

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015129.D
 Acq On : 06 Mar 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 06 23:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	63092	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.84	114	330016	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	306533	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	130181	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	11.13	95	142446	29.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.47%
63) Toluene-d8	8.71	98	403948	30.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	47217	16.759	ug/l 95
3) Chloromethane	1.32	50	72881	20.006	ug/l 96
4) Vinyl Chloride	1.40	62	75124	19.161	ug/l 98
5) Bromomethane	1.64	94	46012	16.758	ug/l 97
6) Chloroethane	1.72	64	47886	18.233	ug/l 100
7) Trichlorofluoromethane	1.92	101	96069	16.836	ug/l 97
8) Diethyl Ether	2.18	74	45847	19.099	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63009	19.099	ug/l 99
10) 1,1-Dichloroethene	2.37	96	60818	18.337	ug/l 96
11) Methyl Iodide	2.50	142	52081	12.923	ug/l 98
12) Methyl Acetate	2.76	43	76766	18.600	ug/l 95
13) Acrolein	2.28	56	81686	99.518	ug/l 98
14) Acrylonitrile	3.12	53	171775	92.160	ug/l 99
15) Acetone	2.43	58	43518	65.241	ug/l 92
16) Carbon Disulfide	2.56	76	148716	16.677	ug/l 98
17) Allyl chloride	2.72	41	108515	18.809	ug/l 99
18) Methylene Chloride	2.84	84	71967	18.833	ug/l 95
19) trans-1,2-Dichloroethene	3.16	96	66218	18.177	ug/l 99
20) Diisopropyl ether	3.84	45	226860	19.254	ug/l 98
21) 1,1-Dichloroethane	3.69	63	122240	18.926	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	77066	18.487	ug/l 99
23) tert-Butyl Alcohol	3.01	59	61269	82.925	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	202984	18.395	ug/l 99
25) Chloroform	5.19	83	125812	19.316	ug/l 93
26) Cyclohexane	5.56	56	105168	18.218	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	88992	19.065	ug/l 99
30) 2-Butanone	4.65	43	228506	84.810	ug/l 99
31) 2,2-Dichloropropane	4.57	77	100392	19.586	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	103106	19.451	ug/l 97
33) Carbon Tetrachloride	5.77	117	88049	18.975	ug/l 97
34) Benzene	6.13	78	278247	19.755	ug/l 97
35) Methacrylonitrile	5.02	41	51097	18.591	ug/l 96
36) 1,2-Dichloroethane	6.18	62	100024	20.062	ug/l 99
37) Trichloroethene	7.20	130	76239	19.278	ug/l 97
38) Methylcyclohexane	7.45	83	108000	18.666	ug/l 98
39) 1,2-Dichloropropane	7.50	63	71870	19.823	ug/l 98
40) Dibromomethane	7.65	93	47592	19.659	ug/l 99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	94908	19.846	ug/l	99
42) Vinyl Acetate	3.80	43	933317	98.415	ug/l	99
44) Isopropyl Acetate	6.43	43	153481	18.728	ug/l	100
45) 1,4-Dioxane	7.72	88	30173	398.450	ug/l	98
46) Methyl methacrylate	7.76	41	74180	18.296	ug/l	96
47) n-amyl Acetate	10.89	43	129683	18.266	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	99376	18.730	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	111577	19.101	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	71675	19.872	ug/l	97
51) Ethyl methacrylate	9.17	69	100387	18.033	ug/l	98
52) 1,3-Dichloropropane	9.36	76	121440	19.903	ug/l	99
53) Dibromochloromethane	9.57	129	73497	18.847	ug/l	99
54) 1,2-Dibromoethane	9.67	107	74046	19.336	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	306747	103.442	ug/l	99
56) Bromoform	10.85	173	54160	17.717	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	468203	93.199	ug/l	100
59) 2-Hexanone	9.48	43	348902	88.888	ug/l	99
61) Tetrachloroethene	9.33	164	76951	18.690	ug/l	96
62) Toluene	8.78	91	298606	19.018	ug/l	100
64) Chlorobenzene	10.13	112	189595	18.918	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	70284	18.934	ug/l	99
66) Ethyl Benzene	10.25	91	326219	18.861	ug/l	100
67) m/p-Xylenes	10.36	106	253170	37.960	ug/l	100
68) o-Xylene	10.69	106	120657	18.697	ug/l	100
69) Styrene	10.71	104	206345	18.722	ug/l	100
70) Isopropylbenzene	11.01	105	325450	18.986	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	105827	19.175	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	115678	25.268	ug/l	90
73) Bromobenzene	11.25	156	86725	18.724	ug/l	97
74) n-propylbenzene	11.35	91	372638	19.100	ug/l	100
75) 2-Chlorotoluene	11.42	91	222498	19.299	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	274026	19.075	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	30193	16.356	ug/l	96
78) 4-Chlorotoluene	11.51	91	257714	19.325	ug/l	99
79) tert-butylbenzene	11.76	119	261477	18.840	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	269880	18.897	ug/l	99
81) sec-Butylbenzene	11.94	105	318984	19.192	ug/l	100
82) p-Isopropyltoluene	12.06	119	283804	18.380	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	150181	18.497	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	152002	18.591	ug/l	99
85) n-Butylbenzene	12.39	91	246576	18.351	ug/l	100
86) Hexachloroethane	12.59	117	50196	17.984	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	150519	18.630	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	20265	16.860	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	102781	17.690	ug/l	98
90) Hexachlorobutadiene	13.78	225	53268	18.461	ug/l	95
91) Naphthalene	13.83	128	286122	17.394	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	106424	18.449	ug/l	98

