

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015059.D
 Acq On : 28 Feb 2020 15:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:27:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75071	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	390354	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	335455	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	147853	28.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.40%
60) 4-Bromofluorobenzene	11.13	95	168002	32.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.20%
63) Toluene-d8	8.70	98	471132	32.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	58668	17.501	ug/l 99
3) Chloromethane	1.32	50	84096	19.401	ug/l 98
4) Vinyl Chloride	1.41	62	86017	18.438	ug/l 100
5) Bromomethane	1.64	94	55807	17.082	ug/l 99
6) Chloroethane	1.72	64	57052	18.257	ug/l 99
7) Trichlorofluoromethane	1.93	101	114704	16.894	ug/l 100
8) Diethyl Ether	2.18	74	51018	17.862	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72523	18.475	ug/l 99
10) 1,1-Dichloroethene	2.37	96	70263	17.804	ug/l 96
11) Methyl Iodide	2.50	142	71871	14.988	ug/l 100
12) Methyl Acetate	2.76	43	94169	19.176	ug/l 96
13) Acrolein	2.28	56	82011	83.971	ug/l 99
14) Acrylonitrile	3.12	53	219719	99.072	ug/l 98
15) Acetone	2.42	58	65144	82.078	ug/l 92
16) Carbon Disulfide	2.56	76	186700	17.595	ug/l 100
17) Allyl chloride	2.72	41	134061	19.529	ug/l 93
18) Methylene Chloride	2.85	84	85395	18.781	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	79412	18.320	ug/l 98
20) Diisopropyl ether	3.84	45	271232	19.346	ug/l 95
21) 1,1-Dichloroethane	3.69	63	146507	19.063	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	89161	17.975	ug/l 93
23) tert-Butyl Alcohol	3.01	59	76428	86.936	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	247304	18.836	ug/l 97
25) Chloroform	5.19	83	144530	18.649	ug/l 98
26) Cyclohexane	5.57	56	128237	18.670	ug/l 98
29) 1,1-Dichloropropene	5.78	75	109444	19.822	ug/l 99
30) 2-Butanone	4.65	43	301210	94.514	ug/l 100
31) 2,2-Dichloropropane	4.57	77	115747	19.092	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	121471	19.373	ug/l 98
33) Carbon Tetrachloride	5.77	117	105433	19.209	ug/l 95
34) Benzene	6.13	78	331501	19.898	ug/l 98
35) Methacrylonitrile	5.01	41	64949	19.979	ug/l 97
36) 1,2-Dichloroethane	6.17	62	116922	19.827	ug/l 98
37) Trichloroethene	7.20	130	93218	19.928	ug/l 93
38) Methylcyclohexane	7.45	83	134418	19.641	ug/l 99
39) 1,2-Dichloropropane	7.50	63	86654	20.206	ug/l 98
40) Dibromomethane	7.65	93	55599	19.416	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022820\
 Data File : VX015059.D
 Acq On : 28 Feb 2020 15:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:27:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	111259	19.669	ug/l	97
42) Vinyl Acetate	3.80	43	1134743	101.160	ug/l	99
43) Ethyl Acetate	4.81	43	116900	20.273	ug/l	96
44) Isopropyl Acetate	6.42	43	188846	19.481	ug/l	99
45) 1,4-Dioxane	7.72	88	32818	366.390	ug/l	96
46) Methyl methacrylate	7.76	41	93152	19.424	ug/l	99
47) n-amyl Acetate	10.89	43	154669	18.418	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	117443	18.713	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	135919	19.672	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	84604	19.831	ug/l	99
51) Ethyl methacrylate	9.17	69	123119	18.698	ug/l	96
52) 1,3-Dichloropropane	9.36	76	142512	19.746	ug/l	99
53) Dibromochloromethane	9.57	129	86528	18.759	ug/l	99
54) 1,2-Dibromoethane	9.67	107	86747	19.151	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	349351	99.599	ug/l	98
56) Bromoform	10.85	173	66946	18.515	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	587220	106.812	ug/l	100
59) 2-Hexanone	9.48	43	424659	98.861	ug/l	99
61) Tetrachloroethene	9.33	164	95013	21.088	ug/l	99
62) Toluene	8.78	91	349433	20.337	ug/l	100
64) Chlorobenzene	10.13	112	213845	19.498	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	77529	19.085	ug/l	98
66) Ethyl Benzene	10.25	91	370098	19.553	ug/l	98
67) m/p-Xylenes	10.35	106	292612	40.091	ug/l	98
68) o-Xylene	10.69	106	144320	20.436	ug/l	98
69) Styrene	10.70	104	245127	20.324	ug/l	98
70) Isopropylbenzene	11.01	105	393535	20.979	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	128559	21.285	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	142663	28.476	ug/l	90
73) Bromobenzene	11.25	156	103789	20.477	ug/l	98
74) n-propylbenzene	11.35	91	448046	20.986	ug/l	99
75) 2-Chlorotoluene	11.42	91	264600	20.972	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	321833	20.471	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	38143	18.881	ug/l	99
78) 4-Chlorotoluene	11.50	91	302178	20.705	ug/l	100
79) tert-butylbenzene	11.76	119	314126	20.682	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	326178	20.869	ug/l	98
81) sec-Butylbenzene	11.94	105	387683	21.314	ug/l	100
82) p-Isopropyltoluene	12.06	119	352642	20.869	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	181979	20.481	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	180299	20.151	ug/l	97
85) n-Butylbenzene	12.38	91	299944	20.398	ug/l	99
86) Hexachloroethane	12.59	117	60415	19.780	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	180617	20.428	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	25863	19.662	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	123307	19.393	ug/l	100
90) Hexachlorobutadiene	13.78	225	64622	20.465	ug/l	98
91) Naphthalene	13.83	128	345547	19.196	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	124750	19.762	ug/l	99

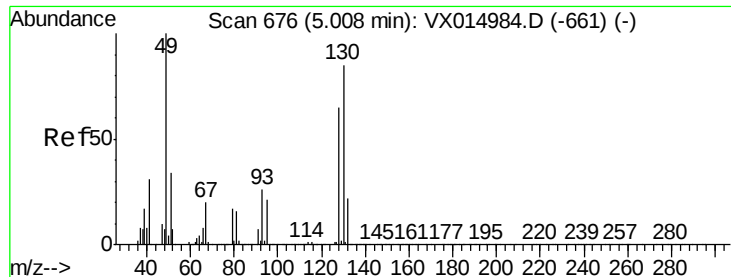
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
Data File : VX015059.D
Acq On : 28 Feb 2020 15:44
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 28 23:27:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

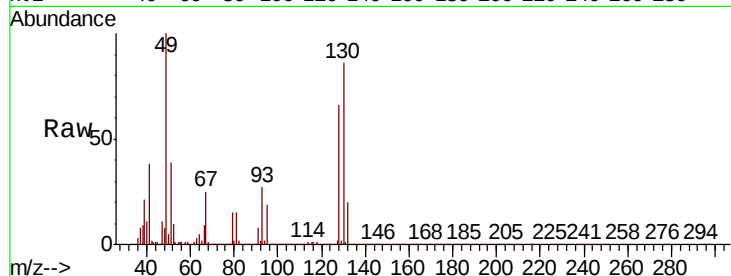
(#) = qualifier out of range (m) = manual integration (+) = signals summed



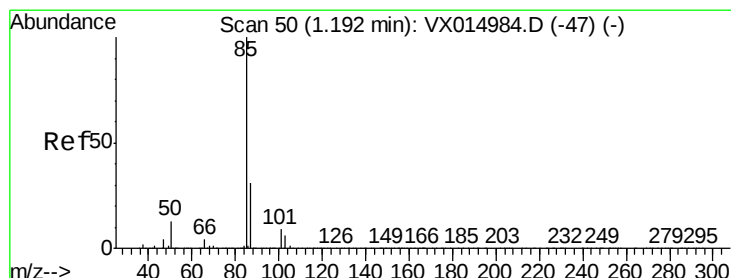
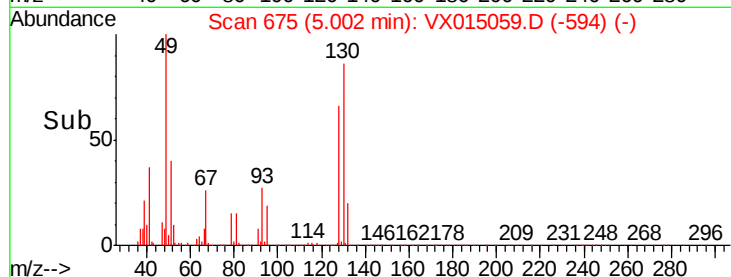
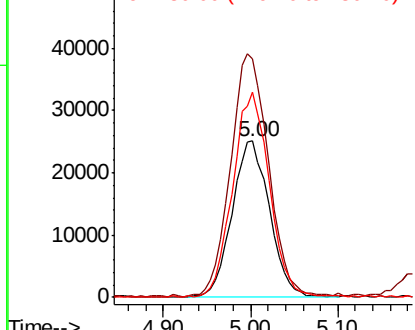
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 75071
Ion Ratio Lower Upper
128 100
49 157.9 0.0 384.7
130 127.5 0.0 330.8

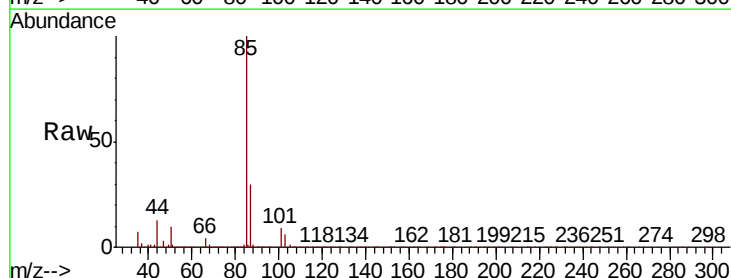


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

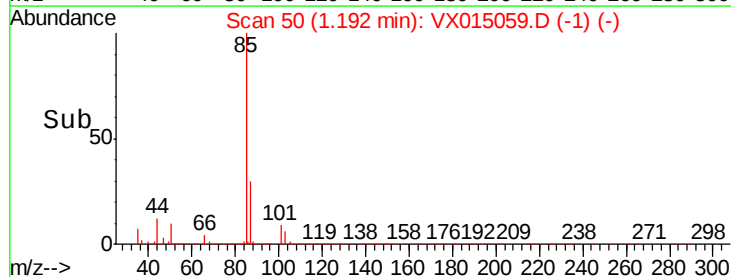
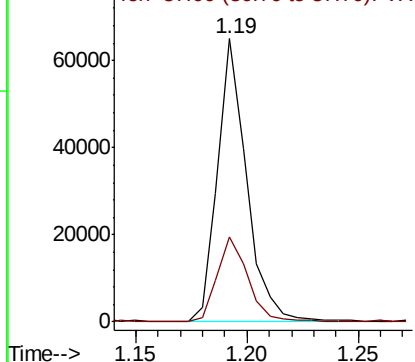


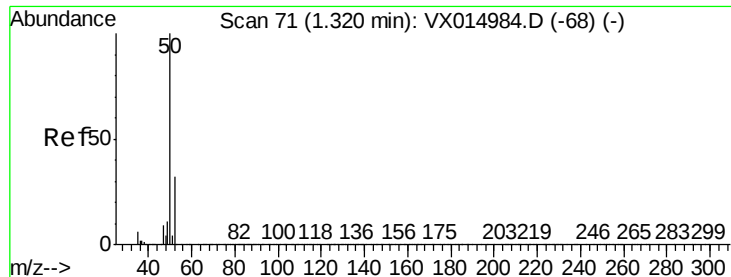
#2
Dichlorodifluoromethane
Concen: 17.501 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 85 Resp: 58668
Ion Ratio Lower Upper
85 100
87 29.9 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.401 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

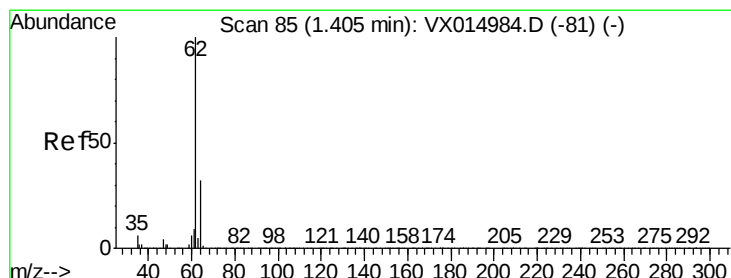
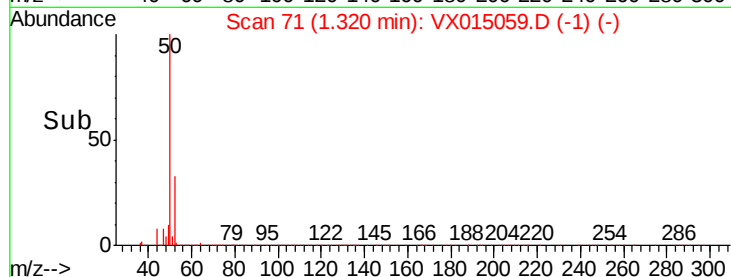
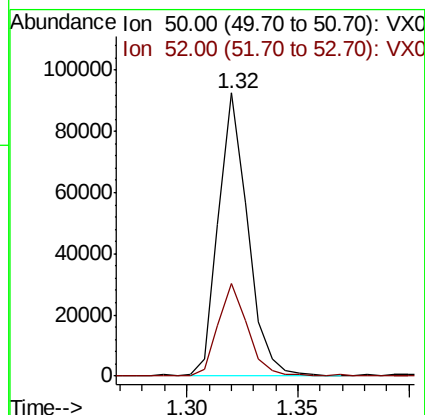
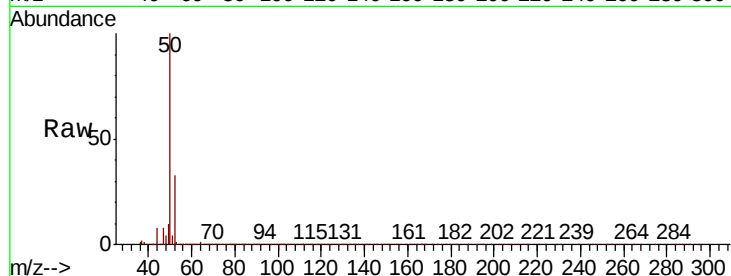
ClientSampleId :

Tot Ion: 50 Resp: 84096

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.0



#4

Vinyl Chloride

Concen: 18.438 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX015059.D

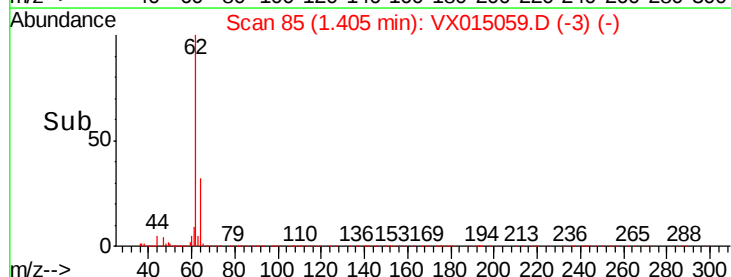
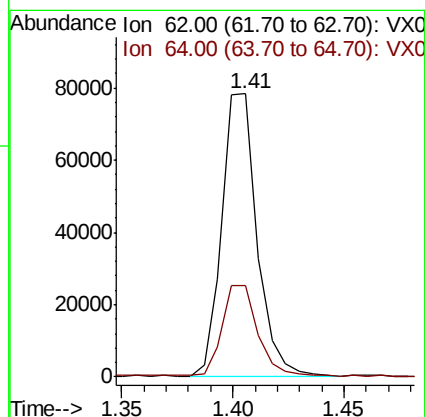
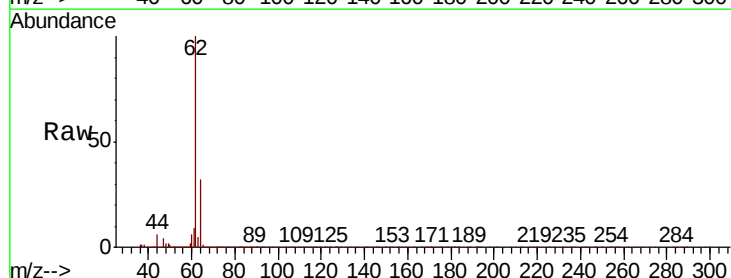
Acq: 28 Feb 2020 15:44

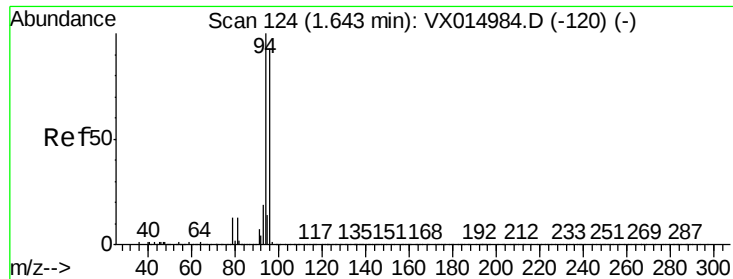
Tgt Ion: 62 Resp: 86017

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 17.082 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

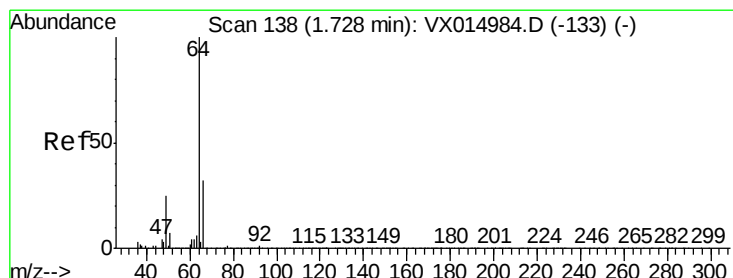
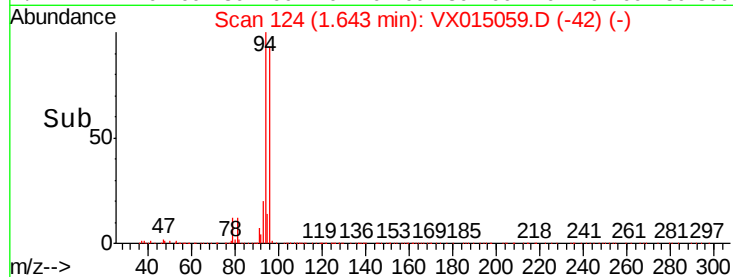
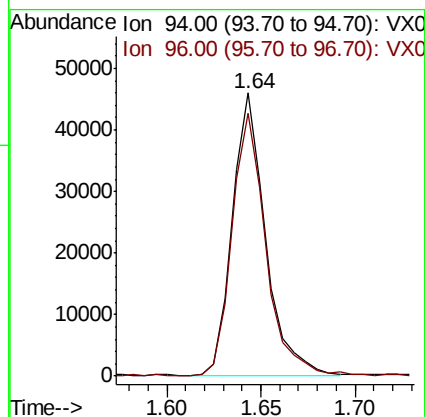
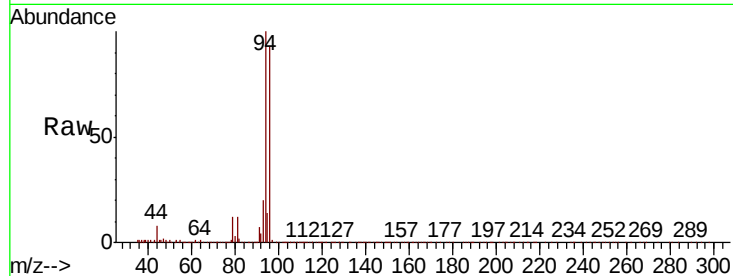
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 55807

Ion Ratio Lower Upper

94 100

96 92.7 74.6 112.0



#6

Chloroethane

Concen: 18.257 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015059.D

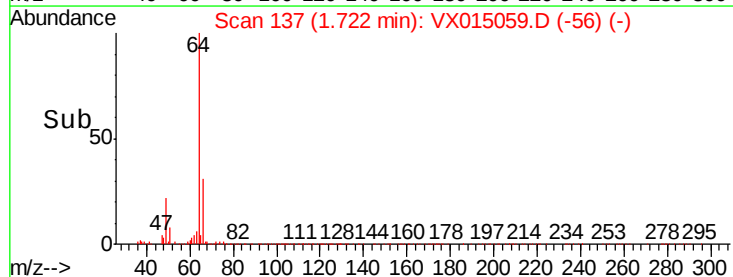
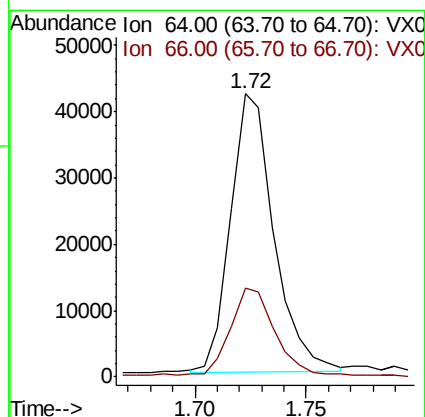
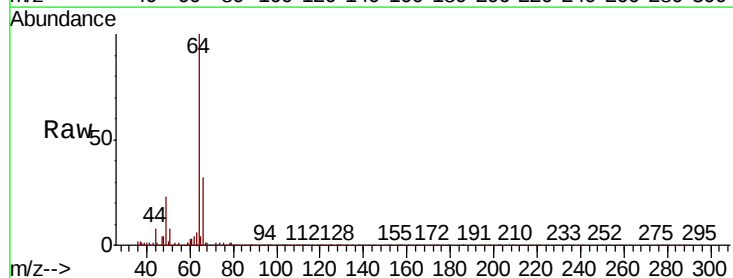
Acq: 28 Feb 2020 15:44

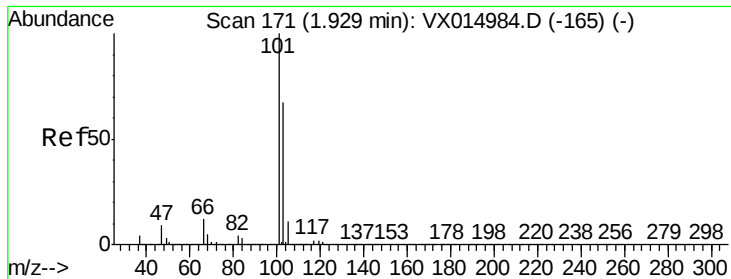
Tgt Ion: 64 Resp: 57052

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



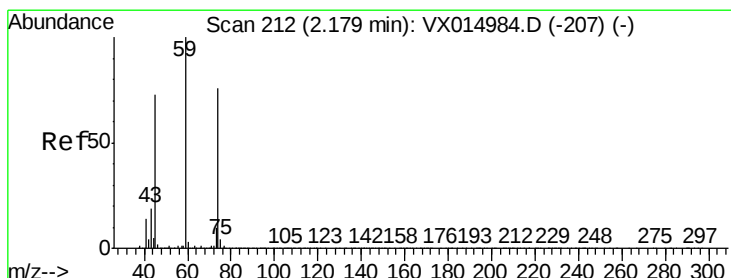
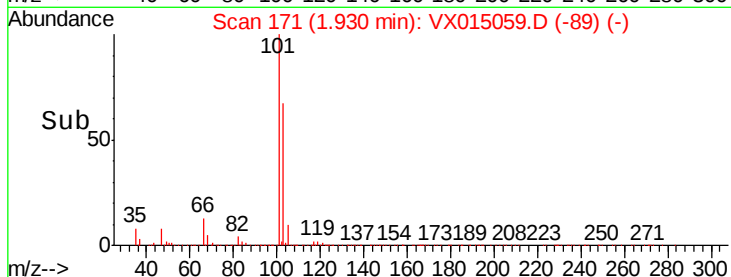
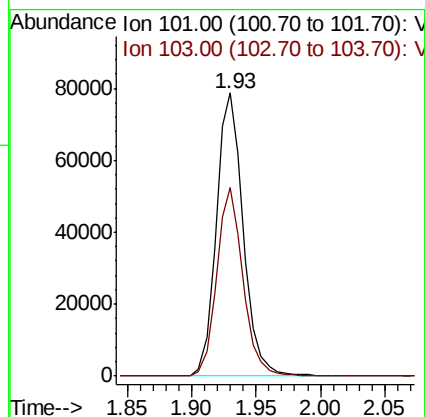
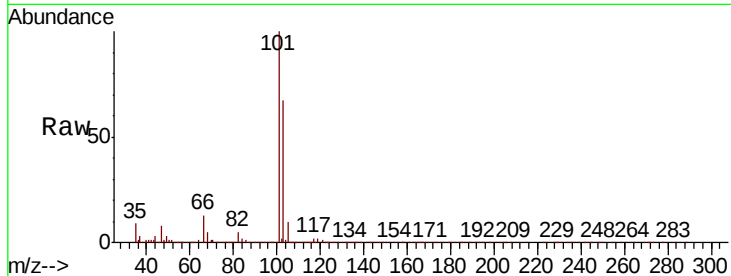


#7

Trichlorofluoromethane
Concen: 16.894 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

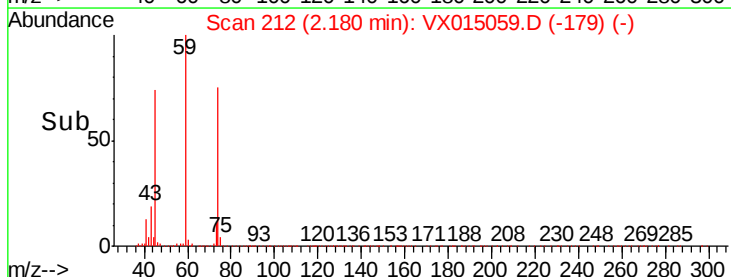
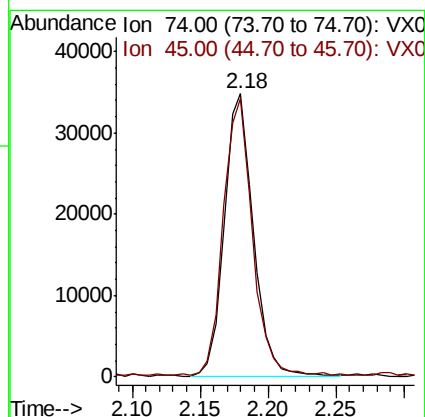
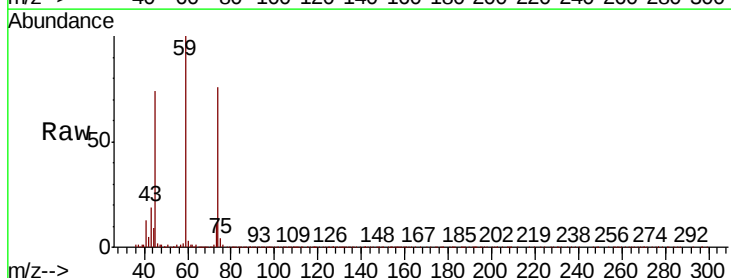
Tot Ion:101 Resp: 114704
Ion Ratio Lower Upper
101 100
103 66.6 53.4 80.2

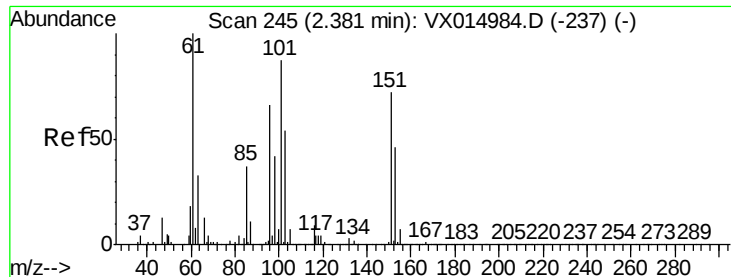


#8

Diethyl Ether
Concen: 17.862 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 74 Resp: 51018
Ion Ratio Lower Upper
74 100
45 97.9 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.475 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampled :

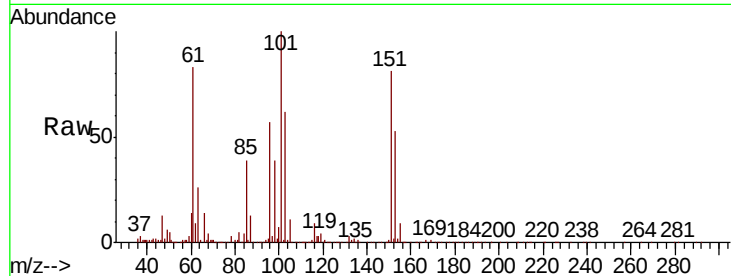
Tot Ion:101 Resp: 72523

Ion Ratio Lower Upper

101 100

85 42.1 0.0 86.6

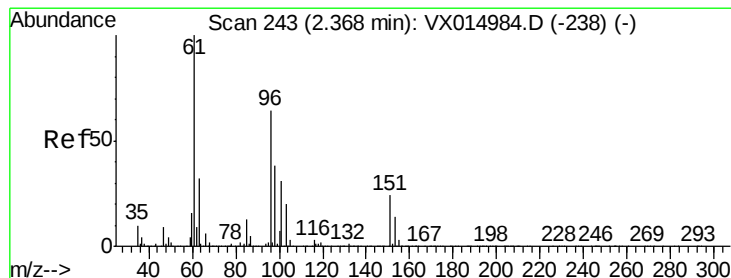
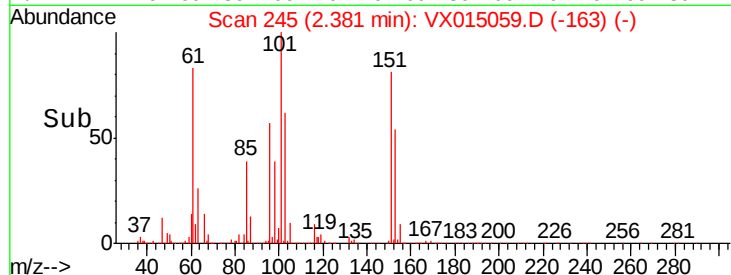
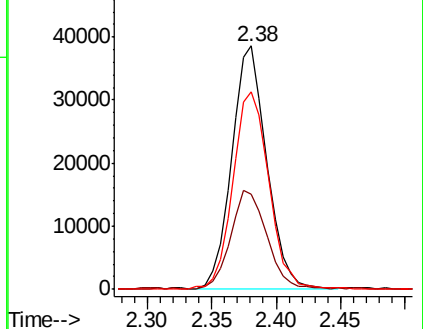
151 83.7 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.804 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

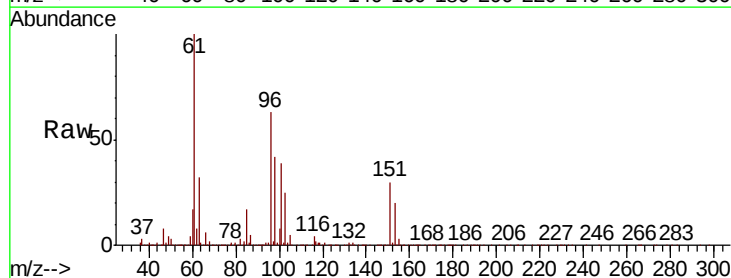
Tgt Ion: 96 Resp: 70263

Ion Ratio Lower Upper

96 100

61 160.0 126.1 189.1

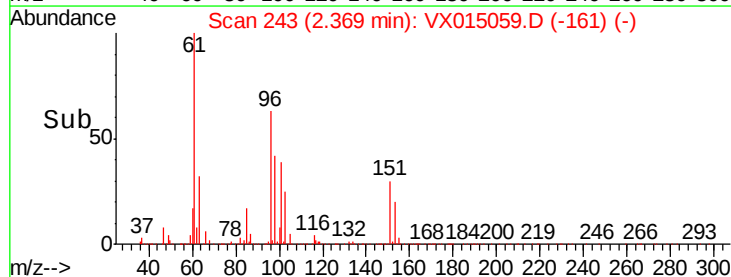
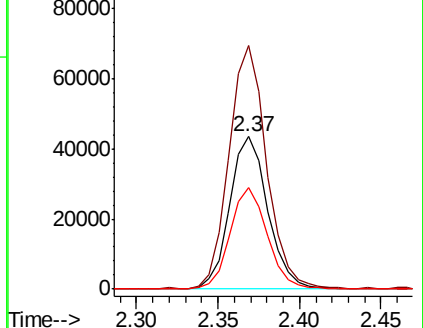
98 66.5 48.2 72.2

