

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014742.D
 Acq On : 28 Jan 2020 11:21
 Operator : JC/SP
 Sample : VX0128WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:16:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	600318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	253728	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
35) Dibromofluoromethane	5.48	113	206340	49.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	803007	50.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	280209	48.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	111109	18.814	ug/l	99
3) Chloromethane	1.32	50	109201	18.020	ug/l	98
4) Vinyl Chloride	1.40	62	124306	18.971	ug/l	98
5) Bromomethane	1.63	94	71826	16.139	ug/l	99
6) Chloroethane	1.72	64	74585	19.039	ug/l	98
7) Trichlorofluoromethane	1.92	101	142340	18.657	ug/l	98
8) Diethyl Ether	2.18	74	60308	18.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85282	19.041	ug/l	98
10) Methyl Iodide	2.50	142	100970	17.181	ug/l	99
11) Tert butyl alcohol	3.02	59	97337	82.880	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80644	18.110	ug/l	99
13) Acrolein	2.28	56	62196	67.165	ug/l	99
14) Allyl chloride	2.72	41	142879	17.851	ug/l	98
15) Acrylonitrile	3.12	53	239199	88.026	ug/l	99
16) Acetone	2.43	43	232429	81.172	ug/l	99
17) Carbon Disulfide	2.56	76	208966	17.169	ug/l	99
18) Methyl Acetate	2.76	43	145961	17.836	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	266926	18.300	ug/l	98
20) Methylene Chloride	2.84	84	94077	17.733	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86273	17.595	ug/l	96
22) Diisopropyl ether	3.84	45	299416	18.802	ug/l	93
23) Vinyl Acetate	3.80	43	1128750	92.983	ug/l	99
24) 1,1-Dichloroethane	3.69	63	159603	18.455	ug/l	98
25) 2-Butanone	4.65	43	341042	83.026	ug/l	97
26) 2,2-Dichloropropane	4.57	77	128170	18.516	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	98680	17.982	ug/l	99
28) Bromochloromethane	5.00	49	73716	19.397	ug/l	95
29) Tetrahydrofuran	5.11	42	210646	86.402	ug/l	99
30) Chloroform	5.20	83	155071	18.101	ug/l	96
31) Cyclohexane	5.57	56	149056	18.325	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	131513	18.161	ug/l	99
36) 1,1-Dichloropropene	5.79	75	117395	19.088	ug/l	99
37) Ethyl Acetate	4.81	43	132279	18.779	ug/l	99
38) Carbon Tetrachloride	5.77	117	113264	19.284	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	146476	19.011	ug/l	94
40) Benzene	6.13	78	359896	18.939	ug/l	98
41) Methacrylonitrile	5.03	41	72460	17.867	ug/l	99
42) 1,2-Dichloroethane	6.18	62	128405	19.568	ug/l	100
43) Isopropyl Acetate	6.43	43	206254	17.881	ug/l	99
44) Trichloroethene	7.20	130	99004	18.445	ug/l	96
45) 1,2-Dichloropropane	7.50	63	93778	19.156	ug/l	98
46) Dibromomethane	7.65	93	59860	18.880	ug/l	97
47) Bromodichloromethane	7.89	83	116778	18.779	ug/l	99
48) Methyl methacrylate	7.76	41	102460	18.591	ug/l	99
49) 1,4-Dioxane	7.73	88	44011	376.725	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	665491	91.412	ug/l	99
52) Toluene	8.78	92	227185	19.449	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	126253	18.855	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141048	19.148	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92145	19.267	ug/l	97
56) Ethyl methacrylate	9.17	69	136688	18.042	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157092	19.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	231134	96.100	ug/l	100
59) 2-Hexanone	9.48	43	505667	89.510	ug/l	99
60) Dibromochloromethane	9.57	129	92604	18.551	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96323	19.049	ug/l	100
64) Tetrachloroethene	9.33	164	104538	17.592	ug/l	96
65) Chlorobenzene	10.14	112	243245	18.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	89407	18.885	ug/l	99
67) Ethyl Benzene	10.25	91	426058	19.433	ug/l	100
68) m/p-Xylenes	10.36	106	322551	38.833	ug/l	98
69) o-Xylene	10.70	106	154653	19.286	ug/l	98
70) Styrene	10.71	104	264138	19.637	ug/l	99
71) Bromoform	10.85	173	68578	18.215	ug/l #	99
73) Isopropylbenzene	11.01	105	408210	19.026	ug/l	99
74) N-amyl acetate	10.89	43	172813	18.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137728	17.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	152395	21.466	ug/l	93
77) Bromobenzene	11.25	156	109161	18.938	ug/l	98
78) n-propylbenzene	11.35	91	478763	19.658	ug/l	99
79) 2-Chlorotoluene	11.42	91	283384	19.231	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	347794	19.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41127	16.486	ug/l	94
82) 4-Chlorotoluene	11.51	91	327487	19.521	ug/l	99
83) tert-Butylbenzene	11.76	119	326823	19.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	350420	19.619	ug/l	99
85) sec-Butylbenzene	11.94	105	406924	19.851	ug/l	100
86) p-Isopropyltoluene	12.06	119	372141	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193437	18.674	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193369	18.635	ug/l	99
89) n-Butylbenzene	12.39	91	314293	19.049	ug/l	99
90) Hexachloroethane	12.59	117	64543	18.342	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190887	18.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28490	17.310	ug/l	99

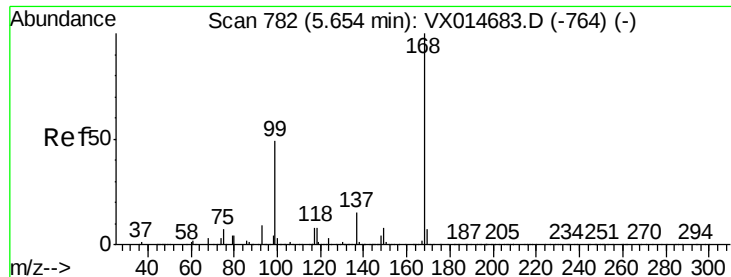
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124923	18.833	ug/l	98
94) Hexachlorobutadiene	13.78	225	67469	19.762	ug/l	98
95) Naphthalene	13.83	128	359047	17.405	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127440	19.001	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

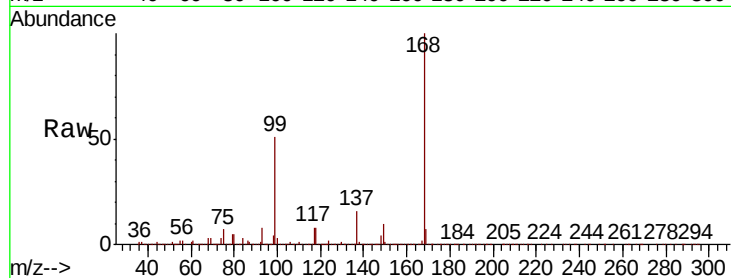
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 447958

Ion Ratio Lower Upper

168 100

99 51.4 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

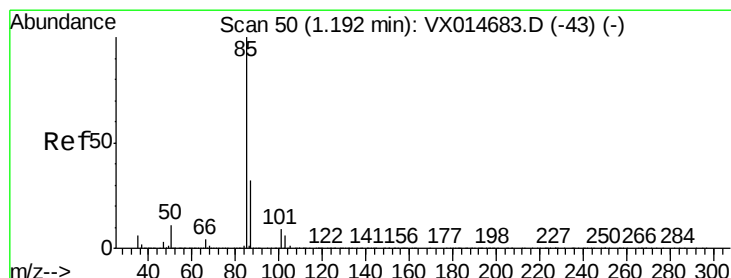
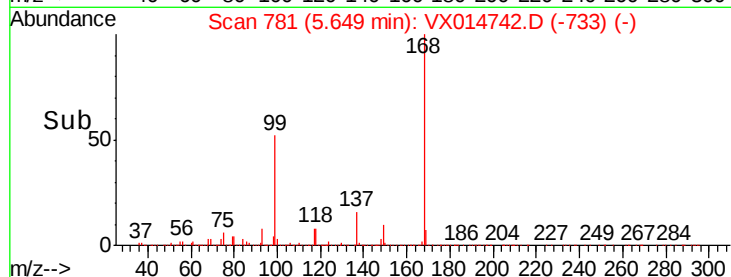
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.814 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014742.D

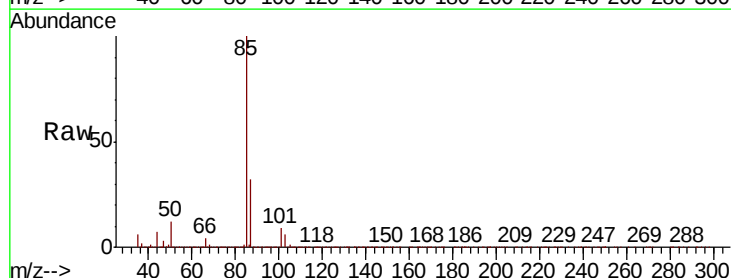
Acq: 28 Jan 2020 11:21

Tgt Ion: 85 Resp: 111109

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

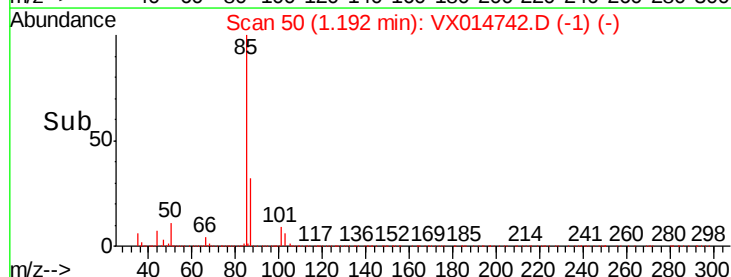
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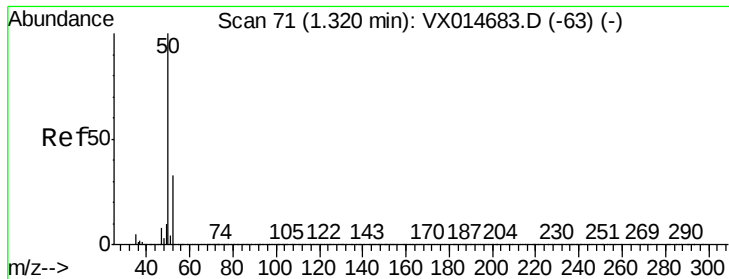
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.020 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

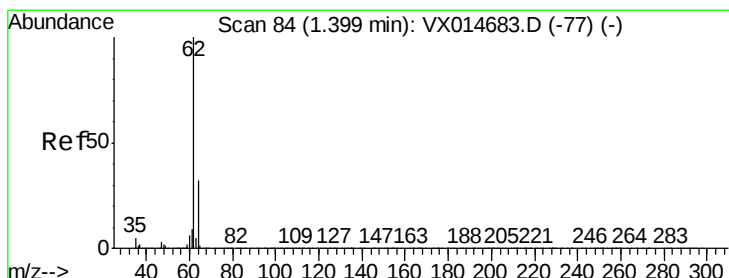
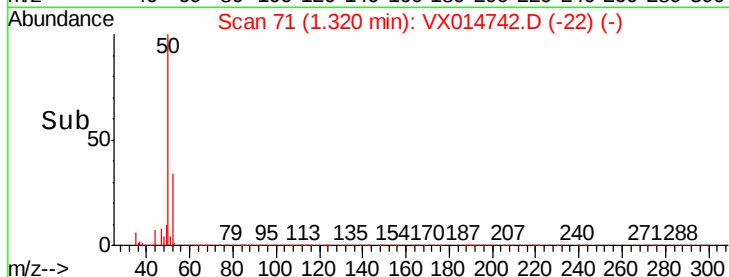
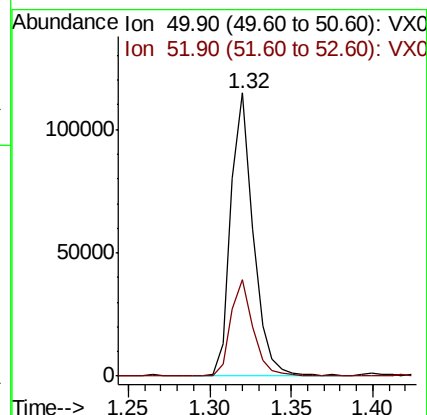
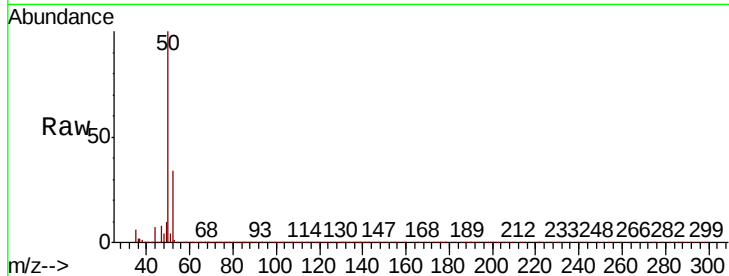
ClientSampled :

Tot Ion: 50 Resp: 109201

Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2



#4

Vinyl Chloride

Concen: 18.971 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014742.D

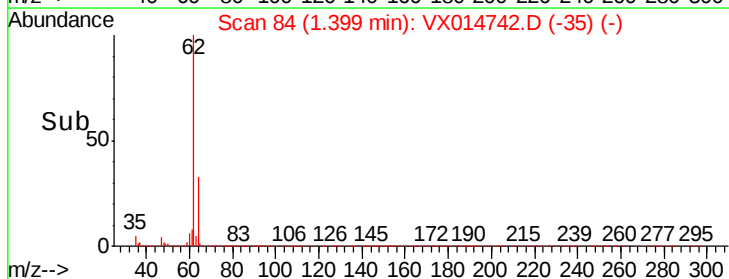
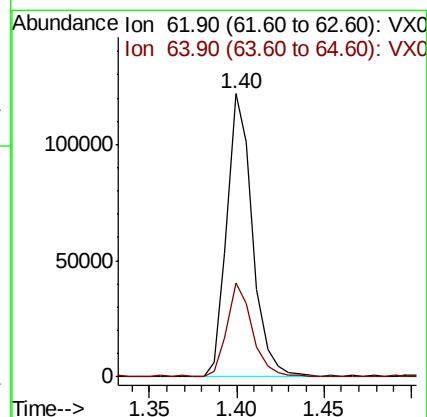
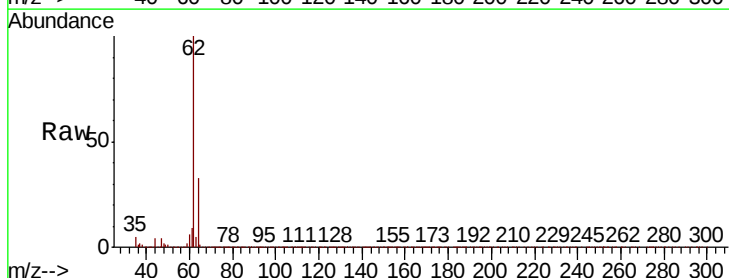
Acq: 28 Jan 2020 11:21

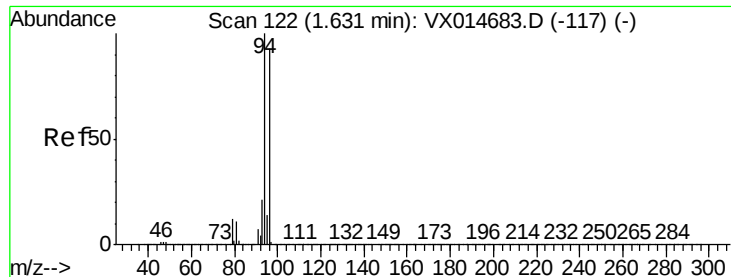
Tgt Ion: 62 Resp: 124306

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 16.139 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

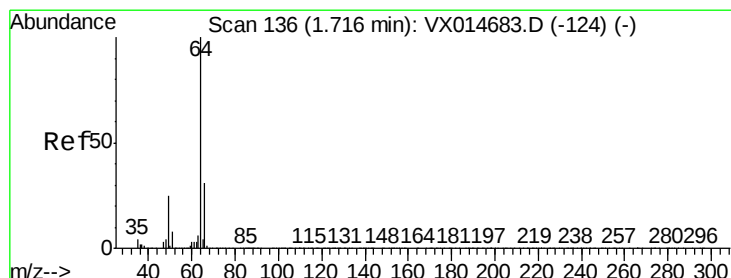
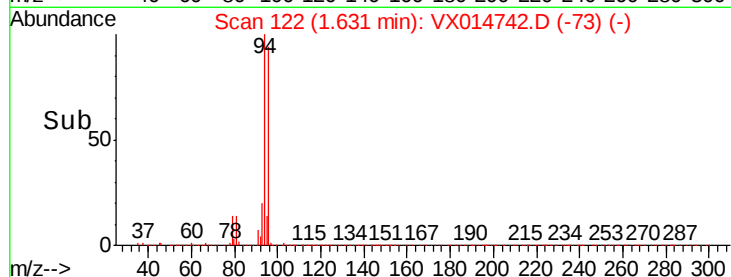
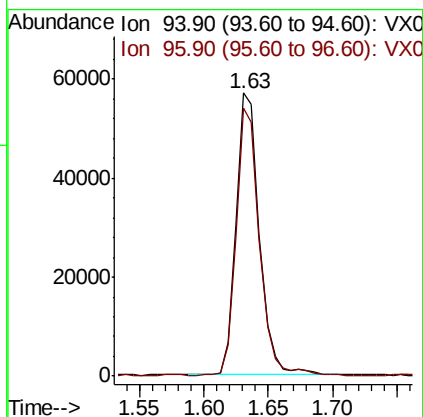
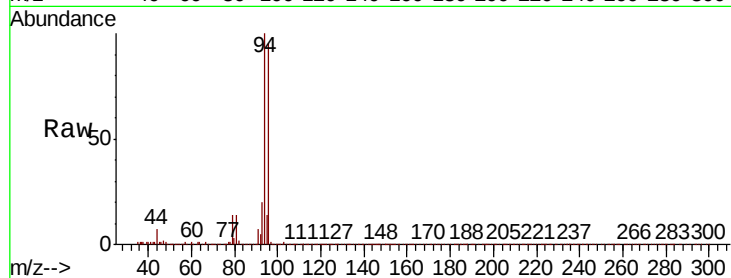
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 71826

Ion Ratio Lower Upper

94 100

96 94.4 74.7 112.1



#6

Chloroethane

Concen: 19.039 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014742.D

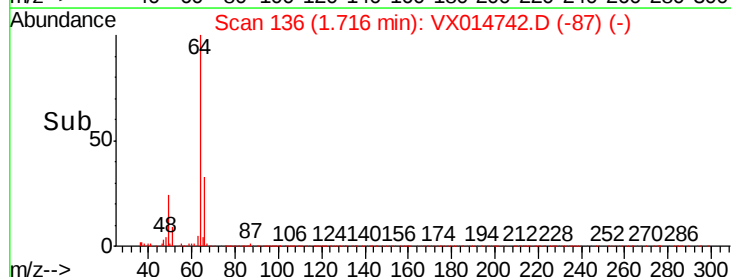
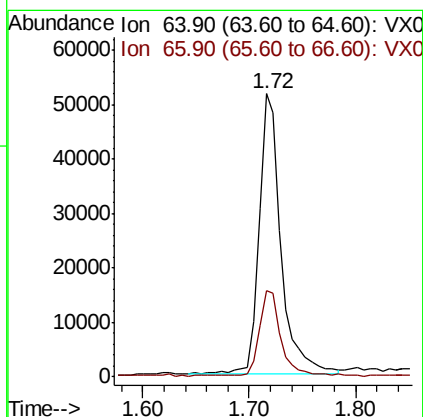
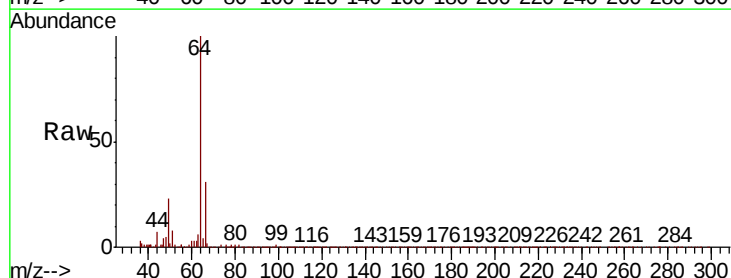
Acq: 28 Jan 2020 11:21

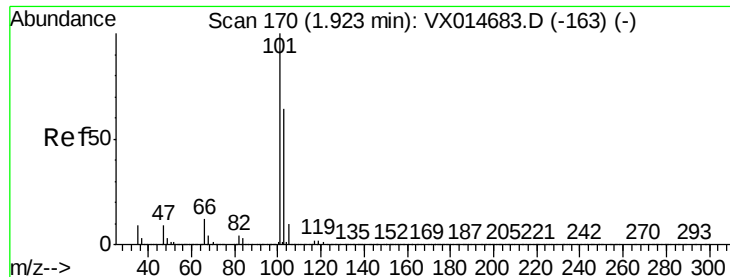
Tgt Ion: 64 Resp: 74585

Ion Ratio Lower Upper

64 100

66 30.6 25.2 37.8



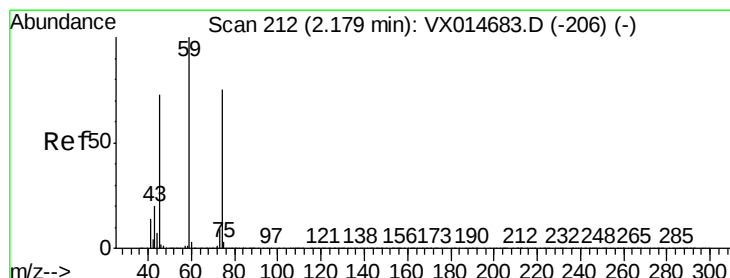
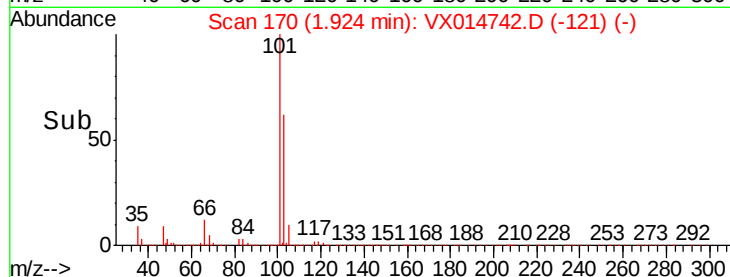
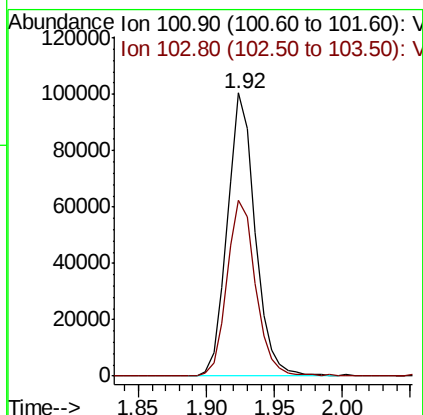
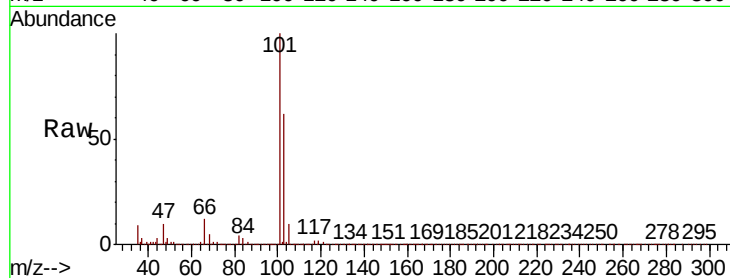


#7

Trichlorofluoromethane
Concen: 18.657 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampled :

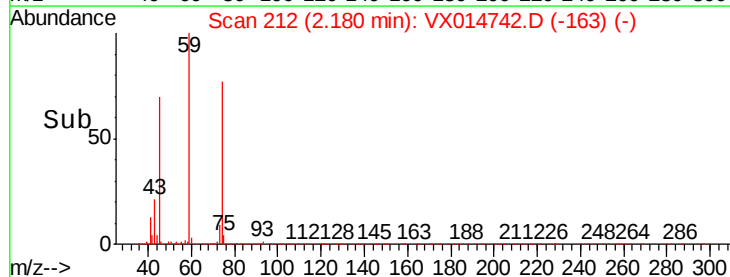
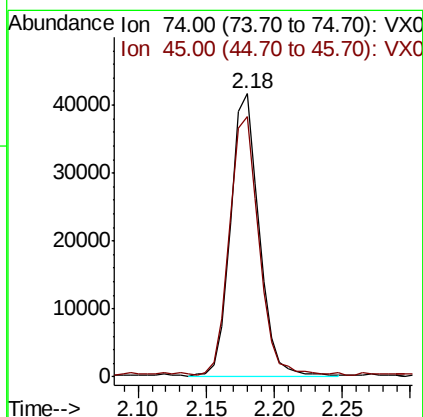
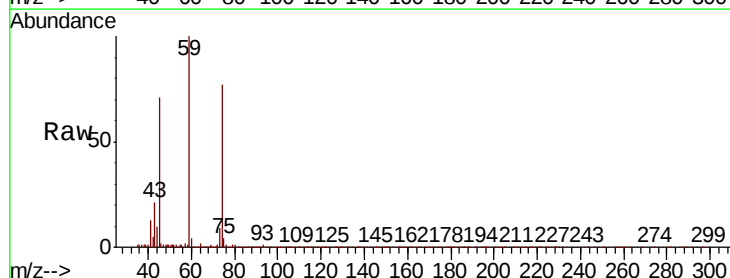
Tot Ion:101 Resp: 142340
Ion Ratio Lower Upper
101 100
103 62.0 51.0 76.6

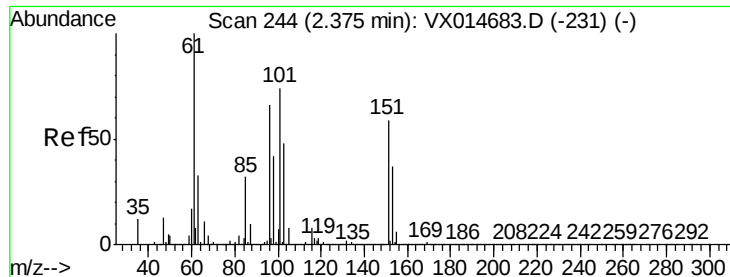


#8

Diethyl Ether
Concen: 18.110 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 74 Resp: 60308
Ion Ratio Lower Upper
74 100
45 95.0 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

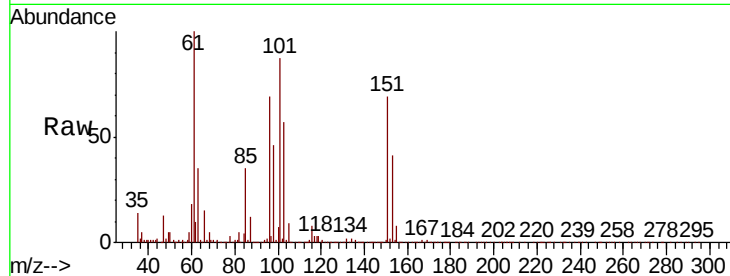
Tot Ion:101 Resp: 85282

Ion Ratio Lower Upper

101 100

85 41.5 34.7 52.1

151 82.5 64.7 97.1

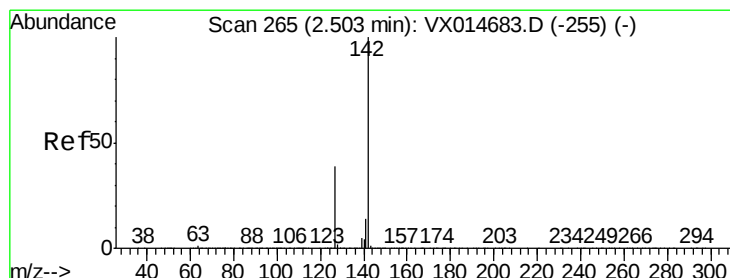
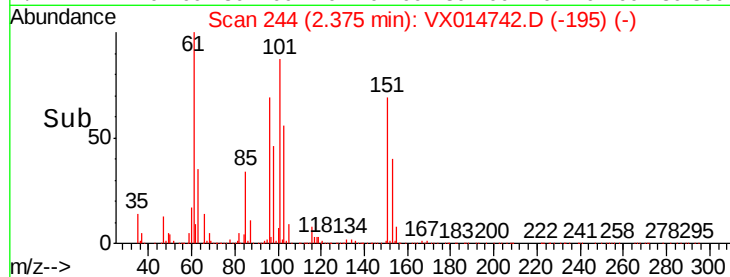
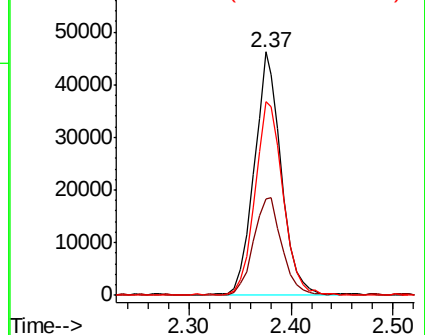


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.181 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

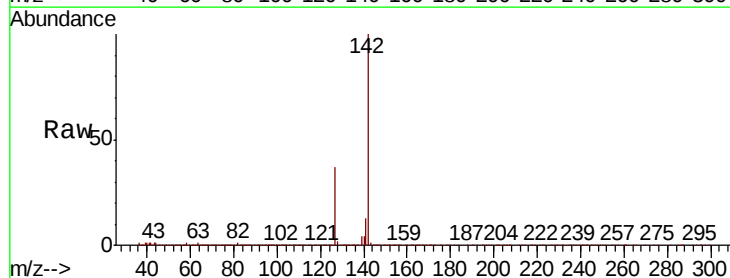
Tgt Ion:142 Resp: 100970

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

141 14.2 11.3 16.9

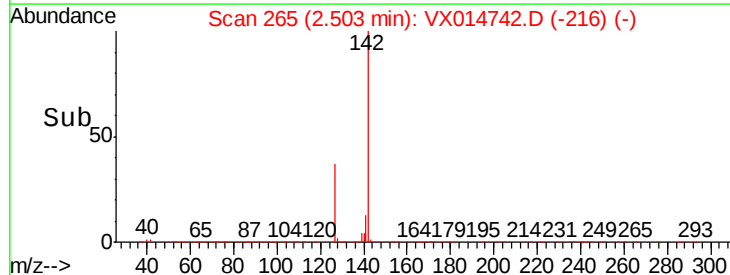
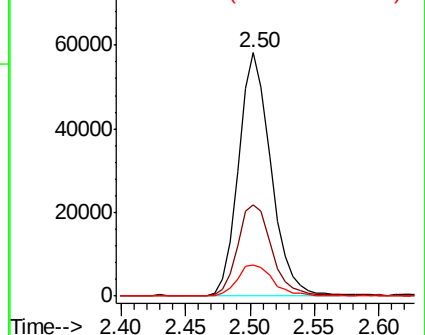


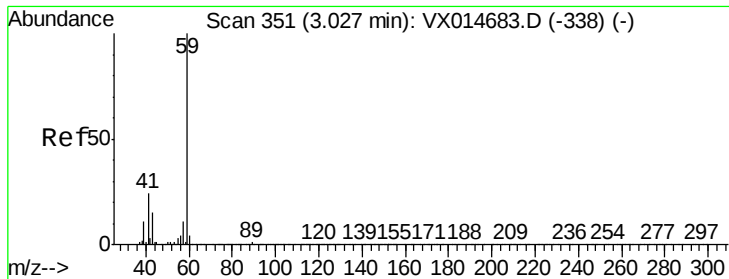
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

