

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014666.D
 Acq On : 20 Jan 2020 11:09
 Operator : JC/SP
 Sample : VX0120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	646120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293519	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	245426	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.48	113	199591	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.71	98	771744	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	272936	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	103148	19.348	ug/l 99
3) Chloromethane	1.32	50	110088	19.951	ug/l 97
4) Vinyl Chloride	1.40	62	127087	20.669	ug/l 99
5) Bromomethane	1.63	94	73307	17.986	ug/l 100
6) Chloroethane	1.72	64	68501	19.663	ug/l 99
7) Trichlorofluoromethane	1.92	101	136133	19.517	ug/l 97
8) Diethyl Ether	2.18	74	60928	19.147	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83542	19.687	ug/l 98
10) Methyl Iodide	2.50	142	94089	18.517	ug/l 99
11) Tert butyl alcohol	3.02	59	101899	100.989	ug/l 100
12) 1,1-Dichloroethene	2.36	96	79298	18.548	ug/l 98
13) Acrolein	2.28	56	59036	72.997	ug/l 97
14) Allyl chloride	2.72	41	146553	19.524	ug/l 98
15) Acrylonitrile	3.12	53	257040	105.549	ug/l 97
16) Acetone	2.43	43	240408	96.656	ug/l 98
17) Carbon Disulfide	2.56	76	205122	17.195	ug/l 99
18) Methyl Acetate	2.76	43	154727	22.277	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	279191	20.342	ug/l 99
20) Methylene Chloride	2.84	84	96521	19.854	ug/l 94
21) trans-1,2-Dichloroethene	3.16	96	87532	18.753	ug/l 98
22) Diisopropyl ether	3.84	45	308371	21.258	ug/l 92
23) Vinyl Acetate	3.80	43	1186840	105.678	ug/l 99
24) 1,1-Dichloroethane	3.69	63	163444	20.712	ug/l 99
25) 2-Butanone	4.65	43	365139	101.154	ug/l 97
26) 2,2-Dichloropropane	4.57	77	129467	19.368	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	100853	19.329	ug/l 98
28) Bromochloromethane	5.00	49	71249	21.428	ug/l 91
29) Tetrahydrofuran	5.11	42	228519	107.074	ug/l 97
30) Chloroform	5.19	83	158856	20.601	ug/l 98
31) Cyclohexane	5.56	56	145553	19.706	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	131414	19.910	ug/l 98
36) 1,1-Dichloropropene	5.78	75	117313	19.307	ug/l 99
37) Ethyl Acetate	4.81	43	136370	20.662	ug/l 98
38) Carbon Tetrachloride	5.77	117	112032	20.036	ug/l 99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144997	18.994	ug/l	96
40) Benzene	6.13	78	363737	20.170	ug/l	100
41) Methacrylonitrile	5.02	41	73303	20.827	ug/l	98
42) 1,2-Dichloroethane	6.18	62	130803	20.745	ug/l	99
43) Isopropyl Acetate	6.43	43	218719	20.514	ug/l	99
44) Trichloroethene	7.20	130	100769	19.444	ug/l	99
45) 1,2-Dichloropropane	7.50	63	94283	20.506	ug/l	99
46) Dibromomethane	7.65	93	61385	19.129	ug/l	98
47) Bromodichloromethane	7.89	83	120719	20.674	ug/l	99
48) Methyl methacrylate	7.76	41	106628	20.881	ug/l	97
49) 1,4-Dioxane	7.73	88	44765	413.724	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	700177	107.769	ug/l	99
52) Toluene	8.78	92	227948	19.746	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	130031	19.127	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	146509	19.951	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95680	20.634	ug/l	100
56) Ethyl methacrylate	9.17	69	141626	19.936	ug/l	98
57) 1,3-Dichloropropane	9.36	76	159528	20.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	250323	103.568	ug/l	99
59) 2-Hexanone	9.48	43	533620	103.803	ug/l	98
60) Dibromochloromethane	9.57	129	95801	20.555	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98020	19.956	ug/l	99
64) Tetrachloroethene	9.33	164	104080	17.846	ug/l	97
65) Chlorobenzene	10.13	112	244569	19.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	90534	20.088	ug/l	99
67) Ethyl Benzene	10.25	91	428982	19.930	ug/l	97
68) m/p-Xylenes	10.36	106	327606	39.451	ug/l	97
69) o-Xylene	10.70	106	158285	19.977	ug/l	98
70) Styrene	10.71	104	263882	19.299	ug/l	98
71) Bromoform	10.85	173	71859	19.488	ug/l #	99
73) Isopropylbenzene	11.01	105	422090	20.478	ug/l	100
74) N-amyl acetate	10.89	43	183779	20.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	139203	21.060	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158704	26.133	ug/l	84
77) Bromobenzene	11.25	156	107997	18.894	ug/l	97
78) n-propylbenzene	11.35	91	475627	20.149	ug/l	99
79) 2-Chlorotoluene	11.42	91	285164	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	349562	20.428	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44792	19.500	ug/l	91
82) 4-Chlorotoluene	11.51	91	331113	20.051	ug/l	98
83) tert-Butylbenzene	11.76	119	333322	20.615	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	353980	20.472	ug/l	100
85) sec-Butylbenzene	11.94	105	407405	20.269	ug/l	99
86) p-Isopropyltoluene	12.06	119	373625	20.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194416	18.952	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195089	19.890	ug/l	98
89) n-Butylbenzene	12.39	91	320662	18.803	ug/l	99
90) Hexachloroethane	12.59	117	63833	19.483	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	192015	19.105	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28158	18.938	ug/l	98

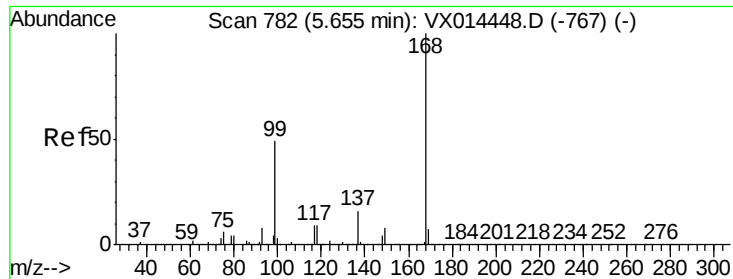
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128008	18.076	ug/l	99
94) Hexachlorobutadiene	13.78	225	64736	19.632	ug/l	98
95) Naphthalene	13.83	128	380789	17.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132877	19.027	ug/l	99

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

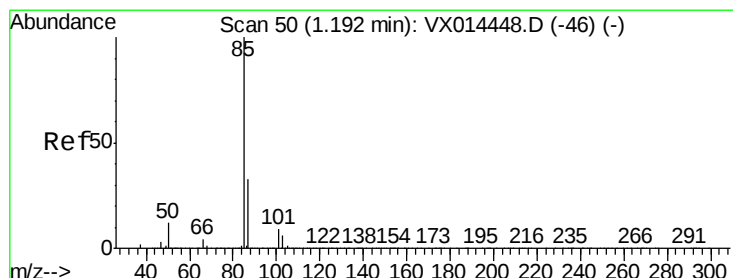
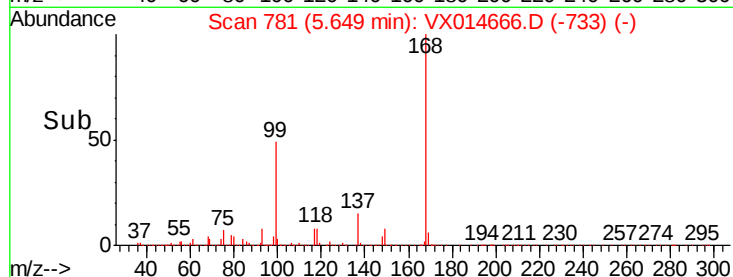
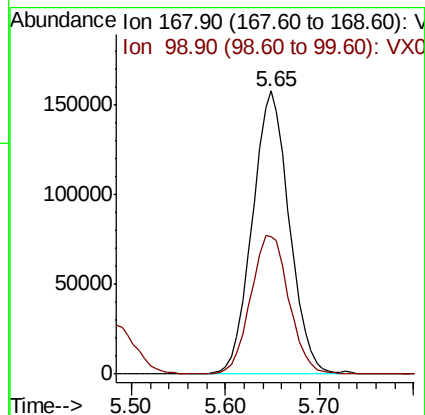
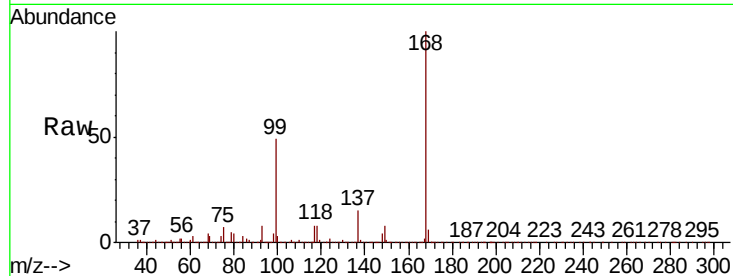


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampleId :

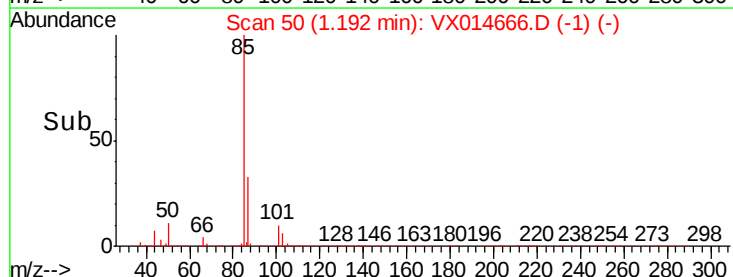
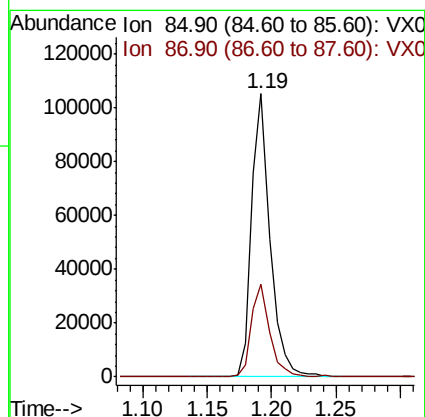
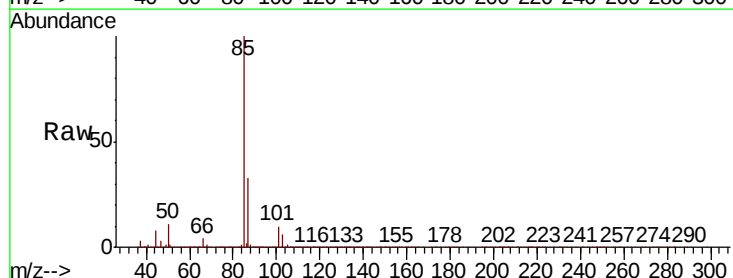
Tot Ion:168 Resp: 432884
 Ion Ratio Lower Upper
 168 100
 99 48.4 39.2 58.8

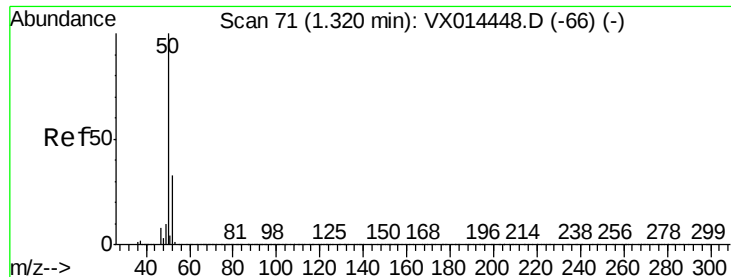


#2

Dichlorodifluoromethane
 Concen: 19.348 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion: 85 Resp: 103148
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.5 49.5





#3

Chloromethane

Concen: 19.951 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

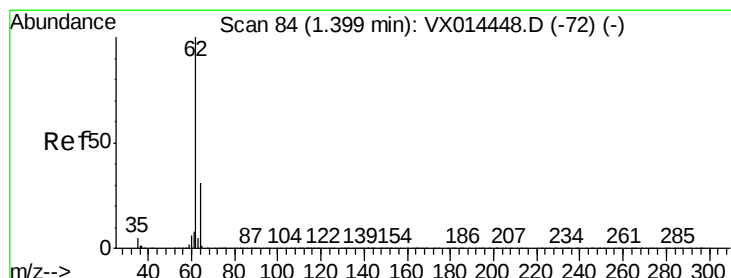
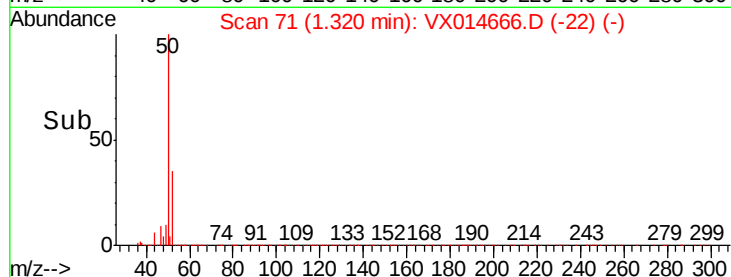
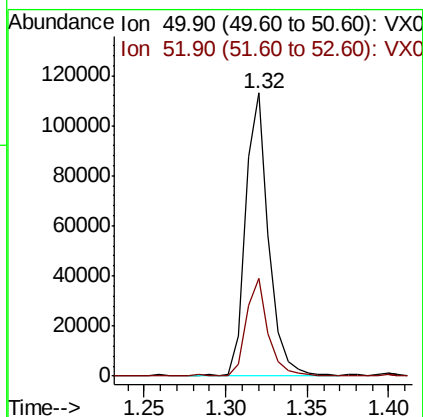
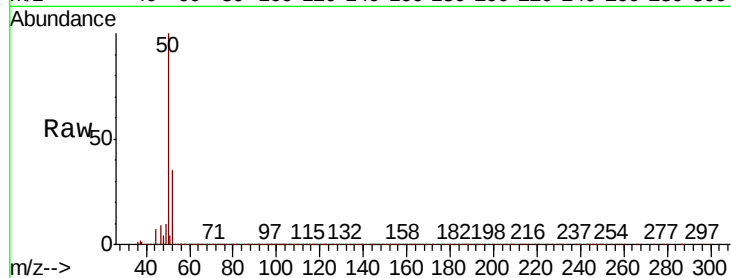
ClientSampleId :

Tot Ion: 50 Resp: 110088

Ion Ratio Lower Upper

50 100

52 34.4 26.1 39.1



#4

Vinyl Chloride

Concen: 20.669 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014666.D

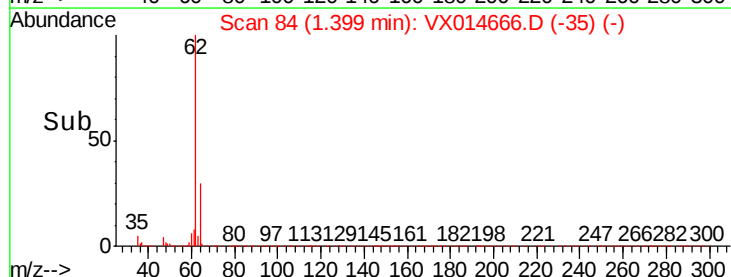
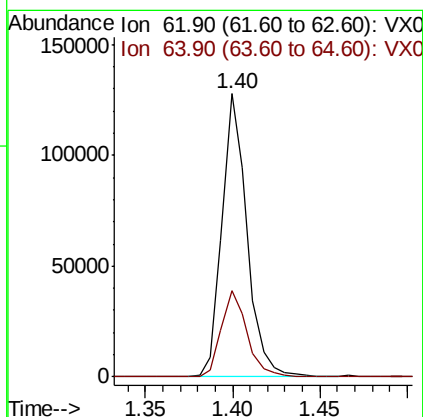
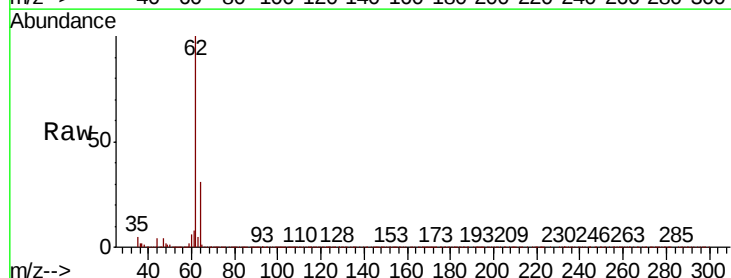
Acq: 20 Jan 2020 11:09

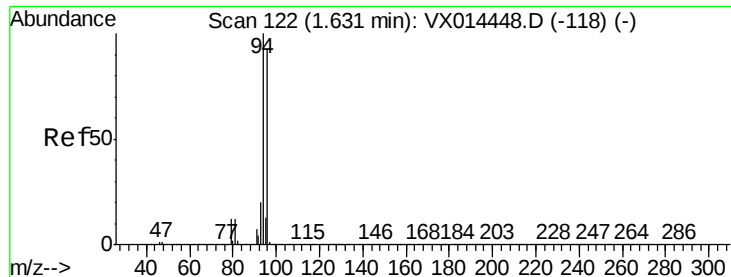
Tgt Ion: 62 Resp: 127087

Ion Ratio Lower Upper

62 100

64 30.4 24.6 37.0





#5

Bromomethane

Concen: 17.986 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

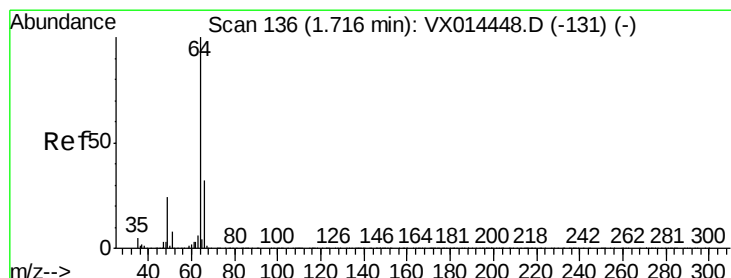
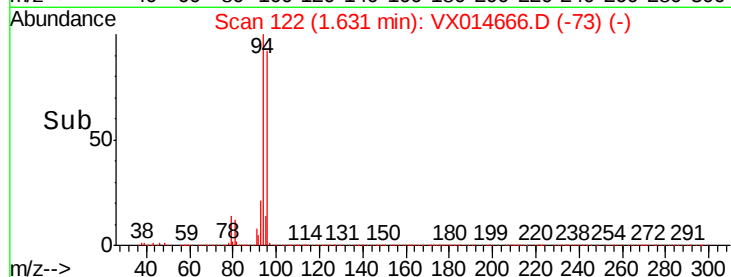
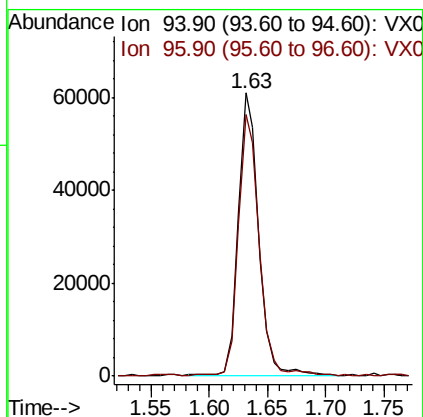
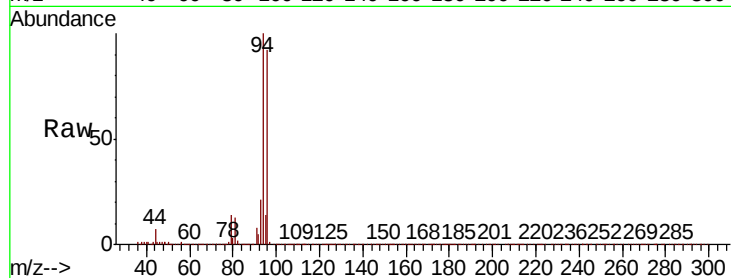
ClientSampleId :

Tot Ion: 94 Resp: 73307

Ion Ratio Lower Upper

94 100

96 92.4 74.2 111.2



#6

Chloroethane

Concen: 19.663 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014666.D

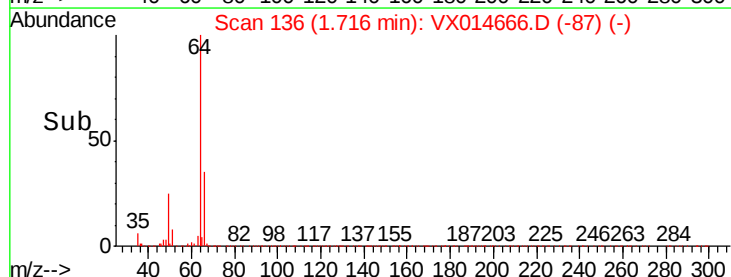
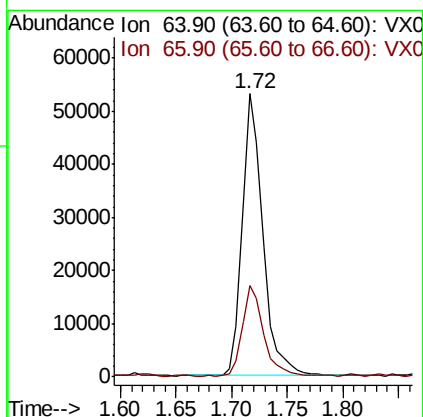
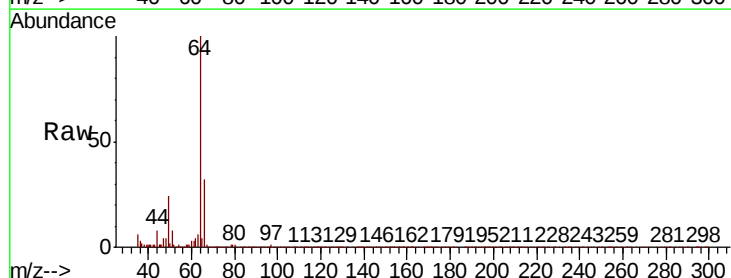
Acq: 20 Jan 2020 11:09

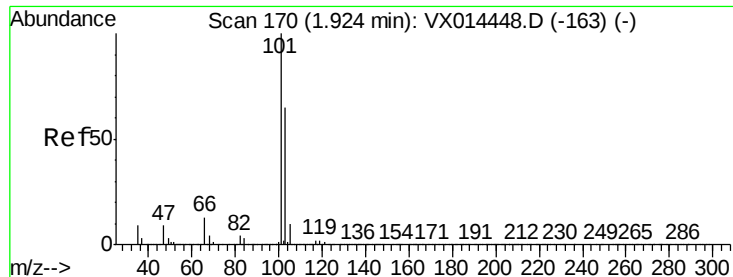
Tgt Ion: 64 Resp: 68501

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



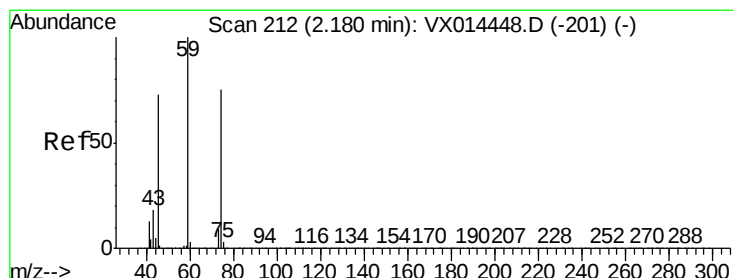
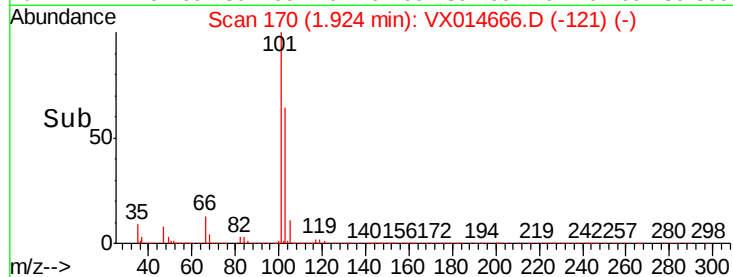
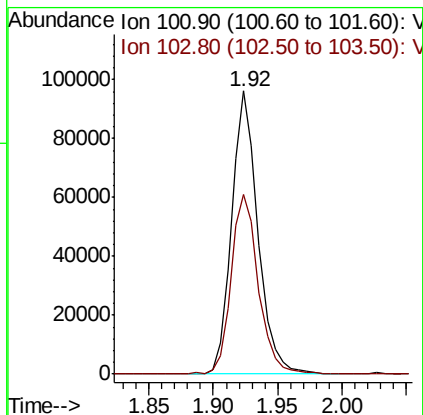
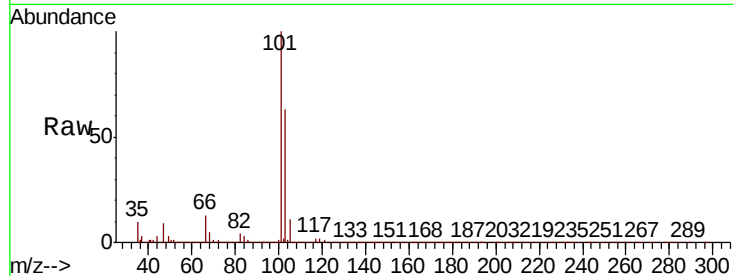


#7

Trichlorofluoromethane
Concen: 19.517 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

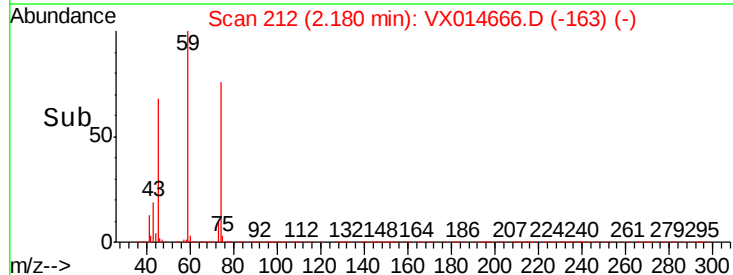
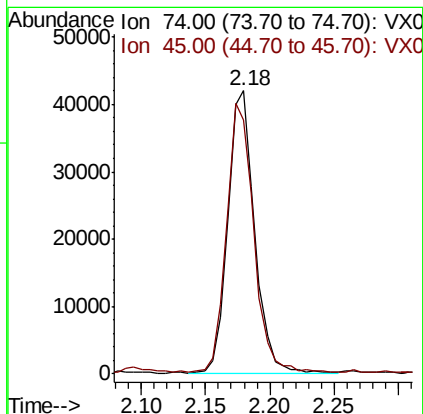
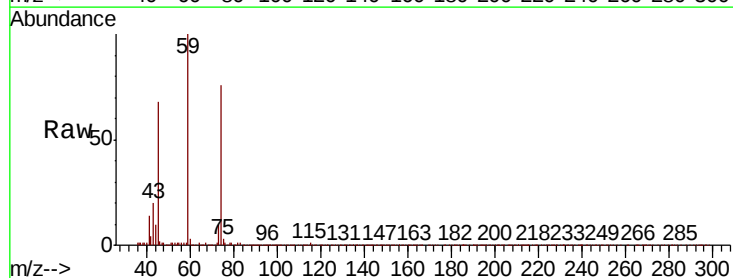
Tot Ion:101 Resp: 136133
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.4

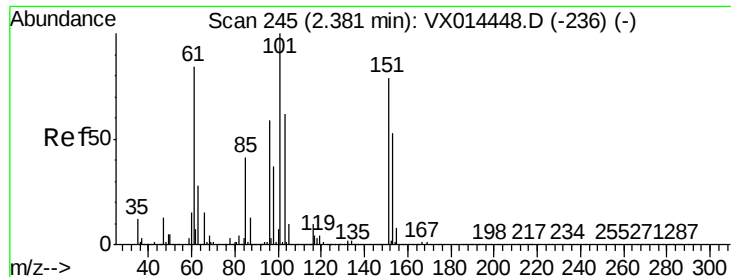


#8

Diethyl Ether
Concen: 19.147 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 74 Resp: 60928
Ion Ratio Lower Upper
74 100
45 96.7 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.687 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampled :

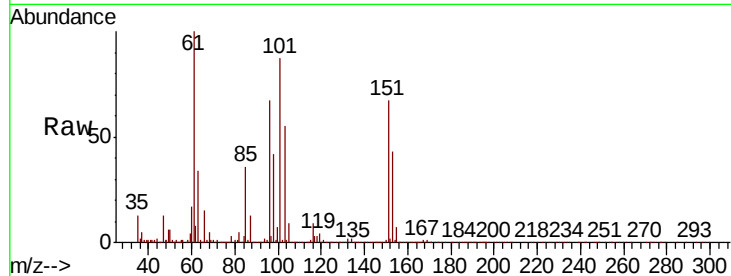
Tot Ion:101 Resp: 83542

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.8

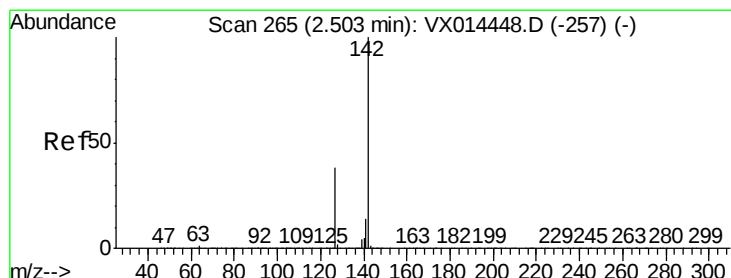
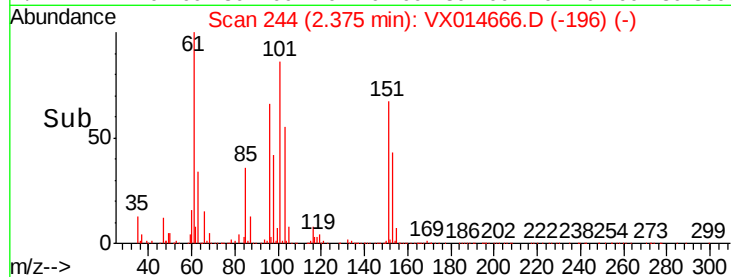
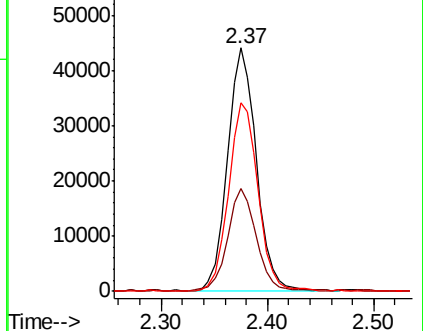
151 78.9 65.3 97.9



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: 18.517 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

