

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021120\
 Data File : VX014908.D
 Acq On : 11 Feb 2020 12:01
 Operator : JC/SP
 Sample : VX0211MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 05:41:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	643757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	595138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241745	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.48	113	194729	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	743625	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	266865	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	83297	19.913	ug/l 99
3) Chloromethane	1.32	50	91250	19.241	ug/l 99
4) Vinyl Chloride	1.40	62	96679	18.924	ug/l 100
5) Bromomethane	1.64	94	64087	19.380	ug/l 97
6) Chloroethane	1.72	64	61054	18.677	ug/l 99
7) Trichlorofluoromethane	1.93	101	137466	19.258	ug/l 100
8) Diethyl Ether	2.18	74	58514	19.768	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78681	18.990	ug/l 100
10) Methyl Iodide	2.50	142	84468	21.058	ug/l 99
11) Tert butyl alcohol	3.02	59	93545	106.279	ug/l 97
12) 1,1-Dichloroethene	2.37	96	78192	19.313	ug/l 93
13) Acrolein	2.28	56	58631	87.399	ug/l 97
14) Allyl chloride	2.72	41	132622	18.476	ug/l 98
15) Acrylonitrile	3.12	53	228571	102.437	ug/l 98
16) Acetone	2.43	43	252566	87.201	ug/l 97
17) Carbon Disulfide	2.56	76	204296	18.060	ug/l 99
18) Methyl Acetate	2.76	43	103780	20.671	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	261999	19.884	ug/l 97
20) Methylene Chloride	2.85	84	87453	18.237	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	84203	18.848	ug/l 96
22) Diisopropyl ether	3.84	45	271857	19.829	ug/l 90
23) Vinyl Acetate	3.80	43	1141416	100.995	ug/l 100
24) 1,1-Dichloroethane	3.69	63	147105	19.012	ug/l 99
25) 2-Butanone	4.65	43	339538	100.046	ug/l 99
26) 2,2-Dichloropropane	4.56	77	123493	18.520	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	94742	18.972	ug/l 99
28) Bromochloromethane	5.00	49	57735	19.251	ug/l 99
29) Tetrahydrofuran	5.11	42	203275	105.364	ug/l 99
30) Chloroform	5.20	83	147596	19.226	ug/l 100
31) Cyclohexane	5.57	56	131786	18.700	ug/l 94
32) 1,1,1-Trichloroethane	5.48	97	125209	18.645	ug/l 99
36) 1,1-Dichloropropene	5.79	75	110682	19.220	ug/l 99
37) Ethyl Acetate	4.81	43	125404	20.879	ug/l 99
38) Carbon Tetrachloride	5.78	117	109686	19.545	ug/l 98

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Instrument :
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 ClientSampleId :

Quant Time: Feb 12 05:41:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137129	19.041	ug/l	99
40) Benzene	6.13	78	338491	19.673	ug/l	96
41) Methacrylonitrile	5.02	41	68261	21.097	ug/l	98
42) 1,2-Dichloroethane	6.18	62	122253	19.659	ug/l	98
43) Isopropyl Acetate	6.43	43	202563	20.445	ug/l	100
44) Trichloroethene	7.20	130	96127	19.245	ug/l	100
45) 1,2-Dichloropropane	7.50	63	86001	19.599	ug/l	94
46) Dibromomethane	7.65	93	59130	19.714	ug/l	99
47) Bromodichloromethane	7.89	83	114970	19.332	ug/l	99
48) Methyl methacrylate	7.76	41	98549	20.211	ug/l	99
49) 1,4-Dioxane	7.73	88	41369	453.777	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	633477	105.886	ug/l	100
52) Toluene	8.78	92	213316	19.520	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	125685	19.283	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141197	19.610	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	88186	19.946	ug/l	97
56) Ethyl methacrylate	9.17	69	133197	20.043	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148636	19.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	354571	102.020	ug/l	99
59) 2-Hexanone	9.48	43	494358	105.129	ug/l	99
60) Dibromochloromethane	9.57	129	93679	19.689	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93400	19.579	ug/l	100
64) Tetrachloroethene	9.33	164	112092	20.145	ug/l	97
65) Chlorobenzene	10.13	112	237859	19.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87956	20.071	ug/l	97
67) Ethyl Benzene	10.25	91	406794	19.816	ug/l	98
68) m/p-Xylenes	10.36	106	312377	39.499	ug/l	99
69) o-Xylene	10.69	106	150114	19.746	ug/l	99
70) Styrene	10.71	104	257846	20.049	ug/l	100
71) Bromoform	10.85	173	71565	19.564	ug/l #	99
73) Isopropylbenzene	11.01	105	402240	20.062	ug/l	100
74) N-amyl acetate	10.89	43	169320	20.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	129999	19.835	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151254	26.162	ug/l	94
77) Bromobenzene	11.25	156	110643	19.772	ug/l	96
78) n-propylbenzene	11.35	91	455244	19.632	ug/l	99
79) 2-Chlorotoluene	11.42	91	269155	19.743	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336908	20.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42433	18.787	ug/l	94
82) 4-Chlorotoluene	11.51	91	315286	19.529	ug/l	100
83) tert-Butylbenzene	11.76	119	314203	19.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340673	20.179	ug/l	99
85) sec-Butylbenzene	11.94	105	387978	19.687	ug/l	100
86) p-Isopropyltoluene	12.06	119	364849	19.784	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193884	19.313	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197331	19.248	ug/l	99
89) n-Butylbenzene	12.39	91	316303	19.150	ug/l	99
90) Hexachloroethane	12.59	117	60922	18.916	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191304	19.431	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28548	18.566	ug/l	99

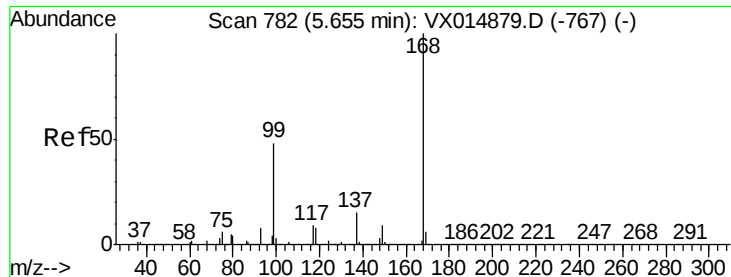
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136422	18.773	ug/l	100
94) Hexachlorobutadiene	13.78	225	66521	18.926	ug/l	98
95) Naphthalene	13.83	128	401359	20.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136788	19.484	ug/l	98

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

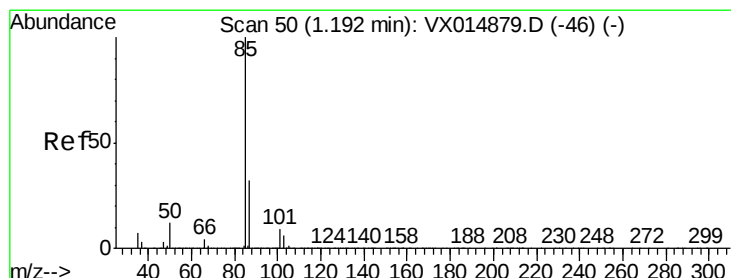
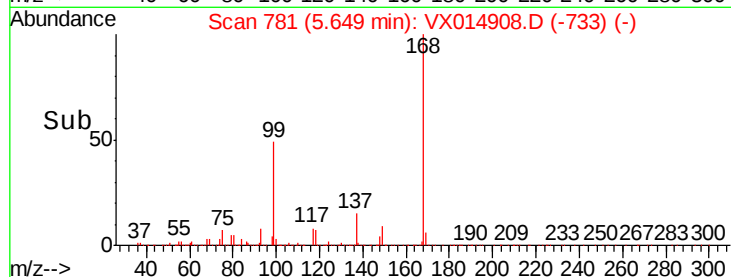
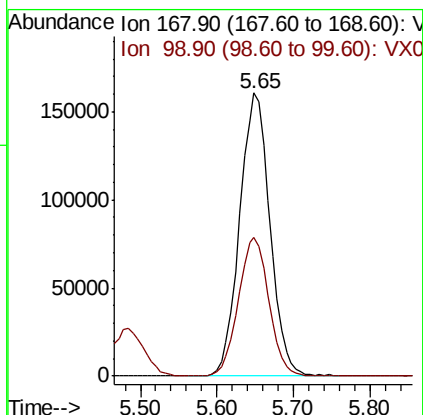
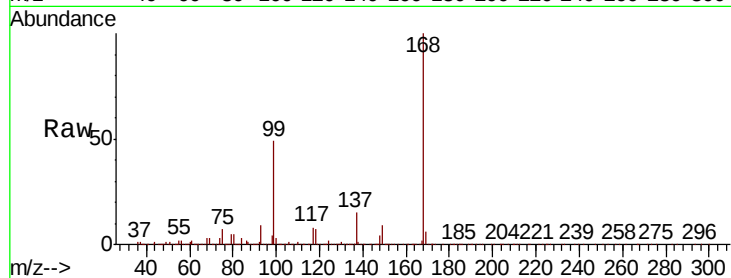


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Instrument :
 MSVOA_X
 ClientSampled :

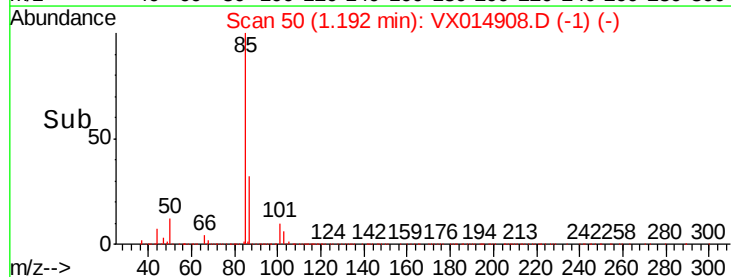
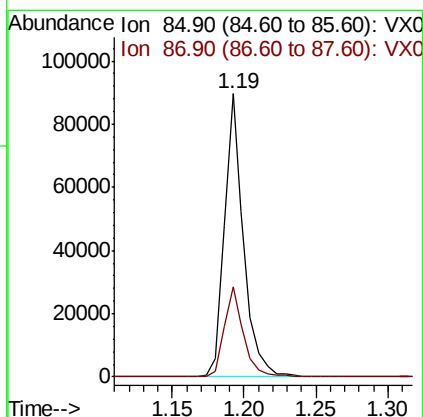
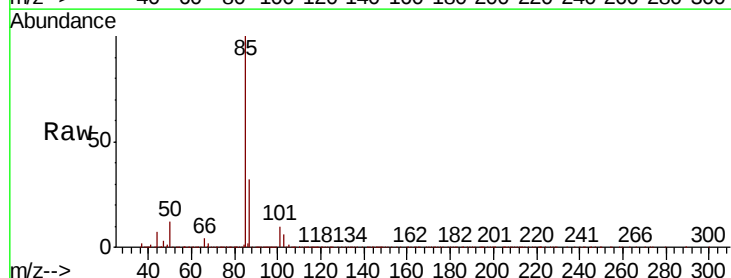
Tot Ion:168 Resp: 441711
 Ion Ratio Lower Upper
 168 100
 99 48.9 38.7 58.1

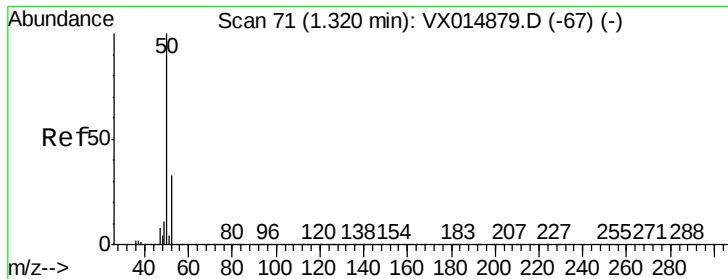


#2

Dichlorodifluoromethane
 Concen: 19.913 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Tgt Ion: 85 Resp: 83297
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.1 48.2

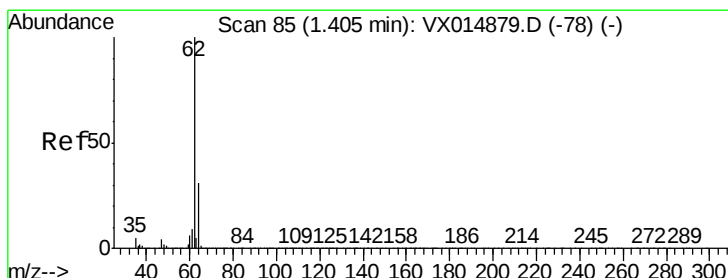
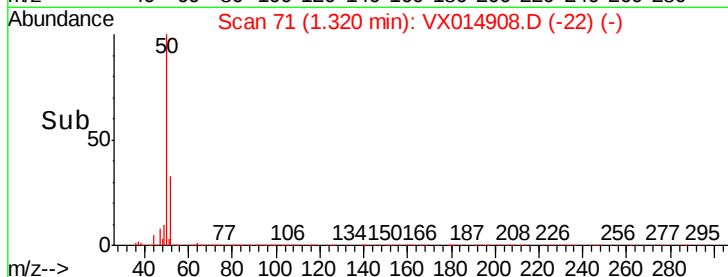
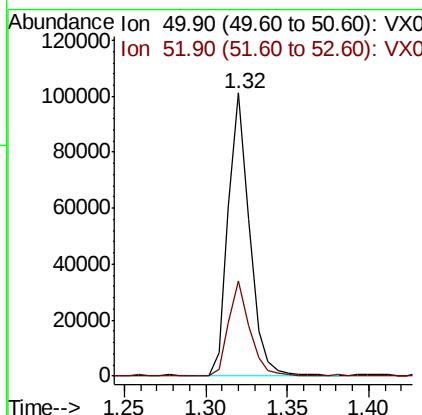
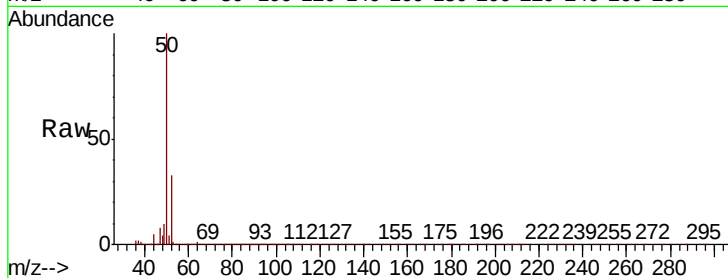




#3
Chloromethane
Concen: 19.241 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

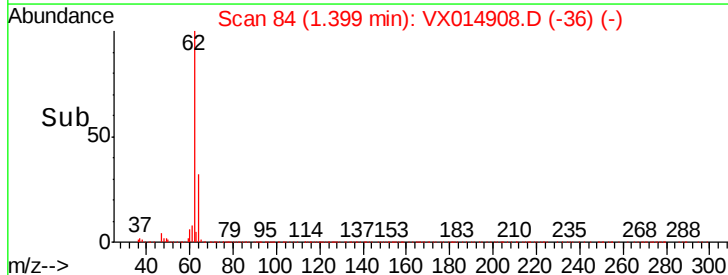
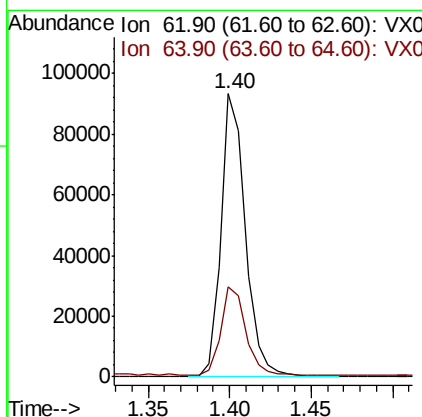
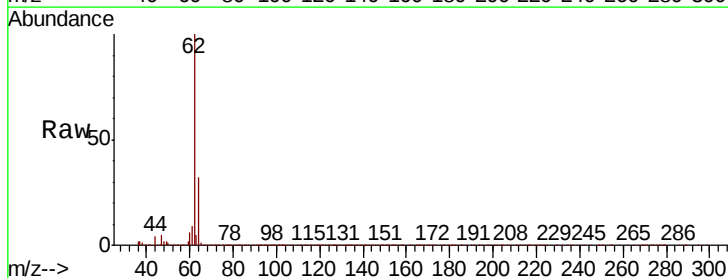
Instrument :
MSVOA_X
ClientSampled :

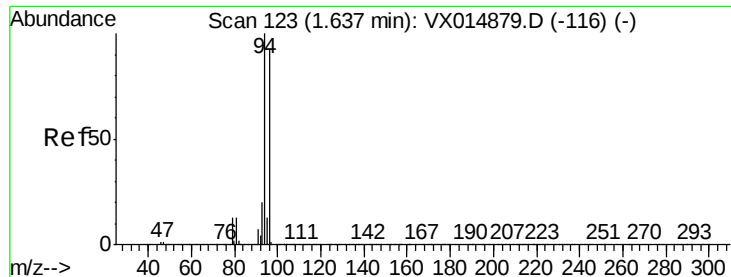
Tot Ion: 50 Resp: 91250
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 18.924 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 62 Resp: 96679
Ion Ratio Lower Upper
62 100
64 31.1 24.8 37.2





#5

Bromomethane

Concen: 19.380 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

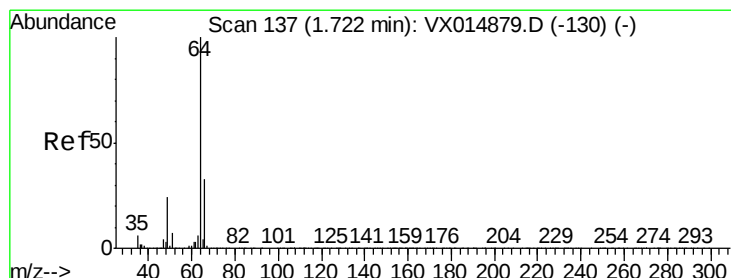
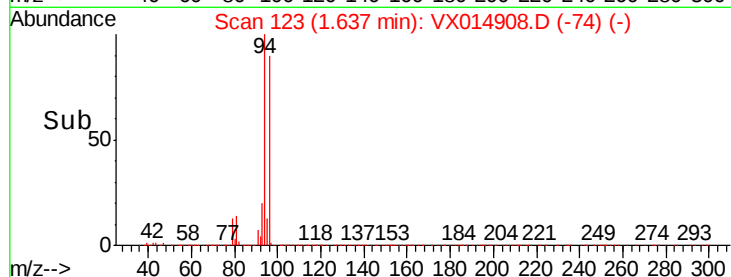
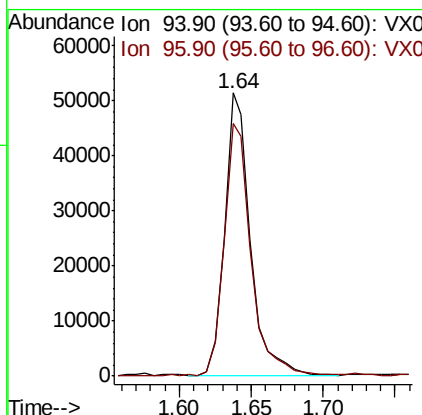
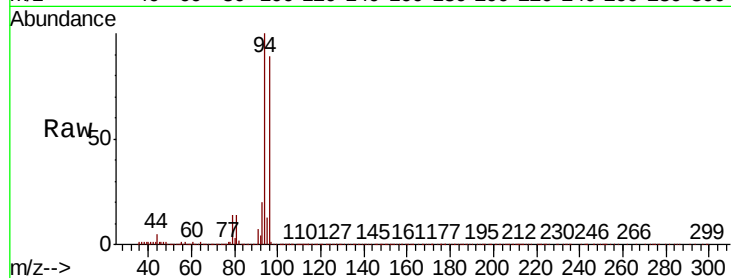
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 64087

Ion Ratio Lower Upper

94 100

96 89.1 73.7 110.5



#6

Chloroethane

Concen: 18.677 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014908.D

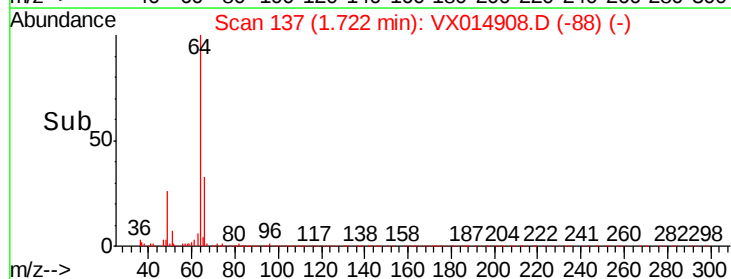
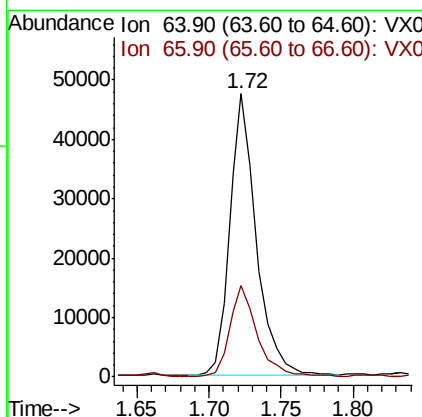
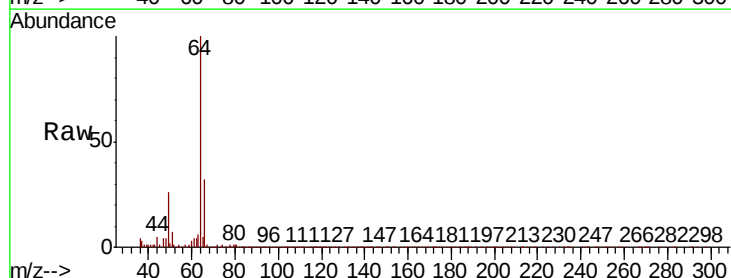
Acq: 11 Feb 2020 12:01

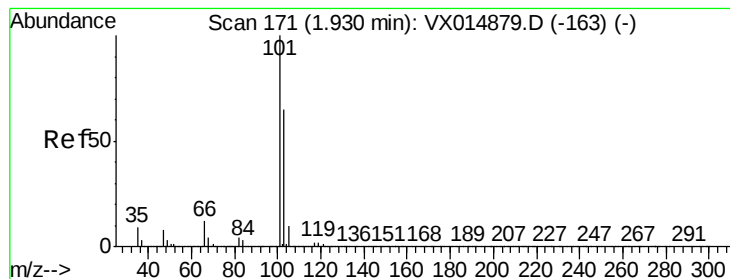
Tgt Ion: 64 Resp: 61054

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4



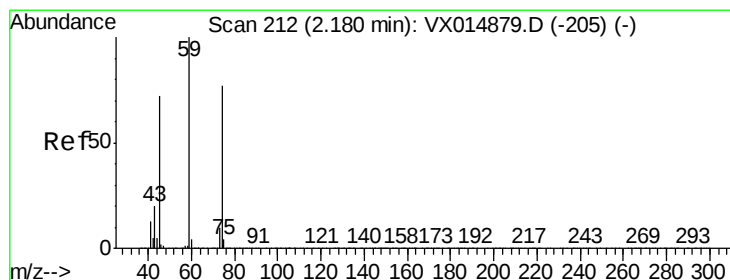
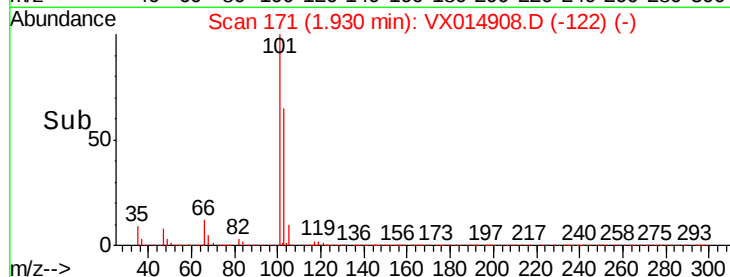
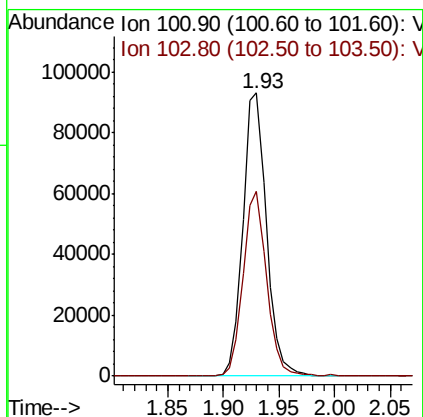
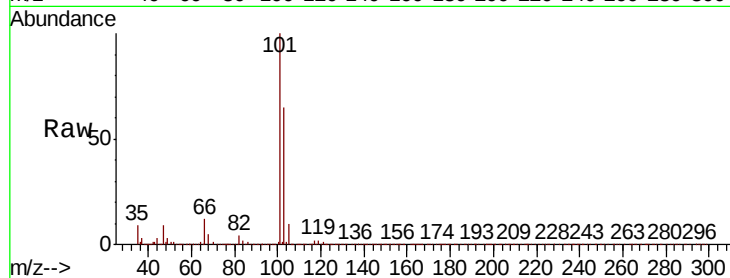


#7

Trichlorofluoromethane
Concen: 19.258 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampled :

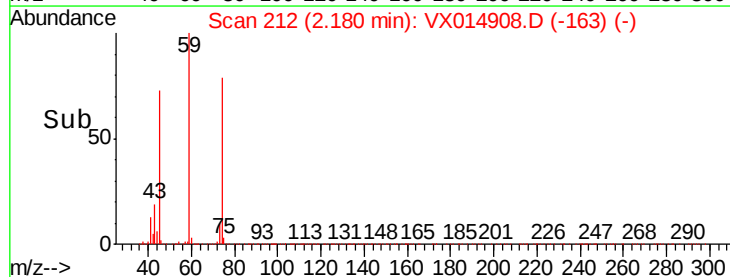
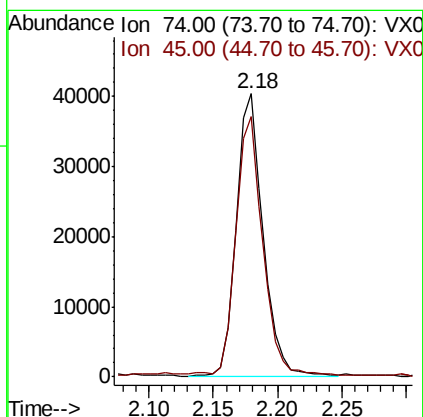
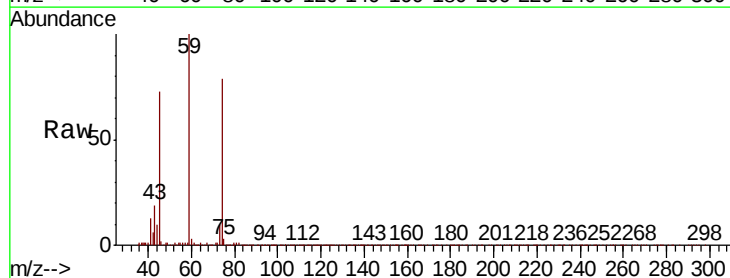
Tot Ion:101 Resp: 137466
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

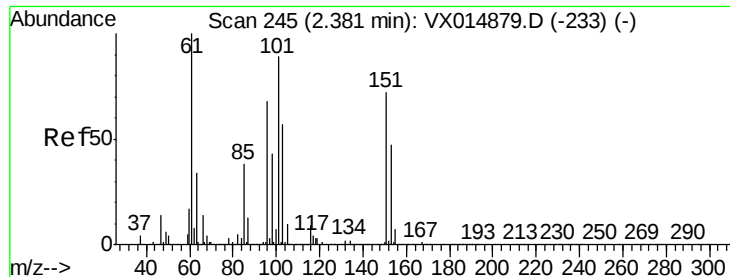


#8

Diethyl Ether
Concen: 19.768 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 74 Resp: 58514
Ion Ratio Lower Upper
74 100
45 92.4 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.990 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

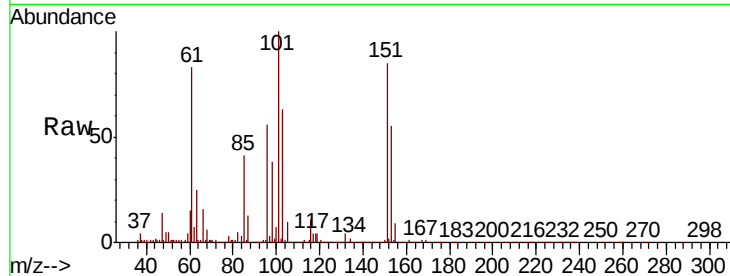
Tot Ion:101 Resp: 78681

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

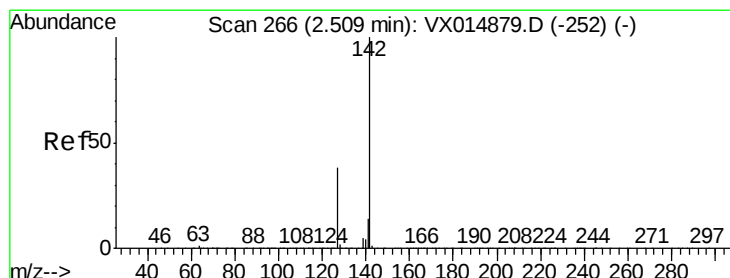
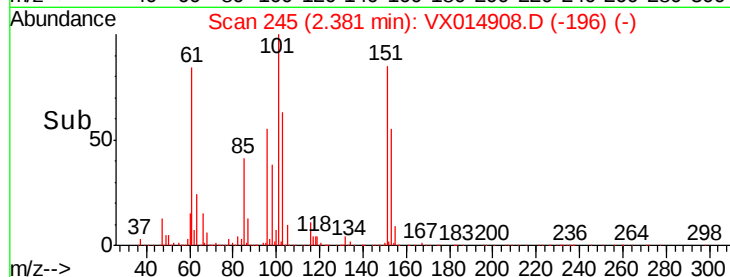
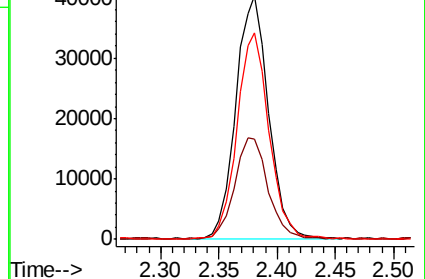
151 83.9 67.3 100.9



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: 21.058 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

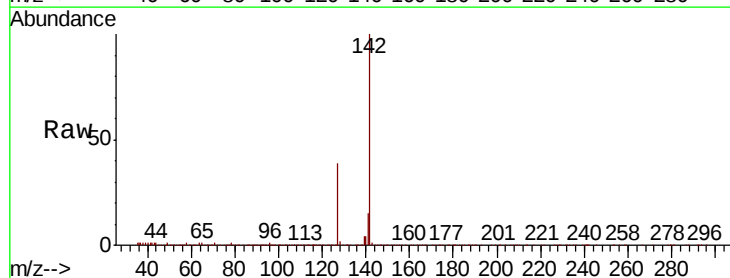
Tgt Ion:142 Resp: 84468

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

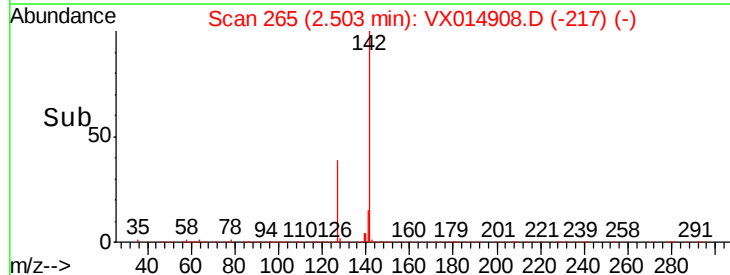
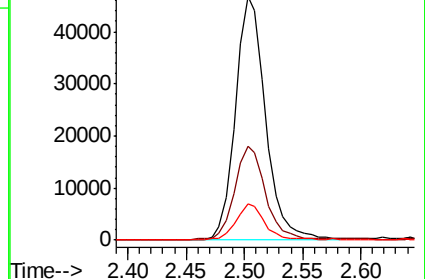
141 14.7 11.3 16.9

