

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022420\
 Data File : VX015000.D
 Acq On : 24 Feb 2020 11:01
 Operator : JC/SP
 Sample : VX0224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:43:17 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	434825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	644440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	593092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241437	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.48	113	202947	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	8.71	98	770132	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	276694	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	79623	19.336	ug/l 99
3) Chloromethane	1.32	50	90641	19.415	ug/l 98
4) Vinyl Chloride	1.40	62	96485	19.185	ug/l 98
5) Bromomethane	1.64	94	62575	19.222	ug/l 98
6) Chloroethane	1.72	64	64513	20.048	ug/l 99
7) Trichlorofluoromethane	1.93	101	133777	19.038	ug/l 99
8) Diethyl Ether	2.18	74	56537	19.403	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80446	19.723	ug/l 99
10) Methyl Iodide	2.50	142	77689	19.961	ug/l 98
11) Tert butyl alcohol	3.02	59	92834	107.142	ug/l 98
12) 1,1-Dichloroethene	2.37	96	74007	18.569	ug/l 97
13) Acrolein	2.28	56	52675	79.764	ug/l 96
14) Allyl chloride	2.72	41	133784	18.933	ug/l 99
15) Acrylonitrile	3.12	53	229277	104.381	ug/l 99
16) Acetone	2.43	43	235355	81.936	ug/l 99
17) Carbon Disulfide	2.56	76	189135	16.984	ug/l 99
18) Methyl Acetate	2.76	43	109100	22.074	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	258744	19.948	ug/l 97
20) Methylene Chloride	2.85	84	87577	18.552	ug/l 100
21) trans-1,2-Dichloroethene	3.16	96	82489	18.757	ug/l 93
22) Diisopropyl ether	3.84	45	275183	20.390	ug/l 99
23) Vinyl Acetate	3.80	43	1152474	103.588	ug/l 100
24) 1,1-Dichloroethane	3.69	63	150460	19.753	ug/l 99
25) 2-Butanone	4.65	43	325541	97.441	ug/l 99
26) 2,2-Dichloropropane	4.57	77	124969	19.038	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	94025	19.126	ug/l 99
28) Bromochloromethane	5.00	49	63135	21.384	ug/l 95
29) Tetrahydrofuran	5.11	42	198256	104.389	ug/l 99
30) Chloroform	5.20	83	150115	19.864	ug/l 97
31) Cyclohexane	5.57	56	132598	19.113	ug/l 94
32) 1,1,1-Trichloroethane	5.48	97	125858	19.039	ug/l 98
36) 1,1-Dichloropropene	5.78	75	112668	19.544	ug/l 100
37) Ethyl Acetate	4.81	43	120389	20.023	ug/l 99
38) Carbon Tetrachloride	5.77	117	107767	19.183	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022420\
 Data File : VX015000.D
 Acq On : 24 Feb 2020 11:01
 Operator : JC/SP
 Sample : VX0224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:43:17 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	137730	19.104	ug/l	99
40) Benzene	6.13	78	334580	19.425	ug/l	95
41) Methacrylonitrile	5.02	41	64657	19.962	ug/l	96
42) 1,2-Dichloroethane	6.18	62	120515	19.359	ug/l	97
43) Isopropyl Acetate	6.43	43	198231	19.986	ug/l	99
44) Trichloroethene	7.20	130	95934	19.186	ug/l	94
45) 1,2-Dichloropropane	7.50	63	87637	19.951	ug/l	99
46) Dibromomethane	7.65	93	56637	18.863	ug/l	98
47) Bromodichloromethane	7.89	83	114336	19.205	ug/l	96
48) Methyl methacrylate	7.76	41	98652	20.211	ug/l	98
49) 1,4-Dioxane	7.73	88	39013	427.480	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	626056	104.535	ug/l	99
52) Toluene	8.78	92	214436	19.602	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	124136	19.026	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139302	19.326	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88992	20.107	ug/l	99
56) Ethyl methacrylate	9.17	69	131778	19.808	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147166	19.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	327876	94.239	ug/l	100
59) 2-Hexanone	9.48	43	481802	102.350	ug/l	100
60) Dibromochloromethane	9.57	129	92121	19.341	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92585	19.387	ug/l	99
64) Tetrachloroethene	9.33	164	96451	17.394	ug/l	99
65) Chlorobenzene	10.13	112	231510	19.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86032	19.699	ug/l	100
67) Ethyl Benzene	10.25	91	405214	19.807	ug/l	100
68) m/p-Xylenes	10.35	106	314393	39.891	ug/l	97
69) o-Xylene	10.69	106	151047	19.937	ug/l	98
70) Styrene	10.71	104	250825	19.570	ug/l	99
71) Bromoform	10.85	173	71561	19.631	ug/l #	100
73) Isopropylbenzene	11.01	105	405435	20.805	ug/l	99
74) N-amyl acetate	10.89	43	166994	20.624	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131034	20.570	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148760	26.473	ug/l	93
77) Bromobenzene	11.25	156	110158	20.253	ug/l	95
78) n-propylbenzene	11.35	91	452360	20.070	ug/l	99
79) 2-Chlorotoluene	11.42	91	271476	20.488	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336051	20.639	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41545	18.925	ug/l	96
82) 4-Chlorotoluene	11.51	91	312110	19.890	ug/l	100
83) tert-Butylbenzene	11.76	119	325457	21.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	338993	20.659	ug/l	100
85) sec-Butylbenzene	11.94	105	389630	20.341	ug/l	99
86) p-Isopropyltoluene	12.06	119	363591	20.284	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187543	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188645	18.932	ug/l	99
89) n-Butylbenzene	12.38	91	309617	19.287	ug/l	99
90) Hexachloroethane	12.59	117	63480	20.279	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188774	19.728	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27792	18.596	ug/l	97

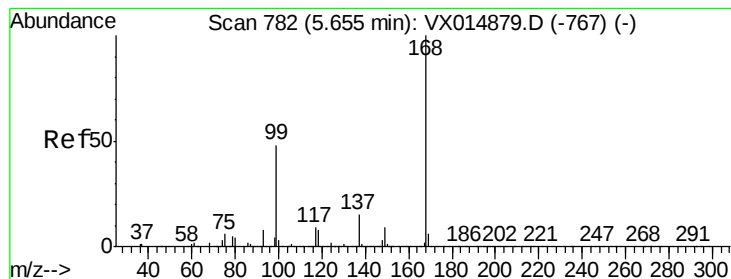
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022420\
Data File : VX015000.D
Acq On : 24 Feb 2020 11:01
Operator : JC/SP
Sample : VX0224WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 25 00:43:17 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)
93) 1,2,4-Trichlorobenzene	13.64	180	131635	18.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	65812	19.265	ug/l	94
95) Naphthalene	13.83	128	373721	19.901	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133700	19.593	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

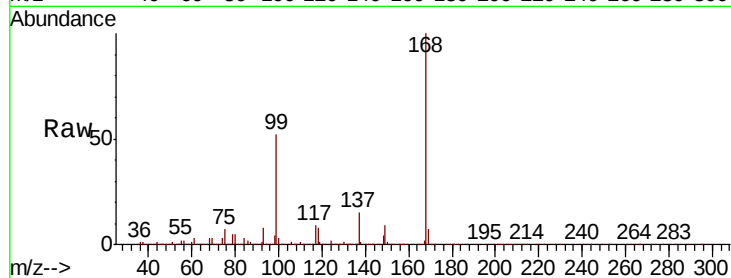
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 434825

Ion Ratio Lower Upper

168 100

99 52.0 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

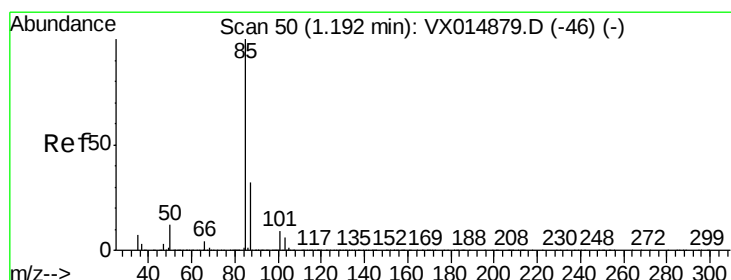
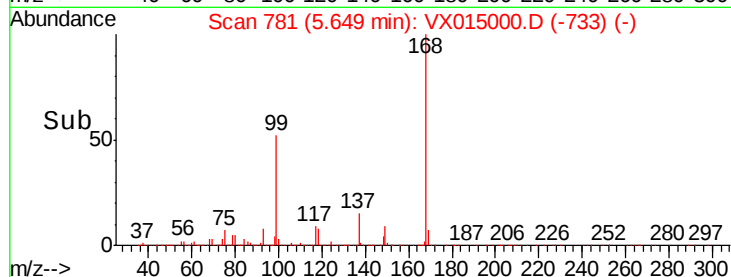
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.336 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015000.D

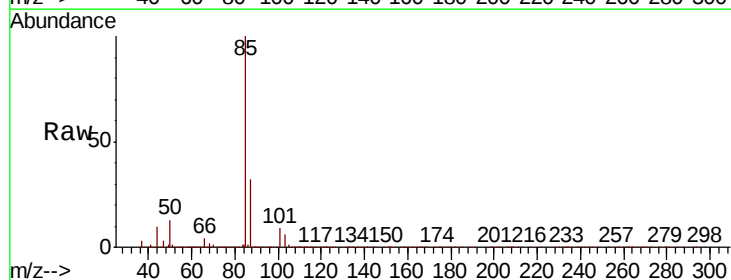
Acq: 24 Feb 2020 11:01

Tgt Ion: 85 Resp: 79623

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

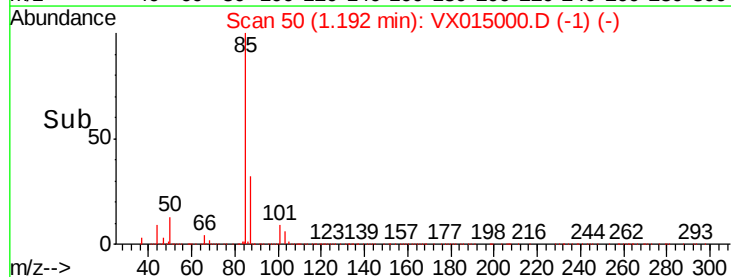
60000

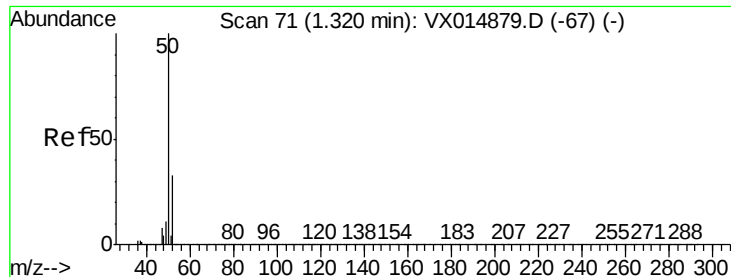
40000

20000

0

Time-->

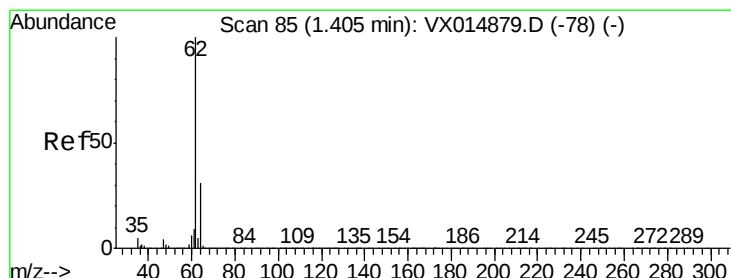
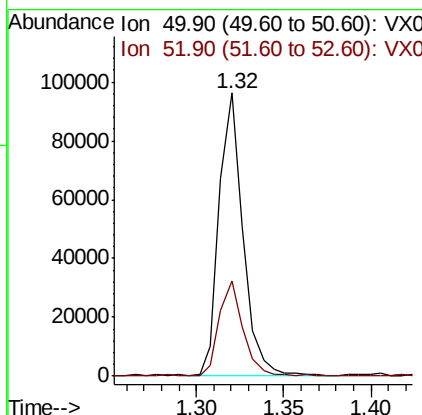
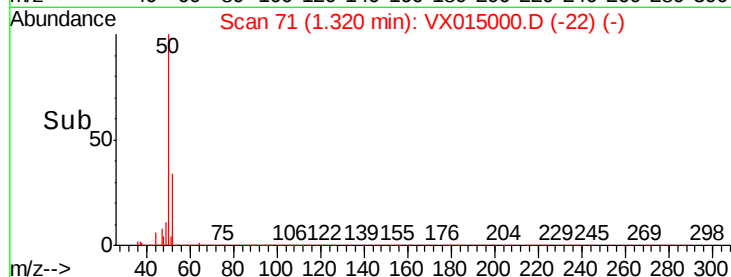
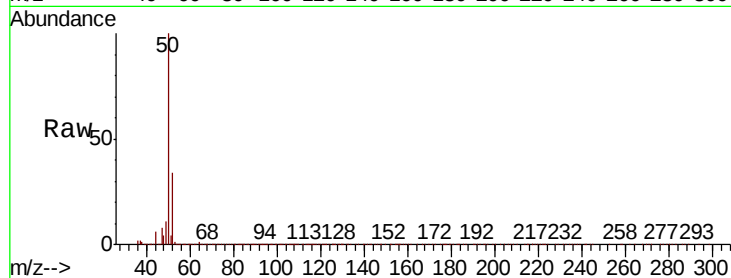




#3
Chloromethane
Concen: 19.415 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

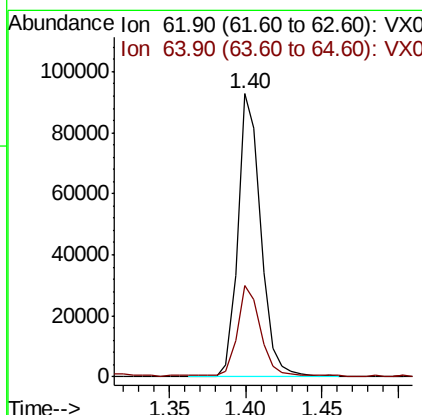
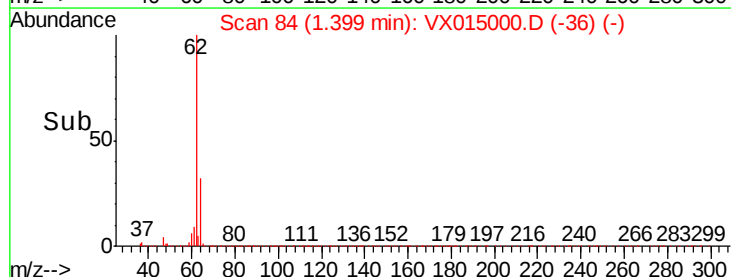
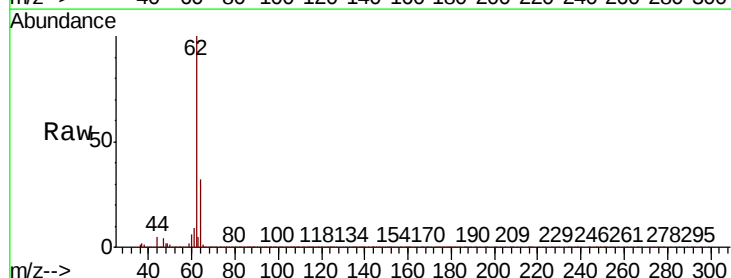
Instrument :
MSVOA_X
ClientSampleId :

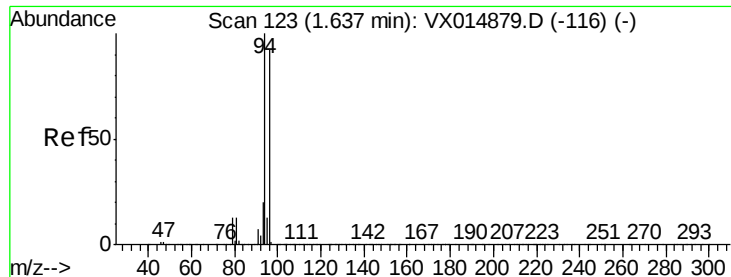
Tot Ion: 50 Resp: 90641
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.2



#4
Vinyl Chloride
Concen: 19.185 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 62 Resp: 96485
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2





#5

Bromomethane

Concen: 19.222 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

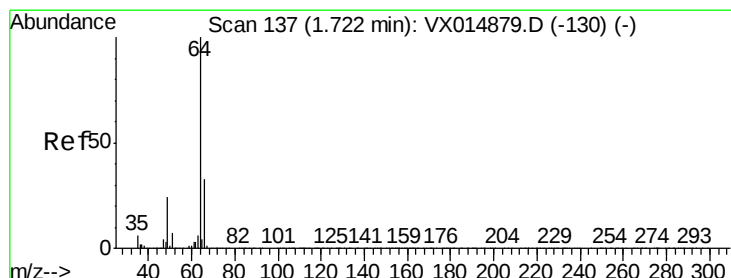
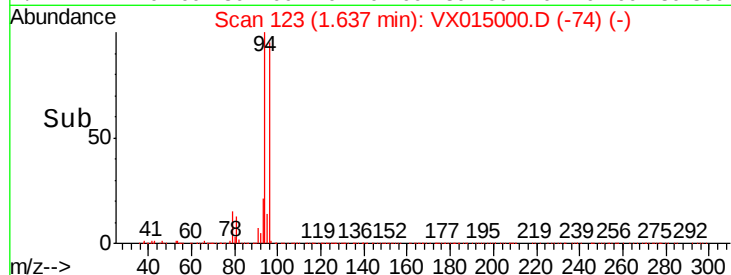
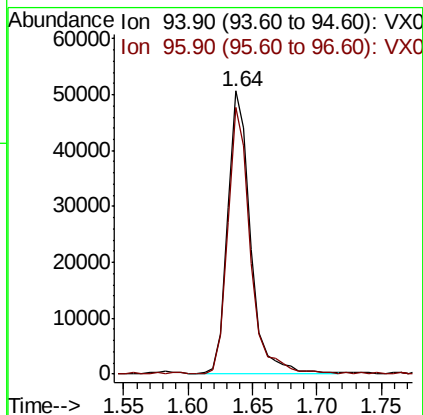
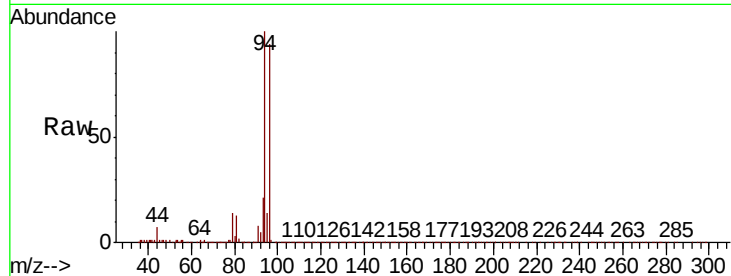
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 62575

Ion Ratio Lower Upper

94 100

96 94.4 73.7 110.5



#6

Chloroethane

Concen: 20.048 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015000.D

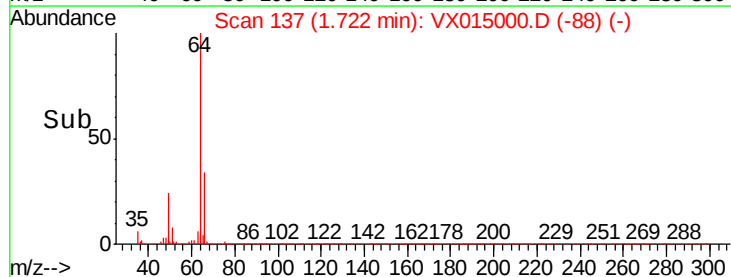
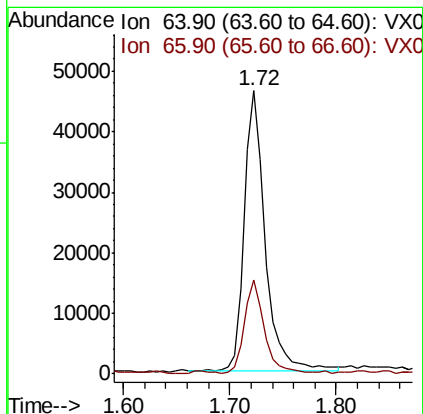
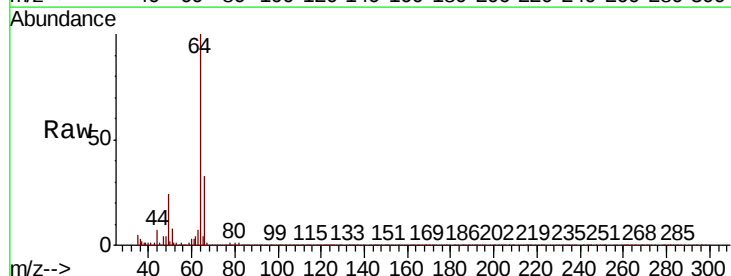
Acq: 24 Feb 2020 11:01

Tgt Ion: 64 Resp: 64513

Ion Ratio Lower Upper

64 100

66 33.1 26.2 39.4



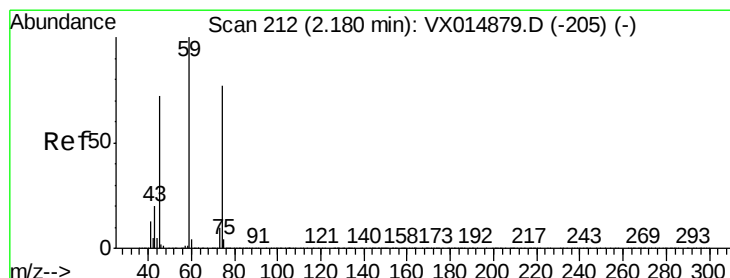
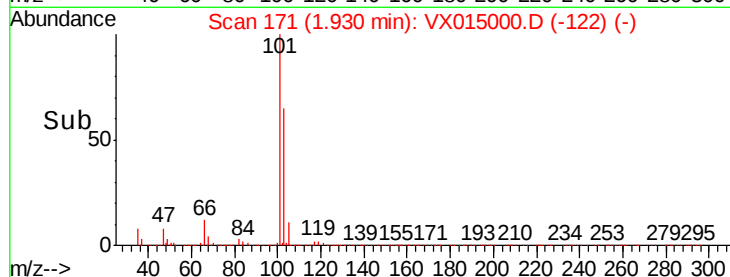
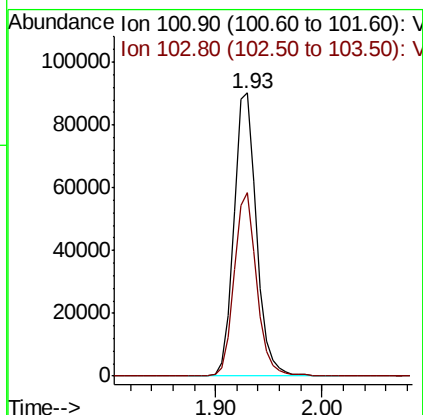
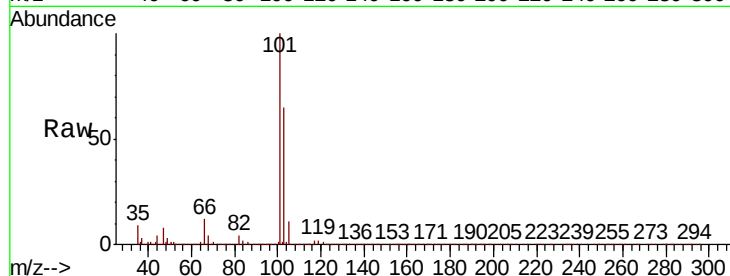


#7

Trichlorofluoromethane
Concen: 19.038 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Instrument :
MSVOA_X
ClientSampled :

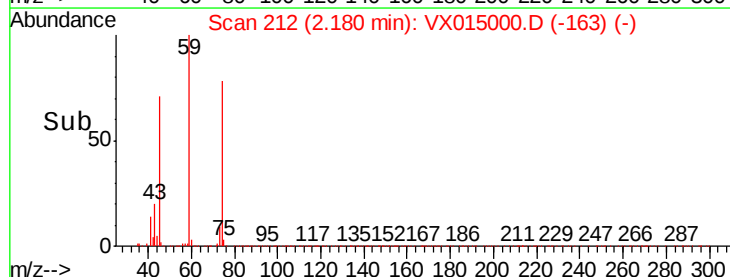
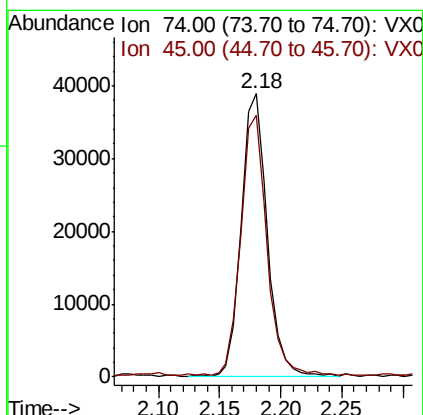
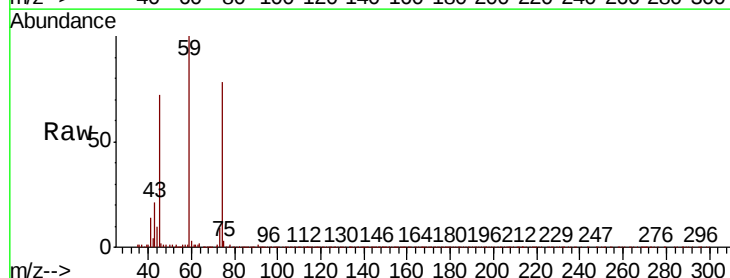
Tot Ion:101 Resp: 133777
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

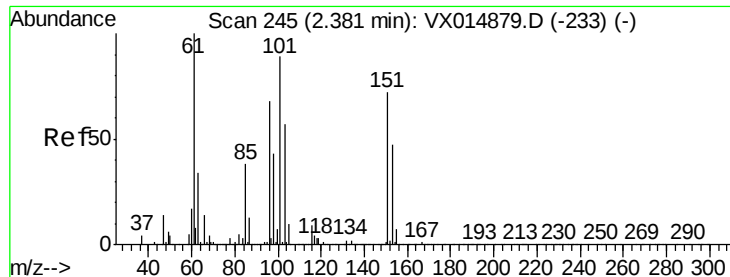


#8

Diethyl Ether
Concen: 19.403 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 74 Resp: 56537
Ion Ratio Lower Upper
74 100
45 93.2 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.723 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

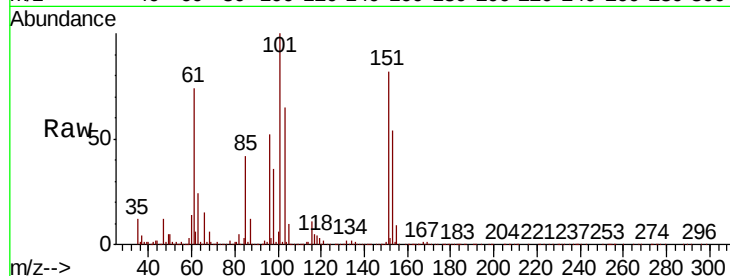
Tot Ion:101 Resp: 80446

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

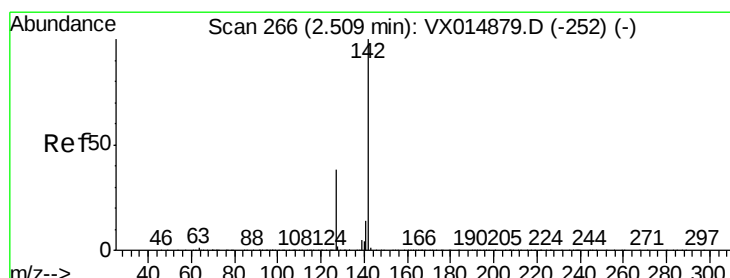
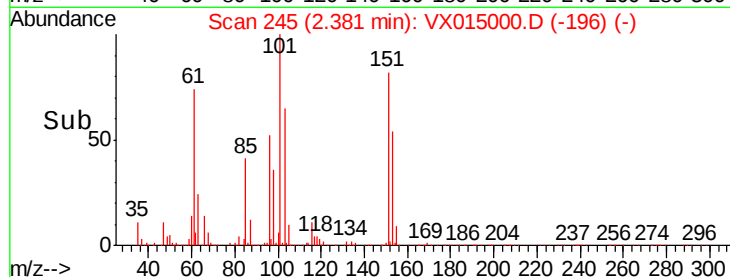
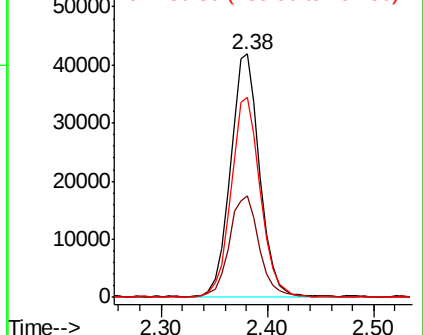
151 82.9 67.3 100.9



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: 19.961 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

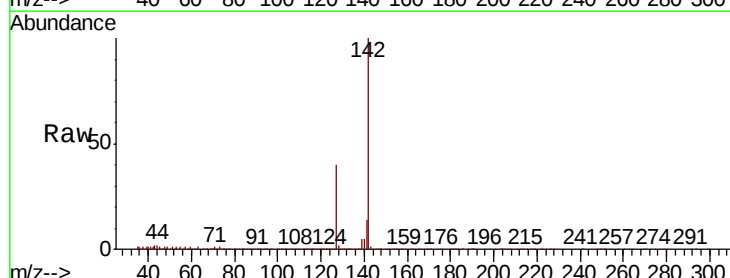
Tgt Ion:142 Resp: 77689

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

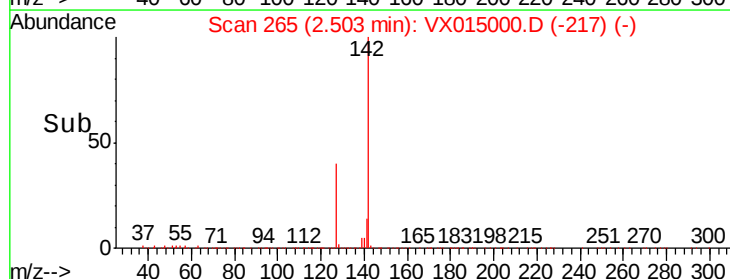
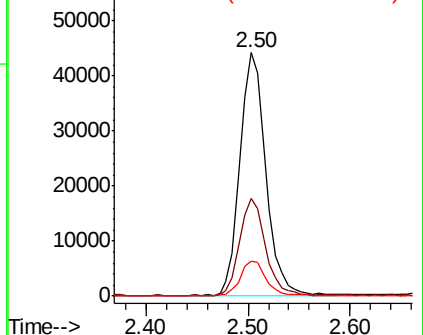
141 14.2 11.3 16.9