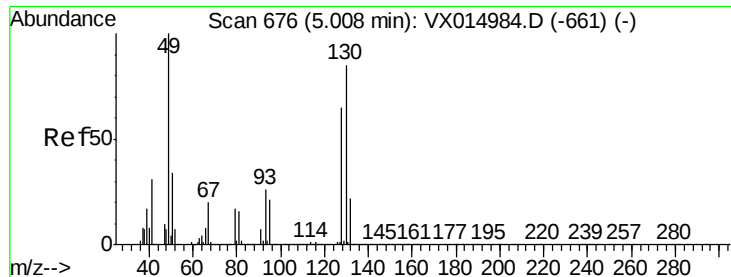
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

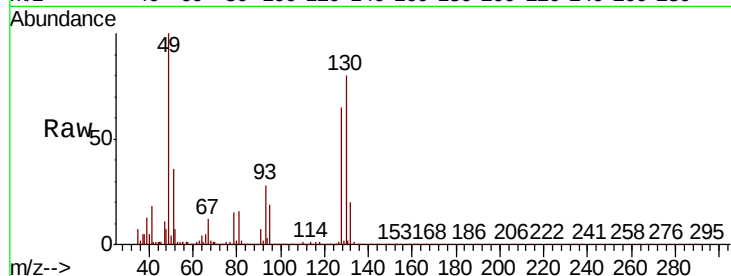
Tot Ion:128 Resp: 63092

Ion Ratio Lower Upper

128 100

49 157.4 0.0 384.7

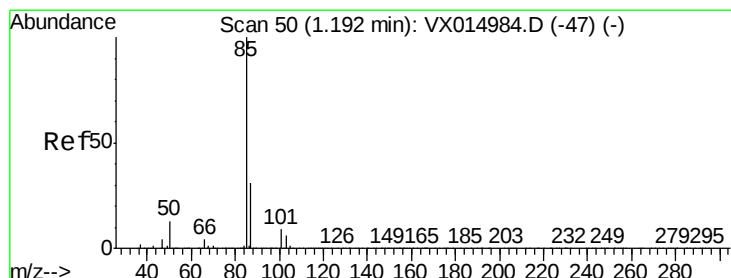
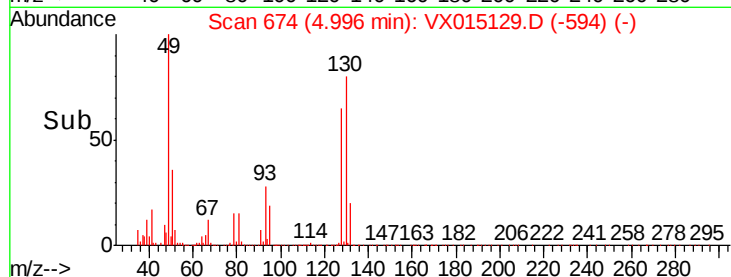
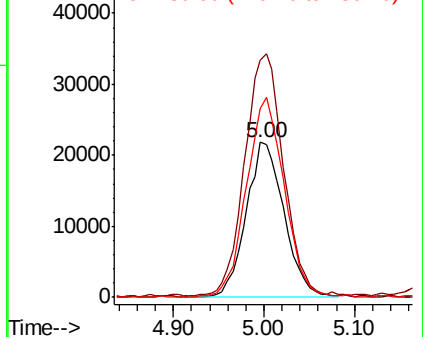