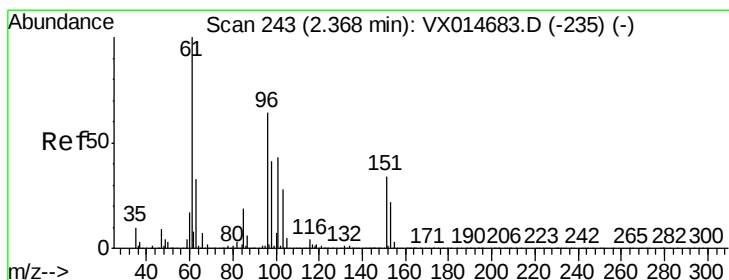
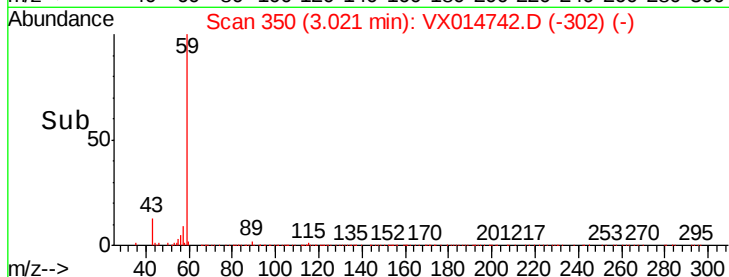
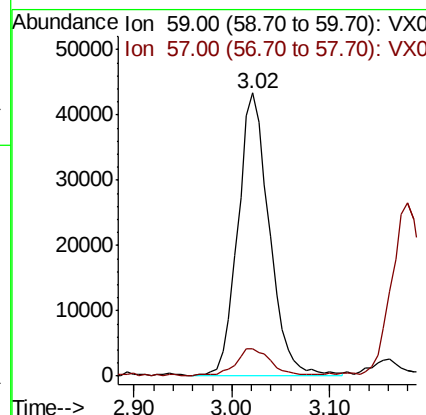
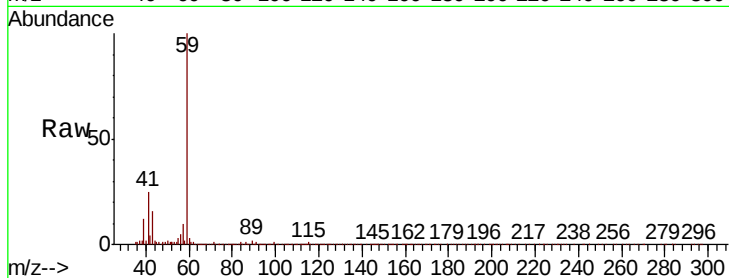




#11
Tert butyl alcohol
Concen: 82.880 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

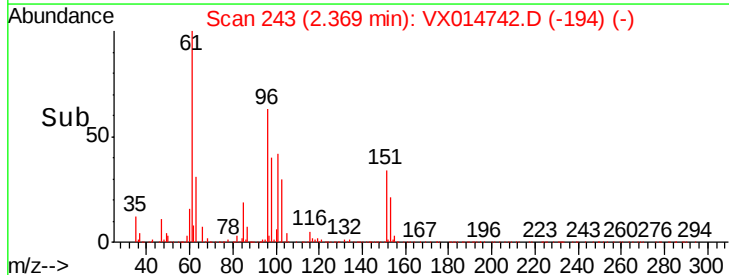
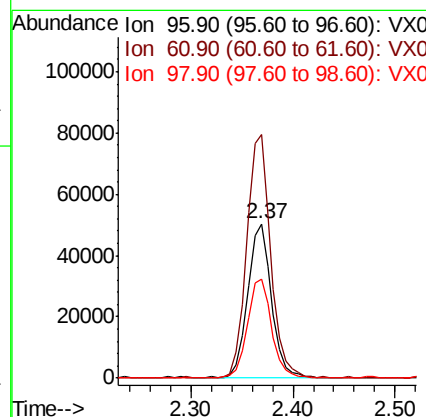
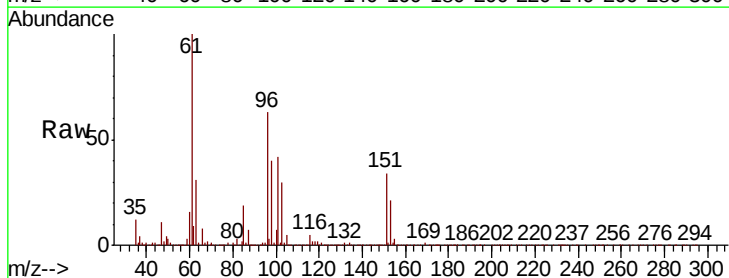
Instrument :
MSVOA_X
ClientSampleId :

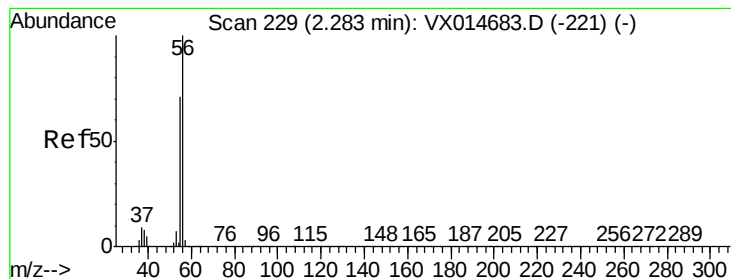
Tot Ion: 59 Resp: 97337
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.110 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 96 Resp: 80644
Ion Ratio Lower Upper
96 100
61 157.8 125.8 188.8
98 63.5 51.5 77.3





#13

Acrolein

Concen: 67.165 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

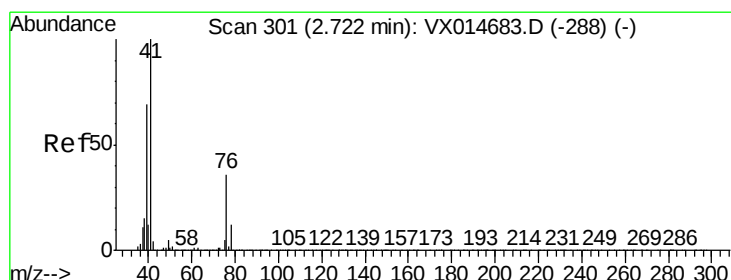
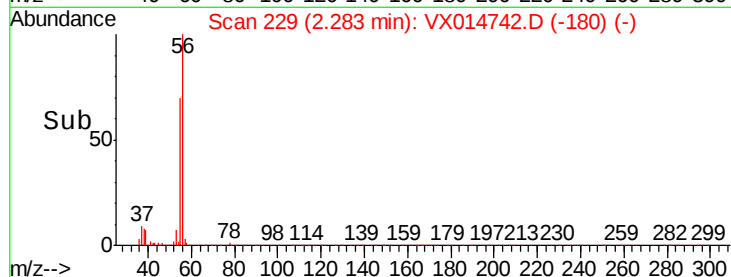
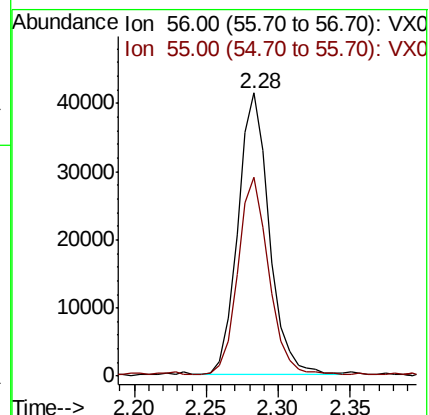
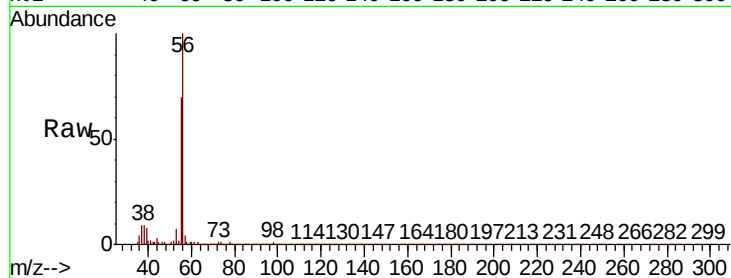
ClientSampleId :

Tot Ion: 56 Resp: 62196

Ion Ratio Lower Upper

56 100

55 69.6 56.6 84.8



#14

Allyl chloride

Concen: 17.851 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

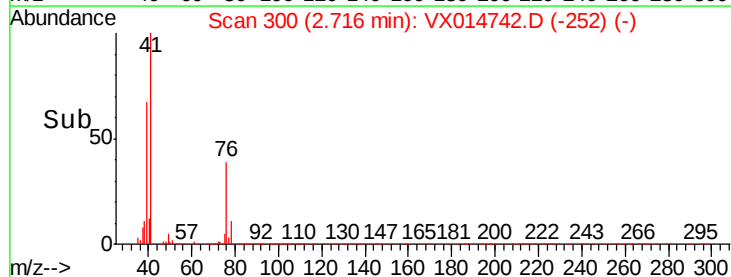
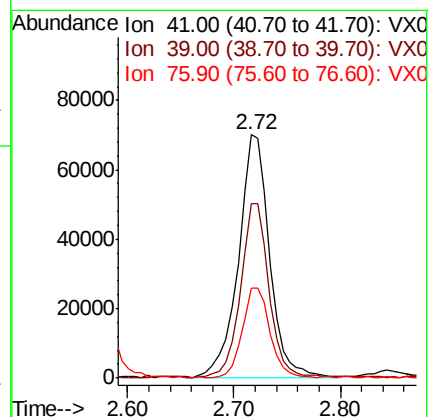
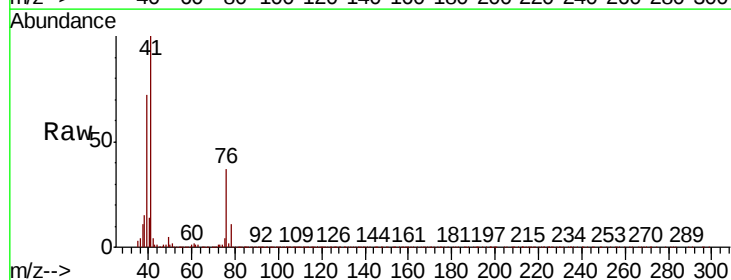
Tgt Ion: 41 Resp: 142879

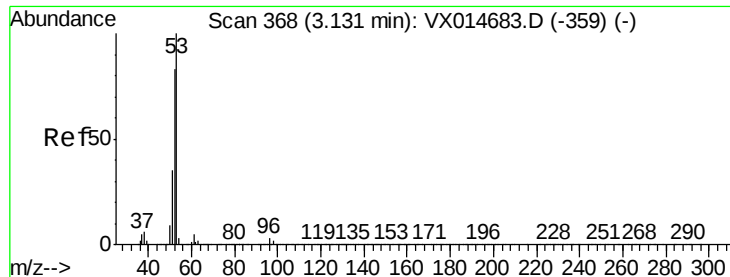
Ion Ratio Lower Upper

41 100

39 66.7 52.0 78.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 88.026 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

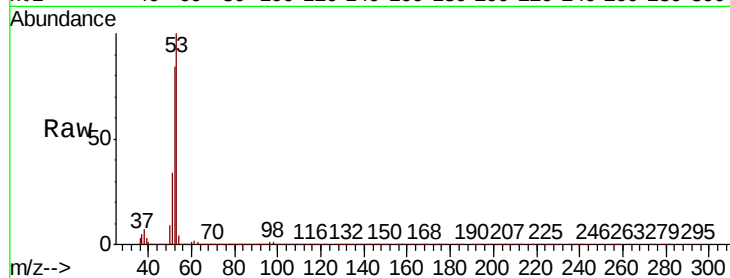
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 239199

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.5	28.7	43.1

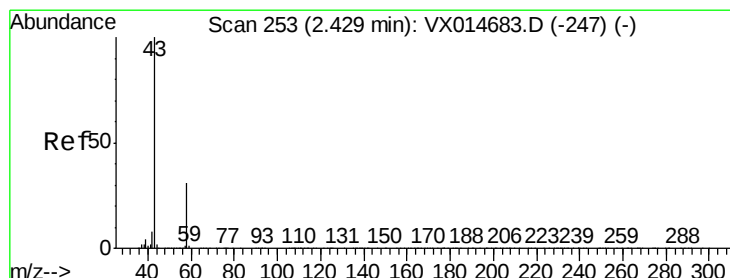
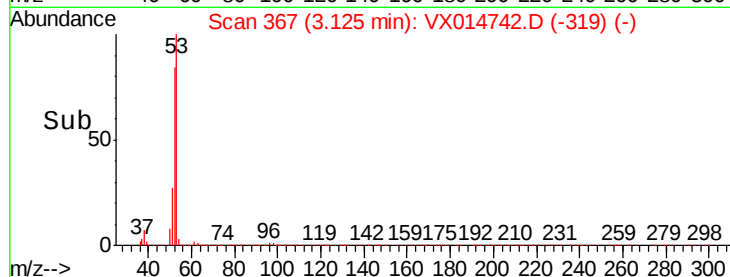
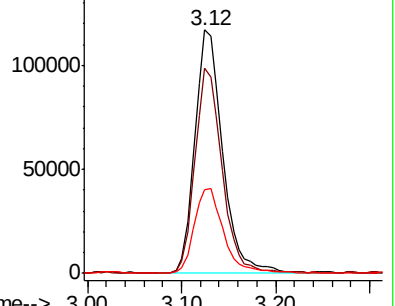


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.172 ug/l

RT: 2.43 min Scan# 253

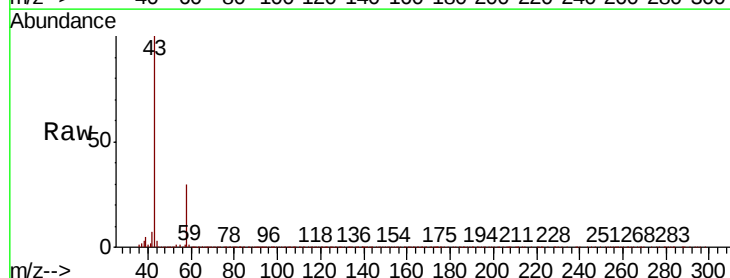
Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion: 43 Resp: 232429

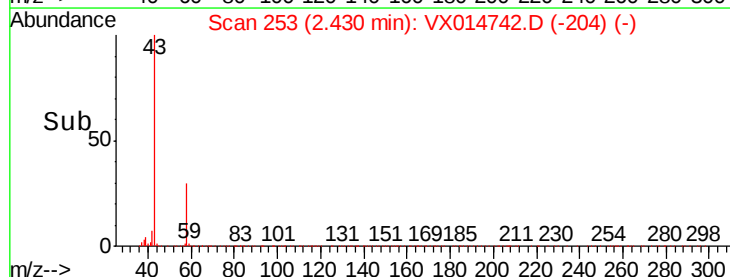
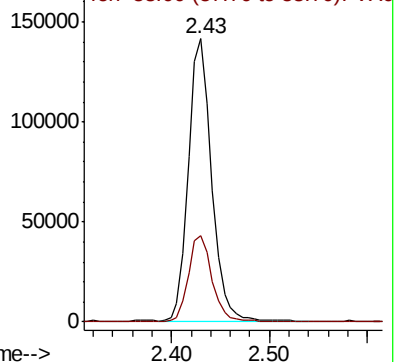
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7

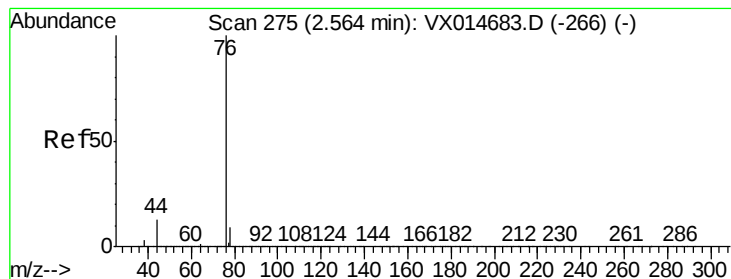


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.169 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

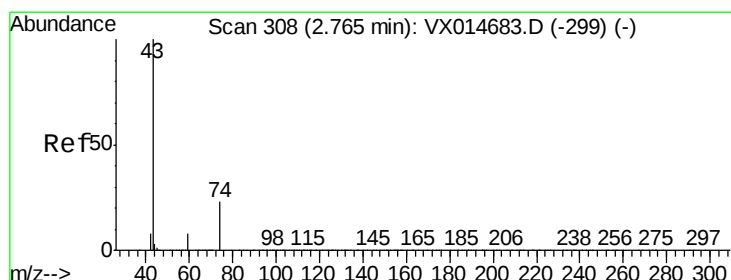
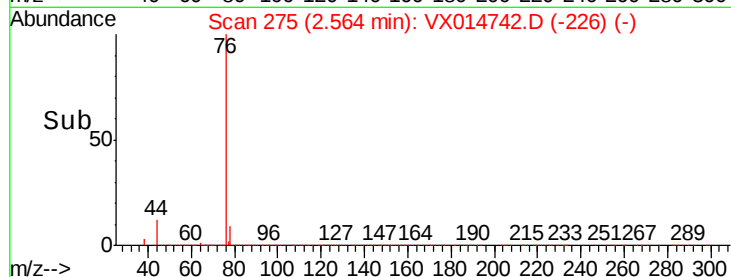
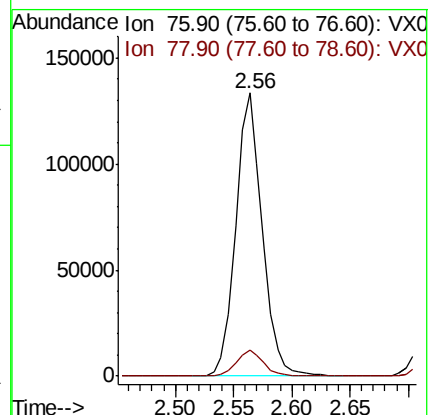
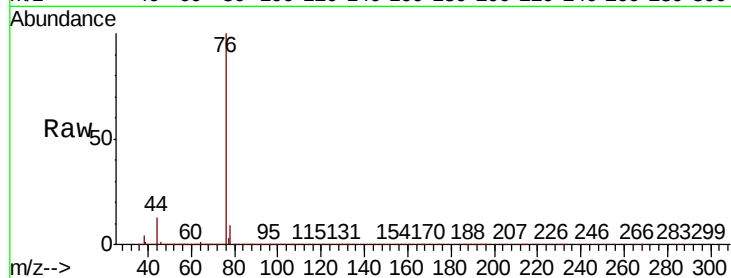
ClientSampleId :

Tot Ion: 76 Resp: 208966

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 17.836 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014742.D

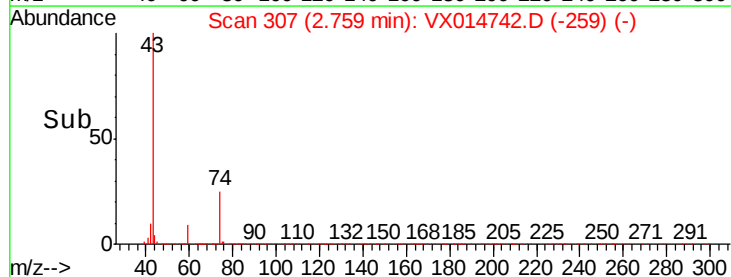
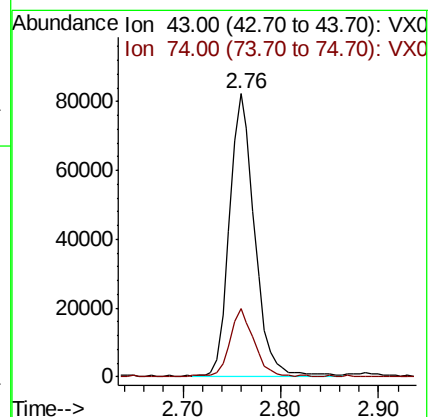
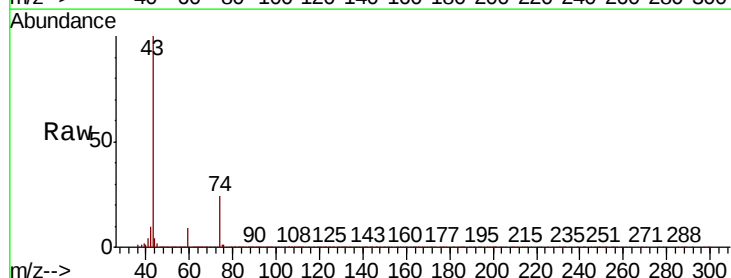
Acq: 28 Jan 2020 11:21

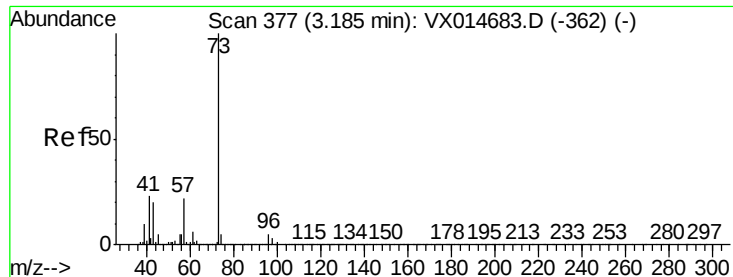
Tgt Ion: 43 Resp: 145961

Ion Ratio Lower Upper

43 100

74 24.0 18.5 27.7

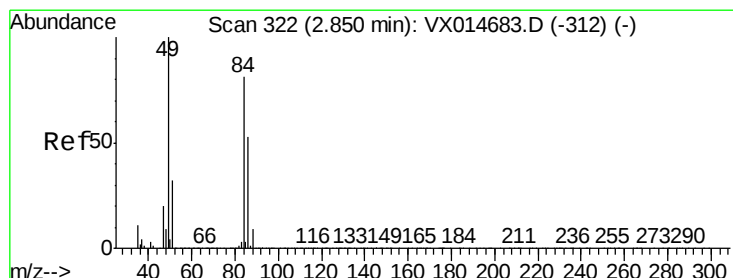
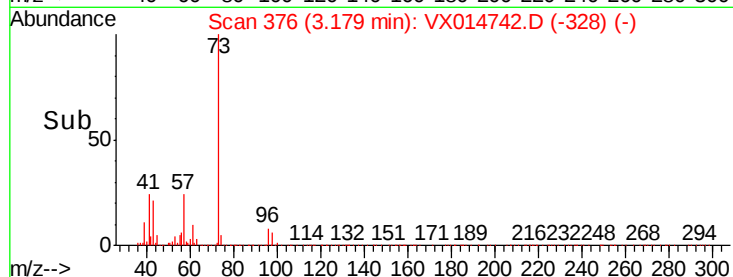
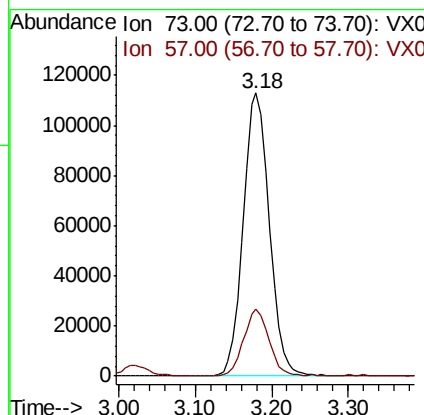
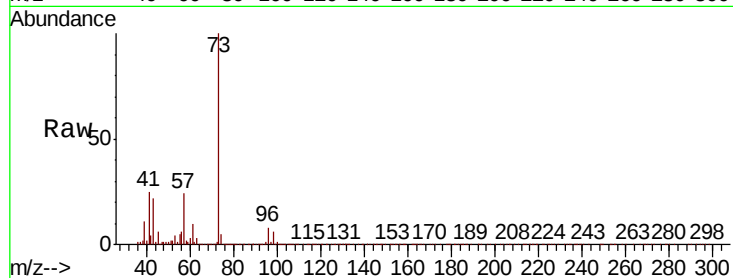




#19
Methvl tert-butvl Ether
Concen: 18.300 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

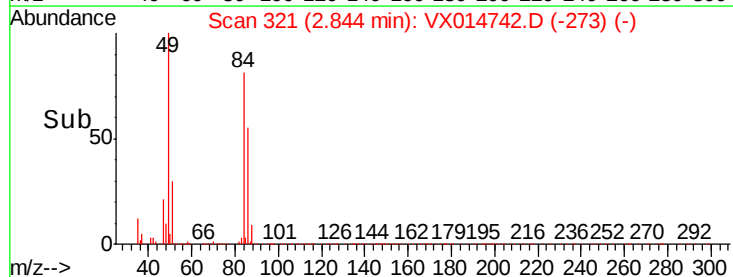
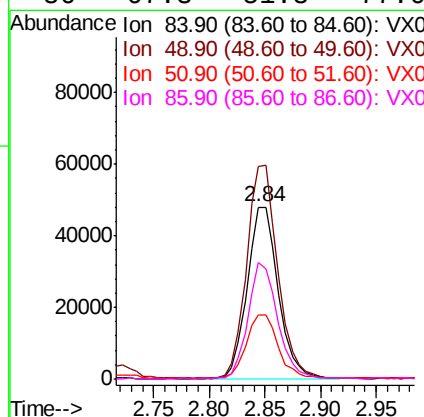
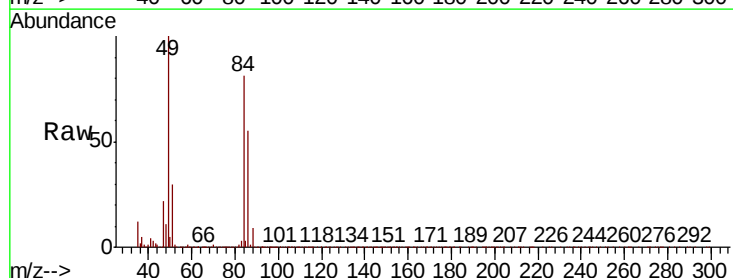
Instrument :
MSVOA_X
ClientSampleId :

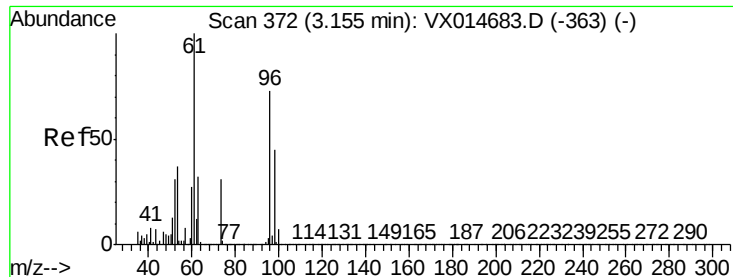
Tot Ion: 73 Resp: 266926
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0



#20
Methylene Chloride
Concen: 17.733 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 84 Resp: 94077
Ion Ratio Lower Upper
84 100
49 122.9 98.2 147.4
51 37.2 31.3 46.9
86 67.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.595 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

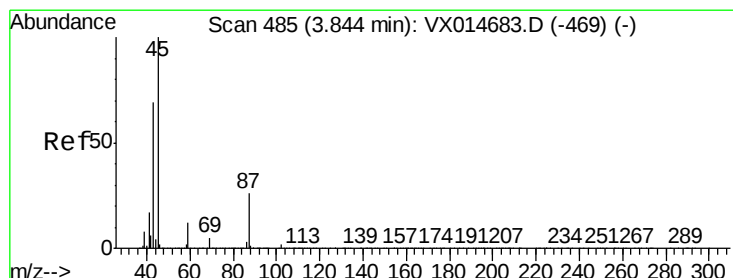
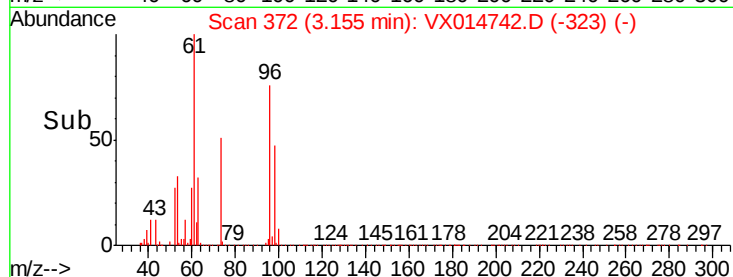
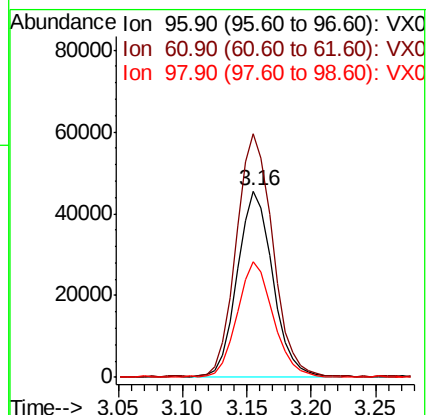
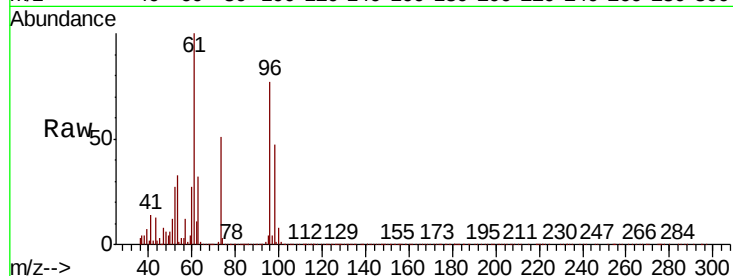
Tot Ion: 96 Resp: 86273

Ion Ratio Lower Upper

96 100

61 130.6 109.8 164.6

98 61.7 49.6 74.4



#22

Diisopropyl ether

Concen: 18.802 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion: 45 Resp: 299416

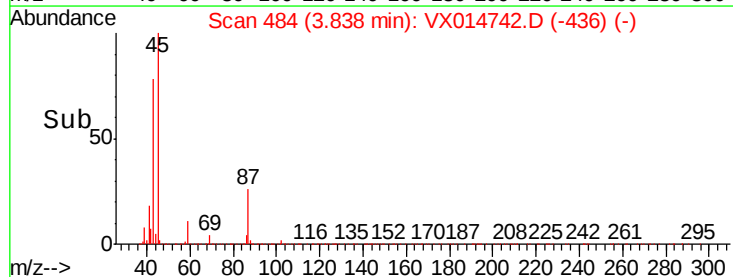
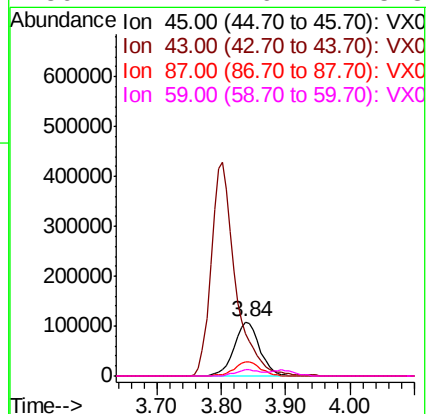
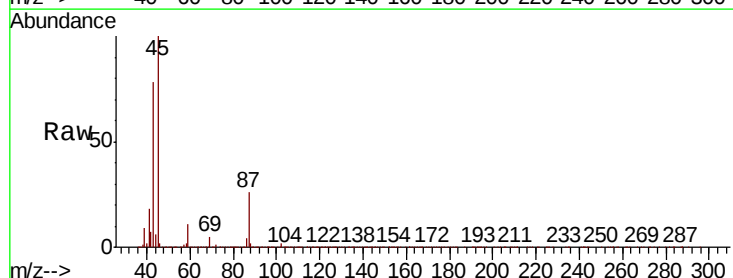
Ion Ratio Lower Upper

