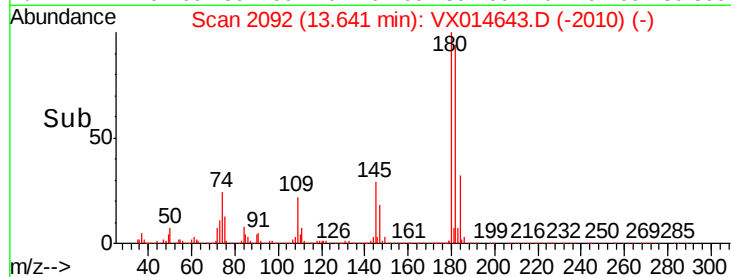
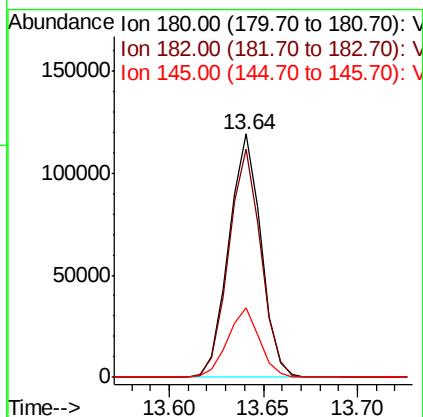
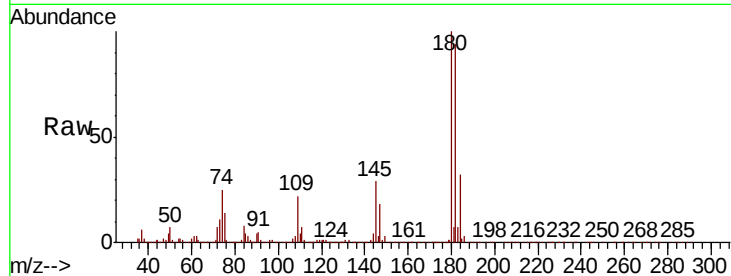




#89
 1,2,4-Trichlorobenzene
 Concen: 22.568 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

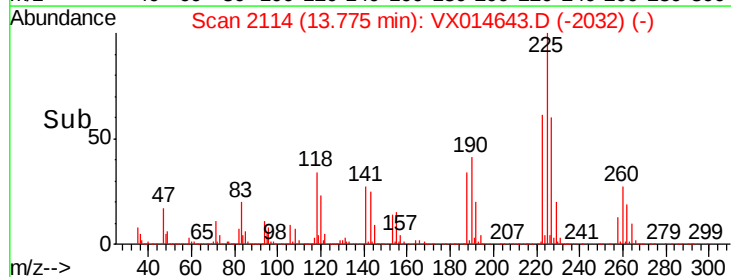
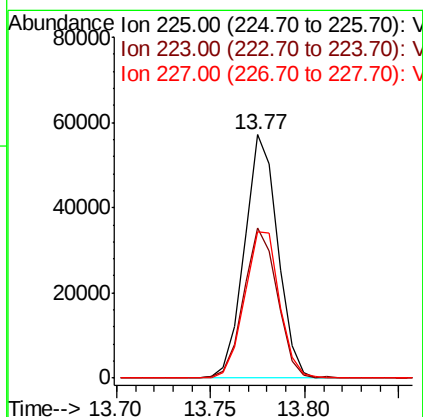
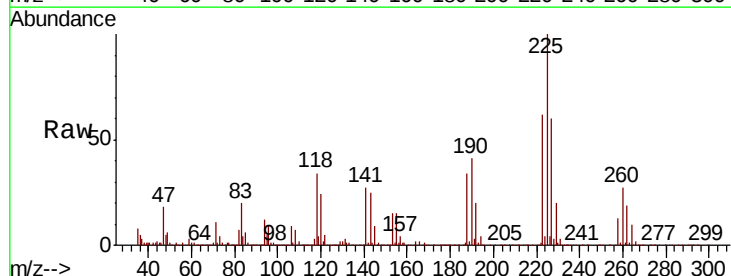
Instrument :
 MSVOA_X
 ClientSampleId :