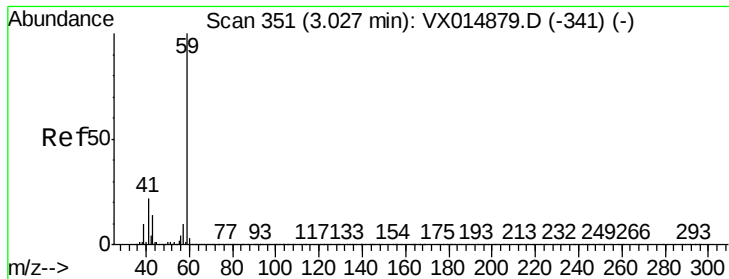


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



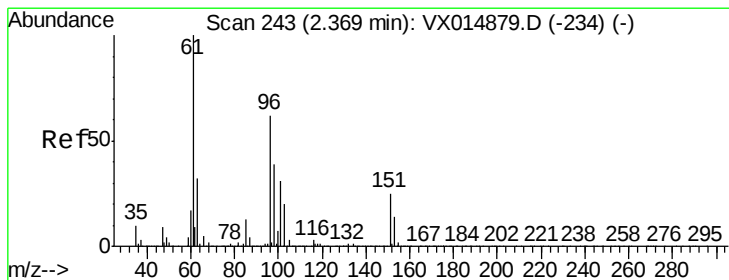
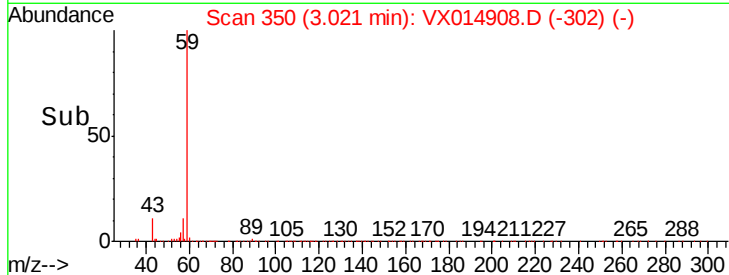
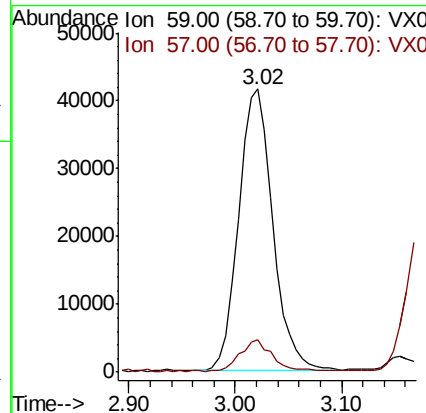
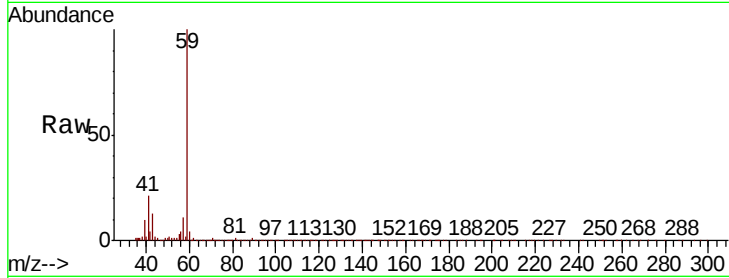


#11

Tert butyl alcohol
Concen: 106.279 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

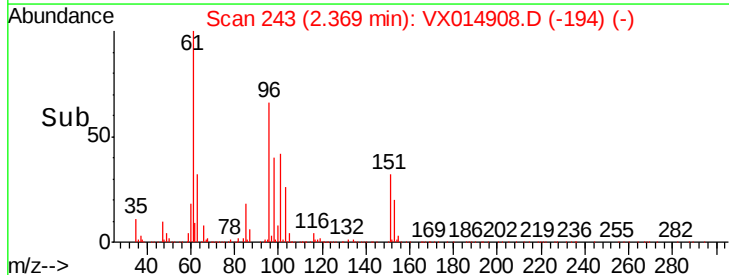
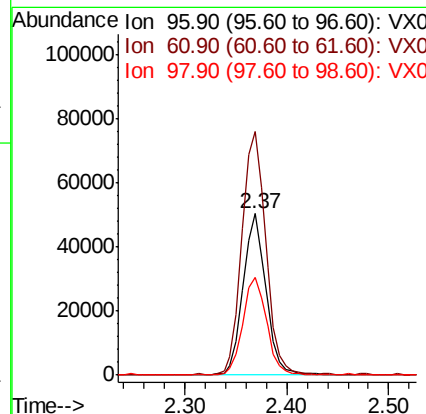
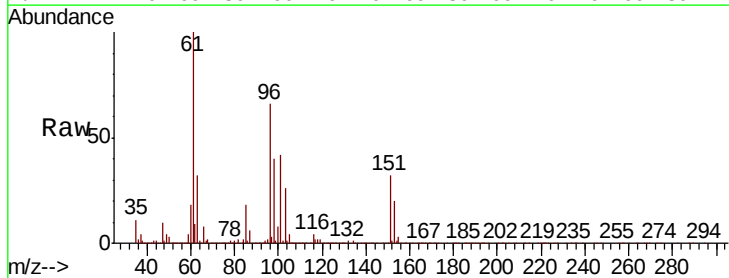
Tot Ion: 59 Resp: 93545
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

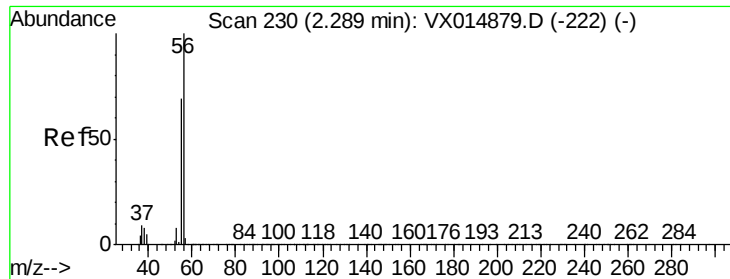


#12

1,1-Dichloroethene
Concen: 19.313 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 96 Resp: 78192
Ion Ratio Lower Upper
96 100
61 151.2 129.5 194.3
98 60.0 50.6 76.0

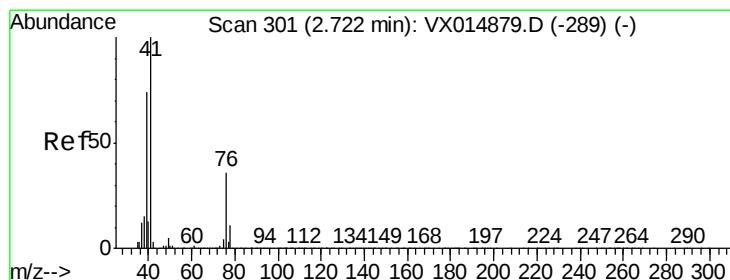
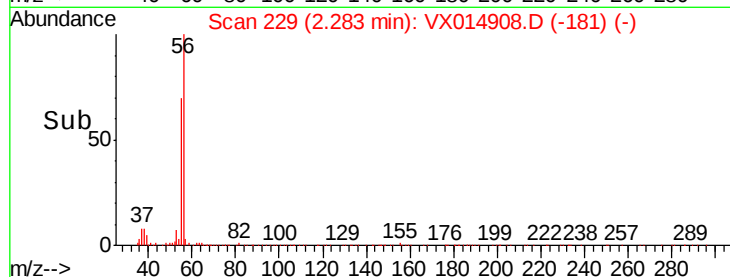
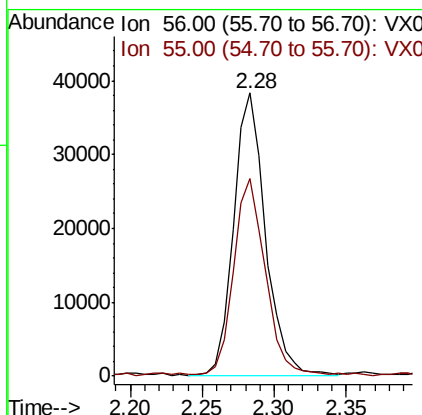
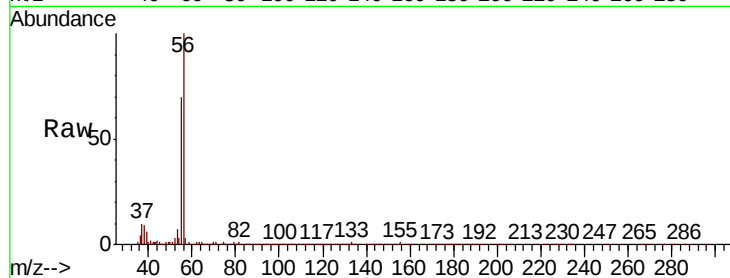




#13
Acrolein
Concen: 87.399 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

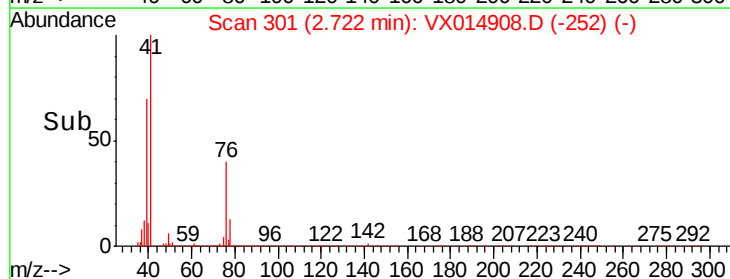
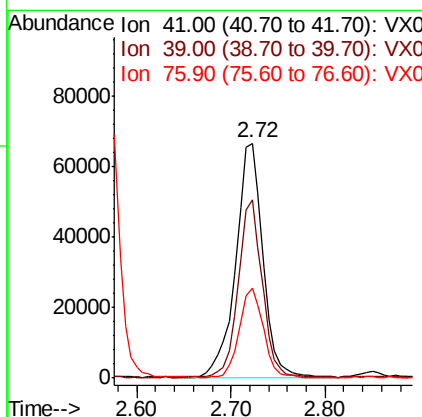
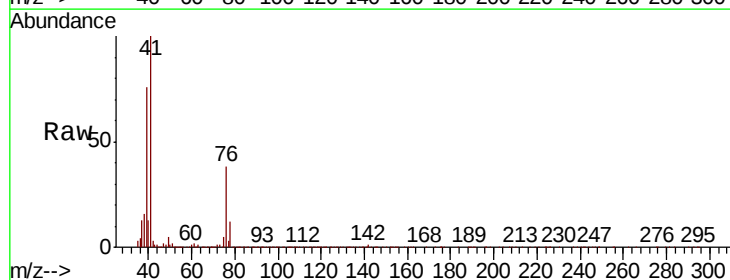
Instrument :
MSVOA_X
ClientSampleId :

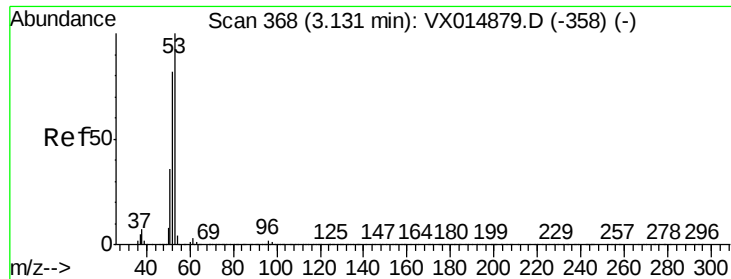
Tot Ion: 56 Resp: 58631
Ion Ratio Lower Upper
56 100
55 70.8 55.0 82.4



#14
Allyl chloride
Concen: 18.476 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 41 Resp: 132622
Ion Ratio Lower Upper
41 100
39 67.2 55.2 82.8
76 33.6 26.8 40.2

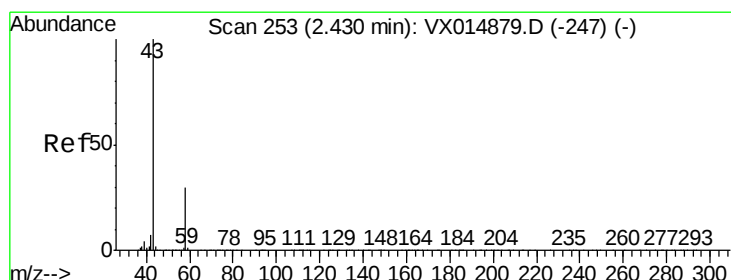
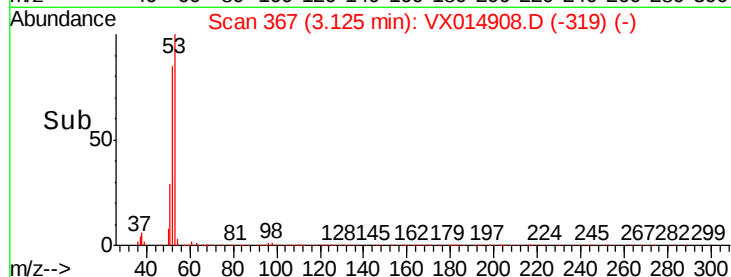
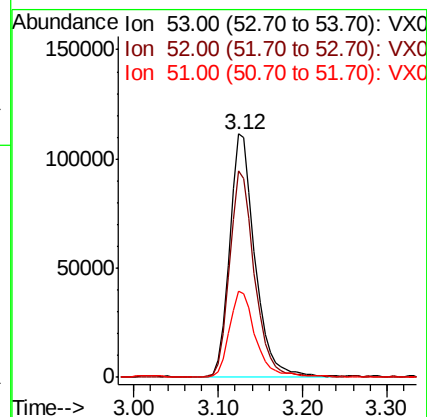
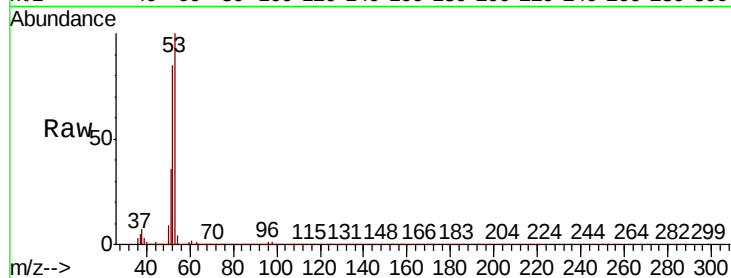




#15
 Acrylonitrile
 Concen: 102.437 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

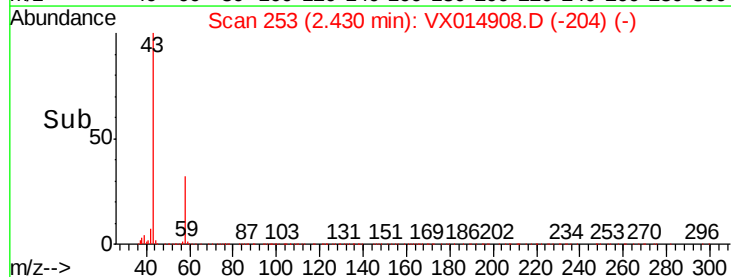
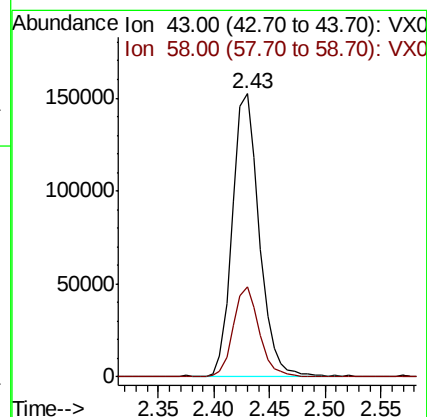
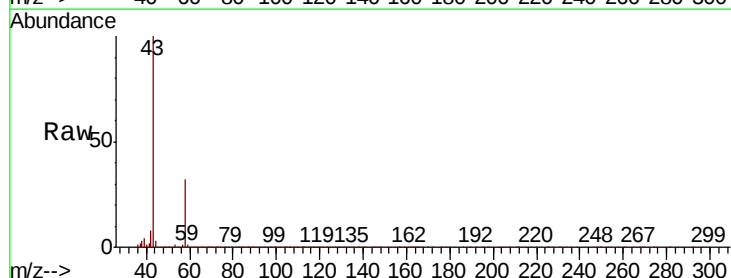
Instrument :
 MSVOA_X
 ClientSampleId :

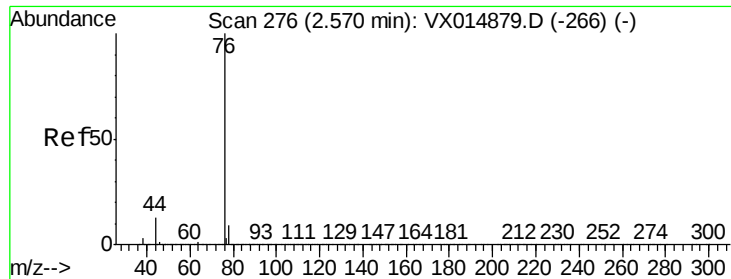
Tot Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.8	98.6
51	37.2	29.1	43.7



#16
 Acetone
 Concen: 87.201 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.1	36.1





#17

Carbon Disulfide

Concen: 18.060 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

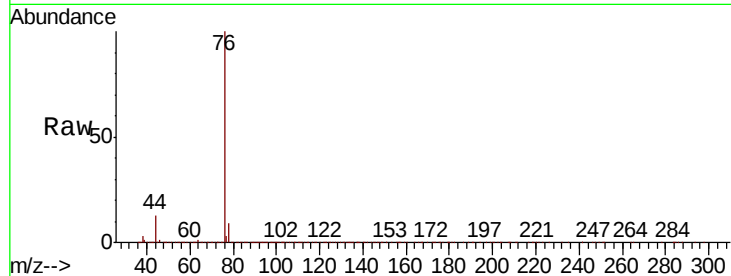
ClientSampled :

Tot Ion: 76 Resp: 204296

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

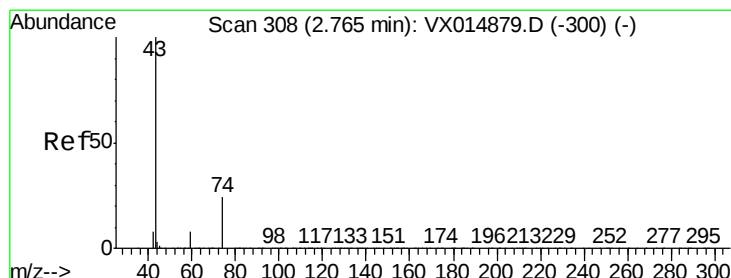
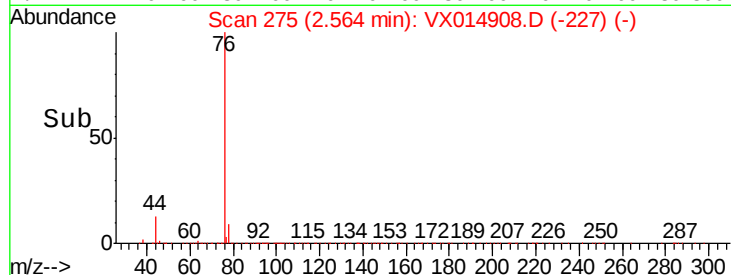
100000

50000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 20.671 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014908.D

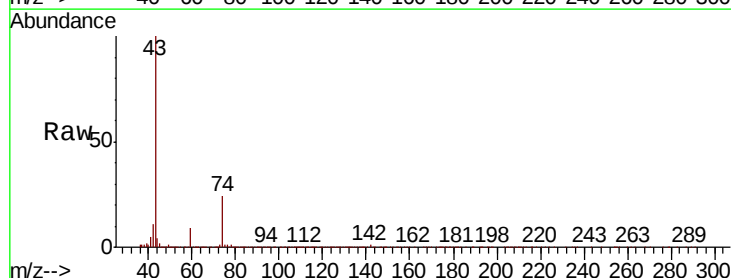
Acq: 11 Feb 2020 12:01

Tgt Ion: 43 Resp: 103780

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

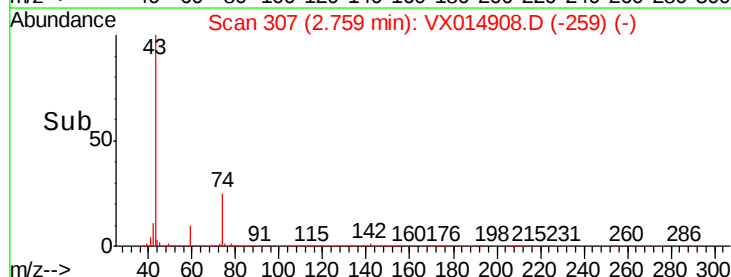
40000

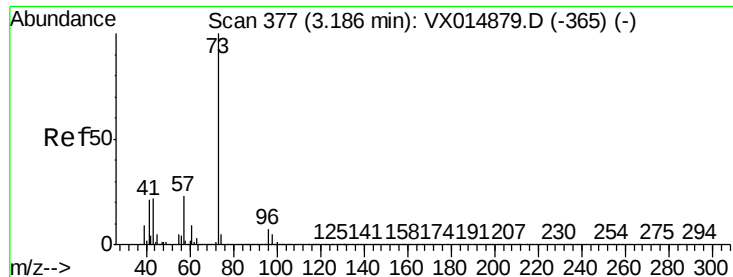
20000

0

2.70 2.80

Time-->

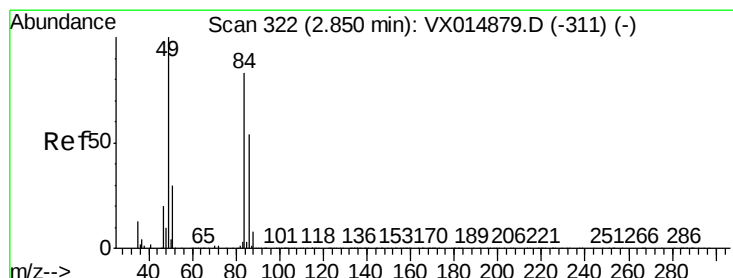
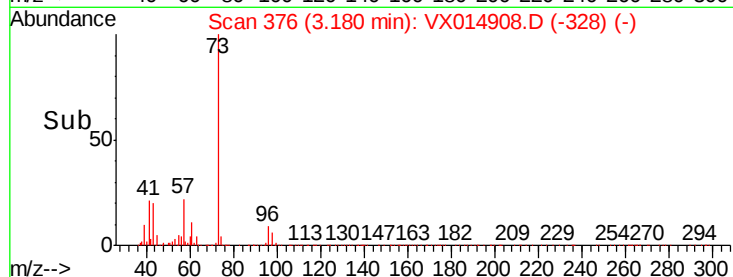
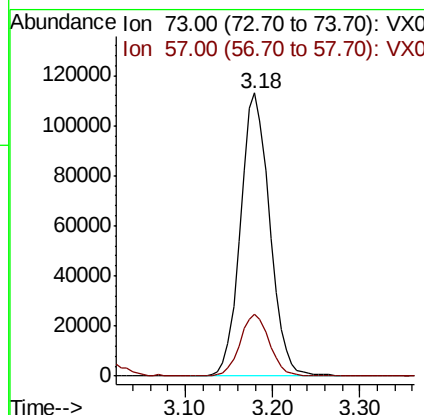
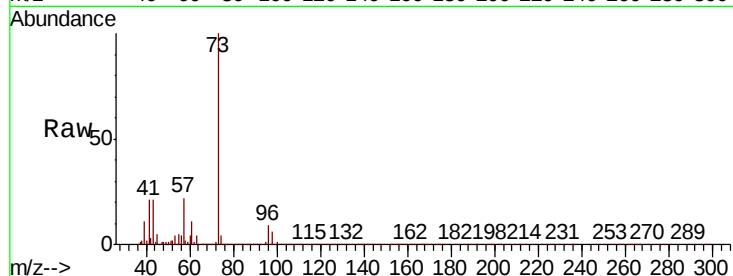




#19
Methvl tert-butvl Ether
Concen: 19.884 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

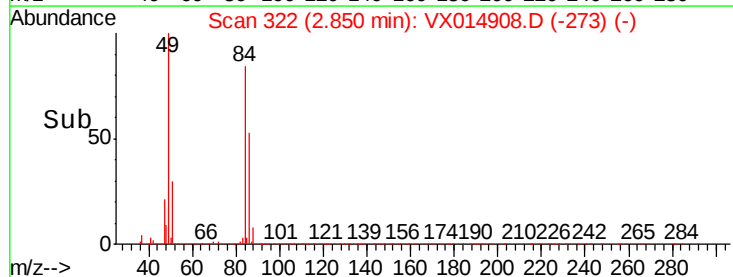
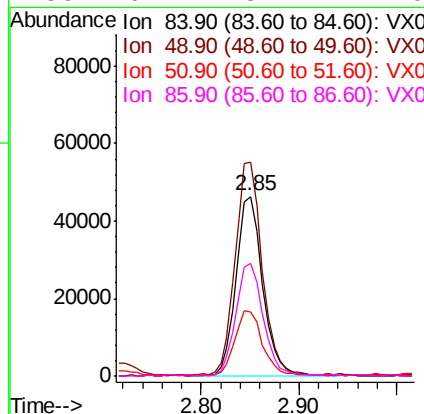
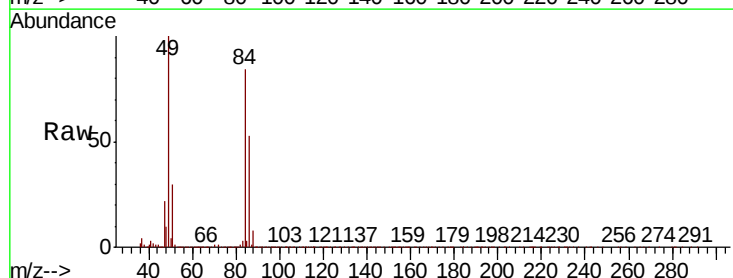
Instrument :
MSVOA_X
ClientSampleId :

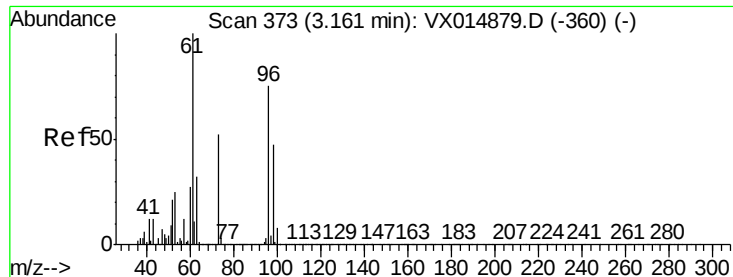
Tot Ion: 73 Resp: 261999
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4



#20
Methylene Chloride
Concen: 18.237 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 84 Resp: 87453
Ion Ratio Lower Upper
84 100
49 119.1 95.6 143.4
51 35.5 29.0 43.6
86 62.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.848 ug/l

RT: 3.16 min Scan# 372

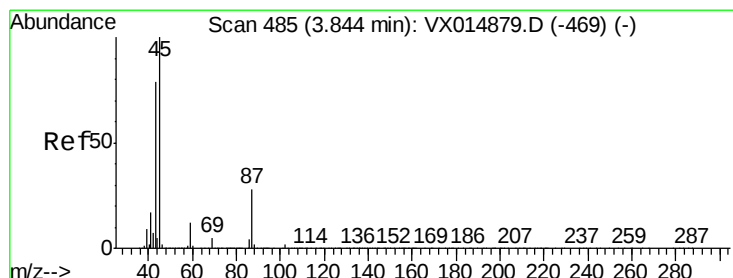
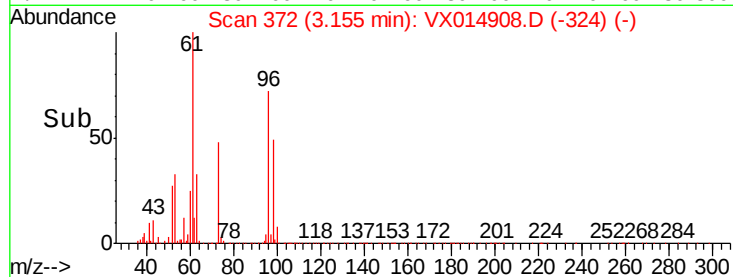
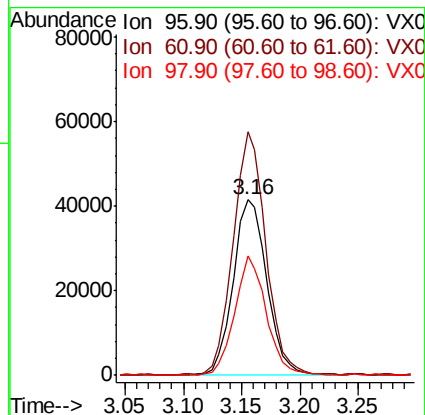
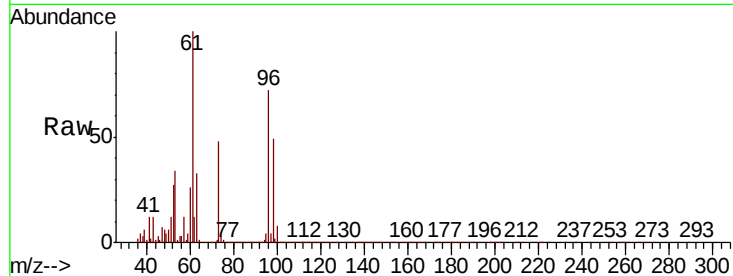
Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	84203
Ion	Ratio	Lower	Upper
96	100		
61	138.0	106.9	160.3
98	67.6	50.7	76.1



#22

Diisopropyl ether

Concen: 19.829 ug/l

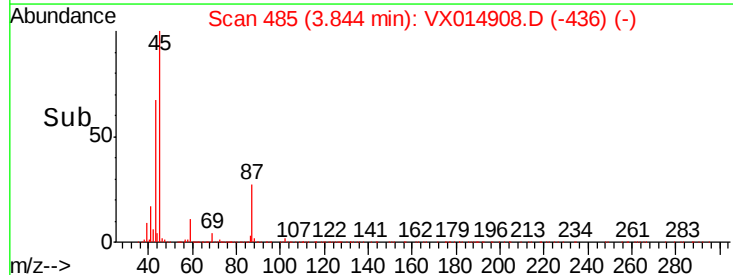
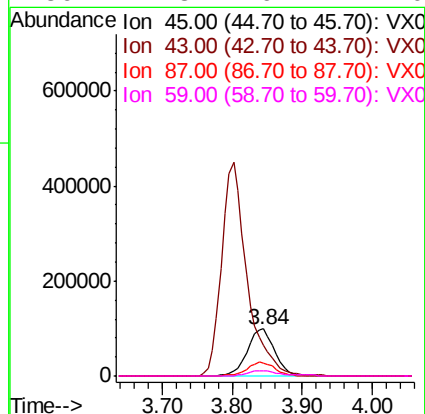
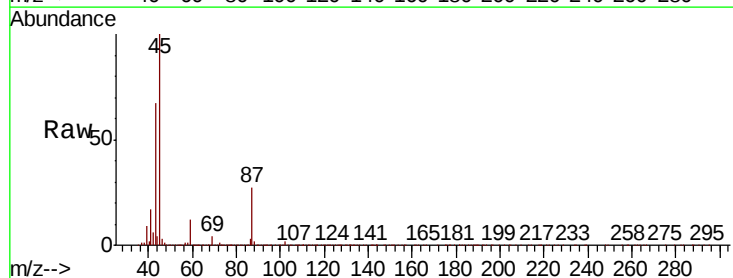
RT: 3.84 min Scan# 485

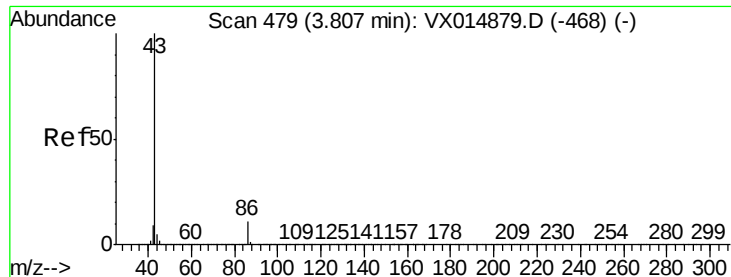
Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Tgt Ion:	45	Resp:	271857
Ion	Ratio	Lower	Upper
45	100		
43	66.5	63.5	95.3
87	27.4	22.2	33.4
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 100.995 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