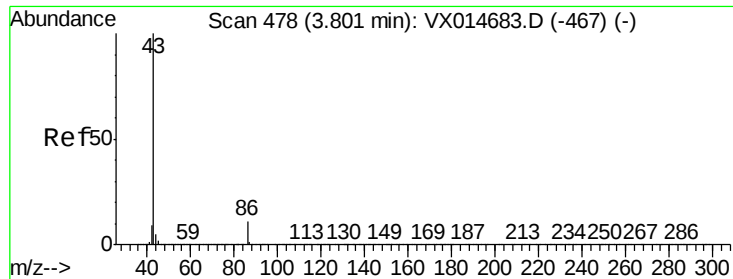
45 100

43 77.7 55.1 82.7

87 25.8 20.7 31.1

59 11.2 9.2 13.8

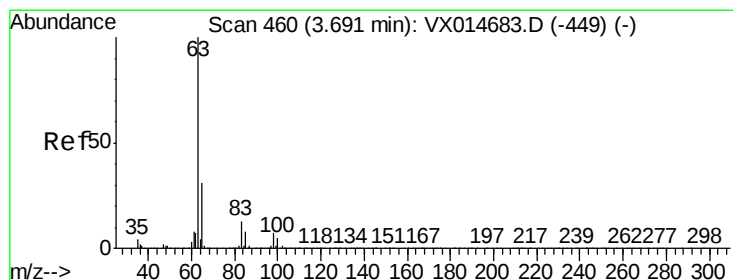
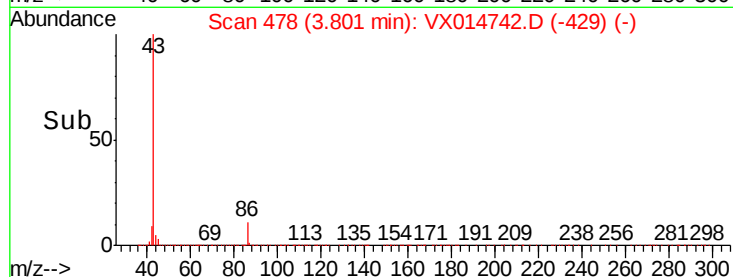
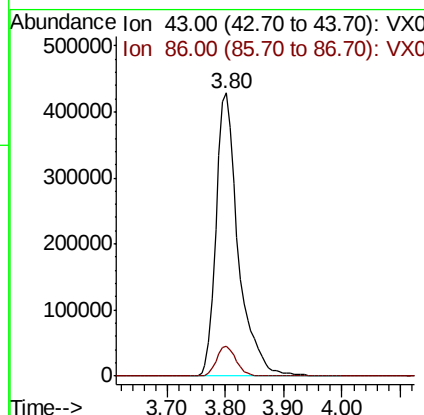
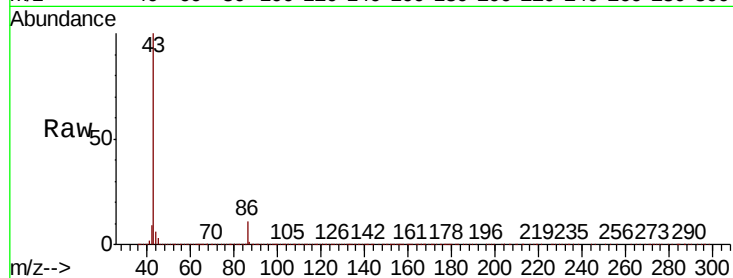




#23
 Vinyl Acetate
 Concen: 92.983 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

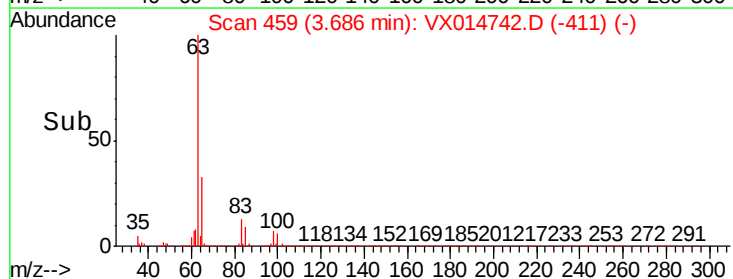
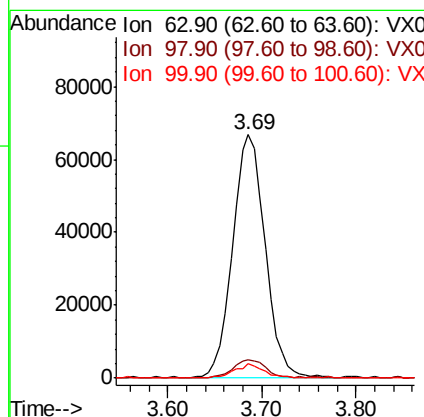
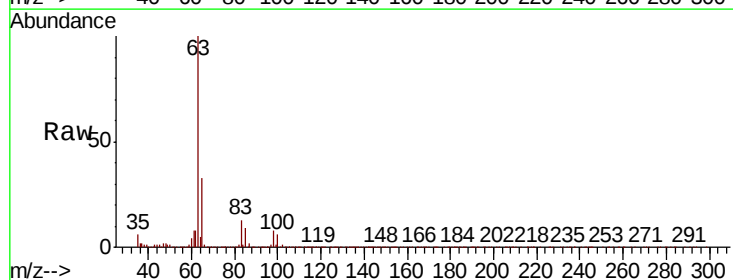
Instrument :
 MSVOA_X
 ClientSampleId :

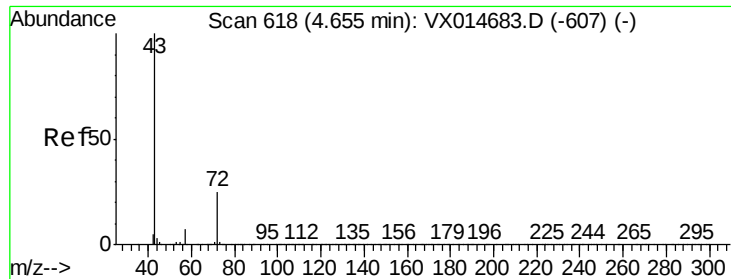
Tot Ion: 43 Resp: 1128750
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.455 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion: 63 Resp: 159603
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.6 2.2 6.6





#25

2-Butanone

Concen: 83.026 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

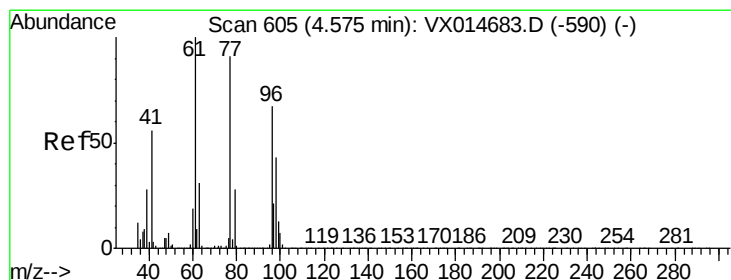
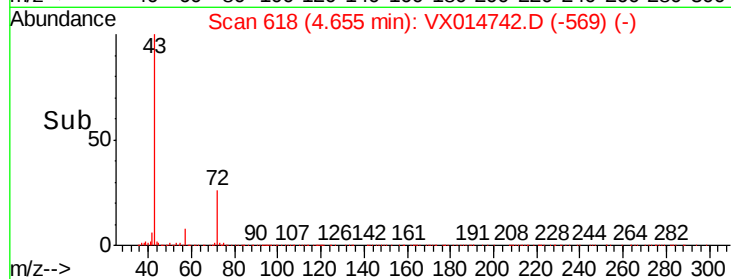
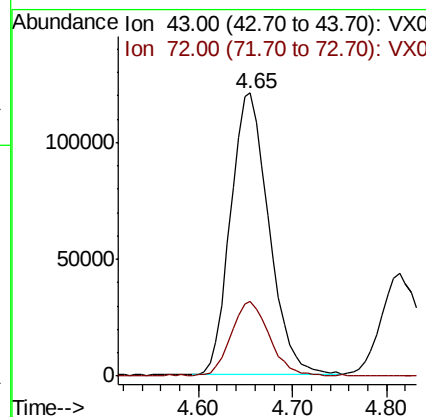
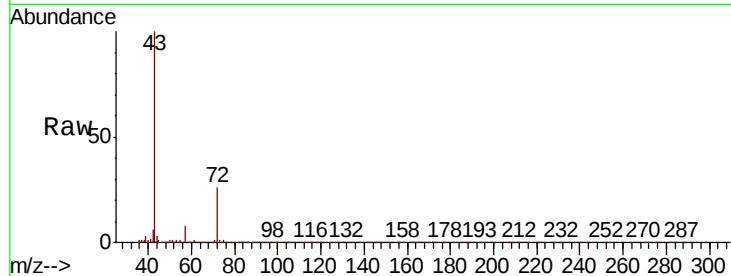
ClientSampled :

Tot Ion: 43 Resp: 341042

Ion Ratio Lower Upper

43 100

72 26.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.516 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014742.D

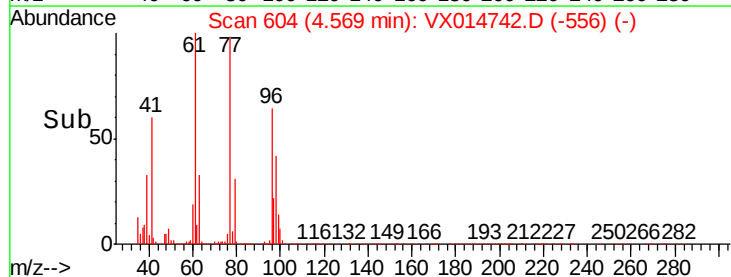
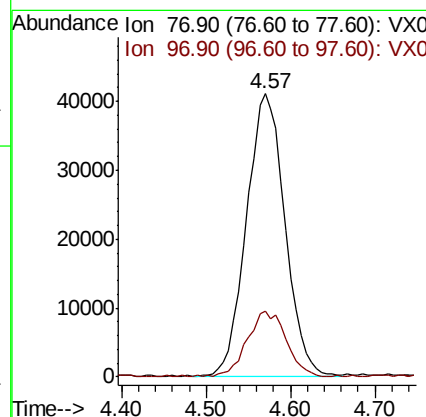
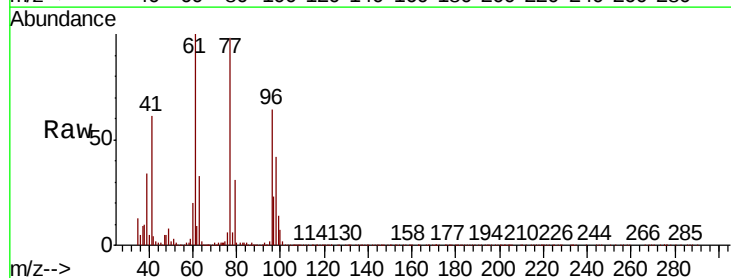
Acq: 28 Jan 2020 11:21

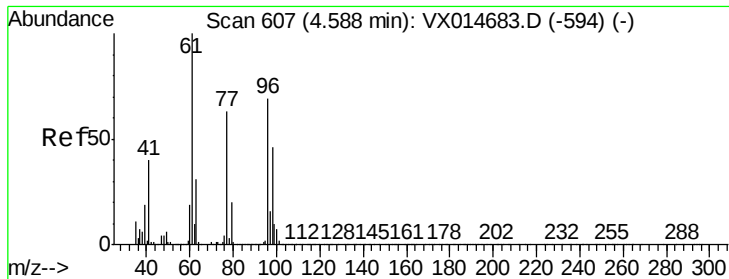
Tgt Ion: 77 Resp: 128170

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3



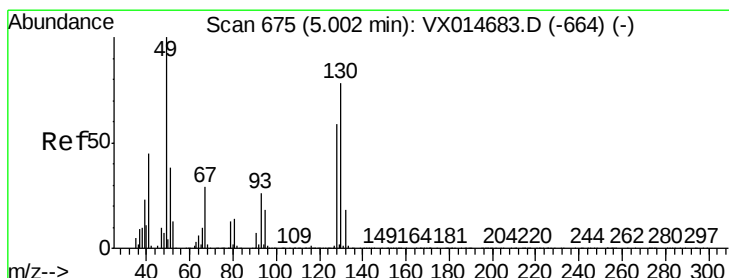
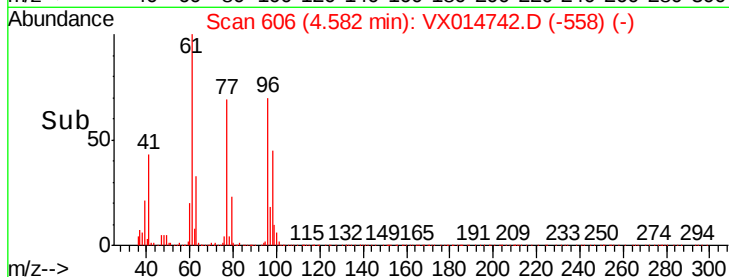
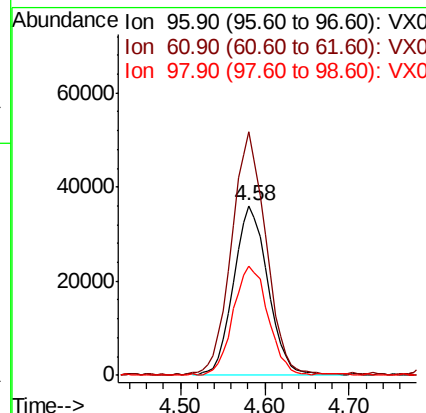
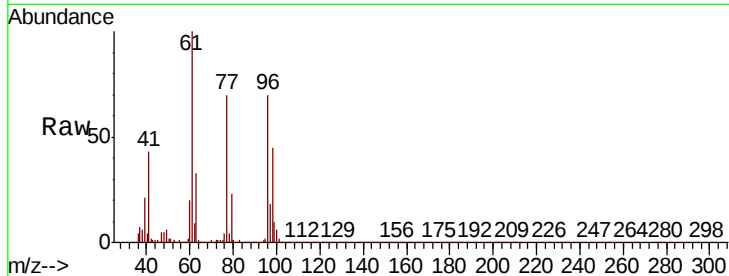


#27

cis-1,2-Dichloroethene
 Concen: 17.982 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :

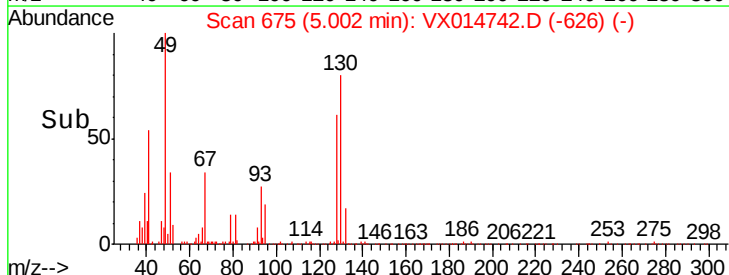
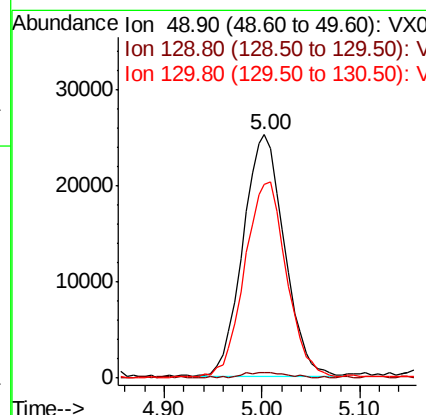
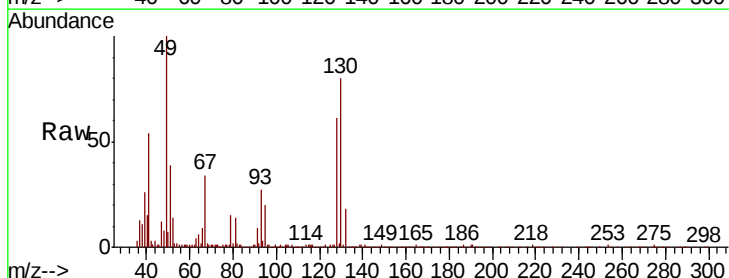
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	291.0
98	65.6	0.0	129.8

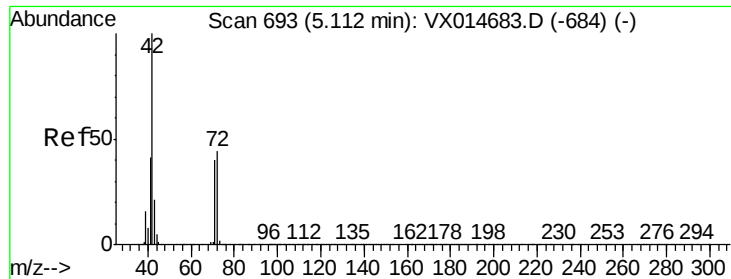


#28

Bromochloromethane
 Concen: 19.397 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	82.2	62.4	93.6

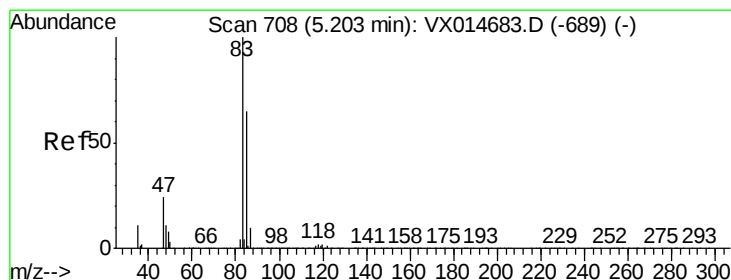
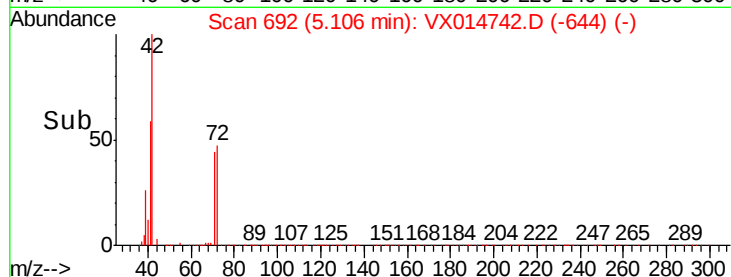
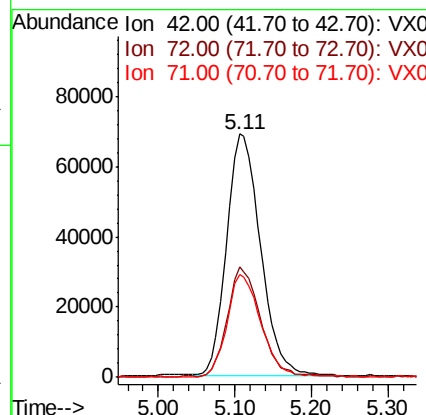
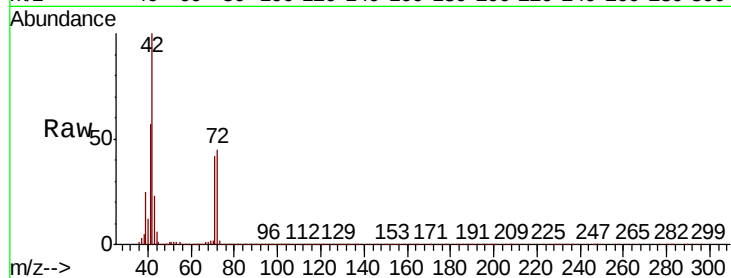




#29
Tetrahydrofuran
Concen: 86.402 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

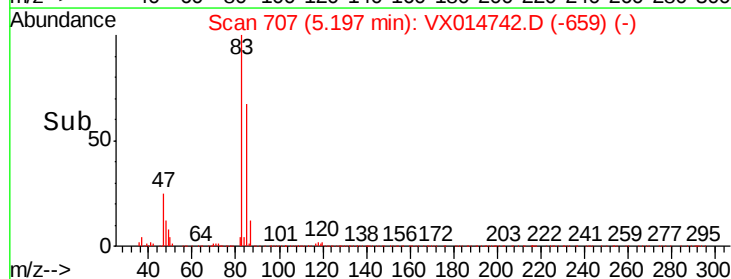
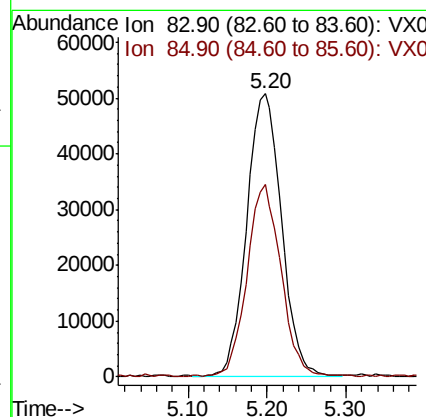
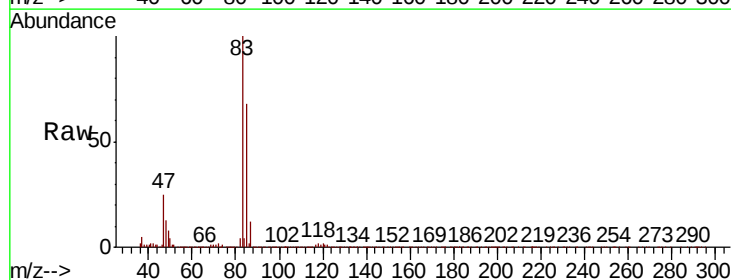
Instrument :
MSVOA_X
ClientSampleId :

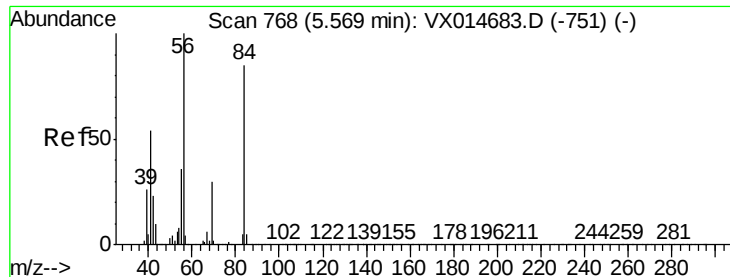
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.3	52.9
71	42.7	33.1	49.7



#30
Chloroform
Concen: 18.101 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.7	77.5

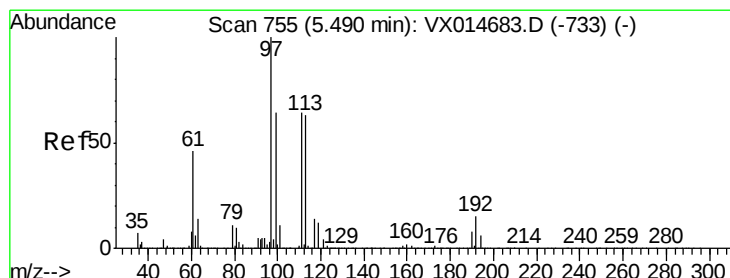
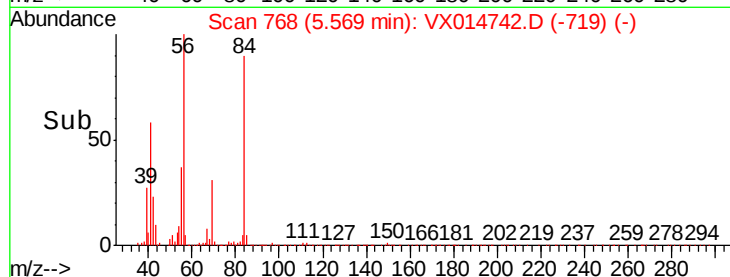
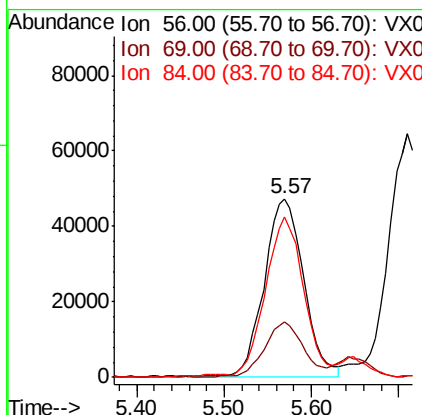
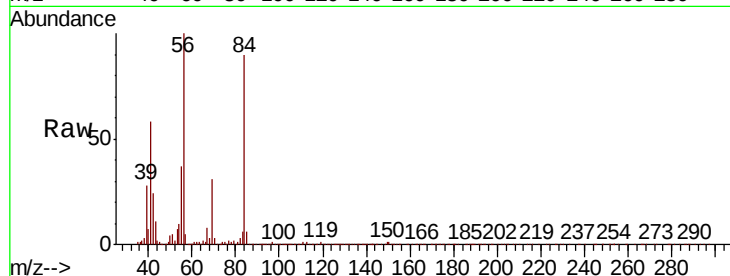




#31
Cyclohexane
Concen: 18.325 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

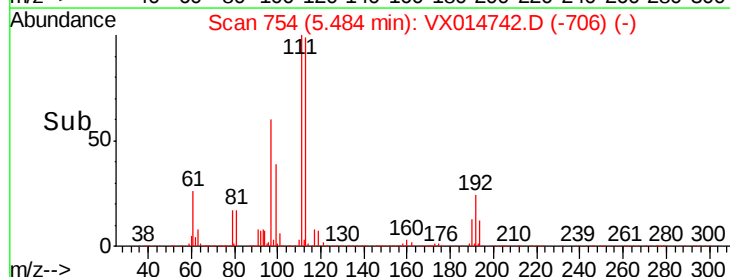
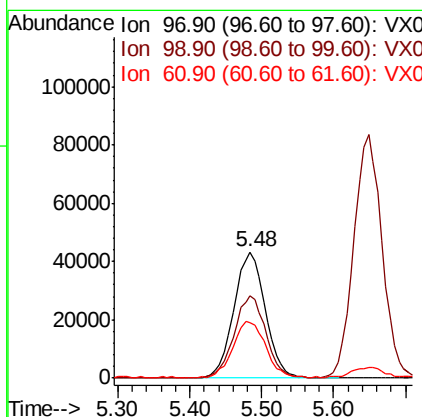
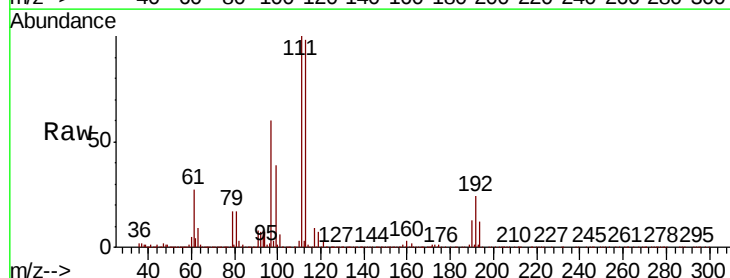
Instrument :
MSVOA_X
ClientSampleId :

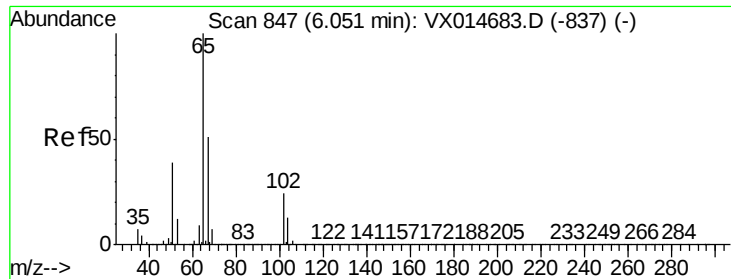
Tot Ion: 56 Resp: 149056
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 89.1 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 18.161 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 97 Resp: 131513
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 47.2 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 48.504 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

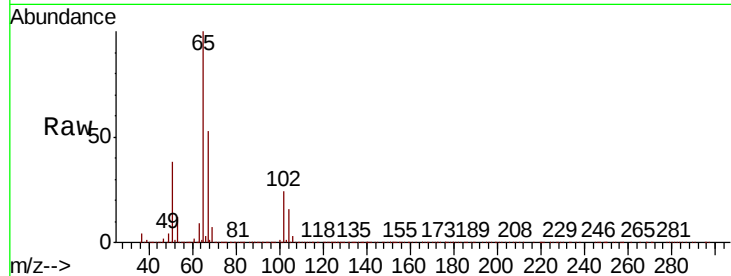
ClientSampleId :

Tot Ion: 65 Resp: 253728

Ion Ratio Lower Upper

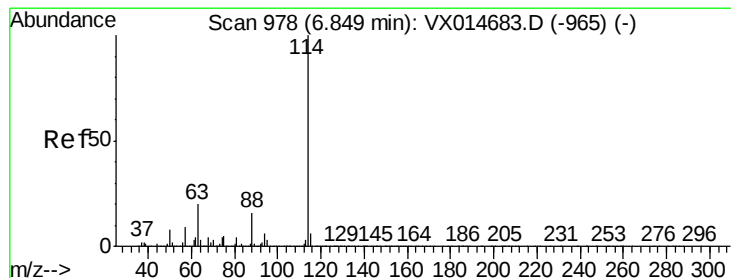
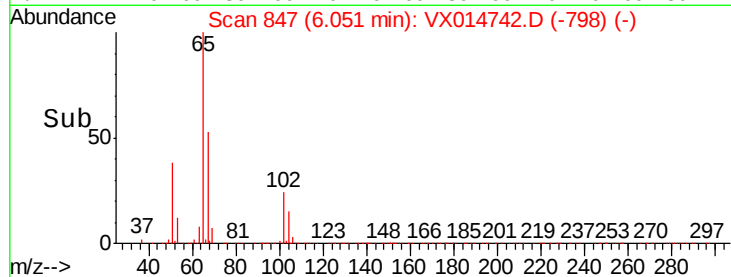
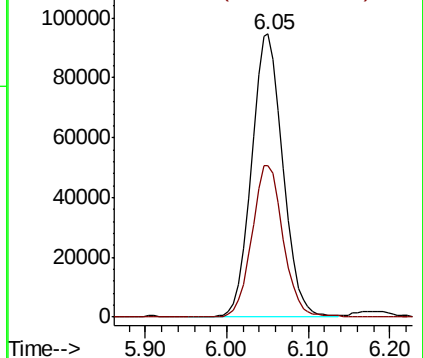
65 100

67 52.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

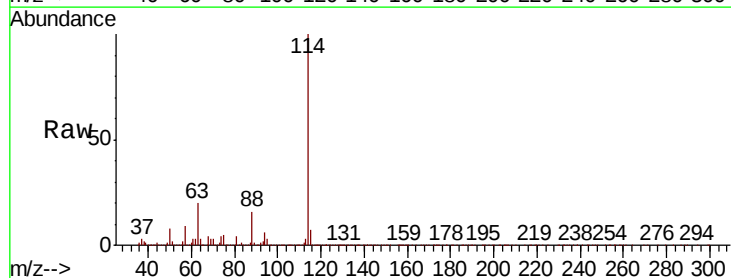
Tgt Ion: 114 Resp: 661871

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

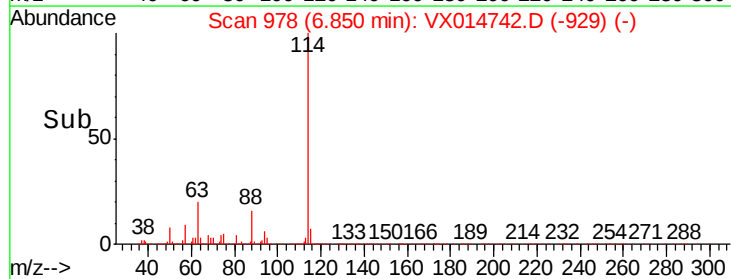
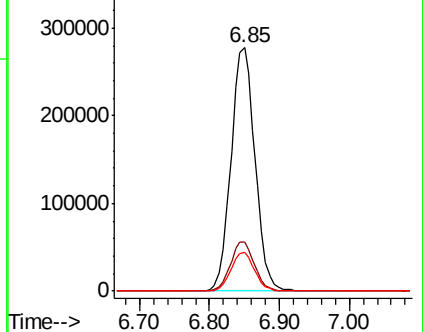
88 15.8 0.0 31.2