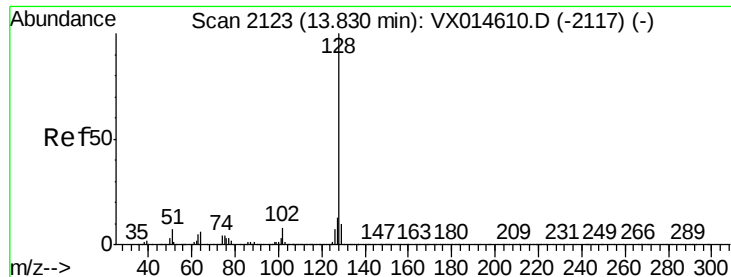
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	28.3	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 22.405 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014643.D
 Acq: 17 Jan 2020 09:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	127.4
227	63.0	0.0	122.8

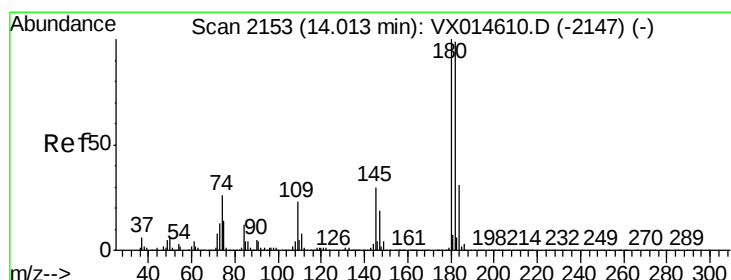
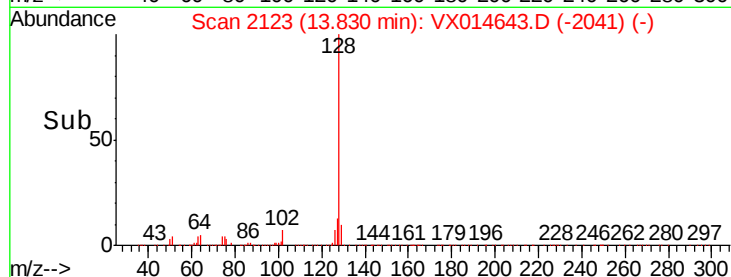
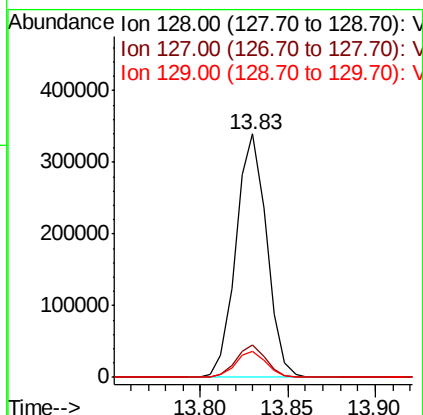
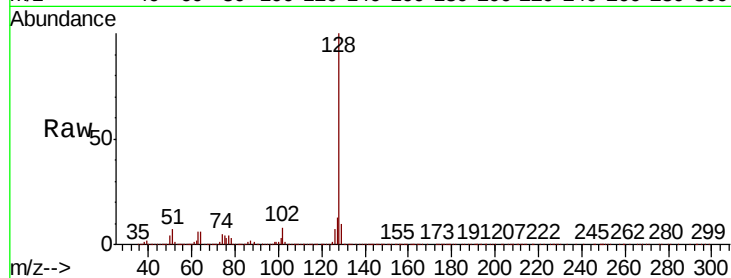




#91
Naphthalene
Concen: 21.950 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 414103
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.5 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 22.143 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014643.D
Acq: 17 Jan 2020 09:46

Tgt Ion:180 Resp: 140857
Ion Ratio Lower Upper
180 100
182 95.4 0.0 192.8
145 30.5 0.0 60.0

