

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015159.D
 Acq On : 10 Mar 2020 10:47
 Operator : JC/SP
 Sample : VX0310WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 07:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	324746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	485934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237414	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	203748	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	5.48	113	165585	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
50) Toluene-d8	8.71	98	624163	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.13	95	224827	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	55247	19.428	ug/l	98
3) Chloromethane	1.32	50	73774	18.314	ug/l	98
4) Vinyl Chloride	1.40	62	78286	19.166	ug/l	99
5) Bromomethane	1.64	94	47845	19.053	ug/l	99
6) Chloroethane	1.72	64	46695	19.058	ug/l	98
7) Trichlorofluoromethane	1.92	101	93559	19.250	ug/l	99
8) Diethyl Ether	2.18	74	41392	18.803	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57750	18.886	ug/l	98
10) Methyl Iodide	2.50	142	57558	16.661	ug/l	97
11) Tert butyl alcohol	3.03	59	70192	105.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56049	17.761	ug/l	98
13) Acrolein	2.28	56	58819	93.635	ug/l	99
14) Allyl chloride	2.72	41	106569	19.367	ug/l	96
15) Acrylonitrile	3.13	53	171639	103.106	ug/l	99
16) Acetone	2.44	43	145987	93.565	ug/l	92
17) Carbon Disulfide	2.56	76	155696	17.765	ug/l	98
18) Methyl Acetate	2.76	43	79883	20.938	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	202880	20.573	ug/l	97
20) Methylene Chloride	2.84	84	70718	19.367	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	65009	19.292	ug/l	99
22) Diisopropyl ether	3.84	45	228781	20.868	ug/l	96
23) Vinyl Acetate	3.80	43	934072	103.651	ug/l	99
24) 1,1-Dichloroethane	3.69	63	119105	19.575	ug/l	98
25) 2-Butanone	4.66	43	231822	101.488	ug/l	98
26) 2,2-Dichloropropane	4.57	77	94896	19.646	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	73576	19.463	ug/l	98
28) Bromochloromethane	5.00	49	56465	20.380	ug/l	98
29) Tetrahydrofuran	5.12	42	146045	99.186	ug/l	99
30) Chloroform	5.20	83	118969	20.061	ug/l	99
31) Cyclohexane	5.57	56	106395	19.604	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	98897	20.117	ug/l	98
36) 1,1-Dichloropropene	5.79	75	87598	19.500	ug/l	99
37) Ethyl Acetate	4.82	43	91346	21.921	ug/l #	97
38) Carbon Tetrachloride	5.77	117	84419	19.909	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	105790	20.168	ug/l	98
40) Benzene	6.13	78	268624	20.155	ug/l	98
41) Methacrylonitrile	5.03	41	51696	20.654	ug/l	97
42) 1,2-Dichloroethane	6.19	62	97116	21.218	ug/l	97
43) Isopropyl Acetate	6.43	43	150398	20.516	ug/l	99
44) Trichloroethene	7.20	130	74130	19.972	ug/l	98
45) 1,2-Dichloropropane	7.50	63	72898	21.131	ug/l	97
46) Dibromomethane	7.65	93	45650	20.308	ug/l	98
47) Bromodichloromethane	7.89	83	92268	20.757	ug/l	100
48) Methyl methacrylate	7.76	41	74476	19.961	ug/l	98
49) 1,4-Dioxane	7.74	88	33462	414.806	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	468614	108.118	ug/l	99
52) Toluene	8.78	92	169566	20.808	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	99359	21.000	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	110502	20.659	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69447	20.705	ug/l	100
56) Ethyl methacrylate	9.17	69	102025	21.325	ug/l	99
57) 1,3-Dichloropropane	9.37	76	119937	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	254668	97.710	ug/l	100
59) 2-Hexanone	9.48	43	346599	107.890	ug/l	99
60) Dibromochloromethane	9.57	129	72486	20.573	ug/l	99
61) 1,2-Dibromoethane	9.67	107	71214	20.214	ug/l	97
64) Tetrachloroethene	9.33	164	75226	20.293	ug/l	97
65) Chlorobenzene	10.13	112	182394	20.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67899	20.004	ug/l	99
67) Ethyl Benzene	10.25	91	315780	20.659	ug/l	99
68) m/p-Xylenes	10.36	106	242460	41.692	ug/l	99
69) o-Xylene	10.70	106	114347	20.537	ug/l	99
70) Styrene	10.71	104	197723	20.711	ug/l	100
71) Bromoform	10.85	173	51323	19.499	ug/l	99
73) Isopropylbenzene	11.01	105	312724	20.620	ug/l	100
74) N-amyl acetate	10.89	43	128994	20.182	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	102357	20.251	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	113316	23.928	ug/l	82
77) Bromobenzene	11.25	156	84100	19.898	ug/l	99
78) n-propylbenzene	11.35	91	358149	20.670	ug/l	100
79) 2-Chlorotoluene	11.42	91	212078	20.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	263735	20.890	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30420	18.230	ug/l	93
82) 4-Chlorotoluene	11.51	91	247977	20.285	ug/l	100
83) tert-Butylbenzene	11.76	119	246681	20.207	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	265473	20.931	ug/l	99
85) sec-Butylbenzene	11.94	105	307876	20.892	ug/l	99
86) p-Isopropyltoluene	12.06	119	286424	21.096	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	146839	19.762	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	151437	19.741	ug/l	98
89) n-Butylbenzene	12.39	91	248130	20.548	ug/l	100
90) Hexachloroethane	12.59	117	49650	19.343	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	146779	19.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20792	20.543	ug/l	98

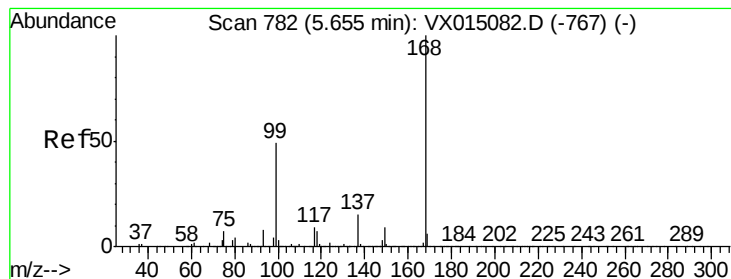
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	101318	19.759	ug/l	98
94) Hexachlorobutadiene	13.78	225	51370	19.523	ug/l	97
95) Naphthalene	13.83	128	287301	19.183	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	103653	20.260	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

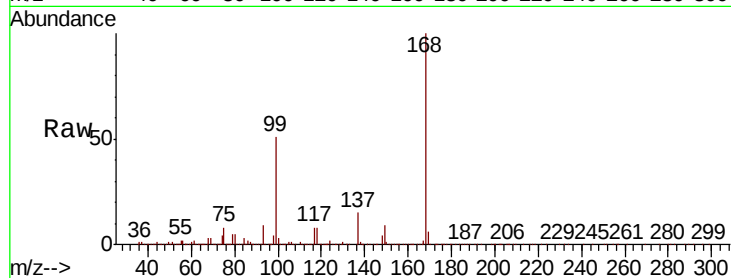
ClientSampleId :

Tot Ion:168 Resp: 324746

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

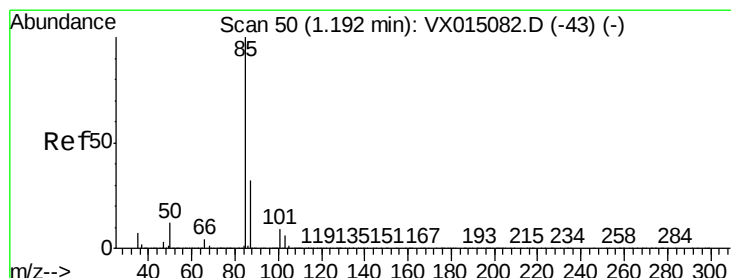
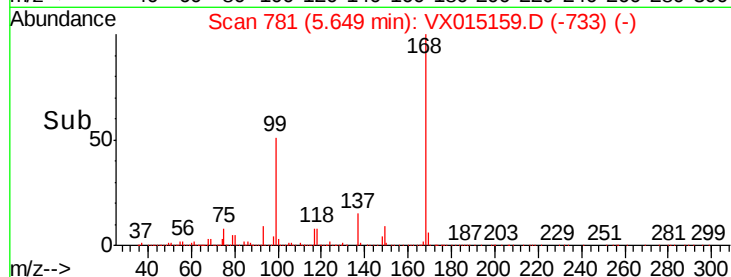
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.428 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015159.D

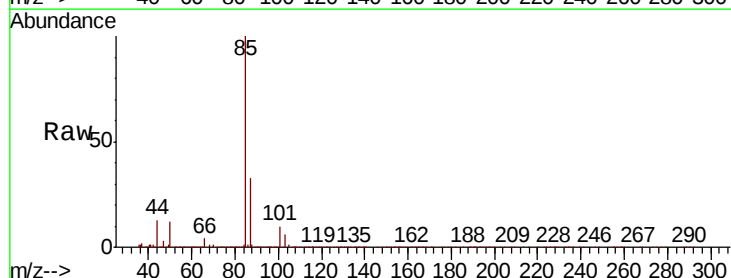
Acq: 10 Mar 2020 10:47

Tgt Ion: 85 Resp: 55247

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

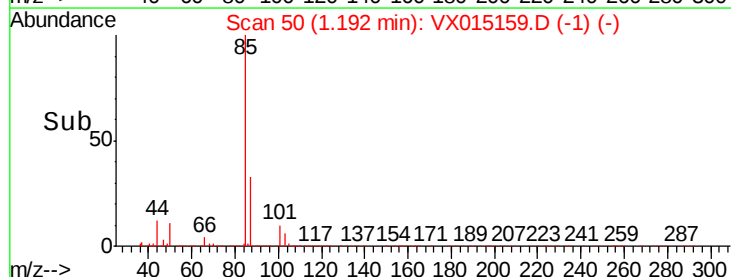
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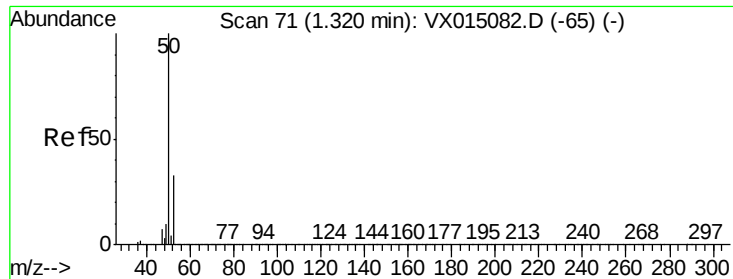
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Time-->

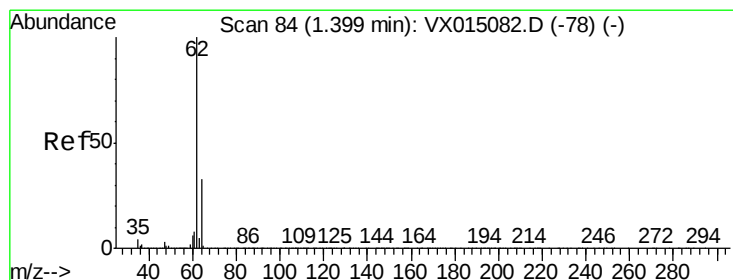
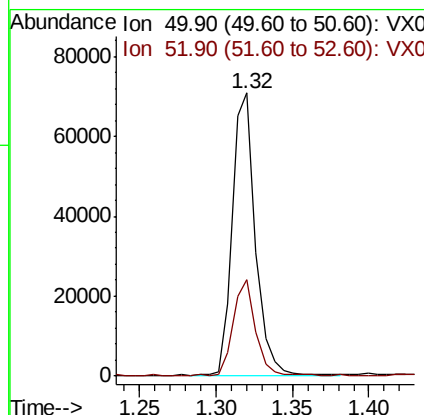
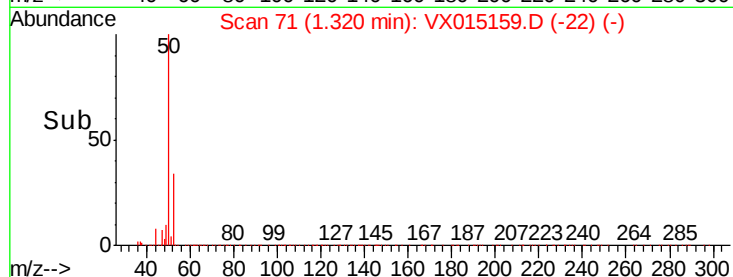
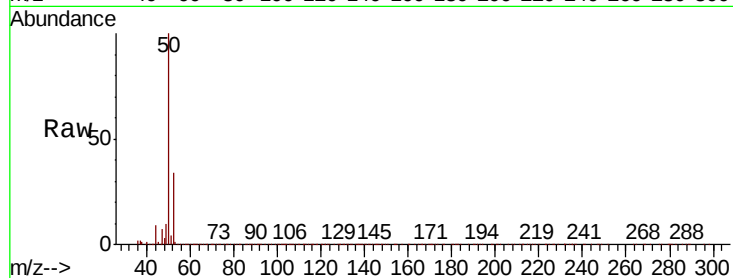




#3
Chloromethane
Concen: 18.314 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

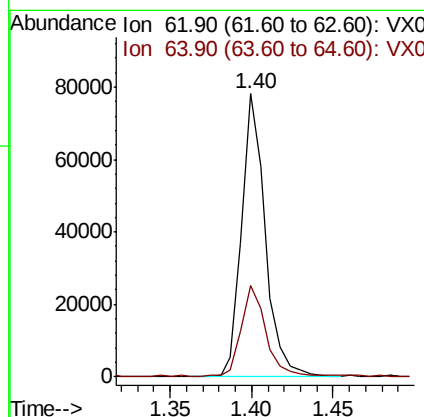
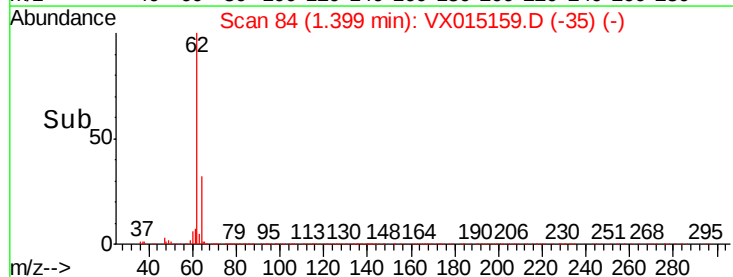
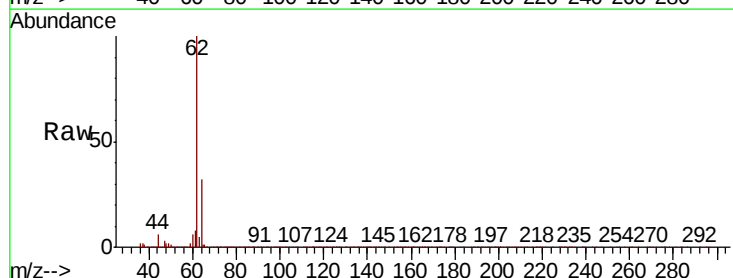
Instrument :
MSVOA_X
ClientSampleId :

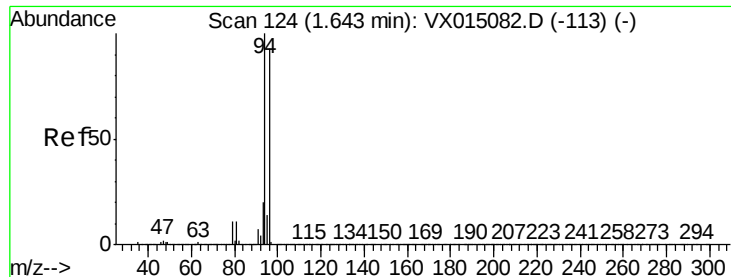
Tot Ion: 50 Resp: 73774
Ion Ratio Lower Upper
50 100
52 33.8 26.2 39.2



#4
Vinyl Chloride
Concen: 19.166 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 62 Resp: 78286
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1





#5

Bromomethane

Concen: 19.053 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

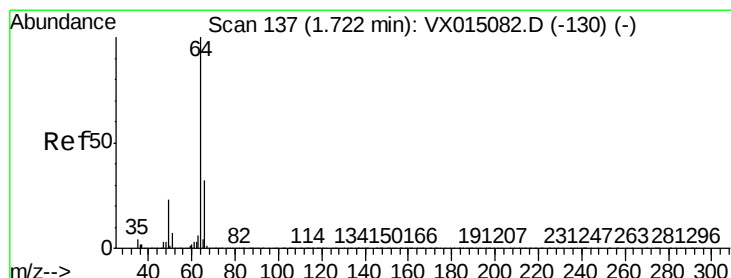
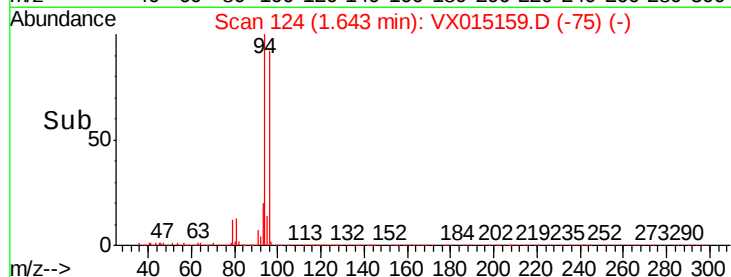
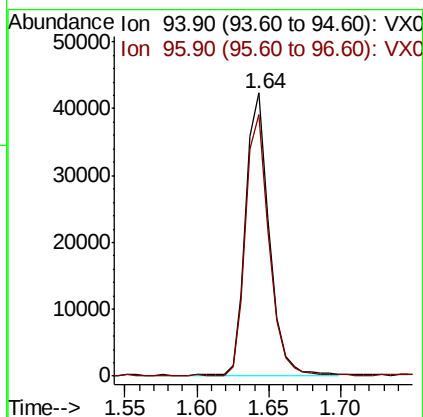
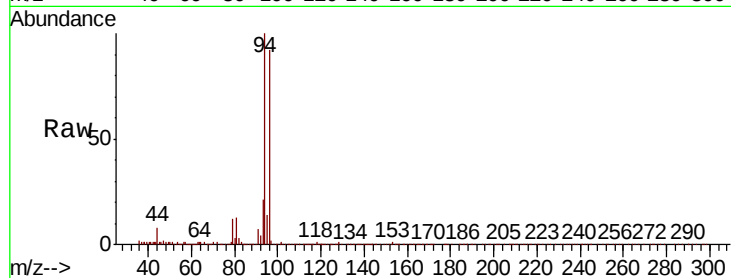
ClientSampleId :

Tot Ion: 94 Resp: 47845

Ion Ratio Lower Upper

94 100

96 92.4 74.6 111.8



#6

Chloroethane

Concen: 19.058 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015159.D

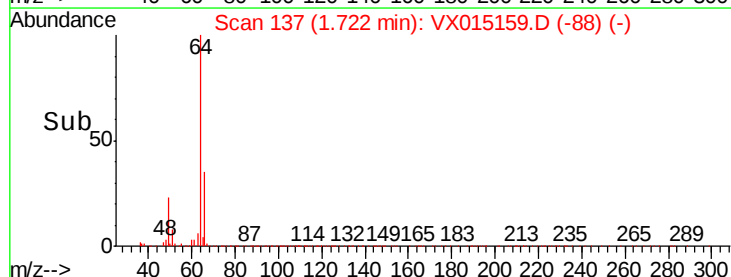
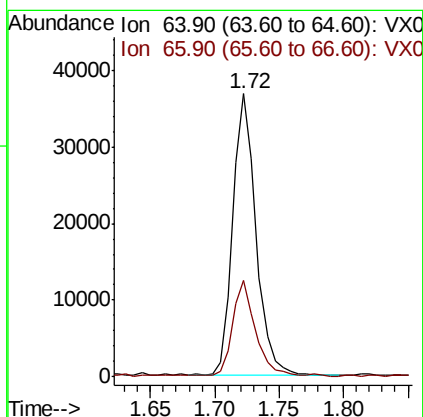
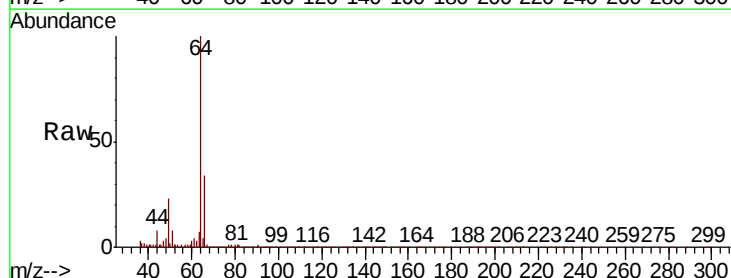
Acq: 10 Mar 2020 10:47

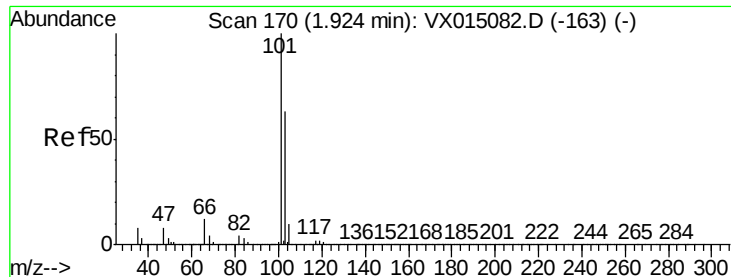
Tgt Ion: 64 Resp: 46695

Ion Ratio Lower Upper

64 100

66 33.7 25.8 38.8



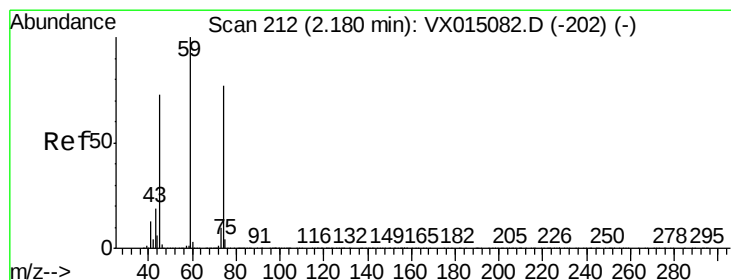
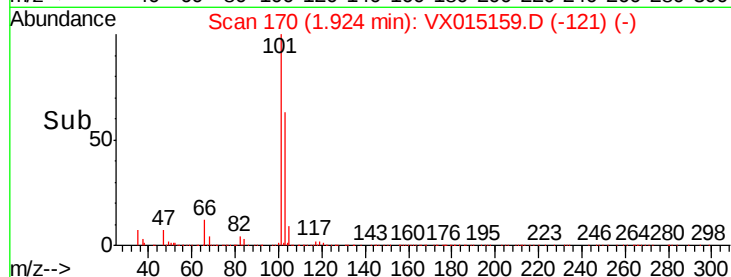
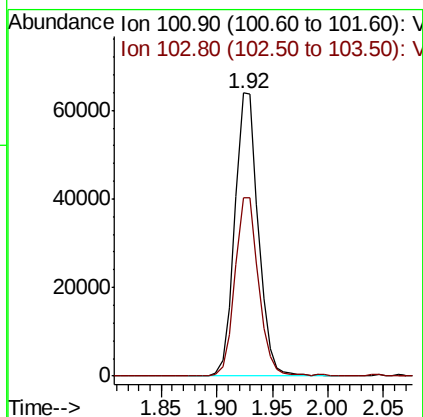
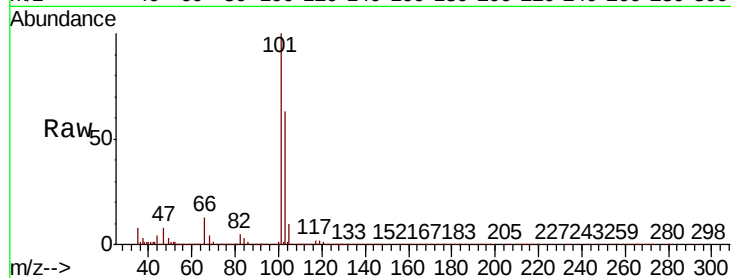


#7

Trichlorofluoromethane
Concen: 19.250 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :

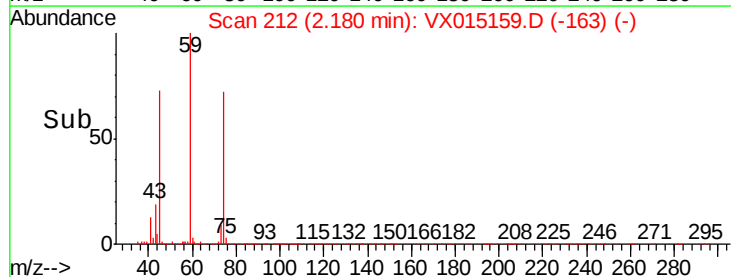
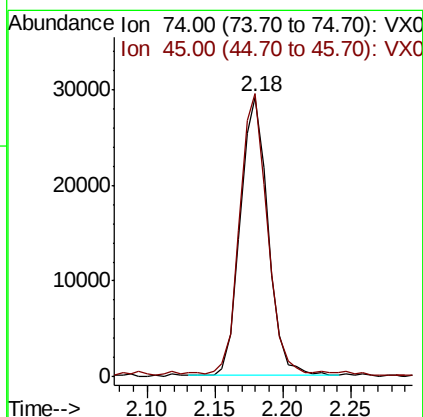
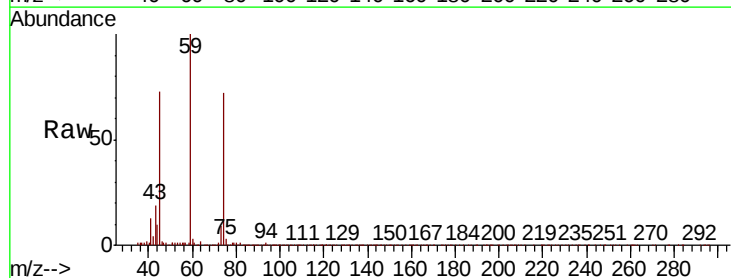
Tot Ion:101 Resp: 93559
Ion Ratio Lower Upper
101 100
103 62.6 50.4 75.6

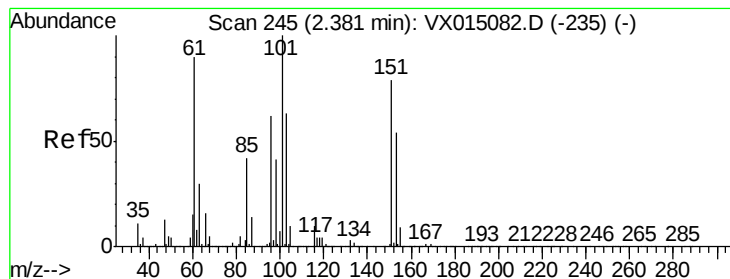


#8

Diethyl Ether
Concen: 18.803 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 74 Resp: 41392
Ion Ratio Lower Upper
74 100
45 99.9 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.886 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

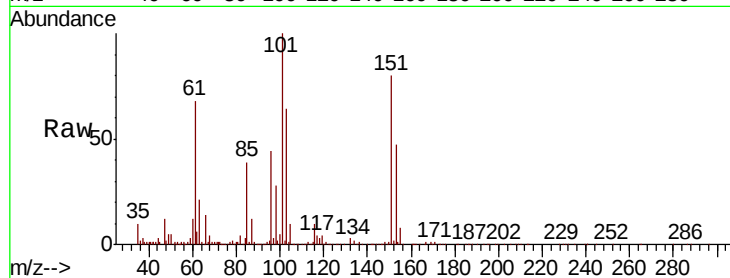
Tot Ion:101 Resp: 57750

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

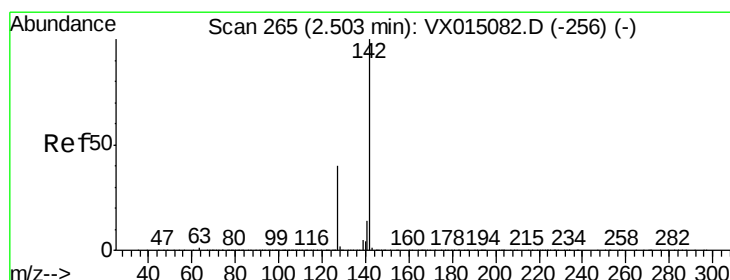
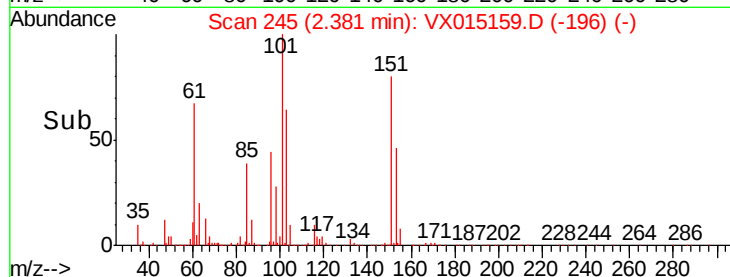
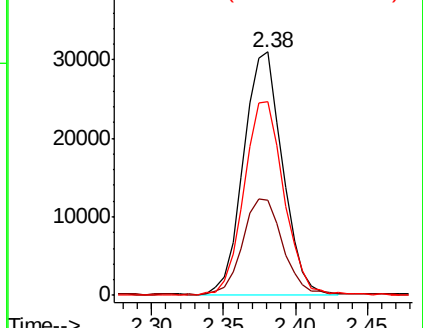
151 82.8 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.661 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

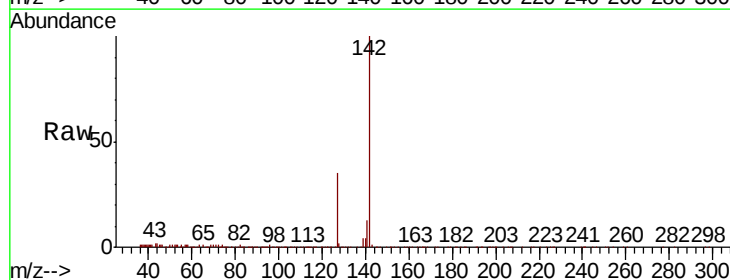
Tgt Ion:142 Resp: 57558

Ion Ratio Lower Upper

142 100

127 36.9 31.7 47.5

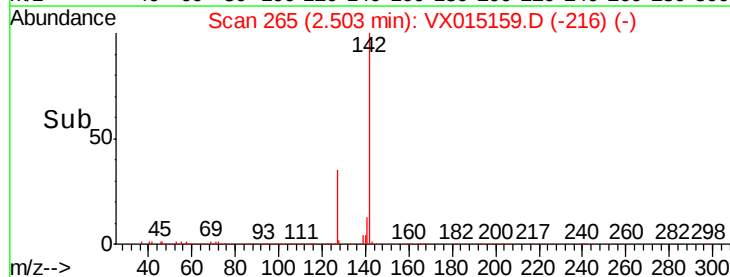
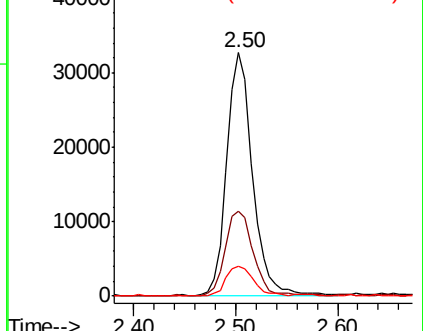
141 14.1 11.3 16.9