130 127.9 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 16.759 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015129.D

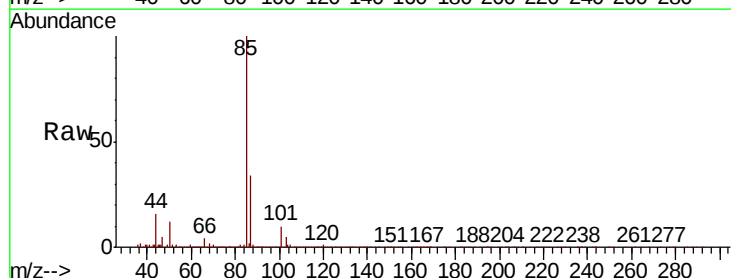
Acq: 06 Mar 2020 16:20

Tgt Ion: 85 Resp: 47217

Ion Ratio Lower Upper

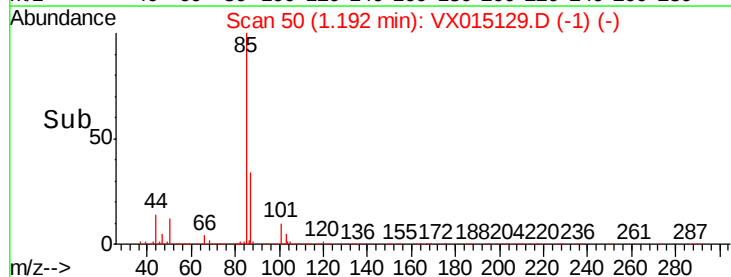
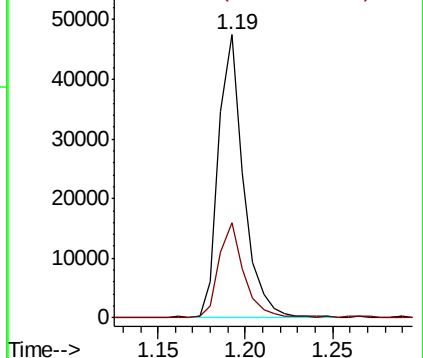
85 100

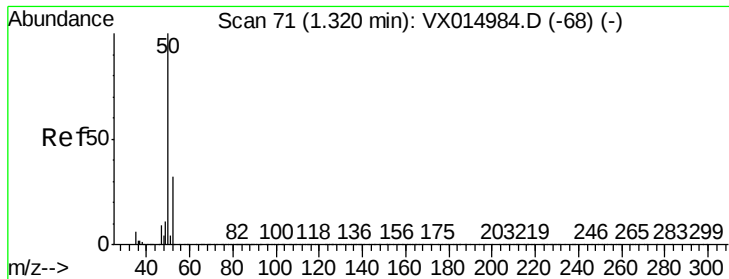
87 33.5 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