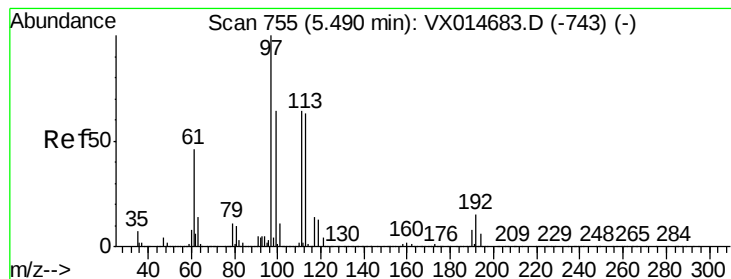


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.407 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :

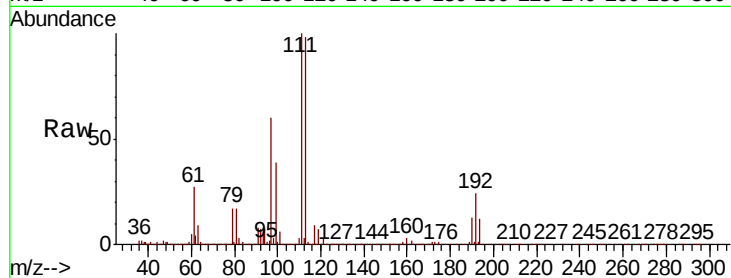
Tot Ion:113 Resp: 206340

Ion Ratio Lower Upper

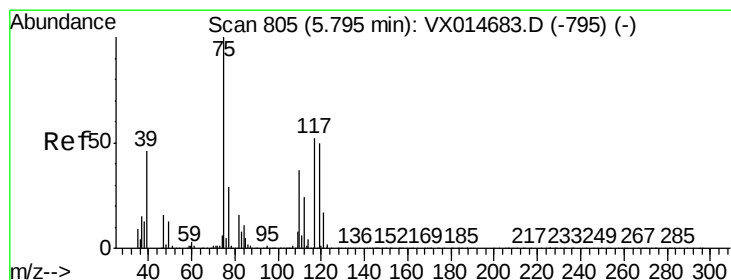
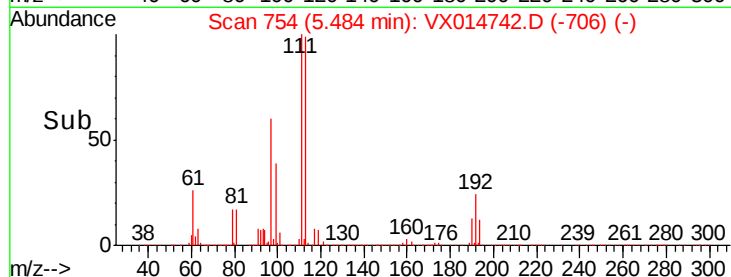
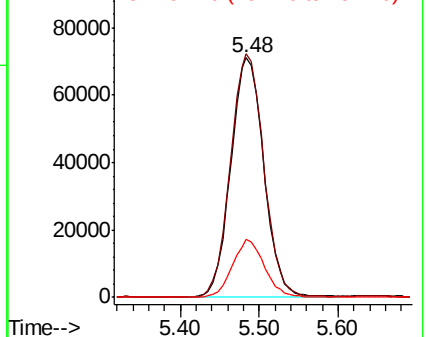
113 100

111 102.3 80.7 121.1

192 23.2 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.088 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

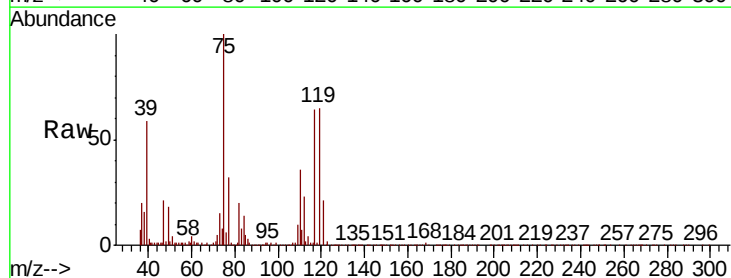
Tgt Ion: 75 Resp: 117395

Ion Ratio Lower Upper

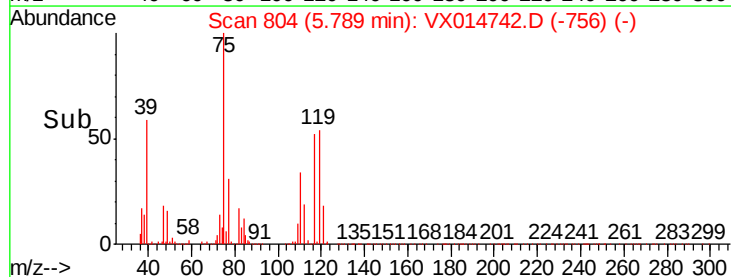
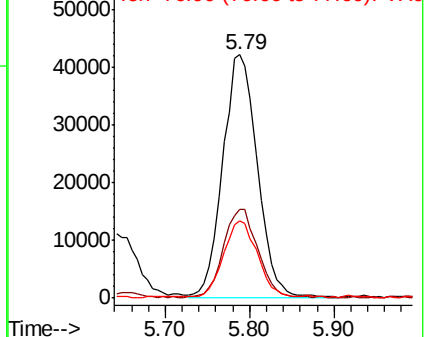
75 100

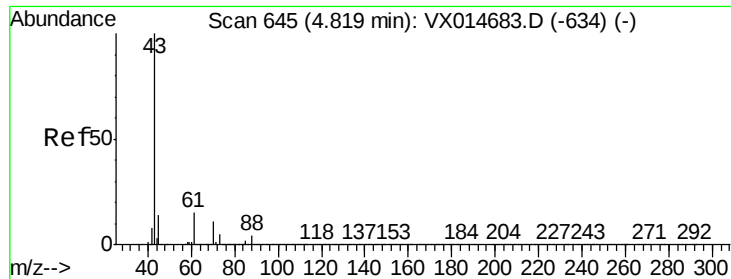
110 36.5 17.9 53.7

77 30.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

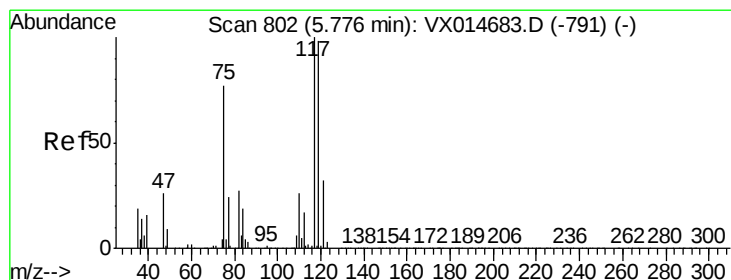
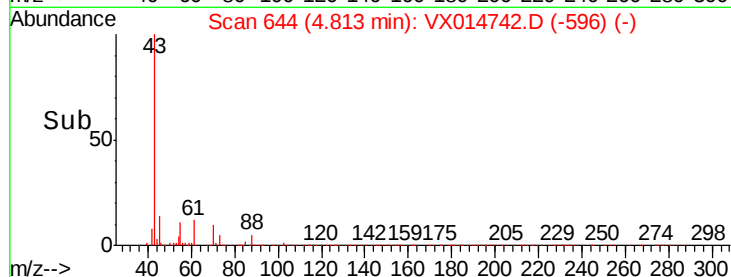
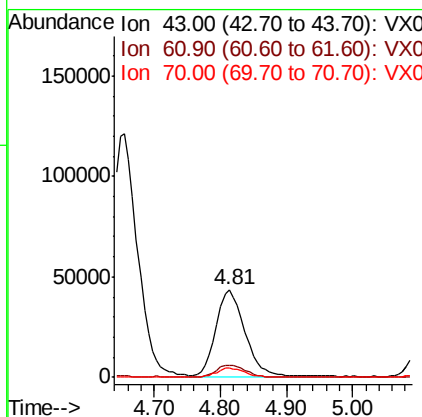
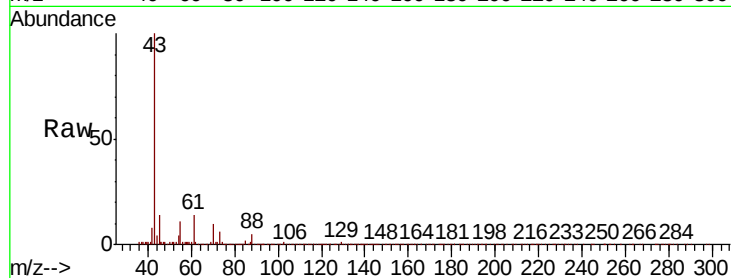




#37
Ethyl Acetate
Concen: 18.779 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

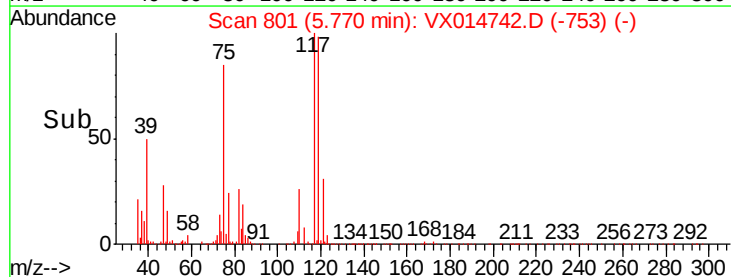
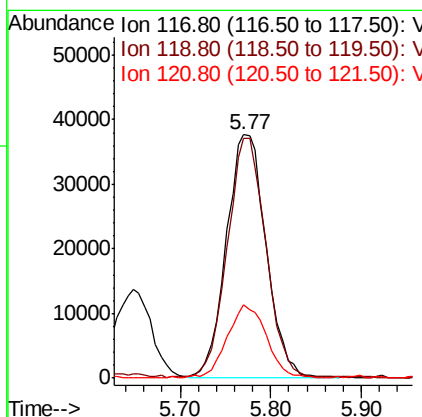
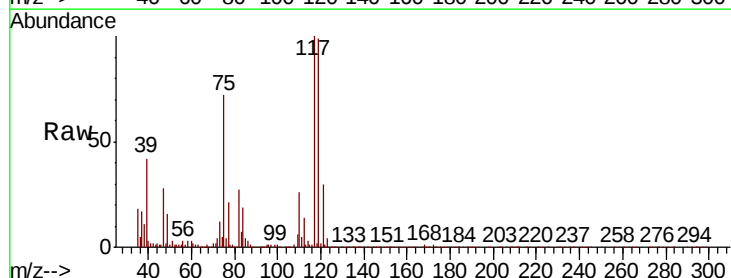
Instrument :
MSVOA_X
ClientSampleId :

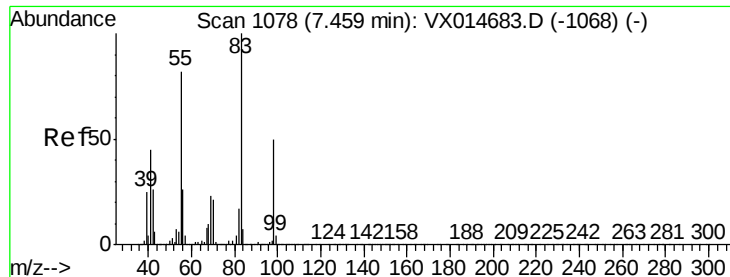
Tot Ion: 43 Resp: 132279
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.284 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 117 Resp: 113264
Ion Ratio Lower Upper
117 100
119 98.3 77.9 116.9
121 30.0 25.4 38.2

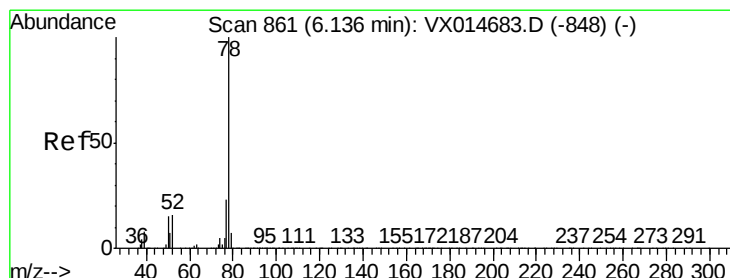
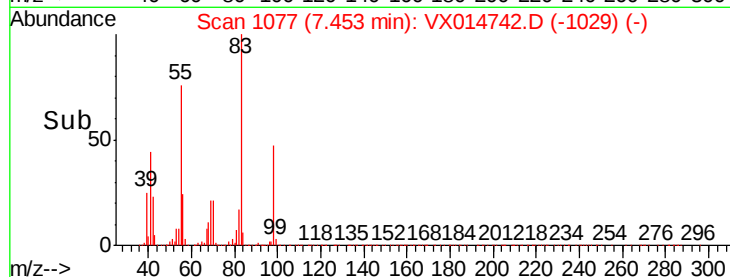
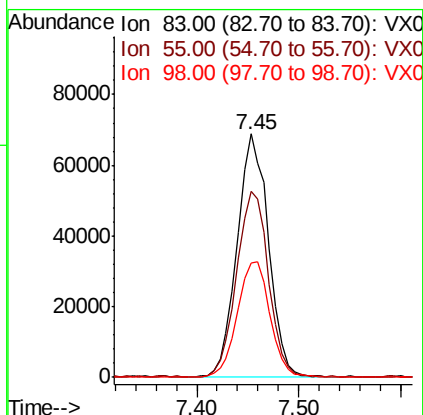
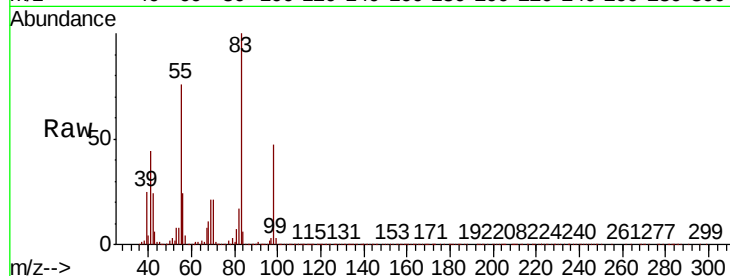




#39
Methvlcvclohexane
Concen: 19.011 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

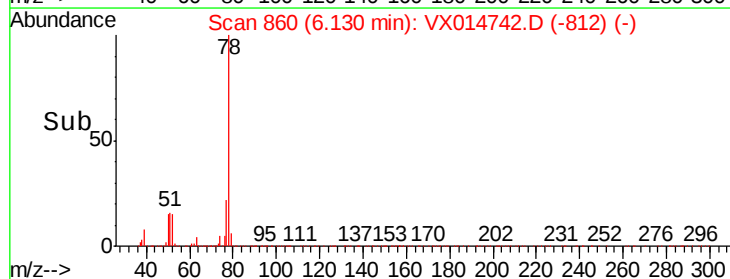
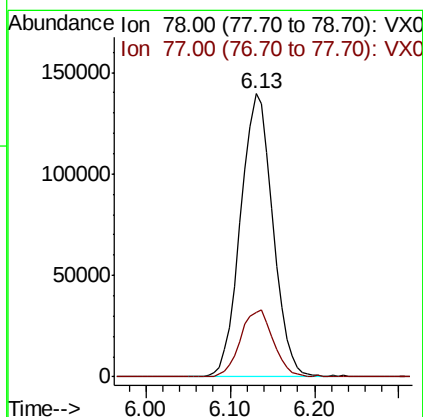
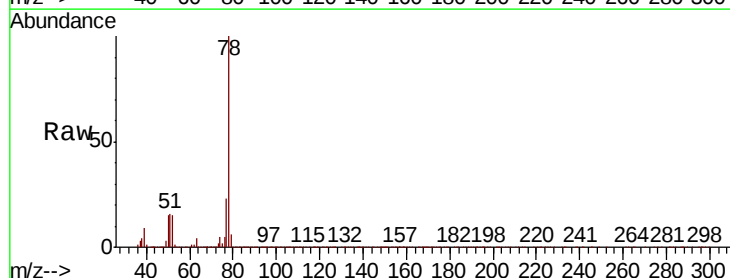
Instrument :
MSVOA_X
ClientSampleId :

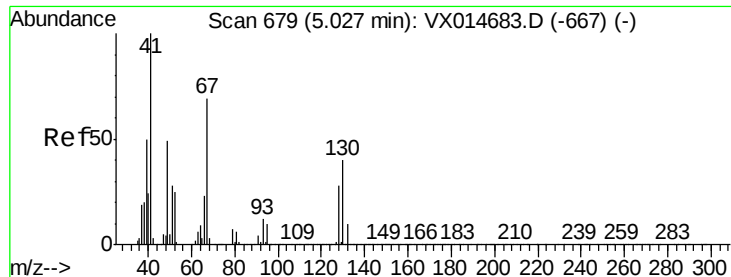
Tot Ion	83	Resp	146476
Ion	Ratio	Lower	Upper
83	100		
55	76.0	65.6	98.4
98	46.6	40.2	60.4



#40
Benzene
Concen: 18.939 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	78	Resp	359896
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.7	28.1

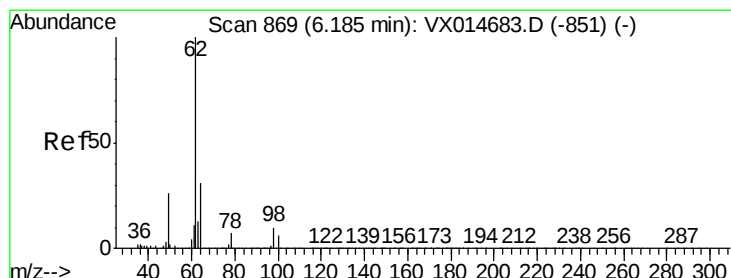
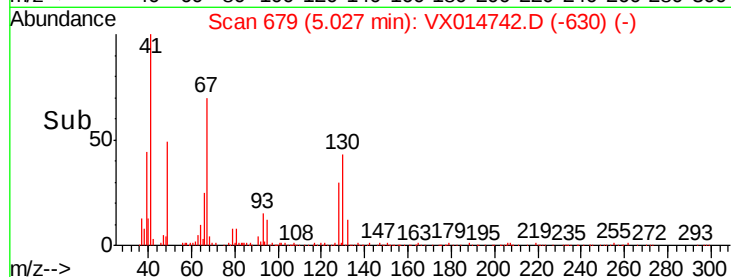
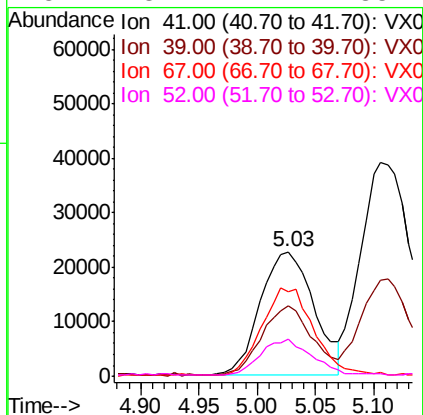
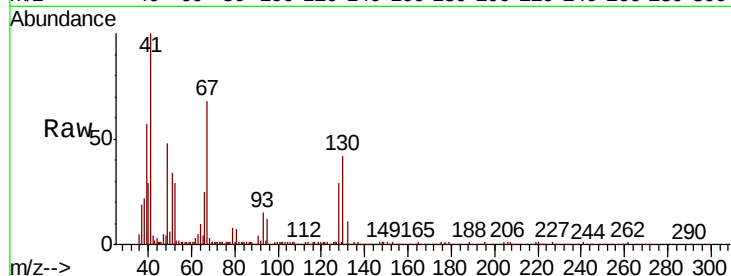




#41
Methacrylonitrile
Concen: 17.867 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

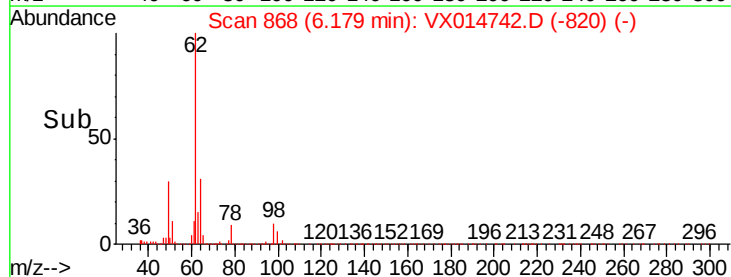
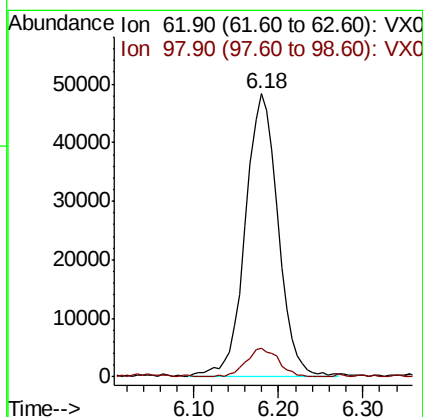
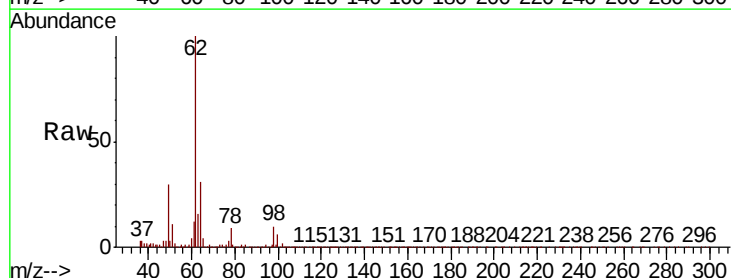
Instrument :
MSVOA_X
ClientSampled :

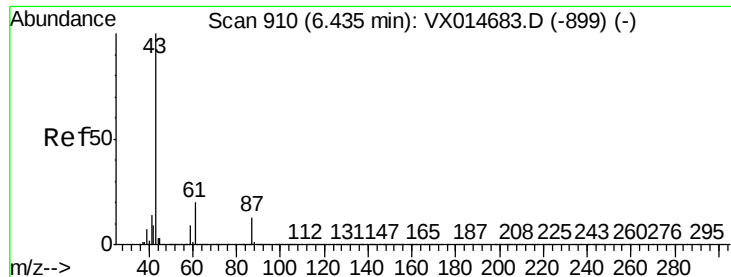
Tot Ion: 41 Resp: 72460
Ion Ratio Lower Upper
41 100
39 52.2 42.2 63.2
67 69.6 55.4 83.0
52 28.2 22.1 33.1



#42
1,2-Dichloroethane
Concen: 19.568 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 62 Resp: 128405
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0



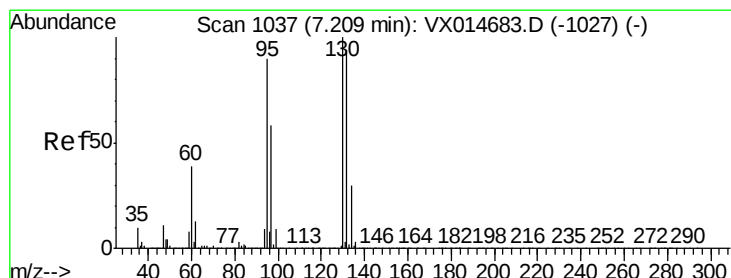
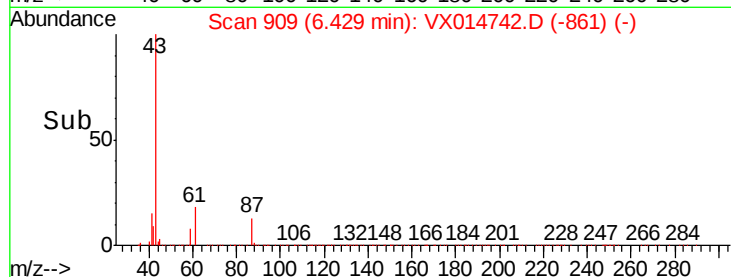
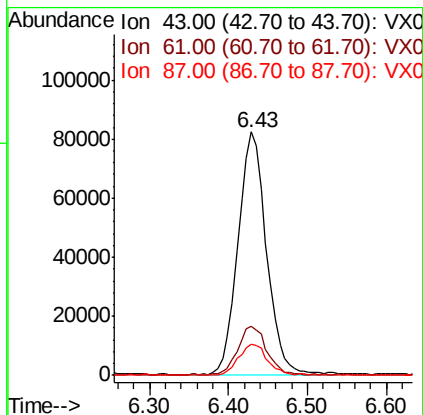
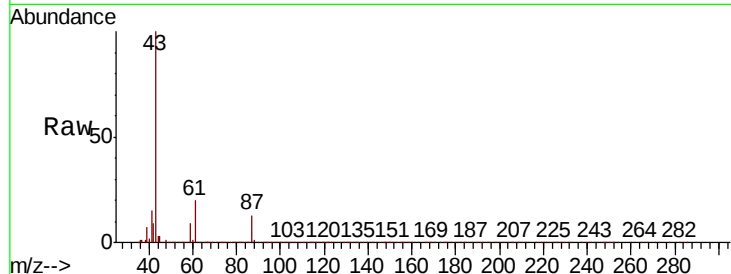


#43

Isopropyl Acetate
 Concen: 17.881 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampled :

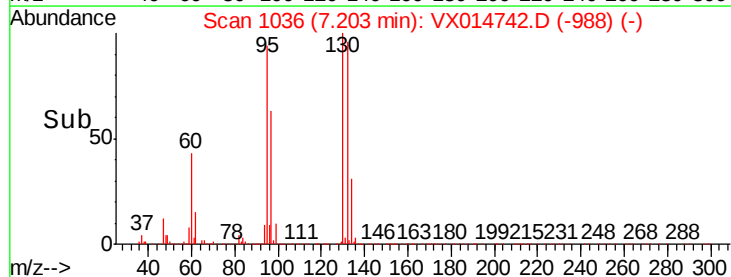
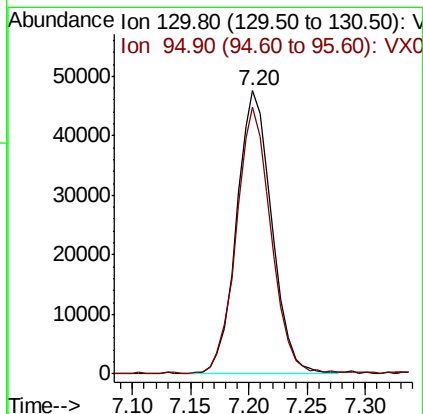
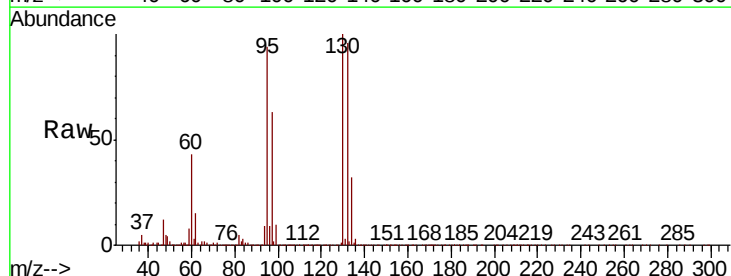
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.4
87	12.8	10.5	15.7

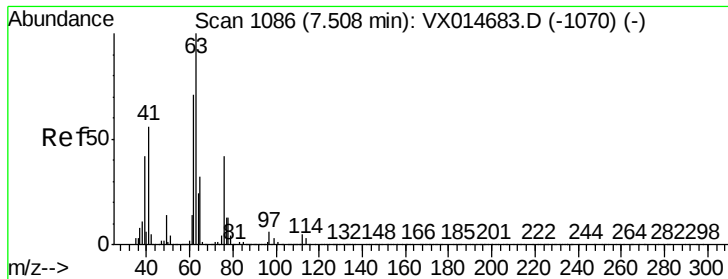


#44

Trichloroethene
 Concen: 18.445 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	179.8

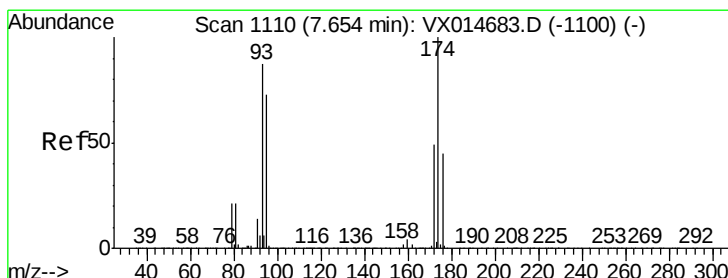
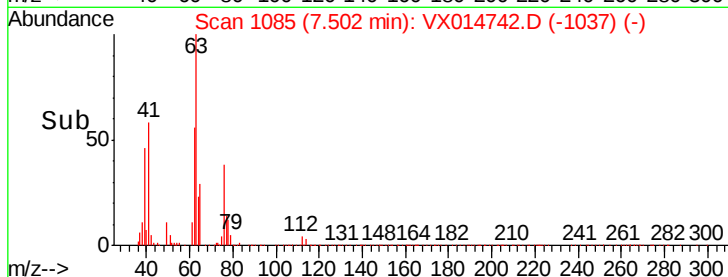
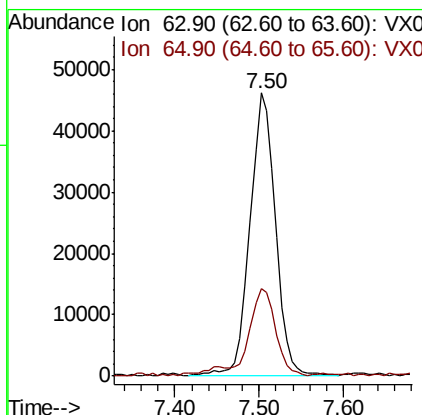
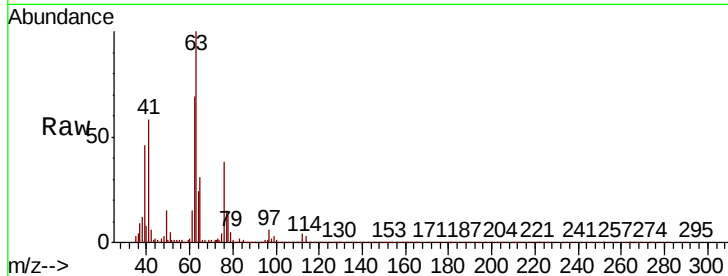




#45
 1,2-Dichloropropane
 Concen: 19.156 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

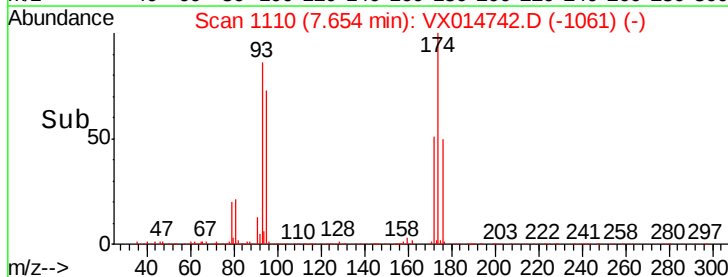
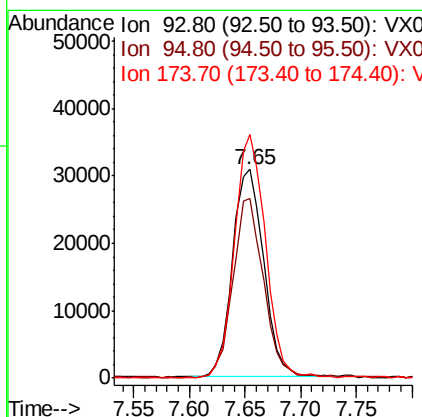
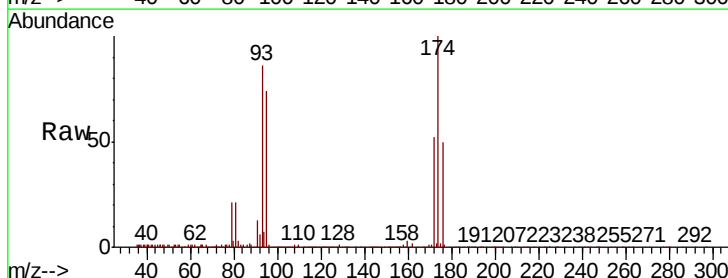
Instrument :
 MSVOA_X
 ClientSampleId :