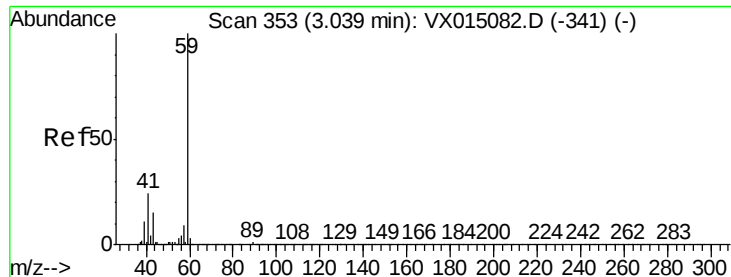


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



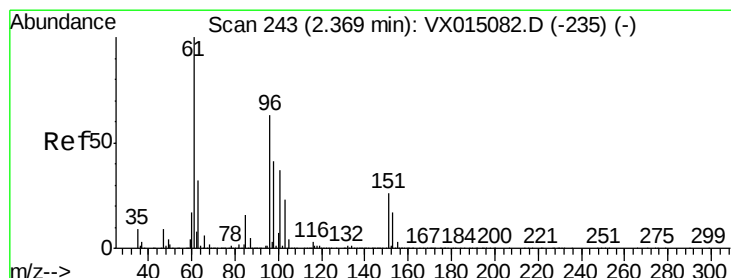
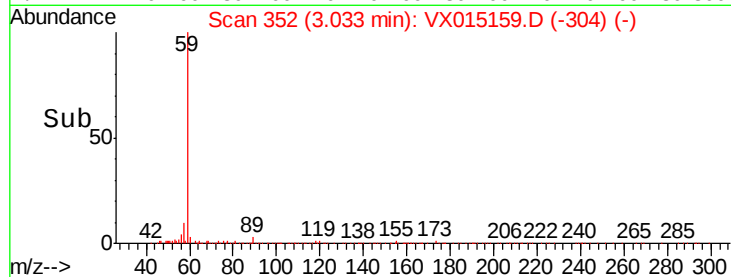
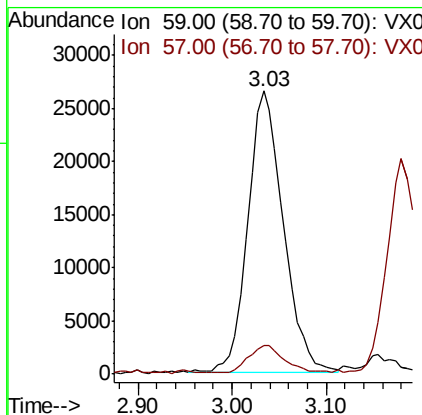
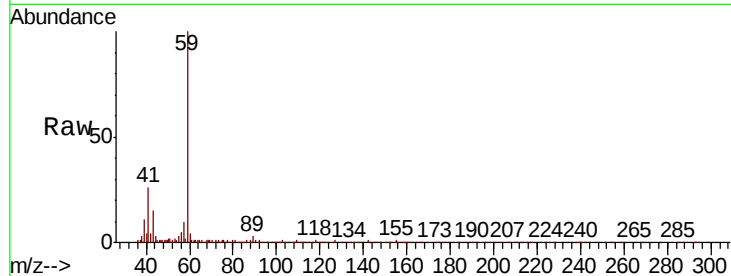


#11

Tert butyl alcohol
 Concen: 105.009 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampled :

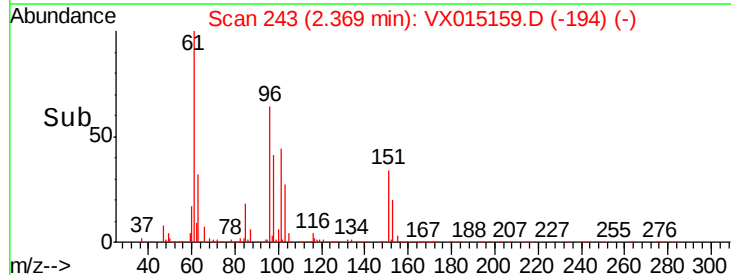
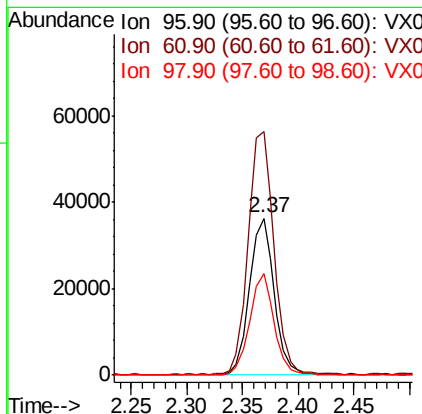
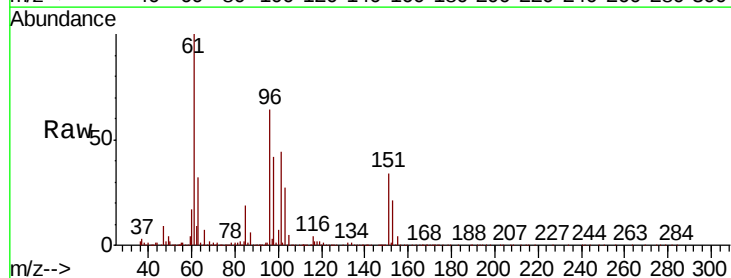
Tot Ion: 59 Resp: 70192
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

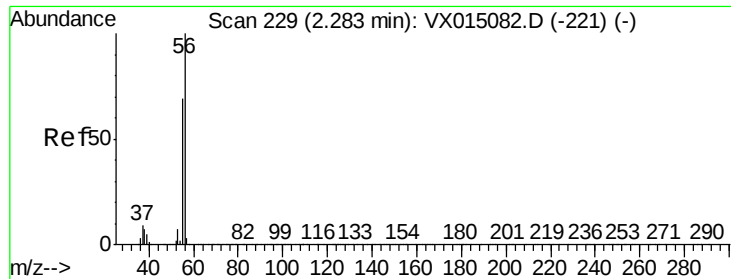


#12

1,1-Dichloroethene
 Concen: 17.761 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion: 96 Resp: 56049
 Ion Ratio Lower Upper
 96 100
 61 155.0 126.2 189.4
 98 64.4 51.4 77.0

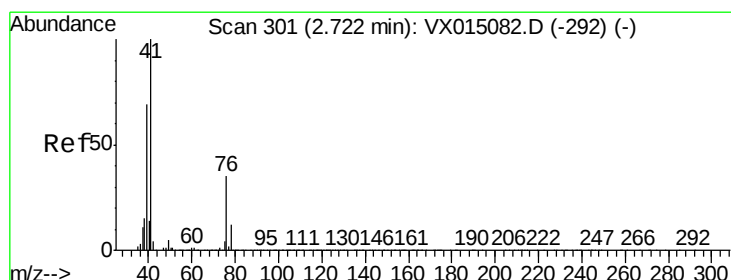
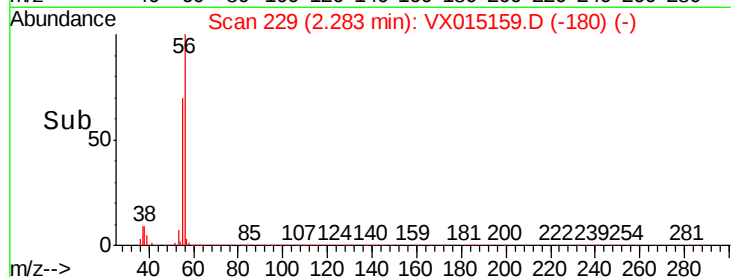
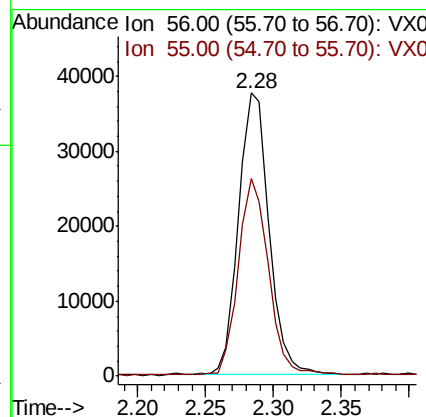
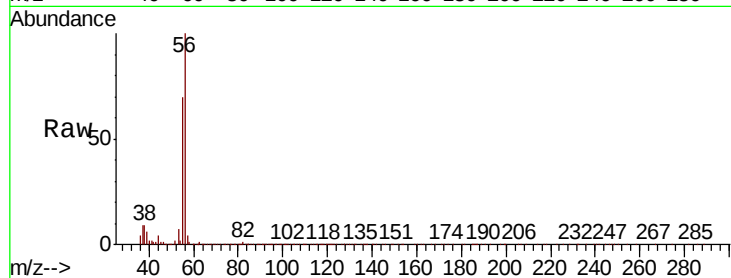




#13
Acrolein
Concen: 93.635 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

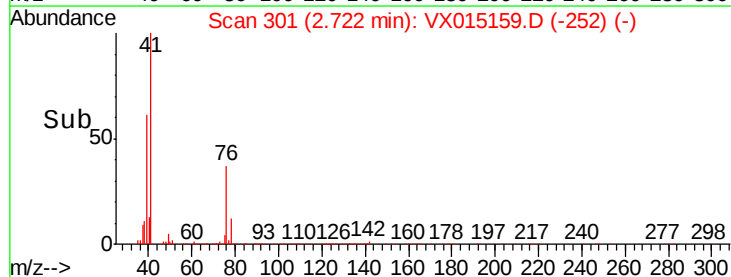
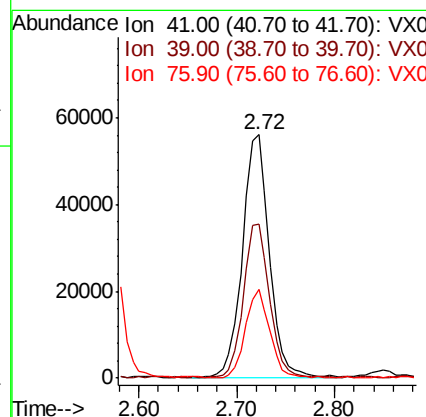
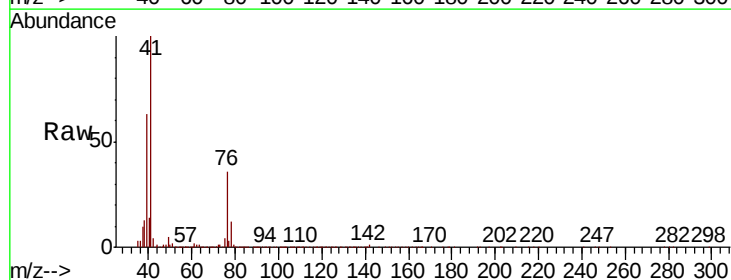
Instrument :
MSVOA_X
ClientSampleId :

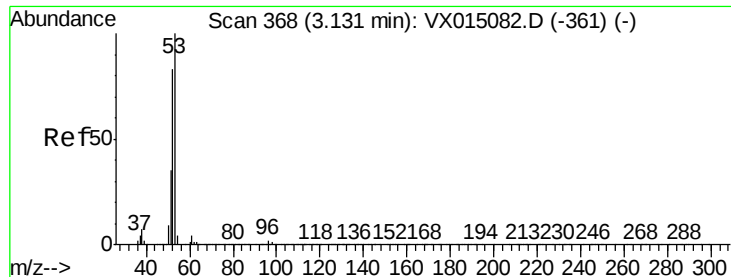
Tot Ion: 56 Resp: 58819
Ion Ratio Lower Upper
56 100
55 68.6 55.4 83.0



#14
Allyl chloride
Concen: 19.367 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 41 Resp: 106569
Ion Ratio Lower Upper
41 100
39 61.9 52.9 79.3
76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 103.106 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampled :

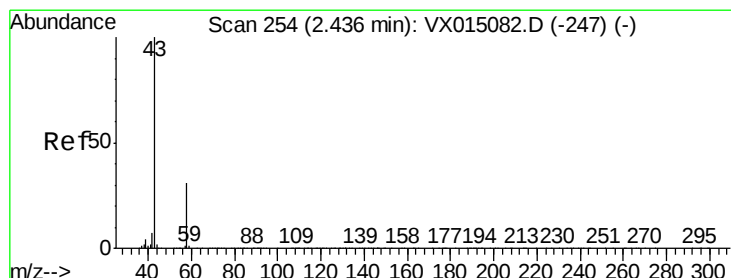
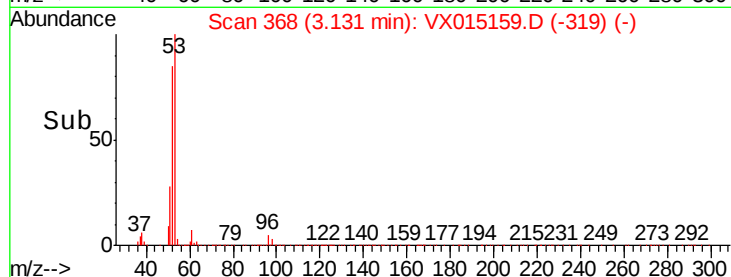
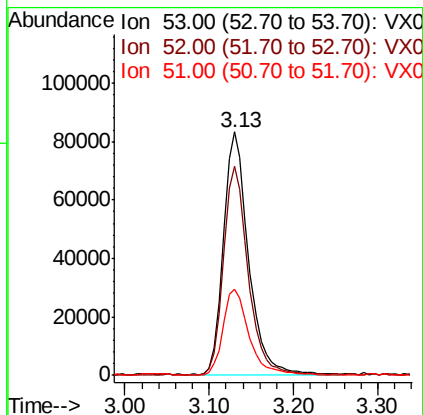
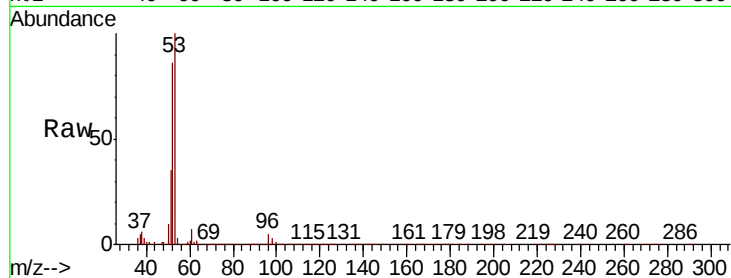
Tot Ion: 53 Resp: 171639

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 35.8 29.0 43.6



#16

Acetone

Concen: 93.565 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015159.D

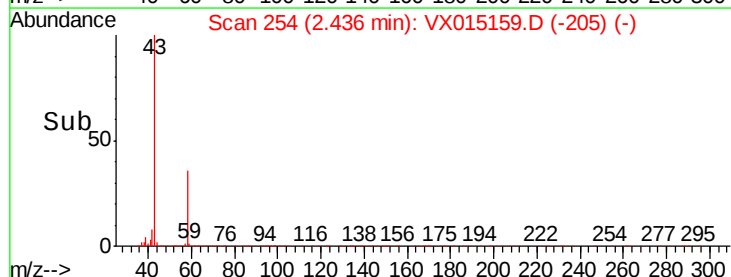
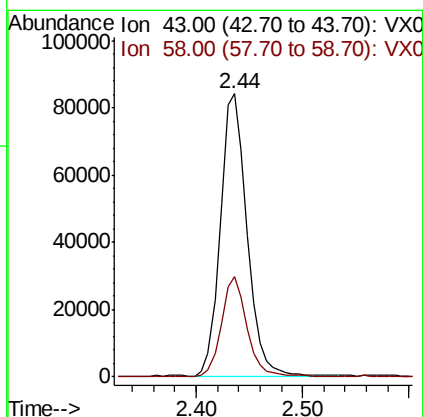
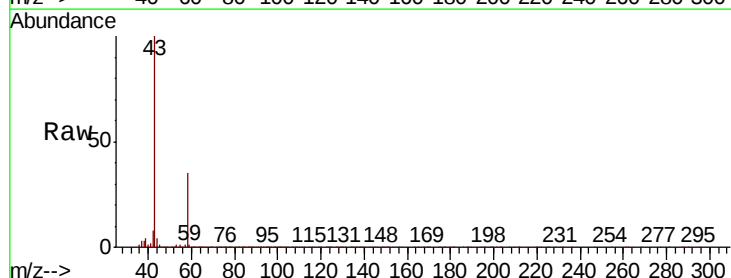
Acq: 10 Mar 2020 10:47

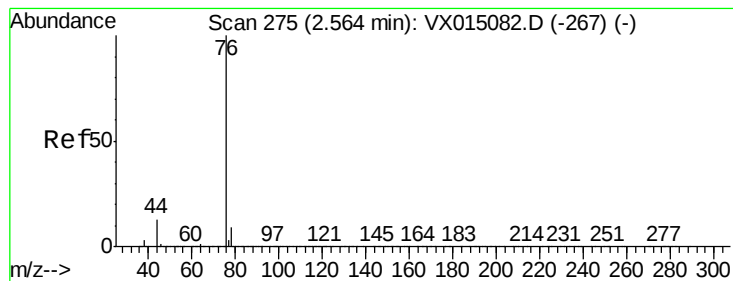
Tgt Ion: 43 Resp: 145987

Ion Ratio Lower Upper

43 100

58 35.4 24.8 37.2





#17

Carbon Disulfide

Concen: 17.765 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

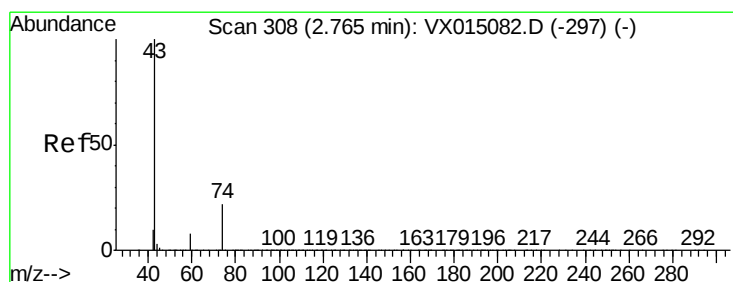
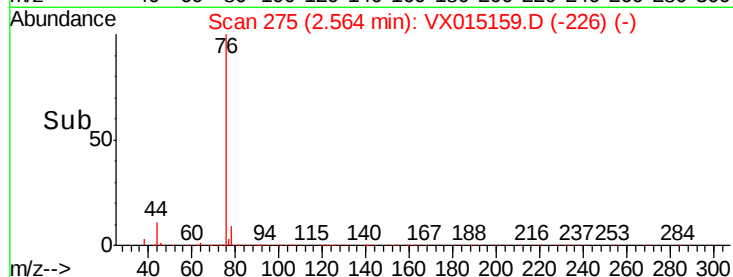
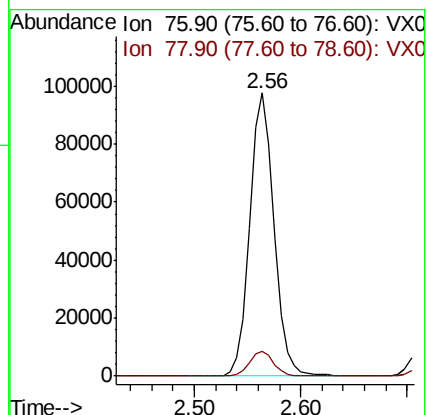
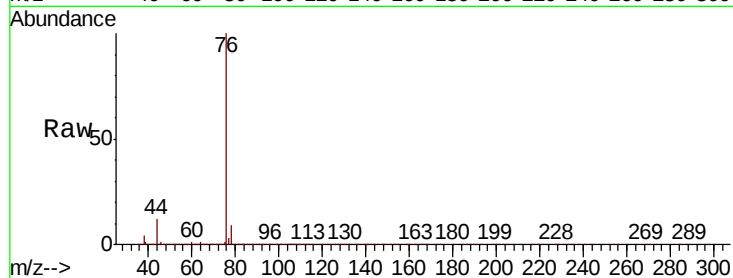
ClientSampled :

Tot Ion: 76 Resp: 155696

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



#18

Methyl Acetate

Concen: 20.938 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015159.D

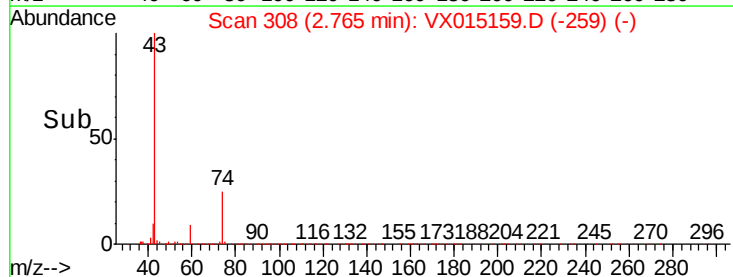
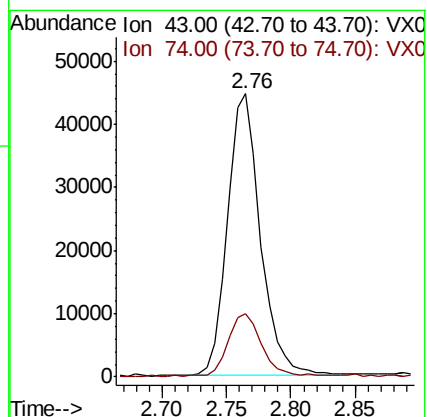
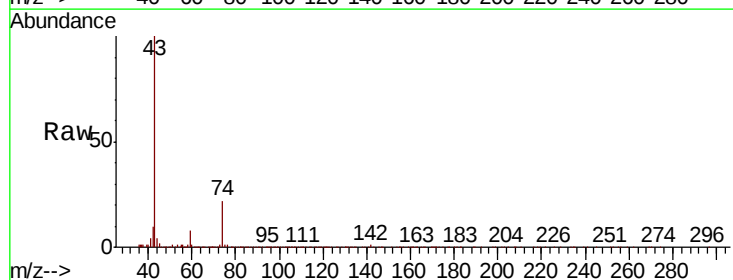
Acq: 10 Mar 2020 10:47

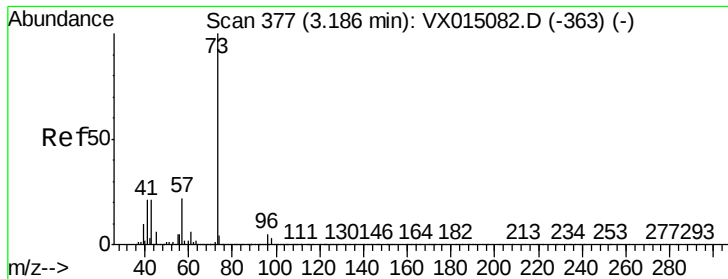
Tgt Ion: 43 Resp: 79883

Ion Ratio Lower Upper

43 100

74 22.5 18.8 28.2

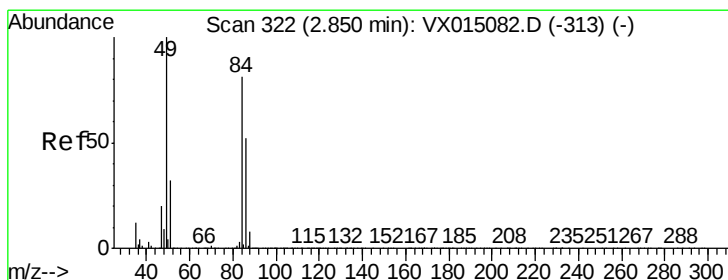
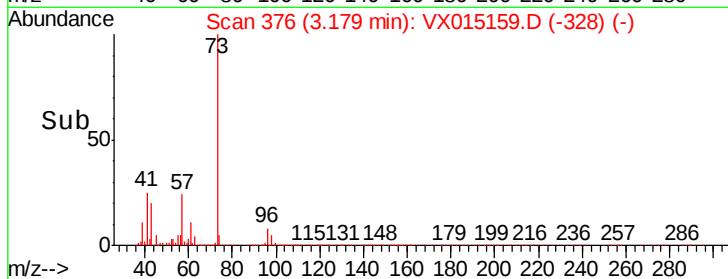
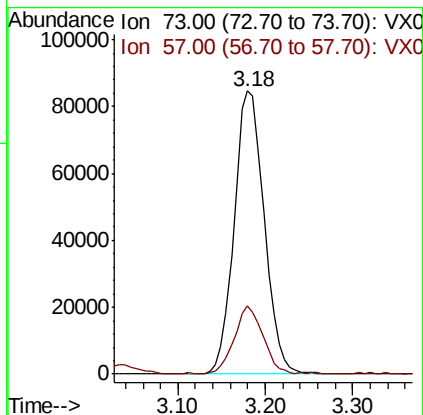
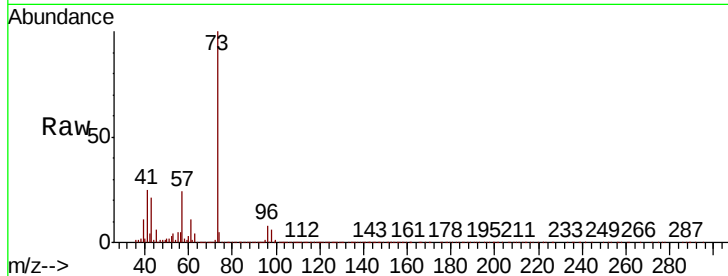




#19
Methyl tert-butyl Ether
Concen: 20.573 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

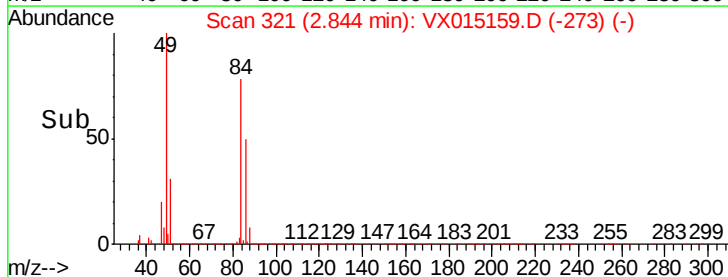
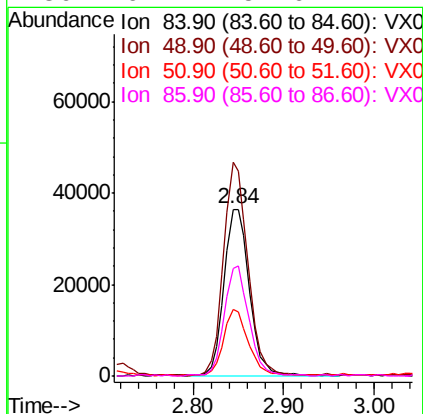
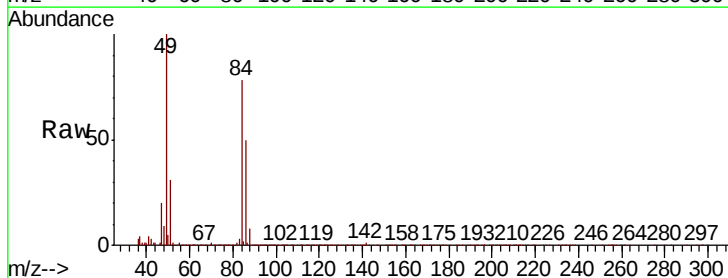
Instrument :
MSVOA_X
ClientSampleId :

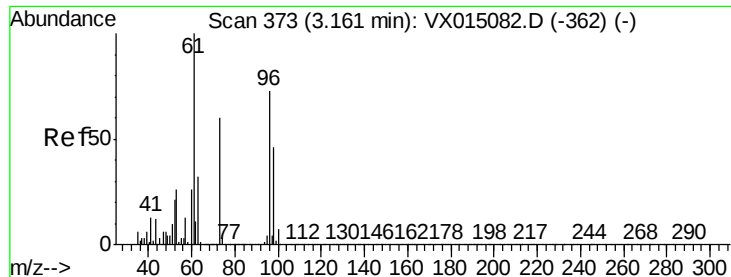
Tot Ion: 73 Resp: 202880
Ion Ratio Lower Upper
73 100
57 23.8 17.8 26.6



#20
Methylene Chloride
Concen: 19.367 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 84 Resp: 70718
Ion Ratio Lower Upper
84 100
49 128.0 99.4 149.2
51 40.2 31.5 47.3
86 64.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.292 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

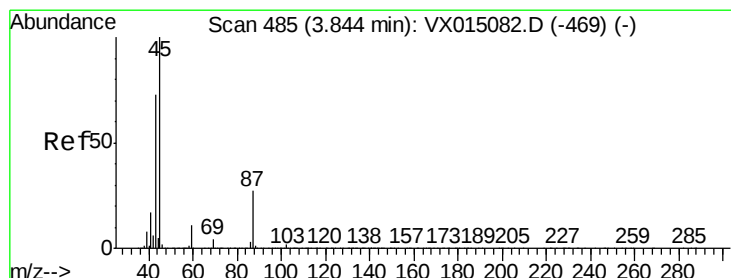
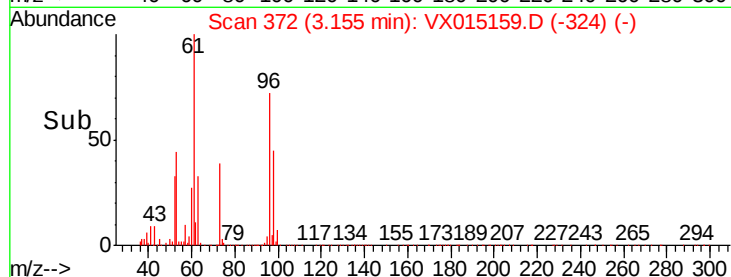
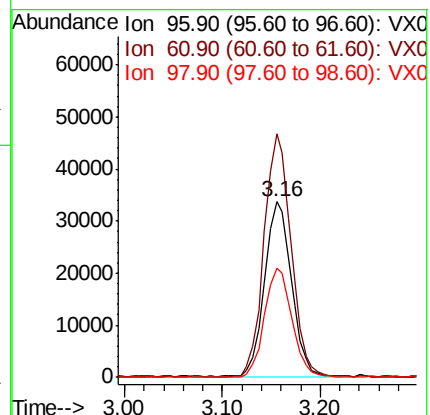
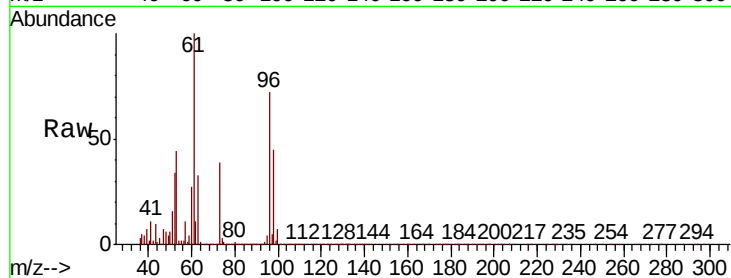
Tot Ion: 96 Resp: 65009

Ion Ratio Lower Upper

96 100

61 138.4 109.9 164.9

98 62.1 50.2 75.2



#22

Diisopropyl ether

Concen: 20.868 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion: 45 Resp: 228781