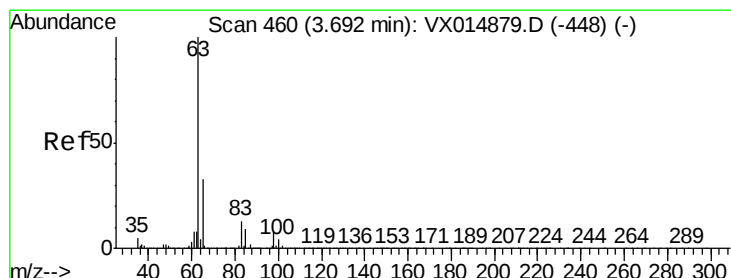
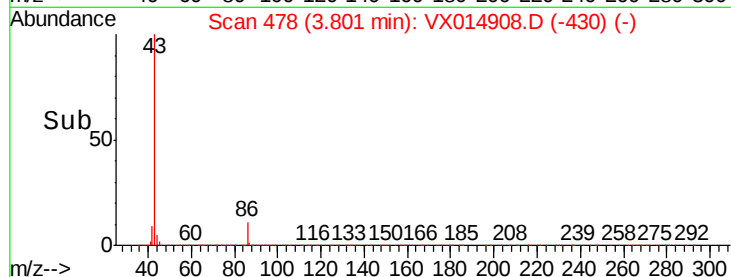
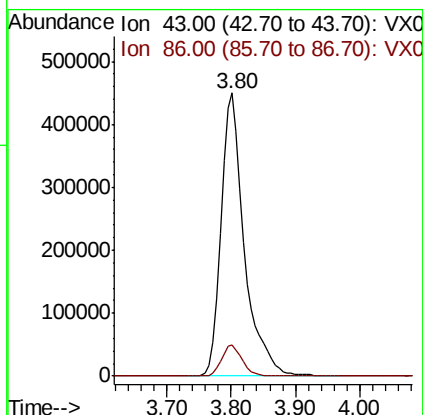
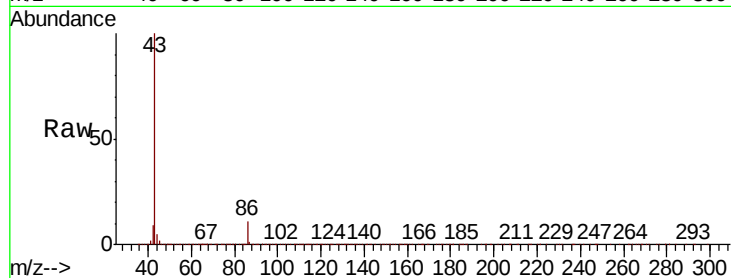
ClientSampled :

Tot Ion: 43 Resp: 1141416

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.012 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

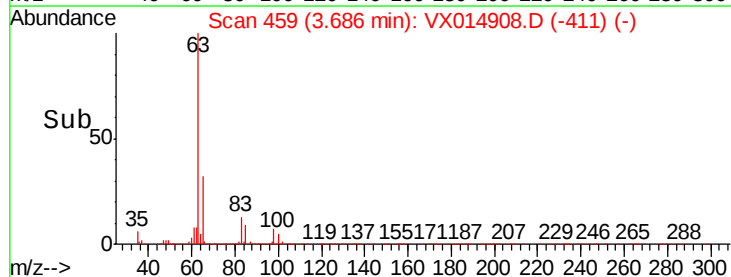
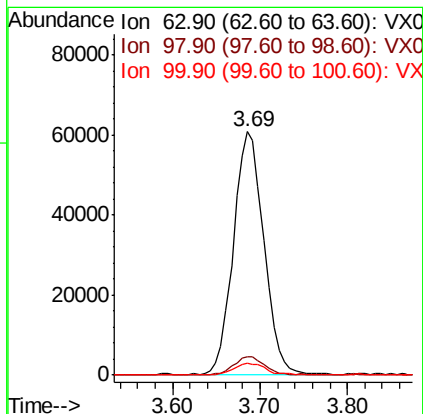
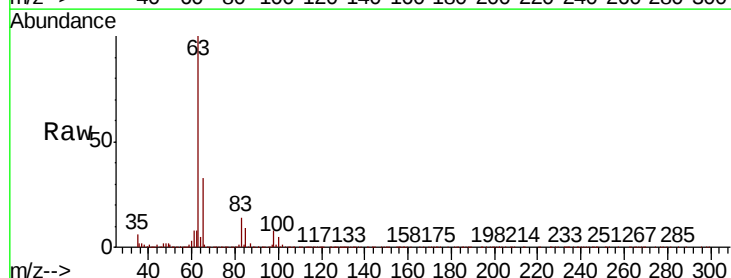
Tgt Ion: 63 Resp: 147105

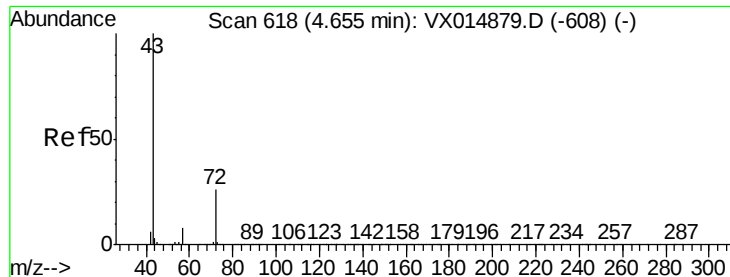
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 100.046 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

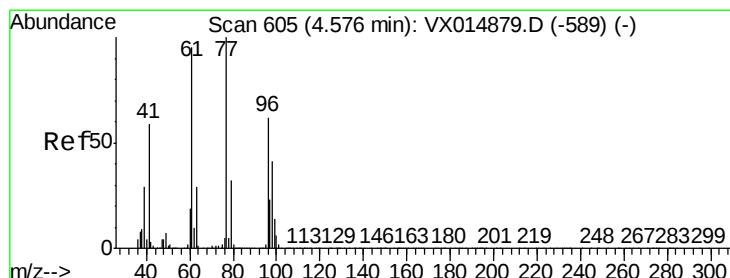
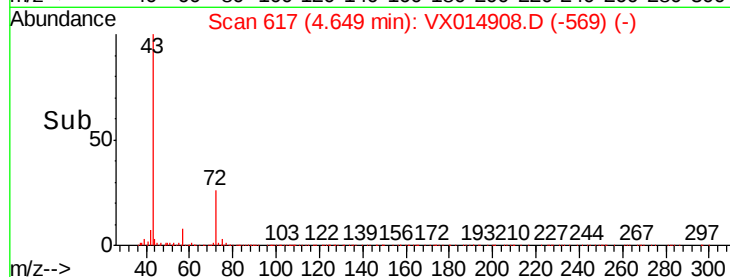
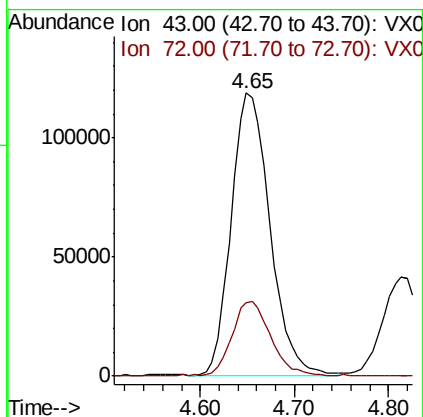
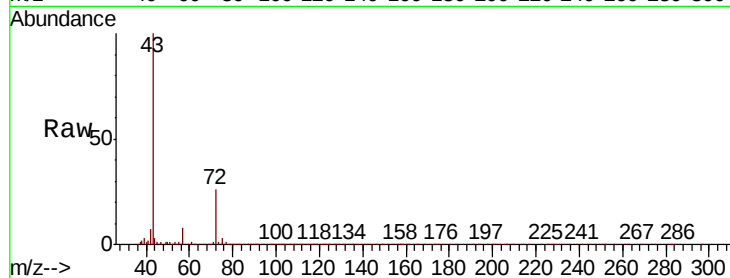
ClientSampleId :

Tot Ion: 43 Resp: 339538

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.520 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014908.D

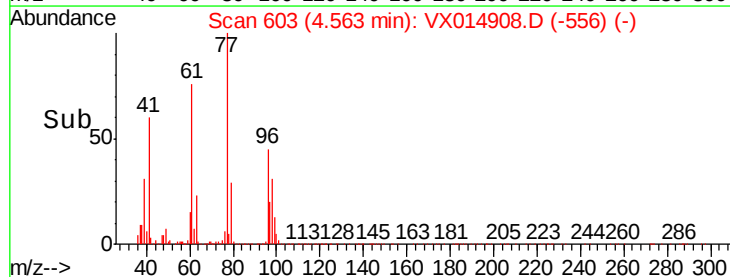
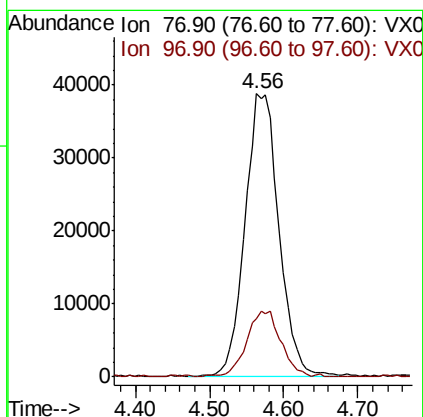
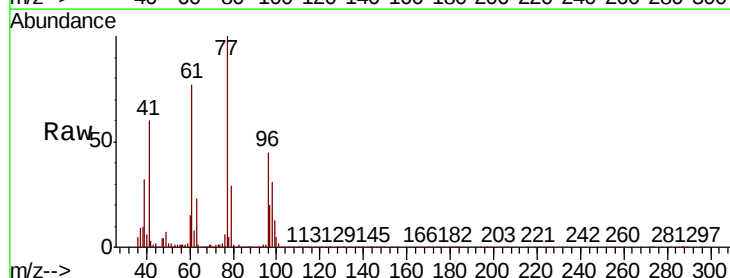
Acq: 11 Feb 2020 12:01

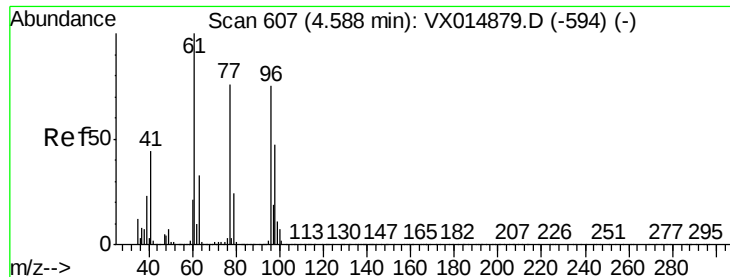
Tgt Ion: 77 Resp: 123493

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



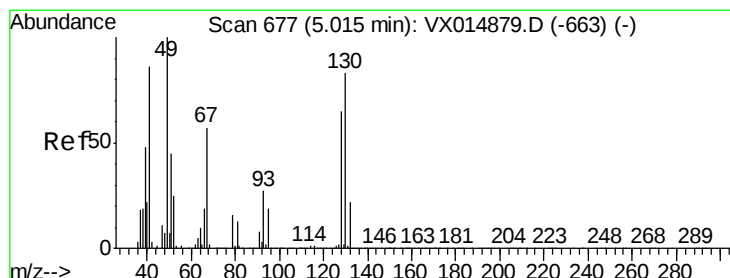
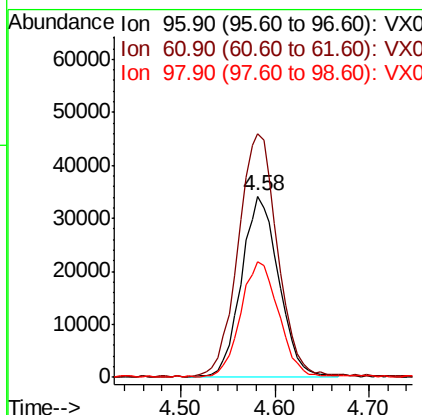
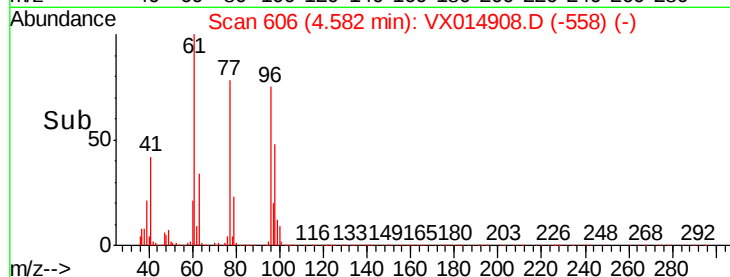
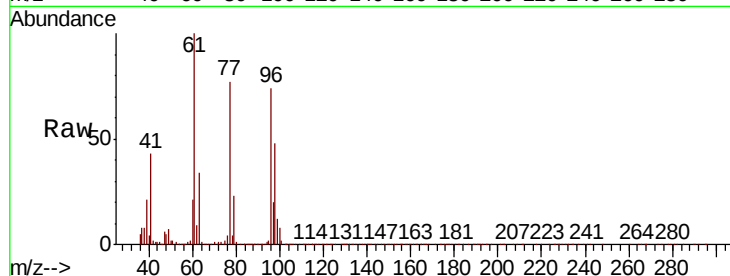


#27

cis-1,2-Dichloroethene
Concen: 18.972 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

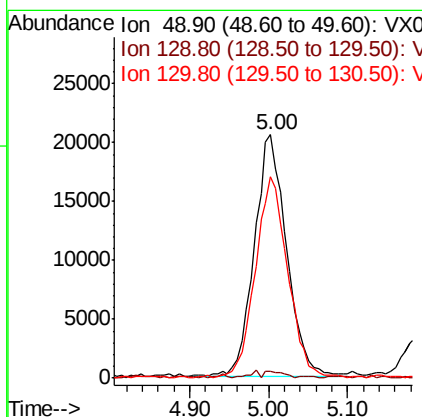
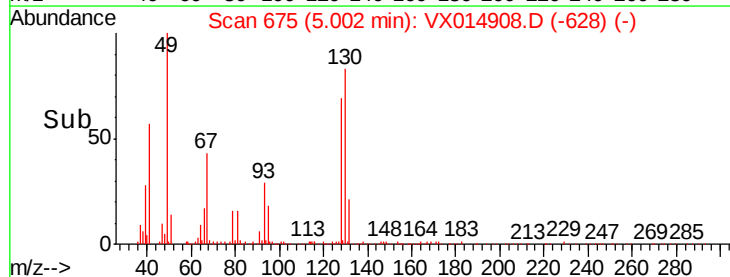
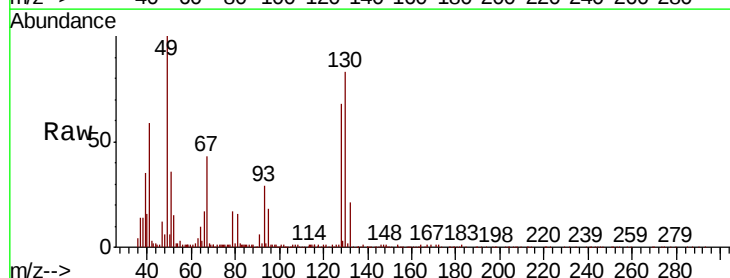
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	286.2
98	65.4	0.0	131.0

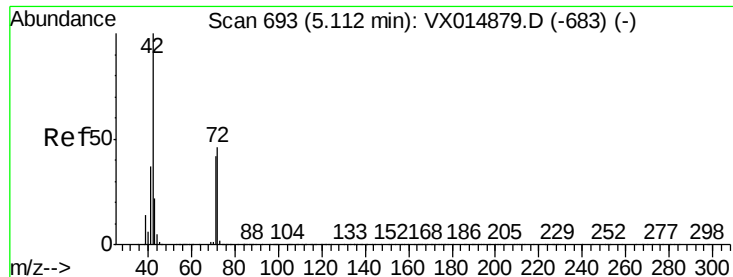


#28

Bromochloromethane
Concen: 19.251 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.2
130	85.2	67.4	101.2





#29

Tetrahydrofuran

Concen: 105.364 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

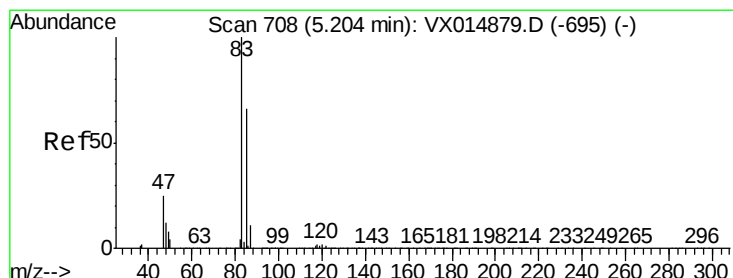
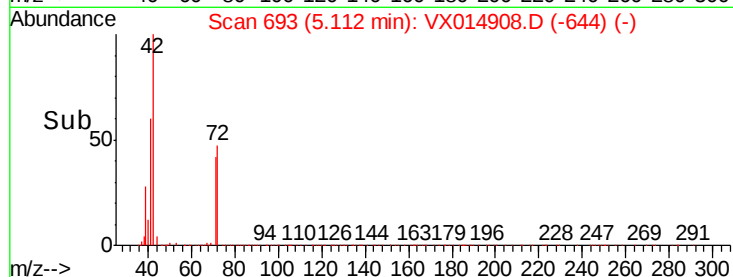
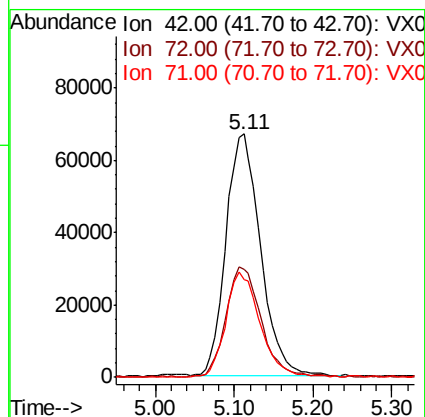
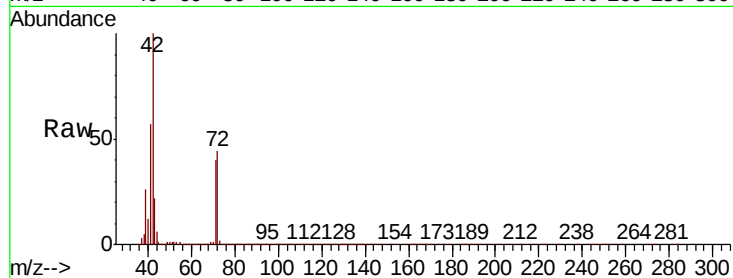
Tot Ion: 42 Resp: 203275

Ion Ratio Lower Upper

42 100

72 47.4 36.9 55.3

71 43.0 34.1 51.1



#30

Chloroform

Concen: 19.226 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014908.D

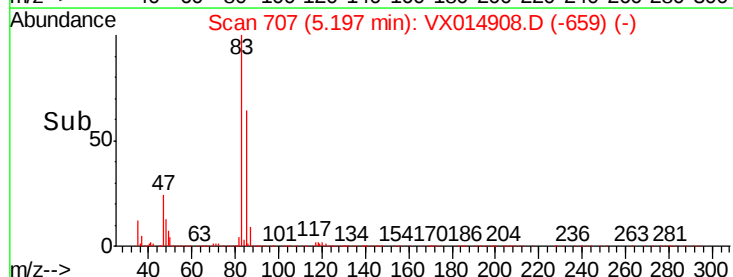
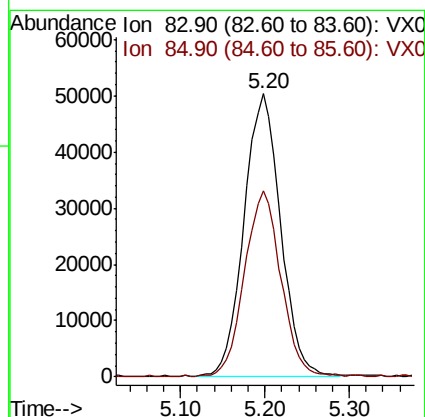
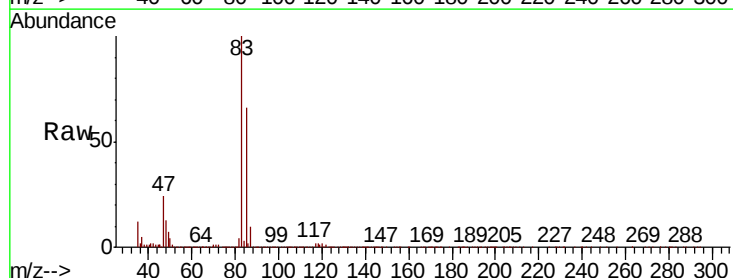
Acq: 11 Feb 2020 12:01

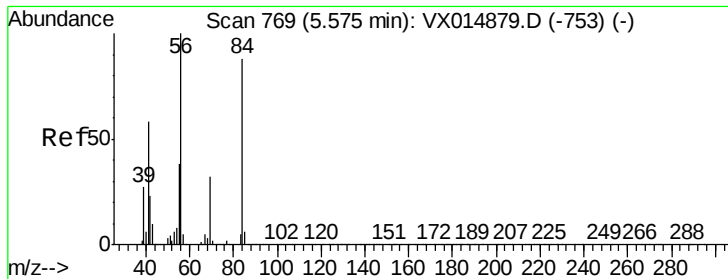
Tgt Ion: 83 Resp: 147596

Ion Ratio Lower Upper

83 100

85 66.0 52.9 79.3

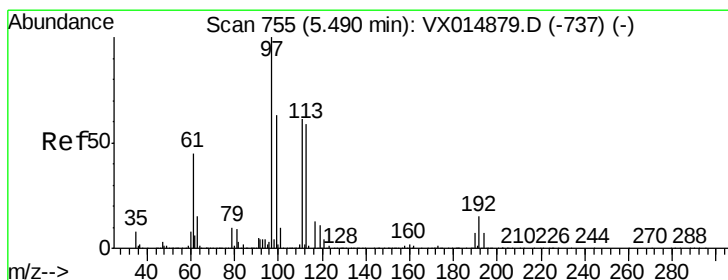
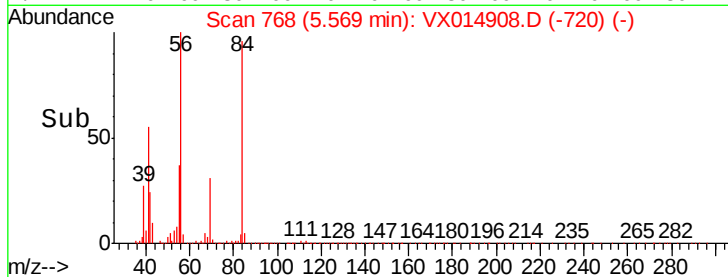
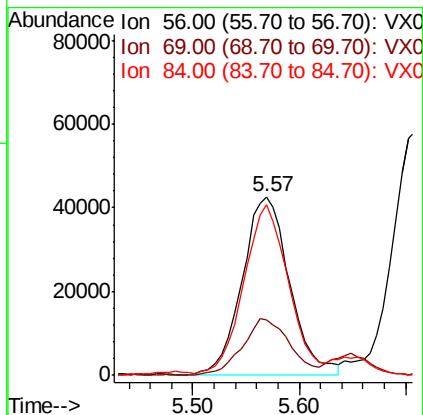
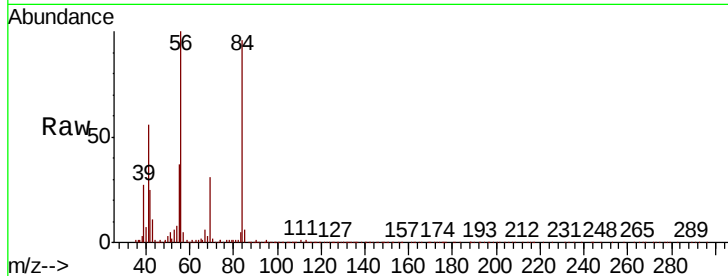




#31
Cyclohexane
Concen: 18.700 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

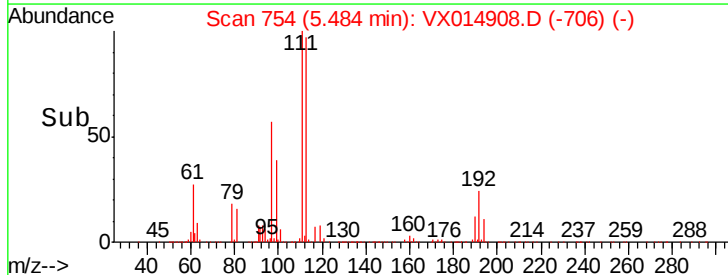
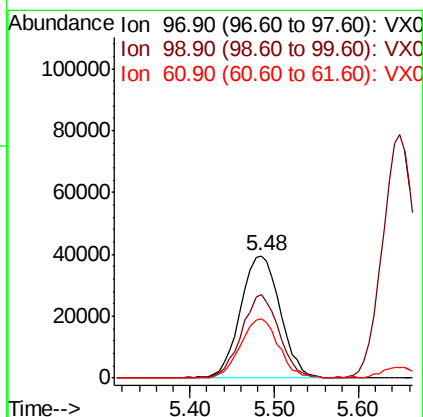
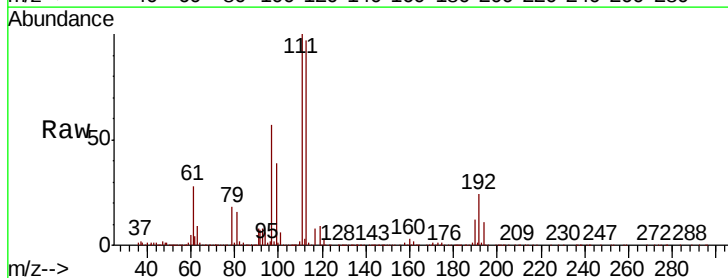
Instrument :
MSVOA_X
ClientSampleId :

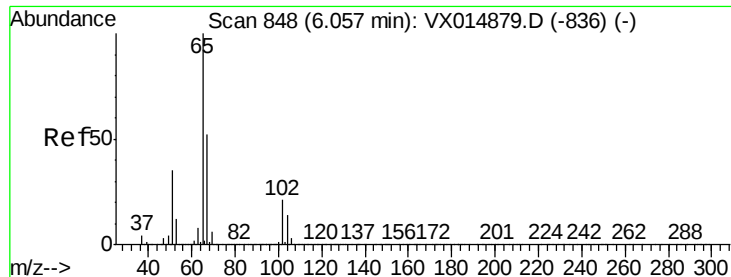
Tot Ion: 56 Resp: 131786
Ion Ratio Lower Upper
56 100
69 30.8 25.9 38.9
84 94.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.645 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 97 Resp: 125209
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 46.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.494 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

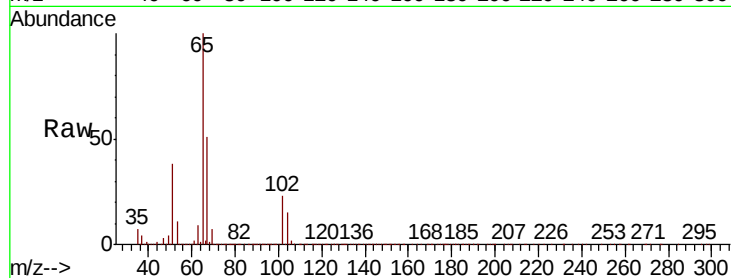
ClientSampleId :

Tot Ion: 65 Resp: 241745

Ion Ratio Lower Upper

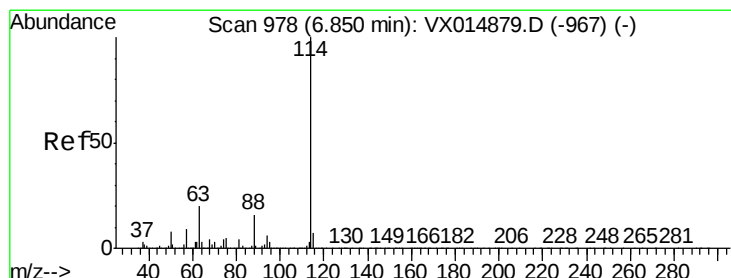
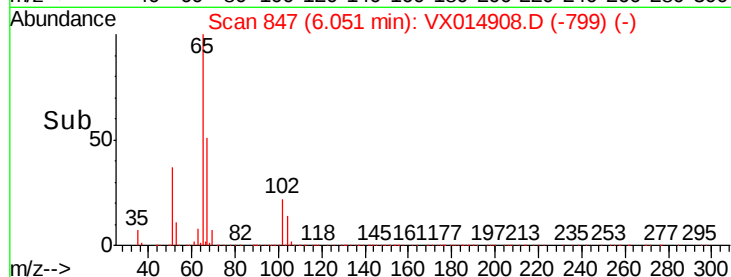
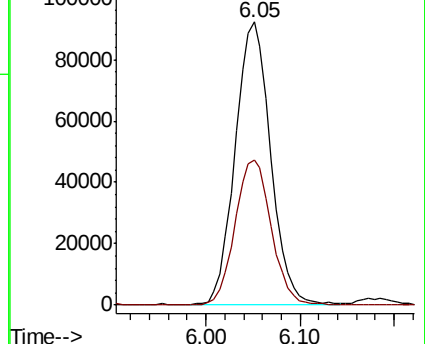
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

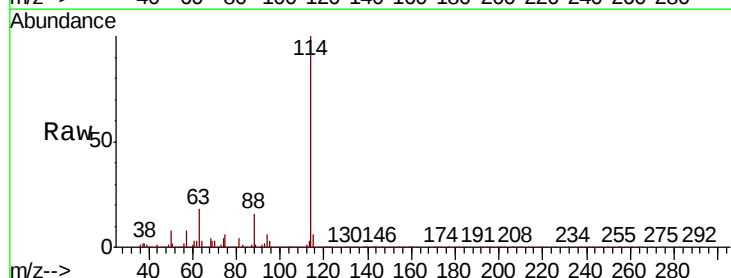
Tgt Ion: 114 Resp: 643757

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

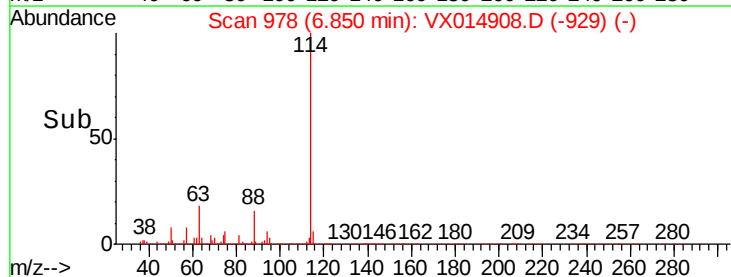
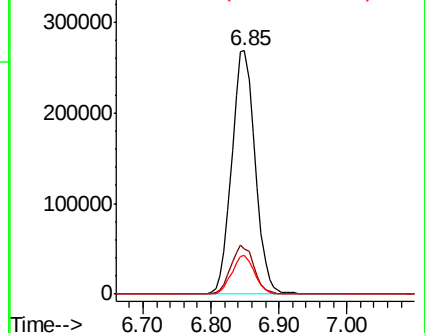
88 15.8 0.0 32.0