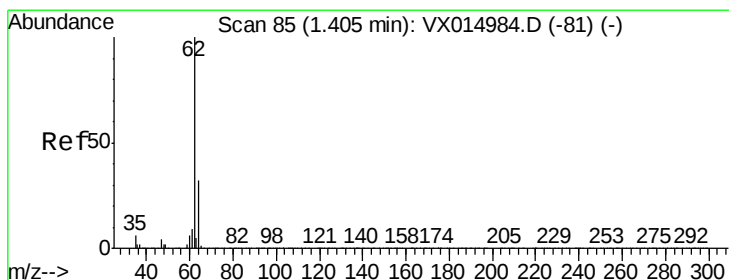
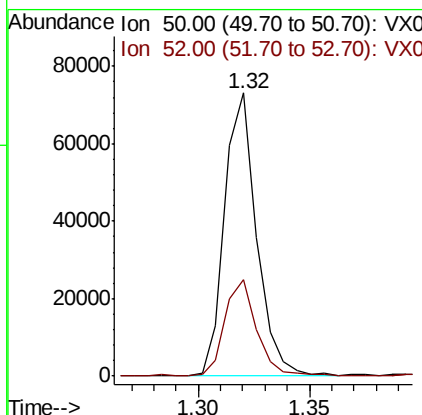
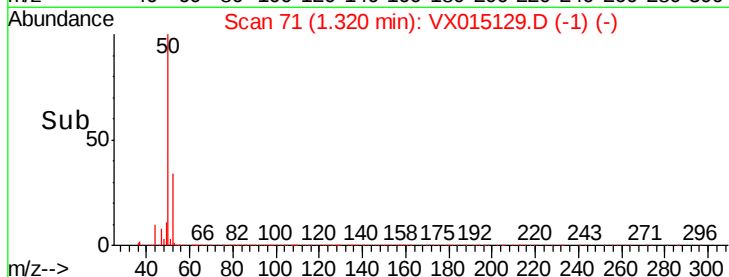
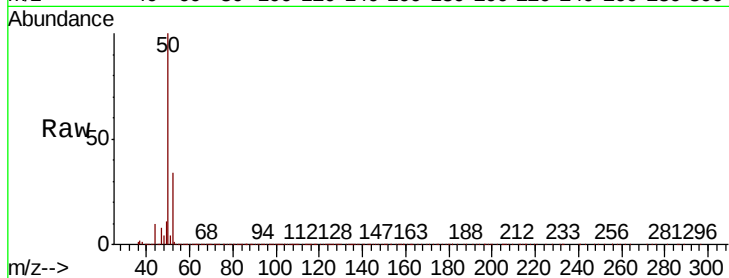




#3
Chloromethane
Concen: 20.006 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

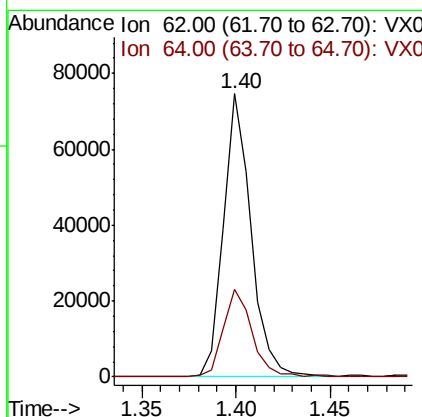
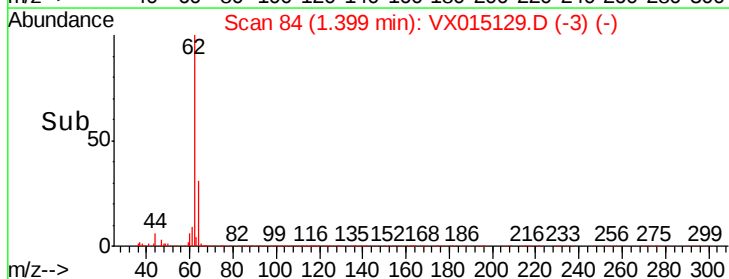
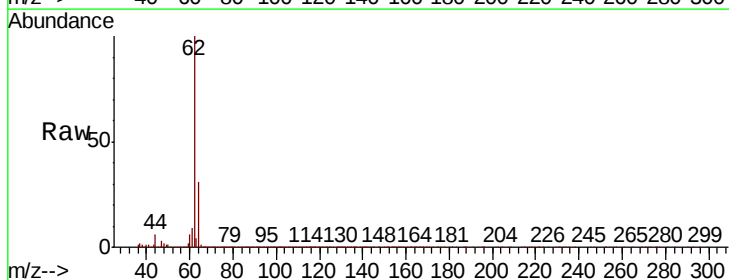
Instrument :
MSVOA_X
ClientSampled :