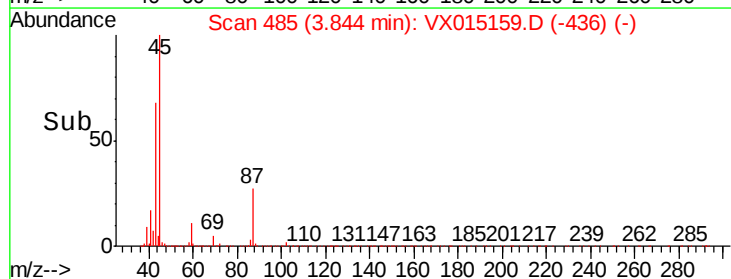
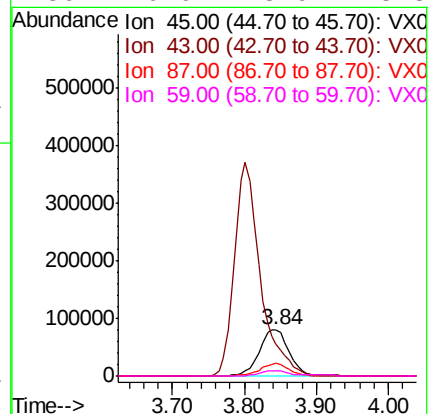
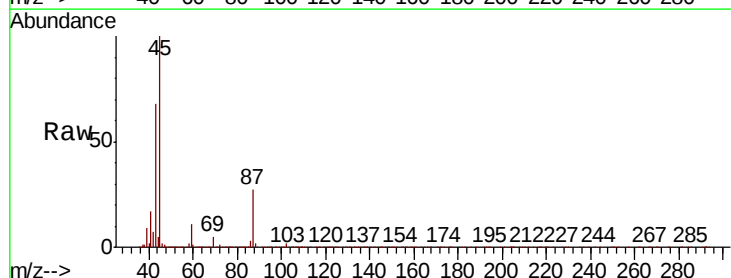
Ion Ratio Lower Upper

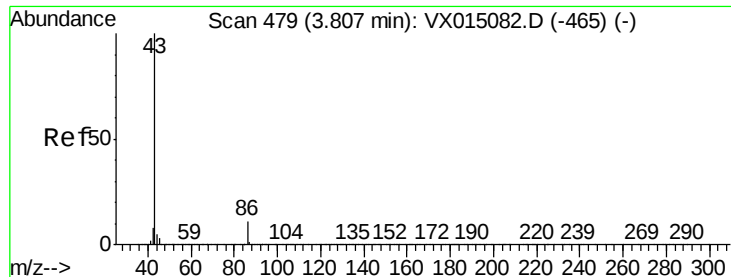
45 100

43 68.3 58.2 87.2

87 27.1 21.2 31.8

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 103.651 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

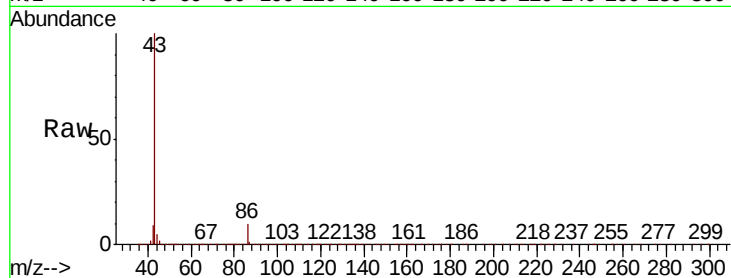
ClientSampleId :

Tot Ion: 43 Resp: 934072

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

300000

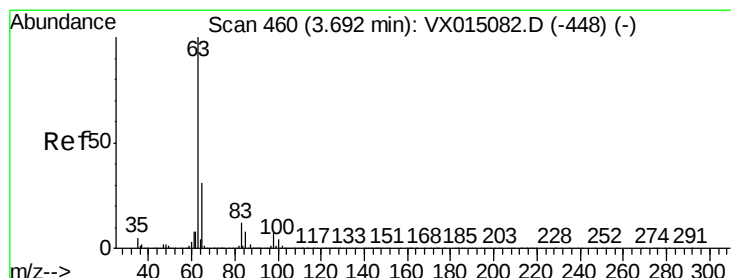
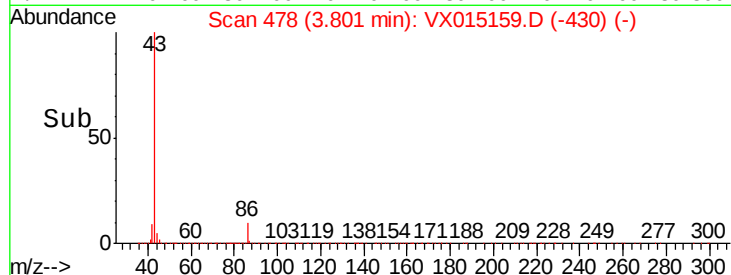
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.575 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

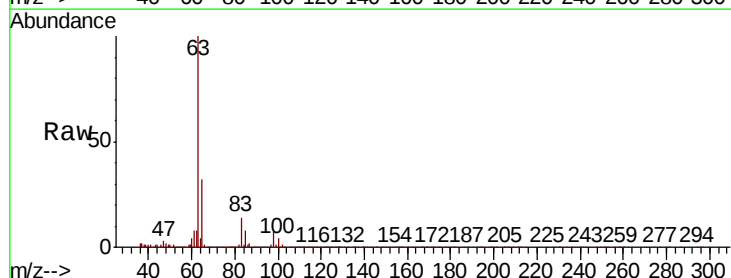
Tgt Ion: 63 Resp: 119105

Ion Ratio Lower Upper

63 100

98 6.4 3.7 11.1

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

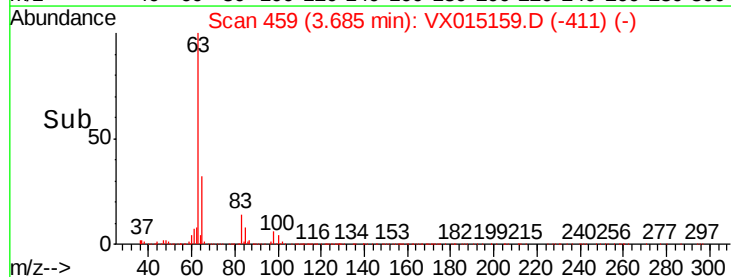
40000

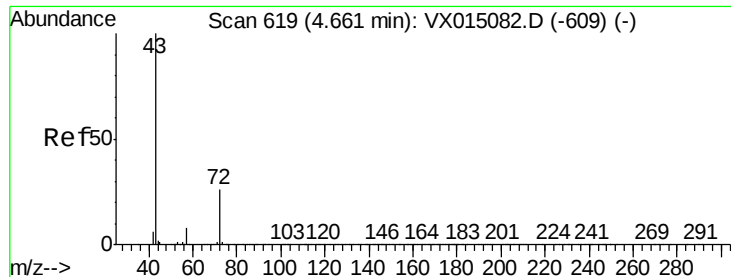
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 101.488 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

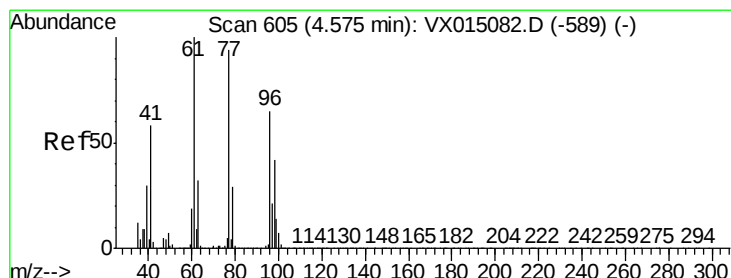
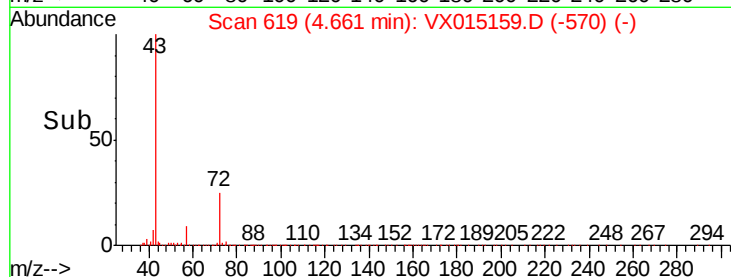
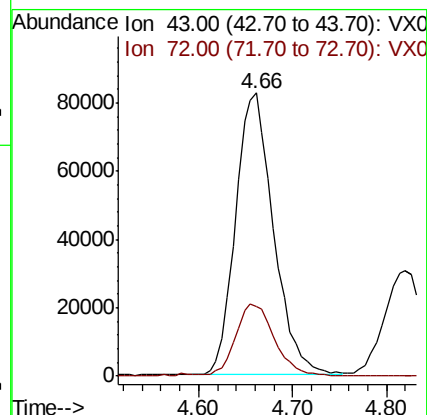
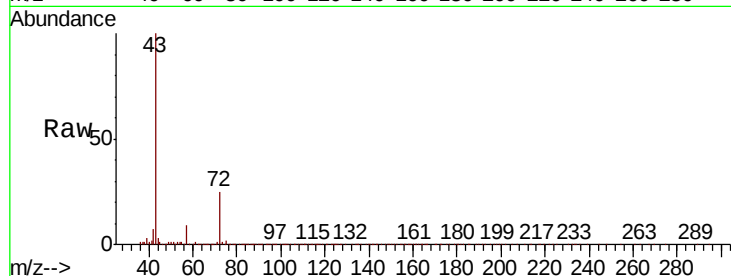
ClientSampled :

Tot Ion: 43 Resp: 231822

Ion Ratio Lower Upper

43 100

72 24.6 20.6 30.8



#26

2,2-Dichloropropane

Concen: 19.646 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015159.D

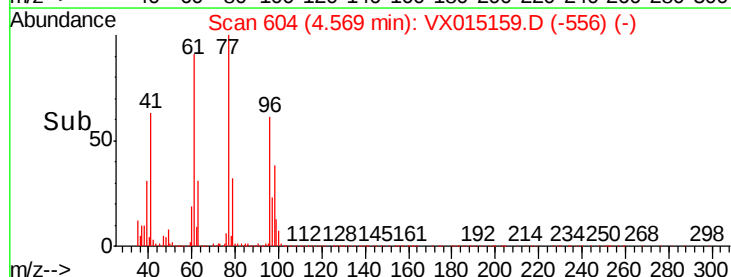
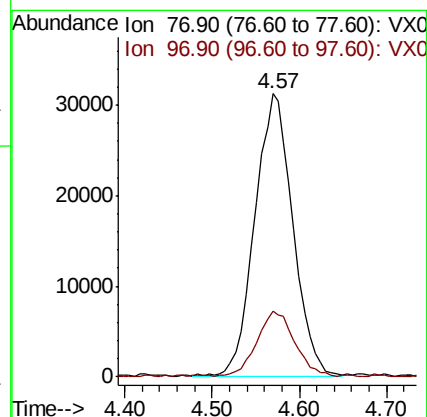
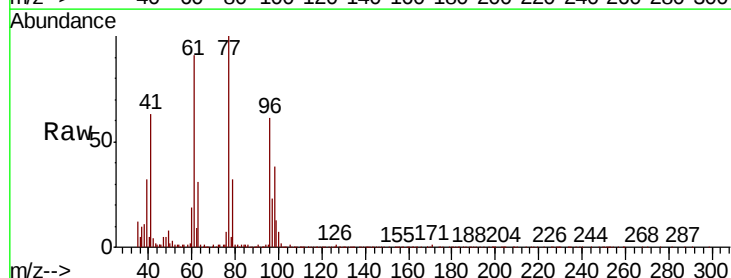
Acq: 10 Mar 2020 10:47

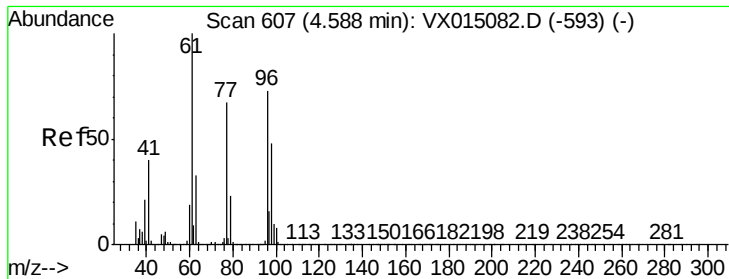
Tgt Ion: 77 Resp: 94896

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4



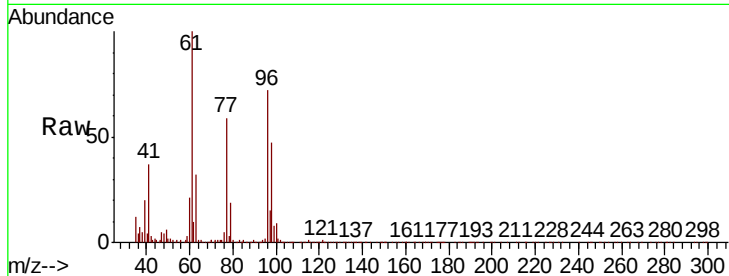


#27

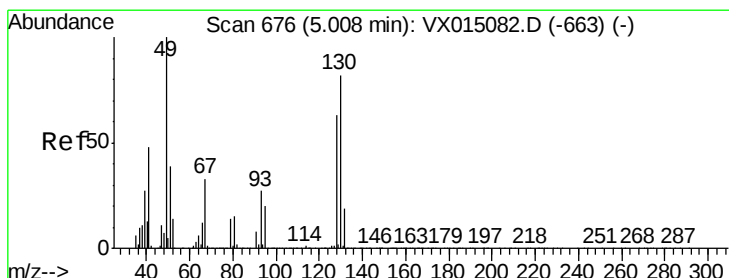
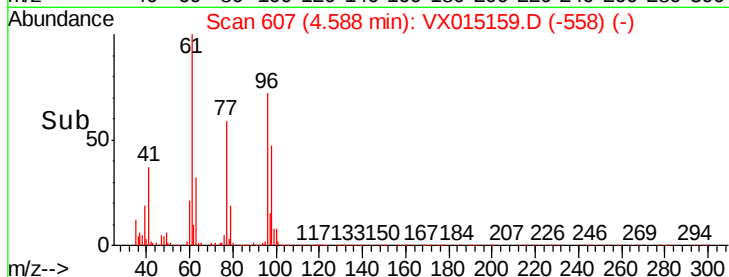
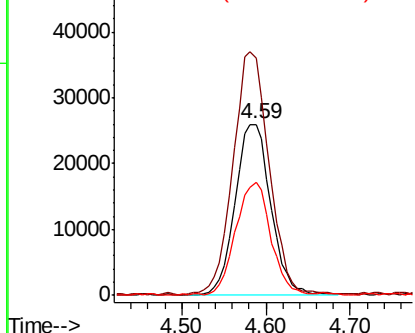
cis-1,2-Dichloroethene
Concen: 19.463 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	286.8
98	66.3	0.0	128.4



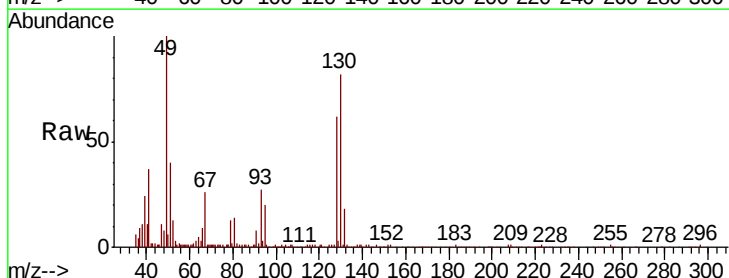
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



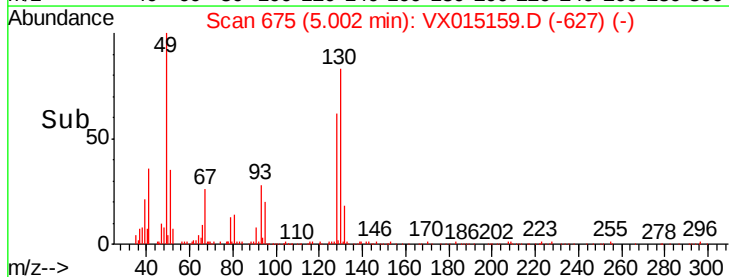
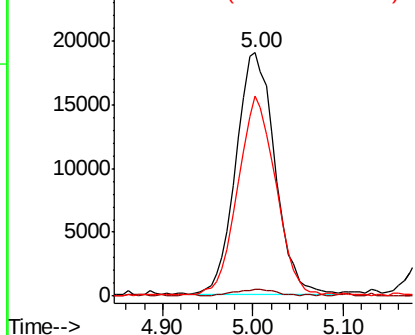
#28

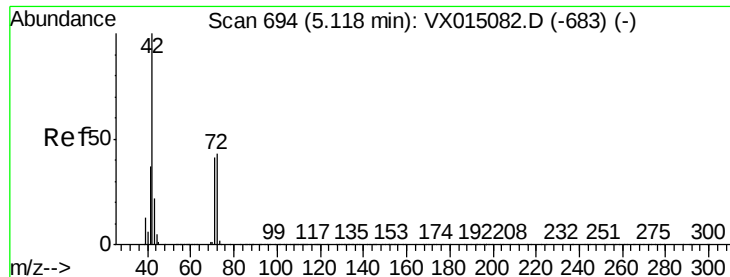
Bromochloromethane
Concen: 20.380 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	79.8	65.0	97.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.186 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

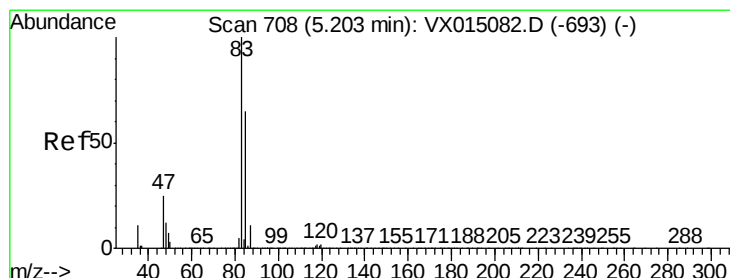
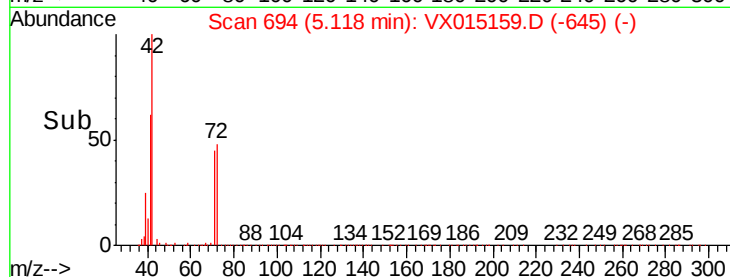
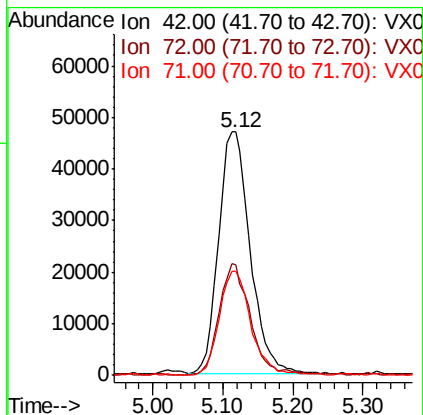
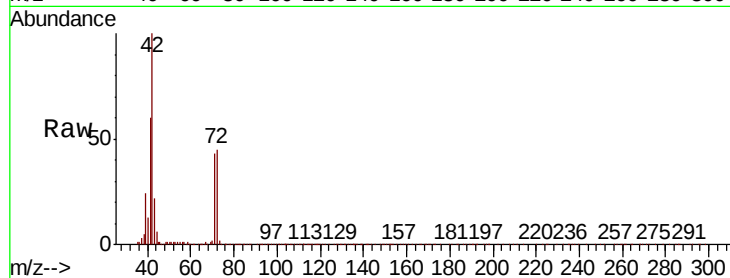
Tot Ion: 42 Resp: 146045

Ion Ratio Lower Upper

42 100

72 45.4 36.4 54.6

71 43.1 33.3 49.9



#30

Chloroform

Concen: 20.061 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015159.D

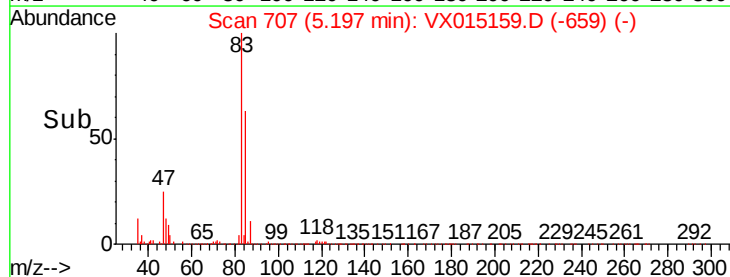
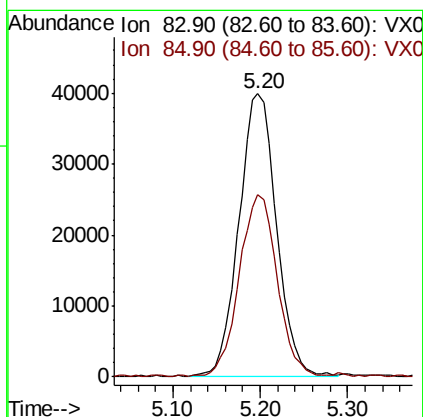
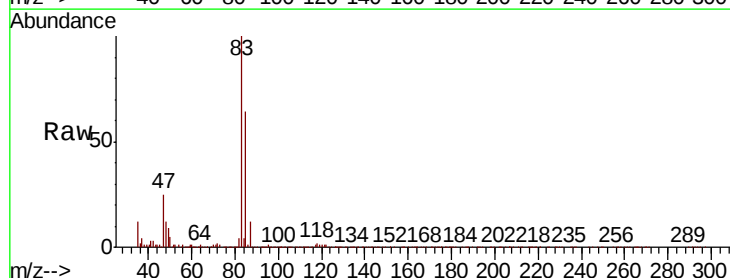
Acq: 10 Mar 2020 10:47

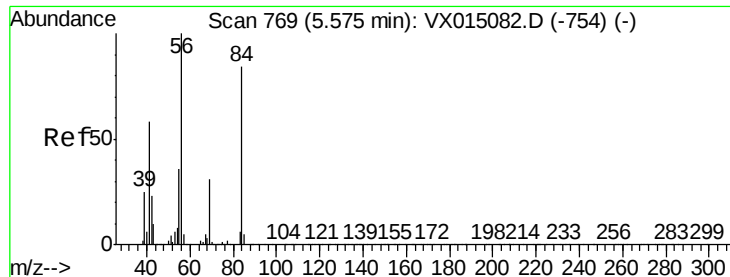
Tgt Ion: 83 Resp: 118969

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

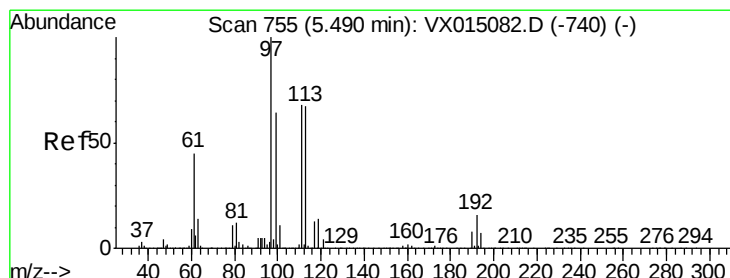
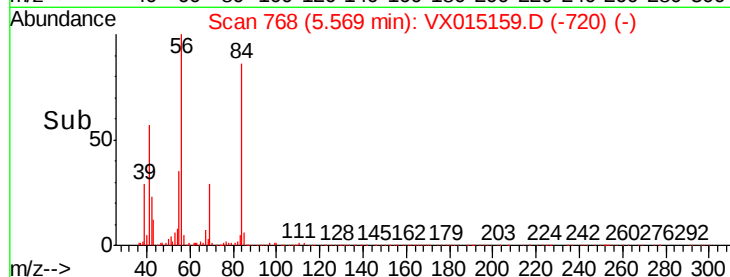
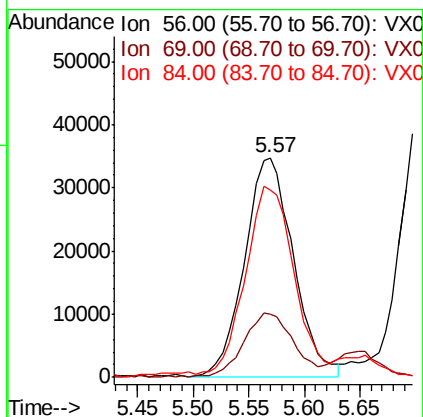
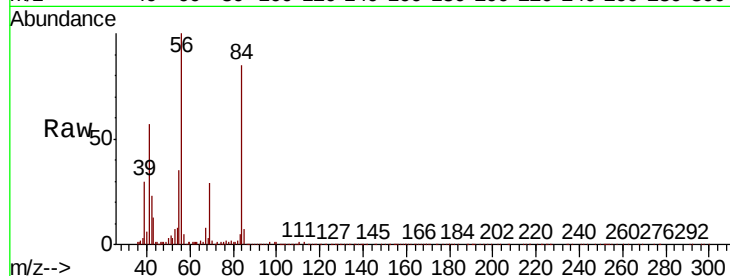




#31
Cyclohexane
Concen: 19.604 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

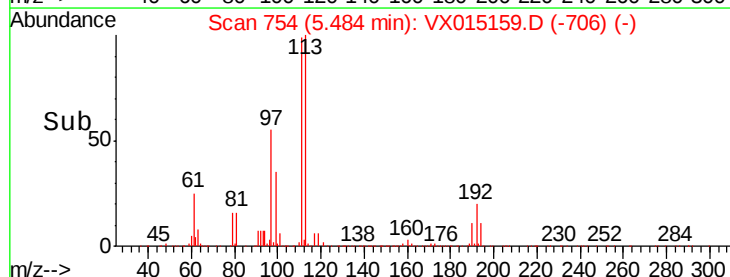
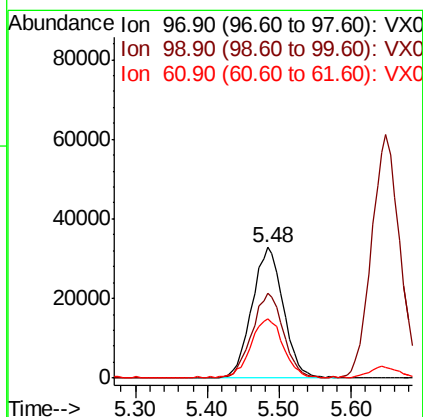
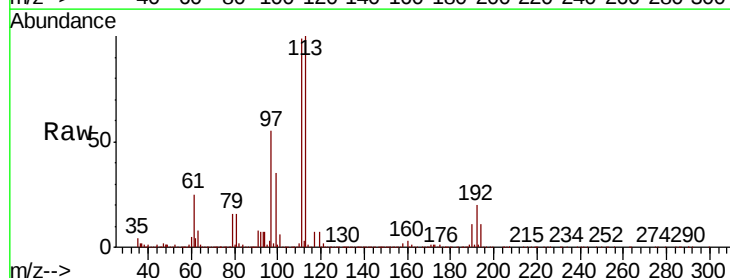
Instrument :
MSVOA_X
ClientSampleId :

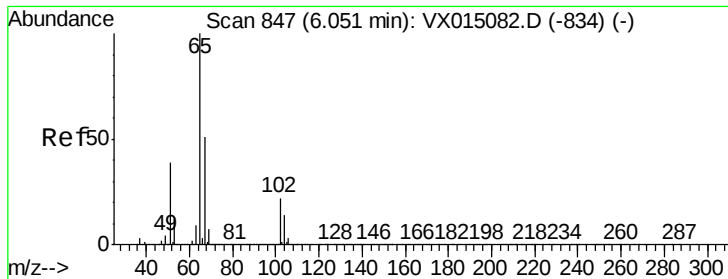
Tot Ion: 56 Resp: 106395
Ion Ratio Lower Upper
56 100
69 28.5 25.0 37.6
84 83.4 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 20.117 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 97 Resp: 98897
Ion Ratio Lower Upper
97 100
99 64.2 52.8 79.2
61 47.1 36.6 54.8

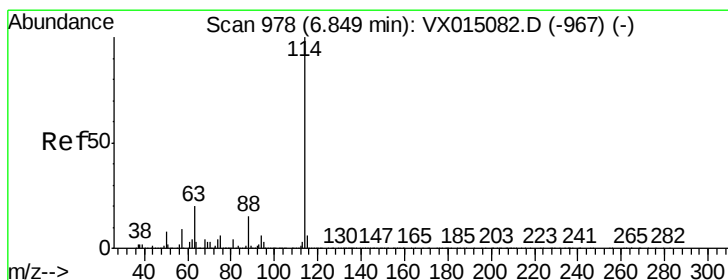
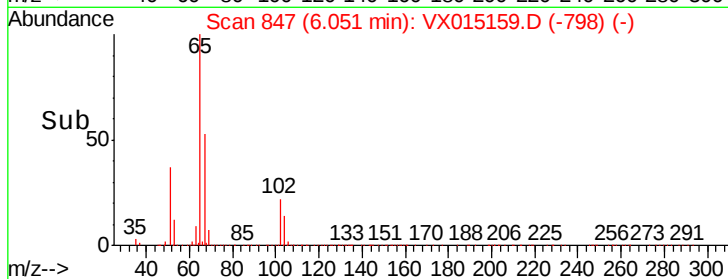
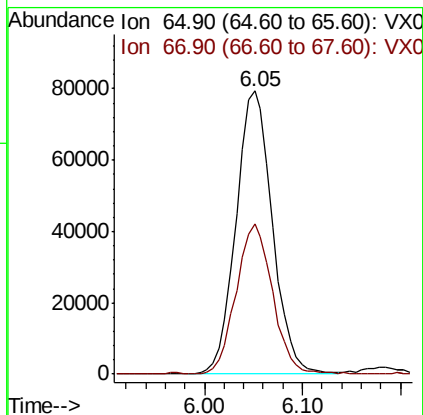
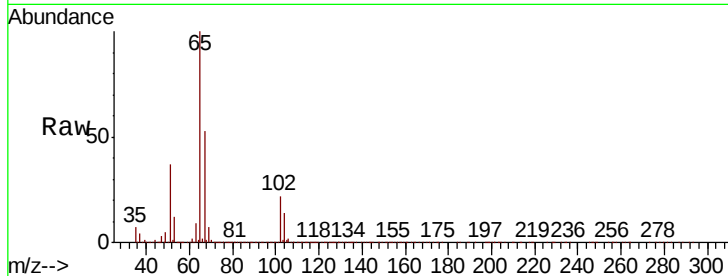




#33
 1,2-Dichloroethane-d4
 Concen: 52.884 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

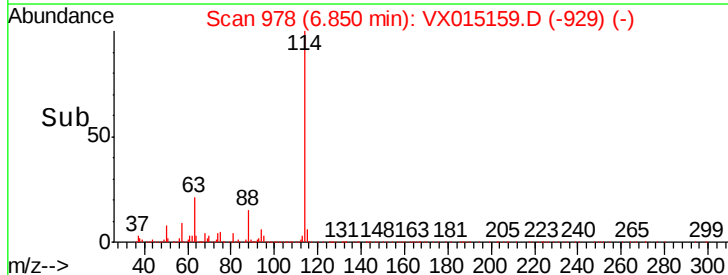
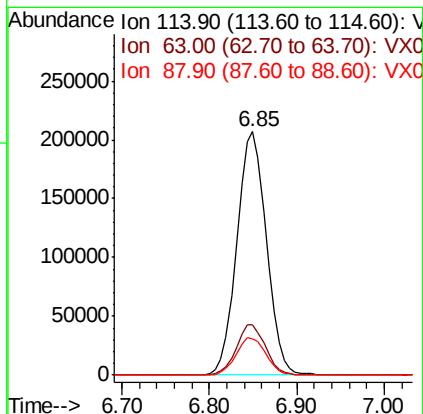
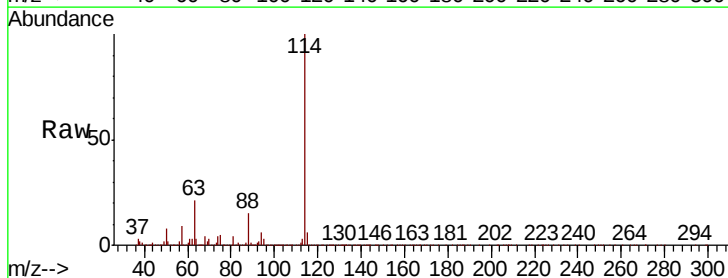
Instrument :
 MSVOA_X
 ClientSampleId :