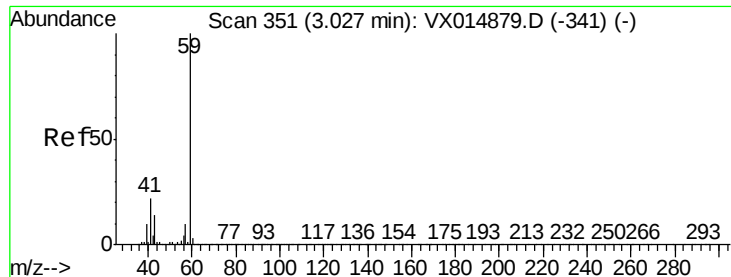


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



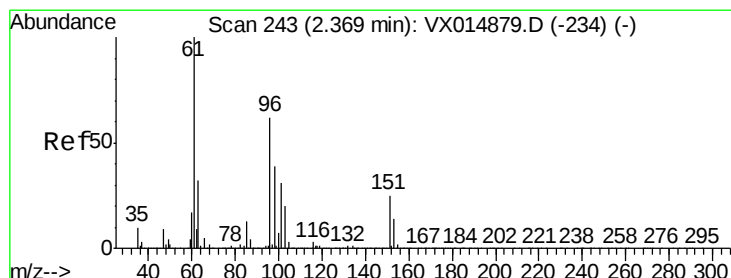
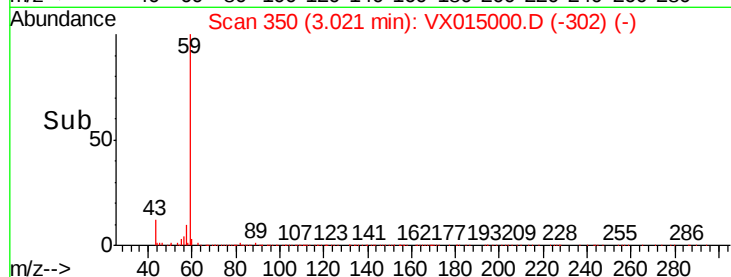
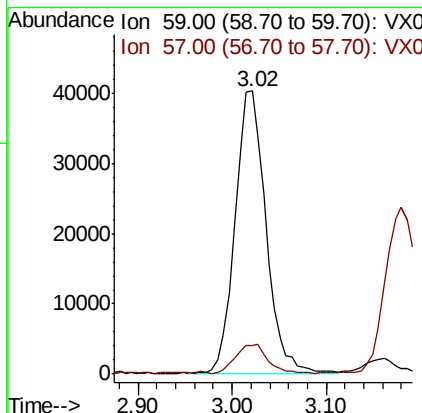
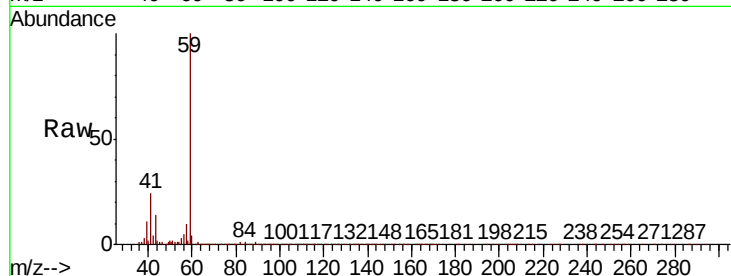


#11

Tert butyl alcohol
Concen: 107.142 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Instrument :
MSVOA_X
ClientSampled :

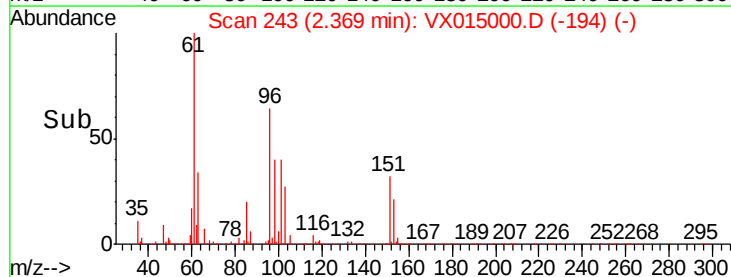
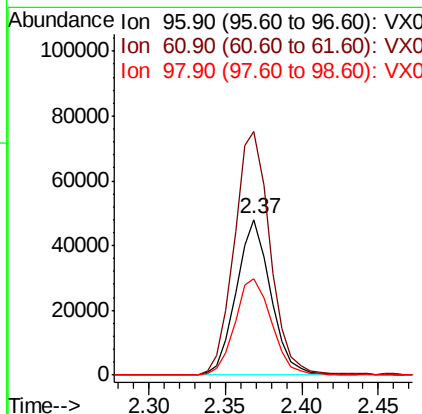
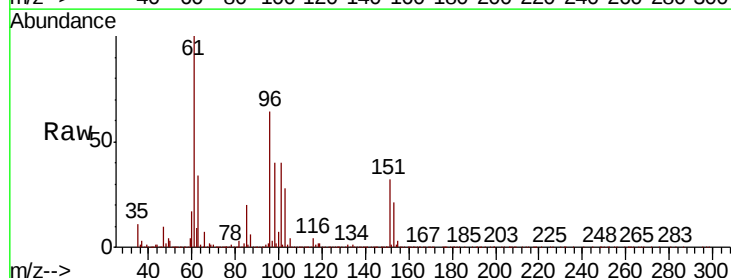
Tot Ion: 59 Resp: 92834
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

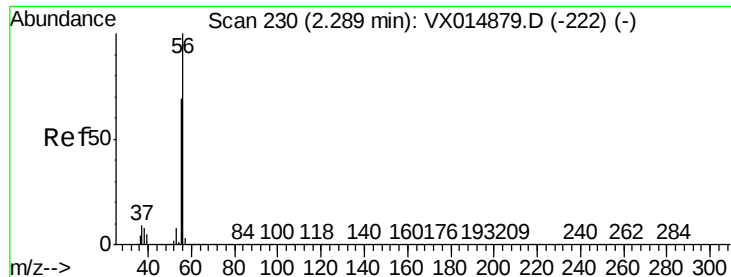


#12

1,1-Dichloroethene
Concen: 18.569 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 96 Resp: 74007
Ion Ratio Lower Upper
96 100
61 156.5 129.5 194.3
98 62.0 50.6 76.0





#13

Acrolein

Concen: 79.764 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

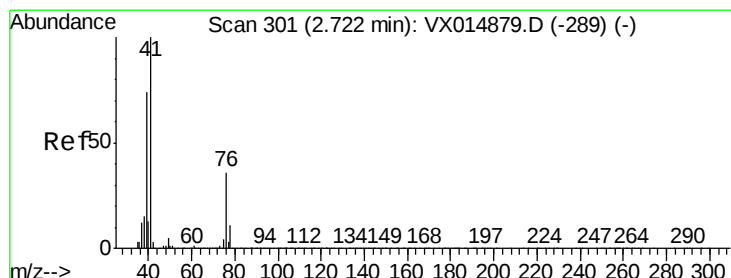
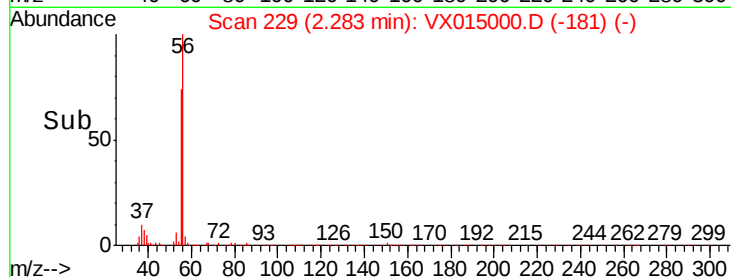
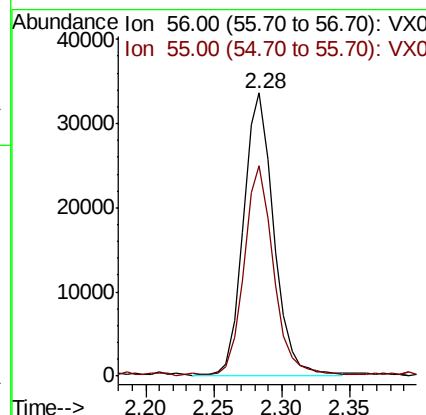
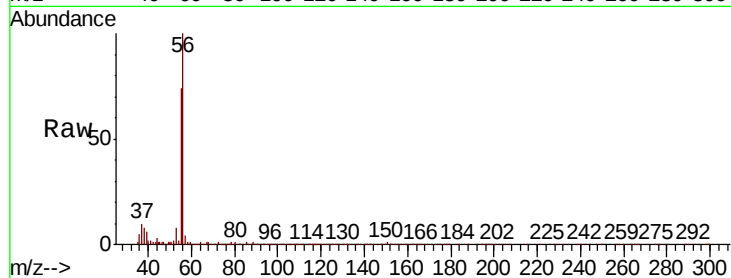
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 52675

Ion Ratio Lower Upper

56 100

55 71.9 55.0 82.4



#14

Allyl chloride

Concen: 18.933 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

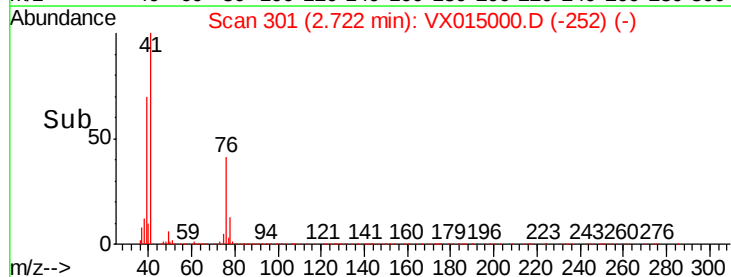
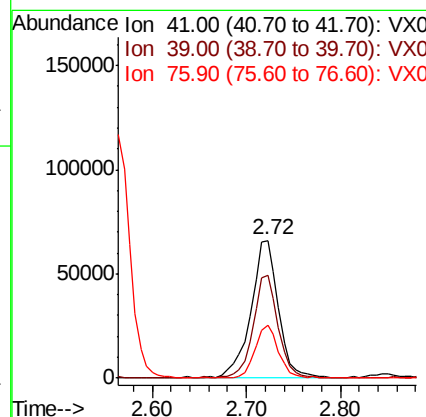
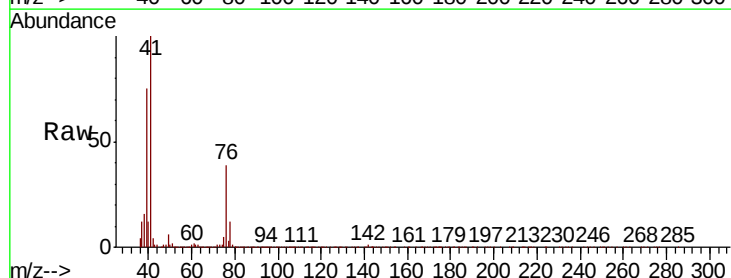
Tgt Ion: 41 Resp: 133784

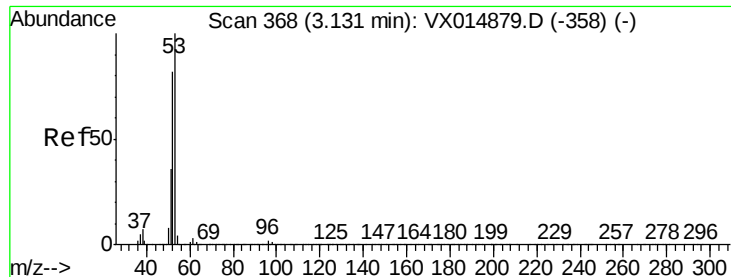
Ion Ratio Lower Upper

41 100

39 67.6 55.2 82.8

76 33.2 26.8 40.2





#15

Acrylonitrile

Concen: 104.381 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

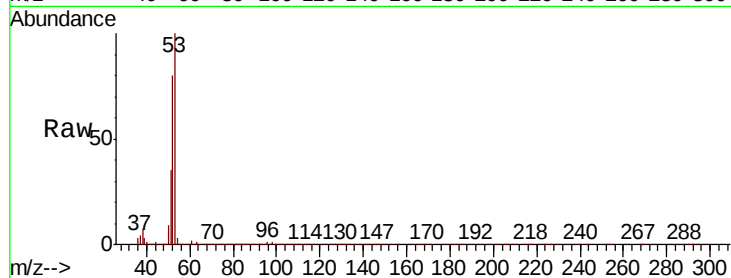
Tot Ion: 53 Resp: 229277

Ion Ratio Lower Upper

53 100

52 81.2 65.8 98.6

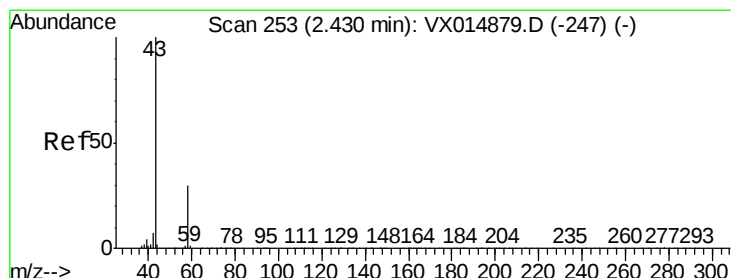
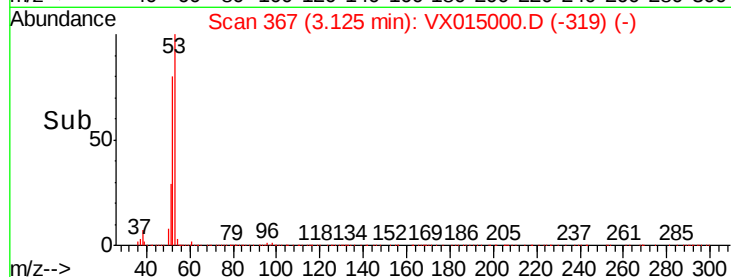
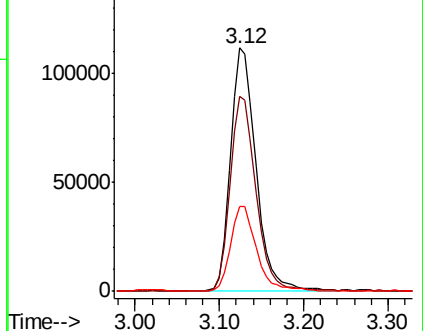
51 35.3 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.936 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015000.D

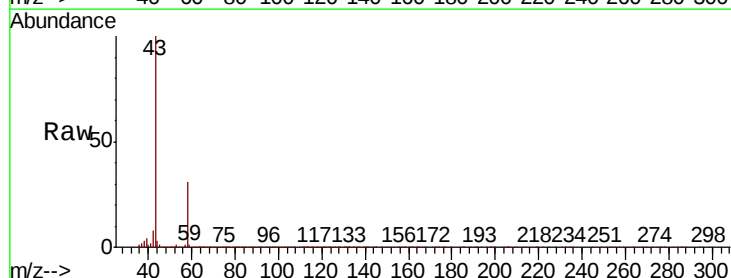
Acq: 24 Feb 2020 11:01

Tgt Ion: 43 Resp: 235355

Ion Ratio Lower Upper

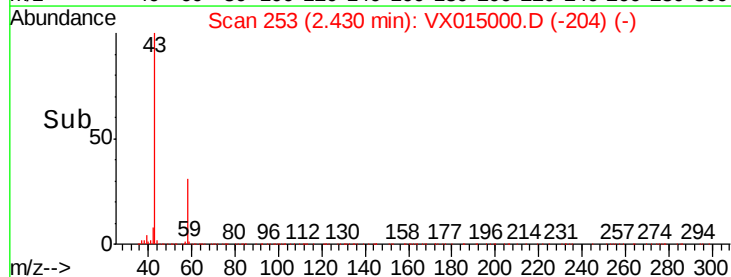
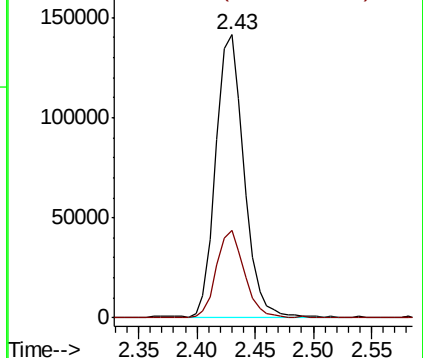
43 100

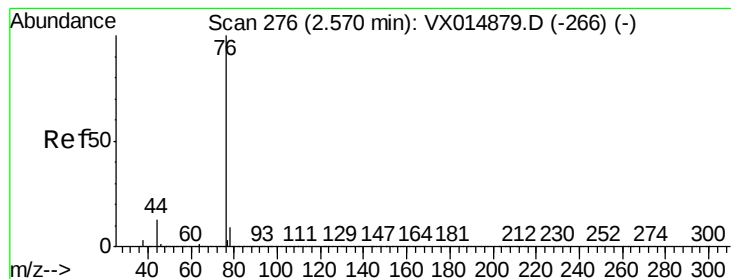
58 30.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.984 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

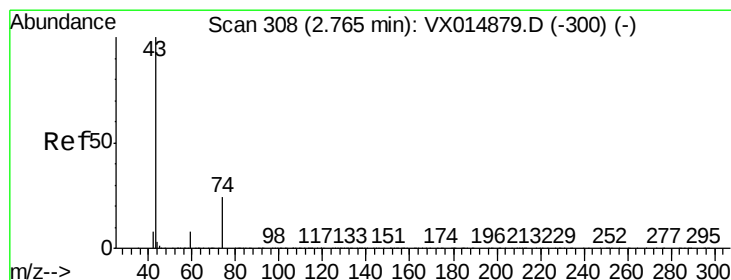
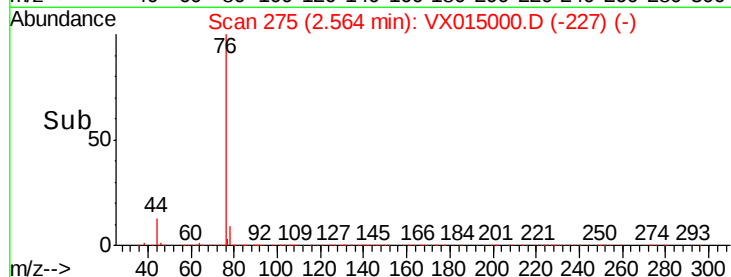
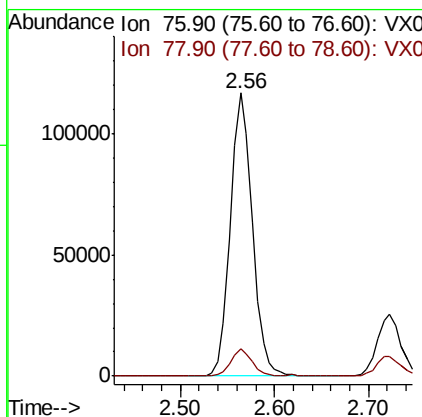
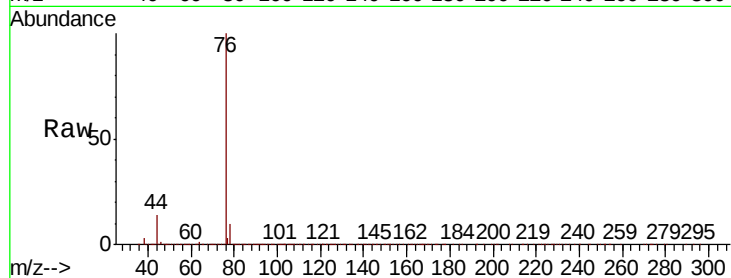
ClientSampleId :

Tot Ion: 76 Resp: 189135

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 22.074 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015000.D

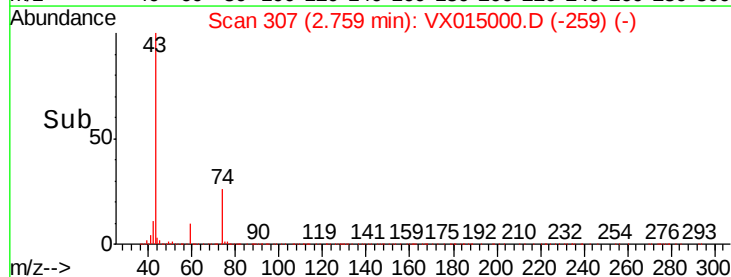
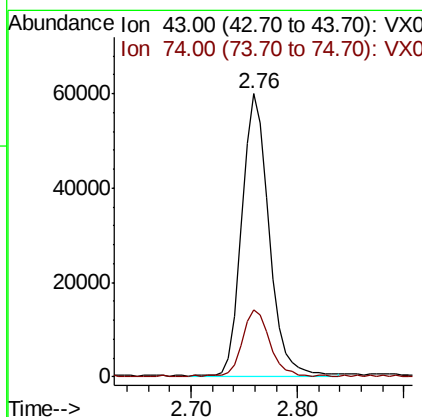
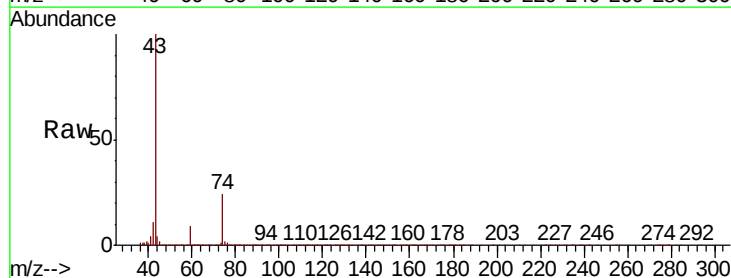
Acq: 24 Feb 2020 11:01

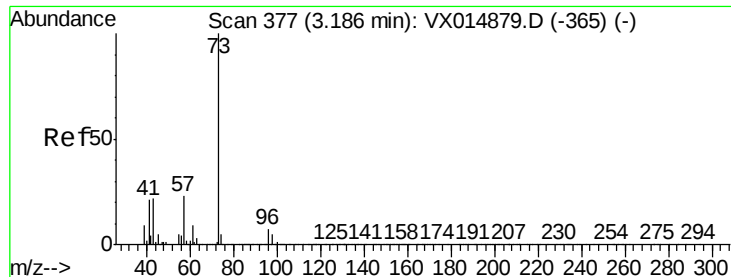
Tgt Ion: 43 Resp: 109100

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.0

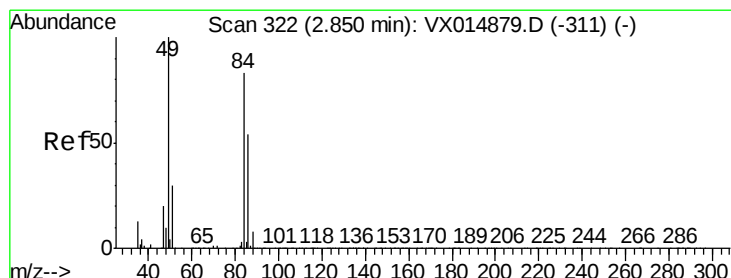
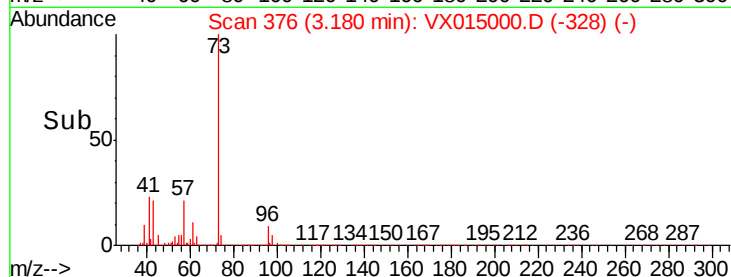
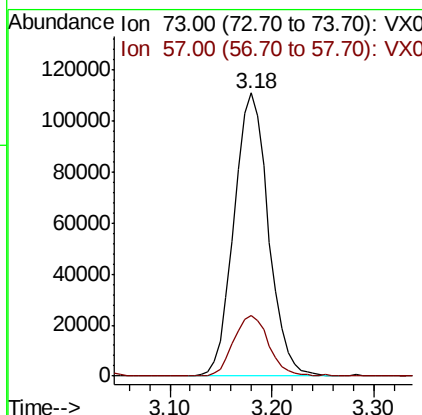
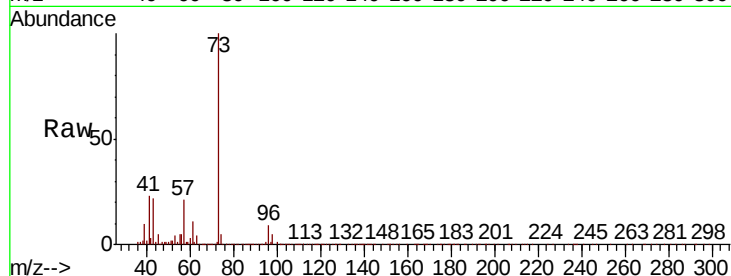




#19
Methvl tert-butvl Ether
Concen: 19.948 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

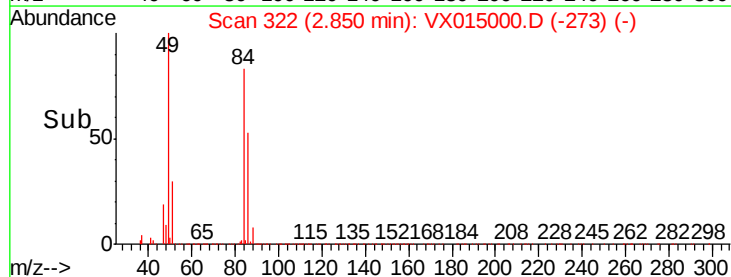
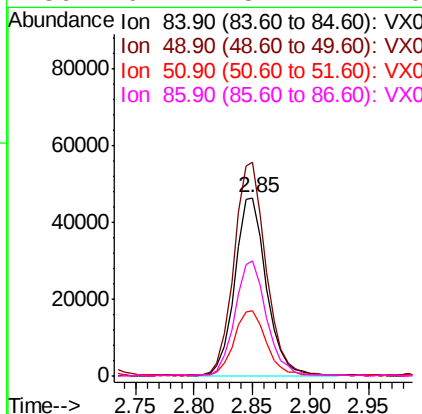
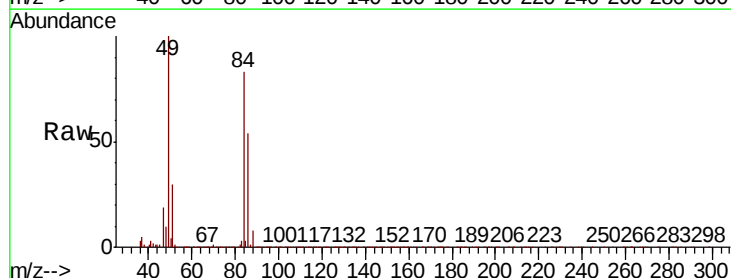
Instrument :
MSVOA_X
ClientSampleId :

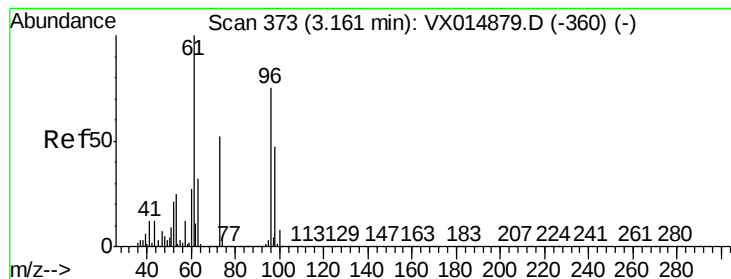
Tot Ion: 73 Resp: 258744
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4



#20
Methylene Chloride
Concen: 18.552 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 84 Resp: 87577
Ion Ratio Lower Upper
84 100
49 119.2 95.6 143.4
51 36.1 29.0 43.6
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.757 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

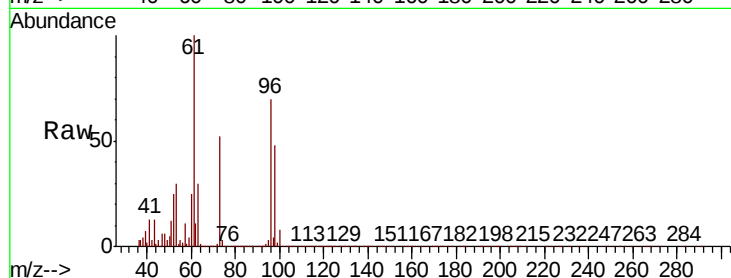
Tot Ion: 96 Resp: 82489

Ion Ratio Lower Upper

96 100

61 142.6 106.9 160.3

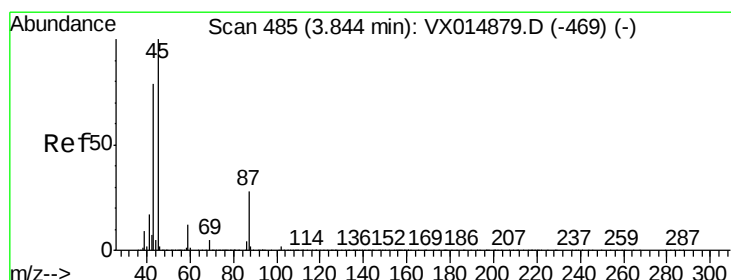
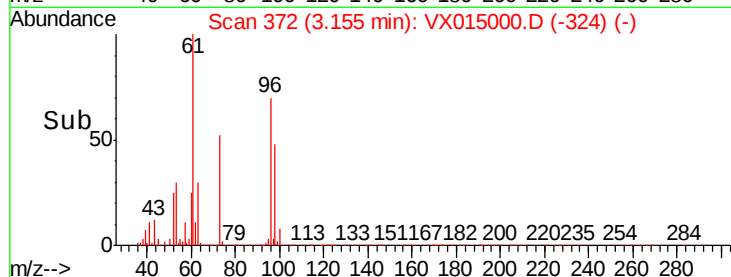
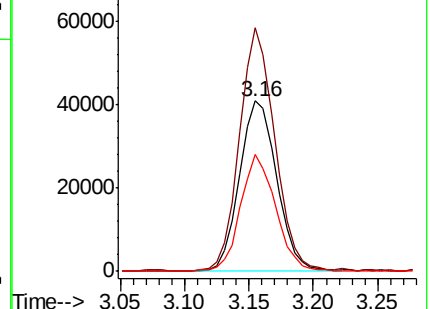
98 67.9 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.390 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Tgt Ion: 45 Resp: 275183

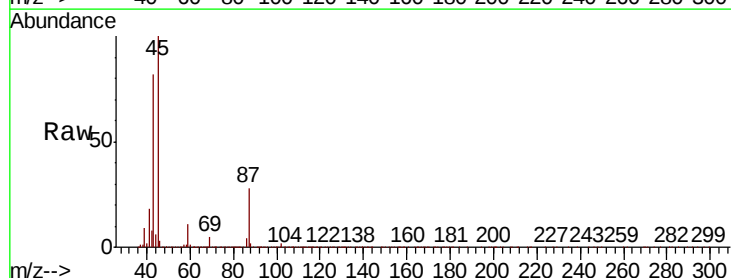
Ion Ratio Lower Upper

45 100

43 80.7 63.5 95.3

87 27.5 22.2 33.4

59 11.1 9.4 14.0

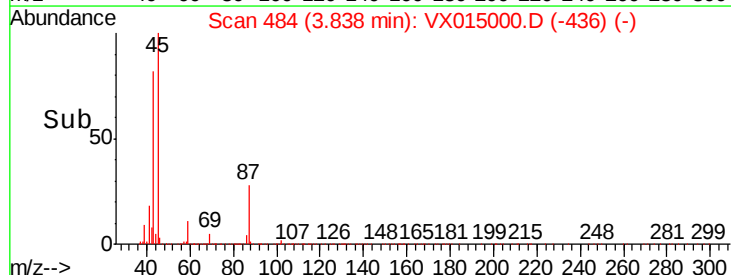
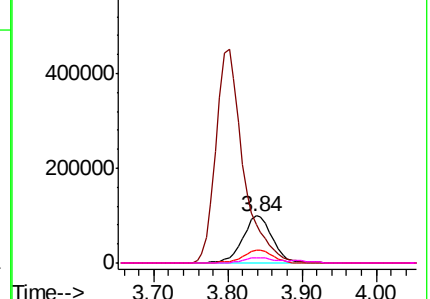


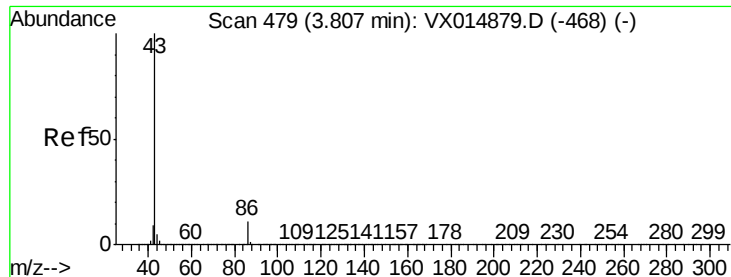
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.588 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