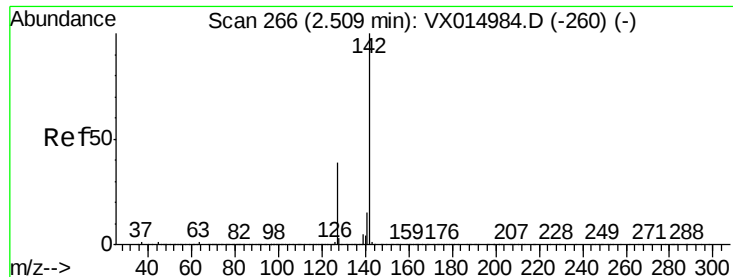


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

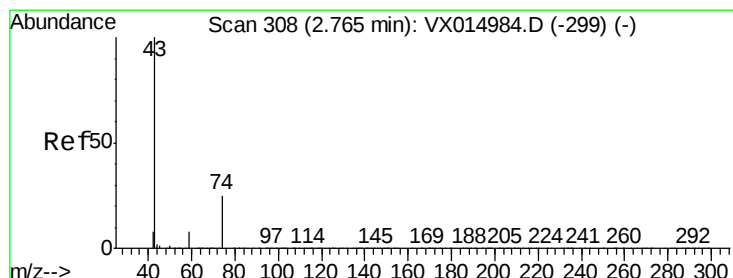
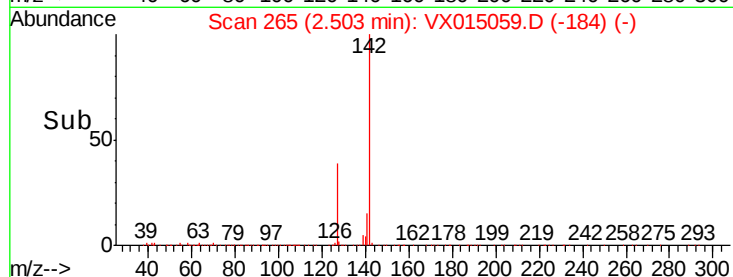
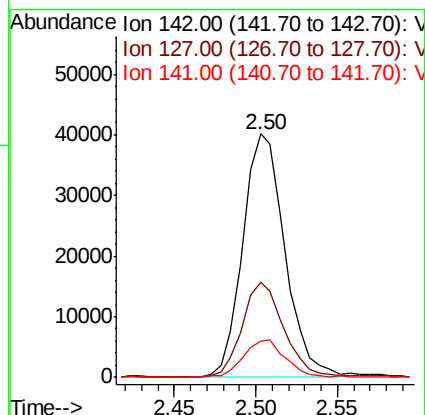
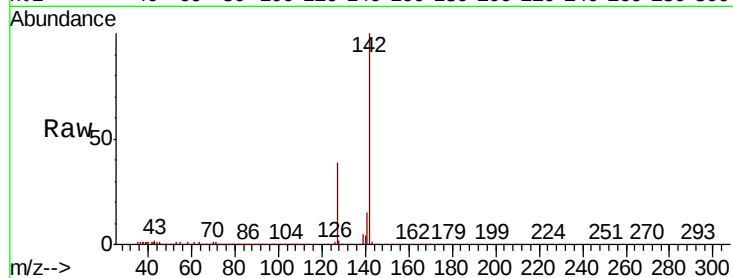




#11
Methvl Iodide
Concen: 14.988 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

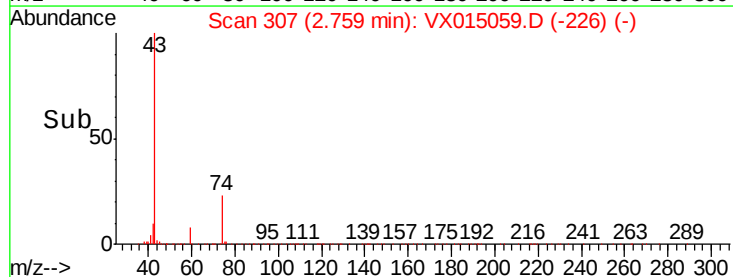
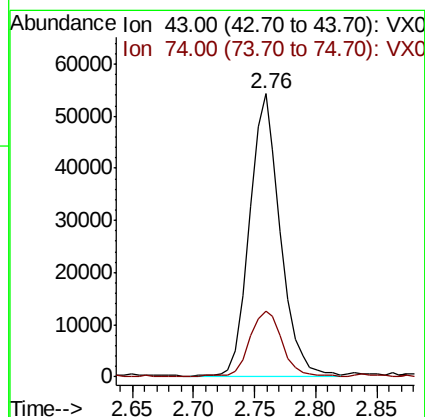
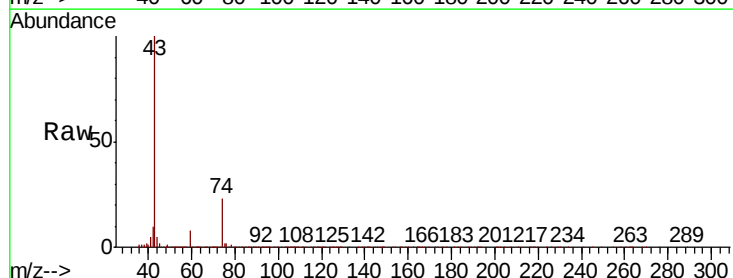
Instrument :
MSVOA_X
ClientSampleId :

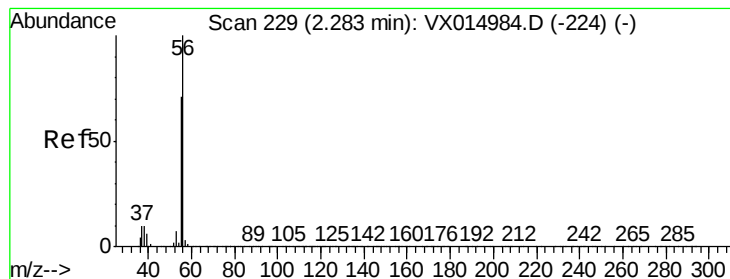
Tot Ion:142 Resp: 71871
Ion Ratio Lower Upper
142 100
127 39.1 19.7 59.0
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 19.176 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 43 Resp: 94169
Ion Ratio Lower Upper
43 100
74 22.9 19.8 29.8





#13

Acrolein

Concen: 83.971 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

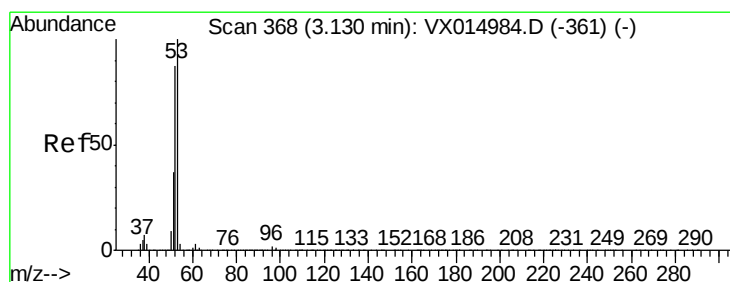
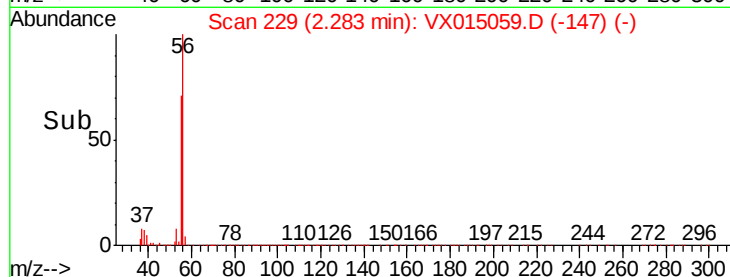
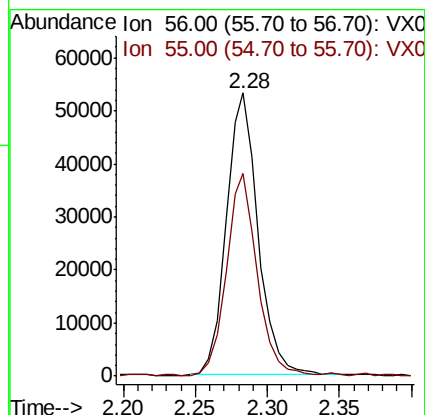
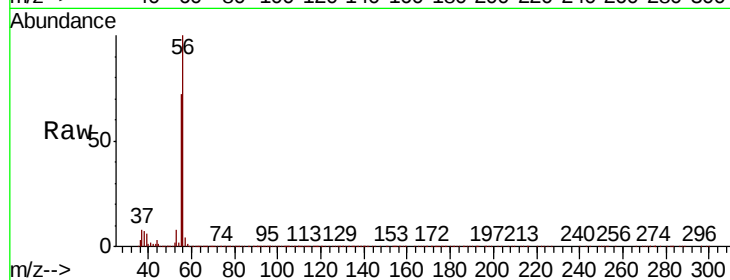
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 82011

Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.2



#14

Acrylonitrile

Concen: 99.072 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

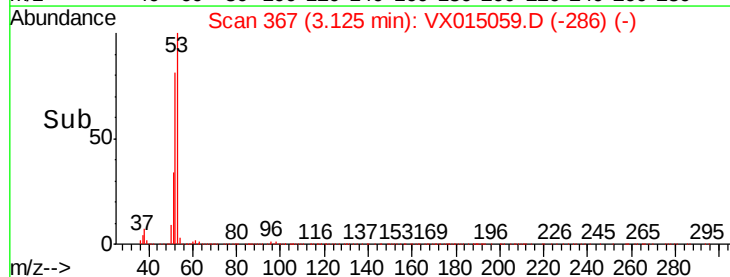
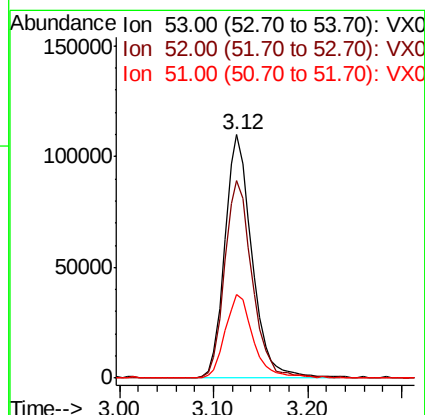
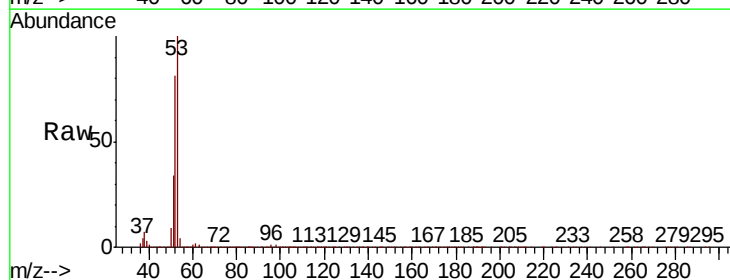
Tgt Ion: 53 Resp: 219719

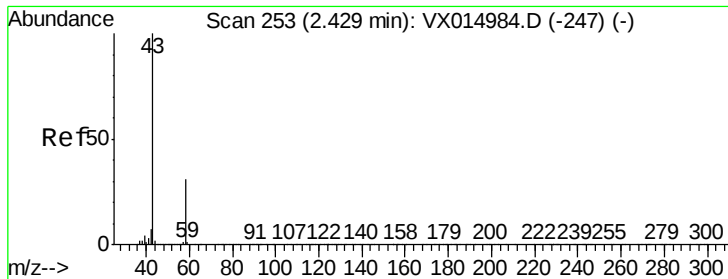
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.6

51 34.6 18.1 54.4





#15

Acetone

Concen: 82.078 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

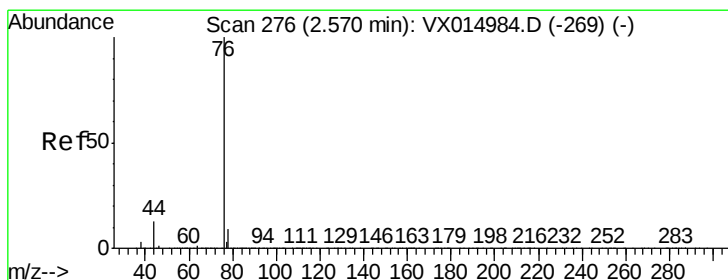
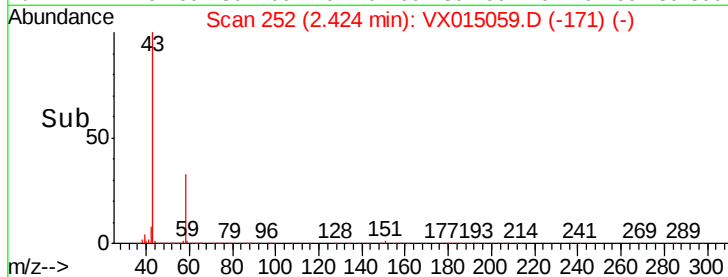
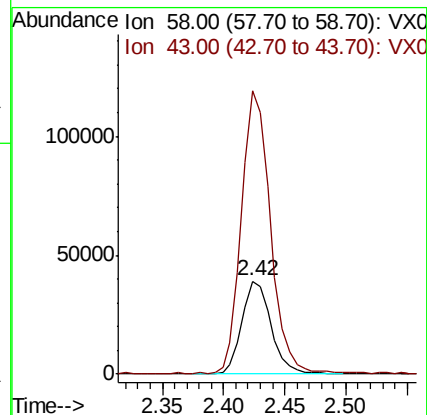
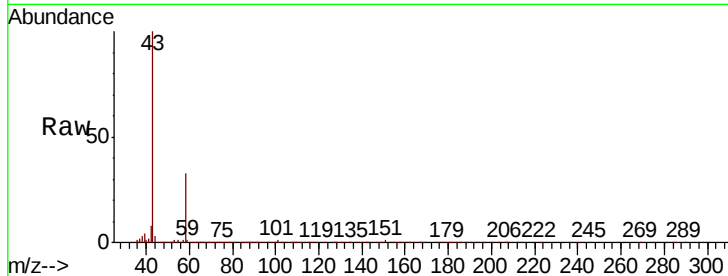
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 65144

Ion Ratio Lower Upper

58 100

43 305.1 257.7 386.5



#16

Carbon Disulfide

Concen: 17.595 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015059.D

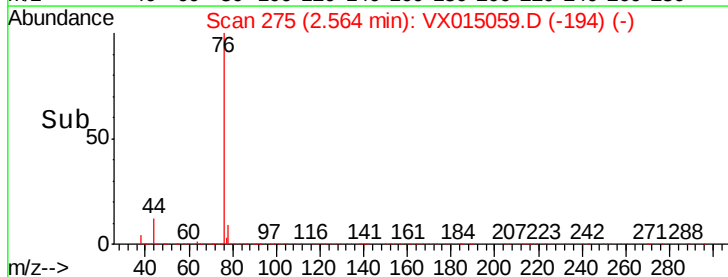
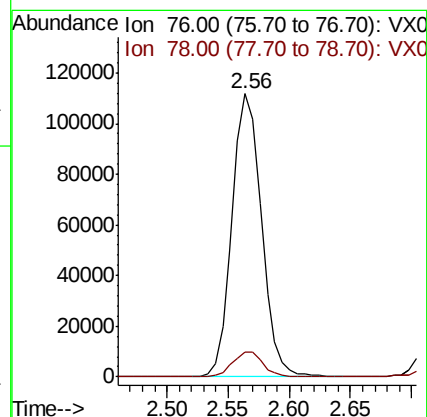
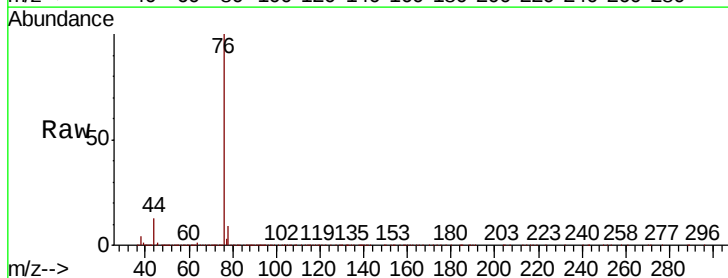
Acq: 28 Feb 2020 15:44

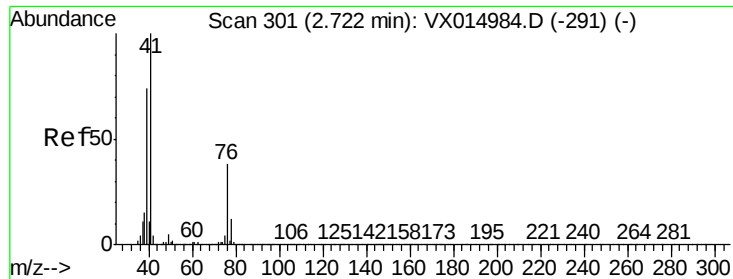
Tgt Ion: 76 Resp: 186700

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

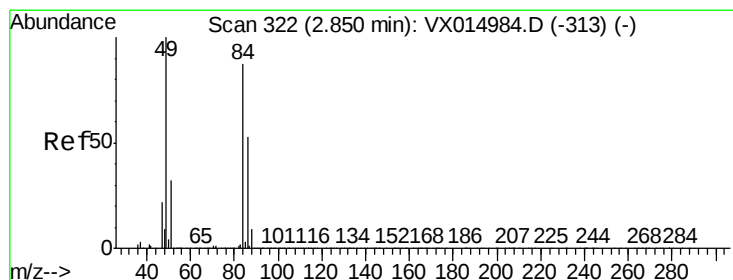
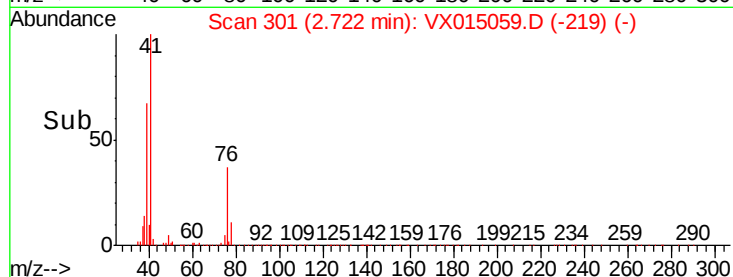
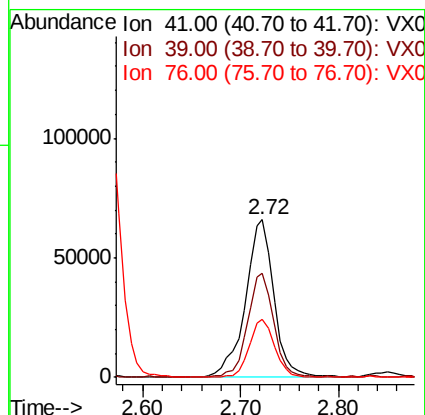
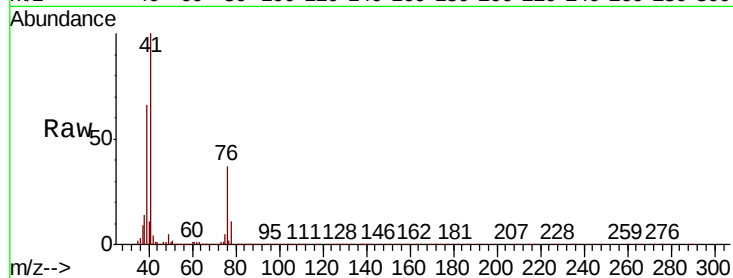




#17
Allvl chloride
Concen: 19.529 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

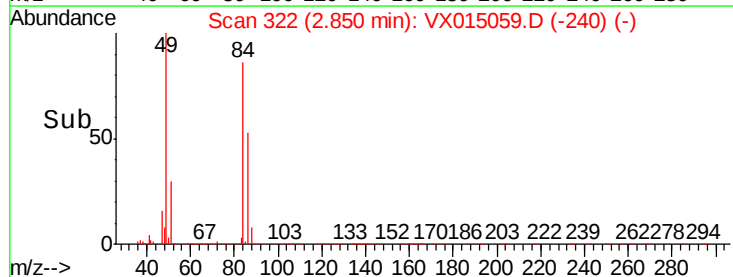
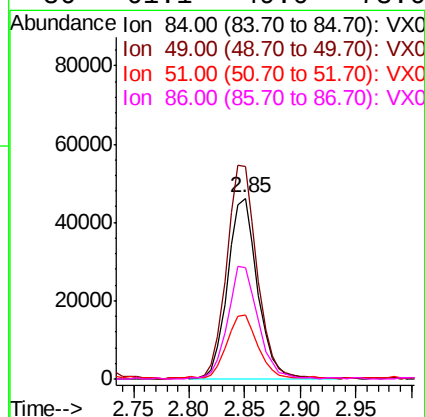
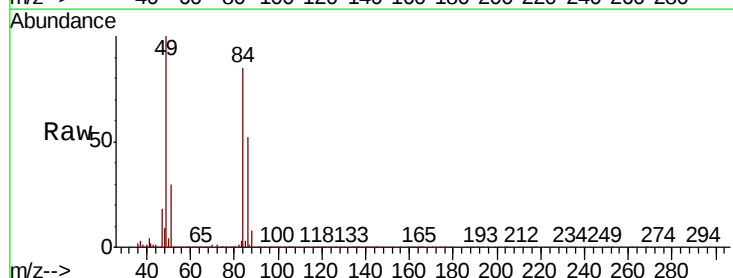
Instrument :
MSVOA_X
ClientSampleId :

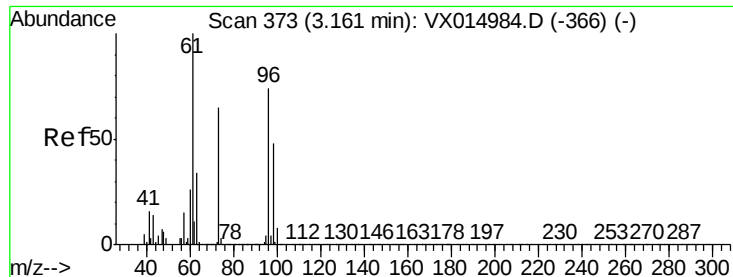
Tot Ion: 41 Resp: 134061
Ion Ratio Lower Upper
41 100
39 66.1 37.1 111.5
76 36.2 18.8 56.4



#18
Methylene Chloride
Concen: 18.781 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 84 Resp: 85395
Ion Ratio Lower Upper
84 100
49 116.7 92.2 138.2
51 34.9 29.7 44.5
86 61.1 49.0 73.6

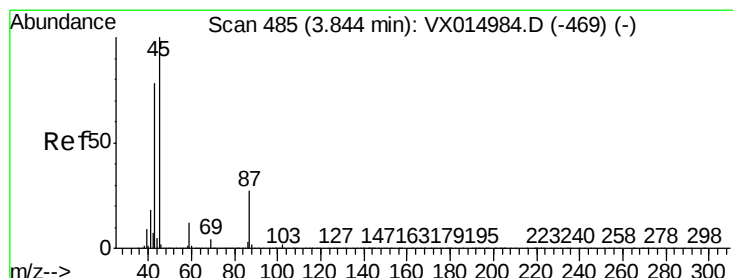
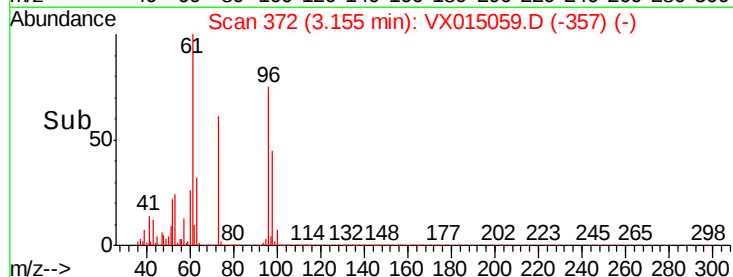
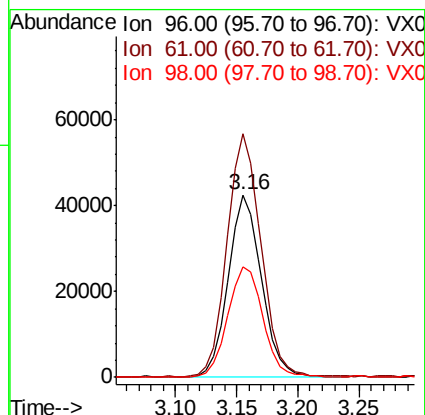
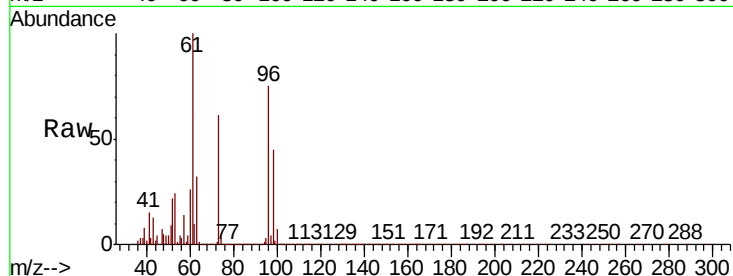




#19
trans-1,2-Dichloroethene
Concen: 18.320 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

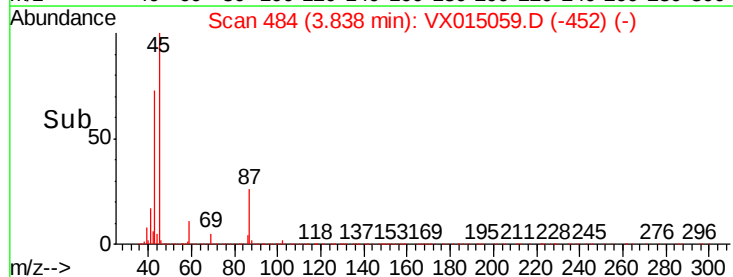
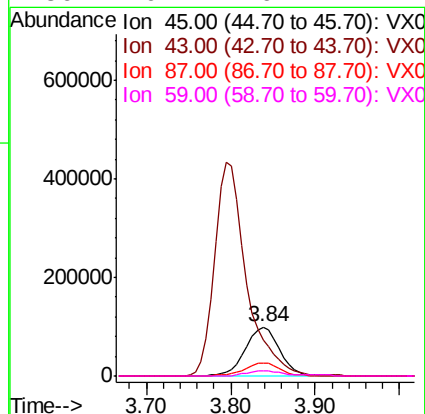
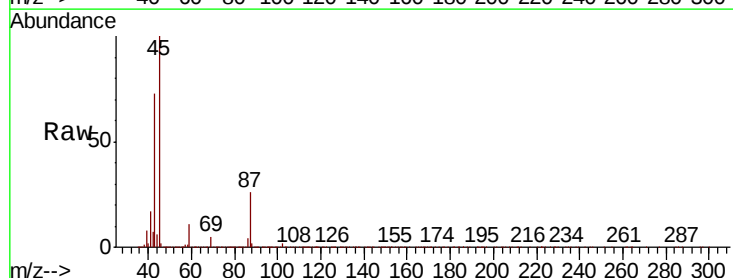
Instrument :
MSVOA_X
ClientSampleId :

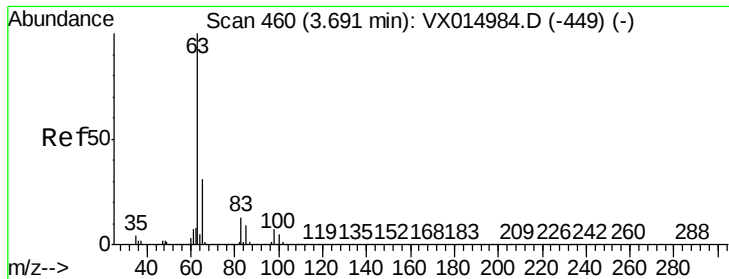
Tot Ion: 96 Resp: 79412
Ion Ratio Lower Upper
96 100
61 133.0 107.1 160.7
98 60.4 51.4 77.2



#20
Diisopropyl ether
Concen: 19.346 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 45 Resp: 271232
Ion Ratio Lower Upper
45 100
43 72.0 62.3 93.5
87 26.0 21.8 32.6
59 10.7 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.063 ug/l

RT: 3.69 min Scan# 459

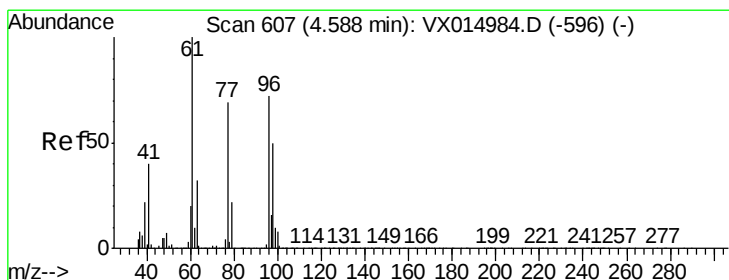
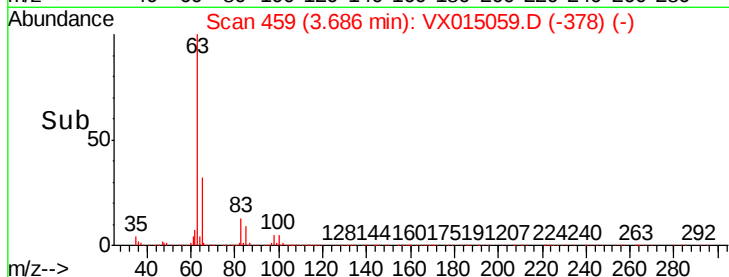
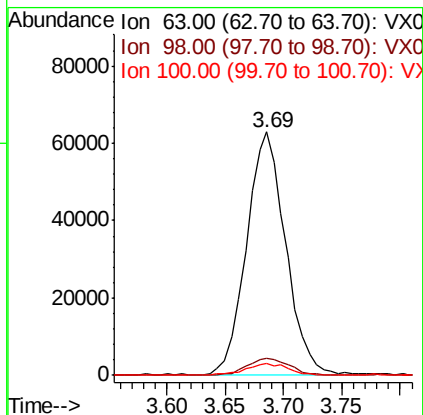
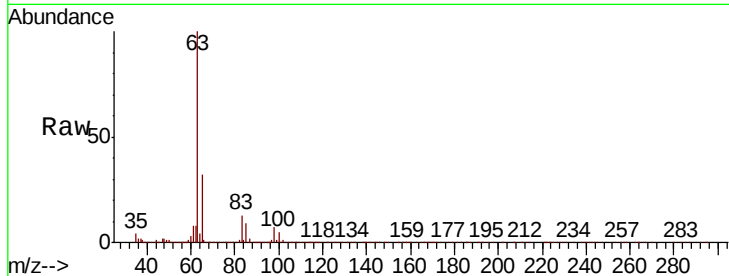
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	146507
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.5
100	4.7	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 17.975 ug/l