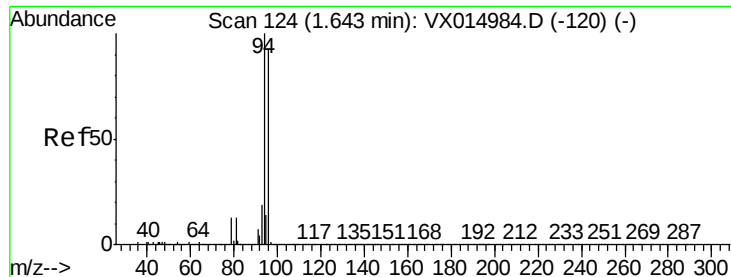
Tot Ion: 50 Resp: 72881
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0



#4
Vinyl Chloride
Concen: 19.161 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 62 Resp: 75124
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0





#5

Bromomethane

Concen: 16.758 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

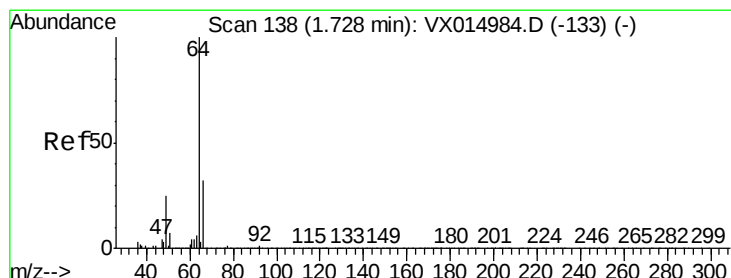
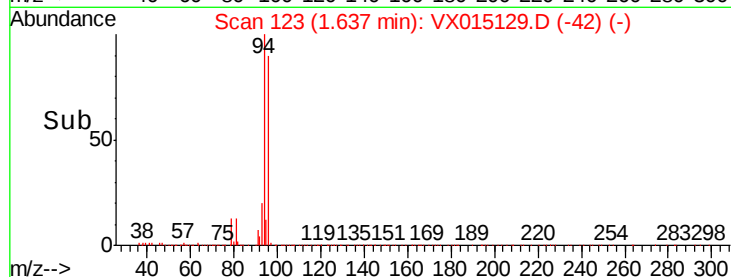
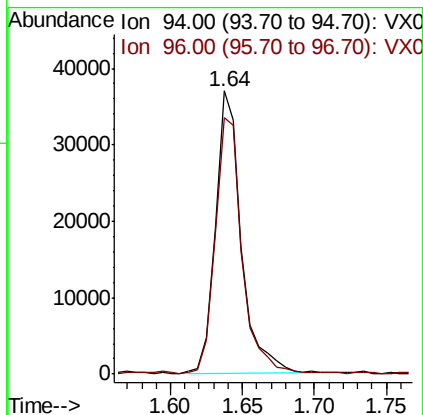
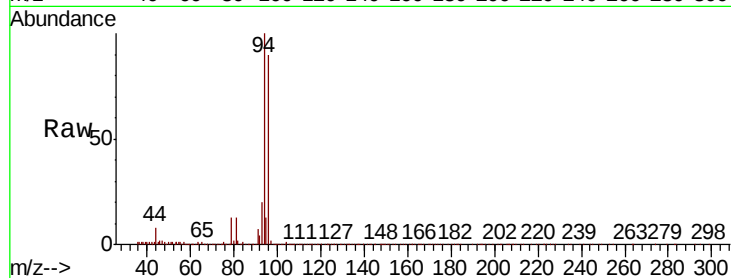
ClientSampleId :