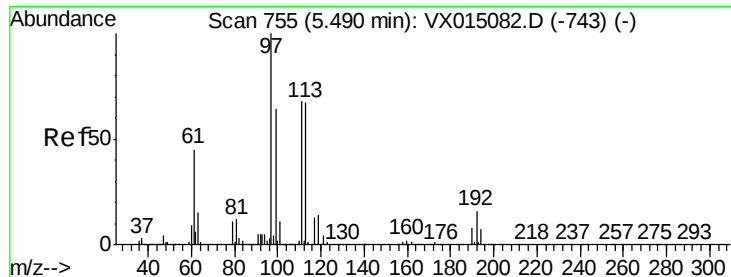
Tot Ion: 65 Resp: 203748
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion: 114 Resp: 485934
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.0 0.0 30.6

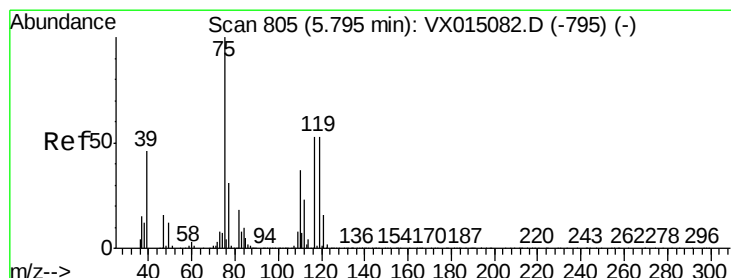
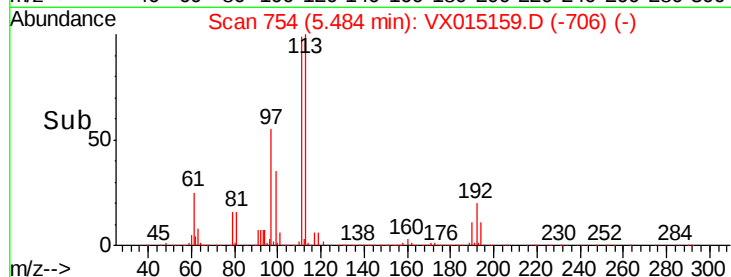
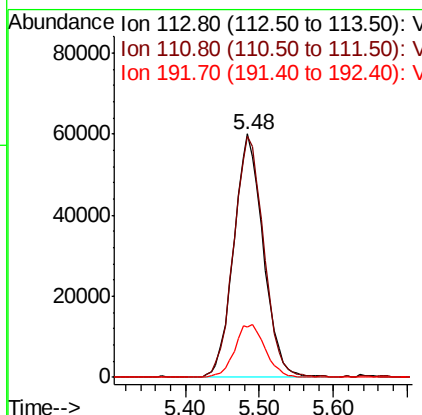
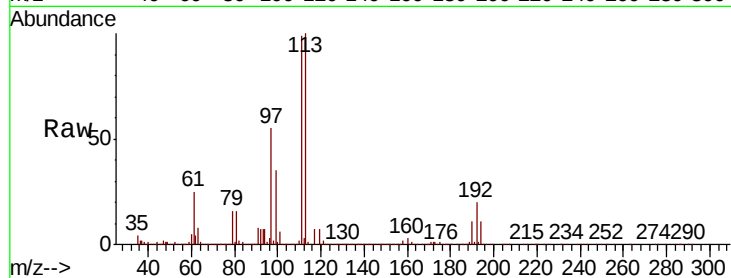




#35
 Dibromofluoromethane
 Concen: 54.014 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

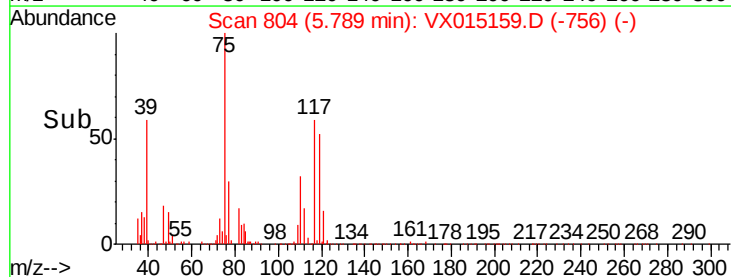
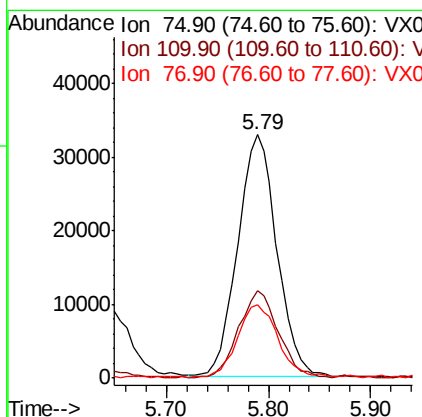
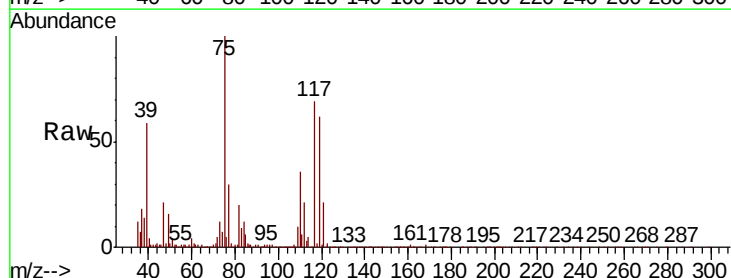
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	22.9	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 19.500 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.8
77	30.9	24.8	37.2

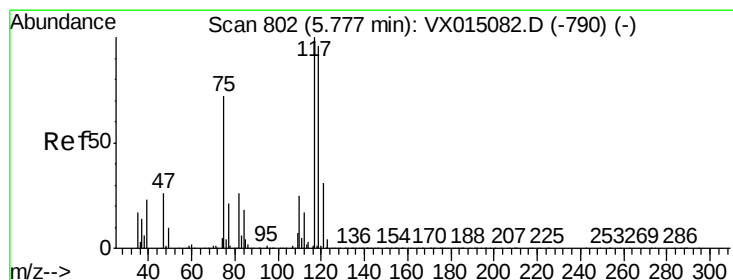
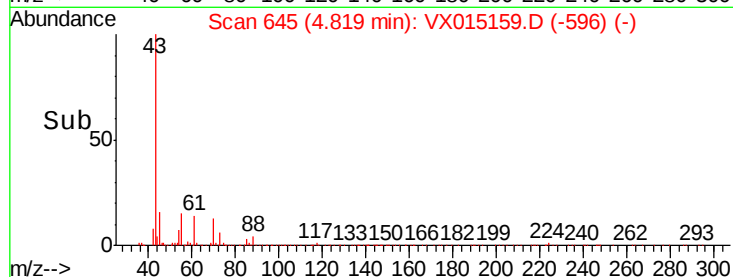
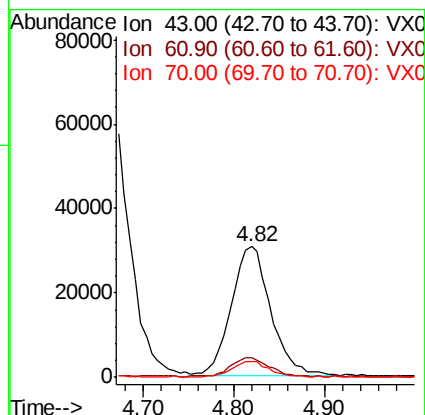
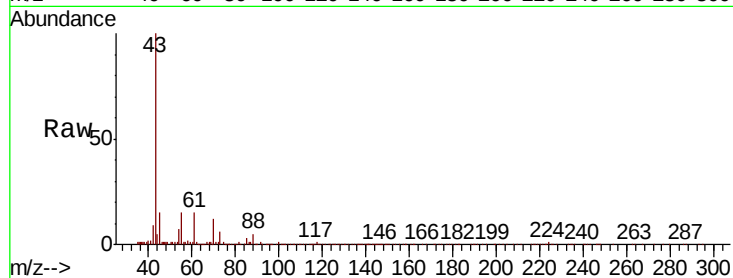




#37
Ethyl Acetate
Concen: 21.921 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

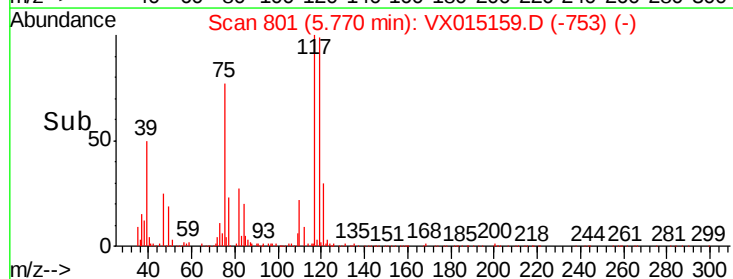
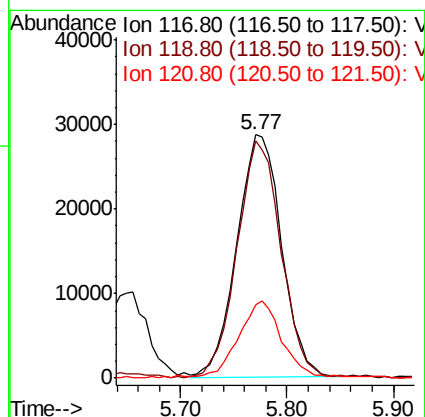
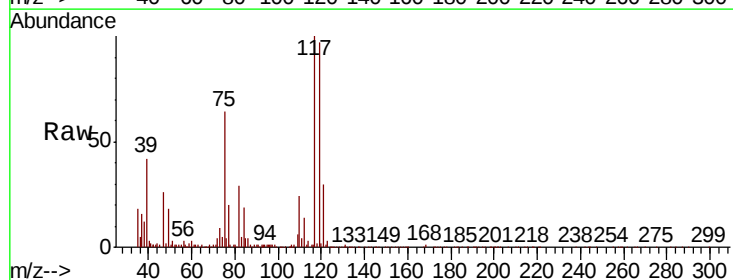
Instrument :
MSVOA_X
ClientSampleId :

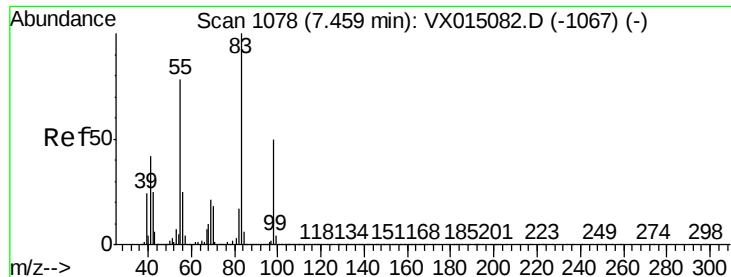
Tot Ion: 43 Resp: 91346
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 12.2 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 19.909 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 117 Resp: 84419
Ion Ratio Lower Upper
117 100
119 97.1 76.9 115.3
121 29.7 24.6 37.0

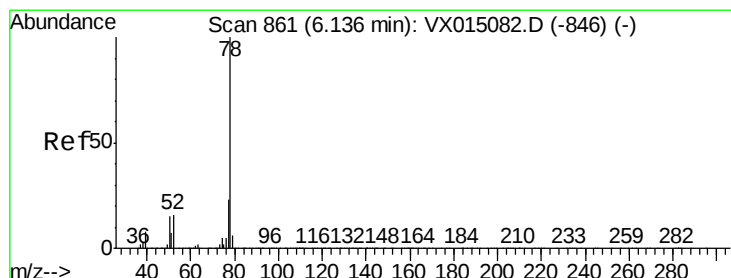
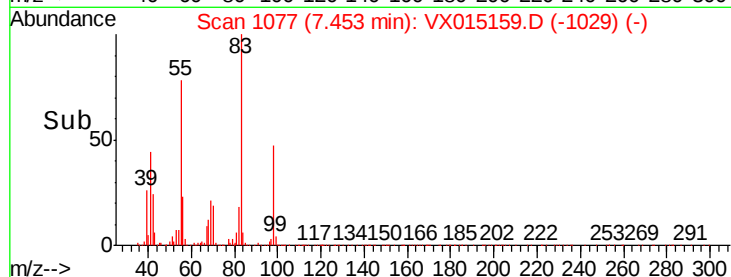
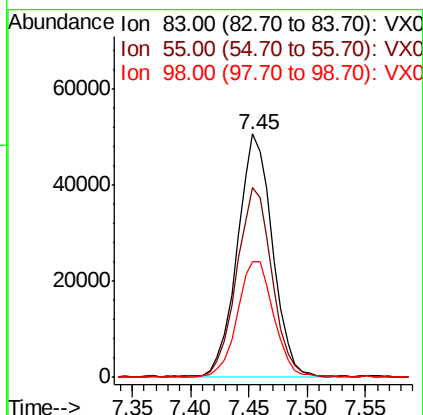
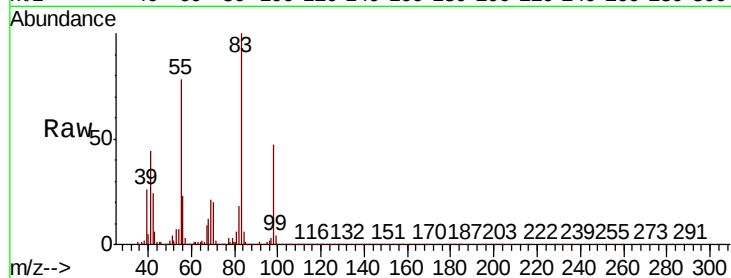




#39
Methvlcvclohexane
Concen: 20.168 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

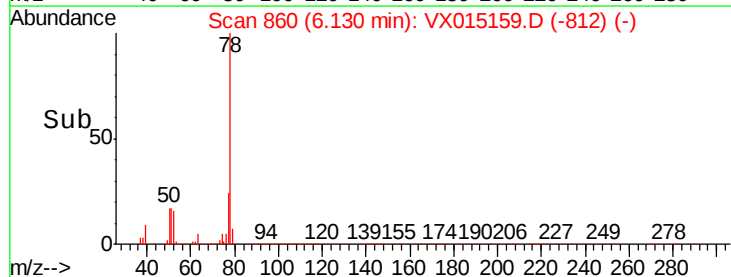
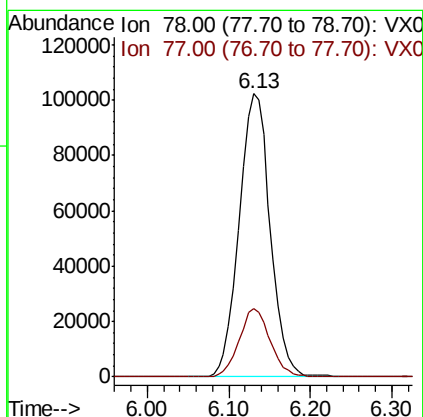
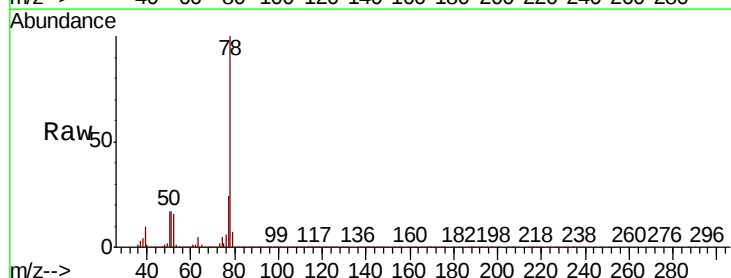
Instrument :
MSVOA_X
ClientSampleId :

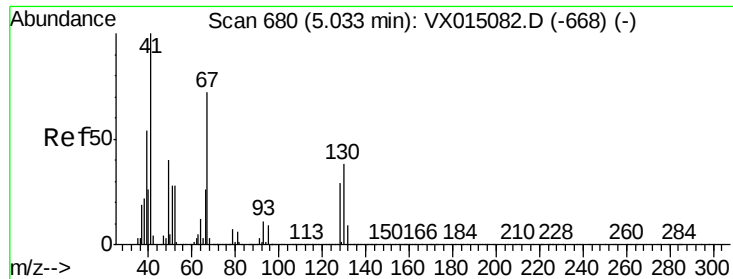
Tot Ion: 83 Resp: 105790
Ion Ratio Lower Upper
83 100
55 77.7 62.4 93.6
98 47.0 39.7 59.5



#40
Benzene
Concen: 20.155 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 78 Resp: 268624
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

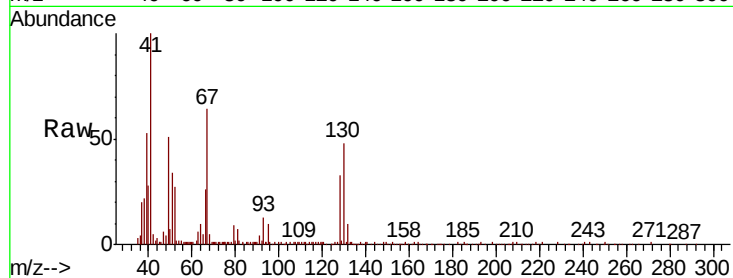




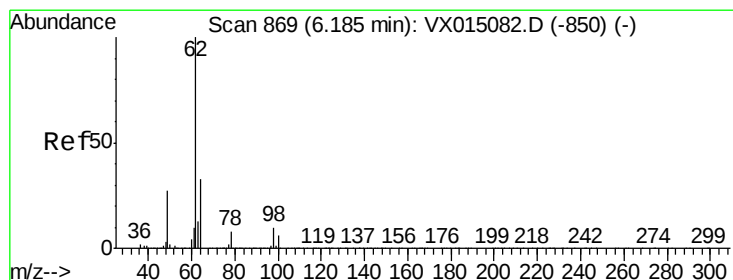
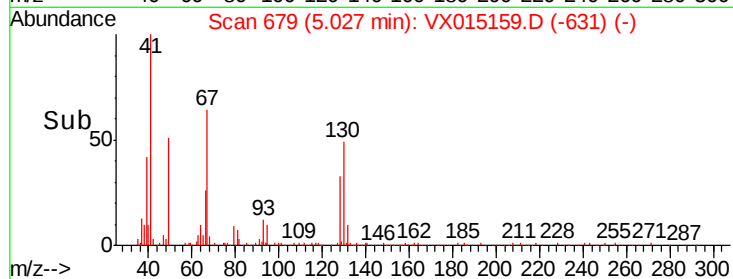
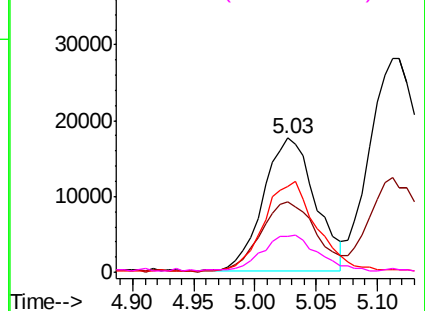
#41
Methacrylonitrile
Concen: 20.654 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	51696
Ion	Ratio	Lower	Upper
41	100		
39	57.6	43.9	65.9
67	69.6	57.8	86.8
52	27.7	22.6	34.0

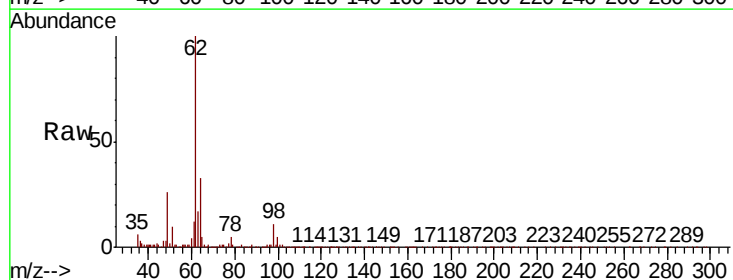


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

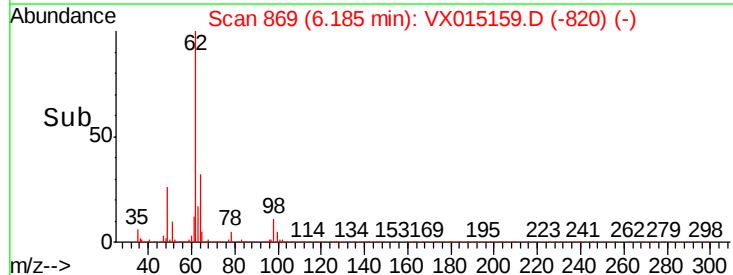
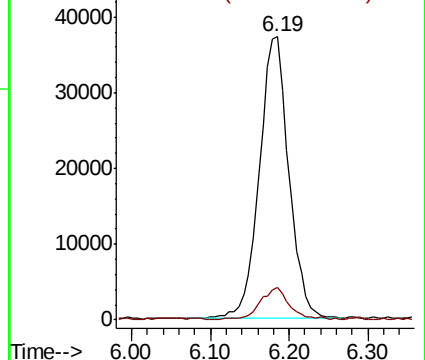


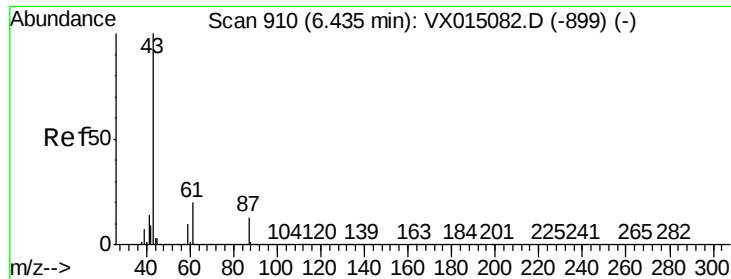
#42
1,2-Dichloroethane
Concen: 21.218 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion:	62	Resp:	97116
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	20.6



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



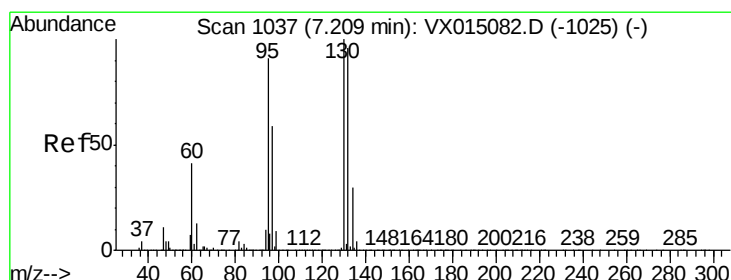
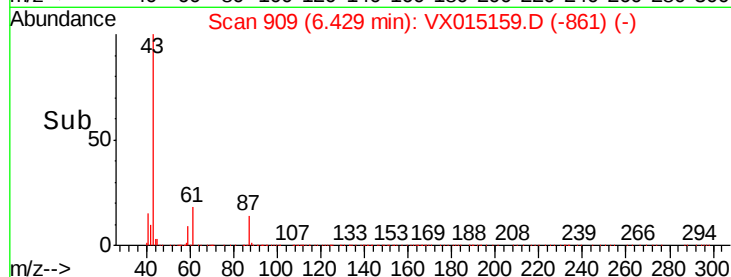
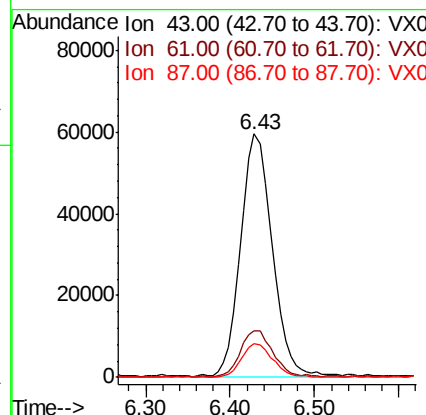
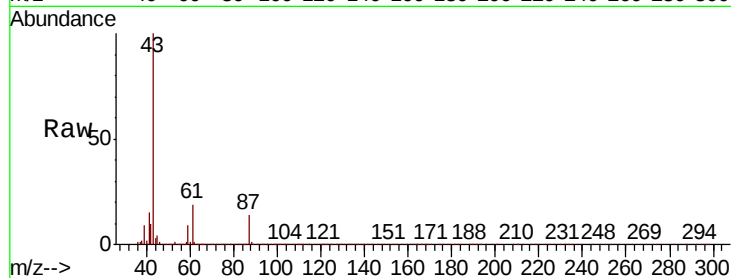


#43

Isopropyl Acetate
 Concen: 20.516 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

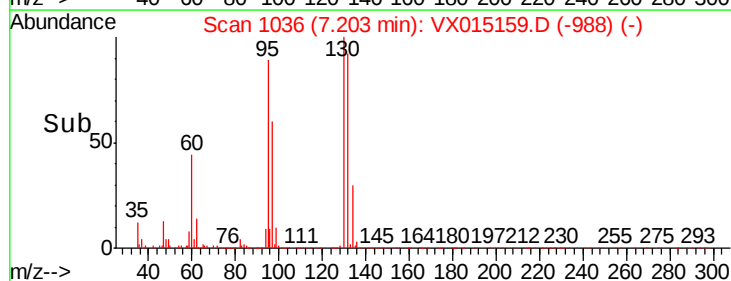
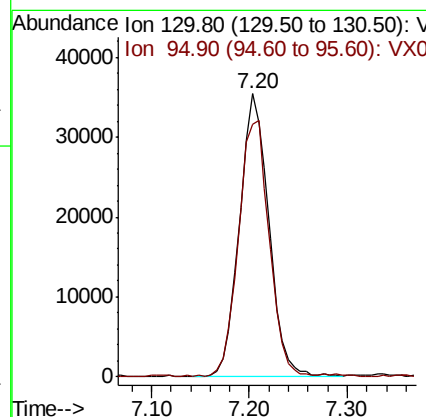
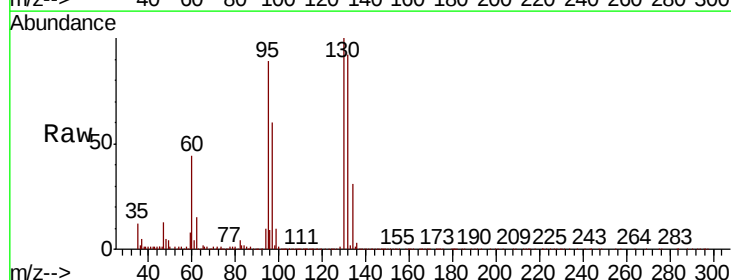
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.1	24.1
87	13.2	10.6	16.0

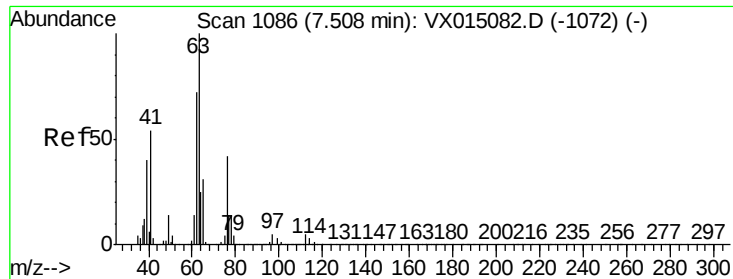


#44

Trichloroethene
 Concen: 19.972 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	181.2

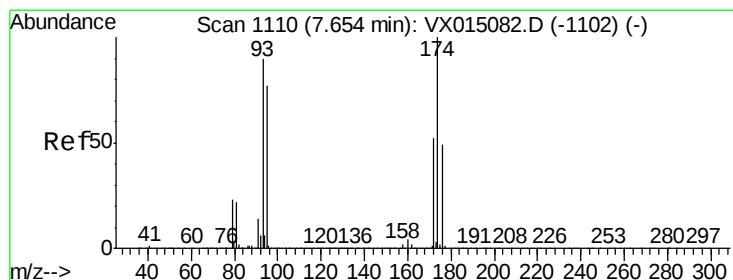
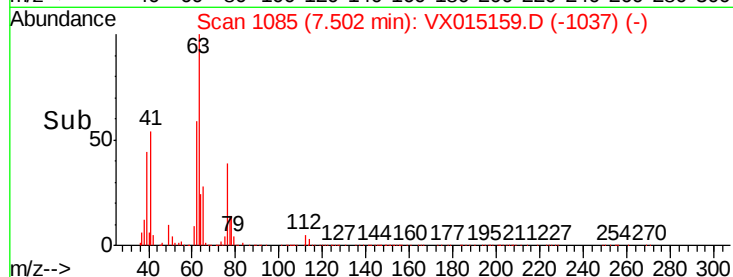
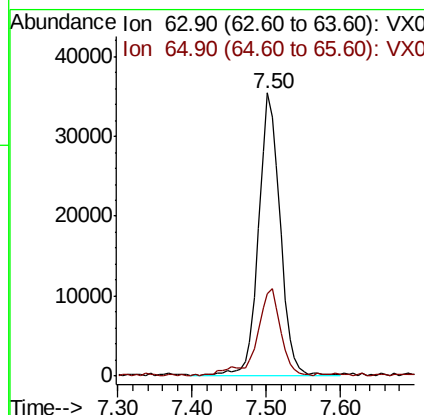
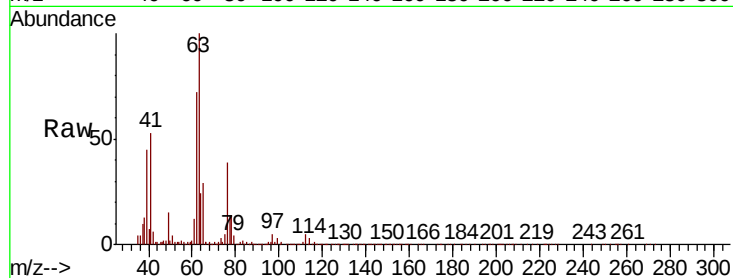




#45
 1,2-Dichloropropane
 Concen: 21.131 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

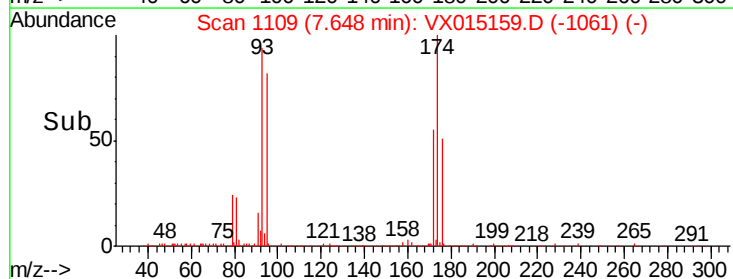
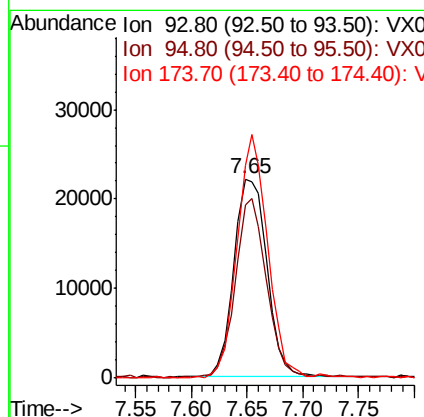
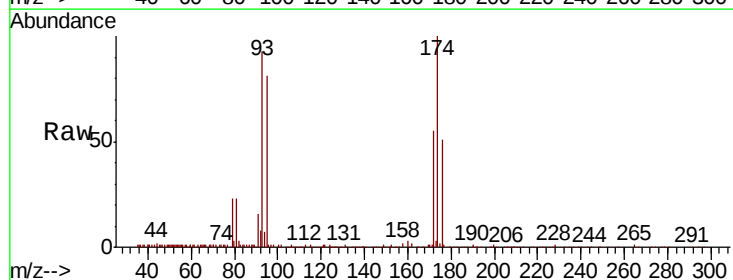
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 72898
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.6 36.8