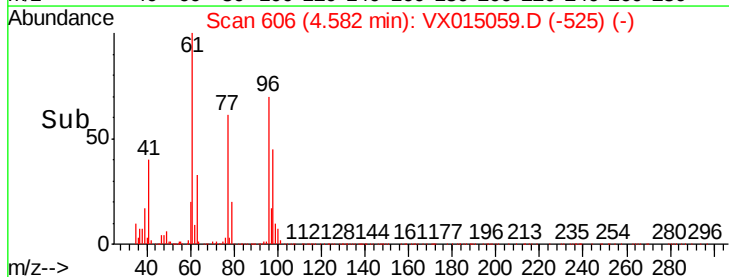
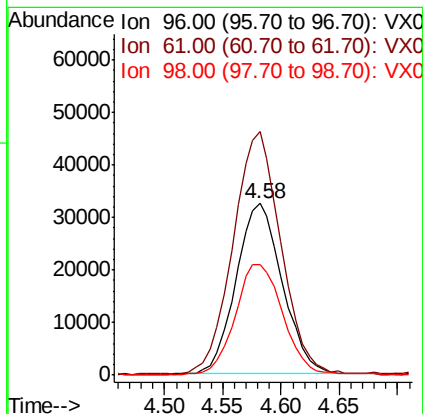
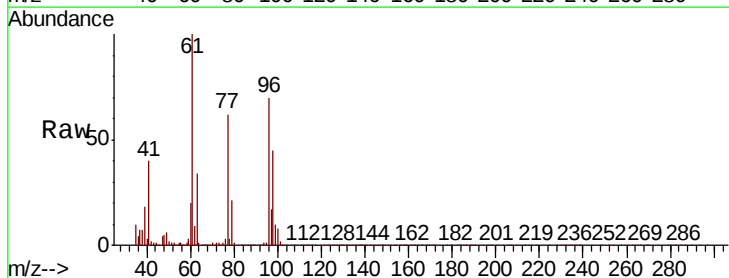
RT: 4.58 min Scan# 606

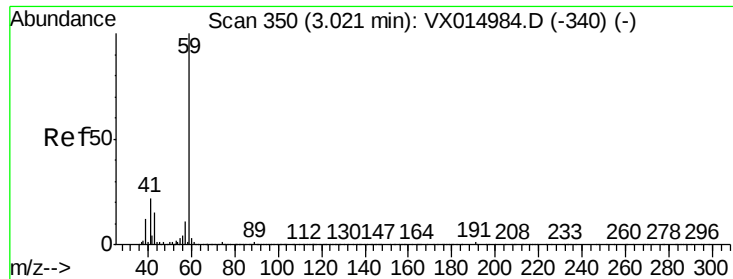
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	96	Resp:	89161
Ion	Ratio	Lower	Upper
96	100		
61	147.4	110.6	165.8
98	66.8	50.4	75.6



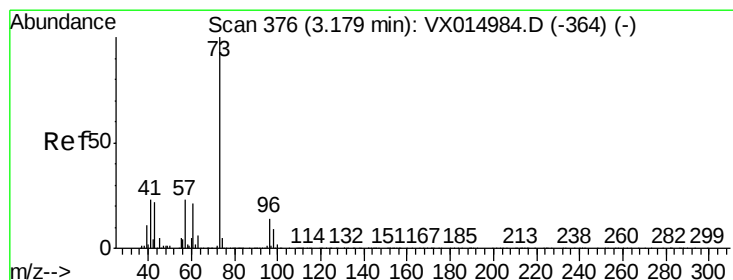
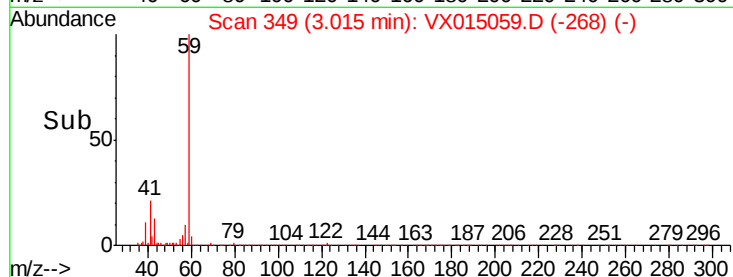
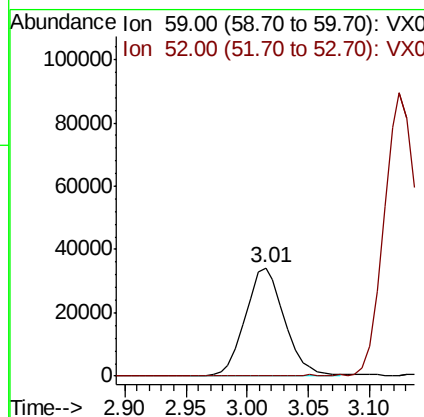
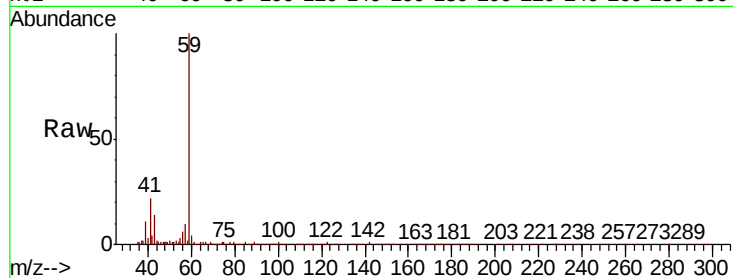


#23

tert-Butyl Alcohol
Concen: 86.936 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

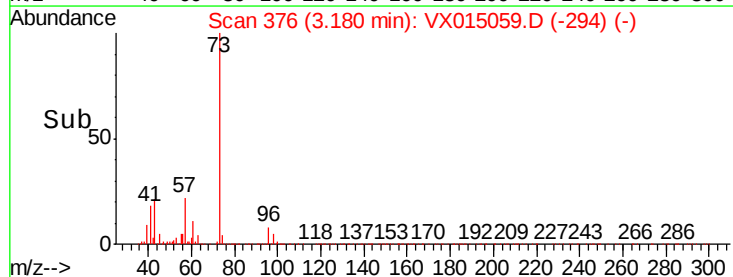
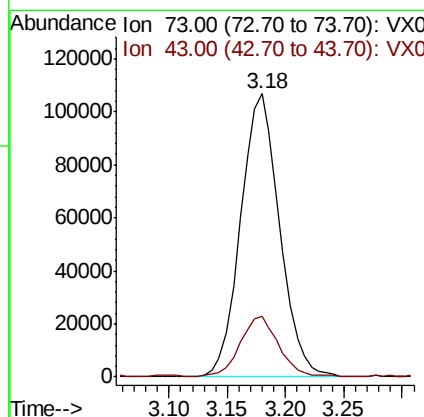
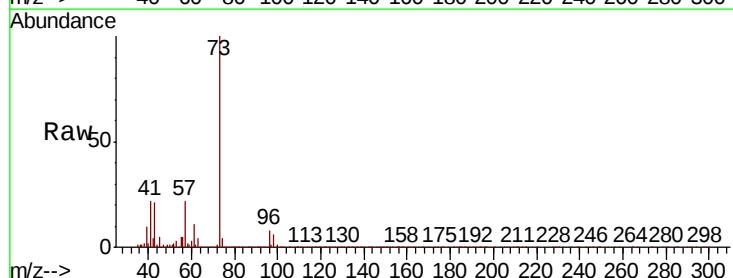
Tot Ion: 59 Resp: 76428
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

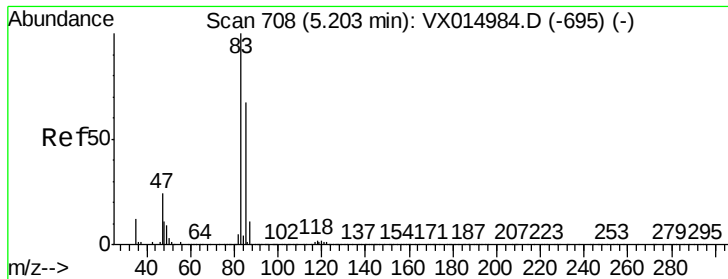


#24

Methyl tert-Butyl Ether
Concen: 18.836 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 73 Resp: 247304
Ion Ratio Lower Upper
73 100
43 20.9 17.7 26.5





#25

Chloroform

Concen: 18.649 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

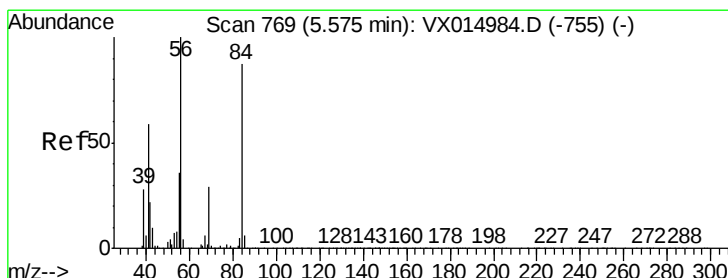
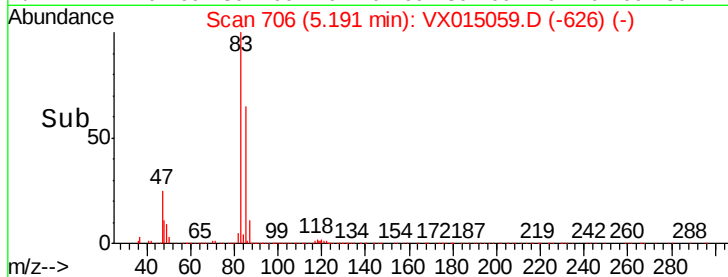
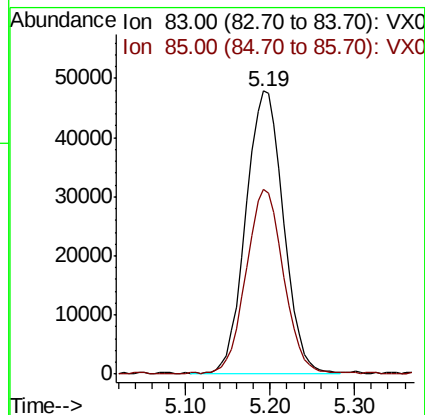
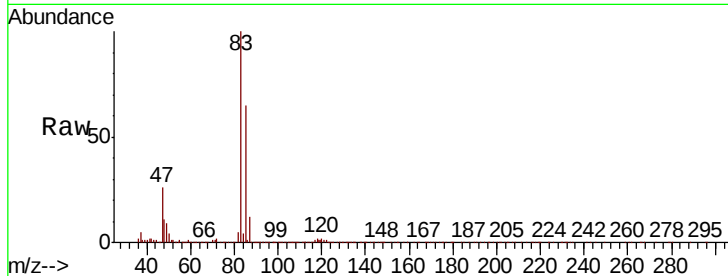
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 144530

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.0



#26

Cyclohexane

Concen: 18.670 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

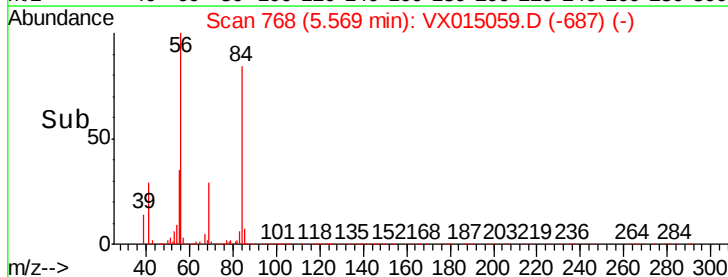
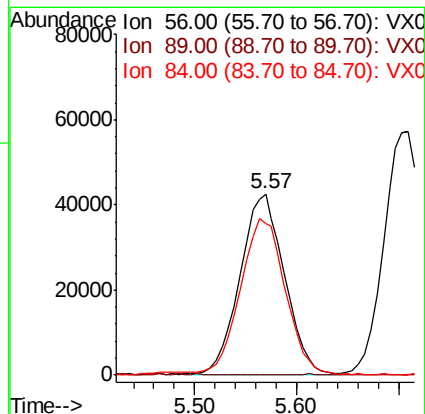
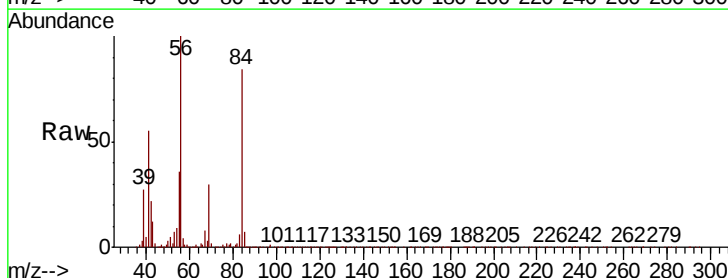
Tgt Ion: 56 Resp: 128237

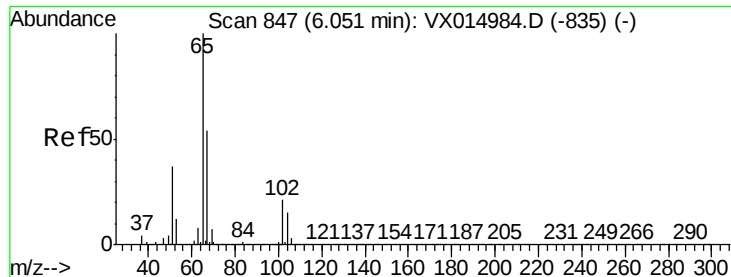
Ion Ratio Lower Upper

56 100

89 0.2 0.2 0.2

84 87.4 71.8 107.8



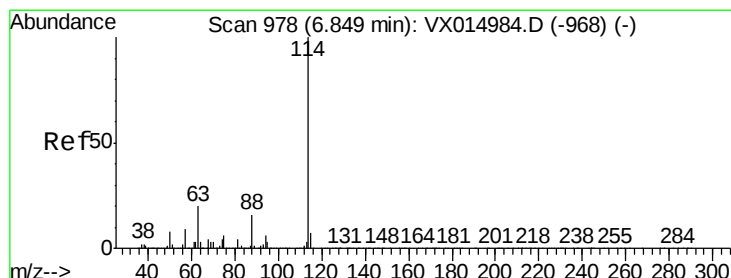
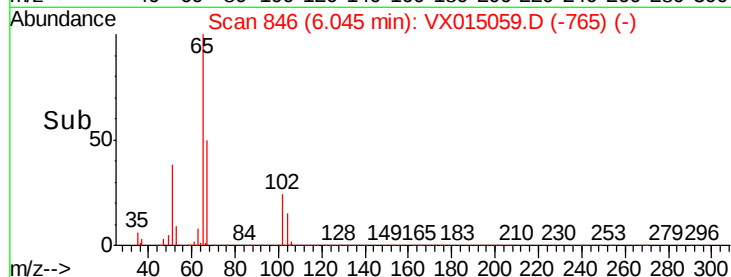
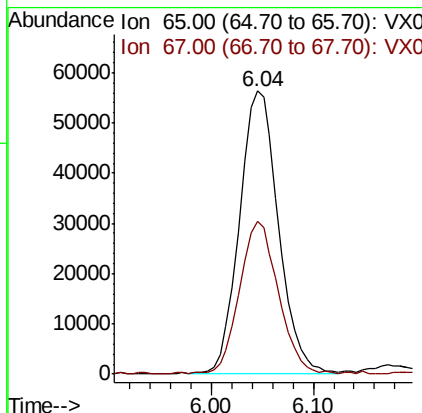
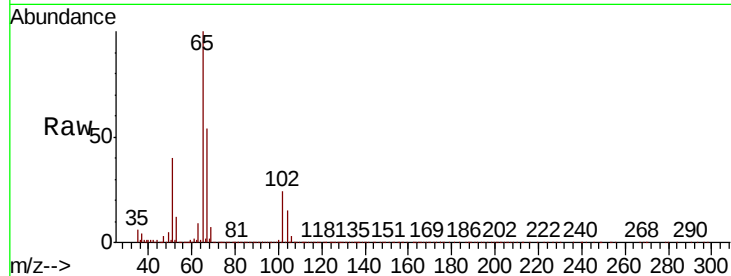


#27

1,2-Dichloroethane-d4
Concen: 28.324 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

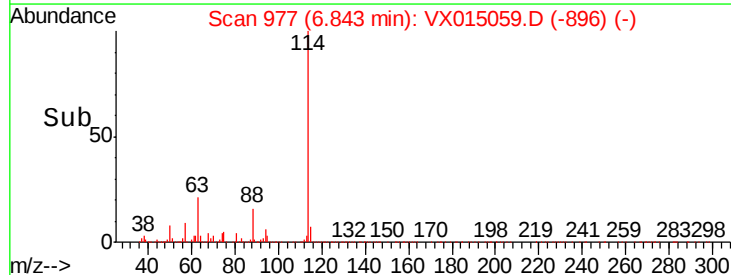
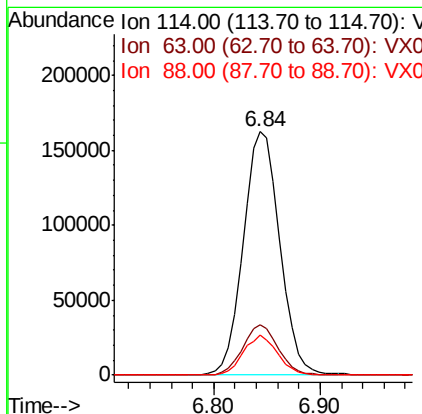
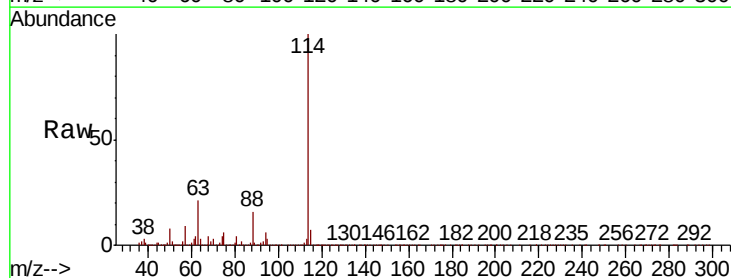
Tot Ion: 65 Resp: 147853
Ion Ratio Lower Upper
65 100
67 53.9 41.9 62.9

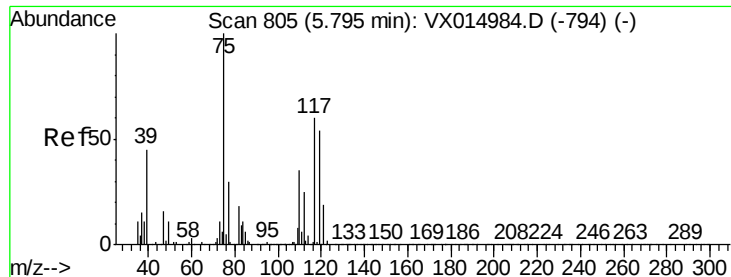


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 114 Resp: 390354
Ion Ratio Lower Upper
114 100
63 20.2 15.6 23.4
88 15.3 12.2 18.2





#29

1,1-Dichloropropene

Concen: 19.822 ug/l

RT: 5.78 min Scan# 803

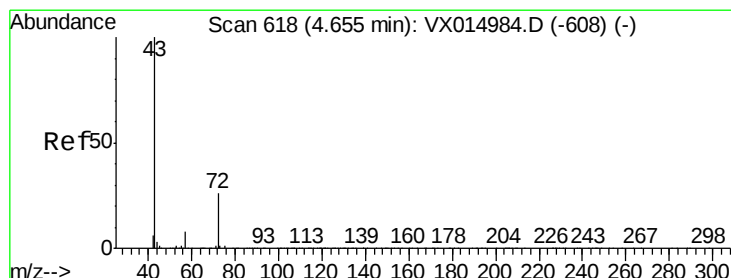
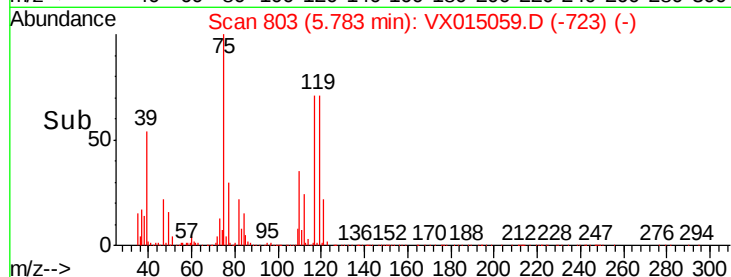
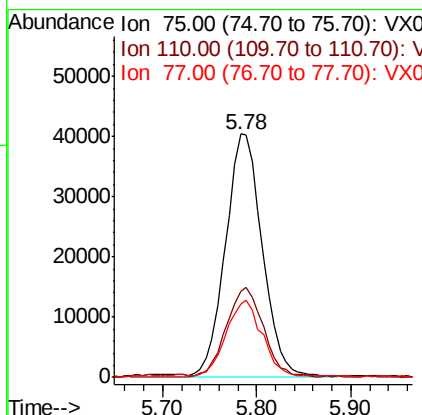
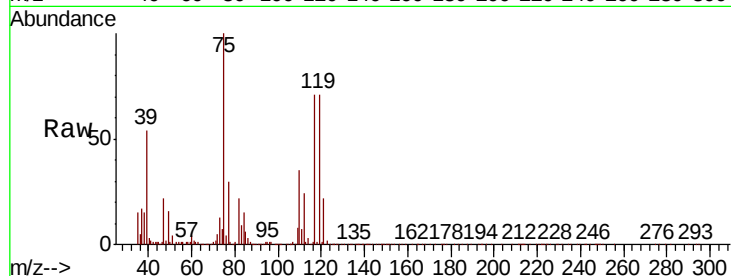
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	109444
Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	75.0
77	31.2	0.0	64.0



#30

2-Butanone

Concen: 94.514 ug/l

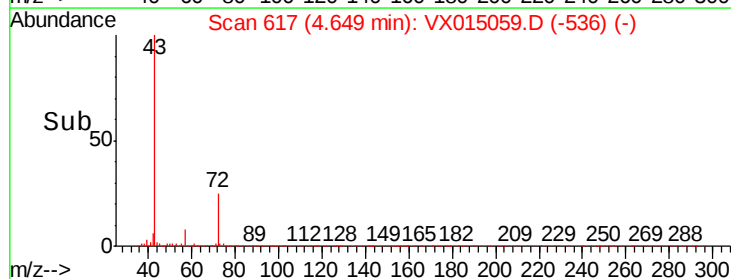
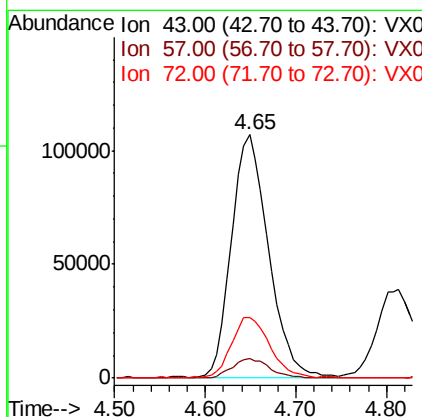
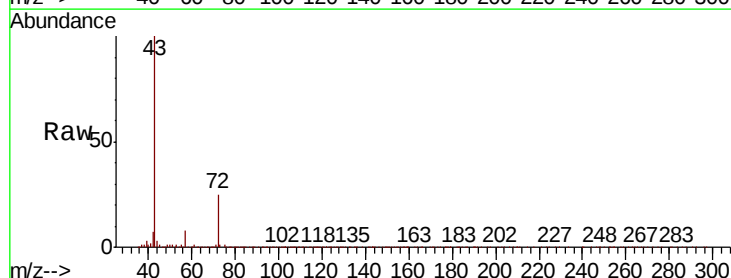
RT: 4.65 min Scan# 617

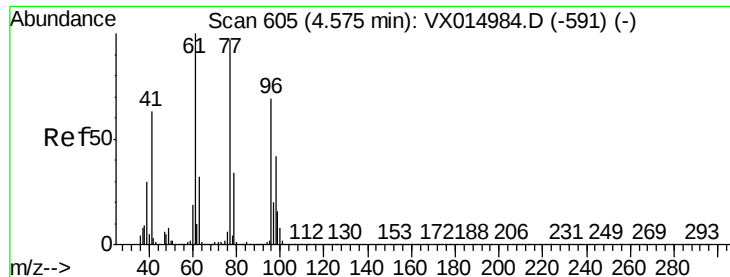
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	43	Resp:	301210
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.5	9.7
72	25.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.092 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

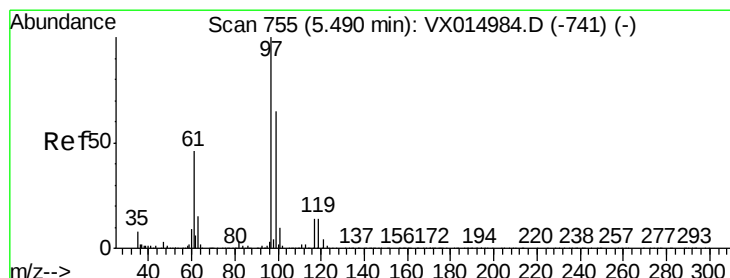
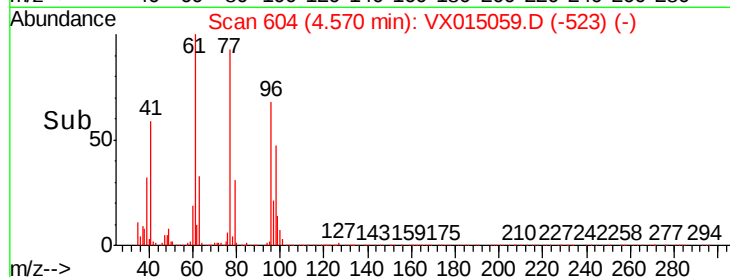
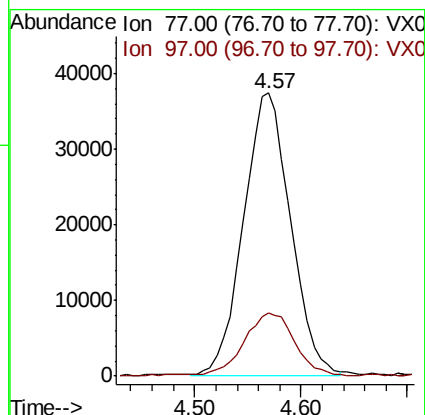
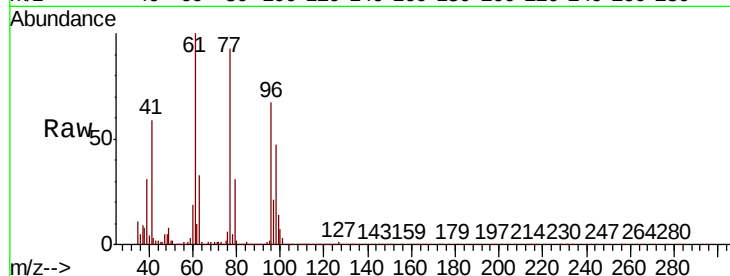
ClientSampleId :

Tot Ion: 77 Resp: 115747

Ion Ratio Lower Upper

77 100

97 23.7 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 19.373 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

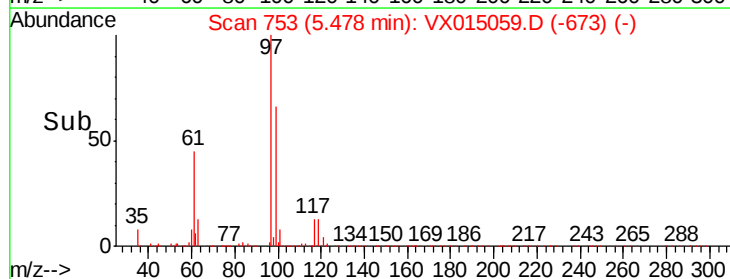
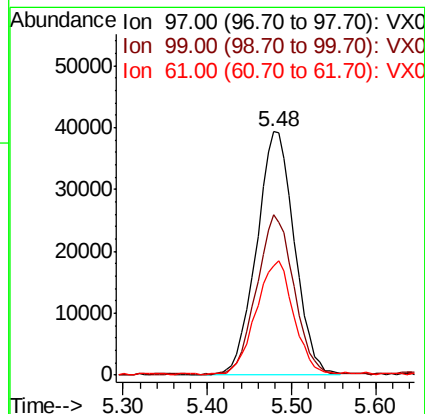
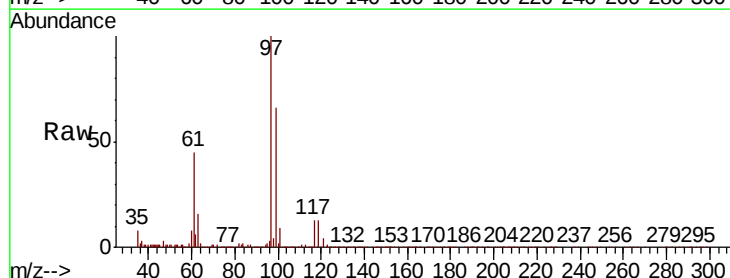
Tgt Ion: 97 Resp: 121471

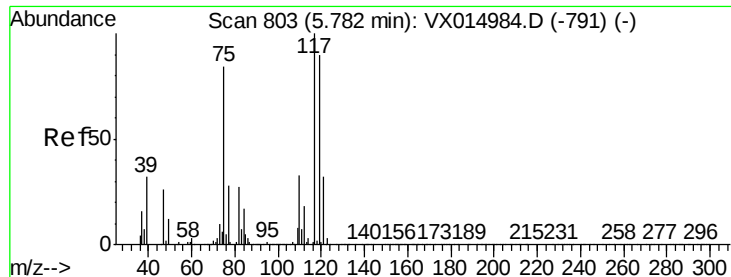
Ion Ratio Lower Upper

97 100

99 64.5 53.0 79.6

61 46.5 36.2 54.2





#33

Carbon Tetrachloride

Concen: 19.209 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

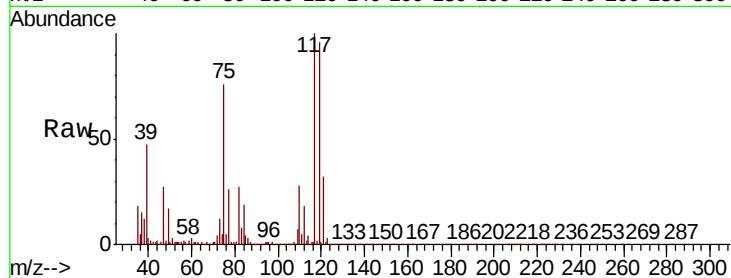
Tot Ion:117 Resp: 105433

Ion Ratio Lower Upper

117 100

119 96.0 71.9 107.9

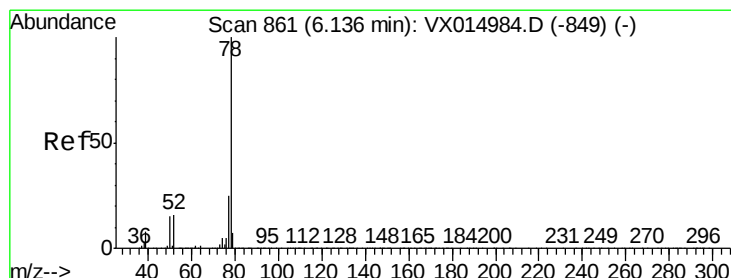
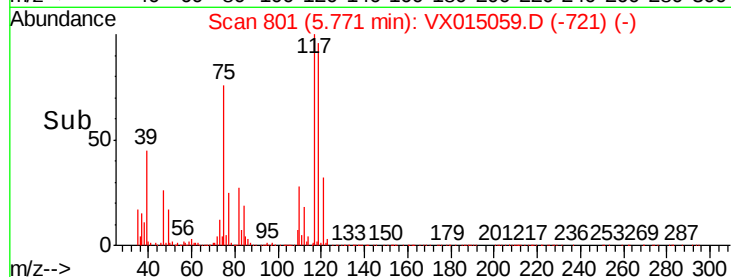
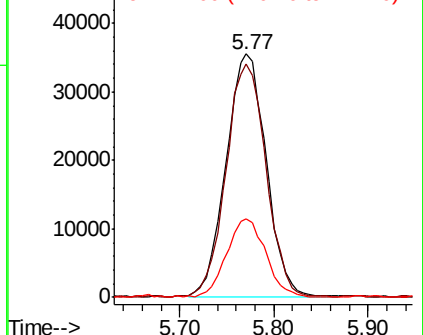
121 31.9 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.898 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