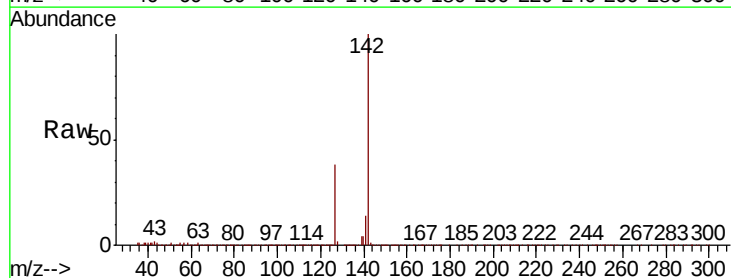
Tgt Ion:142 Resp: 94089

Ion Ratio Lower Upper

142 100

127 39.5 31.2 46.8

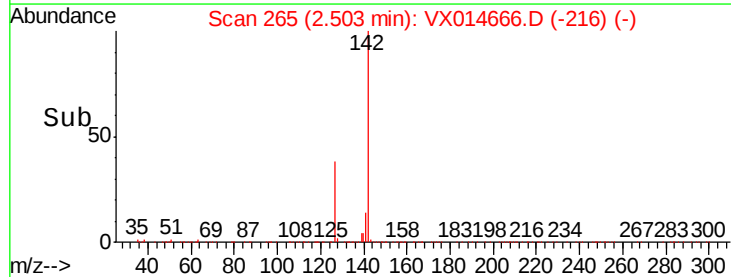
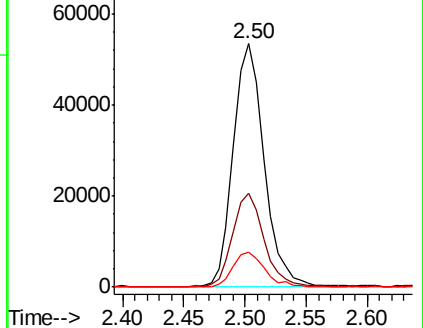
141 14.8 11.4 17.2

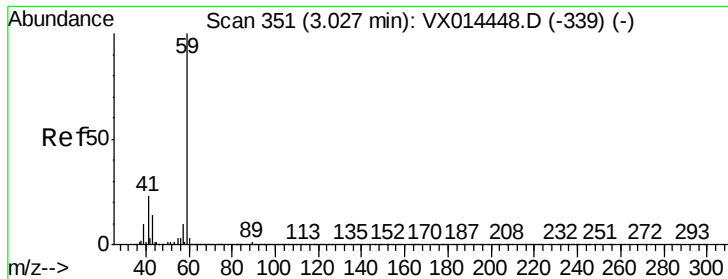


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



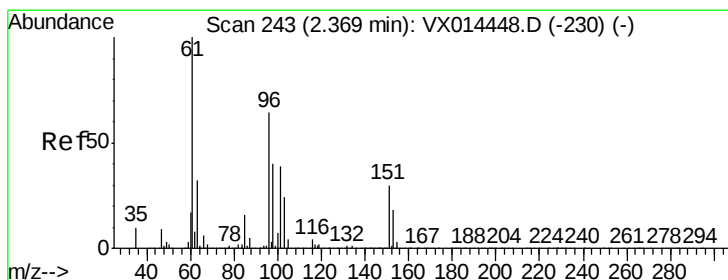
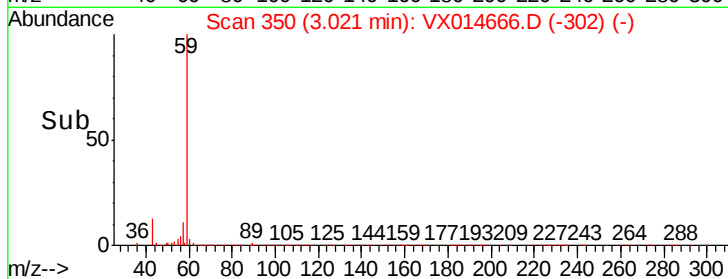
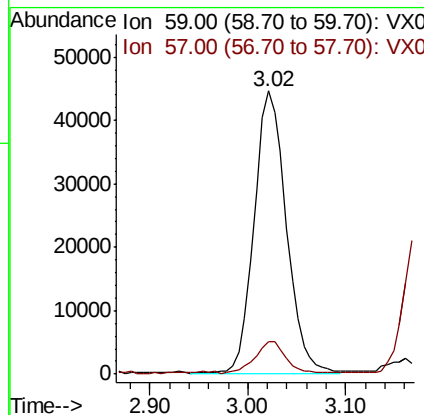
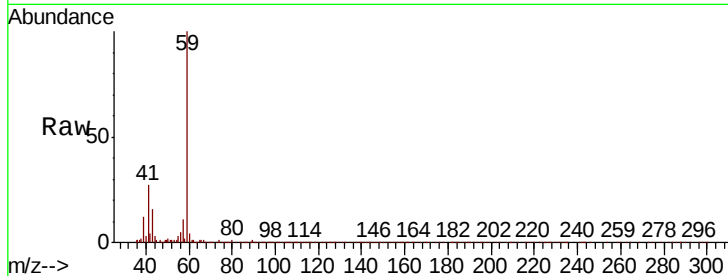


#11

Tert butyl alcohol
Concen: 100.989 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

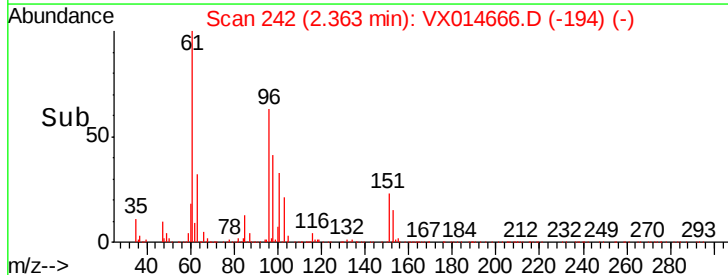
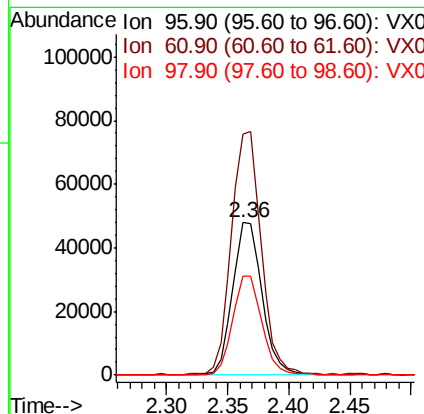
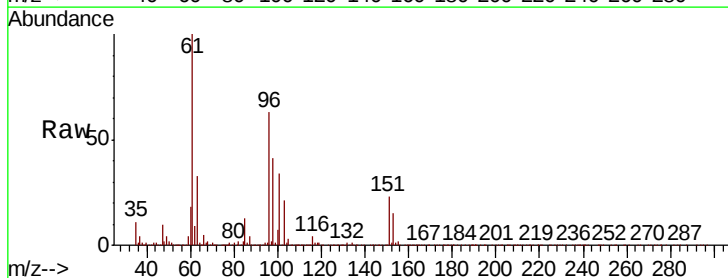
Tot Ion: 59 Resp: 101899
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

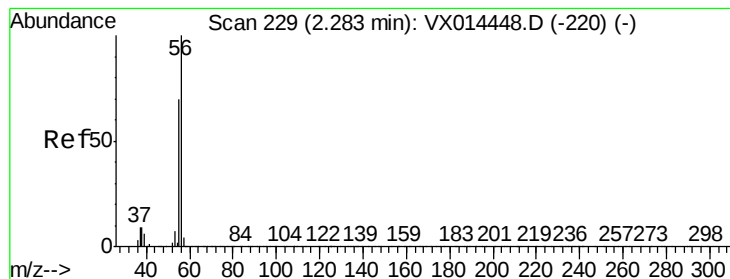


#12

1,1-Dichloroethene
Concen: 18.548 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 96 Resp: 79298
Ion Ratio Lower Upper
96 100
61 158.3 125.0 187.6
98 65.2 50.2 75.2





#13

Acrolein

Concen: 72.997 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

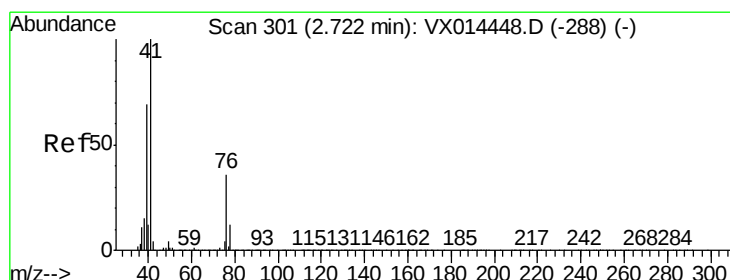
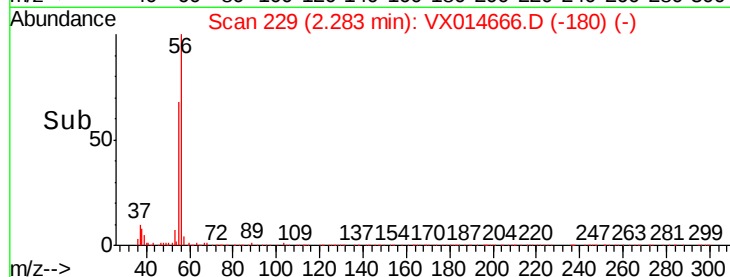
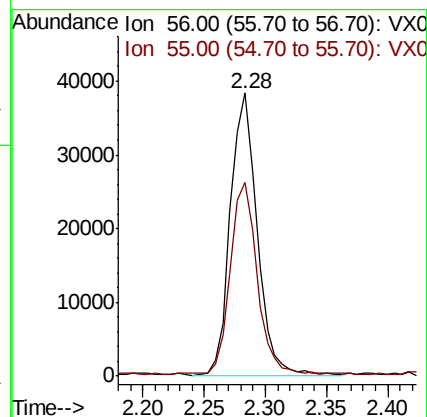
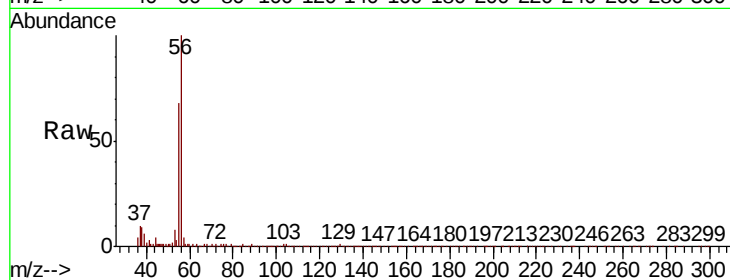
ClientSampleId :

Tot Ion: 56 Resp: 59036

Ion Ratio Lower Upper

56 100

55 66.4 55.0 82.6



#14

Allyl chloride

Concen: 19.524 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

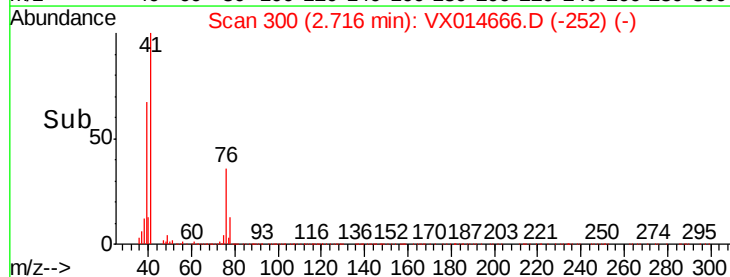
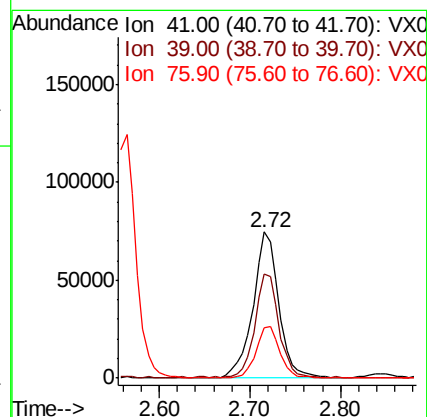
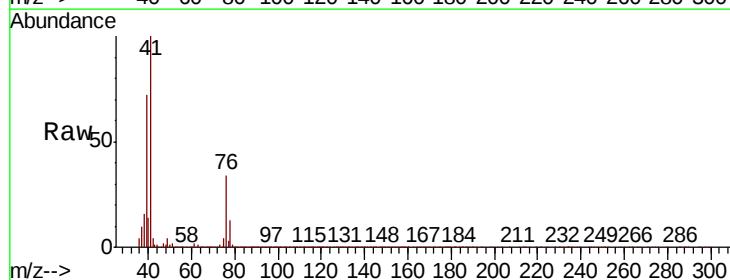
Tgt Ion: 41 Resp: 146553

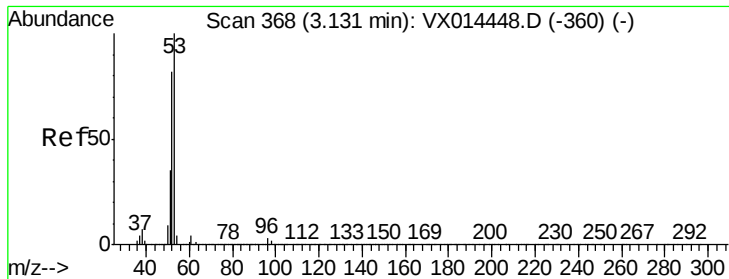
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 32.2 26.8 40.2

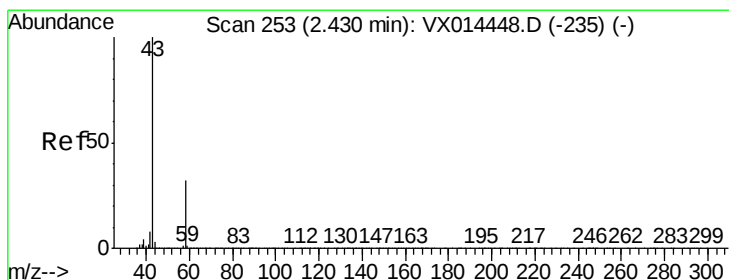
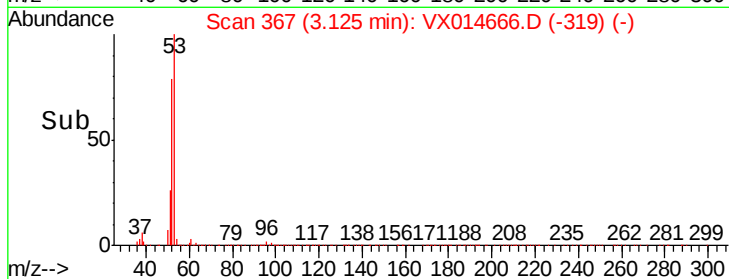
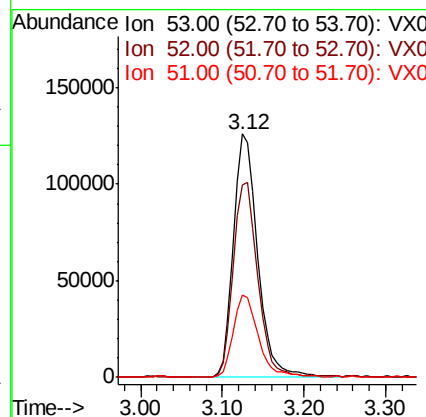
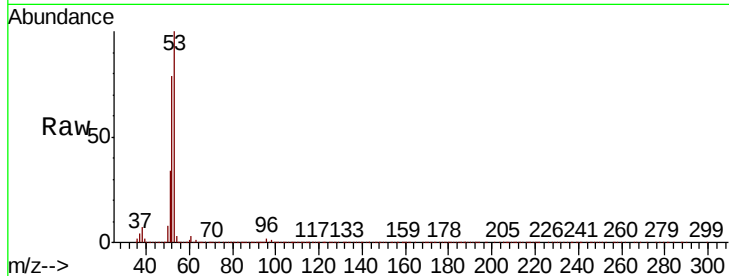




#15
 Acrylonitrile
 Concen: 105.549 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

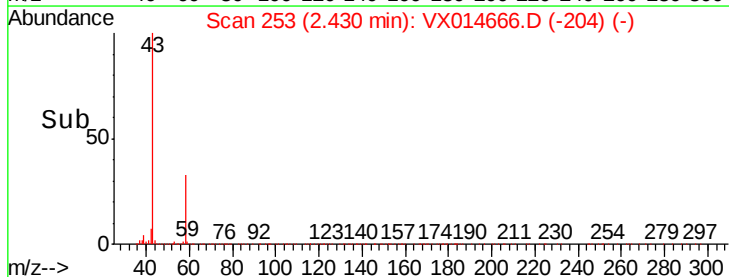
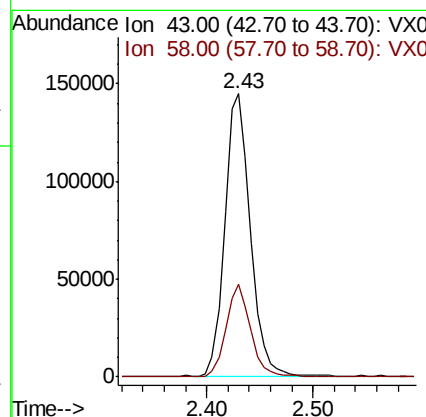
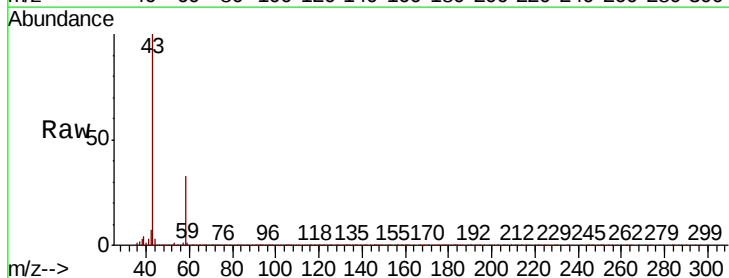
Instrument :
 MSVOA_X
 ClientSampleId :

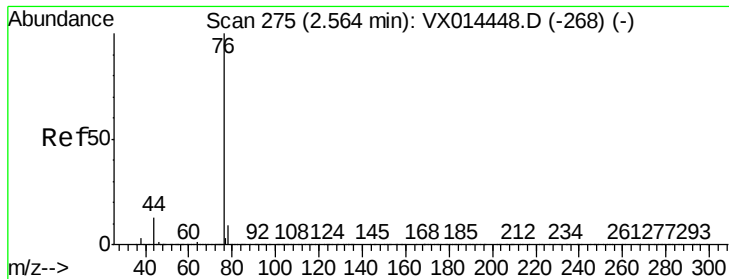
Tot Ion: 53 Resp: 257040
 Ion Ratio Lower Upper
 53 100
 52 80.7 67.0 100.4
 51 35.0 28.5 42.7



#16
 Acetone
 Concen: 96.656 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion: 43 Resp: 240408
 Ion Ratio Lower Upper
 43 100
 58 32.9 25.4 38.0

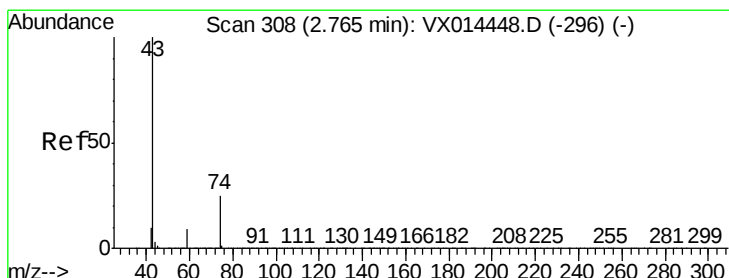
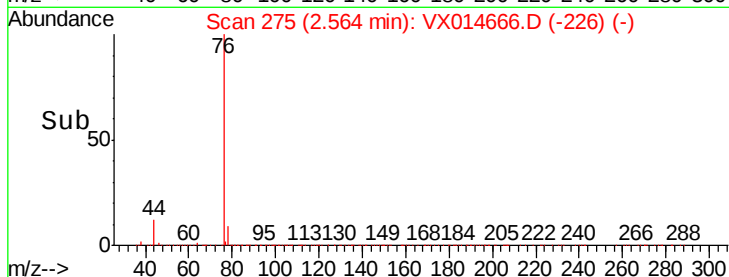
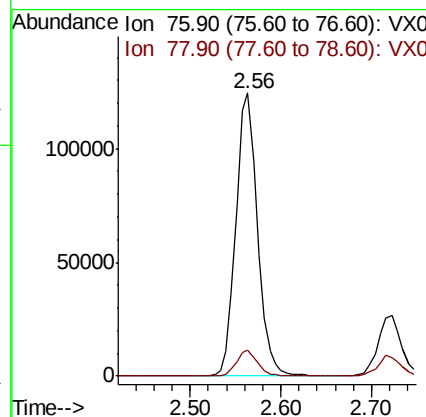
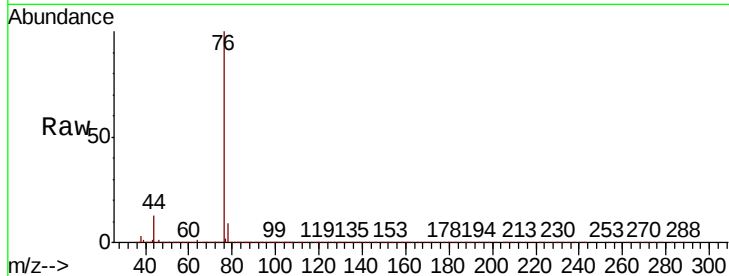




#17
Carbon Disulfide
Concen: 17.195 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

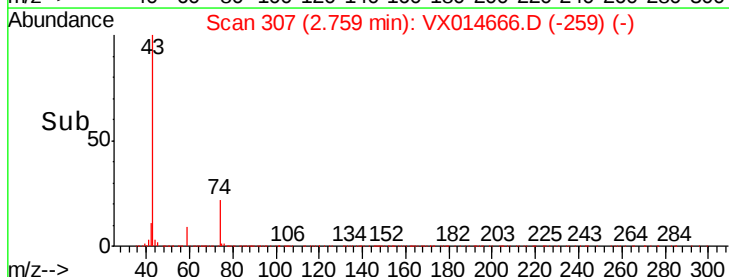
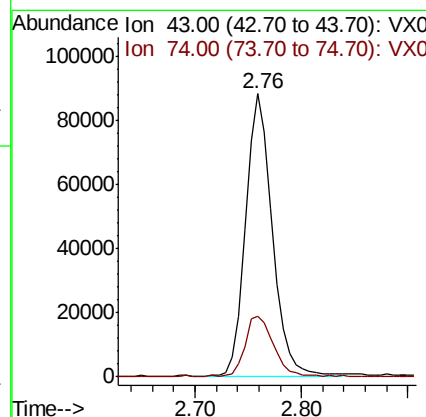
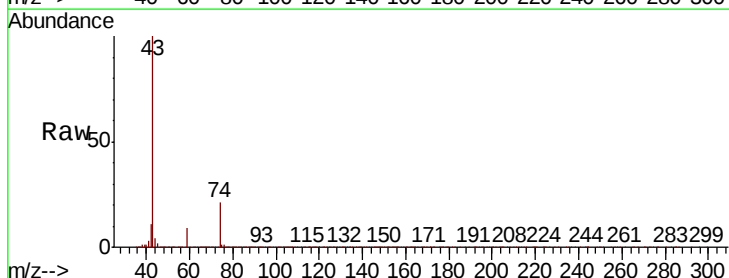
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 205122
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 22.277 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 43 Resp: 154727
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



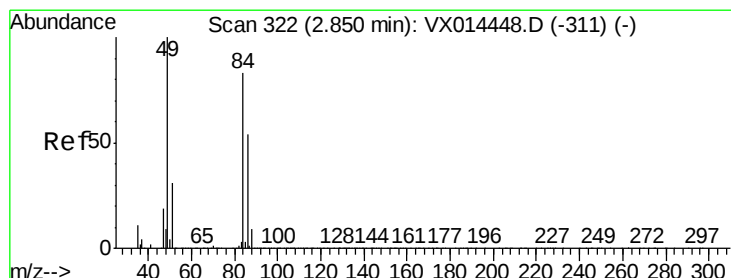
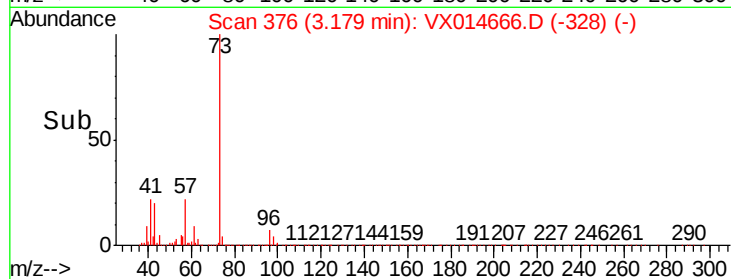
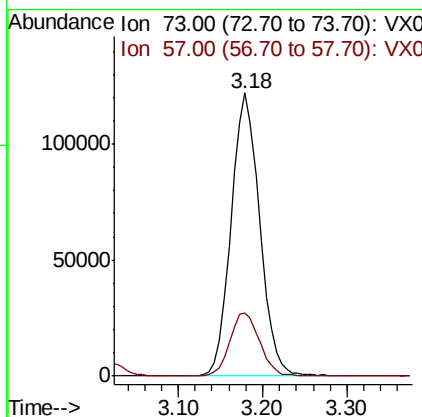
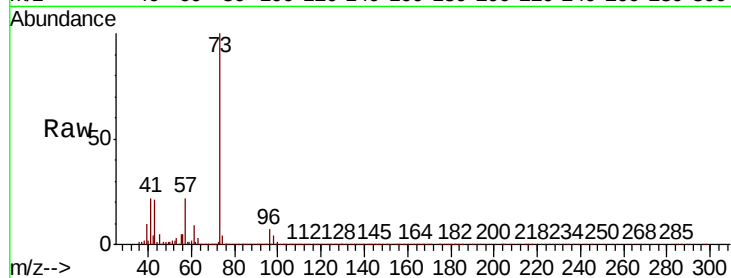


#19

Methyl tert-butyl Ether
 Concen: 20.342 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampled :

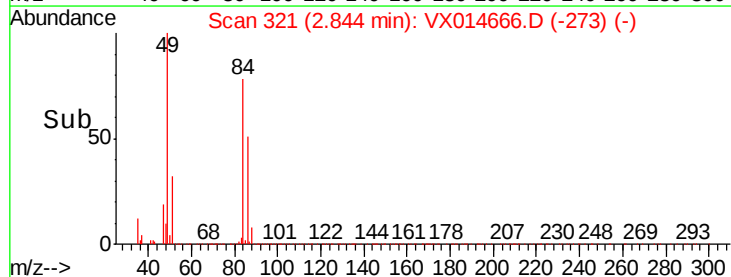
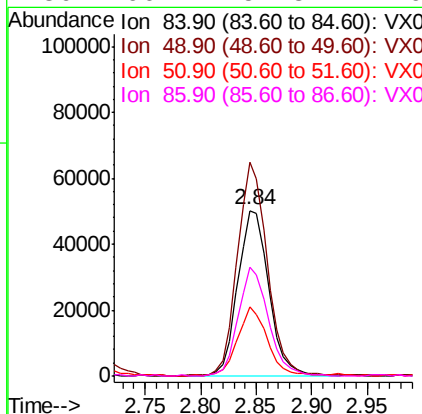
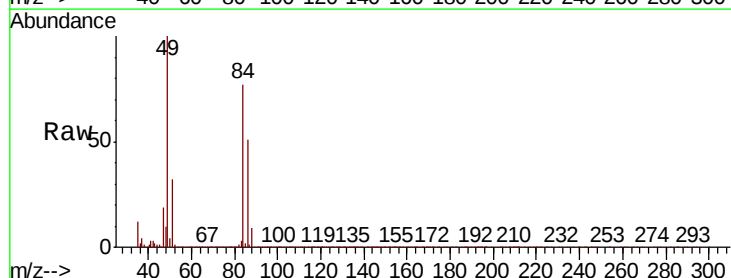
Tot Ion	73	Resp	279191
Ion Ratio	Lower	Upper	
73	100		
57	21.9	17.8	26.8

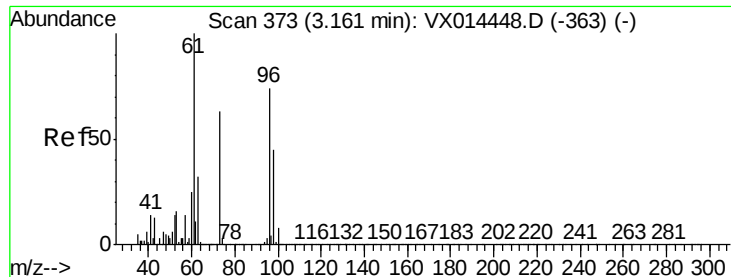


#20

Methylene Chloride
 Concen: 19.854 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	84	Resp	96521
Ion Ratio	Lower	Upper	
84	100		
49	129.0	95.8	143.8
51	41.5	30.2	45.4
86	66.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

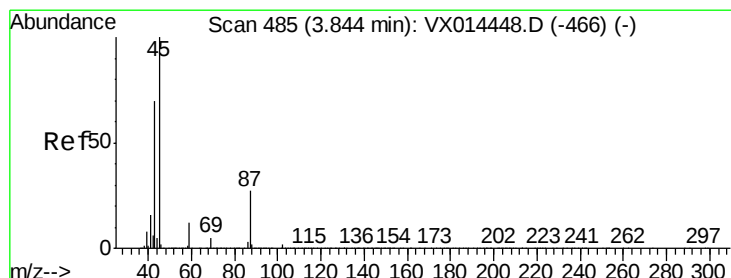
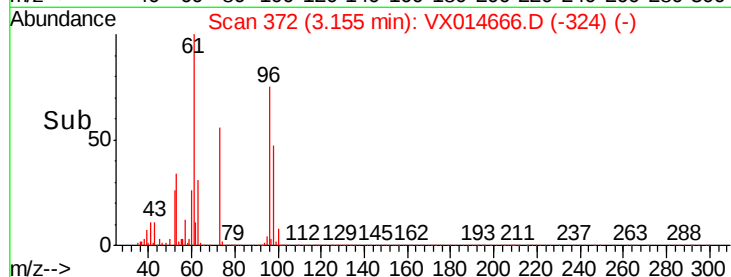
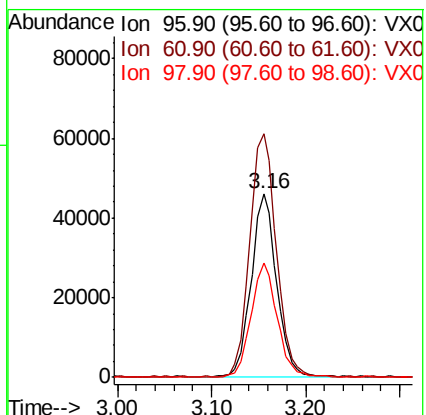
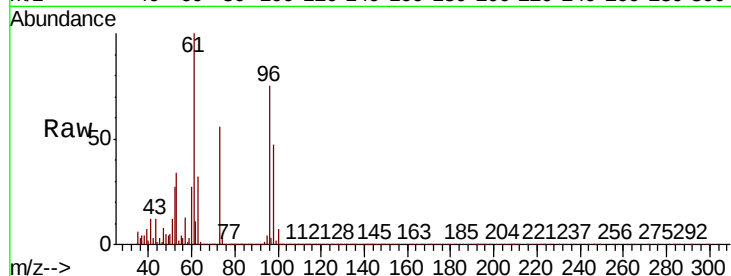
Tot Ion: 96 Resp: 87532

Ion Ratio Lower Upper

96 100

61 132.8 108.2 162.4

98 61.8 48.8 73.2



#22

Diisopropyl ether

Concen: 21.258 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion: 45 Resp: 308371

