

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011720\
 Data File : VX014648.D
 Acq On : 17 Jan 2020 12:38
 Operator : JC/SP
 Sample : VX0117WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 05:05:58 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	437606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	656848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	592426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	248486	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
35) Dibromofluoromethane	5.48	113	201476	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	8.71	98	775469	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	276584	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	100369	18.633	ug/l	98
3) Chloromethane	1.32	50	106549	19.101	ug/l	98
4) Vinyl Chloride	1.40	62	119631	19.246	ug/l	98
5) Bromomethane	1.63	94	70966	17.224	ug/l	95
6) Chloroethane	1.72	64	66102	18.710	ug/l	98
7) Trichlorofluoromethane	1.92	101	134248	19.039	ug/l	99
8) Diethyl Ether	2.18	74	61378	19.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82812	19.305	ug/l	98
10) Methyl Iodide	2.50	142	98918	19.257	ug/l	98
11) Tert butyl alcohol	3.02	59	103260	101.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78123	18.076	ug/l	98
13) Acrolein	2.28	56	57279	70.060	ug/l	96
14) Allyl chloride	2.72	41	142188	18.738	ug/l	98
15) Acrylonitrile	3.12	53	247449	100.514	ug/l	99
16) Acetone	2.43	43	209454	82.715	ug/l	100
17) Carbon Disulfide	2.56	76	201057	16.672	ug/l	99
18) Methyl Acetate	2.76	43	154477	22.001	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	275394	19.849	ug/l	99
20) Methylene Chloride	2.84	84	92543	18.831	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	83841	17.769	ug/l	94
22) Diisopropyl ether	3.84	45	304619	20.773	ug/l	94
23) Vinyl Acetate	3.80	43	1149137	101.216	ug/l	100
24) 1,1-Dichloroethane	3.69	63	158992	19.931	ug/l	99
25) 2-Butanone	4.65	43	343438	94.116	ug/l	99
26) 2,2-Dichloropropane	4.57	77	125161	18.521	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	99764	18.914	ug/l	98
28) Bromochloromethane	5.00	49	64033	19.050	ug/l	99
29) Tetrahydrofuran	5.11	42	226765	105.106	ug/l	97
30) Chloroform	5.20	83	157151	20.160	ug/l	98
31) Cyclohexane	5.57	56	143793	19.258	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	126860	19.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115628	18.719	ug/l	99
37) Ethyl Acetate	4.81	43	136189	20.298	ug/l	99
38) Carbon Tetrachloride	5.77	117	109078	19.189	ug/l	98

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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)
39) Methylcyclohexane	7.45	83	144126	18.572	ug/l	96
40) Benzene	6.13	78	358115	19.534	ug/l	100
41) Methacrylonitrile	5.02	41	73813	20.629	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128426	20.035	ug/l	99
43) Isopropyl Acetate	6.43	43	222295	20.509	ug/l	98
44) Trichloroethene	7.20	130	99786	18.940	ug/l	100
45) 1,2-Dichloropropane	7.50	63	95479	20.427	ug/l	100
46) Dibromomethane	7.65	93	60950	18.683	ug/l	98
47) Bromodichloromethane	7.89	83	116836	19.682	ug/l	96
48) Methyl methacrylate	7.76	41	105329	20.290	ug/l	98
49) 1,4-Dioxane	7.73	88	46328	421.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	687376	104.071	ug/l	98
52) Toluene	8.78	92	225571	19.221	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	127746	18.484	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	145005	19.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	93094	19.749	ug/l	98
56) Ethyl methacrylate	9.17	69	143301	19.843	ug/l	98
57) 1,3-Dichloropropane	9.36	76	160965	20.423	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	240794	97.998	ug/l	99
59) 2-Hexanone	9.48	43	518441	99.203	ug/l	100
60) Dibromochloromethane	9.57	129	94332	19.910	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97352	19.496	ug/l	98
64) Tetrachloroethene	9.33	164	110016	18.529	ug/l	98
65) Chlorobenzene	10.13	112	245433	19.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90059	19.629	ug/l	99
67) Ethyl Benzene	10.25	91	423081	19.307	ug/l	99
68) m/p-Xylenes	10.35	106	324097	38.336	ug/l	98
69) o-Xylene	10.69	106	156343	19.382	ug/l	99
70) Styrene	10.71	104	262710	18.872	ug/l	99
71) Bromoform	10.85	173	68846	18.340	ug/l #	98
73) Isopropylbenzene	11.01	105	415736	19.730	ug/l	99
74) N-amyl acetate	10.89	43	180469	19.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	139986	20.716	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	158450	25.522	ug/l	82
77) Bromobenzene	11.25	156	110124	18.846	ug/l	98
78) n-propylbenzene	11.35	91	471577	19.542	ug/l	100
79) 2-Chlorotoluene	11.42	91	283514	19.713	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	353147	20.187	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42698	18.183	ug/l	89
82) 4-Chlorotoluene	11.51	91	322862	19.125	ug/l	98
83) tert-Butylbenzene	11.76	119	322805	19.529	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351252	19.871	ug/l	99
85) sec-Butylbenzene	11.94	105	400794	19.505	ug/l	99
86) p-Isopropyltoluene	12.06	119	370853	19.449	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190063	18.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194805	19.414	ug/l	99
89) n-Butylbenzene	12.38	91	315607	18.103	ug/l	99
90) Hexachloroethane	12.59	117	61967	18.501	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	192131	18.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29527	19.426	ug/l	95

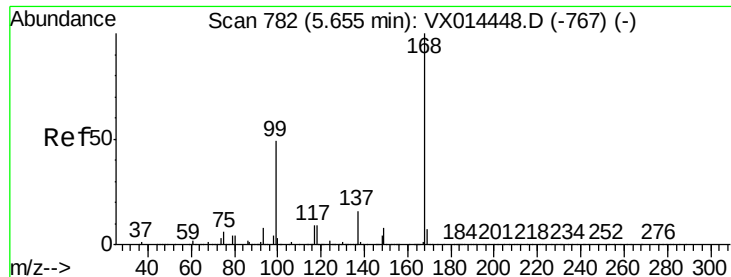
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011720\
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131325	18.140	ug/l	98
94) Hexachlorobutadiene	13.77	225	65660	19.479	ug/l	99
95) Naphthalene	13.83	128	384819	17.193	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	131623	18.428	ug/l	100

(#) = 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: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

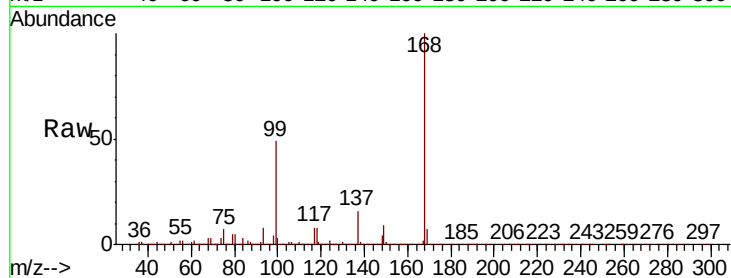
ClientSampleId :

Tot Ion:168 Resp: 437606

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

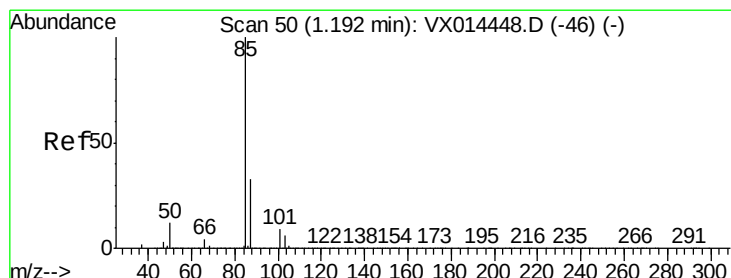
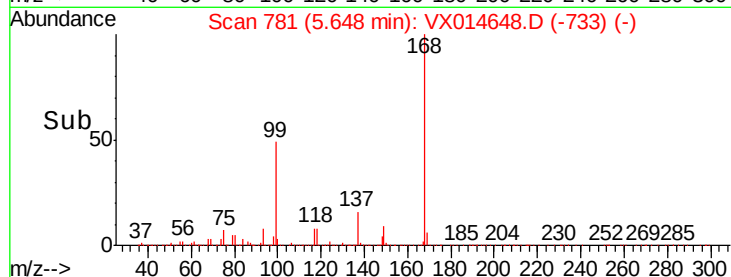
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.633 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014648.D

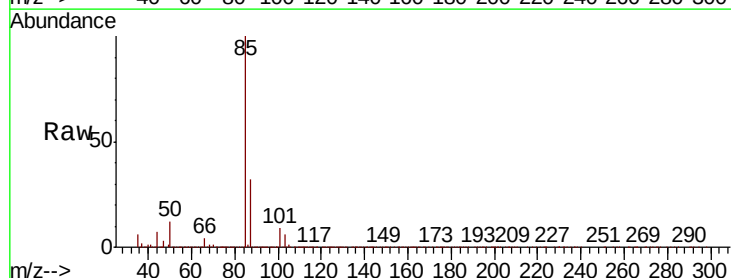
Acq: 17 Jan 2020 12:38

Tgt Ion: 85 Resp: 100369

Ion Ratio Lower Upper

85 100

87 32.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

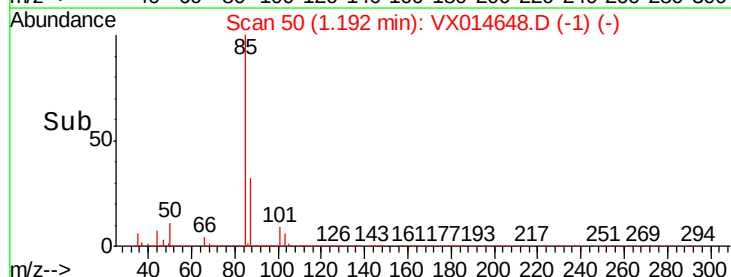
40000

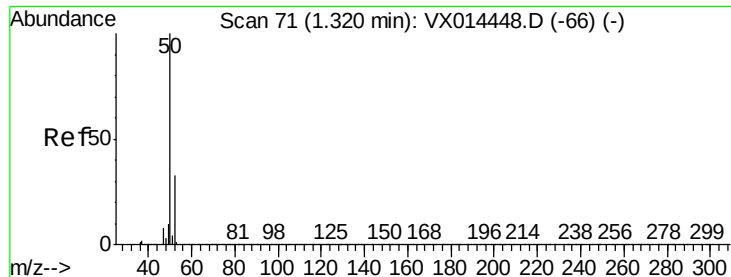
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Time-->

1.10 1.15 1.20 1.25 1.30

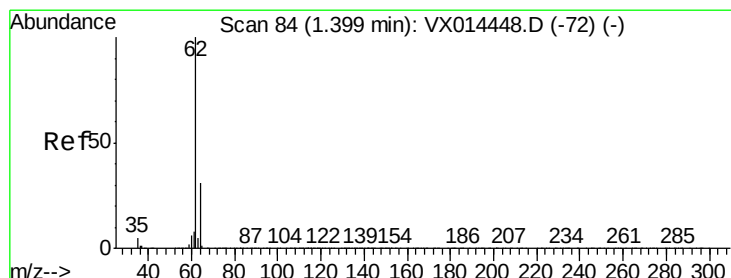
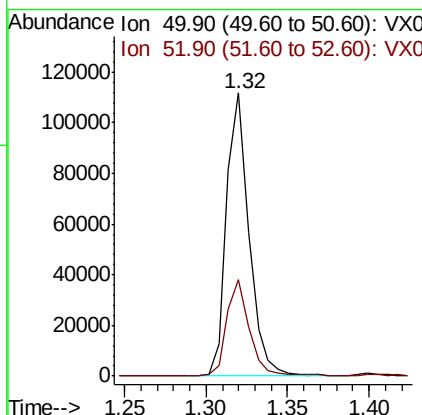
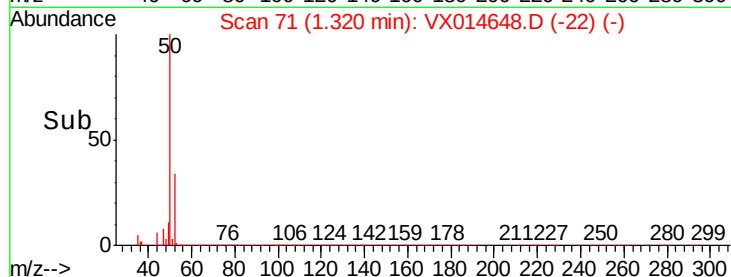
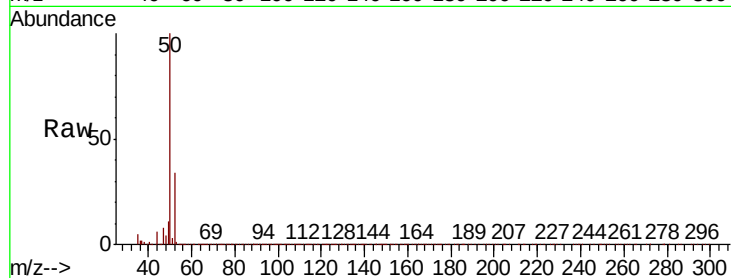




#3
Chloromethane
Concen: 19.101 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

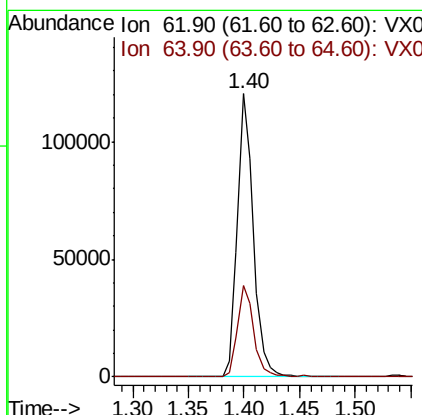
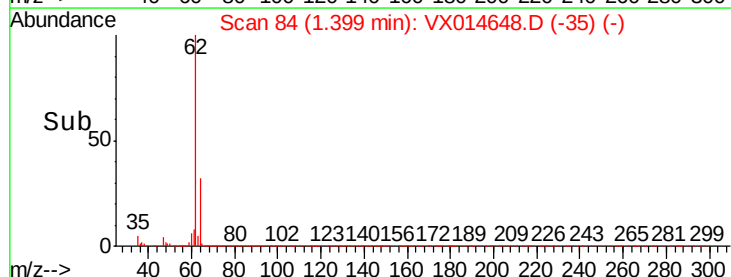
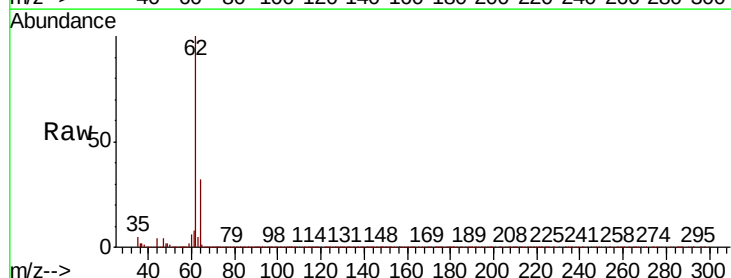
Instrument :
MSVOA_X
ClientSampleId :

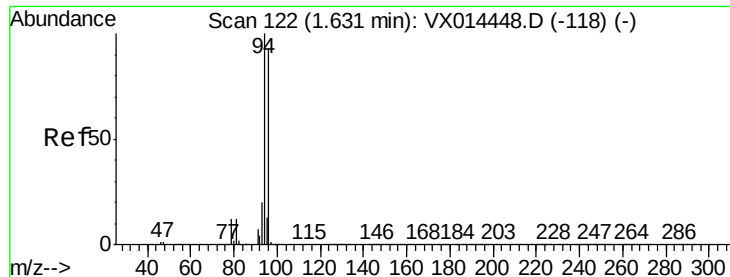
Tot Ion: 50 Resp: 106549
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 19.246 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 62 Resp: 119631
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0





#5

Bromomethane

Concen: 17.224 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

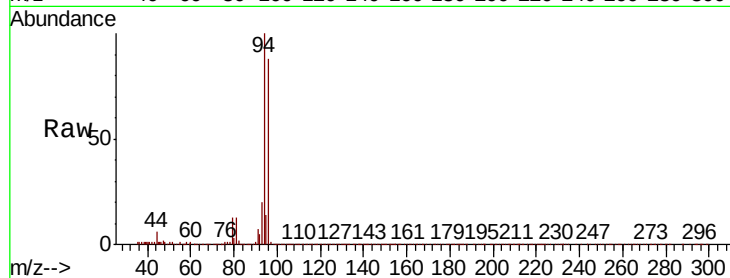
ClientSampleId :

Tot Ion: 94 Resp: 70966

Ion Ratio Lower Upper

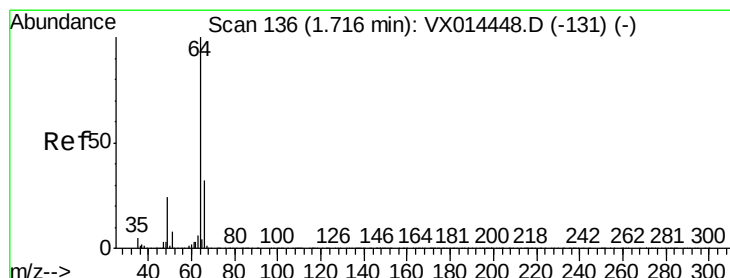
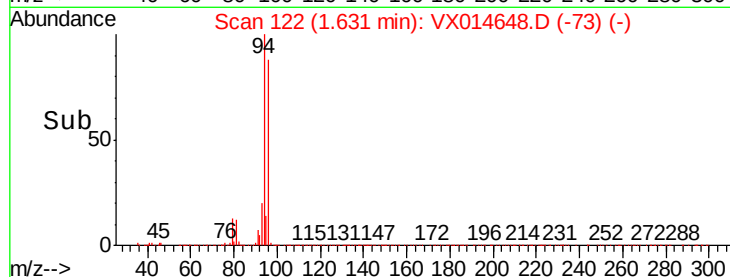
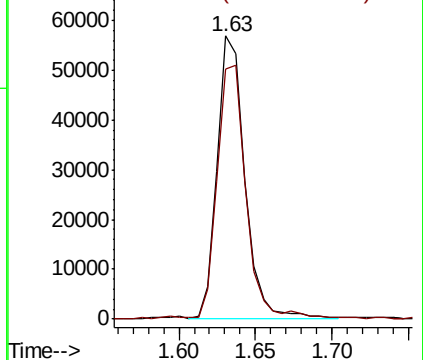
94 100

96 88.1 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014648.D

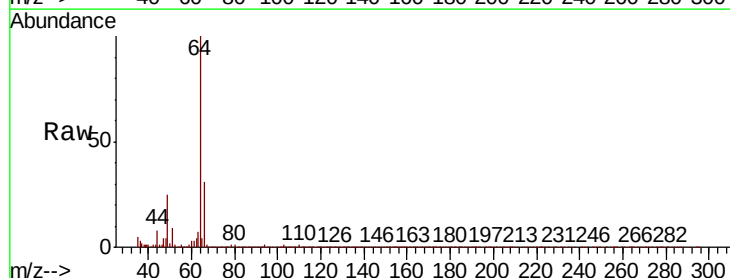
Acq: 17 Jan 2020 12:38

Tgt Ion: 64 Resp: 66102

Ion Ratio Lower Upper

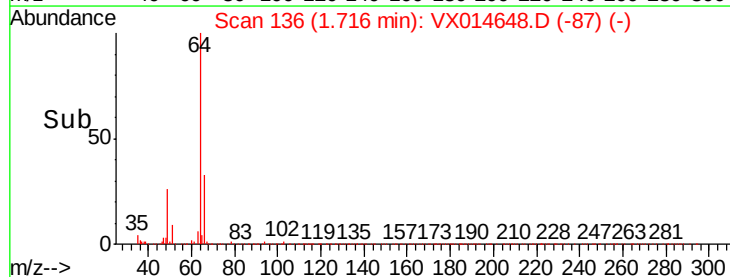
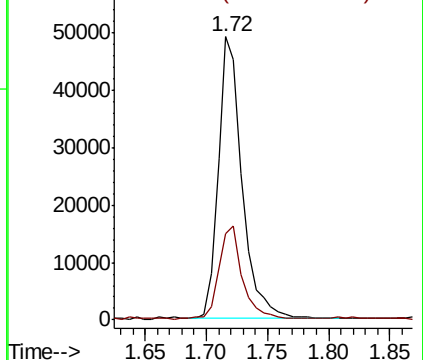
64 100

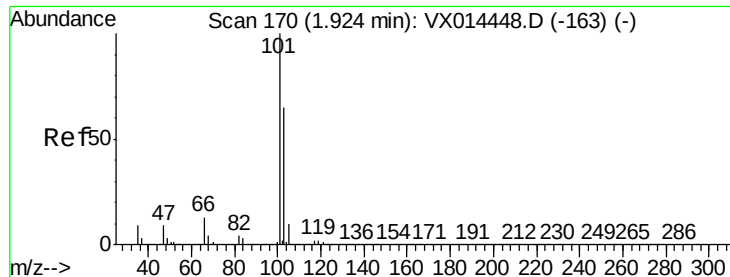
66 30.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



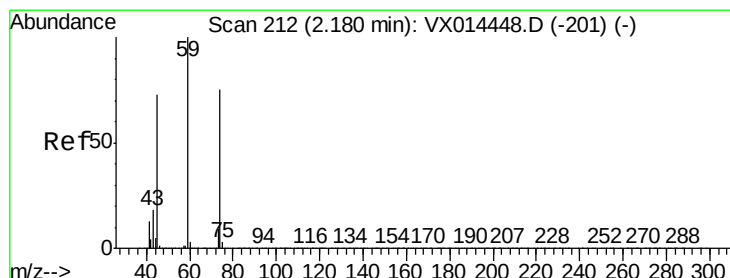
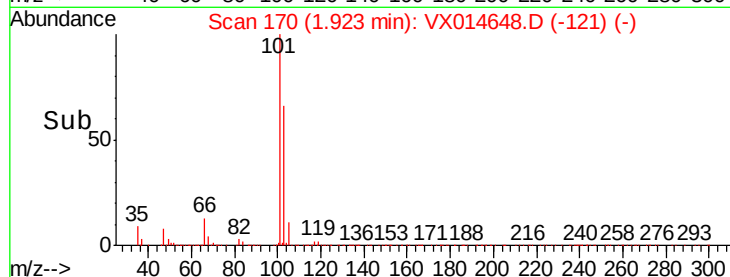
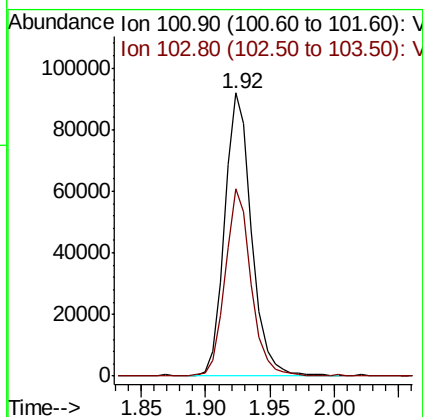
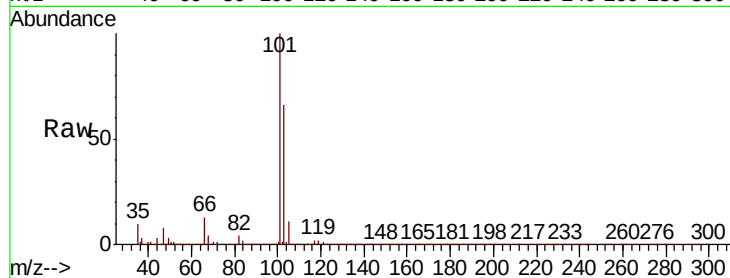


#7

Trichlorofluoromethane
 Concen: 19.039 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampled :

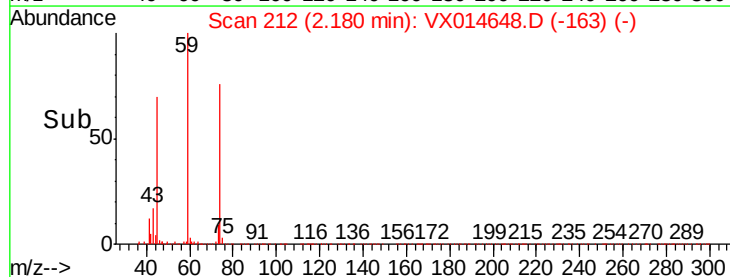
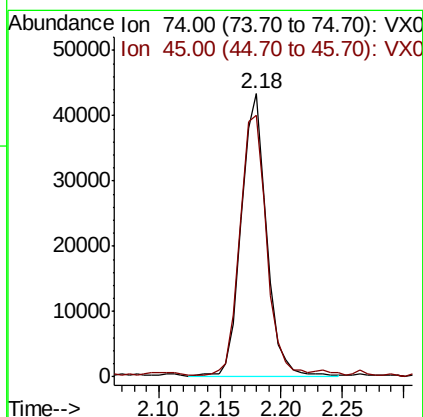
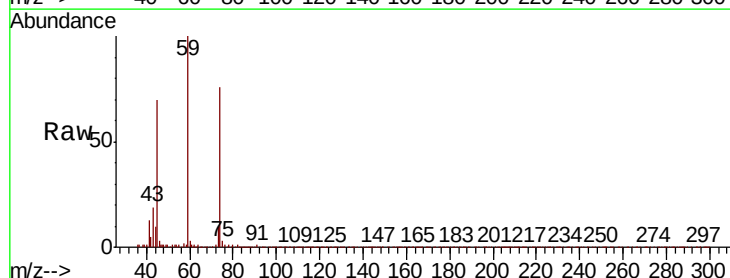
Tot Ion:101 Resp: 134248
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4

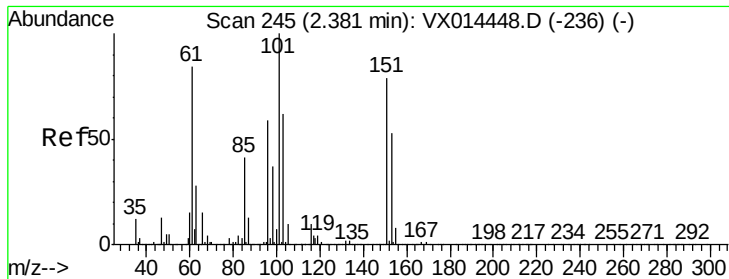


#8

Diethyl Ether
 Concen: 19.080 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion: 74 Resp: 61378
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.305 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampled :

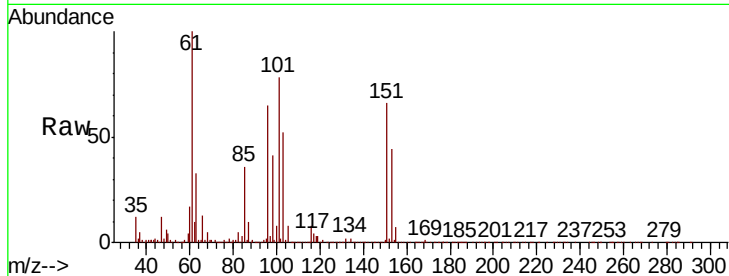
Tot Ion:101 Resp: 82812

Ion Ratio Lower Upper

101 100

85 41.0 33.8 50.8

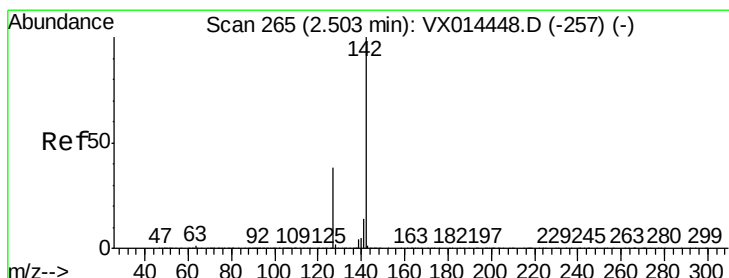
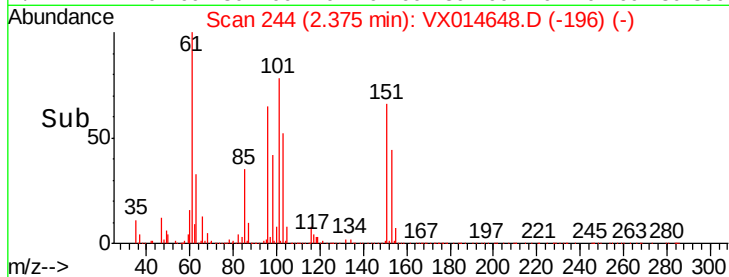
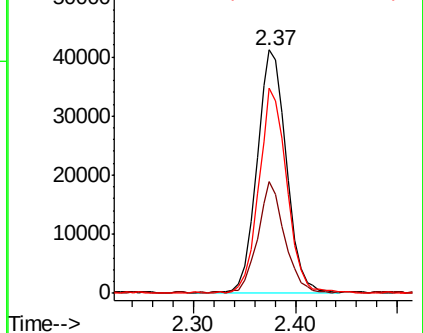
151 79.5 65.3 97.9



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: 19.257 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

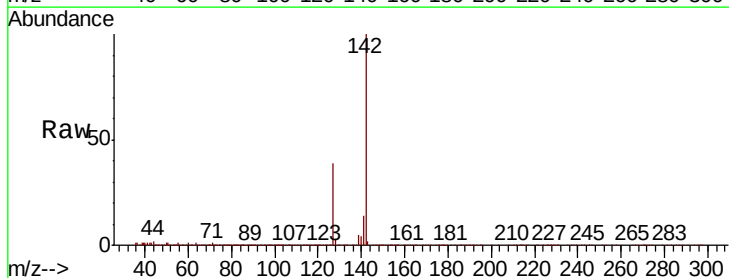
Tgt Ion:142 Resp: 98918

Ion Ratio Lower Upper

142 100

127 40.3 31.2 46.8

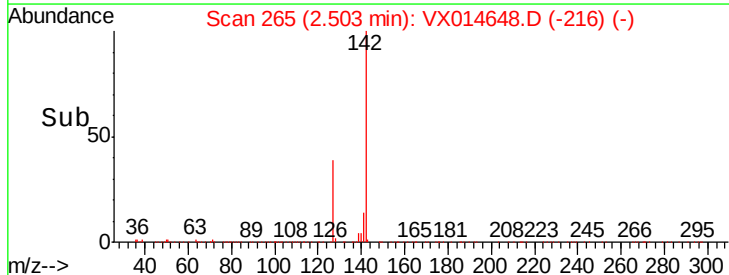
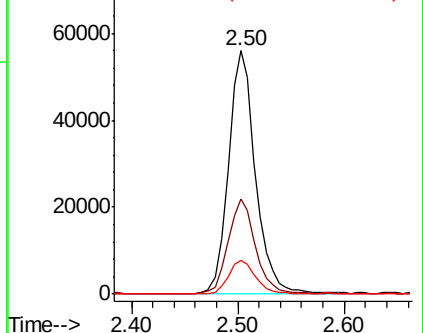
141 14.5 11.4 17.2