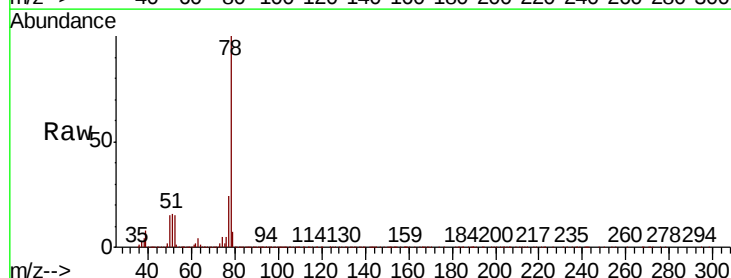
Tgt Ion: 78 Resp: 331501

Ion Ratio Lower Upper

78 100

77 24.3 20.0 30.0

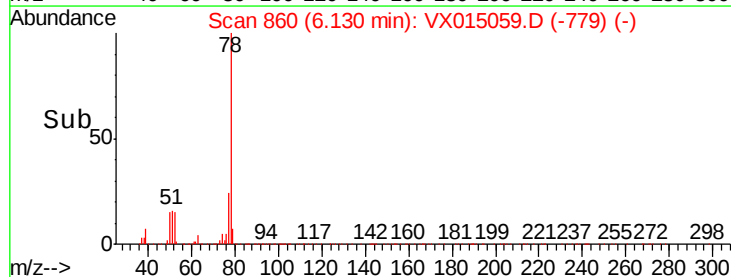
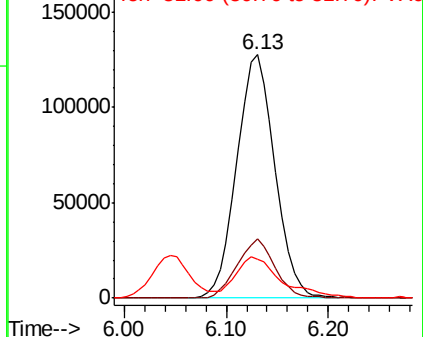
51 15.0 13.3 19.9

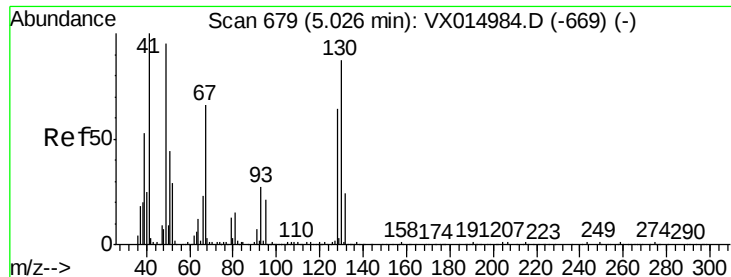


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

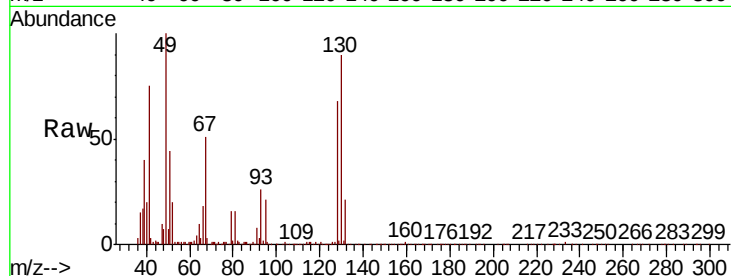




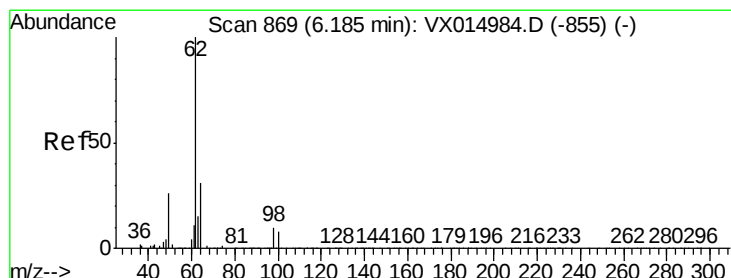
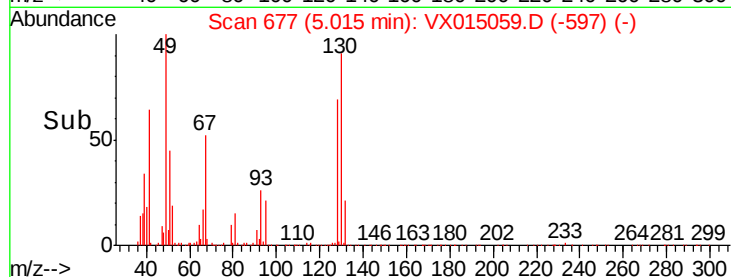
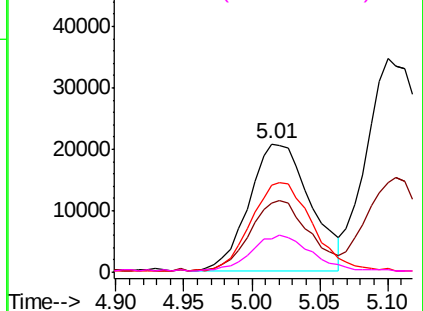
#35
Methacrylonitrile
Concen: 19.979 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 64949
Ion Ratio Lower Upper
41 100
39 53.1 25.9 77.7
67 68.1 32.7 98.1
52 25.9 13.8 41.4

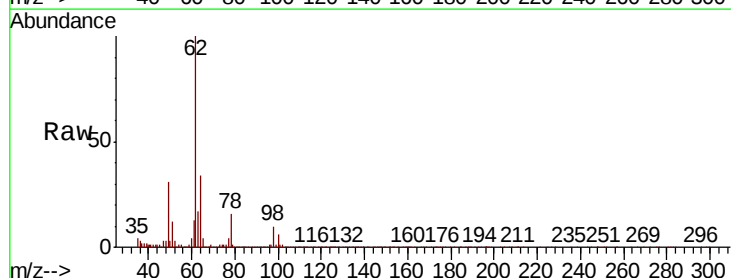


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

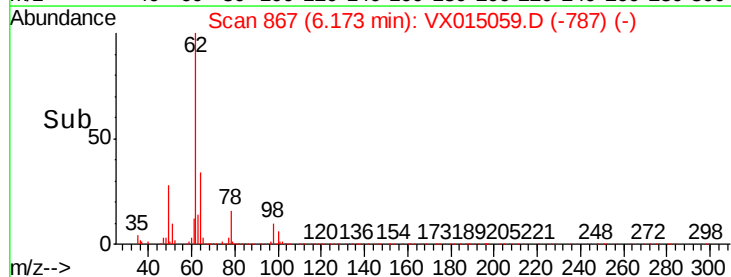
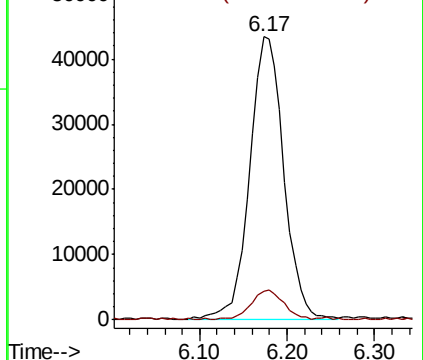


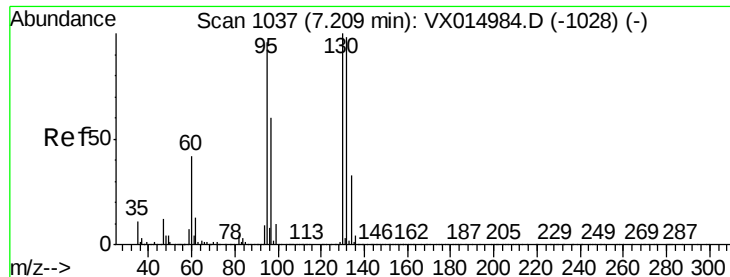
#36
1,2-Dichloroethane
Concen: 19.827 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 62 Resp: 116922
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.928 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

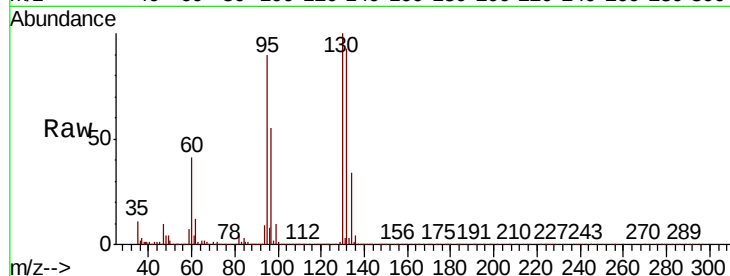
ClientSampled :

Tot Ion:130 Resp: 93218

Ion Ratio Lower Upper

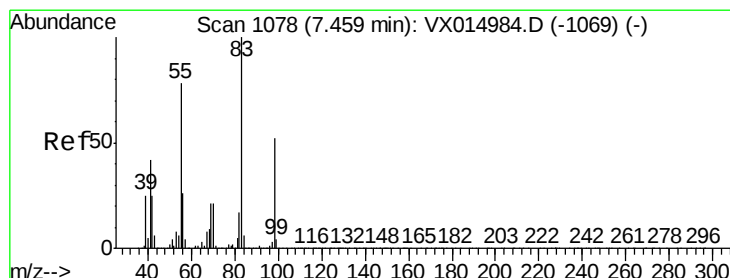
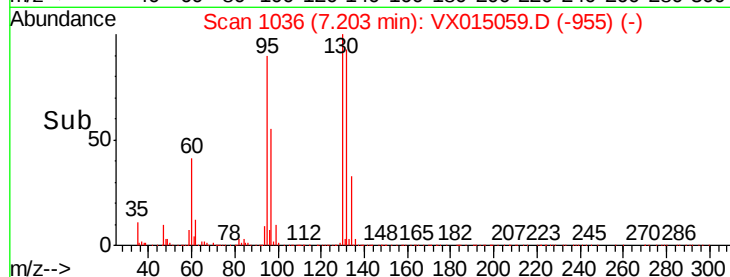
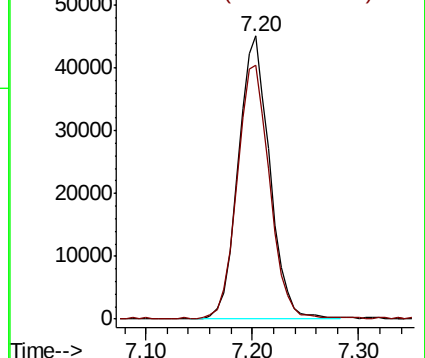
130 100

95 89.9 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.641 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

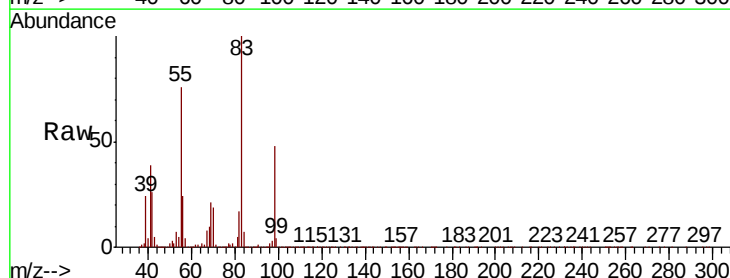
Tgt Ion: 83 Resp: 134418

Ion Ratio Lower Upper

83 100

55 76.7 38.2 114.6

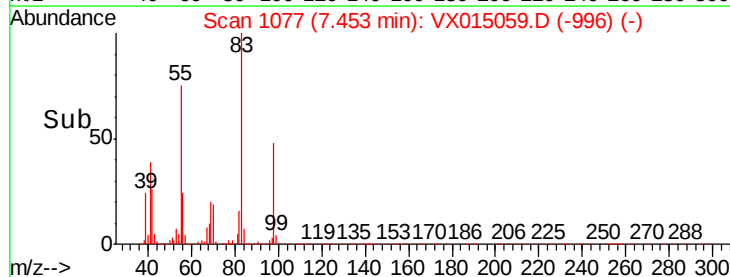
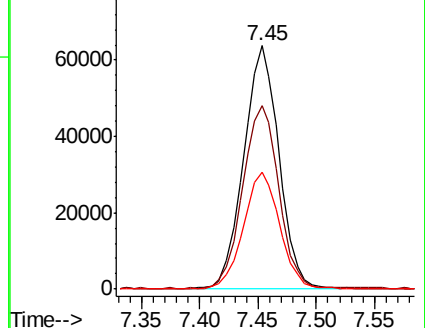
98 48.8 25.3 75.8

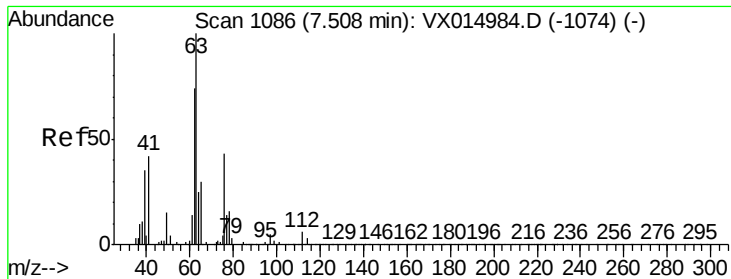


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

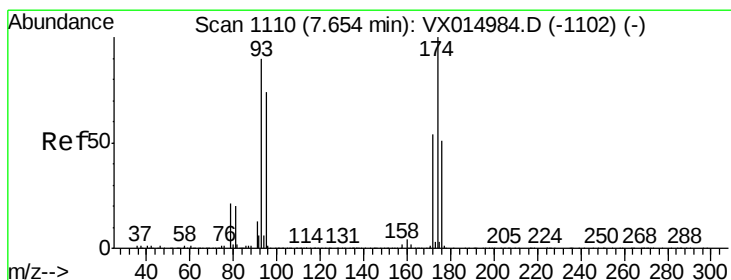
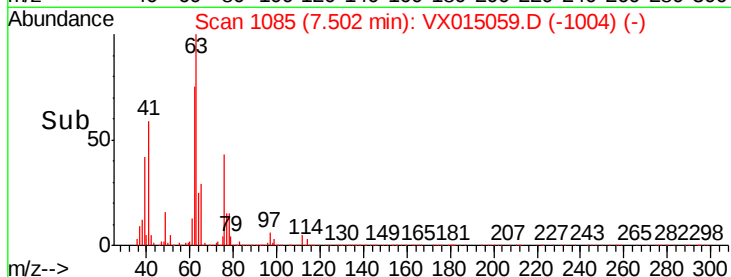
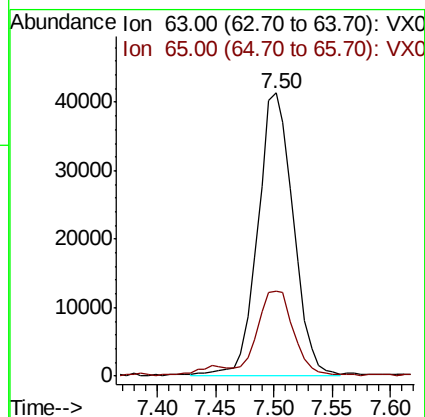
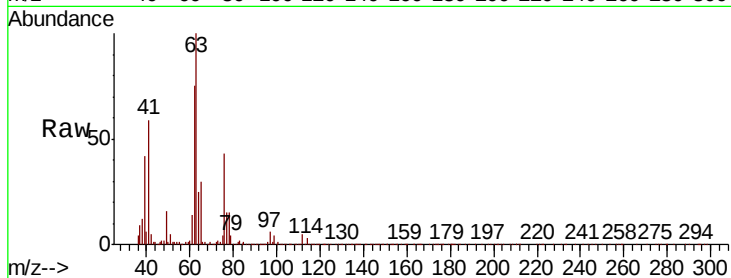




#39
 1,2-Dichloropropane
 Concen: 20.206 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

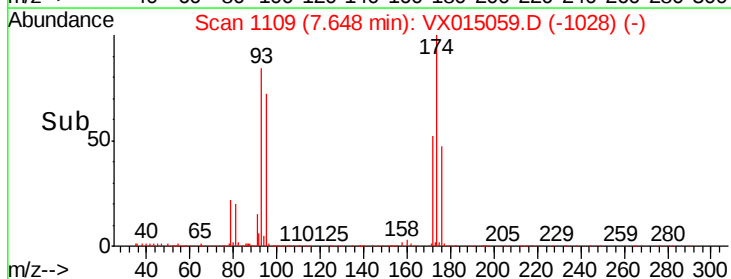
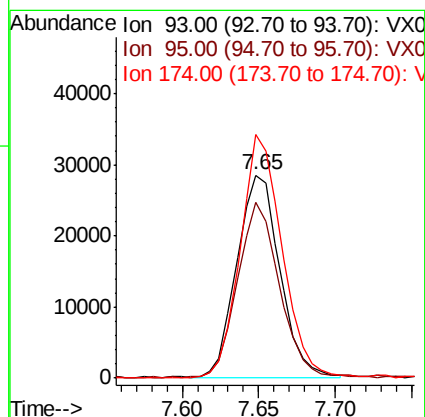
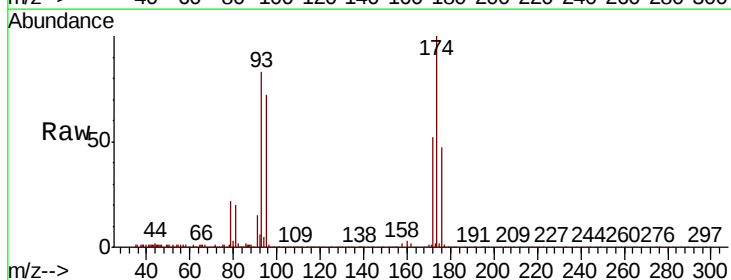
Instrument :
 MSVOA_X
 ClientSampleId :

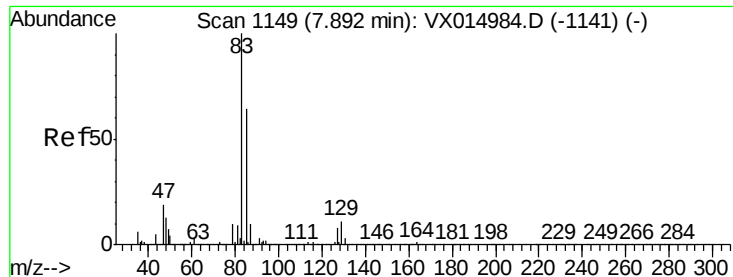
Tot Ion: 63 Resp: 86654
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8



#40
 Dibromomethane
 Concen: 19.416 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion: 93 Resp: 55599
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 164.6
 174 117.1 0.0 226.4





#41

Bromodichloromethane

Concen: 19.669 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

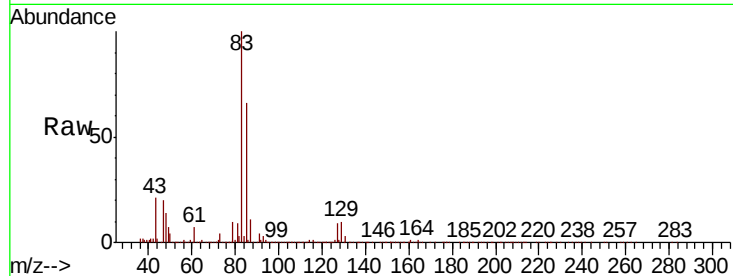
Tot Ion: 83 Resp: 111259

Ion Ratio Lower Upper

83 100

85 66.0 51.0 76.4

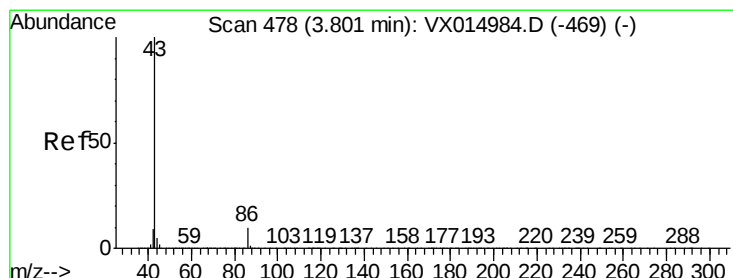
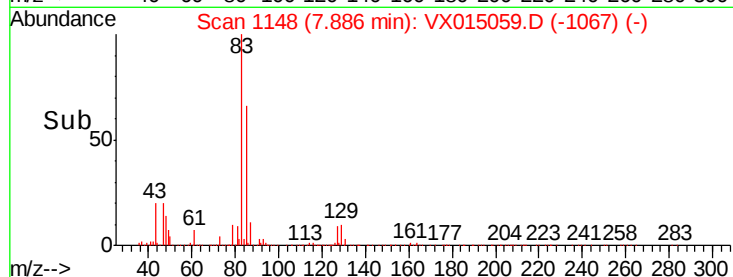
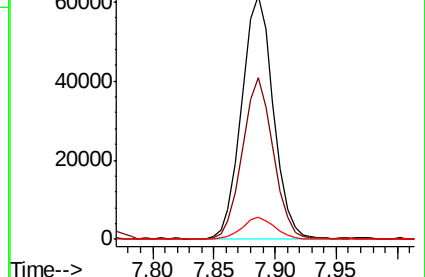
127 9.0 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 101.160 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX015059.D

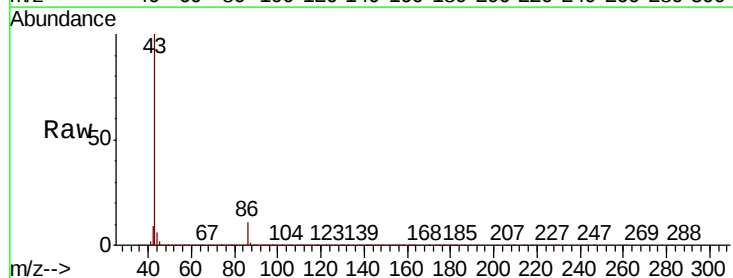
Acq: 28 Feb 2020 15:44

Tgt Ion: 43 Resp: 1134743

Ion Ratio Lower Upper

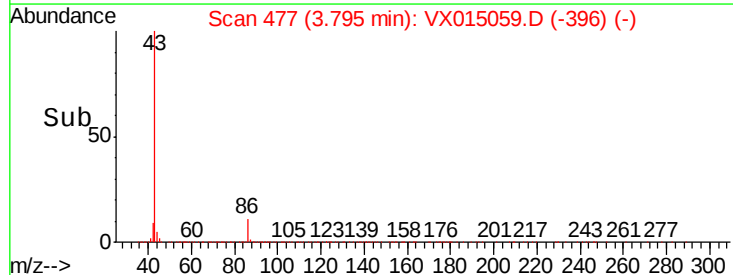
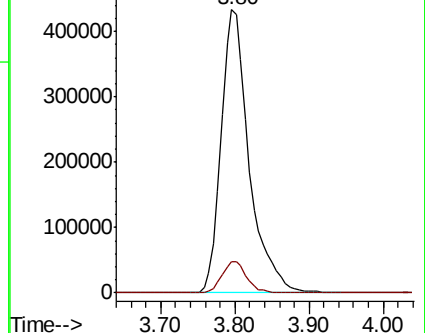
43 100

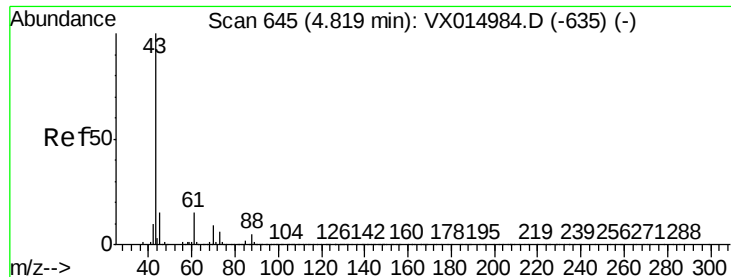
86 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

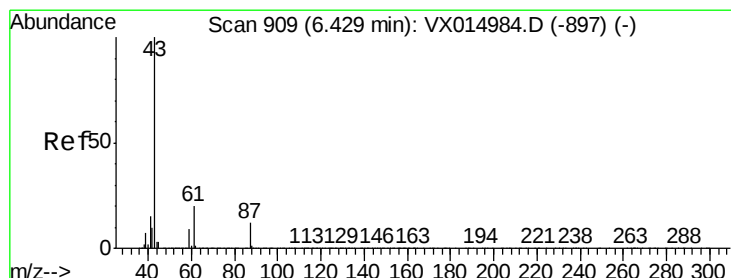
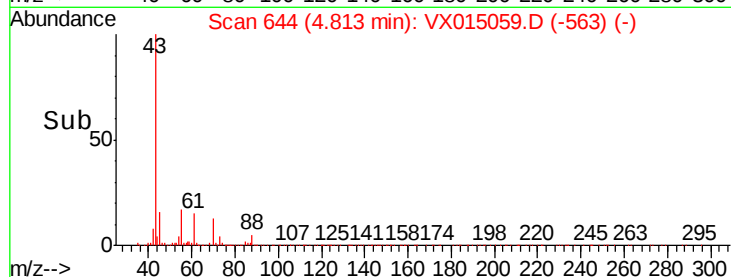
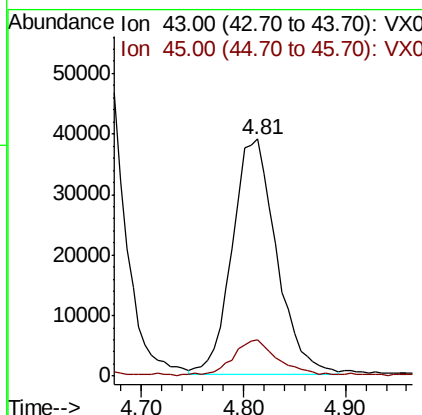
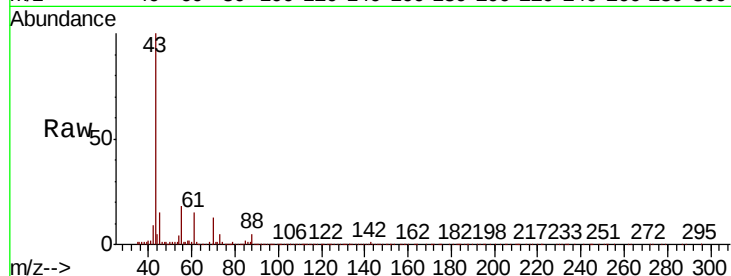




#43
Ethyl Acetate
Concen: 20.273 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

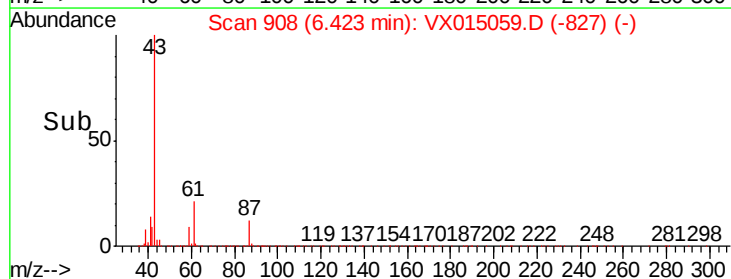
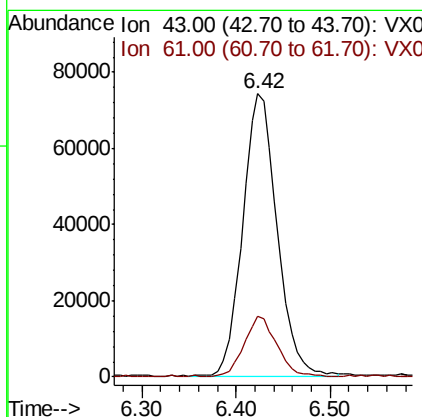
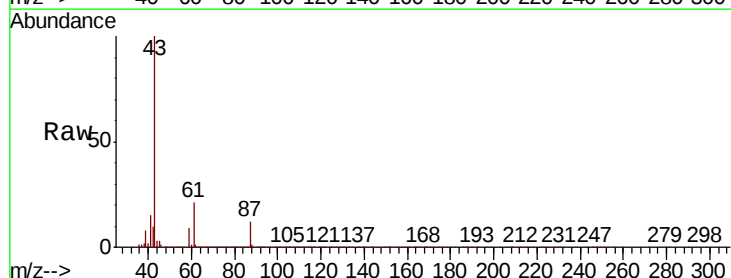
Instrument :
MSVOA_X
ClientSampleId :

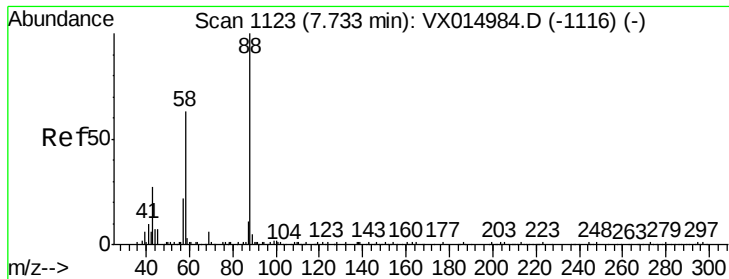
Tot Ion: 43 Resp: 116900
Ion Ratio Lower Upper
43 100
45 15.0 10.8 16.2



#44
Isopropyl Acetate
Concen: 19.481 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 43 Resp: 188846
Ion Ratio Lower Upper
43 100
61 20.2 15.6 23.4