#46
 Dibromomethane
 Concen: 20.308 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion: 93 Resp: 45650
 Ion Ratio Lower Upper
 93 100
 95 86.9 67.8 101.8
 174 112.0 91.0 136.4

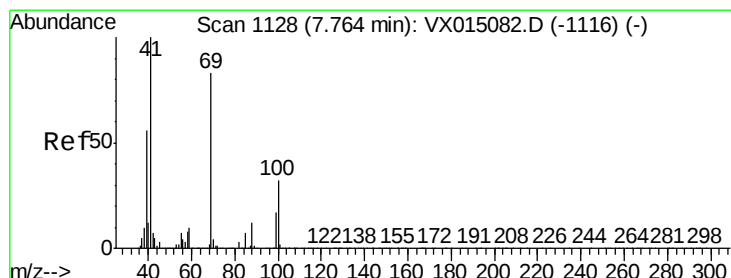
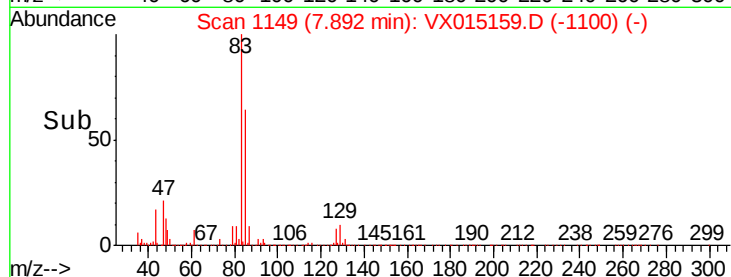
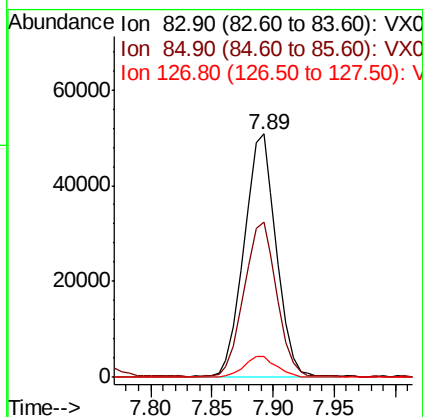
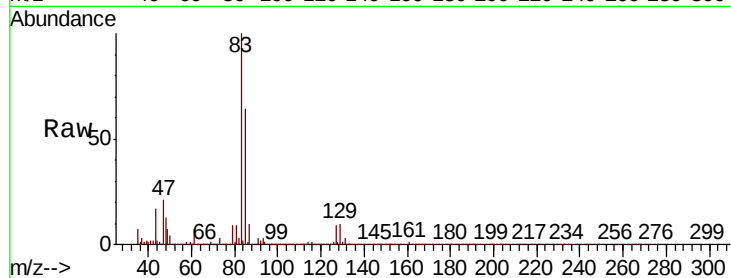




#47
Bromodichloromethane
Concen: 20.757 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

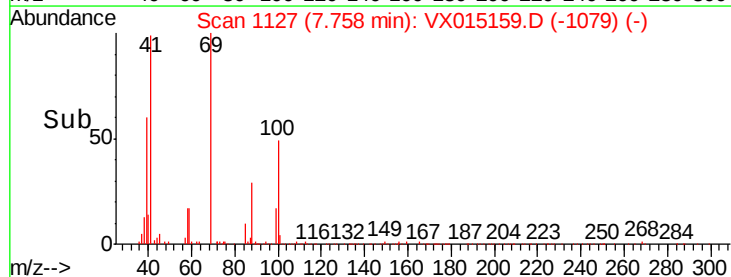
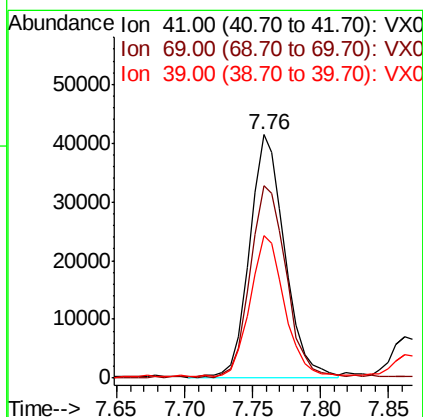
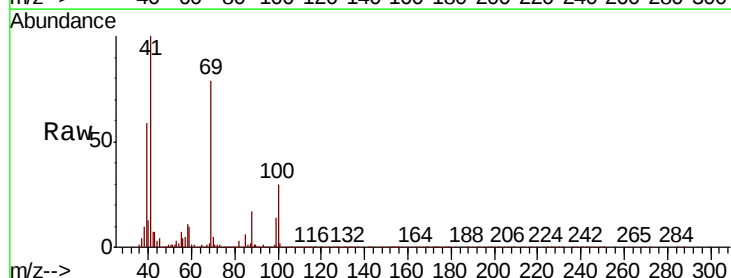
Instrument :
MSVOA_X
ClientSampleId :

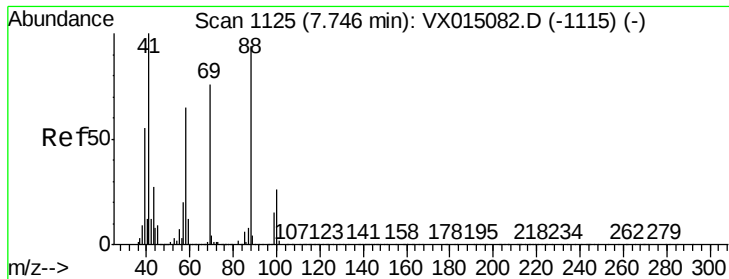
Tot Ion: 83 Resp: 92268
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 19.961 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 41 Resp: 74476
Ion Ratio Lower Upper
41 100
69 82.2 65.4 98.2
39 58.0 44.6 67.0

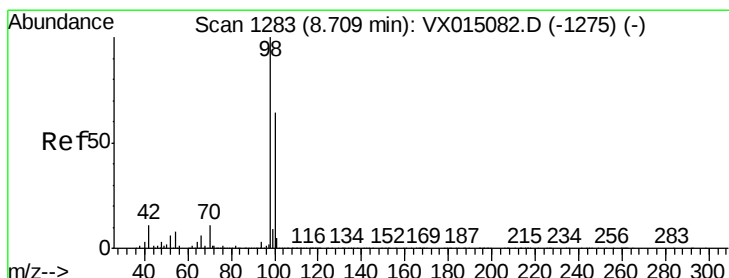
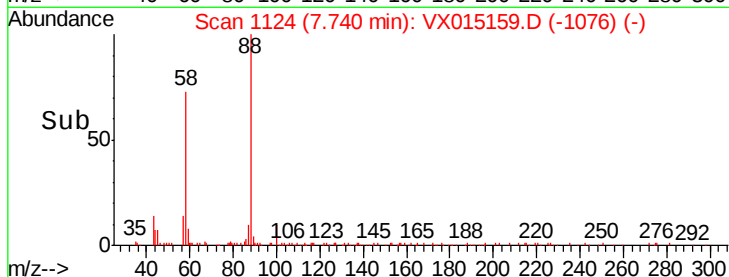
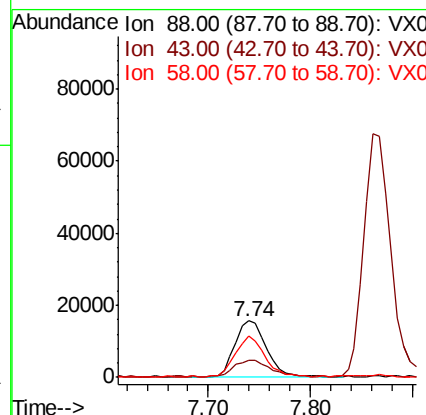
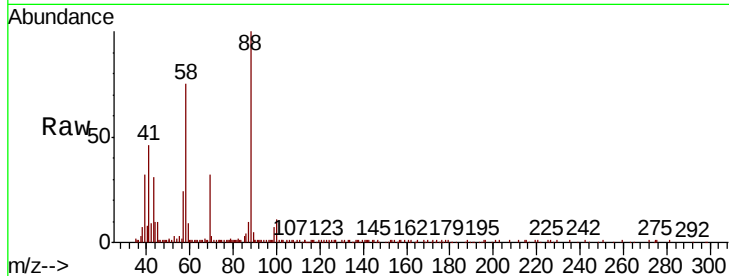




#49
1,4-Dioxane
Concen: 414.806 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

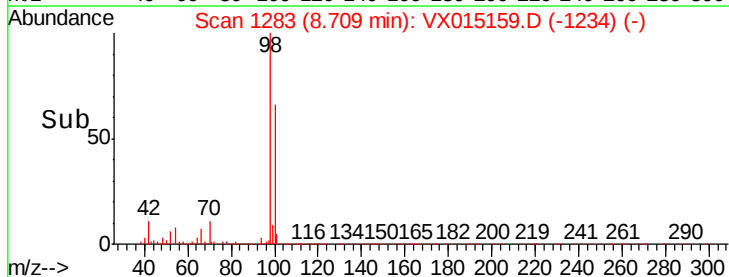
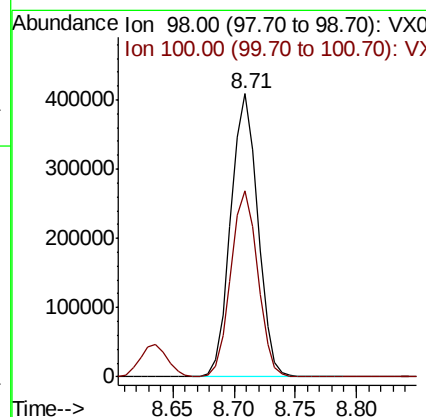
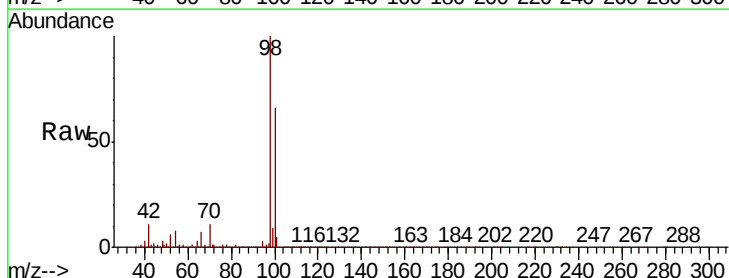
Instrument :
MSVOA_X
ClientSampleId :

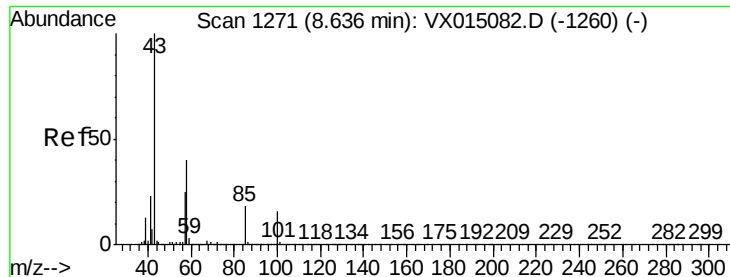
Tot Ion: 88 Resp: 33462
Ion Ratio Lower Upper
88 100
43 32.7 27.0 40.4
58 67.0 55.6 83.4



#50
Toluene-d8
Concen: 53.525 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 98 Resp: 624163
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 108.118 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

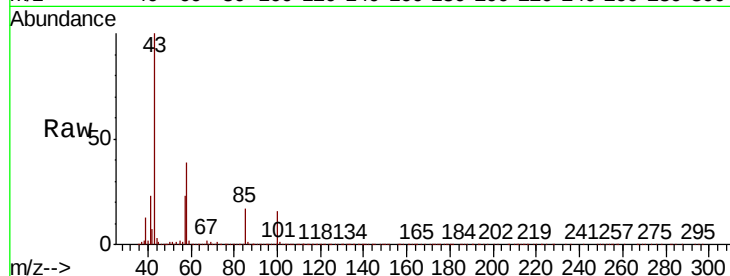
ClientSampleId :

Tot Ion: 43 Resp: 468614

Ion Ratio Lower Upper

43 100

58 39.0 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

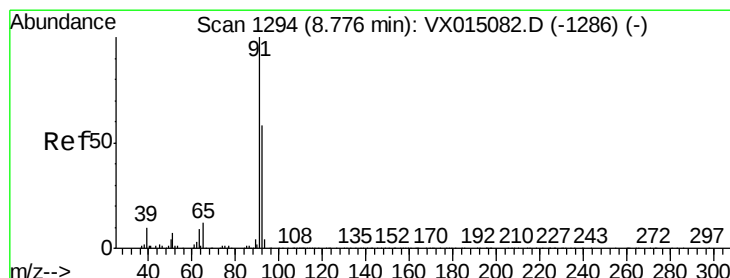
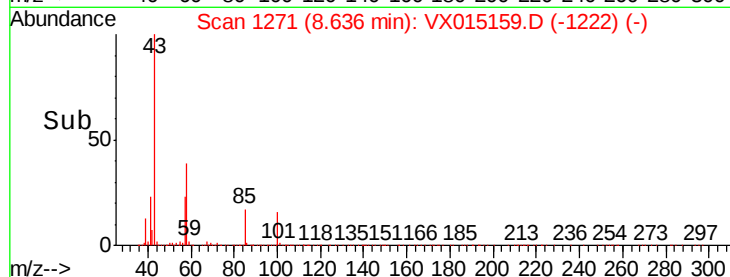
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.808 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015159.D

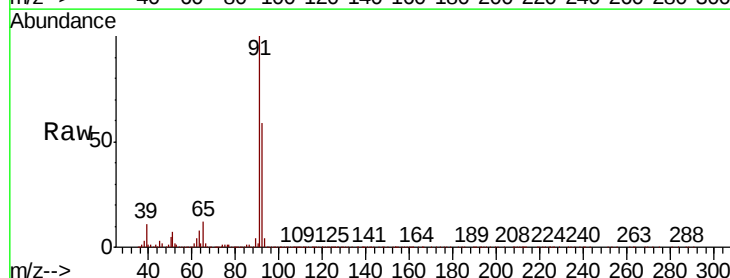
Acq: 10 Mar 2020 10:47

Tgt Ion: 92 Resp: 169566

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

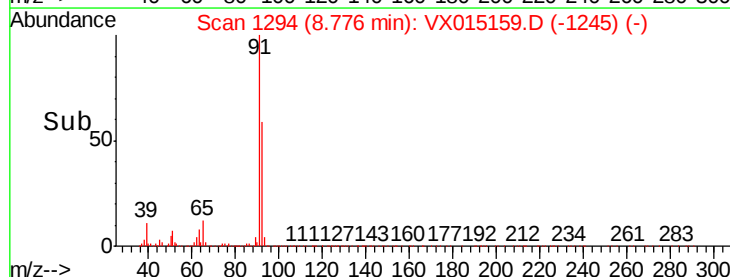
150000

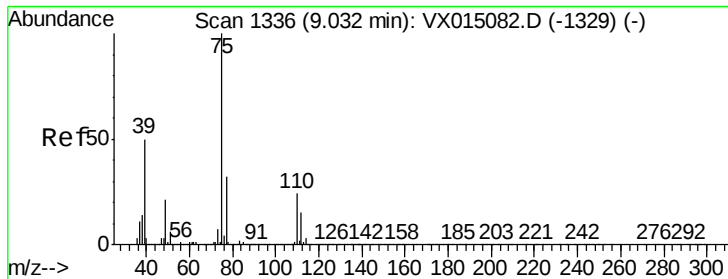
100000

50000

0

Time-->

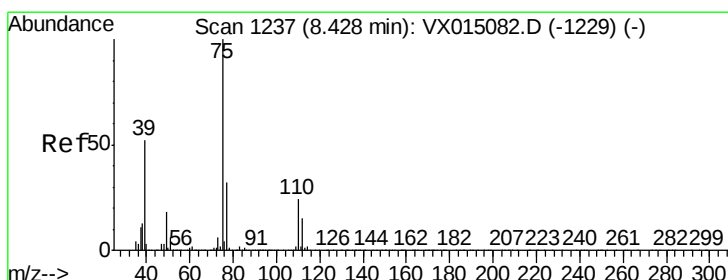
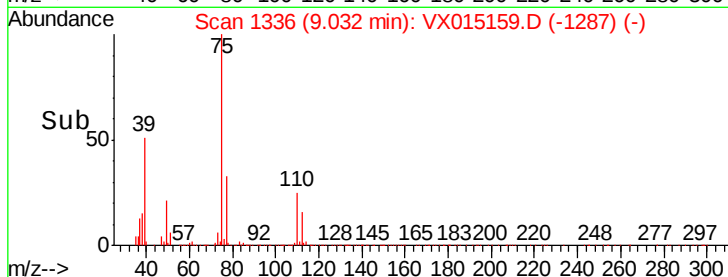
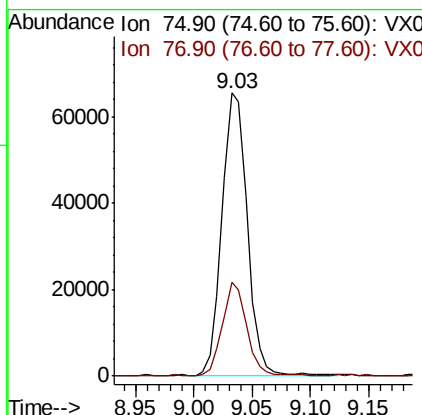
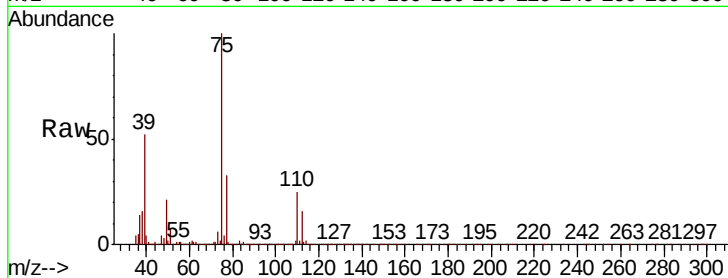




#53
t-1,3-Dichloropropene
Concen: 21.000 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

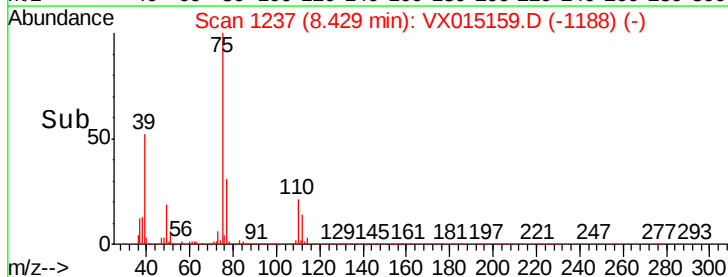
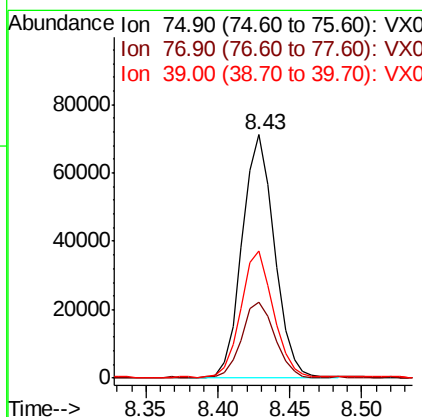
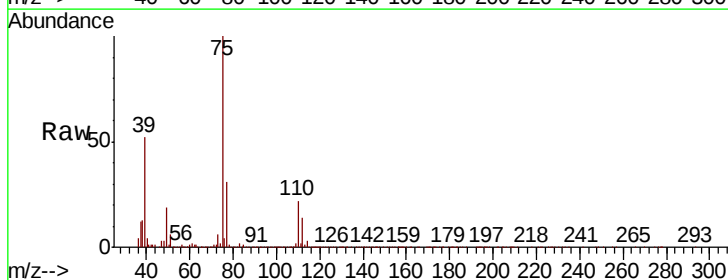
Instrument :
MSVOA_X
ClientSampleId :

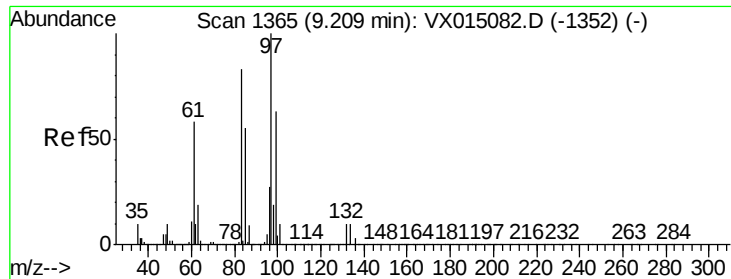
Tot Ion: 75 Resp: 99359
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.659 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 75 Resp: 110502
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 51.6 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 20.705 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 69447

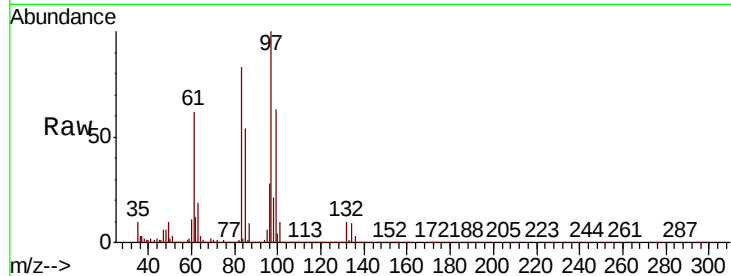
Ion Ratio Lower Upper

97 100

83 82.9 66.4 99.6

85 54.3 43.5 65.3

99 62.4 50.7 76.1

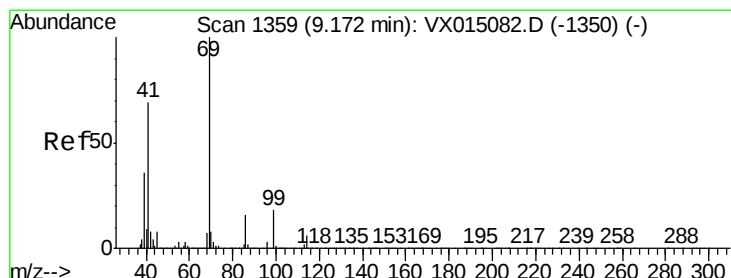
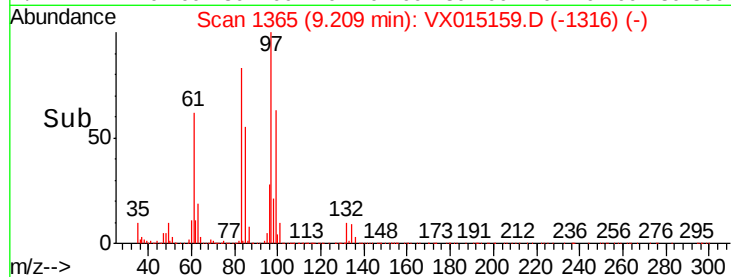
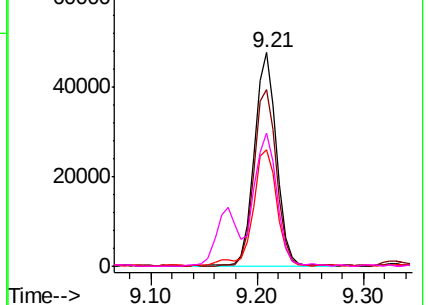


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.325 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

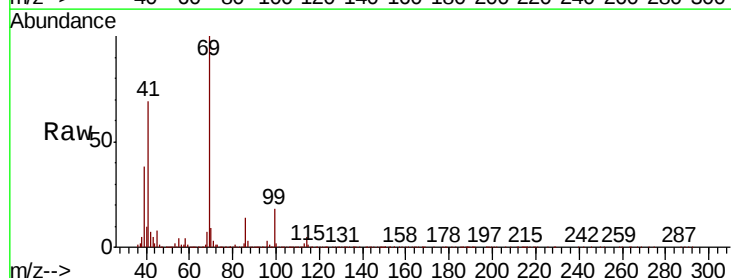
Tgt Ion: 69 Resp: 102025

Ion Ratio Lower Upper

69 100

41 68.8 55.8 83.8

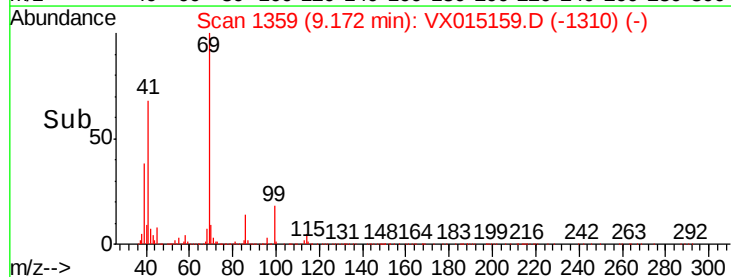
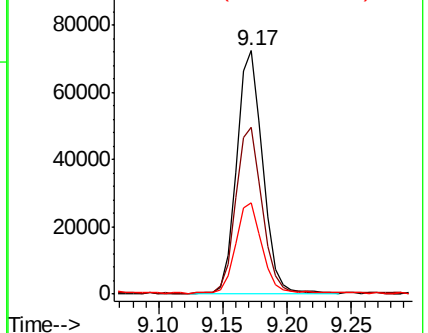
39 37.3 29.4 44.2

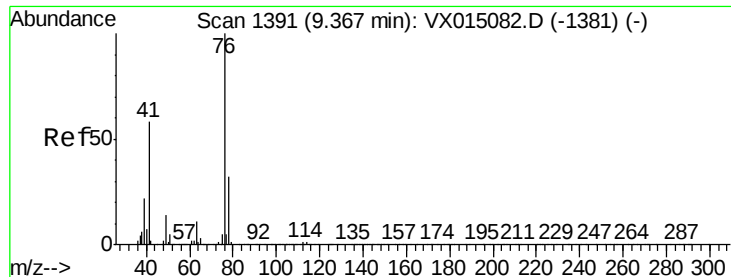


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.254 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

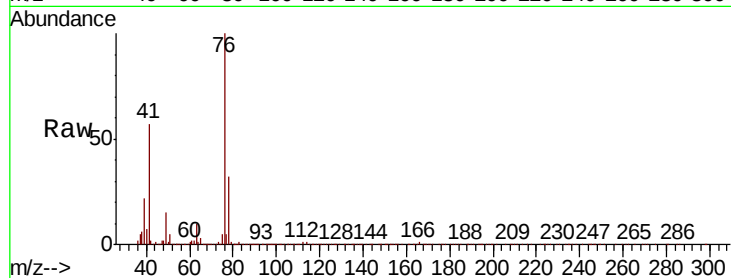
ClientSampleId :

Tot Ion: 76 Resp: 119937

Ion Ratio Lower Upper

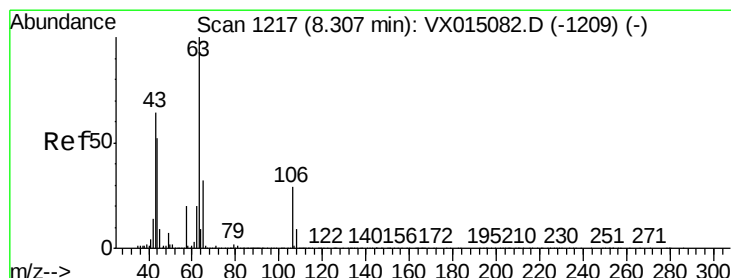
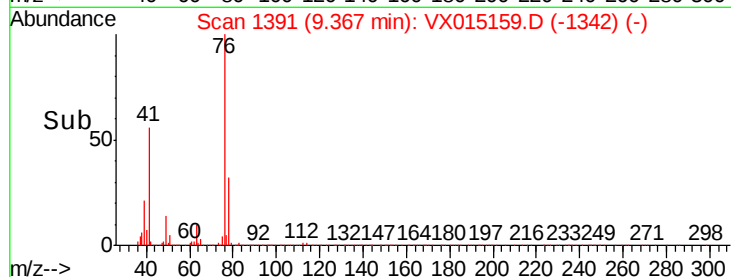
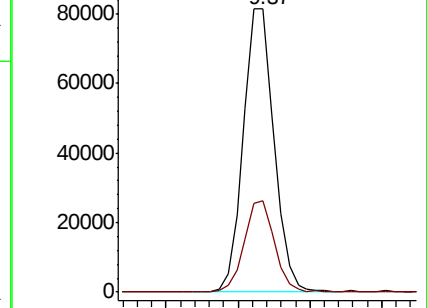
76 100

78 31.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.710 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015159.D

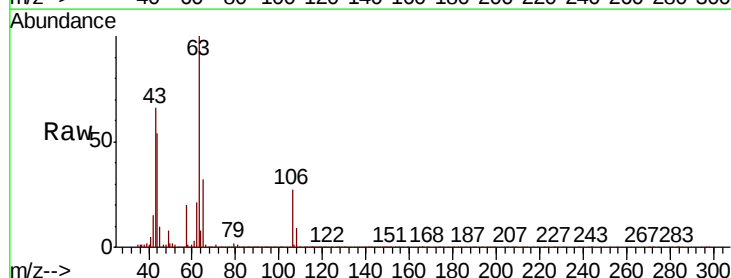
Acq: 10 Mar 2020 10:47

Tgt Ion: 63 Resp: 254668

Ion Ratio Lower Upper

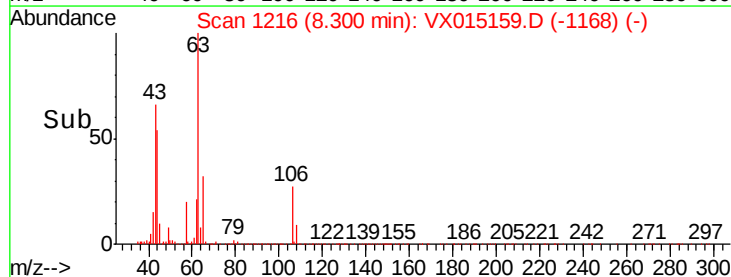
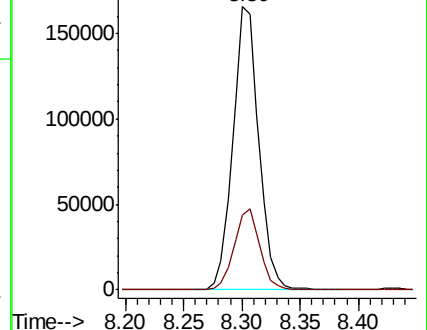
63 100

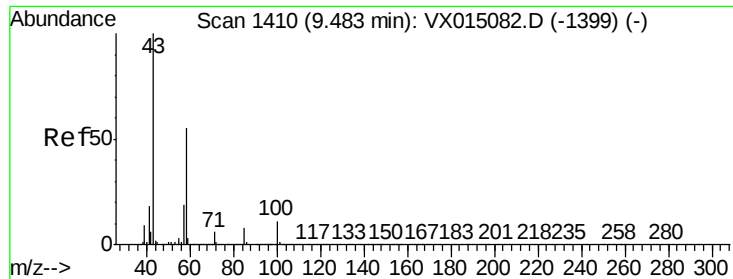
106 28.2 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