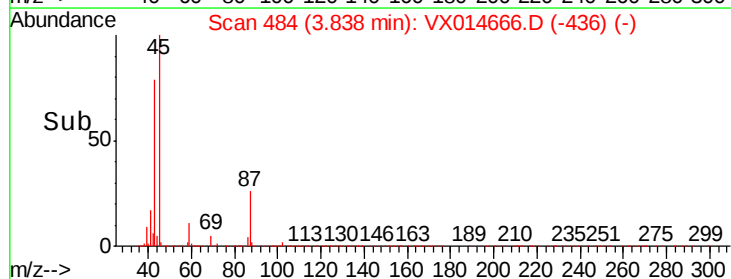
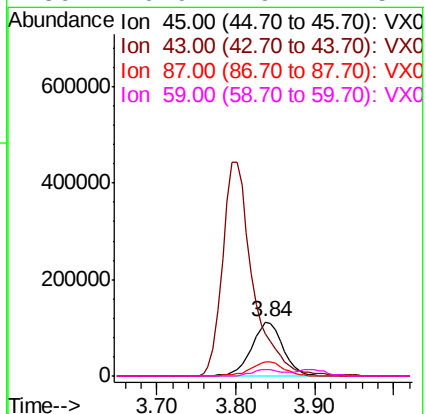
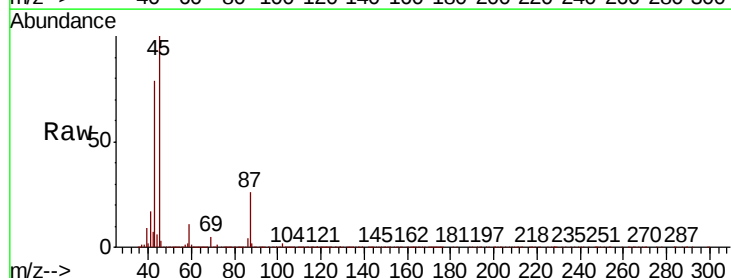
Ion Ratio Lower Upper

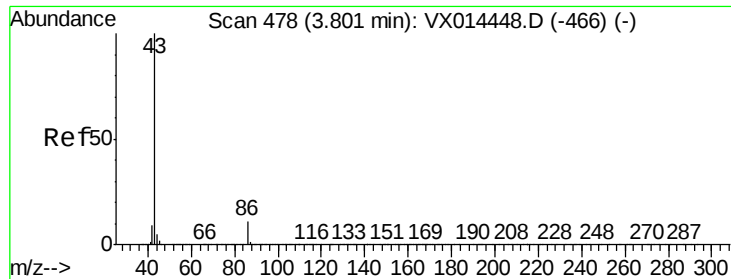
45 100

43 79.1 55.8 83.6

87 26.0 21.8 32.8

59 10.9 9.1 13.7





#23

Vinyl Acetate

Concen: 105.678 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

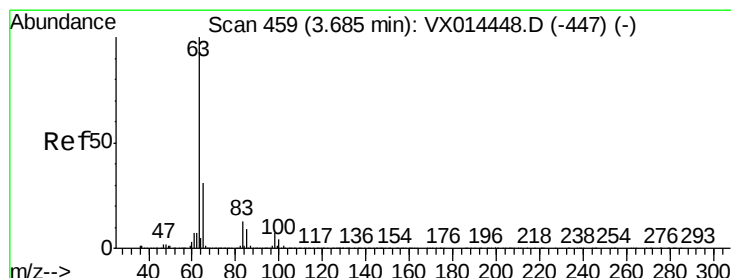
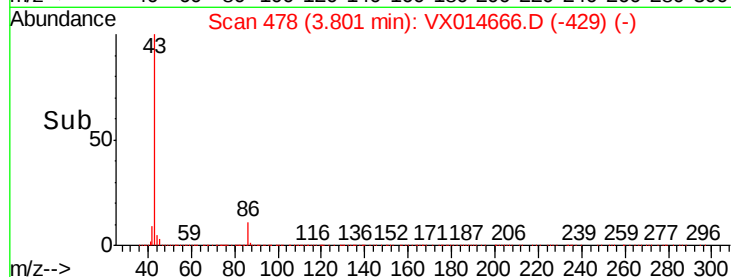
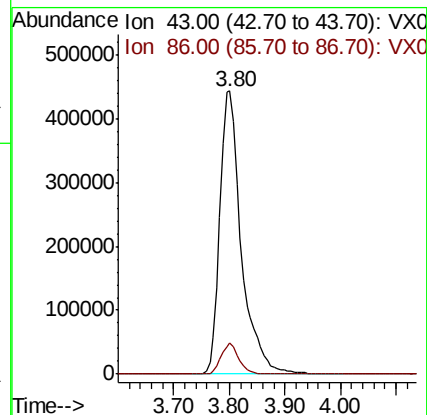
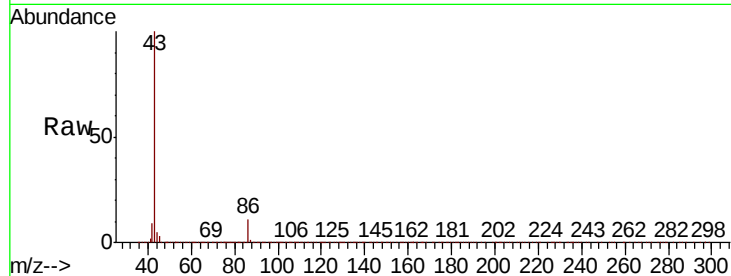
ClientSampleId :

Tot Ion: 43 Resp: 1186840

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 20.712 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

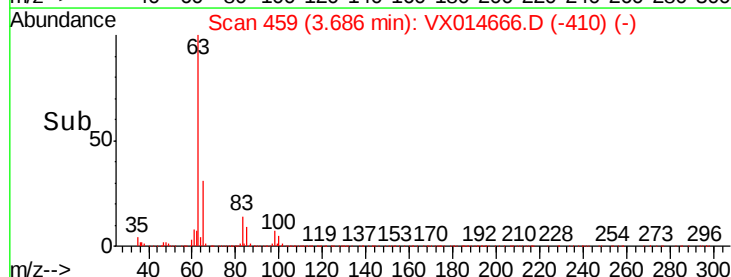
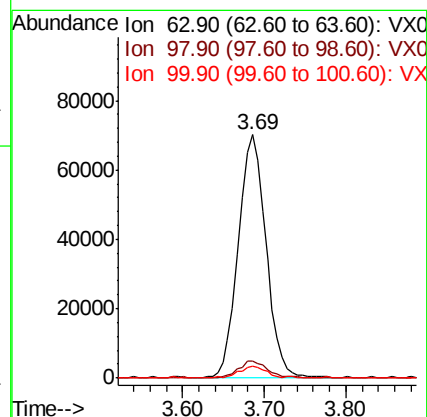
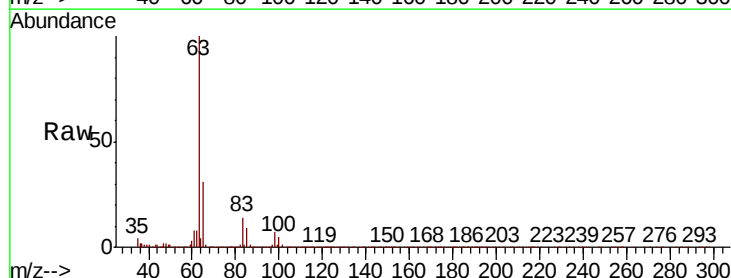
Tgt Ion: 63 Resp: 163444

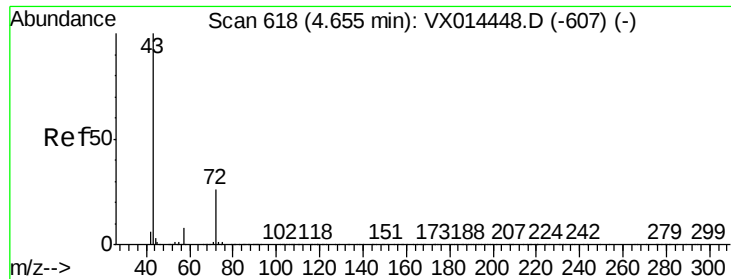
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 101.154 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

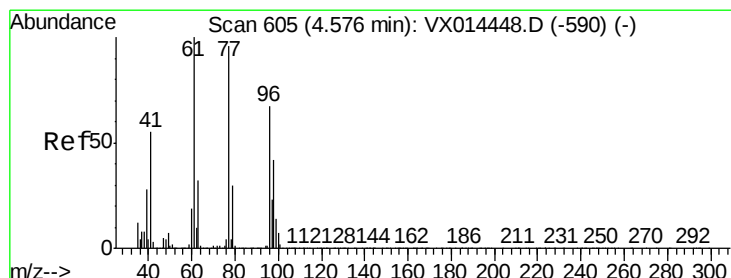
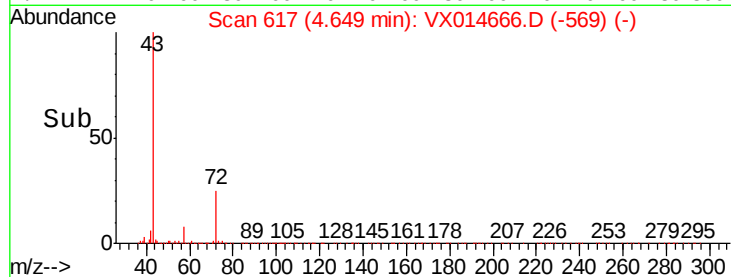
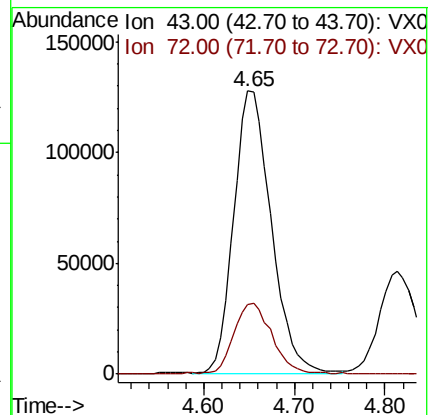
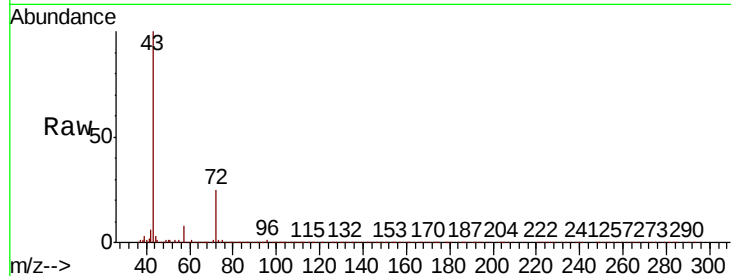
ClientSampleId :

Tot Ion: 43 Resp: 365139

Ion Ratio Lower Upper

43 100

72 24.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.368 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014666.D

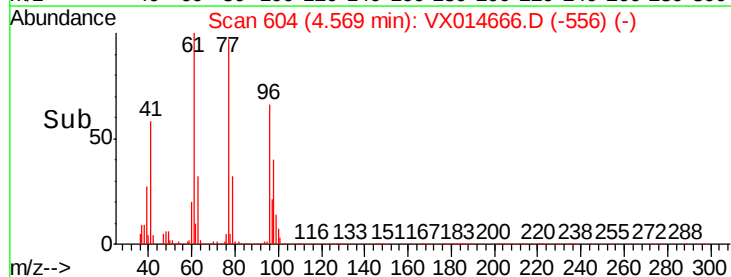
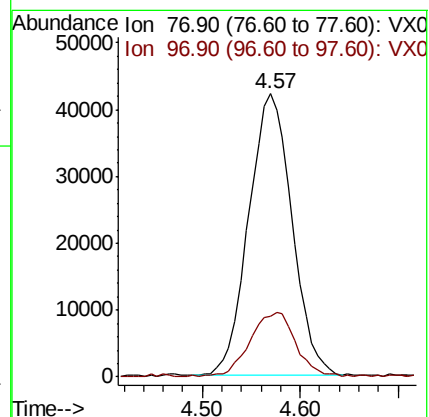
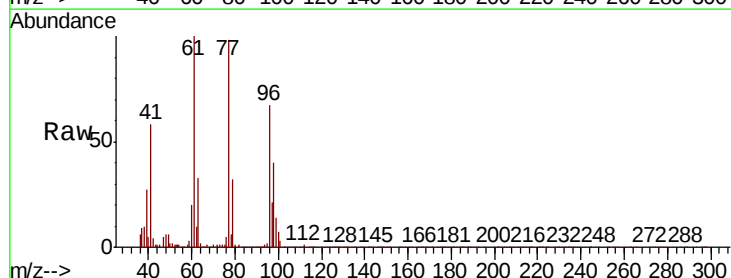
Acq: 20 Jan 2020 11:09

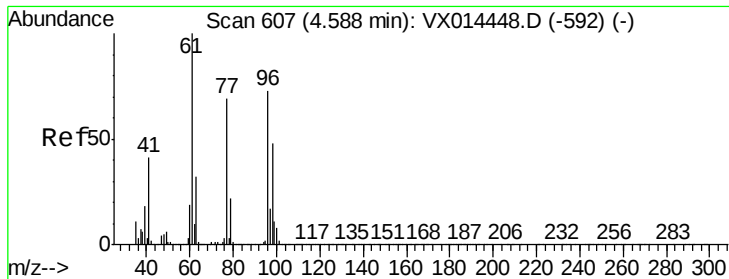
Tgt Ion: 77 Resp: 129467

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1



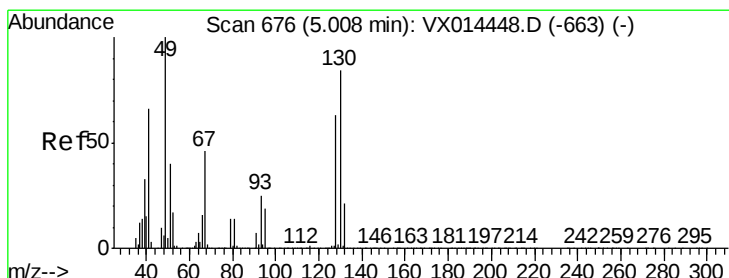
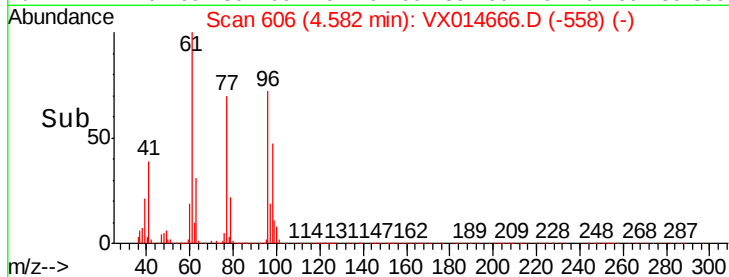
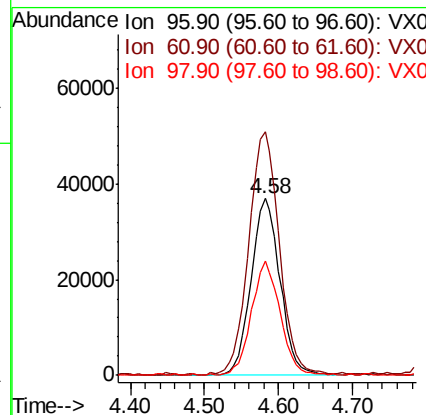
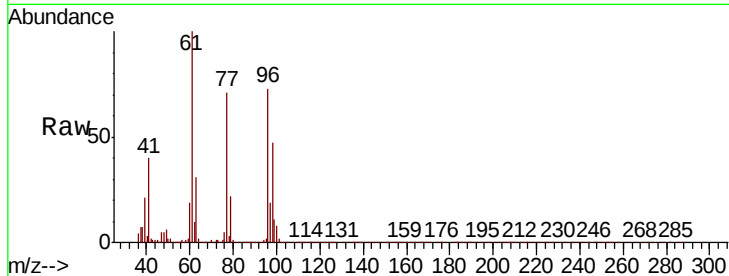


#27

cis-1,2-Dichloroethene
Concen: 19.329 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

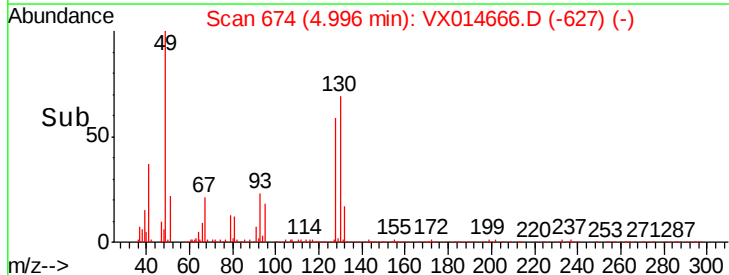
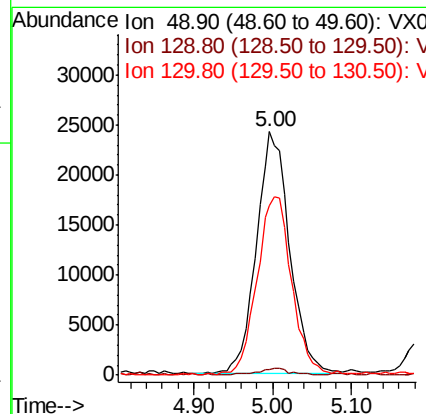
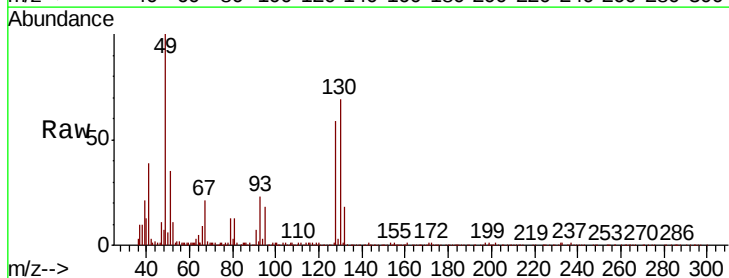
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	285.4
98	64.2	0.0	130.6

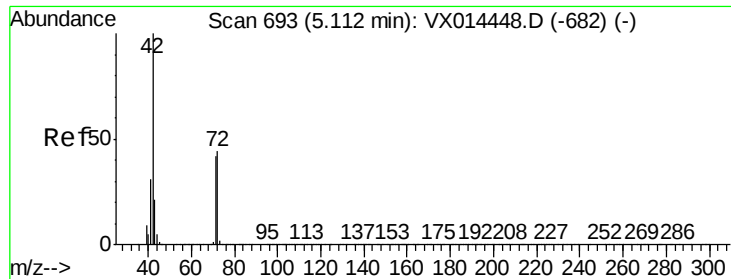


#28

Bromochloromethane
Concen: 21.428 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	75.8	67.0	100.4

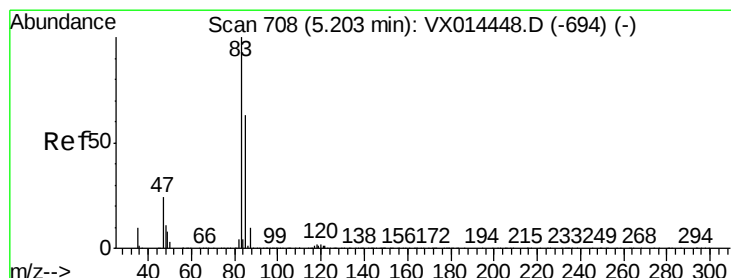
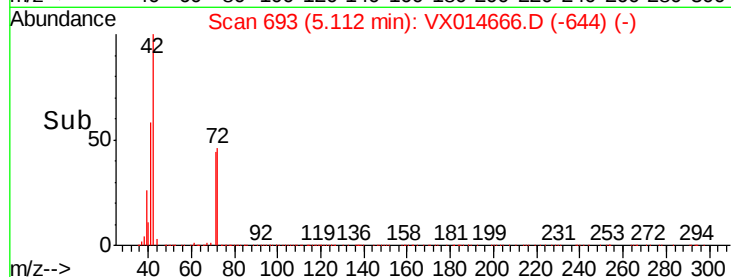
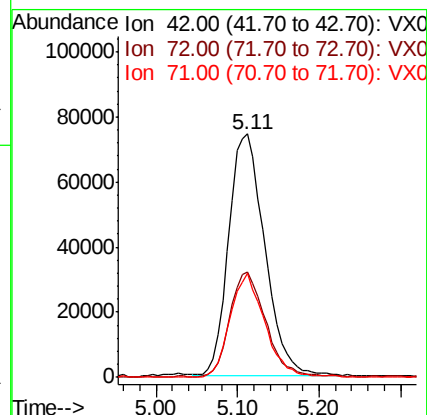
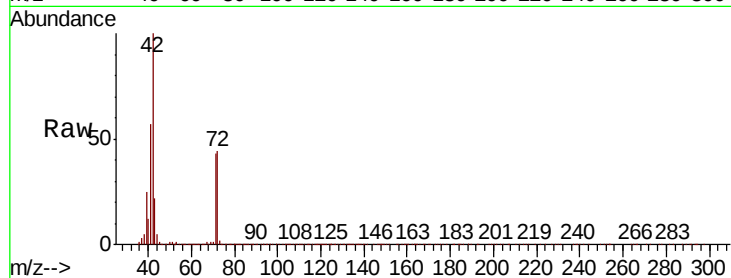




#29
Tetrahydrofuran
Concen: 107.074 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

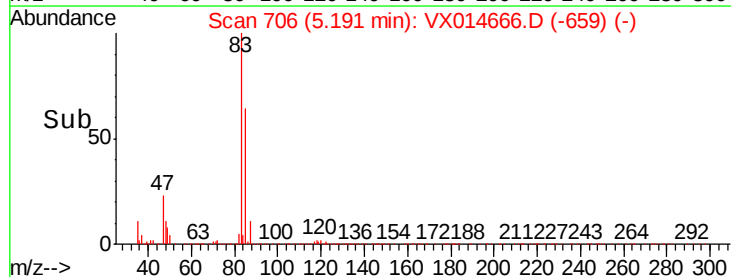
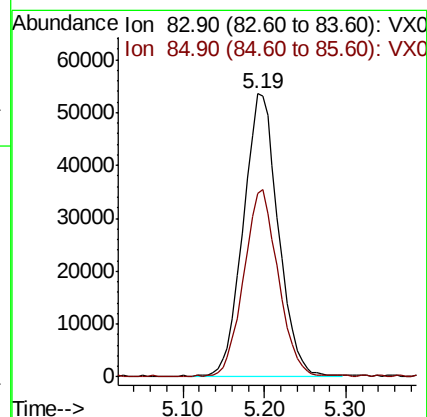
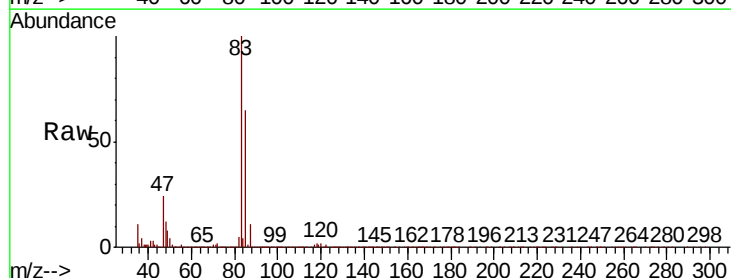
Instrument :
MSVOA_X
ClientSampleId :

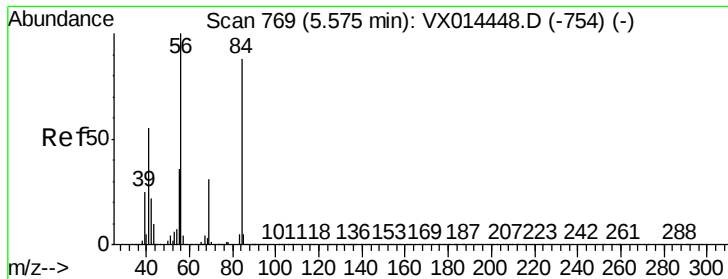
Tot Ion: 42 Resp: 228519
Ion Ratio Lower Upper
42 100
72 43.1 36.2 54.4
71 40.5 34.1 51.1



#30
Chloroform
Concen: 20.601 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 83 Resp: 158856
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8

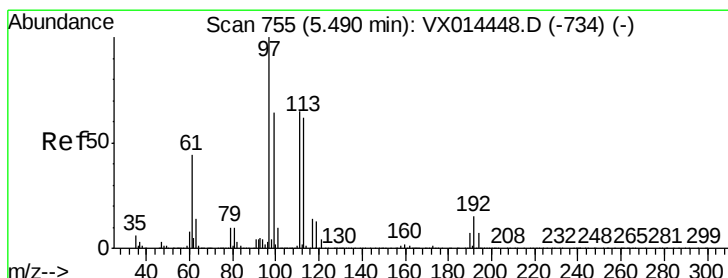
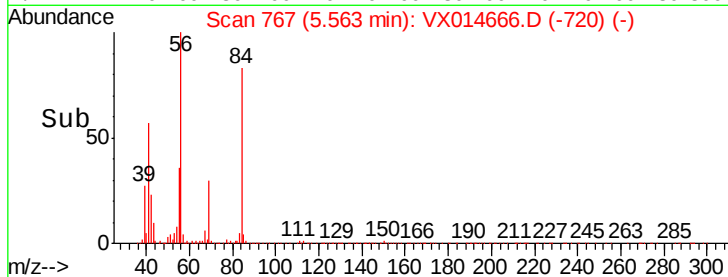
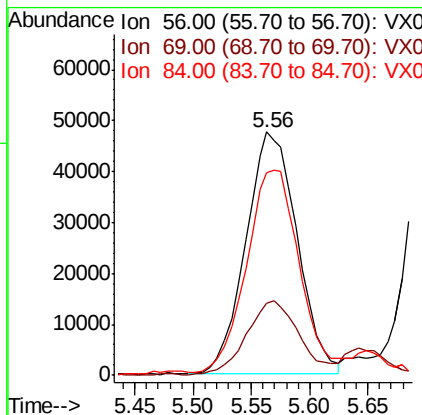
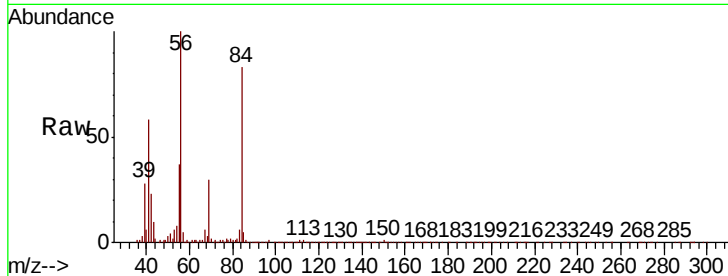




#31
Cyclohexane
Concen: 19.706 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

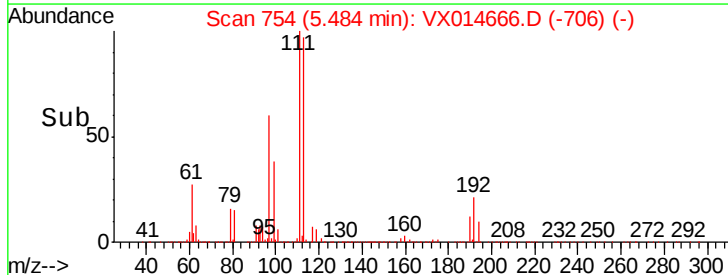
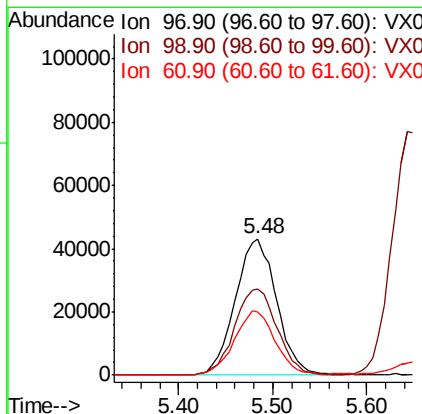
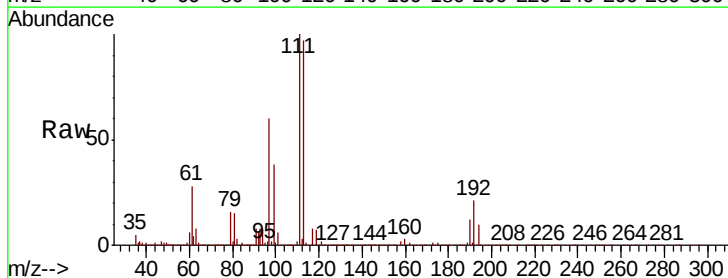
Instrument :
MSVOA_X
ClientSampleId :

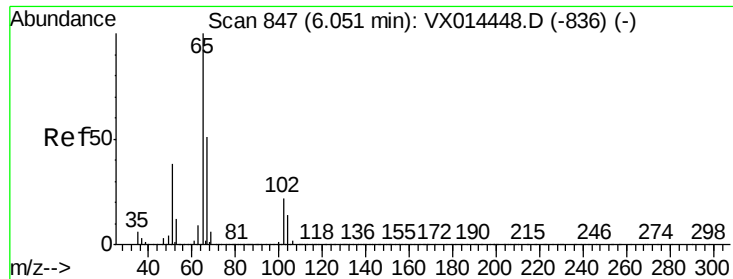
Tot Ion: 56 Resp: 145553
Ion Ratio Lower Upper
56 100
69 29.5 24.4 36.6
84 82.0 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.910 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 97 Resp: 131414
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.6
61 47.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.787 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

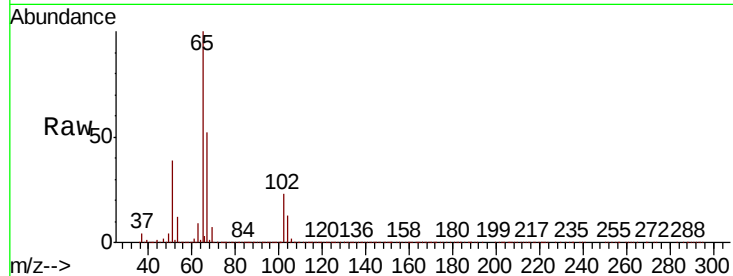
ClientSampleId :

Tot Ion: 65 Resp: 245426

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

100000

80000

60000

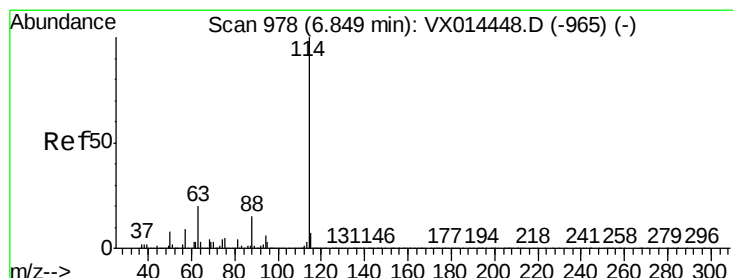
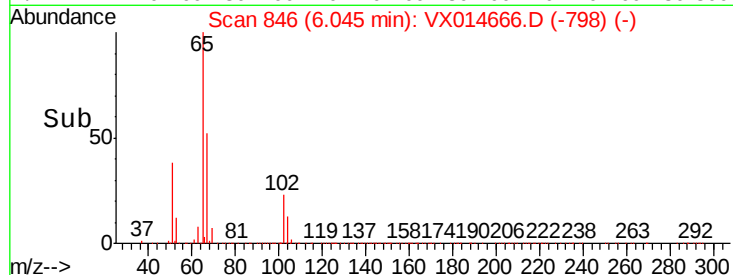
40000