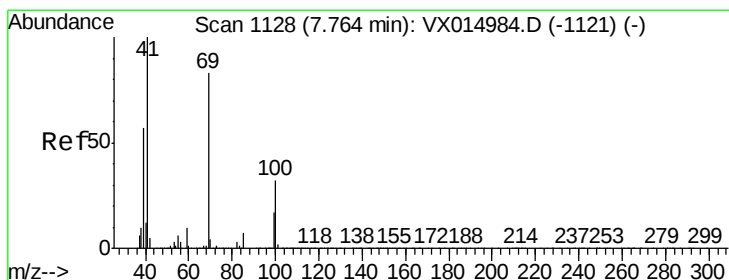
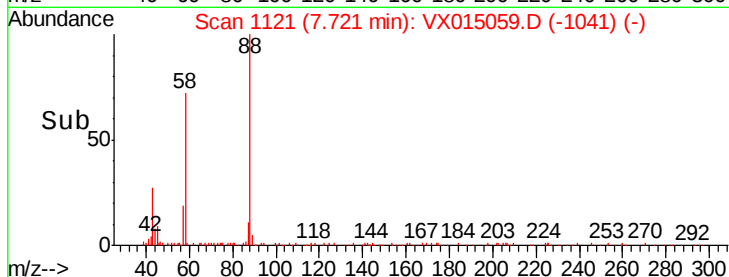
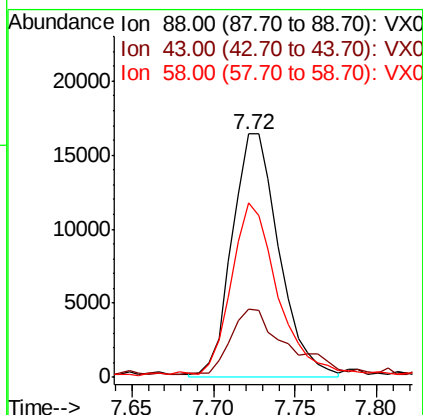
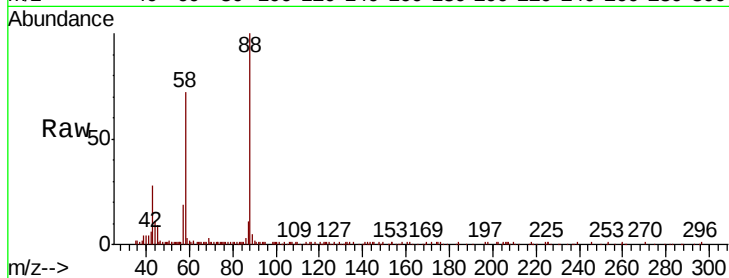




#45
1,4-Dioxane
Concen: 366.390 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

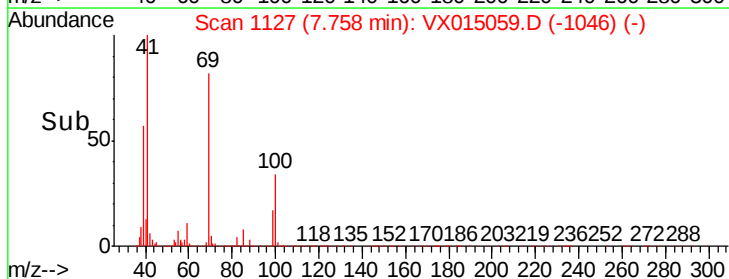
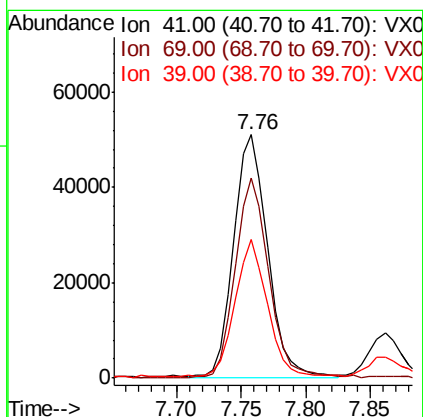
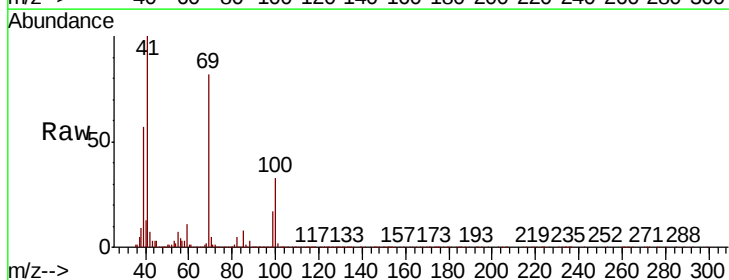
Instrument :
MSVOA_X
ClientSampleId :

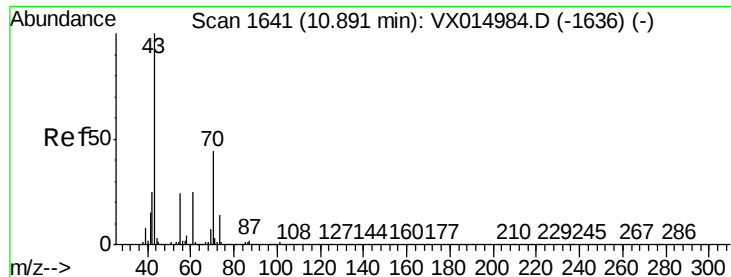
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.0	25.4	38.2
58	70.6	55.8	83.8



#46
Methyl methacrylate
Concen: 19.424 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.8	41.4	124.2
39	56.0	28.3	84.9





#47

n-amvl Acetate

Concen: 18.418 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

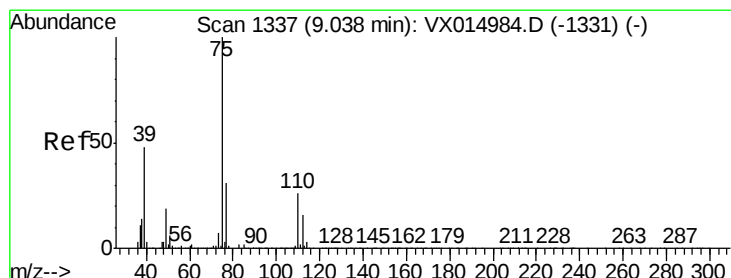
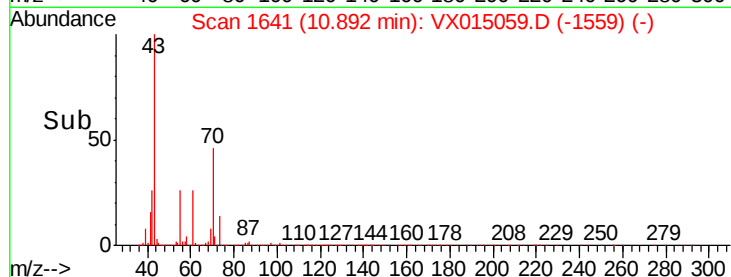
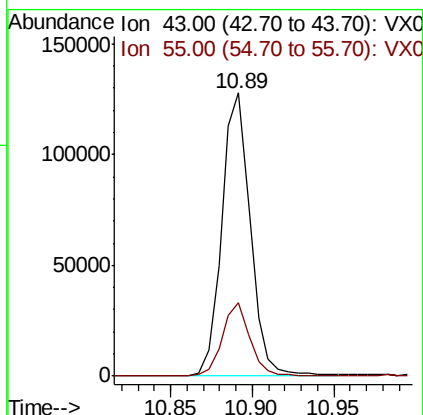
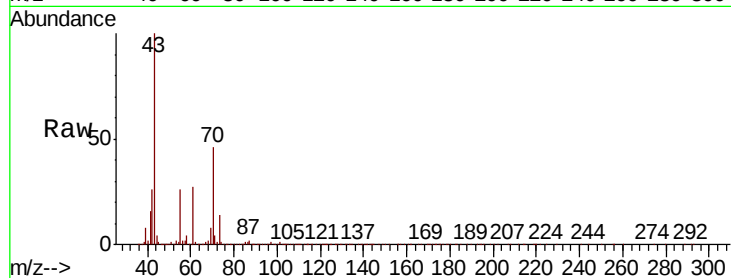
ClientSampleId :

Tot Ion: 43 Resp: 154669

Ion Ratio Lower Upper

43 100

55 24.9 19.2 28.8



#48

t-1,3-Dichloropropene

Concen: 18.713 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015059.D

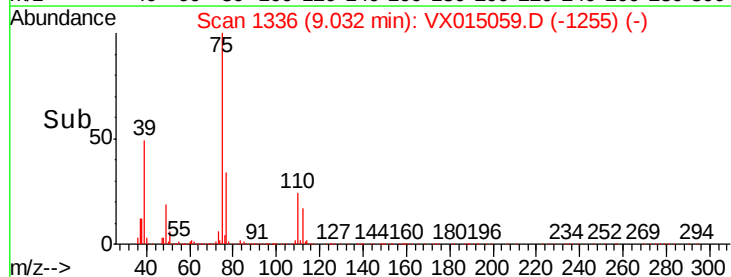
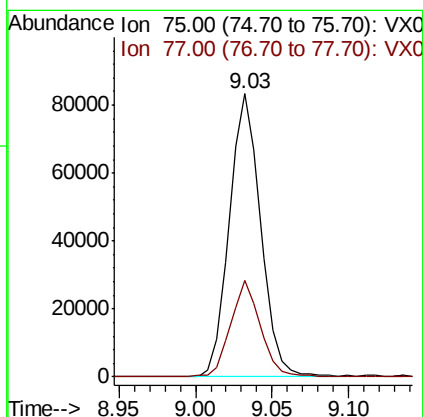
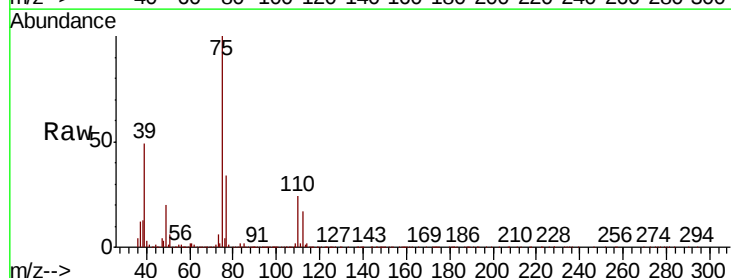
Acq: 28 Feb 2020 15:44

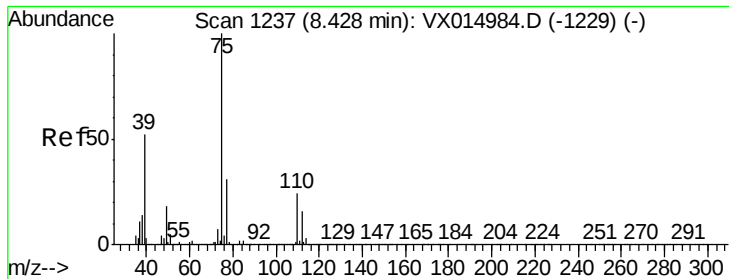
Tgt Ion: 75 Resp: 117443

Ion Ratio Lower Upper

75 100

77 34.2 24.6 36.8



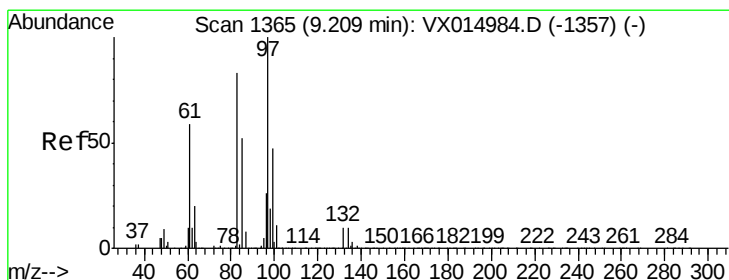
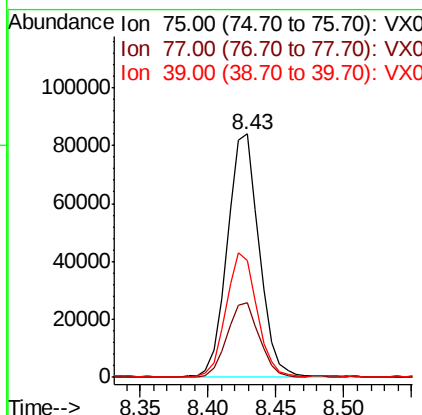
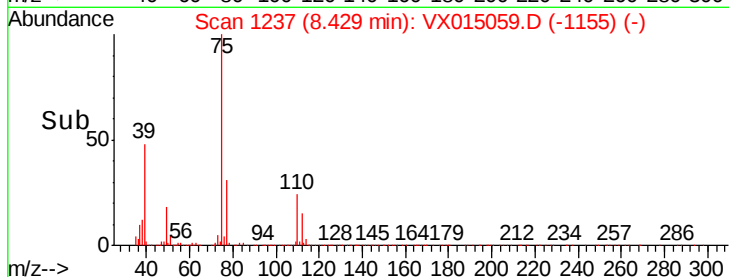
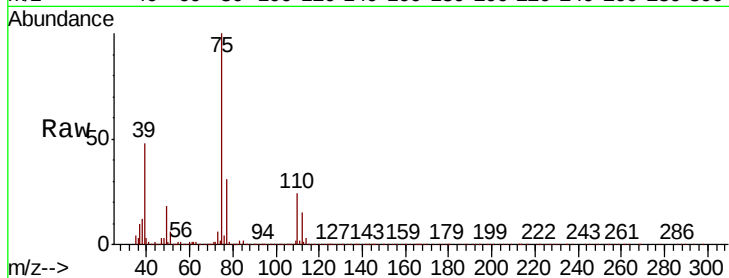


#49

cis-1,3-Dichloropropene
Concen: 19.672 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampled :

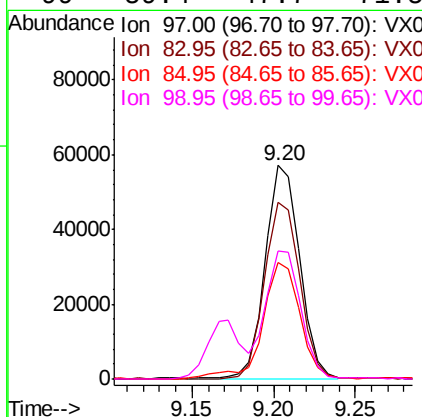
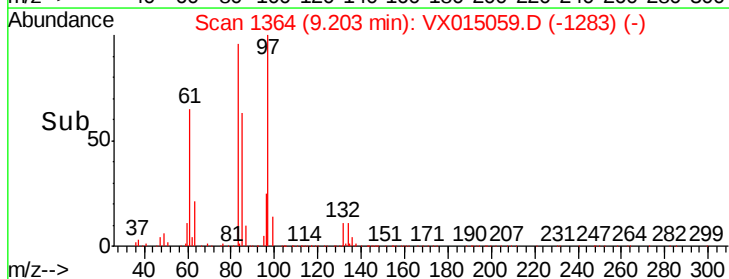
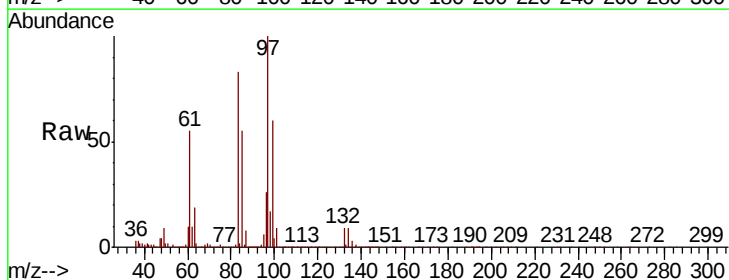
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	48.0	41.5	62.3

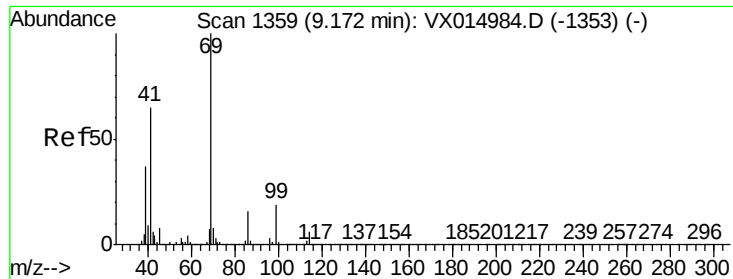


#50

1,1,2-Trichloroethane
Concen: 19.831 ug/l
RT: 9.20 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.2	99.2
85	54.3	42.4	63.6
99	59.4	47.7	71.5





#51

Ethyl methacrylate

Concen: 18.698 ug/l

RT: 9.17 min Scan# 1358

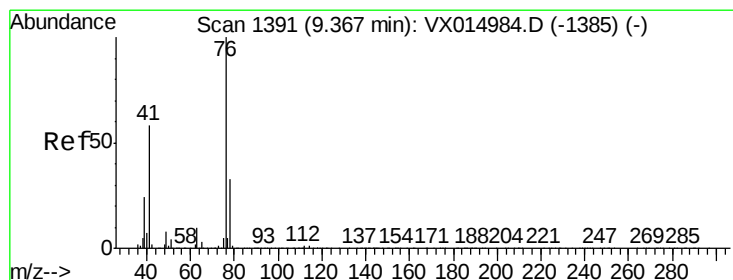
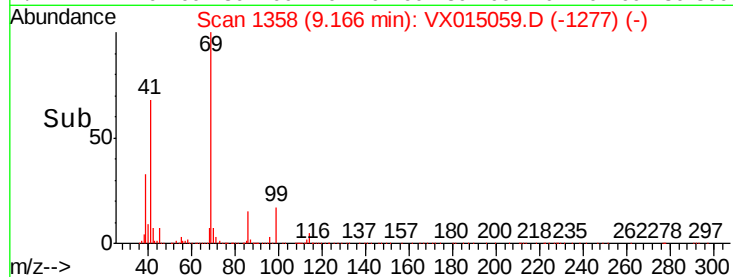
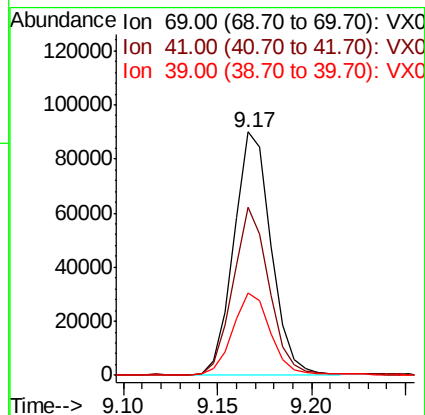
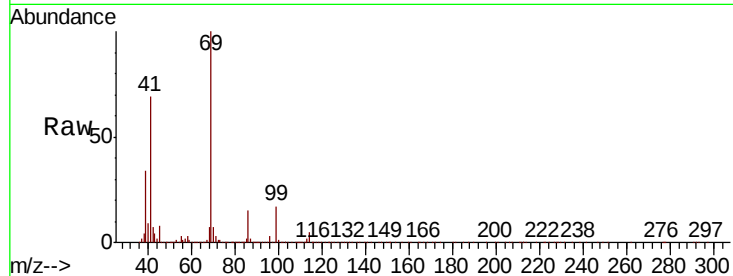
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	123119
Ion	Ratio	Lower	Upper
69	100		
41	68.8	32.7	98.1
39	33.9	18.2	54.6



#52

1,3-Dichloropropane

Concen: 19.746 ug/l

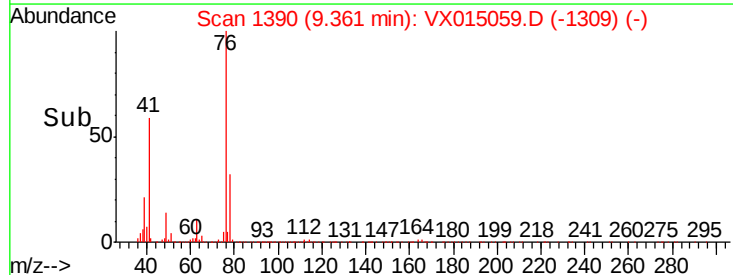
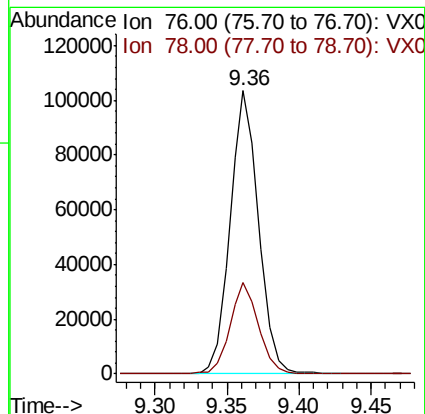
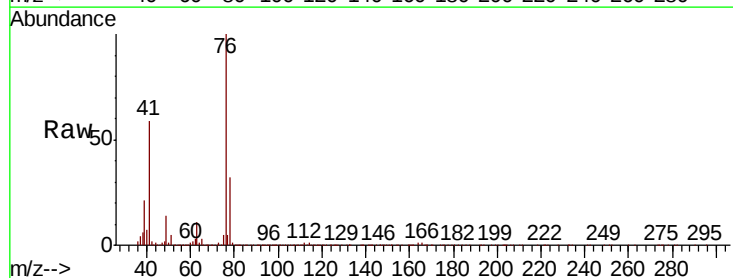
RT: 9.36 min Scan# 1390

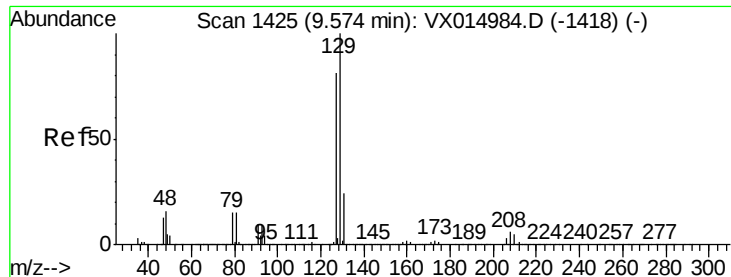
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	76	Resp:	142512
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	65.0





#53

Dibromochloromethane

Concen: 18.759 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

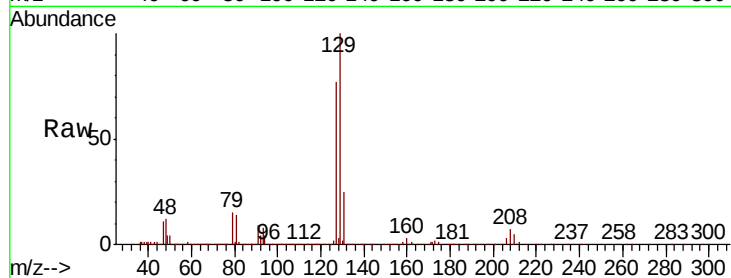
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 86528

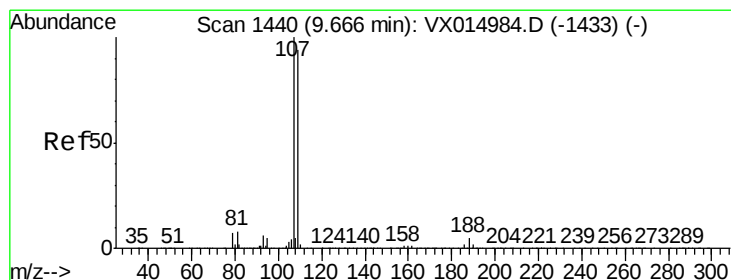
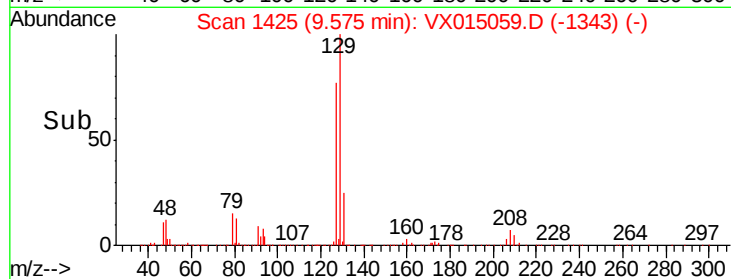
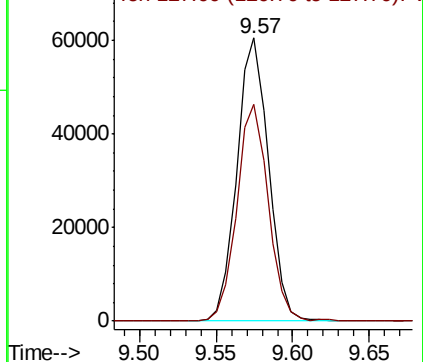
Ion Ratio Lower Upper

129 100

127 76.0 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.151 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015059.D

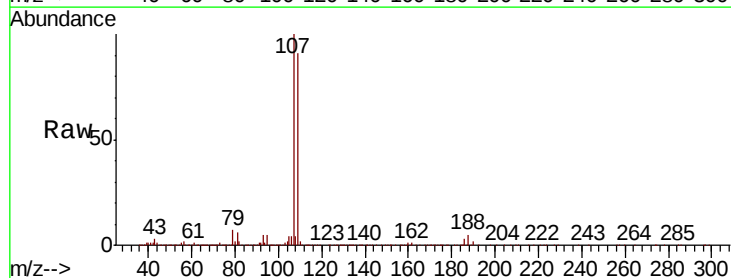
Acq: 28 Feb 2020 15:44

Tgt Ion:107 Resp: 86747

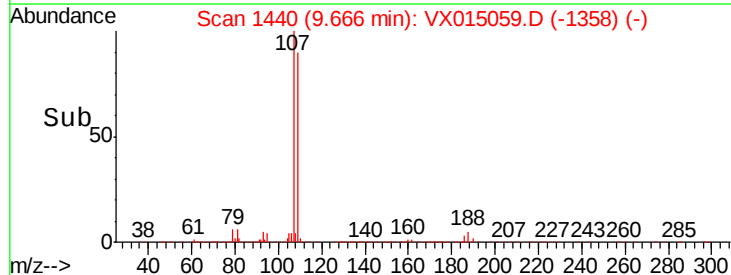
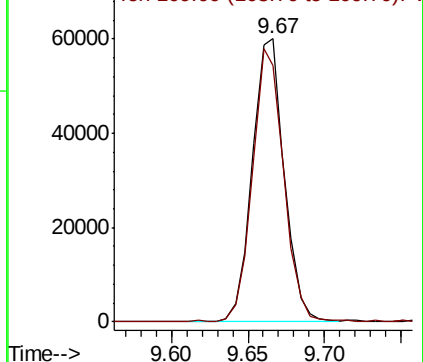
Ion Ratio Lower Upper

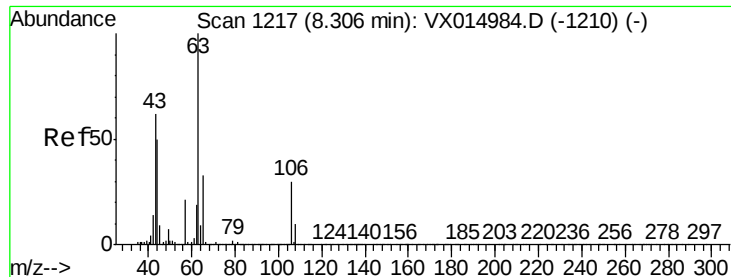
107 100

109 95.2 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

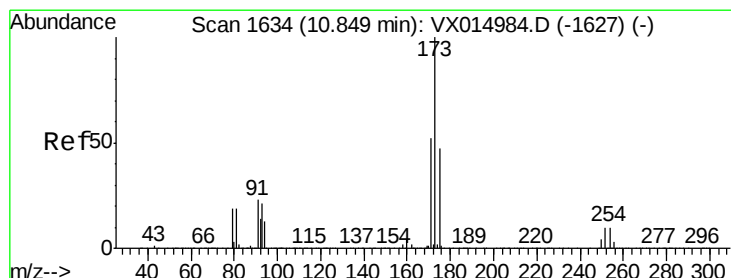
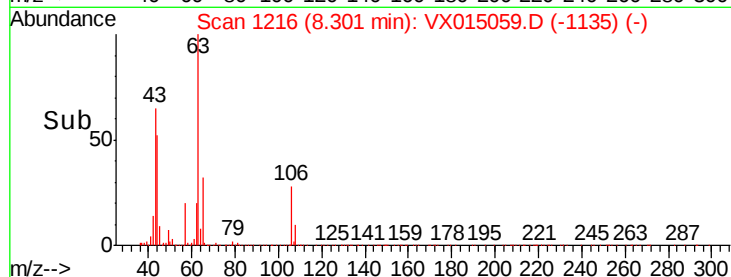
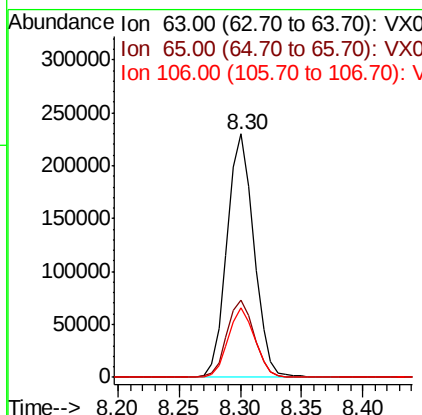
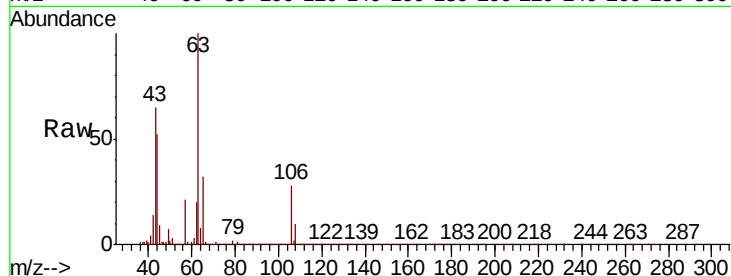




#55
2-Chloroethyl vinyl ether
Concen: 99.599 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

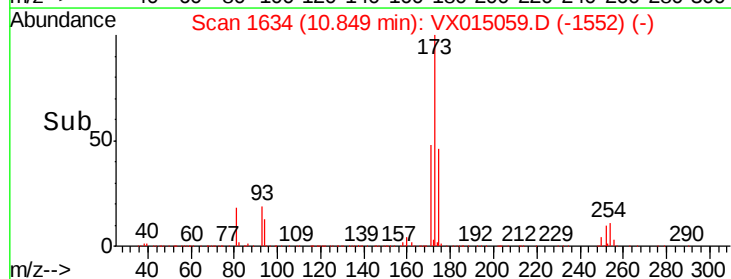
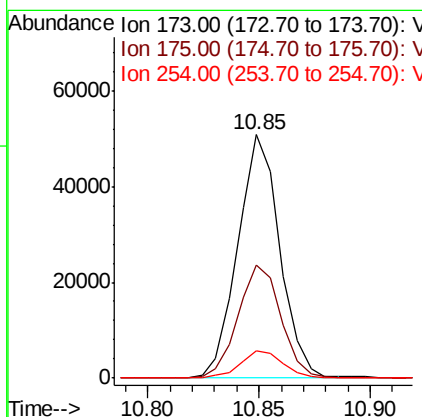
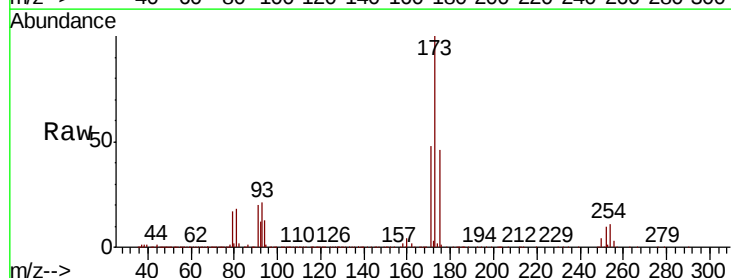
Instrument :
MSVOA_X
ClientSampleId :

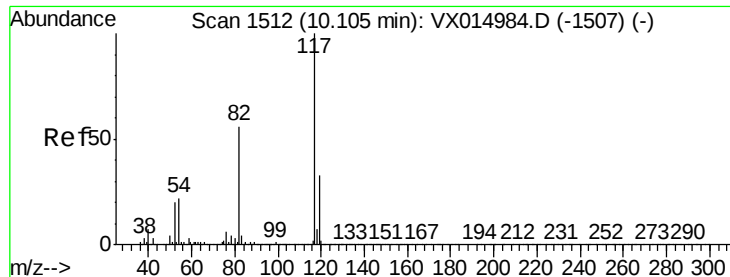
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	28.2	23.9	35.9



#56
Bromoform
Concen: 18.515 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	57.8
254	11.4	8.6	13.0