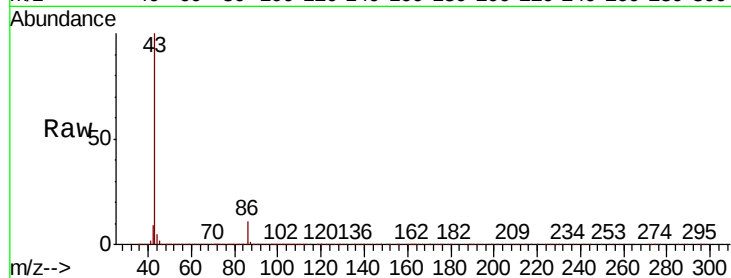
ClientSampled :

Tot Ion: 43 Resp: 1152474

Ion Ratio Lower Upper

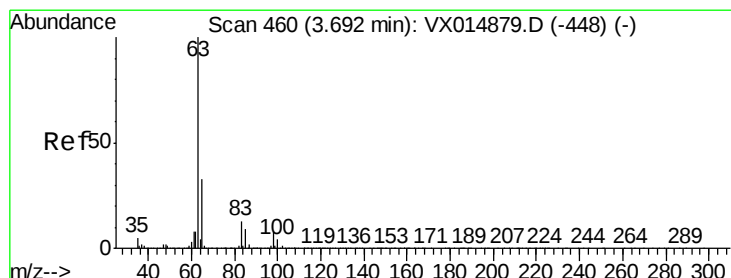
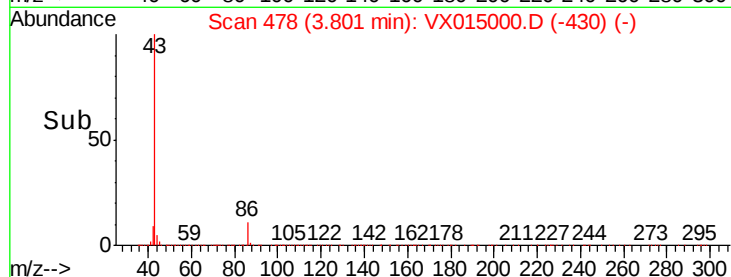
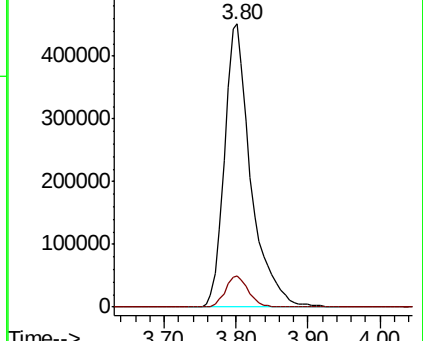
43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.753 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

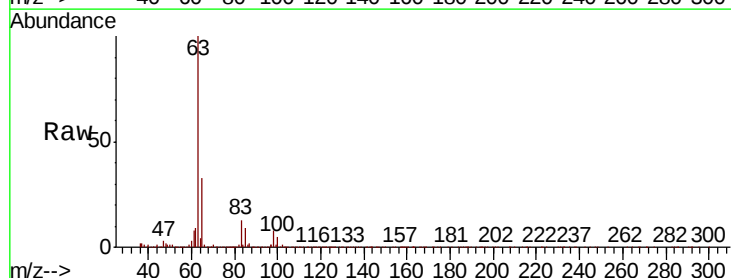
Tgt Ion: 63 Resp: 150460

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

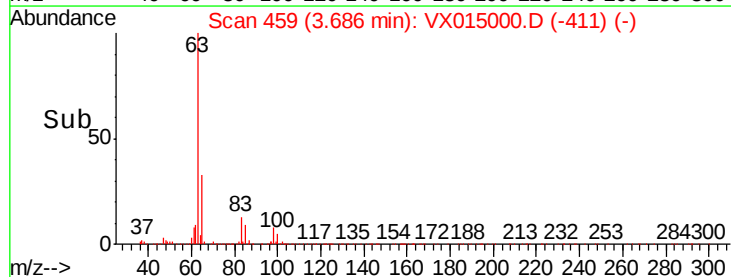
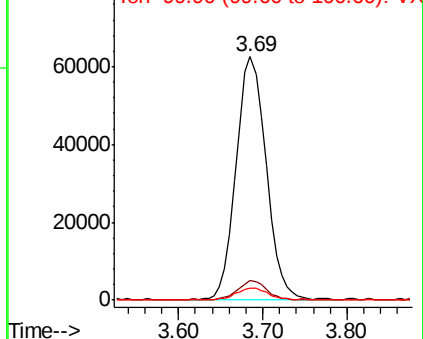
100 4.9 2.2 6.6

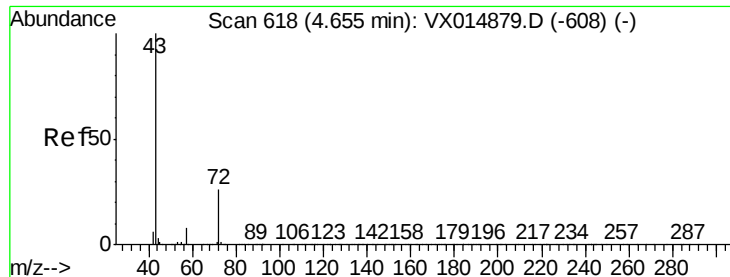


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.441 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

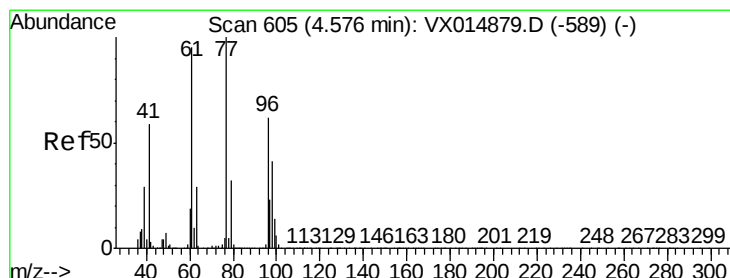
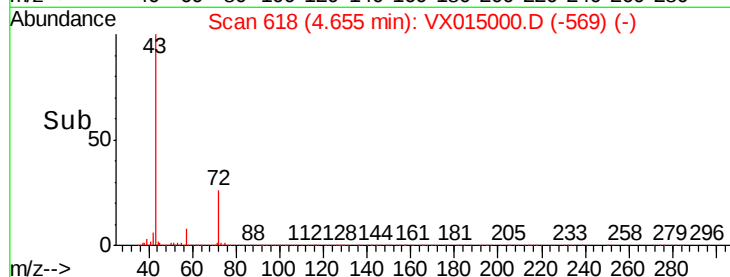
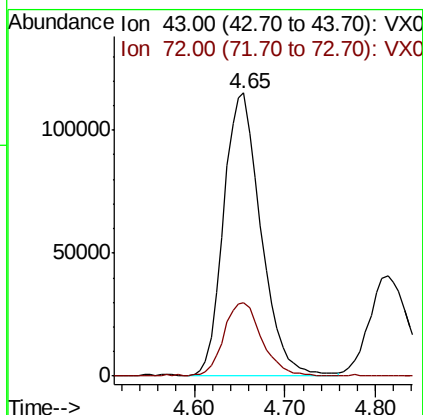
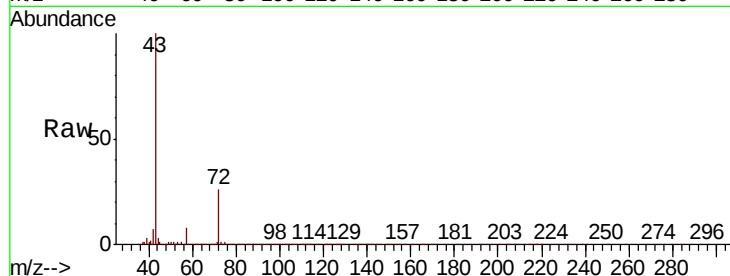
ClientSampled :

Tot Ion: 43 Resp: 325541

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.038 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015000.D

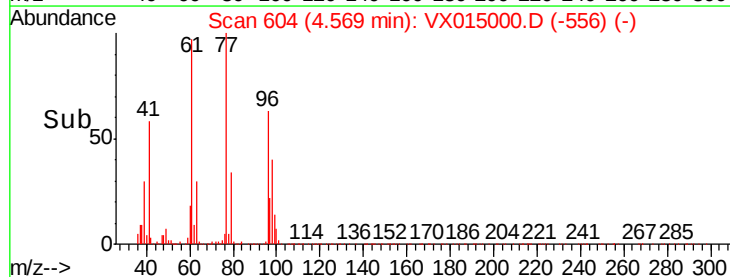
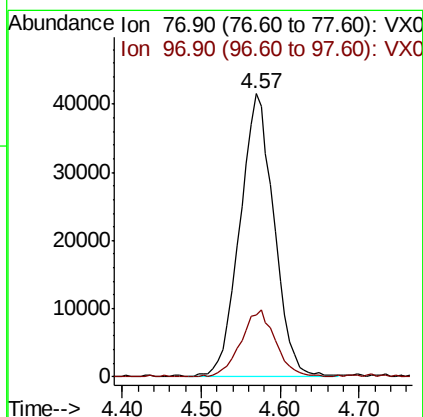
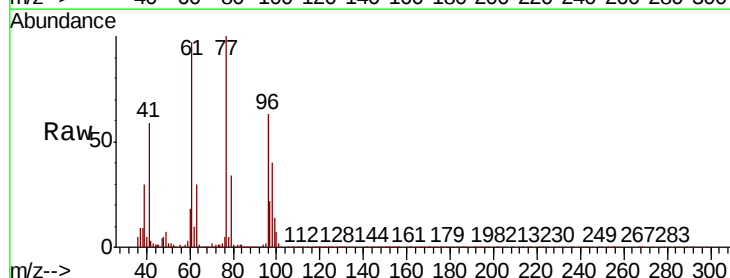
Acq: 24 Feb 2020 11:01

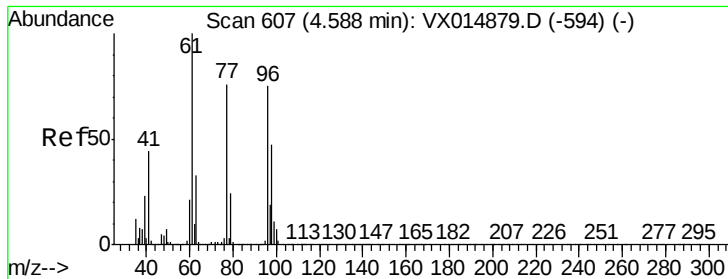
Tgt Ion: 77 Resp: 124969

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5



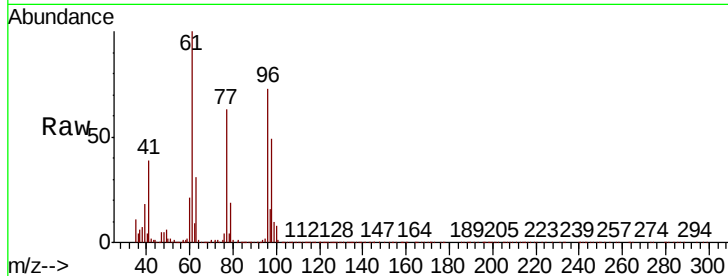


#27

cis-1,2-Dichloroethene
Concen: 19.126 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	286.2
98	65.7	0.0	131.0

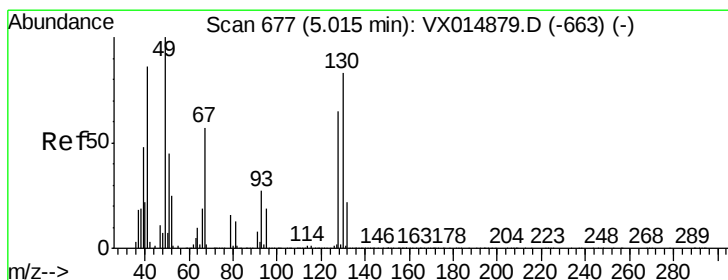
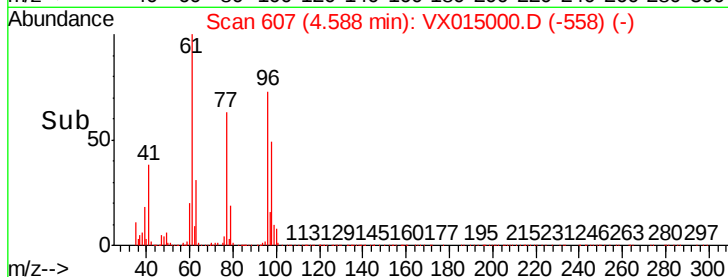
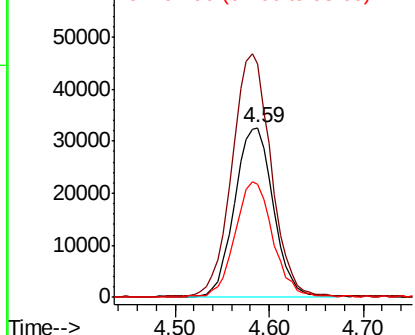


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

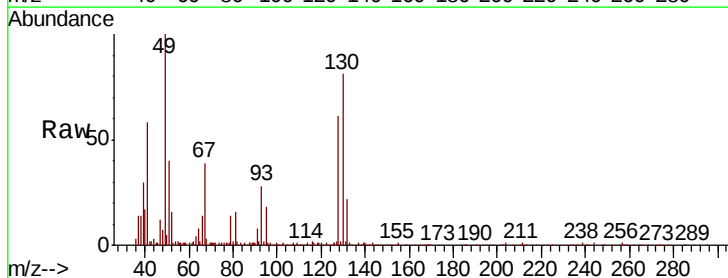
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 21.384 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	79.8	67.4	101.2

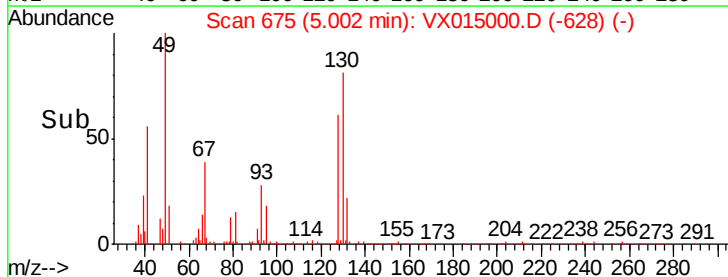
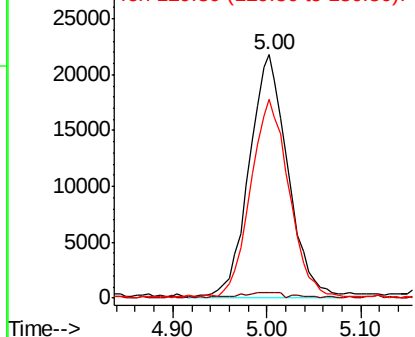


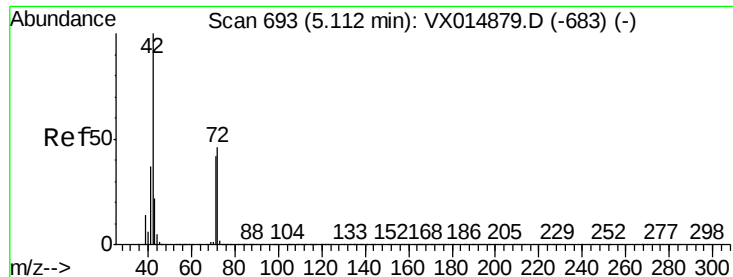
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

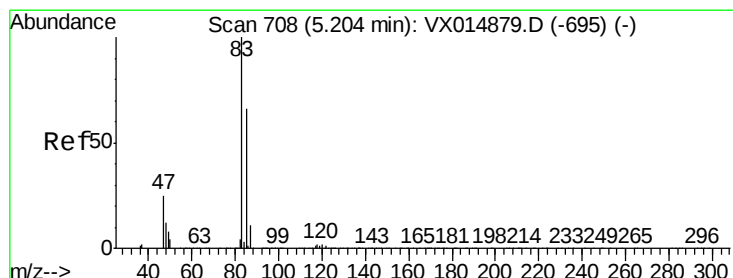
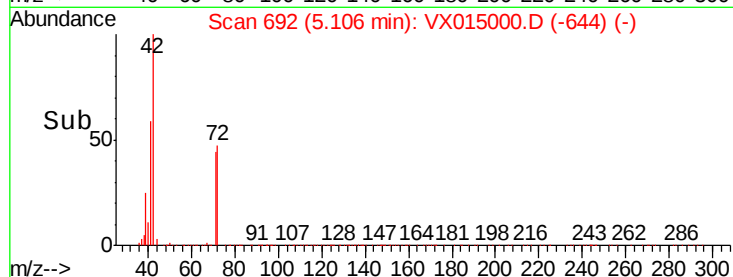
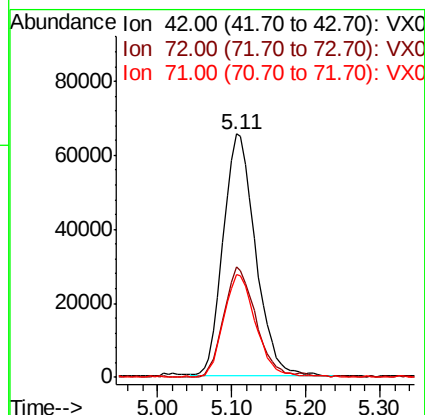
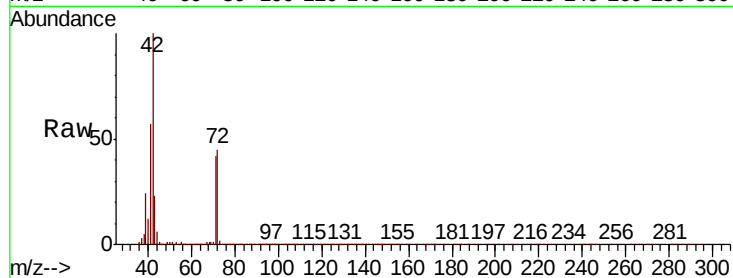




#29
Tetrahydrofuran
Concen: 104.389 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

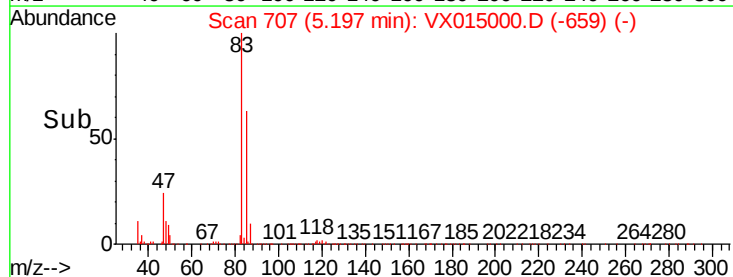
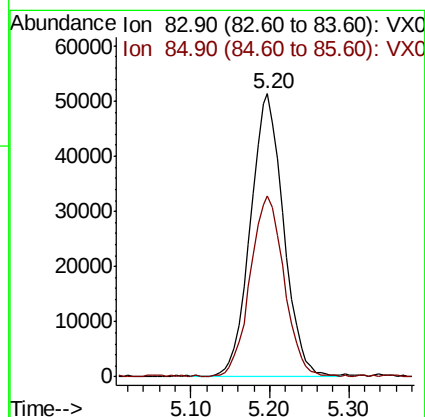
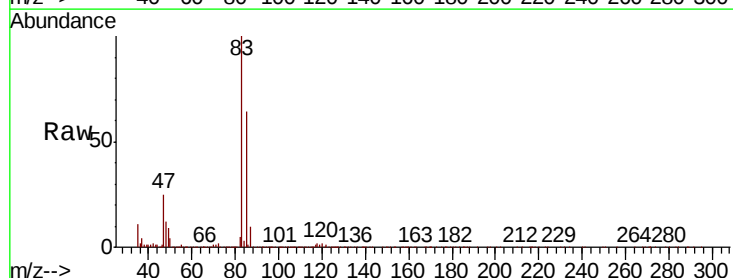
Instrument :
MSVOA_X
ClientSampleId :

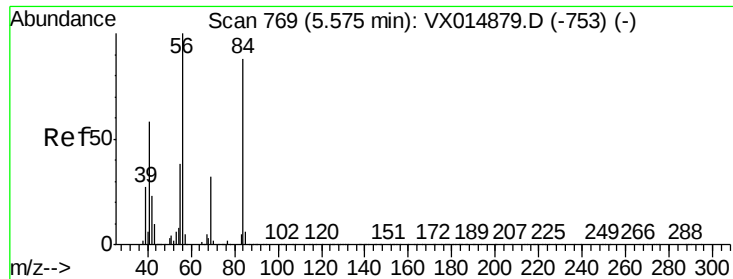
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.9	55.3
71	41.9	34.1	51.1



#30
Chloroform
Concen: 19.864 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3

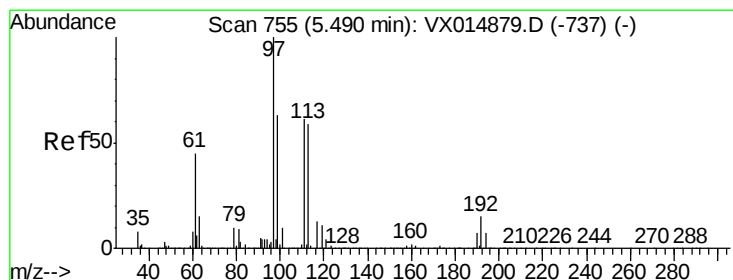
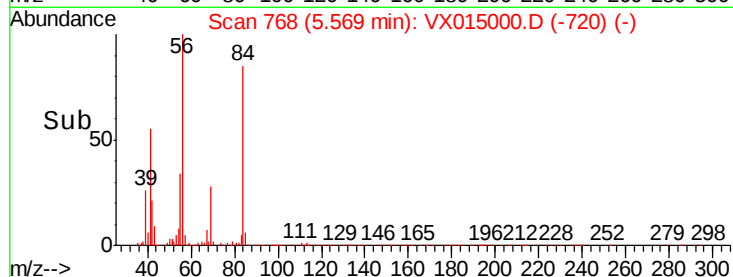
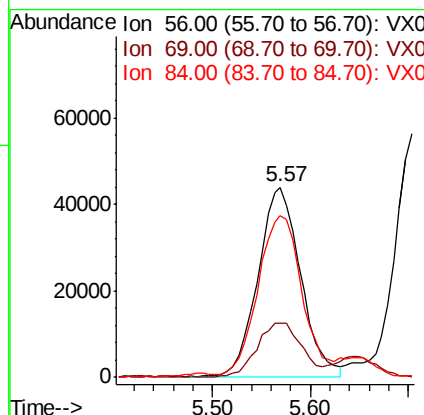
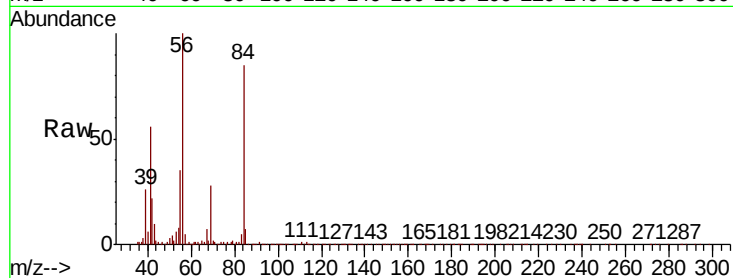




#31
Cyclohexane
Concen: 19.113 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

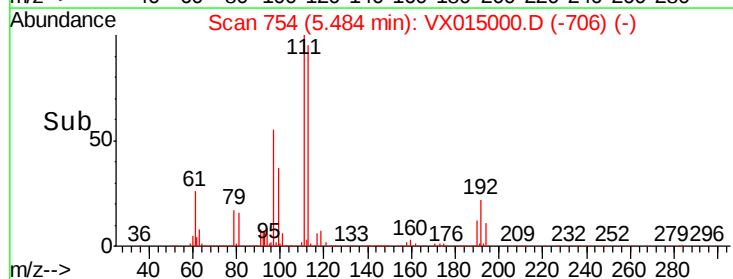
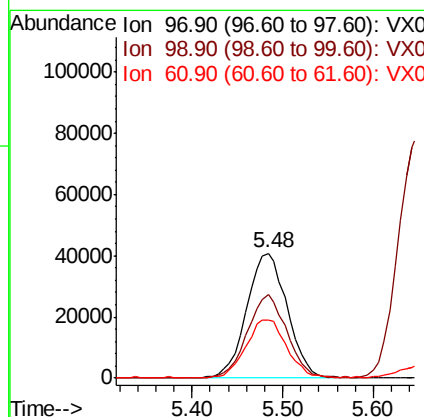
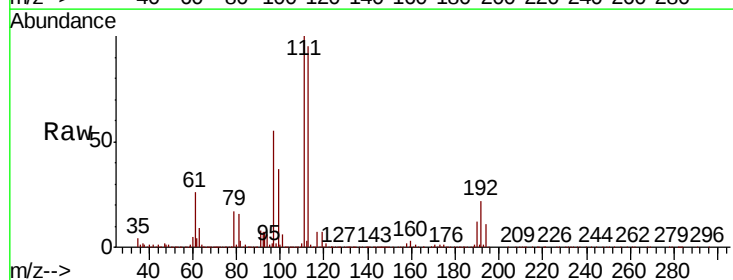
Instrument :
MSVOA_X
ClientSampleId :

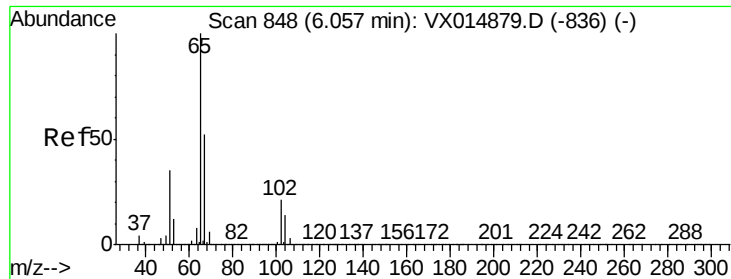
Tot Ion: 56 Resp: 132598
Ion Ratio Lower Upper
56 100
69 27.9 25.9 38.9
84 83.4 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.039 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 97 Resp: 125858
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 46.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.199 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

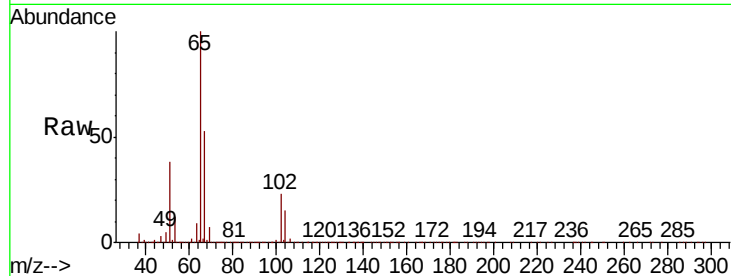
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 65 Resp: 241437

Ion Ratio Lower Upper

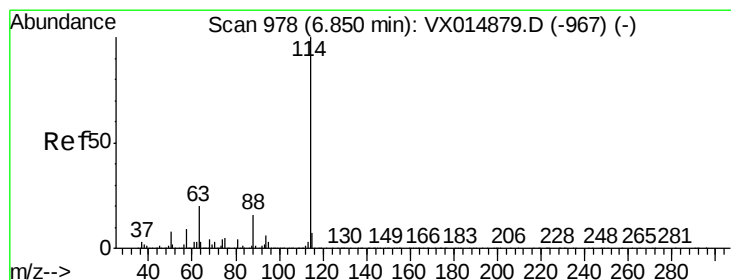
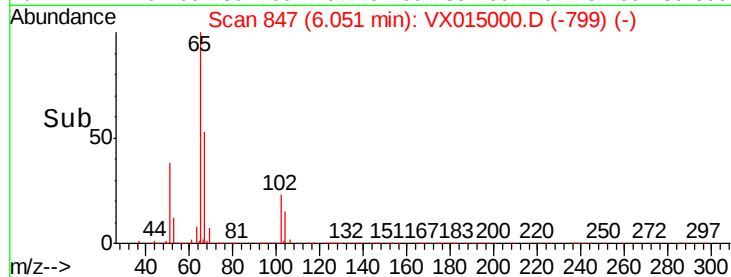
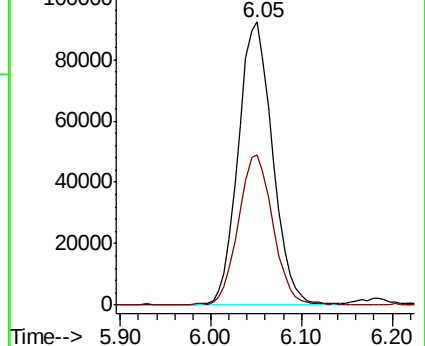
65 100

67 53.5 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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

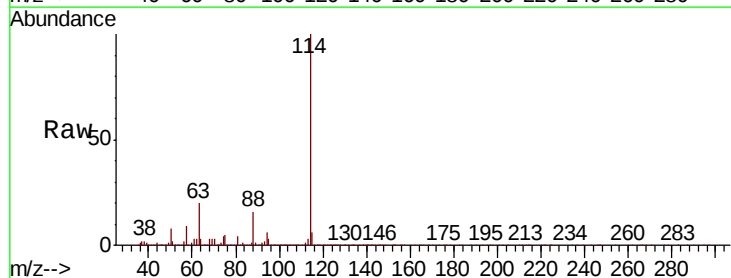
Tgt Ion: 114 Resp: 644440

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

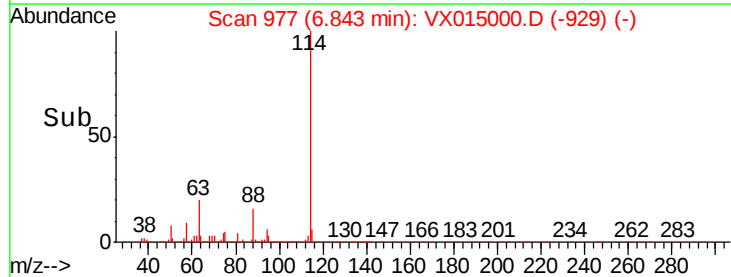
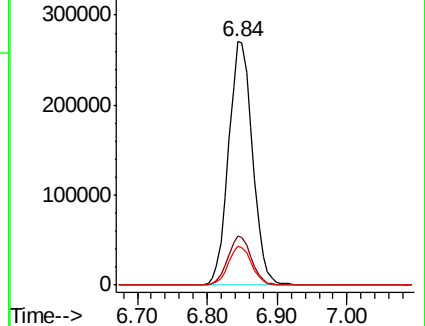
88 15.7 0.0 32.0