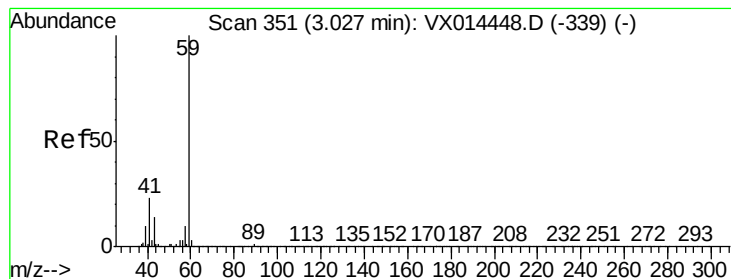


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



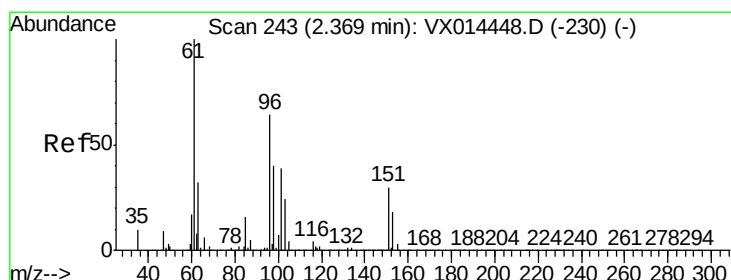
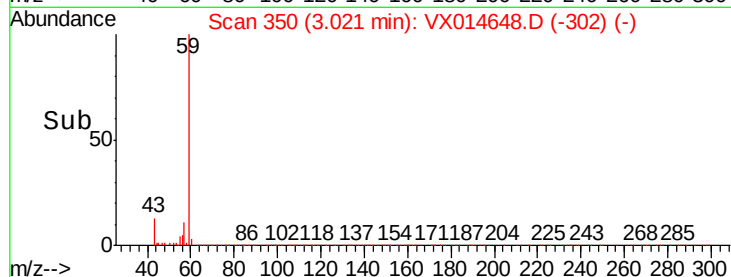
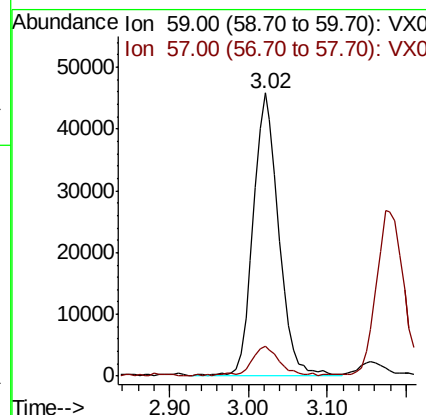
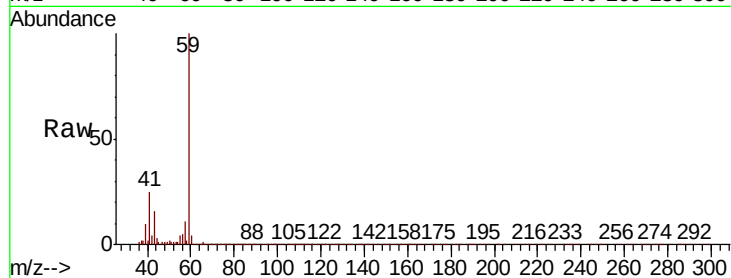


#11

Tert butyl alcohol
Concen: 101.234 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampled :

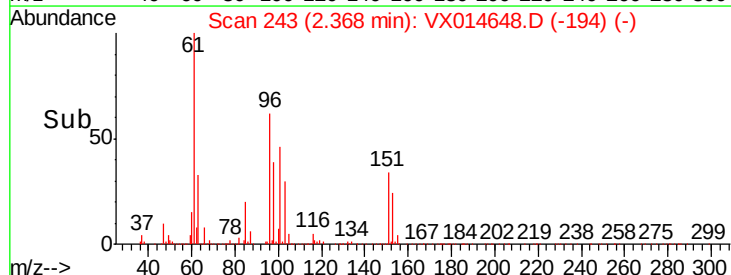
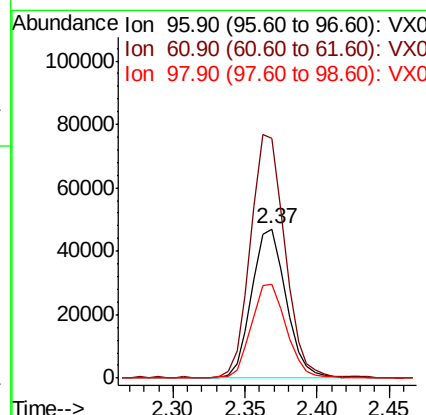
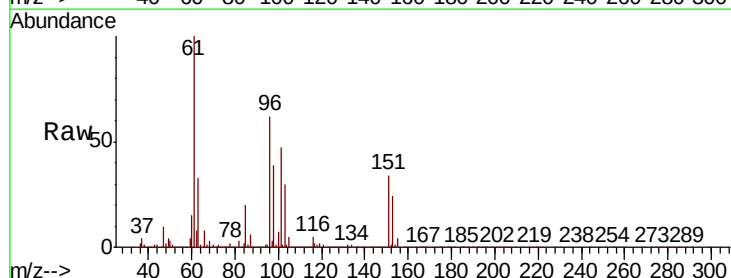
Tot Ion: 59 Resp: 103260
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7

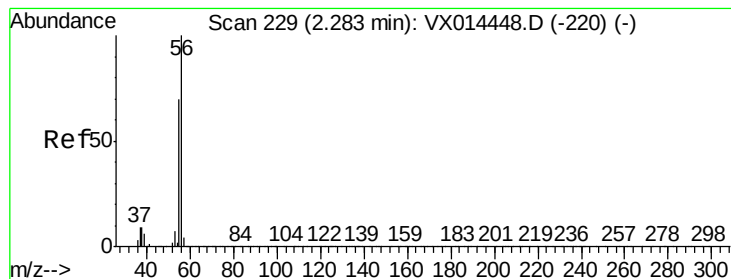


#12

1,1-Dichloroethene
Concen: 18.076 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 96 Resp: 78123
Ion Ratio Lower Upper
96 100
61 160.1 125.0 187.6
98 62.5 50.2 75.2





#13

Acrolein

Concen: 70.060 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

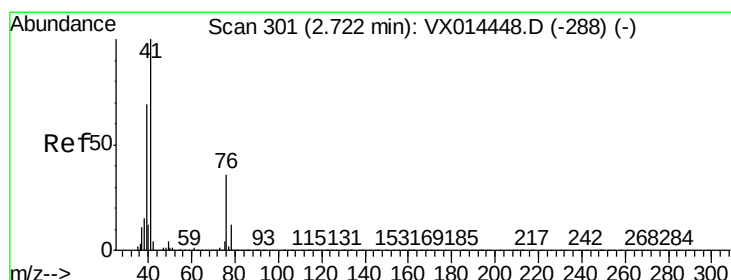
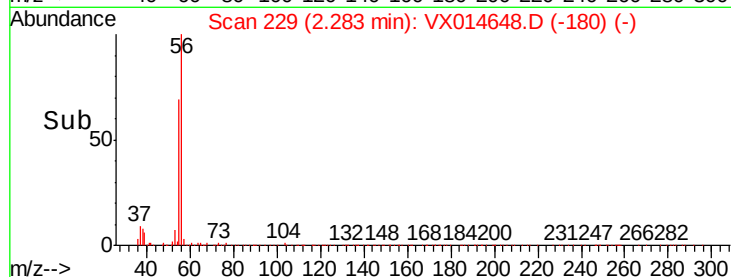
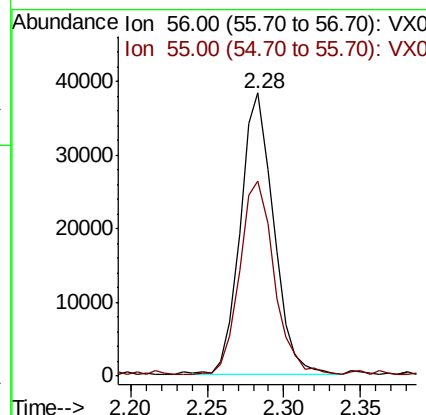
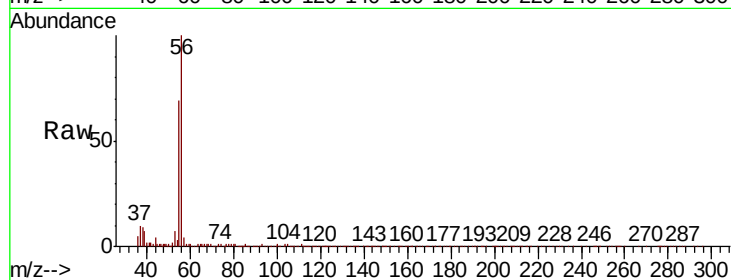
ClientSampleId :

Tot Ion: 56 Resp: 57279

Ion Ratio Lower Upper

56 100

55 71.7 55.0 82.6



#14

Allyl chloride

Concen: 18.738 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

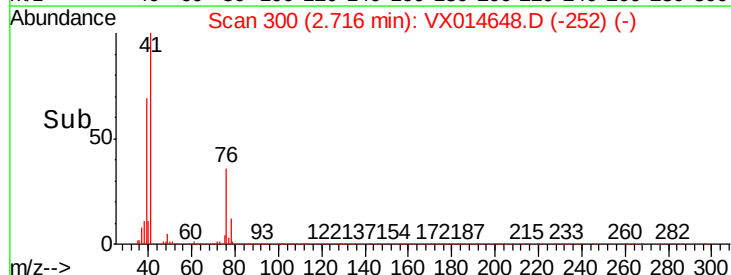
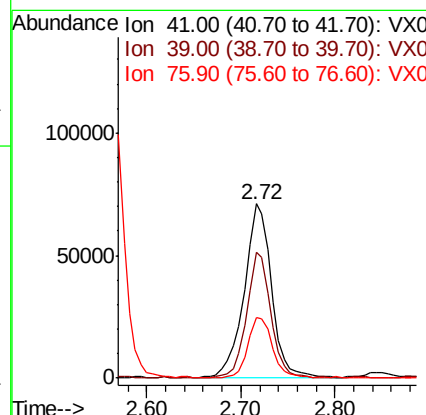
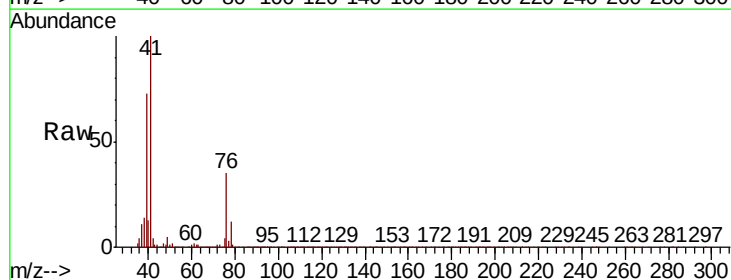
Tgt Ion: 41 Resp: 142188

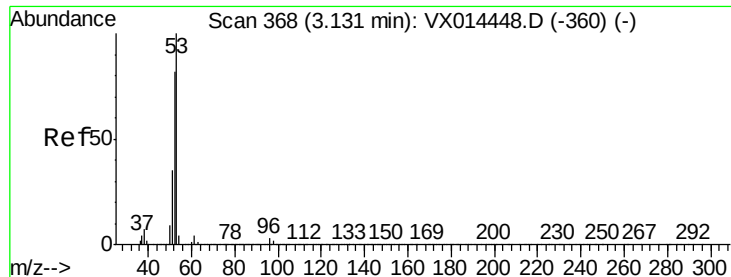
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 31.0 26.8 40.2

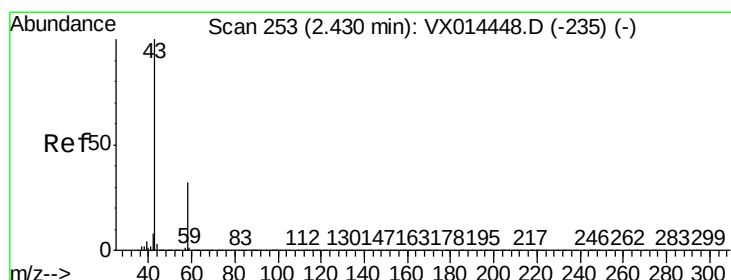
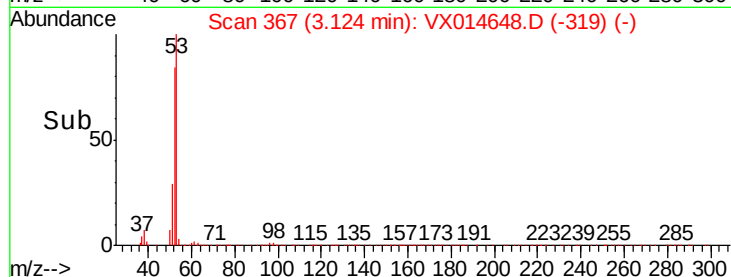
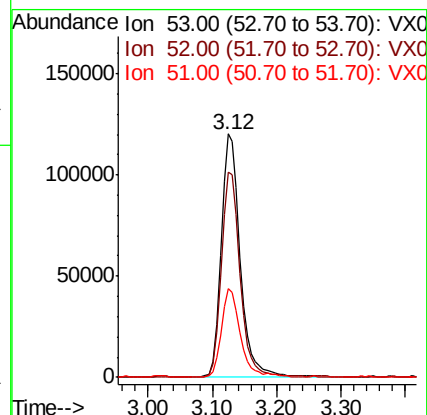
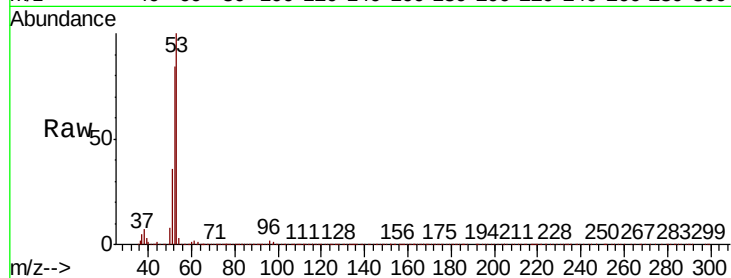




#15
Acrylonitrile
Concen: 100.514 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

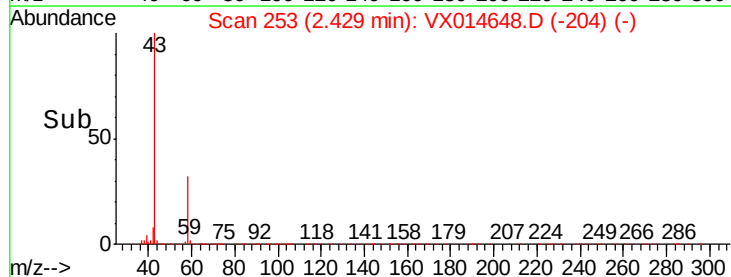
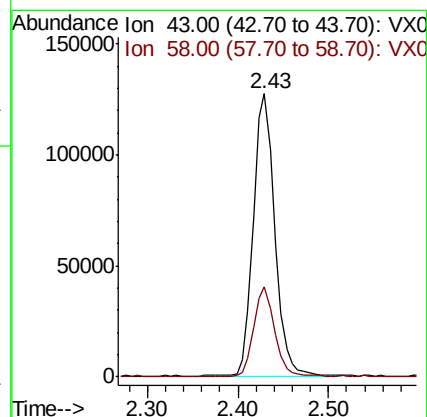
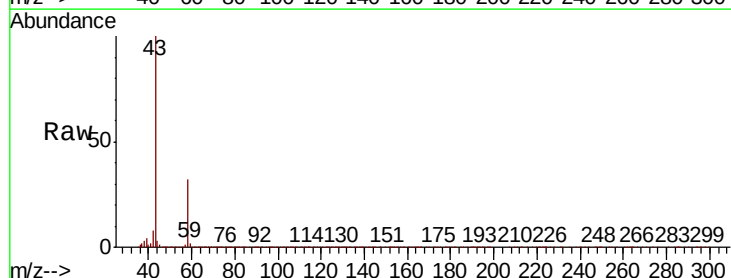
Instrument :
MSVOA_X
ClientSampleId :

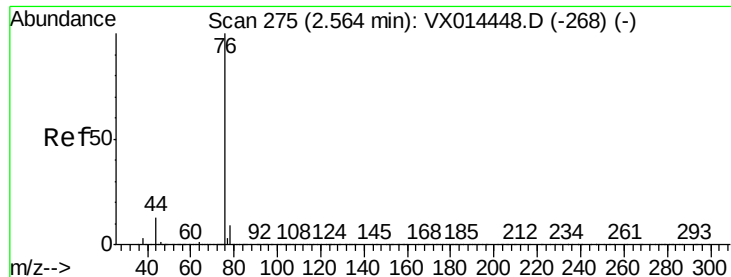
Tot Ion	Ratio	Lower	Upper
53	100		
52	84.5	67.0	100.4
51	36.4	28.5	42.7



#16
Acetone
Concen: 82.715 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0





#17

Carbon Disulfide

Concen: 16.672 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

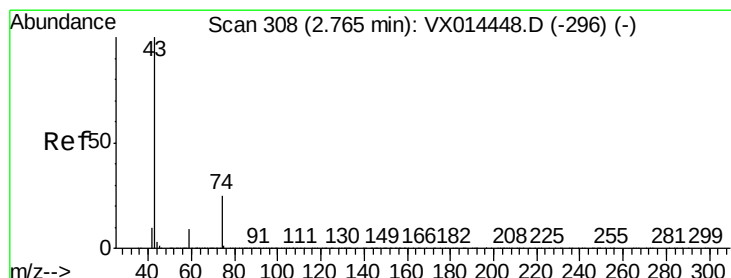
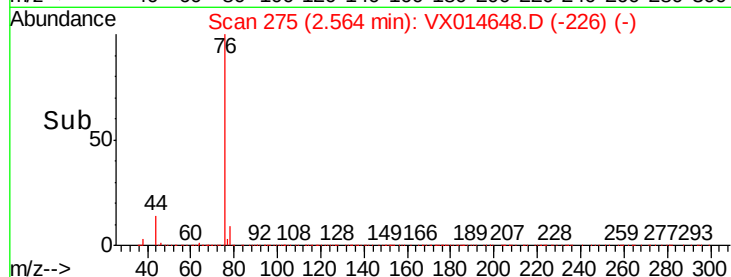
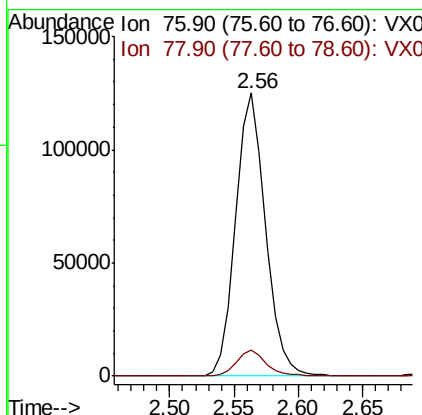
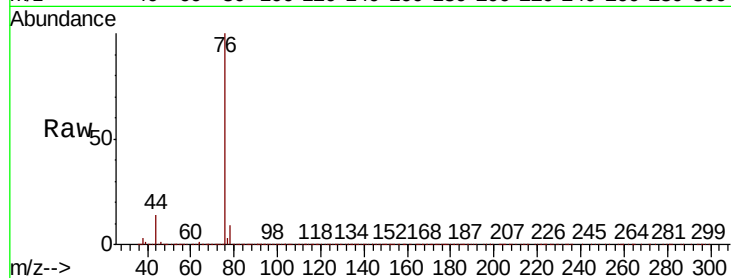
ClientSampleId :

Tot Ion: 76 Resp: 201057

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 22.001 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014648.D

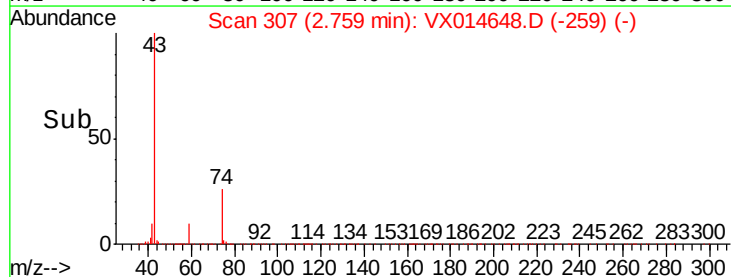
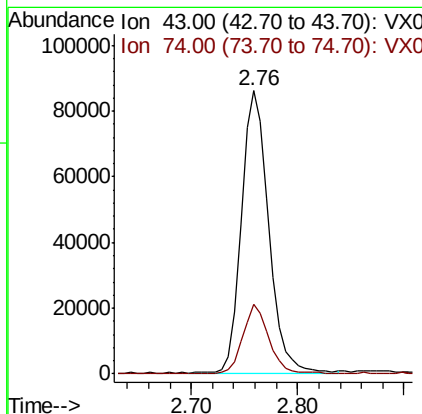
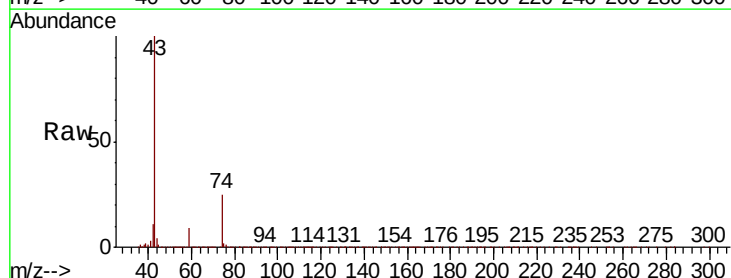
Acq: 17 Jan 2020 12:38

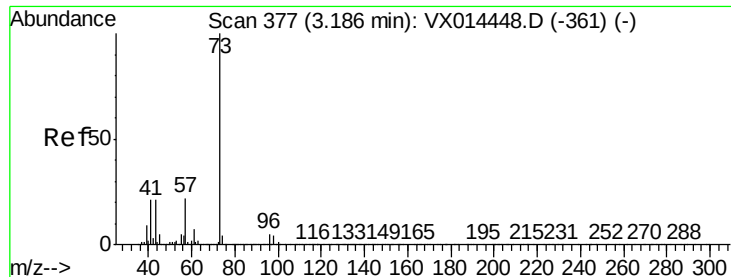
Tgt Ion: 43 Resp: 154477

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



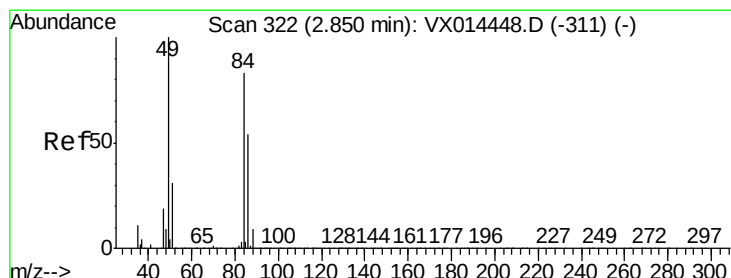
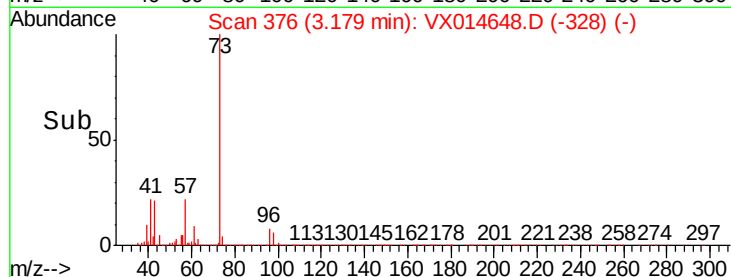
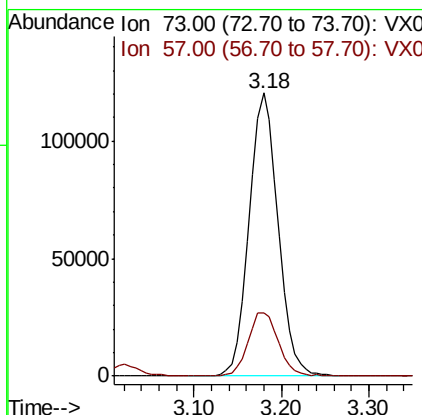
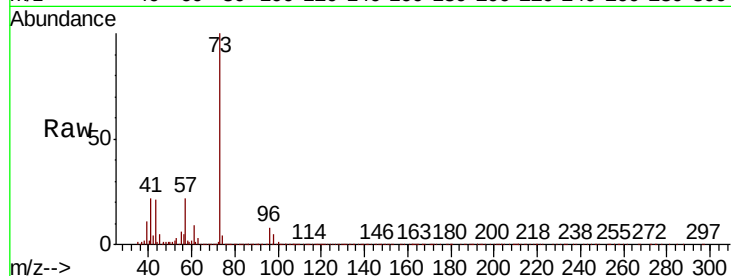


#19

Methyl tert-butyl Ether
 Concen: 19.849 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampled :

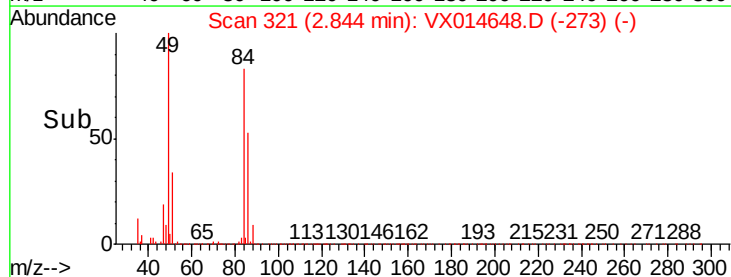
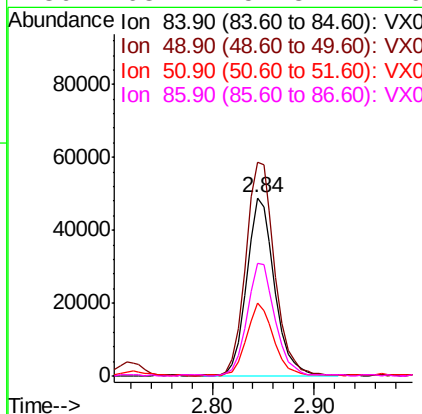
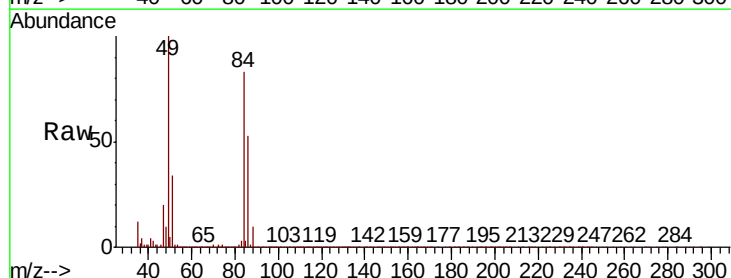
Tot Ion: 73 Resp: 275394
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.8

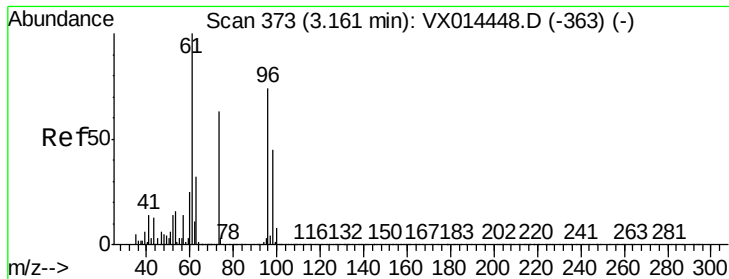


#20

Methylene Chloride
 Concen: 18.831 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion: 84 Resp: 92543
 Ion Ratio Lower Upper
 84 100
 49 119.7 95.8 143.8
 51 40.4 30.2 45.4
 86 63.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.769 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :

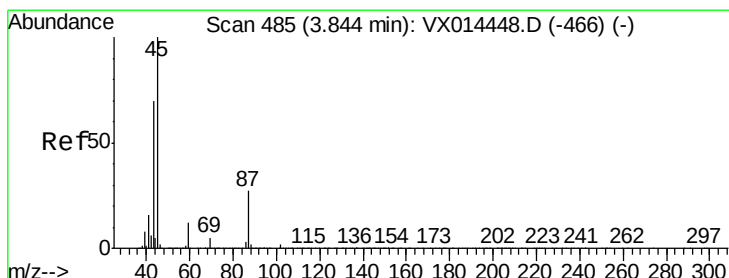
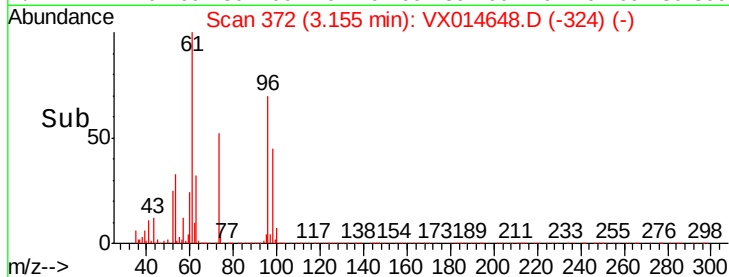
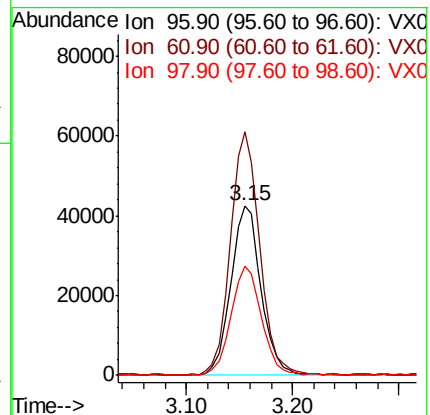
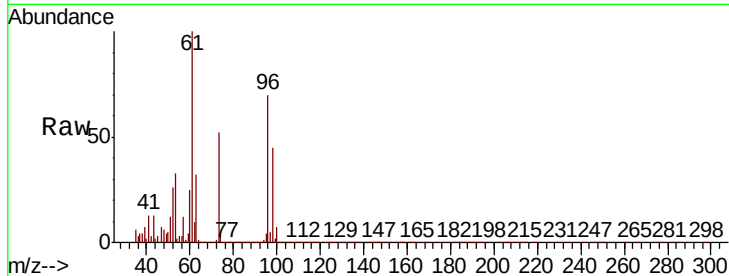
Tot Ion: 96 Resp: 83841

Ion Ratio Lower Upper

96 100

61 143.3 108.2 162.4

98 64.5 48.8 73.2



#22

Diisopropyl ether

Concen: 20.773 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion: 45 Resp: 304619

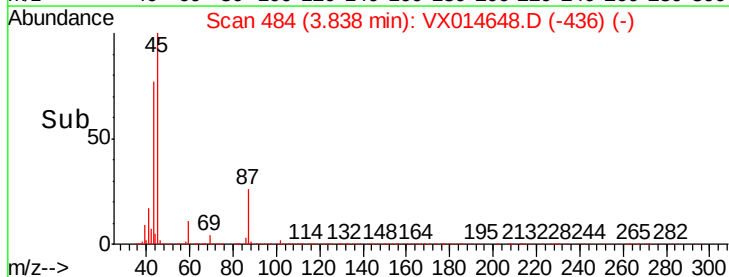
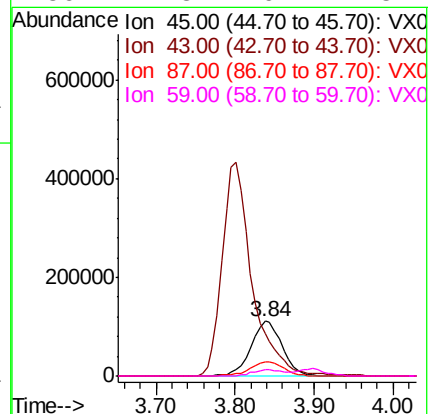
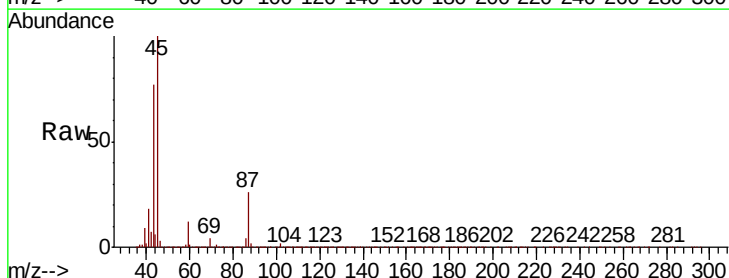
Ion Ratio Lower Upper

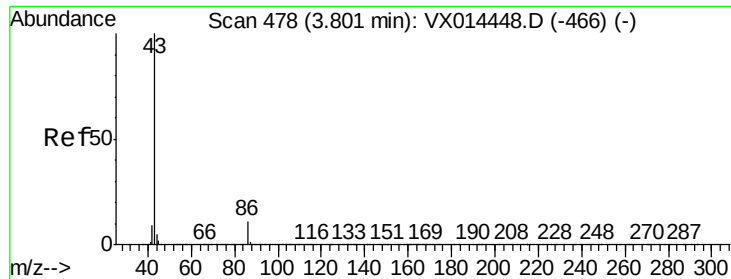
45 100

43 77.0 55.8 83.6

87 26.1 21.8 32.8

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 101.216 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