20000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

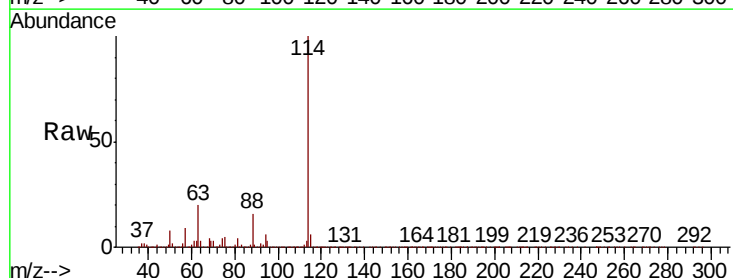
Tgt Ion: 114 Resp: 646120

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.6 0.0 30.8



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

6.85

300000

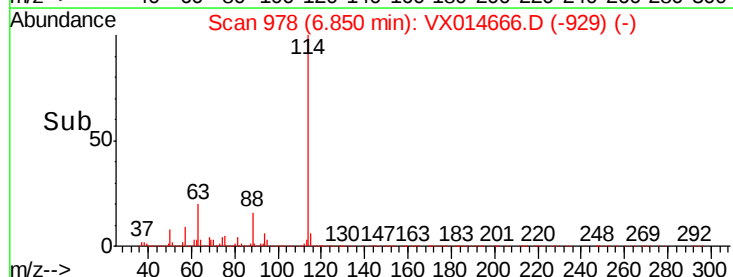
200000

100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 51.030 ug/l

RT: 5.48 min Scan# 754

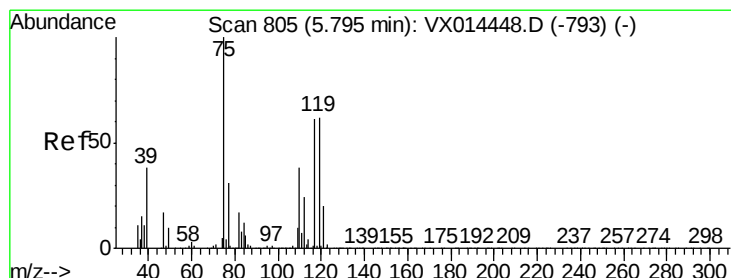
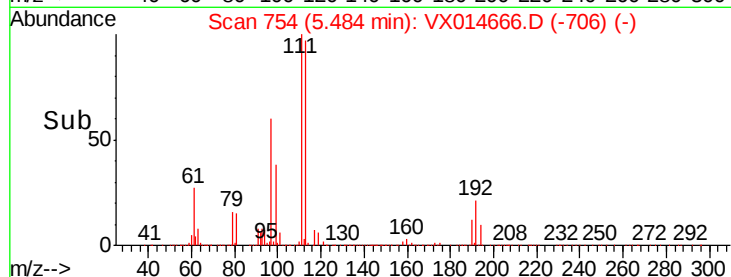
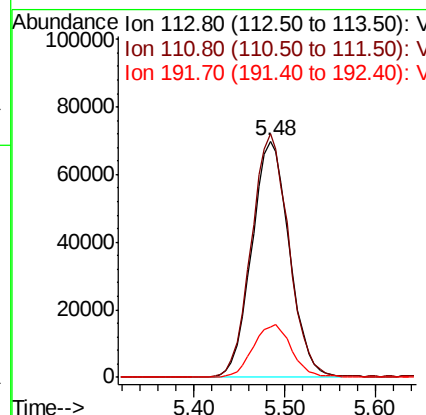
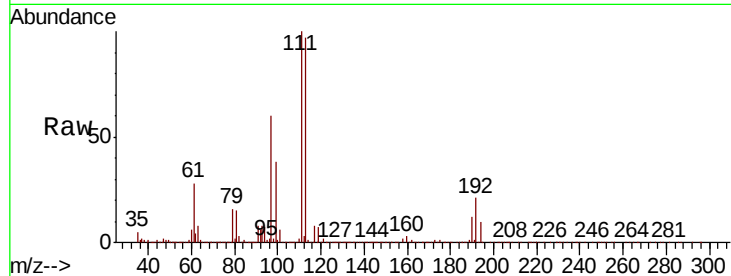
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	199591
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.2	19.2	28.8



#36

1,1-Dichloropropene

Concen: 19.307 ug/l

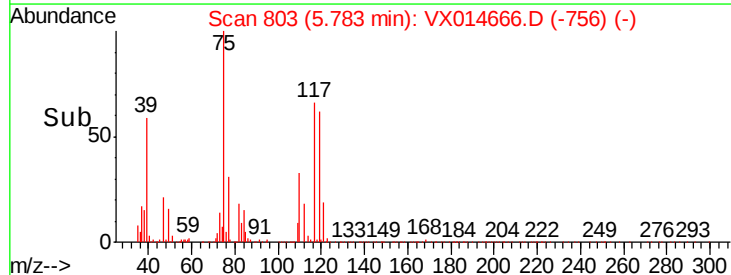
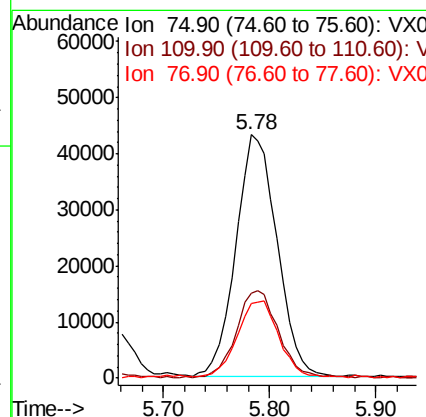
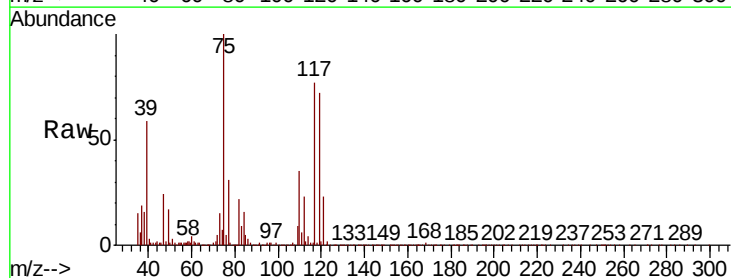
RT: 5.78 min Scan# 803

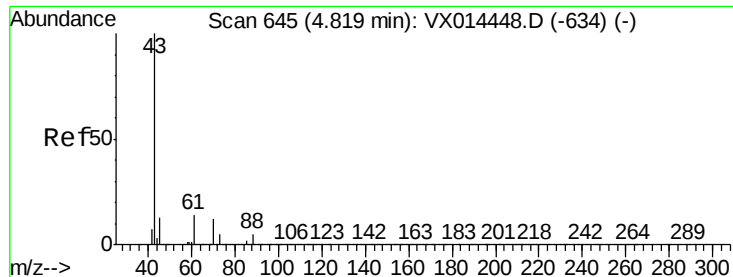
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	75	Resp:	117313
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.6	55.8
77	31.5	24.5	36.7

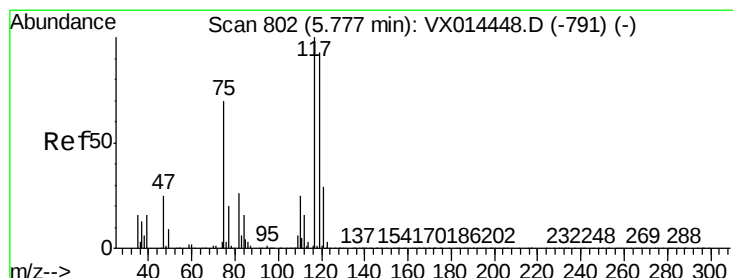
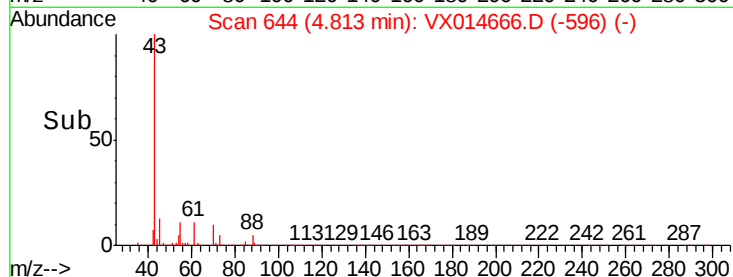
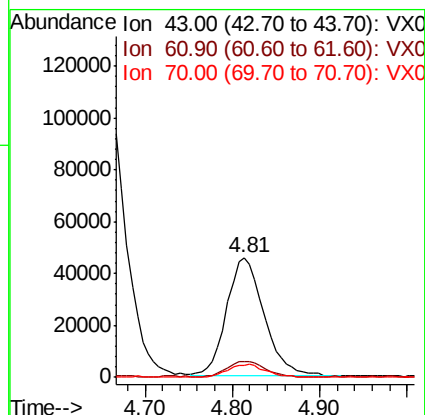
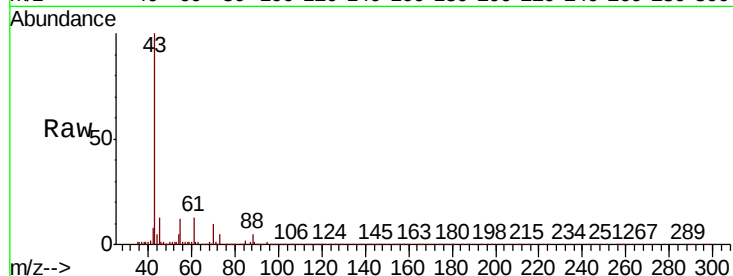




#37
Ethyl Acetate
Concen: 20.662 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

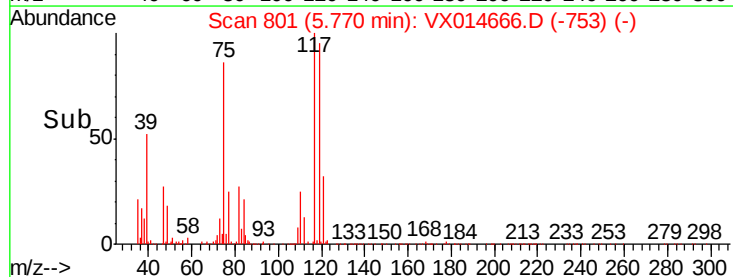
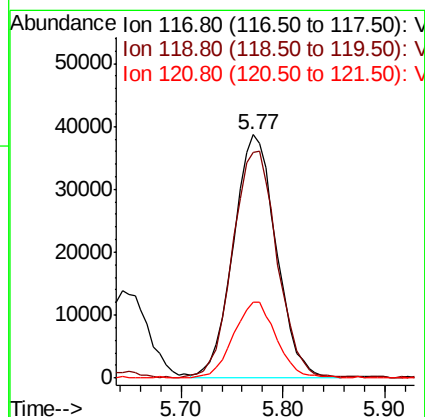
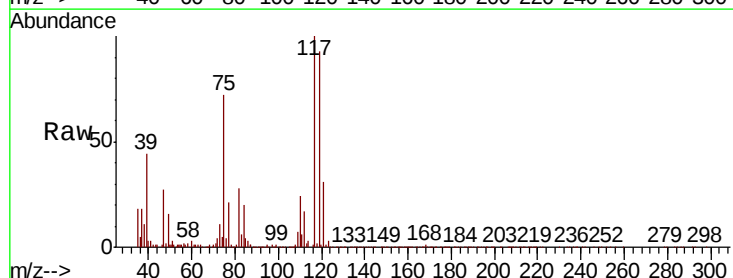
Instrument :
MSVOA_X
ClientSampled :

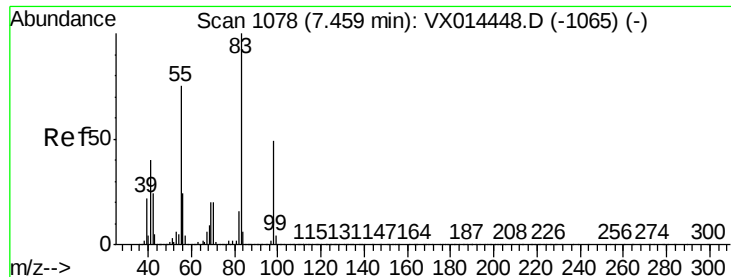
Tot Ion: 43 Resp: 136370
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.036 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 117 Resp: 112032
Ion Ratio Lower Upper
117 100
119 92.4 73.8 110.8
121 31.2 23.4 35.0

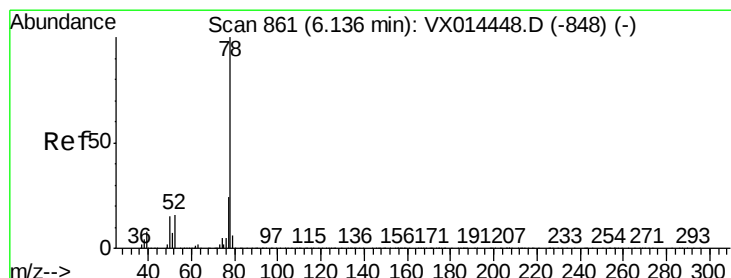
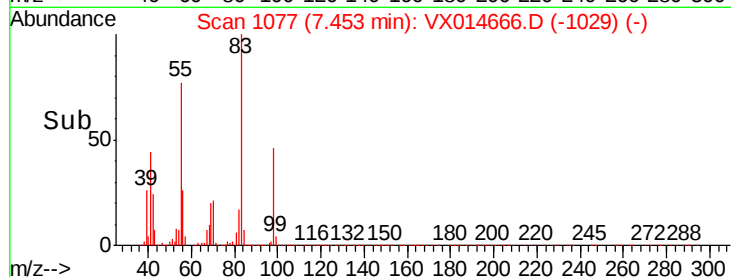
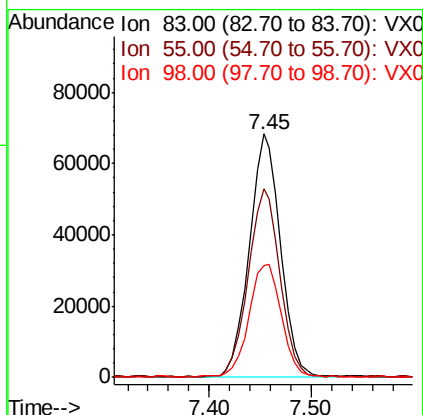
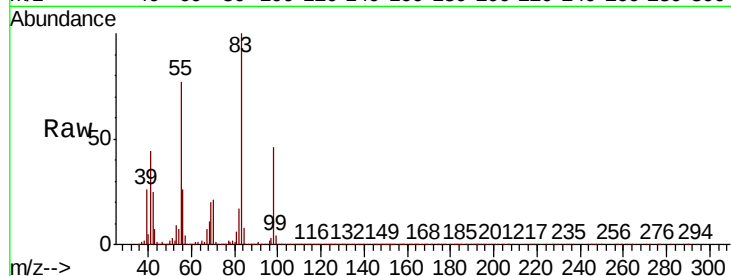




#39
Methvlcvclohexane
Concen: 18.994 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

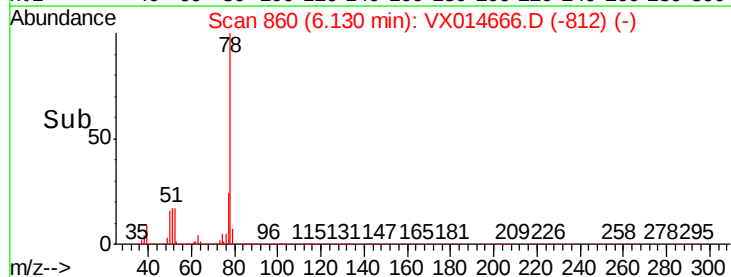
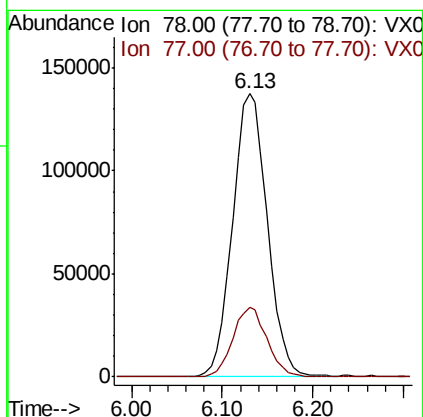
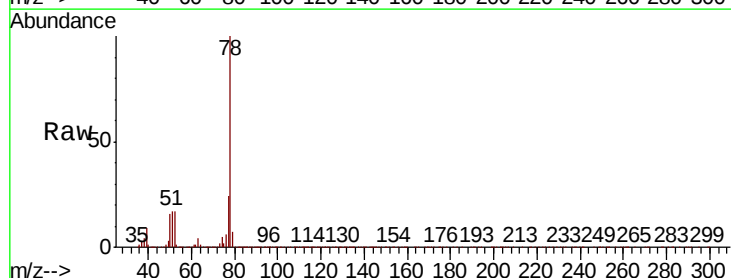
Instrument :
MSVOA_X
ClientSampleId :

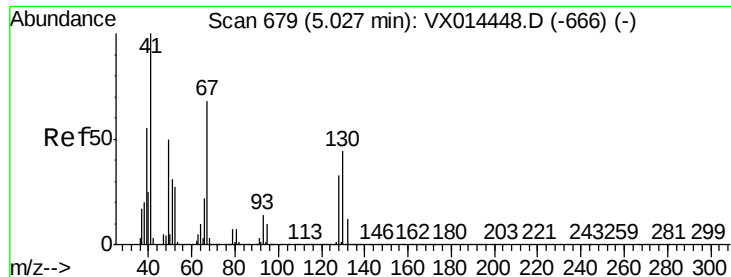
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	59.7	89.5
98	45.9	39.1	58.7



#40
Benzene
Concen: 20.170 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3

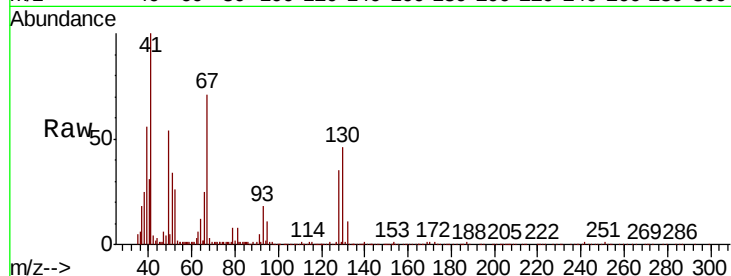




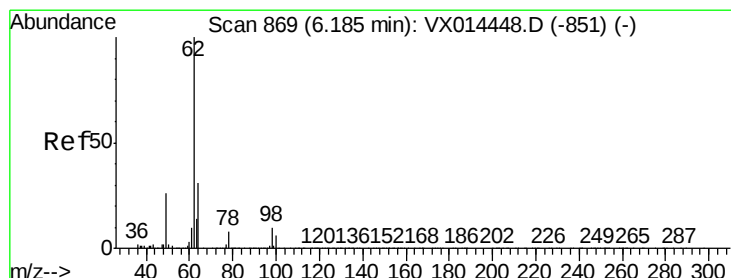
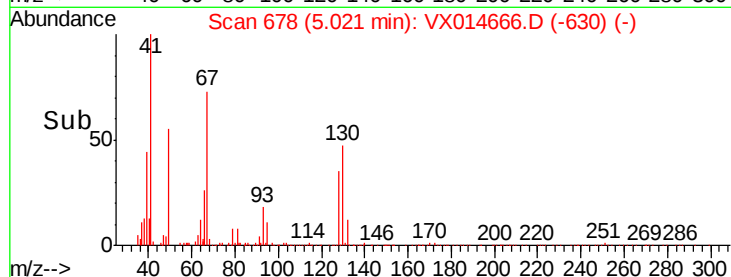
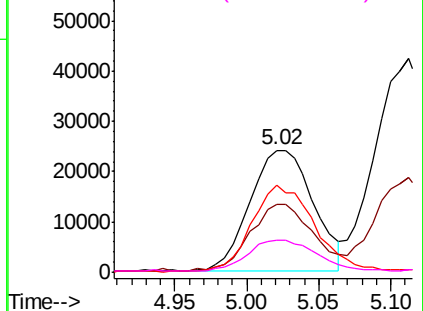
#41
Methacrylonitrile
Concen: 20.827 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	73303
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.6	65.4
67	70.7	57.9	86.9
52	28.5	23.0	34.6

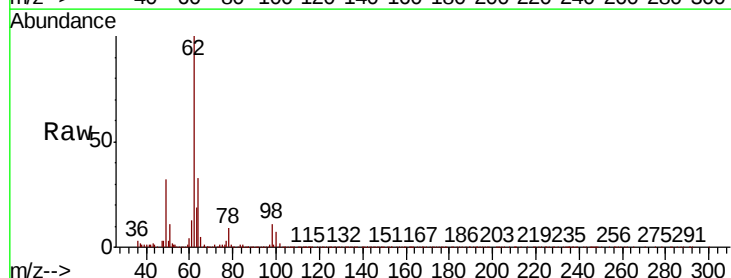


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

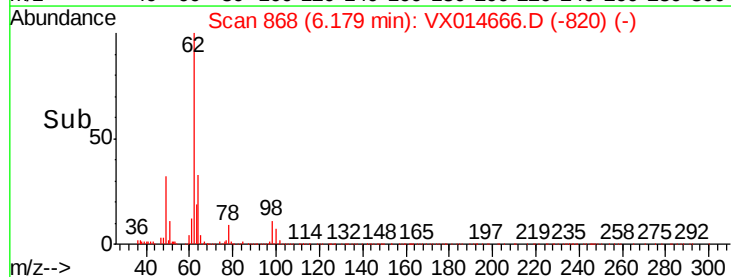
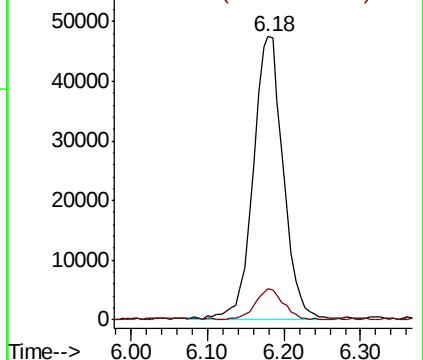


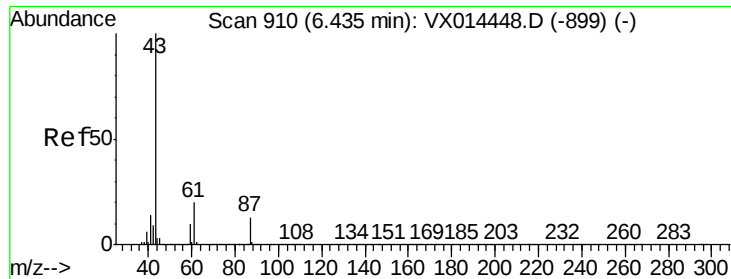
#42
1,2-Dichloroethane
Concen: 20.745 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion:	62	Resp:	130803
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



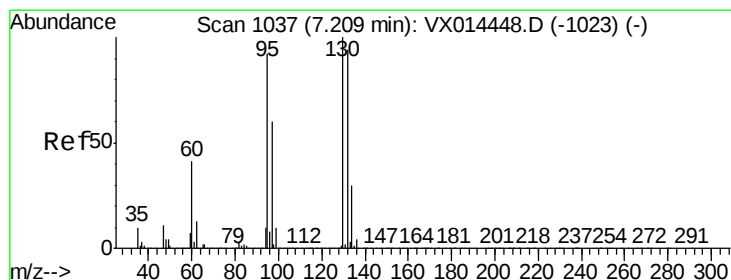
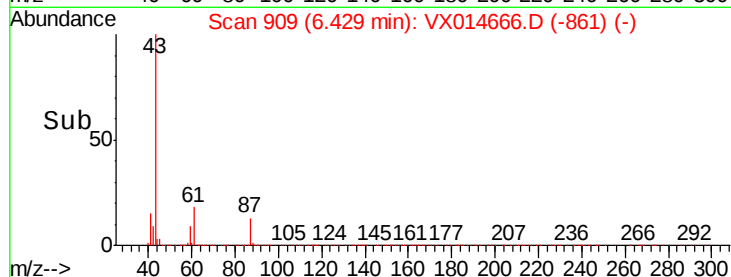
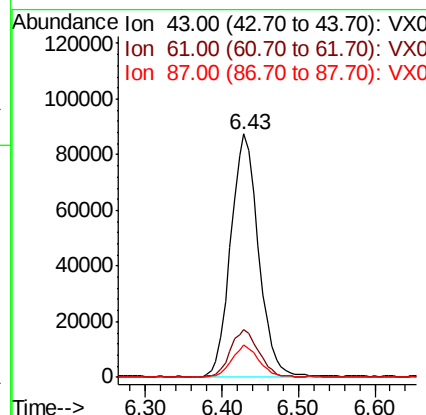
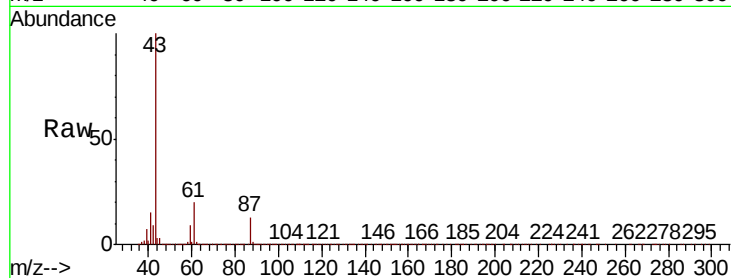


#43

Isopropyl Acetate
 Concen: 20.514 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampleId :

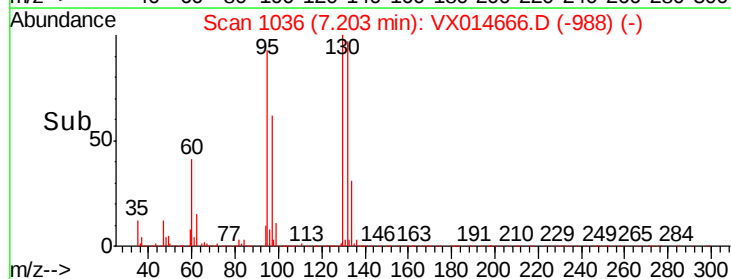
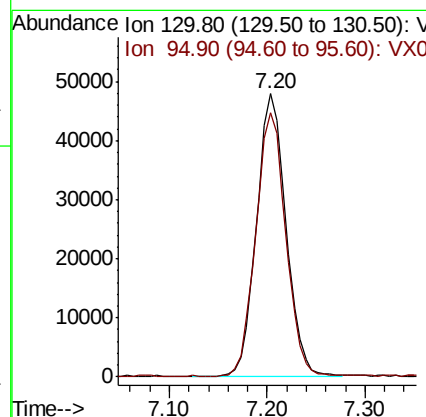
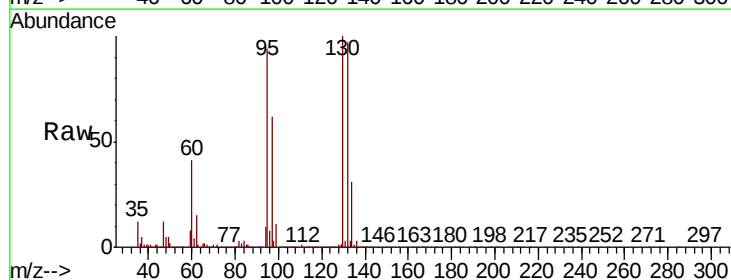
Tot Ion	43	Resp	218719
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.6	24.8
87	12.7	10.8	16.2

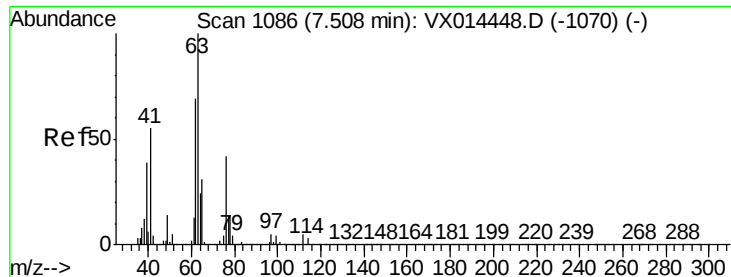


#44

Trichloroethene
 Concen: 19.444 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	130	Resp	100769
Ion Ratio	Lower	Upper	
130	100		
95	93.0	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.506 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

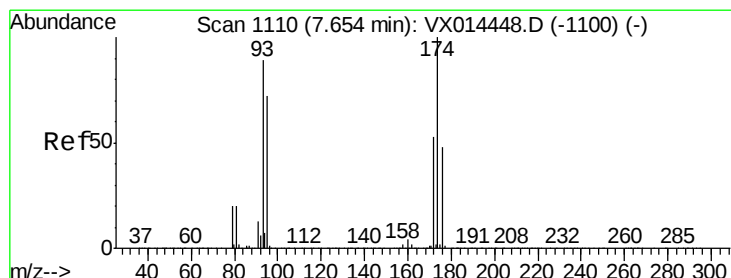
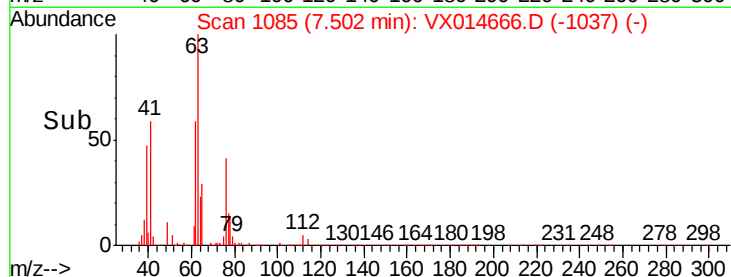
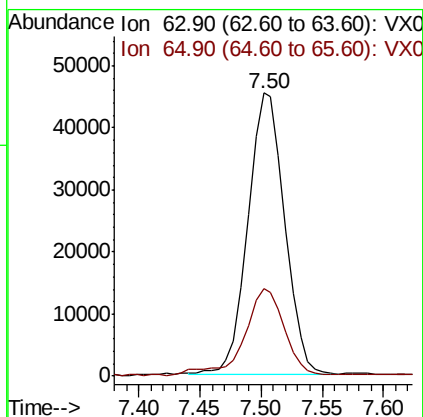
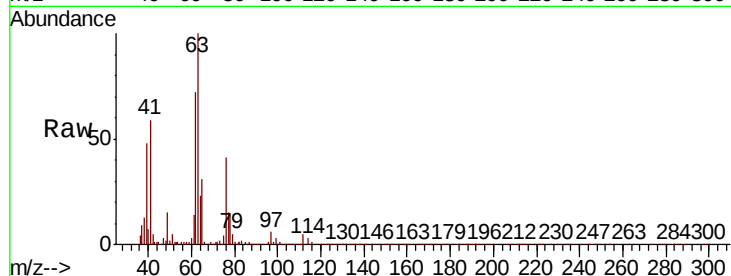
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 94283