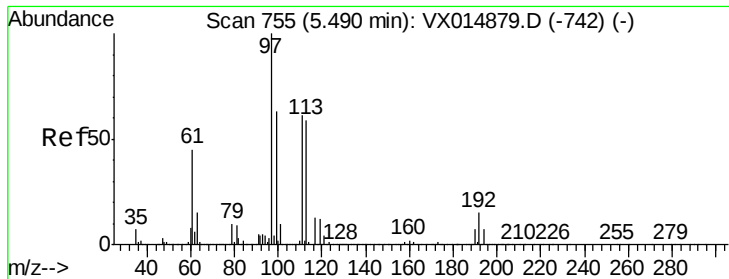


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.225 ug/l

RT: 5.48 min Scan# 754

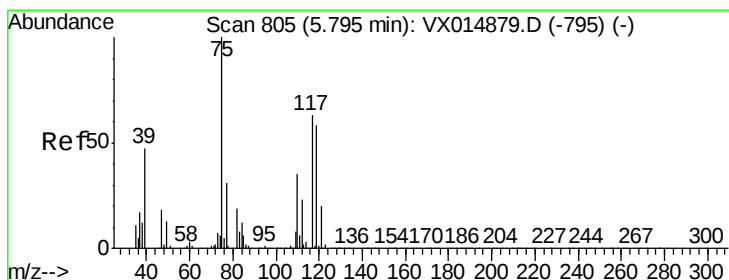
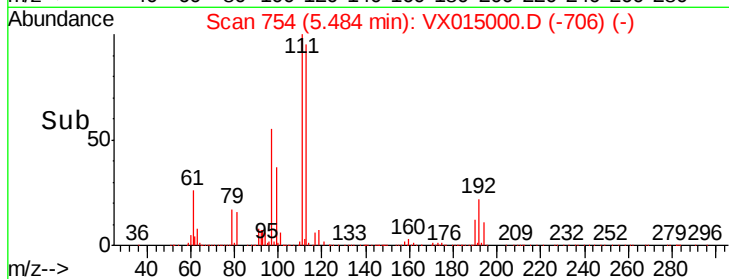
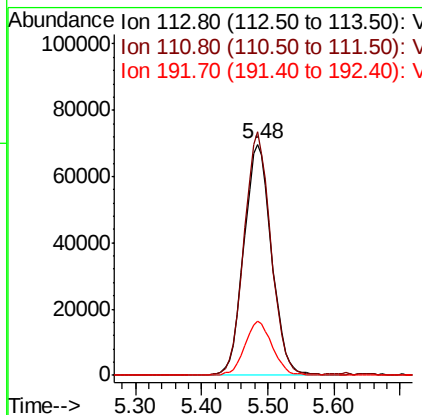
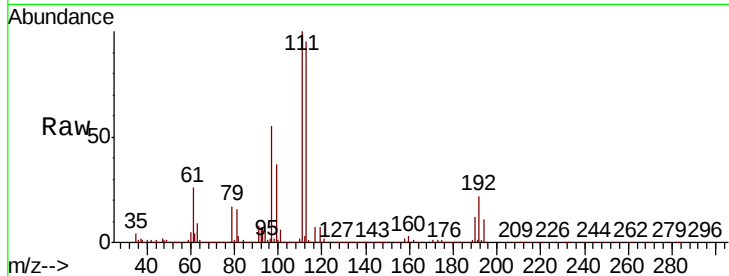
Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	202947
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	23.3	19.1	28.7



#36

1,1-Dichloropropene

Concen: 19.544 ug/l

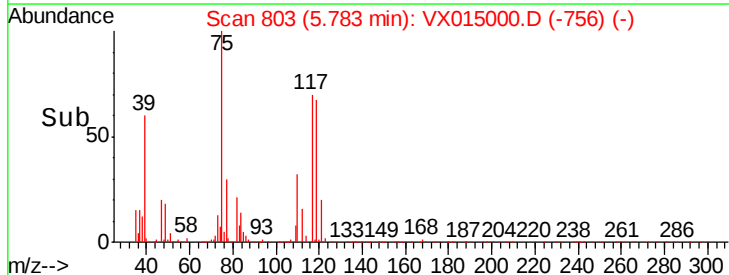
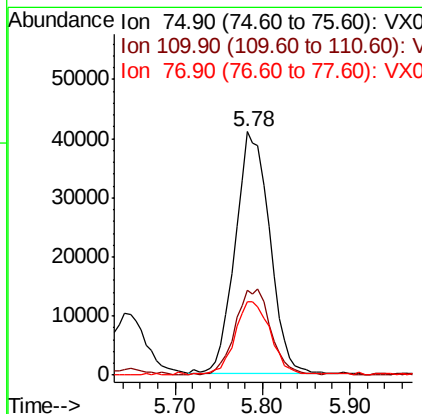
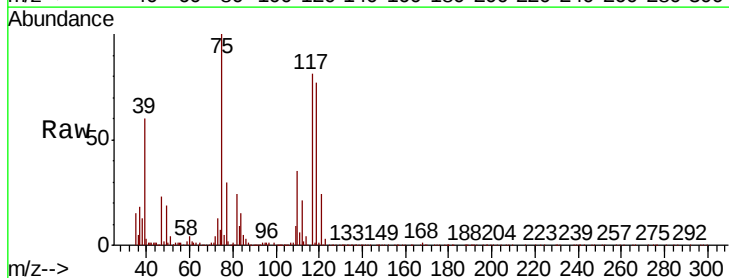
RT: 5.78 min Scan# 803

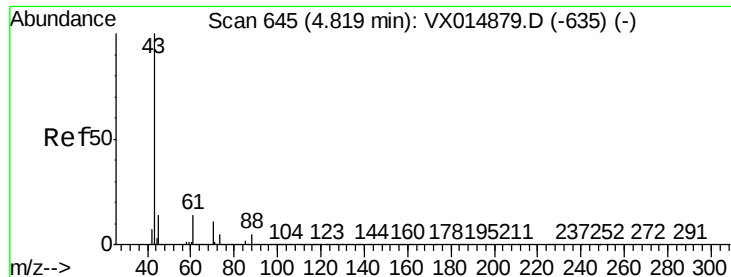
Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Tgt Ion:	75	Resp:	112668
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	30.6	24.6	36.8

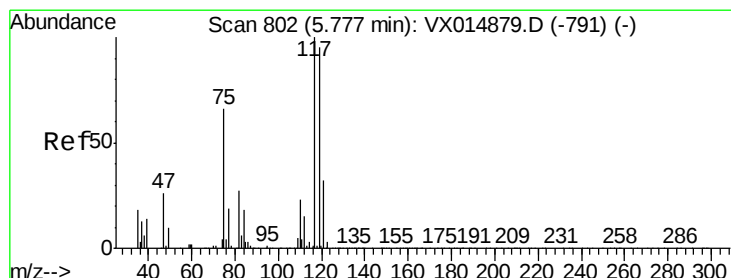
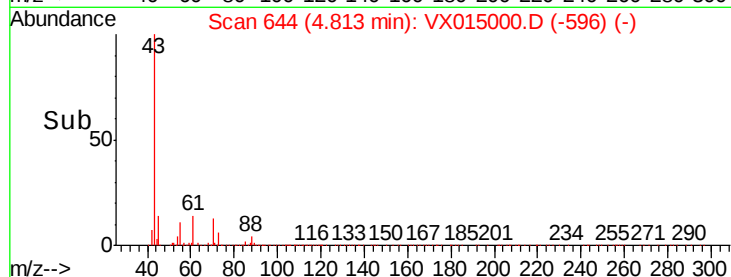
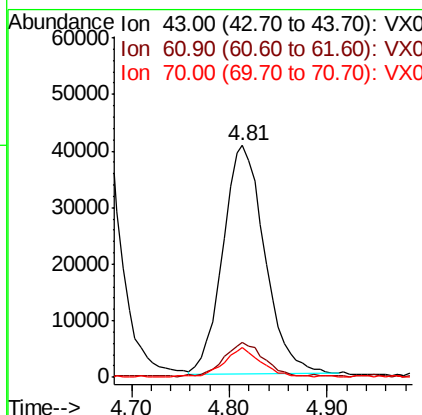
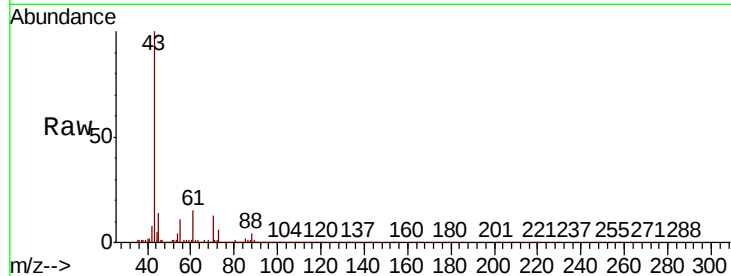




#37
Ethyl Acetate
Concen: 20.023 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

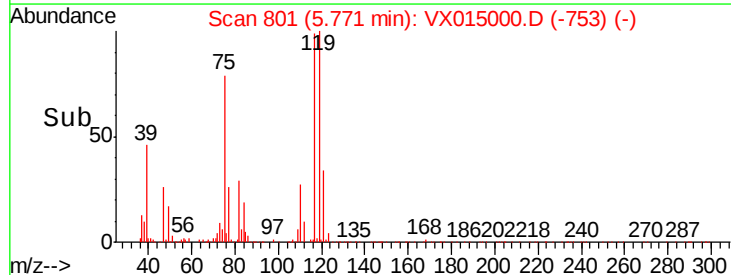
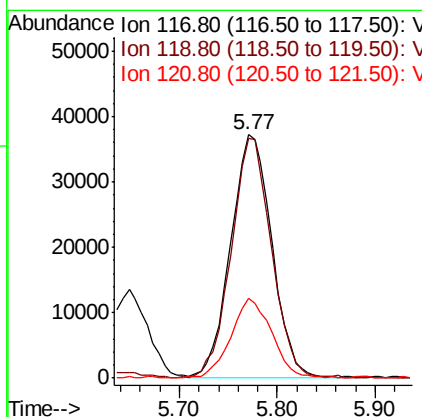
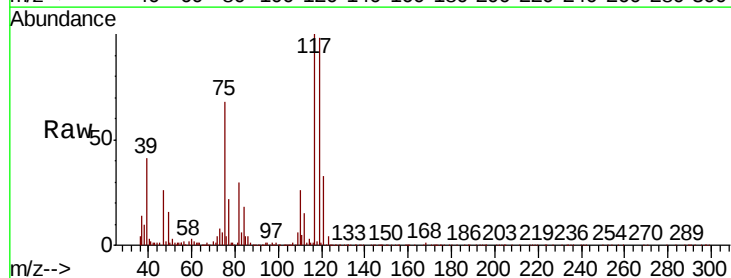
Instrument :
MSVOA_X
ClientSampled :

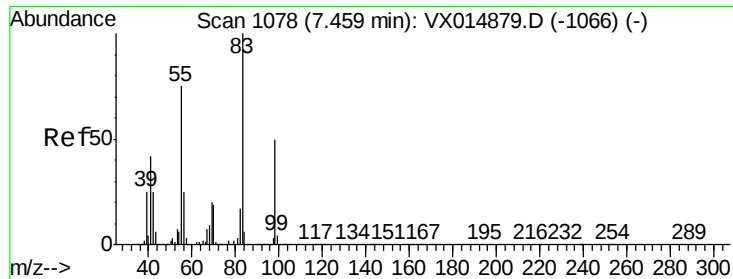
Tot Ion: 43 Resp: 120389
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.183 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 117 Resp: 107767
Ion Ratio Lower Upper
117 100
119 98.7 76.0 114.0
121 32.7 25.4 38.2

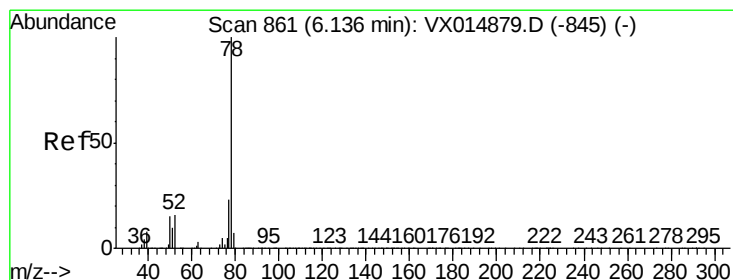
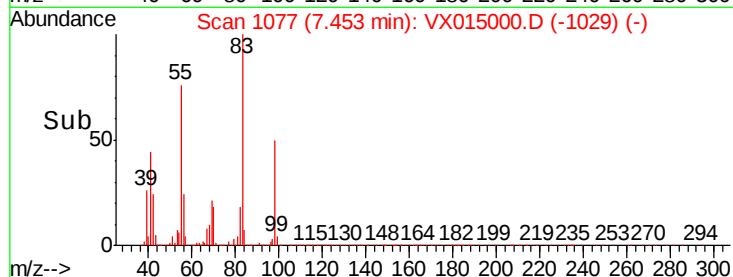
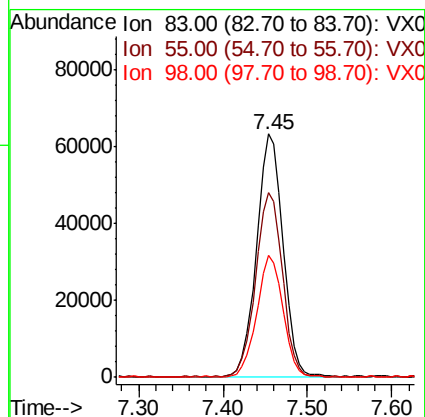
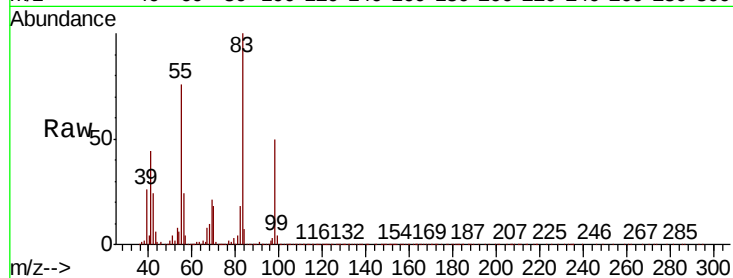




#39
Methvlcvclohexane
Concen: 19.104 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

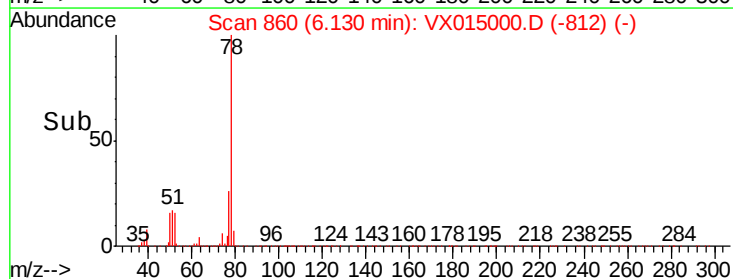
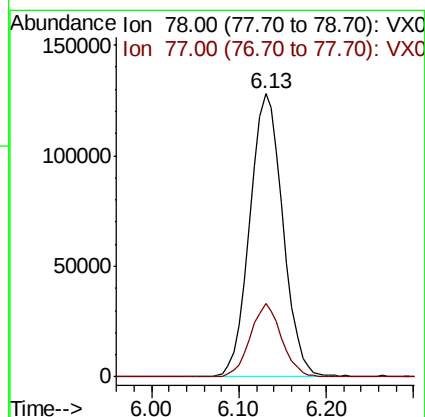
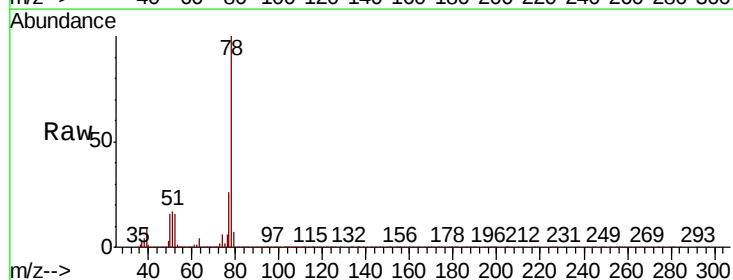
Instrument :
MSVOA_X
ClientSampleId :

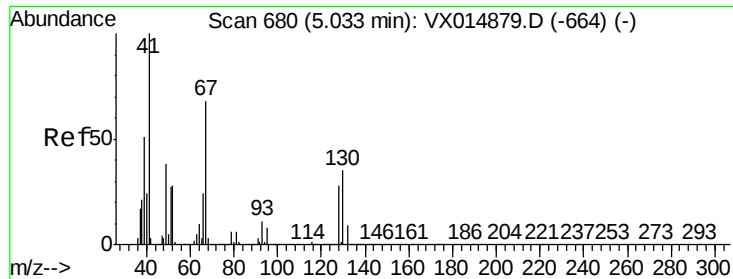
Tot Ion	83.00	Resp	137730
Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.0	90.0
98	50.3	39.6	59.4



#40
Benzene
Concen: 19.425 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion	78.00	Resp	334580
Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.8	28.2

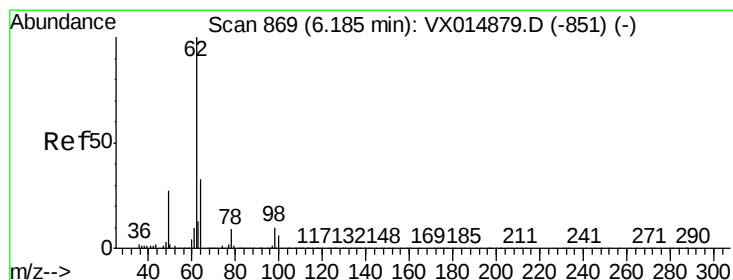
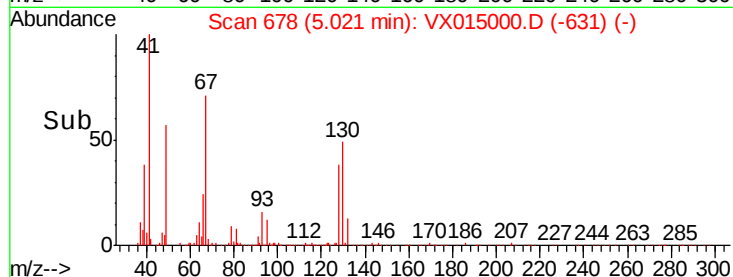
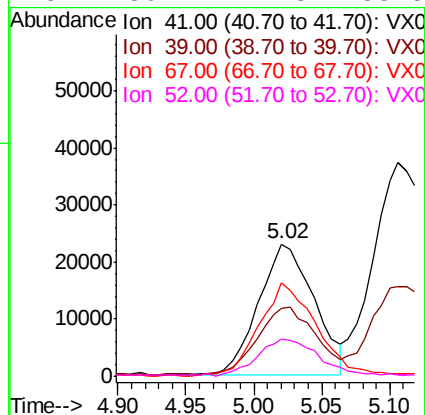
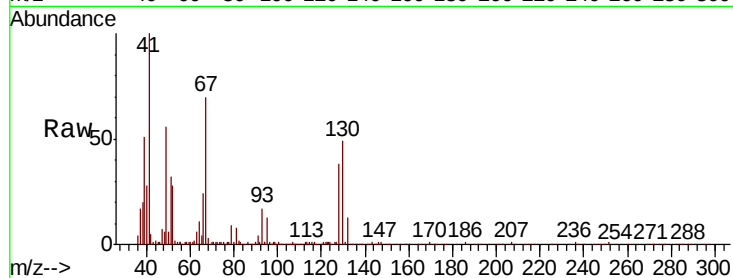




#41
Methacrylonitrile
Concen: 19.962 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

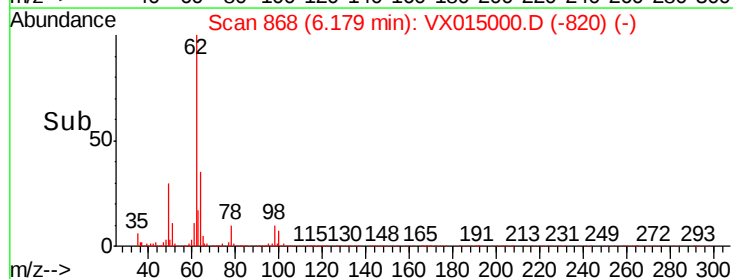
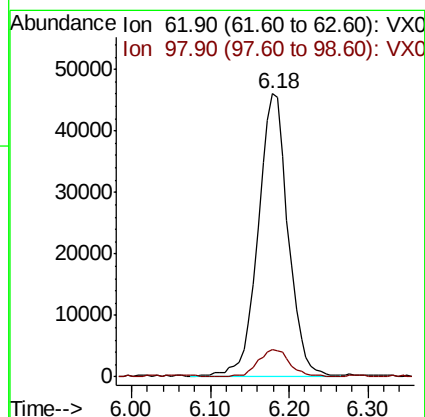
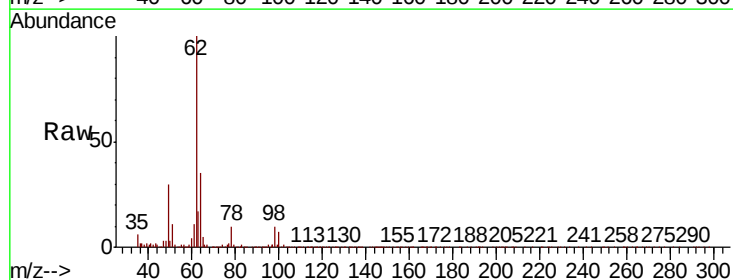
Instrument :
MSVOA_X
ClientSampleId :

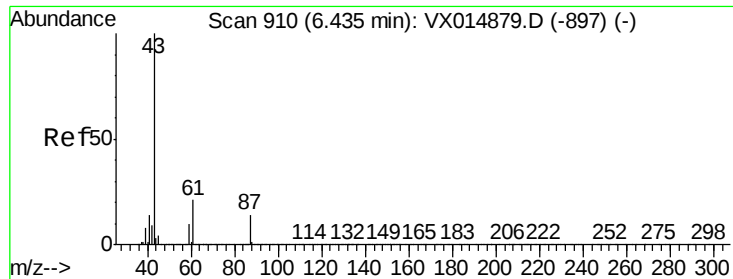
Tot Ion:	41	Resp:	64657
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.7	67.1
67	74.3	56.6	84.8
52	30.4	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.359 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion:	62	Resp:	120515
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.2



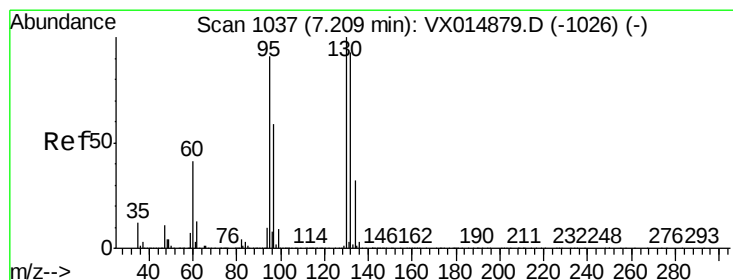
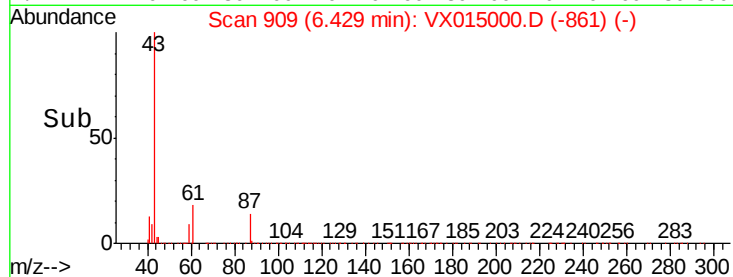
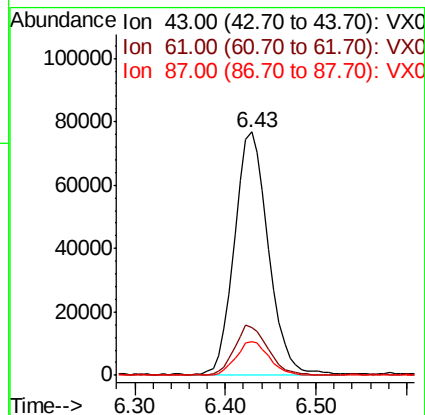
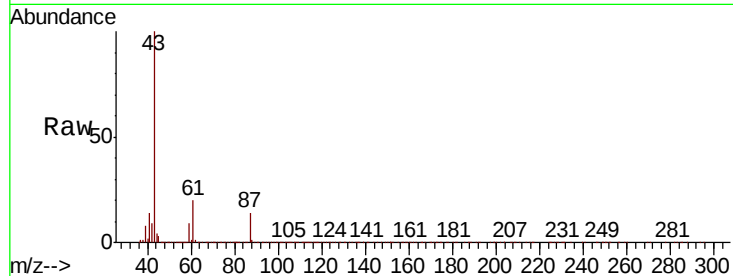


#43

Isopropyl Acetate
 Concen: 19.986 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :

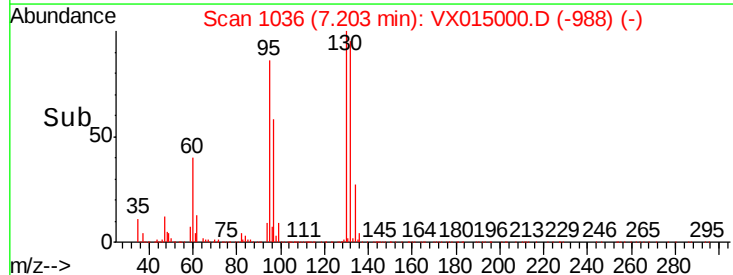
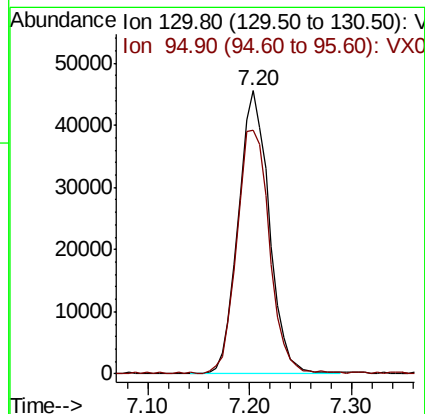
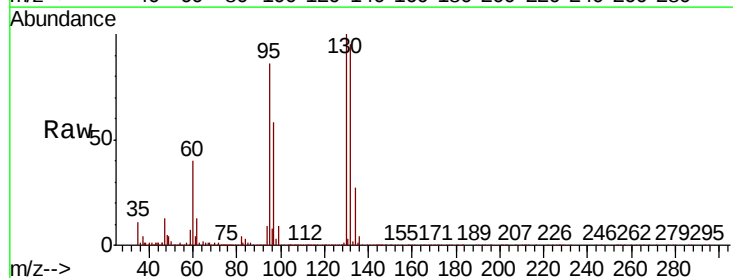
Tot Ion	43	Resp	198231
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.2	24.4
87	13.3	11.0	16.6

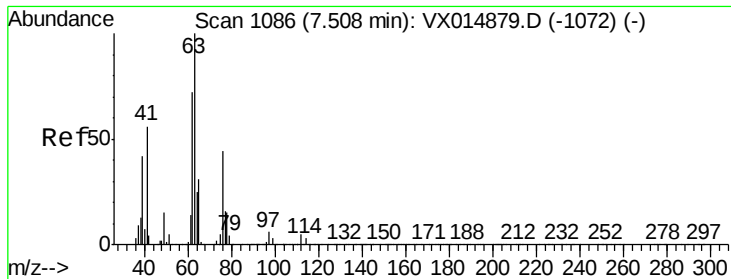


#44

Trichloroethene
 Concen: 19.186 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

Tgt Ion	130	Resp	95934
Ion Ratio	Lower	Upper	
130	100		
95	85.8	0.0	182.6

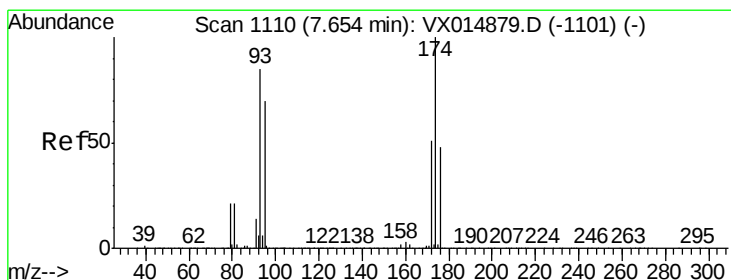
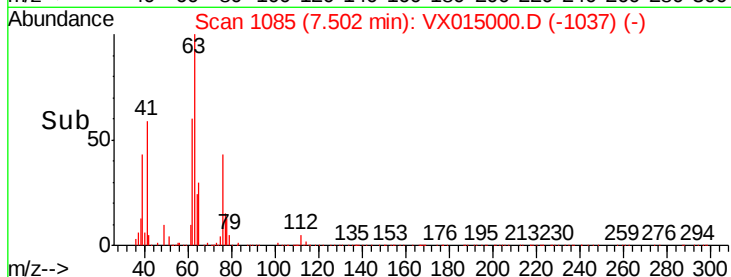
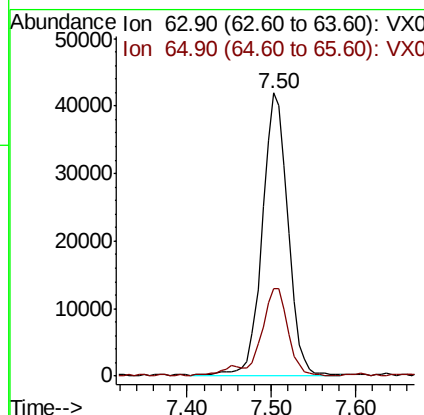
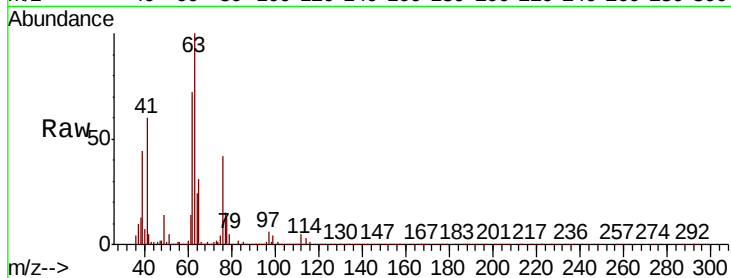




#45
 1,2-Dichloropropane
 Concen: 19.951 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

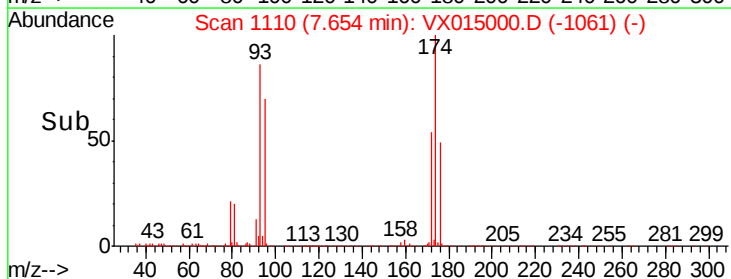
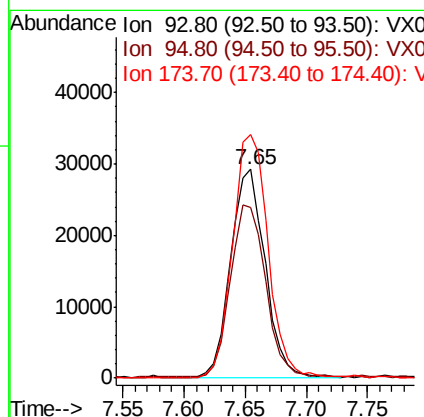
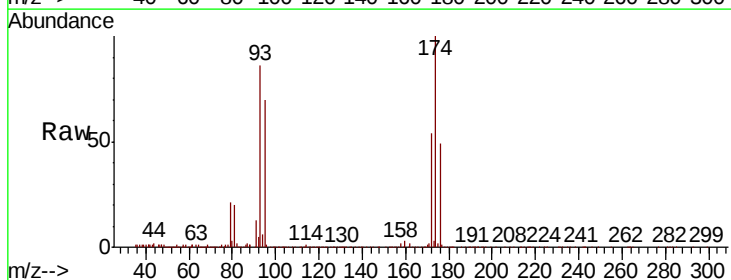
Instrument :
 MSVOA_X
 ClientSampleId :

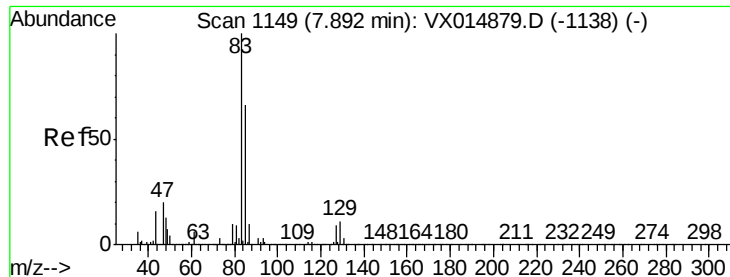
Tot Ion: 63 Resp: 87637
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 18.863 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

Tgt Ion: 93 Resp: 56637
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.8 98.8
 174 121.4 95.4 143.2