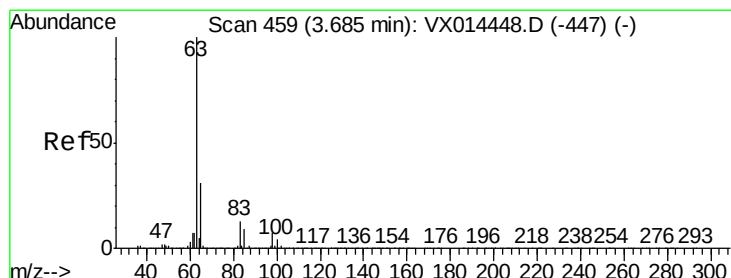
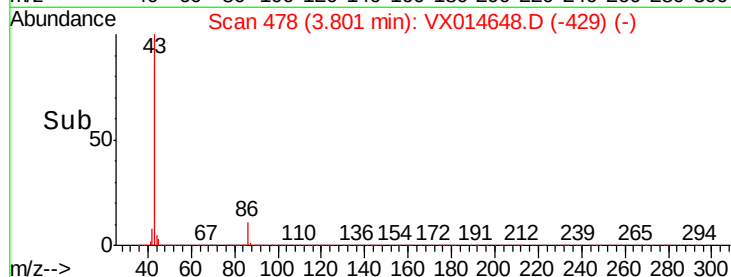
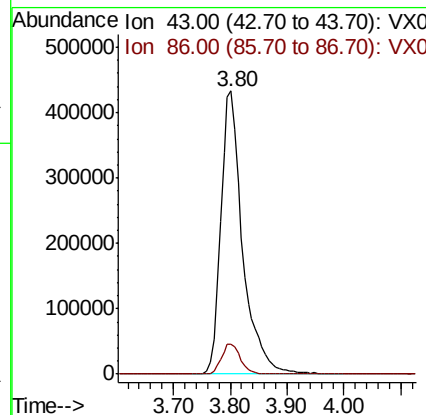
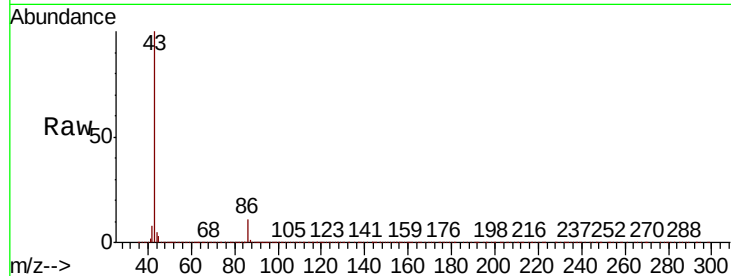
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1149137

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.931 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

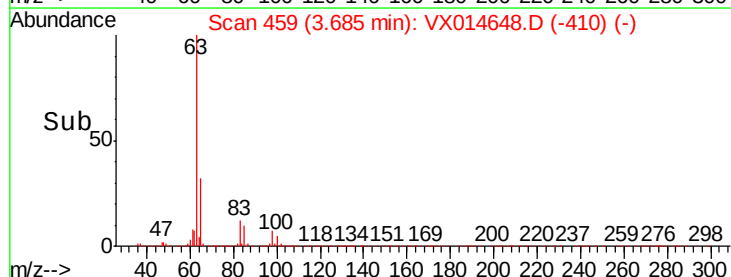
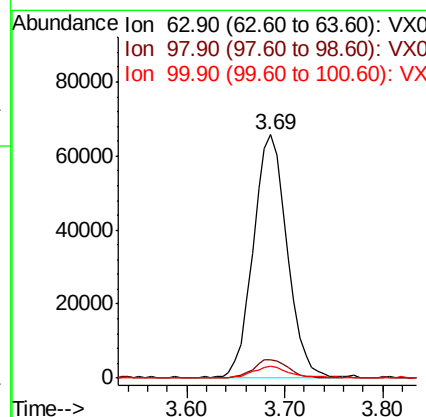
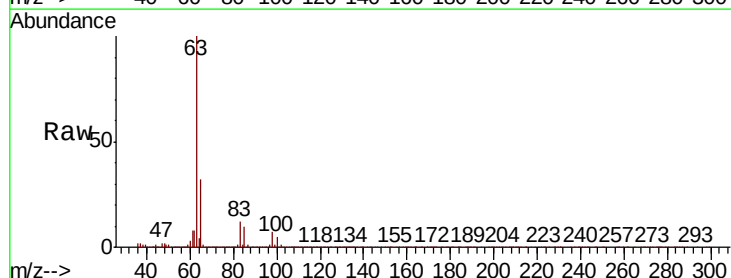
Tgt Ion: 63 Resp: 158992

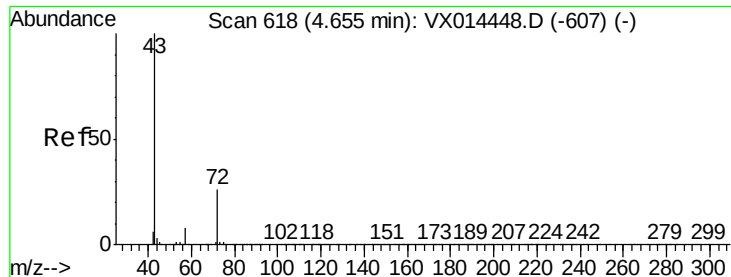
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 94.116 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

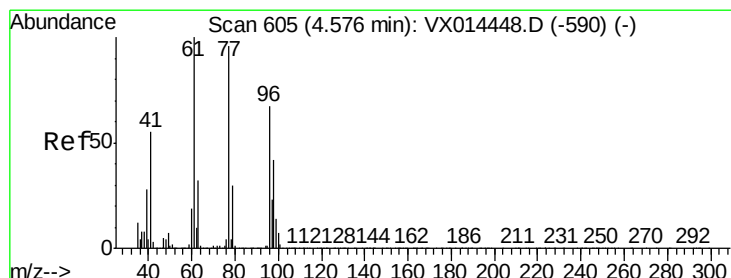
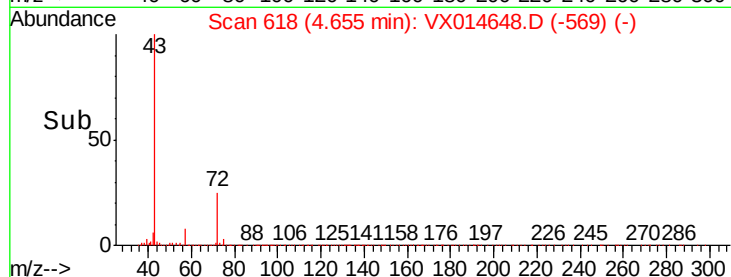
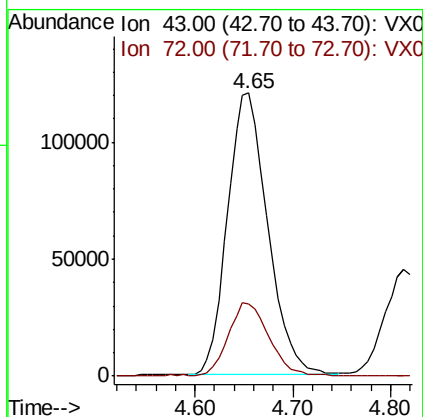
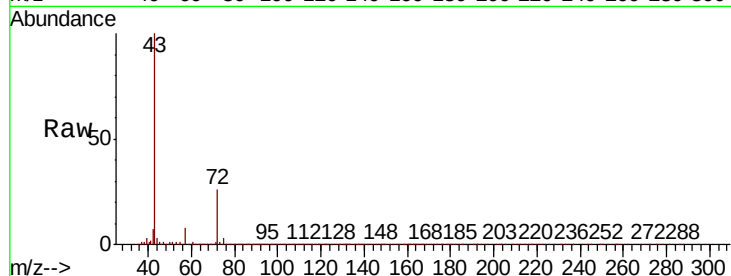
ClientSampled :

Tot Ion: 43 Resp: 343438

Ion Ratio Lower Upper

43 100

72 25.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.521 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014648.D

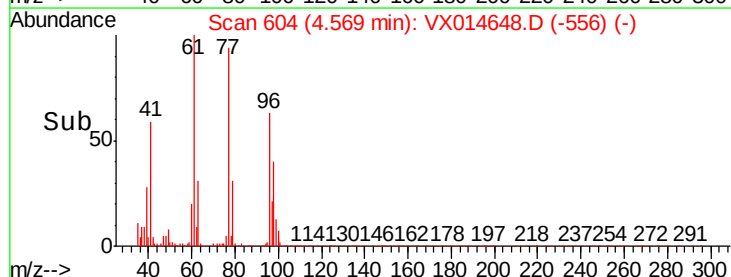
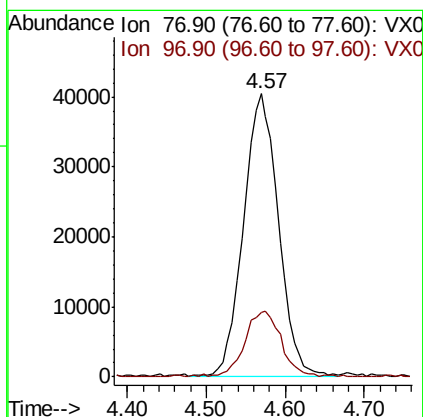
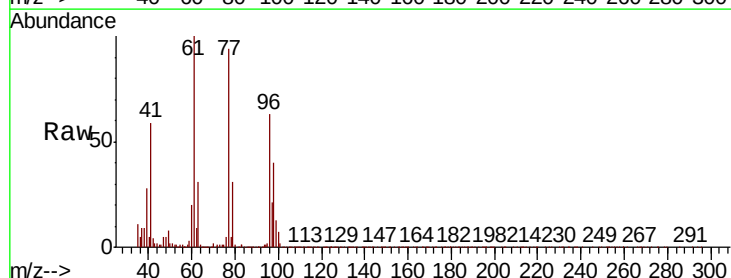
Acq: 17 Jan 2020 12:38

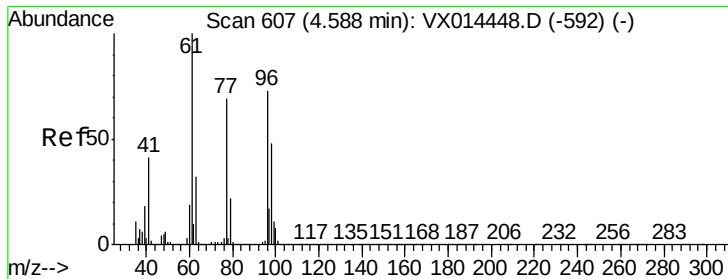
Tgt Ion: 77 Resp: 125161

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



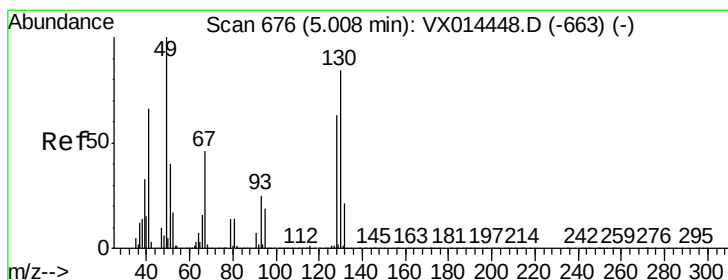
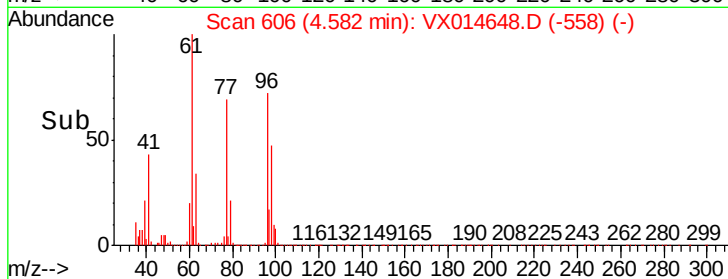
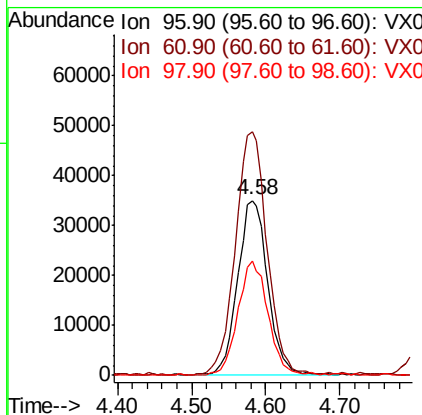
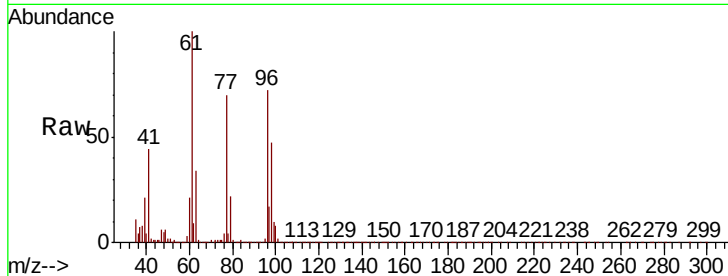


#27

cis-1,2-Dichloroethene
Concen: 18.914 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :

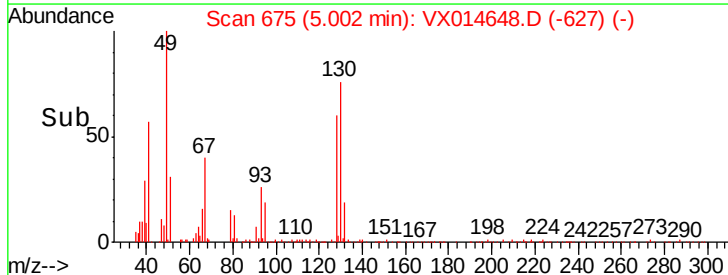
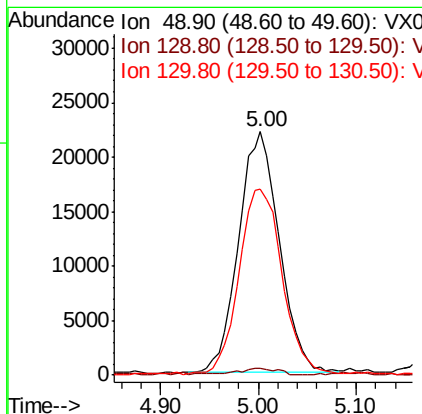
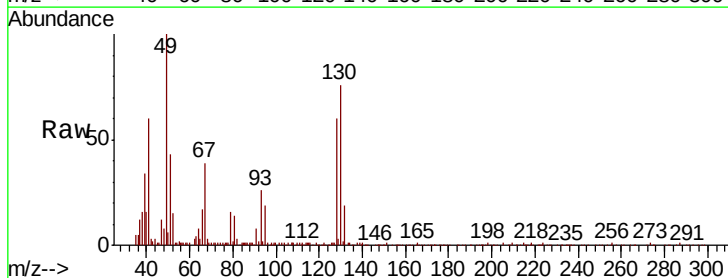
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	285.4
98	64.0	0.0	130.6

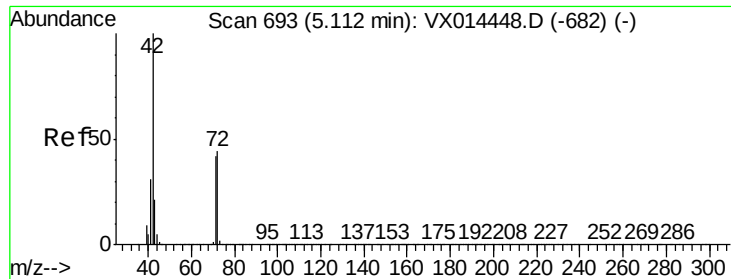


#28

Bromochloromethane
Concen: 19.050 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.4
130	82.7	67.0	100.4

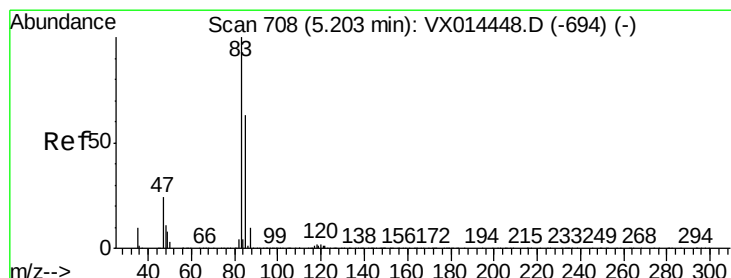
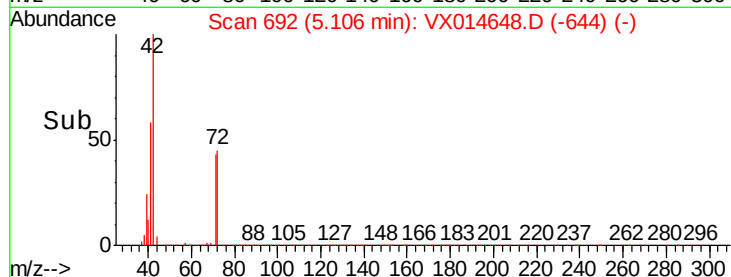
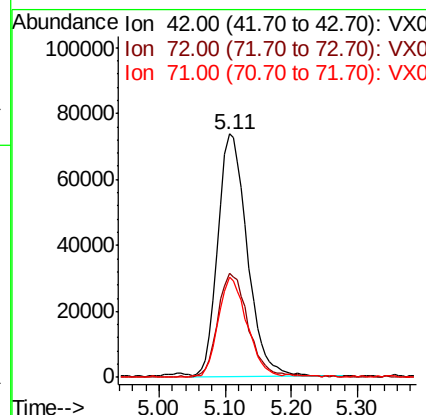
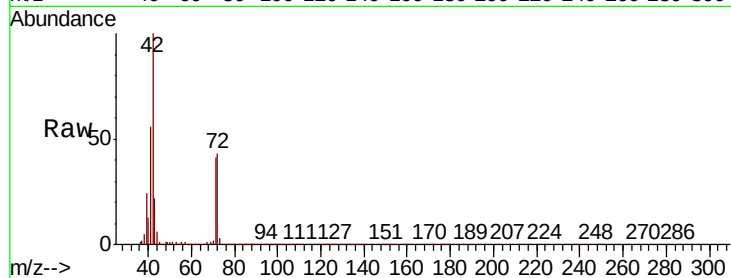




#29
Tetrahydrofuran
Concen: 105.106 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

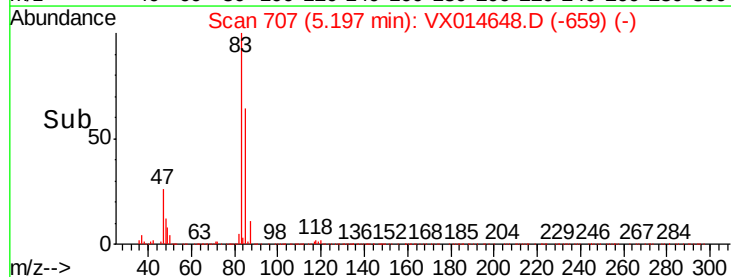
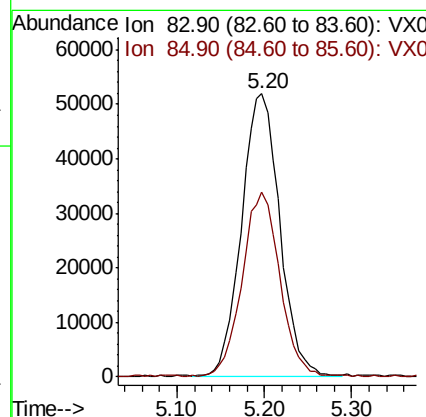
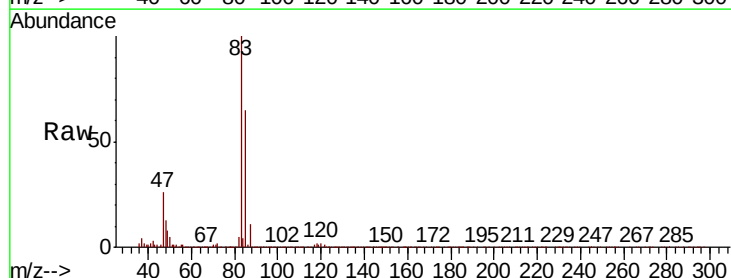
Instrument :
MSVOA_X
ClientSampleId :

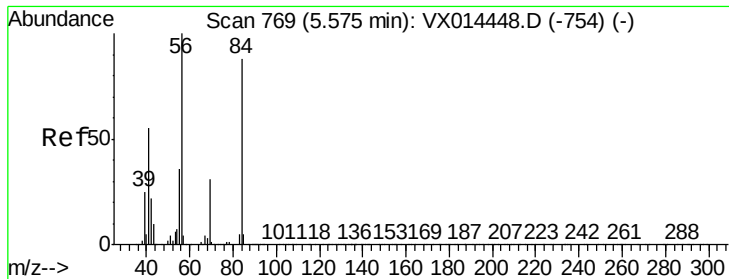
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.2	54.4
71	40.2	34.1	51.1



#30
Chloroform
Concen: 20.160 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	75.8

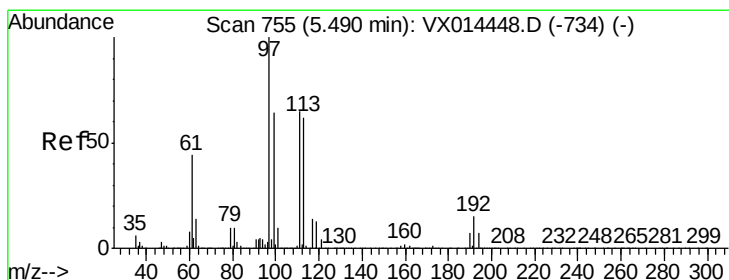
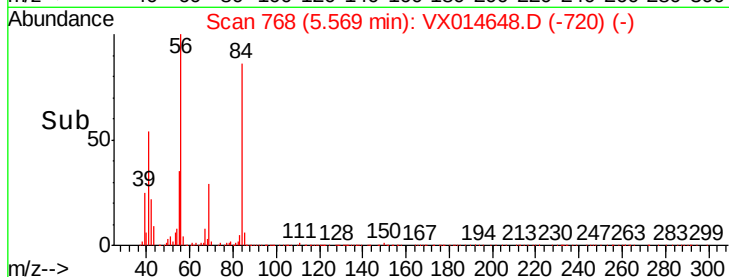
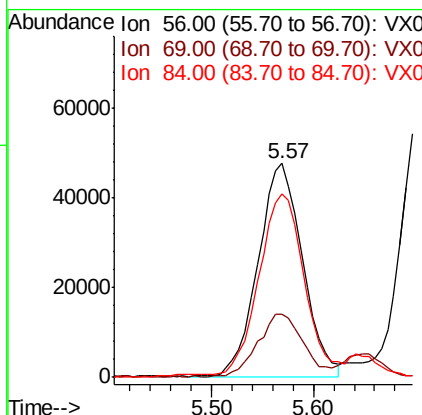
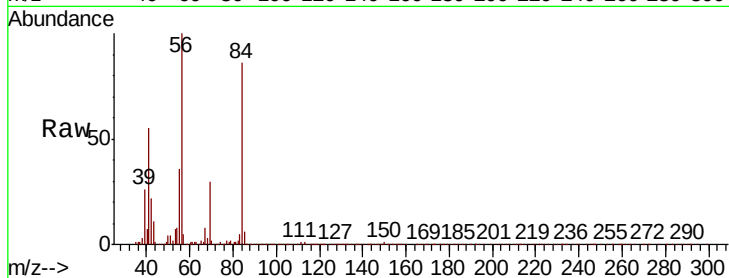




#31
Cyclohexane
Concen: 19.258 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

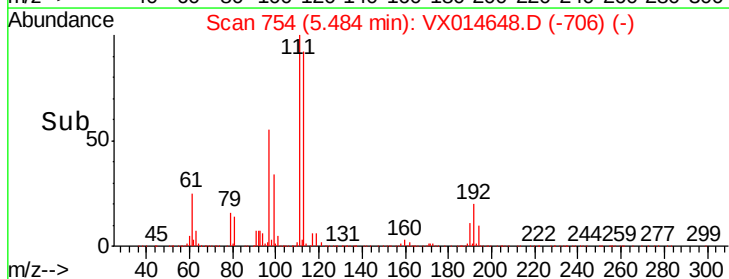
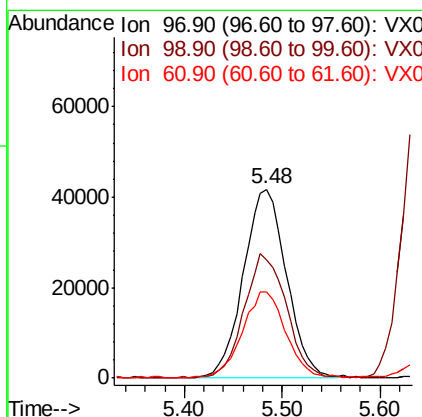
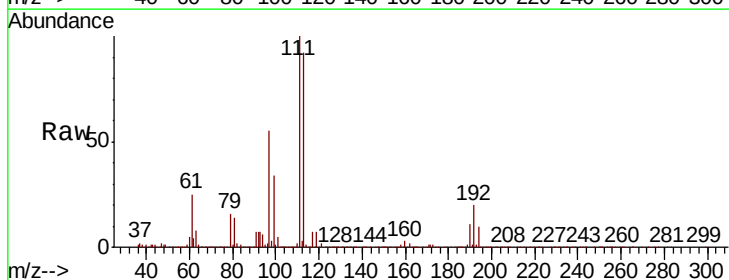
Instrument :
MSVOA_X
ClientSampleId :

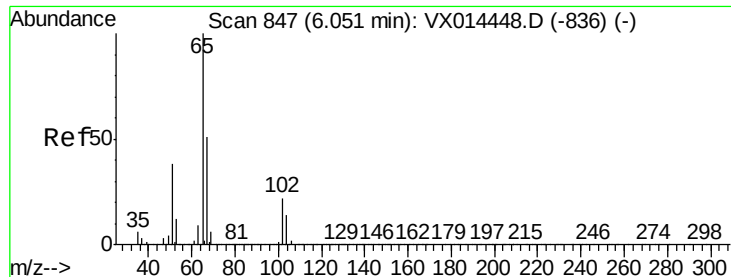
Tot Ion: 56 Resp: 143793
Ion Ratio Lower Upper
56 100
69 29.6 24.4 36.6
84 85.4 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.012 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 97 Resp: 126860
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 46.2 35.9 53.9

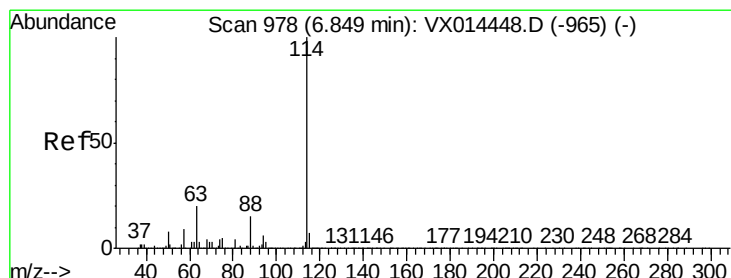
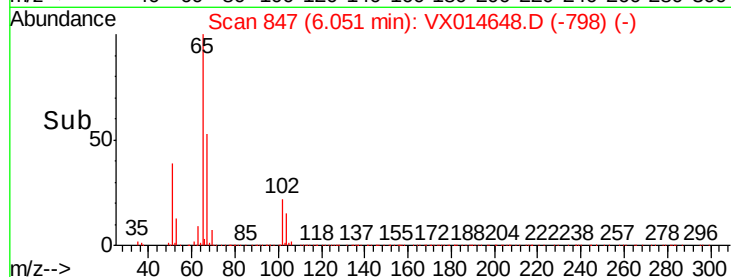
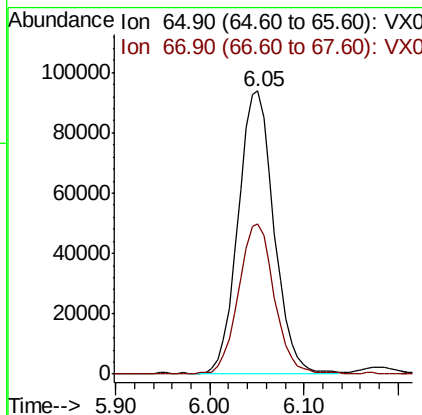
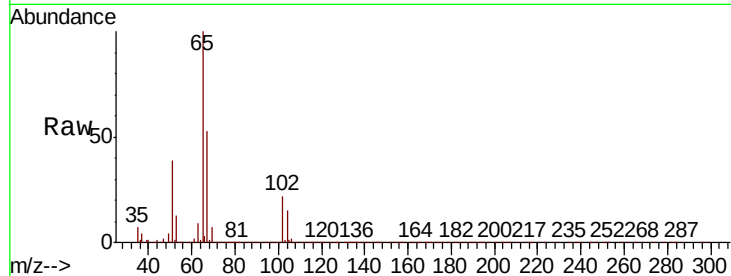




#33
 1,2-Dichloroethane-d4
 Concen: 50.865 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

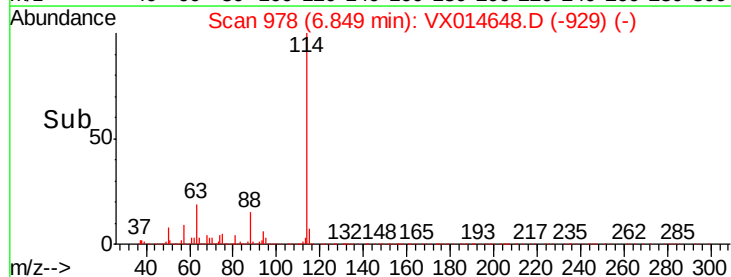
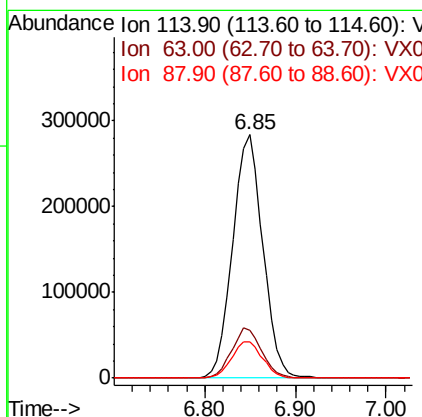
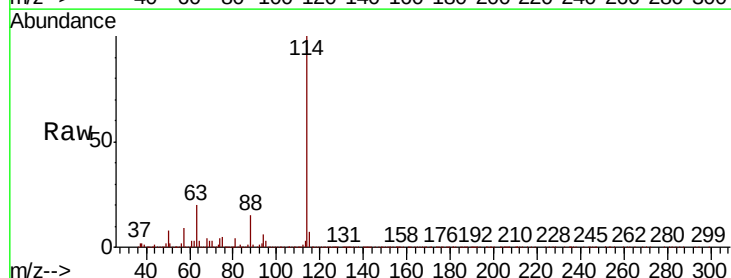
Instrument :
 MSVOA_X
 ClientSampled :

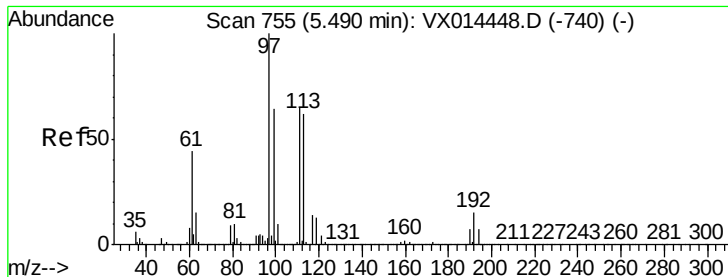
Tot Ion: 65 Resp: 248486
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion: 114 Resp: 656848
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.671 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :