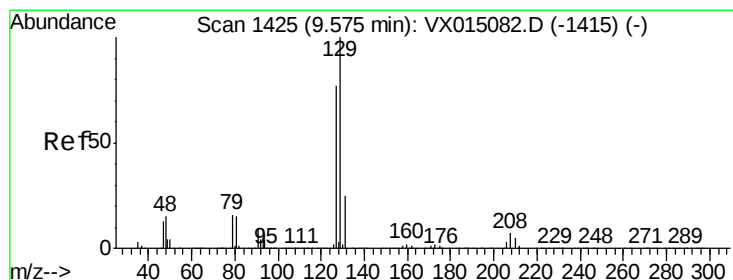
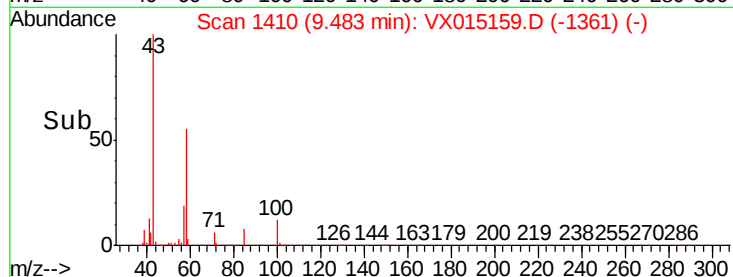
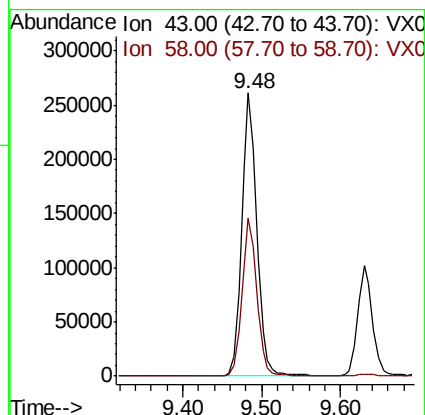
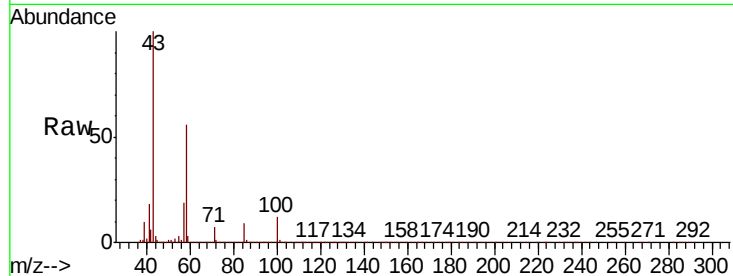




#59
2-Hexanone
Concen: 107.890 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

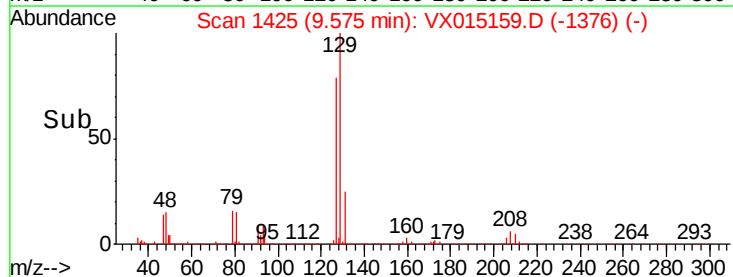
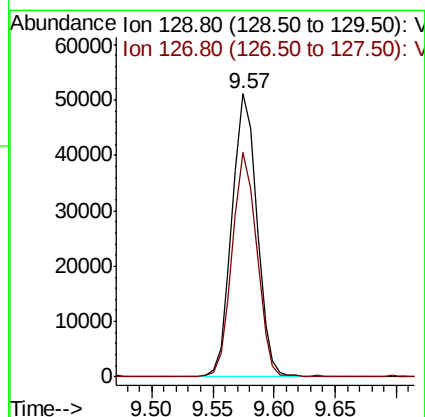
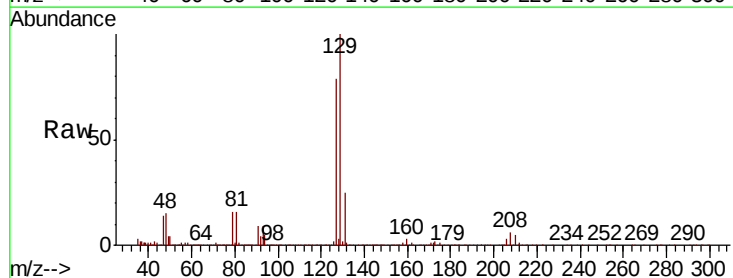
Instrument :
MSVOA_X
ClientSampleId :

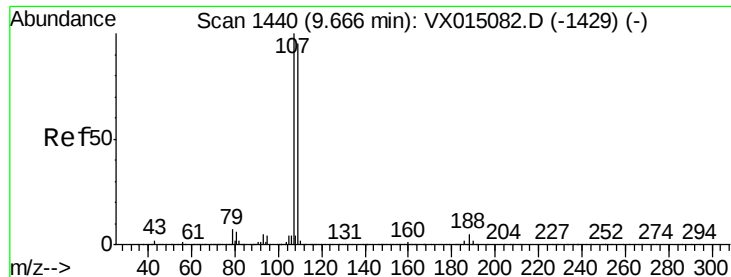
Tot Ion: 43 Resp: 346599
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 20.573 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion:129 Resp: 72486
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.214 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

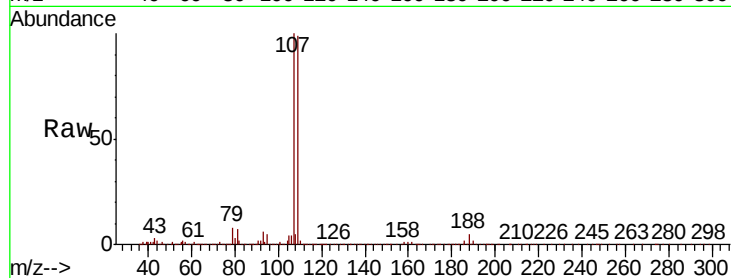
ClientSampled :

Tot Ion:107 Resp: 71214

Ion Ratio Lower Upper

107 100

109 97.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

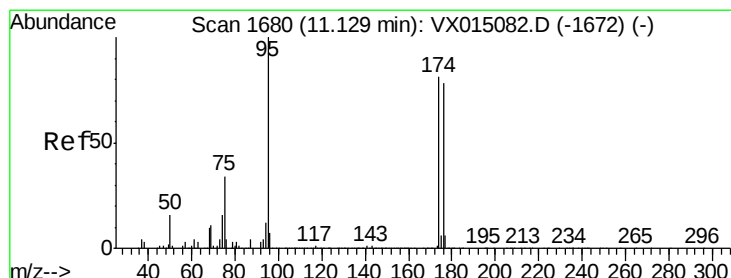
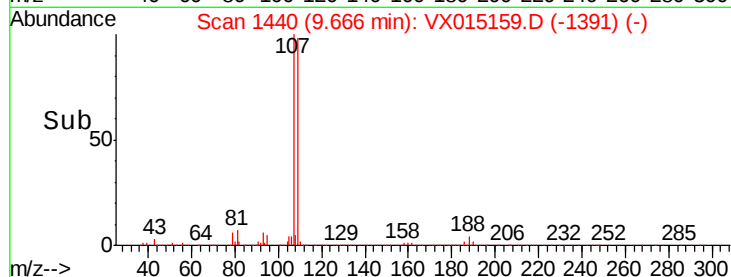
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 54.053 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

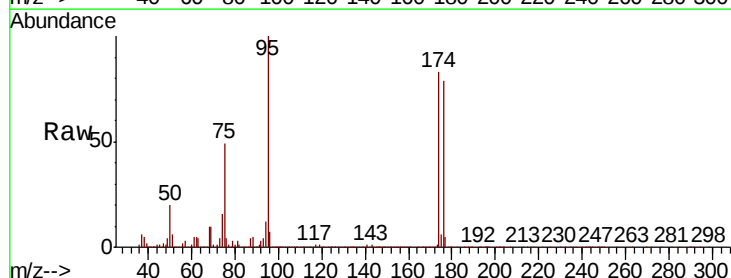
Tgt Ion: 95 Resp: 224827

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

176 85.3 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

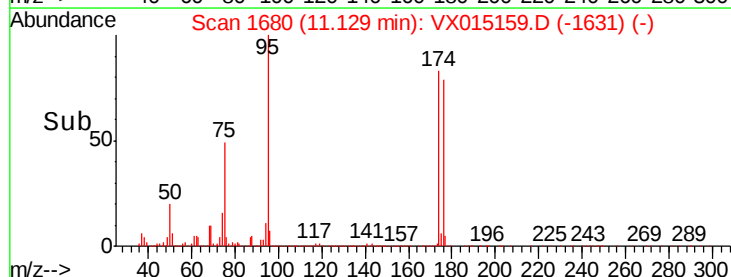
100000

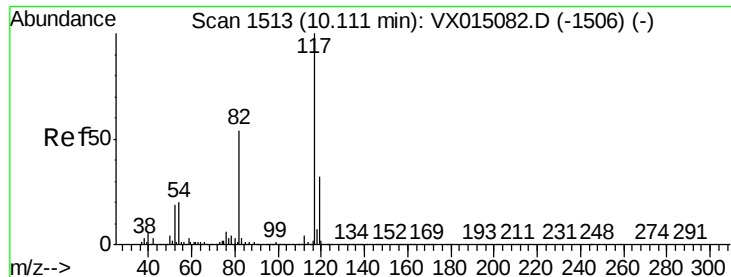
50000

0

Time-->

11.00 11.10 11.20

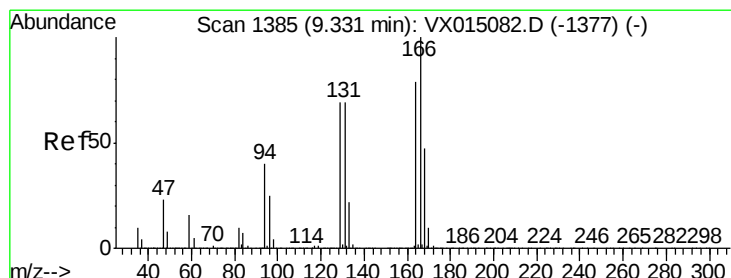
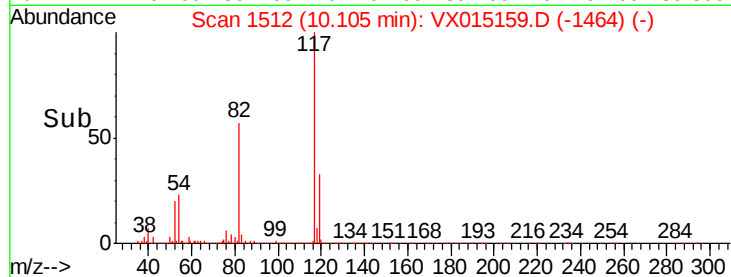
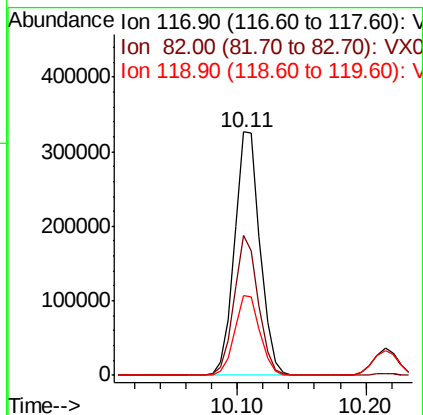
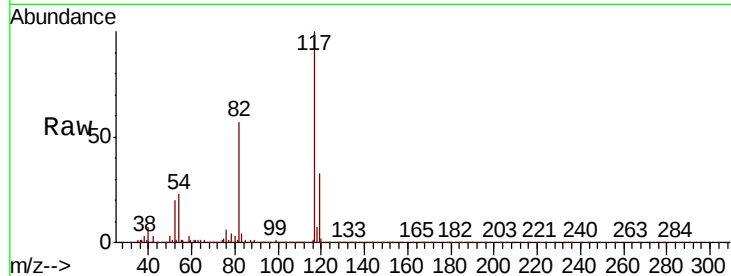




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

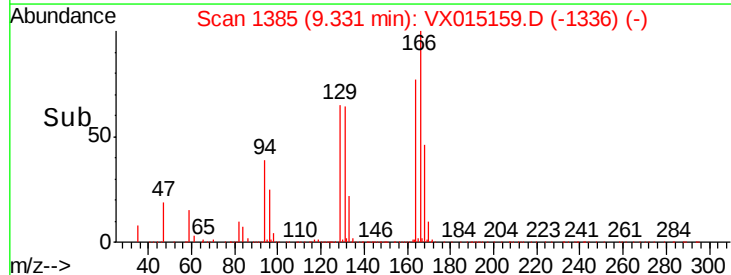
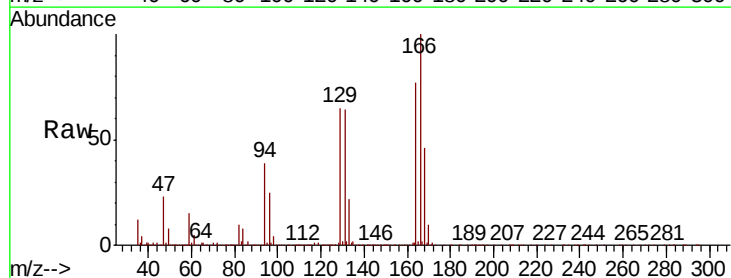
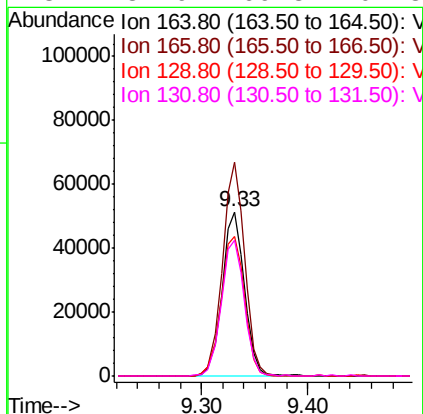
Instrument :
MSVOA_X
ClientSampleId :

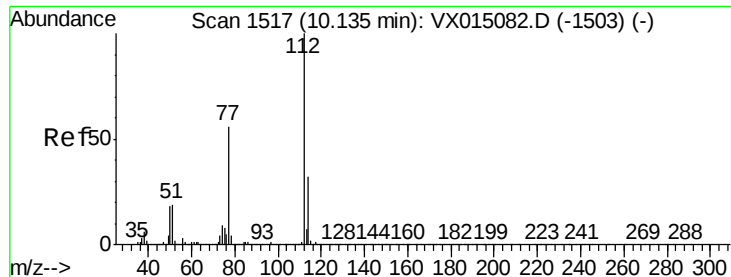
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.3	64.9
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 20.293 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.1	151.7
129	84.8	69.4	104.0
131	82.9	69.8	104.8





#65

Chlorobenzene

Concen: 20.263 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

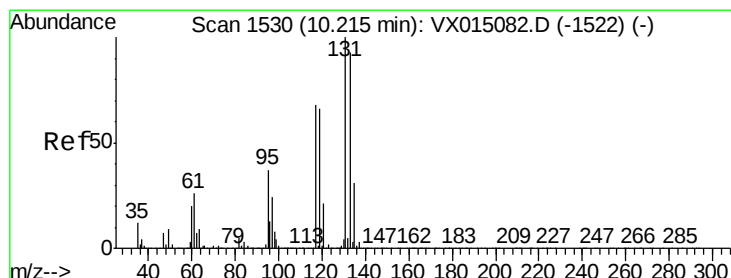
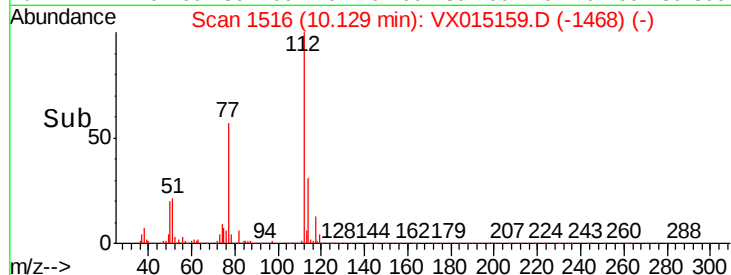
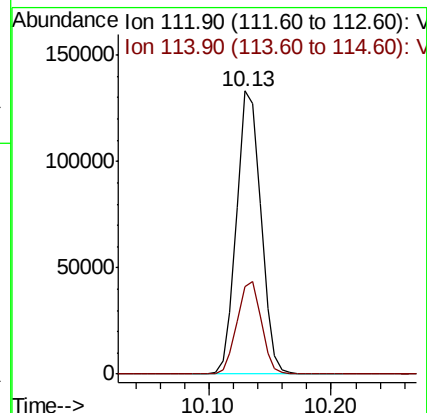
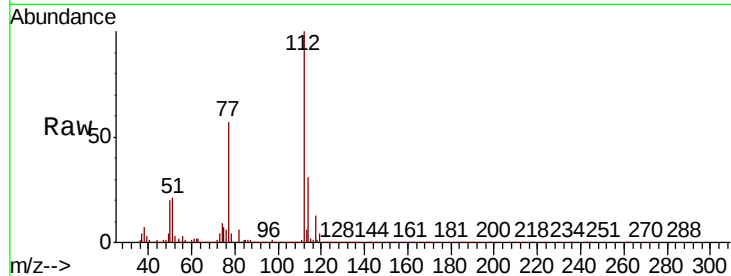
ClientSampleId :

Tot Ion:112 Resp: 182394

Ion Ratio Lower Upper

112 100

114 30.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.004 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

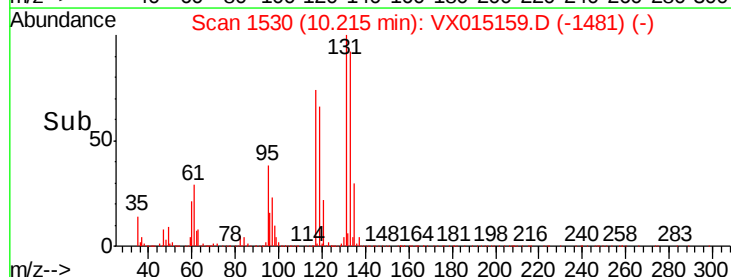
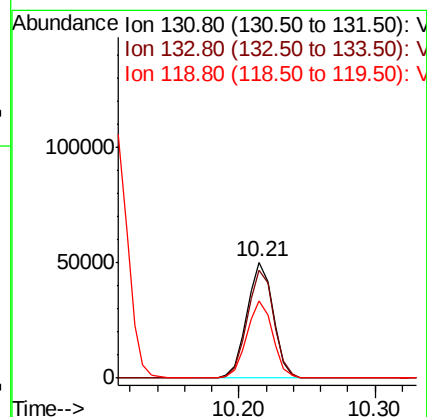
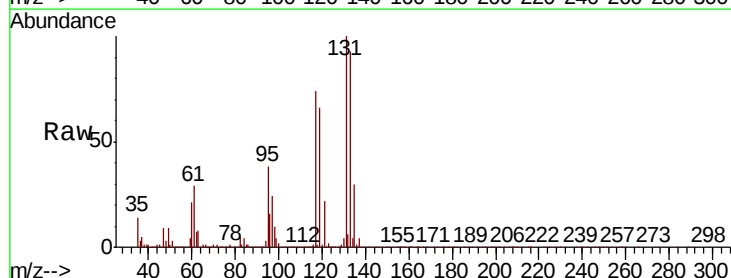
Tgt Ion:131 Resp: 67899

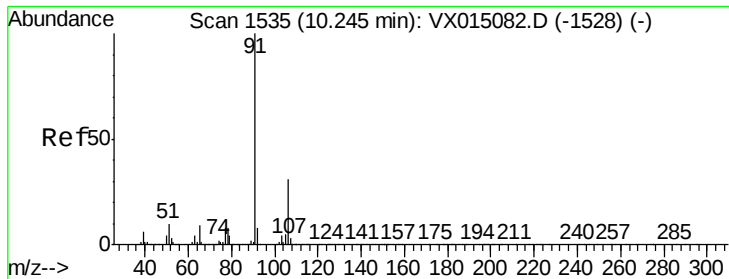
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.5

119 65.6 33.4 100.1

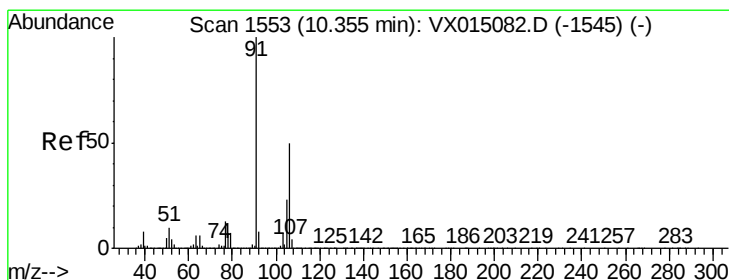
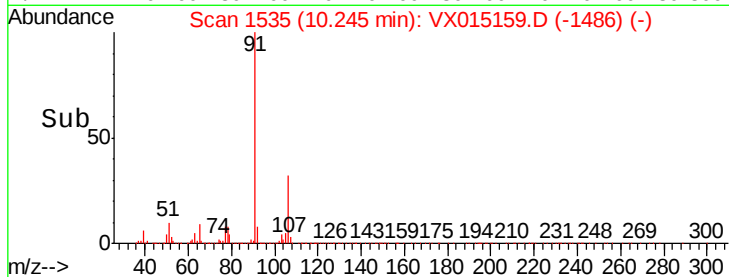
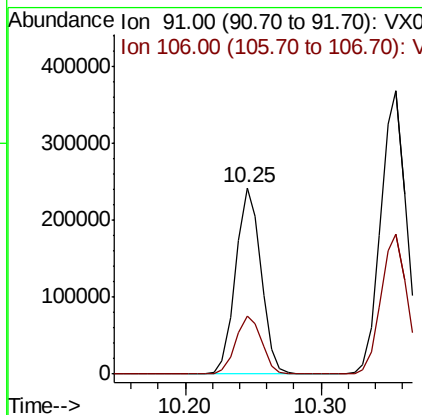
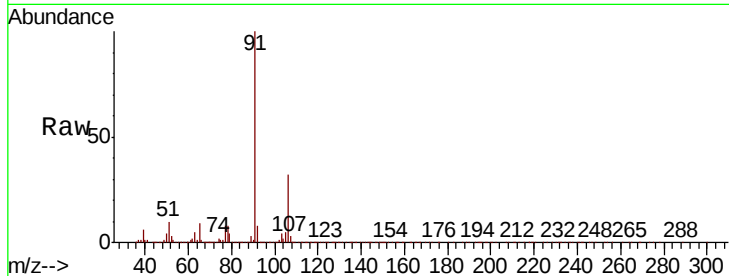




#67
Ethyl Benzene
Concen: 20.659 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

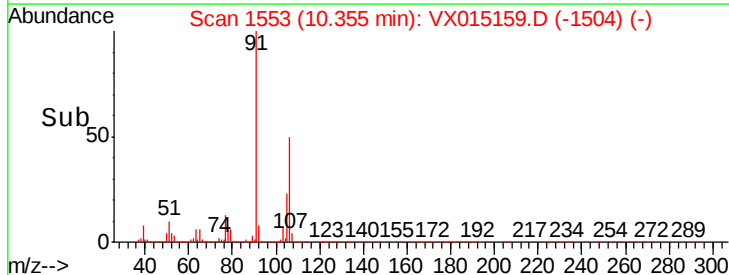
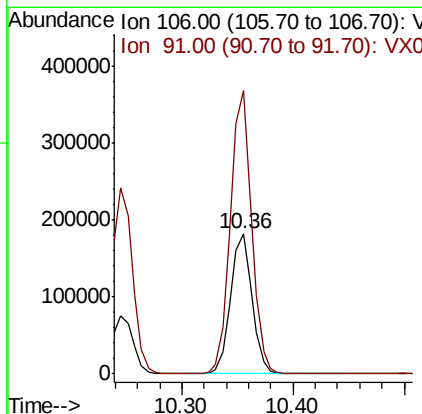
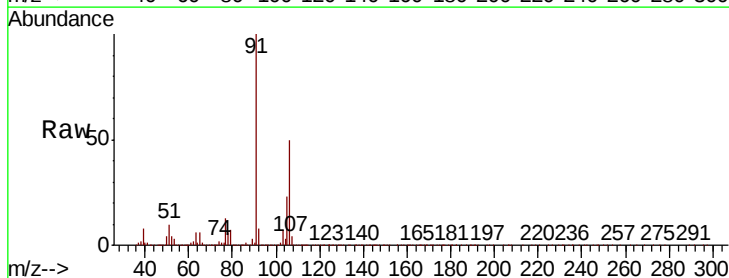
Instrument :
MSVOA_X
ClientSampled :

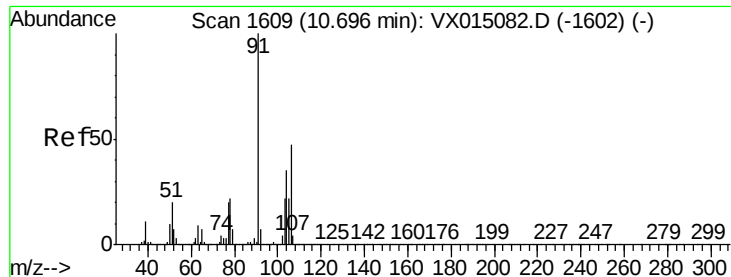
Tot Ion: 91 Resp: 315780
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 41.692 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 106 Resp: 242460
Ion Ratio Lower Upper
106 100
91 200.6 159.4 239.2

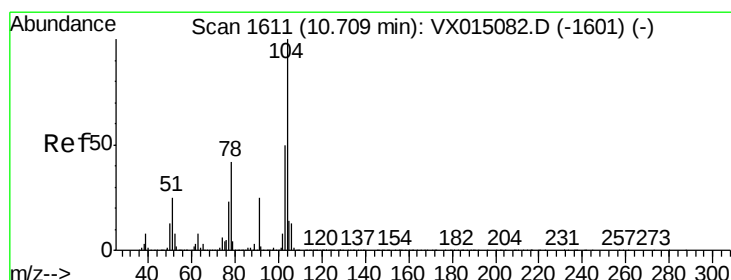
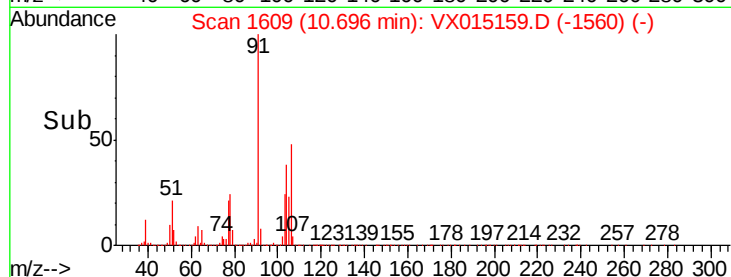
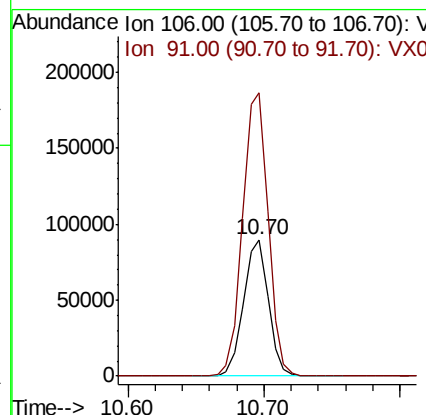
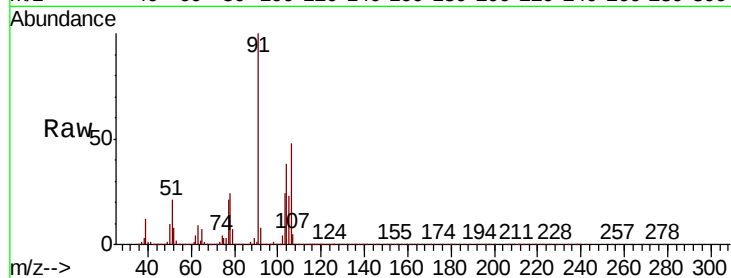




#69
o-Xylene
Concen: 20.537 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

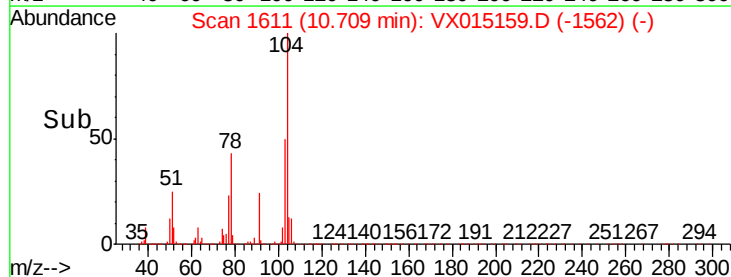
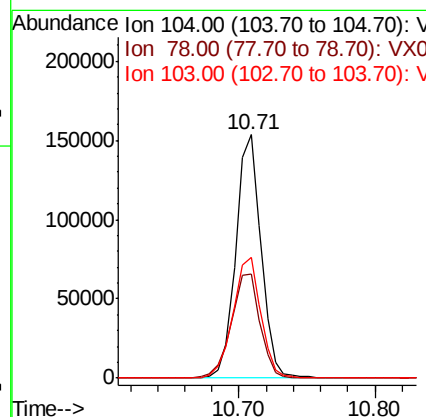
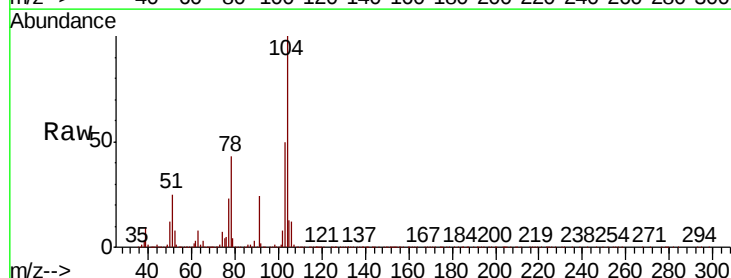
Instrument :
MSVOA_X
ClientSampleId :

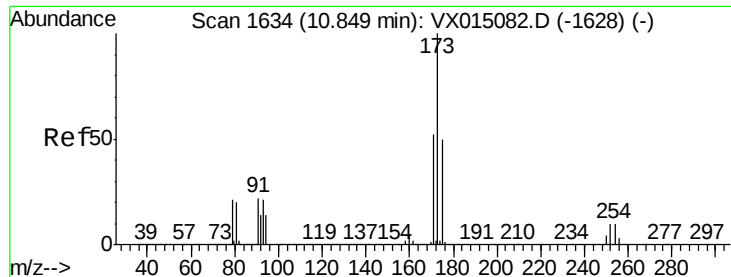
Tot Ion:106 Resp: 114347
Ion Ratio Lower Upper
106 100
91 213.0 105.4 316.1



#70
Styrene
Concen: 20.711 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion:104 Resp: 197723
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.9 43.7 65.5





#71

Bromoform

Concen: 19.499 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampled :