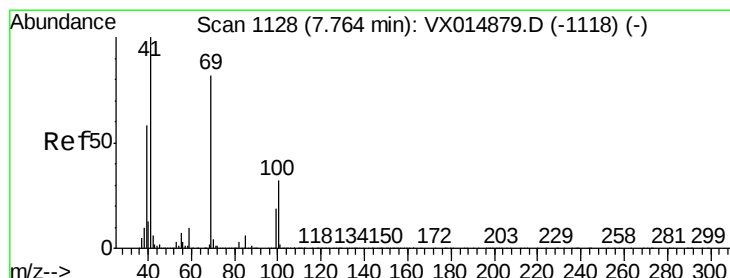
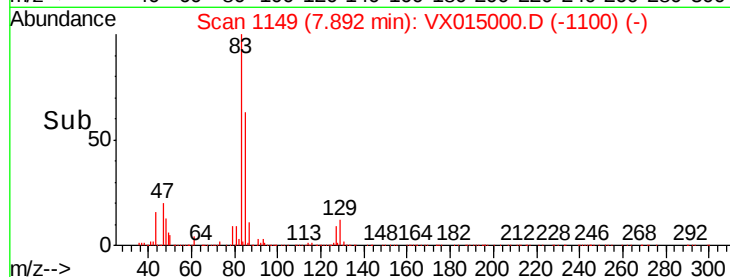
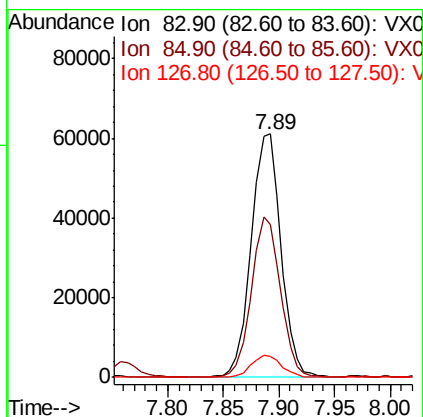
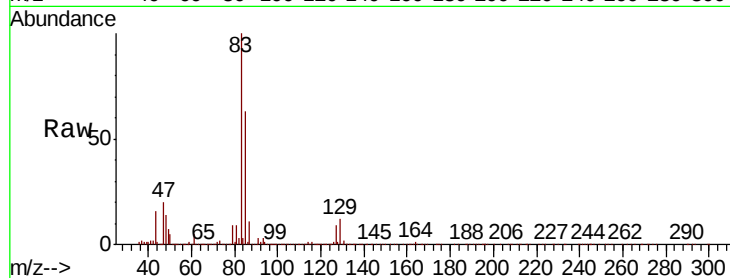




#47
Bromodichloromethane
Concen: 19.205 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

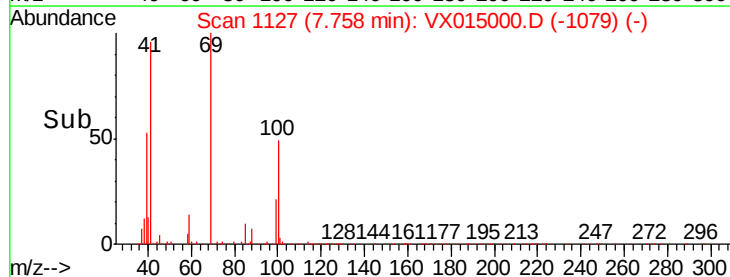
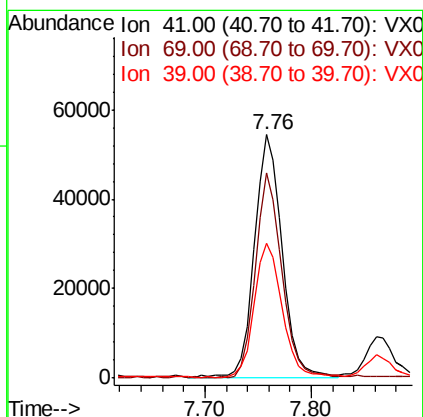
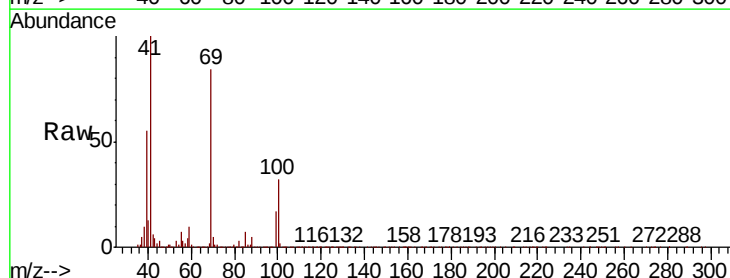
Instrument :
MSVOA_X
ClientSampleId :

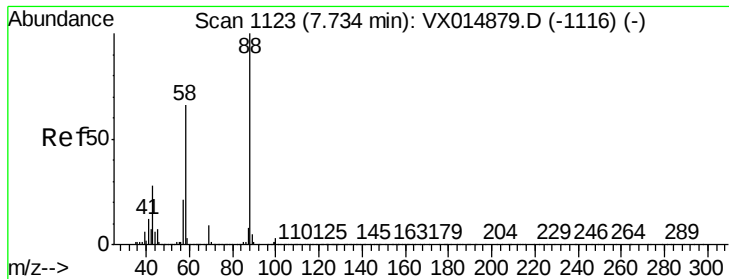
Tot Ion: 83 Resp: 114336
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 20.211 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 41 Resp: 98652
Ion Ratio Lower Upper
41 100
69 80.1 65.7 98.5
39 55.8 45.8 68.8

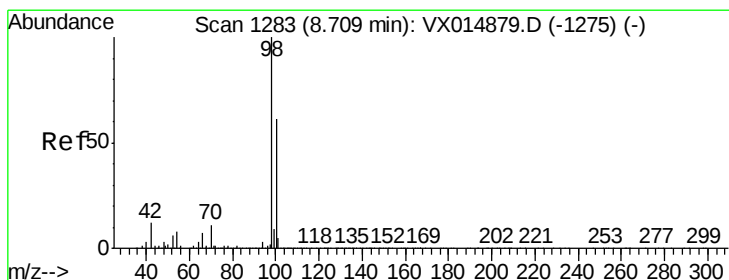
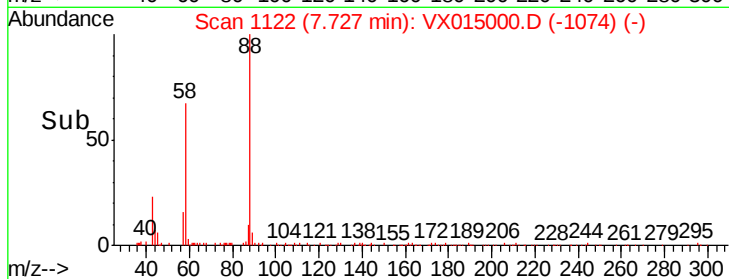
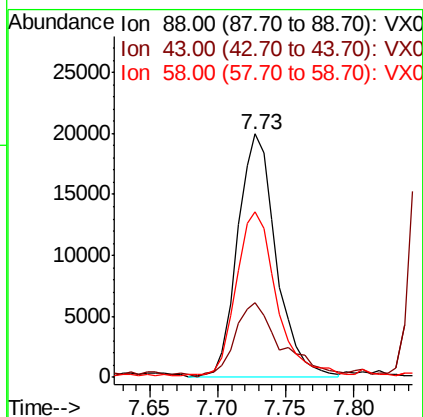
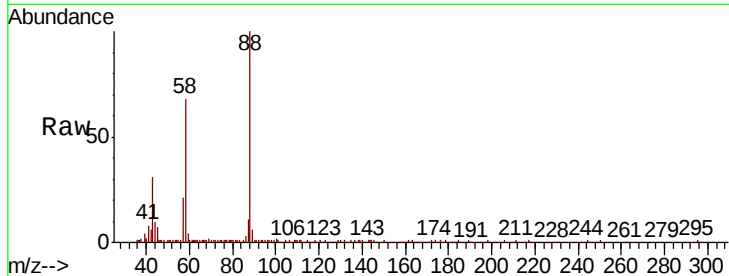




#49
1,4-Dioxane
Concen: 427.480 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

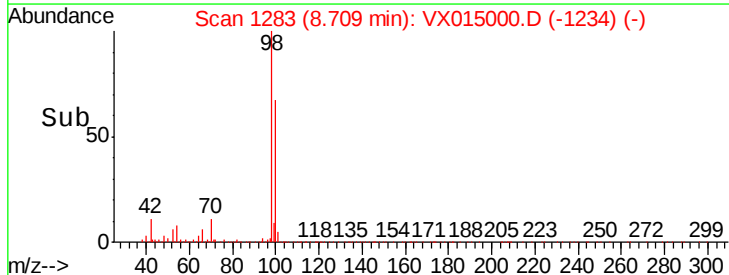
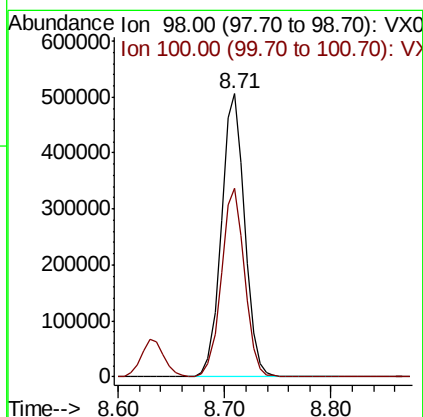
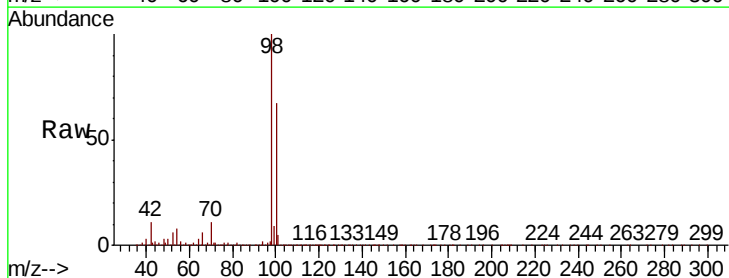
Instrument :
MSVOA_X
ClientSampleId :

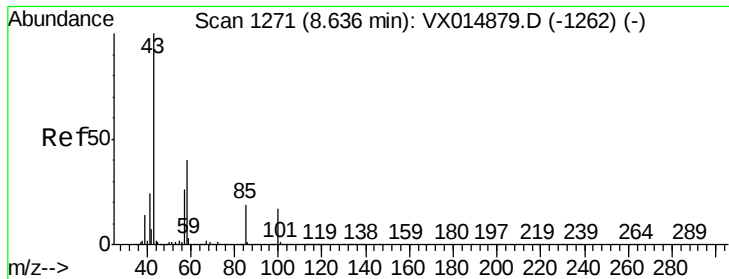
Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	27.0	40.4
58	70.4	53.2	79.8



#50
Toluene-d8
Concen: 50.925 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 104.535 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

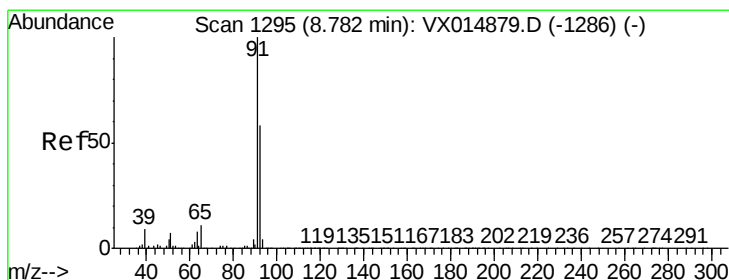
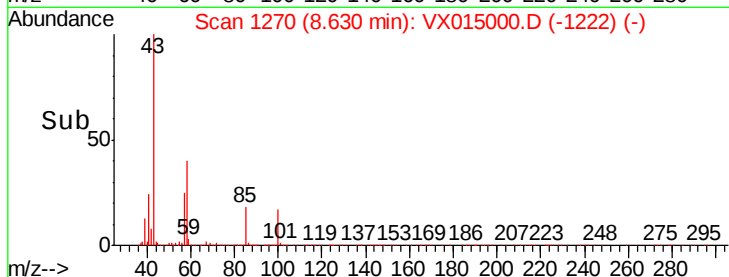
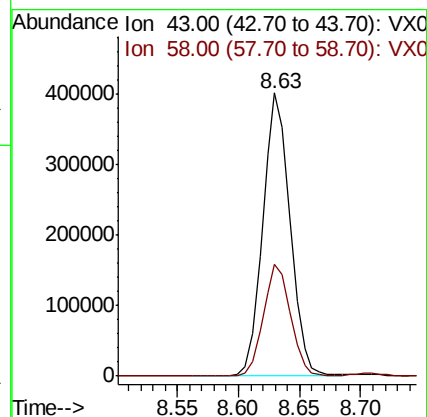
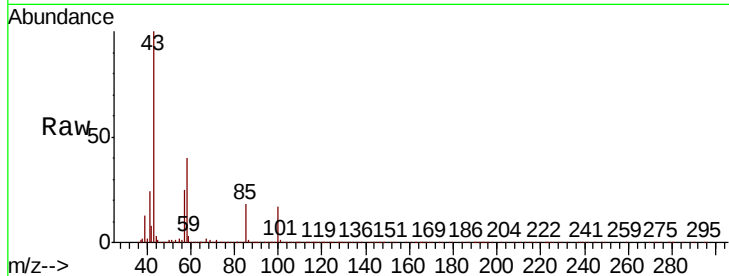
ClientSampleId :

Tot Ion: 43 Resp: 626056

Ion Ratio Lower Upper

43 100

58 39.2 31.9 47.9



#52

Toluene

Concen: 19.602 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015000.D

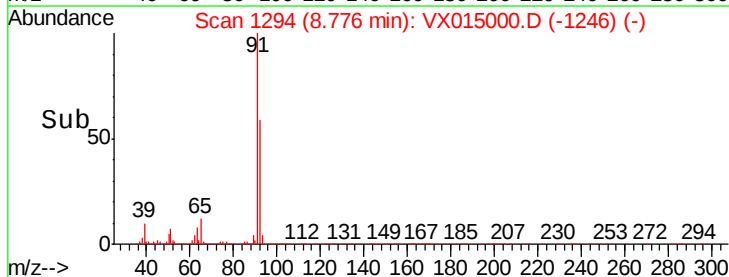
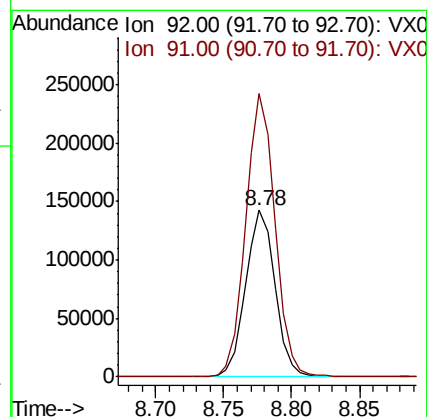
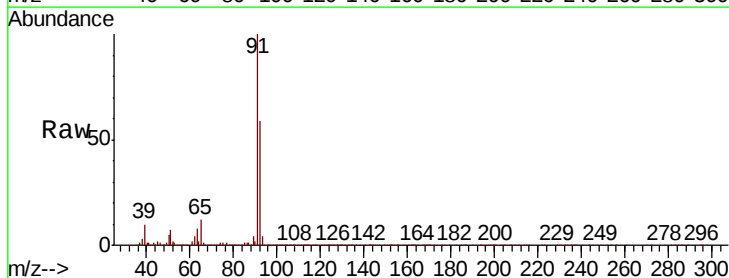
Acq: 24 Feb 2020 11:01

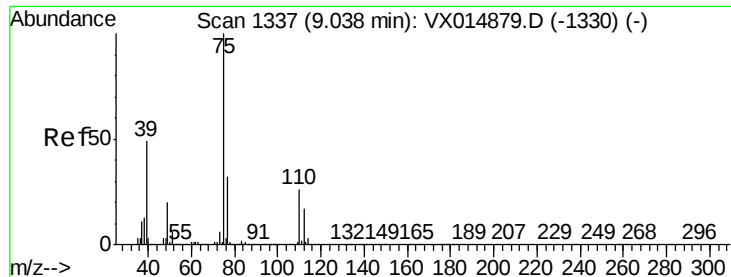
Tgt Ion: 92 Resp: 214436

Ion Ratio Lower Upper

92 100

91 170.5 137.0 205.4

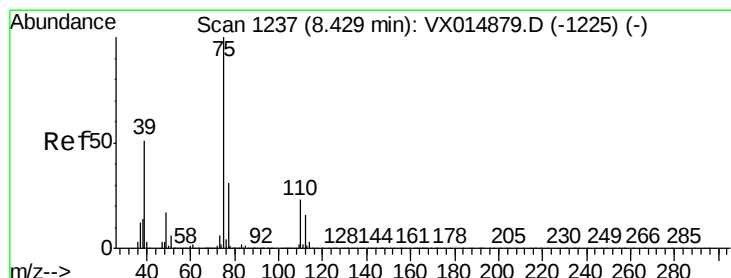
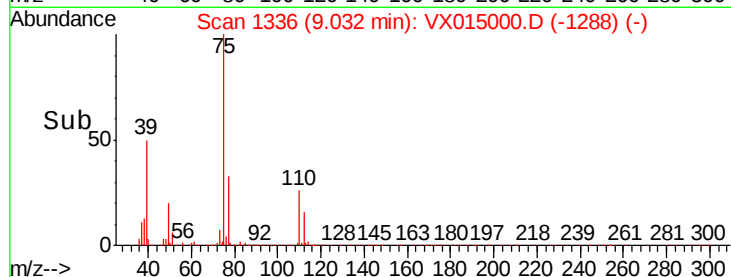
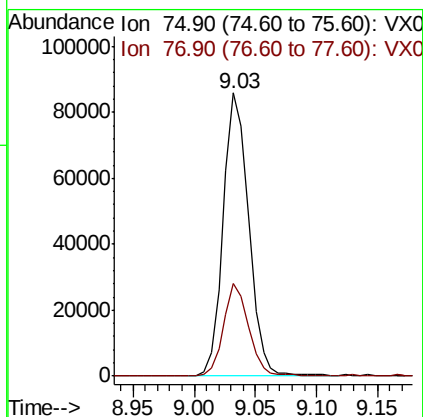
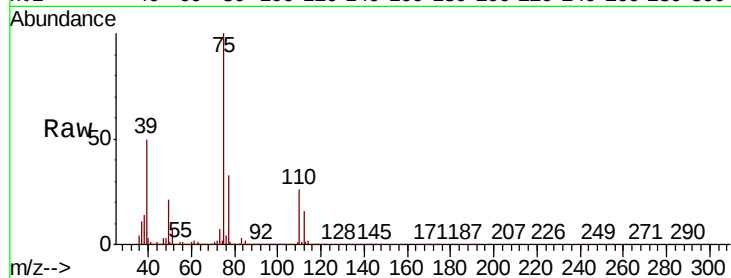




#53
t-1,3-Dichloropropene
Concen: 19.026 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

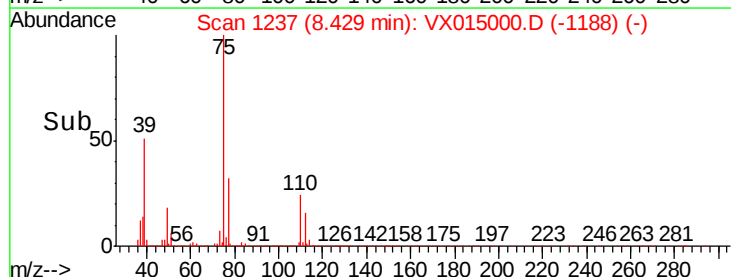
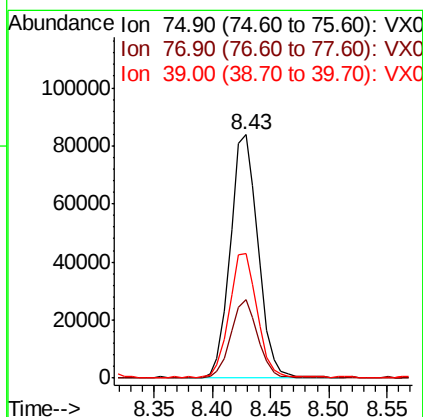
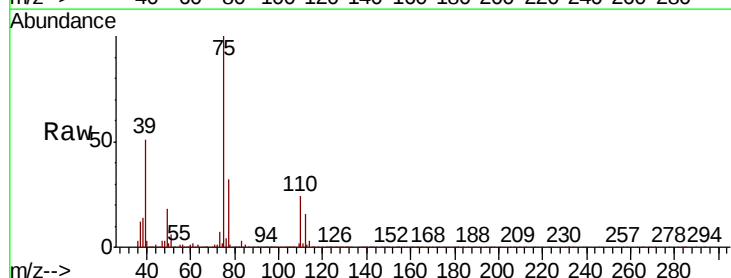
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 124136
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.326 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion: 75 Resp: 139302
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 50.6 40.9 61.3

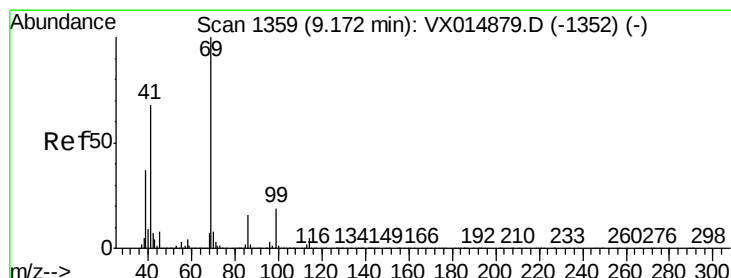
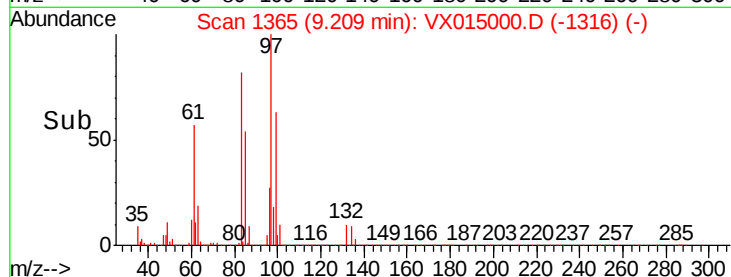
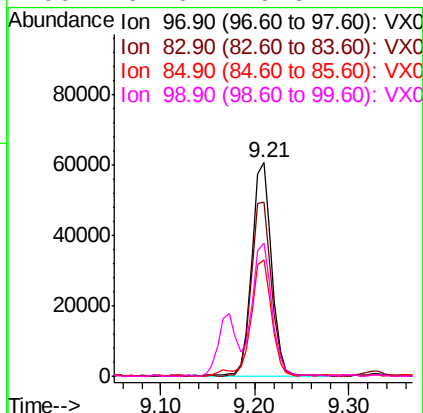
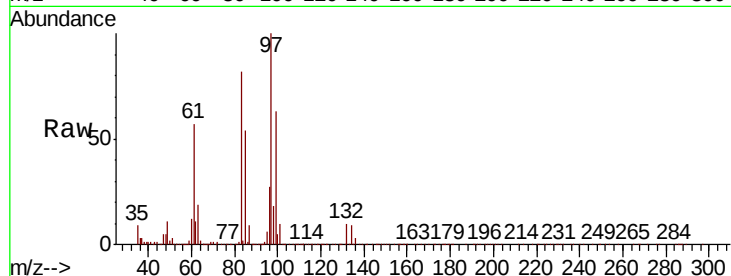




#55
 1,1,2-Trichloroethane
 Concen: 20.107 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

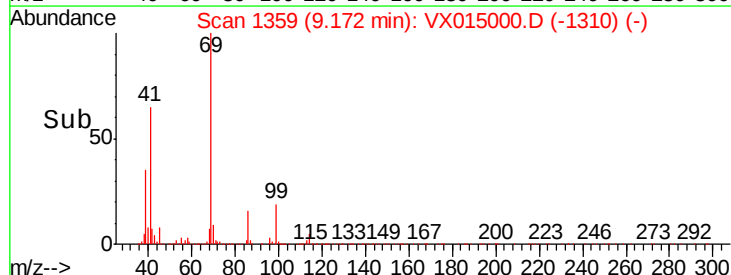
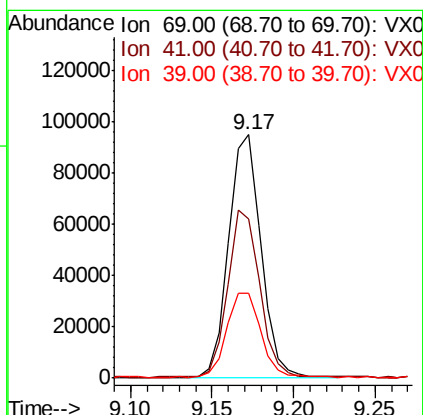
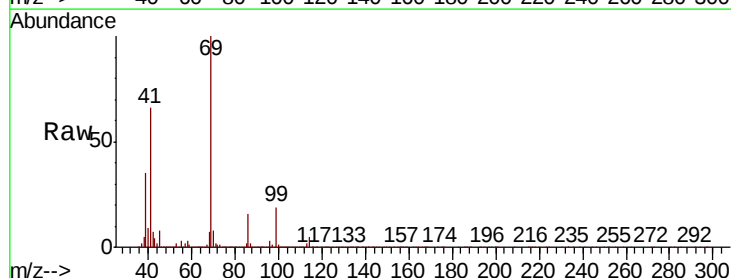
Instrument :
 MSVOA_X
 ClientSampleId :

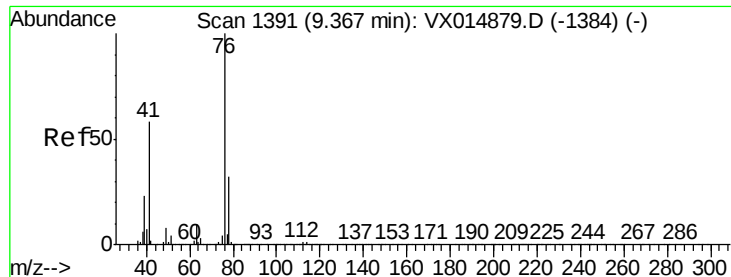
Tot Ion:	97	Resp:	88992
Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.6	99.8
85	54.1	43.5	65.3
99	62.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.808 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

Tgt Ion:	69	Resp:	131778
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.8	82.2
39	36.7	29.9	44.9





#57

1,3-Dichloropropane

Concen: 19.753 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

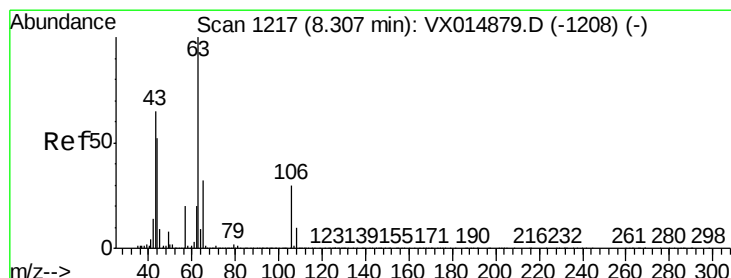
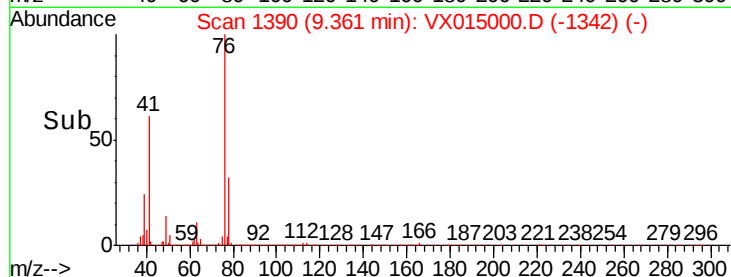
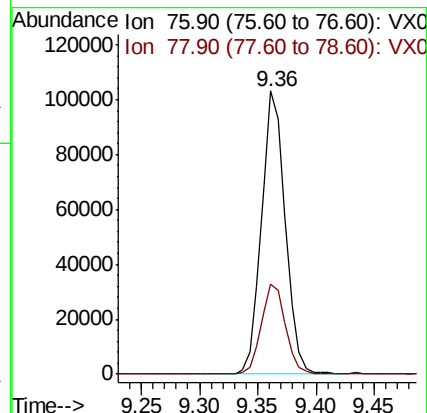
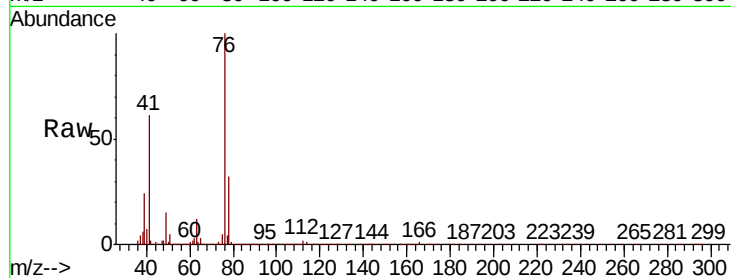
ClientSampleId :

Tot Ion: 76 Resp: 147166

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.239 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015000.D

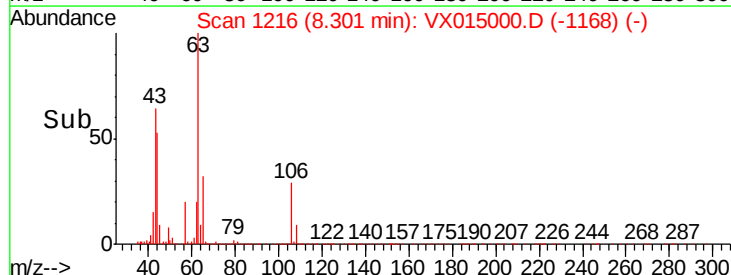
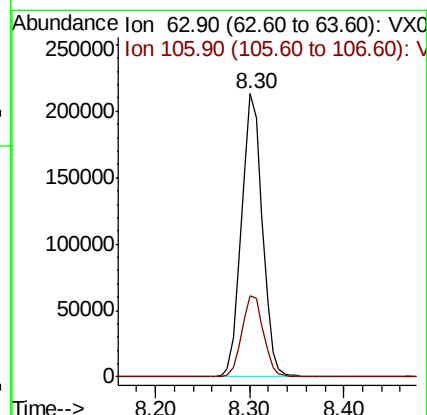
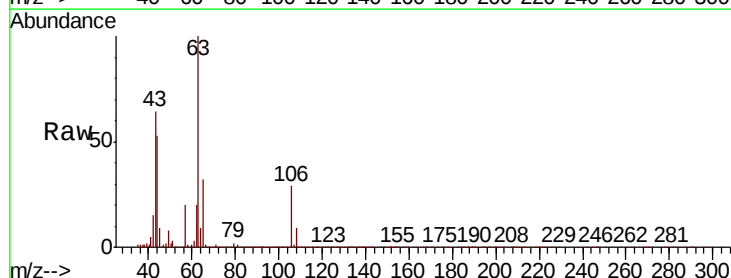
Acq: 24 Feb 2020 11:01