Ion Ratio Lower Upper

63 100

65 30.6 24.8 37.2



#46

Dibromomethane

Concen: 19.129 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

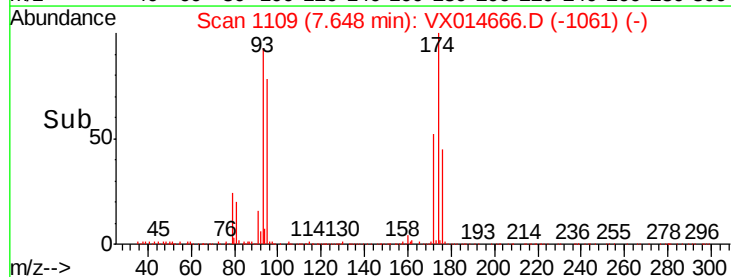
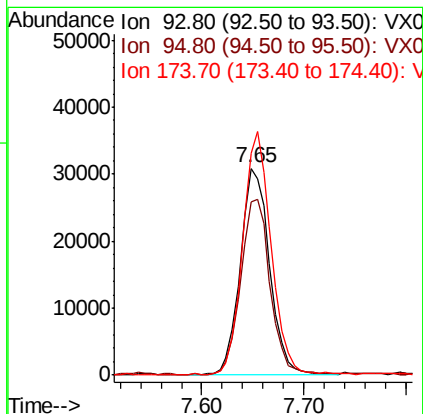
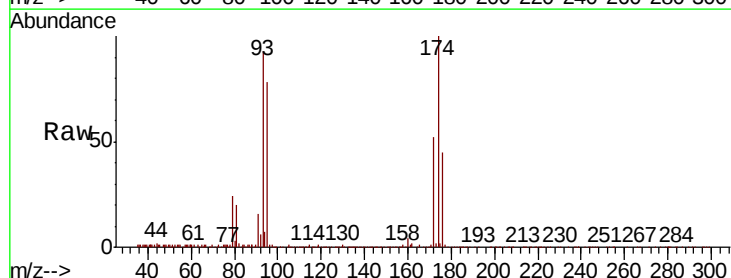
Tgt Ion: 93 Resp: 61385

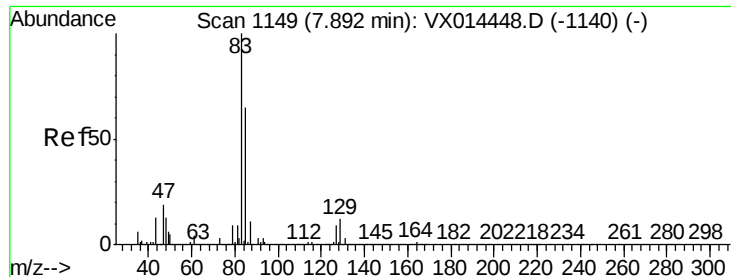
Ion Ratio Lower Upper

93 100

95 84.3 65.4 98.2

174 115.2 93.0 139.4





#47

Bromodichloromethane

Concen: 20.674 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

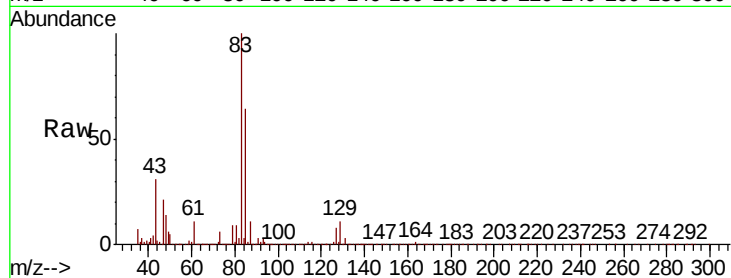
Tot Ion: 83 Resp: 120719

Ion Ratio Lower Upper

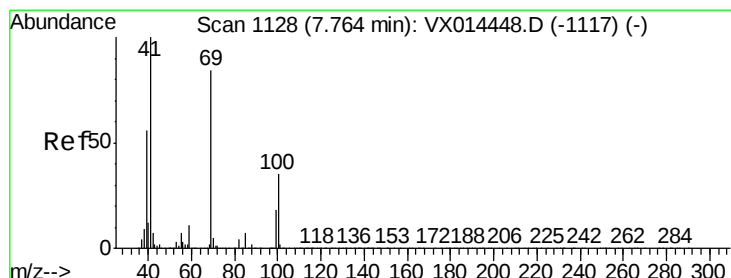
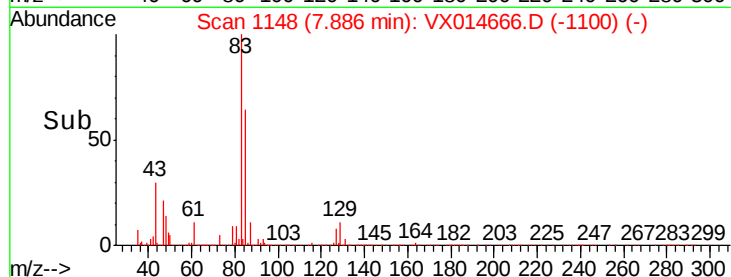
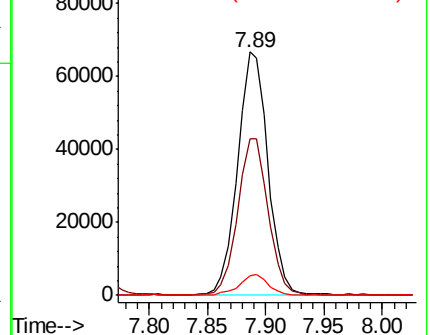
83 100

85 64.2 51.7 77.5

127 7.7 7.1 10.7



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: 20.881 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

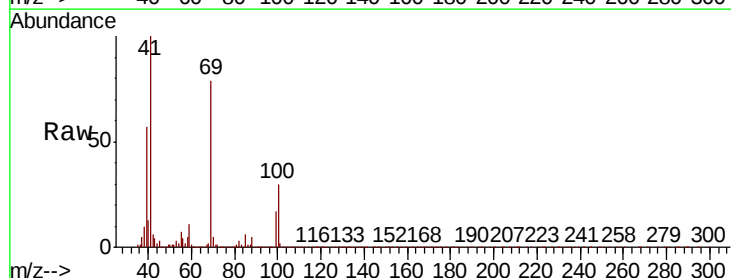
Tgt Ion: 41 Resp: 106628

Ion Ratio Lower Upper

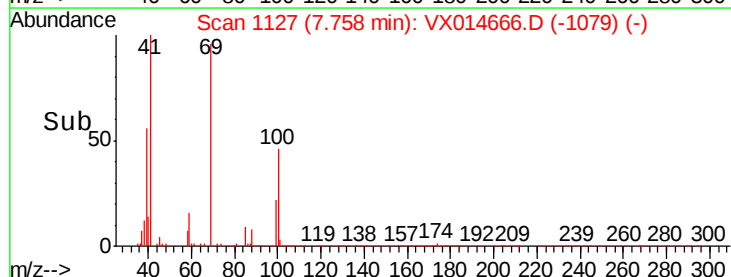
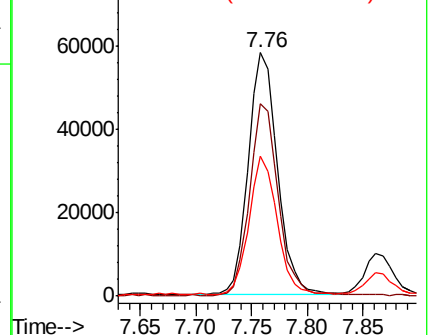
41 100

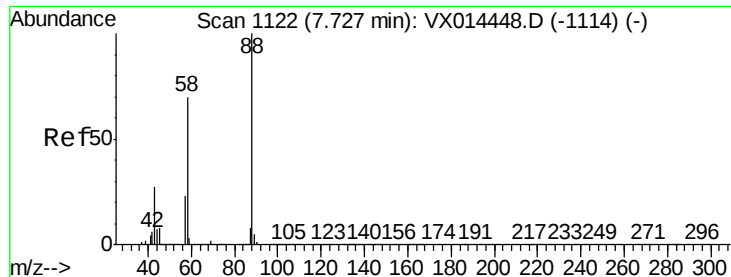
69 77.9 65.5 98.3

39 54.7 43.9 65.9



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: 413.724 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

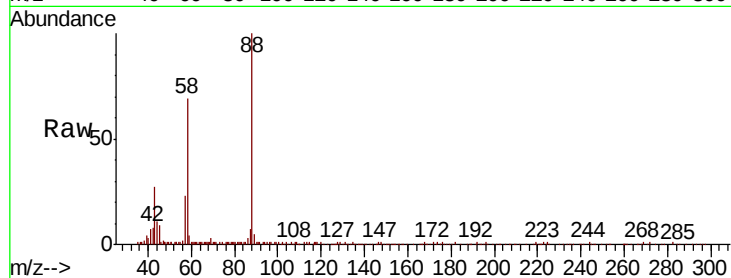
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 44765

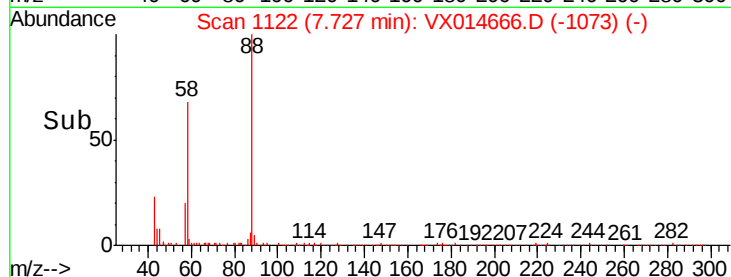
Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.4	41.0
58	68.5	57.1	85.7



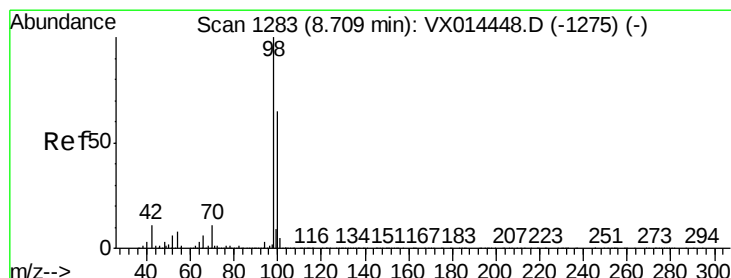
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.845 ug/l

RT: 8.71 min Scan# 1283

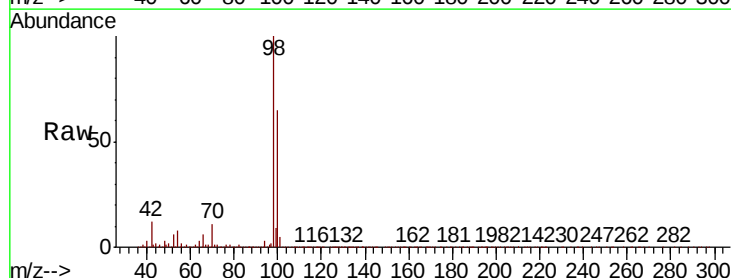
Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

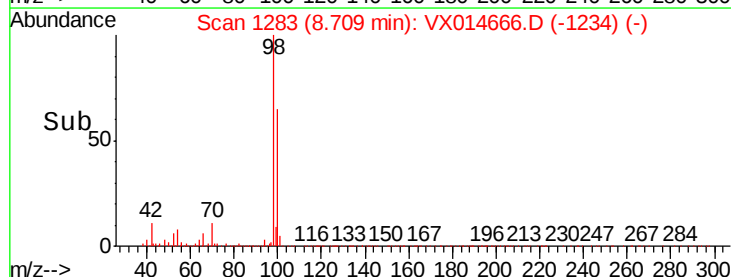
Tgt Ion: 98 Resp: 771744

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.2	79.8

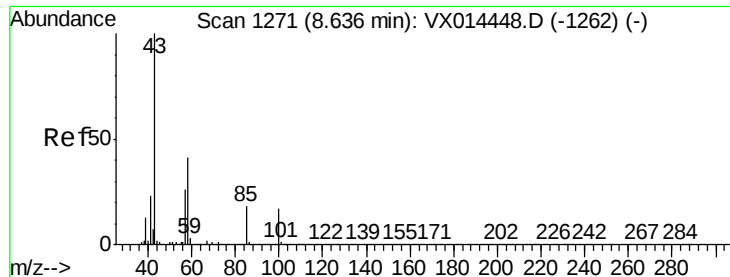


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 107.769 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

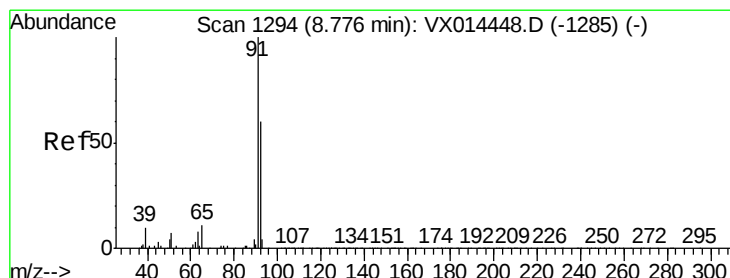
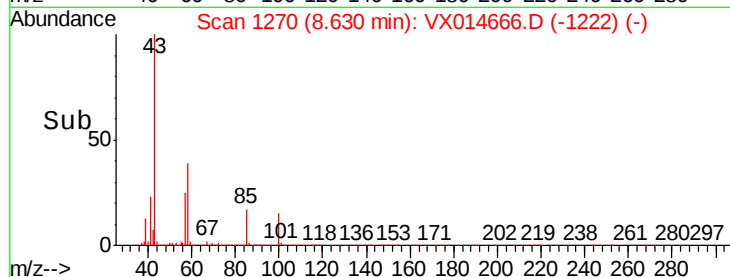
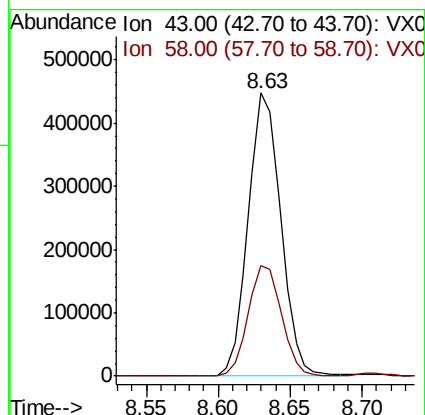
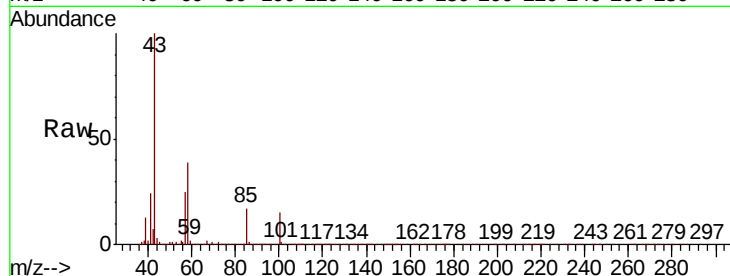
ClientSampleId :

Tot Ion: 43 Resp: 700177

Ion Ratio Lower Upper

43 100

58 40.0 32.4 48.6



#52

Toluene

Concen: 19.746 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014666.D

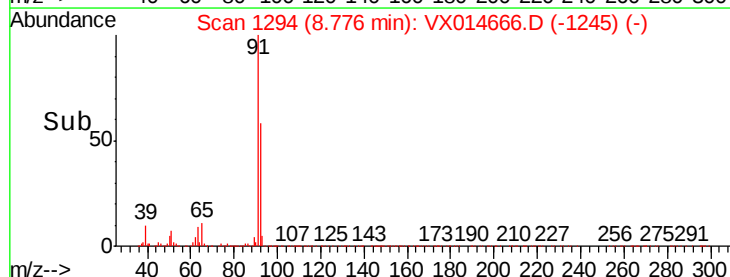
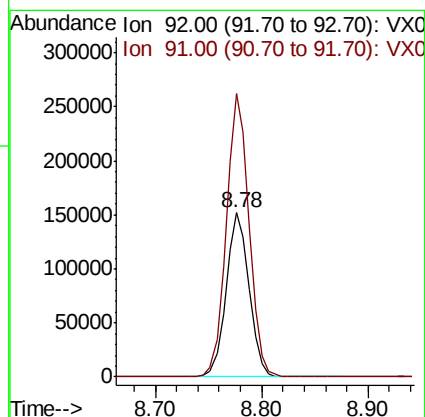
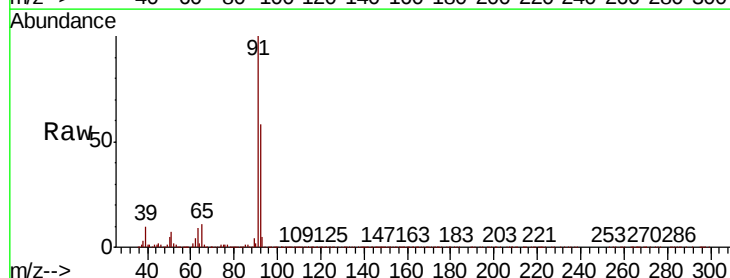
Acq: 20 Jan 2020 11:09

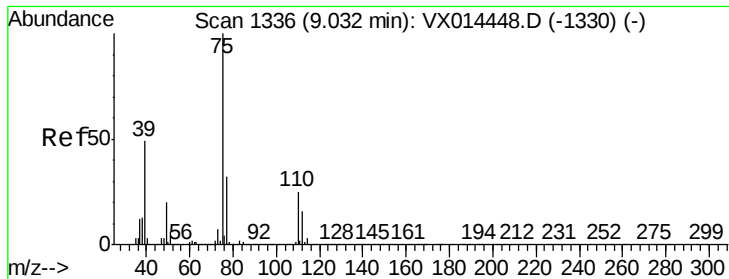
Tgt Ion: 92 Resp: 227948

Ion Ratio Lower Upper

92 100

91 171.0 135.7 203.5

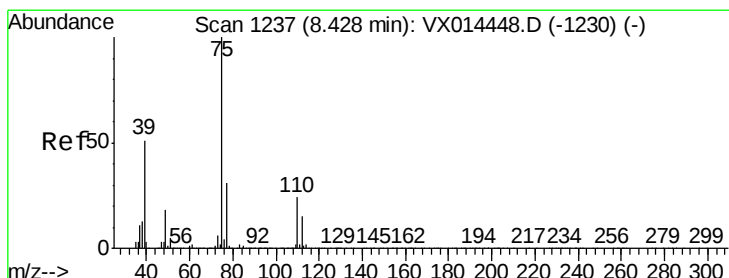
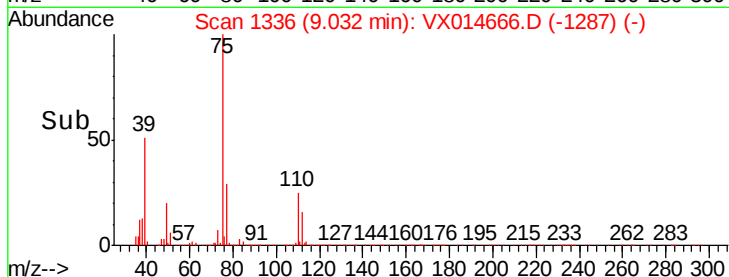
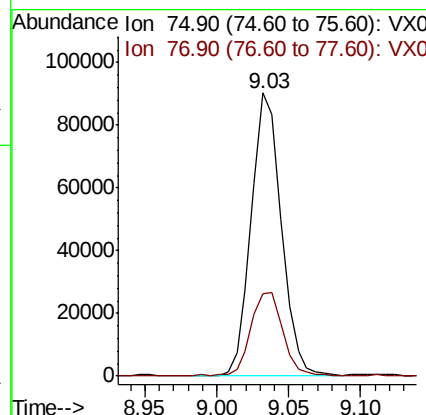
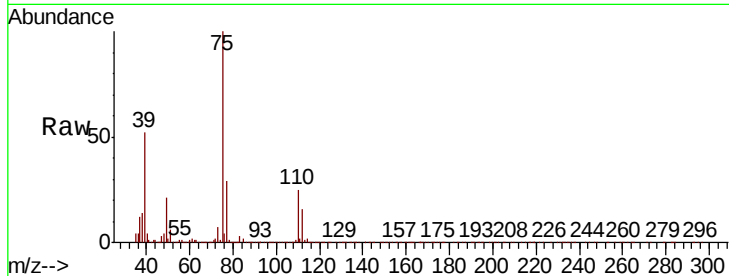




#53
 t-1,3-Dichloropropene
 Concen: 19.127 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

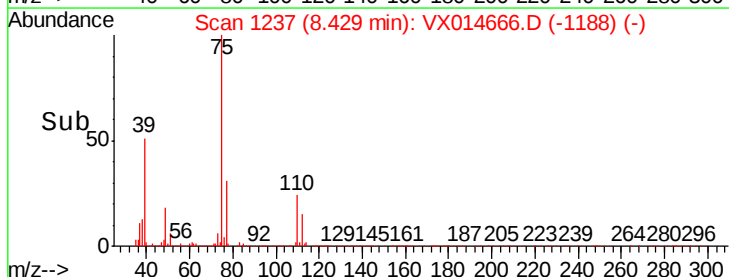
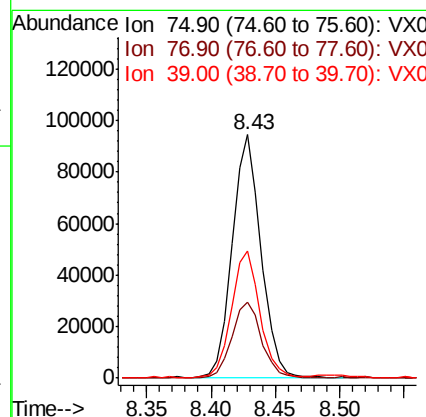
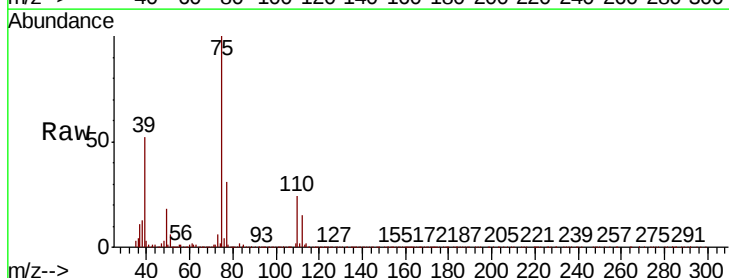
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 130031
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.951 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion: 75 Resp: 146509
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 51.4 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 20.634 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 95680

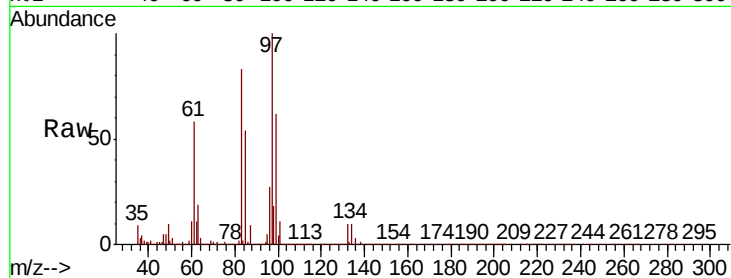
Ion Ratio Lower Upper

97 100

83 83.3 66.4 99.6

85 54.0 43.4 65.2

99 61.9 49.6 74.4

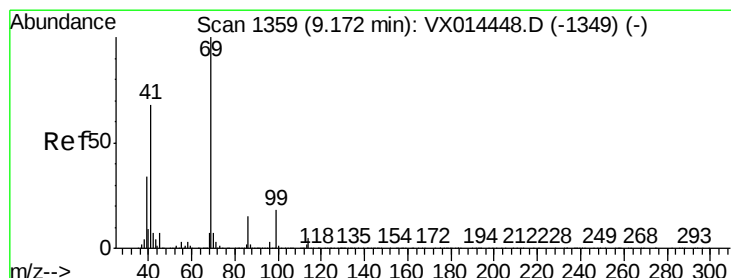
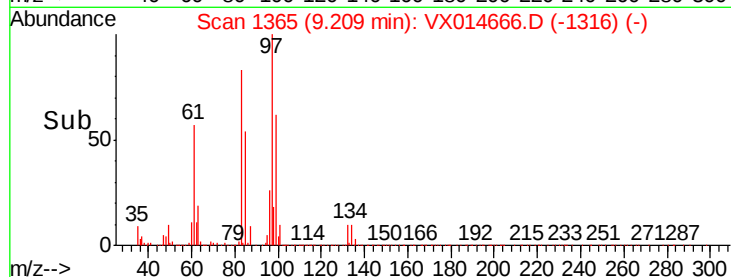
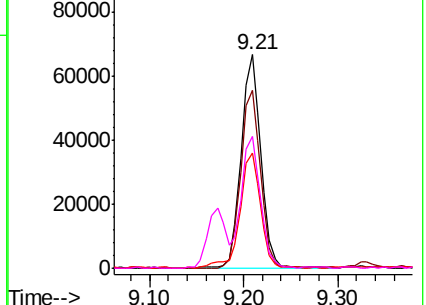


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.936 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

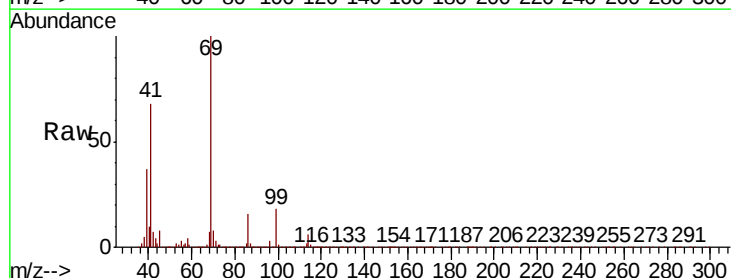
Tgt Ion: 69 Resp: 141626

Ion Ratio Lower Upper

69 100

41 69.4 54.2 81.2

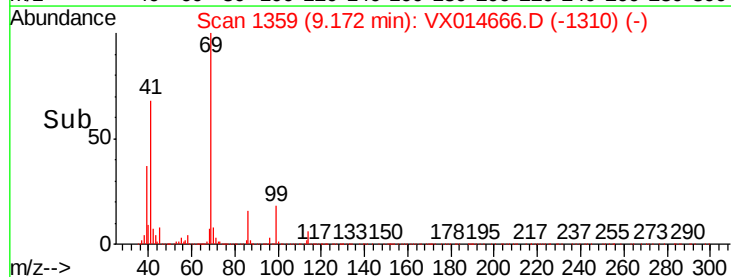
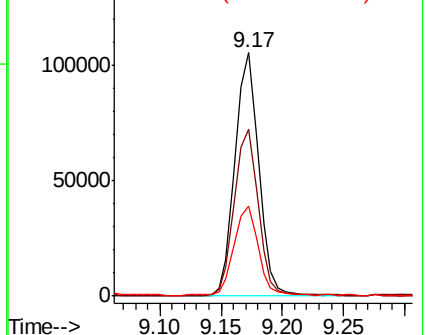
39 36.7 28.2 42.2

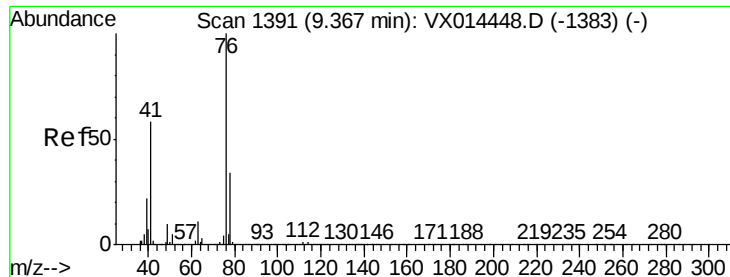


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.576 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

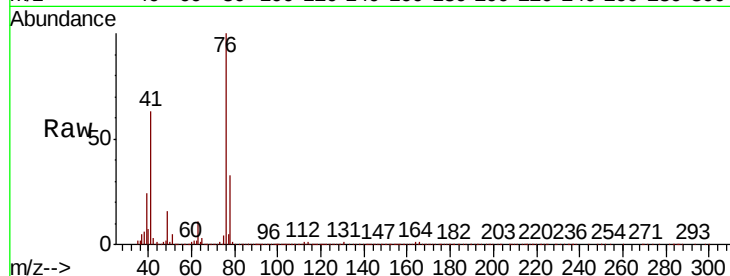
ClientSampleId :

Tot Ion: 76 Resp: 159528

Ion Ratio Lower Upper

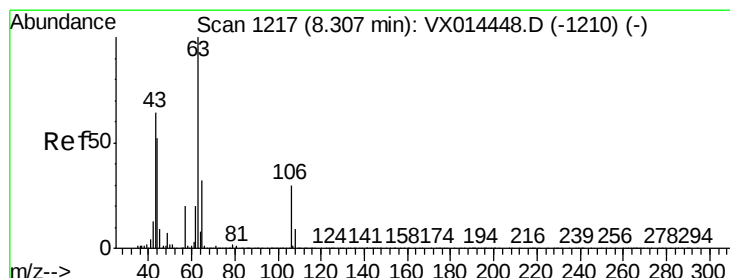
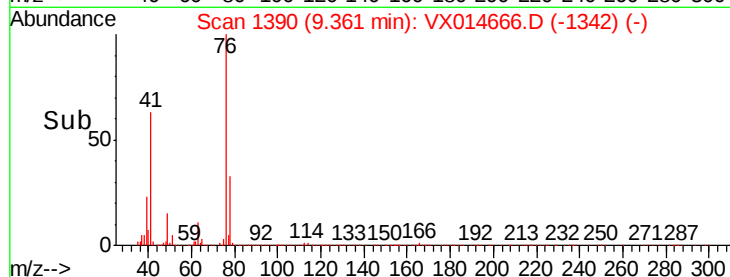
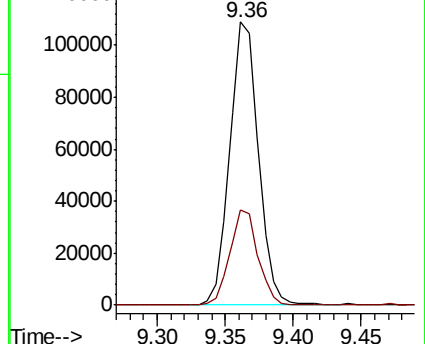
76 100

78 32.8 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.568 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014666.D

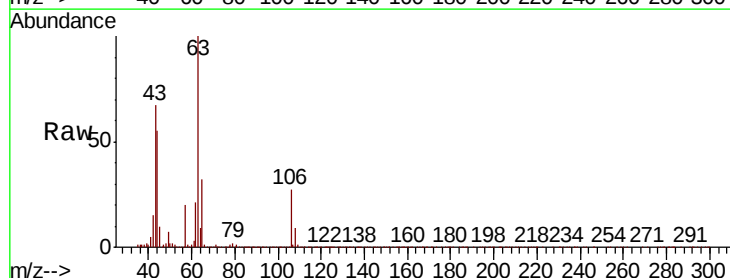
Acq: 20 Jan 2020 11:09

Tgt Ion: 63 Resp: 250323

Ion Ratio Lower Upper

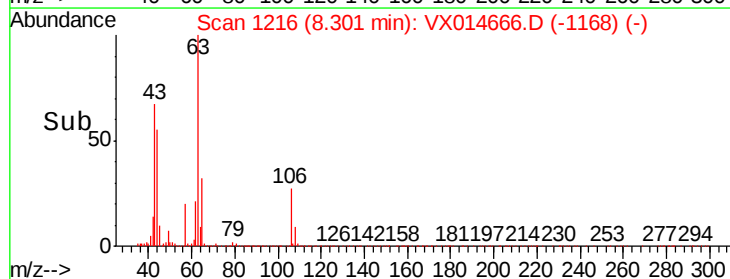
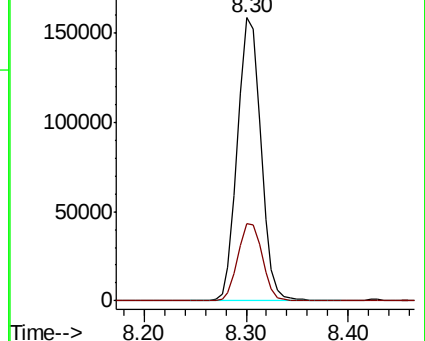
63 100