Tot Ion: 94 Resp: 46012

Ion Ratio Lower Upper

94 100

96 90.3 74.6 112.0



#6

Chloroethane

Concen: 18.233 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015129.D

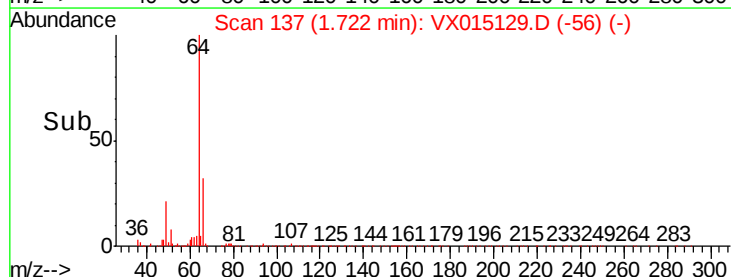
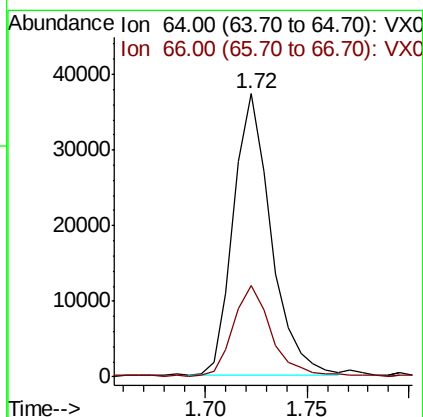
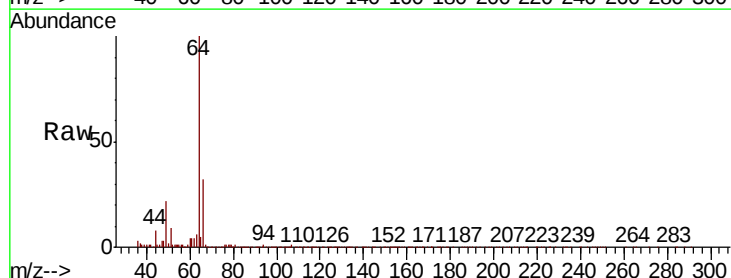
Acq: 06 Mar 2020 16:20