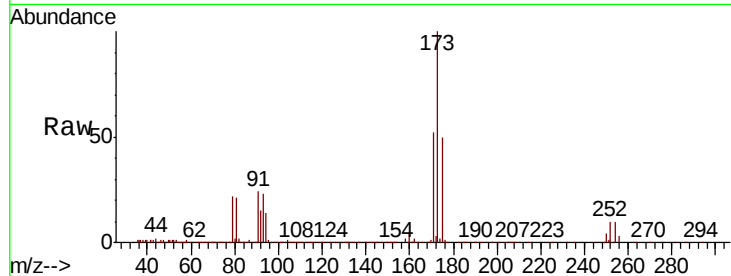
Tot Ion:173 Resp: 51323

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

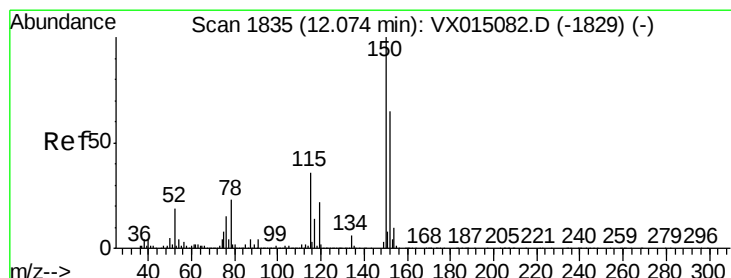
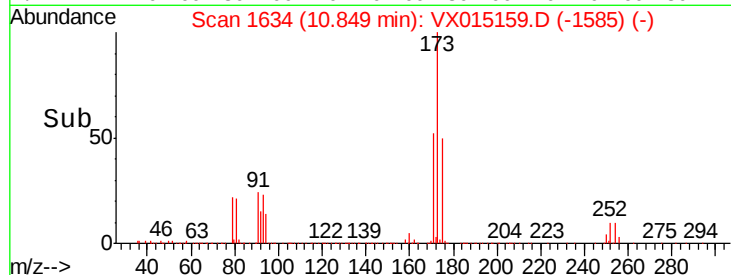
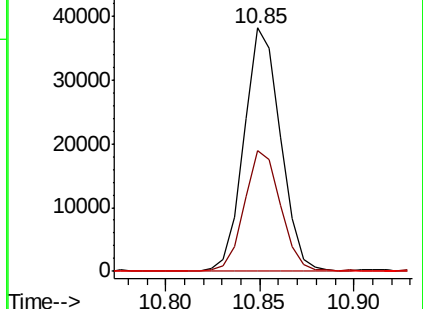
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

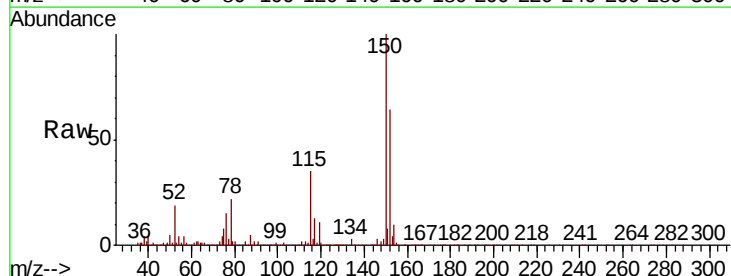
Tgt Ion:152 Resp: 237414

Ion Ratio Lower Upper

152 100

115 64.1 38.2 114.6

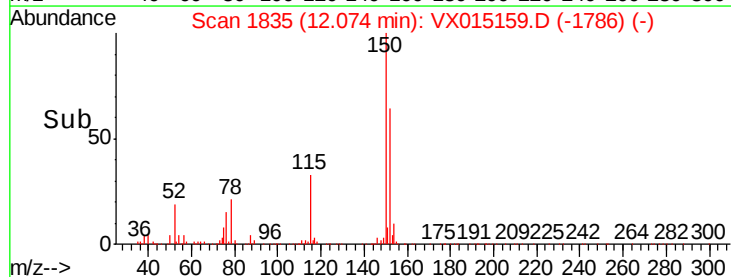
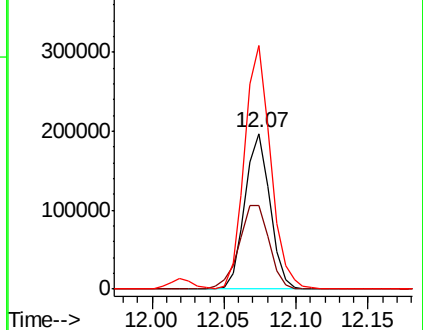
150 163.4 0.0 343.8

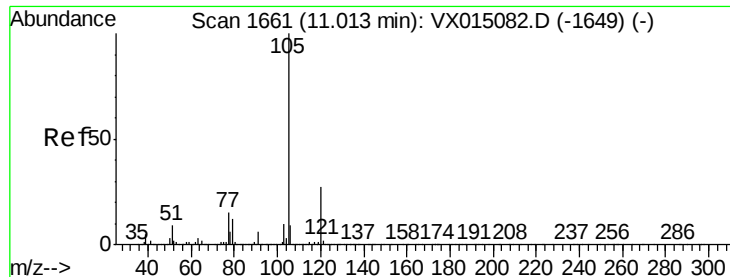


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.620 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

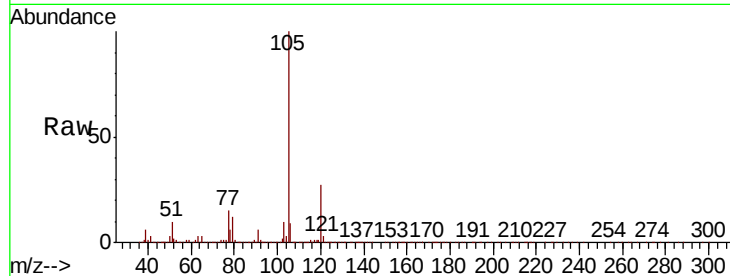
ClientSampleId :

Tot Ion:105 Resp: 312724

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

250000

200000

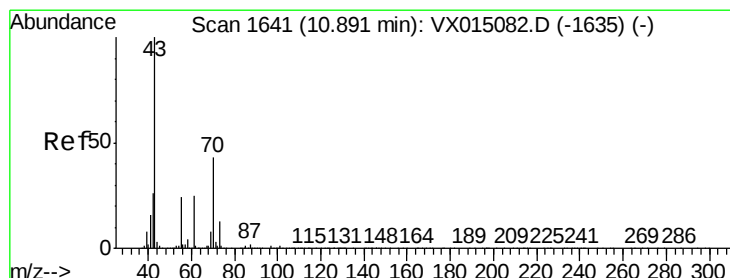
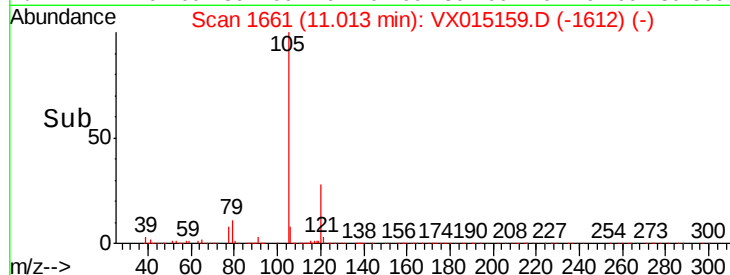
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.182 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion: 43 Resp: 128994

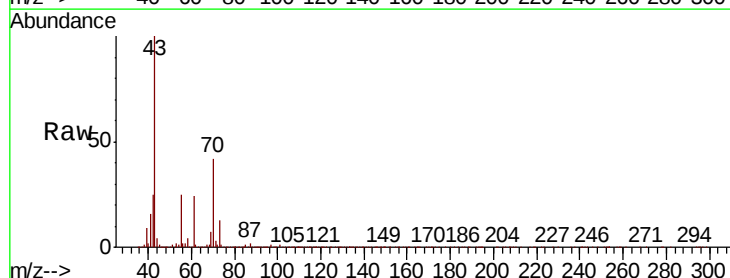
Ion Ratio Lower Upper

43 100

70 40.8 34.7 52.1

55 25.2 19.4 29.0

61 24.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

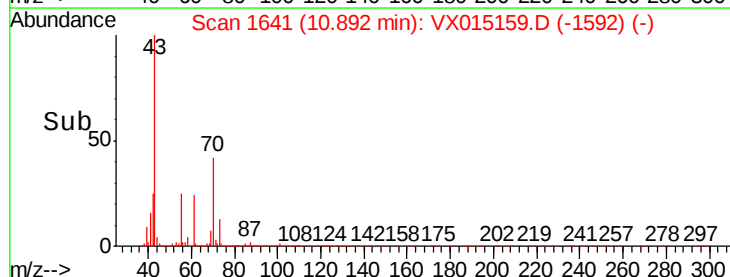
150000

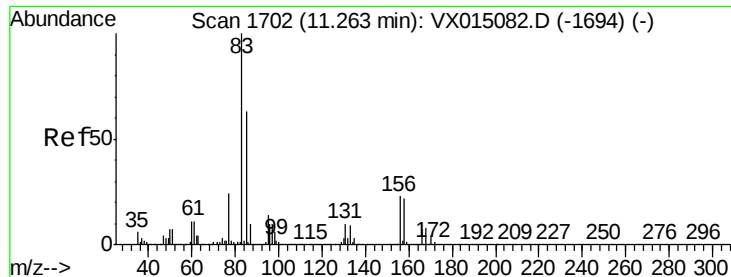
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.251 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

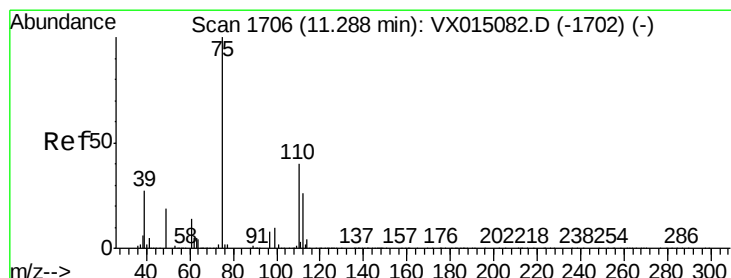
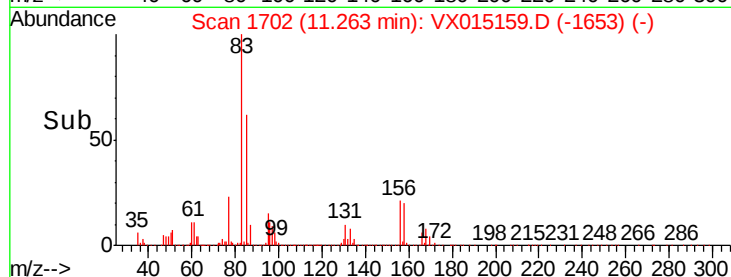
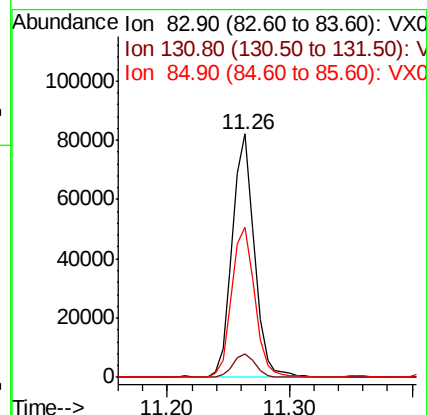
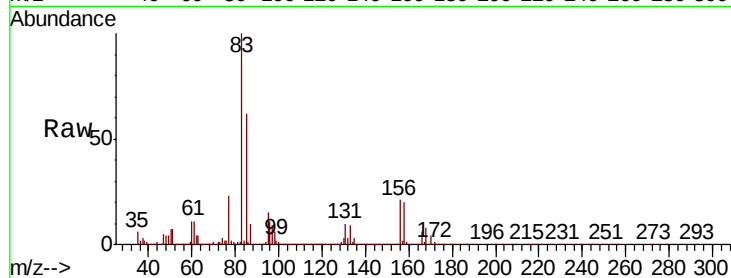
Tot Ion: 83 Resp: 102357

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 23.928 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015159.D

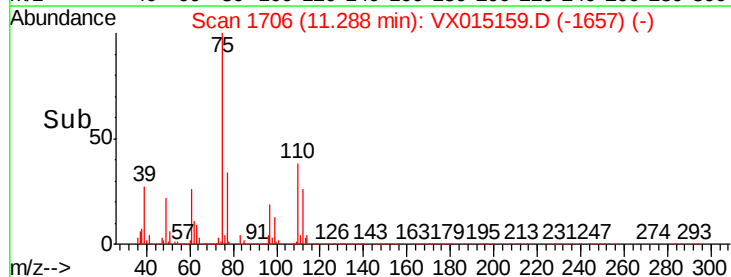
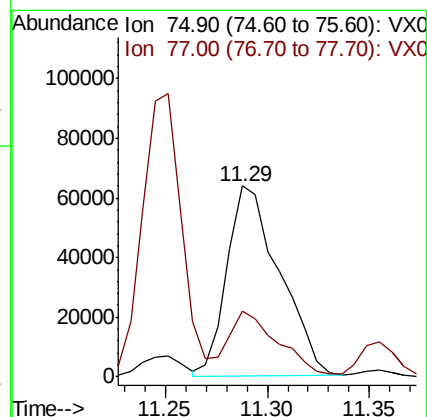
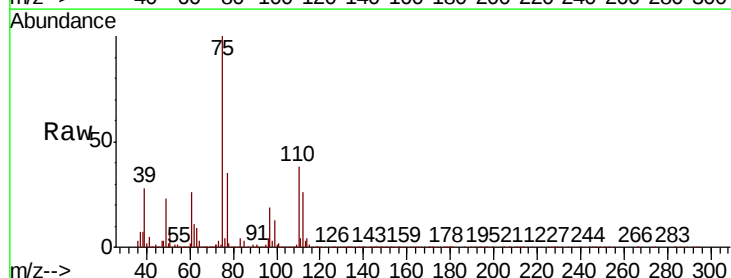
Acq: 10 Mar 2020 10:47

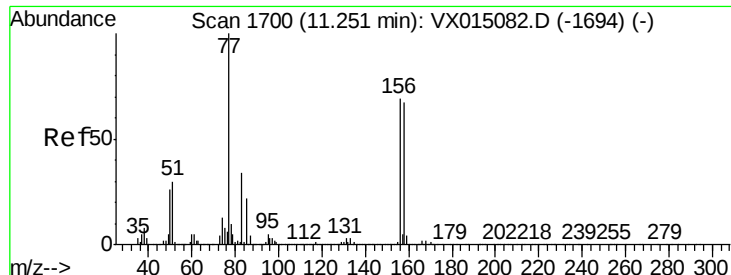
Tgt Ion: 75 Resp: 113316

Ion Ratio Lower Upper

75 100

77 33.2 22.6 67.8





#77

Bromobenzene

Concen: 19.898 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

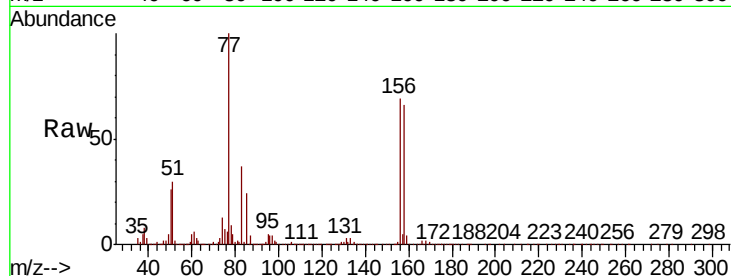
Tot Ion:156 Resp: 84100

Ion Ratio Lower Upper

156 100

77 150.1 75.3 225.9

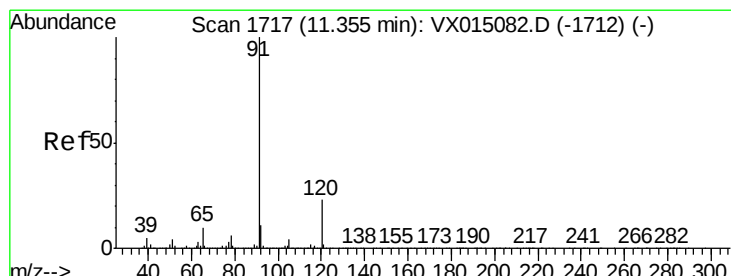
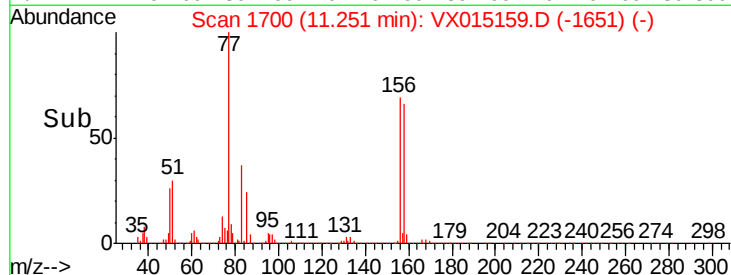
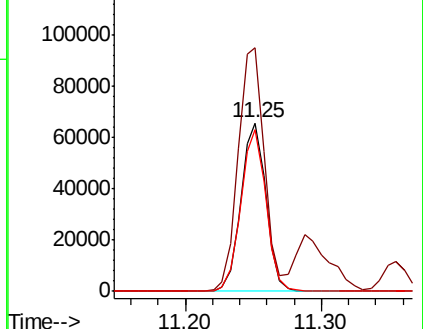
158 96.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.670 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015159.D

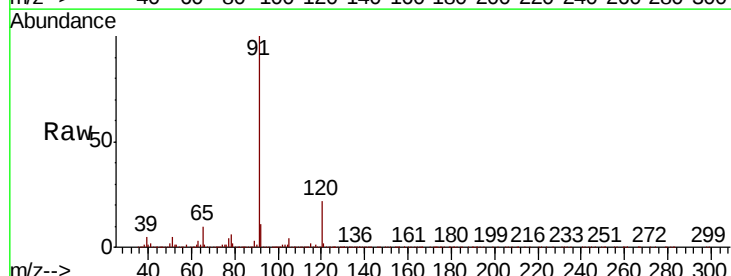
Acq: 10 Mar 2020 10:47

Tgt Ion: 91 Resp: 358149

Ion Ratio Lower Upper

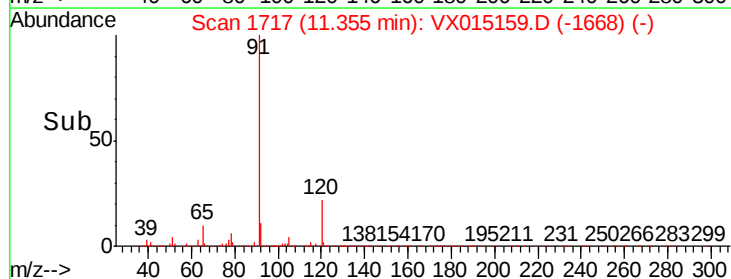
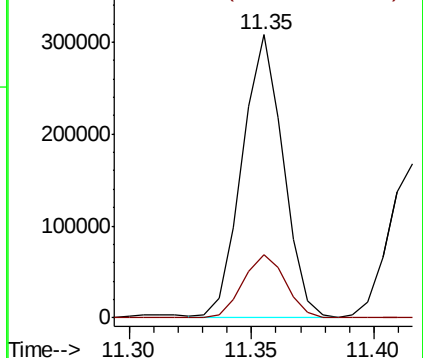
91 100

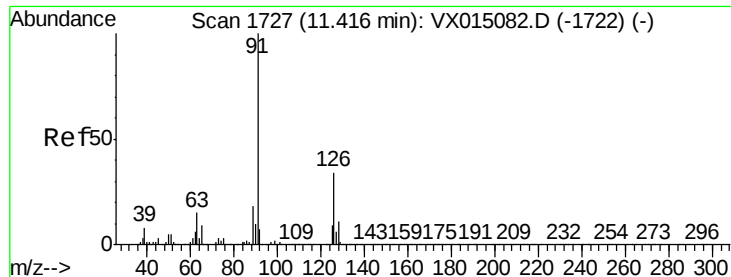
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.496 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

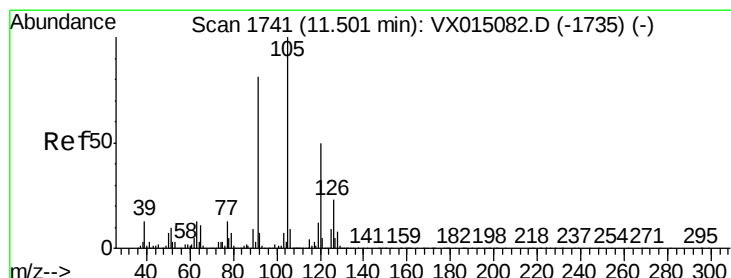
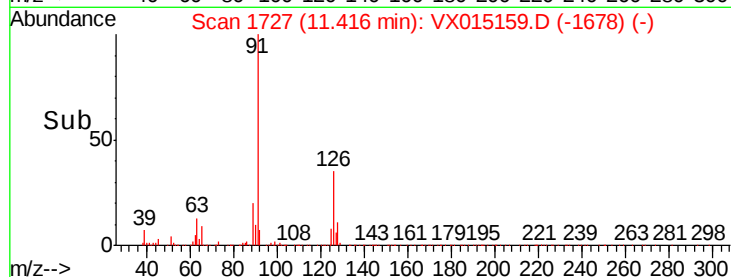
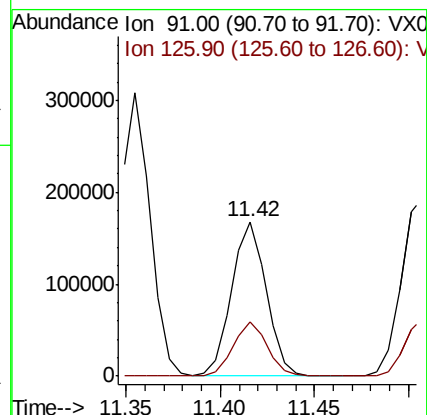
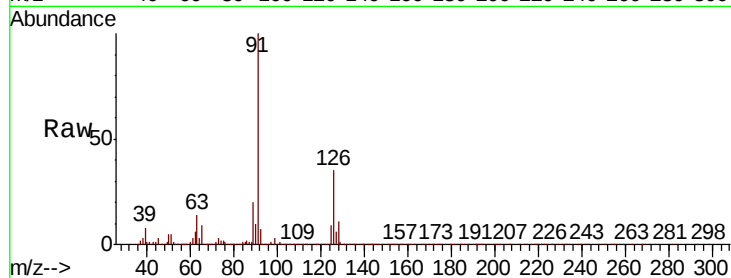
ClientSampleId :

Tot Ion: 91 Resp: 212078

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 20.890 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015159.D

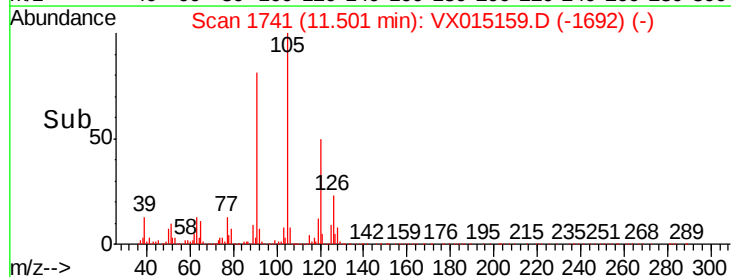
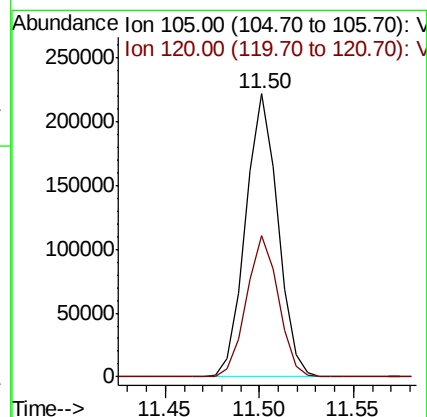
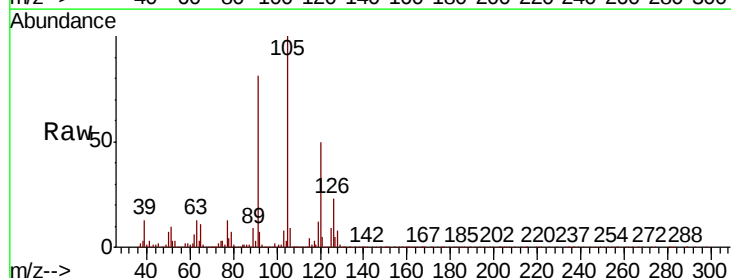
Acq: 10 Mar 2020 10:47

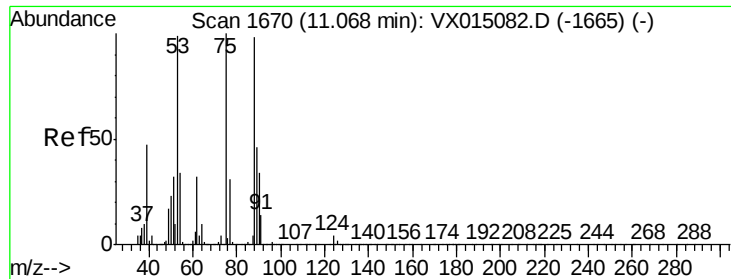
Tgt Ion: 105 Resp: 263735

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.4

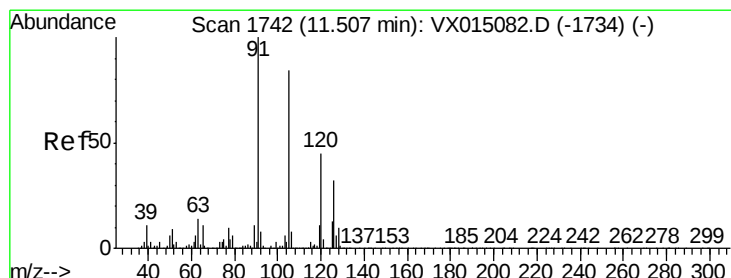
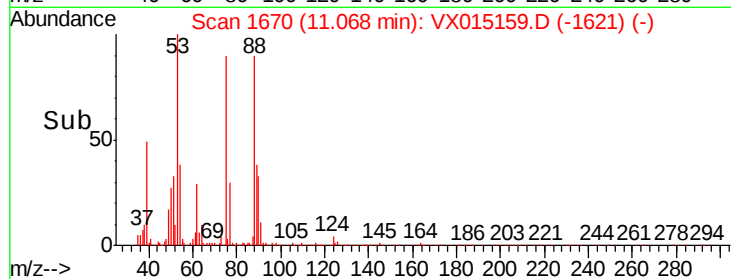
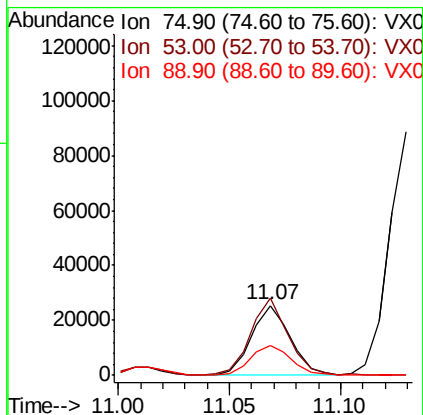
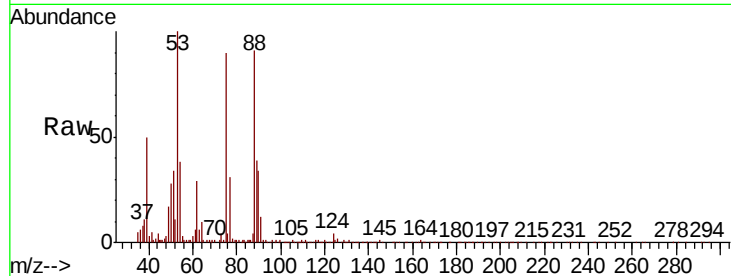




#81
trans-1,4-Dichloro-2-butene
Concen: 18.230 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

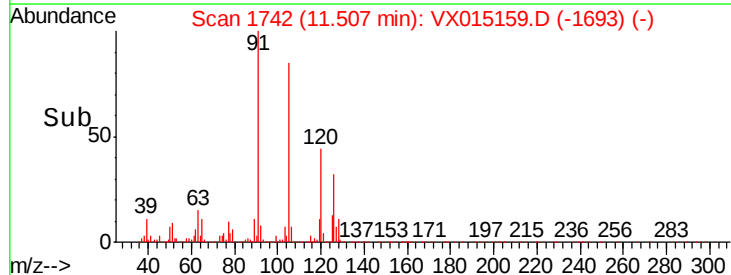
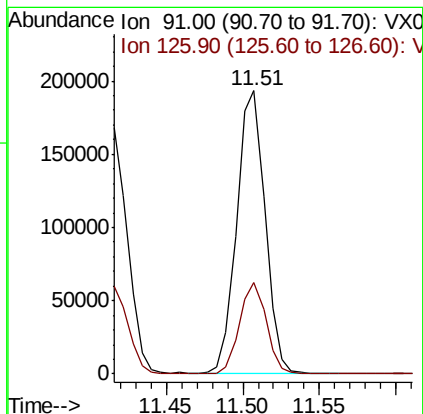
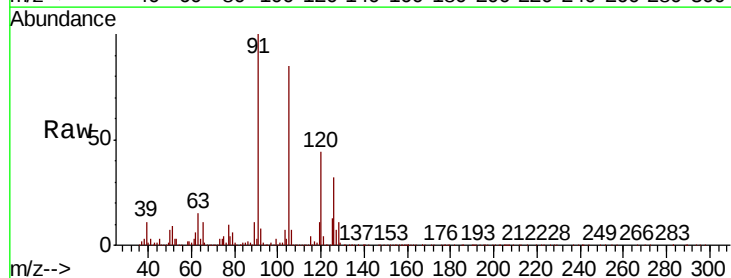
Instrument :
MSVOA_X
ClientSampleId :

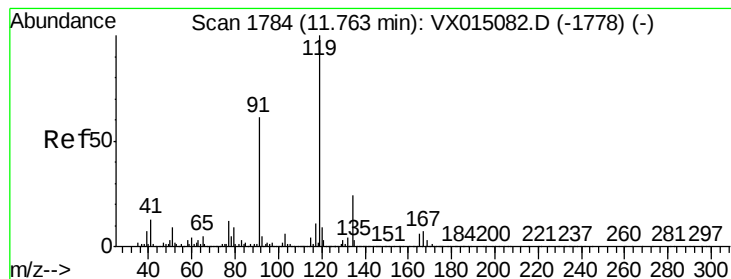
Tot Ion: 75 Resp: 30420
Ion Ratio Lower Upper
75 100
53 106.9 77.9 116.9
89 44.3 36.2 54.2



#82
4-Chlorotoluene
Concen: 20.285 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 91 Resp: 247977
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 20.207 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

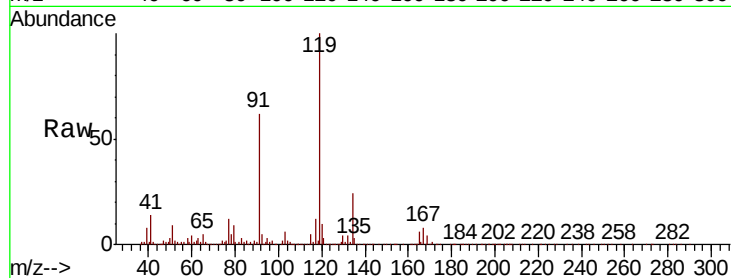
Tot Ion:119 Resp: 246681

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.6

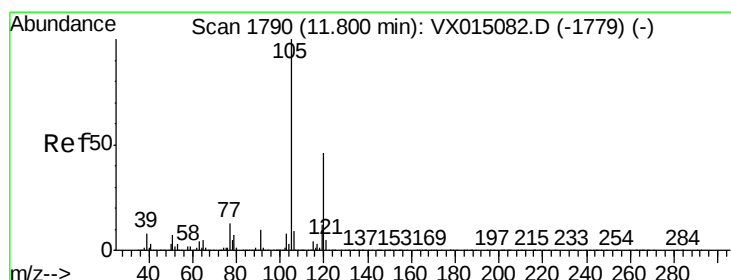
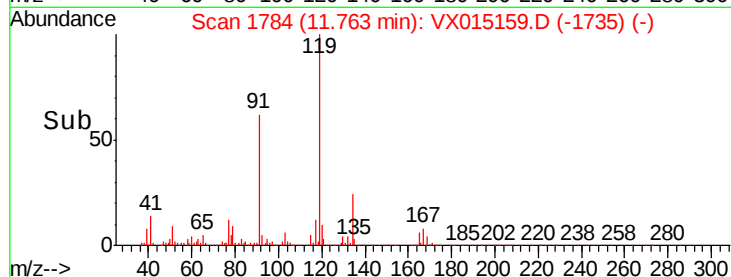
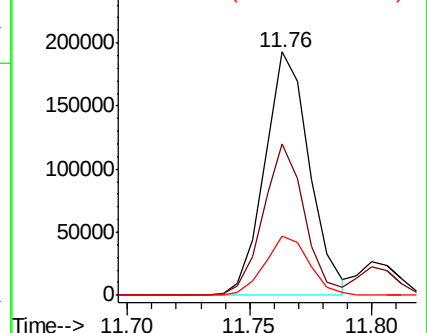
134 24.1 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.931 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015159.D