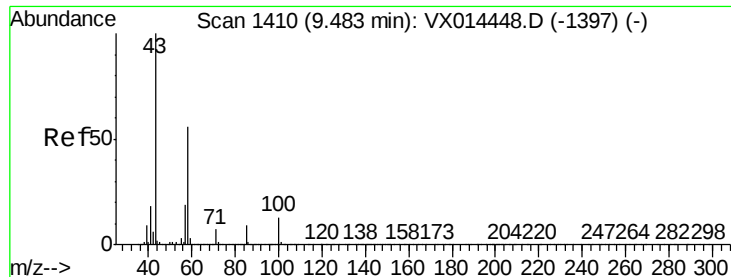
106 28.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

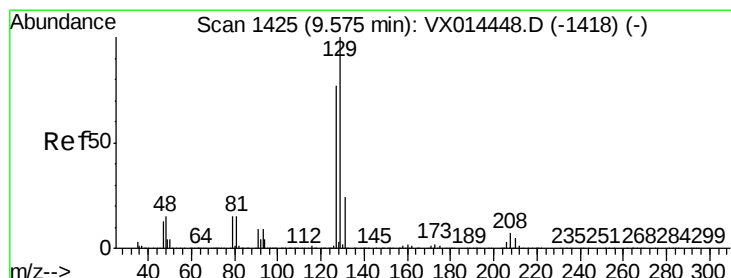
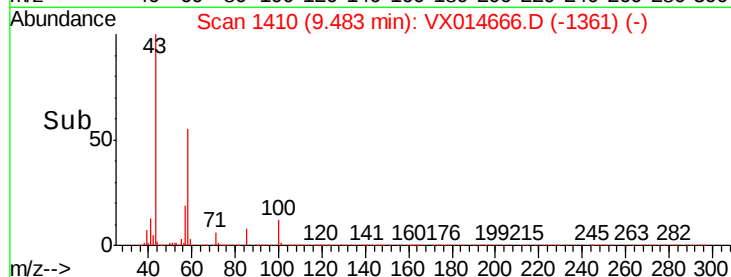
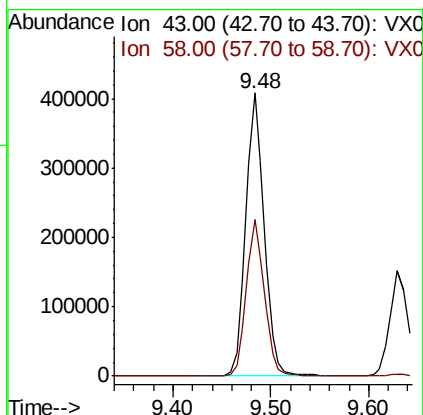
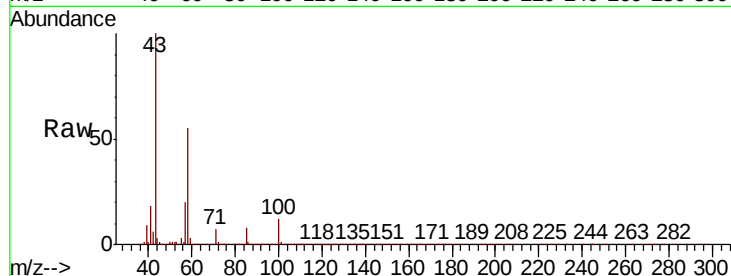




#59
2-Hexanone
Concen: 103.803 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

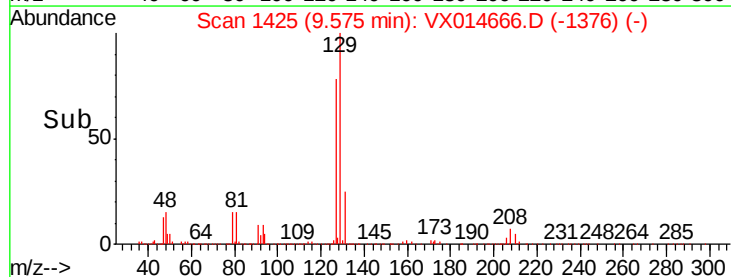
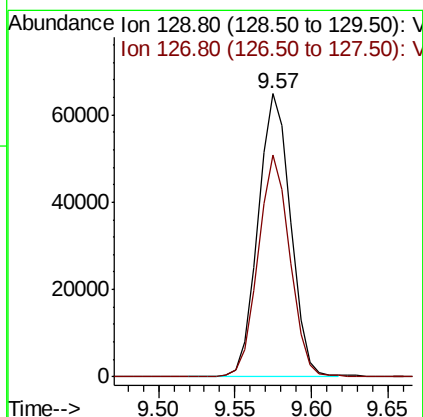
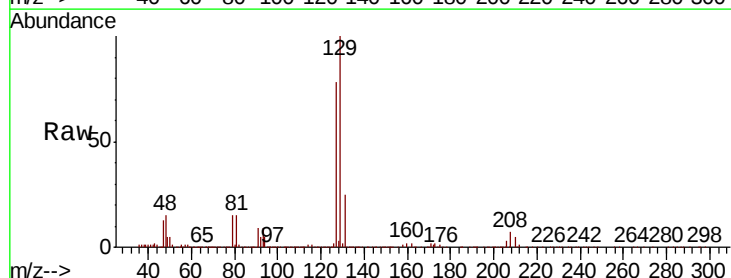
Instrument :
MSVOA_X
ClientSampleId :

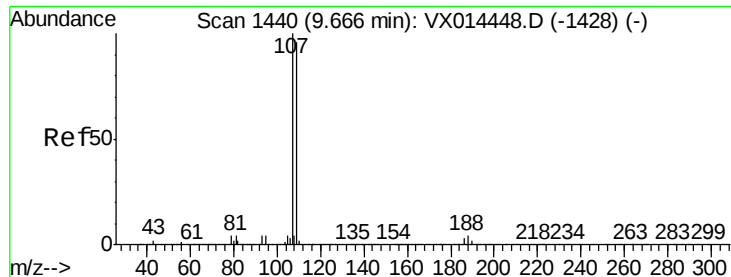
Tot Ion: 43 Resp: 533620
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.7



#60
Dibromochloromethane
Concen: 20.555 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 129 Resp: 95801
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.956 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

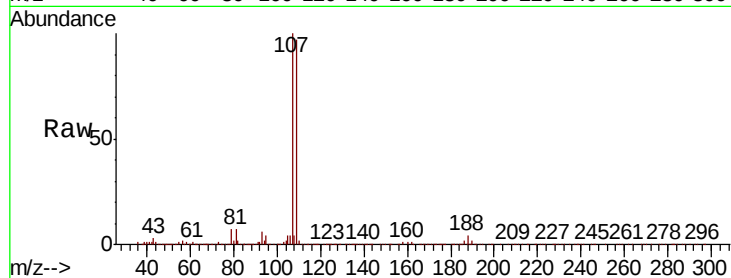
ClientSampleId :

Tot Ion:107 Resp: 98020

Ion Ratio Lower Upper

107 100

109 96.5 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

40000

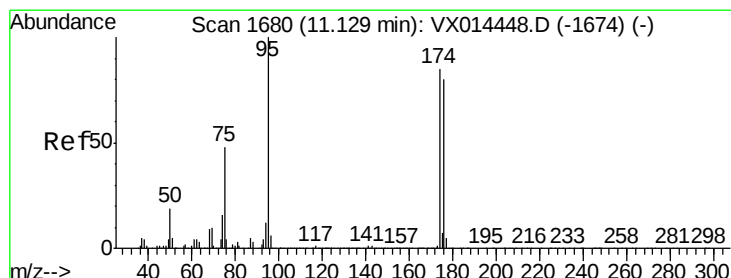
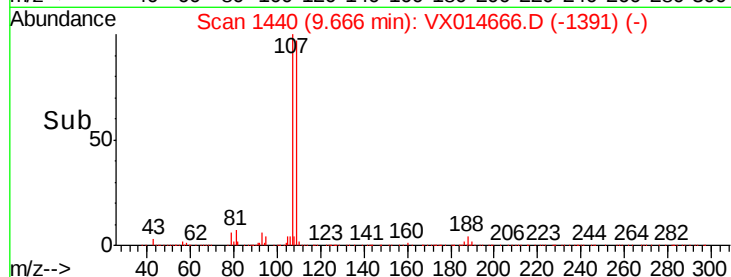
20000

0

Time-->

9.55 9.60 9.65 9.70 9.75

9.67



#62

4-Bromofluorobenzene

Concen: 48.983 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

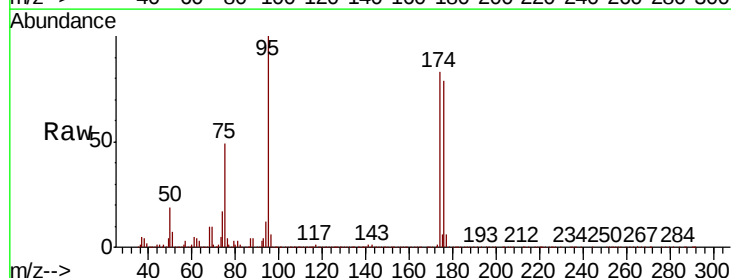
Tgt Ion: 95 Resp: 272936

Ion Ratio Lower Upper

95 100

174 87.6 0.0 180.8

176 84.8 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

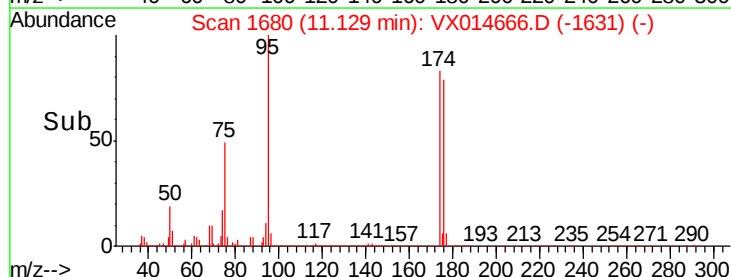
100000

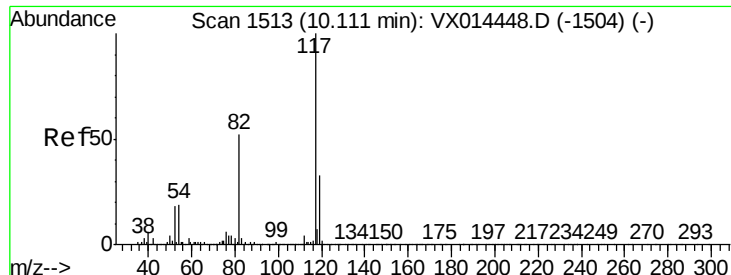
50000

0

Time-->

11.10 11.13 11.20

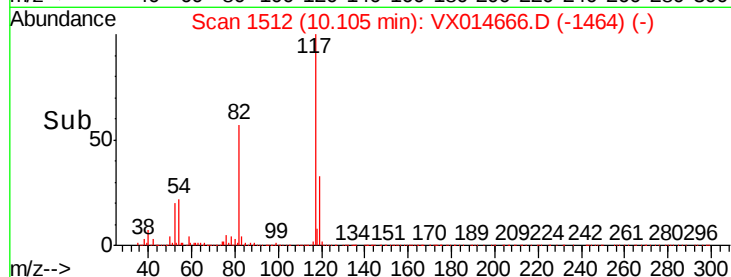
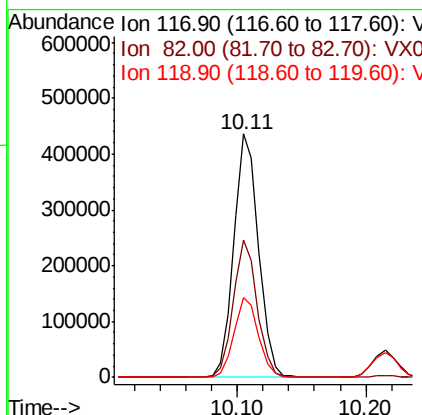
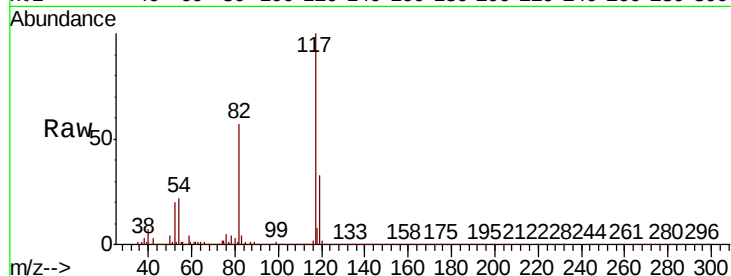




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

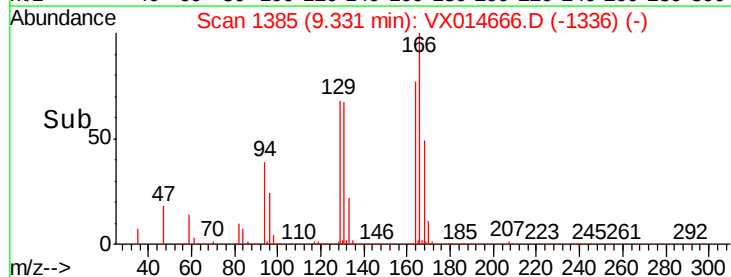
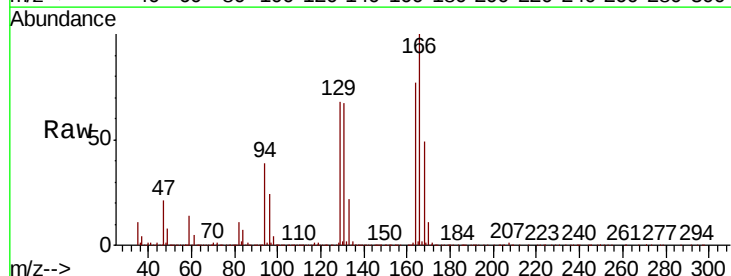
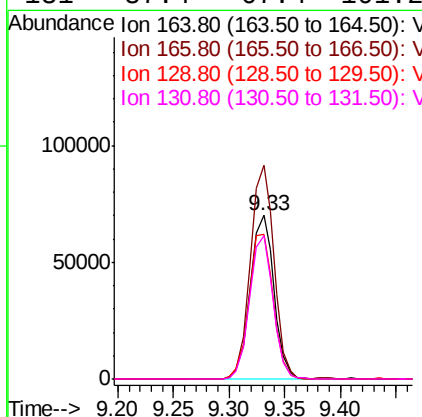
Instrument :
MSVOA_X
ClientSampled :

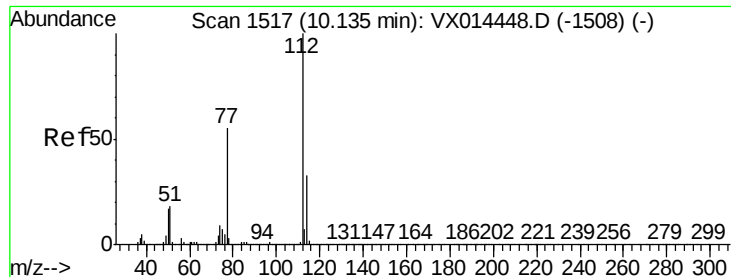
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	41.8	62.6
119	32.9	26.2	39.4



#64
Tetrachloroethene
Concen: 17.846 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.2	151.8
129	88.3	68.3	102.5
131	87.4	67.4	101.2





#65

Chlorobenzene

Concen: 19.366 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

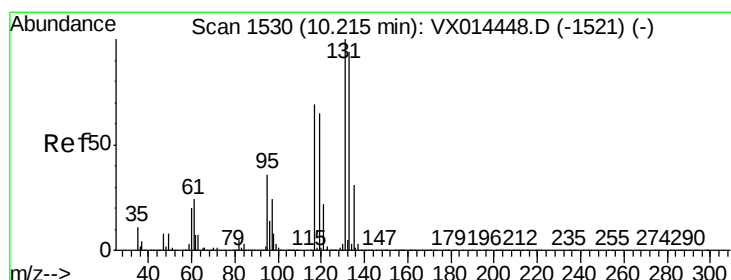
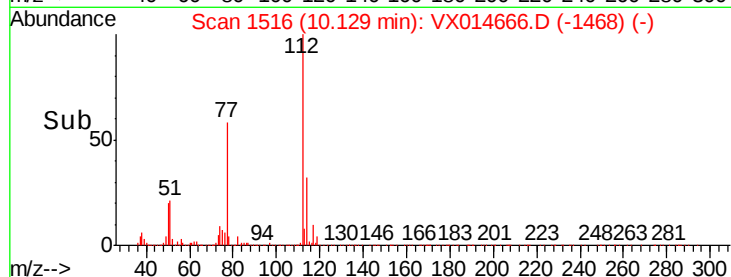
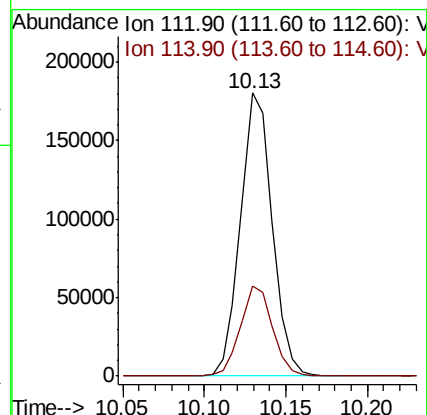
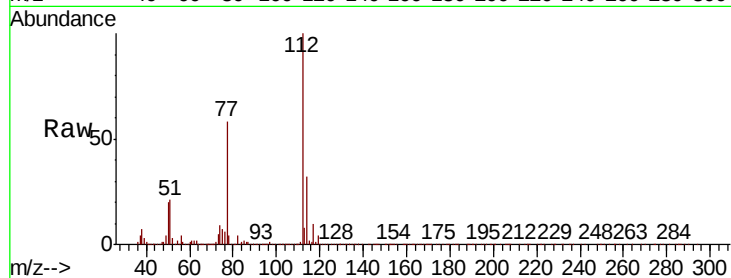
ClientSampleId :

Tot Ion:112 Resp: 244569

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.088 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

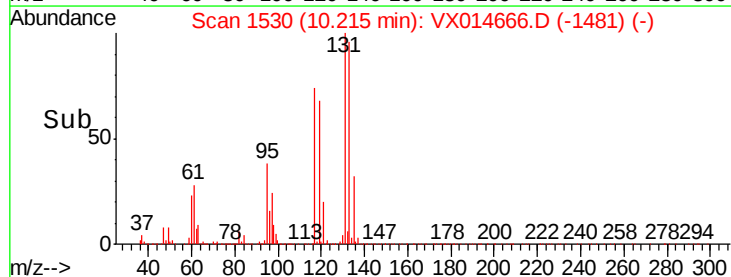
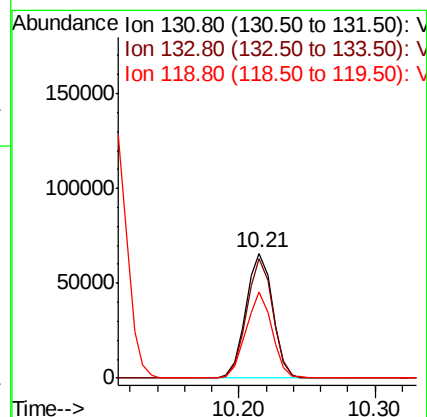
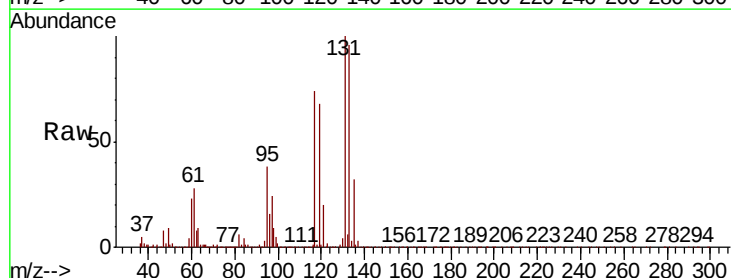
Tgt Ion:131 Resp: 90534

Ion Ratio Lower Upper

131 100

133 94.4 47.3 142.0

119 66.8 32.8 98.4





#67

Ethyl Benzene

Concen: 19.930 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

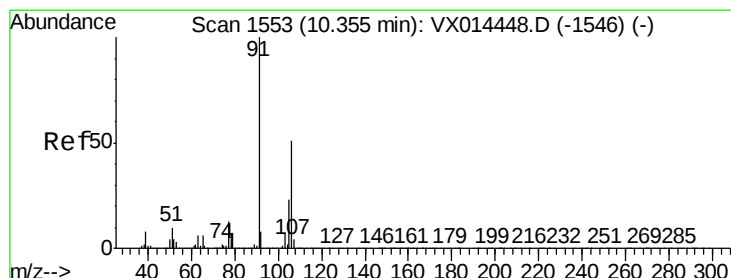
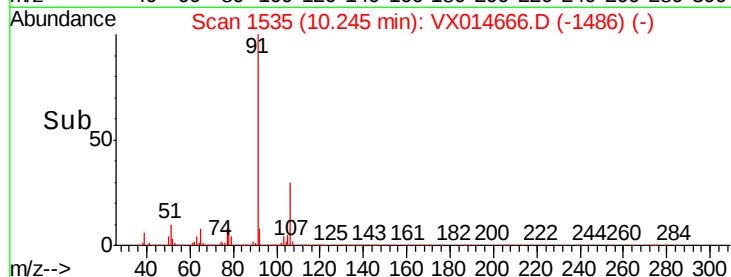
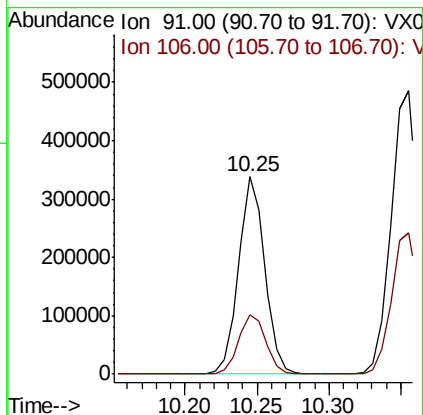
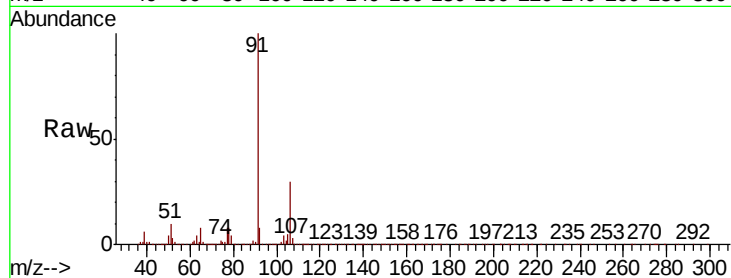
ClientSampled :

Tot Ion: 91 Resp: 428982

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 39.451 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014666.D

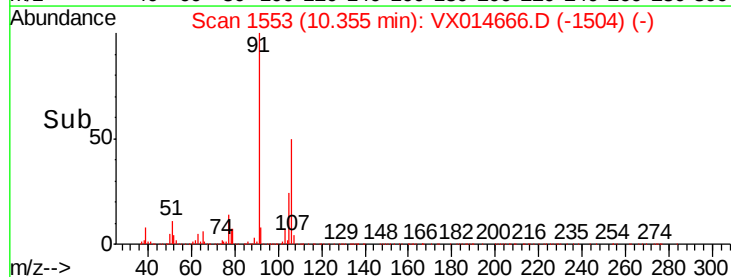
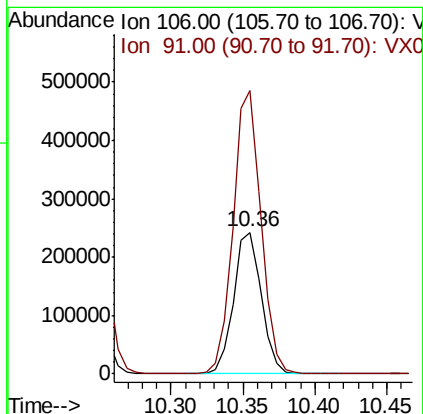
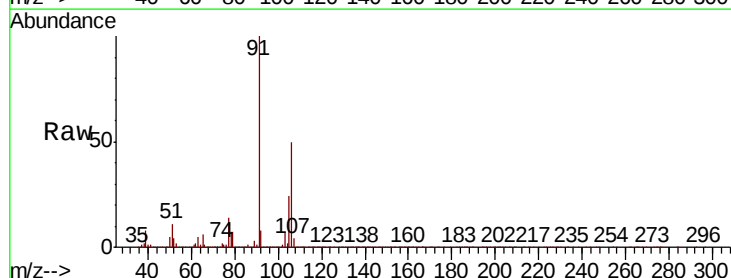
Acq: 20 Jan 2020 11:09

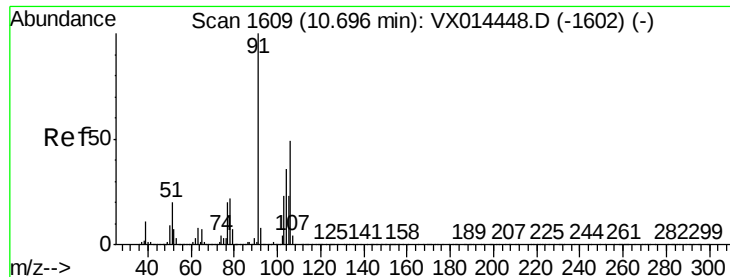
Tgt Ion: 106 Resp: 327606

Ion Ratio Lower Upper

106 100

91 200.6 157.4 236.0

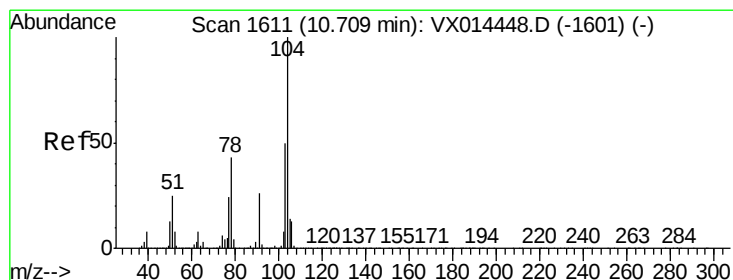
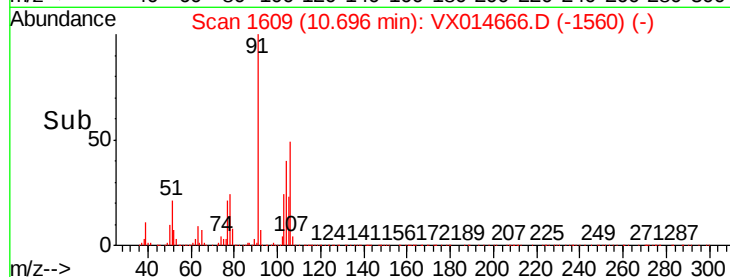
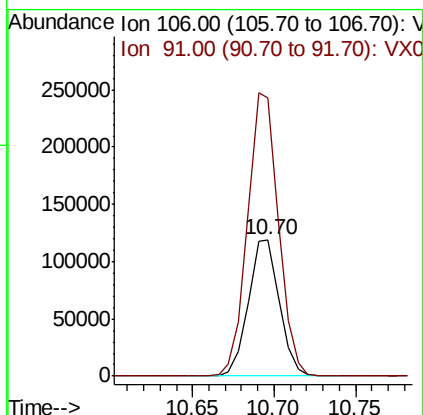
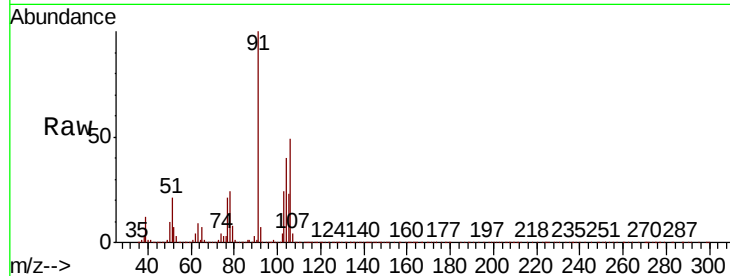




#69
o-Xylene
Concen: 19.977 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

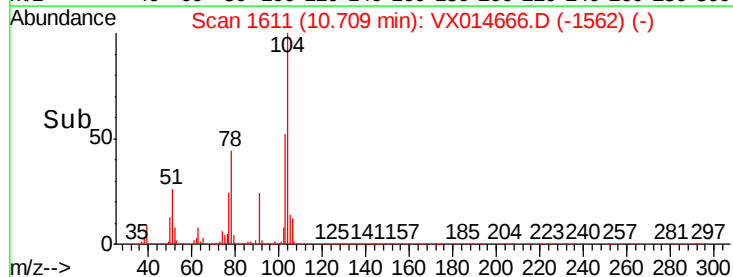
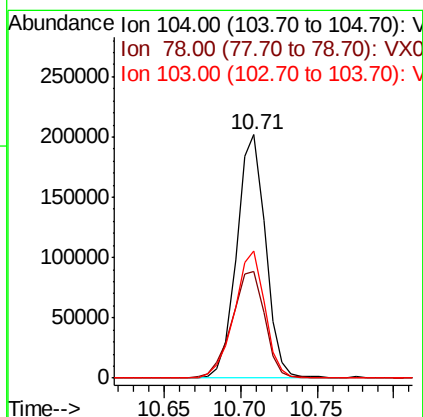
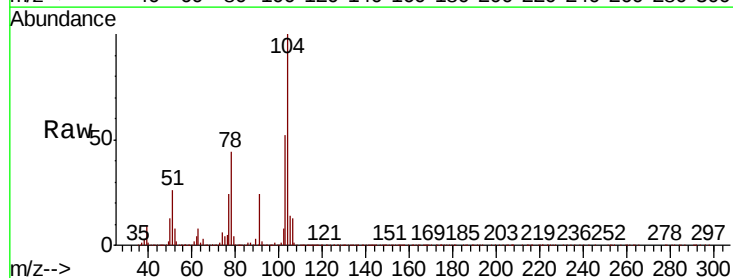
Instrument :
MSVOA_X
ClientSampleId :

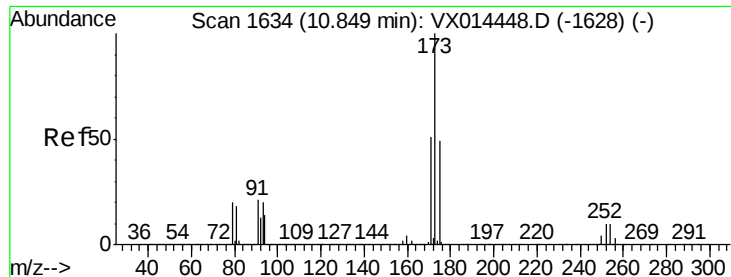
Tot Ion:106 Resp: 158285
Ion Ratio Lower Upper
106 100
91 207.5 105.1 315.1



#70
Styrene
Concen: 19.299 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion:104 Resp: 263882
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 55.6 43.7 65.5