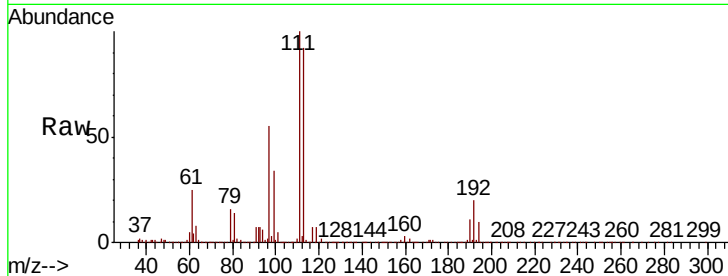
Tot Ion:113 Resp: 201476

Ion Ratio Lower Upper

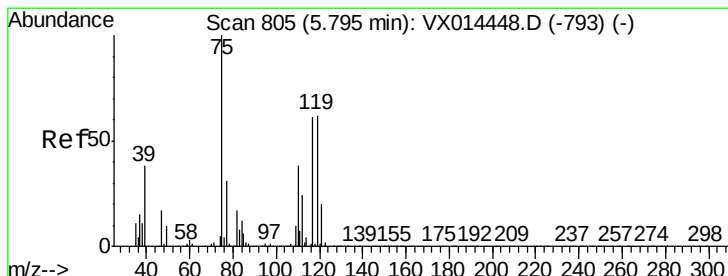
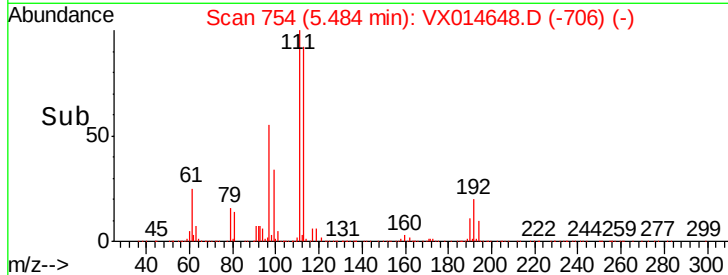
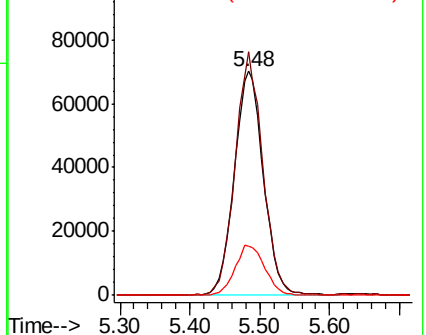
113 100

111 103.3 81.5 122.3

192 22.9 19.2 28.8



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



#36

1,1-Dichloropropene

Concen: 18.719 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

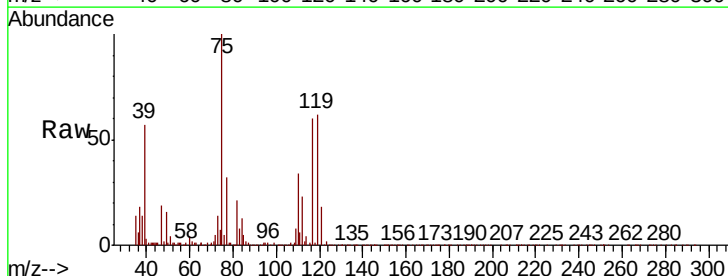
Tgt Ion: 75 Resp: 115628

Ion Ratio Lower Upper

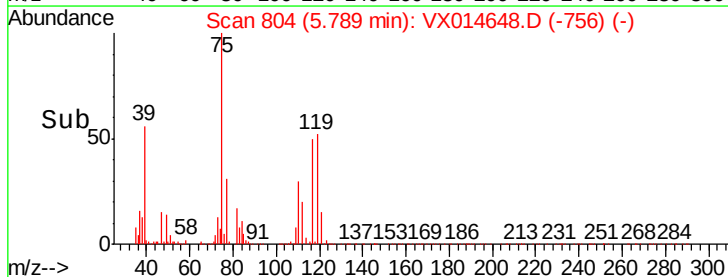
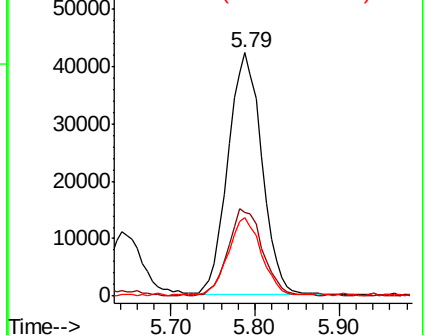
75 100

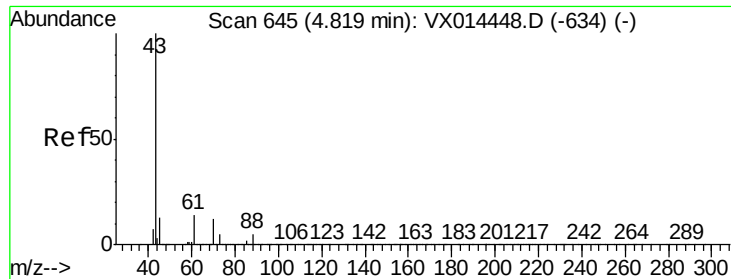
110 36.2 18.6 55.8

77 30.5 24.5 36.7



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

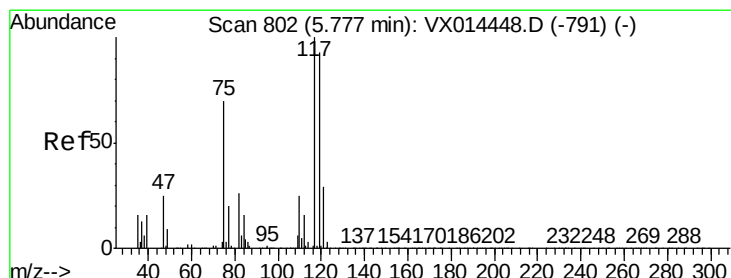
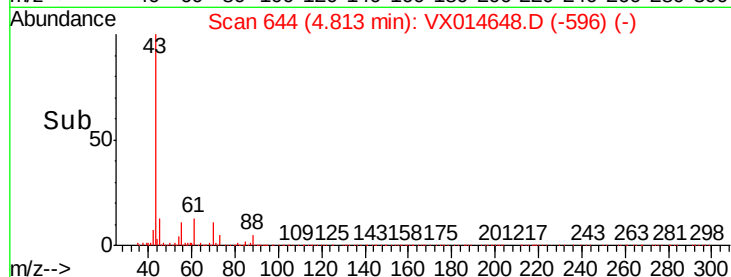
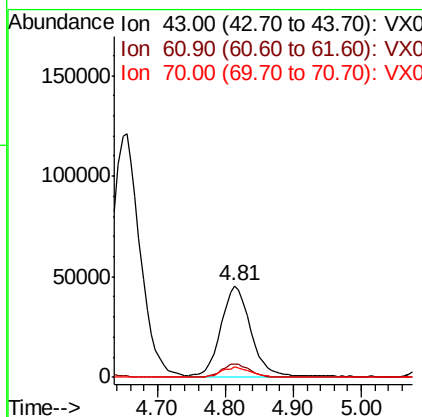
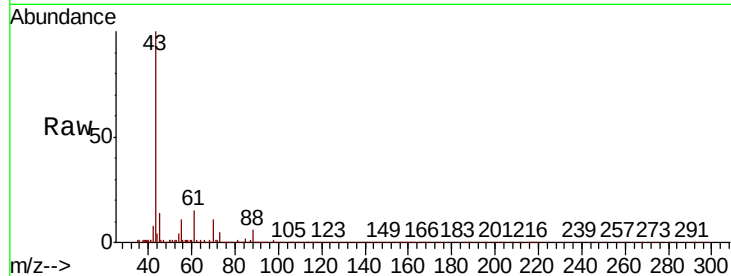




#37
Ethyl Acetate
Concen: 20.298 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

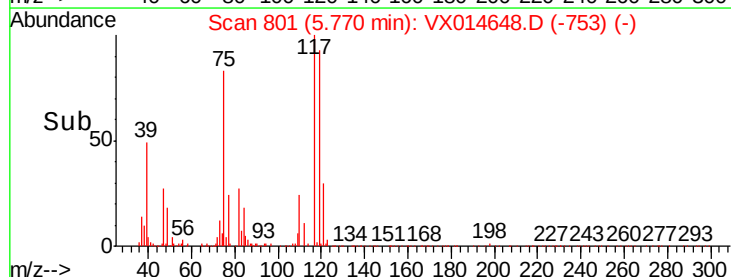
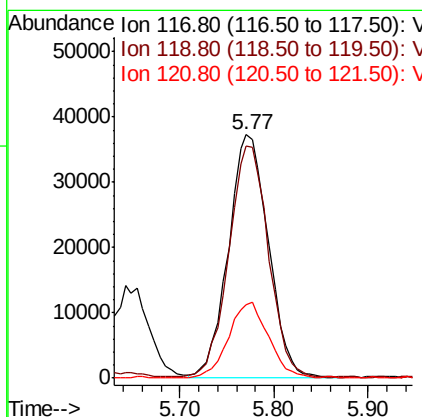
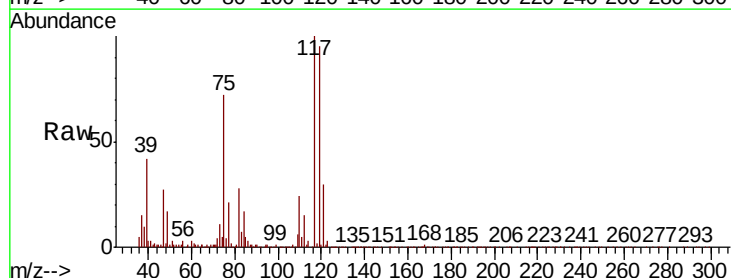
Instrument :
MSVOA_X
ClientSampleId :

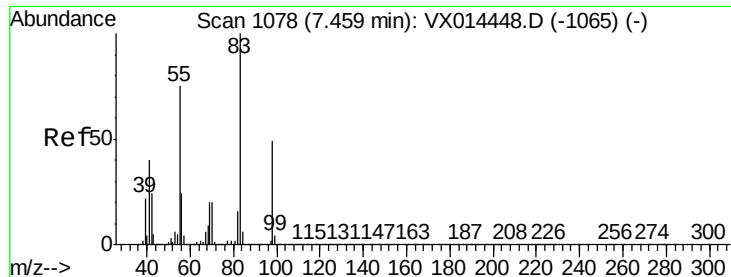
Tot Ion: 43 Resp: 136189
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.189 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 117 Resp: 109078
Ion Ratio Lower Upper
117 100
119 94.8 73.8 110.8
121 30.1 23.4 35.0

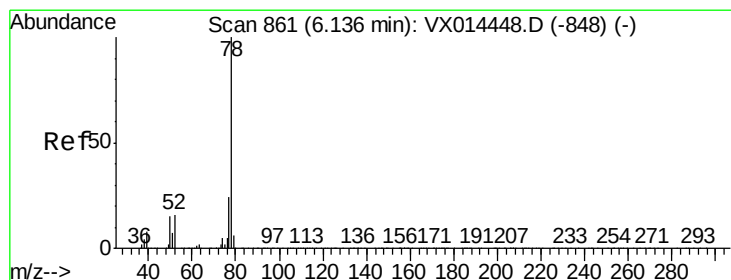
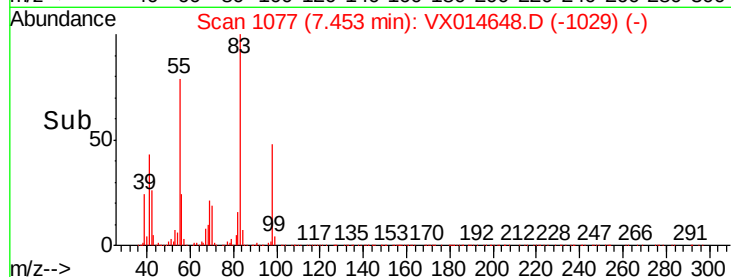
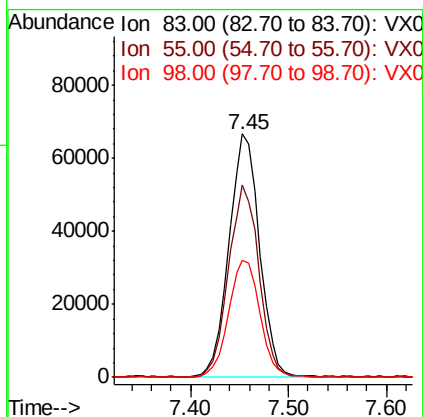
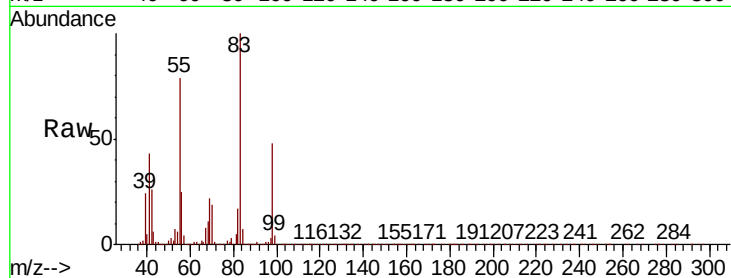




#39
Methylvlcyclohexane
Concen: 18.572 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

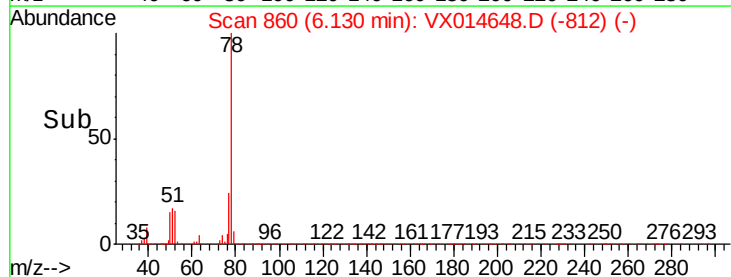
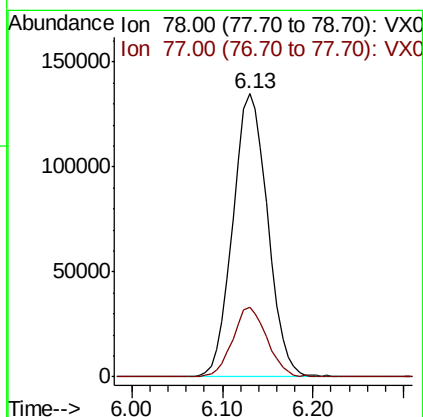
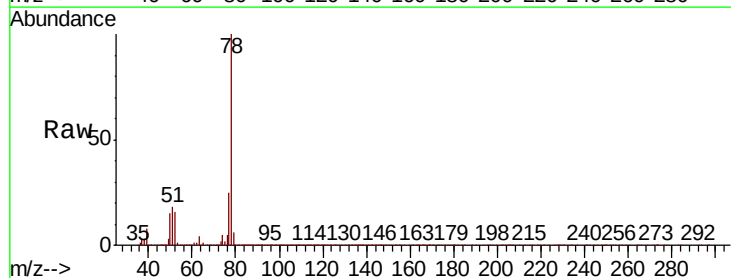
Instrument :
MSVOA_X
ClientSampleId :

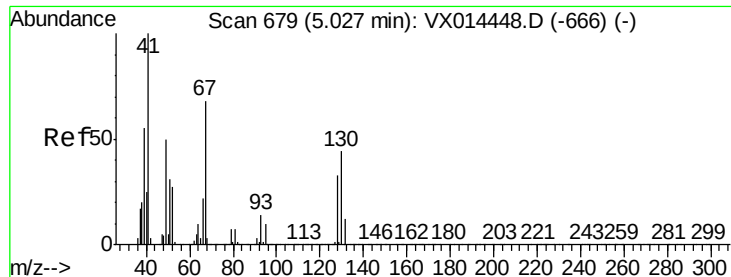
Tot Ion	83.00	Resp	144126
Ion	Ratio	Lower	Upper
83	100		
55	78.9	59.7	89.5
98	47.6	39.1	58.7



#40
Benzene
Concen: 19.534 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	78	Resp	358115
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3

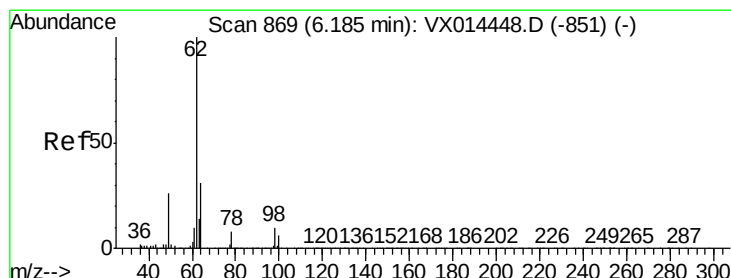
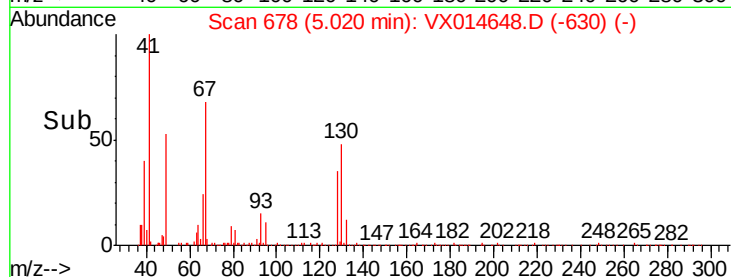
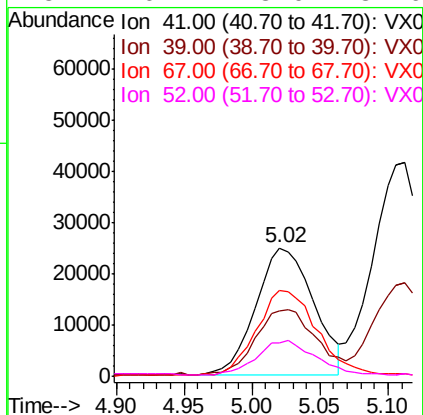
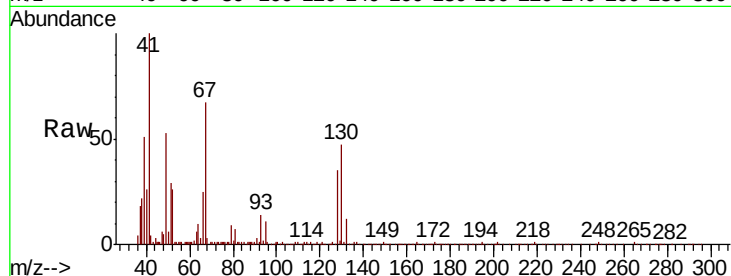




#41
Methacrylonitrile
Concen: 20.629 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

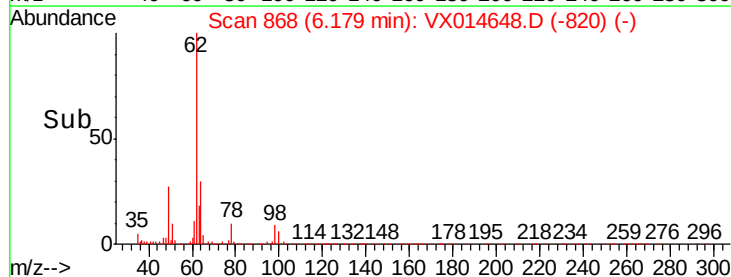
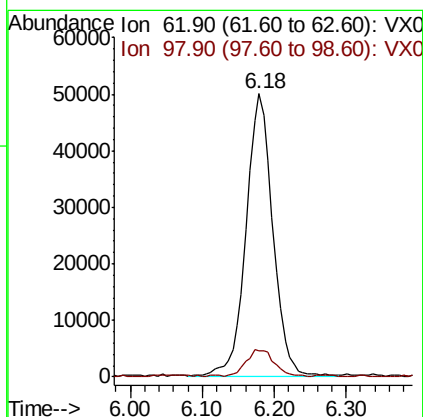
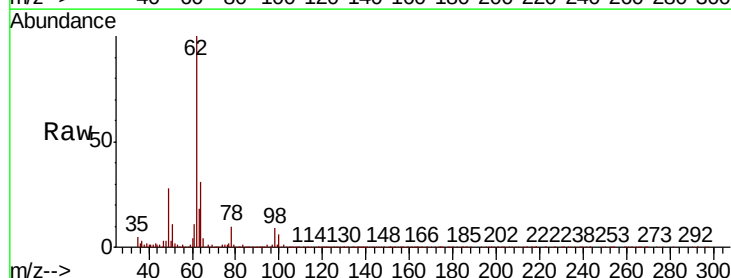
Instrument :
MSVOA_X
ClientSampleId :

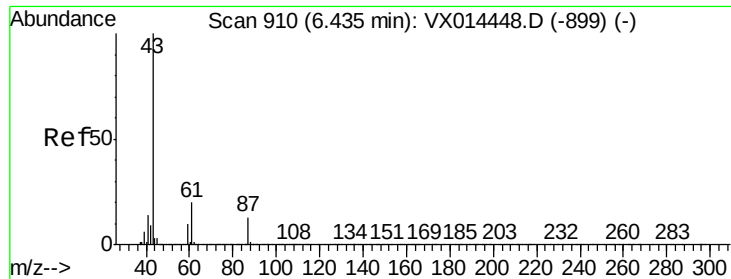
Tot Ion:	41	Resp:	73813
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.6	65.4
67	69.4	57.9	86.9
52	26.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.035 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion:	62	Resp:	128426
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4





#43

Isopropyl Acetate

Concen: 20.509 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

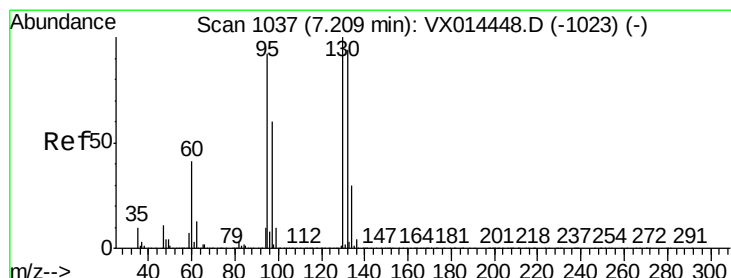
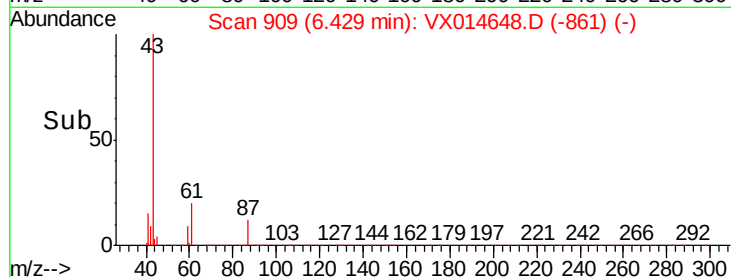
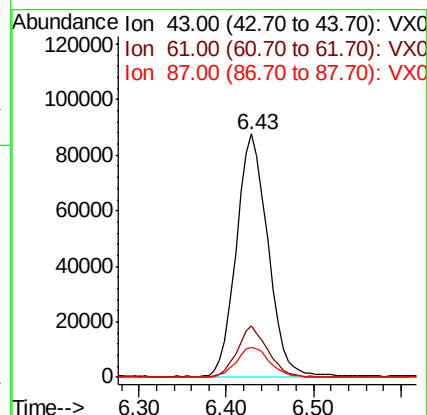
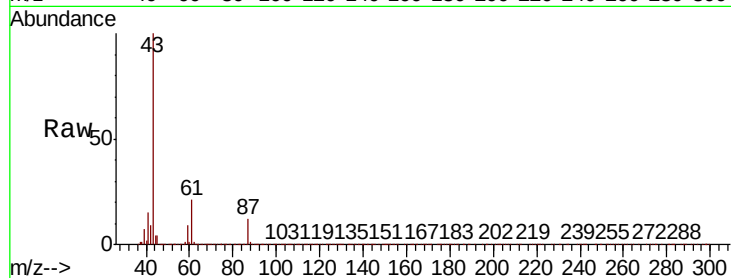
Tot Ion: 43 Resp: 222295

Ion Ratio Lower Upper

43 100

61 19.7 16.6 24.8

87 13.0 10.8 16.2



#44

Trichloroethene

Concen: 18.940 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014648.D

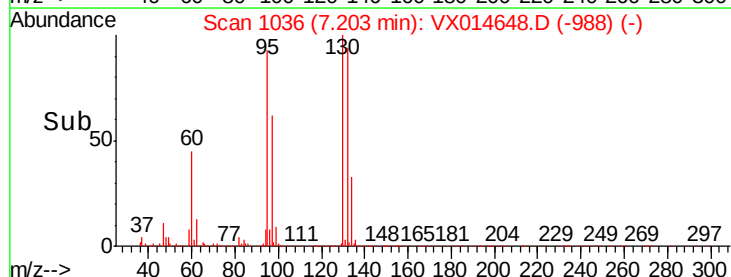
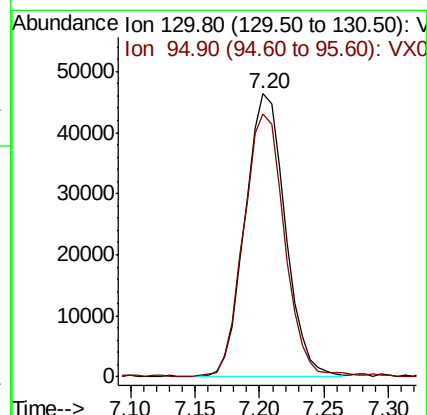
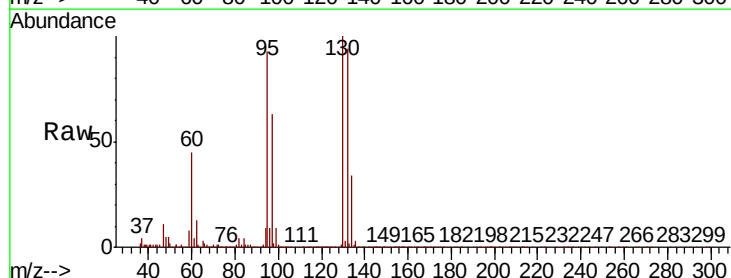
Acq: 17 Jan 2020 12:38

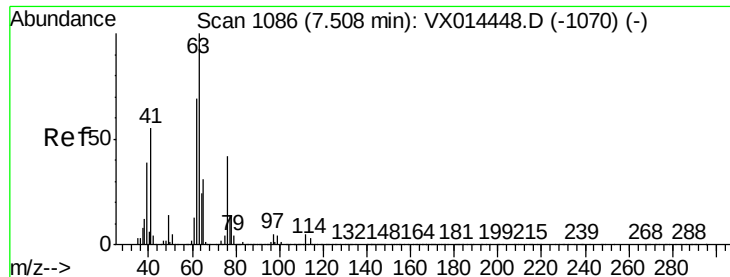
Tgt Ion:130 Resp: 99786

Ion Ratio Lower Upper

130 100

95 92.5 0.0 184.2

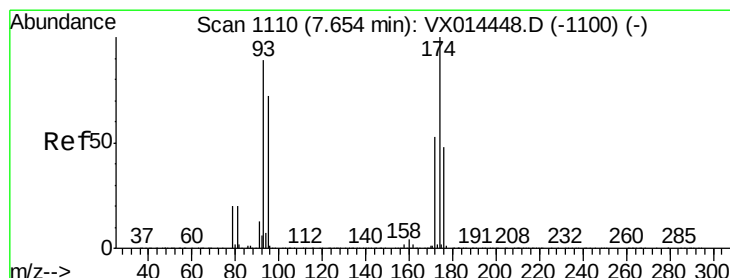
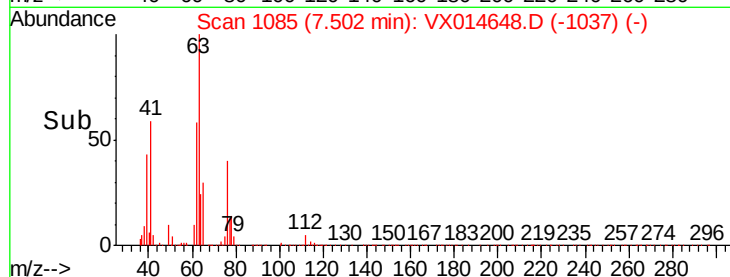
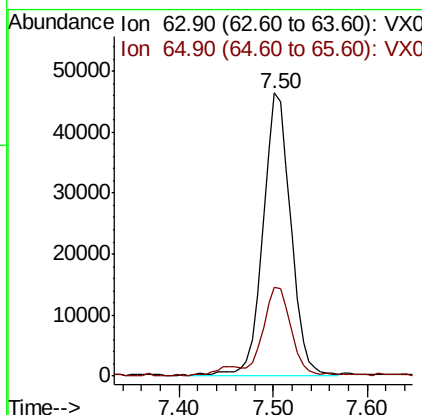
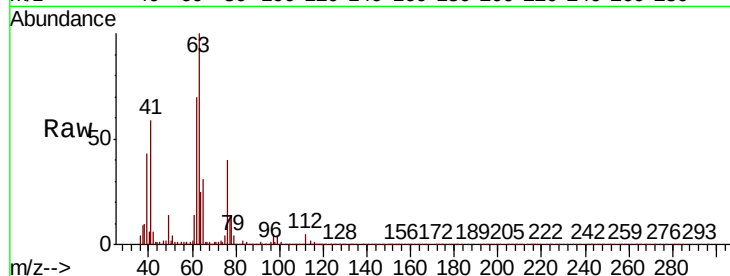




#45
 1,2-Dichloropropane
 Concen: 20.427 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

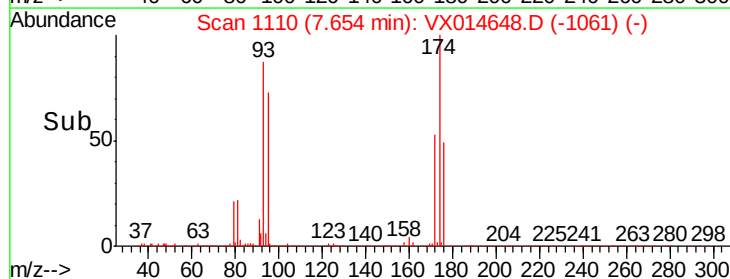
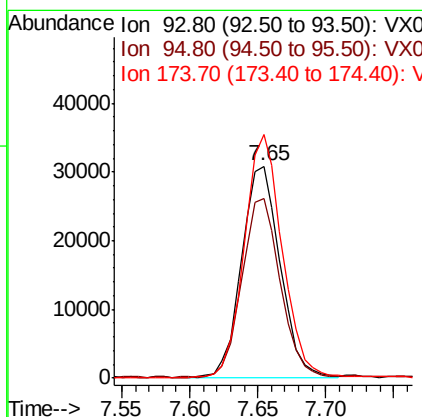
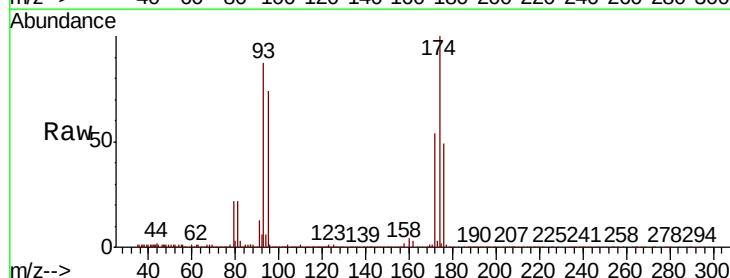
Instrument :
 MSVOA_X
 ClientSampled :

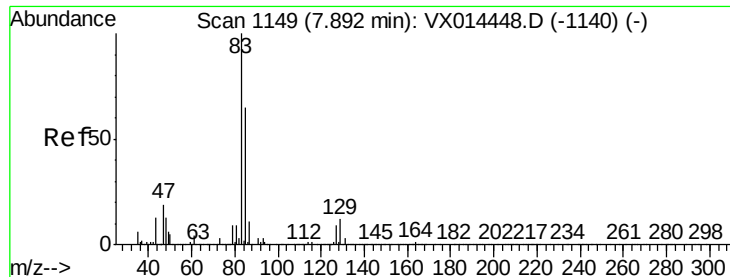
Tot Ion: 63 Resp: 95479
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 18.683 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion: 93 Resp: 60950
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.4 98.2
 174 114.4 93.0 139.4





#47

Bromodichloromethane

Concen: 19.682 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :