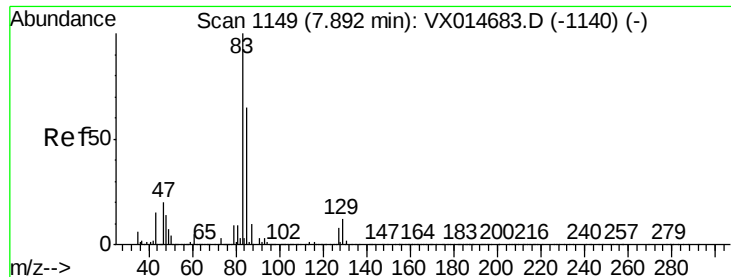
Tot Ion: 63 Resp: 93778
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.2 37.8



#46
 Dibromomethane
 Concen: 18.880 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion: 93 Resp: 59860
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.4
 174 117.5 90.2 135.2





#47

Bromodichloromethane

Concen: 18.779 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :

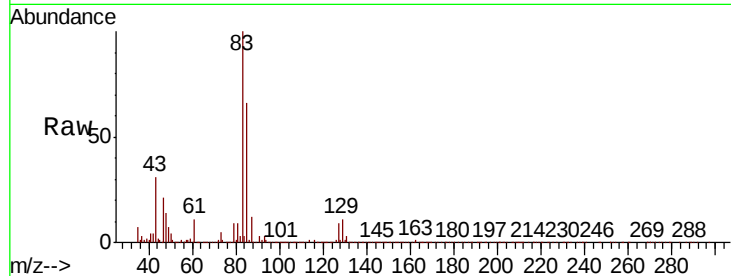
Tot Ion: 83 Resp: 116778

Ion Ratio Lower Upper

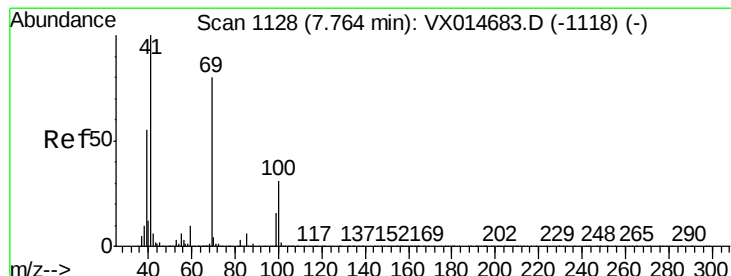
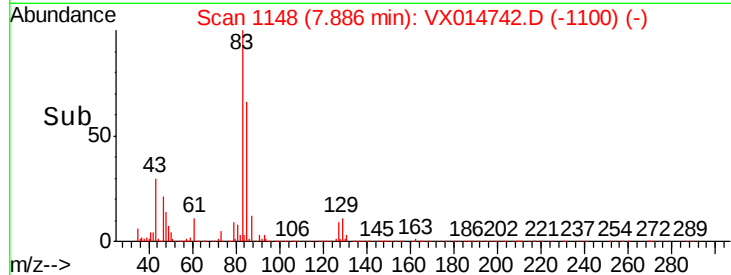
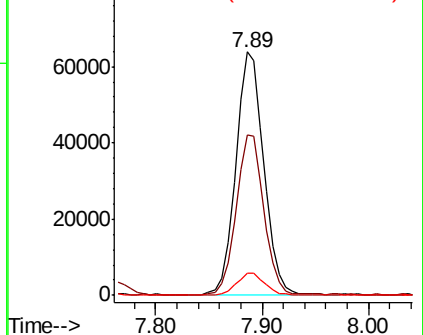
83 100

85 66.0 52.2 78.2

127 8.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.591 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

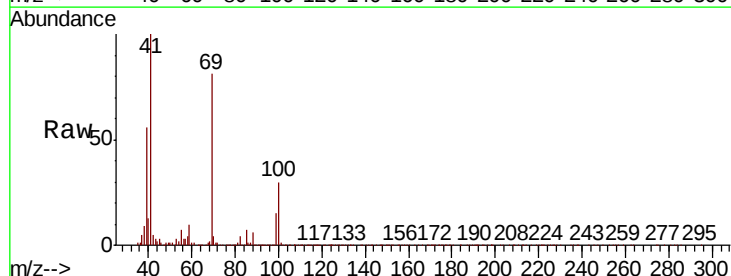
Tgt Ion: 41 Resp: 102460

Ion Ratio Lower Upper

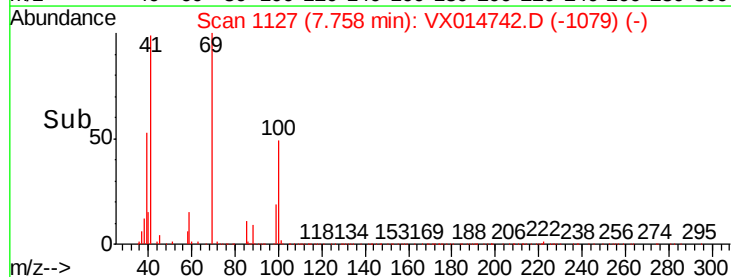
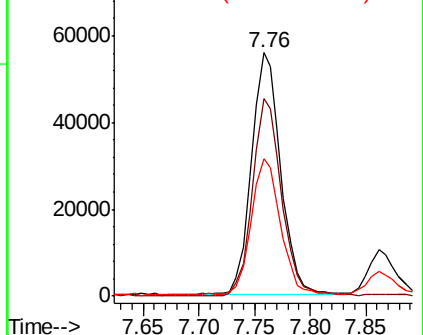
41 100

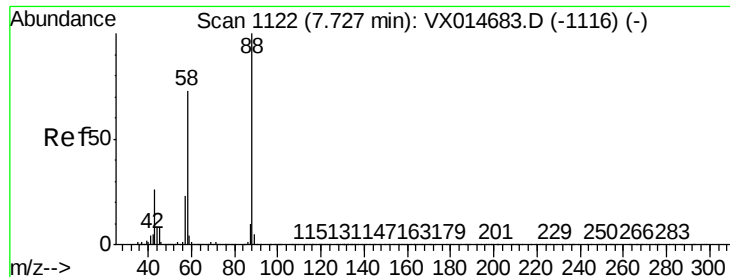
69 80.1 63.5 95.3

39 56.1 43.7 65.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 376.725 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

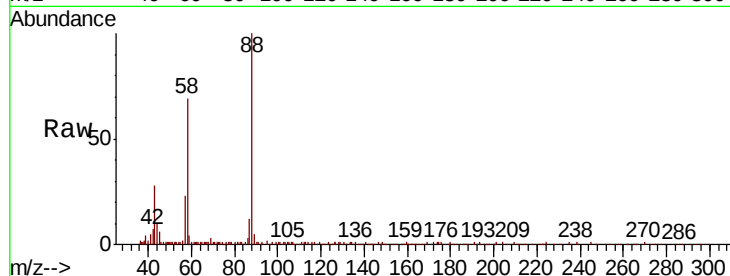
Tot Ion: 88 Resp: 44011

Ion Ratio Lower Upper

88 100

43 35.1 26.2 39.2

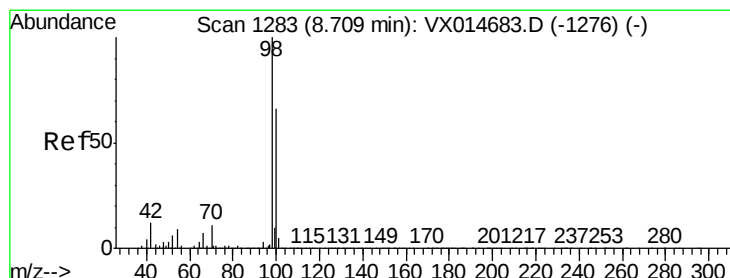
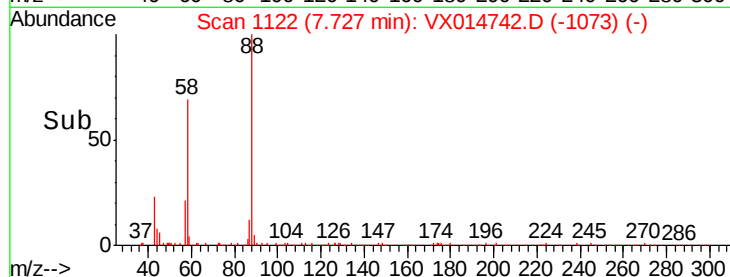
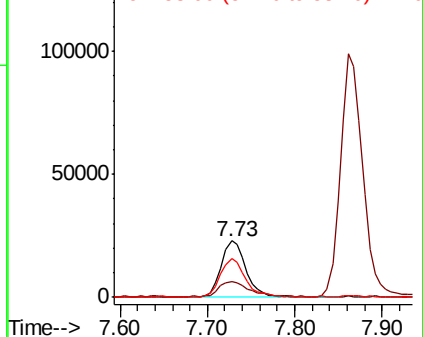
58 68.9 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.014 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014742.D

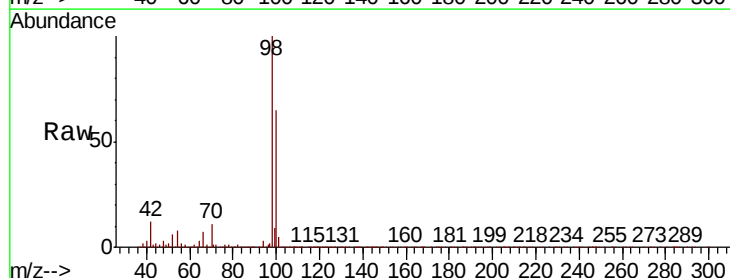
Acq: 28 Jan 2020 11:21

Tgt Ion: 98 Resp: 803007

Ion Ratio Lower Upper

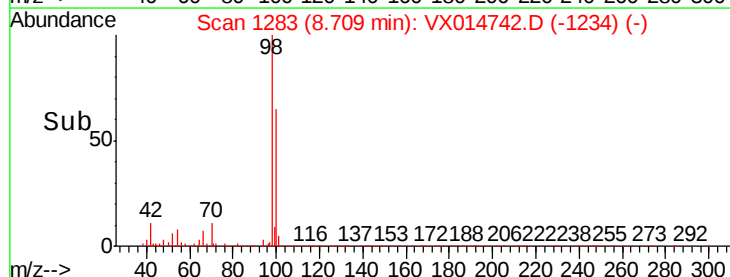
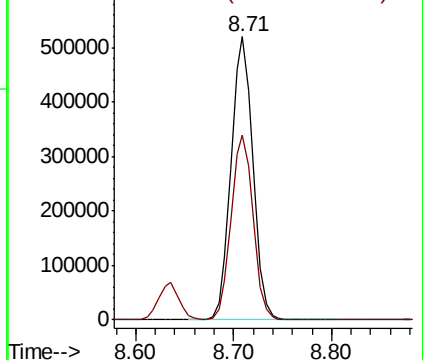
98 100

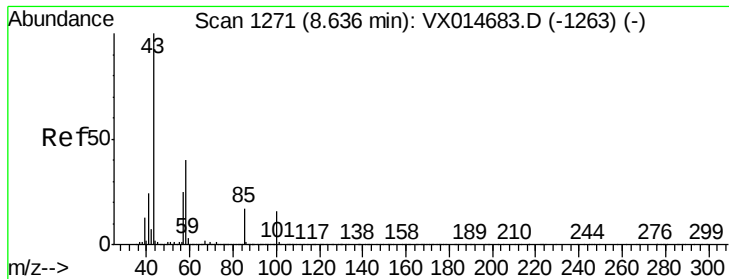
100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 91.412 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

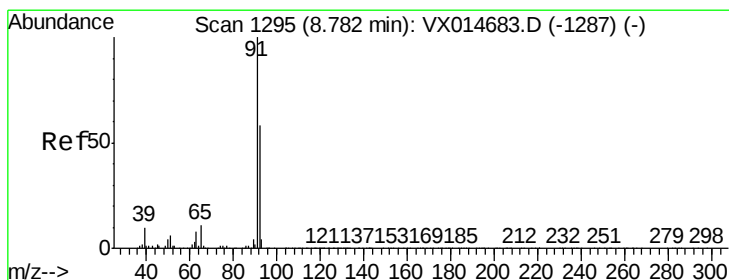
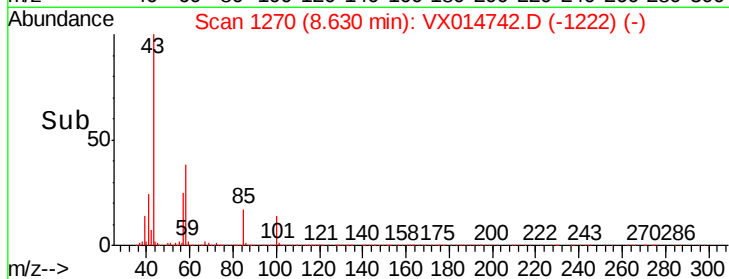
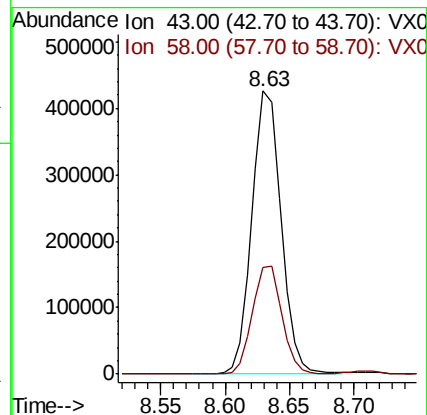
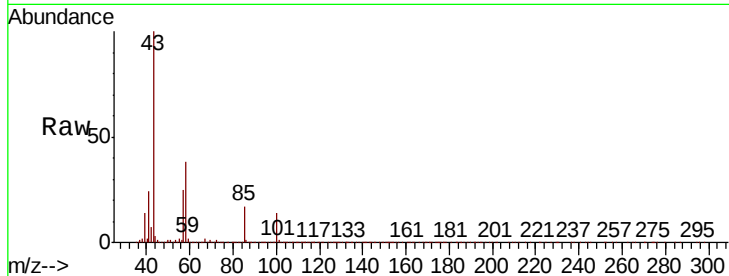
ClientSampleId :

Tot Ion: 43 Resp: 665491

Ion Ratio Lower Upper

43 100

58 38.7 31.6 47.4



#52

Toluene

Concen: 19.449 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014742.D

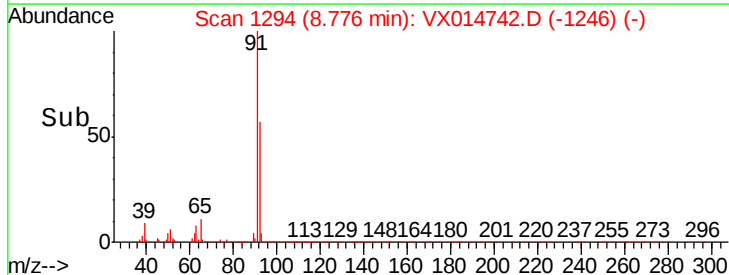
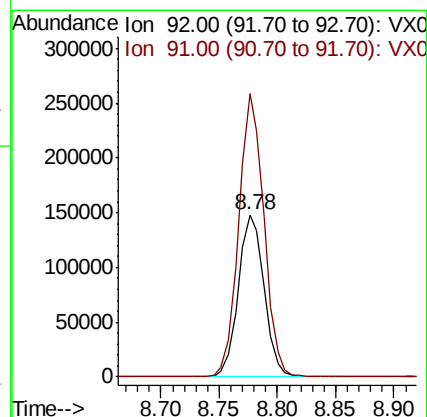
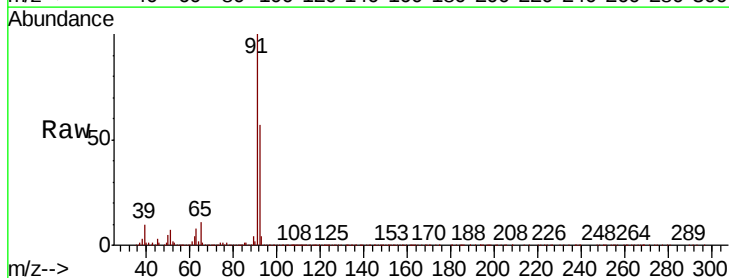
Acq: 28 Jan 2020 11:21

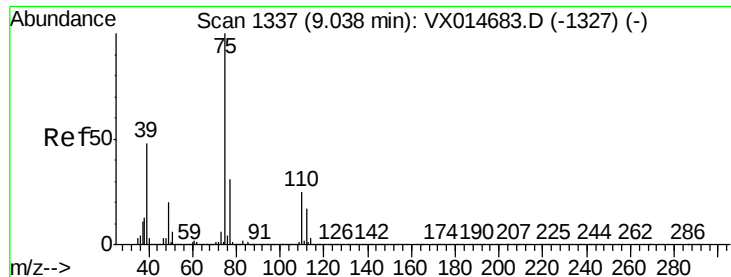
Tgt Ion: 92 Resp: 227185

Ion Ratio Lower Upper

92 100

91 171.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 18.855 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

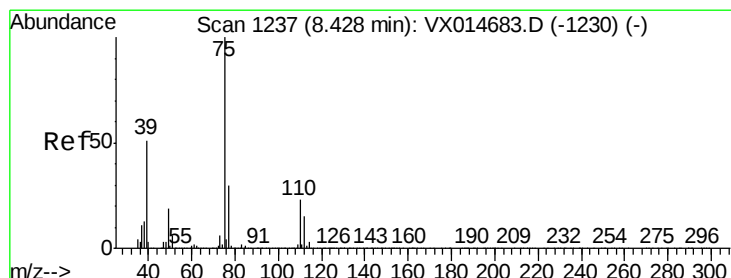
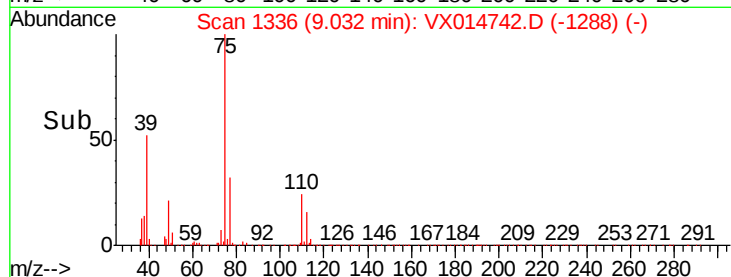
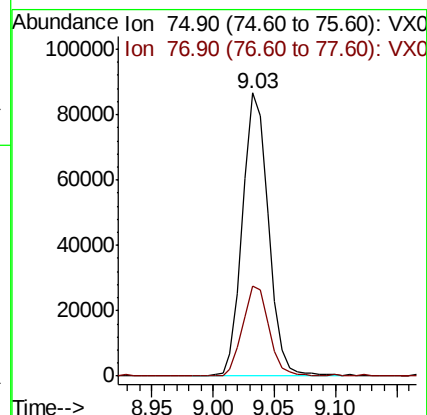
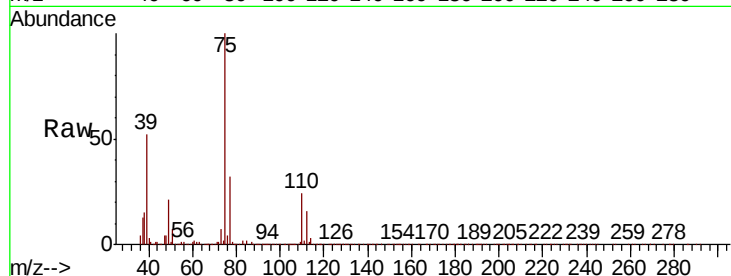
ClientSampleId :

Tot Ion: 75 Resp: 126253

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.148 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

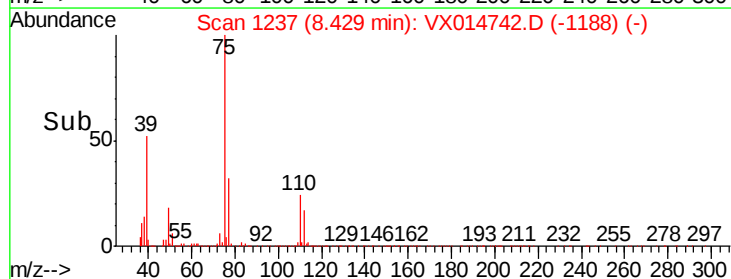
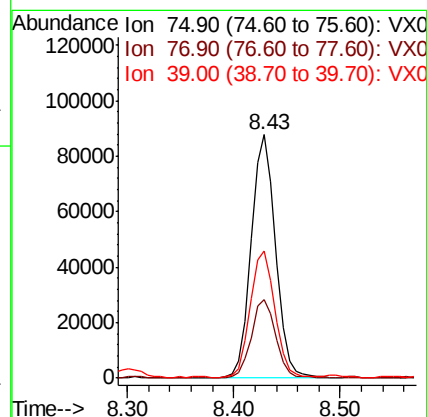
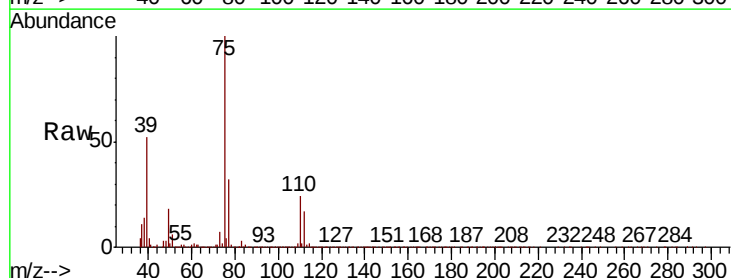
Tgt Ion: 75 Resp: 141048

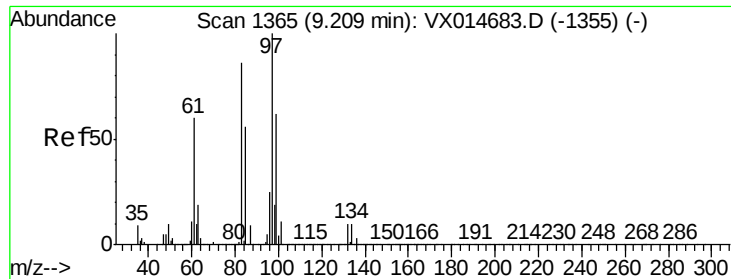
Ion Ratio Lower Upper

75 100

77 32.3 23.9 35.9

39 51.8 40.9 61.3

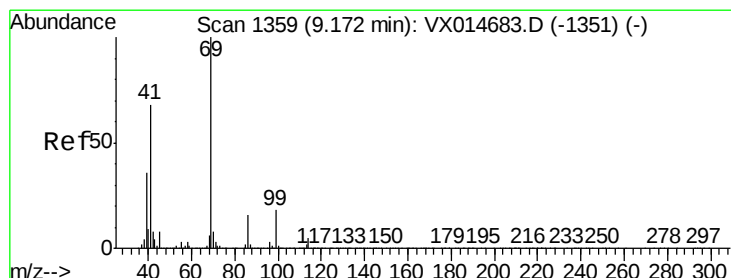
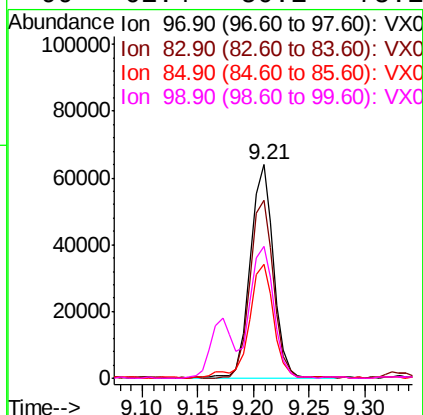
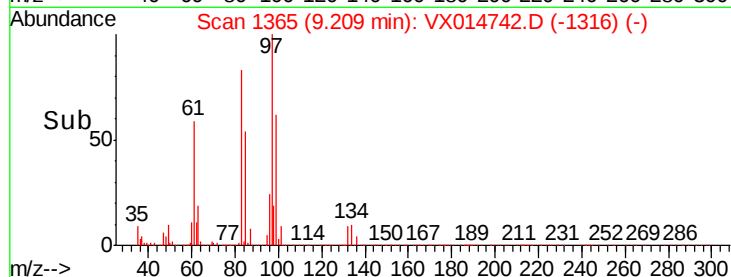
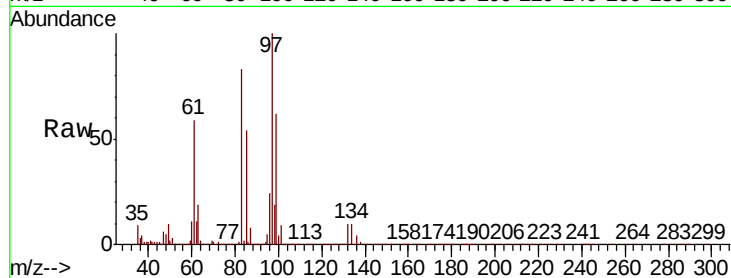




#55
 1,1,2-Trichloroethane
 Concen: 19.267 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

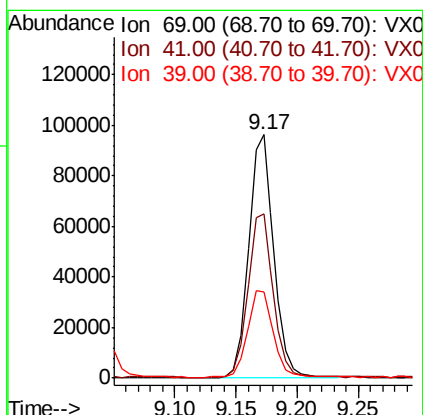
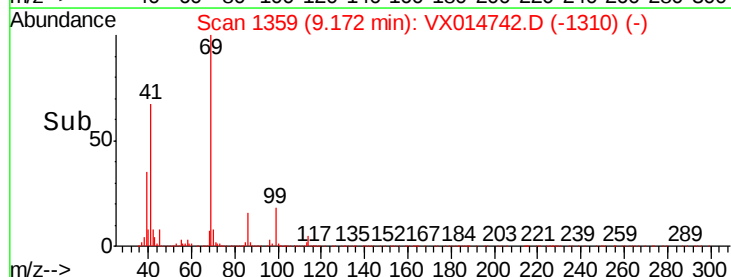
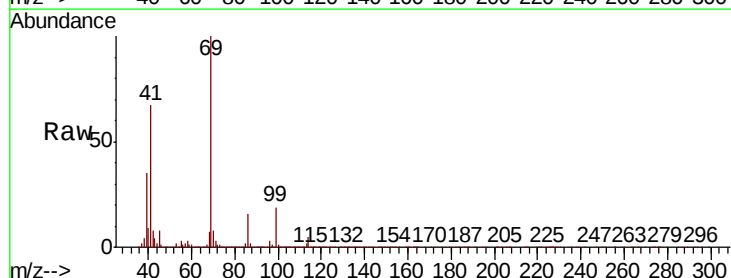
Instrument :
 MSVOA_X
 ClientSampleId :

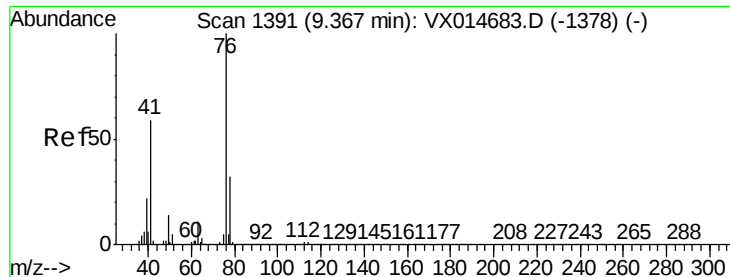
Tot Ion:	97	Resp:	92145
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.2	103.8
85	53.4	44.6	67.0
99	61.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.042 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion:	69	Resp:	136688
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.9	82.3
39	36.5	29.3	43.9

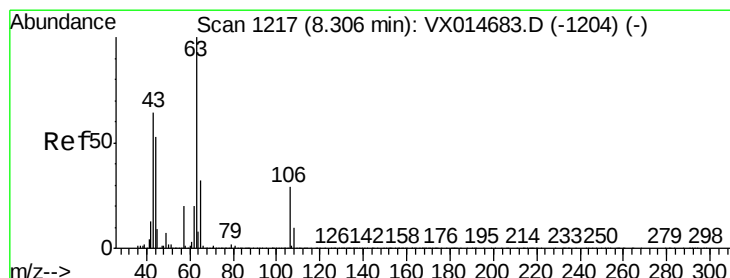
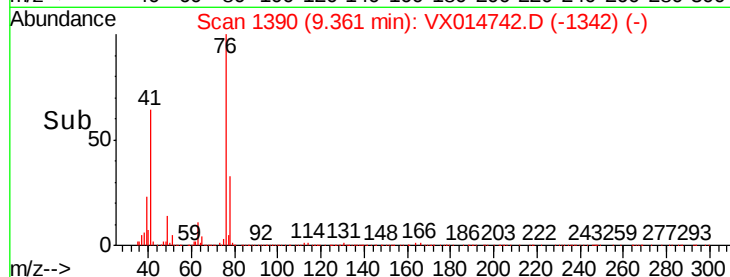
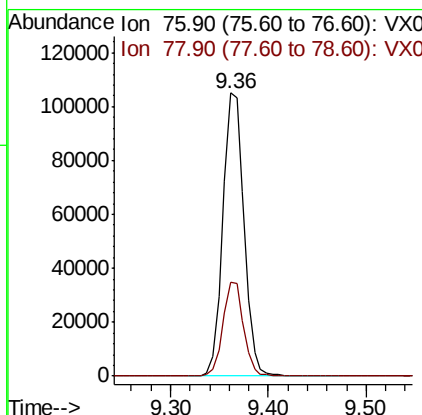
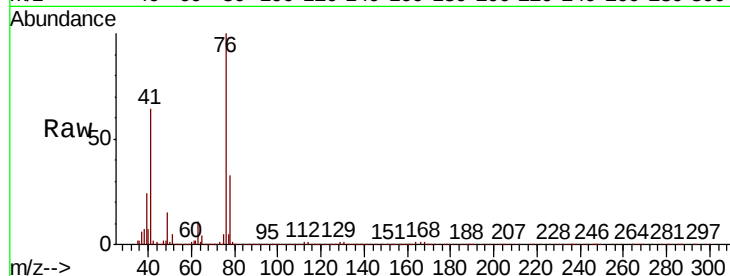




#57
 1,3-Dichloropropane
 Concen: 19.215 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