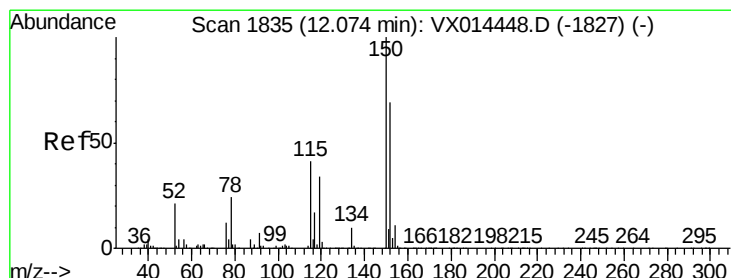
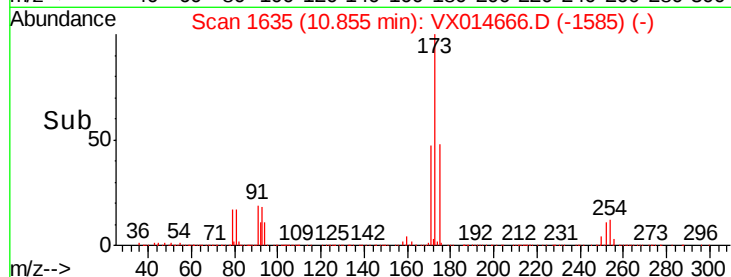
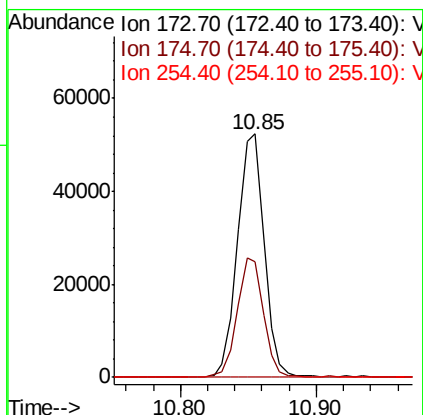
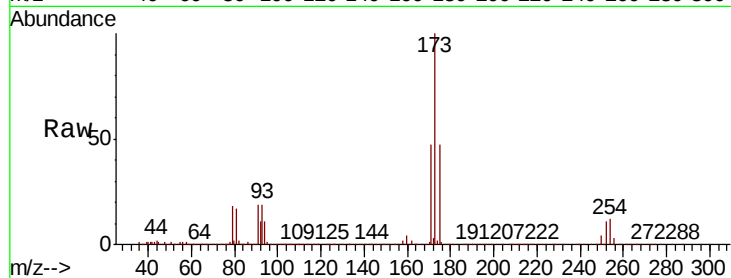




#71
Bromoform
Concen: 19.488 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

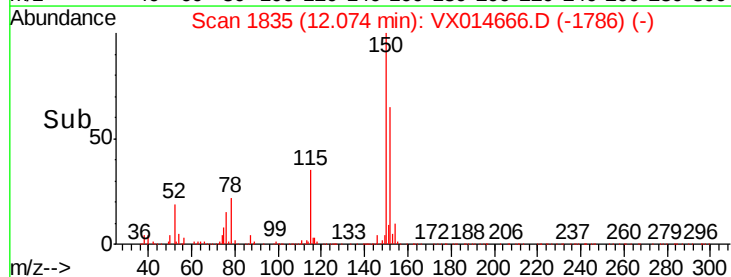
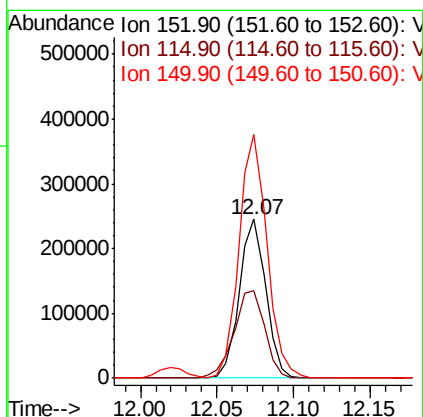
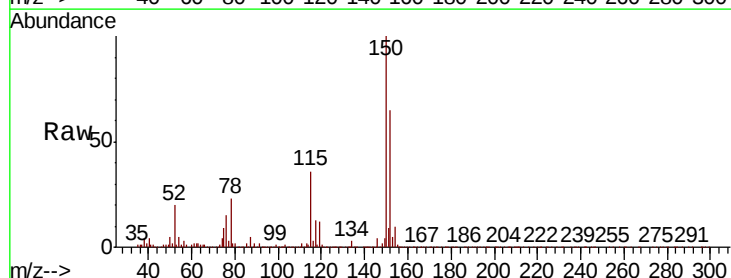
Instrument :
MSVOA_X
ClientSampleId :

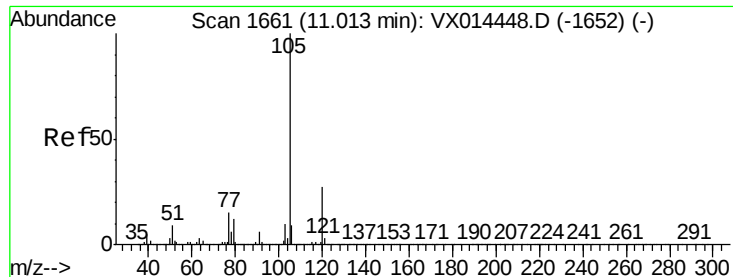
Tot Ion:173 Resp: 71859
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.4 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion:152 Resp: 293519
Ion Ratio Lower Upper
152 100
115 64.1 39.5 118.3
150 162.5 0.0 350.2





#73

Isopropylbenzene

Concen: 20.478 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

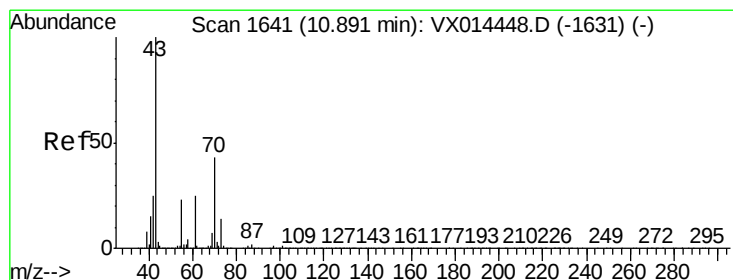
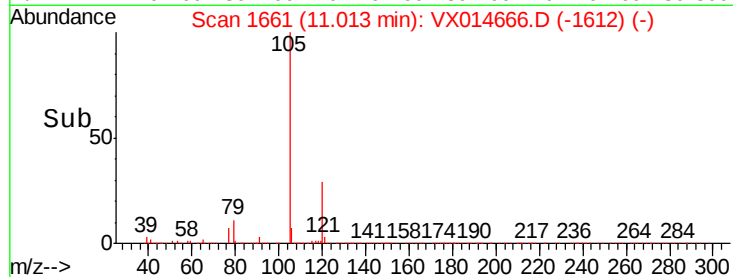
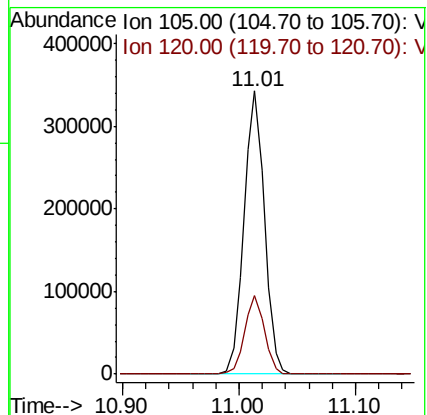
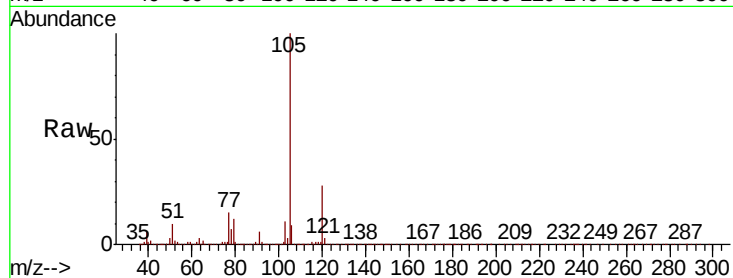
ClientSampleId :

Tot Ion:105 Resp: 422090

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 20.210 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion: 43 Resp: 183779

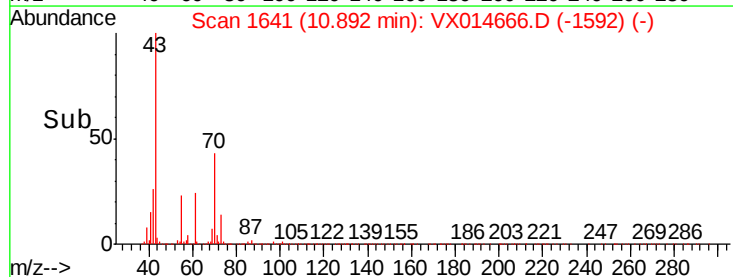
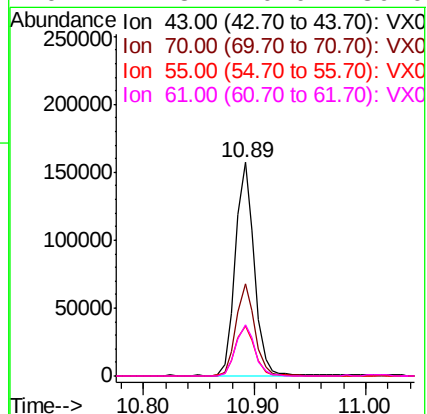
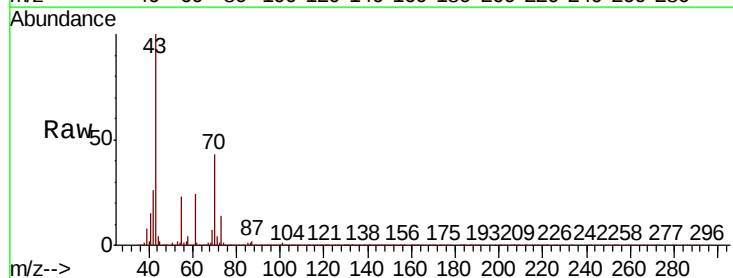
Ion Ratio Lower Upper

43 100

70 42.6 35.1 52.7

55 24.6 19.3 28.9

61 24.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.060 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

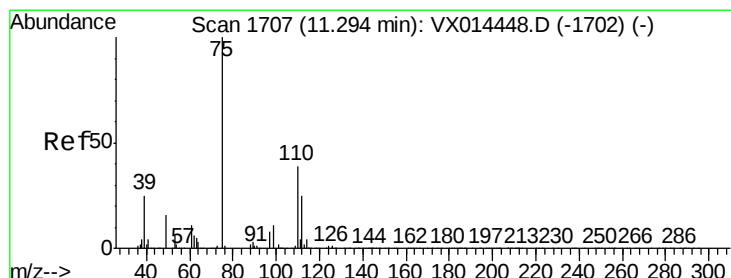
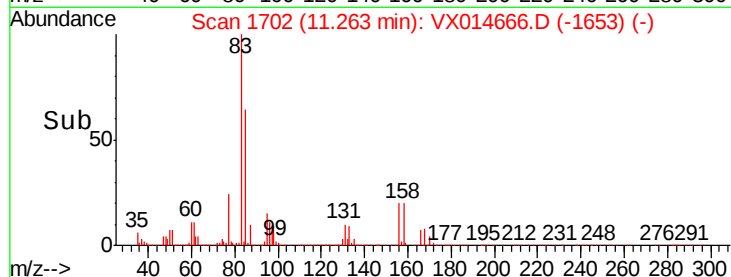
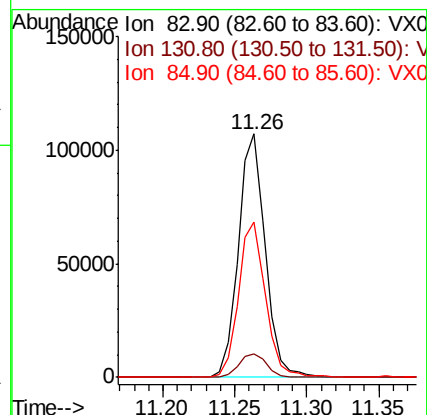
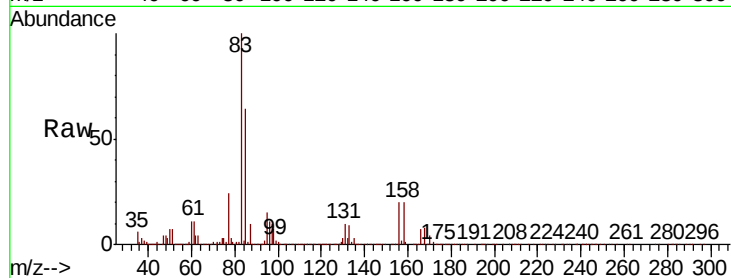
Tot Ion: 83 Resp: 139203

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

85 64.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 26.133 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014666.D

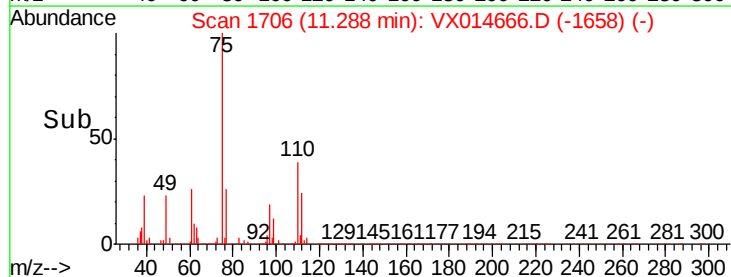
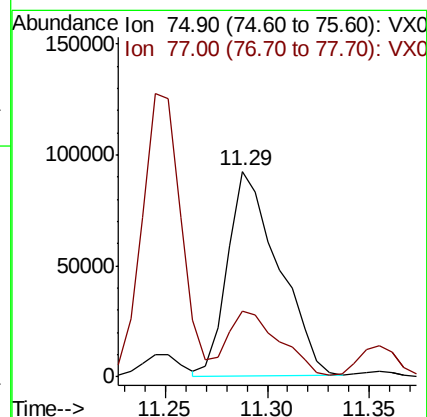
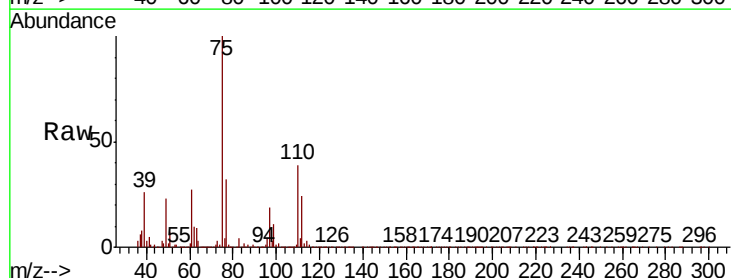
Acq: 20 Jan 2020 11:09

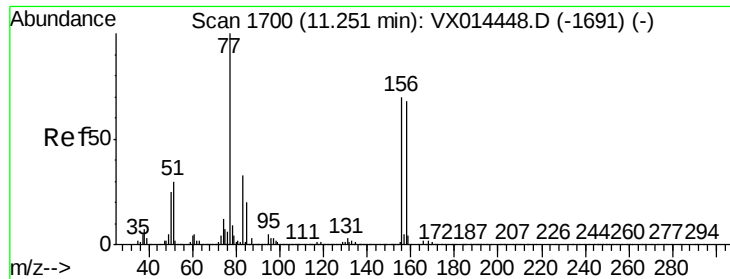
Tgt Ion: 75 Resp: 158704

Ion Ratio Lower Upper

75 100

77 33.2 21.9 65.7





#77

Bromobenzene

Concen: 18.894 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

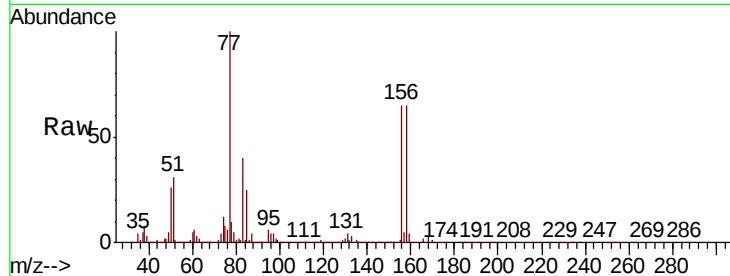
Tot Ion:156 Resp: 107997

Ion Ratio Lower Upper

156 100

77 156.3 75.4 226.3

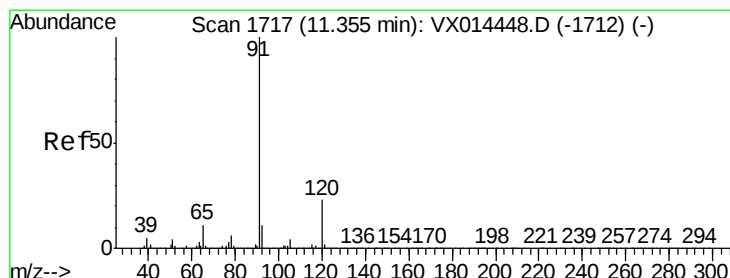
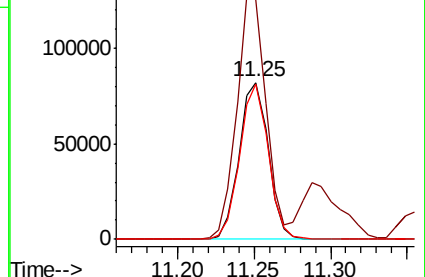
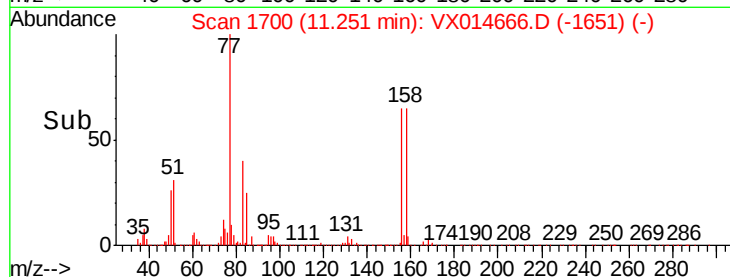
158 97.5 48.8 146.3



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



#78

n-propylbenzene

Concen: 20.149 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014666.D

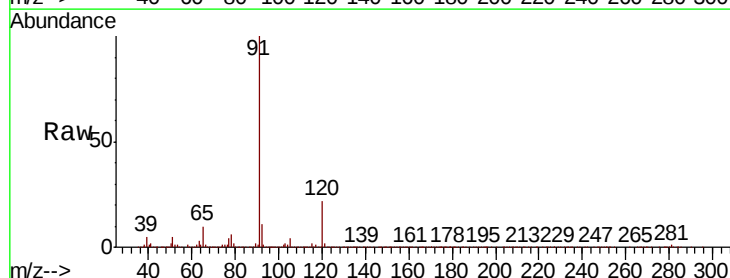
Acq: 20 Jan 2020 11:09

Tgt Ion: 91 Resp: 475627

Ion Ratio Lower Upper

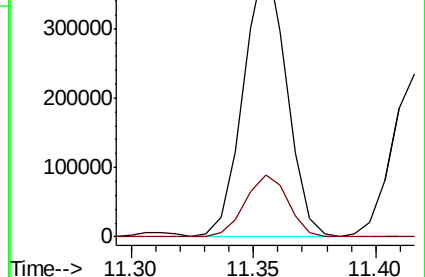
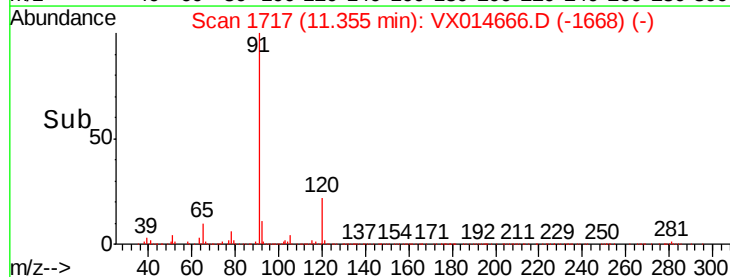
91 100

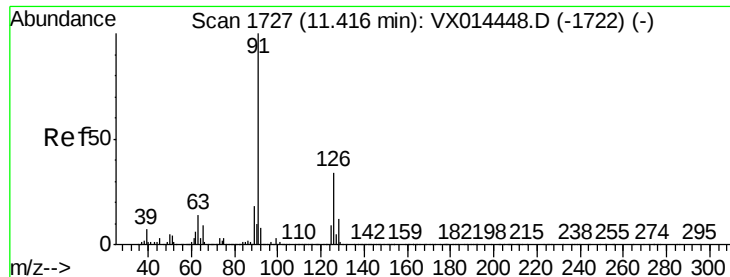
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

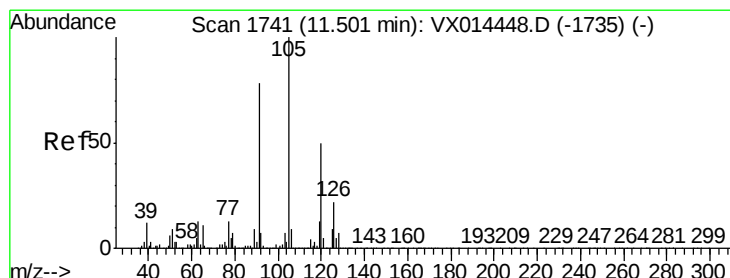
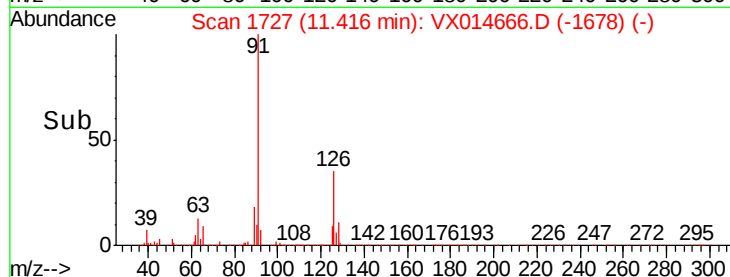
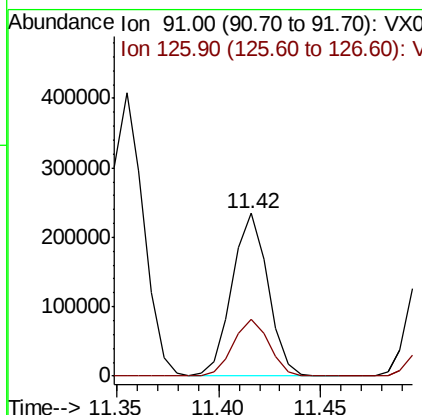
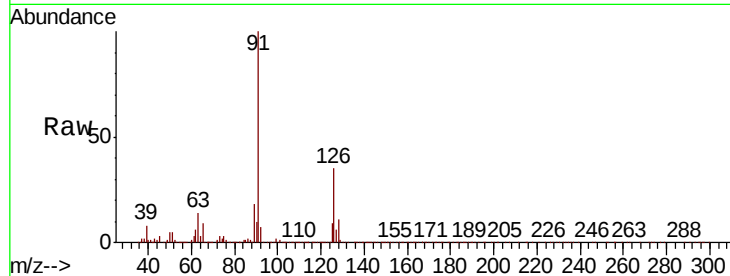




#79
2-Chlorotoluene
Concen: 20.270 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

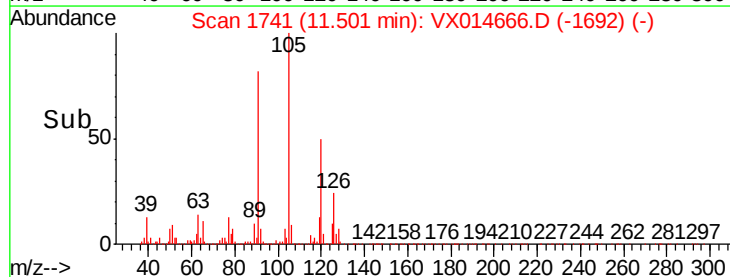
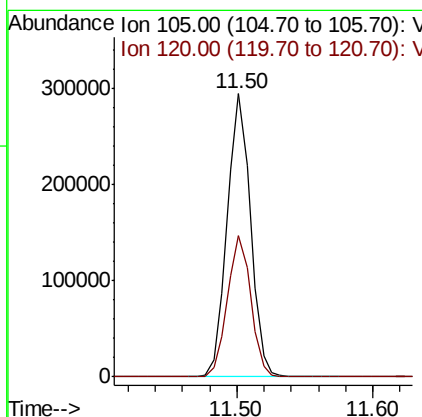
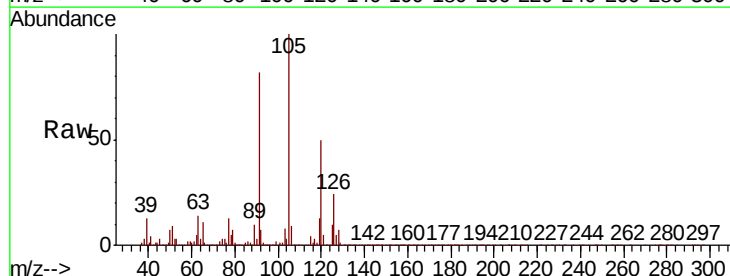
Instrument :
MSVOA_X
ClientSampleId :

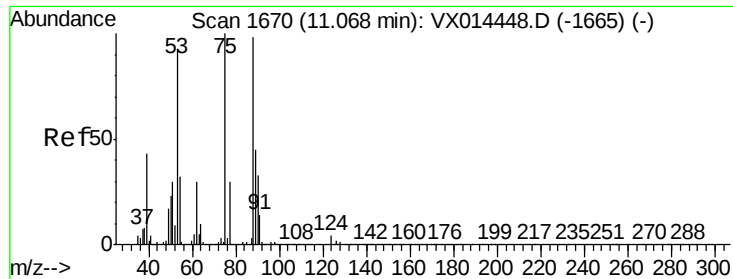
Tot Ion: 91 Resp: 285164
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.428 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 105 Resp: 349562
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6

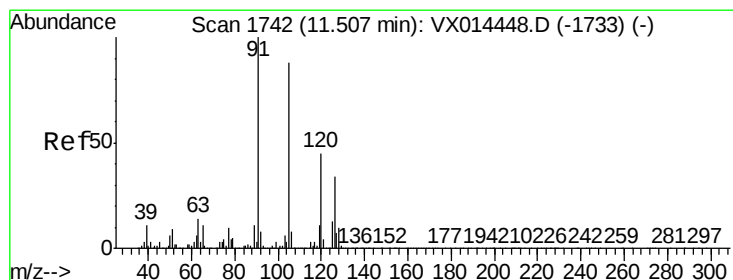
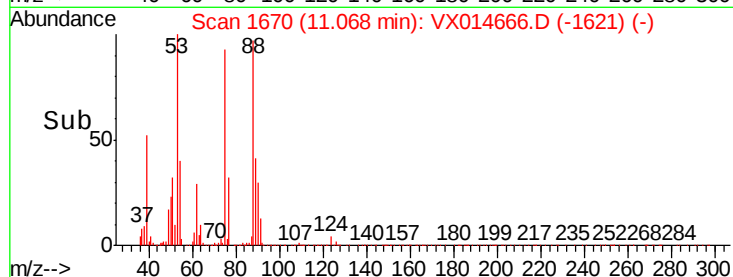
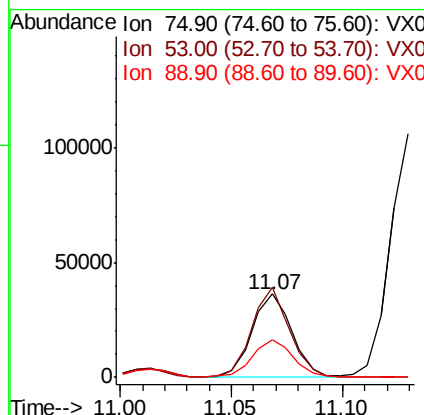
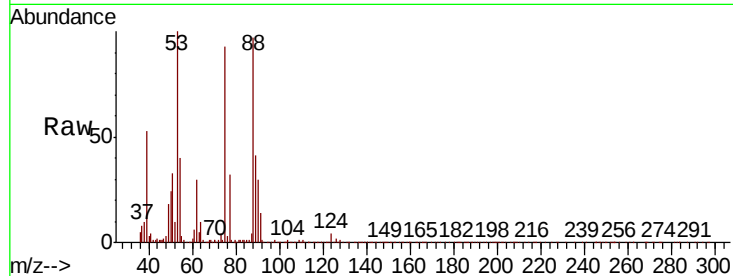




#81
trans-1,4-Dichloro-2-butene
Concen: 19.500 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

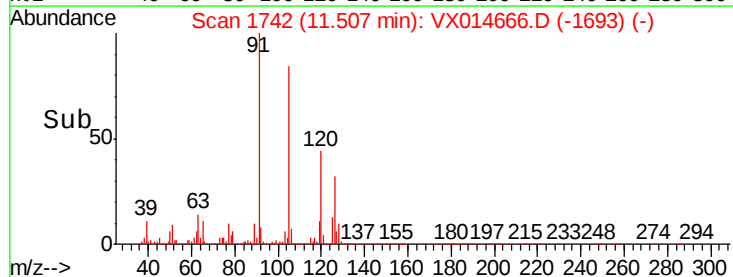
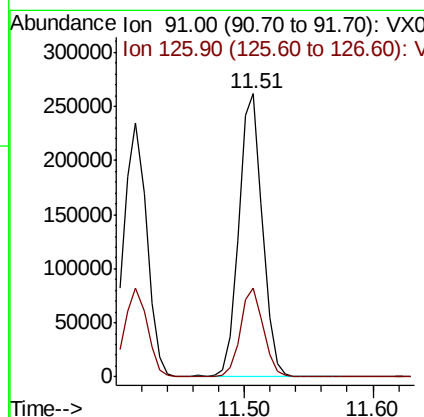
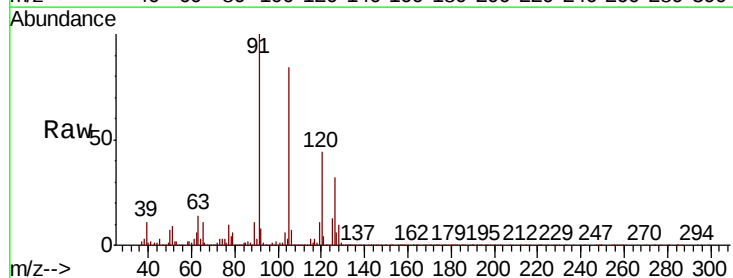
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 44792
Ion Ratio Lower Upper
75 100
53 104.7 74.8 112.2
89 47.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 20.051 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 91 Resp: 331113
Ion Ratio Lower Upper
91 100
126 30.5 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.615 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