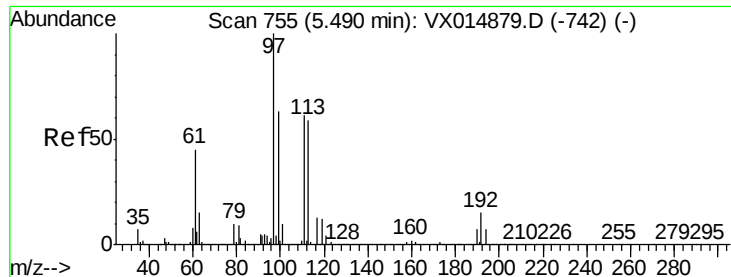


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 5.48 min Scan# 754

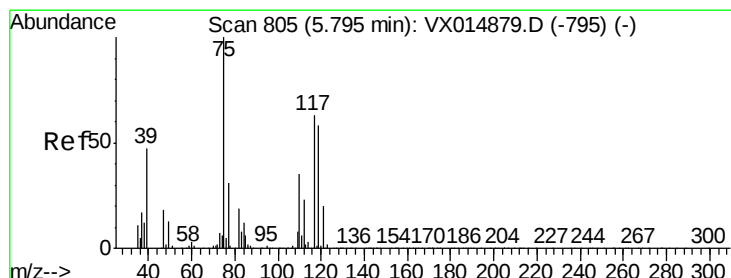
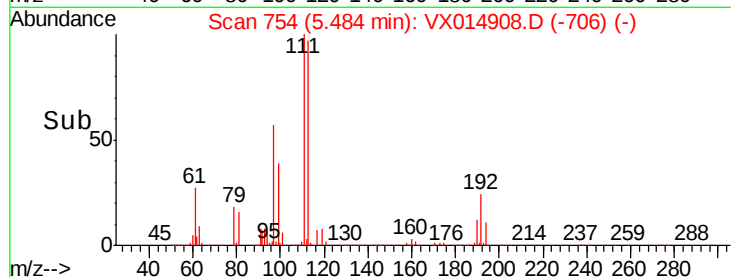
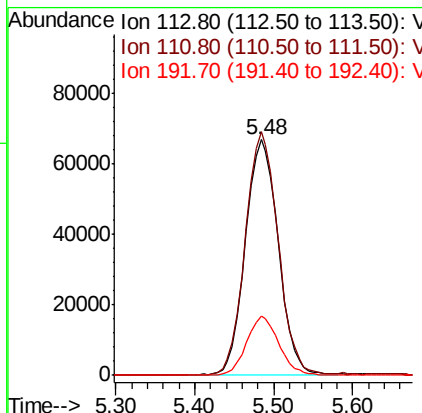
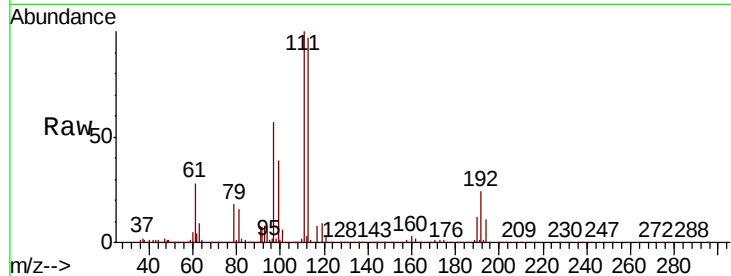
Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	194729
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	24.6	19.1	28.7



#36

1,1-Dichloropropene

Concen: 19.220 ug/l

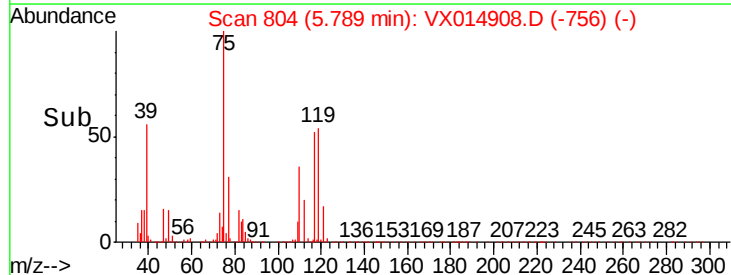
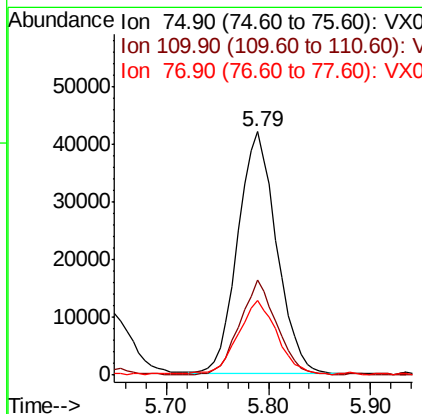
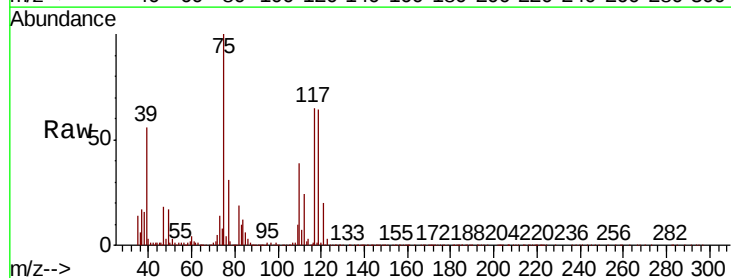
RT: 5.79 min Scan# 804

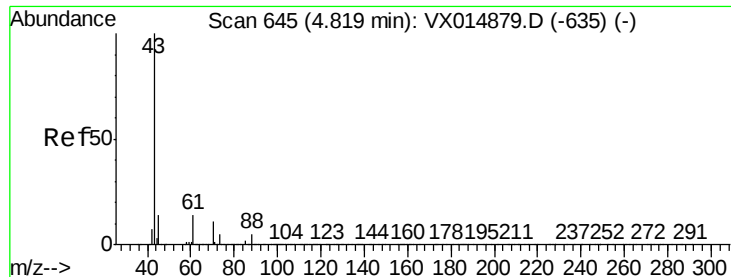
Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Tgt Ion:	75	Resp:	110682
Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.3	54.8
77	31.0	24.6	36.8

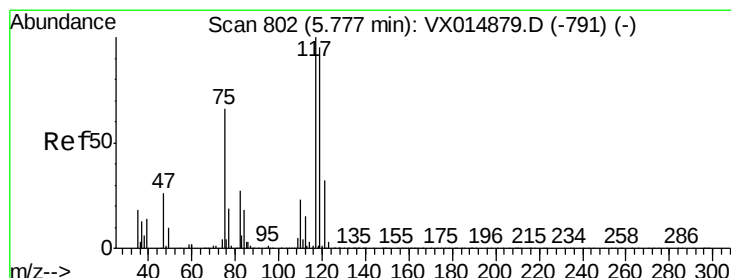
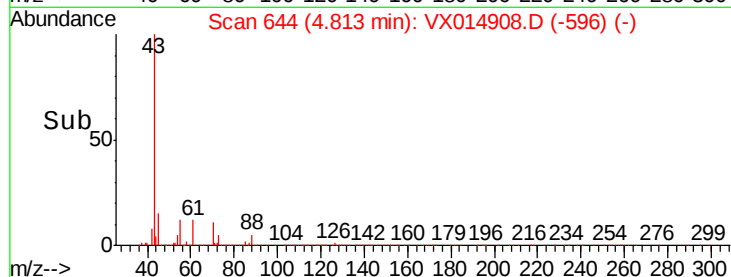
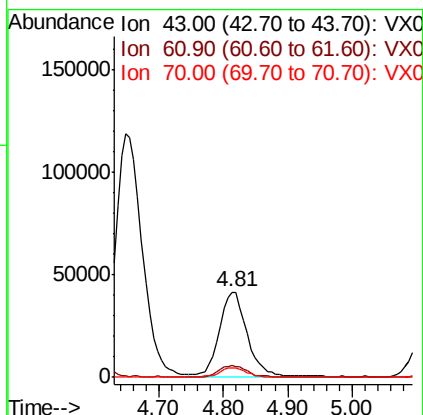
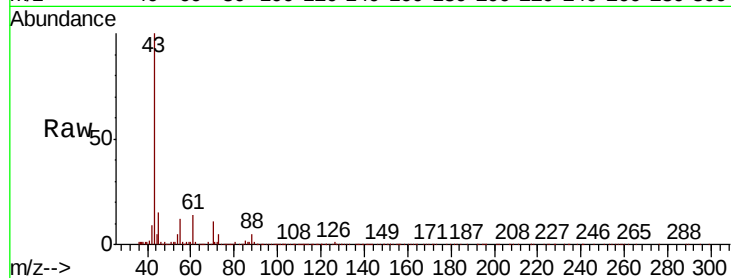




#37
Ethyl Acetate
Concen: 20.879 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

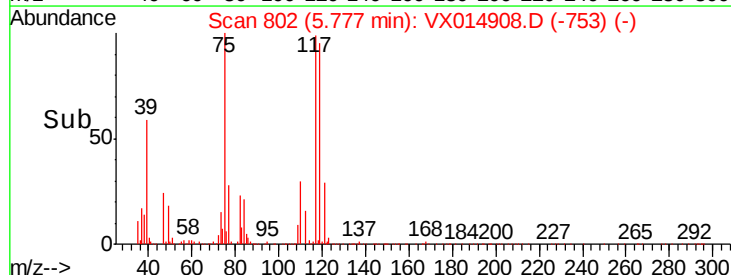
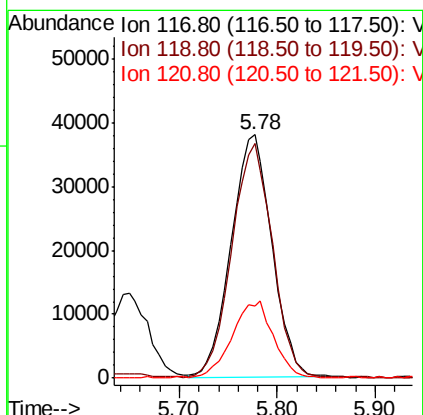
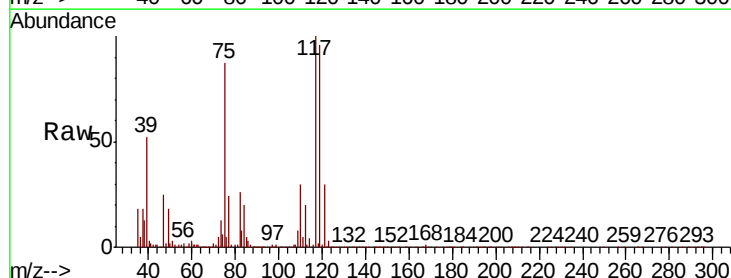
Instrument :
MSVOA_X
ClientSampleId :

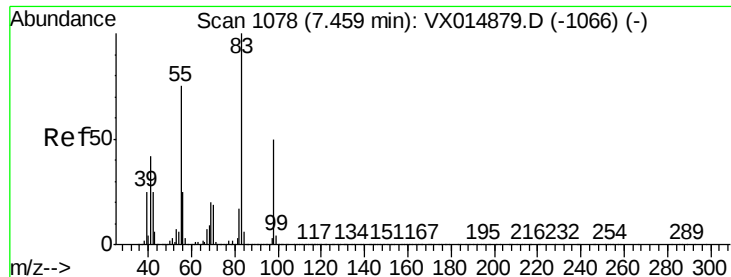
Tot Ion: 43 Resp: 125404
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.545 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 117 Resp: 109686
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0
121 29.6 25.4 38.2

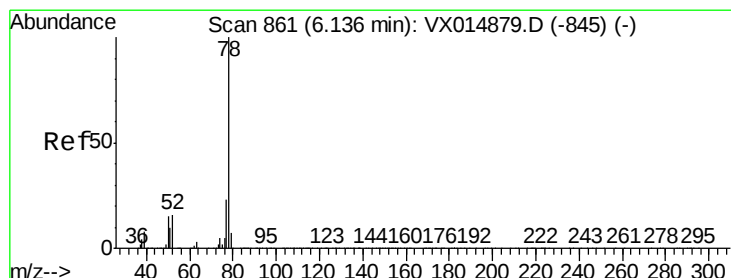
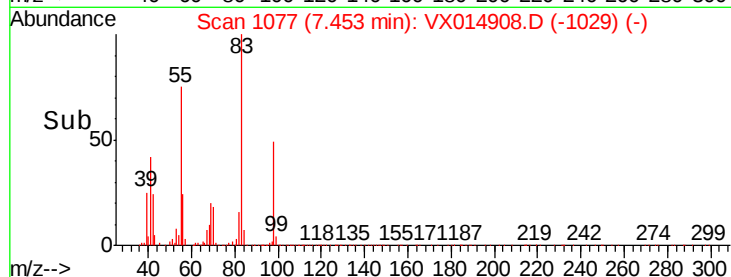
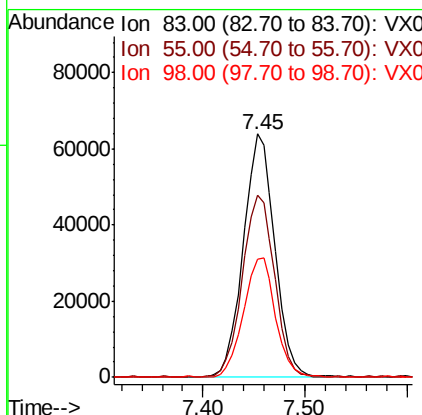
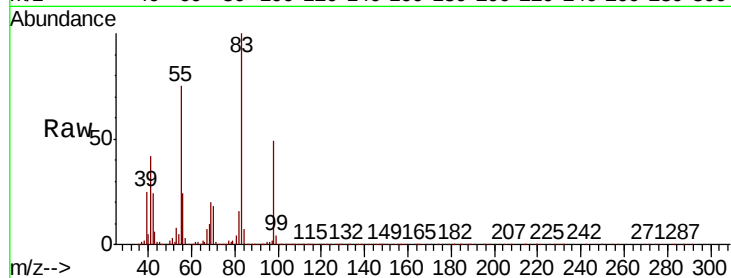




#39
Methvlcvclohexane
Concen: 19.041 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

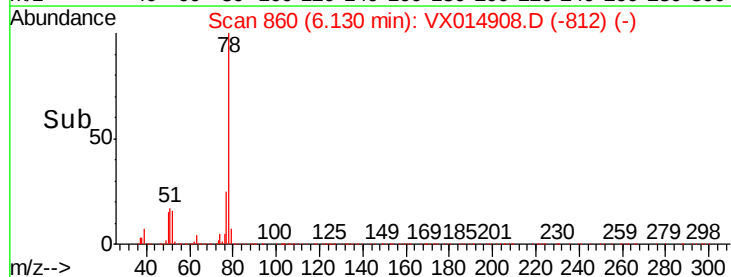
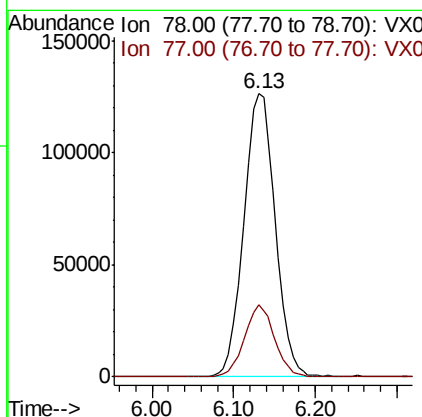
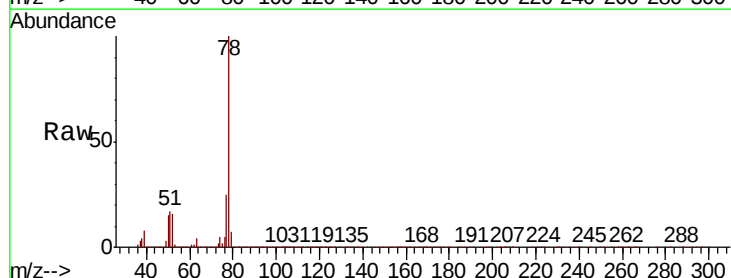
Instrument :
MSVOA_X
ClientSampleId :

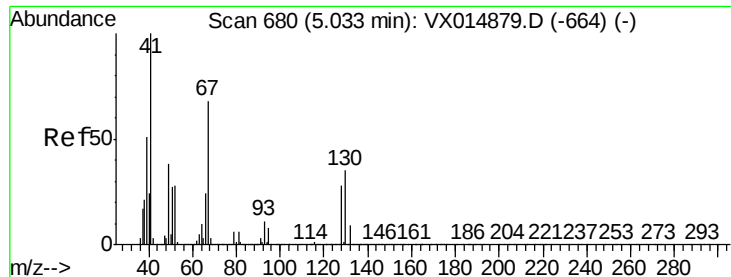
Tot Ion	83	Resp	137129
Ion Ratio	Lower	Upper	
83	100		
55	74.8	60.0	90.0
98	48.4	39.6	59.4



#40
Benzene
Concen: 19.673 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion	78	Resp	338491
Ion Ratio	Lower	Upper	
78	100		
77	25.3	18.8	28.2





#41

Methacrylonitrile

Concen: 21.097 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 68261

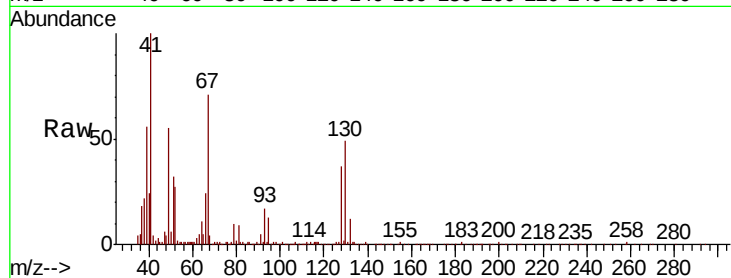
Ion Ratio Lower Upper

41 100

39 57.0 44.7 67.1

67 72.4 56.6 84.8

52 27.8 22.3 33.5

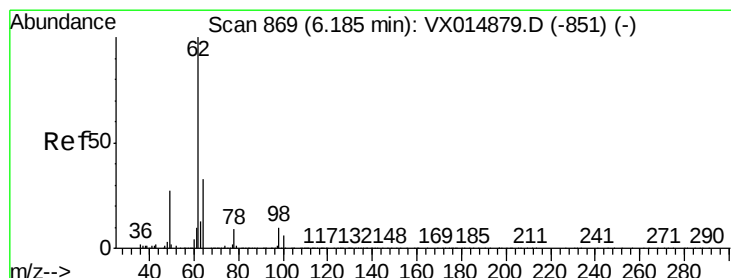
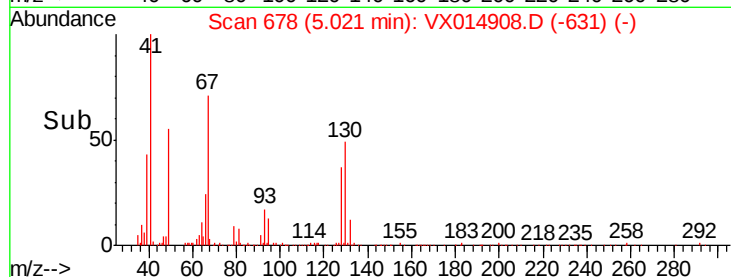
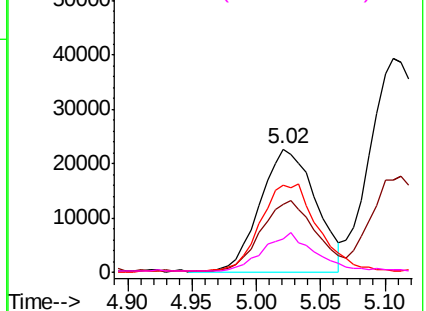


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.659 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014908.D

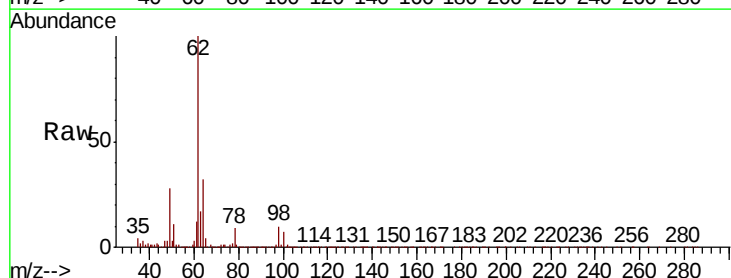
Acq: 11 Feb 2020 12:01

Tgt Ion: 62 Resp: 122253

Ion Ratio Lower Upper

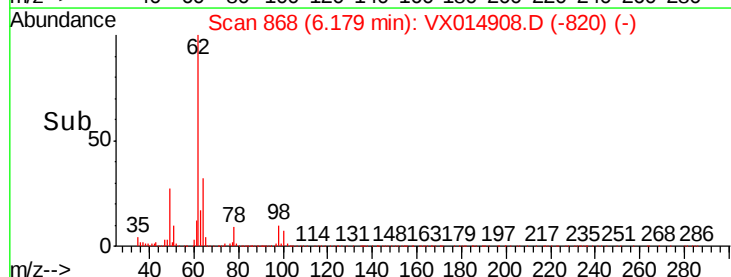
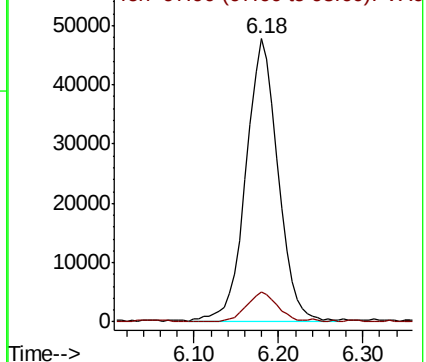
62 100

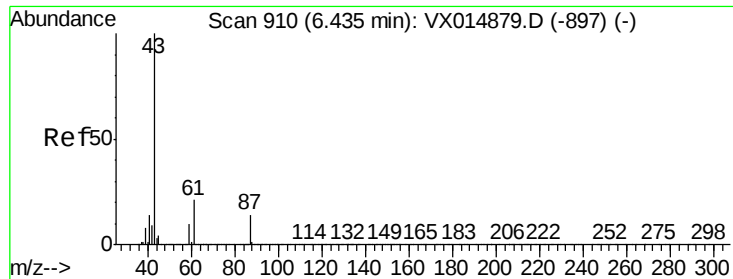
98 10.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



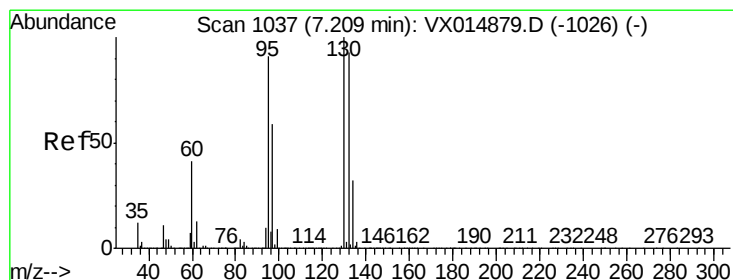
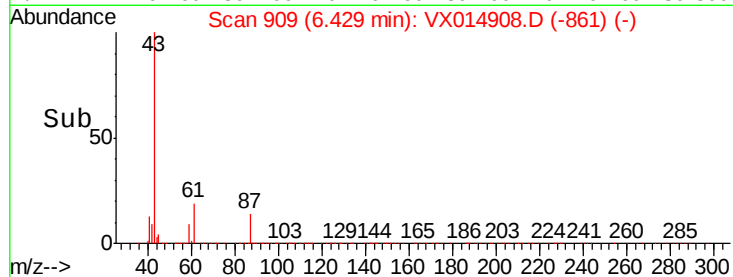
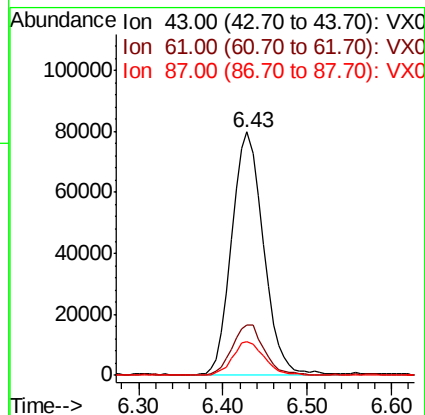
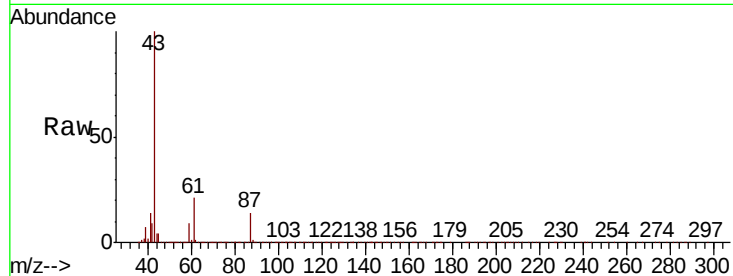


#43

Isopropyl Acetate
 Concen: 20.445 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Instrument :
 MSVOA_X
 ClientSampleId :

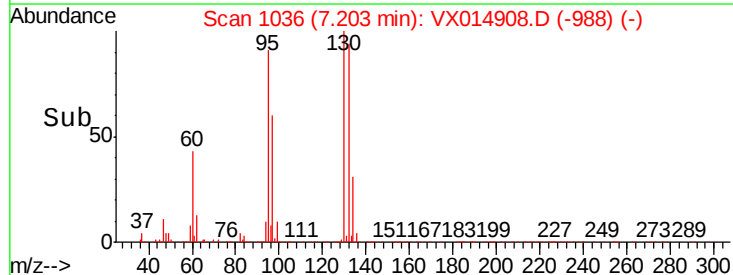
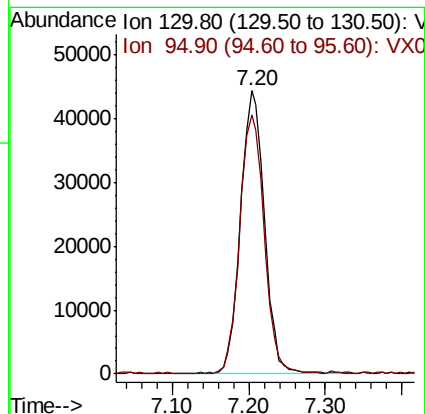
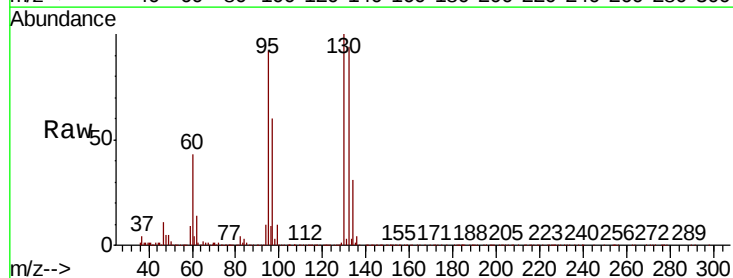
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.4
87	13.6	11.0	16.6

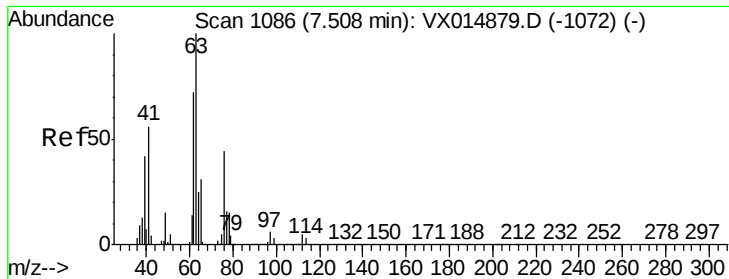


#44

Trichloroethene
 Concen: 19.245 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	182.6





#45

1,2-Dichloropropane

Concen: 19.599 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

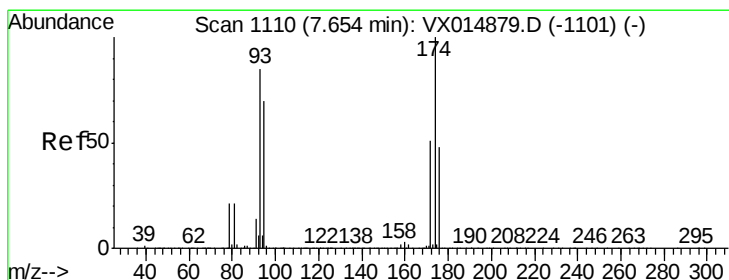
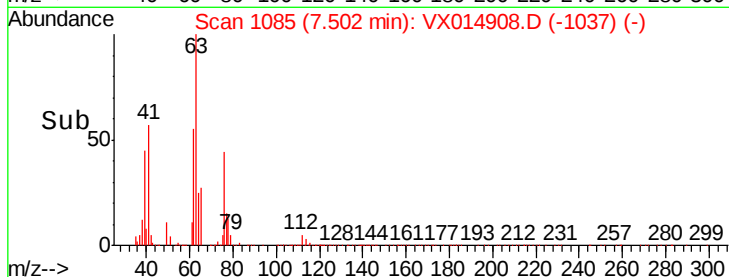
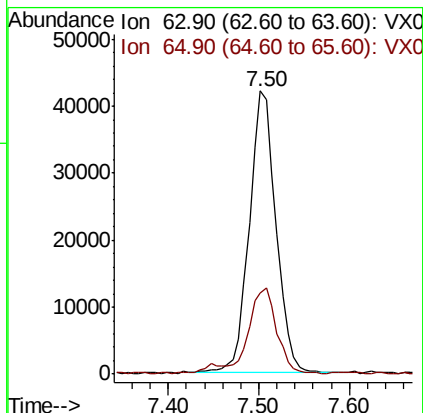
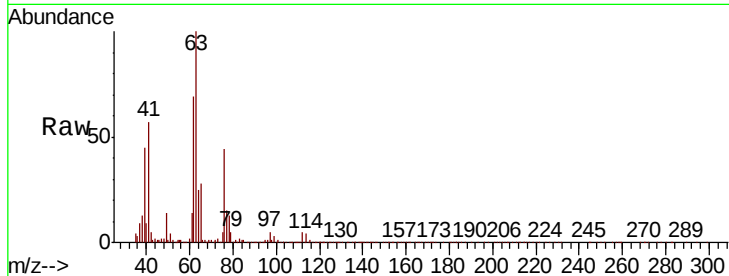
ClientSampleId :

Tot Ion: 63 Resp: 86001

Ion Ratio Lower Upper

63 100

65 28.0 24.9 37.3



#46

Dibromomethane

Concen: 19.714 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

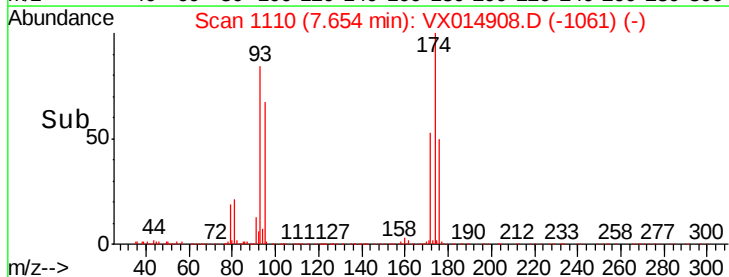
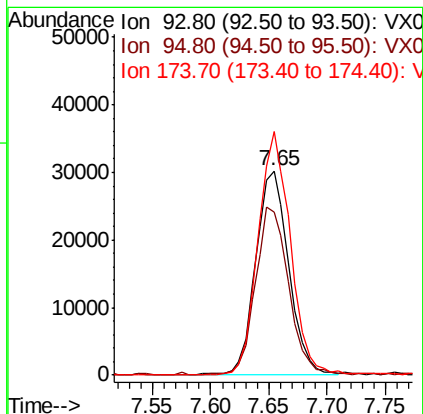
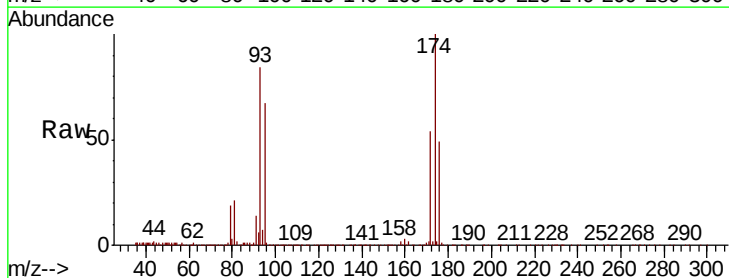
Tgt Ion: 93 Resp: 59130

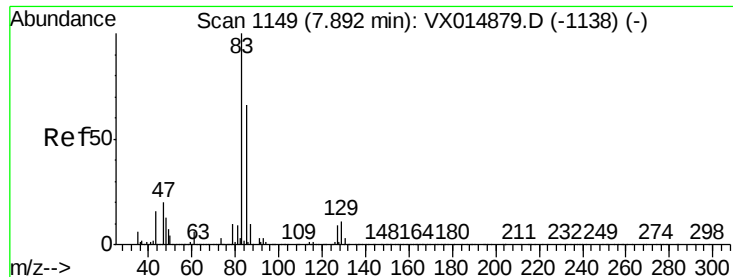
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 118.2 95.4 143.2