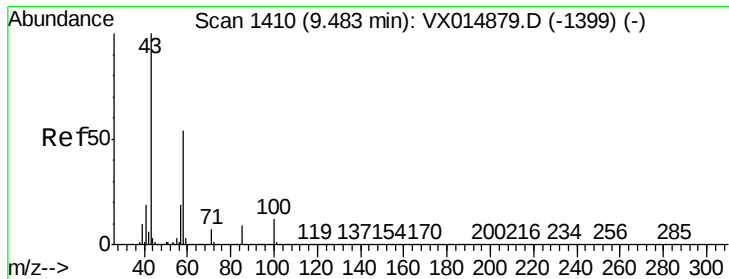
Tgt Ion: 63 Resp: 327876

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8

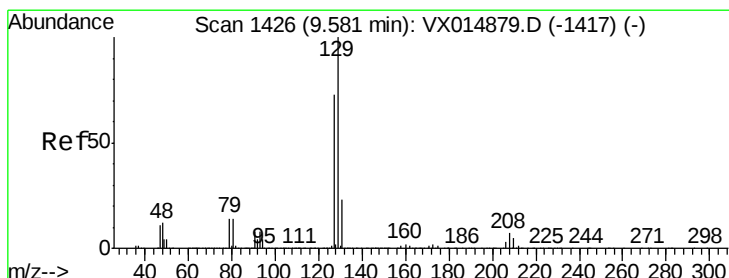
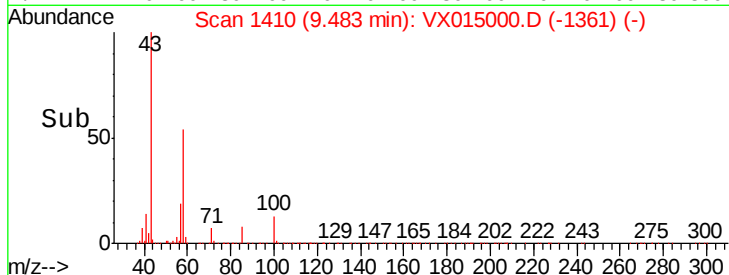
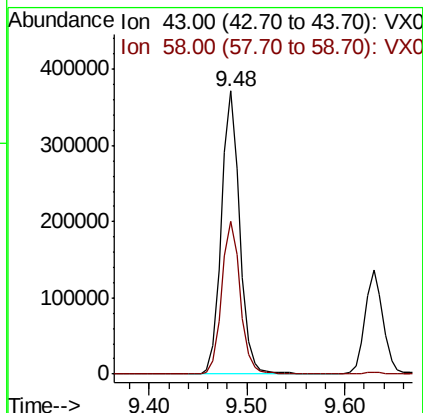
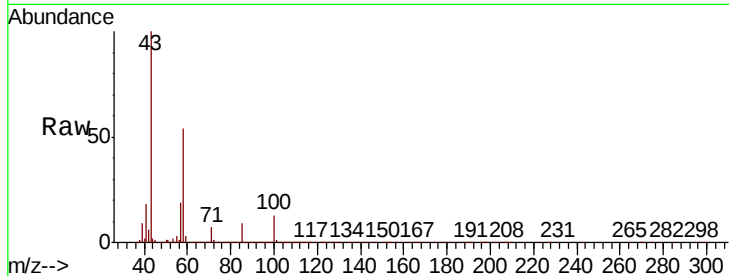




#59
2-Hexanone
Concen: 102.350 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

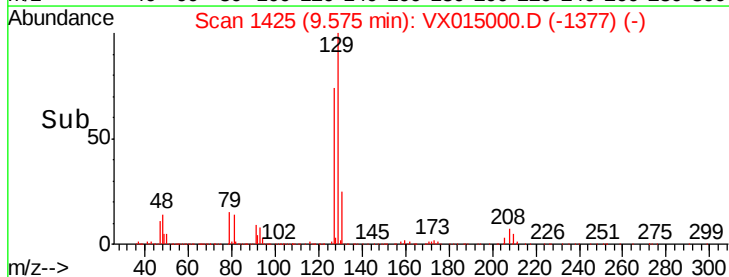
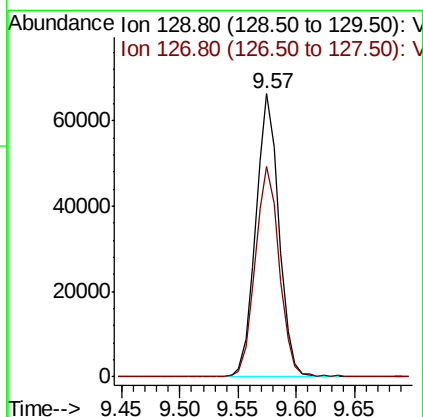
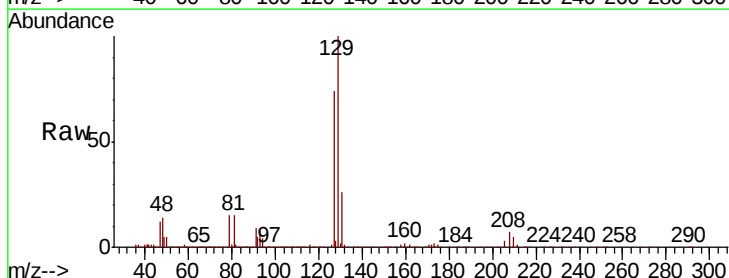
Instrument :
MSVOA_X
ClientSampleId :

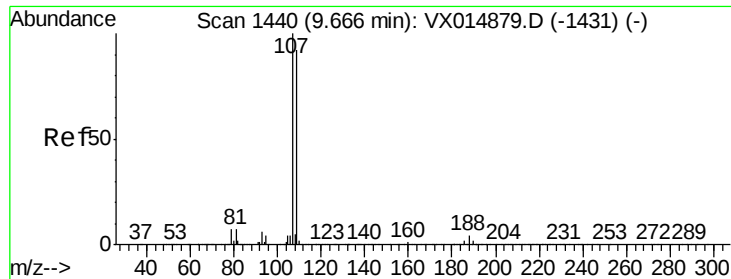
Tot Ion: 43 Resp: 481802
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.5



#60
Dibromochloromethane
Concen: 19.341 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion:129 Resp: 92121
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.387 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

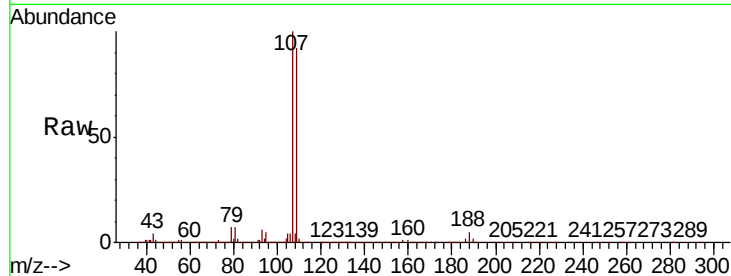
ClientSampleId :

Tot Ion:107 Resp: 92585

Ion Ratio Lower Upper

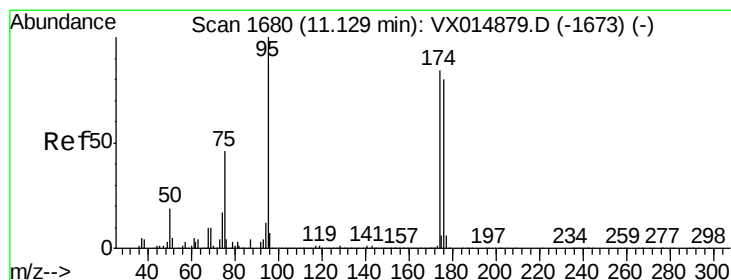
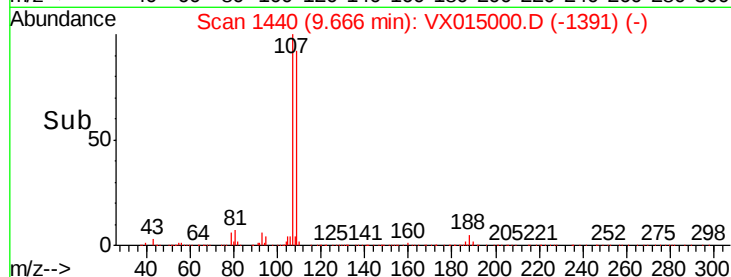
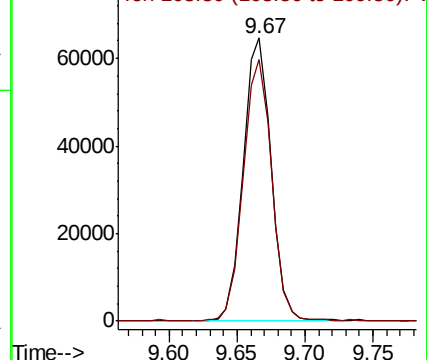
107 100

109 93.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.791 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

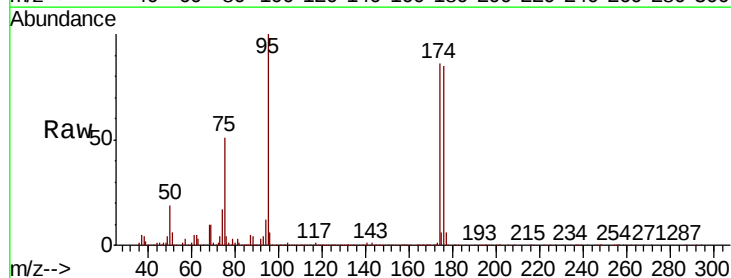
Tgt Ion: 95 Resp: 276694

Ion Ratio Lower Upper

95 100

174 90.2 0.0 183.0

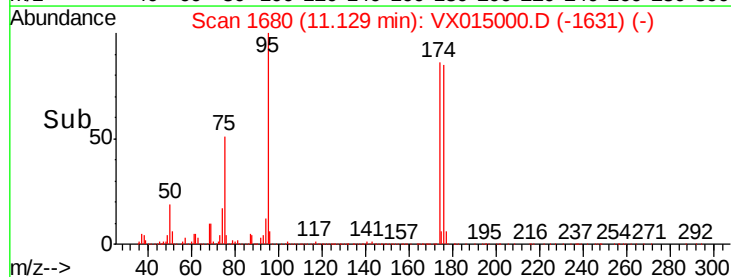
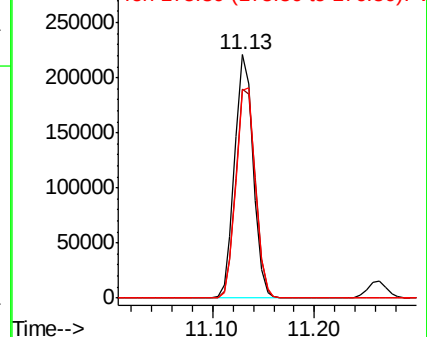
176 89.5 0.0 178.0

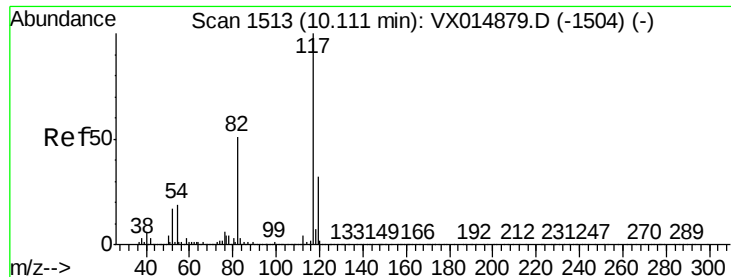


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

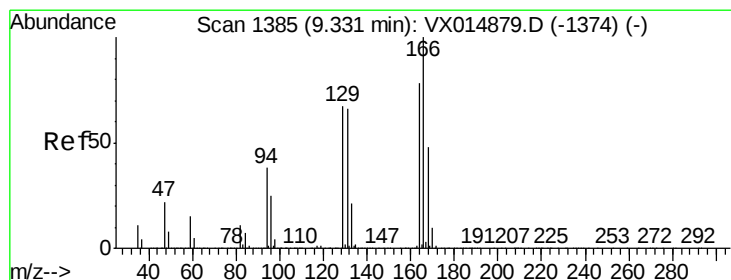
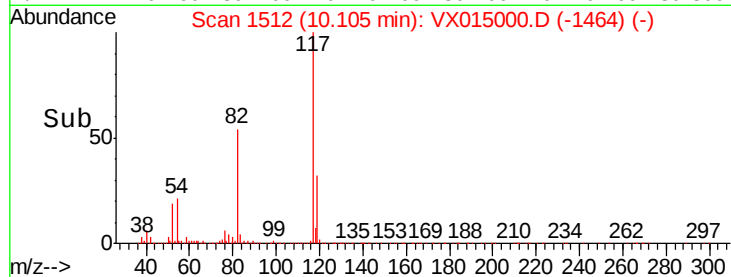
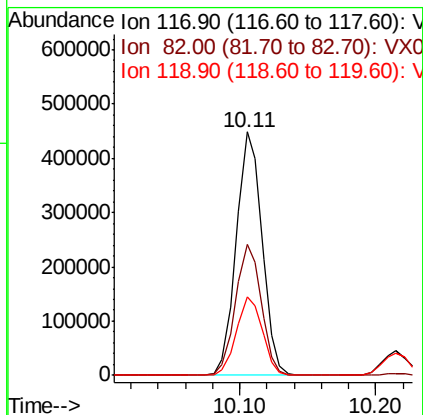
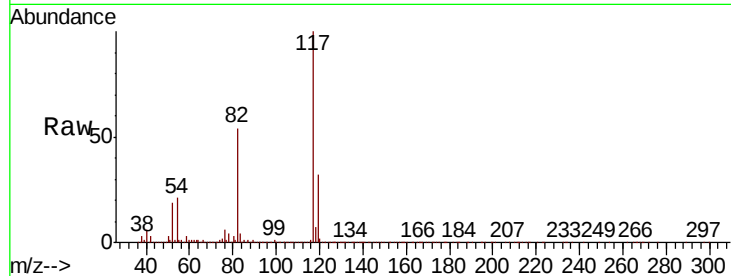




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

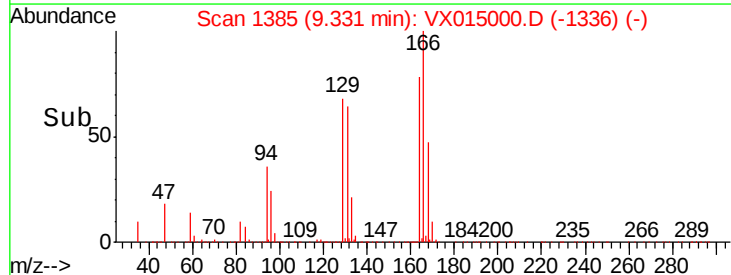
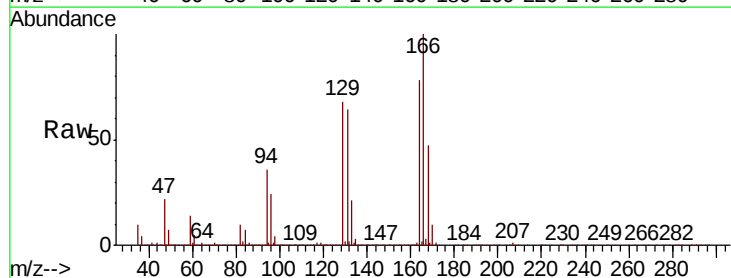
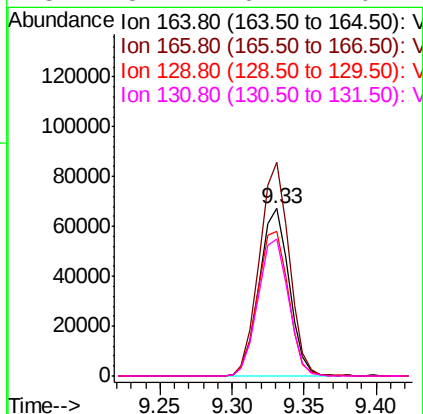
Instrument :
MSVOA_X
ClientSampleId :

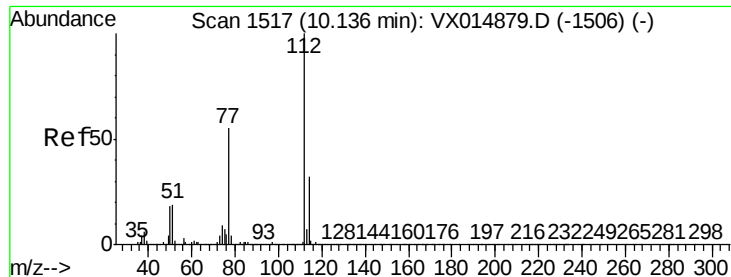
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.5	60.7
119	32.5	25.8	38.6



#64
Tetrachloroethene
Concen: 17.394 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	153.8
129	85.9	68.3	102.5
131	81.4	67.4	101.2

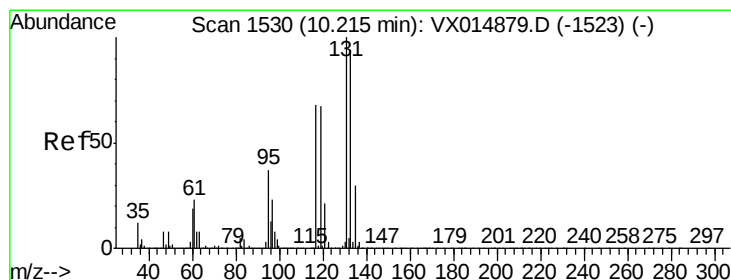
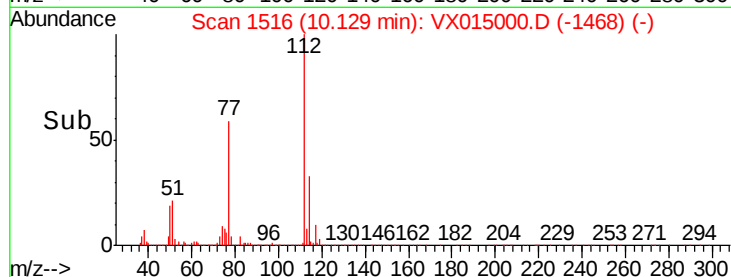
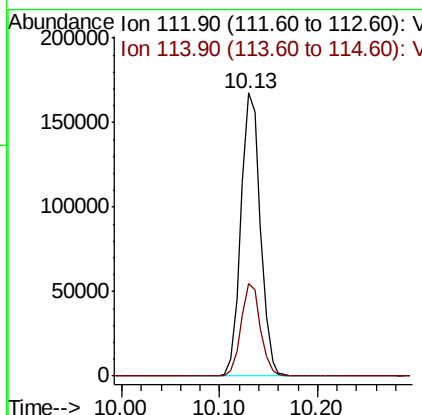
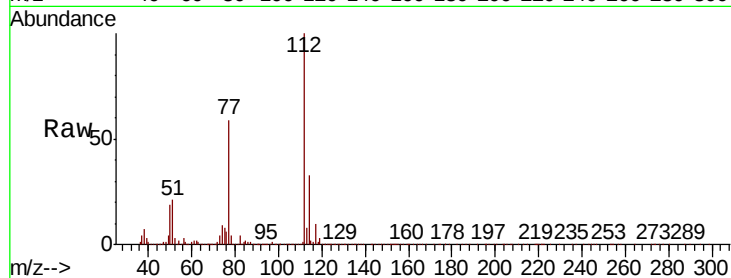




#65
Chlorobenzene
Concen: 19.245 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

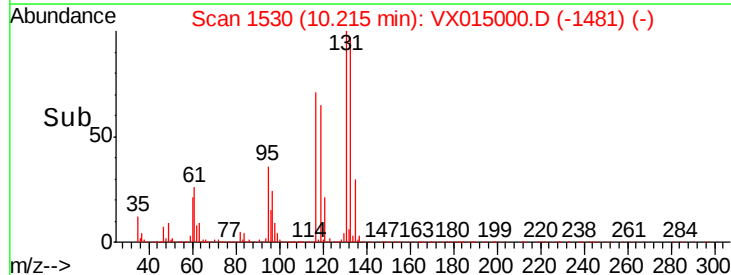
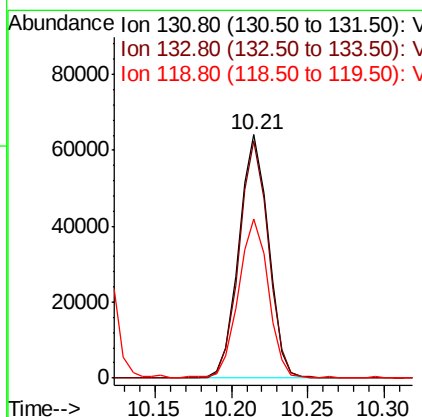
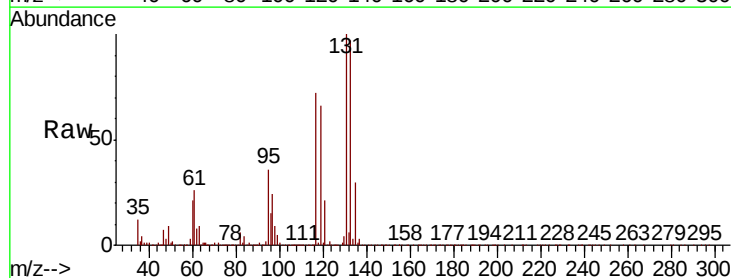
Instrument :
MSVOA_X
ClientSampleId :

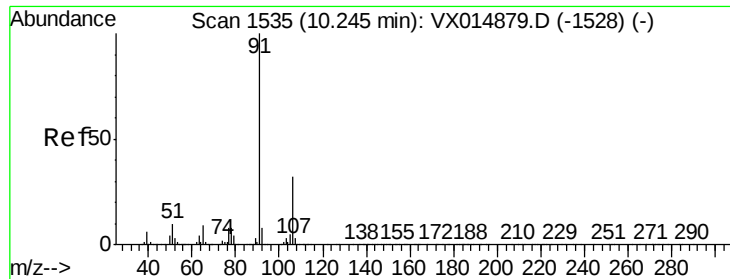
Tot Ion:112 Resp: 231510
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.699 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion:131 Resp: 86032
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 65.8 33.0 99.0





#67

Ethyl Benzene

Concen: 19.807 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

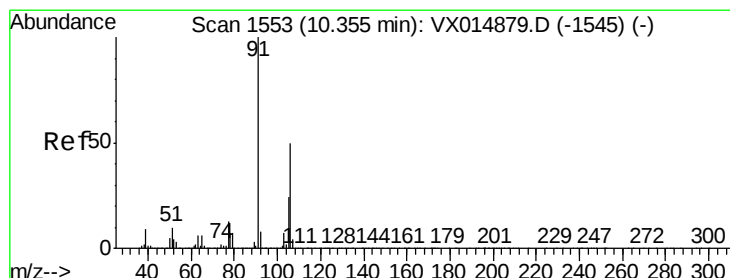
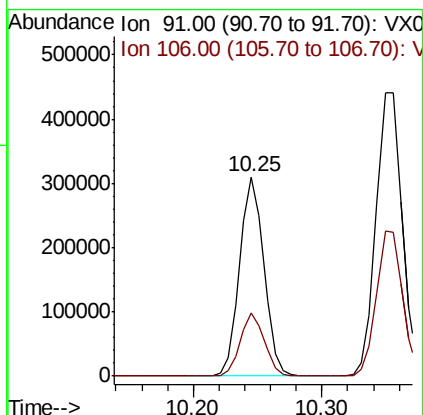
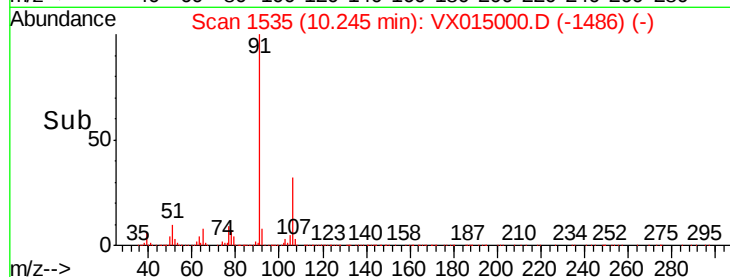
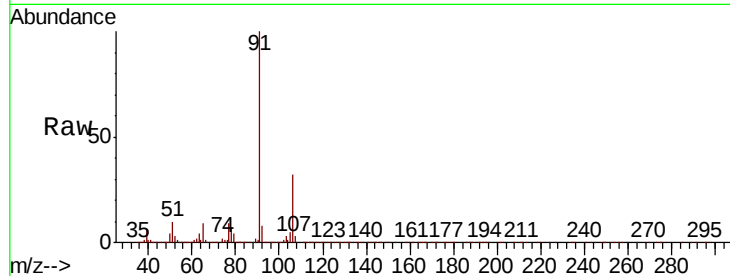
ClientSampleId :

Tot Ion: 91 Resp: 405214

Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9



#68

m/p-Xylenes

Concen: 39.891 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015000.D

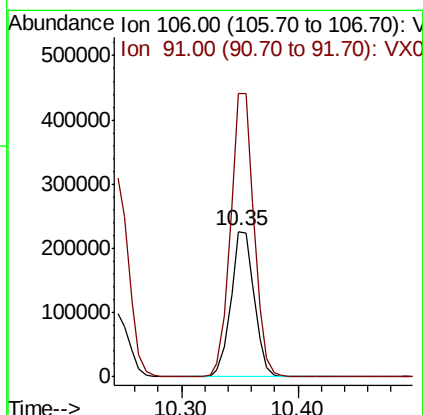
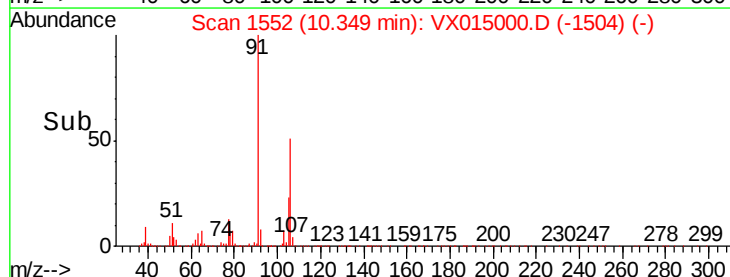
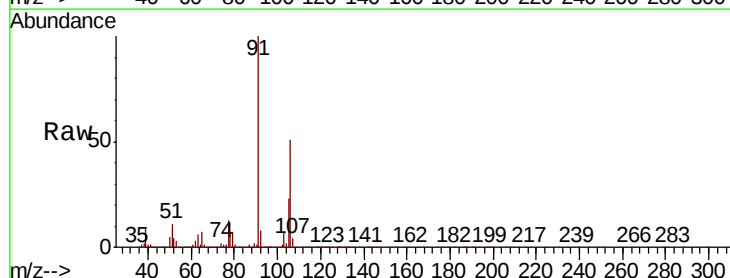
Acq: 24 Feb 2020 11:01

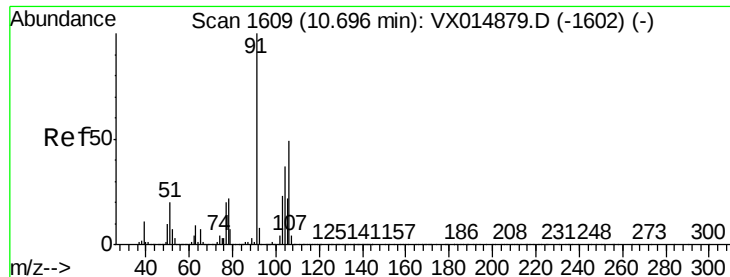
Tgt Ion: 106 Resp: 314393

Ion Ratio Lower Upper

106 100

91 196.0 160.6 240.8

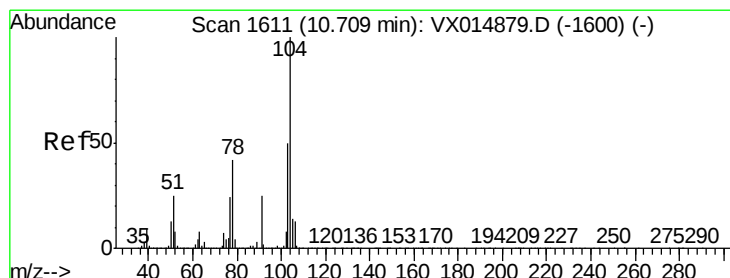
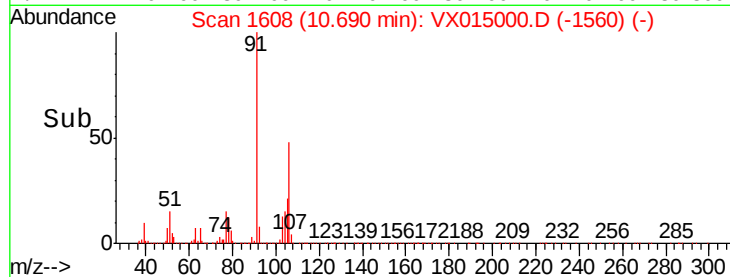
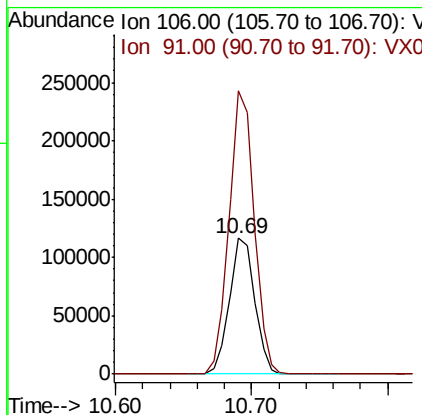
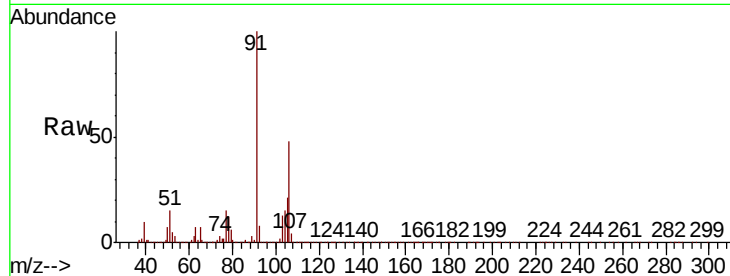




#69
o-Xylene
Concen: 19.937 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

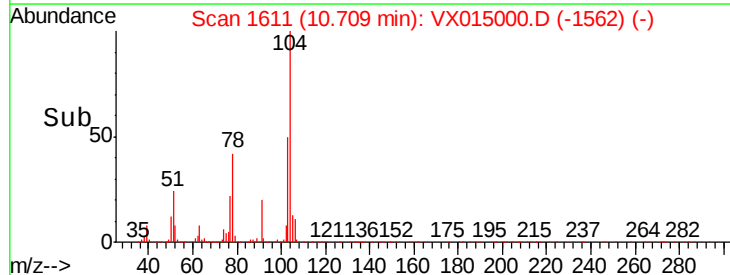
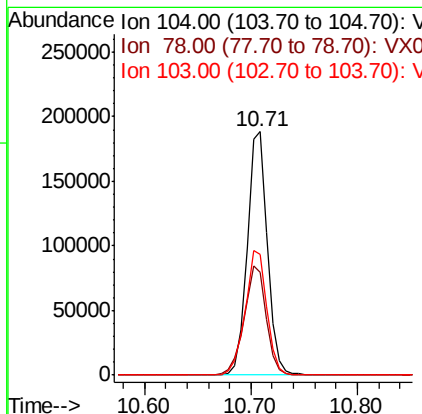
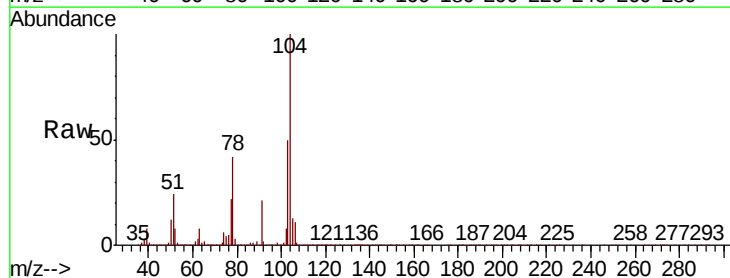
Instrument :
MSVOA_X
ClientSampled :

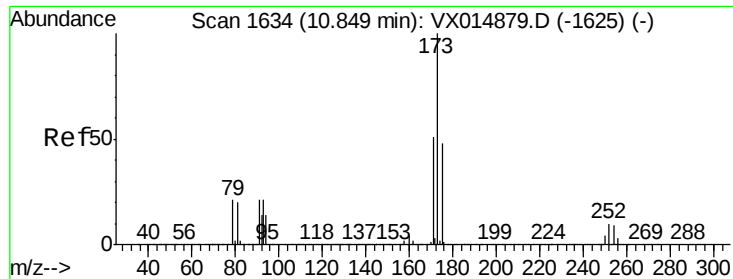
Tot Ion:106 Resp: 151047
Ion Ratio Lower Upper
106 100
91 206.8 105.1 315.3



#70
Styrene
Concen: 19.570 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion:104 Resp: 250825
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 55.2 43.4 65.0