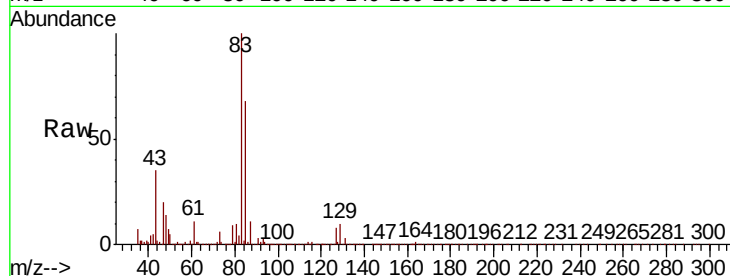
Tot Ion: 83 Resp: 116836

Ion Ratio Lower Upper

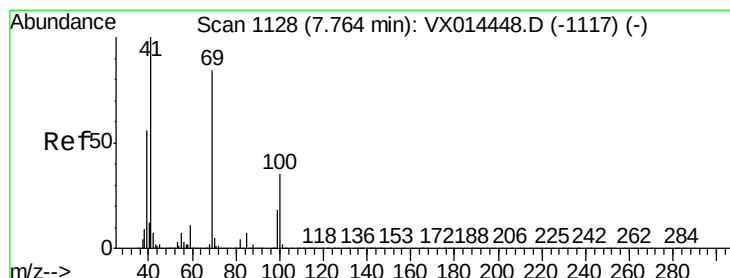
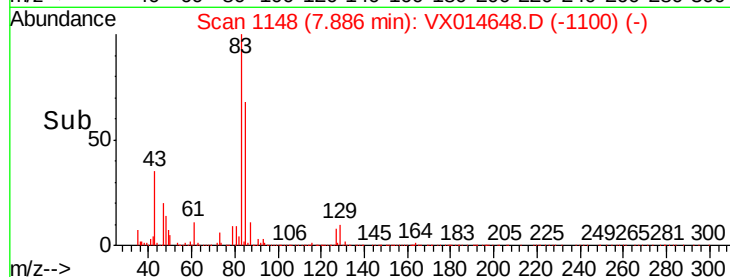
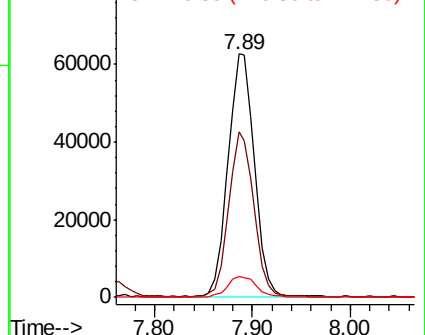
83 100

85 68.3 51.7 77.5

127 8.5 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: 20.290 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

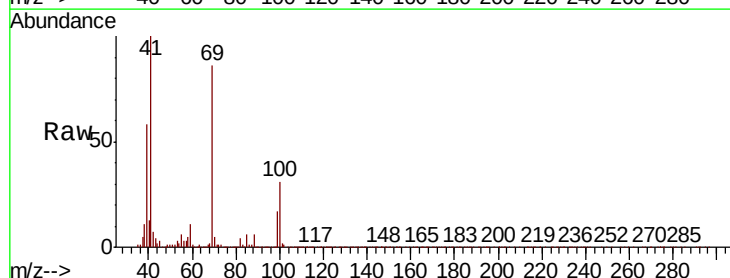
Tgt Ion: 41 Resp: 105329

Ion Ratio Lower Upper

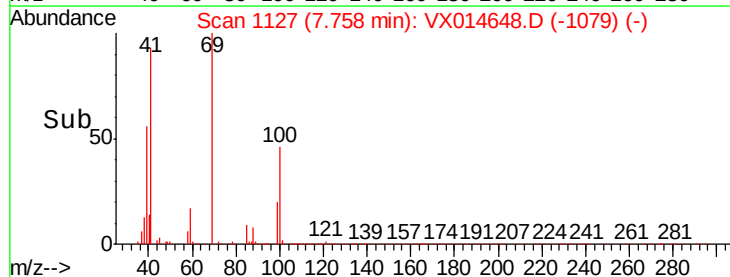
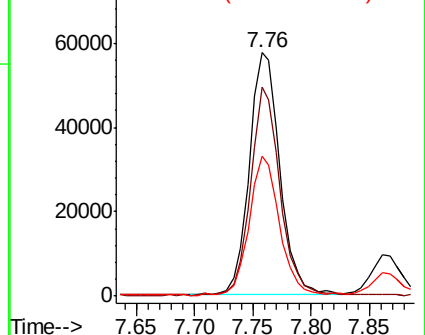
41 100

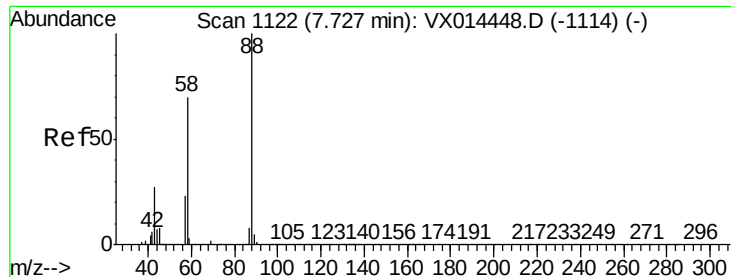
69 83.7 65.5 98.3

39 56.5 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: 421.177 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :

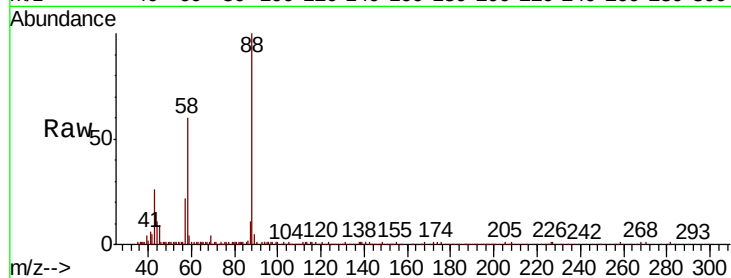
Tot Ion: 88 Resp: 46328

Ion Ratio Lower Upper

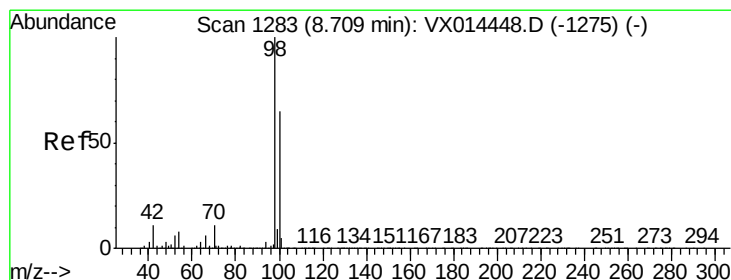
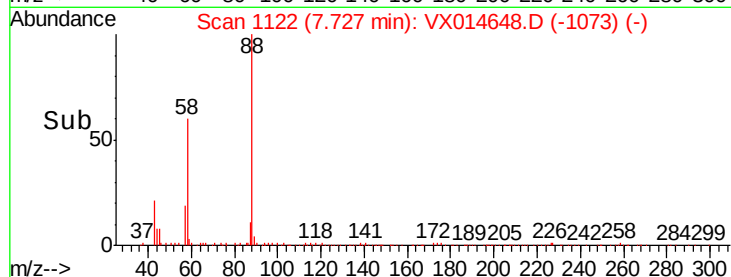
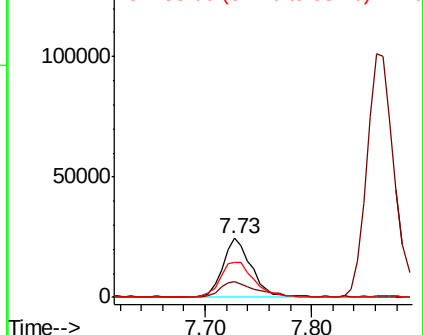
88 100

43 37.3 27.4 41.0

58 71.6 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



#50

Toluene-d8

Concen: 50.256 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014648.D

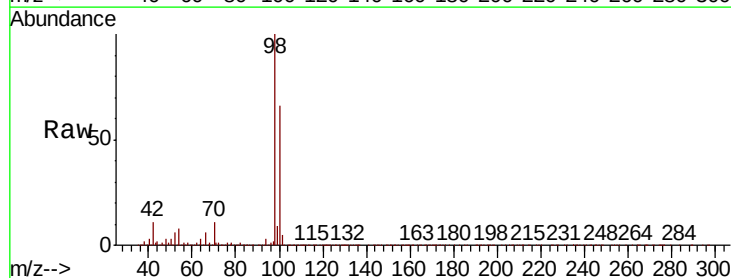
Acq: 17 Jan 2020 12:38

Tgt Ion: 98 Resp: 775469

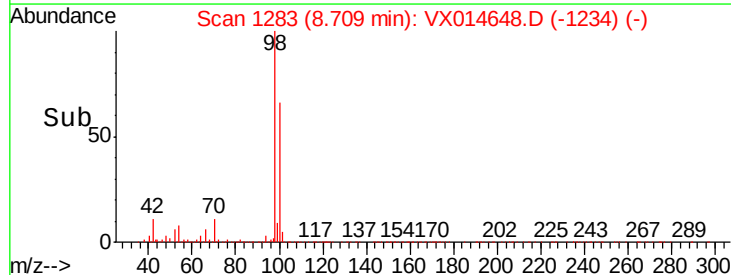
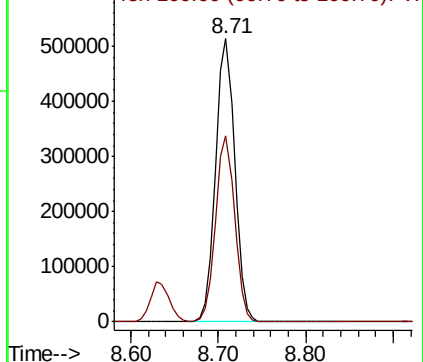
Ion Ratio Lower Upper

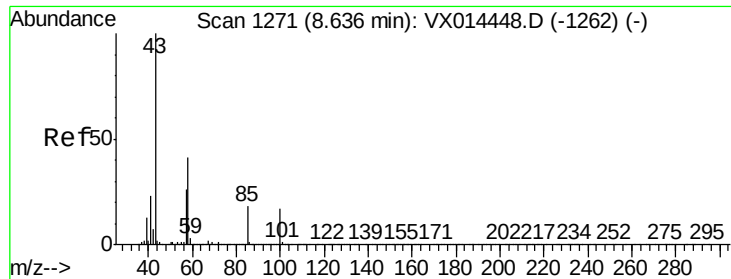
98 100

100 65.7 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.071 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

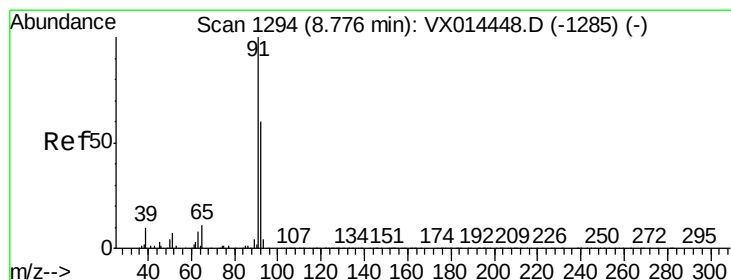
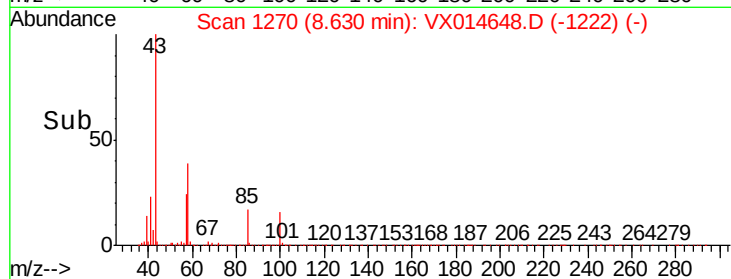
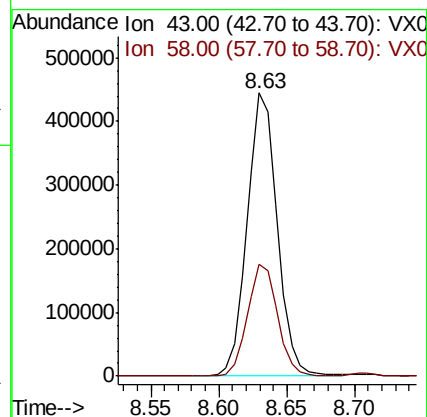
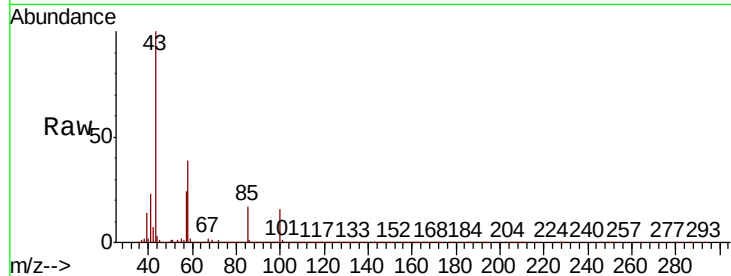
ClientSampleId :

Tot Ion: 43 Resp: 687376

Ion Ratio Lower Upper

43 100

58 39.5 32.4 48.6



#52

Toluene

Concen: 19.221 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014648.D

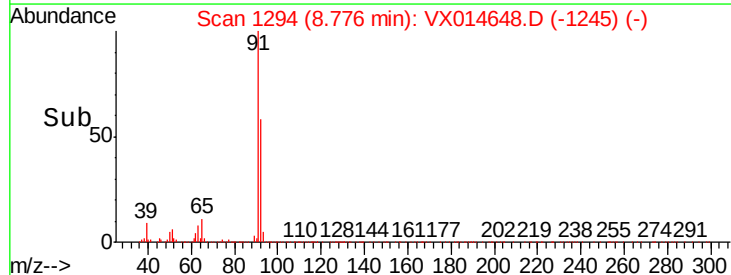
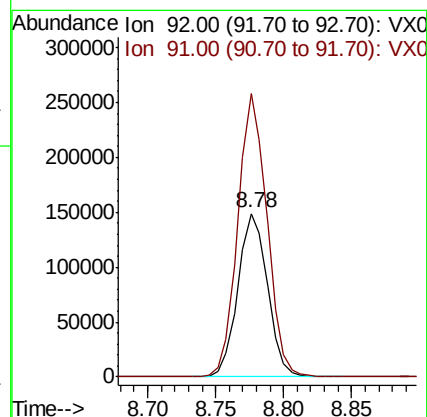
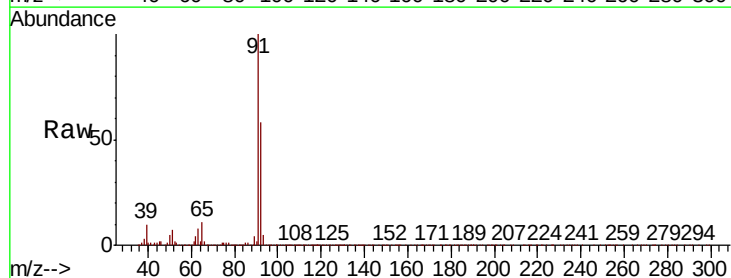
Acq: 17 Jan 2020 12:38

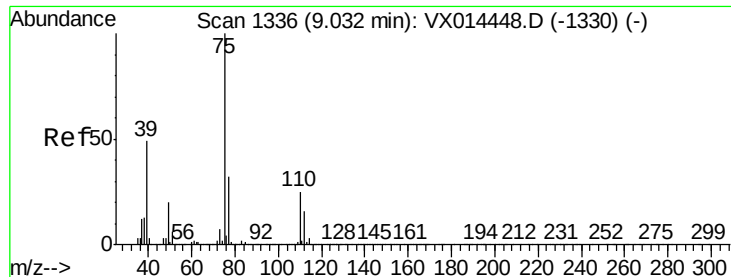
Tgt Ion: 92 Resp: 225571

Ion Ratio Lower Upper

92 100

91 170.8 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.484 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

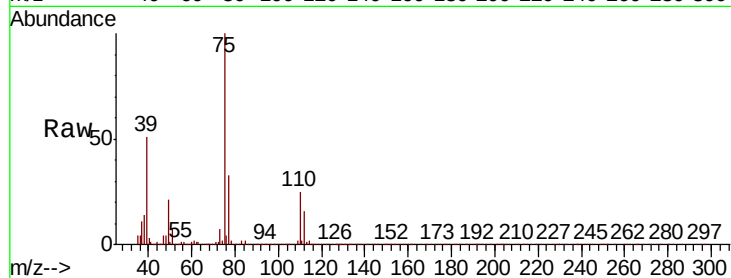
ClientSampleId :

Tot Ion: 75 Resp: 127746

Ion Ratio Lower Upper

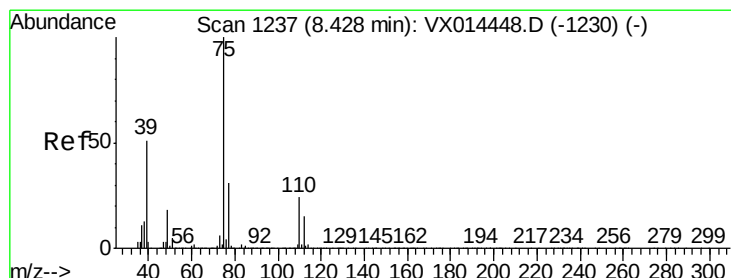
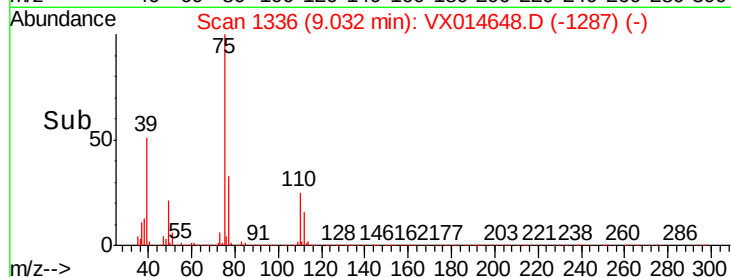
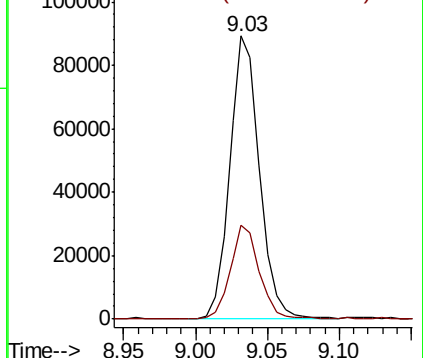
75 100

77 33.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.423 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

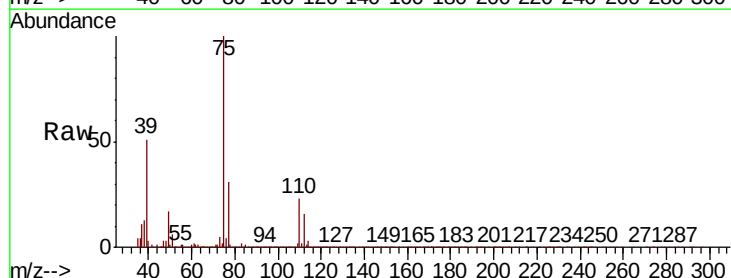
Tgt Ion: 75 Resp: 145005

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

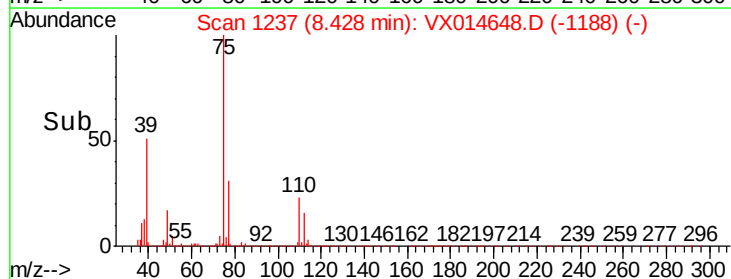
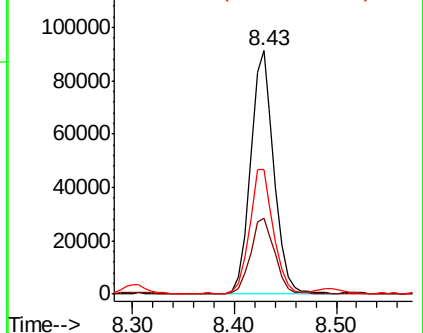
39 50.8 40.7 61.1

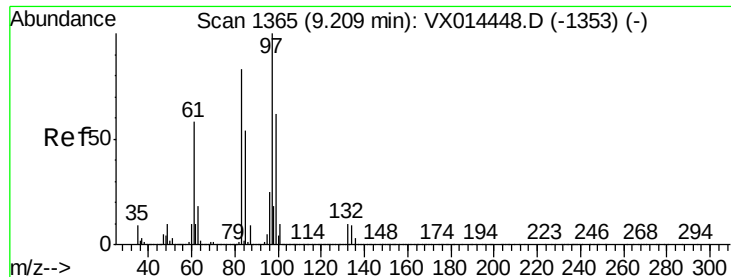


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.749 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 93094

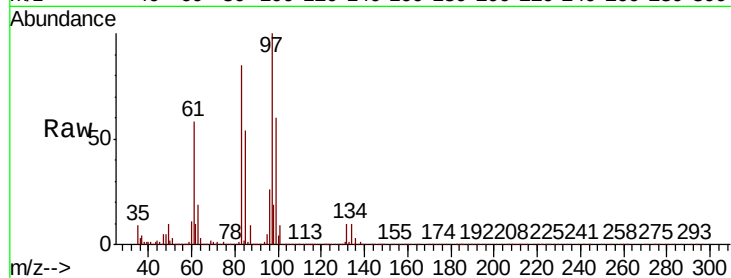
Ion Ratio Lower Upper

97 100

83 84.5 66.4 99.6

85 54.2 43.4 65.2

99 60.1 49.6 74.4

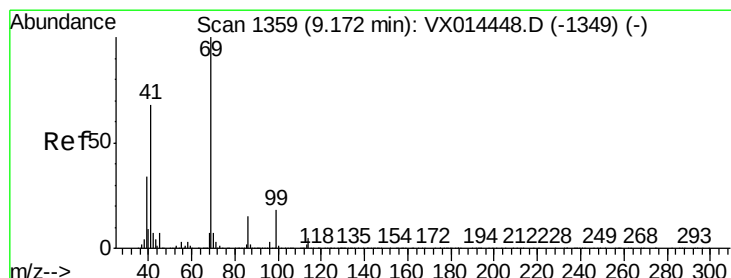
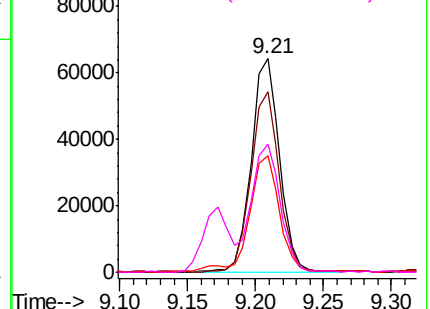
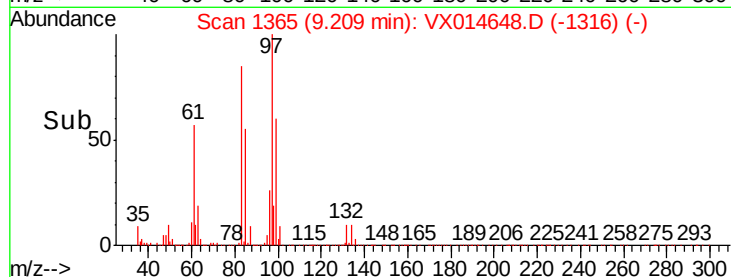


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.843 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

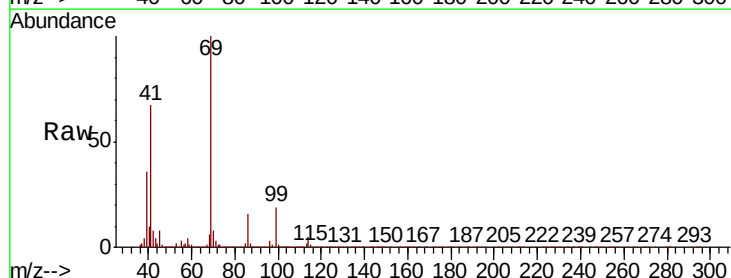
Tgt Ion: 69 Resp: 143301

Ion Ratio Lower Upper

69 100

41 68.1 54.2 81.2

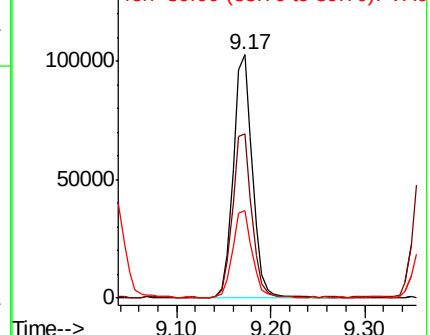
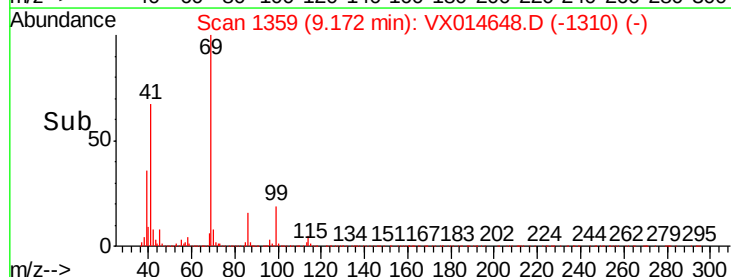
39 37.9 28.2 42.2

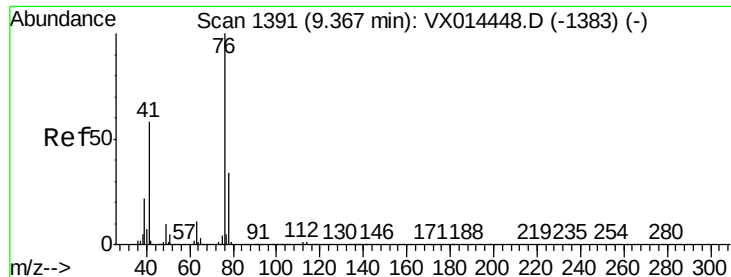


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.423 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

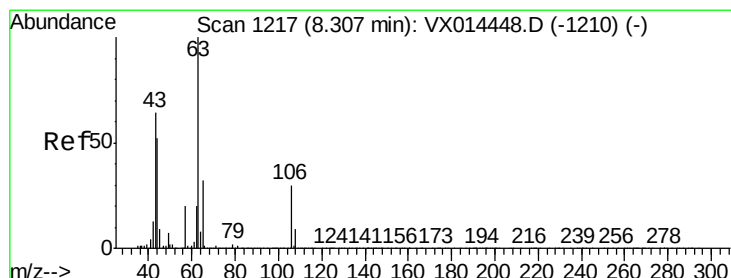
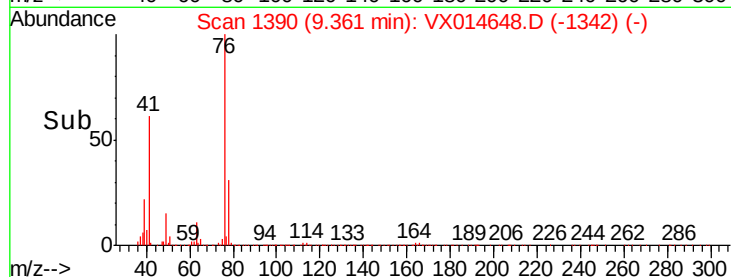
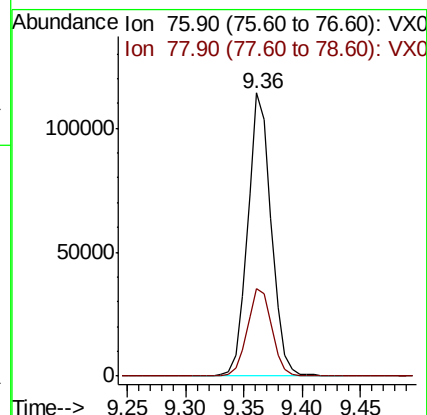
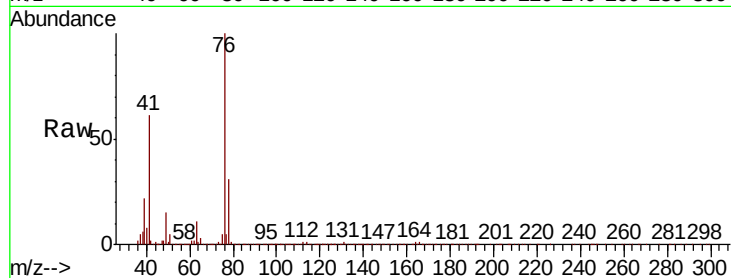
ClientSampled :

Tot Ion: 76 Resp: 160965

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.998 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014648.D

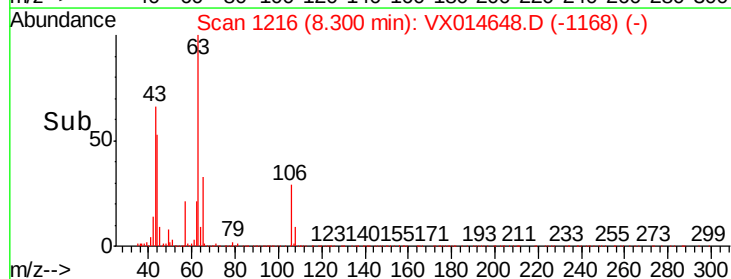
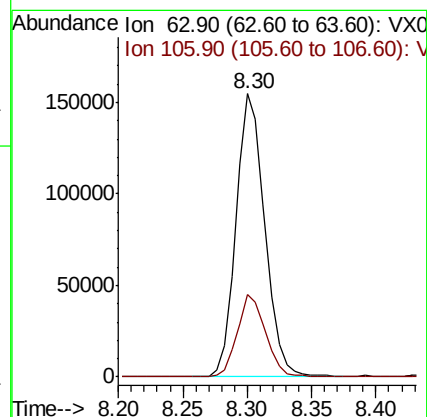
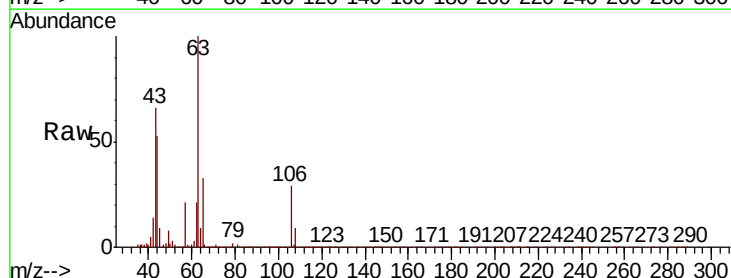
Acq: 17 Jan 2020 12:38