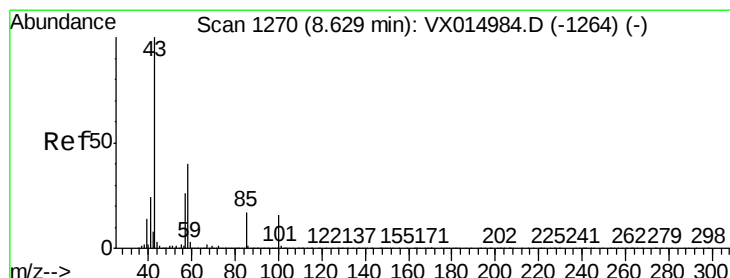
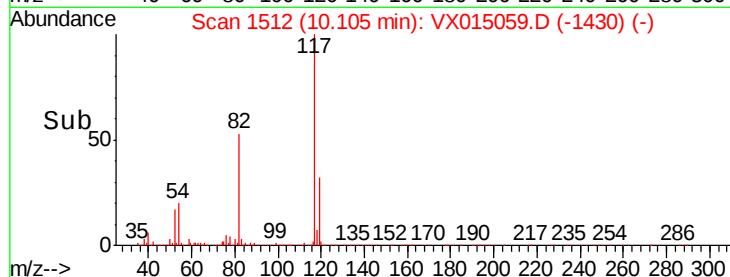
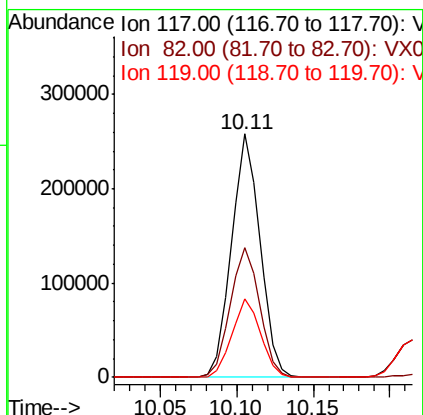
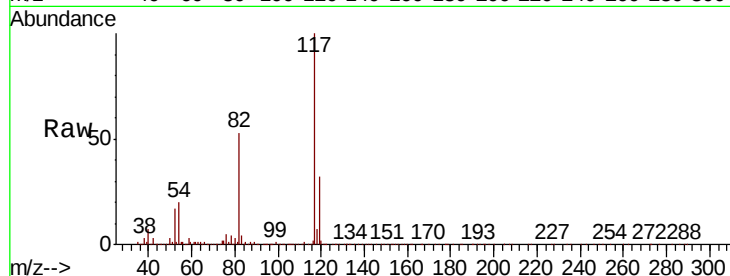




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

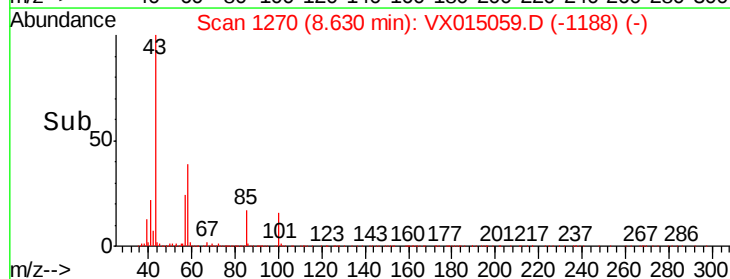
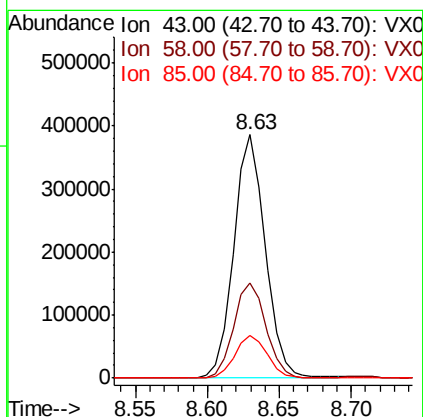
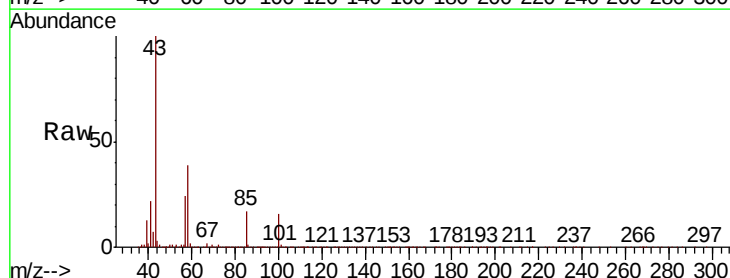
Instrument :
MSVOA_X
ClientSampleId :

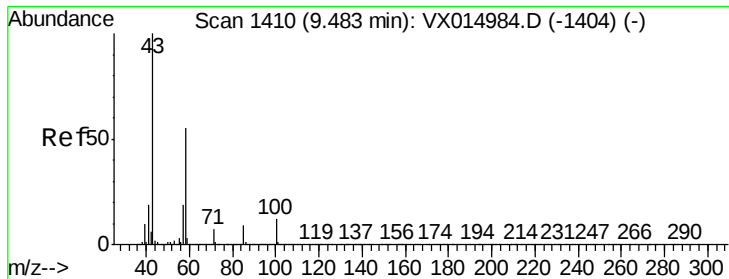
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.2
119	32.2	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 106.812 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.7	47.5
85	18.0	14.4	21.6

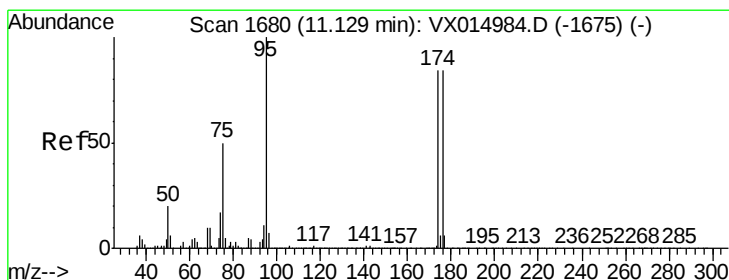
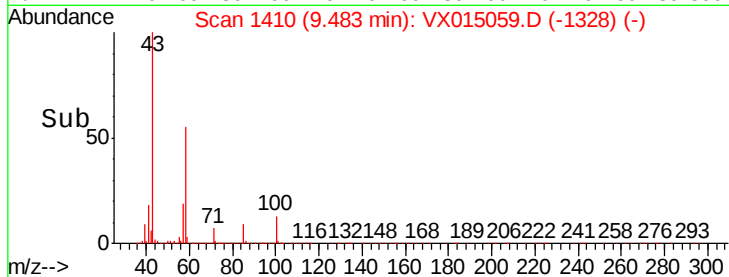
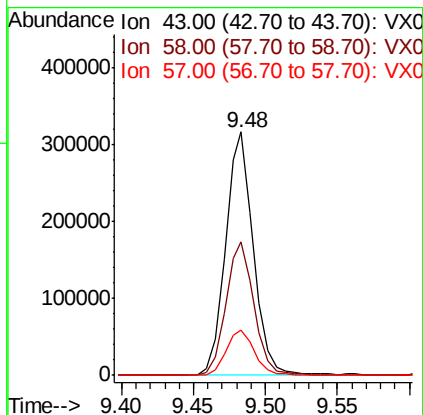
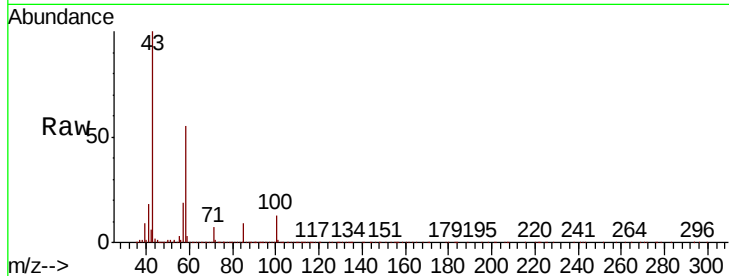




#59
2-Hexanone
Concen: 98.861 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

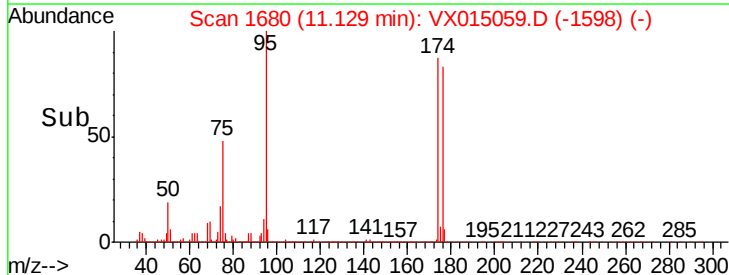
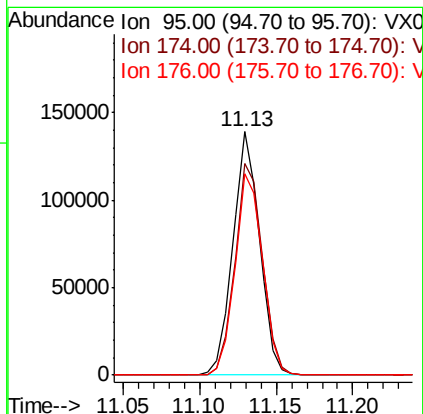
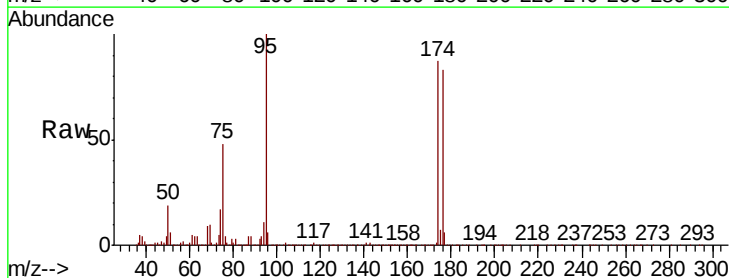
Instrument :
MSVOA_X
ClientSampleId :

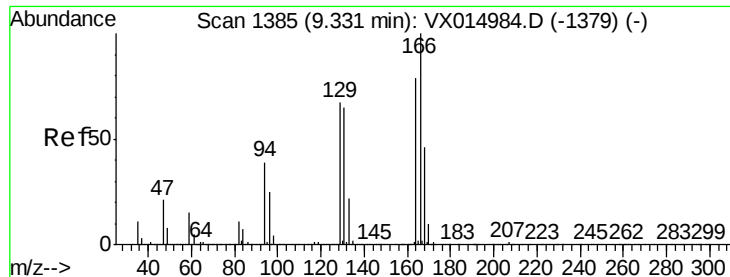
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.1	66.1
57	19.2	15.3	22.9



#60
4-Bromofluorobenzene
Concen: 32.155 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	72.3	108.5
176	85.3	72.0	108.0

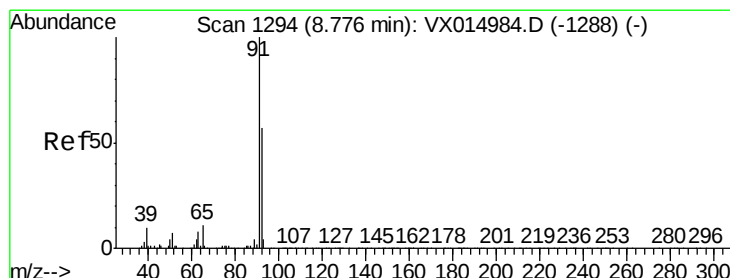
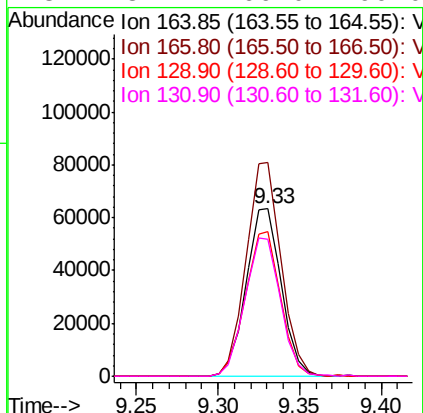
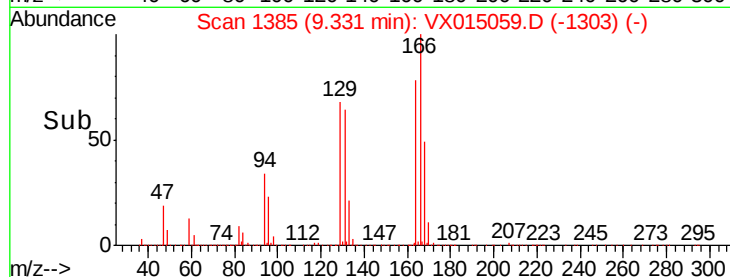
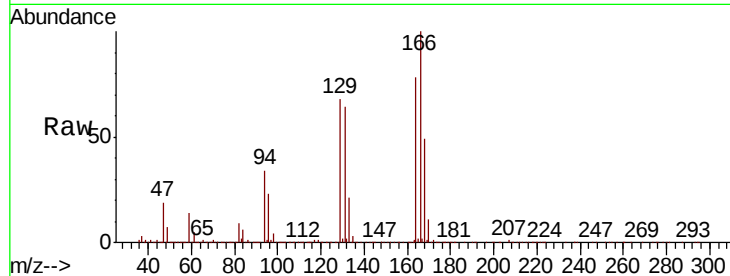




#61
Tetrachloroethene
Concen: 21.088 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

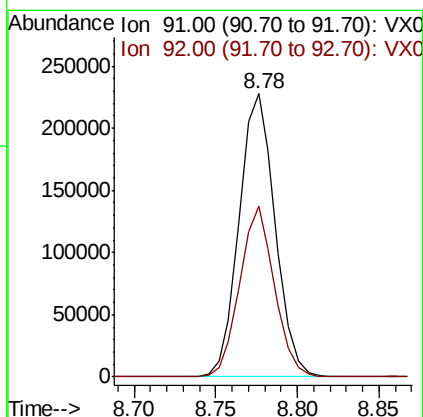
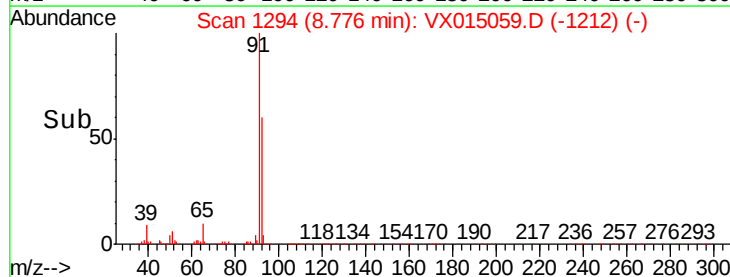
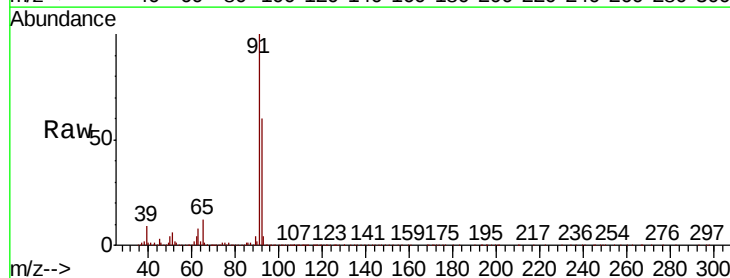
Instrument :
MSVOA_X
ClientSampleId :

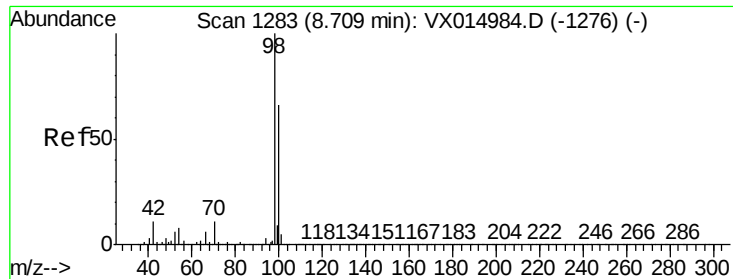
Tot Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.2	151.8
129	86.6	67.6	101.4
131	81.7	66.0	99.0



#62
Toluene
Concen: 20.337 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.6	69.8

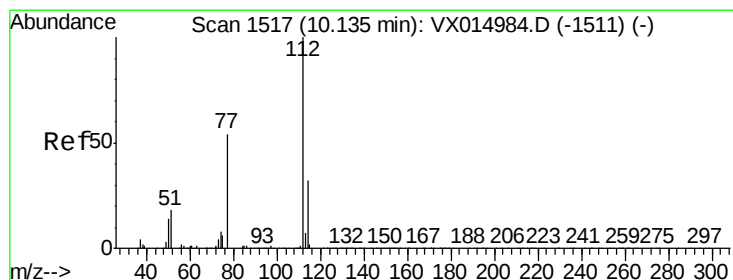
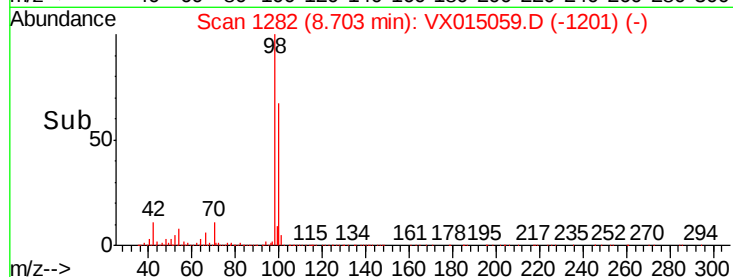
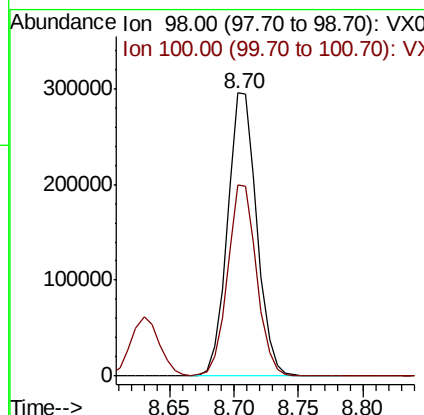
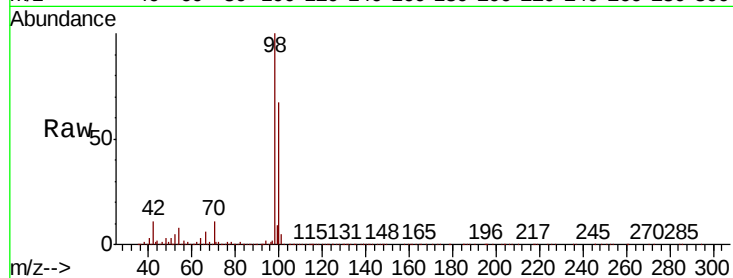




#63
Toluene-d8
Concen: 32.206 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

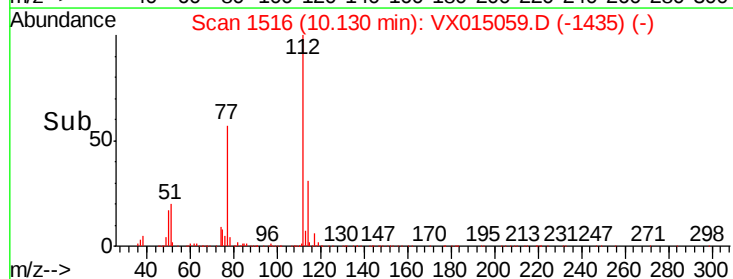
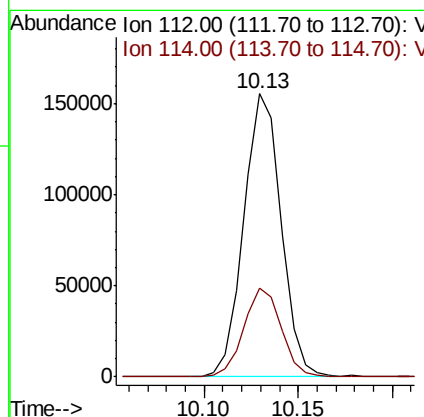
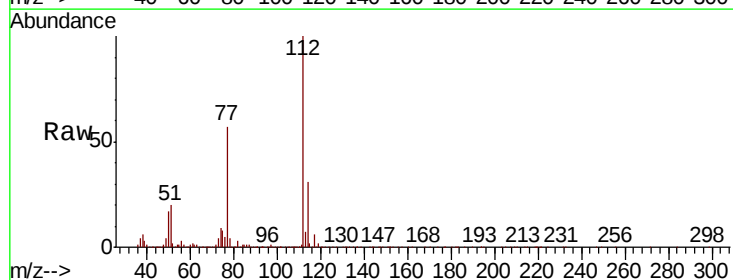
Instrument :
MSVOA_X
ClientSampleId :

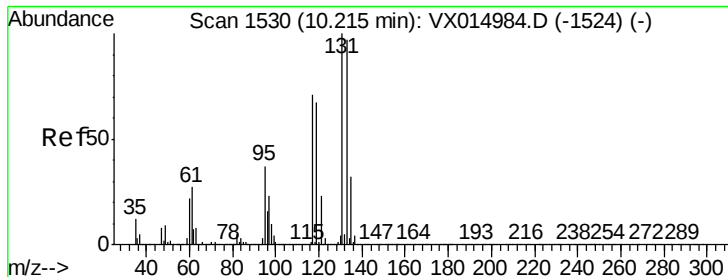
Tot Ion: 98 Resp: 471132
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



#64
Chlorobenzene
Concen: 19.498 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion: 112 Resp: 213845
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.085 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

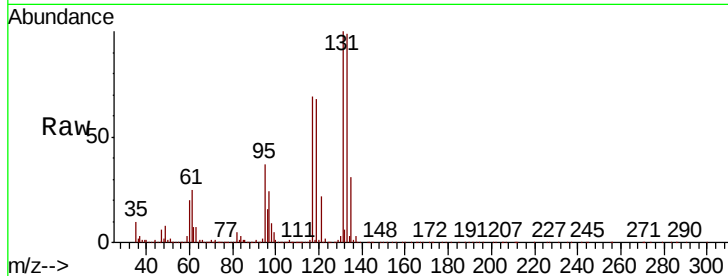
Tot Ion:131 Resp: 77529

Ion Ratio Lower Upper

131 100

133 98.3 0.0 191.4

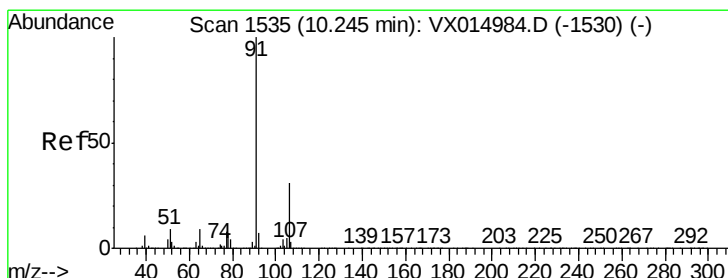
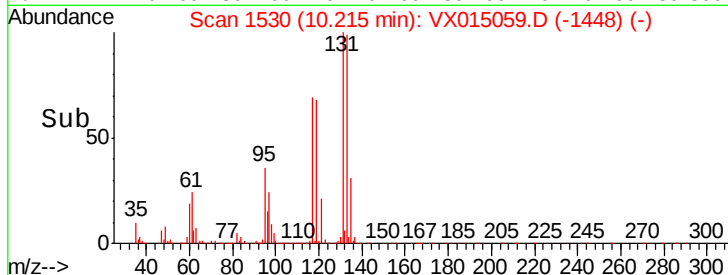
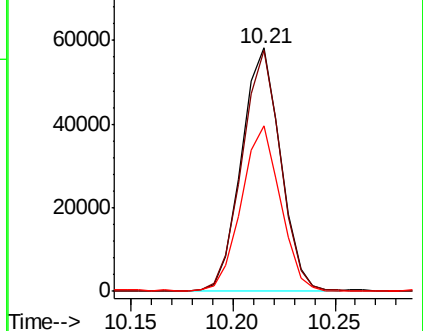
119 67.6 0.0 132.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.553 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015059.D

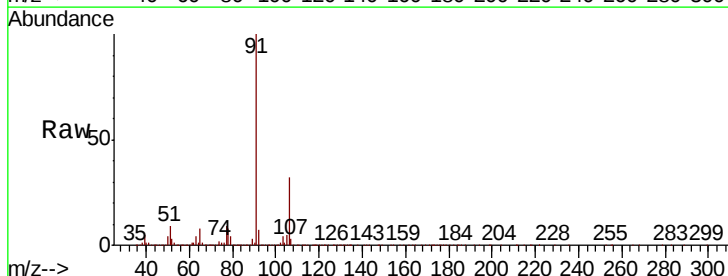
Acq: 28 Feb 2020 15:44

Tgt Ion: 91 Resp: 370098

Ion Ratio Lower Upper

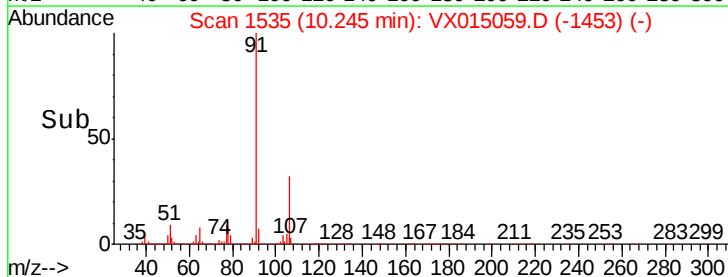
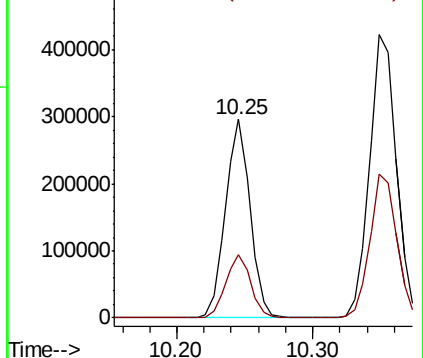
91 100

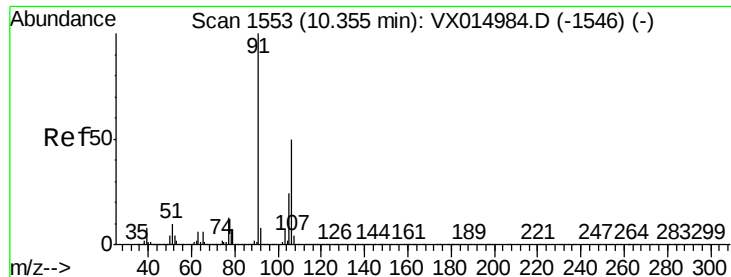
106 31.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

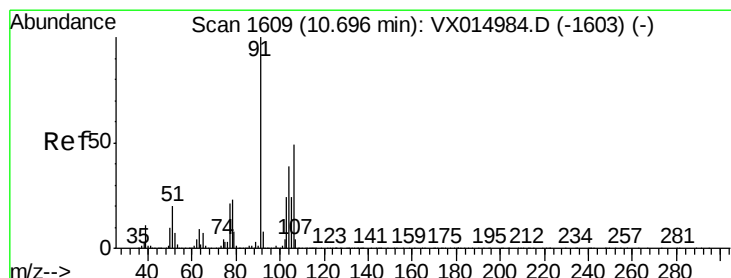
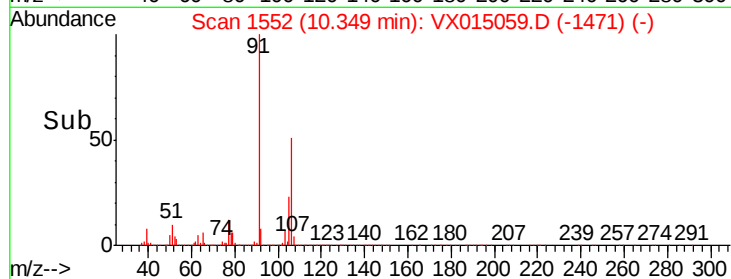
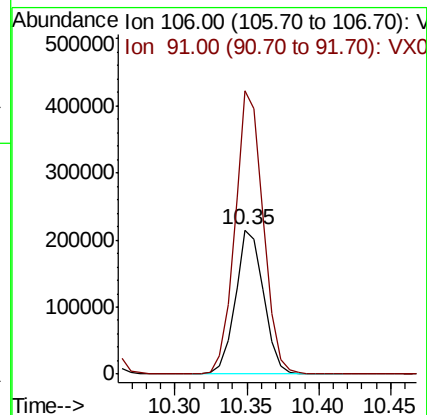
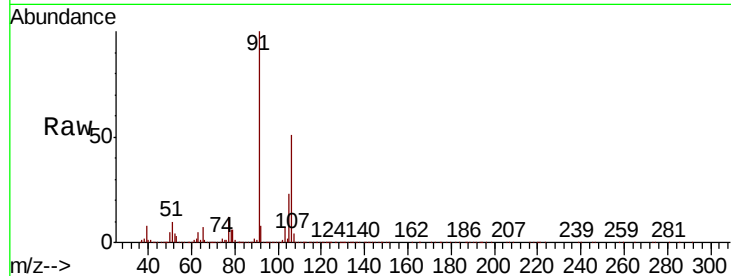




#67
m/p-Xvlenes
Concen: 40.091 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

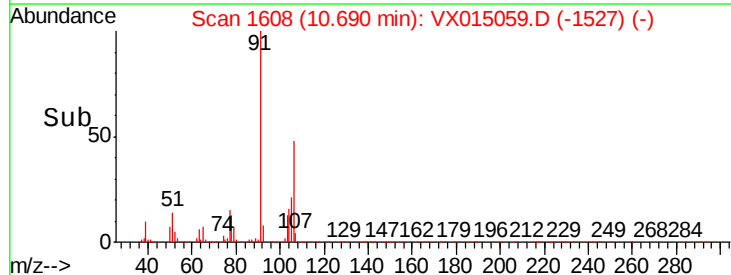
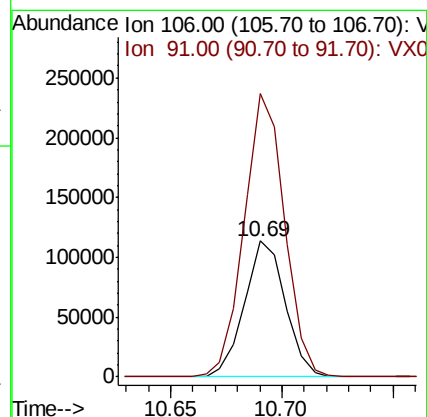
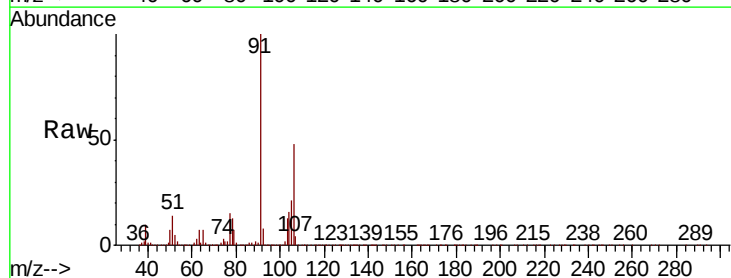
Instrument :
MSVOA_X
ClientSampleId :