#47

Bromodichloromethane

Concen: 19.332 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

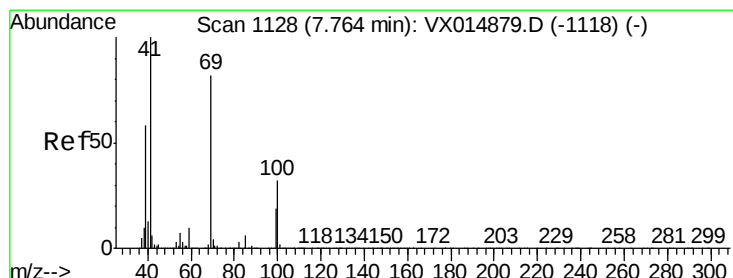
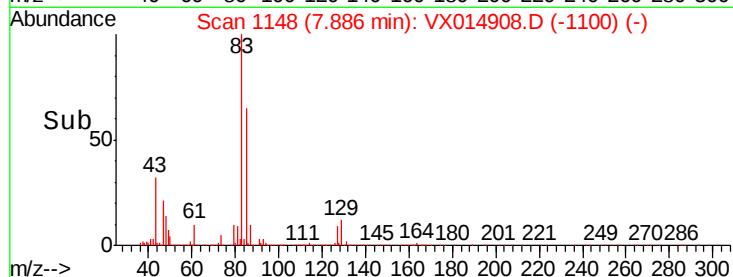
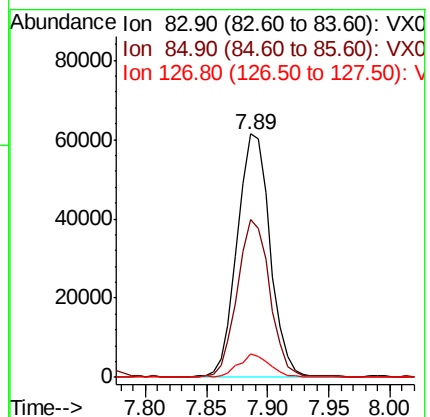
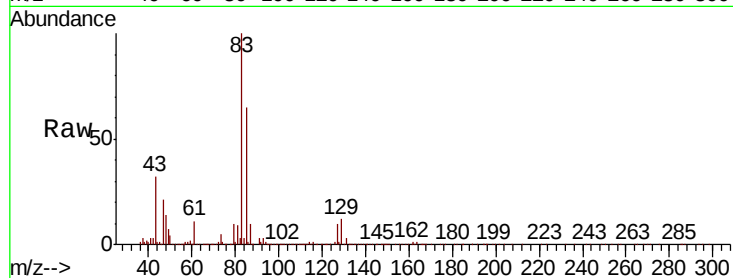
Tot Ion: 83 Resp: 114970

Ion Ratio Lower Upper

83 100

85 64.9 52.5 78.7

127 9.4 7.4 11.0



#48

Methyl methacrylate

Concen: 20.211 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

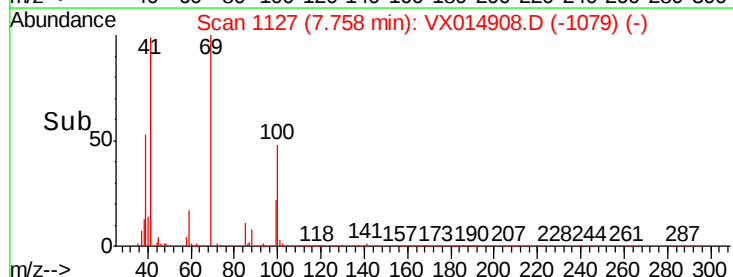
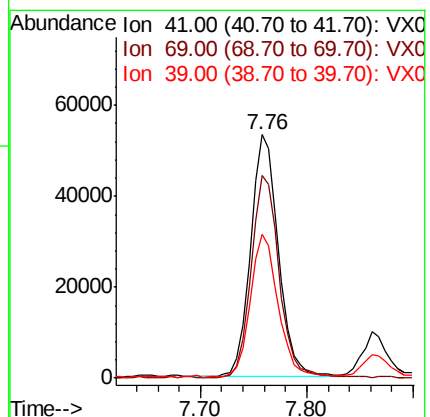
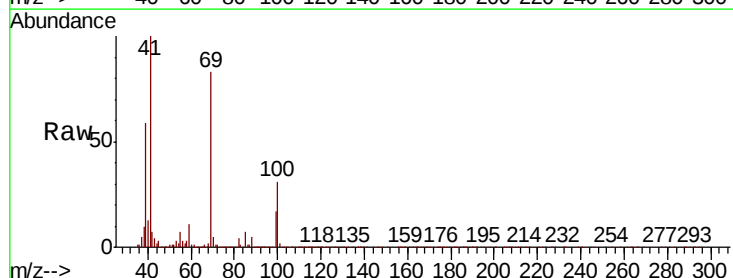
Tgt Ion: 41 Resp: 98549

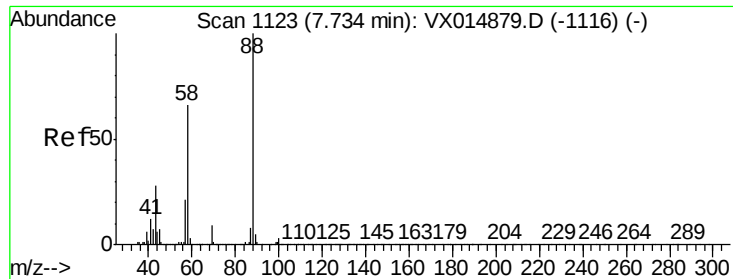
Ion Ratio Lower Upper

41 100

69 83.7 65.7 98.5

39 57.7 45.8 68.8

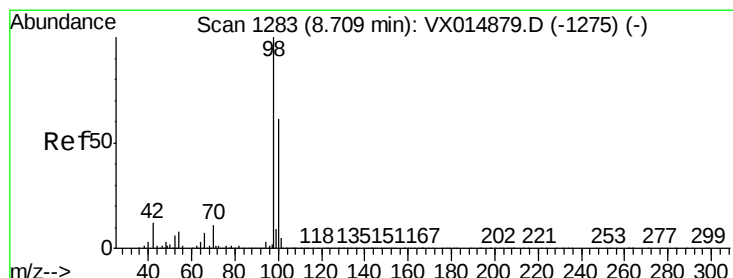
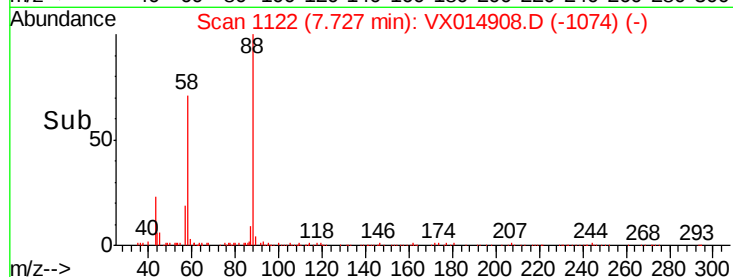
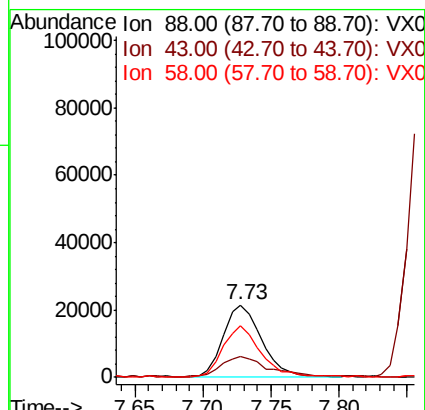
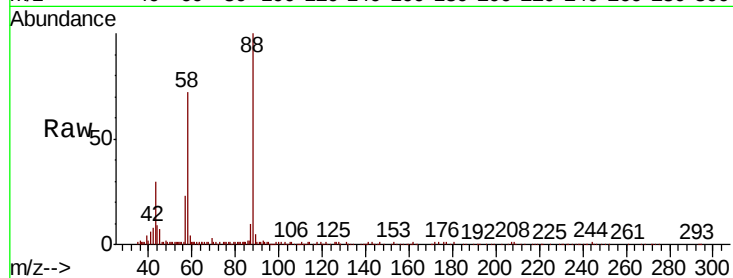




#49
1,4-Dioxane
Concen: 453.777 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

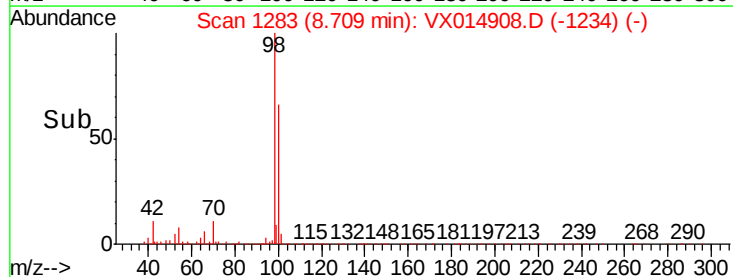
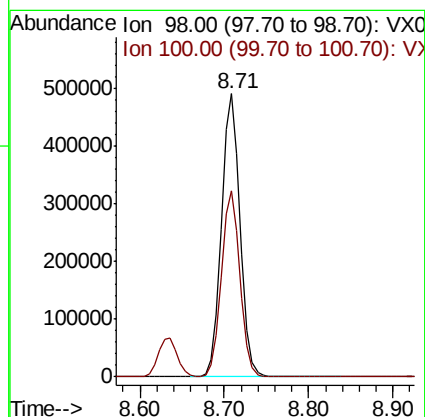
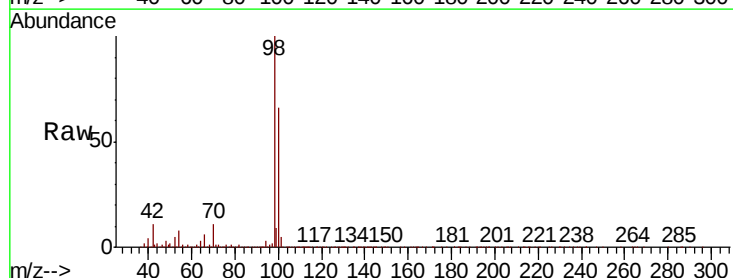
Instrument :
MSVOA_X
ClientSampleId :

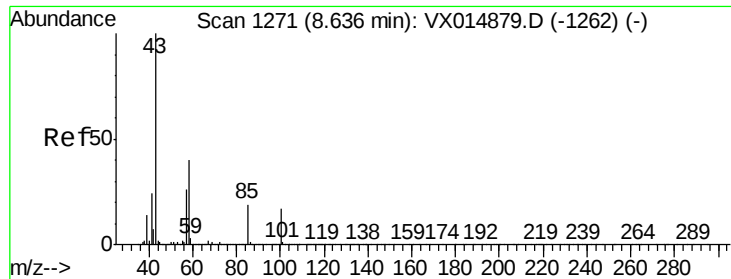
Tot Ion: 88 Resp: 41369
Ion Ratio Lower Upper
88 100
43 34.2 27.0 40.4
58 70.5 53.2 79.8



#50
Toluene-d8
Concen: 49.225 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 98 Resp: 743625
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 105.886 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

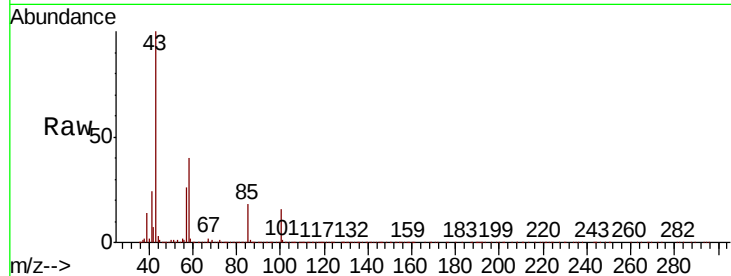
ClientSampleId :

Tot Ion: 43 Resp: 633477

Ion Ratio Lower Upper

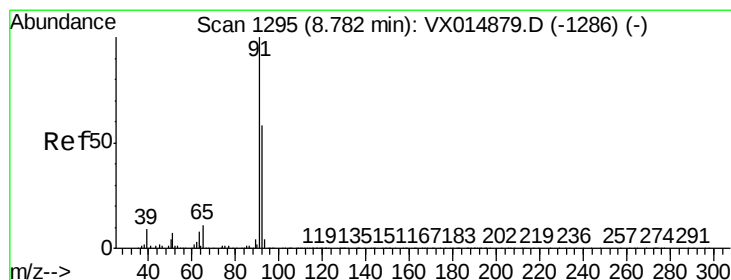
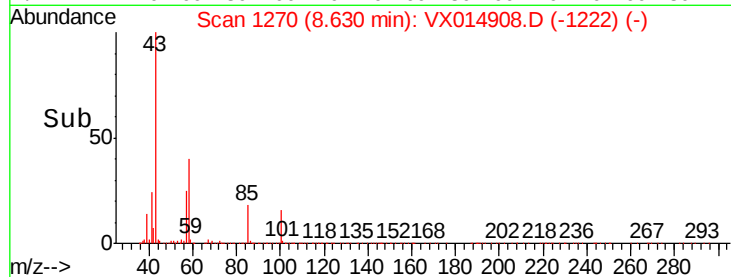
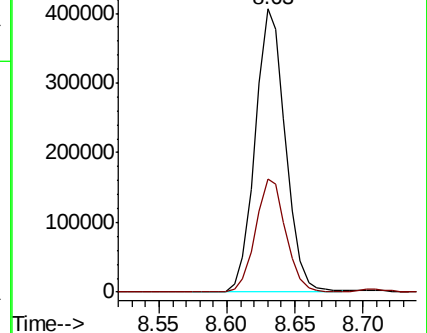
43 100

58 40.0 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.520 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014908.D

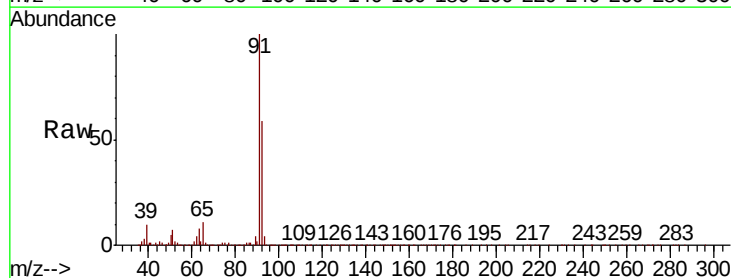
Acq: 11 Feb 2020 12:01

Tgt Ion: 92 Resp: 213316

Ion Ratio Lower Upper

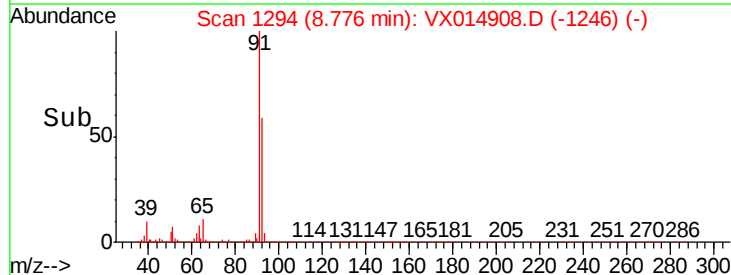
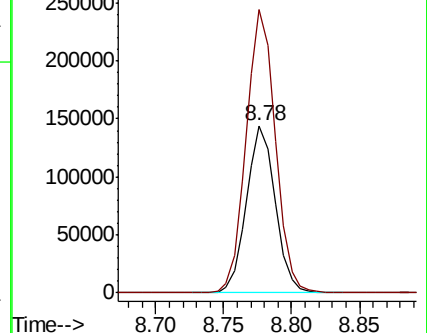
92 100

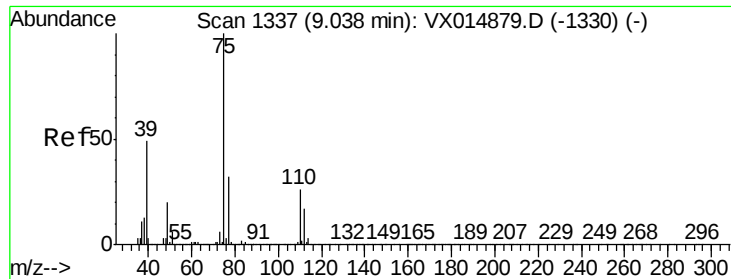
91 172.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

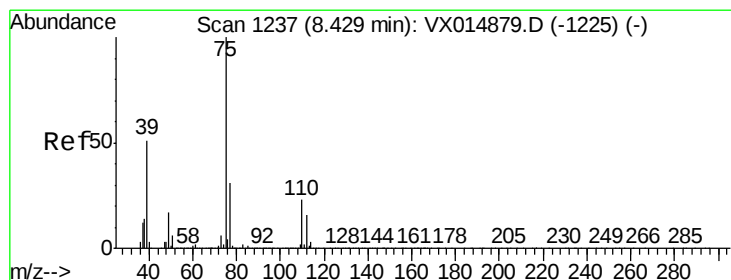
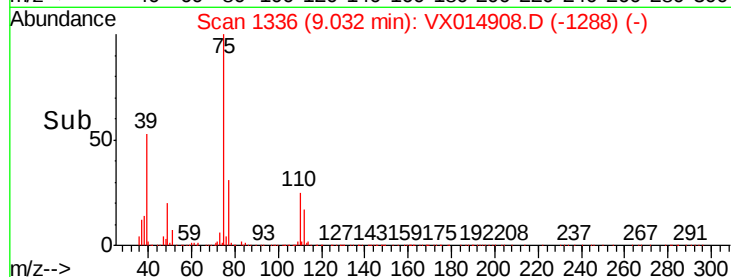
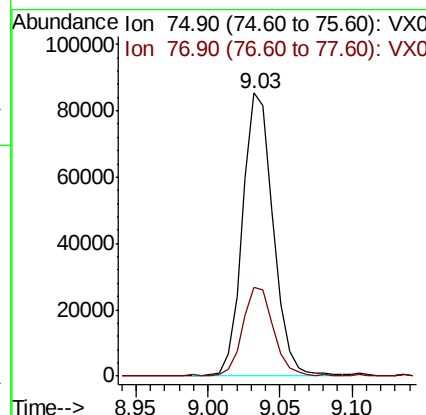
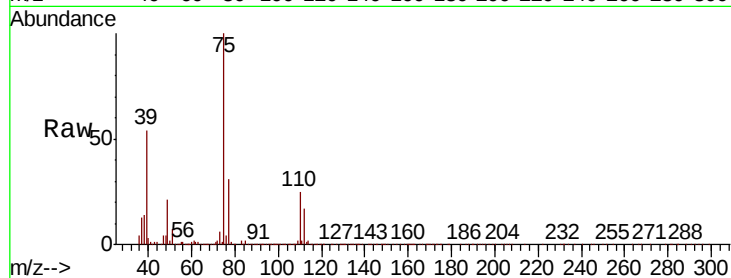




#53
t-1,3-Dichloropropene
Concen: 19.283 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

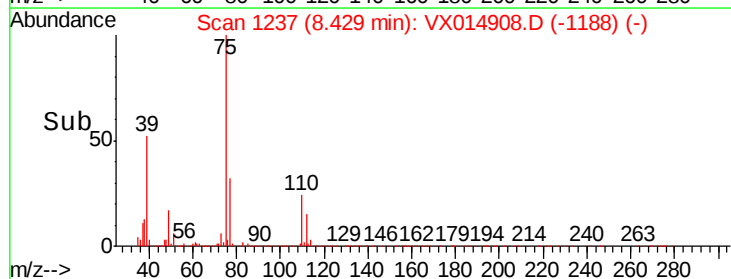
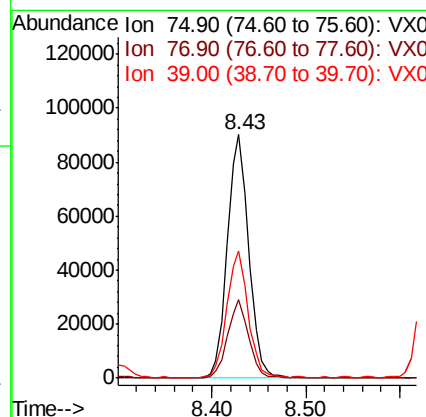
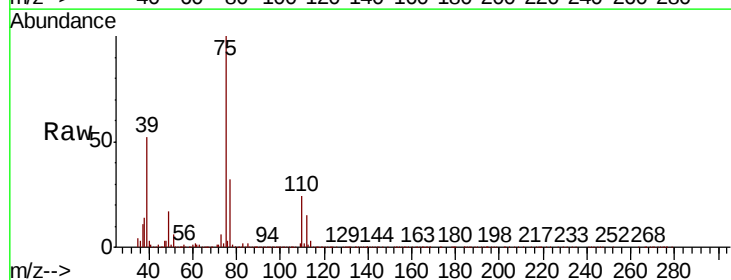
Instrument :
MSVOA_X
ClientSampleId :

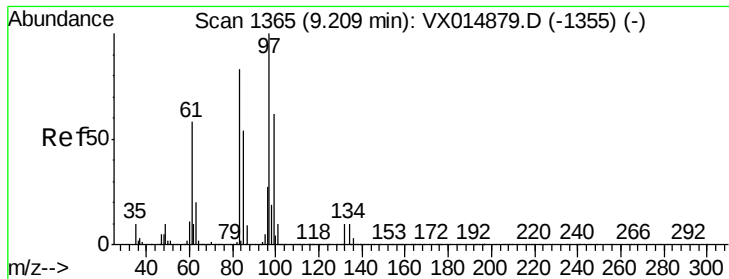
Tot Ion: 75 Resp: 125685
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.610 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 75 Resp: 141197
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 52.1 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 19.946 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 88186

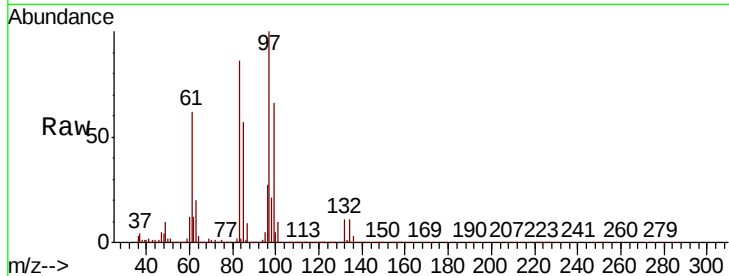
Ion Ratio Lower Upper

97 100

83 85.4 66.6 99.8

85 57.3 43.5 65.3

99 65.4 49.6 74.4

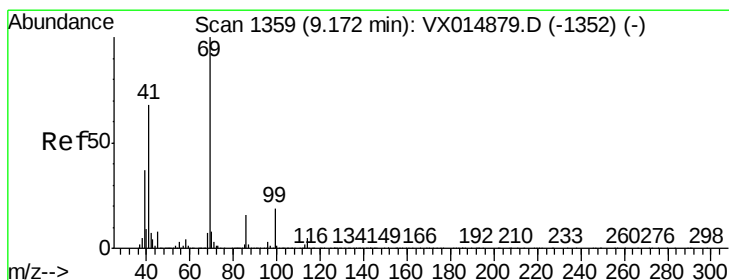
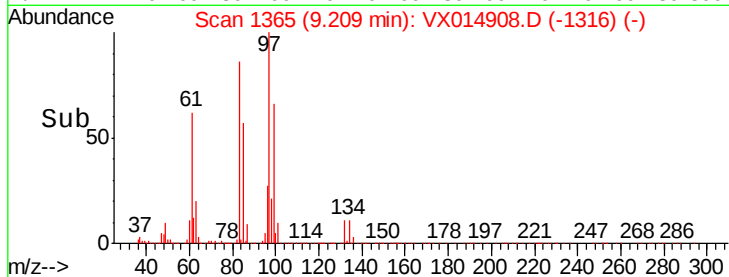
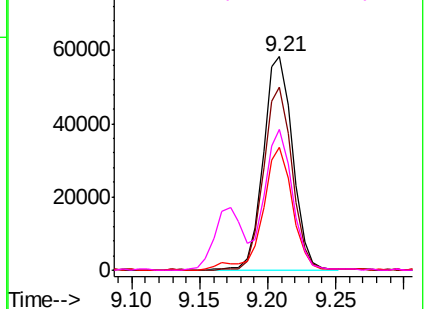


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.043 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

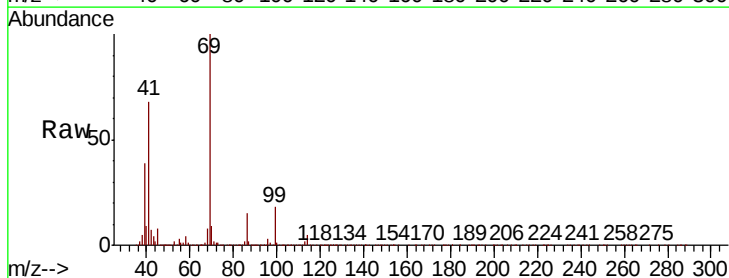
Tgt Ion: 69 Resp: 133197

Ion Ratio Lower Upper

69 100

41 68.4 54.8 82.2

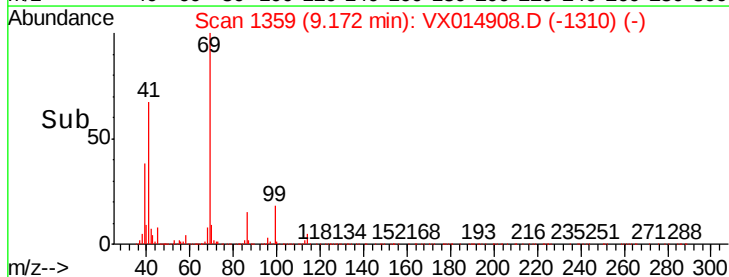
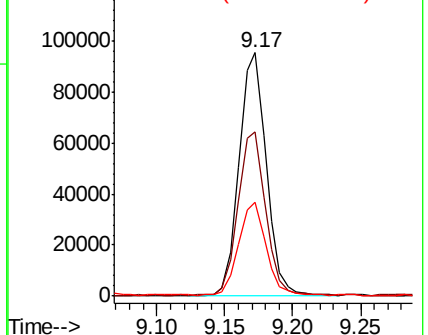
39 38.4 29.9 44.9

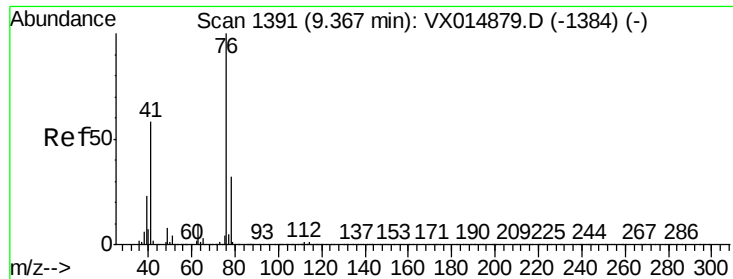


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.971 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

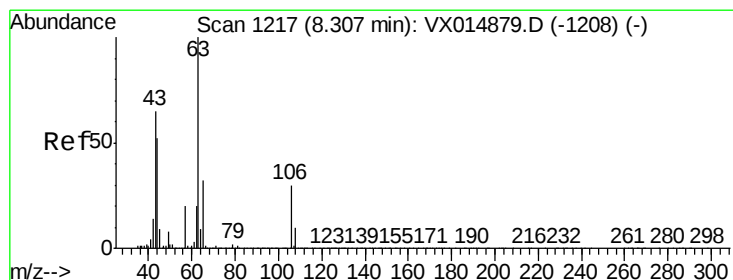
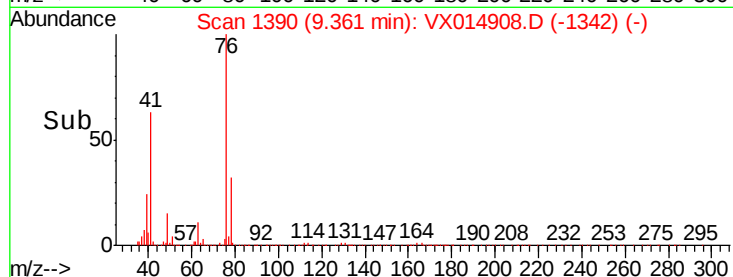
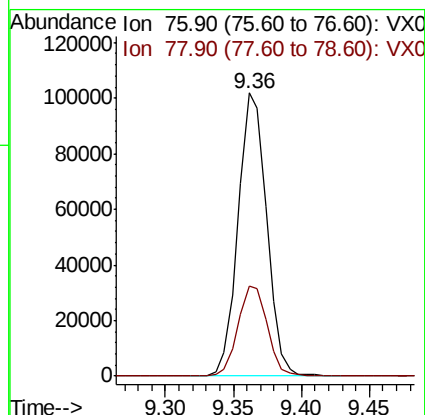
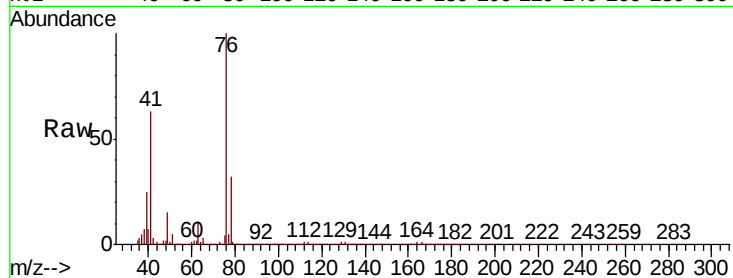
ClientSampled :

Tot Ion: 76 Resp: 148636

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.020 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014908.D

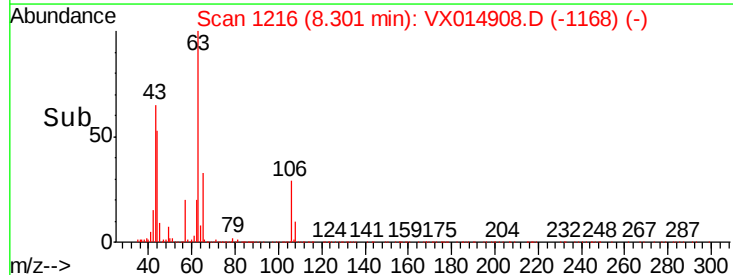
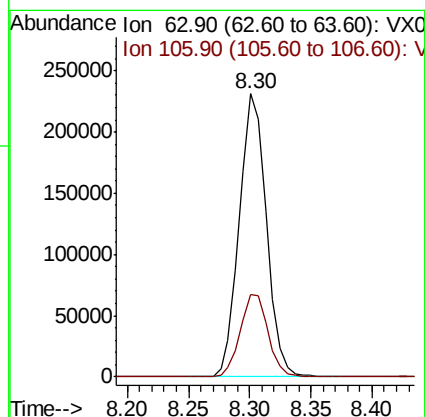
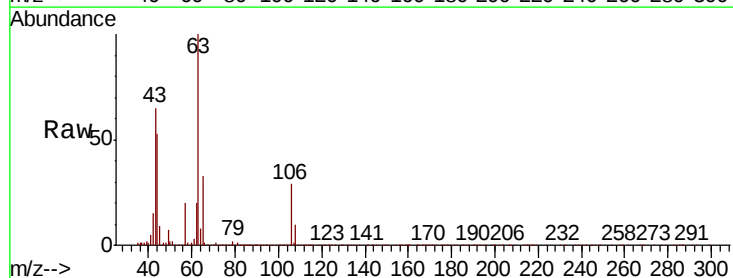
Acq: 11 Feb 2020 12:01

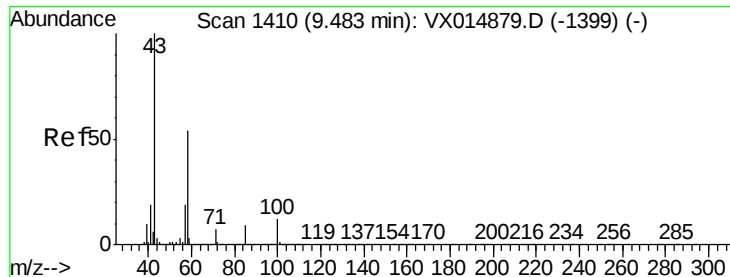
Tgt Ion: 63 Resp: 354571

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8





#59

2-Hexanone

Concen: 105.129 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

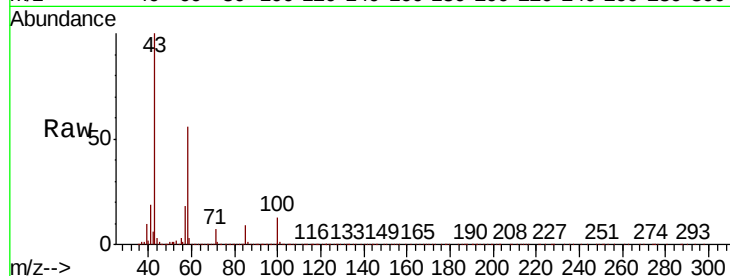
ClientSampleId :