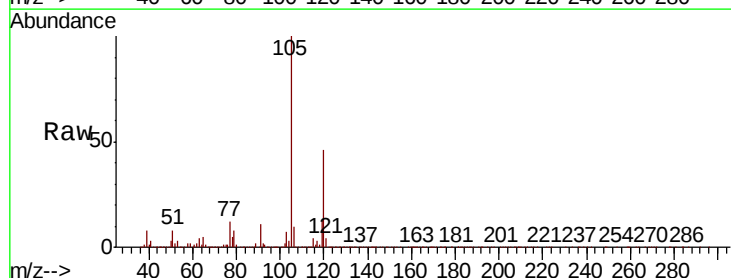
Acq: 10 Mar 2020 10:47

Tgt Ion:105 Resp: 265473

Ion Ratio Lower Upper

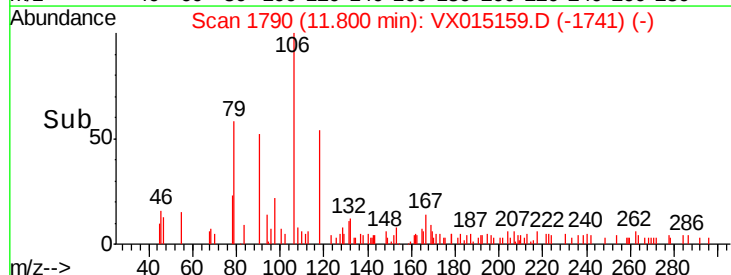
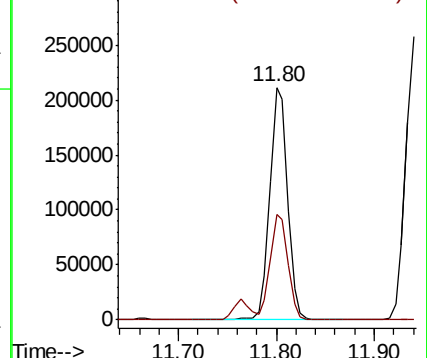
105 100

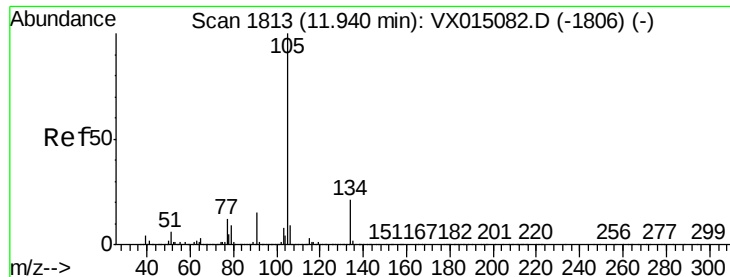
120 45.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.892 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

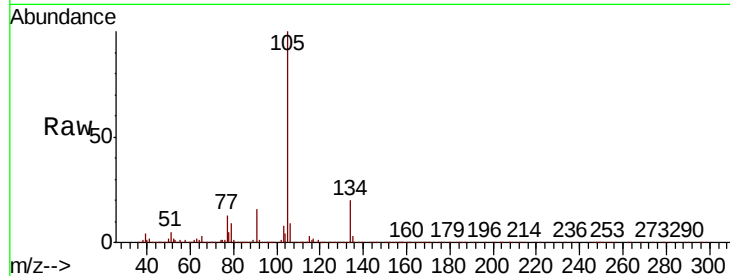
ClientSampleId :

Tot Ion:105 Resp: 307876

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

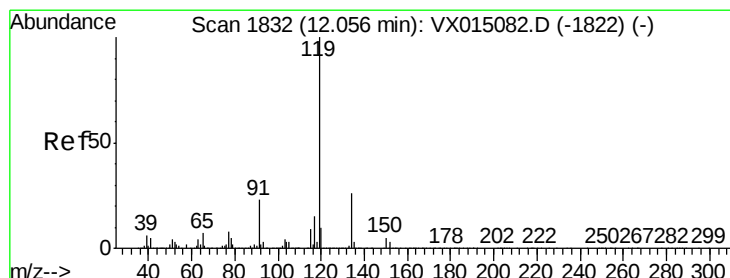
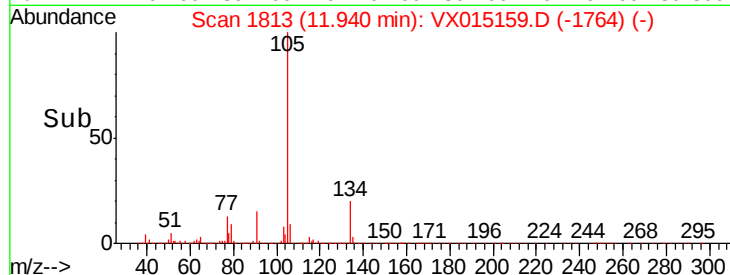
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.096 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

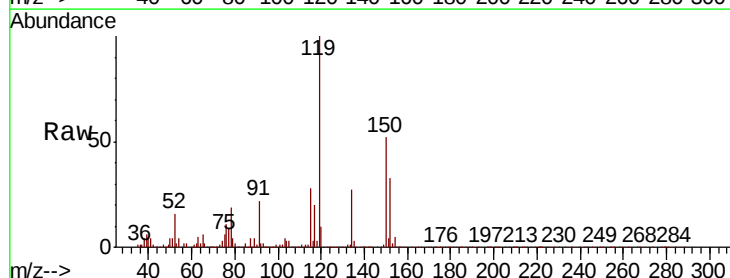
Tgt Ion:119 Resp: 286424

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.7 11.3 33.8



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

300000

250000

200000

150000

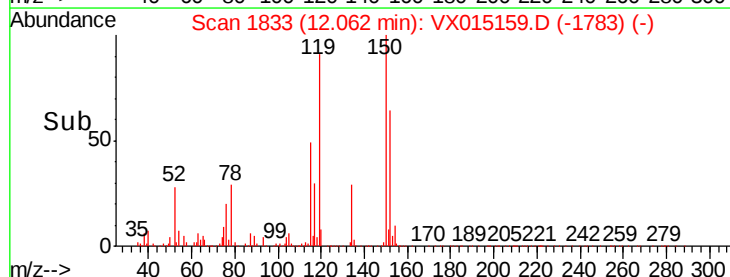
100000

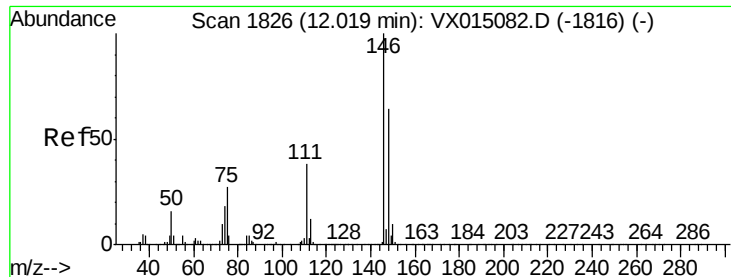
50000

0

12.00 12.10

Time-->

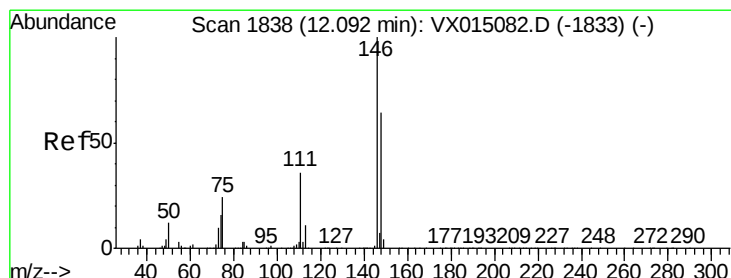
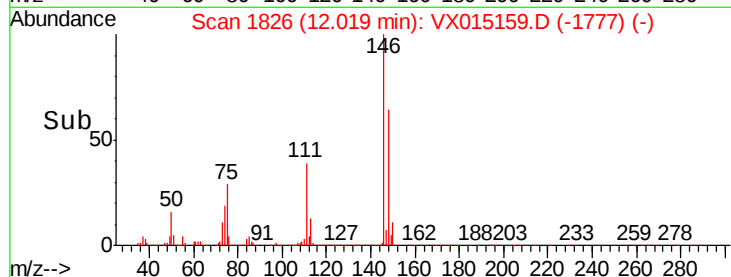
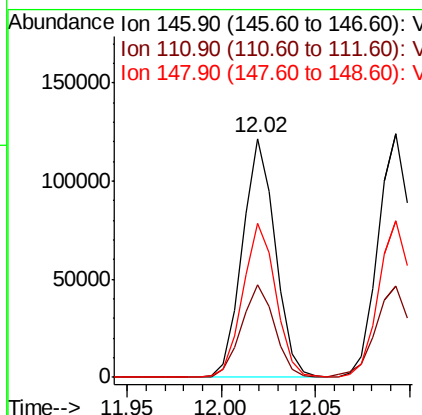
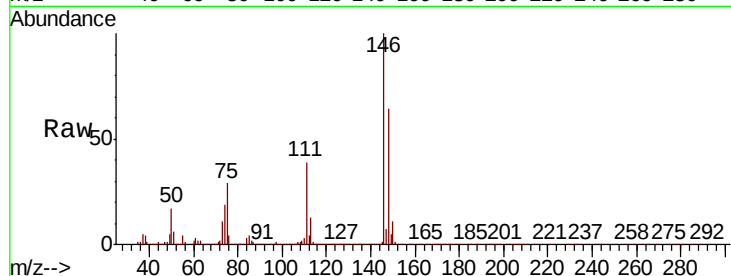




#87
 1,3-Dichlorobenzene
 Concen: 19.762 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

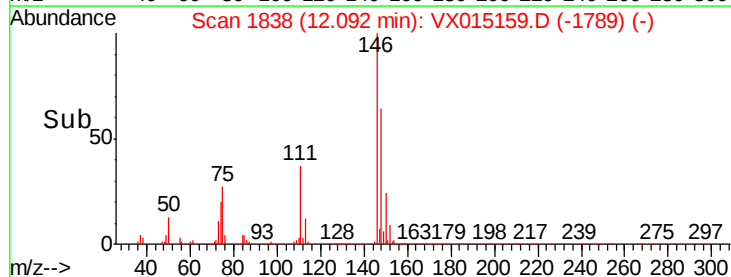
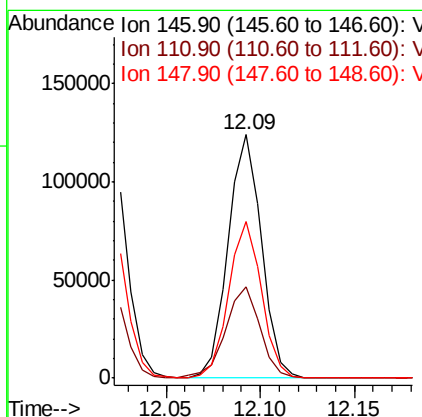
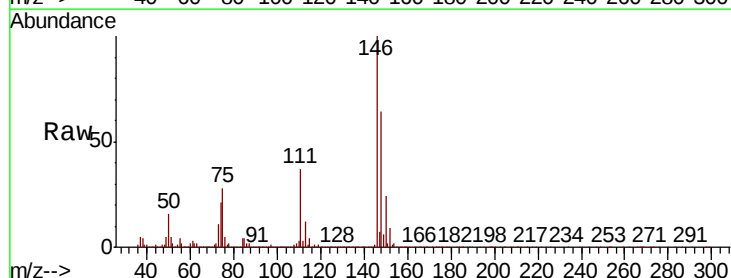
Instrument :
 MSVOA_X
 ClientSampleId :

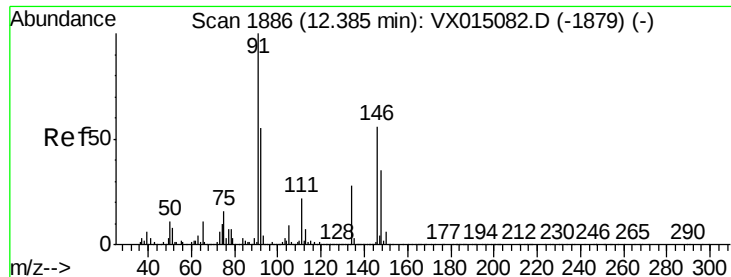
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	65.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.741 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	63.2	32.5	97.4





#89

n-Butylbenzene

Concen: 20.548 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

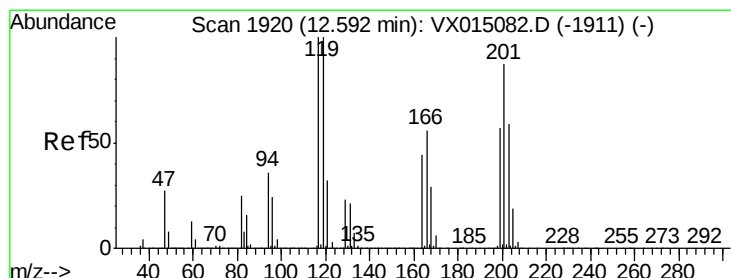
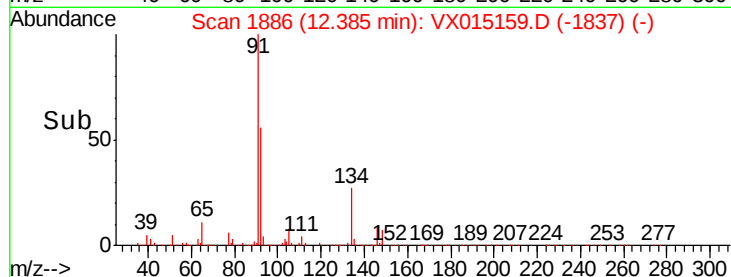
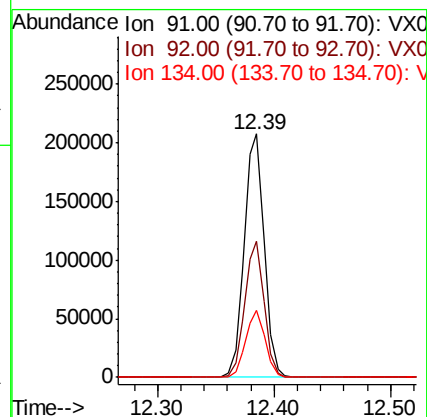
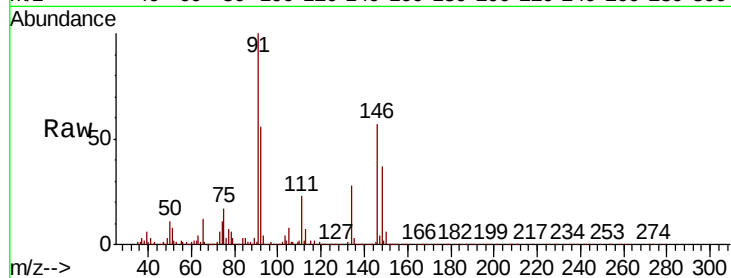
Tot Ion: 91 Resp: 248130

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 19.343 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015159.D

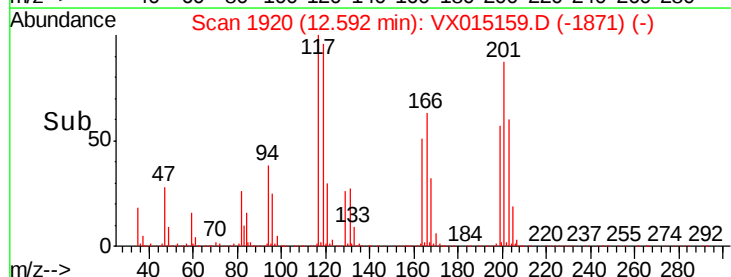
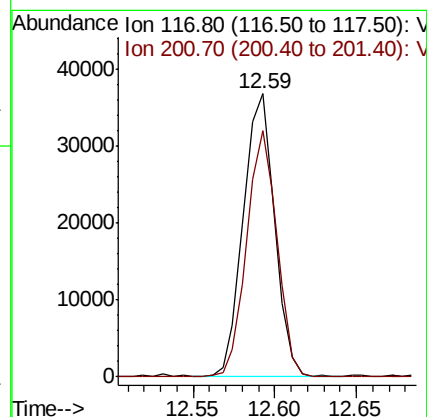
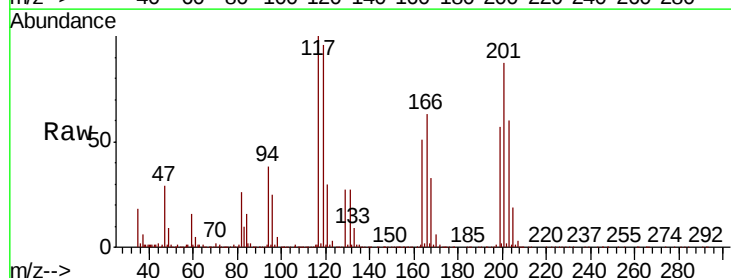
Acq: 10 Mar 2020 10:47

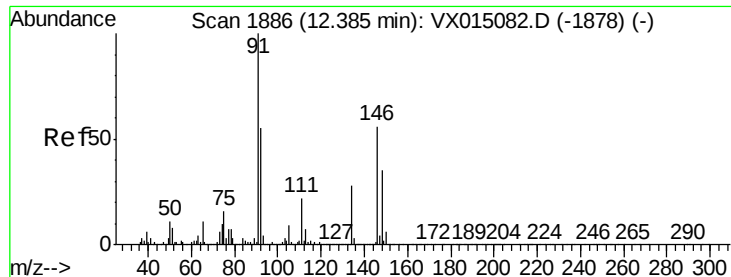
Tgt Ion: 117 Resp: 49650

Ion Ratio Lower Upper

117 100

201 84.2 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 19.869 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

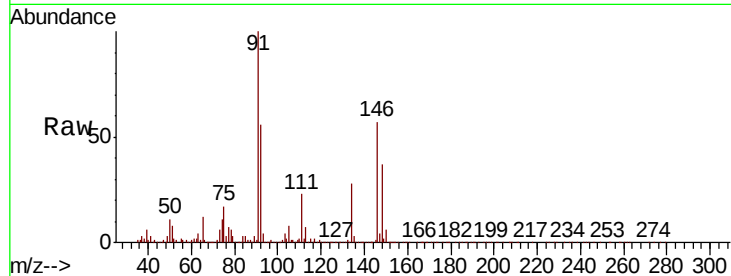
Tot Ion:146 Resp: 146779

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

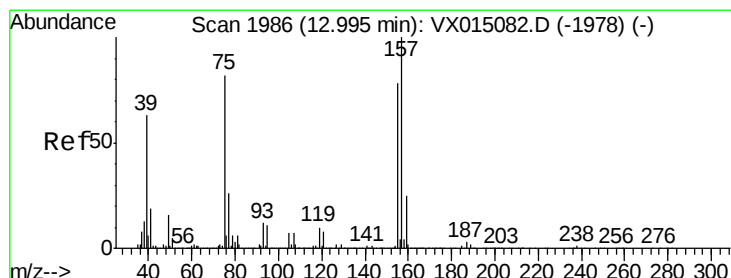
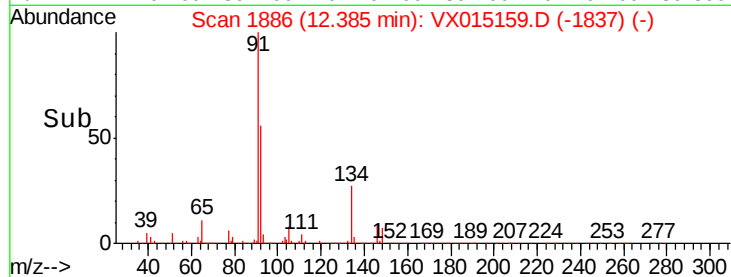
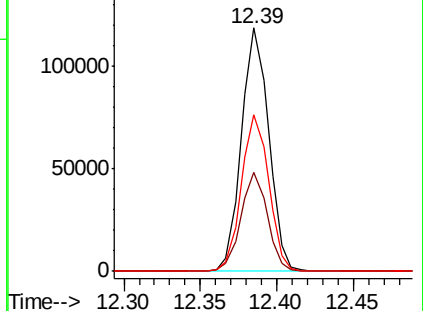
148 64.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.543 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

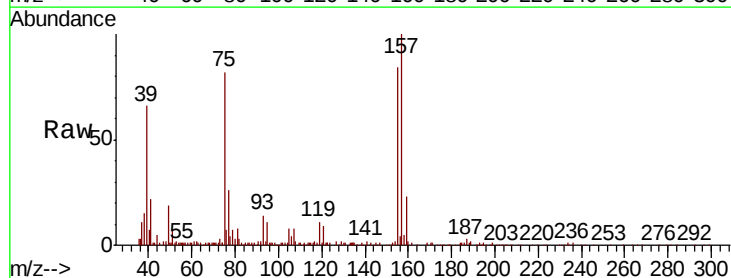
Tgt Ion: 75 Resp: 20792

Ion Ratio Lower Upper

75 100

155 92.5 46.6 139.7

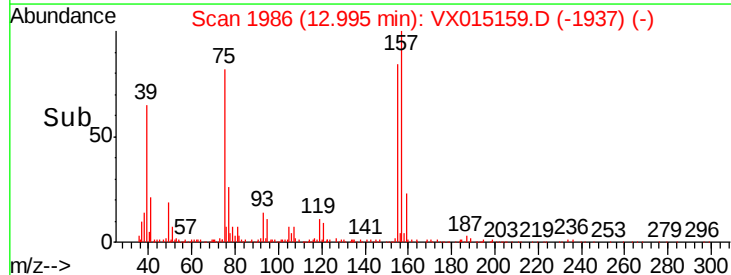
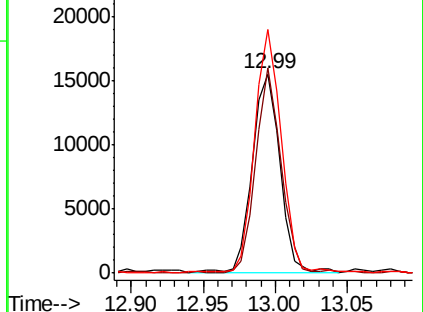
157 115.0 59.2 177.5

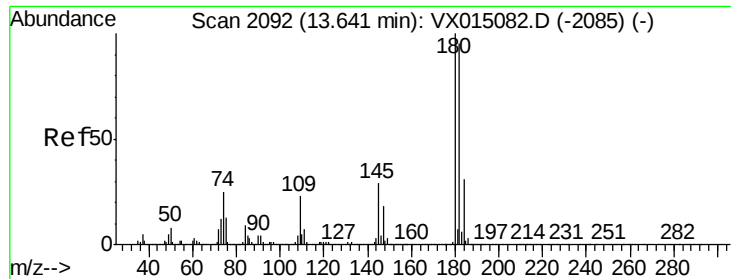


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

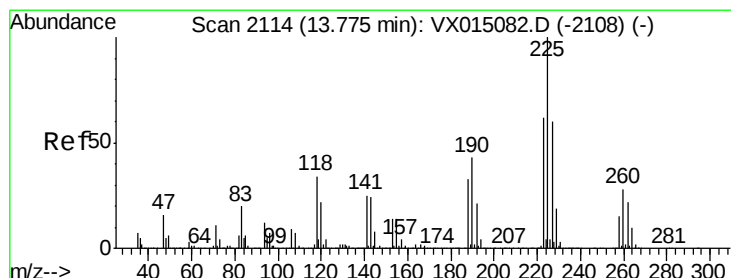
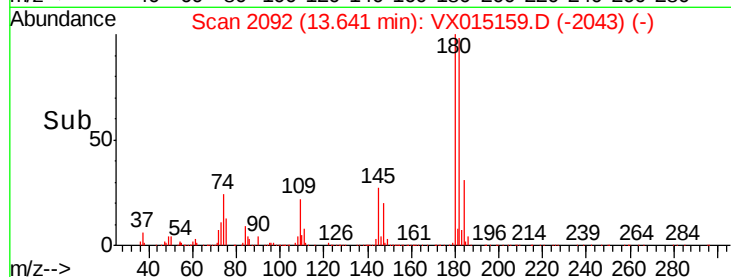
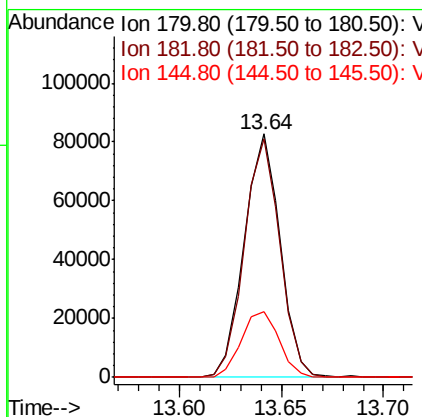
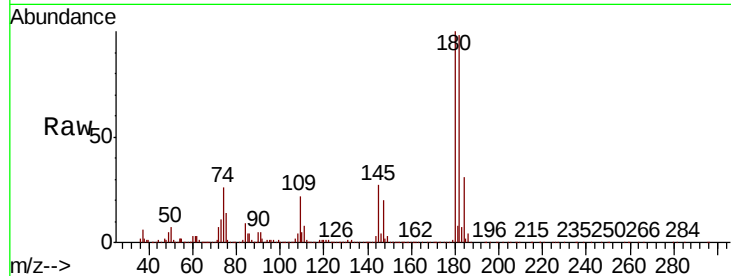




#93
 1,2,4-Trichlorobenzene
 Concen: 19.759 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

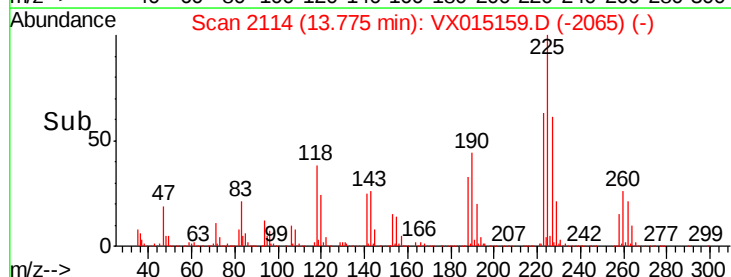
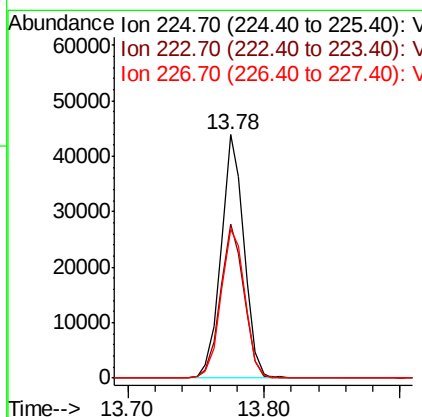
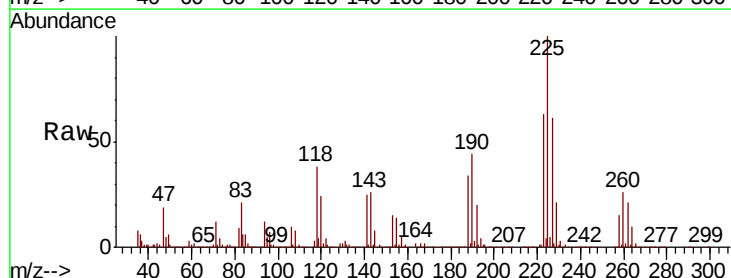
Instrument :
 MSVOA_X
 ClientSampleId :

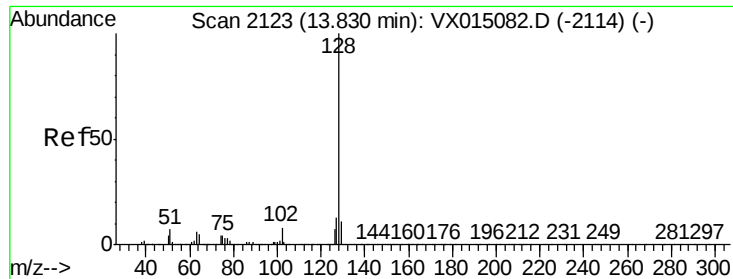
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.6	142.8
145	28.6	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.523 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.3	93.9
227	63.8	31.1	93.2

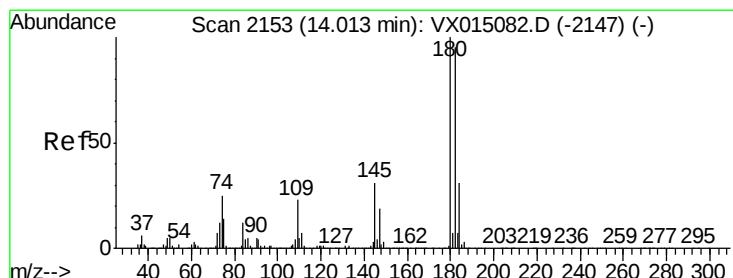
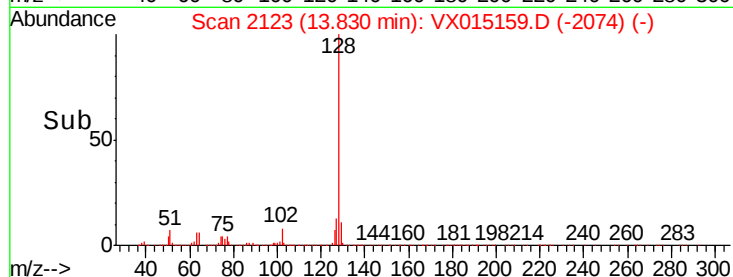
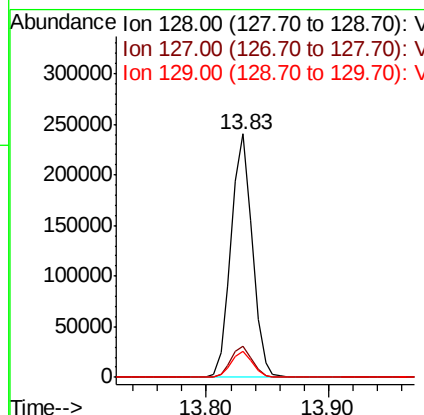
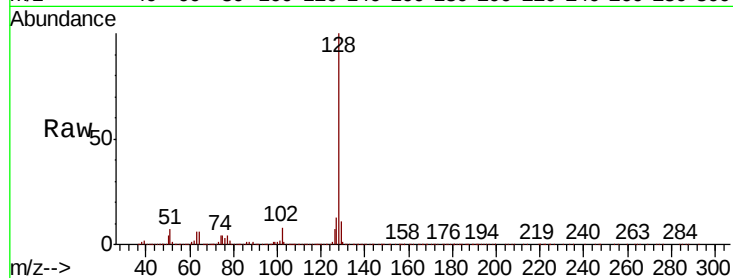




#95
Naphthalene
Concen: 19.183 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 287301
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.260 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion:180 Resp: 103653
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.4
145 30.0 15.1 45.3