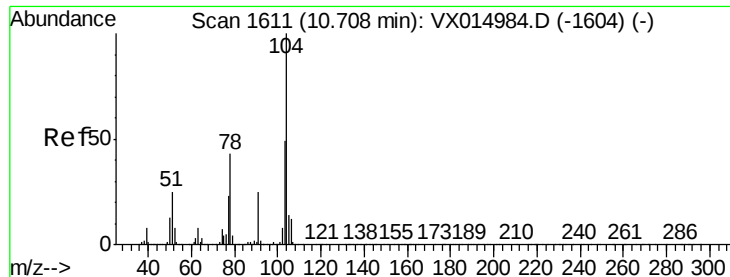
Tot Ion:106 Resp: 292612
Ion Ratio Lower Upper
106 100
91 197.0 160.4 240.6



#68
o-Xylene
Concen: 20.436 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion:106 Resp: 144320
Ion Ratio Lower Upper
106 100
91 207.9 105.3 315.9

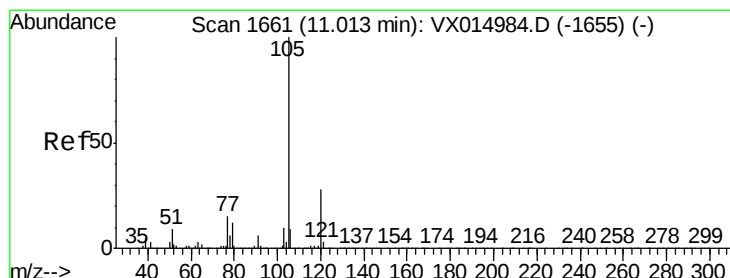
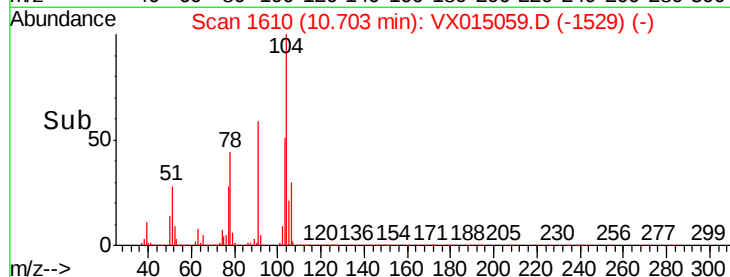
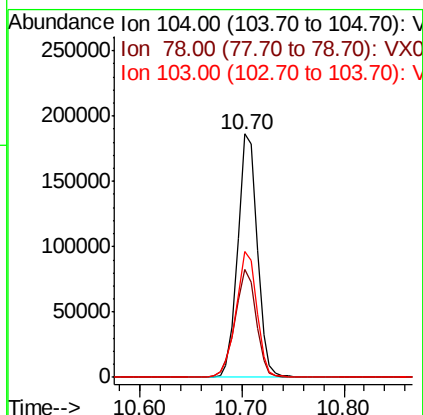
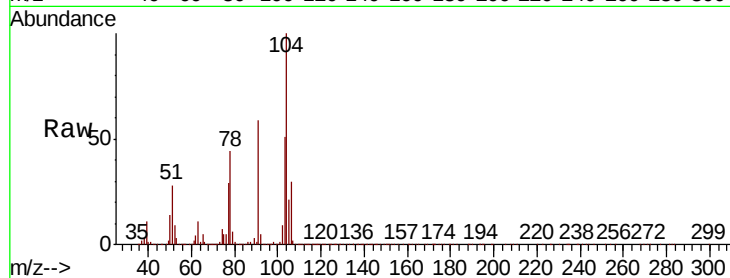




#69
Stvrene
Concen: 20.324 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

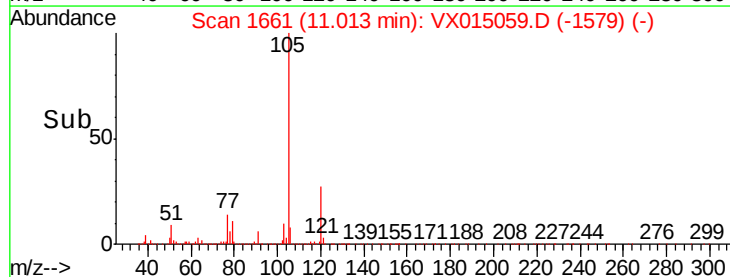
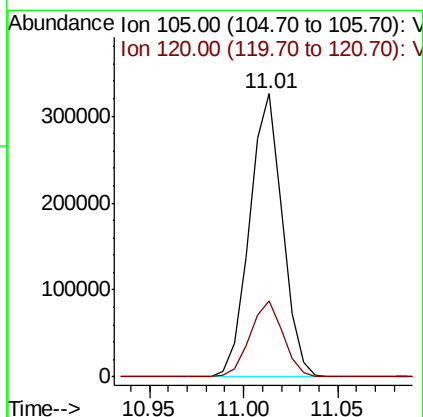
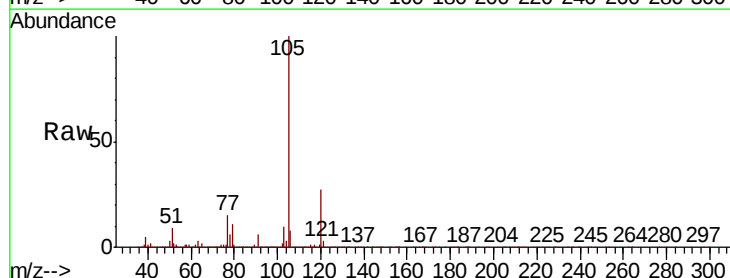
Instrument :
MSVOA_X
ClientSampleId :

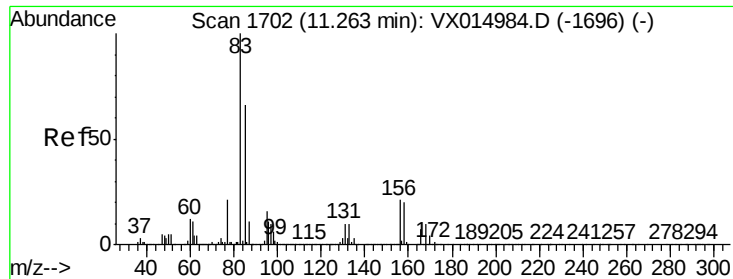
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	39.4	59.2
103	55.0	42.9	64.3



#70
Isopropylbenzene
Concen: 20.979 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.8	35.0

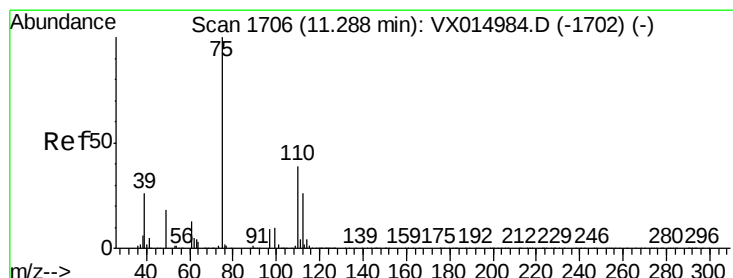
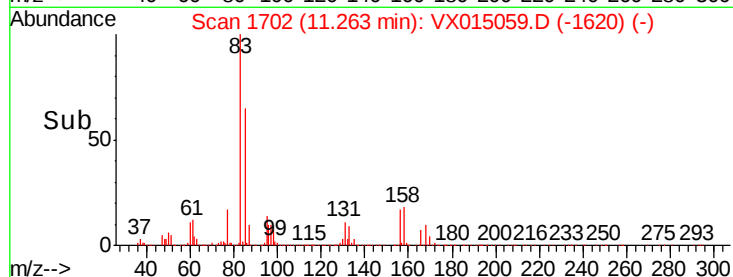
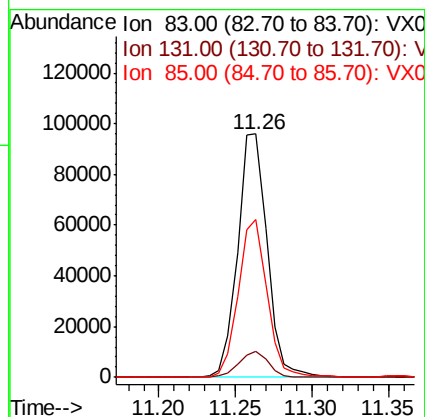
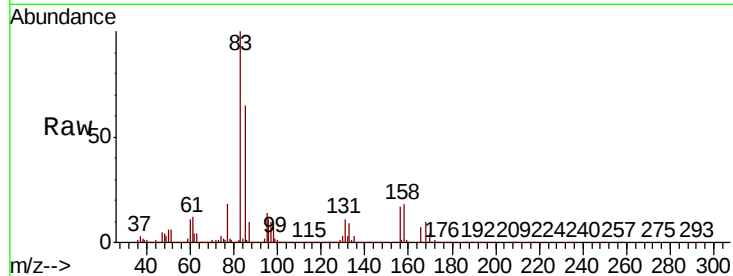




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.285 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

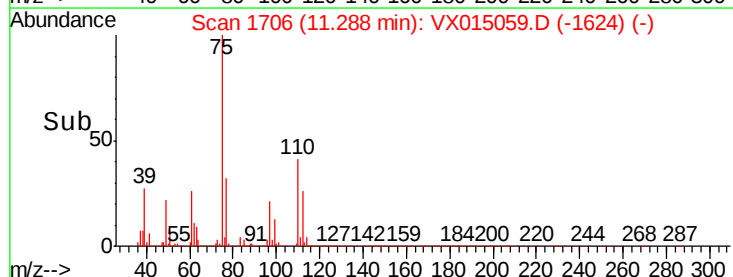
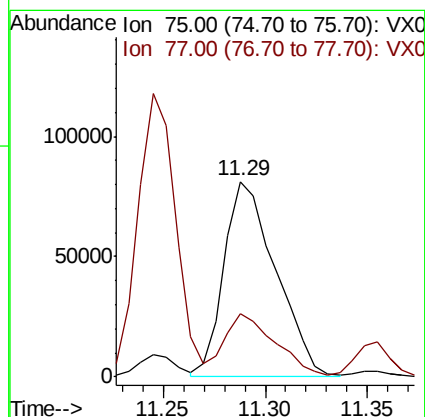
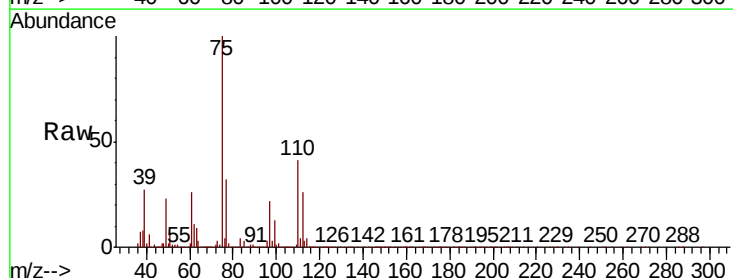
Instrument :
 MSVOA_X
 ClientSampleId :

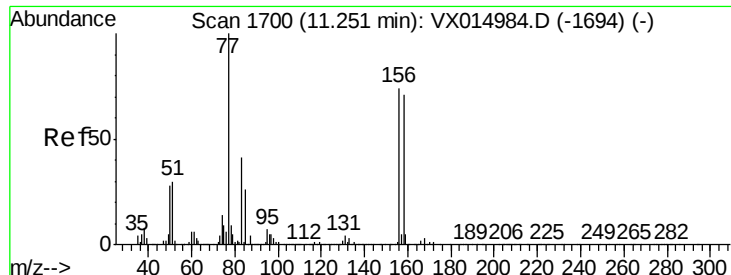
Tot Ion	83	Resp	128559
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	63.5	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 28.476 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	75	Resp	142663
Ion Ratio	Lower	Upper	
75	100		
77	31.7	0.0	75.4





#73

Bromobenzene

Concen: 20.477 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

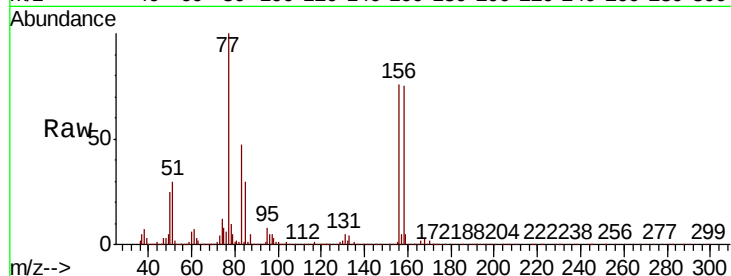
Tot Ion:156 Resp: 103789

Ion Ratio Lower Upper

156 100

77 146.0 0.0 286.8

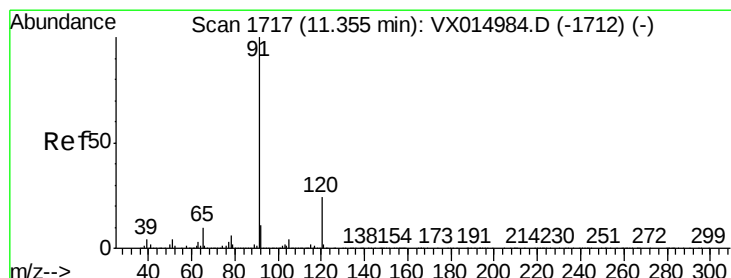
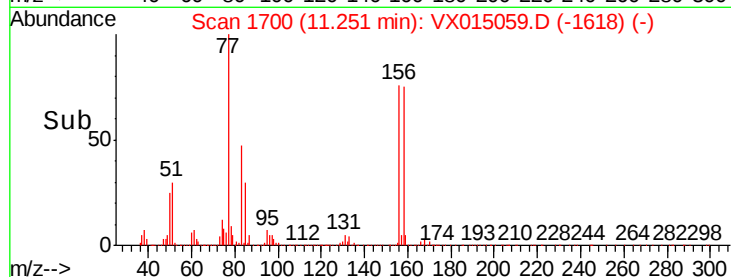
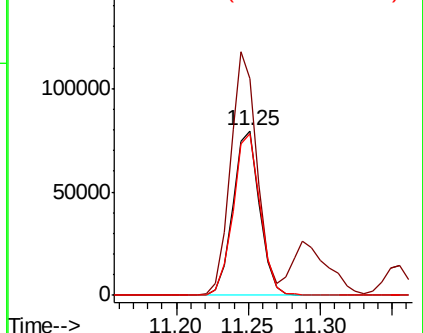
158 98.4 0.0 191.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.986 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015059.D

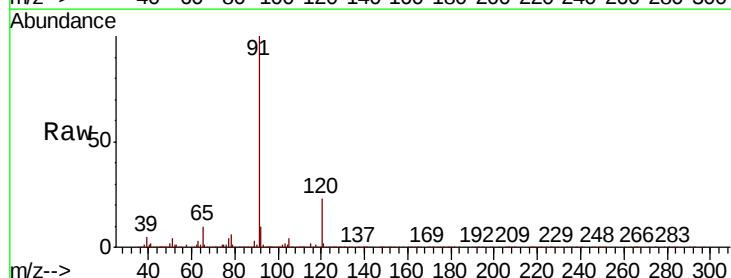
Acq: 28 Feb 2020 15:44

Tgt Ion: 91 Resp: 448046

Ion Ratio Lower Upper

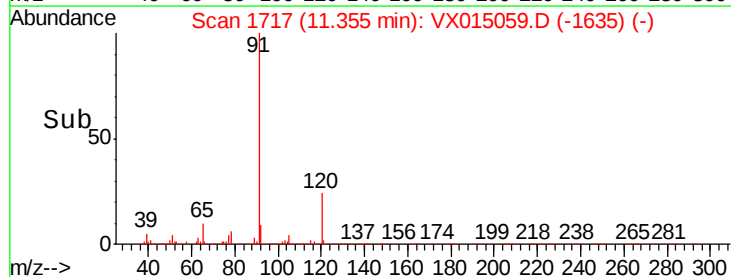
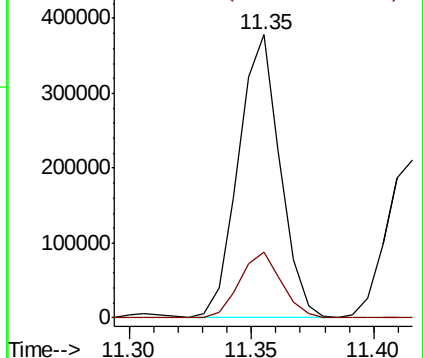
91 100

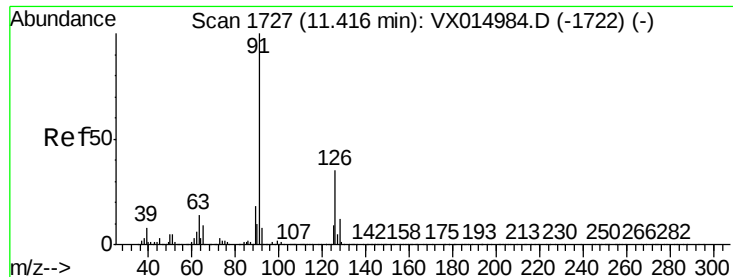
120 23.1 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.972 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

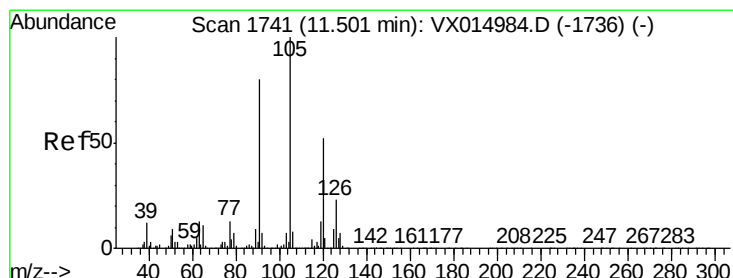
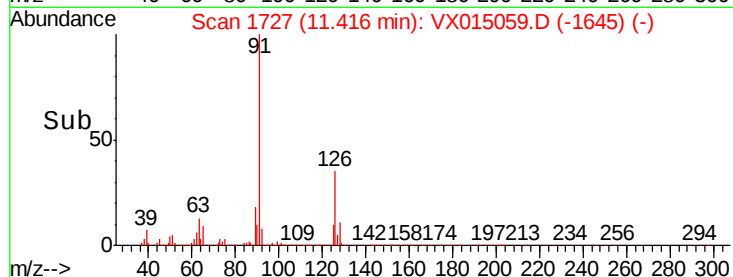
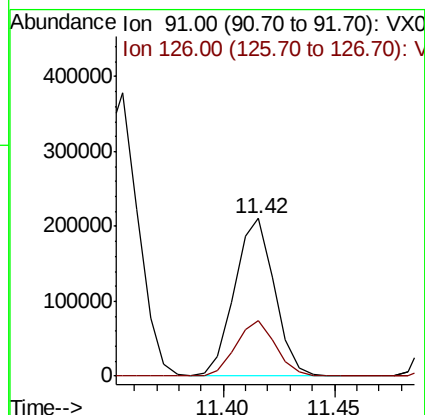
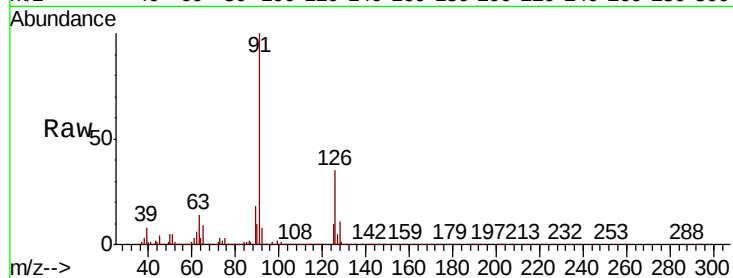
ClientSampleId :

Tot Ion: 91 Resp: 264600

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 20.471 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015059.D

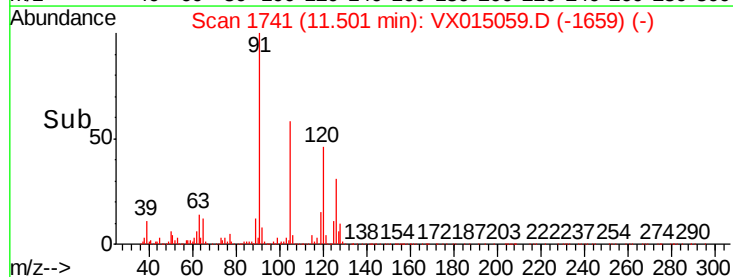
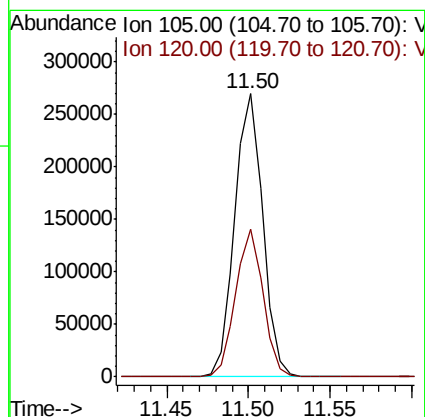
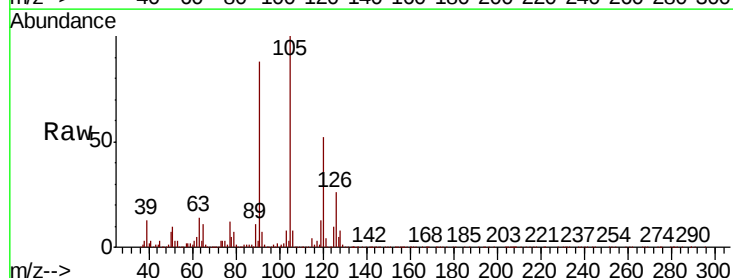
Acq: 28 Feb 2020 15:44

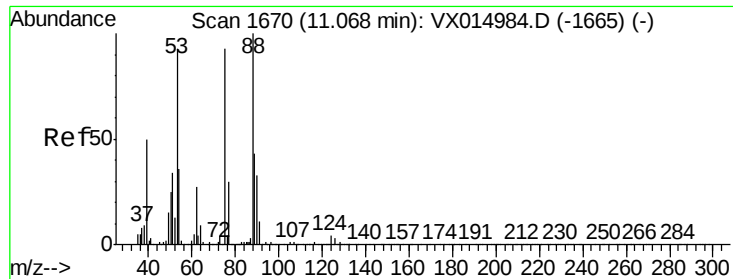
Tgt Ion: 105 Resp: 321833

Ion Ratio Lower Upper

105 100

120 51.1 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.881 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

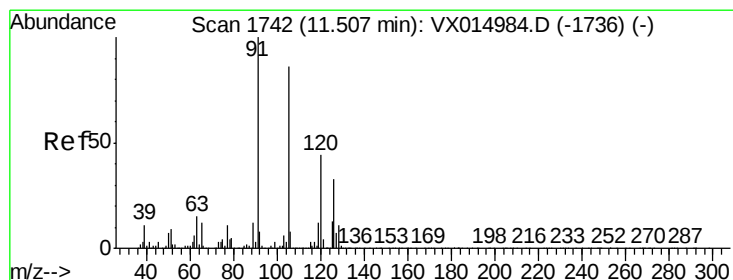
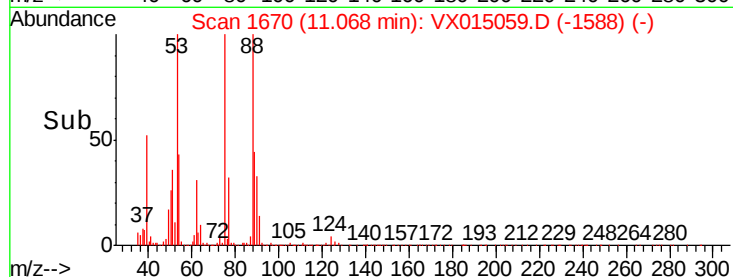
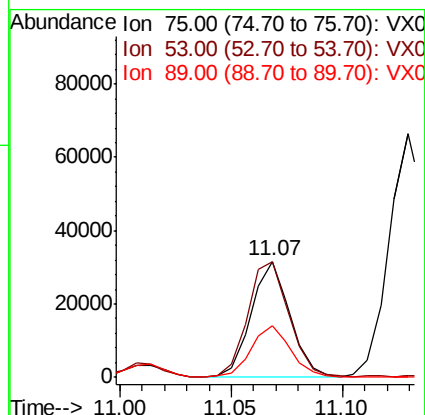
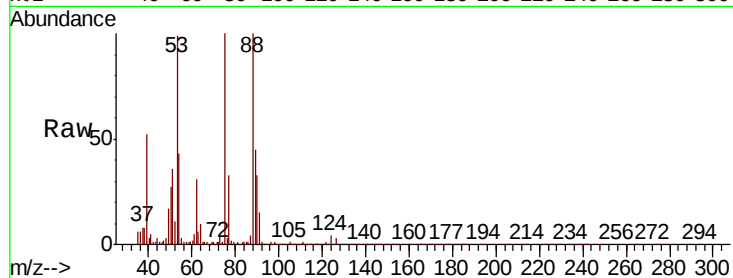
Tot Ion: 75 Resp: 38143

Ion Ratio Lower Upper

75 100

53 99.6 50.0 149.8

89 44.7 23.5 70.5



#78

4-Chlorotoluene

Concen: 20.705 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX015059.D

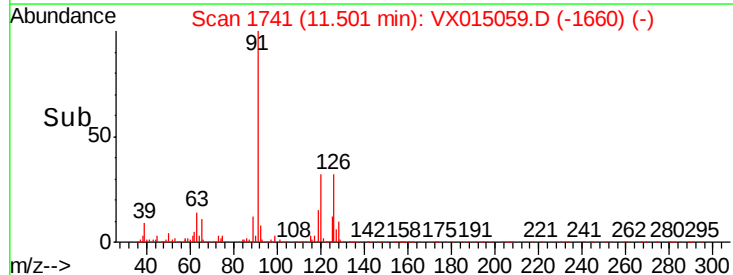
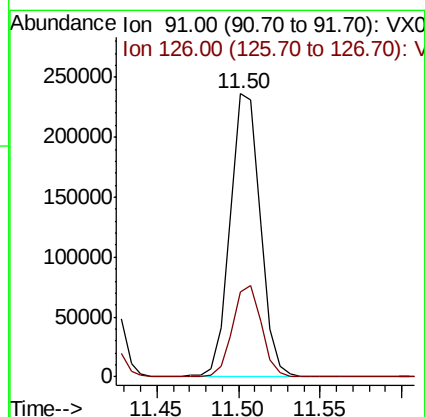
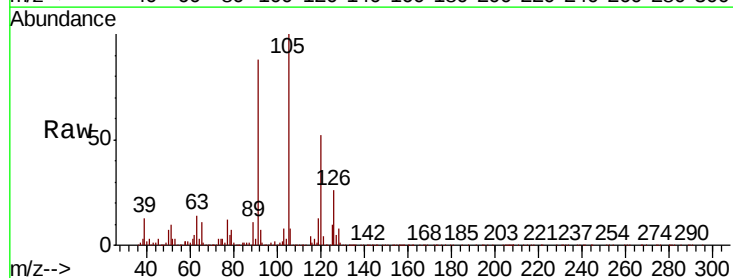
Acq: 28 Feb 2020 15:44

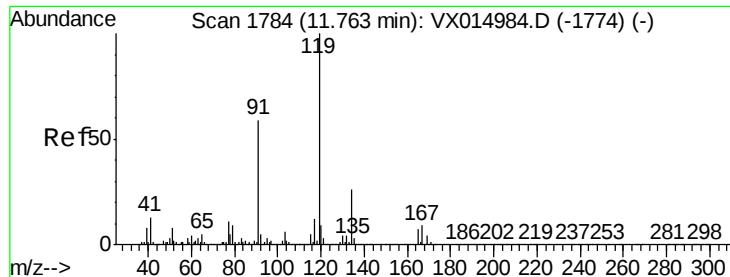
Tgt Ion: 91 Resp: 302178

Ion Ratio Lower Upper

91 100

126 30.7 0.0 62.0

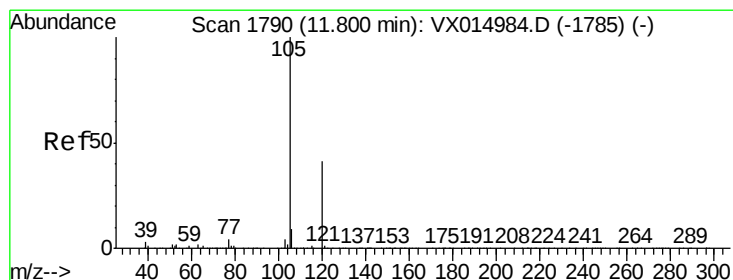
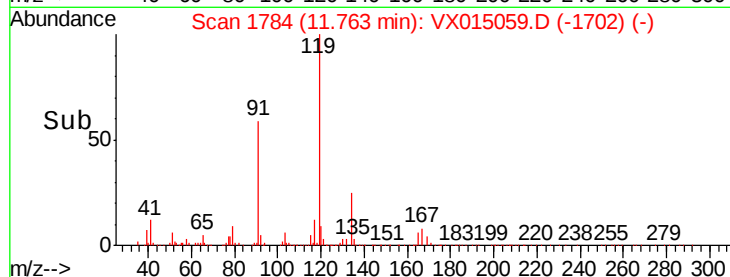
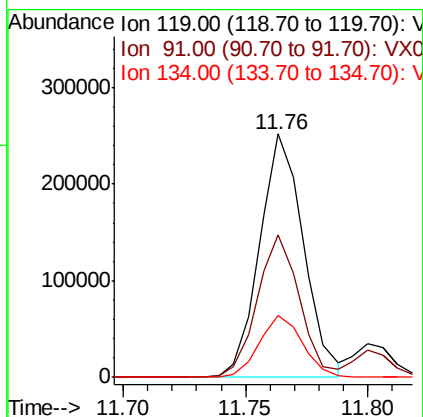
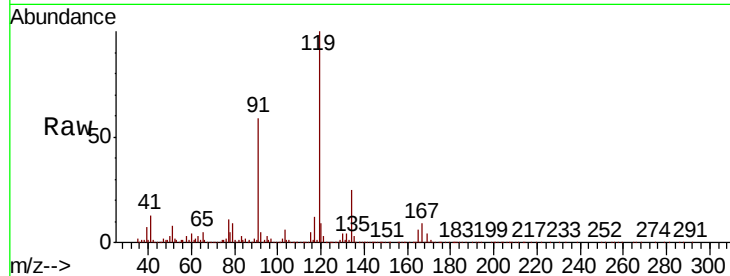




#79
tert-butylbenzene
Concen: 20.682 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

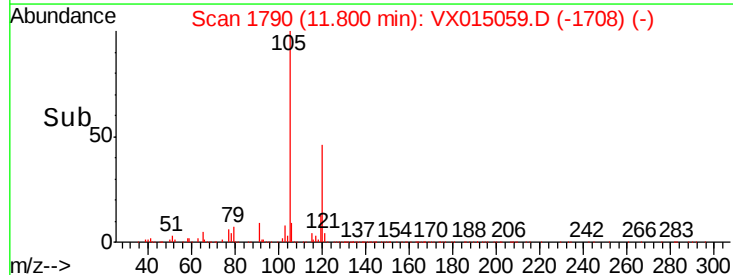
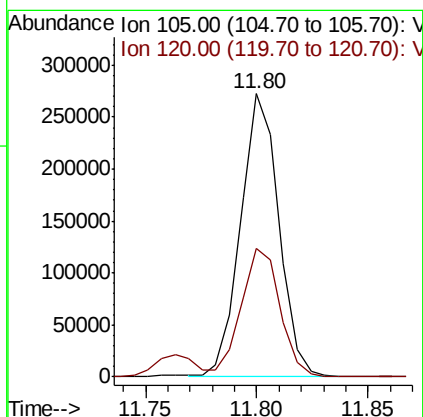
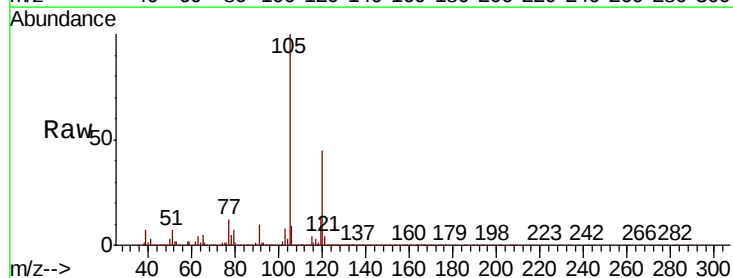
Instrument :
MSVOA_X
ClientSampleId :