Tot Ion: 43 Resp: 494358

Ion Ratio Lower Upper

43 100

58 55.6 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

400000

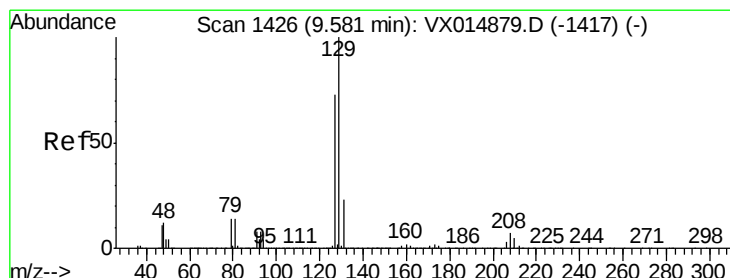
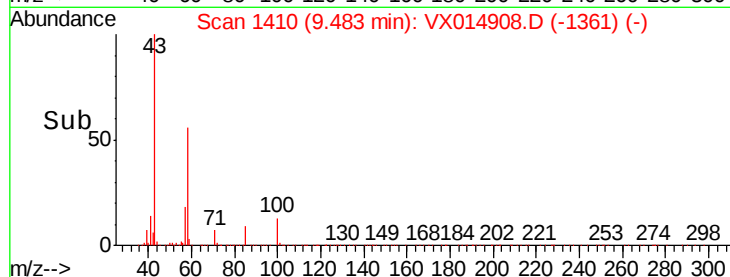
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 19.689 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014908.D

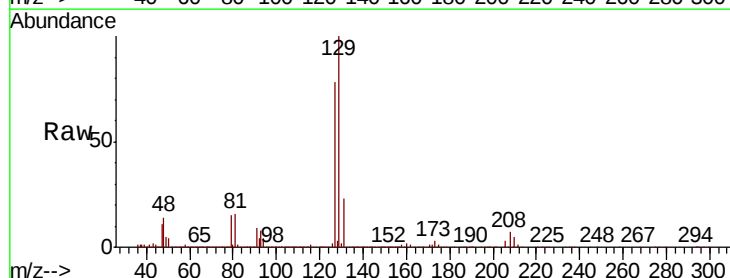
Acq: 11 Feb 2020 12:01

Tgt Ion:129 Resp: 93679

Ion Ratio Lower Upper

129 100

127 77.0 37.8 113.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

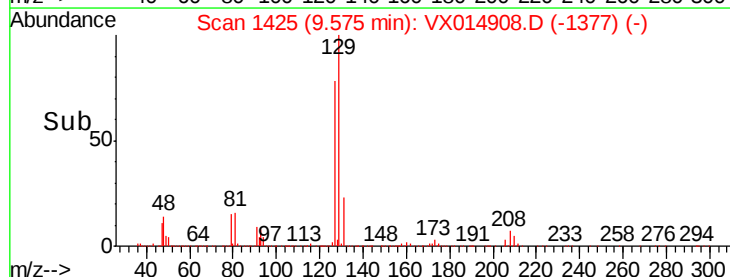
60000

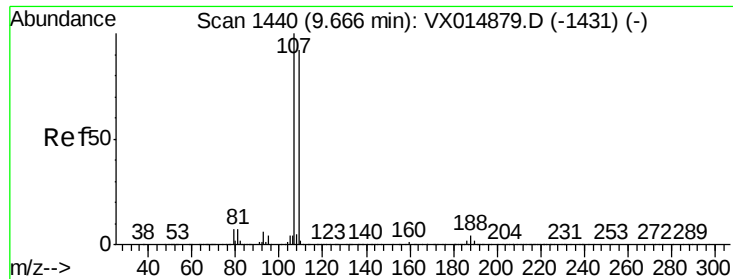
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 19.579 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

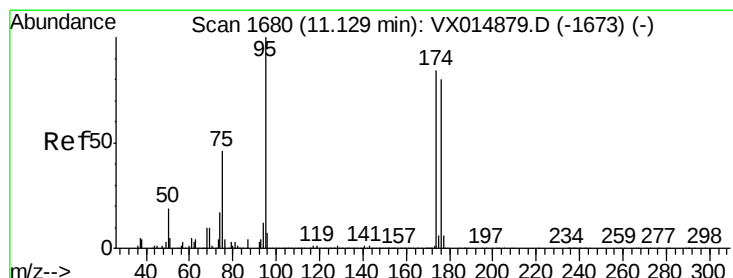
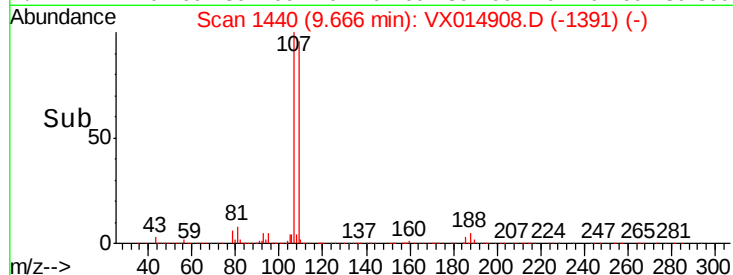
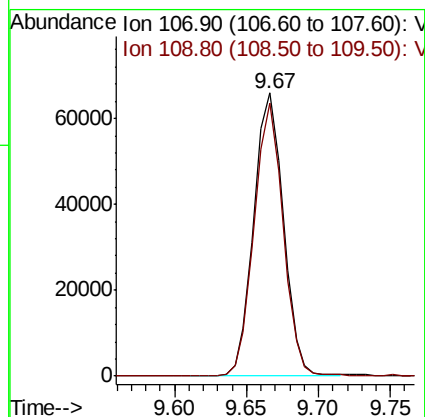
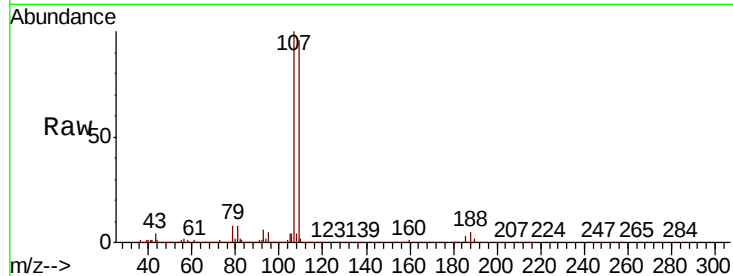
ClientSampleId :

Tot Ion:107 Resp: 93400

Ion Ratio Lower Upper

107 100

109 94.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.039 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

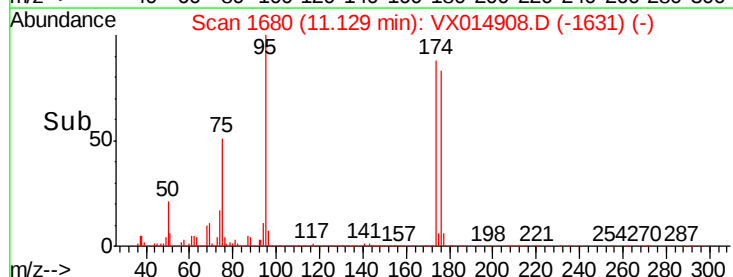
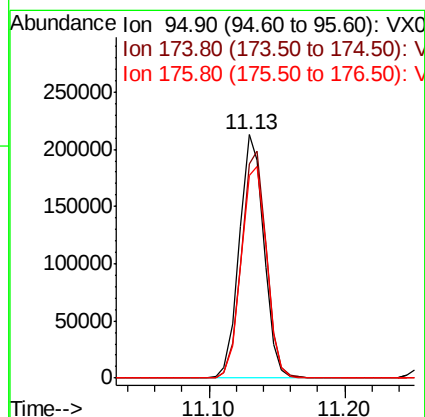
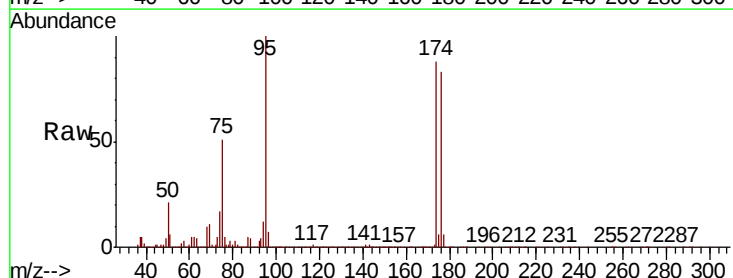
Tgt Ion: 95 Resp: 266865

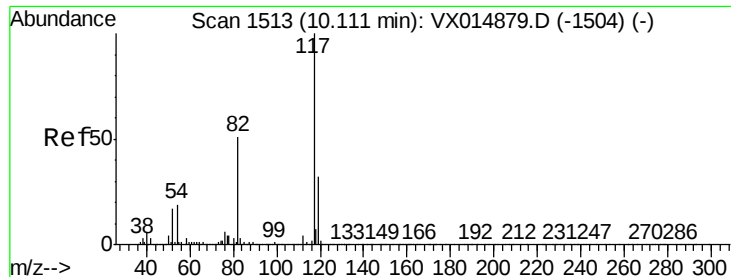
Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.0

176 90.7 0.0 178.0

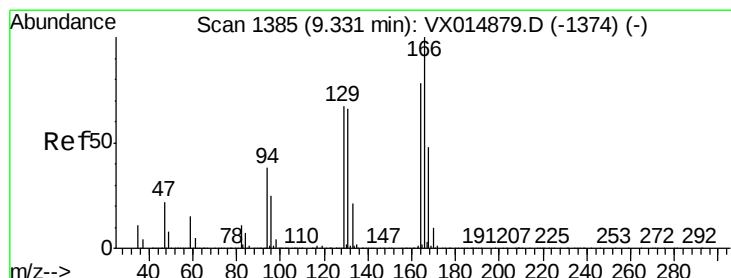
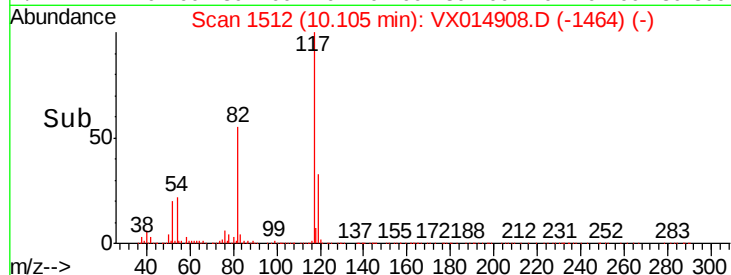
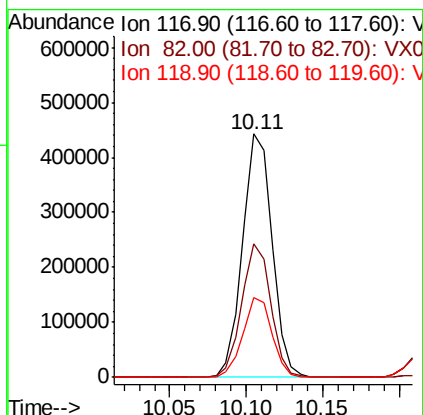
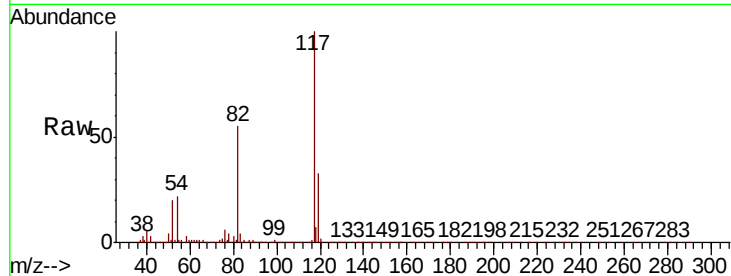




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

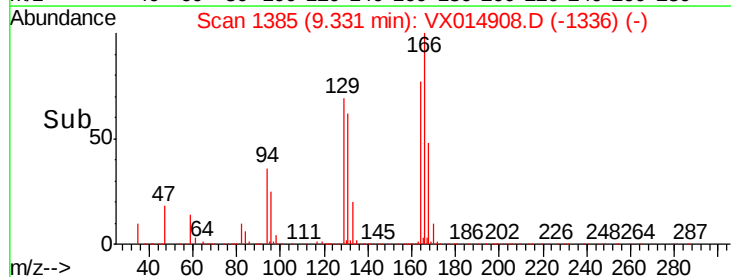
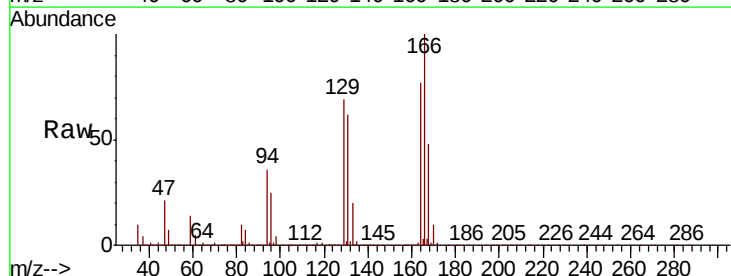
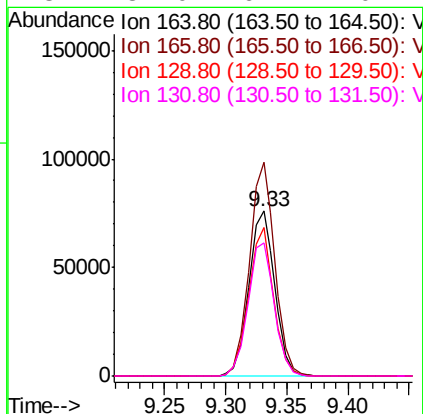
Instrument :
MSVOA_X
ClientSampleId :

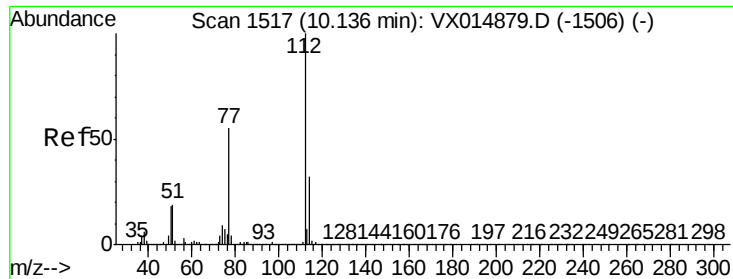
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.5	60.7
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 20.145 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.6	153.8
129	89.9	68.3	102.5
131	81.0	67.4	101.2





#65

Chlorobenzene

Concen: 19.705 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

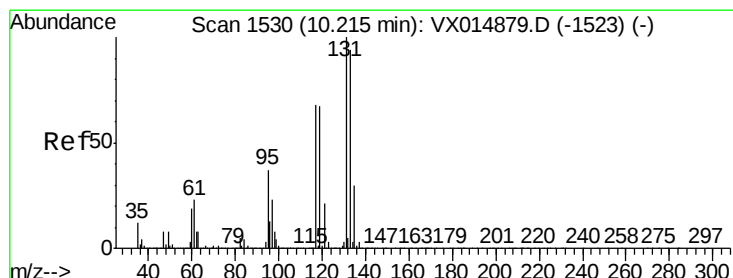
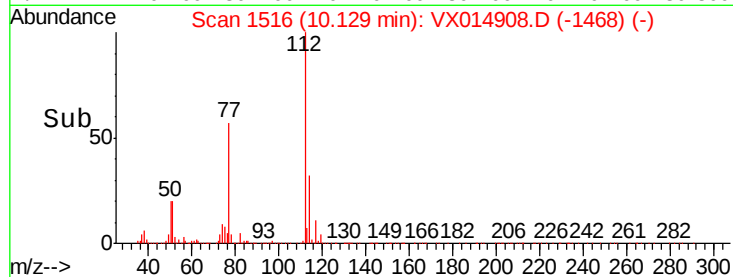
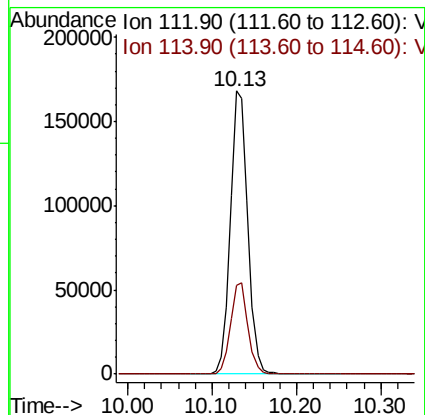
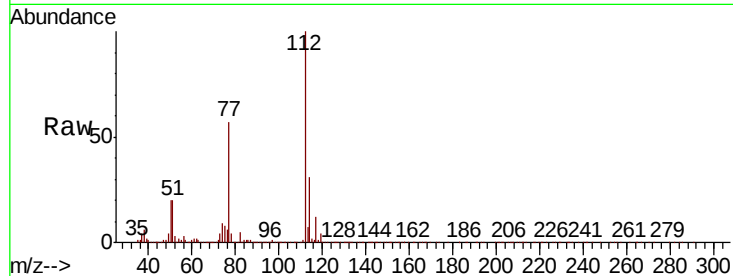
ClientSampleId :

Tot Ion:112 Resp: 237859

Ion Ratio Lower Upper

112 100

114 31.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.071 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

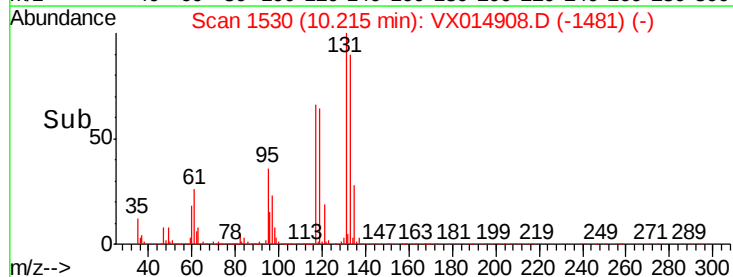
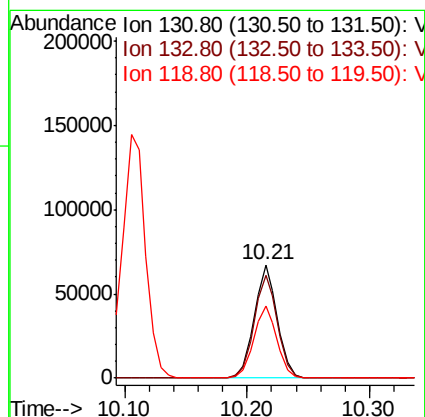
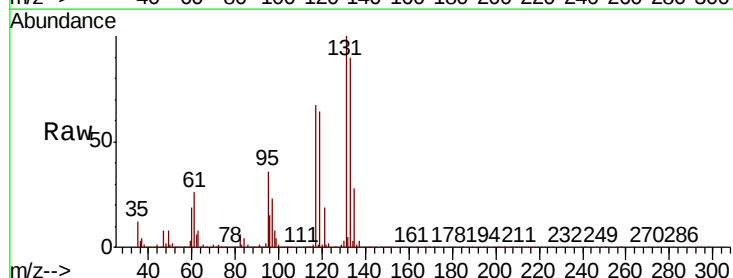
Tgt Ion:131 Resp: 87956

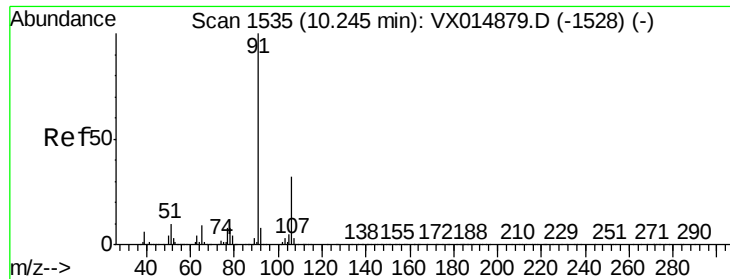
Ion Ratio Lower Upper

131 100

133 92.6 48.1 144.4

119 64.2 33.0 99.0





#67

Ethyl Benzene

Concen: 19.816 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

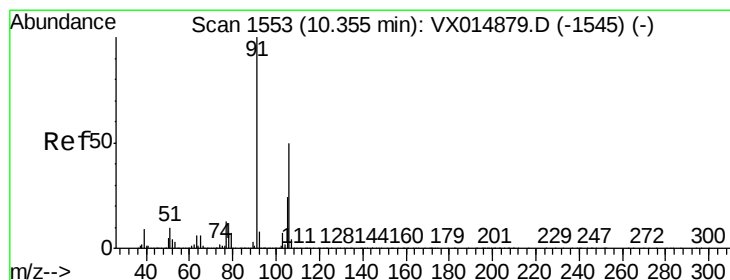
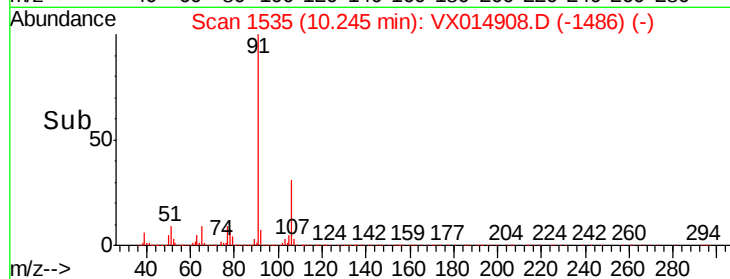
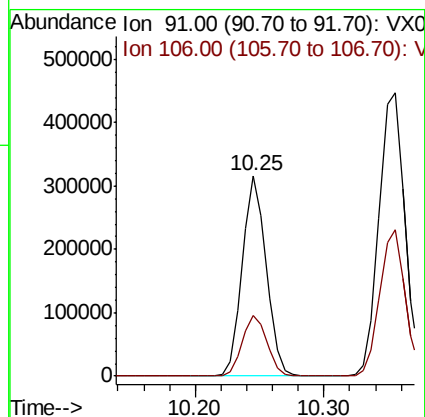
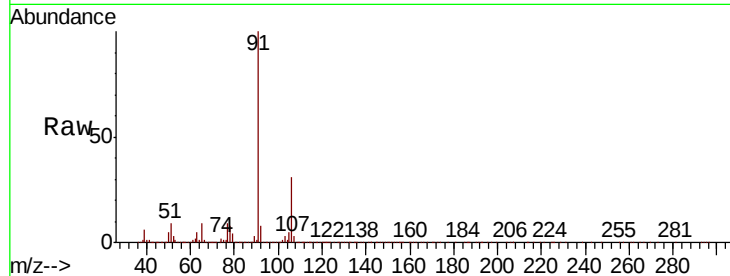
ClientSampleId :

Tot Ion: 91 Resp: 406794

Ion Ratio Lower Upper

91 100

106 30.5 25.3 37.9



#68

m/p-Xylenes

Concen: 39.499 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014908.D

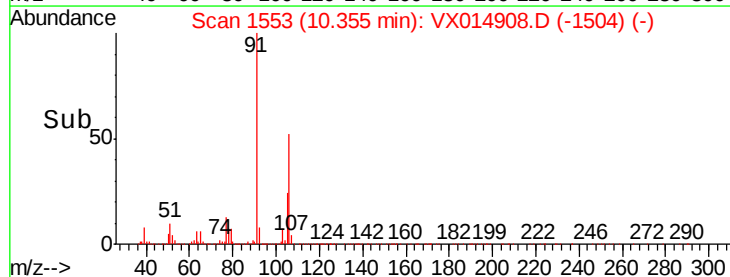
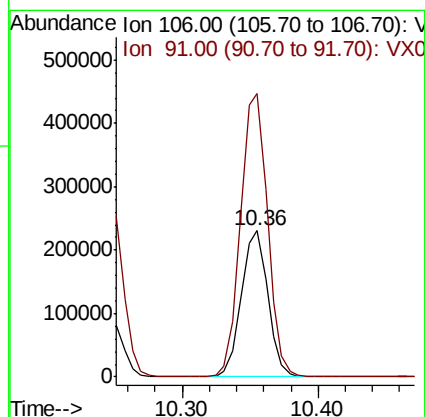
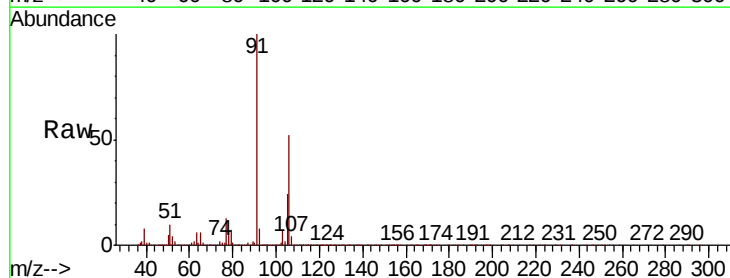
Acq: 11 Feb 2020 12:01

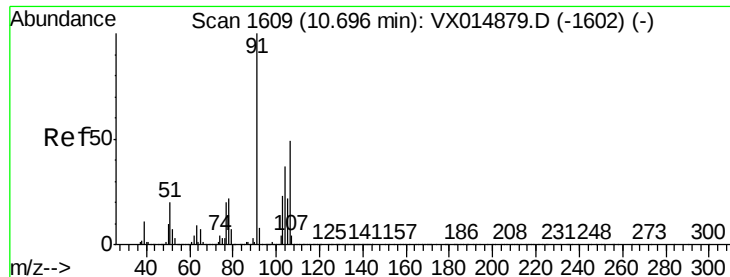
Tgt Ion: 106 Resp: 312377

Ion Ratio Lower Upper

106 100

91 198.7 160.6 240.8

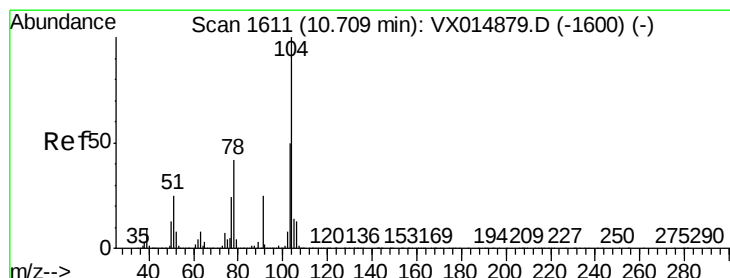
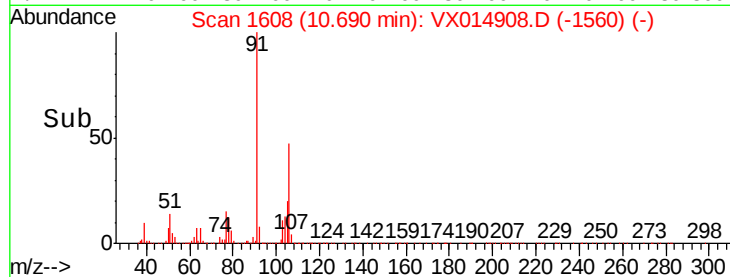
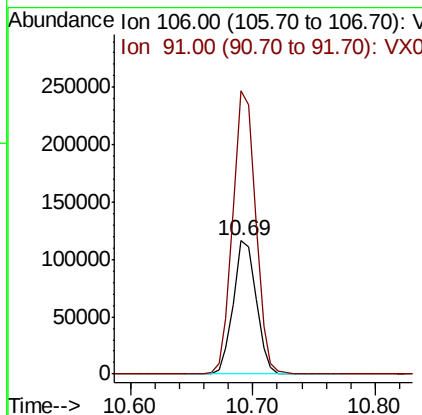
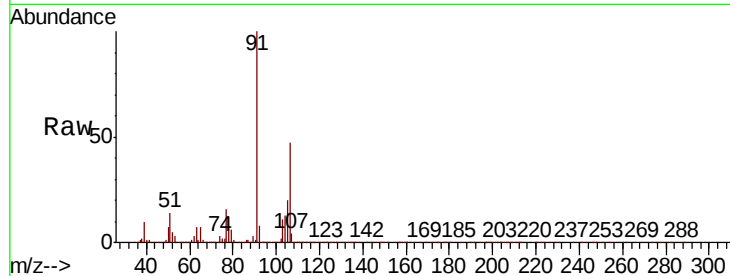




#69
o-Xylene
Concen: 19.746 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

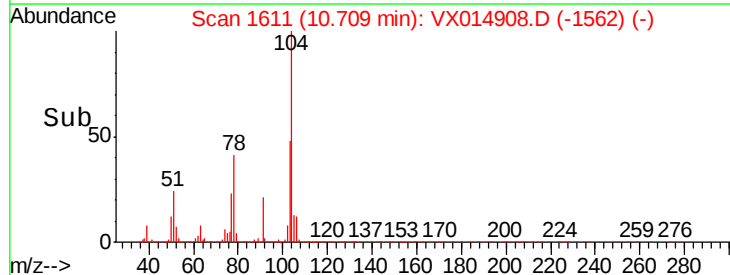
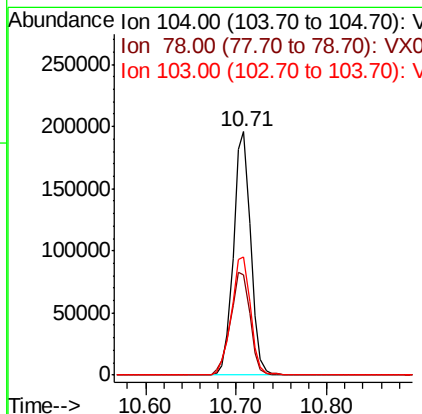
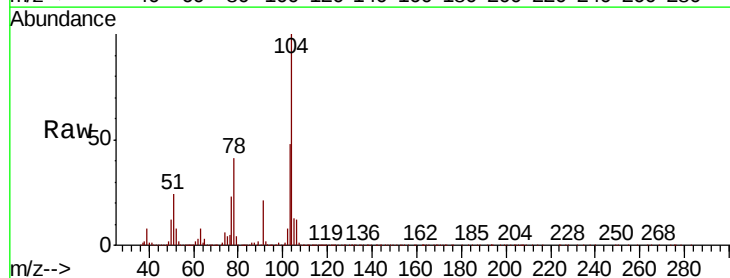
Instrument :
MSVOA_X
ClientSampled :

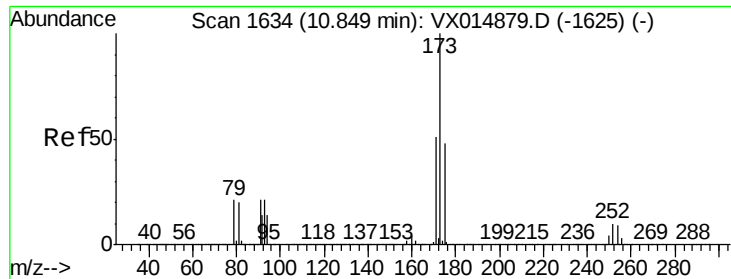
Tot Ion:106 Resp: 150114
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.3



#70
Styrene
Concen: 20.049 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion:104 Resp: 257846
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 54.1 43.4 65.0

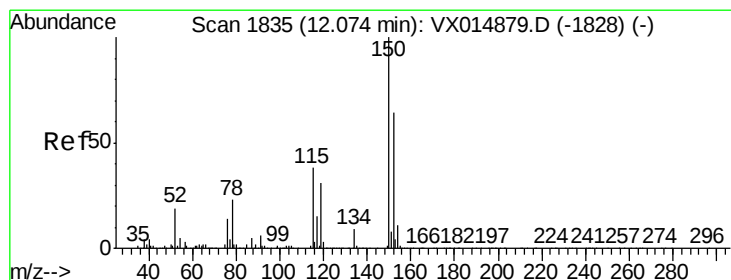
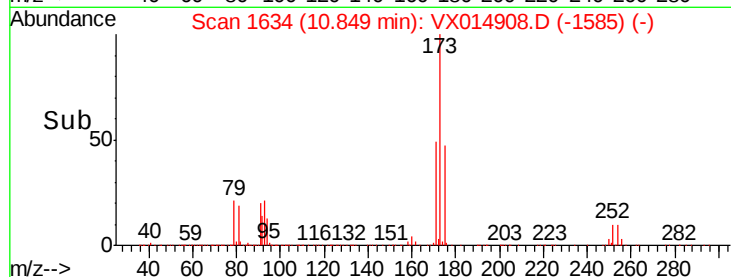
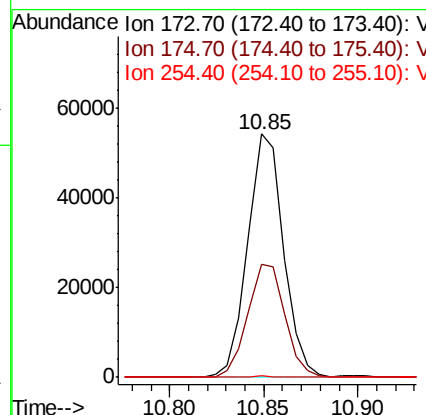
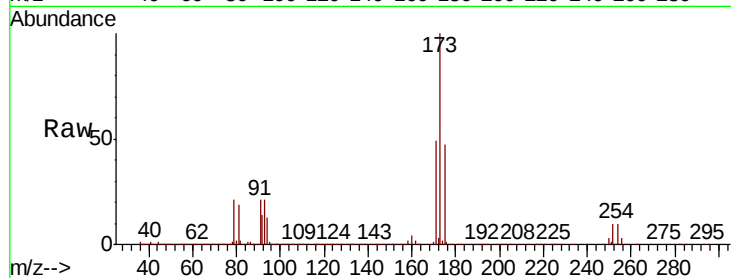