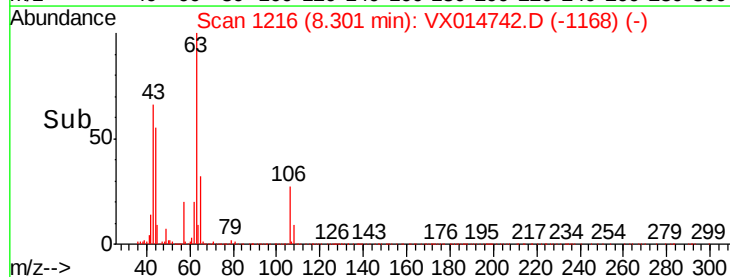
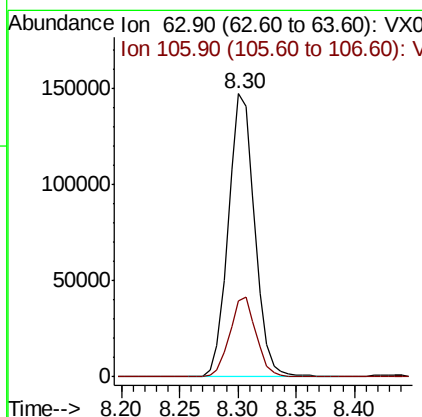
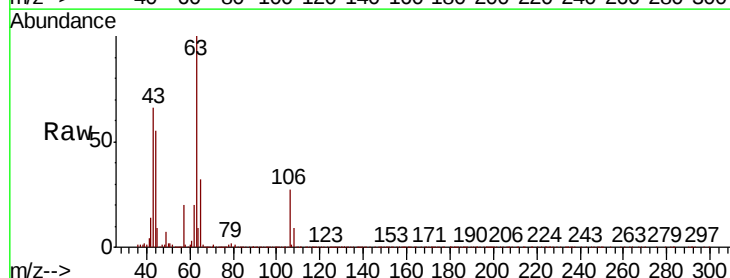
Instrument :
 MSVOA_X
 ClientSampleId :

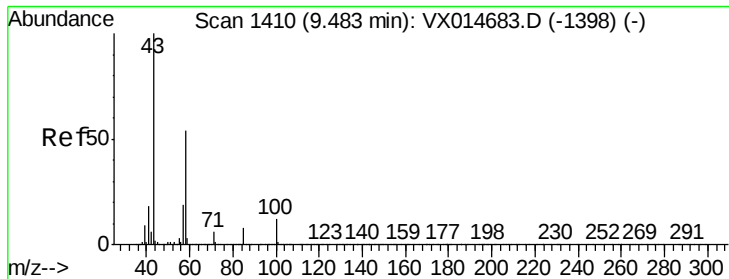
Tot Ion: 76 Resp: 157092
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.100 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion: 63 Resp: 231134
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

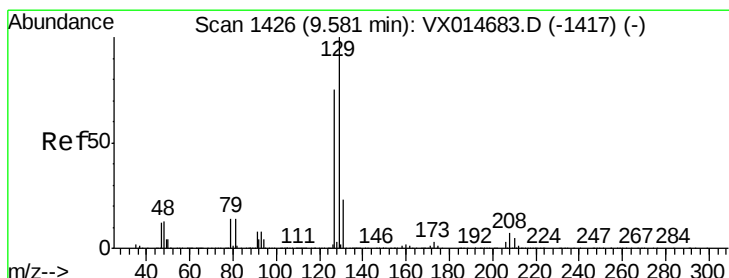
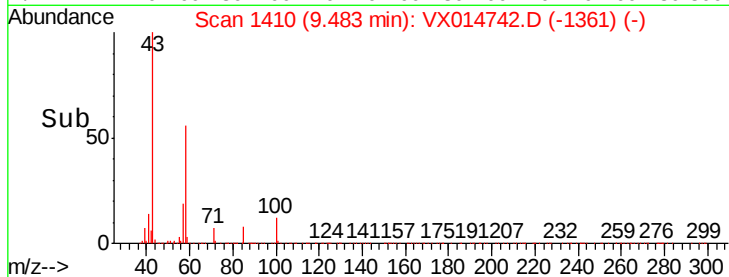
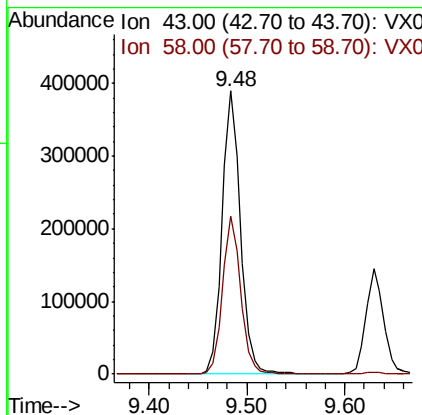
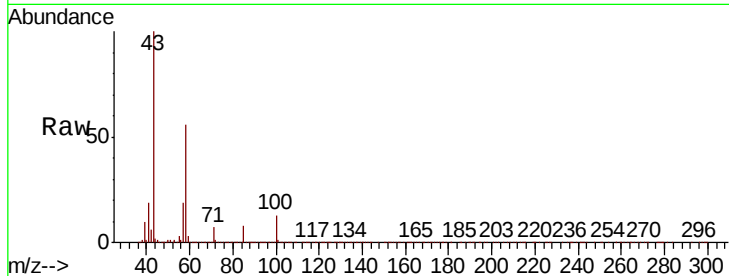




#59
2-Hexanone
Concen: 89.510 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

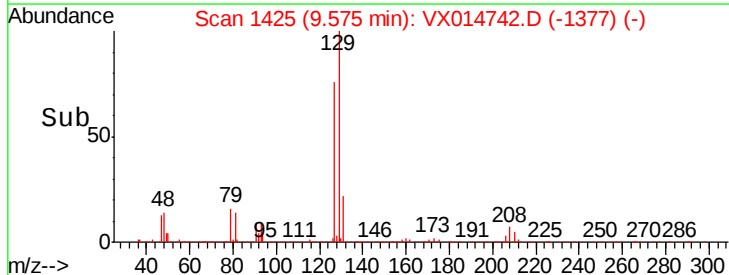
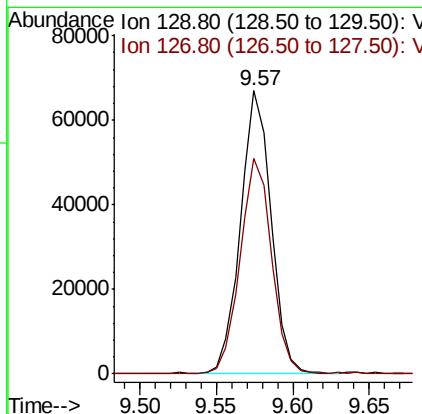
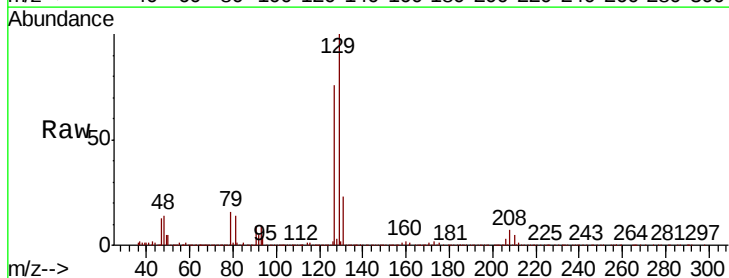
Instrument :
MSVOA_X
ClientSampleId :

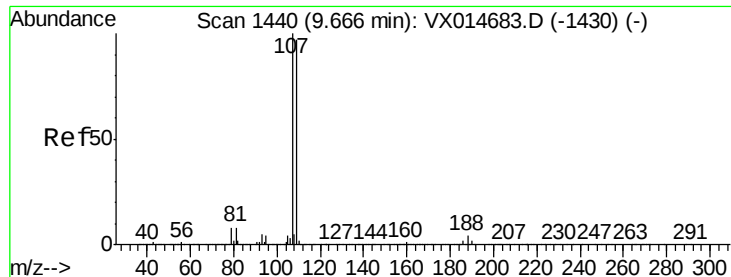
Tot Ion: 43 Resp: 505667
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5



#60
Dibromochloromethane
Concen: 18.551 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 129 Resp: 92604
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.049 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

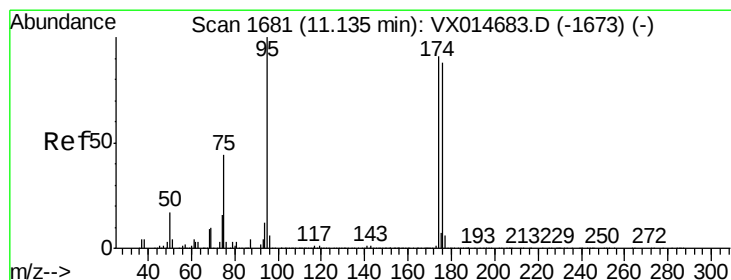
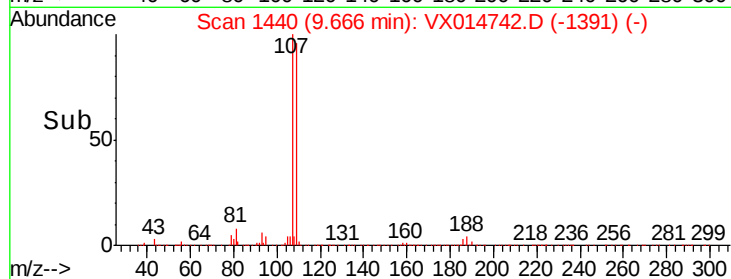
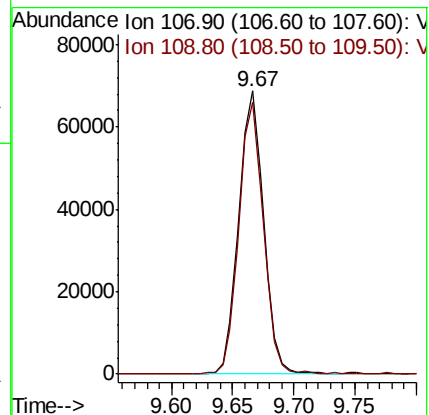
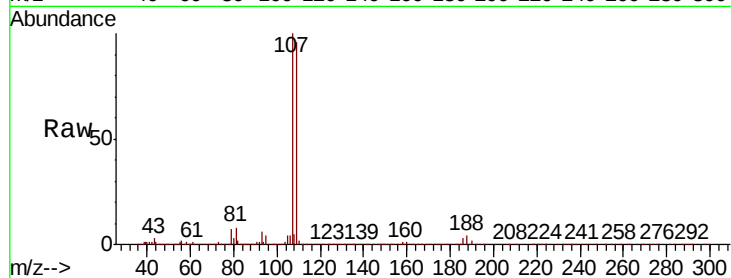
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 96323

Ion Ratio Lower Upper

107 100

109 95.2 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 48.993 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

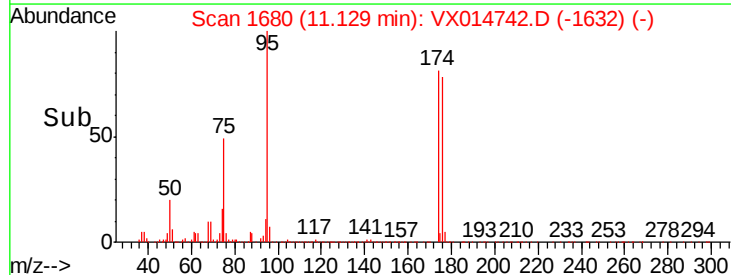
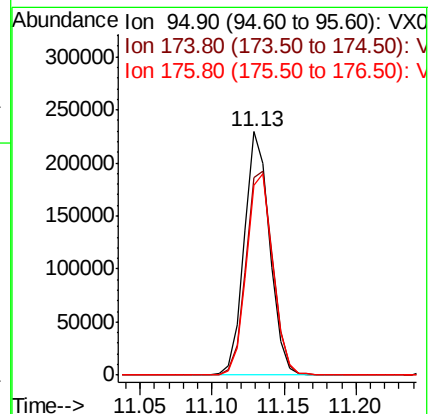
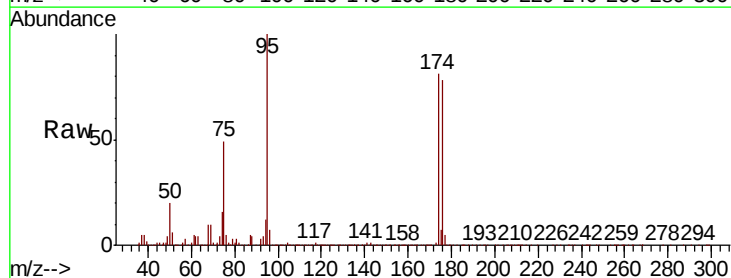
Tgt Ion: 95 Resp: 280209

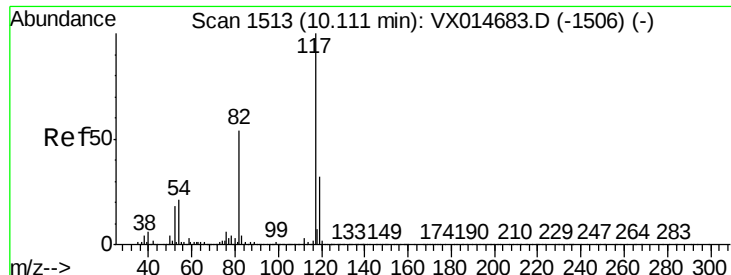
Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.0

176 85.9 0.0 172.2

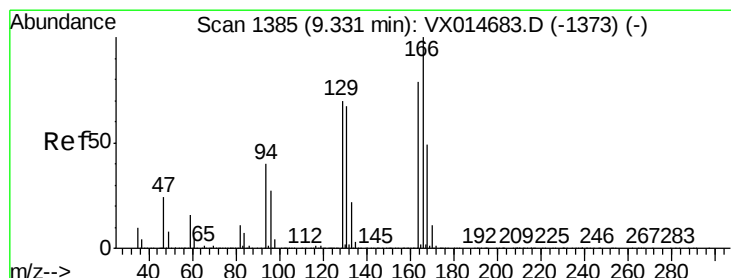
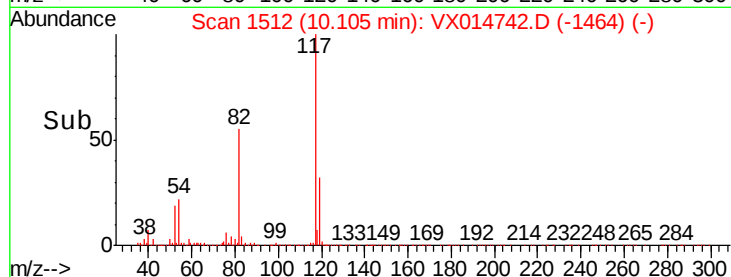
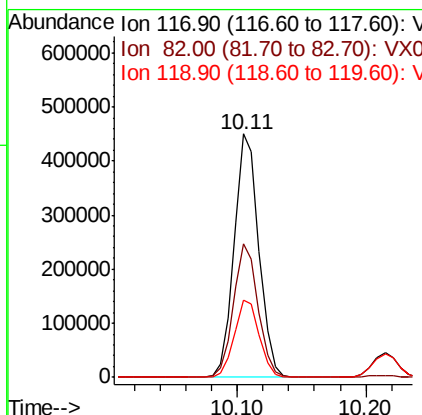
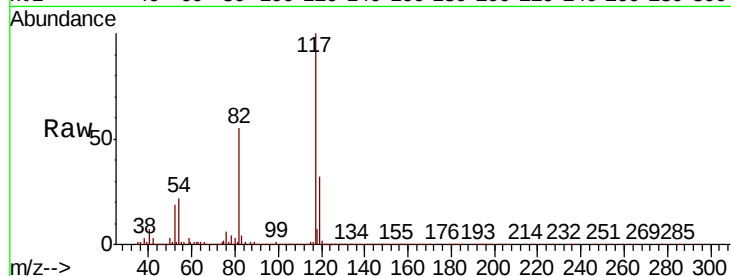




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

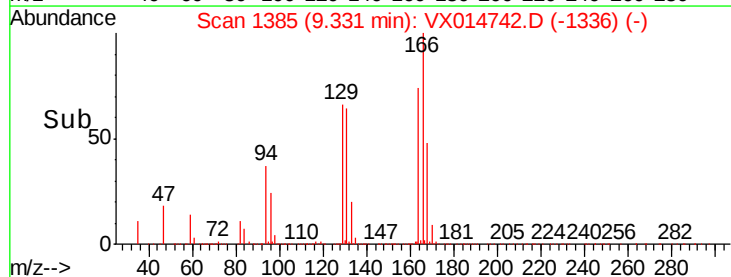
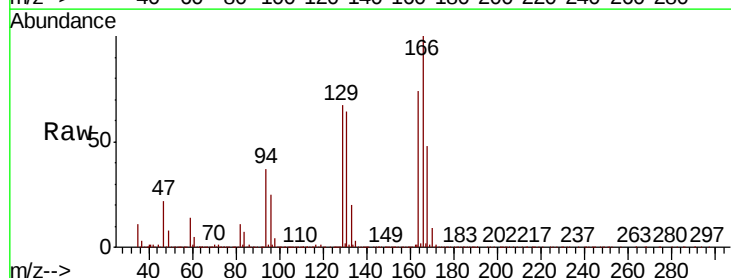
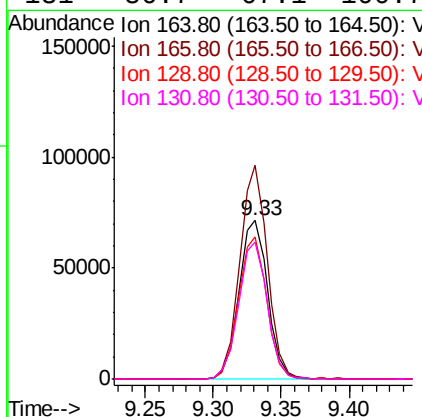
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.2	64.8
119	31.6	25.8	38.6



#64
Tetrachloroethene
Concen: 17.592 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.8	100.9	151.3
129	89.7	71.0	106.6
131	86.7	67.1	100.7





#65

Chlorobenzene

Concen: 18.944 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

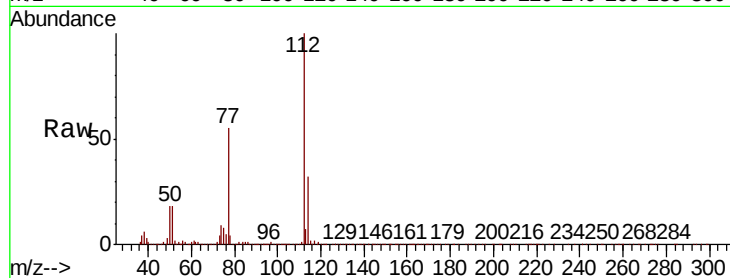
ClientSampleId :

Tot Ion:112 Resp: 243245

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

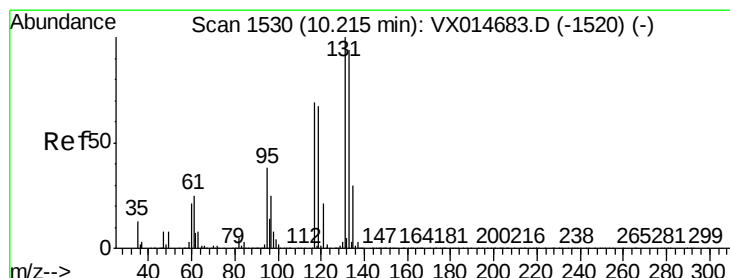
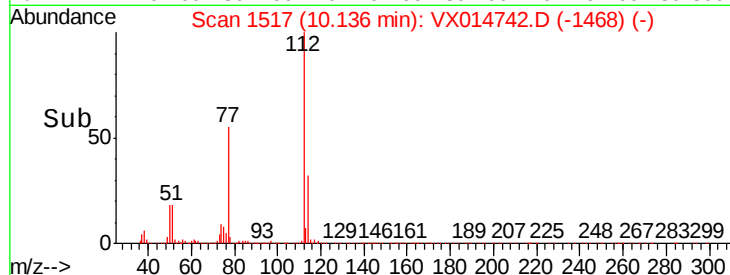
100000

50000

0

10.05 10.10 10.15 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.885 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

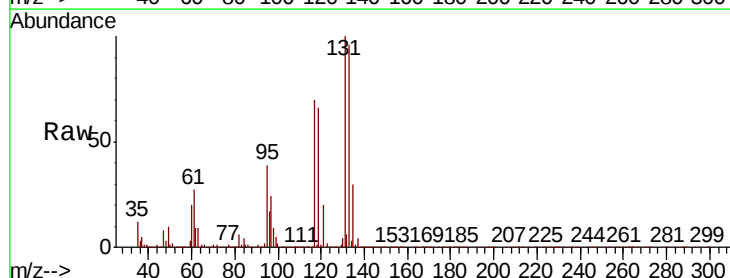
Tgt Ion:131 Resp: 89407

Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.3

119 66.5 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

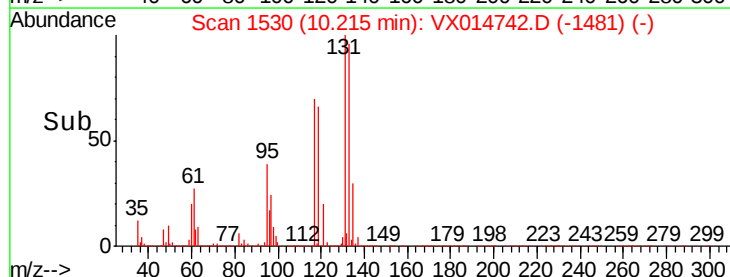
40000

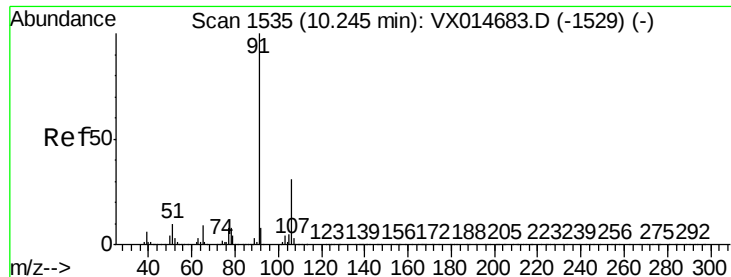
20000

0

10.15 10.20 10.25

Time-->

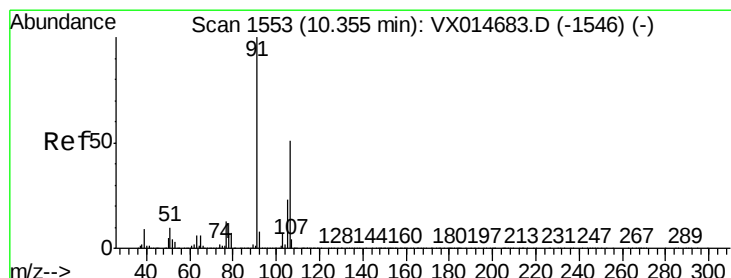
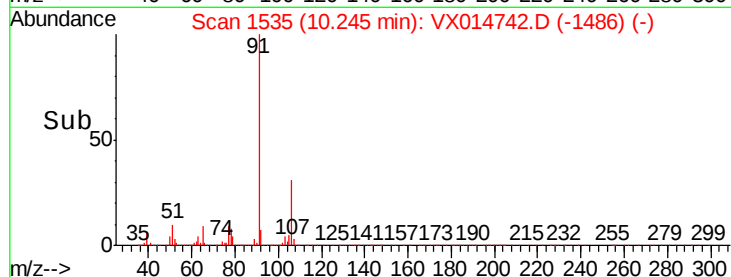
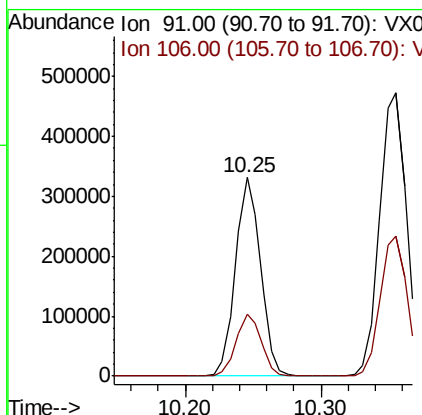
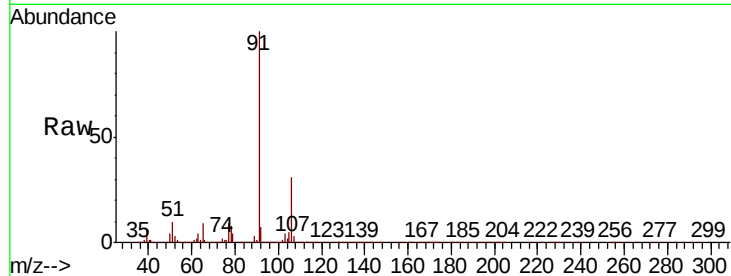




#67
Ethyl Benzene
Concen: 19.433 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

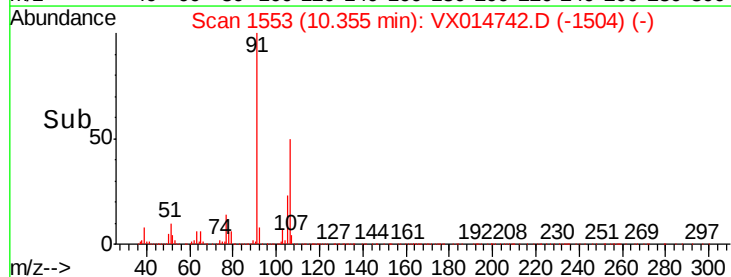
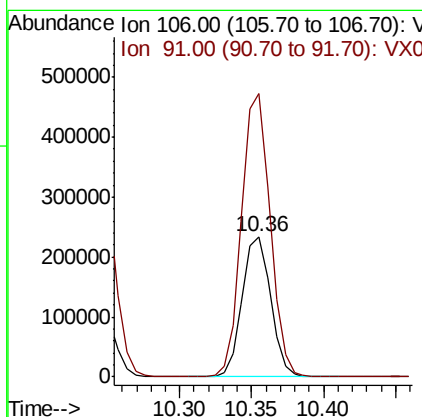
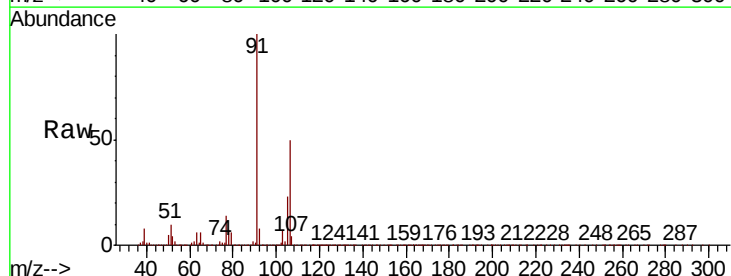
Instrument :
MSVOA_X
ClientSampled :

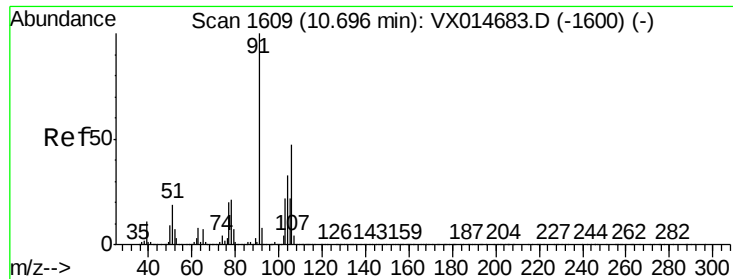
Tot Ion: 91 Resp: 426058
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 38.833 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 106 Resp: 322551
Ion Ratio Lower Upper
106 100
91 201.9 159.4 239.2

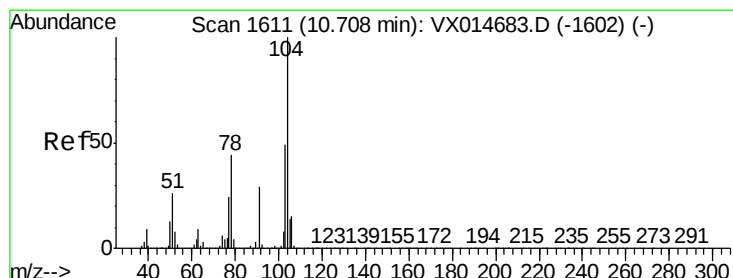
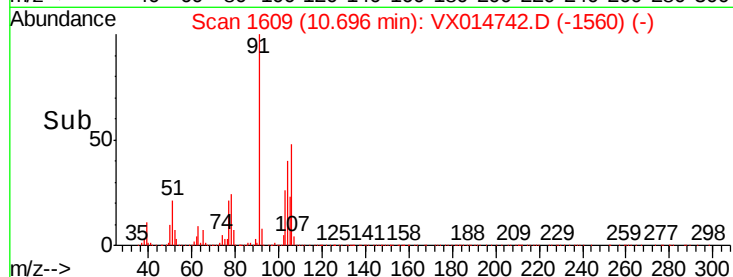
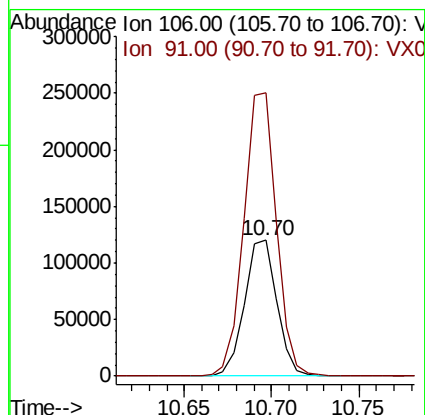
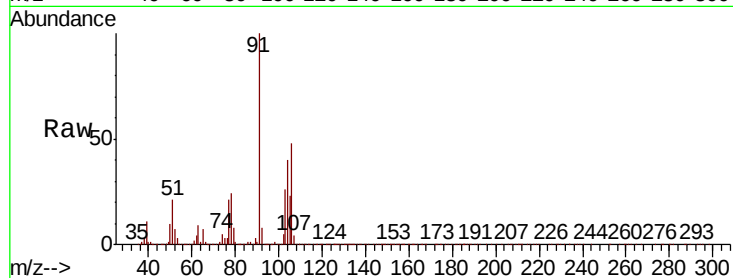




#69
o-Xylene
Concen: 19.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

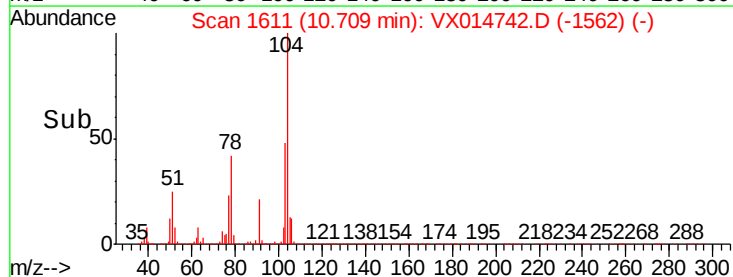
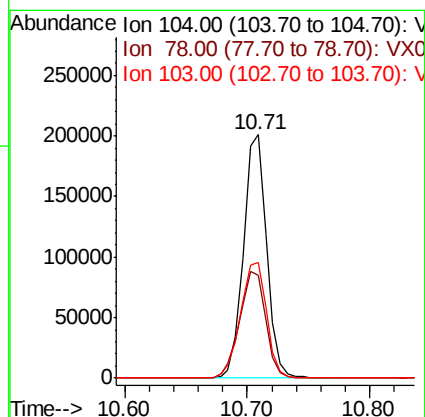
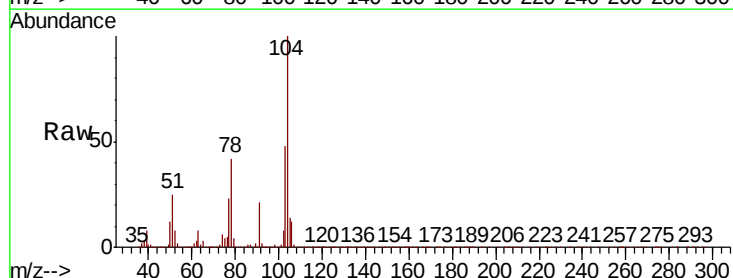
Instrument :
MSVOA_X
ClientSampleId :