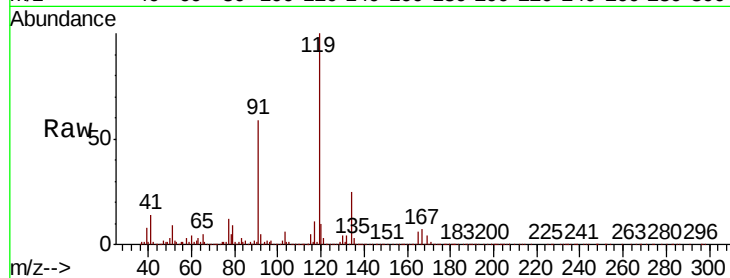
Tot Ion:119 Resp: 333322

Ion Ratio Lower Upper

119 100

91 56.7 29.3 88.0

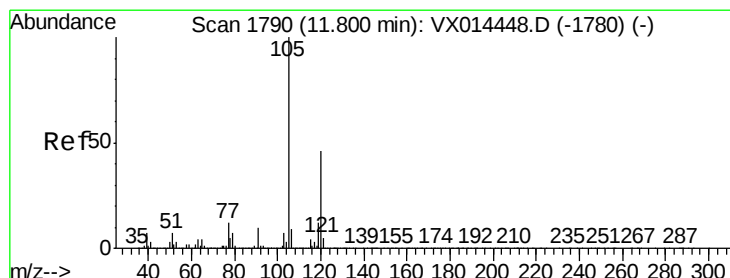
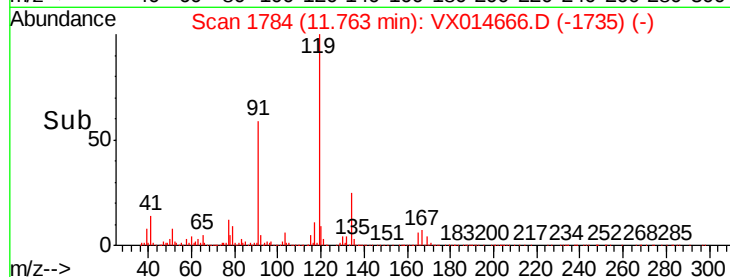
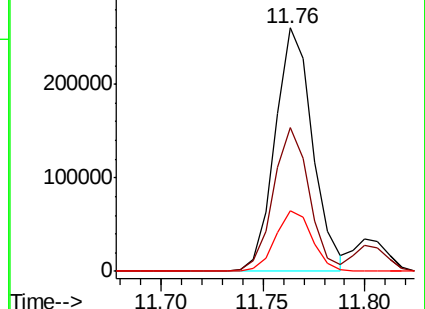
134 24.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.472 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014666.D

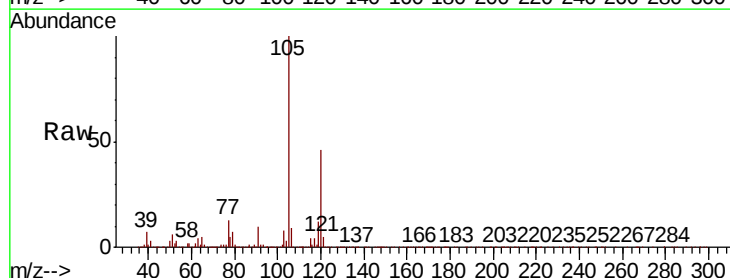
Acq: 20 Jan 2020 11:09

Tgt Ion:105 Resp: 353980

Ion Ratio Lower Upper

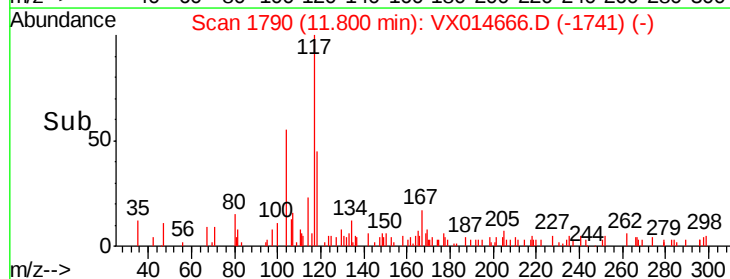
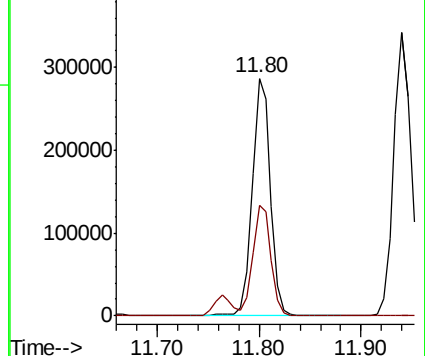
105 100

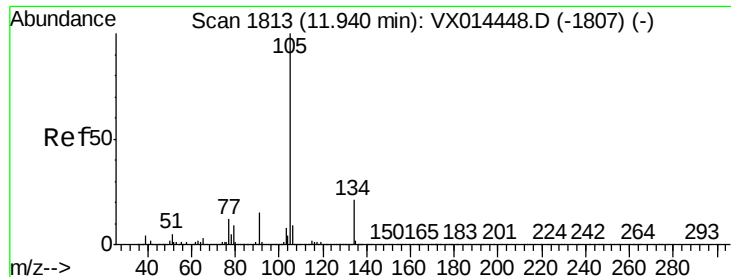
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.269 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

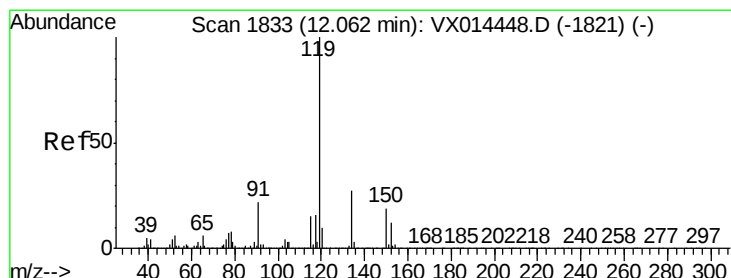
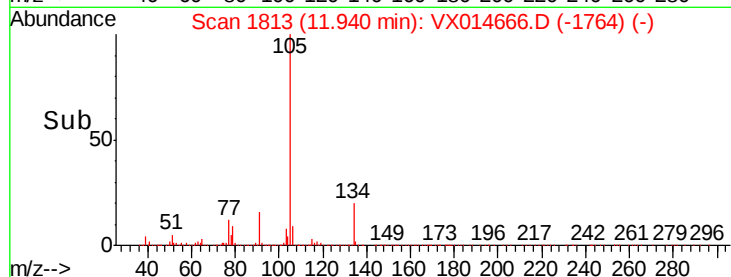
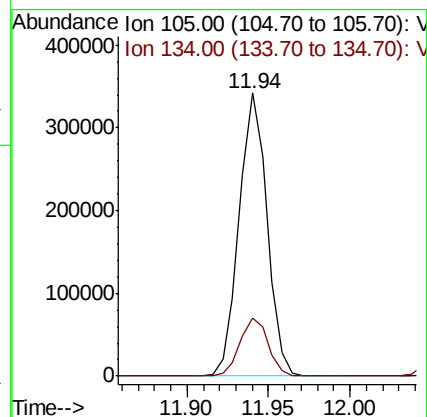
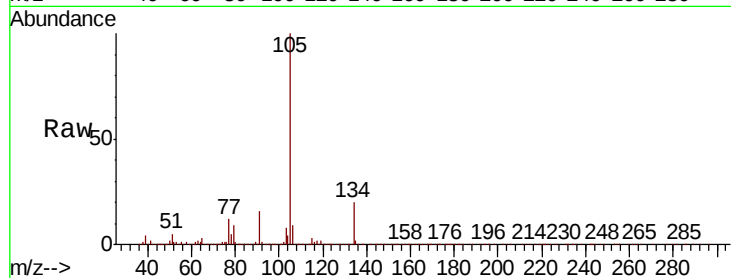
ClientSampleId :

Tot Ion:105 Resp: 407405

Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.031 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

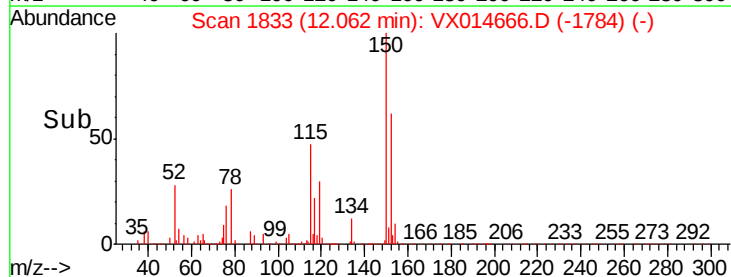
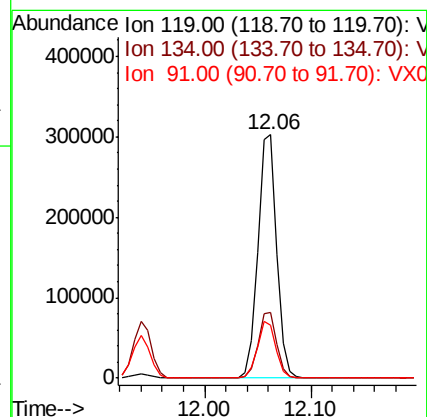
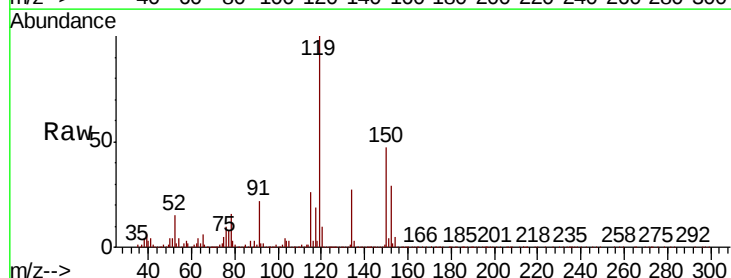
Tgt Ion:119 Resp: 373625

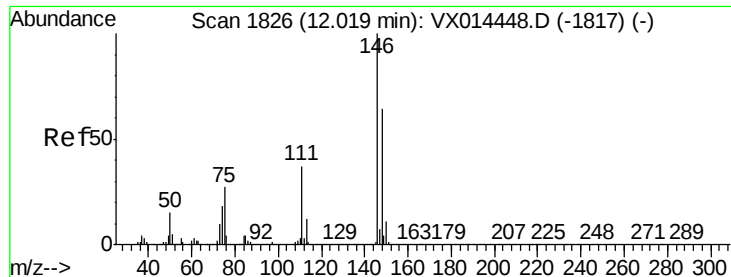
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.9 11.1 33.3

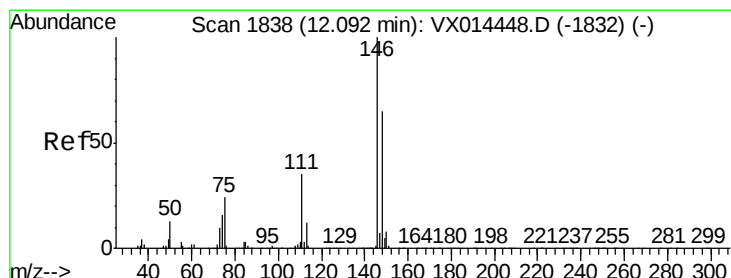
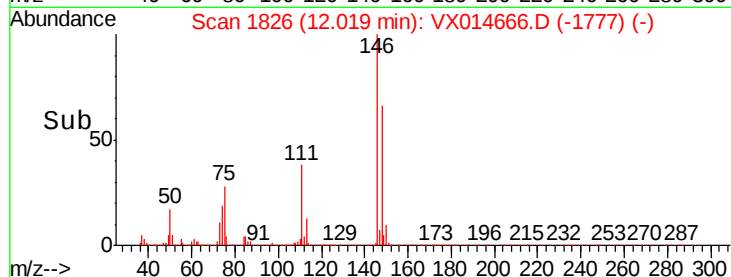
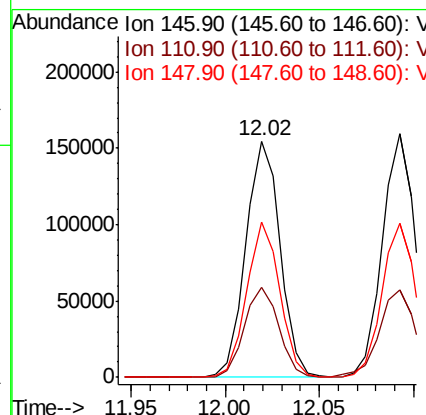
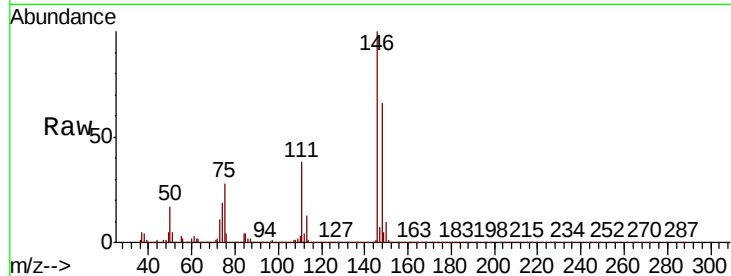




#87
 1,3-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

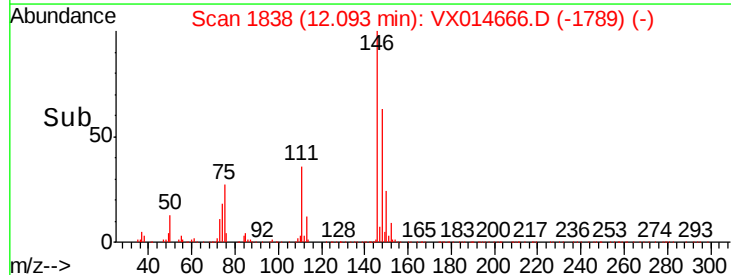
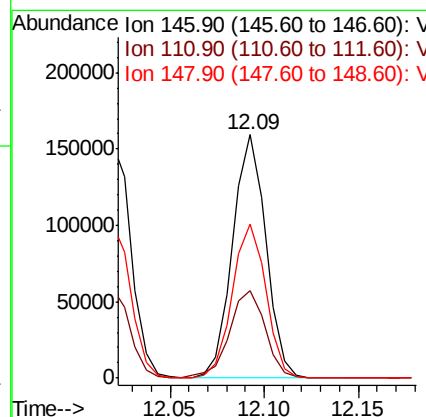
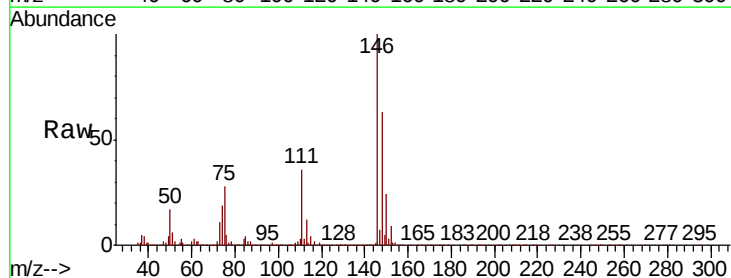
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.8	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.890 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.1	54.1
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 18.803 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

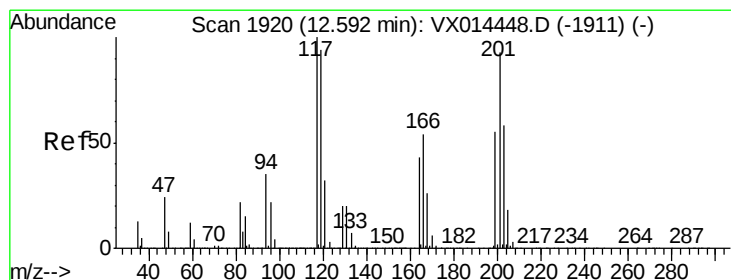
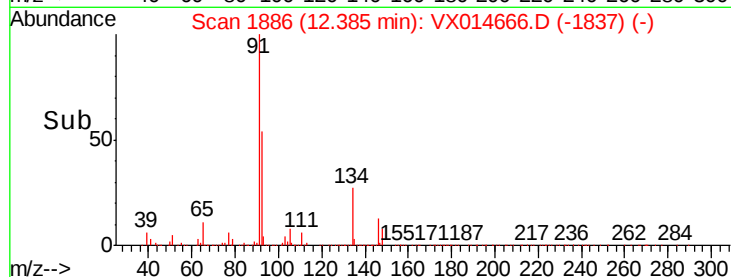
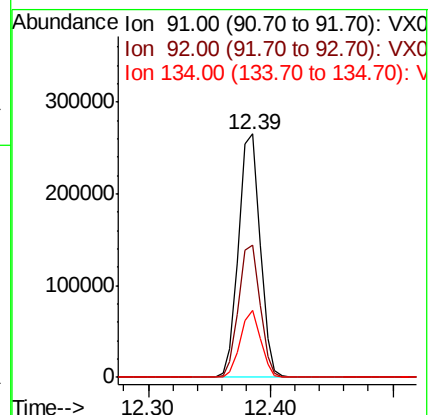
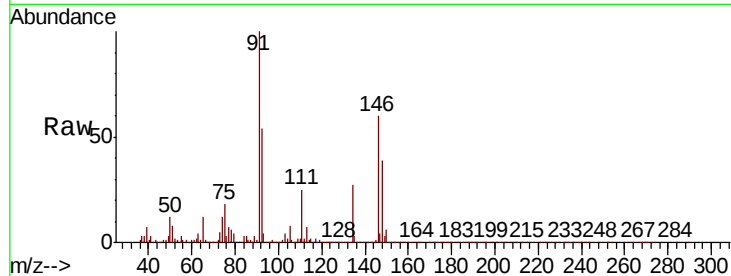
Tot Ion: 91 Resp: 320662

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 26.2 13.9 41.7



#90

Hexachloroethane

Concen: 19.483 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014666.D

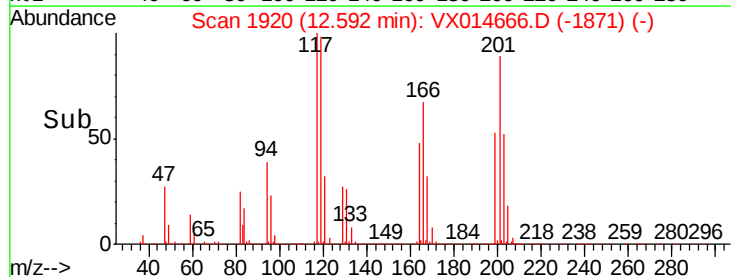
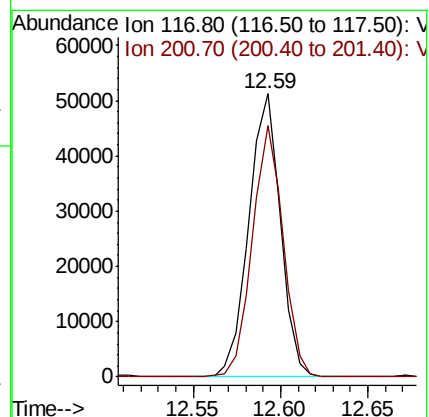
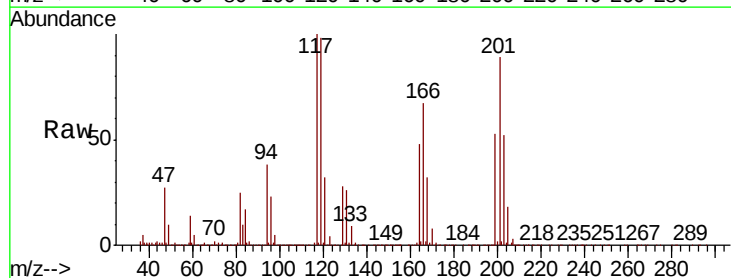
Acq: 20 Jan 2020 11:09

Tgt Ion: 117 Resp: 63833

Ion Ratio Lower Upper

117 100

201 86.8 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.105 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

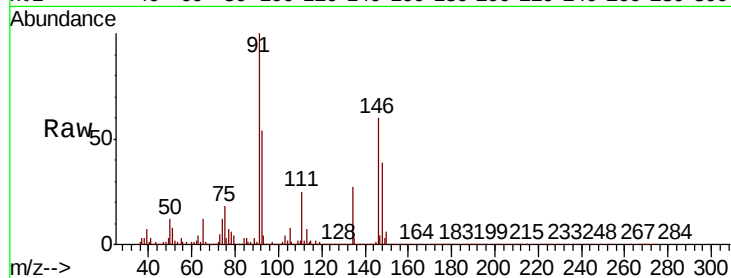
Tot Ion:146 Resp: 192015

Ion Ratio Lower Upper

146 100

111 41.0 19.8 59.4

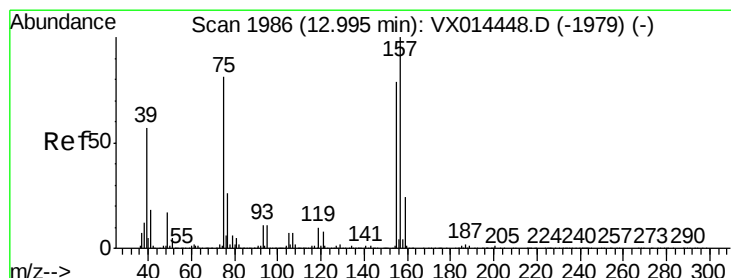
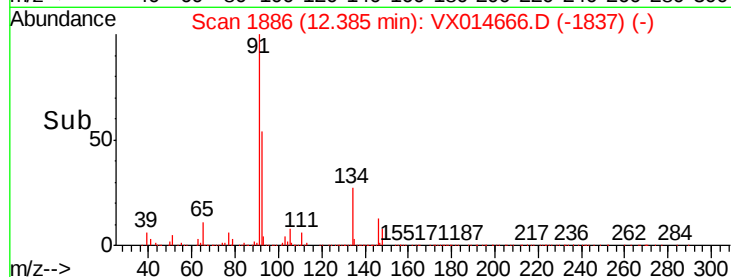
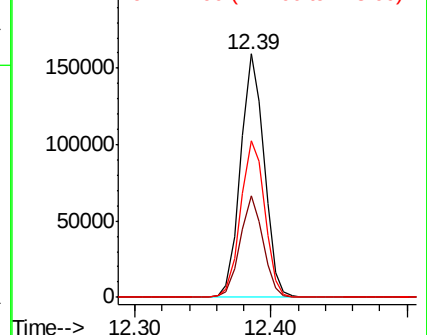
148 66.0 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.938 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

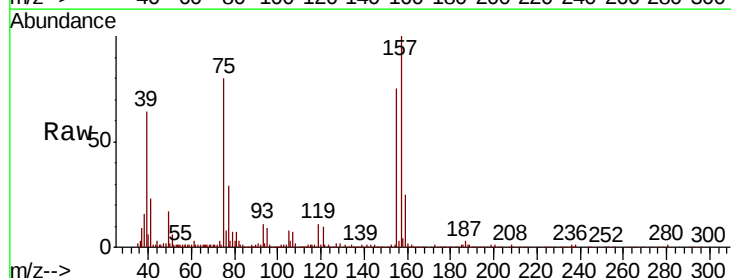
Tgt Ion: 75 Resp: 28158

Ion Ratio Lower Upper

75 100

155 96.4 48.7 146.1

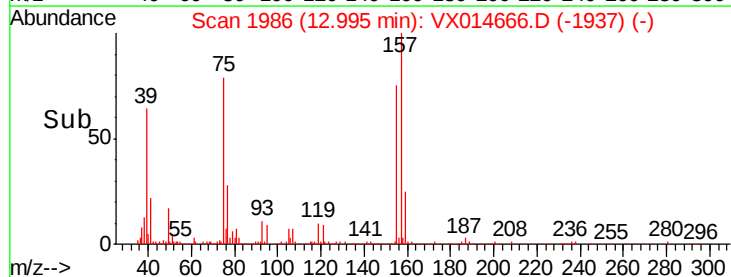
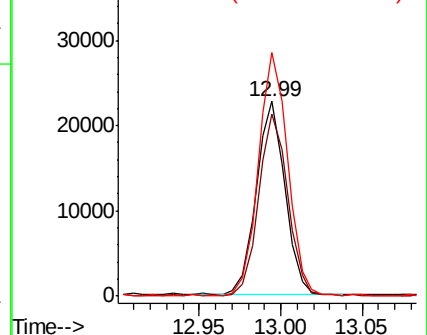
157 127.9 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

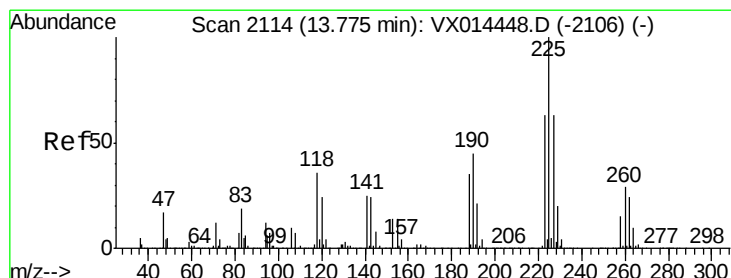
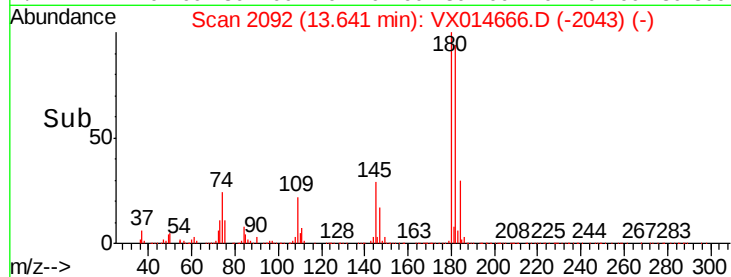
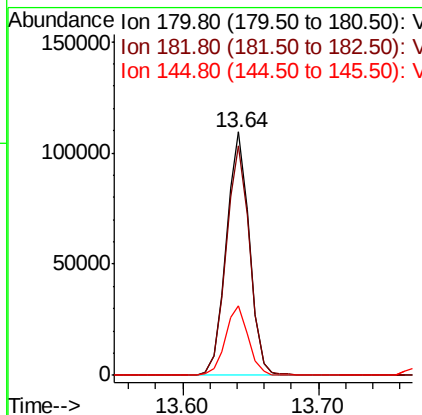
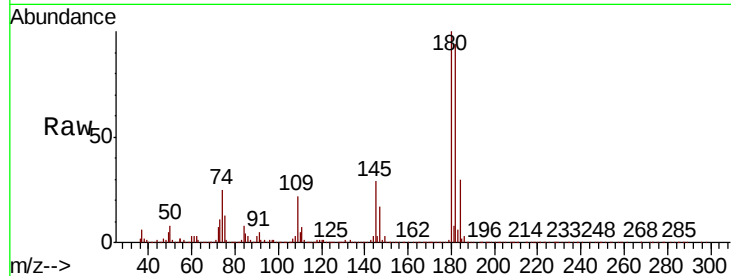




#93
 1,2,4-Trichlorobenzene
 Concen: 18.076 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

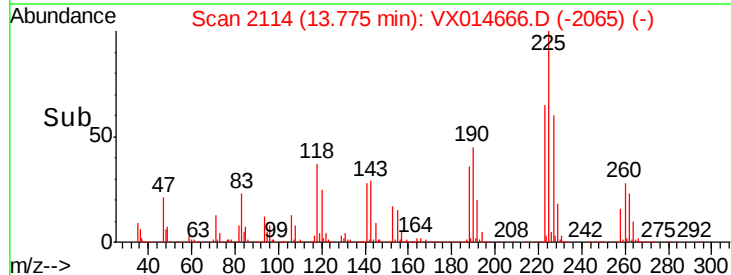
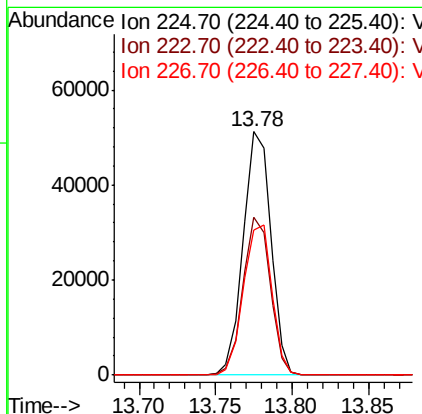
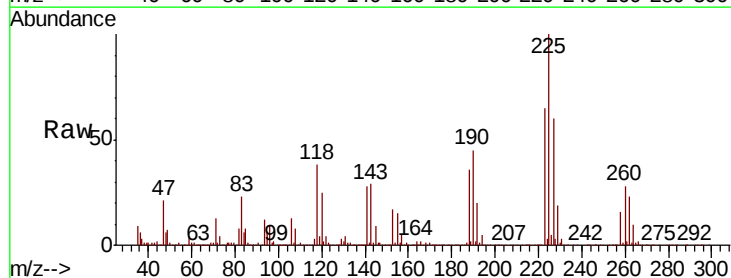
Instrument :
 MSVOA_X
 ClientSampled :

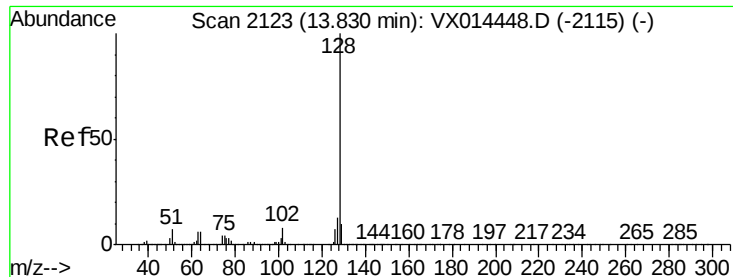
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.5
145	28.5	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.632 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.2
227	63.3	31.4	94.2

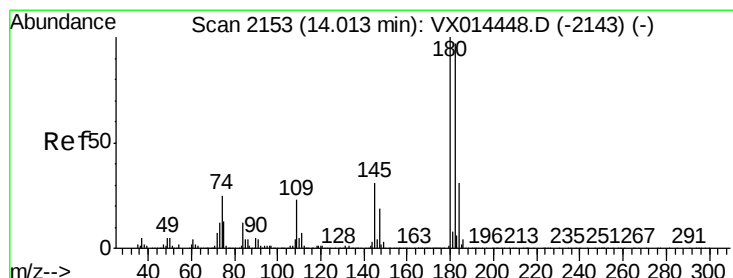
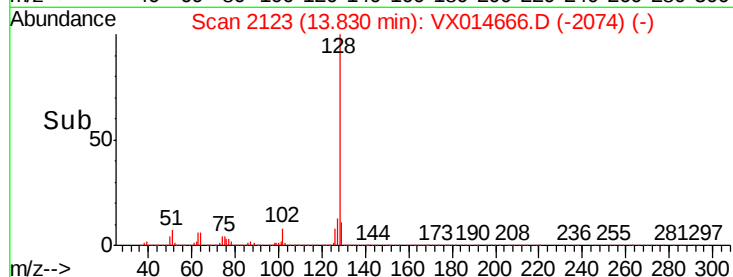
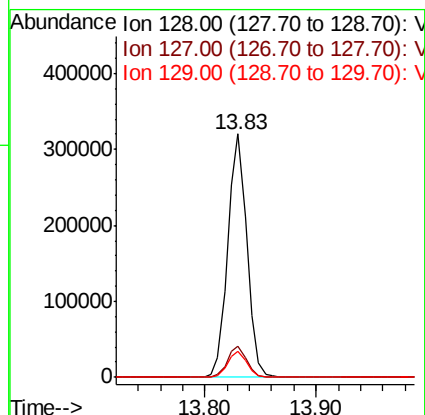
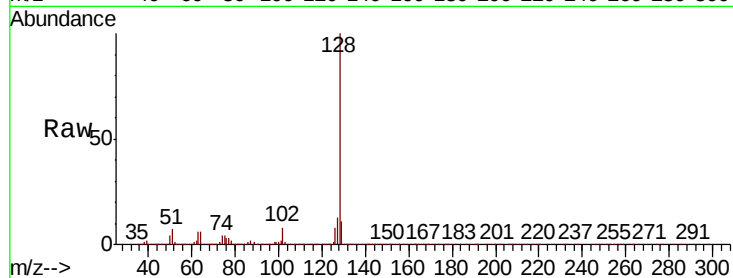




#95
Naphthalene
Concen: 17.392 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 380789
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.027 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion:180 Resp: 132877
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 29.4 14.8 44.3