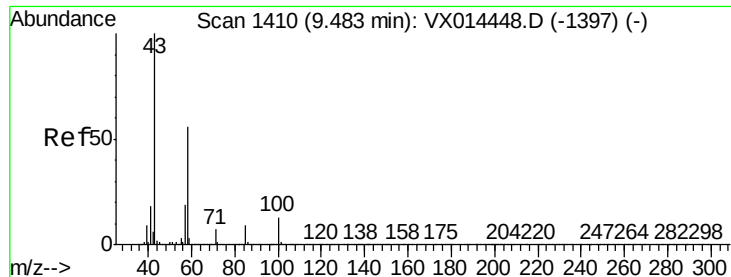
Tgt Ion: 63 Resp: 240794

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4

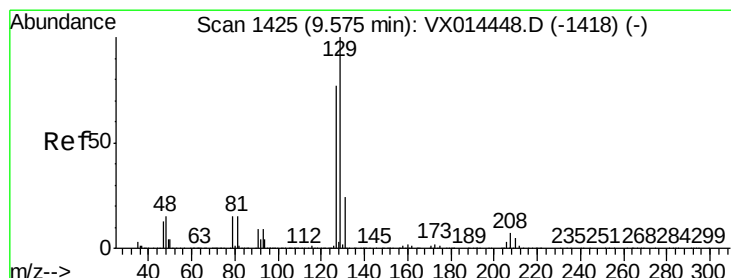
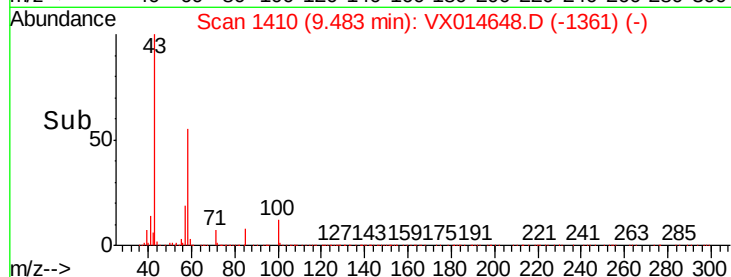
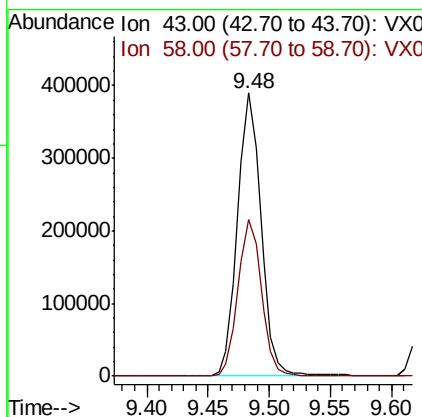
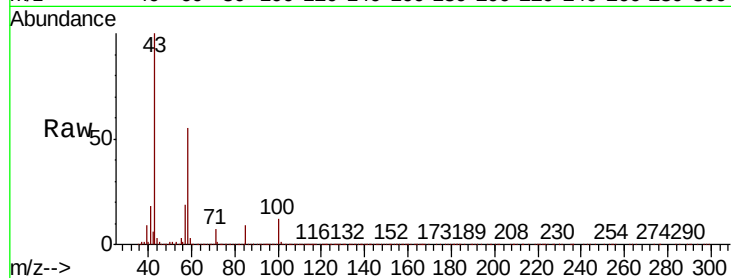




#59
2-Hexanone
Concen: 99.203 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

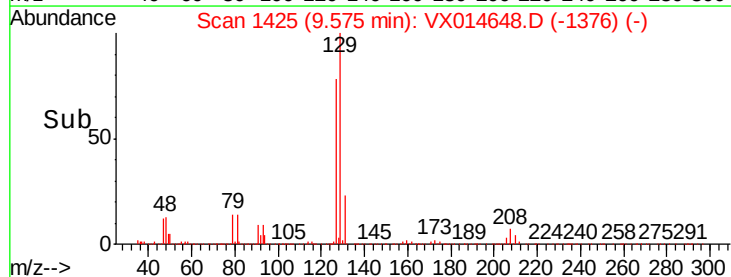
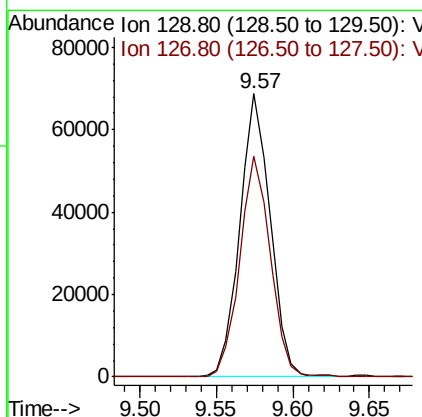
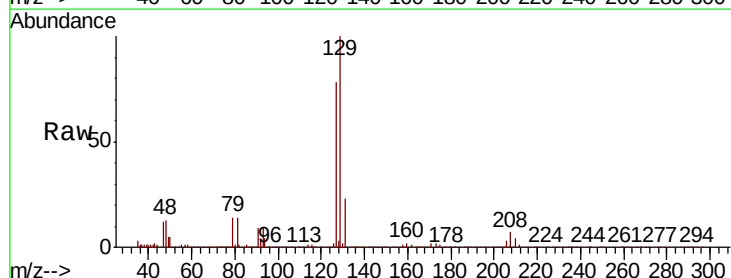
Instrument :
MSVOA_X
ClientSampleId :

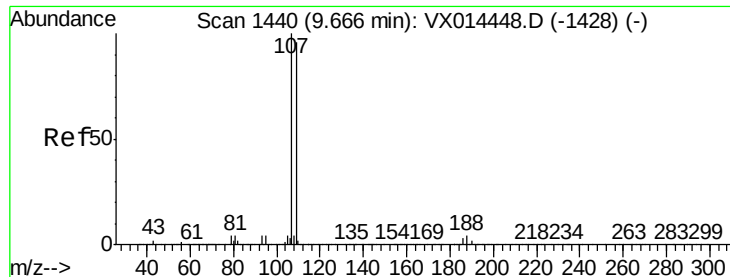
Tot Ion: 43 Resp: 518441
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7



#60
Dibromochloromethane
Concen: 19.910 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion:129 Resp: 94332
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.496 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

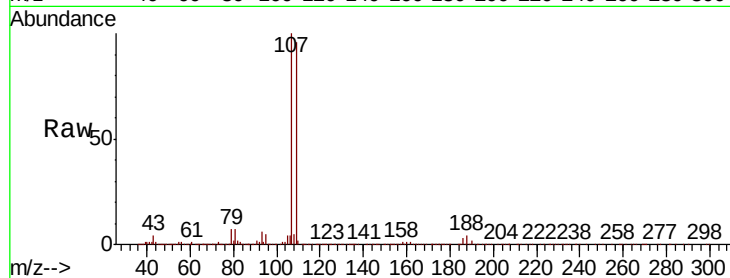
ClientSampleId :

Tot Ion:107 Resp: 97352

Ion Ratio Lower Upper

107 100

109 93.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

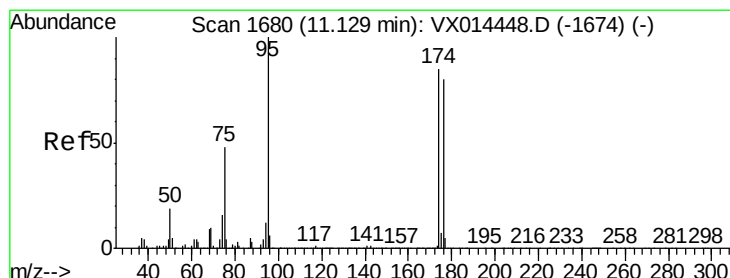
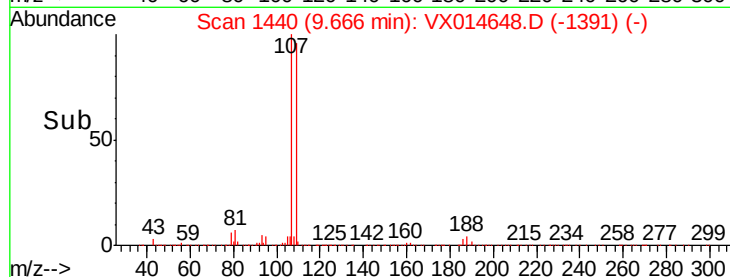
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.827 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

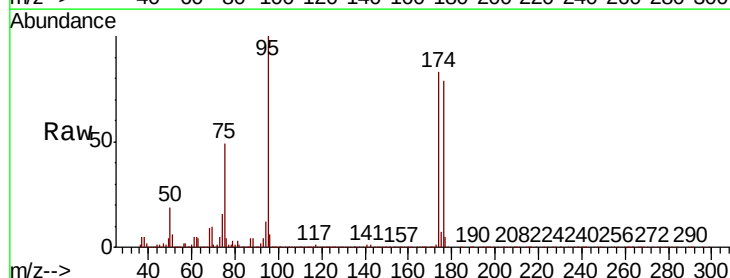
Tgt Ion: 95 Resp: 276584

Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.8

176 85.5 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

300000

250000

200000

150000

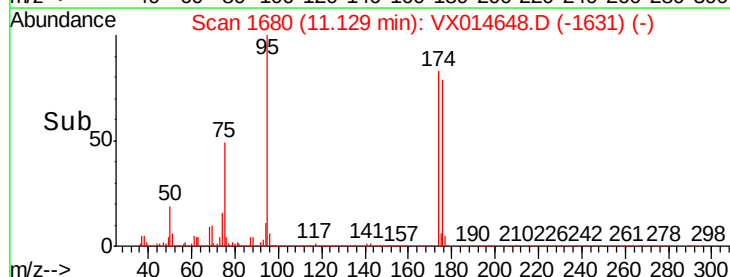
100000

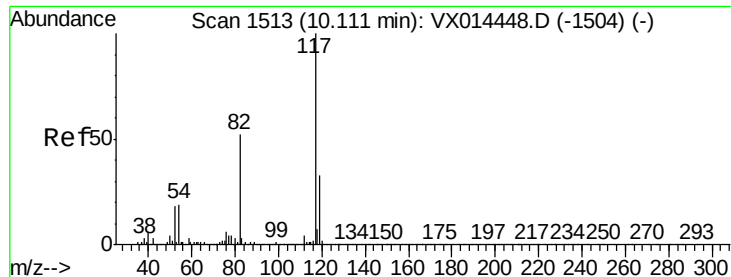
50000

0

11.00 11.10 11.20

Time-->

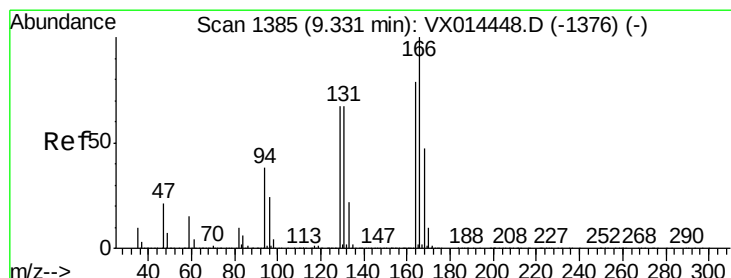
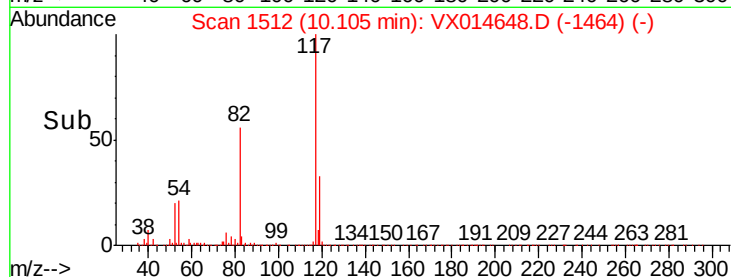
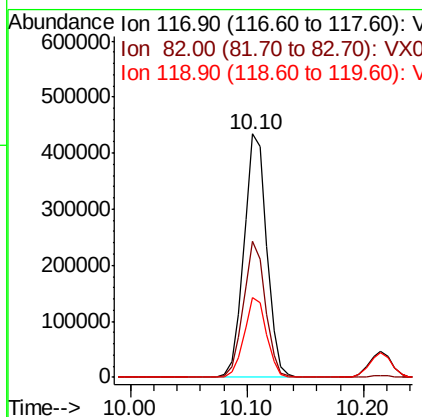
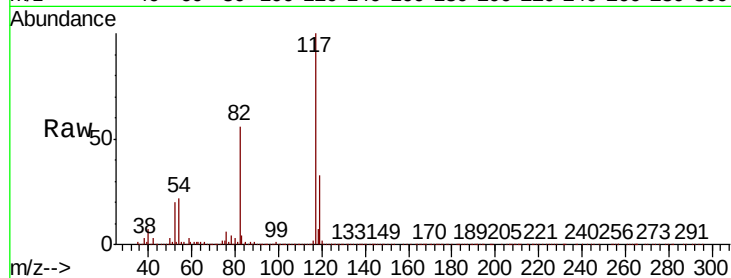




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

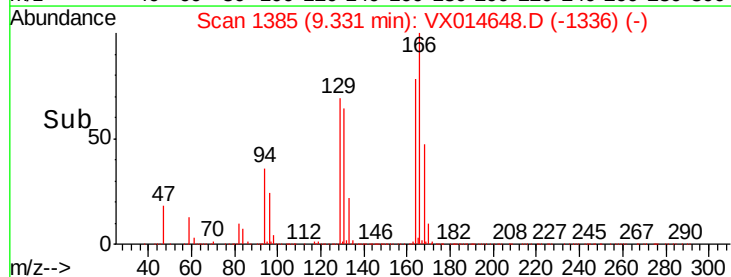
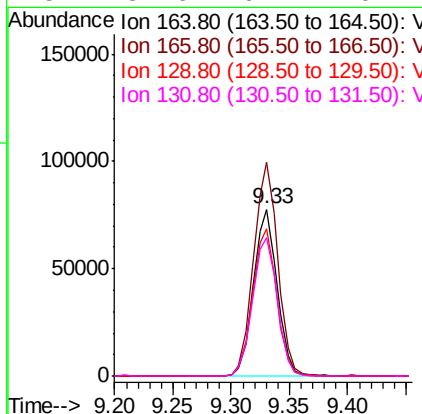
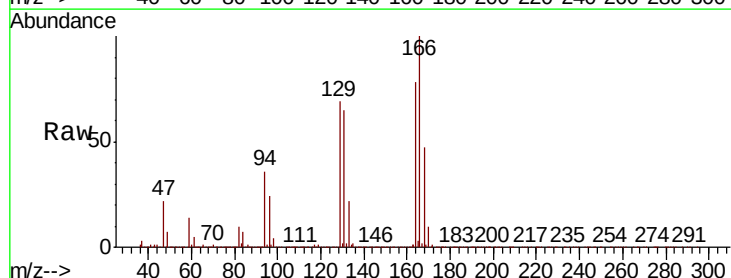
Instrument :
MSVOA_X
ClientSampled :

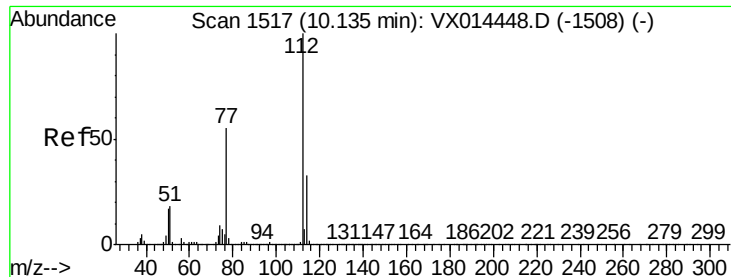
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.6
119	32.5	26.2	39.4



#64
Tetrachloroethene
Concen: 18.529 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.2	151.8
129	87.9	68.3	102.5
131	82.6	67.4	101.2





#65

Chlorobenzene

Concen: 19.090 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

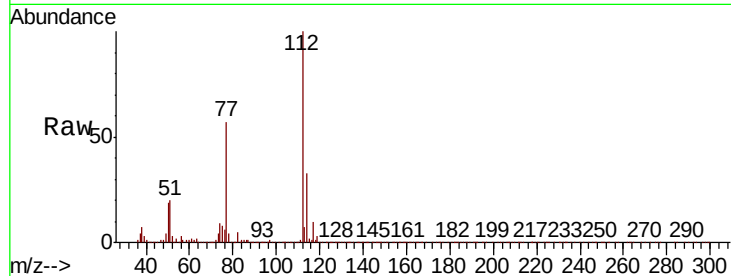
ClientSampleId :

Tot Ion:112 Resp: 245433

Ion Ratio Lower Upper

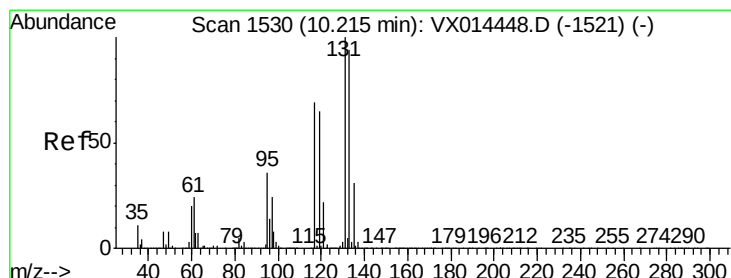
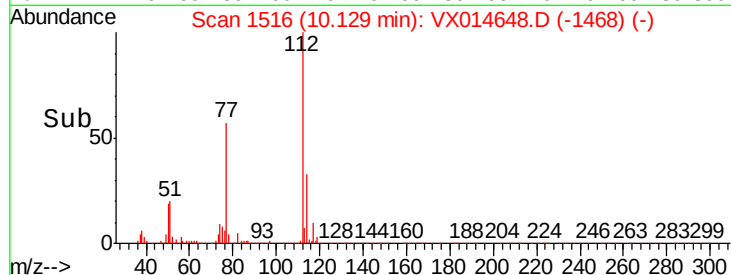
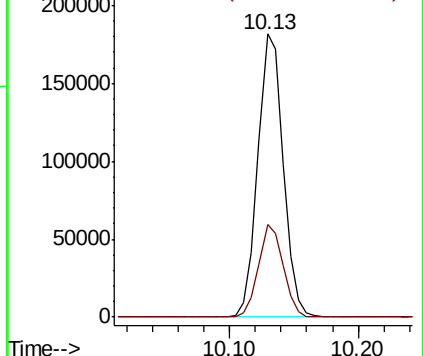
112 100

114 32.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.629 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

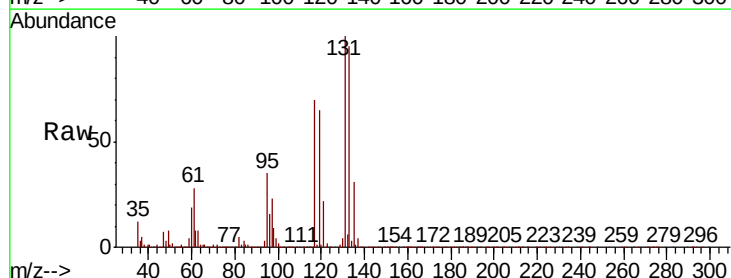
Tgt Ion:131 Resp: 90059

Ion Ratio Lower Upper

131 100

133 94.1 47.3 142.0

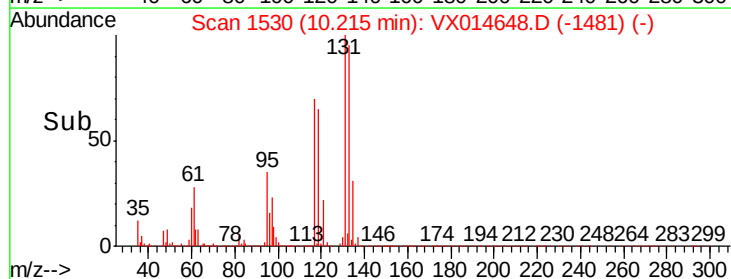
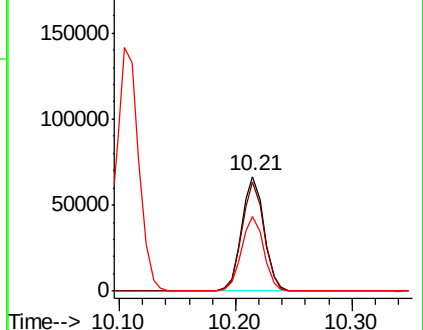
119 64.7 32.8 98.4

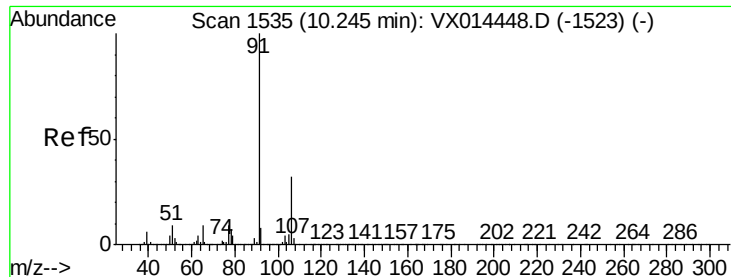


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

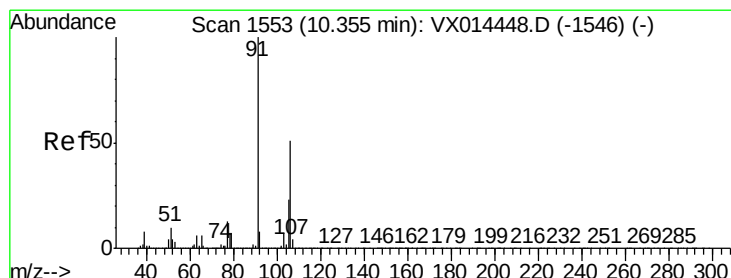
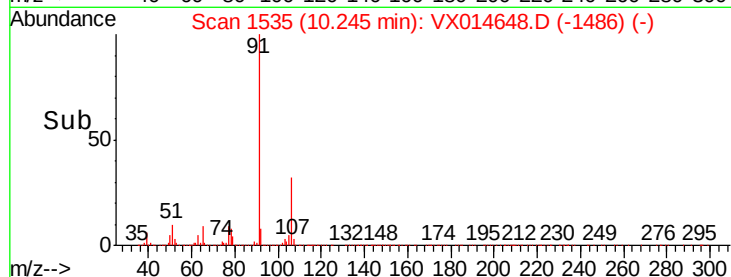
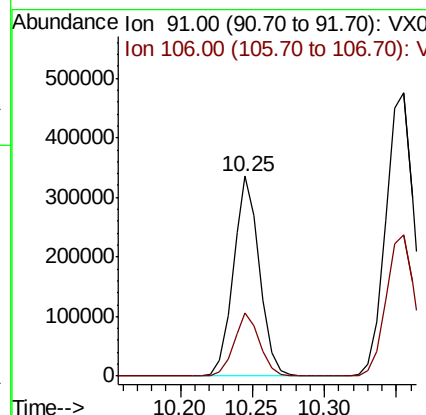
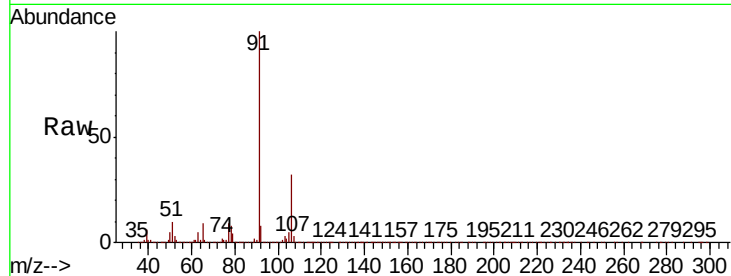




#67
Ethyl Benzene
Concen: 19.307 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

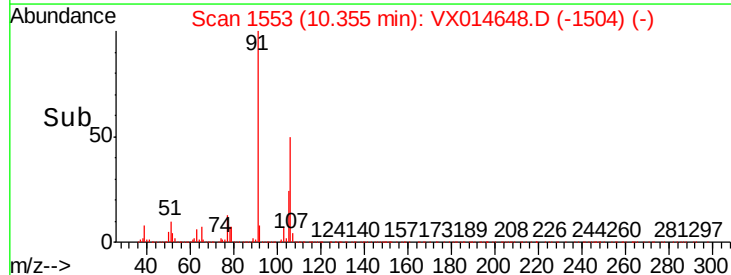
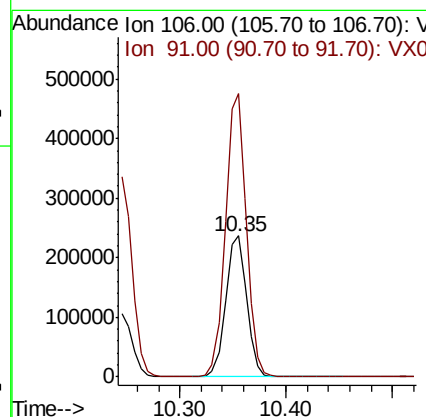
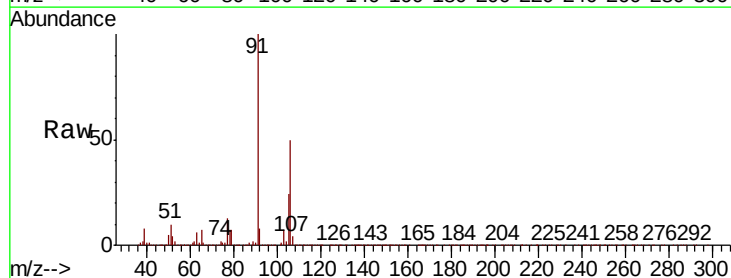
Instrument :
MSVOA_X
ClientSampled :

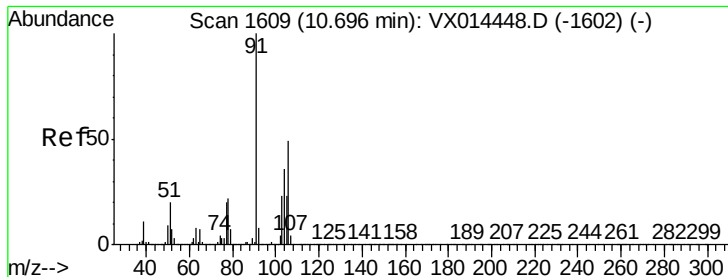
Tot Ion: 91 Resp: 423081
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4



#68
m/p-Xylenes
Concen: 38.336 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 106 Resp: 324097
Ion Ratio Lower Upper
106 100
91 199.1 157.4 236.0

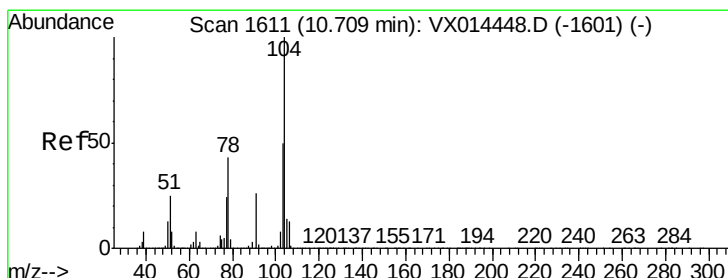
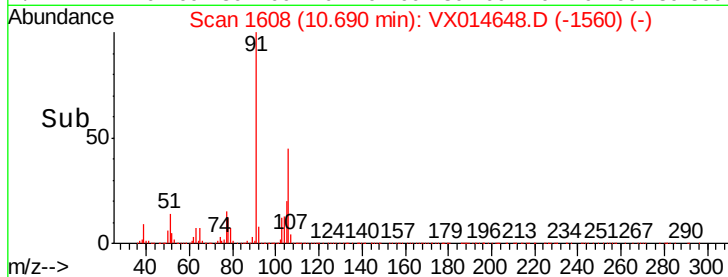
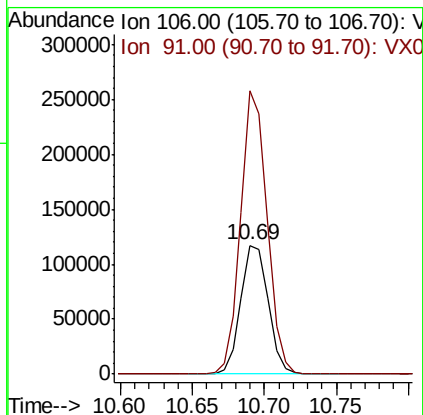
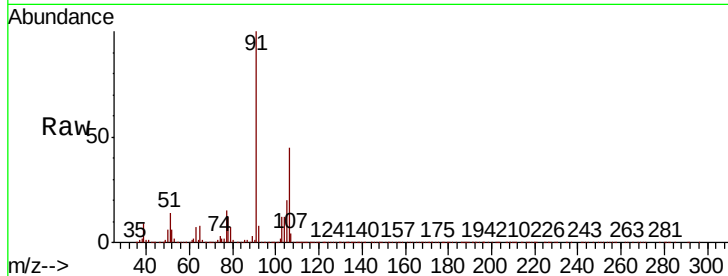




#69
o-Xylene
Concen: 19.382 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

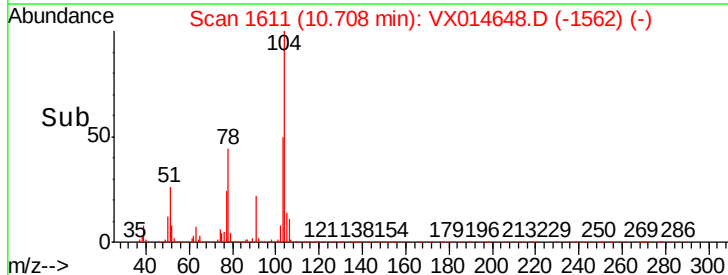
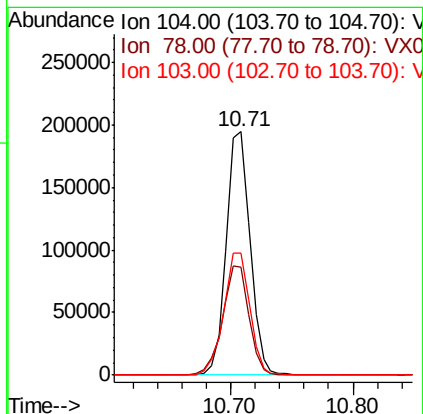
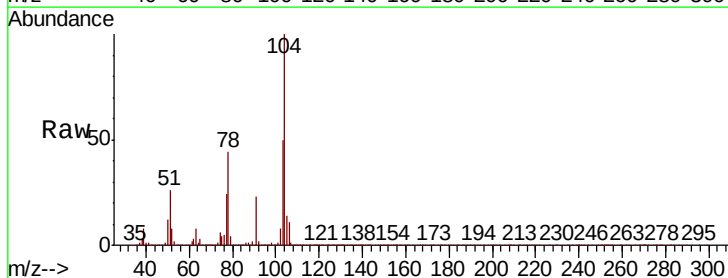
Instrument :
MSVOA_X
ClientSampled :

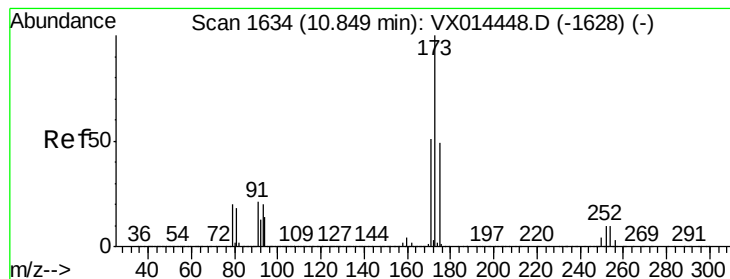
Tot Ion:106 Resp: 156343
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1



#70
Styrene
Concen: 18.872 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion:104 Resp: 262710
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 55.0 43.7 65.5





#71

Bromoform

Concen: 18.340 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

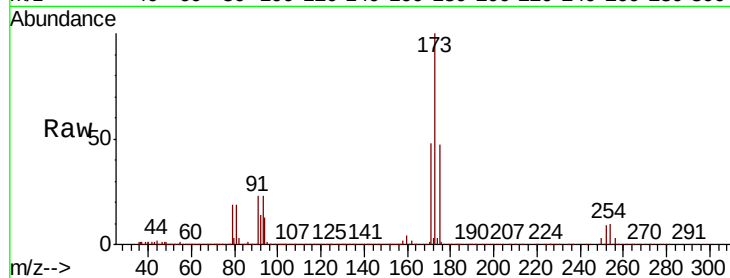
Tot Ion:173 Resp: 68846

Ion Ratio Lower Upper

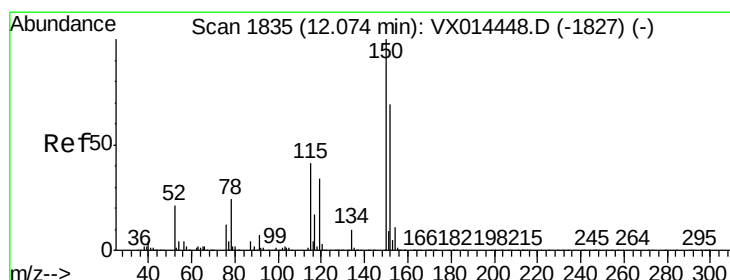
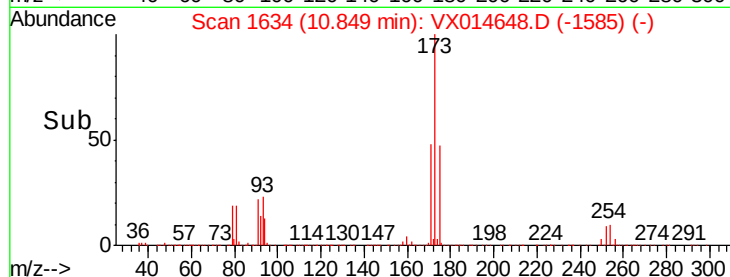
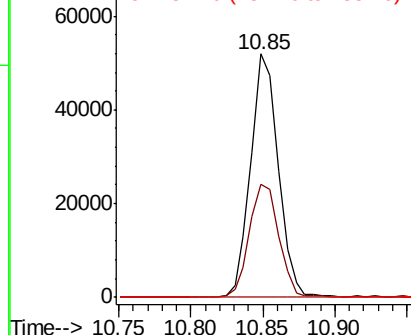
173 100