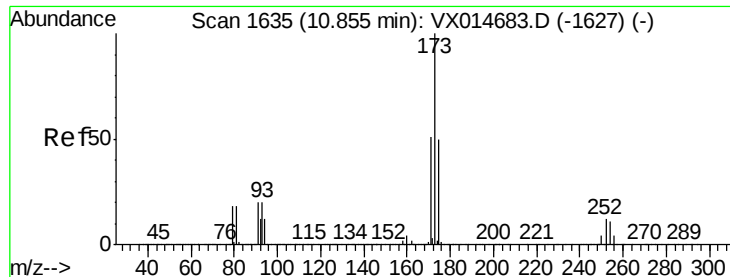
Tot Ion:106 Resp: 154653
Ion Ratio Lower Upper
106 100
91 209.6 106.2 318.6



#70
Styrene
Concen: 19.637 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion:104 Resp: 264138
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 53.9 43.5 65.3





#71

Bromoform

Concen: 18.215 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

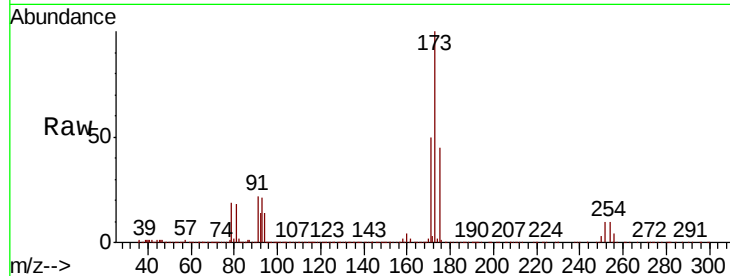
Tot Ion:173 Resp: 68578

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

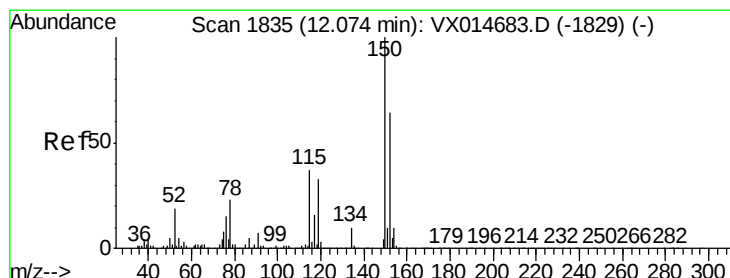
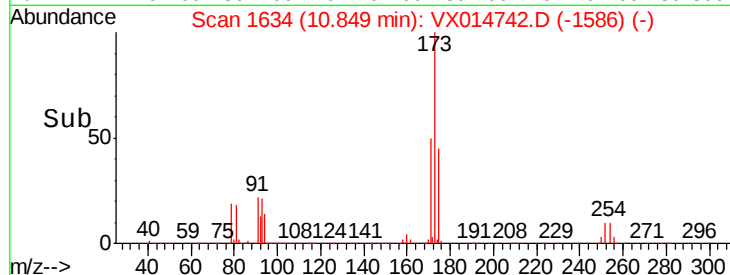
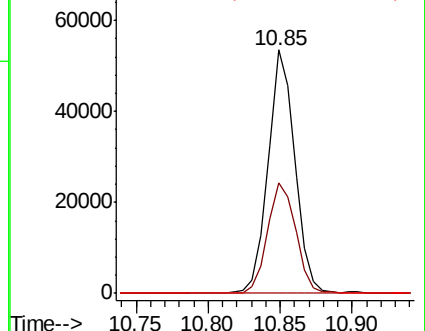
254 0.4 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

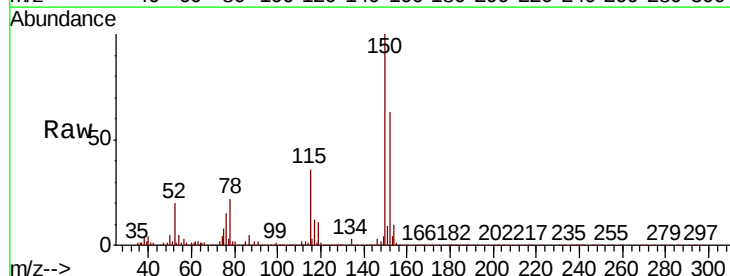
Tgt Ion:152 Resp: 305142

Ion Ratio Lower Upper

152 100

115 63.6 39.4 118.1

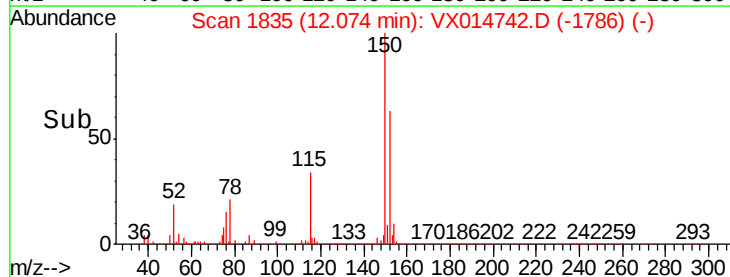
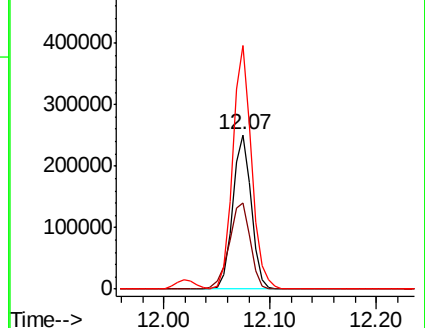
150 160.5 0.0 351.2

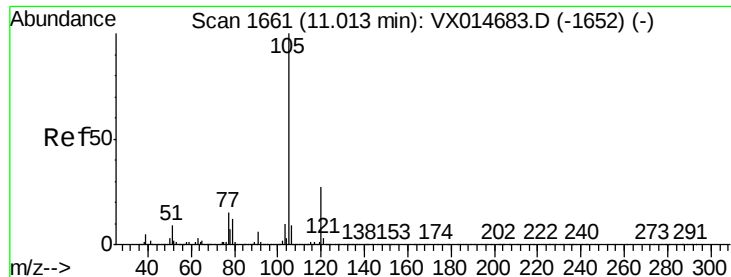


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.026 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

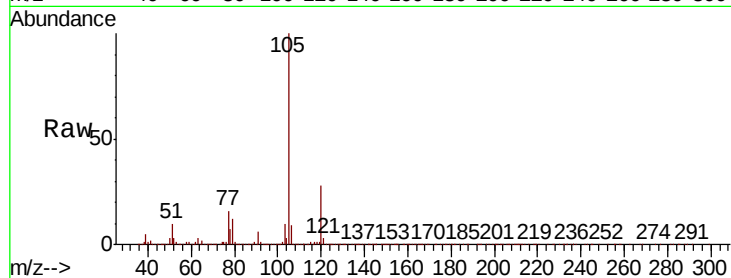
ClientSampleId :

Tot Ion:105 Resp: 408210

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

300000

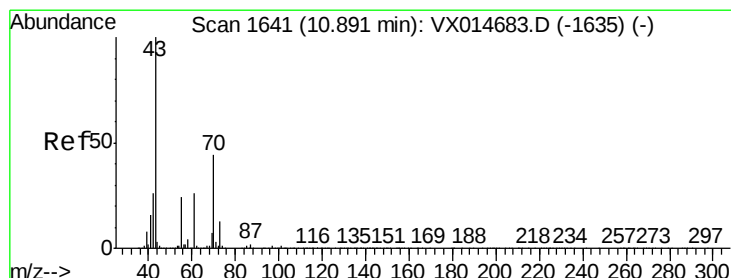
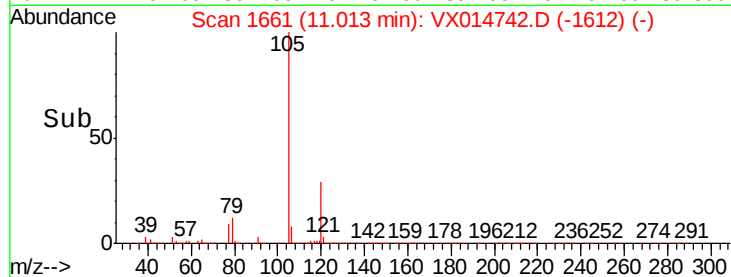
200000

100000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 18.380 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion: 43 Resp: 172813

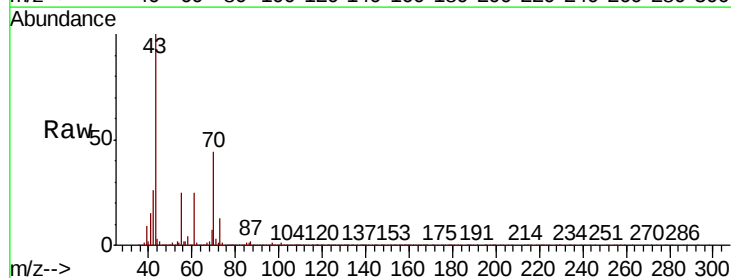
Ion Ratio Lower Upper

43 100

70 42.6 34.6 52.0

55 25.5 19.4 29.2

61 24.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

200000

150000

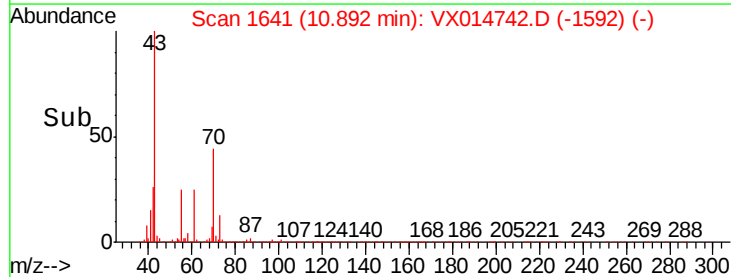
100000

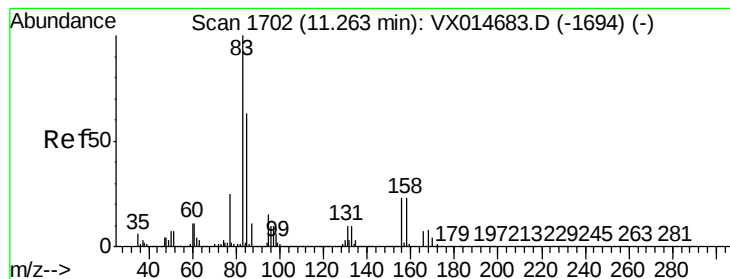
50000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 17.979 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

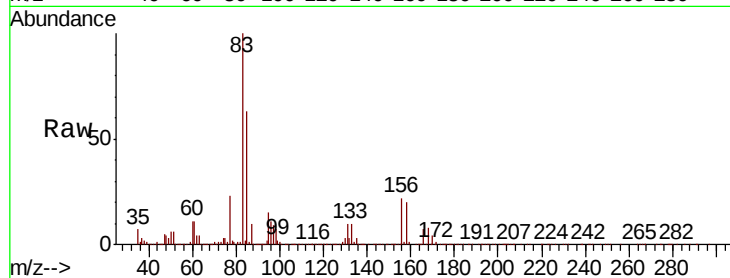
Tot Ion: 83 Resp: 137728

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

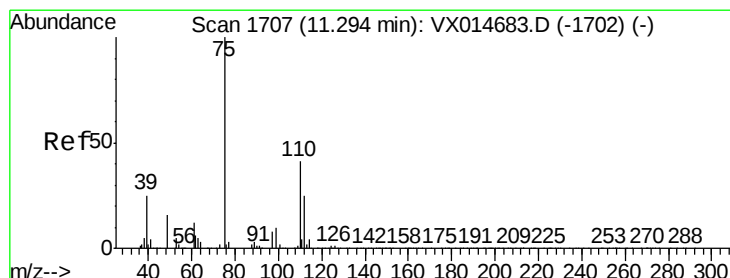
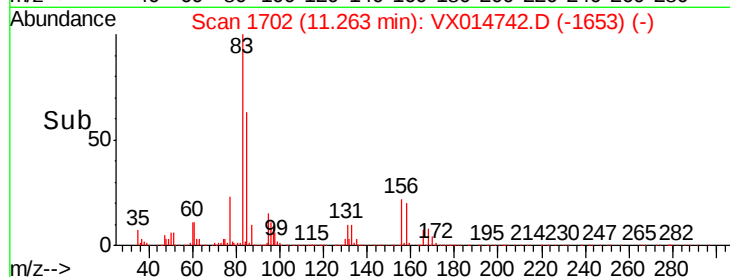
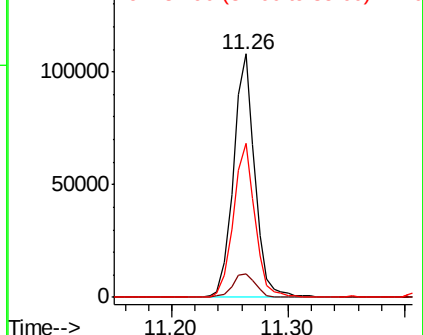
85 63.5 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.466 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014742.D

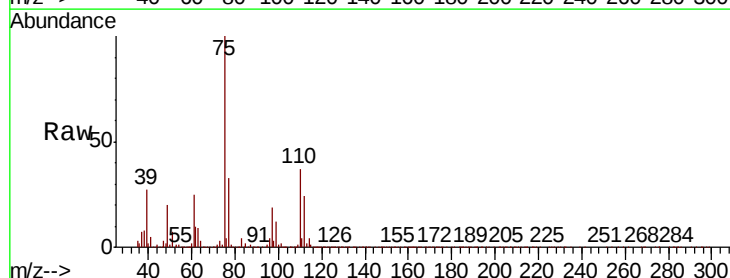
Acq: 28 Jan 2020 11:21

Tgt Ion: 75 Resp: 152395

Ion Ratio Lower Upper

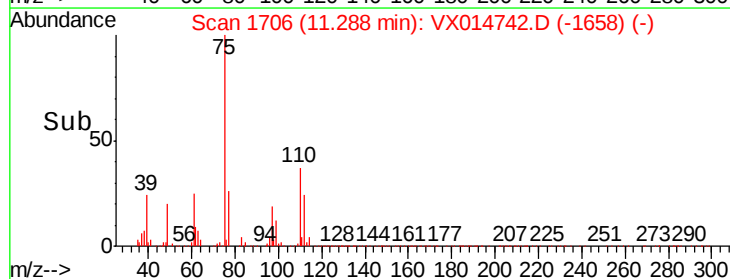
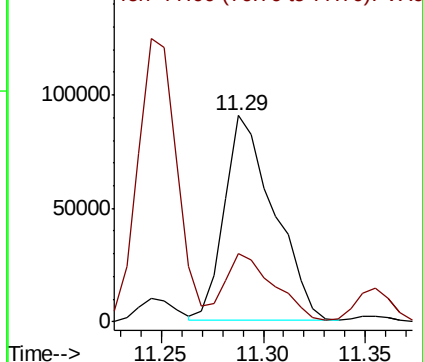
75 100

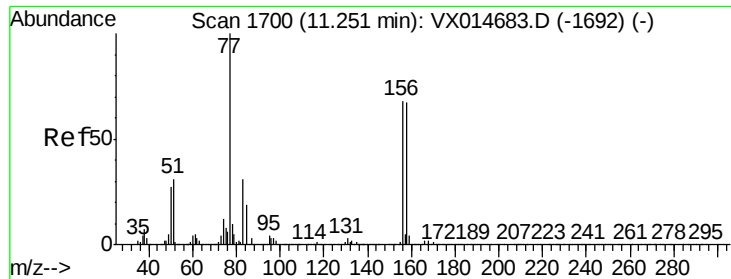
77 33.2 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.938 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

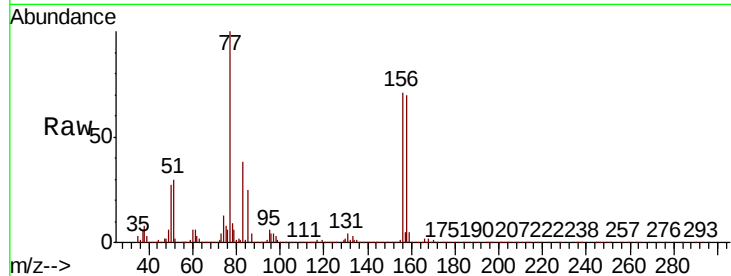
Tot Ion:156 Resp: 109161

Ion Ratio Lower Upper

156 100

77 150.7 77.5 232.5

158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

150000

100000

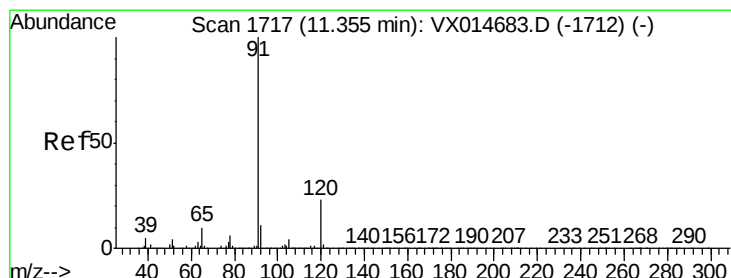
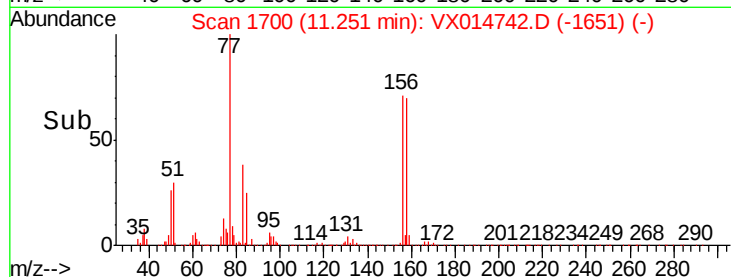
50000

0

11.25

11.20 11.25 11.30

Time-->



#78

n-propylbenzene

Concen: 19.658 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014742.D

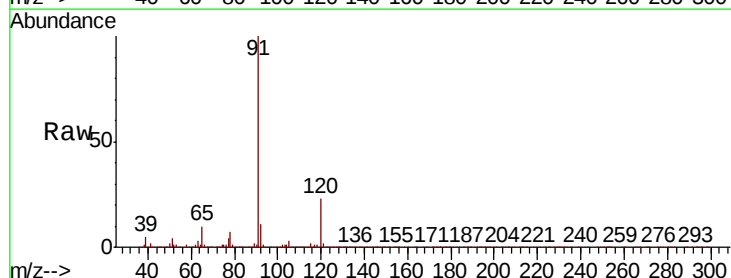
Acq: 28 Jan 2020 11:21

Tgt Ion: 91 Resp: 478763

Ion Ratio Lower Upper

91 100

120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

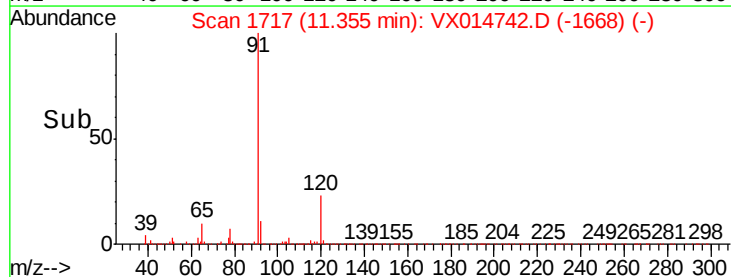
100000

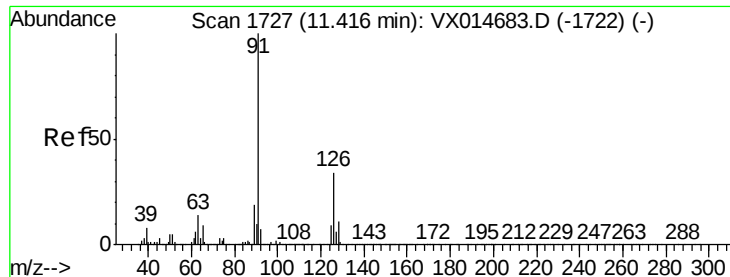
0

11.35

11.30 11.35 11.40

Time-->

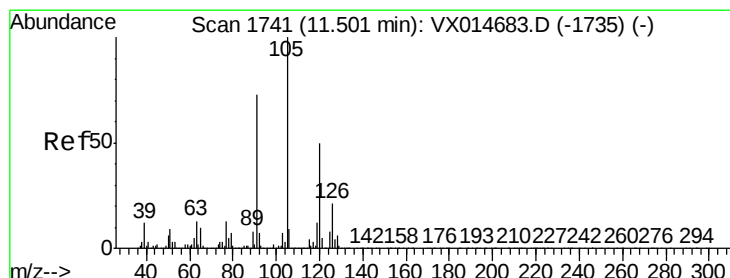
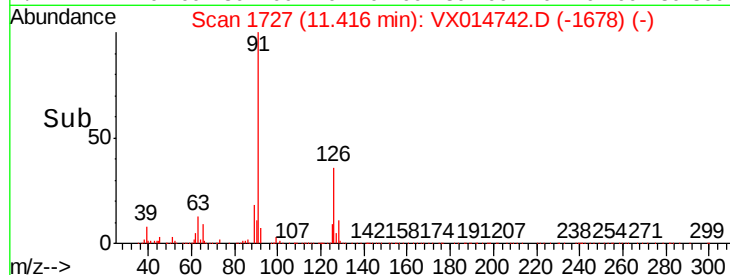
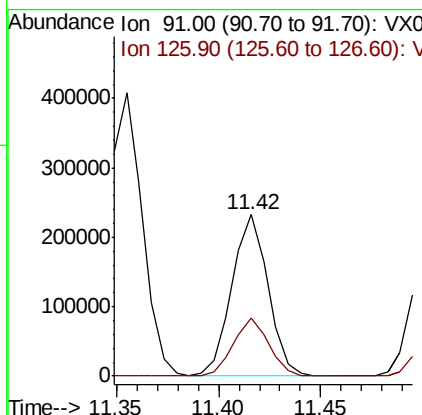
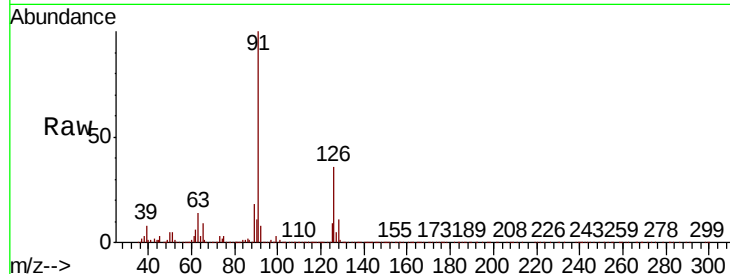




#79
 2-Chlorotoluene
 Concen: 19.231 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

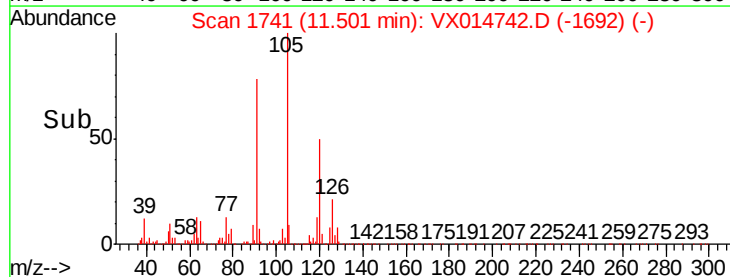
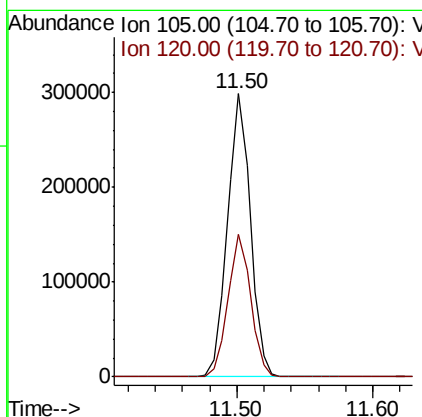
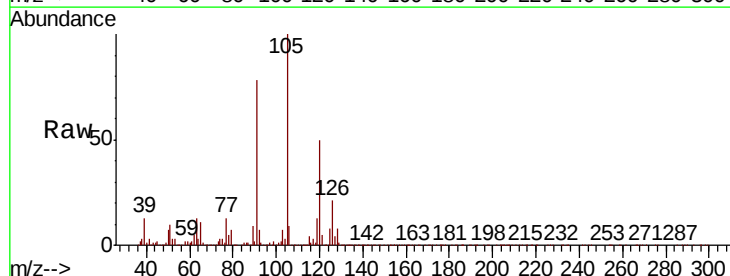
Instrument :
 MSVOA_X
 ClientSampleId :

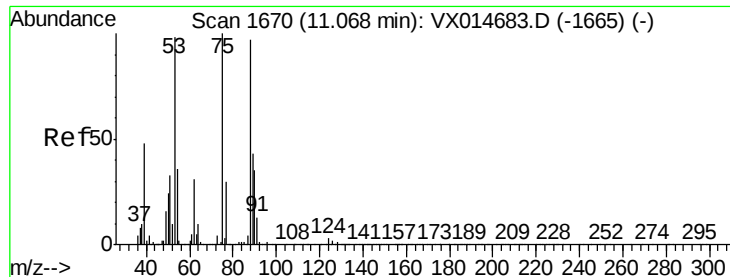
Tot Ion: 91 Resp: 283384
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.531 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion: 105 Resp: 347794
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.486 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

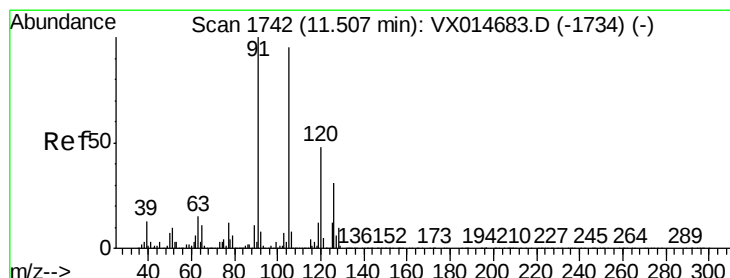
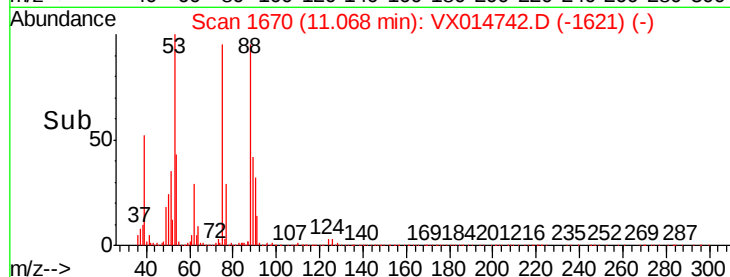
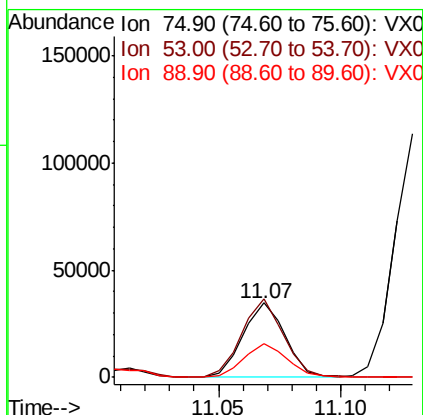
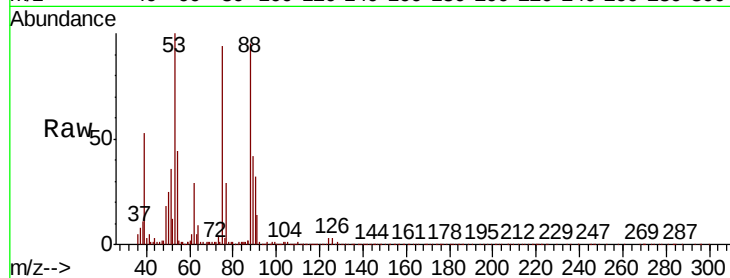
Tot Ion: 75 Resp: 41127

Ion Ratio Lower Upper

75 100

53 105.0 78.8 118.2

89 47.6 35.4 53.0



#82

4-Chlorotoluene

Concen: 19.521 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014742.D

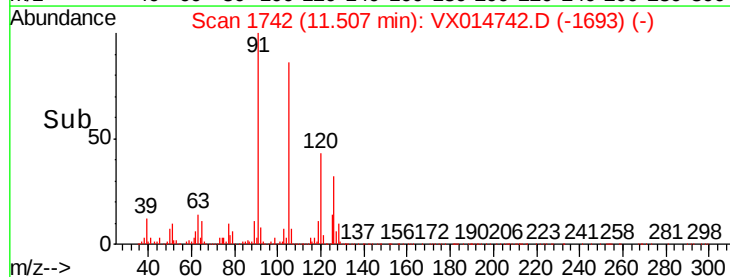
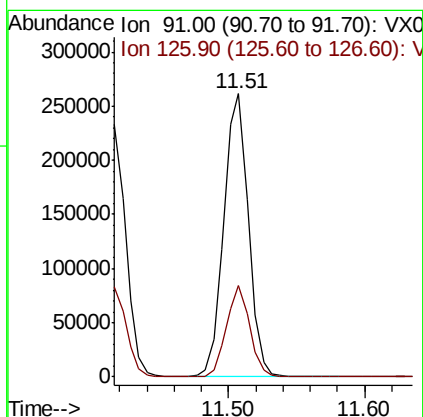
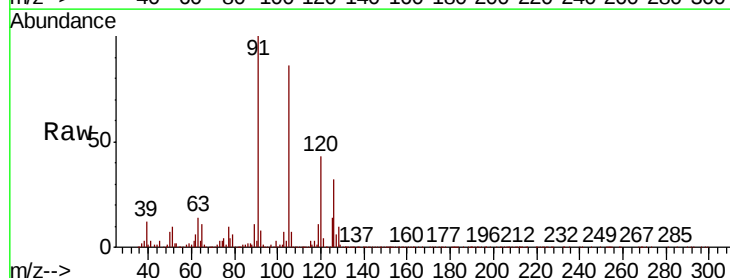
Acq: 28 Jan 2020 11:21