#71

Bromoform

Concen: 19.631 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

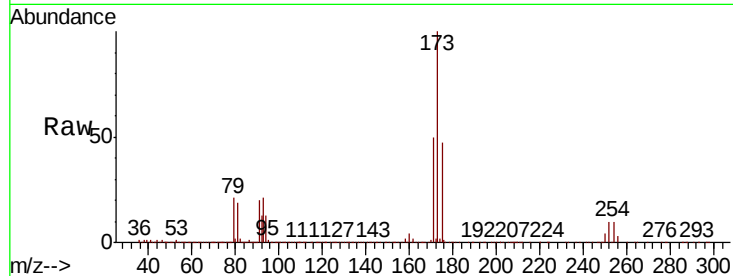
Tot Ion:173 Resp: 71561

Ion Ratio Lower Upper

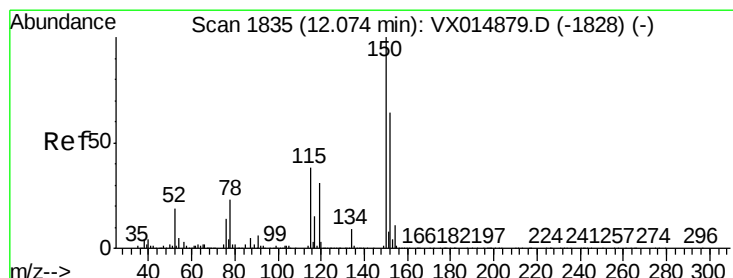
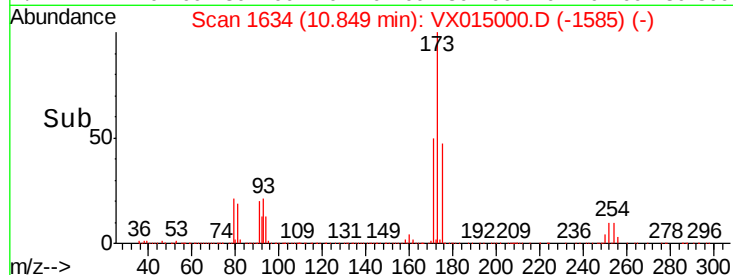
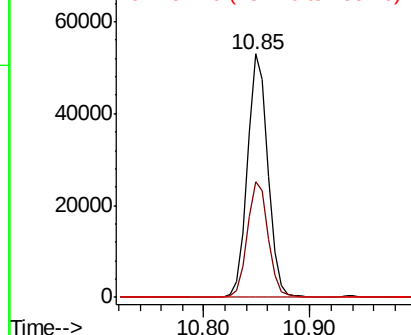
173 100

175 48.6 24.2 72.6

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

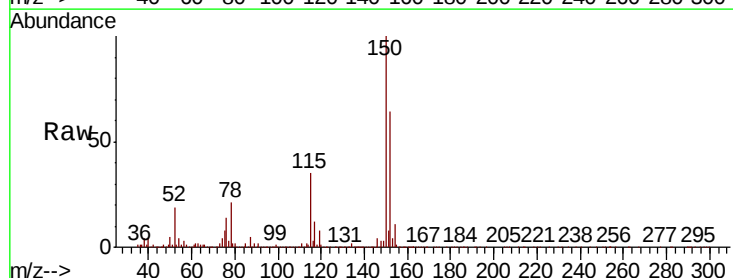
Tgt Ion:152 Resp: 310745

Ion Ratio Lower Upper

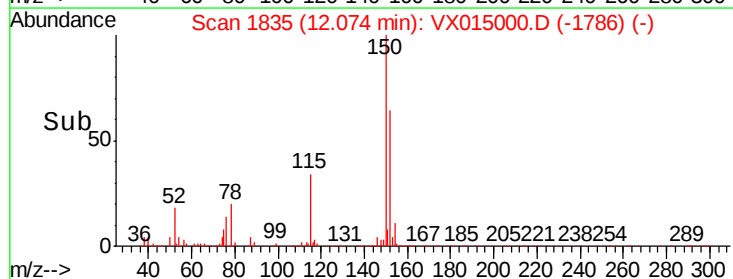
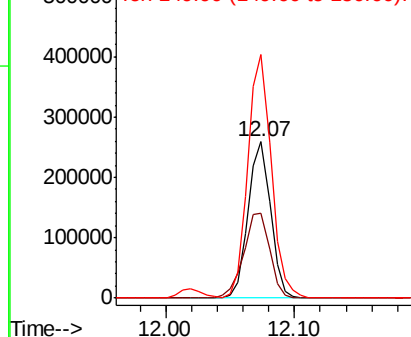
152 100

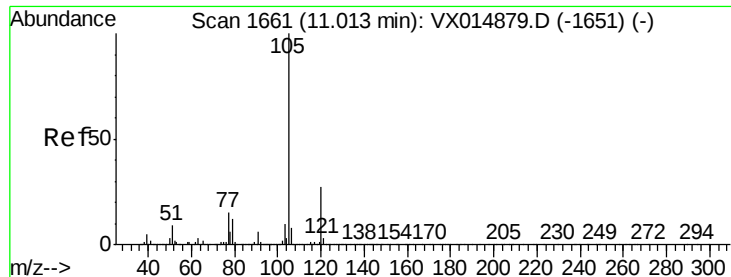
115 62.9 38.6 116.0

150 162.1 0.0 349.0



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





#73

Isopropylbenzene

Concen: 20.805 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

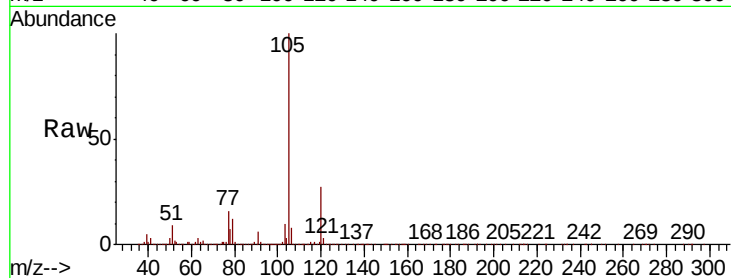
ClientSampleId :

Tot Ion:105 Resp: 405435

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

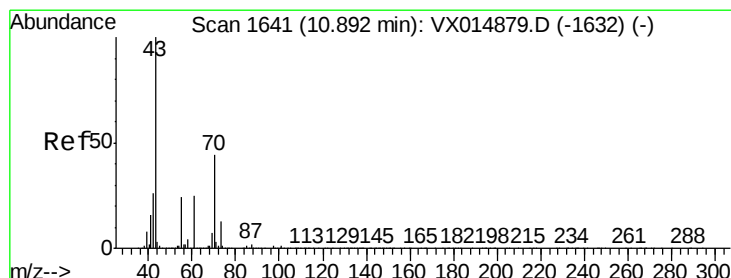
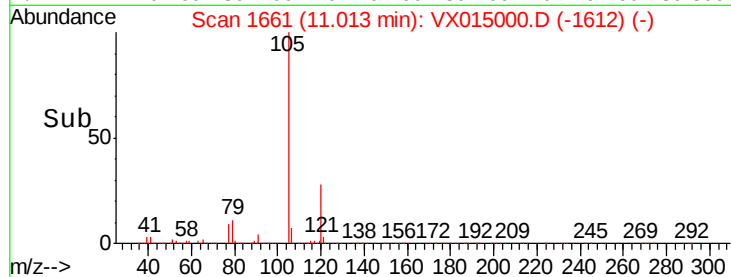
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.624 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Tgt Ion: 43 Resp: 166994

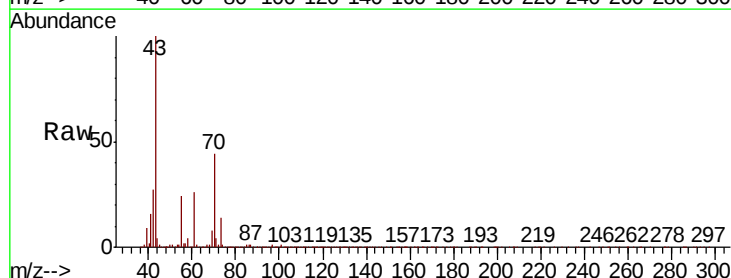
Ion Ratio Lower Upper

43 100

70 42.5 35.0 52.4

55 25.8 19.4 29.2

61 24.4 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

200000

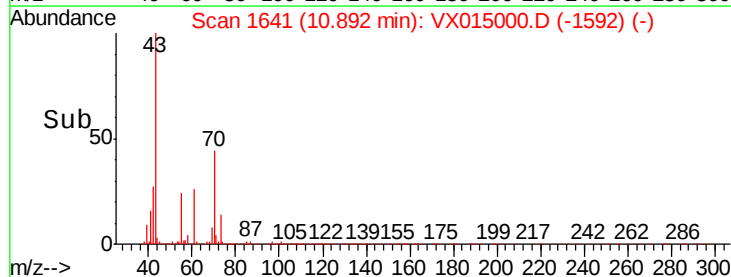
150000

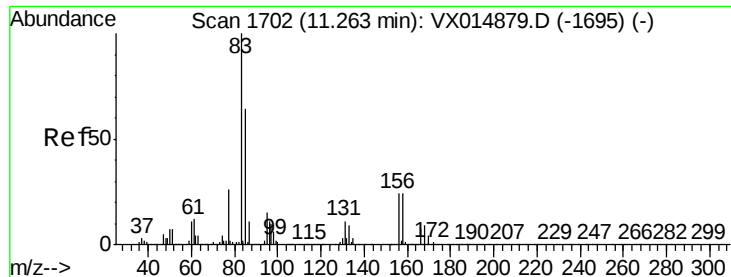
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.570 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

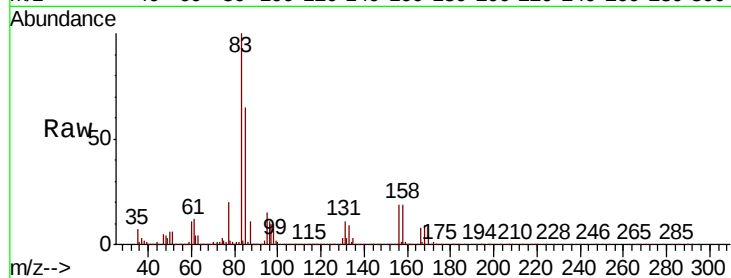
Tot Ion: 83 Resp: 131034

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

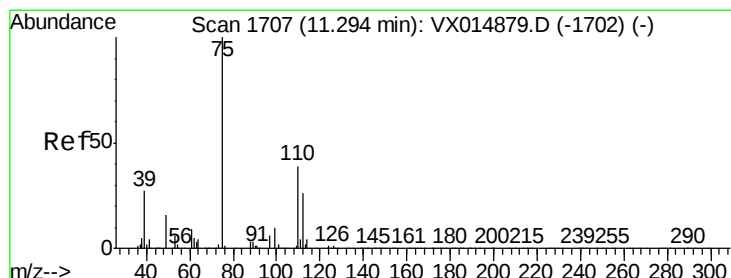
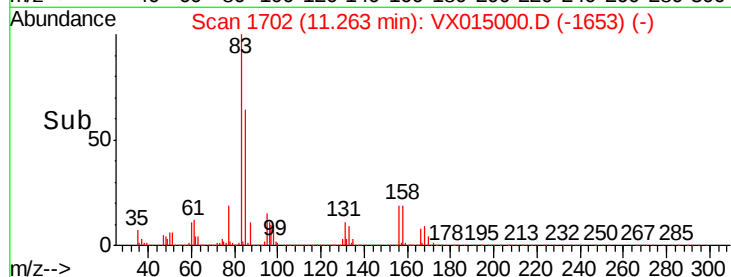
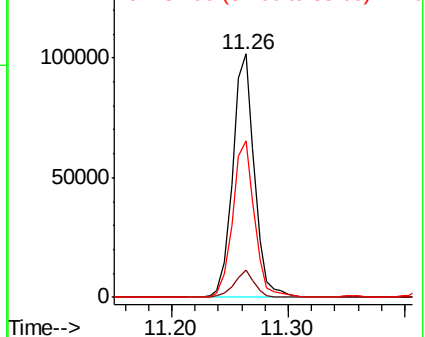
85 64.5 32.6 97.7



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: 26.473 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015000.D

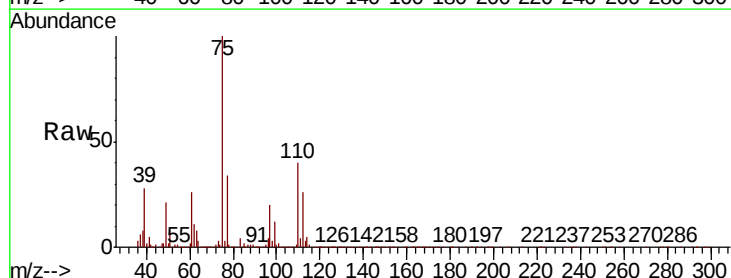
Acq: 24 Feb 2020 11:01

Tgt Ion: 75 Resp: 148760

Ion Ratio Lower Upper

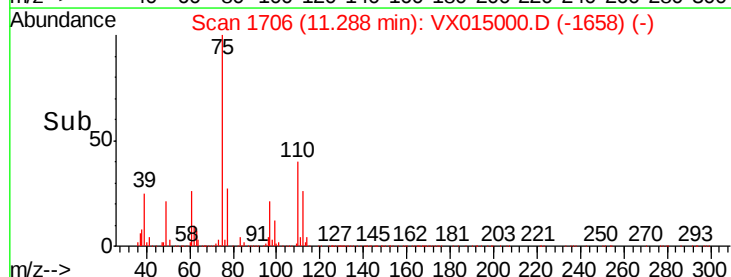
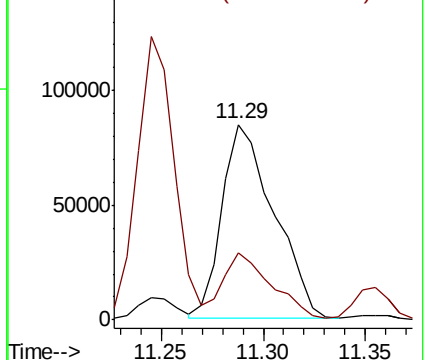
75 100

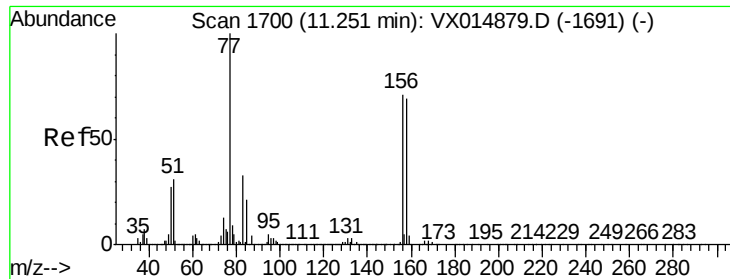
77 32.6 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.253 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

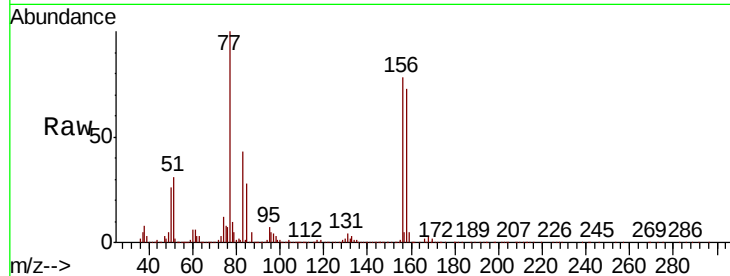
Tot Ion:156 Resp: 110158

Ion Ratio Lower Upper

156 100

77 140.7 74.0 222.0

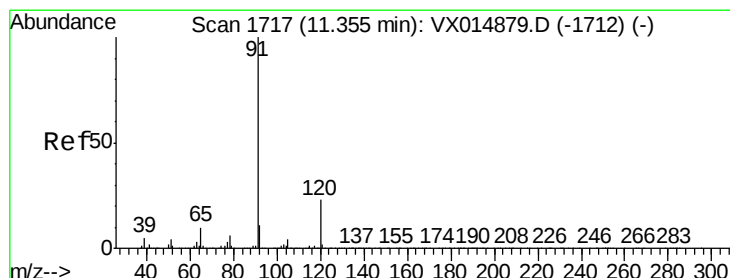
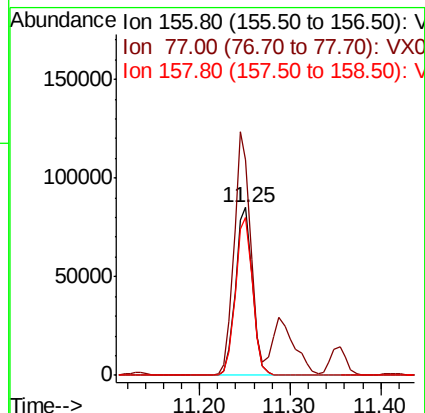
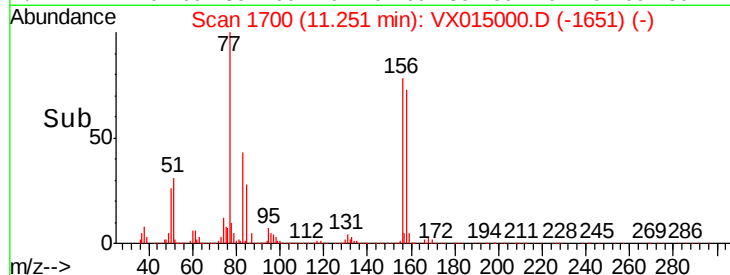
158 94.7 48.9 146.6



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: 20.070 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015000.D

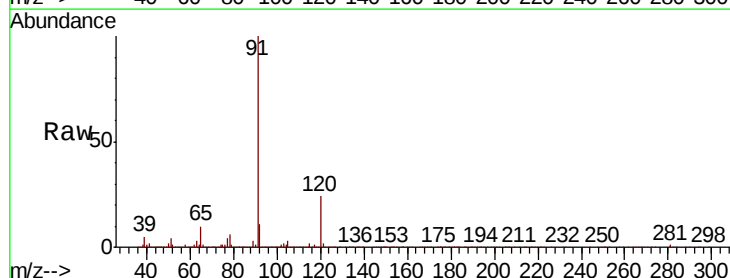
Acq: 24 Feb 2020 11:01

Tgt Ion: 91 Resp: 452360

Ion Ratio Lower Upper

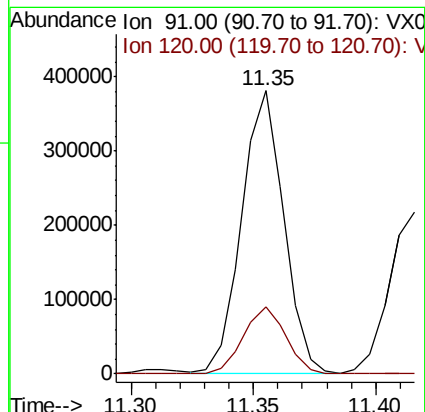
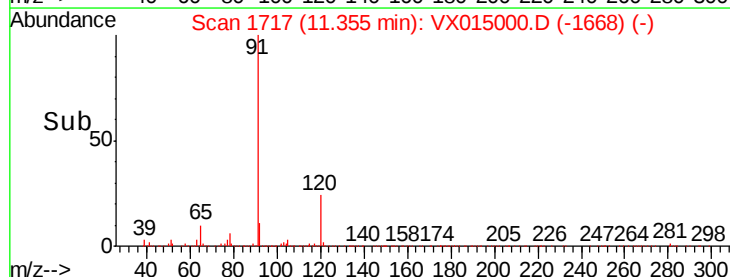
91 100

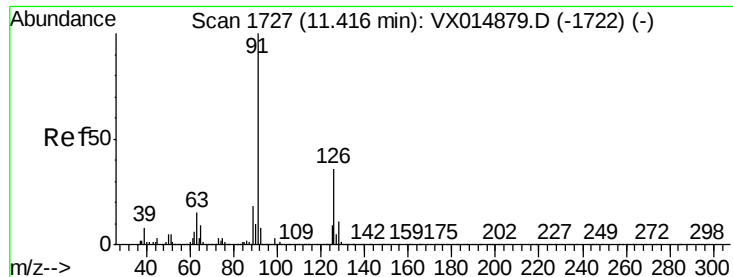
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.488 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

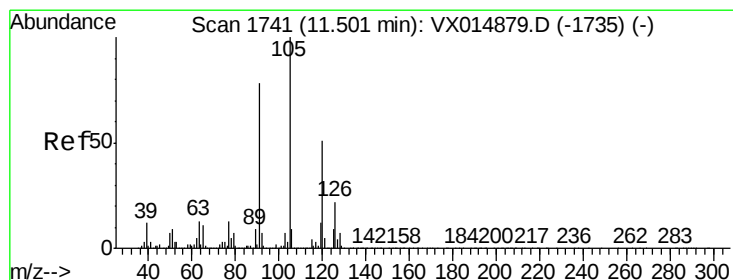
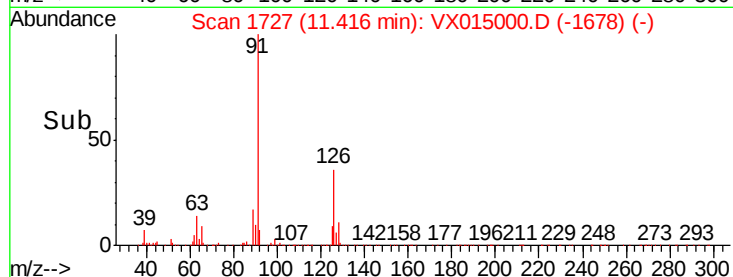
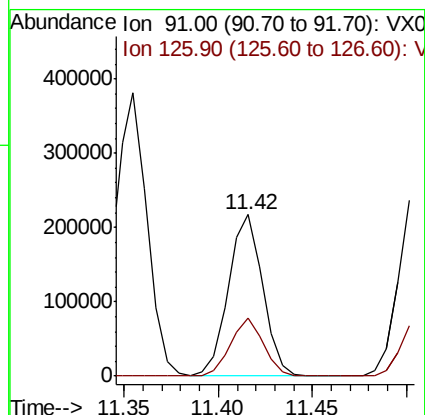
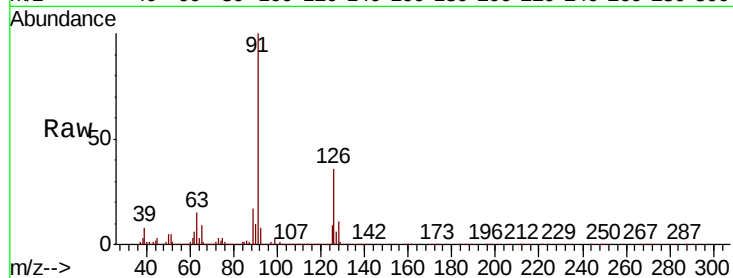
ClientSampled :

Tot Ion: 91 Resp: 271476

Ion Ratio Lower Upper

91 100

126 35.3 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.639 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015000.D

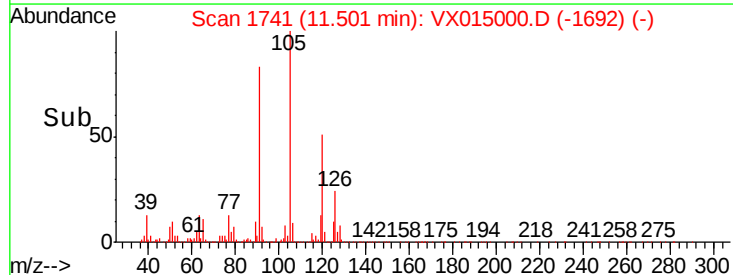
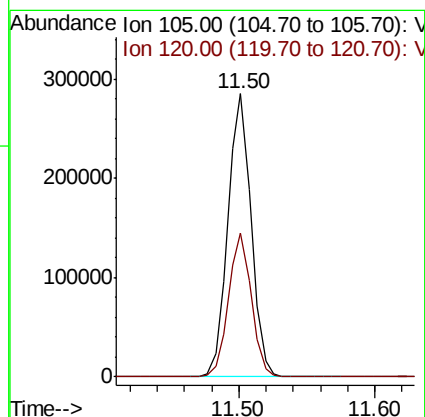
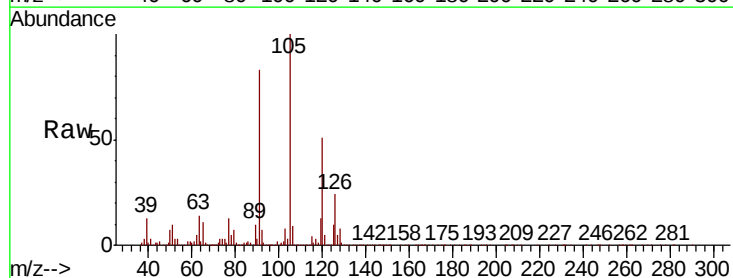
Acq: 24 Feb 2020 11:01

Tgt Ion:105 Resp: 336051

Ion Ratio Lower Upper

105 100

120 50.0 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.925 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

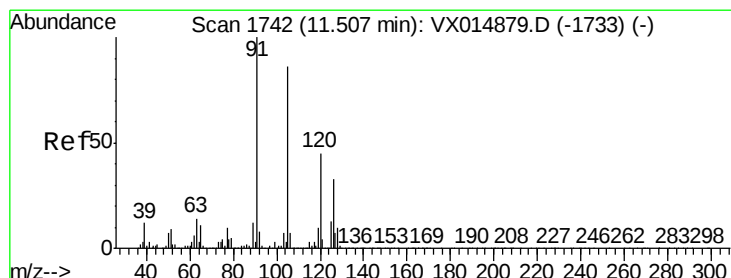
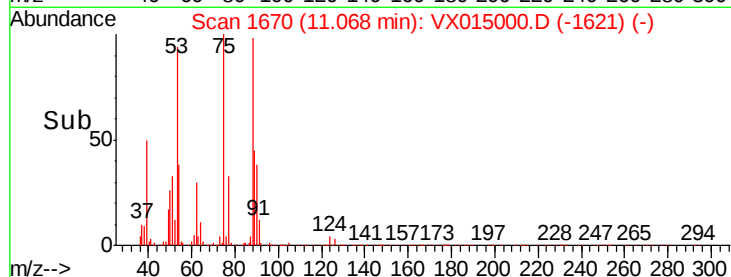
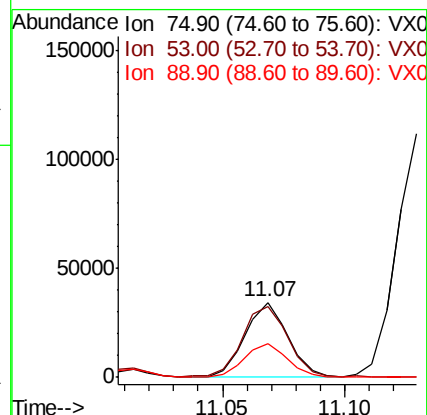
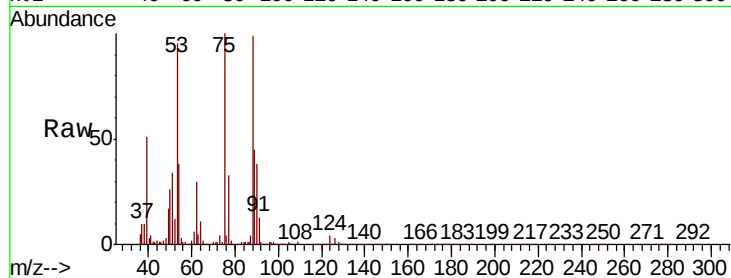
Tot Ion: 75 Resp: 41545

Ion Ratio Lower Upper

75 100

53 100.4 76.2 114.2

89 46.3 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.890 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015000.D

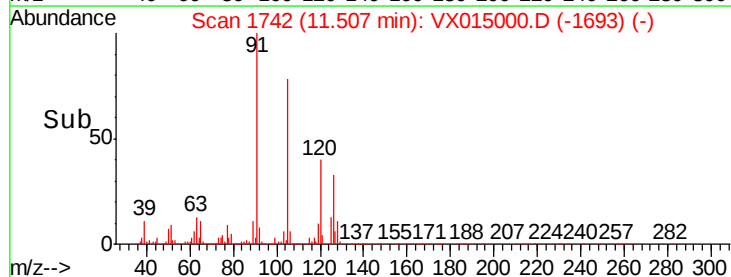
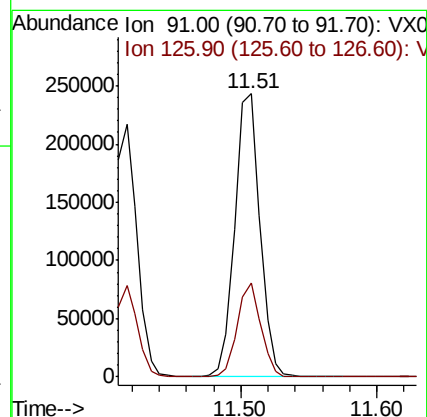
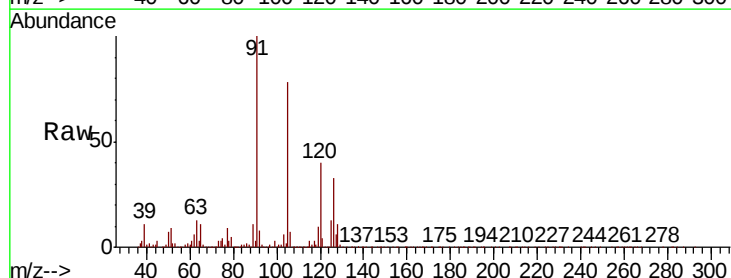
Acq: 24 Feb 2020 11:01

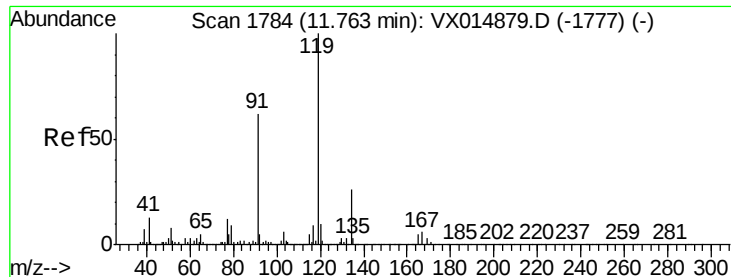
Tgt Ion: 91 Resp: 312110

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0

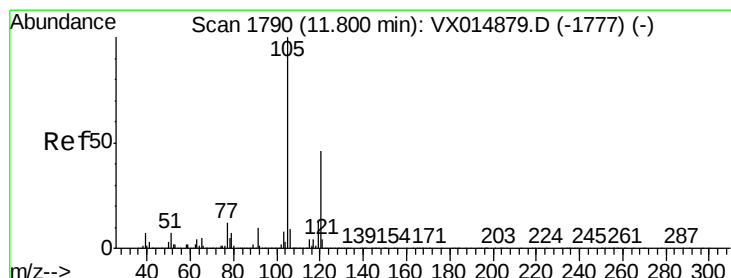
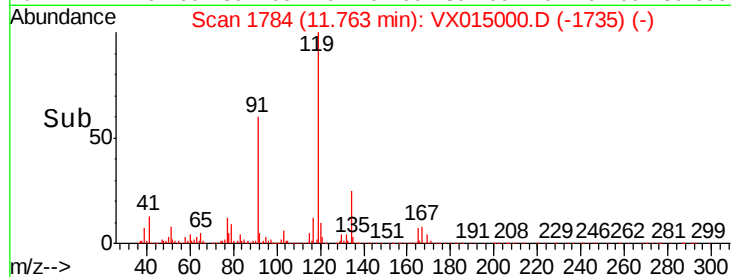
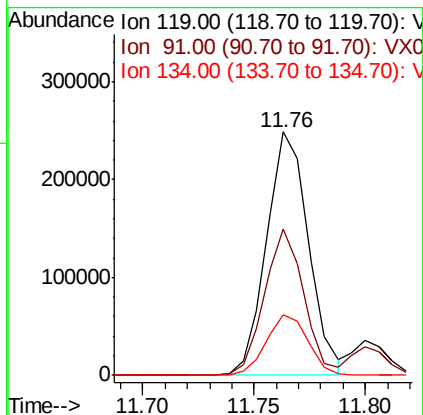
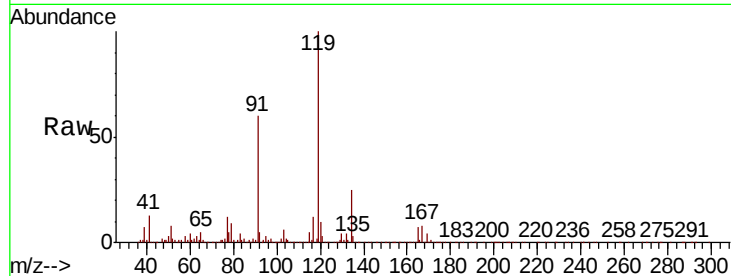