175 50.2 24.3 72.8

254 0.5 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

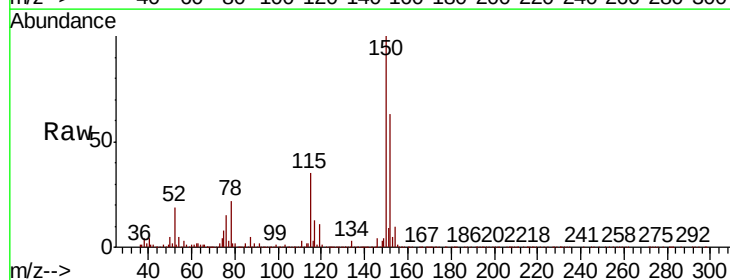
Tgt Ion:152 Resp: 300065

Ion Ratio Lower Upper

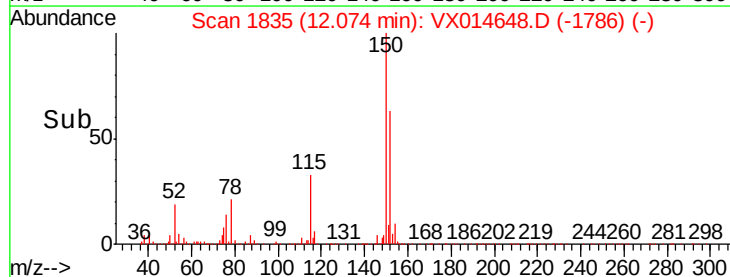
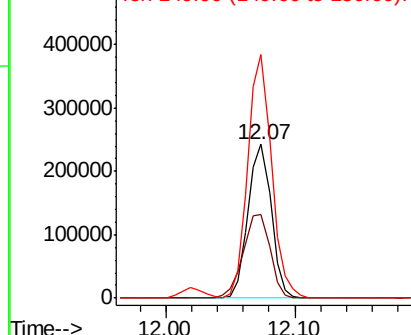
152 100

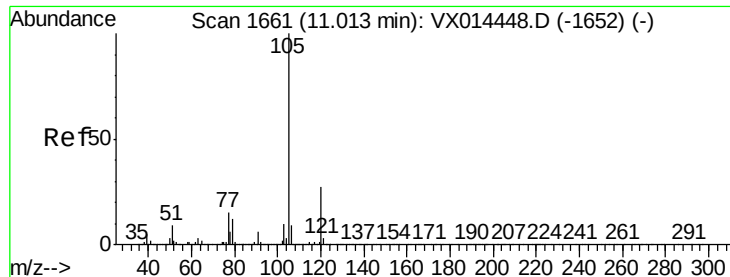
115 63.6 39.5 118.3

150 162.4 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.730 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

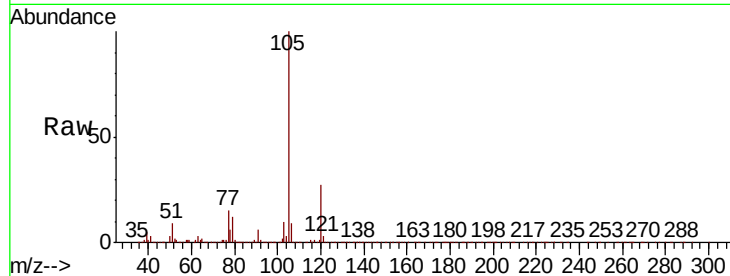
ClientSampleId :

Tot Ion:105 Resp: 415736

Ion Ratio Lower Upper

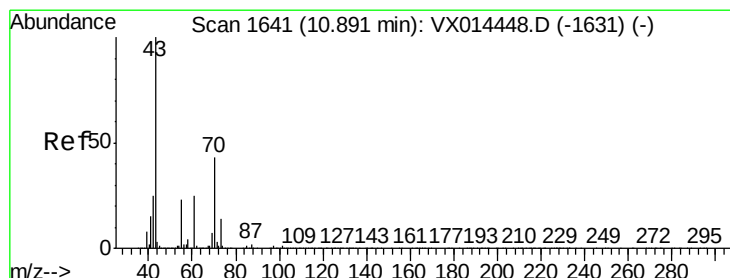
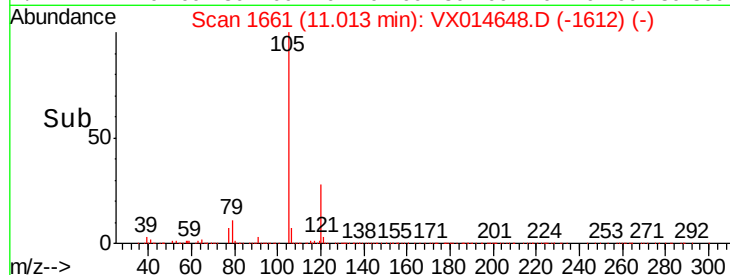
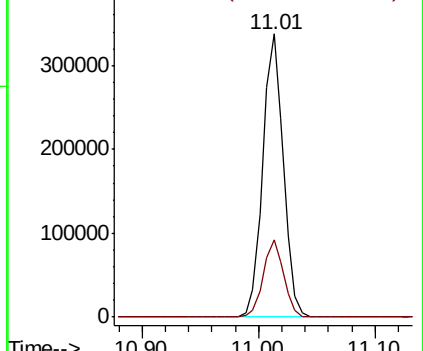
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.413 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion: 43 Resp: 180469

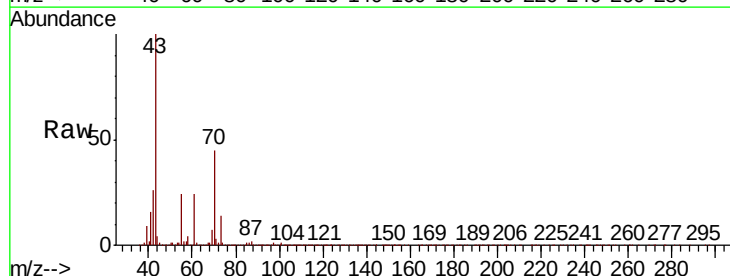
Ion Ratio Lower Upper

43 100

70 43.4 35.1 52.7

55 25.0 19.3 28.9

61 24.7 20.0 30.0

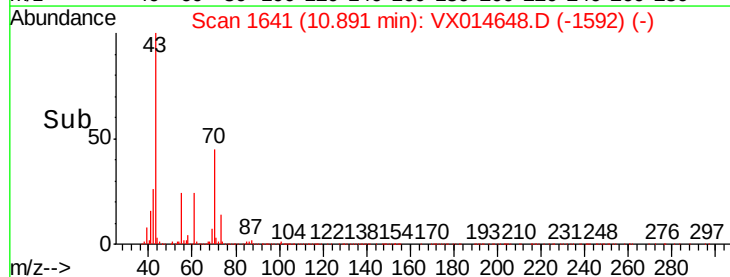
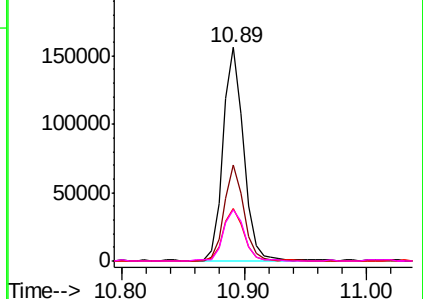


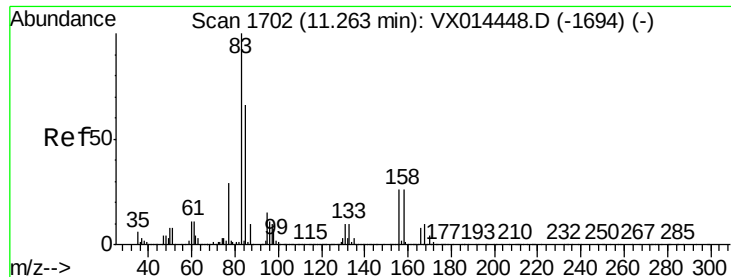
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.716 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampled :

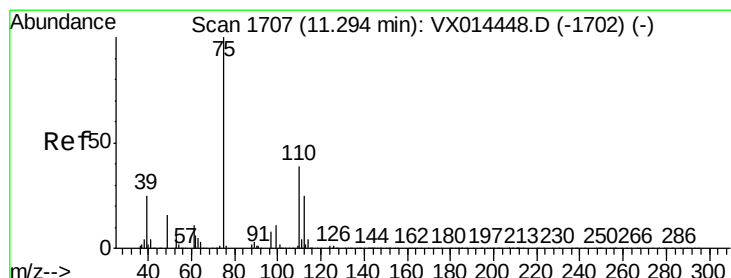
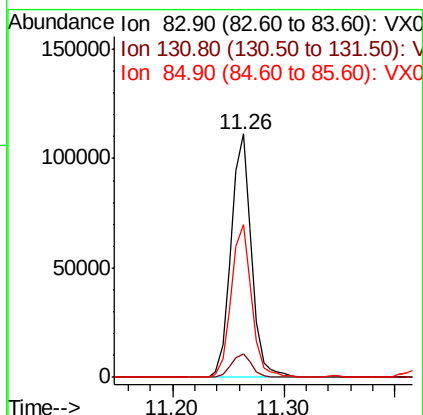
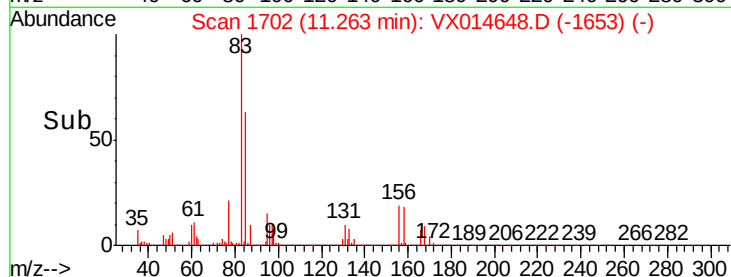
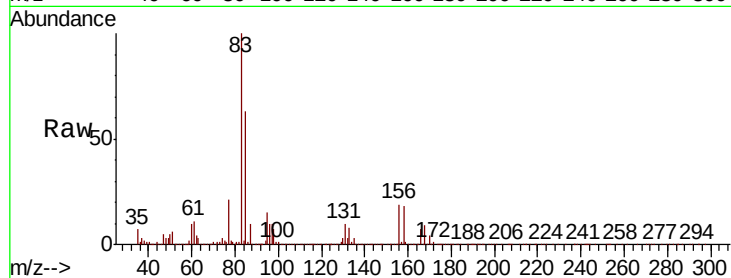
Tot Ion: 83 Resp: 139986

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 62.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 25.522 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014648.D

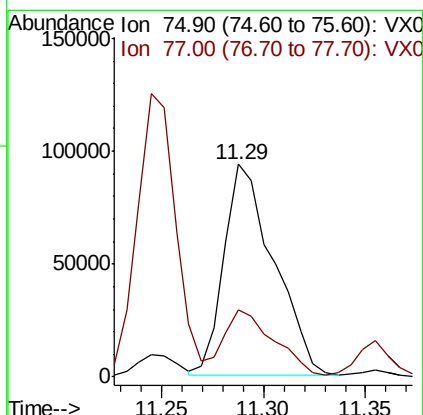
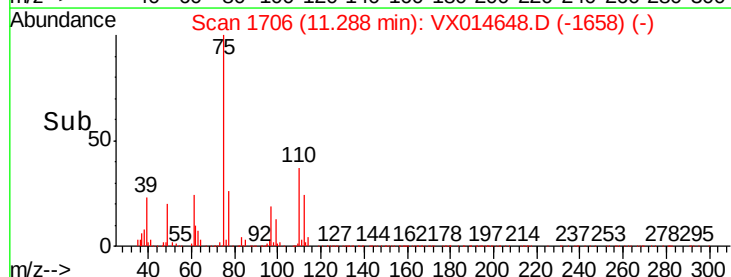
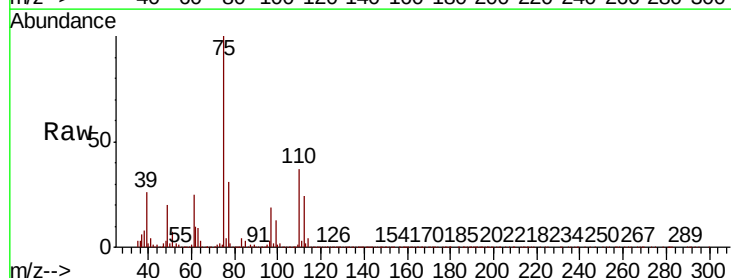
Acq: 17 Jan 2020 12:38

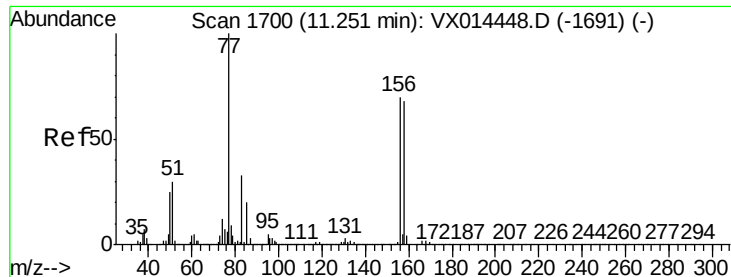
Tgt Ion: 75 Resp: 158450

Ion Ratio Lower Upper

75 100

77 32.0 21.9 65.7





#77

Bromobenzene

Concen: 18.846 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

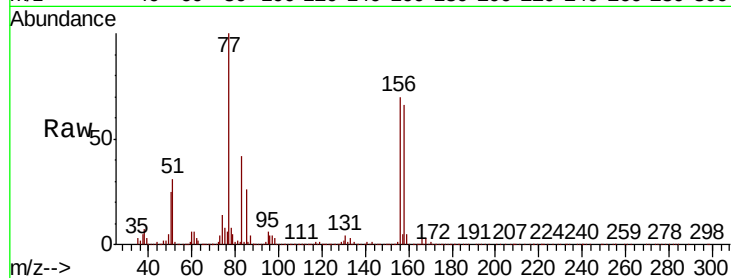
Tot Ion:156 Resp: 110124

Ion Ratio Lower Upper

156 100

77 149.6 75.4 226.3

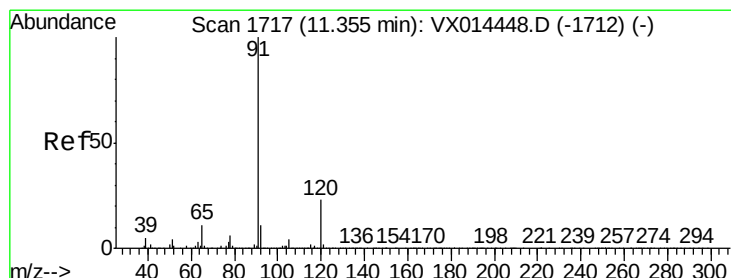
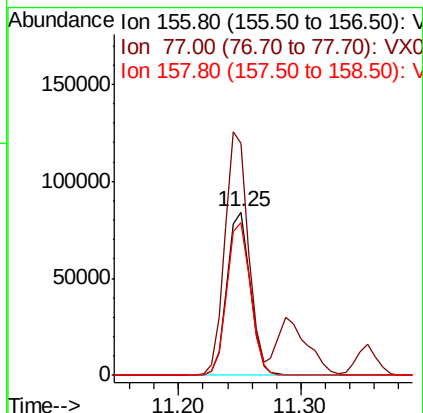
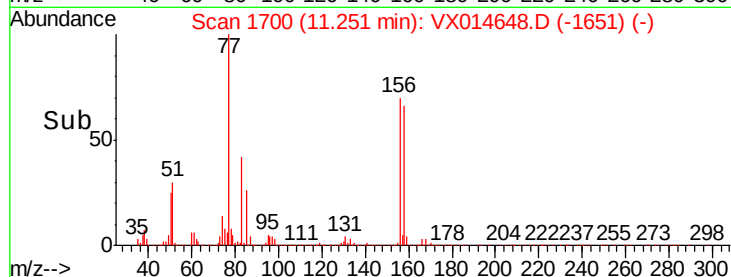
158 94.9 48.8 146.3



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: 19.542 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014648.D

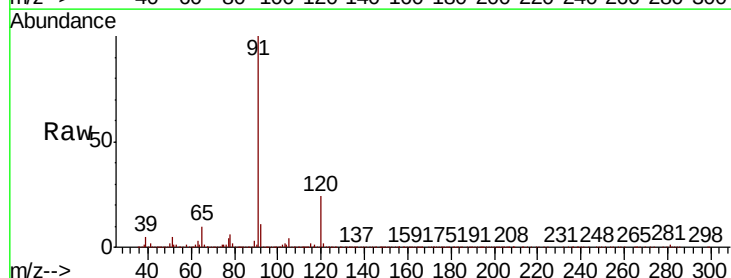
Acq: 17 Jan 2020 12:38

Tgt Ion: 91 Resp: 471577

Ion Ratio Lower Upper

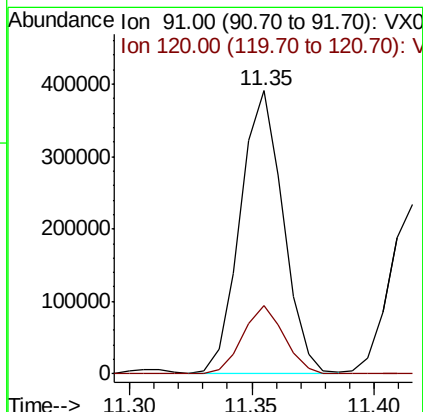
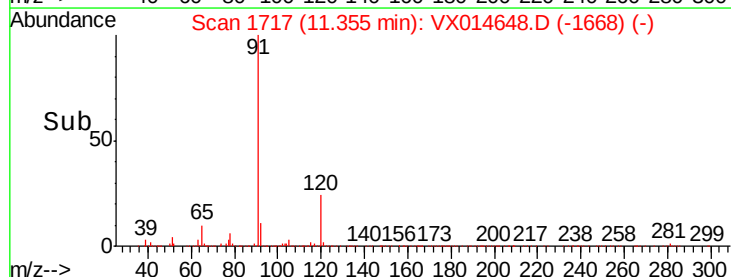
91 100

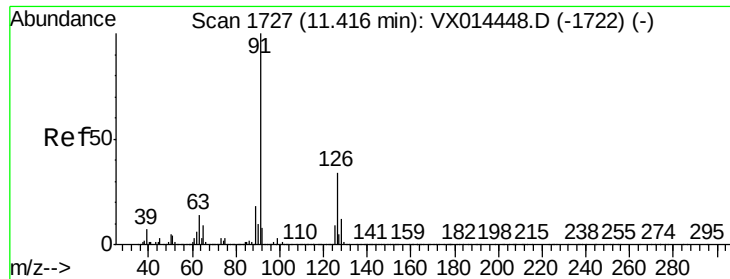
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

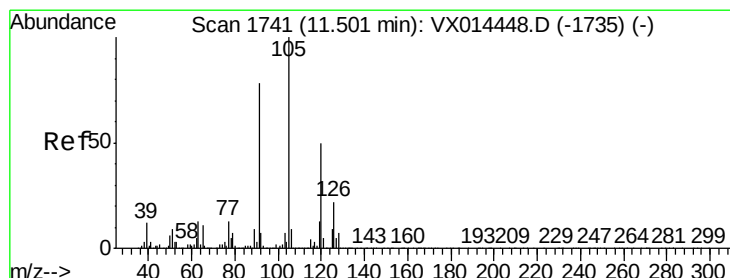
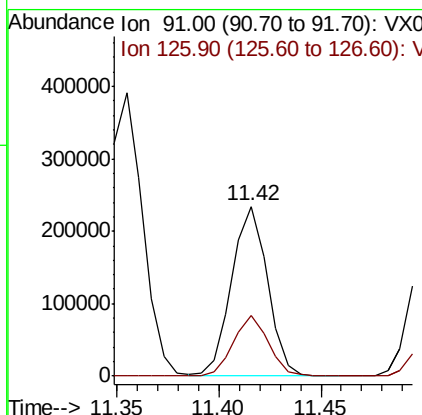
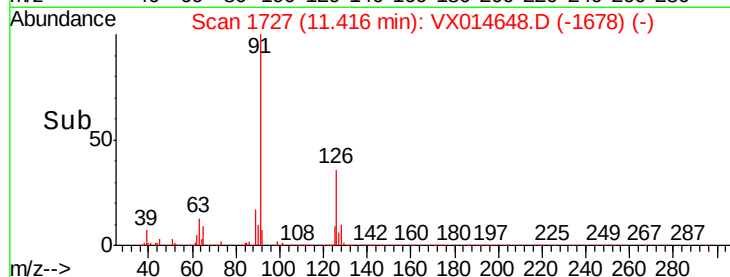
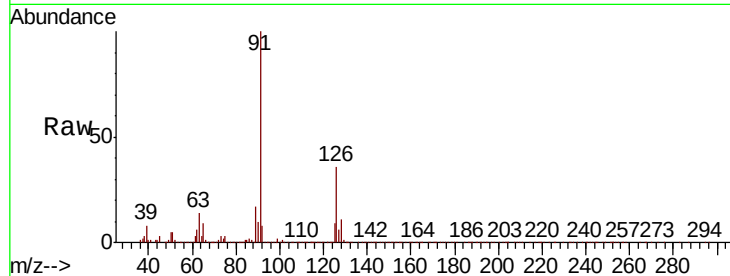




#79
2-Chlorotoluene
Concen: 19.713 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

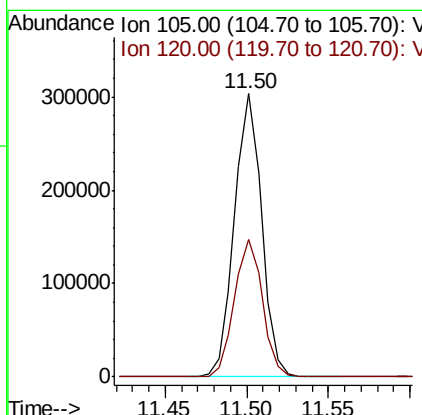
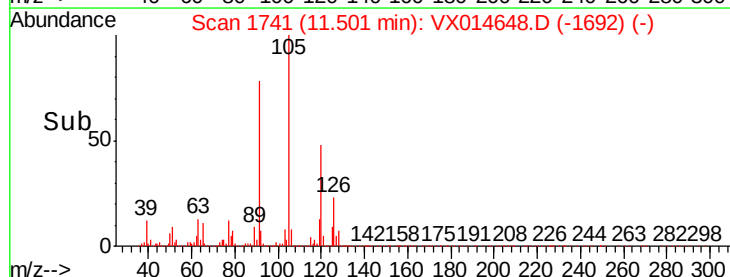
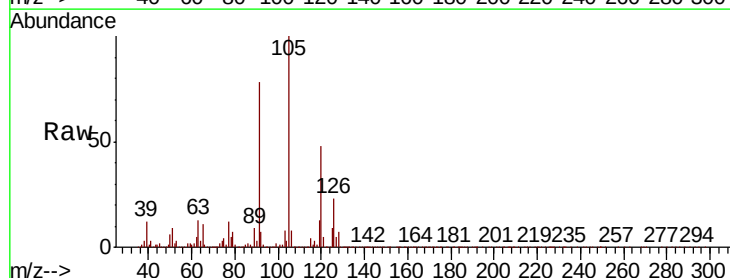
Instrument :
MSVOA_X
ClientSampled :

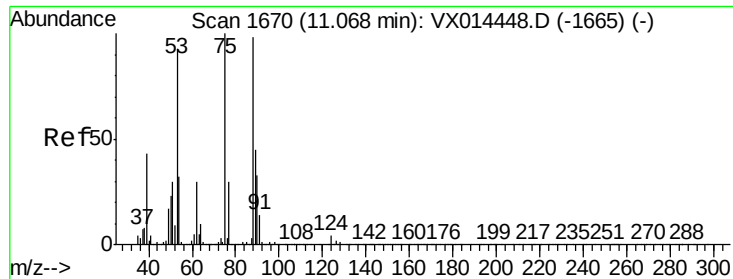
Tot Ion: 91 Resp: 283514
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.187 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 105 Resp: 353147
Ion Ratio Lower Upper
105 100
120 50.0 25.2 75.6

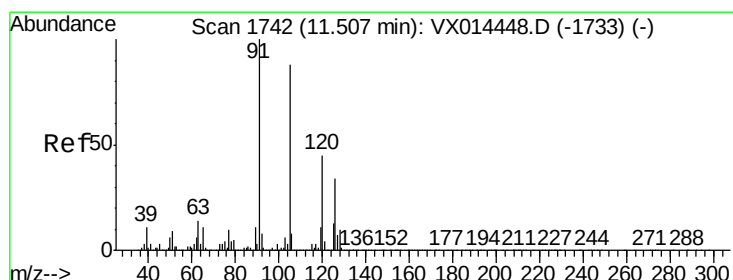
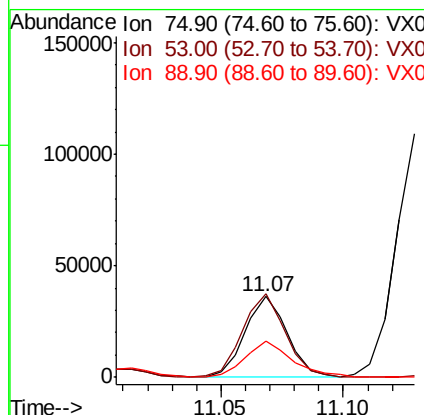
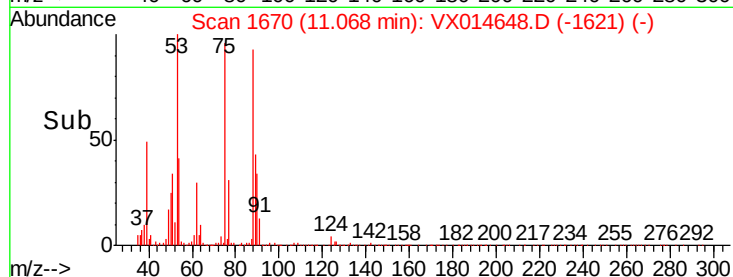
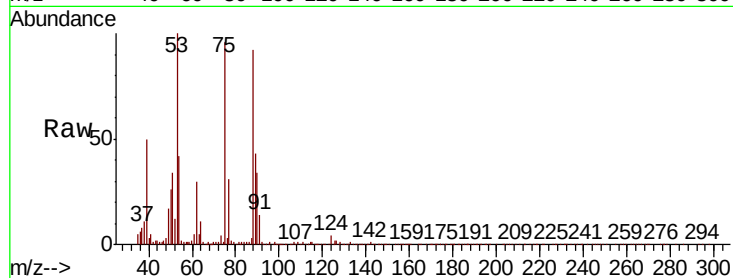




#81
trans-1,4-Dichloro-2-butene
Concen: 18.183 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

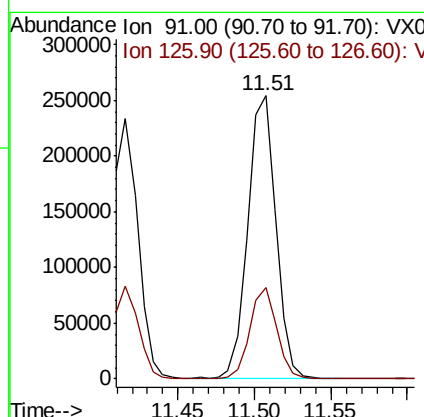
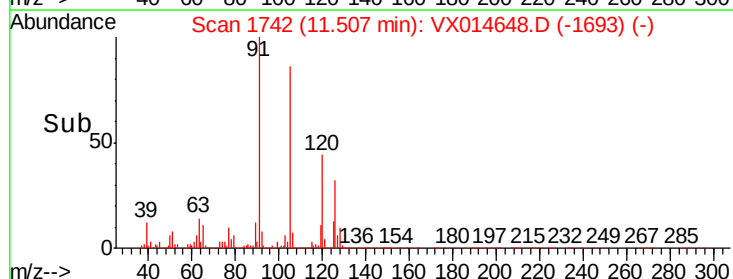
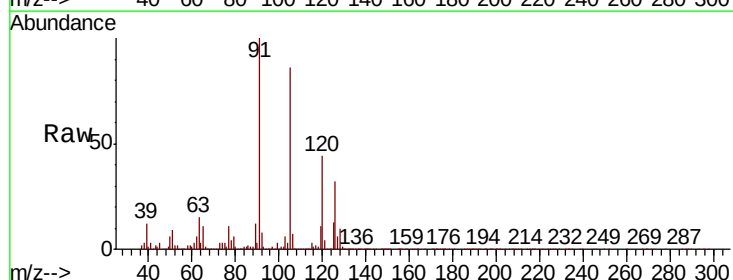
Instrument :
MSVOA_X
ClientSampled :

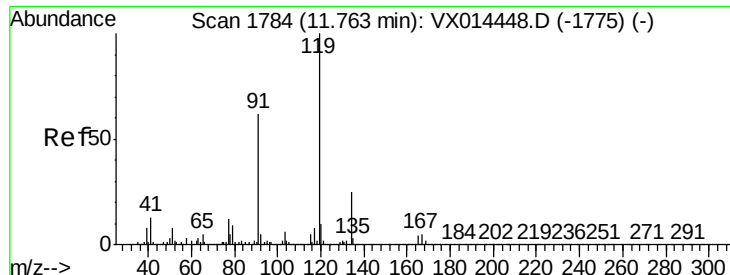
Tot Ion: 75 Resp: 42698
Ion Ratio Lower Upper
75 100
53 105.3 74.8 112.2
89 50.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.125 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 91 Resp: 322862
Ion Ratio Lower Upper
91 100
126 30.6 15.9 47.7

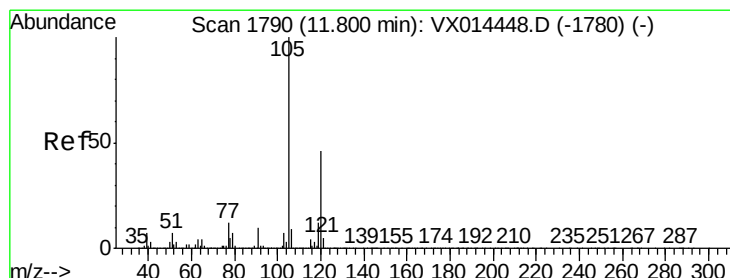
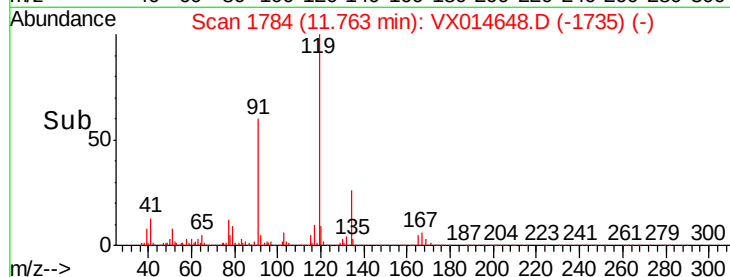
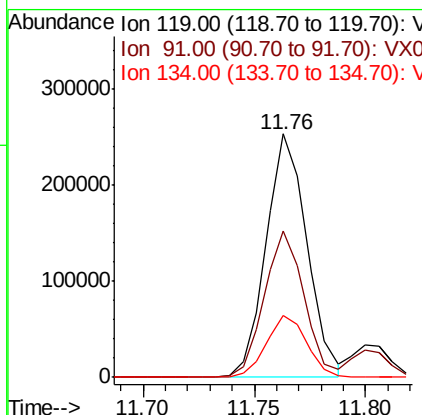
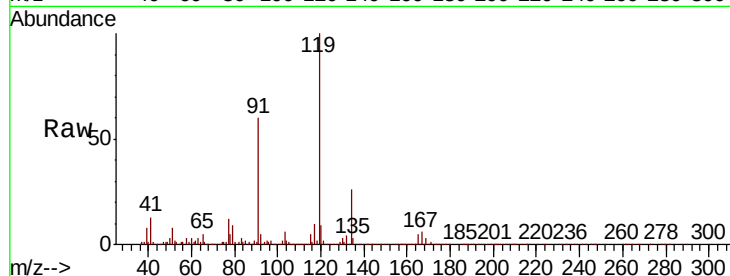