#71
Bromoform
Concen: 19.564 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

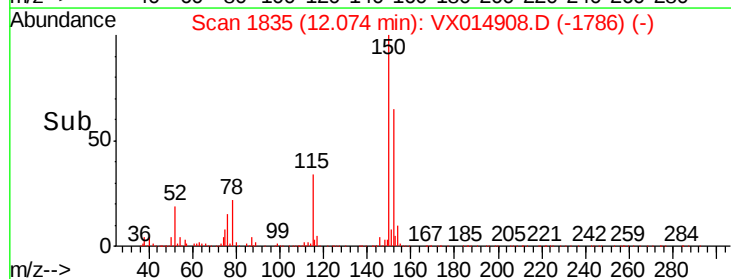
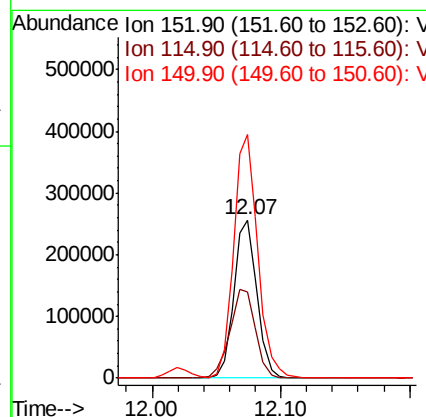
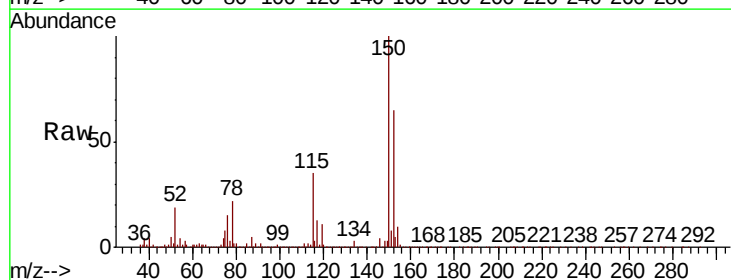
Instrument :
MSVOA_X
ClientSampleId :

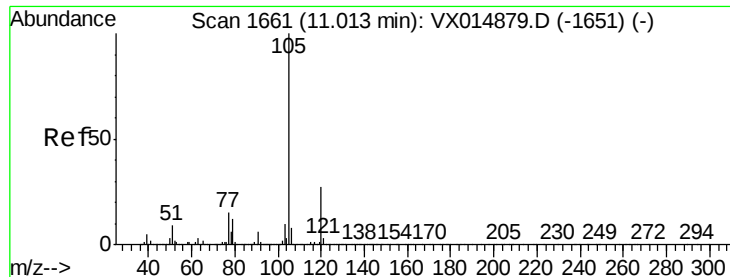
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.2	72.6
254	0.5	0.2	0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	38.6	116.0
150	161.1	0.0	349.0





#73

Isopropylbenzene

Concen: 20.062 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

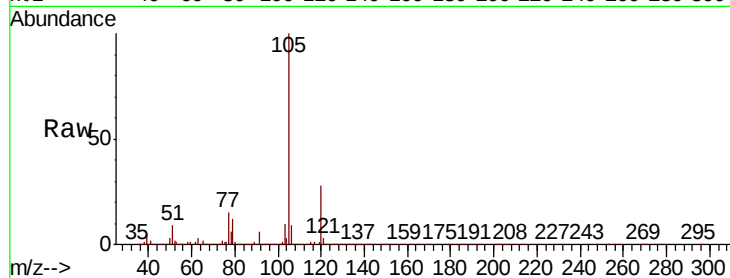
ClientSampleId :

Tot Ion: 105 Resp: 402240

Ion Ratio Lower Upper

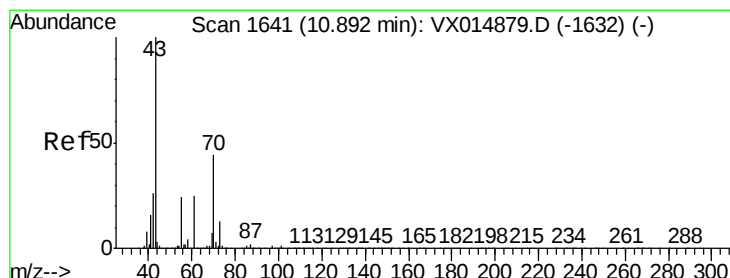
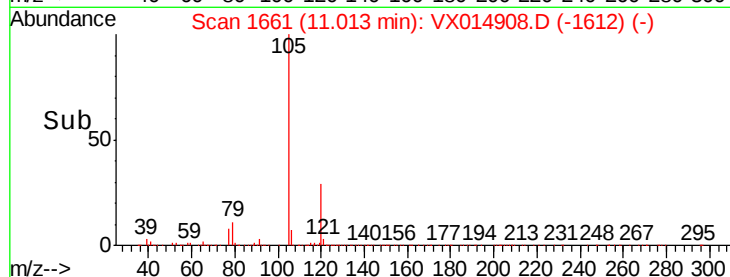
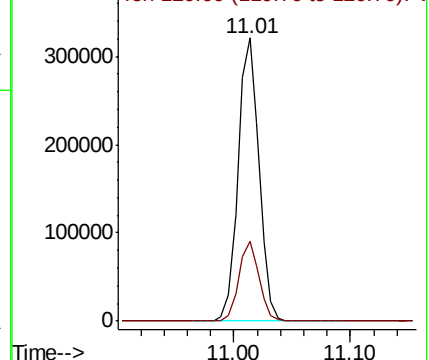
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.325 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Tgt Ion: 43 Resp: 169320

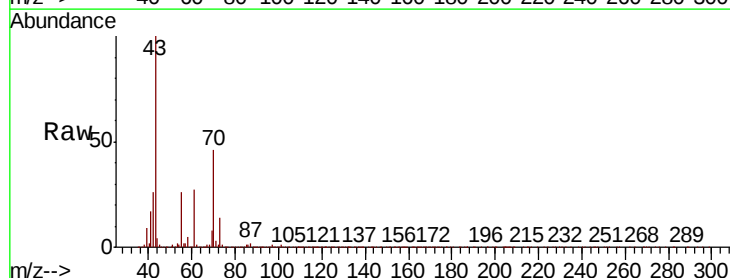
Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.4

55 24.3 19.4 29.2

61 24.9 19.8 29.6

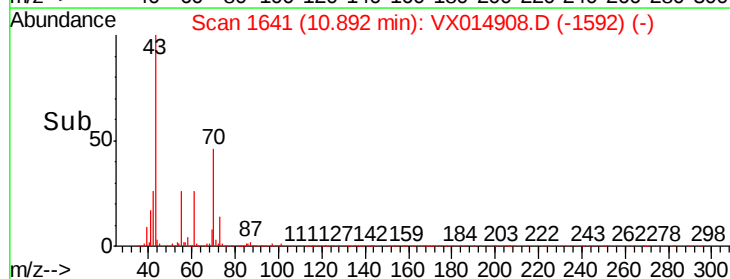
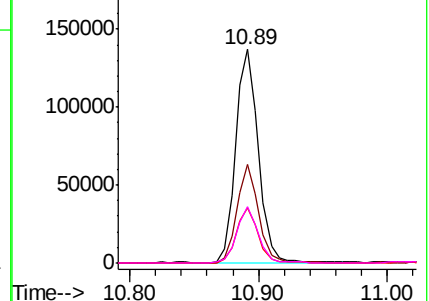


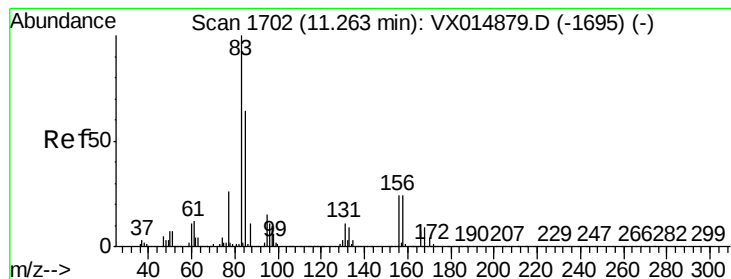
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.835 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

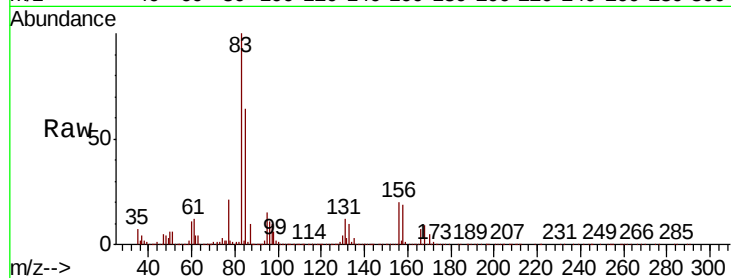
Tot Ion: 83 Resp: 129999

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

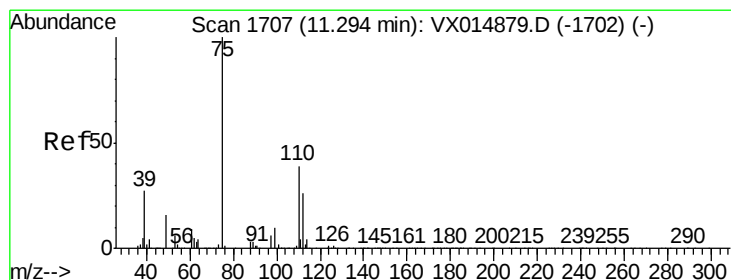
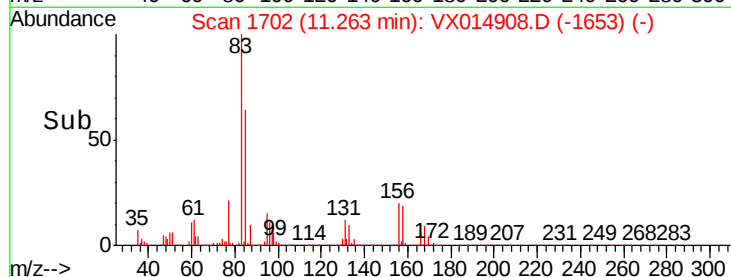
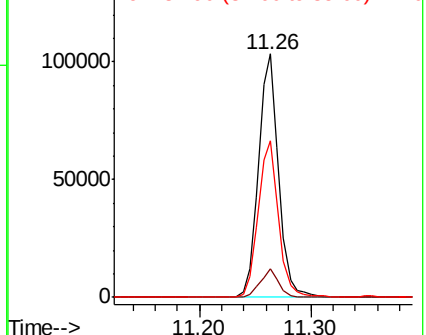
85 65.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.162 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014908.D

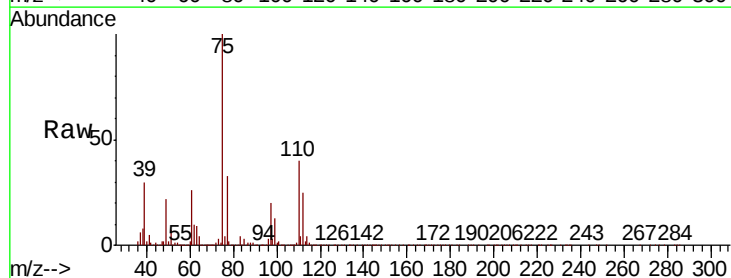
Acq: 11 Feb 2020 12:01

Tgt Ion: 75 Resp: 151254

Ion Ratio Lower Upper

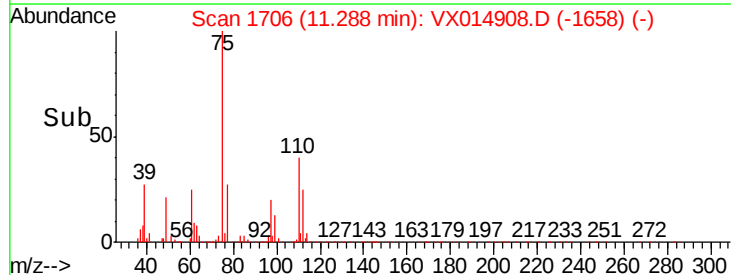
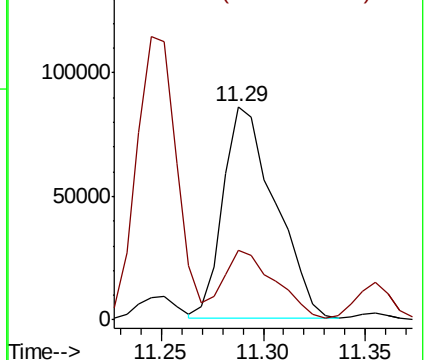
75 100

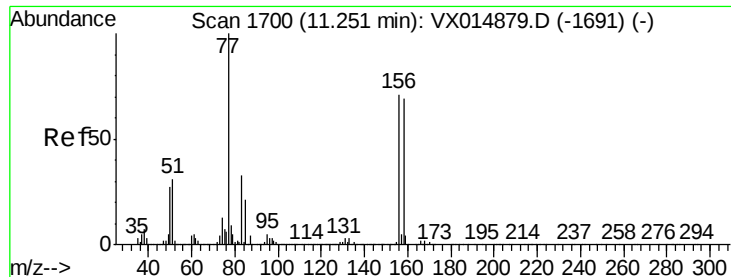
77 32.9 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.772 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

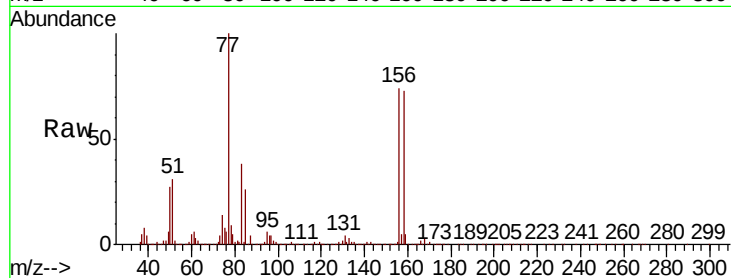
Tot Ion:156 Resp: 110643

Ion Ratio Lower Upper

156 100

77 141.3 74.0 222.0

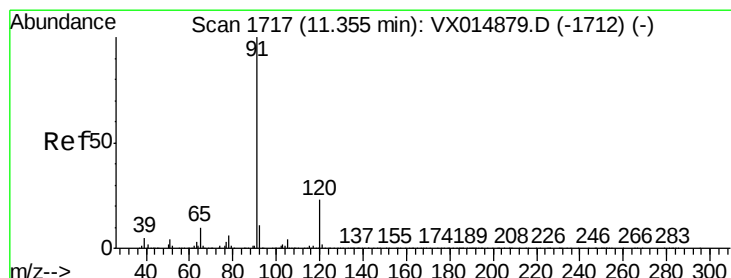
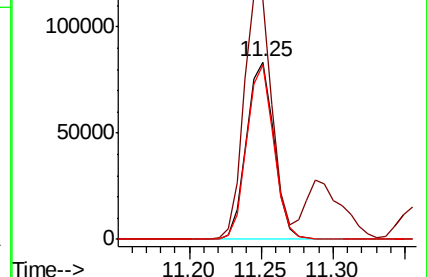
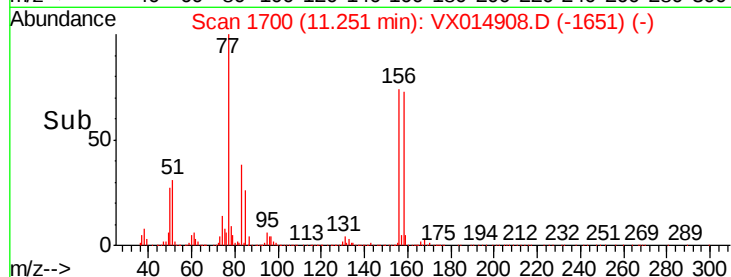
158 96.3 48.9 146.6



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: 19.632 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014908.D

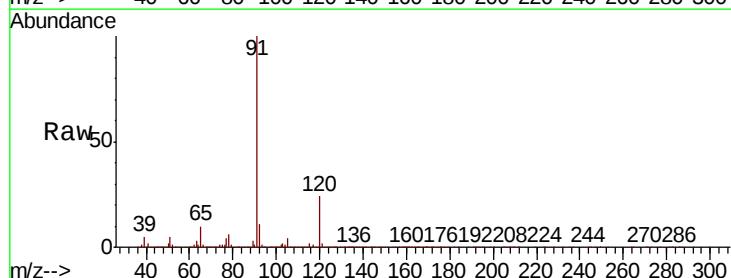
Acq: 11 Feb 2020 12:01

Tgt Ion: 91 Resp: 455244

Ion Ratio Lower Upper

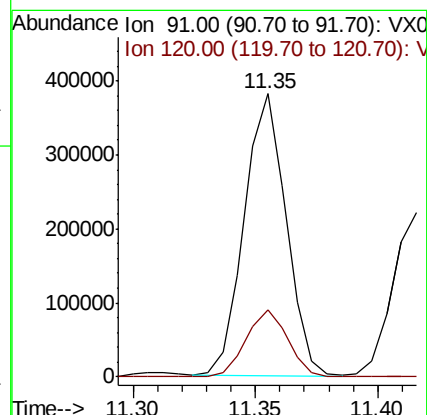
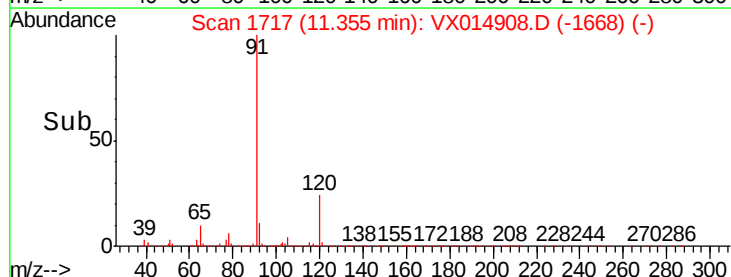
91 100

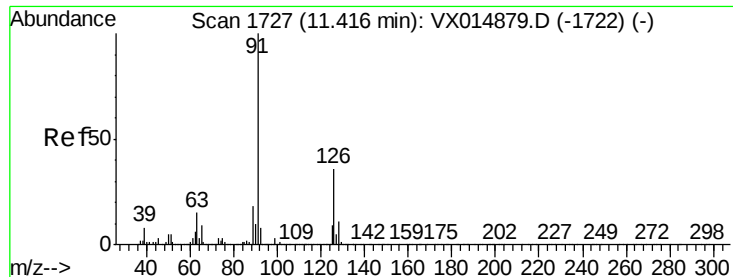
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.743 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

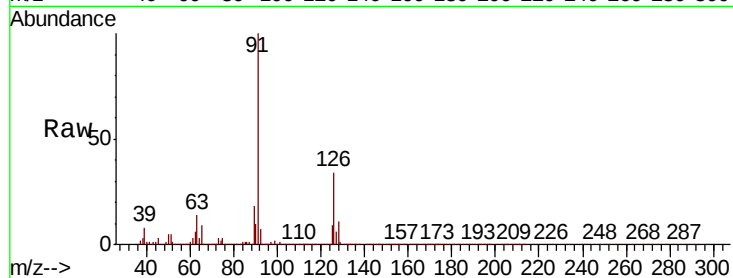
ClientSampleId :

Tot Ion: 91 Resp: 269155

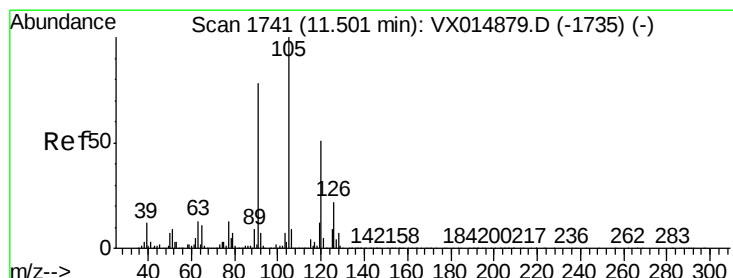
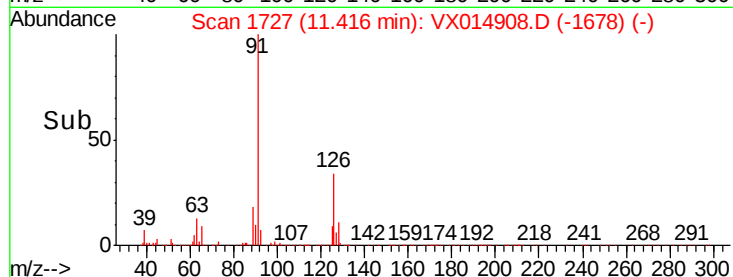
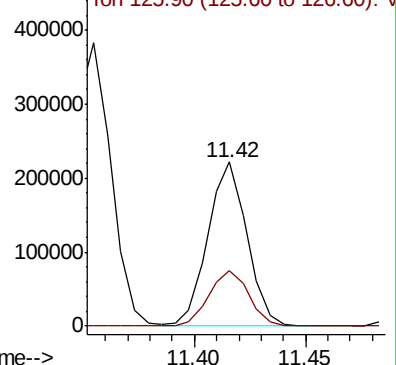
Ion Ratio Lower Upper

91 100

126 35.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX014908.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.111 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014908.D

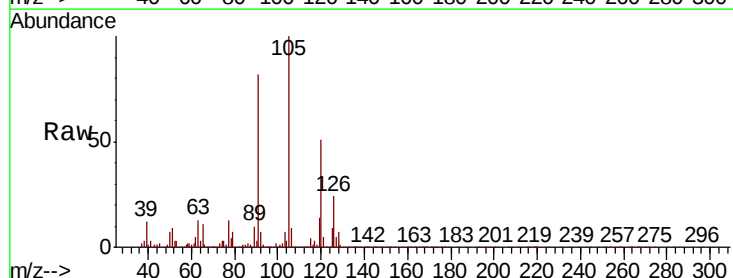
Acq: 11 Feb 2020 12:01

Tgt Ion: 105 Resp: 336908

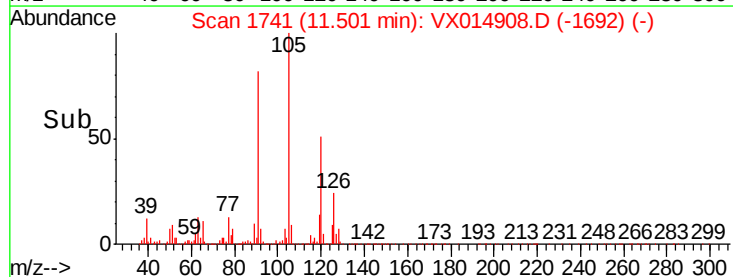
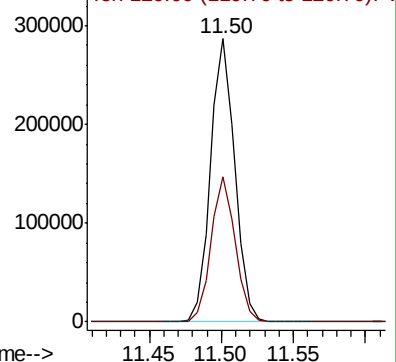
Ion Ratio Lower Upper

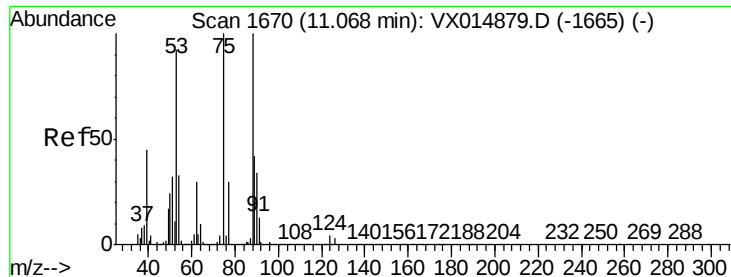
105 100

120 50.4 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VX014908.D (-1692) (-)

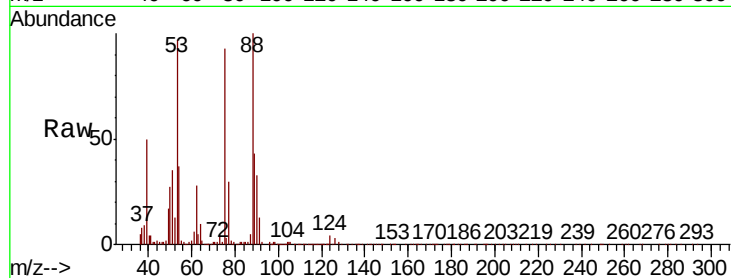




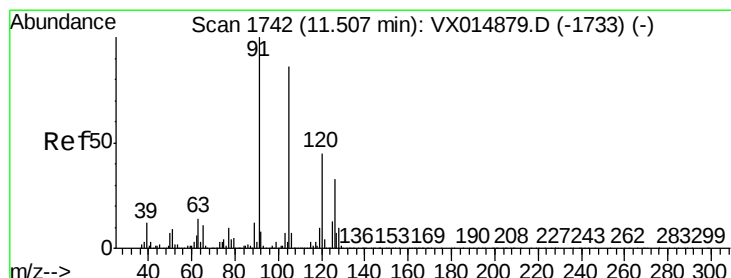
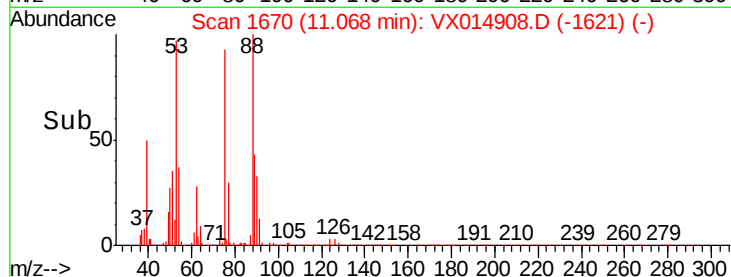
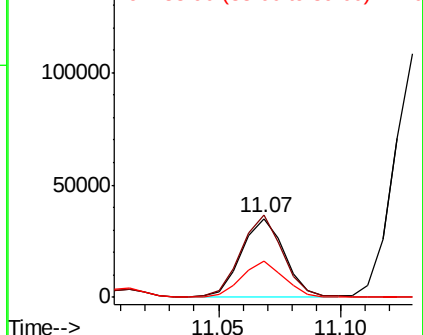
#81
trans-1,4-Dichloro-2-butene
Concen: 18.787 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 42433
Ion Ratio Lower Upper
75 100
53 102.5 76.2 114.2
89 46.6 35.8 53.6

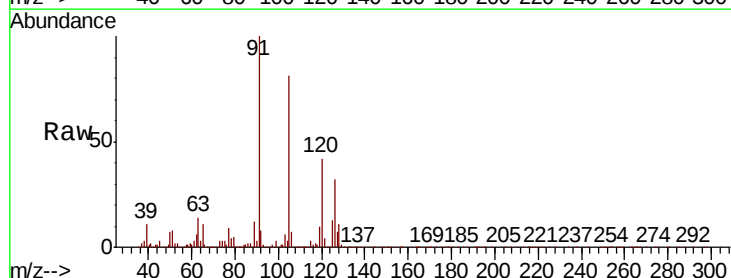


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

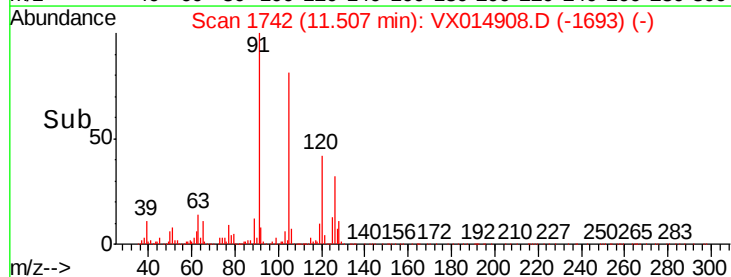
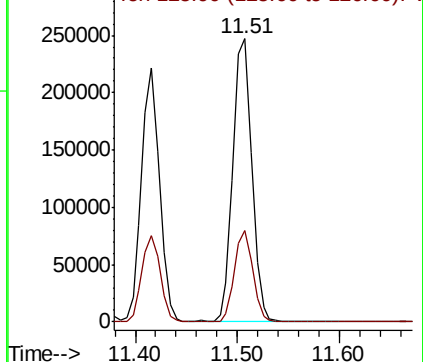


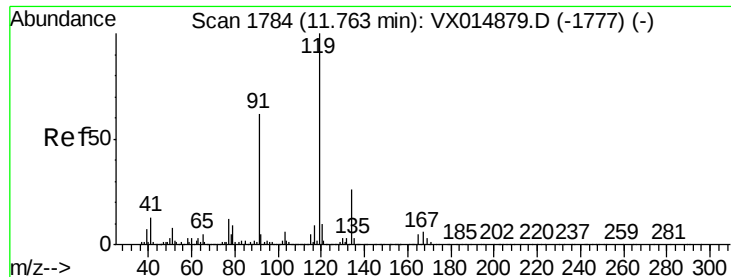
#82
4-Chlorotoluene
Concen: 19.529 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion: 91 Resp: 315286
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

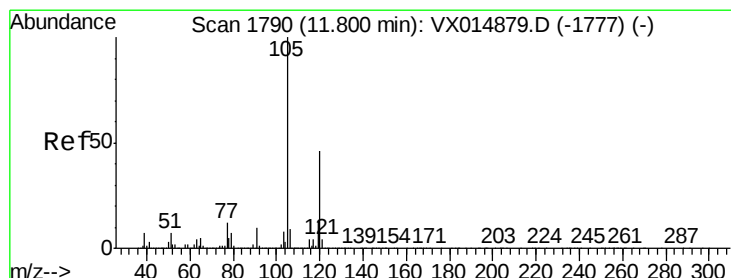
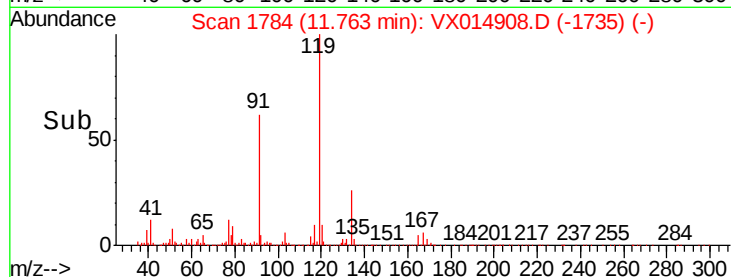
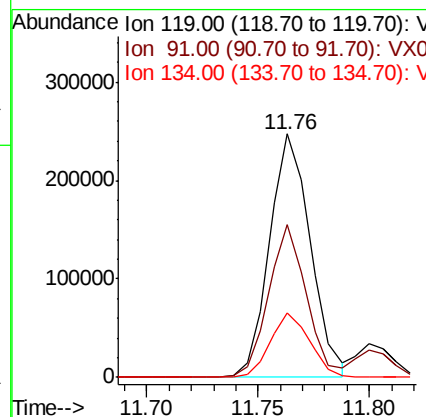
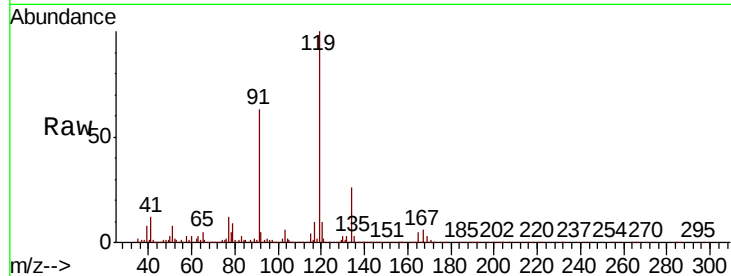