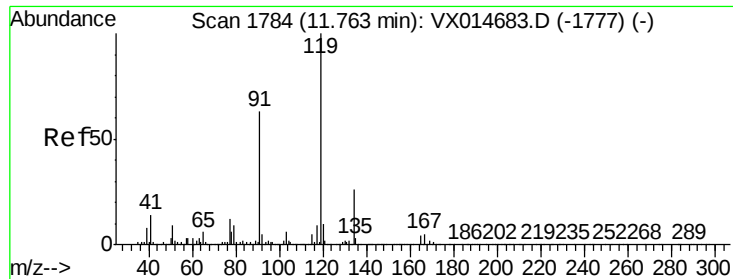
Tgt Ion: 91 Resp: 327487

Ion Ratio Lower Upper

91 100

126 30.2 15.4 46.4

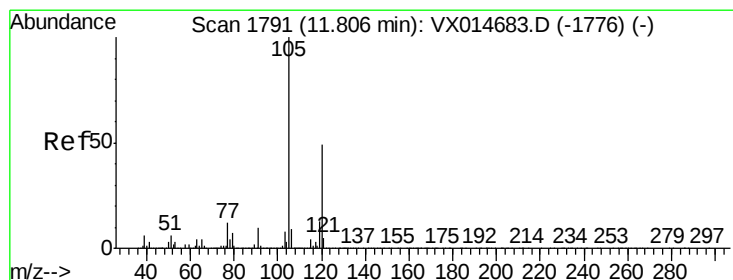
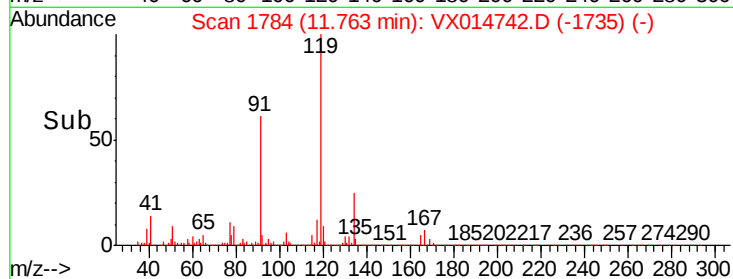
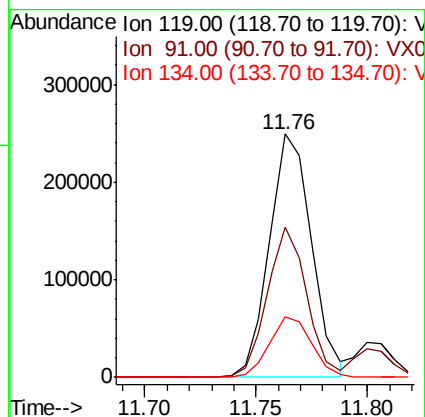
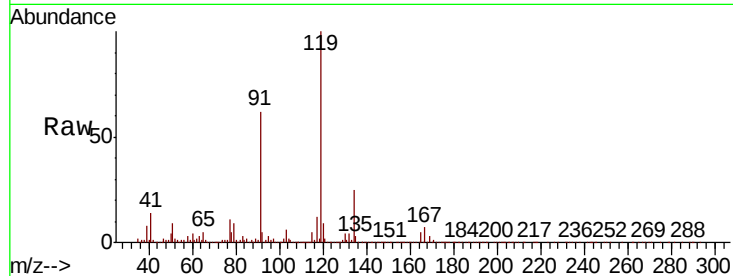




#83
tert-Butylbenzene
Concen: 19.531 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

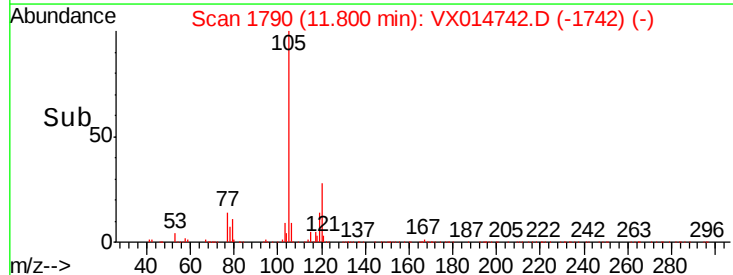
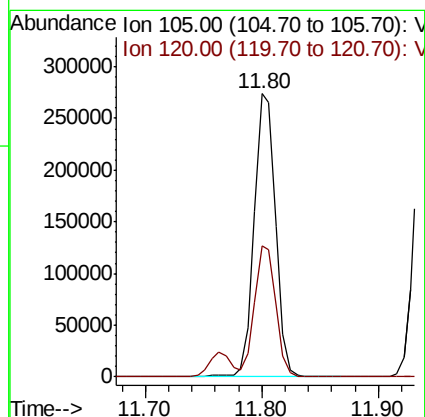
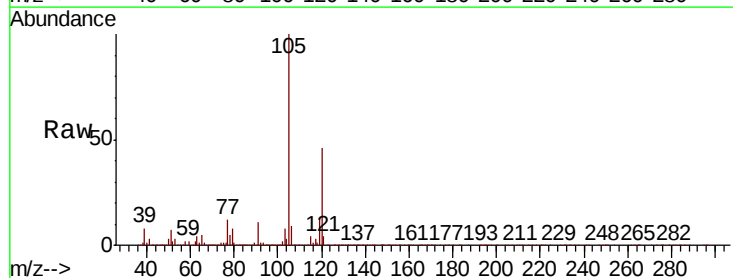
Instrument :
MSVOA_X
ClientSampleId :

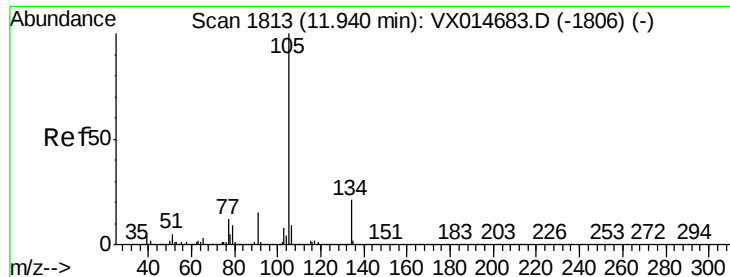
Tot Ion:119 Resp: 326823
Ion Ratio Lower Upper
119 100
91 57.8 30.0 90.0
134 24.9 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 19.619 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion:105 Resp: 350420
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.851 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

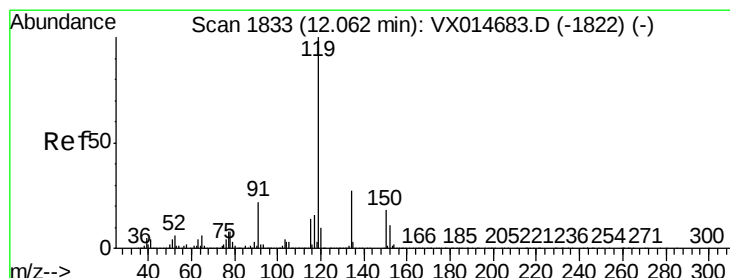
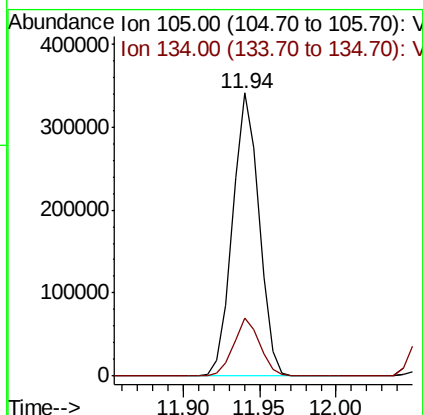
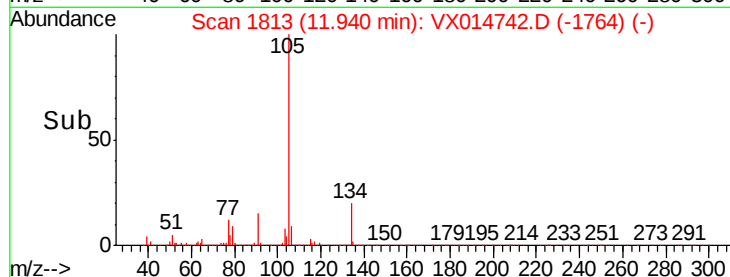
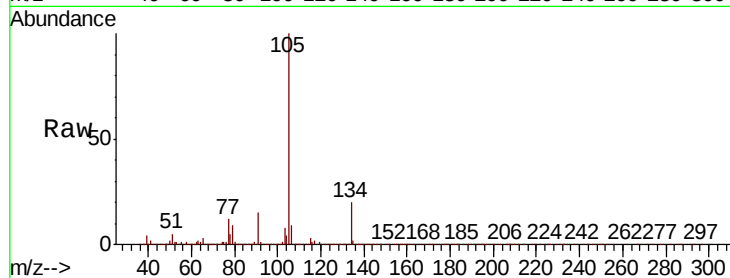
ClientSampleId :

Tot Ion:105 Resp: 406924

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.644 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

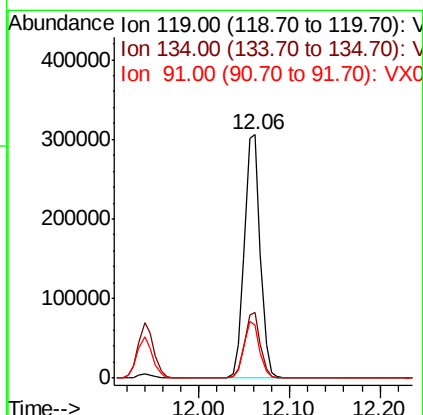
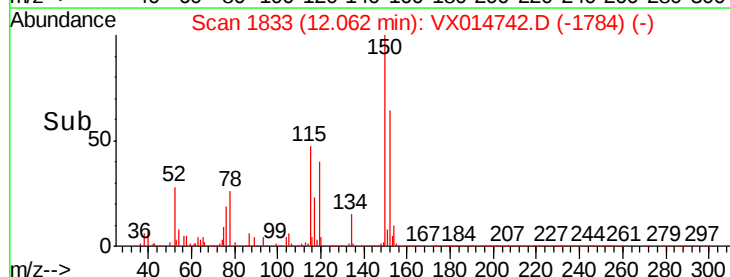
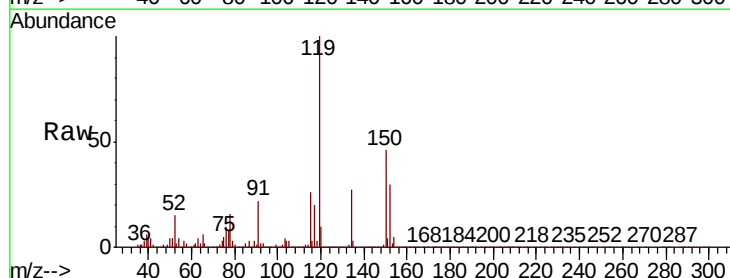
Tgt Ion:119 Resp: 372141

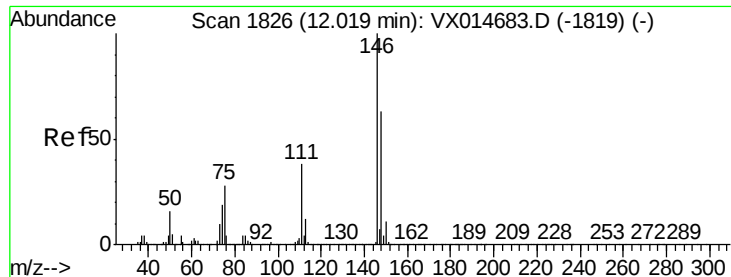
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 22.7 11.3 33.8

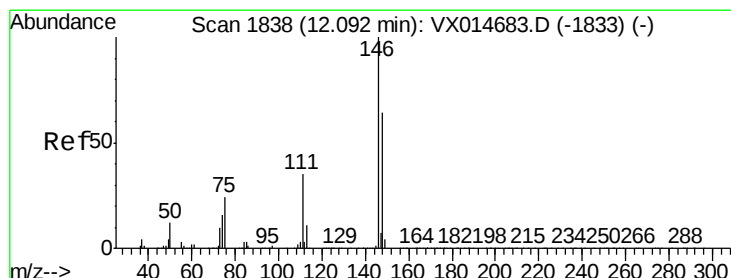
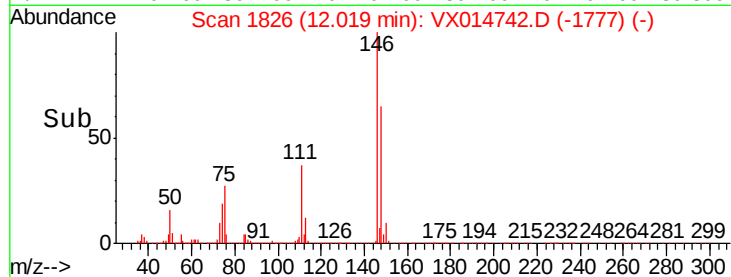
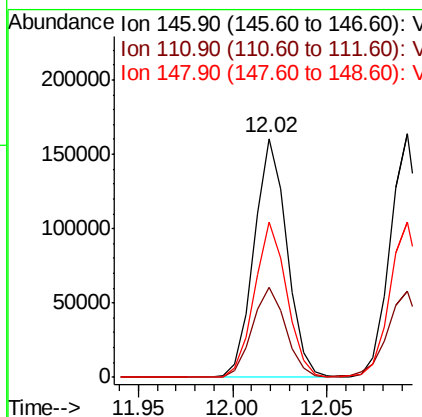
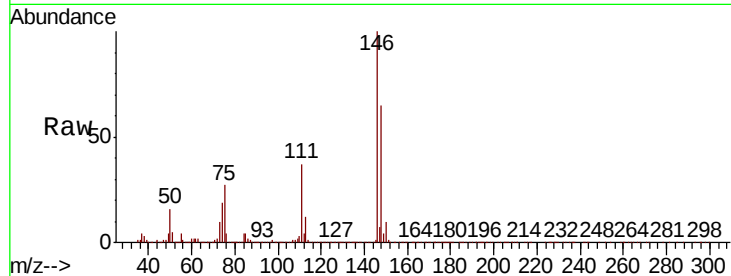




#87
 1,3-Dichlorobenzene
 Concen: 18.674 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

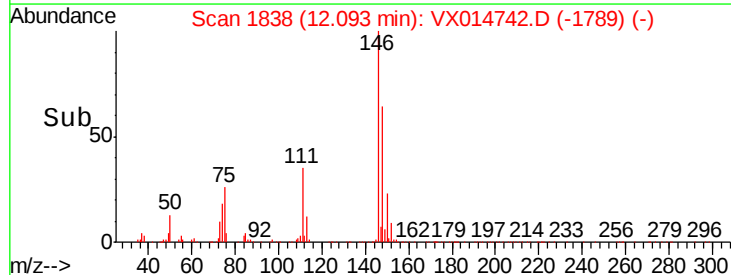
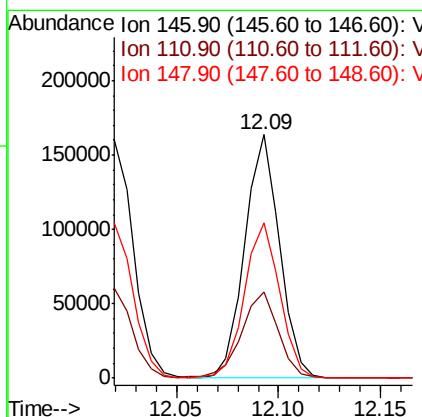
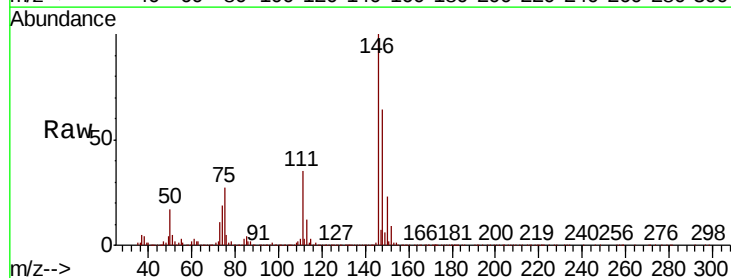
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.3	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.635 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.5	32.0	96.2





#89

n-Butylbenzene

Concen: 19.049 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

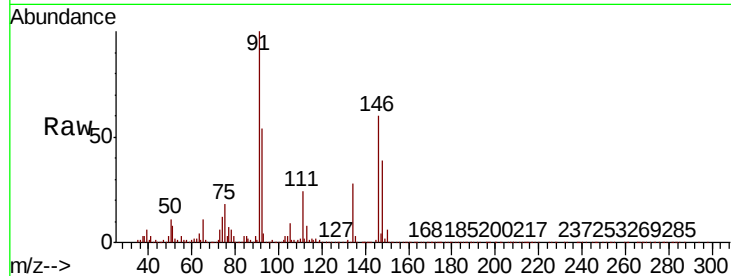
Tot Ion: 91 Resp: 314293

Ion Ratio Lower Upper

91 100

92 54.1 27.6 82.7

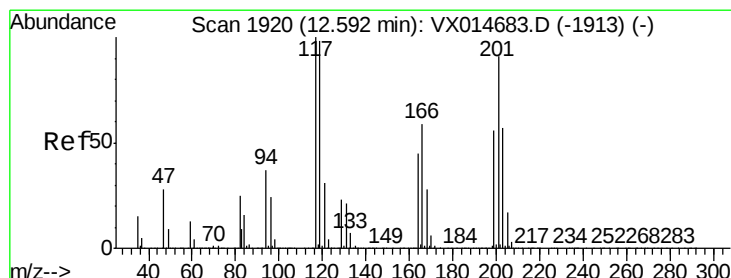
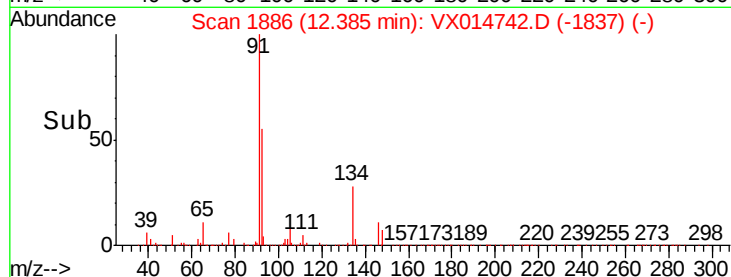
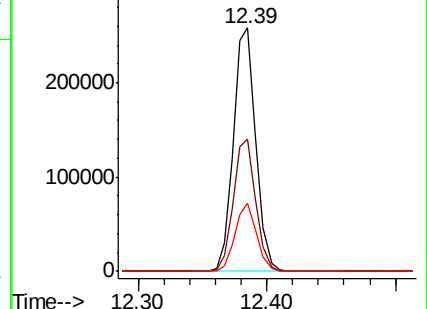
134 26.8 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.342 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014742.D

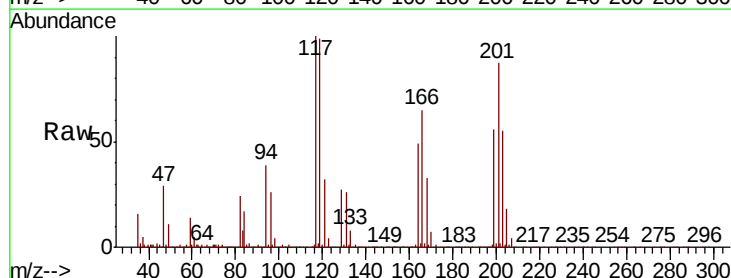
Acq: 28 Jan 2020 11:21

Tgt Ion: 117 Resp: 64543

Ion Ratio Lower Upper

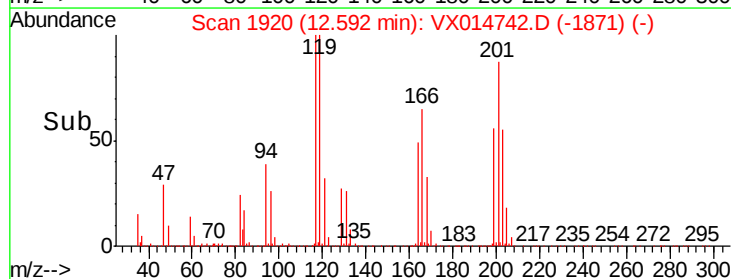
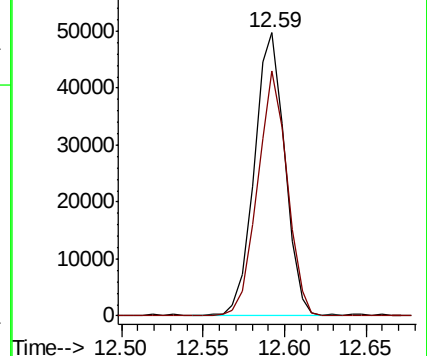
117 100

201 84.8 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.554 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014742.D

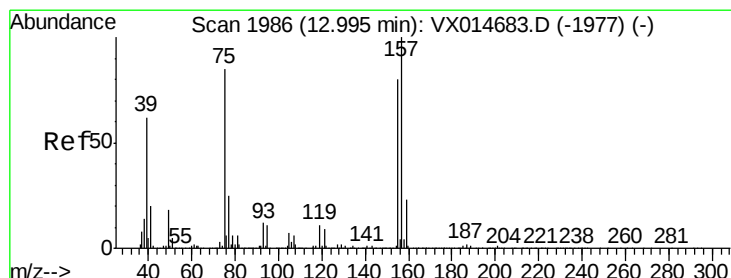
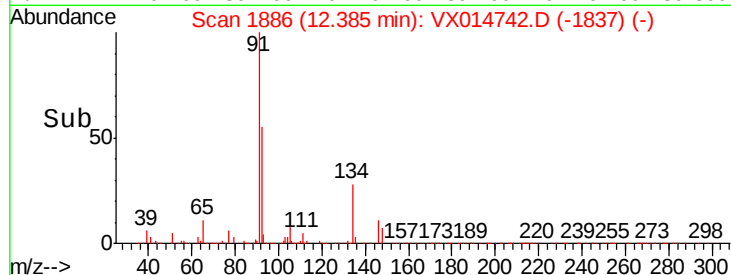
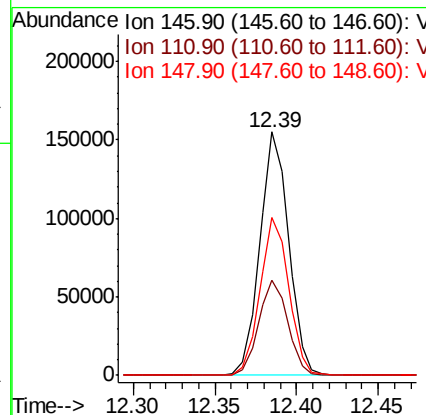
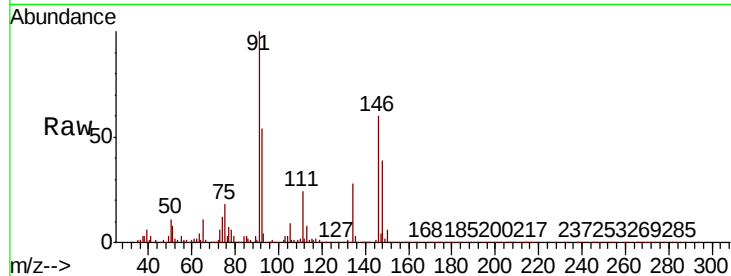
Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	190887
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	64.9	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.310 ug/l

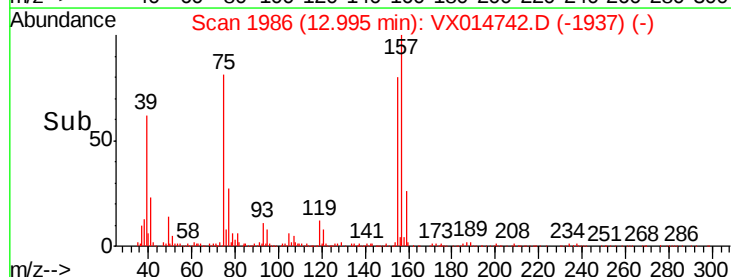
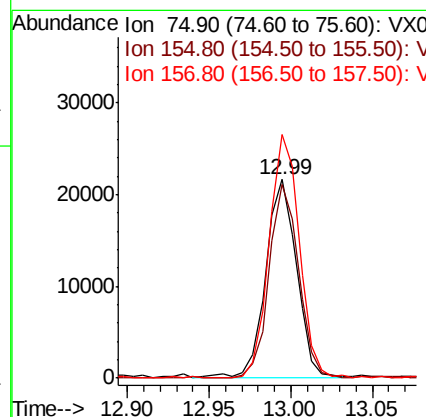
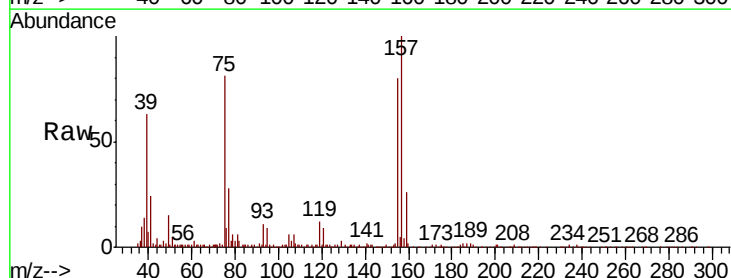
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	75	Resp:	28490
Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.6	136.9
157	119.9	60.3	180.9

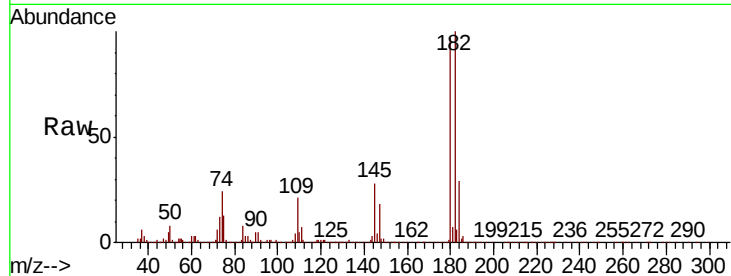




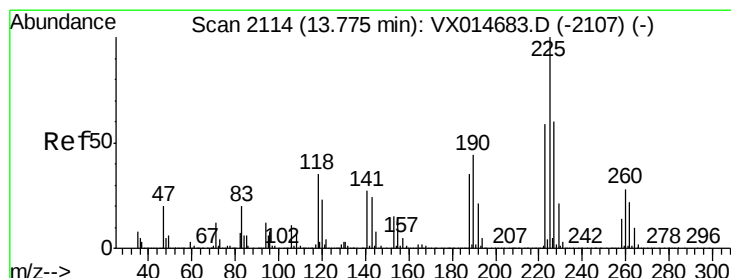
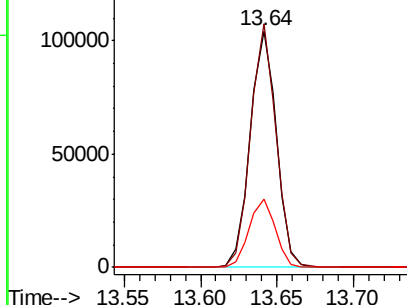
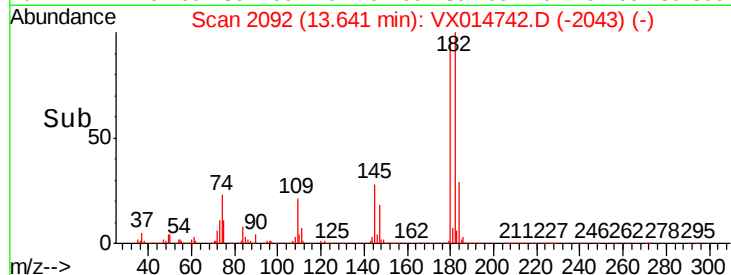
#93
 1,2,4-Trichlorobenzene
 Concen: 18.833 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.4	48.5	145.6
145	29.0	14.0	41.9

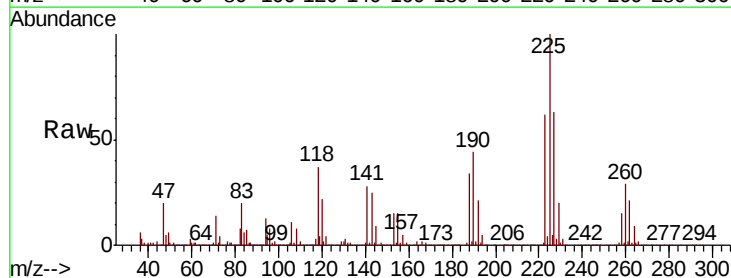


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

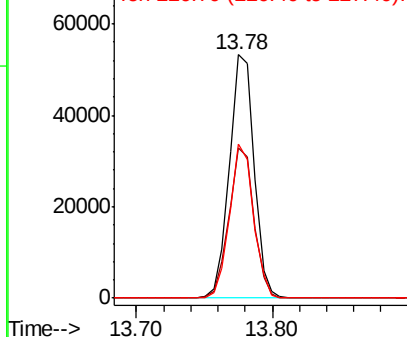
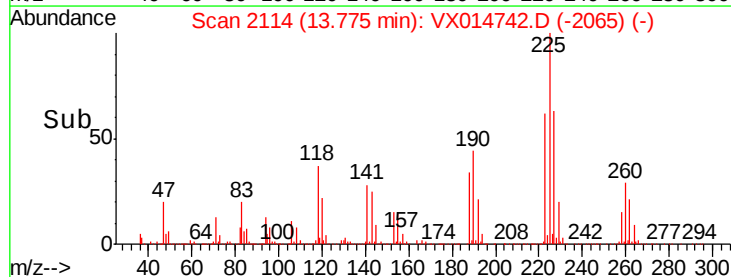


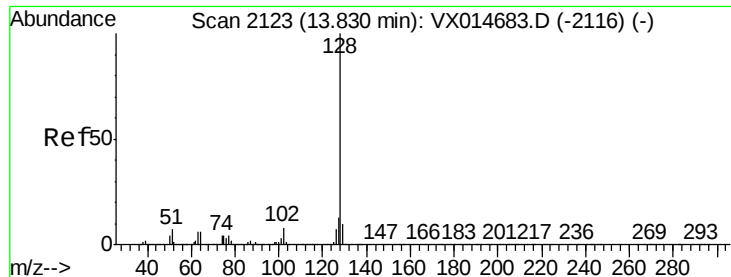
#94
 Hexachlorobutadiene
 Concen: 19.762 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.6	91.8
227	61.2	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

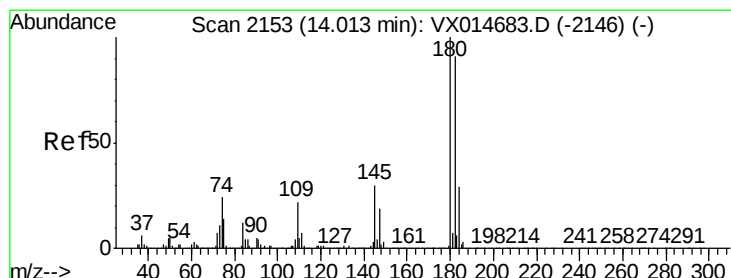
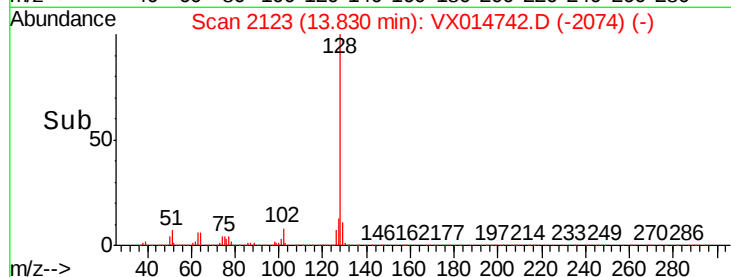
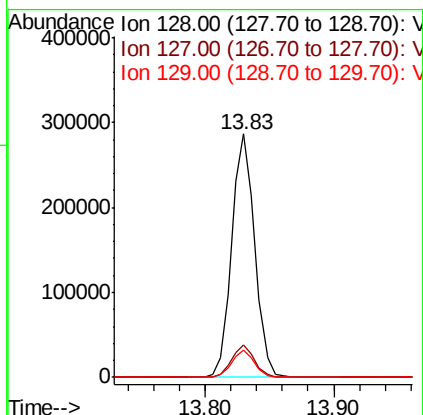
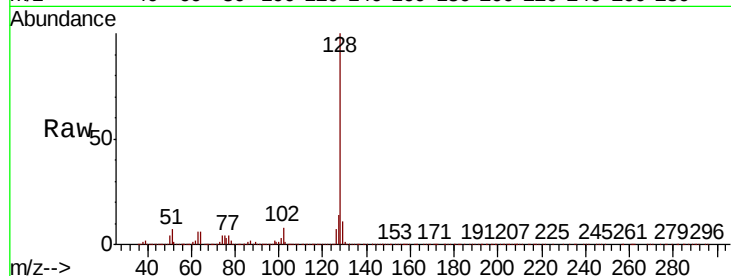




#95
Naphthalene
Concen: 17.405 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.001 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.7
145	30.3	14.7	44.1