#83
 tert-Butylbenzene
 Concen: 19.529 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

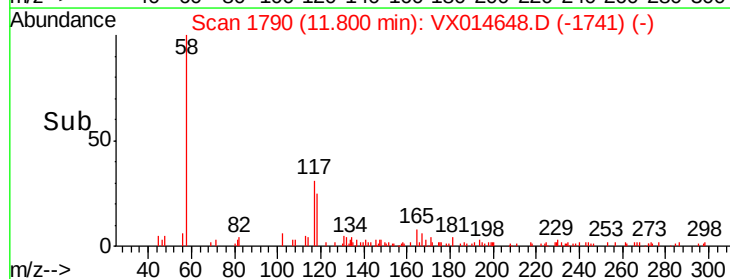
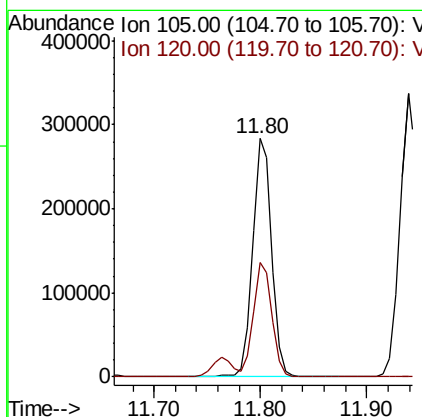
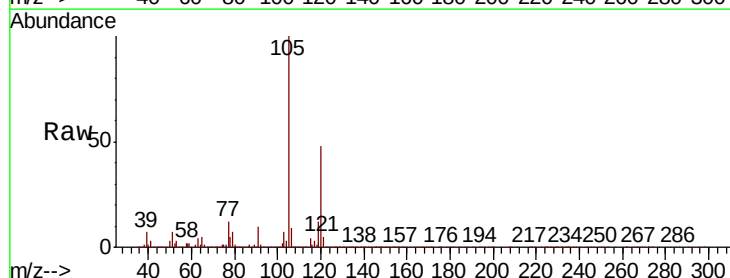
Instrument :
 MSVOA_X
 ClientSampleId :

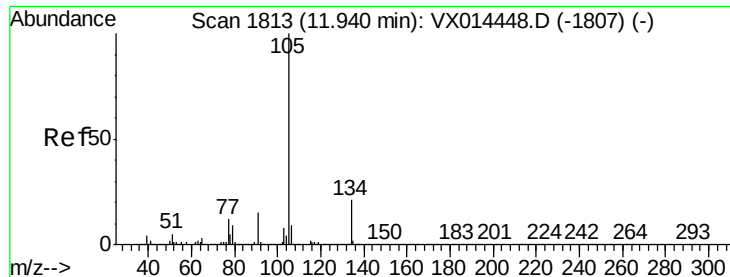
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.3	88.0
134	25.2	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.871 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.505 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

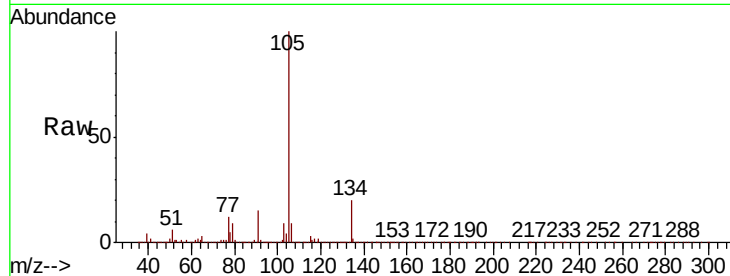
ClientSampleId :

Tot Ion:105 Resp: 400794

Ion Ratio Lower Upper

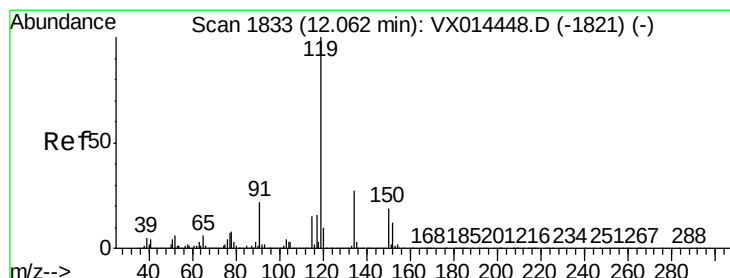
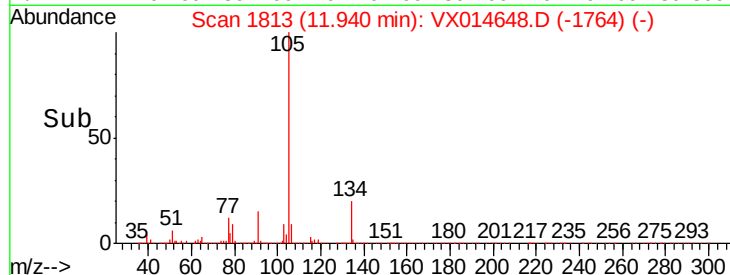
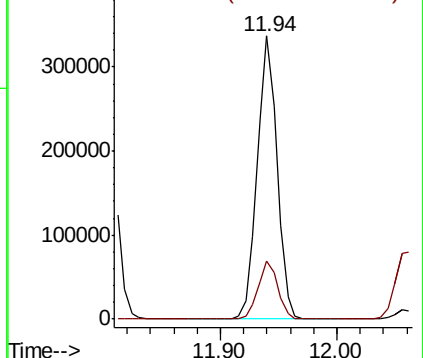
105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.449 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

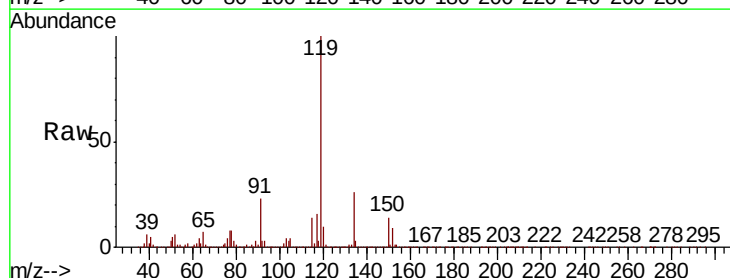
Tgt Ion:119 Resp: 370853

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

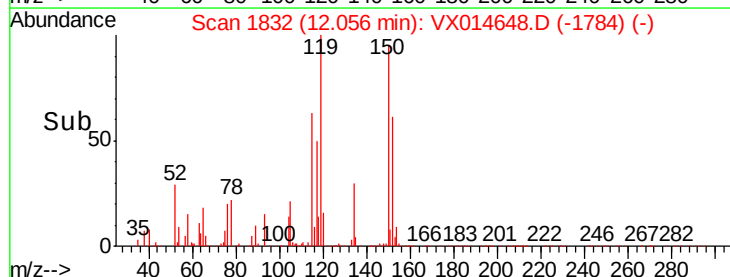
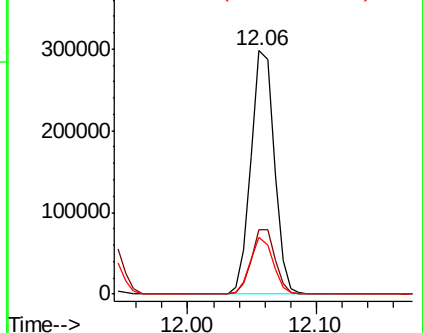
91 22.6 11.1 33.3

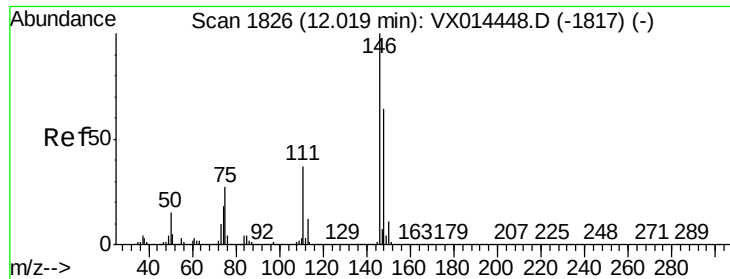


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

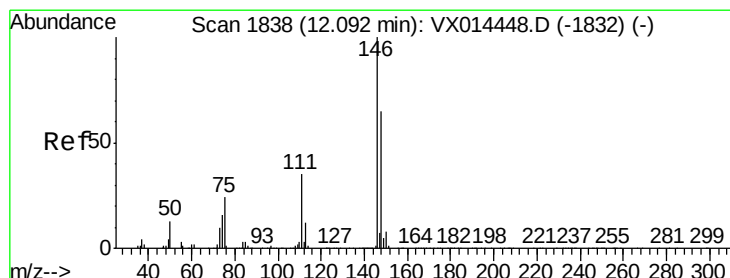
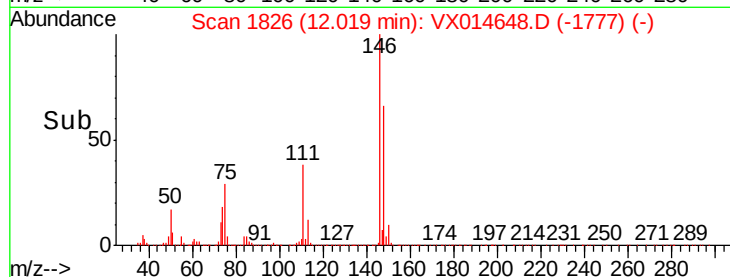
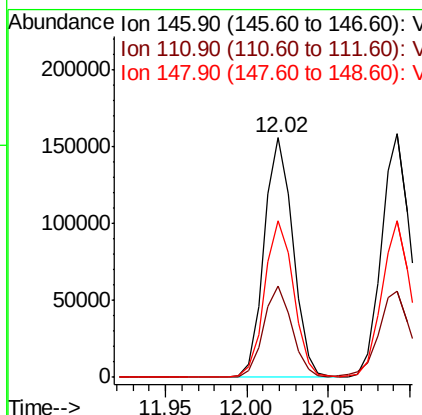
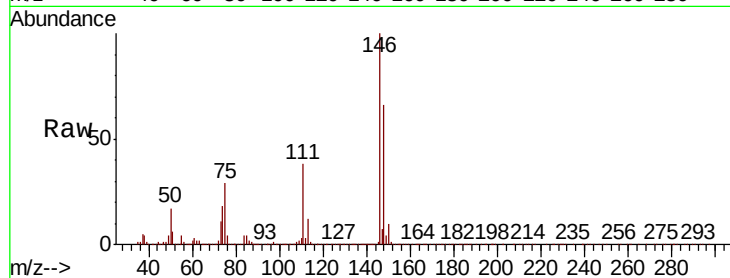




#87
 1,3-Dichlorobenzene
 Concen: 18.124 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

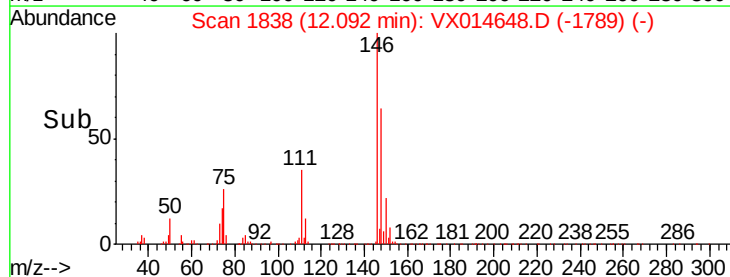
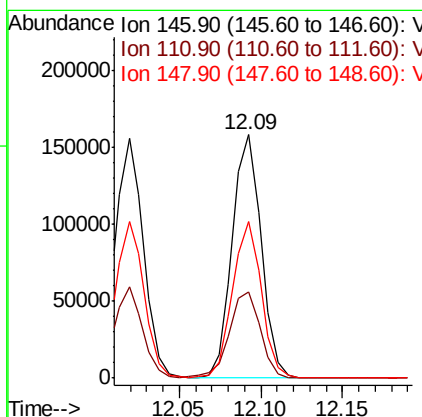
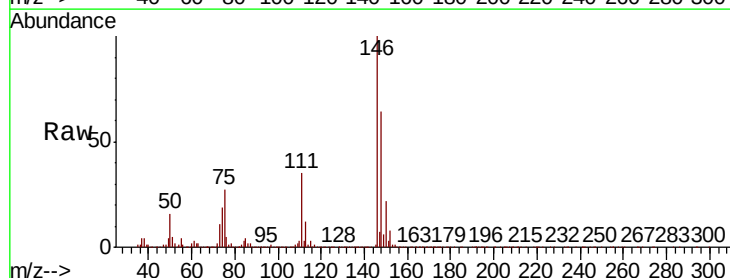
Instrument :
 MSVOA_X
 ClientSampleId :

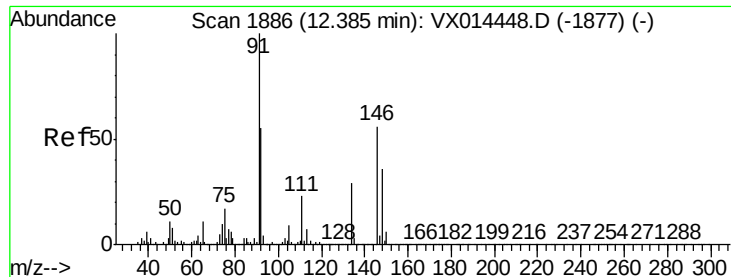
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	65.9	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.414 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	64.1	32.1	96.3





#89

n-Butylbenzene

Concen: 18.103 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

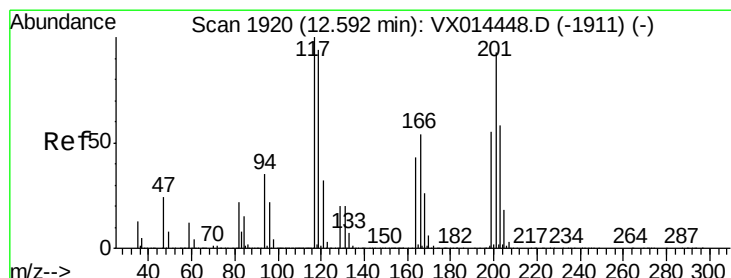
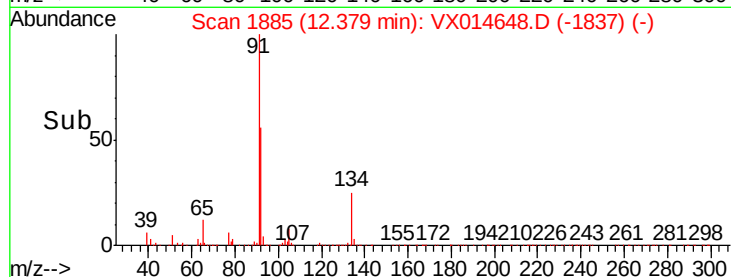
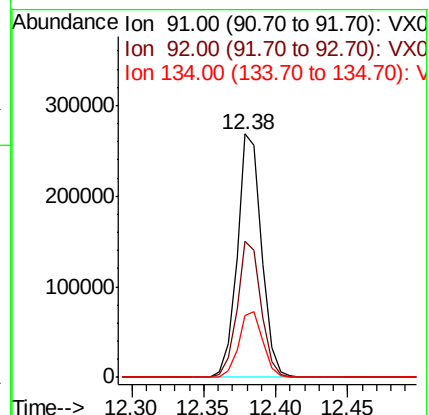
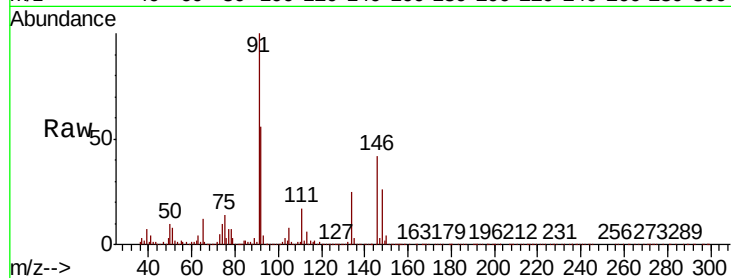
Tot Ion: 91 Resp: 315607

Ion Ratio Lower Upper

91 100

92 55.6 27.4 82.2

134 27.1 13.9 41.7



#90

Hexachloroethane

Concen: 18.501 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014648.D

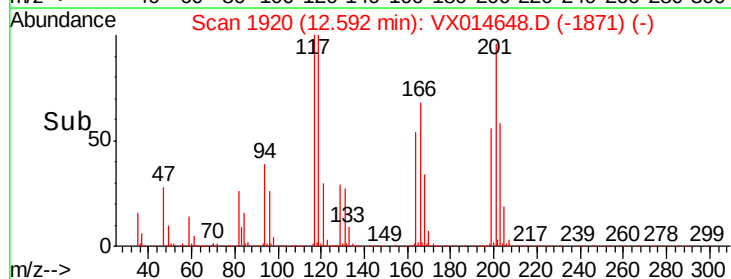
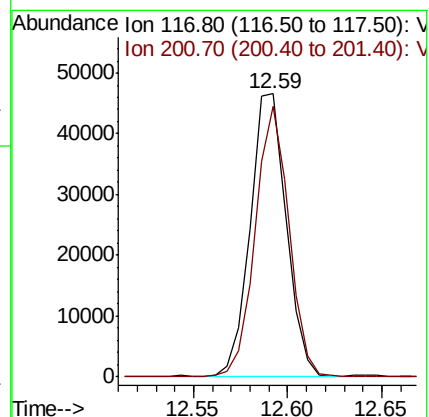
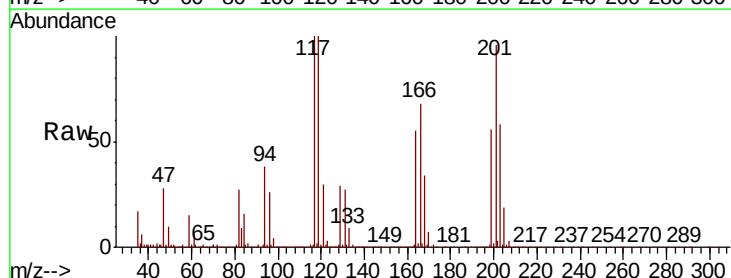
Acq: 17 Jan 2020 12:38

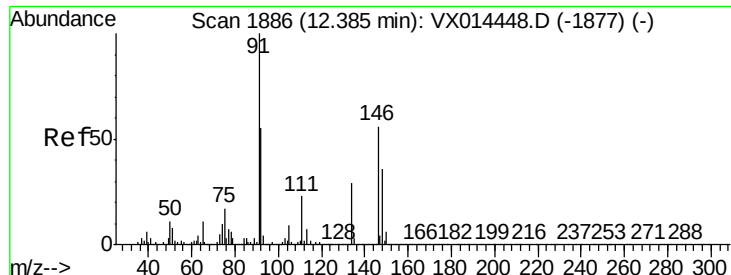
Tgt Ion: 117 Resp: 61967

Ion Ratio Lower Upper

117 100

201 89.0 44.8 134.3

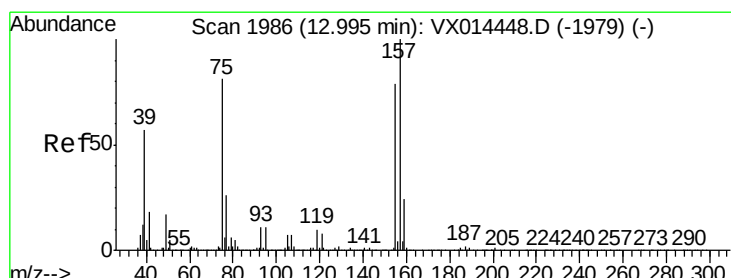
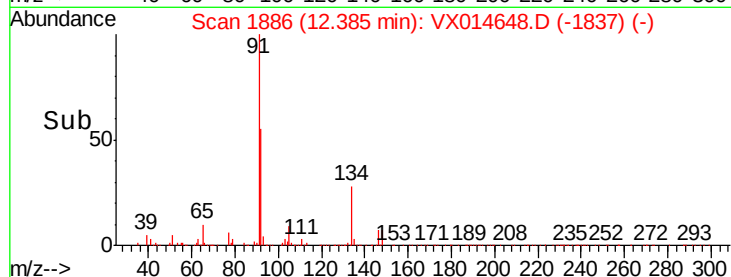
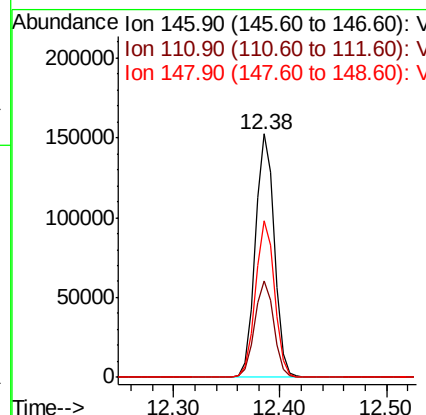
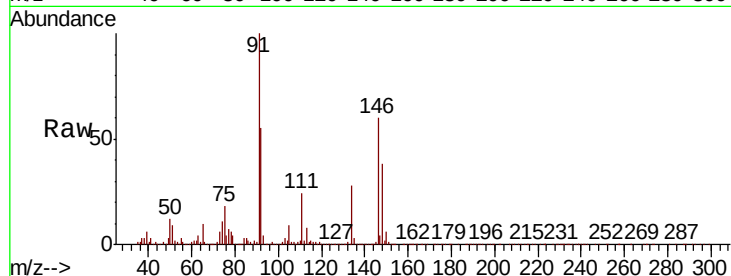




#91
 1,2-Dichlorobenzene
 Concen: 18.700 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

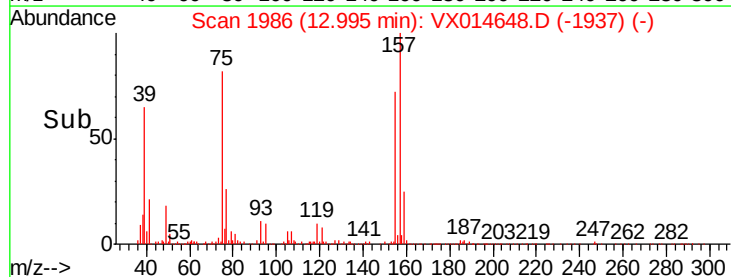
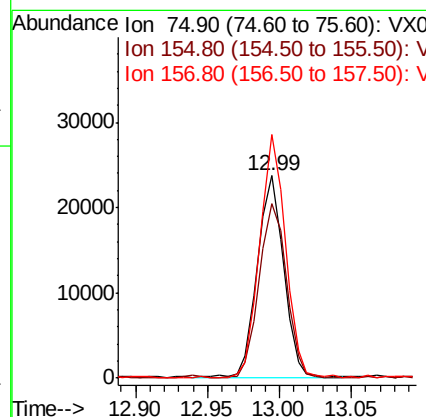
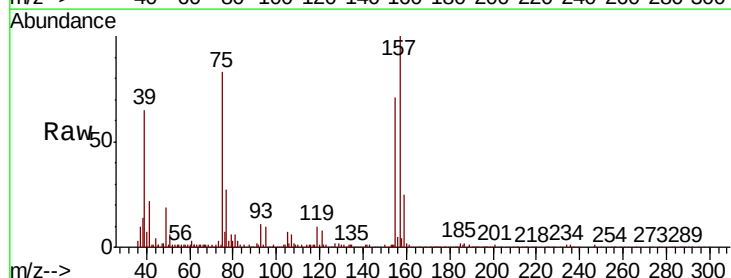
Instrument :
 MSVOA_X
 ClientSampleId :

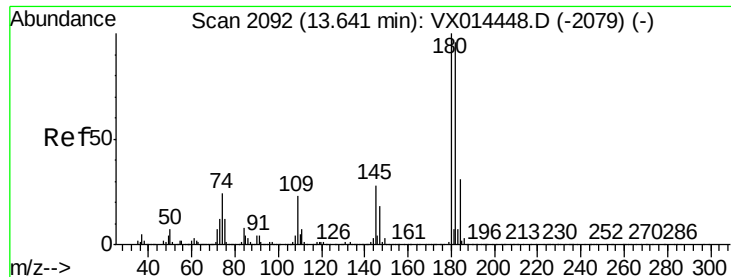
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	64.0	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.426 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	48.7	146.1
157	118.9	62.0	185.9





#93

1,2,4-Trichlorobenzene

Concen: 18.140 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

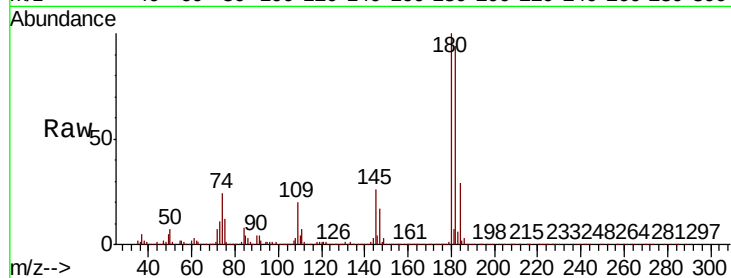
Tot Ion:180 Resp: 131325

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.5

145 27.3 13.9 41.6

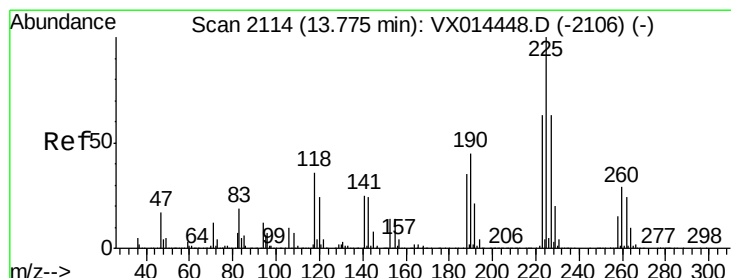
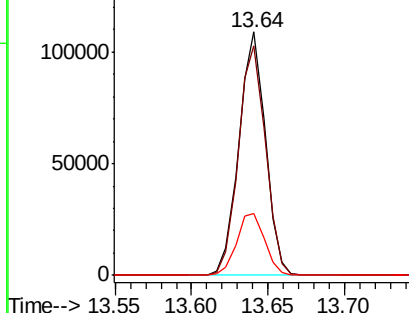
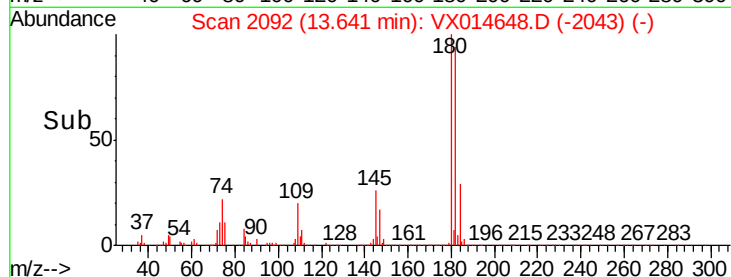


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.479 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

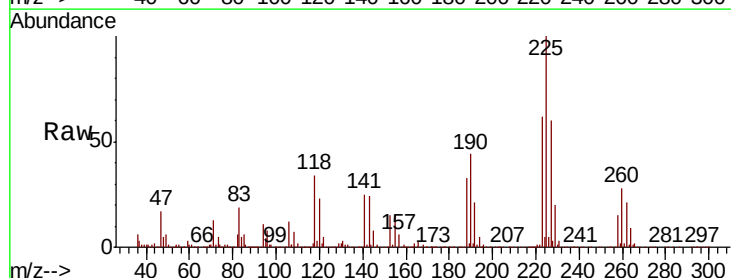
Tgt Ion:225 Resp: 65660

Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.2

227 62.1 31.4 94.2

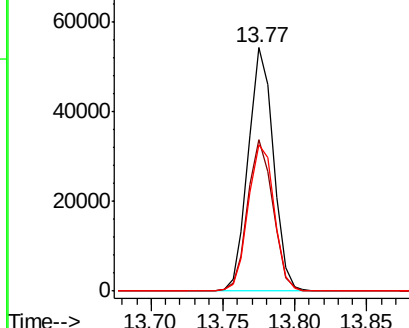
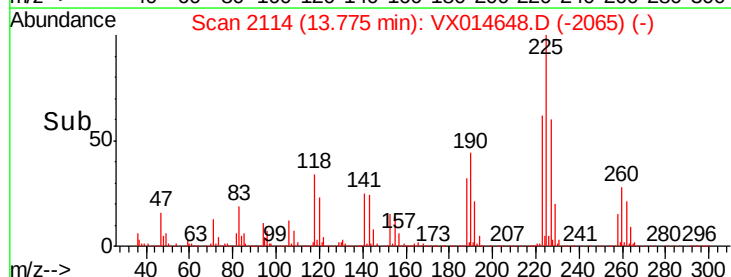


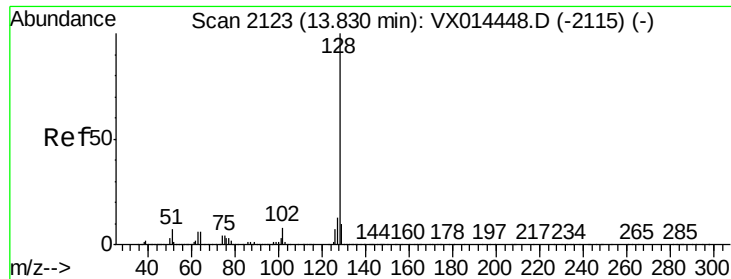
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

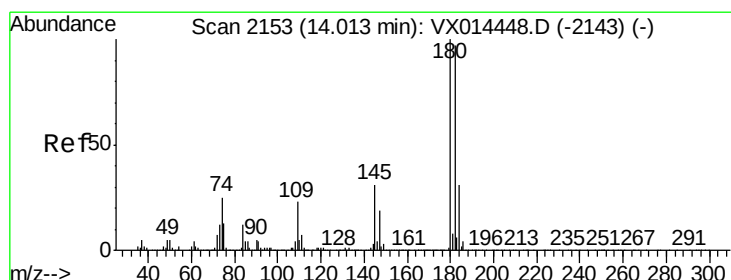
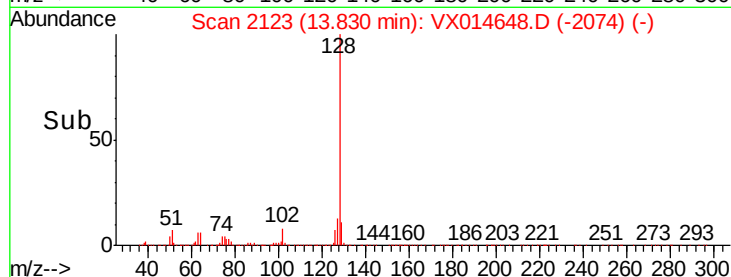
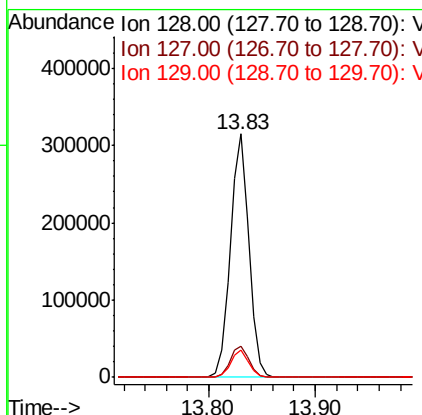
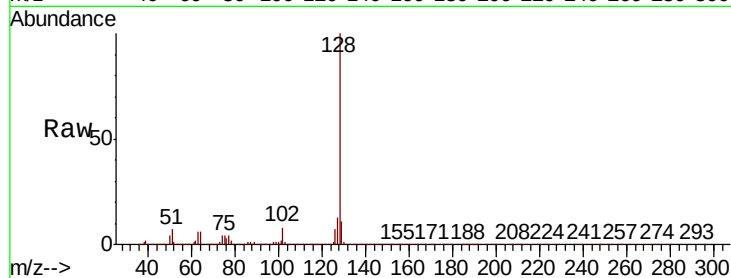




#95
Naphthalene
Concen: 17.193 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 384819
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.428 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion:180 Resp: 131623
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.3 14.8 44.3