#83
tert-Butylbenzene
Concen: 19.806 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

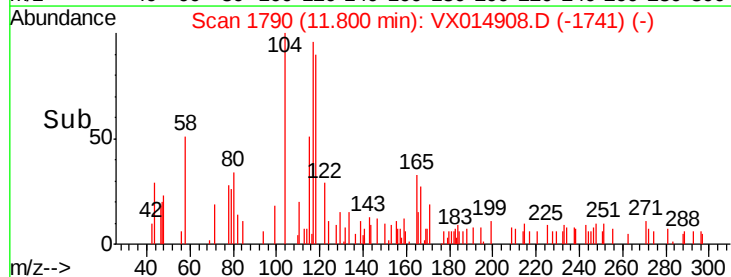
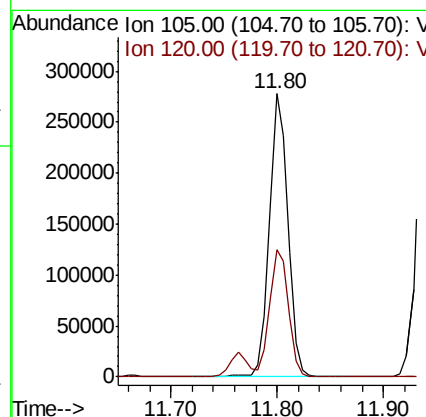
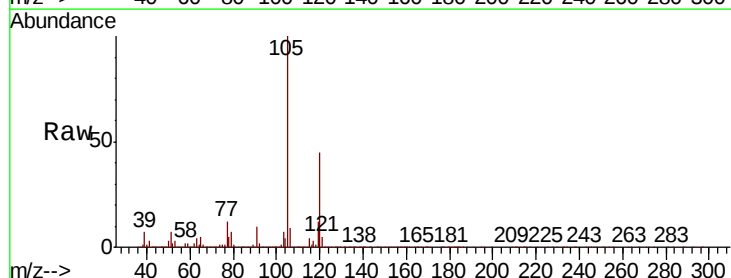
Instrument :
MSVOA_X
ClientSampleId :

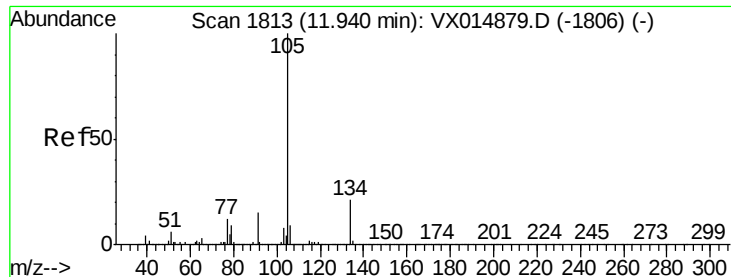
Tot Ion:119 Resp: 314203
Ion Ratio Lower Upper
119 100
91 58.4 29.5 88.6
134 25.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion:105 Resp: 340673
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.687 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

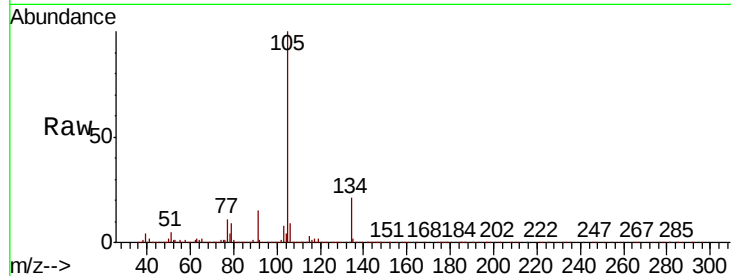
ClientSampleId :

Tot Ion:105 Resp: 387978

Ion Ratio Lower Upper

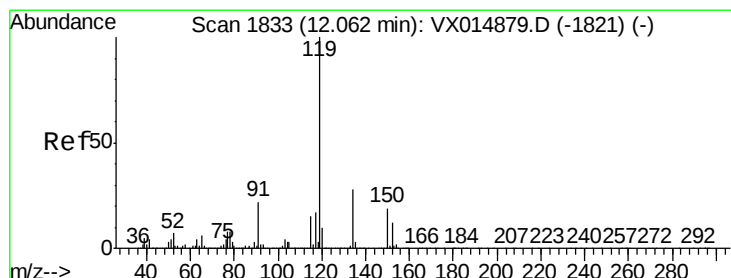
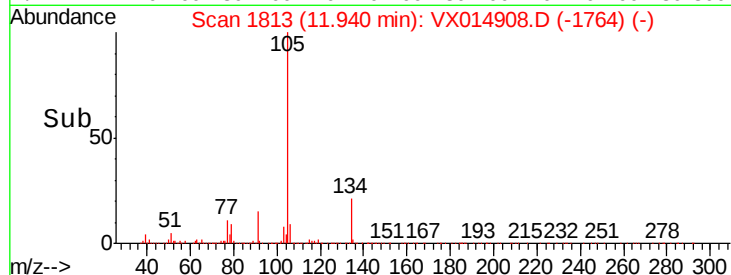
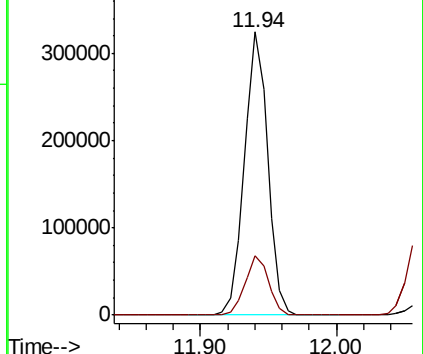
105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.784 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

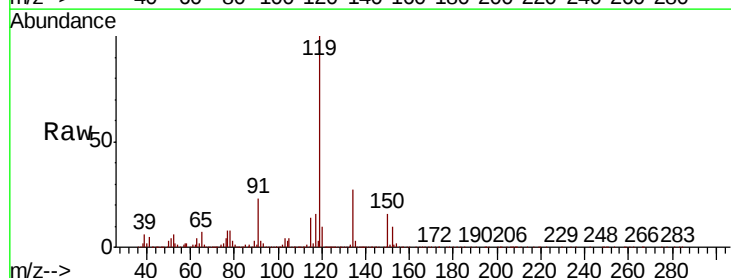
Tgt Ion:119 Resp: 364849

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

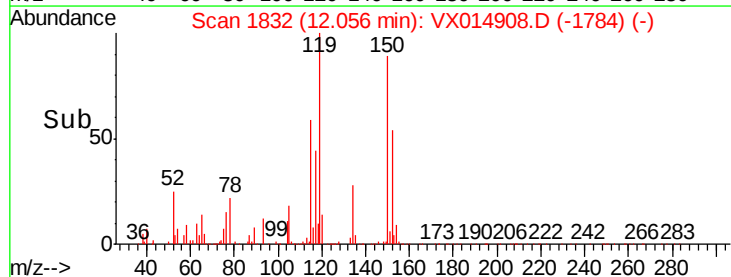
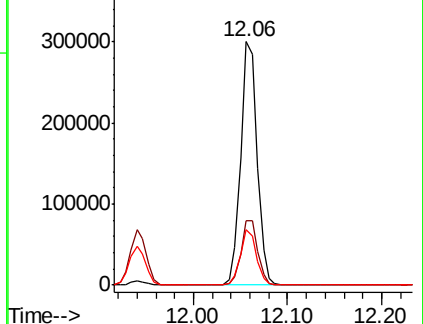
91 22.2 11.4 34.1

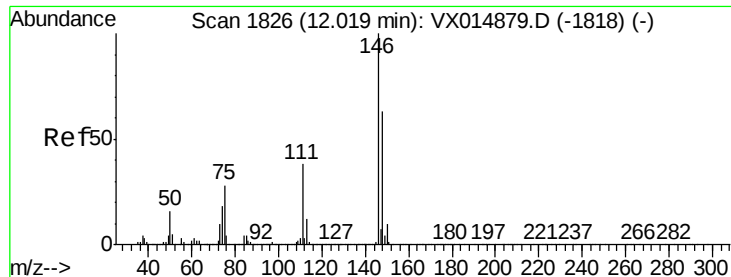


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.313 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

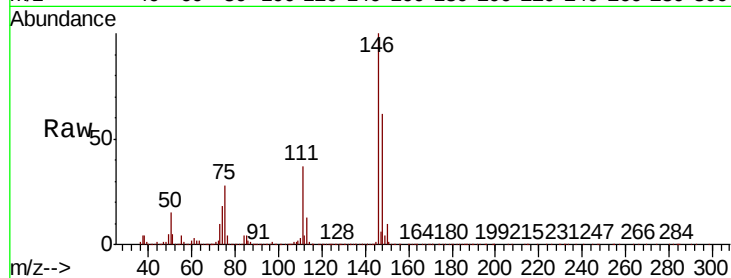
Tot Ion:146 Resp: 193884

Ion Ratio Lower Upper

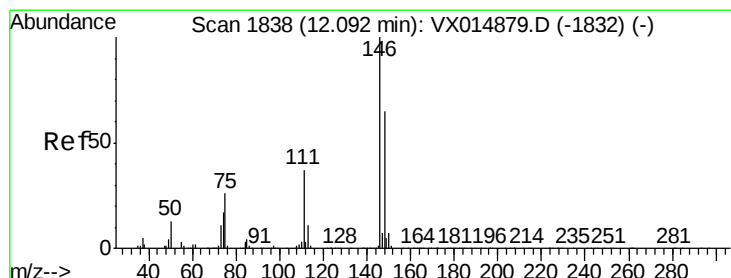
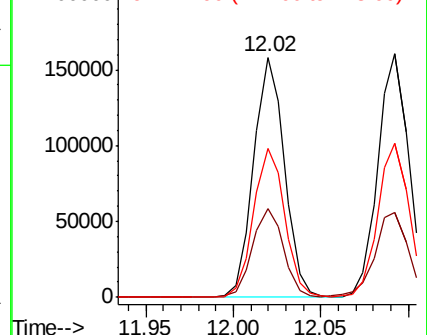
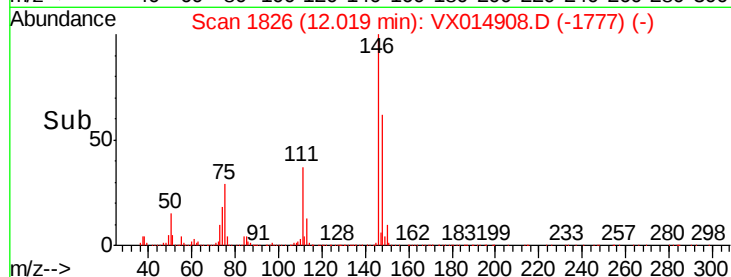
146 100

111 37.2 18.6 56.0

148 62.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.248 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

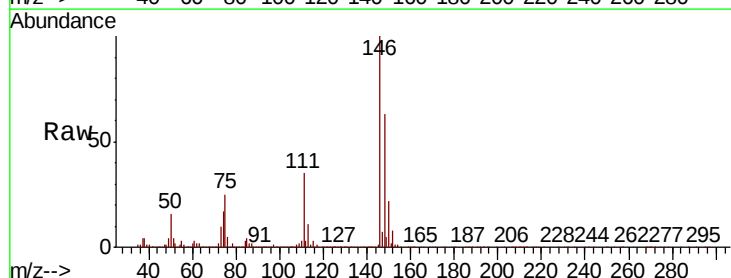
Tgt Ion:146 Resp: 197331

Ion Ratio Lower Upper

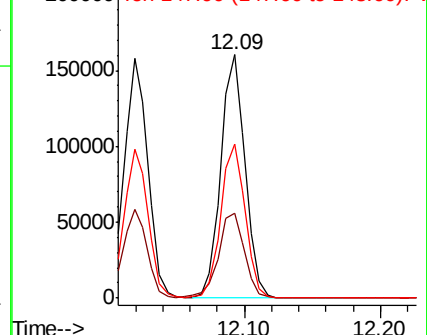
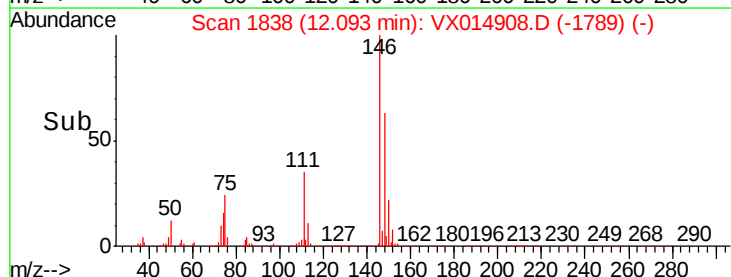
146 100

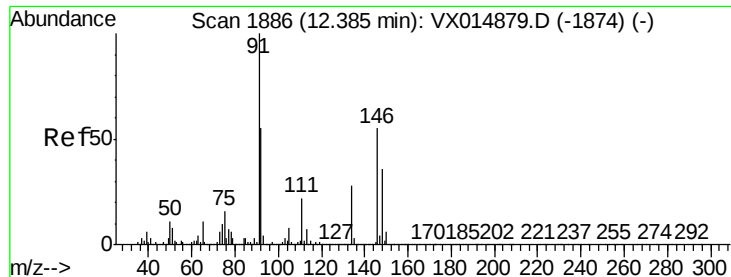
111 37.4 18.6 55.6

148 63.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.150 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

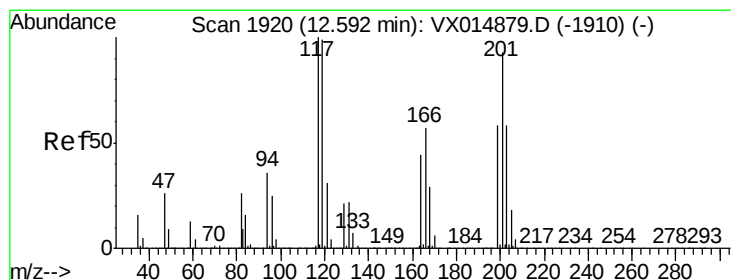
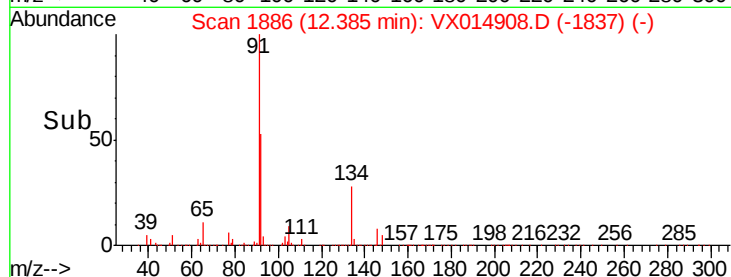
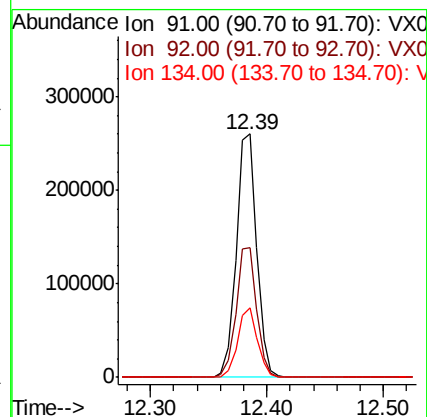
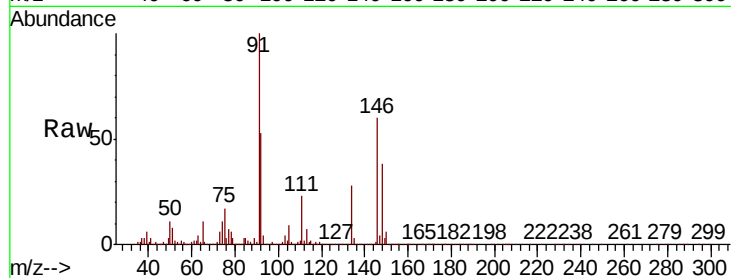
Tot Ion: 91 Resp: 316303

Ion Ratio Lower Upper

91 100

92 53.4 27.3 81.8

134 27.8 13.8 41.4



#90

Hexachloroethane

Concen: 18.916 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014908.D

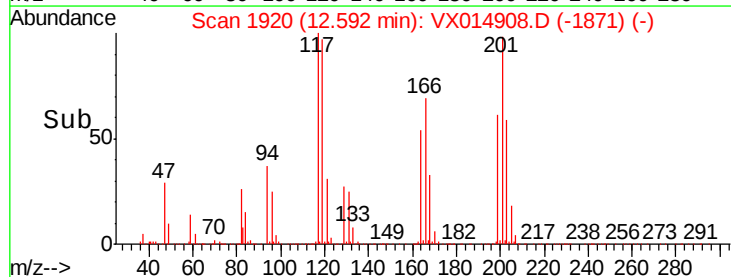
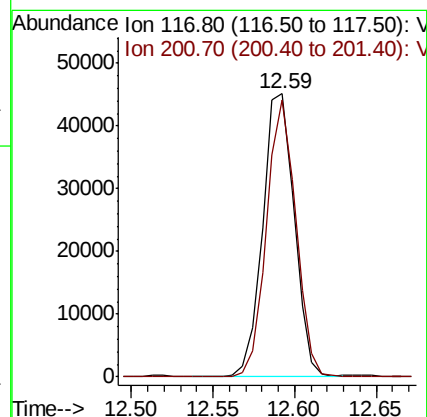
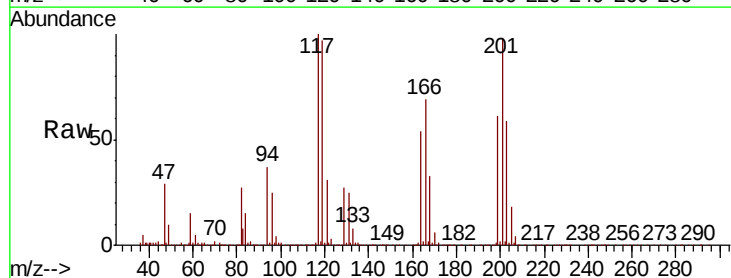
Acq: 11 Feb 2020 12:01

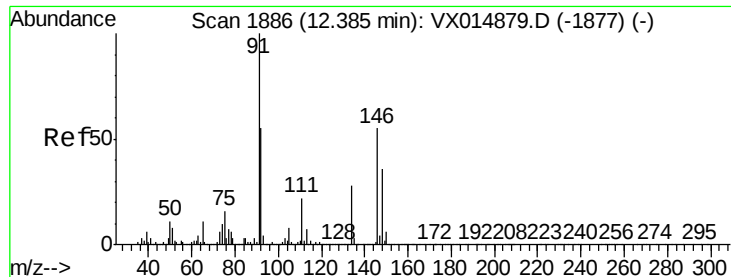
Tgt Ion: 117 Resp: 60922

Ion Ratio Lower Upper

117 100

201 90.7 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.431 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

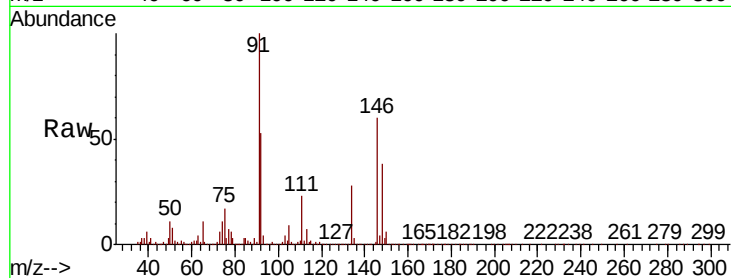
Tot Ion:146 Resp: 191304

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

148 64.1 32.4 97.2

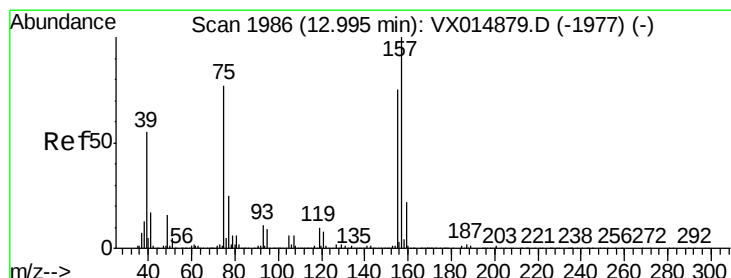
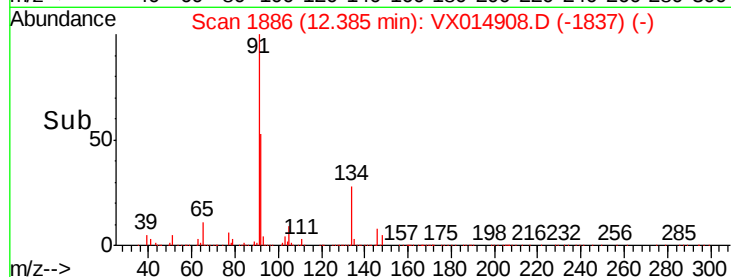
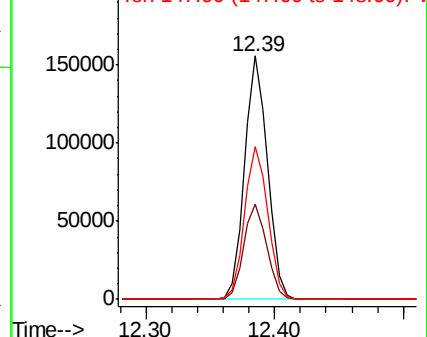


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.566 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014908.D

Acq: 11 Feb 2020 12:01

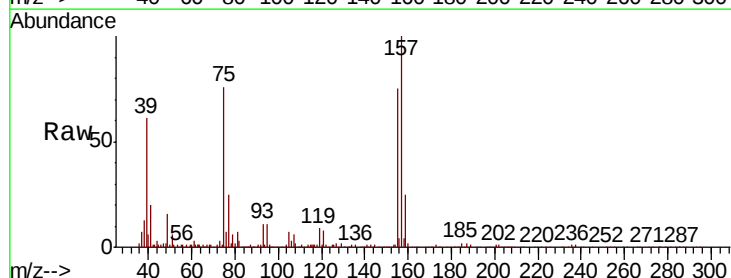
Tgt Ion: 75 Resp: 28548

Ion Ratio Lower Upper

75 100

155 96.1 48.6 145.9

157 125.6 62.0 186.0

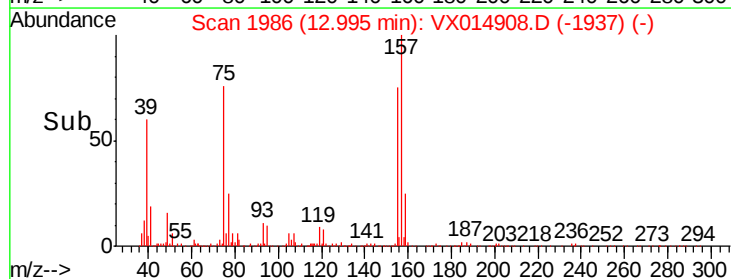
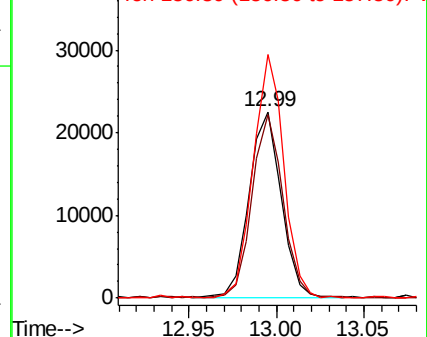


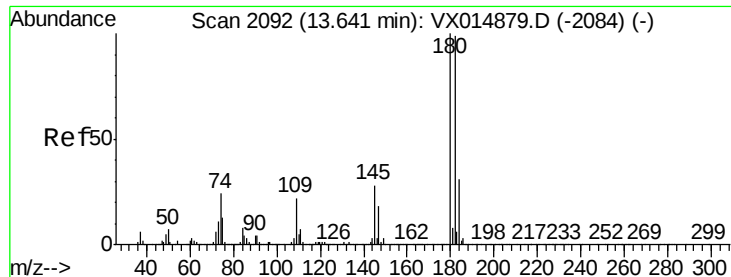
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

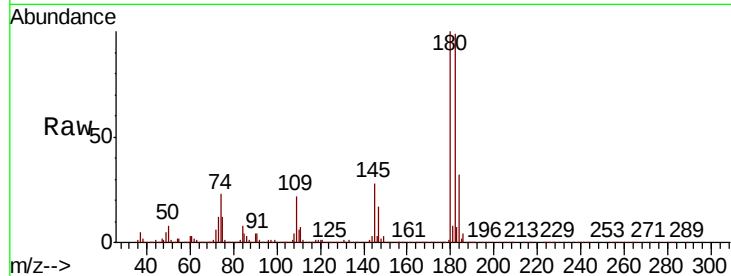




#93
 1,2,4-Trichlorobenzene
 Concen: 18.773 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.4	145.3
145	28.1	14.1	42.4

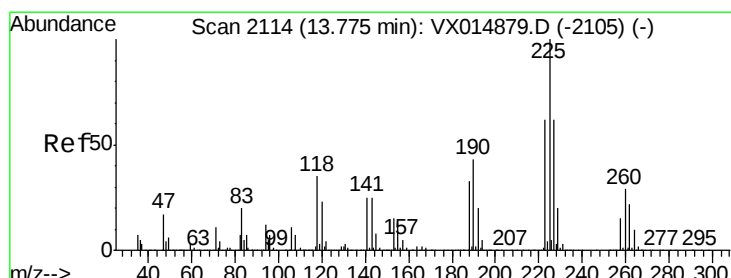
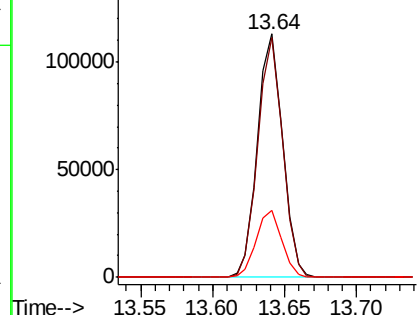
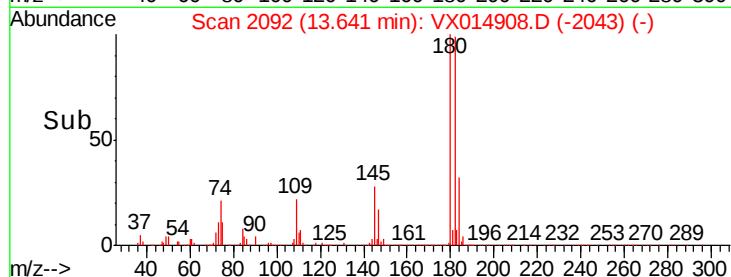


Abundance

Ion 179.80 (179.50 to 180.50): V

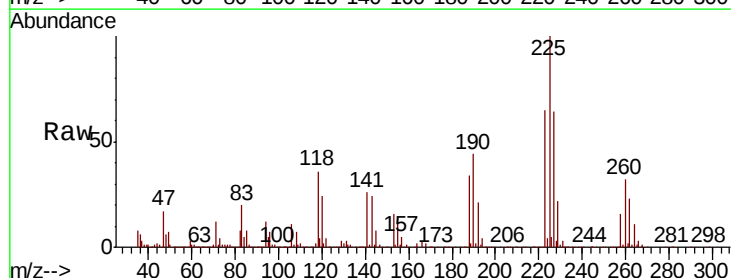
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.926 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014908.D
 Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.2
227	65.2	30.9	92.5

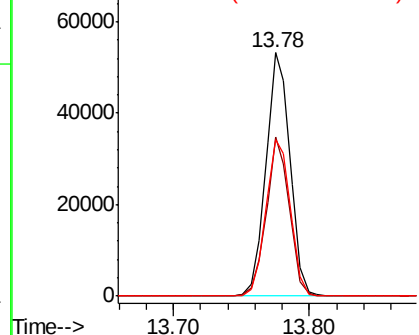
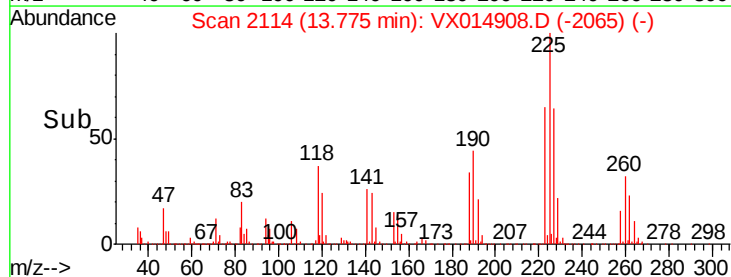


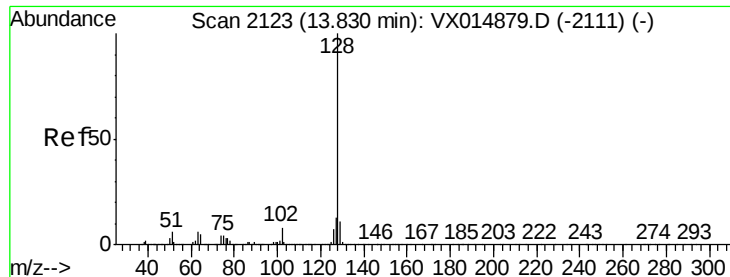
Abundance

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

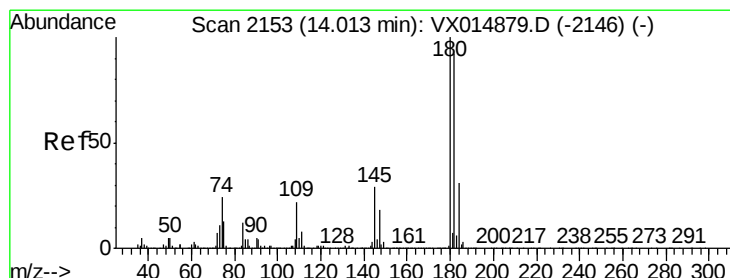
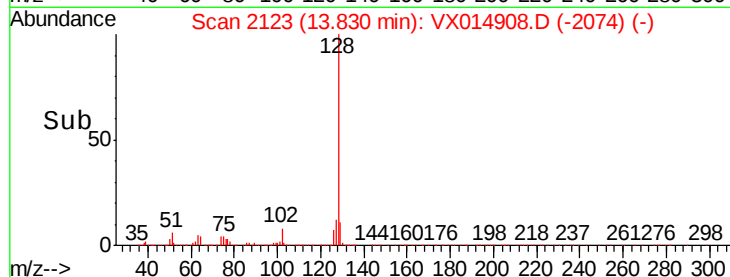
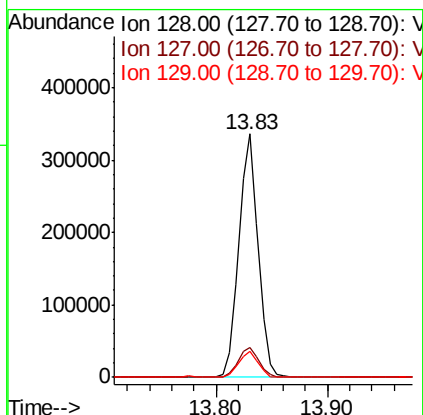
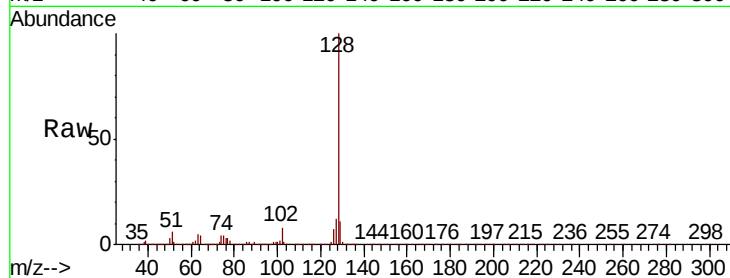




#95
Naphthalene
Concen: 20.773 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.484 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014908.D
Acq: 11 Feb 2020 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.5	142.6
145	30.0	14.5	43.5