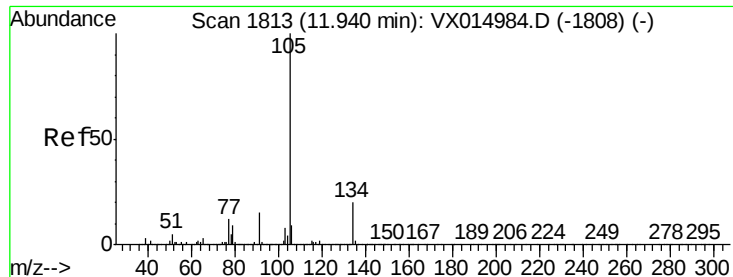
Tot Ion:119 Resp: 314126
Ion Ratio Lower Upper
119 100
91 56.6 0.0 114.4
134 25.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 20.869 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion:105 Resp: 326178
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.4





#81

sec-Butylbenzene

Concen: 21.314 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

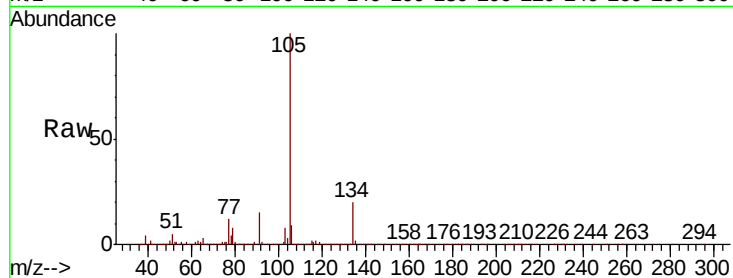
ClientSampleId :

Tot Ion:105 Resp: 387683

Ion Ratio Lower Upper

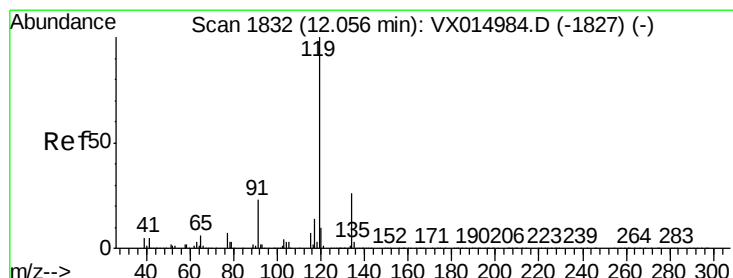
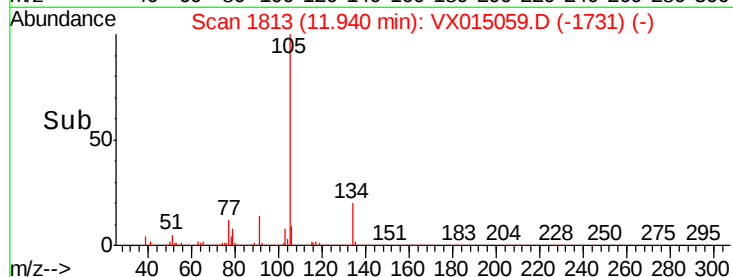
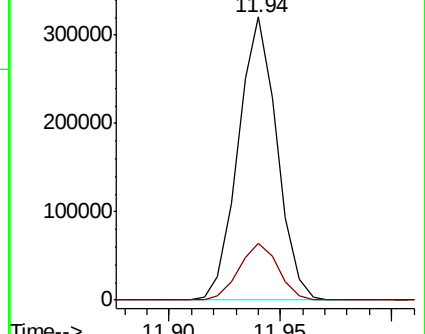
105 100

134 20.4 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.869 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

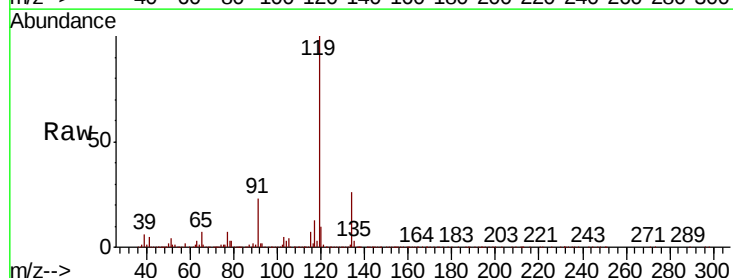
Tgt Ion:119 Resp: 352642

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.2

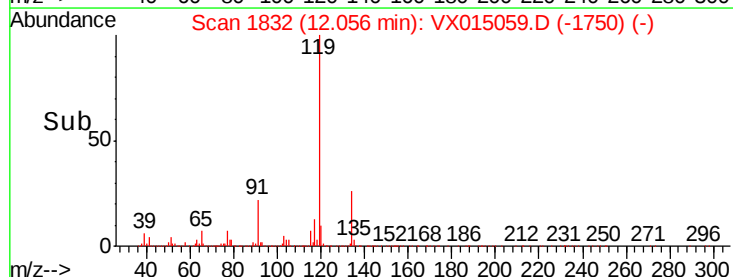
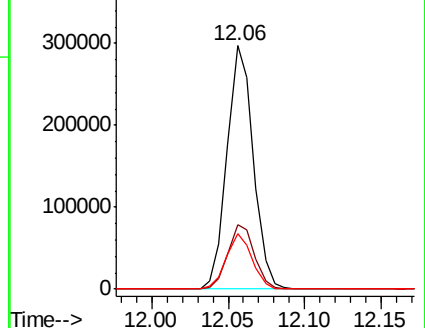
91 22.4 0.0 44.6

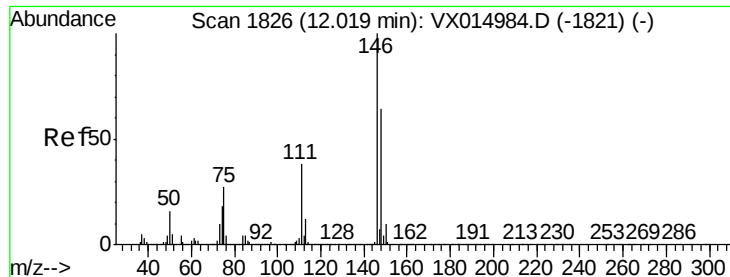


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

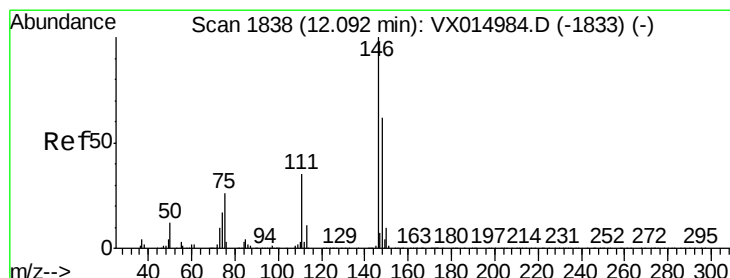
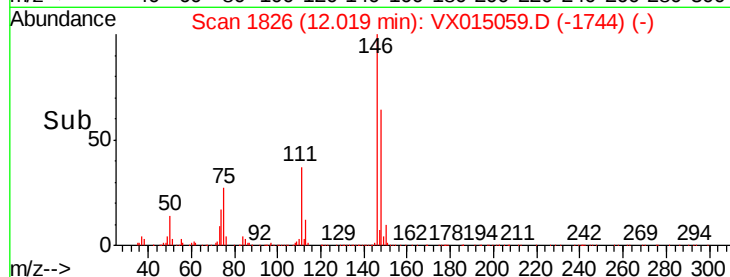
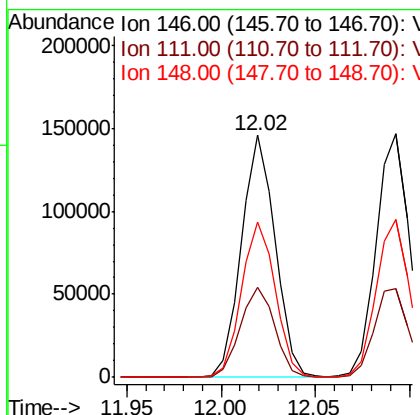
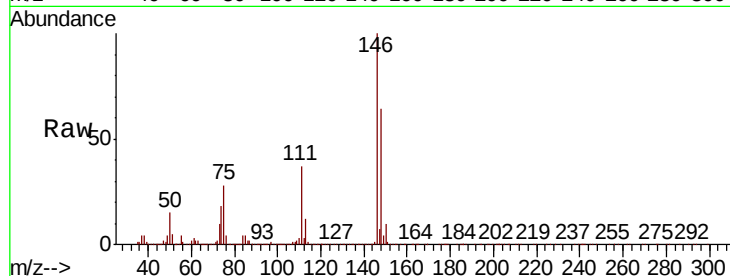




#83
 1,3-Dichlorobenzene
 Concen: 20.481 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

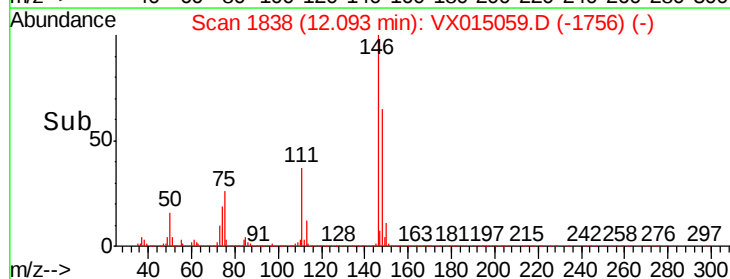
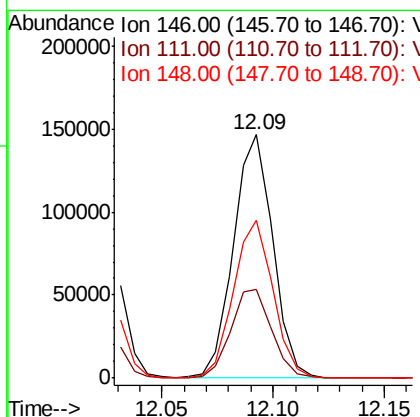
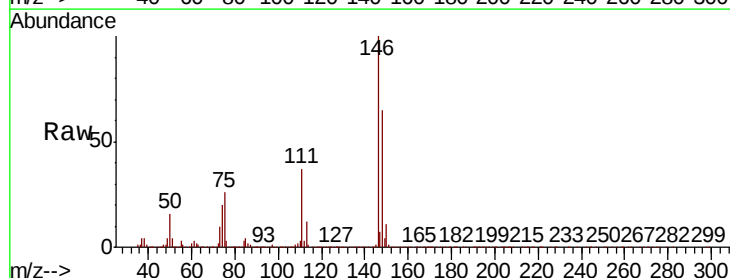
Instrument :
 MSVOA_X
 ClientSampleId :

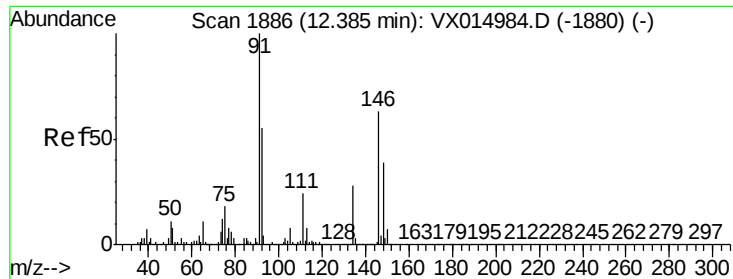
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	64.4	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 20.151 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	17.8	53.5
148	65.0	31.4	94.2





#85

n-Butylbenzene

Concen: 20.398 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

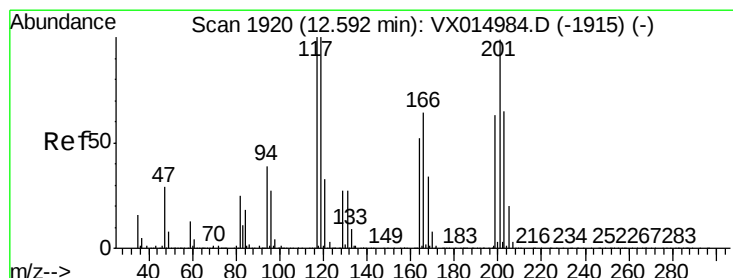
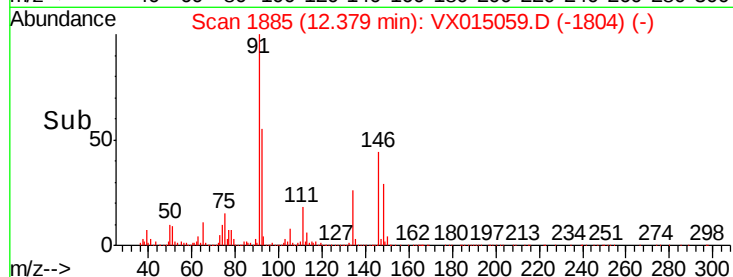
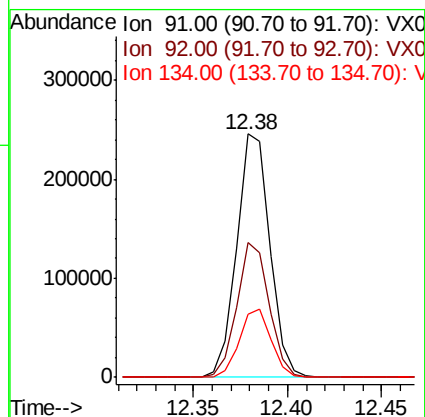
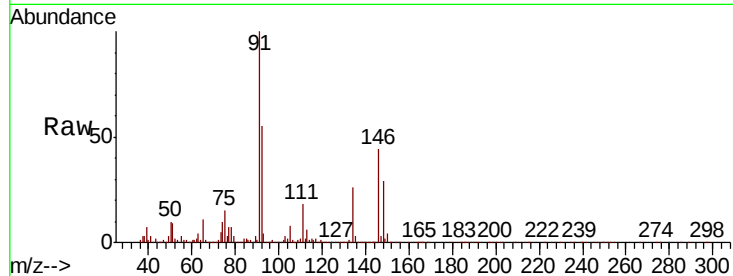
Tot Ion: 91 Resp: 299944

Ion Ratio Lower Upper

91 100

92 53.7 0.0 109.8

134 26.9 0.0 54.8



#86

Hexachloroethane

Concen: 19.780 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015059.D

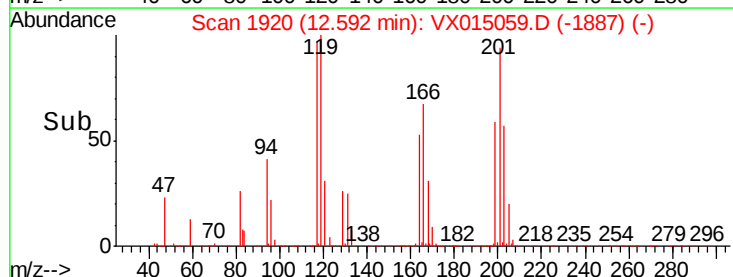
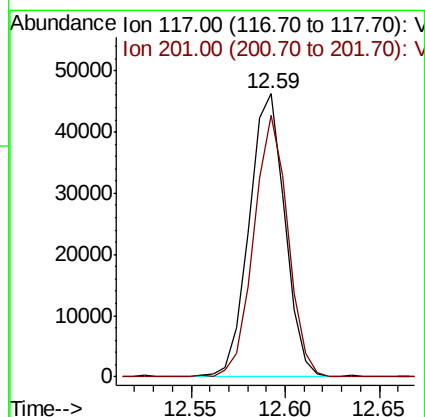
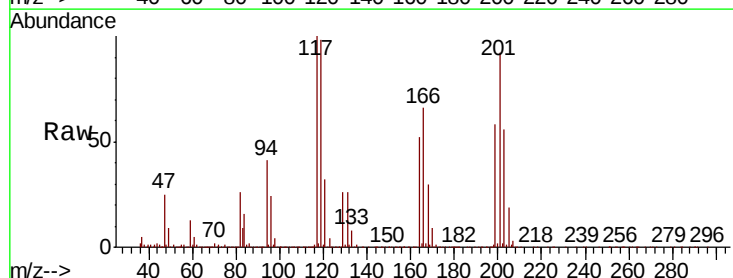
Acq: 28 Feb 2020 15:44

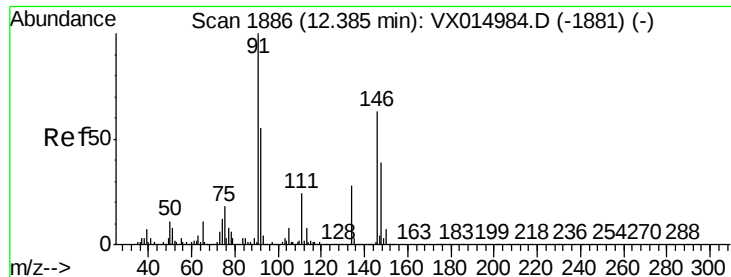
Tgt Ion: 117 Resp: 60415

Ion Ratio Lower Upper

117 100

201 88.5 45.6 136.7





#87

1,2-Dichlorobenzene

Concen: 20.428 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015059.D

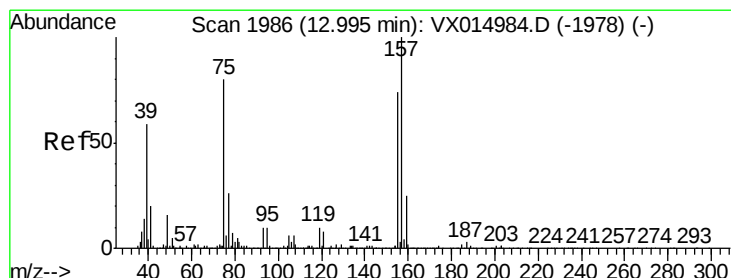
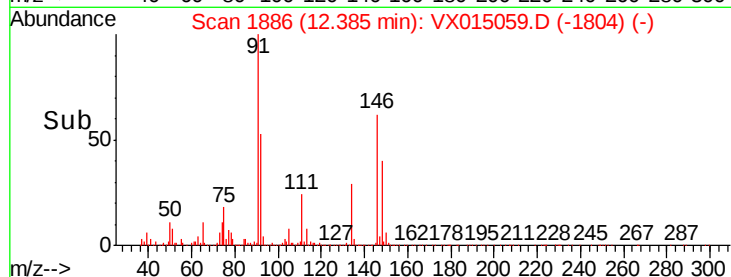
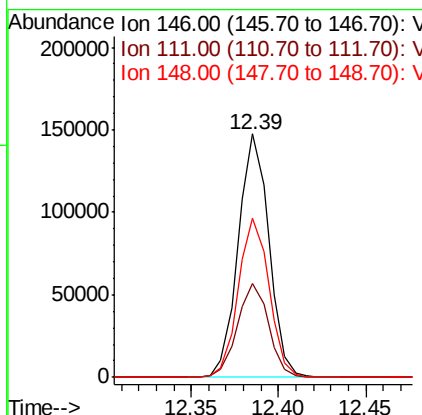
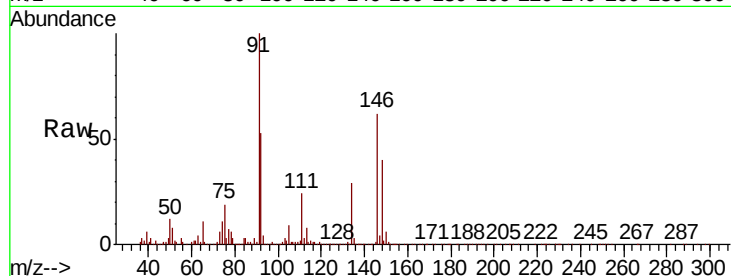
Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	180617
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	65.5	32.0	96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.662 ug/l

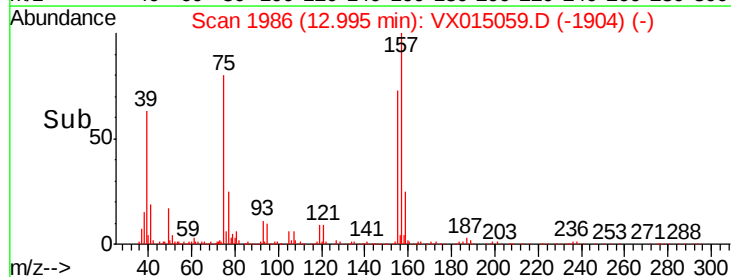
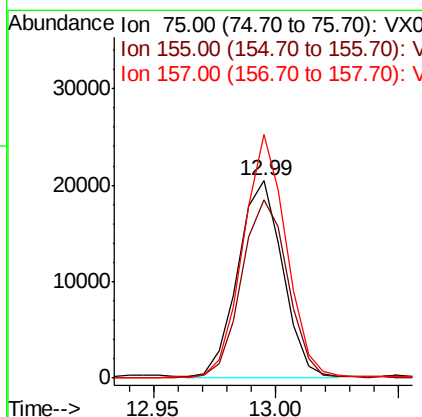
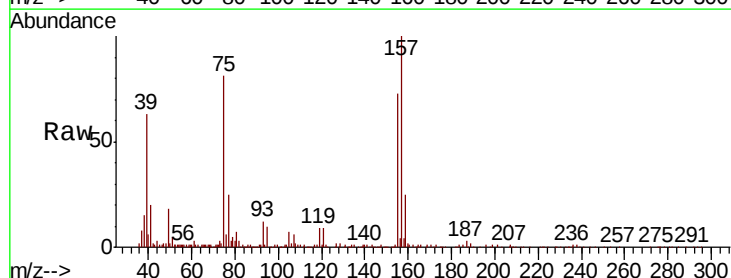
RT: 12.99 min Scan# 1986

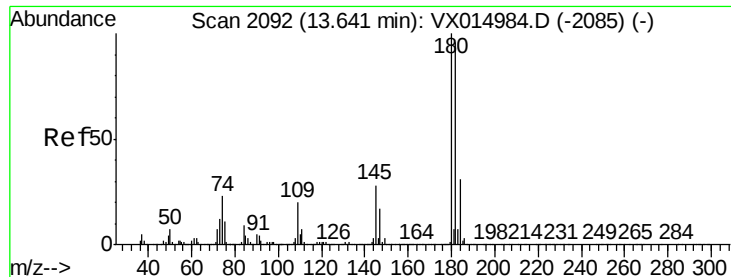
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	75	Resp:	25863
Ion	Ratio	Lower	Upper
75	100		
155	93.9	74.5	111.7
157	120.5	96.2	144.4

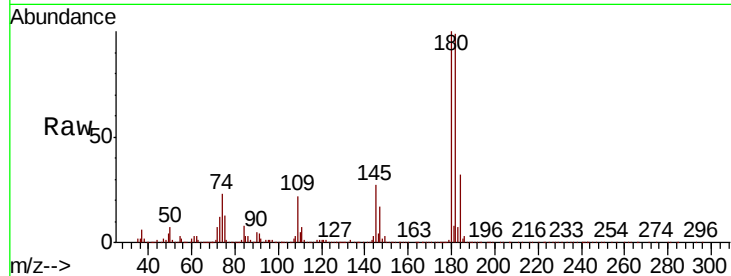




#89
 1,2,4-Trichlorobenzene
 Concen: 19.393 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	28.0	21.8	32.6

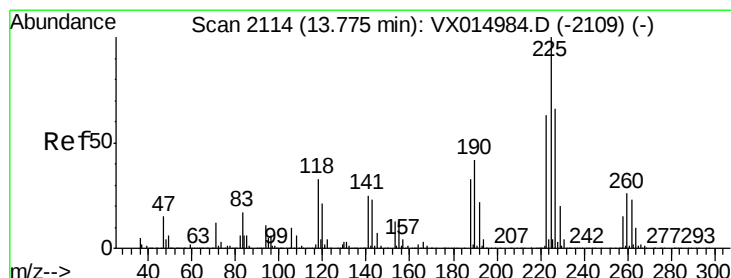
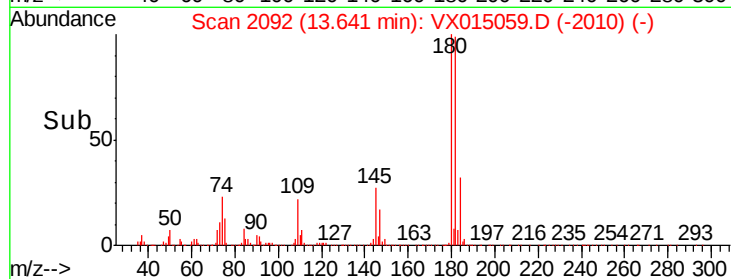
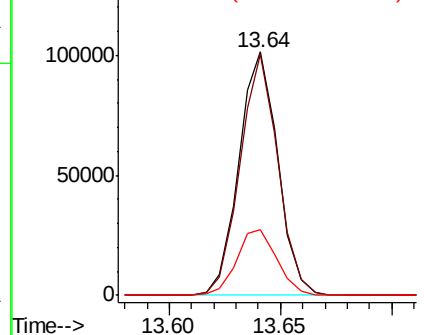


Abundance

Ion 180.00 (179.70 to 180.70): V

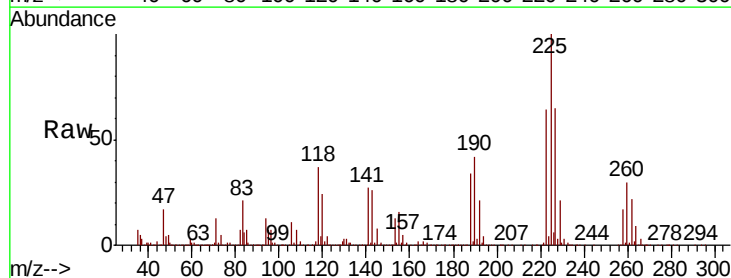
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 20.465 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	132.0
227	64.2	0.0	131.0

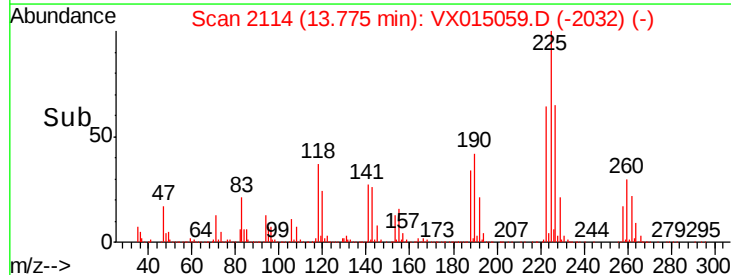
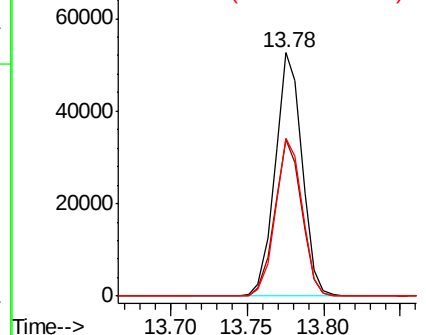


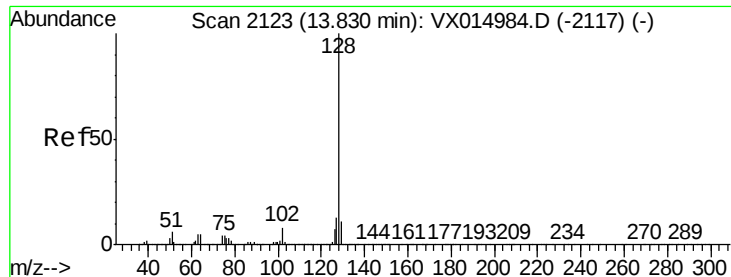
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.196 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

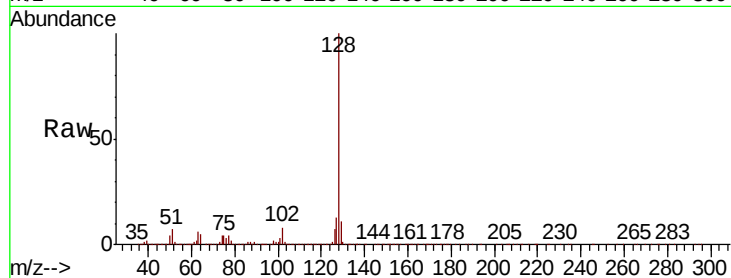
Tot Ion:128 Resp: 345547

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

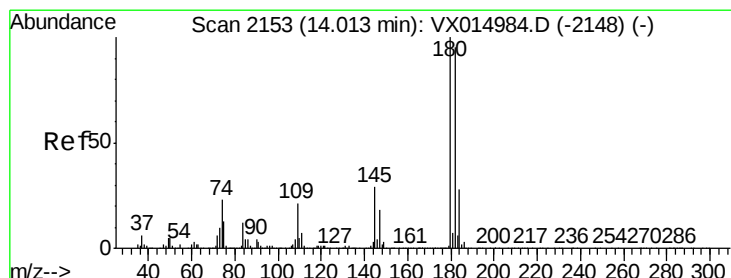
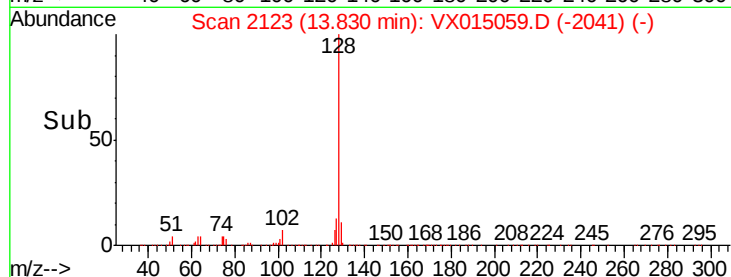
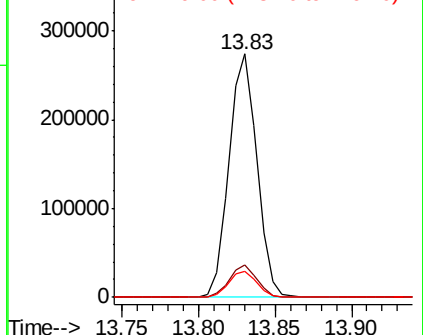
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.762 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

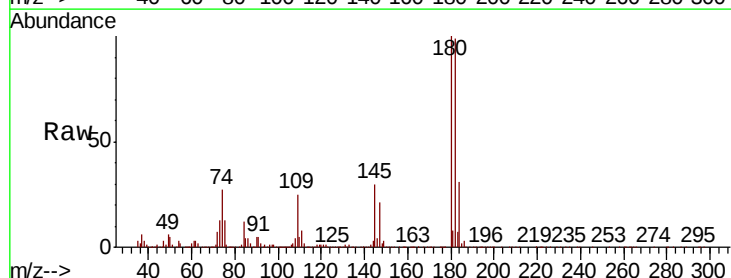
Tgt Ion:180 Resp: 124750

Ion Ratio Lower Upper

180 100

182 97.0 0.0 192.4

145 29.6 0.0 60.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