#83
 tert-Butylbenzene
 Concen: 21.108 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

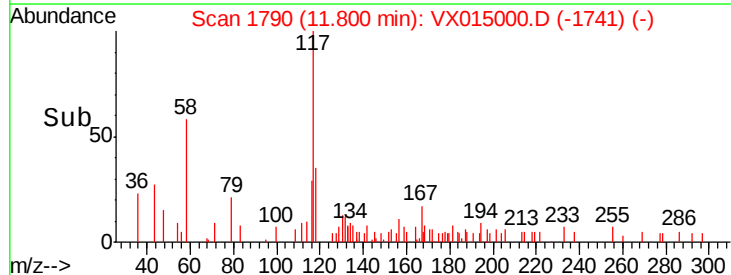
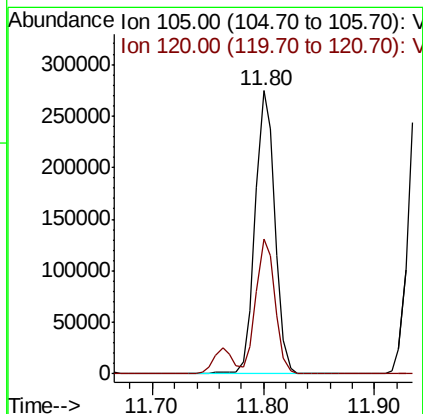
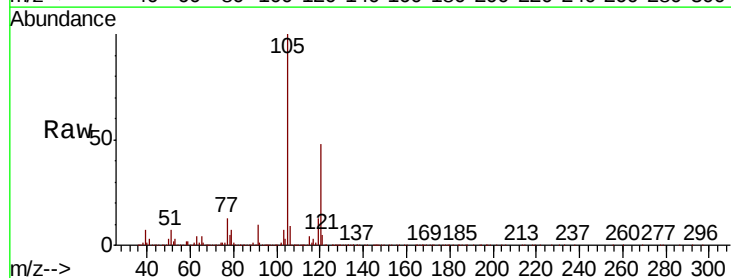
Instrument :
 MSVOA_X
 ClientSampleId :

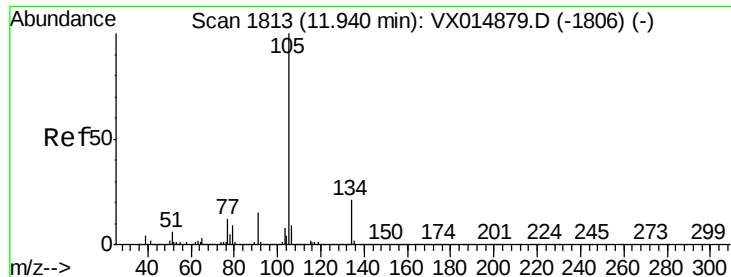
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	29.5	88.6
134	24.7	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.659 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 20.341 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

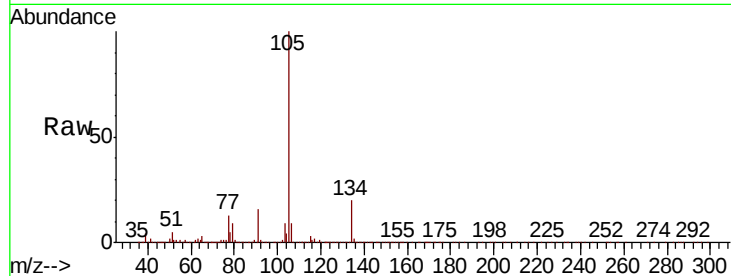
ClientSampleId :

Tot Ion:105 Resp: 389630

Ion Ratio Lower Upper

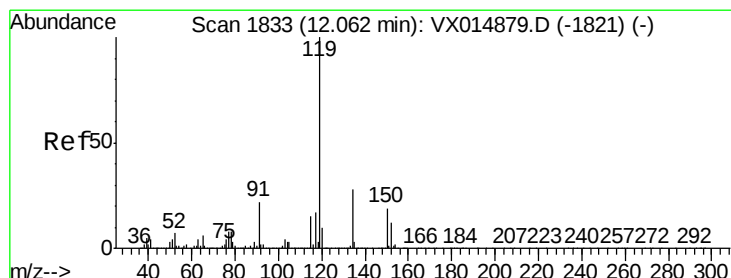
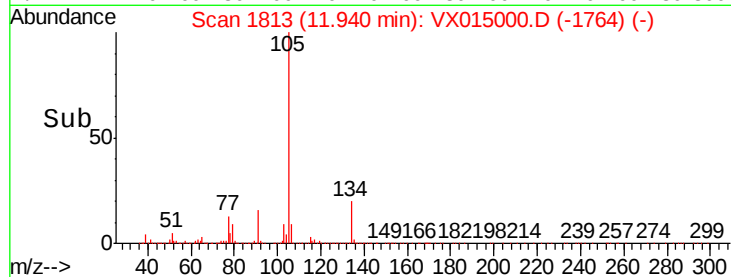
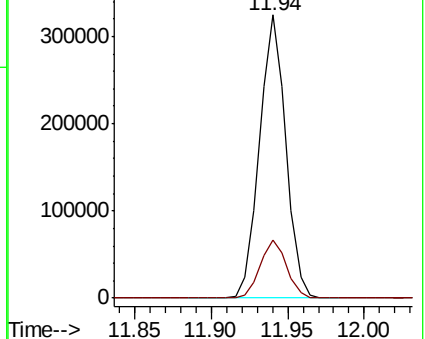
105 100

134 20.8 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: 20.284 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

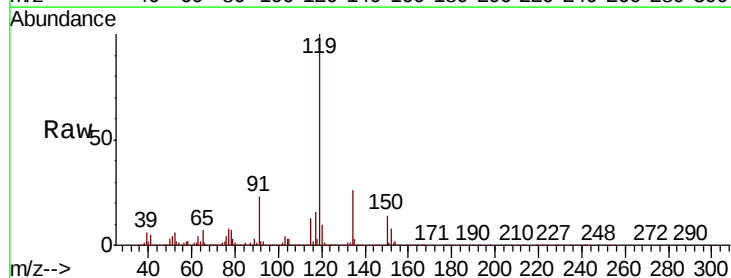
Tgt Ion:119 Resp: 363591

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

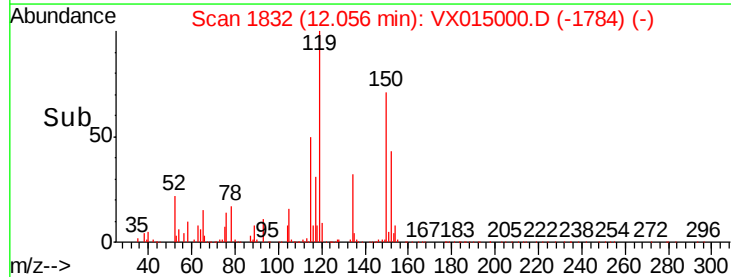
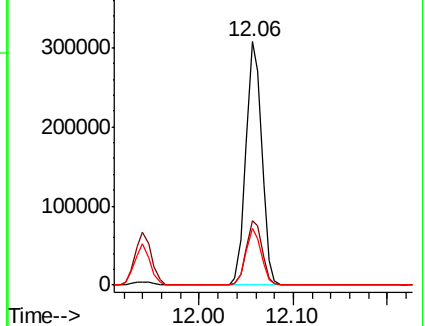
91 22.6 11.4 34.1

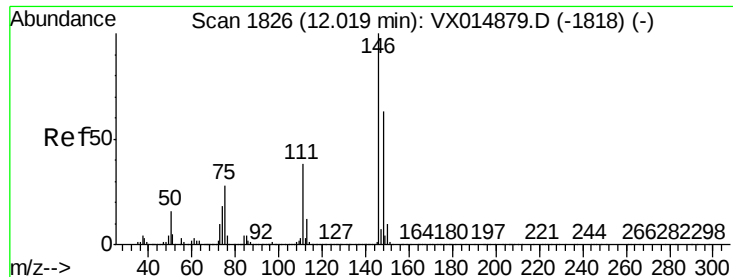


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.220 ug/l

RT: 12.02 min Scan# 1826

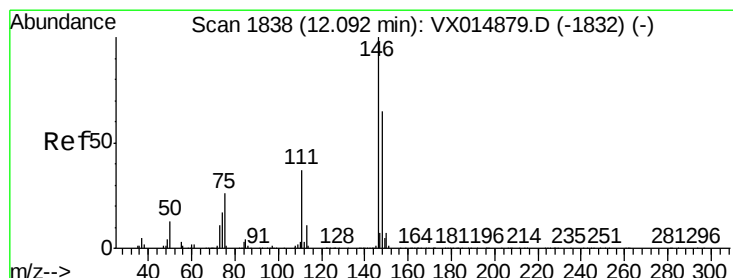
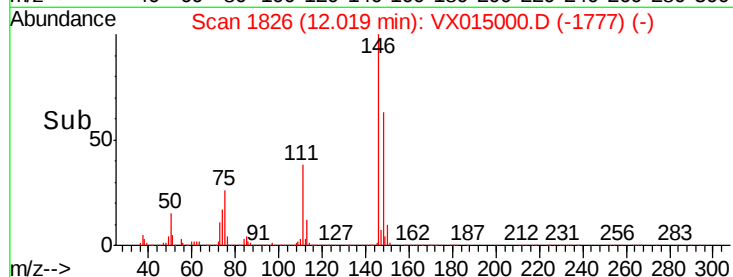
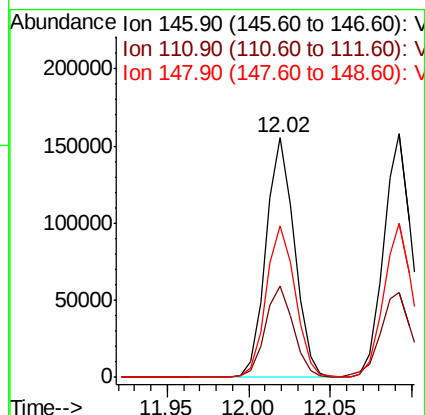
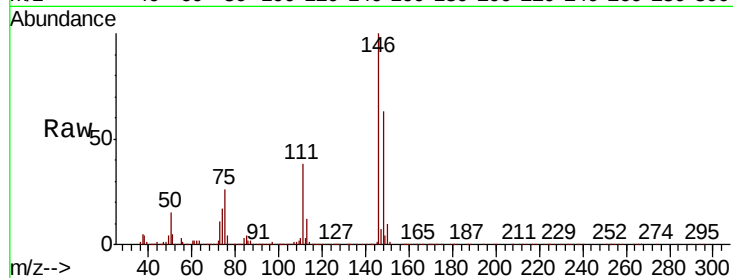
Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	64.5	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 18.932 ug/l

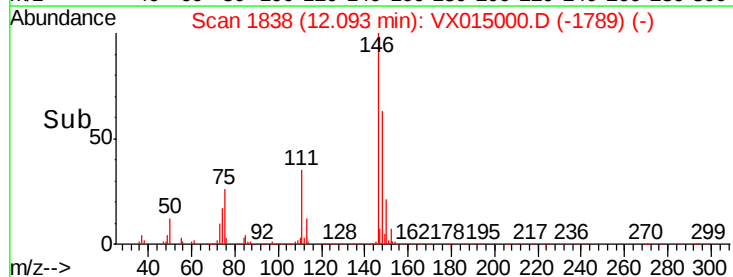
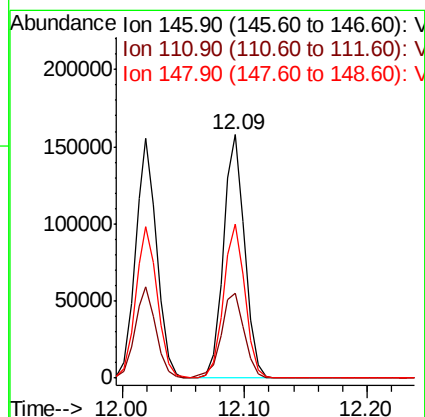
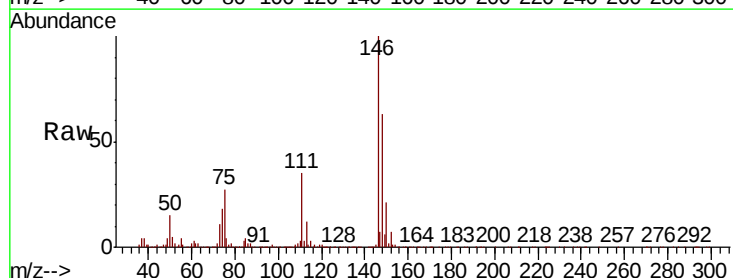
RT: 12.09 min Scan# 1838

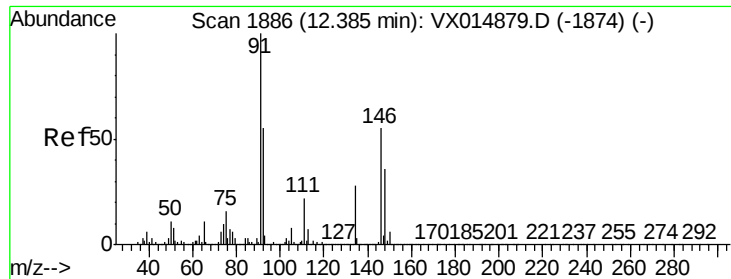
Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	63.8	32.4	97.0





#89

n-Butylbenzene

Concen: 19.287 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

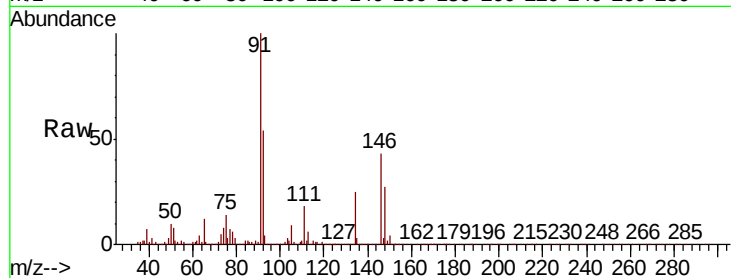
Tot Ion: 91 Resp: 309617

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

134 26.6 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)

12.38

300000

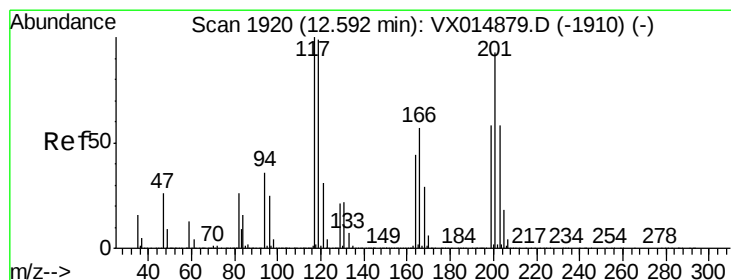
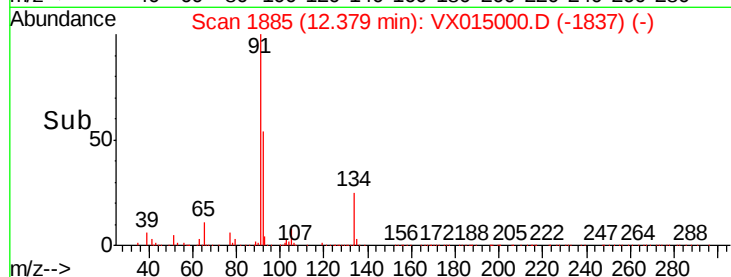
200000

100000

0

Time-->

12.30 12.35 12.40 12.45



#90

Hexachloroethane

Concen: 20.279 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015000.D

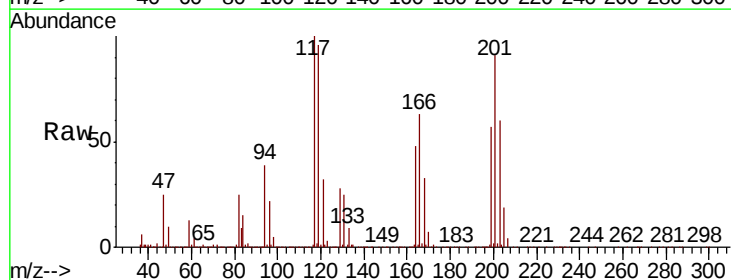
Acq: 24 Feb 2020 11:01

Tgt Ion: 117 Resp: 63480

Ion Ratio Lower Upper

117 100

201 88.6 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)

12.59

50000

40000

30000

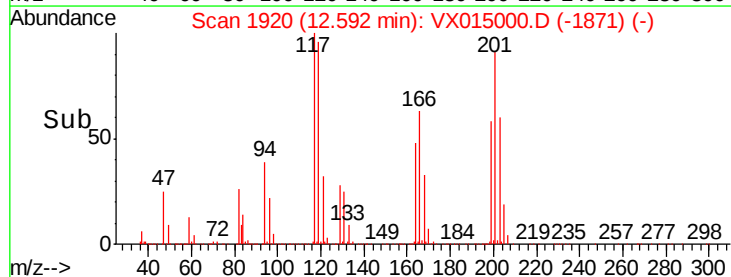
20000

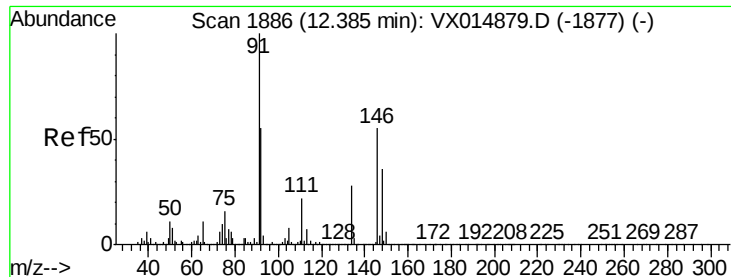
10000

0

Time-->

12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 19.728 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

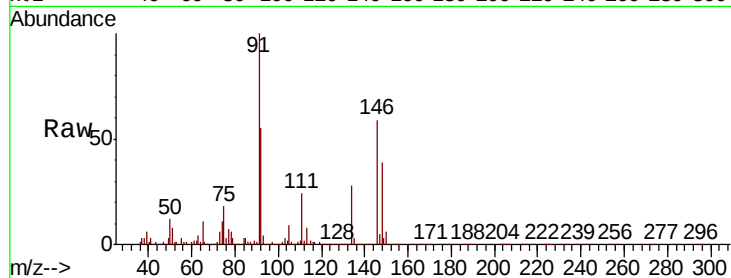
Tot Ion:146 Resp: 188774

Ion Ratio Lower Upper

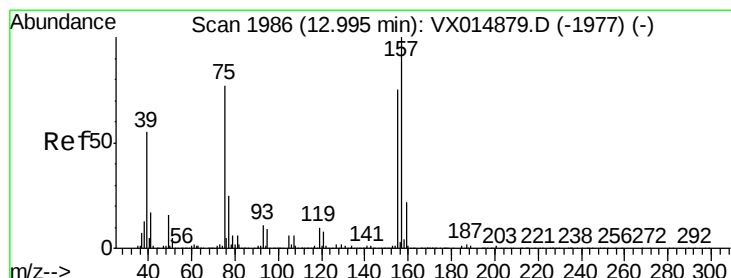
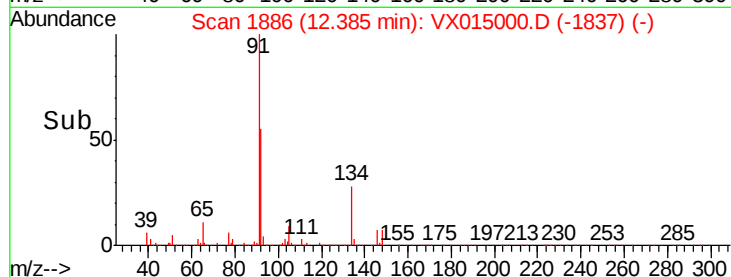
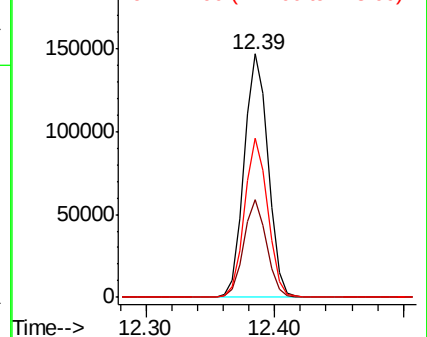
146 100

111 38.2 19.8 59.3

148 62.8 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: 18.596 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015000.D

Acq: 24 Feb 2020 11:01

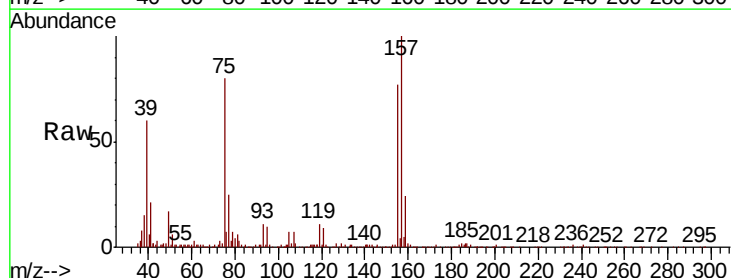
Tgt Ion: 75 Resp: 27792

Ion Ratio Lower Upper

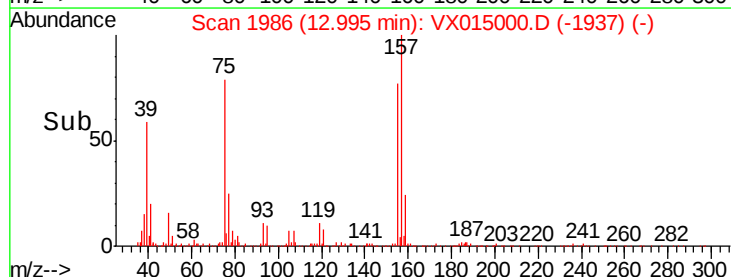
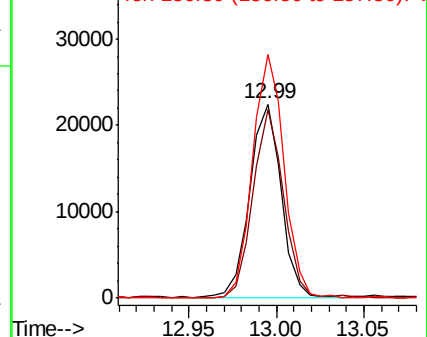
75 100

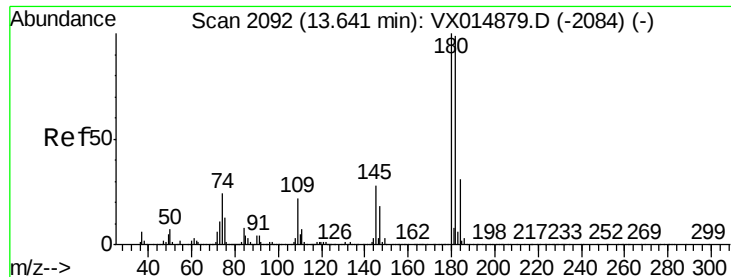
155 95.0 48.6 145.9

157 127.2 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

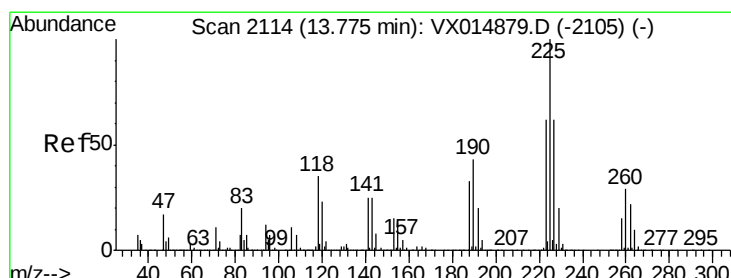
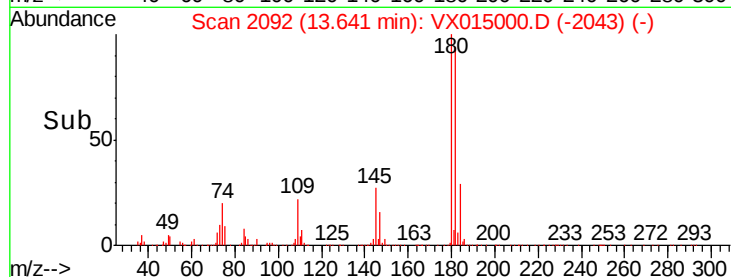
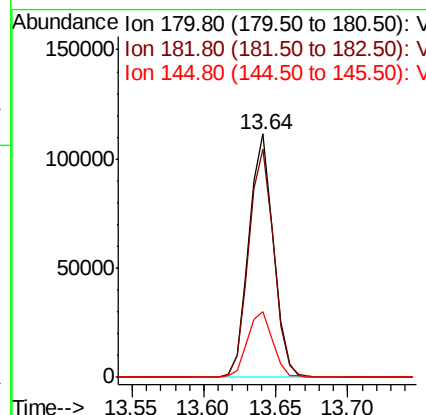
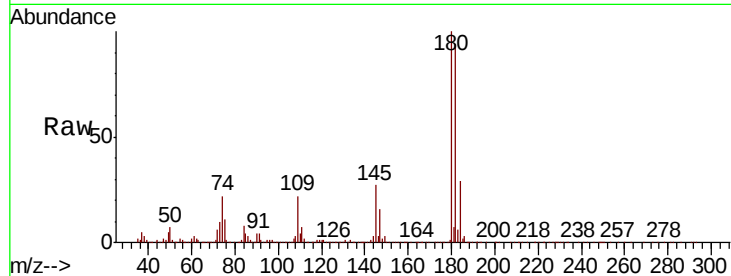




#93
 1,2,4-Trichlorobenzene
 Concen: 18.637 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

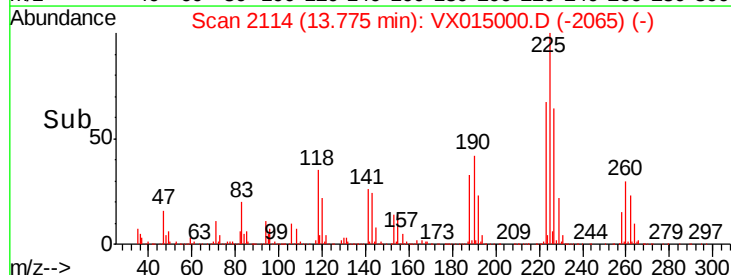
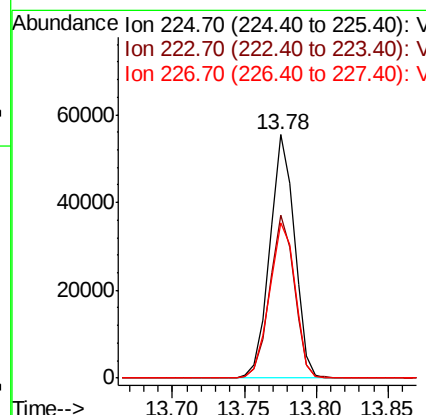
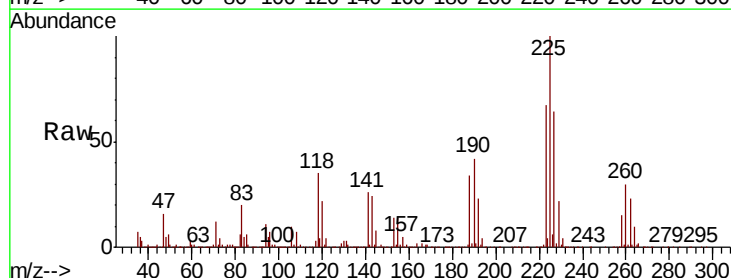
Instrument :
 MSVOA_X
 ClientSampled :

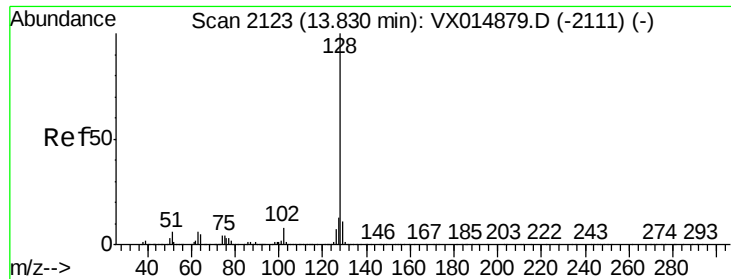
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.3
145	27.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.265 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015000.D
 Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	31.1	93.2
227	66.0	30.9	92.5

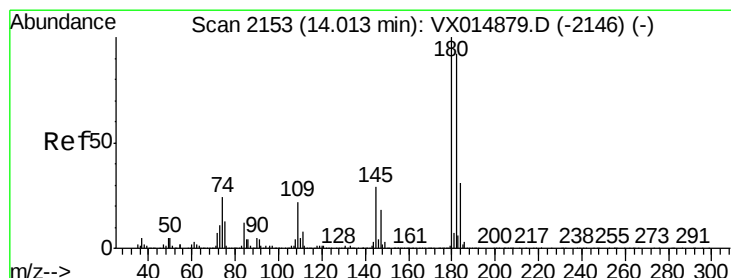
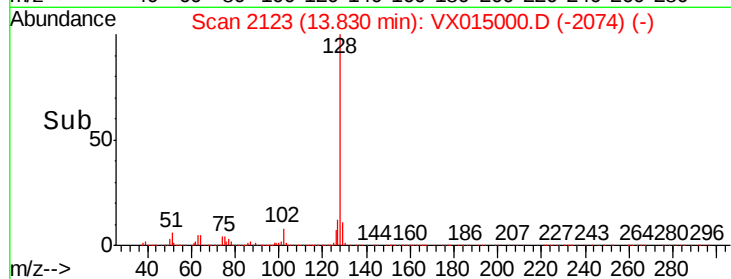
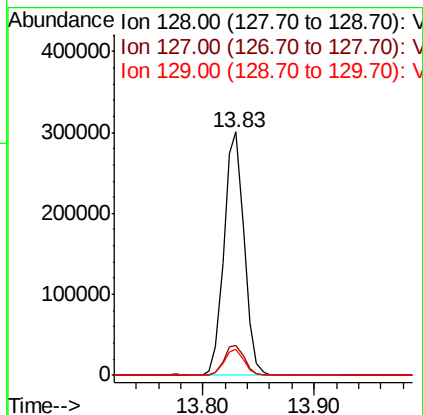
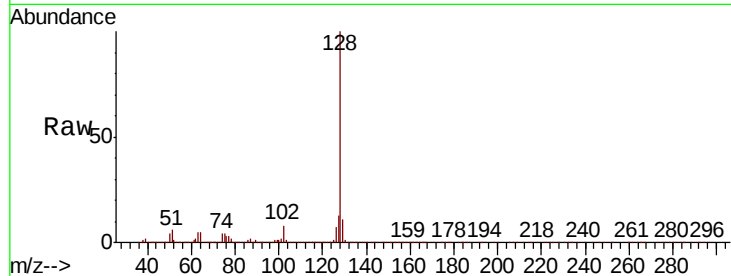




#95
Naphthalene
Concen: 19.901 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.593 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015000.D
Acq: 24 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	28.9	14.5	43.5