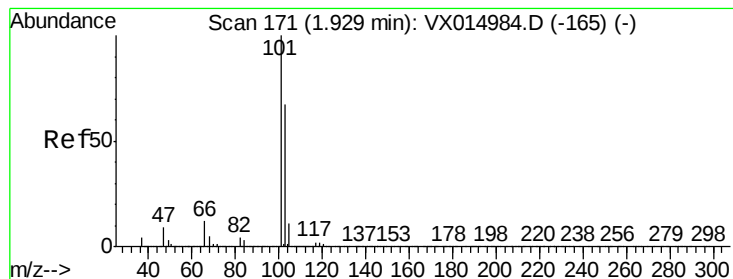
Tgt Ion: 64 Resp: 47886

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6



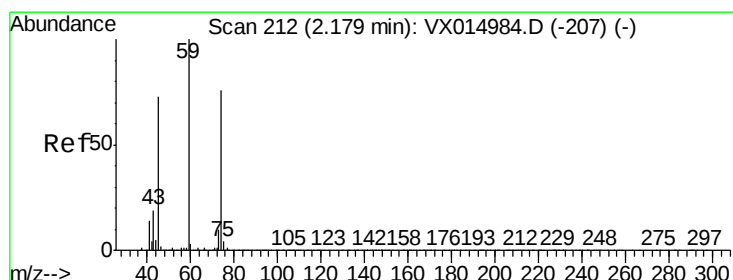
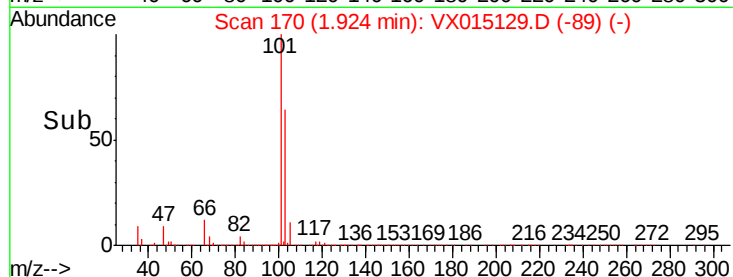
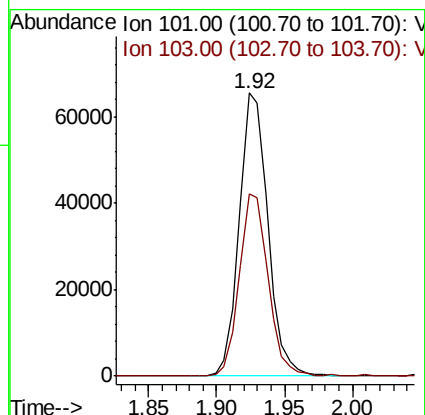
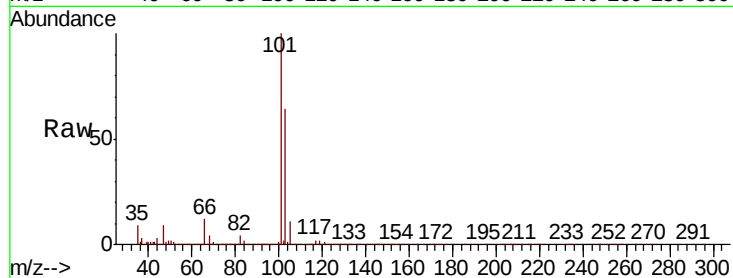


#7

Trichlorofluoromethane
Concen: 16.836 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :

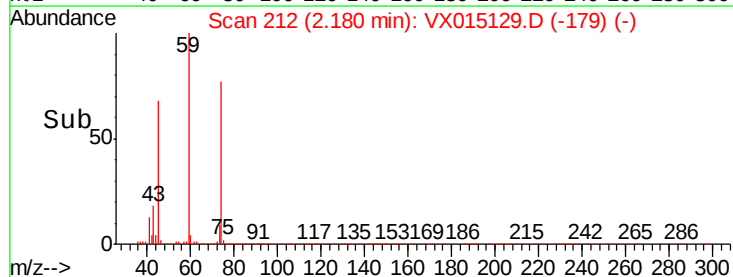
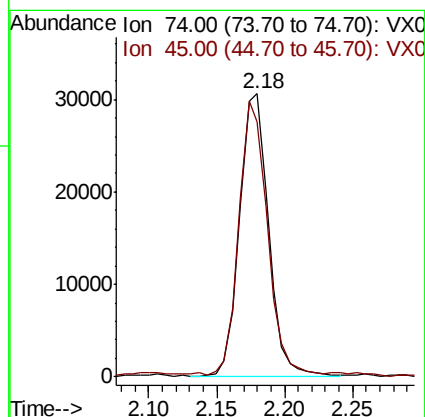
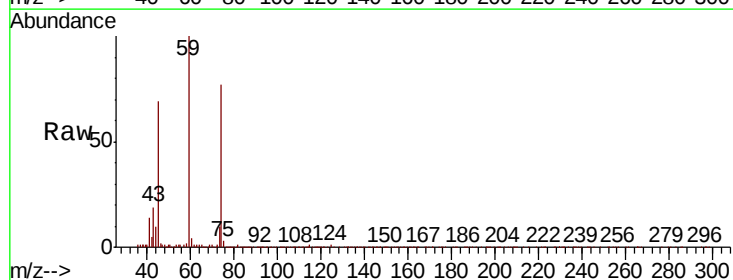
Tot Ion:101 Resp: 96069
Ion Ratio Lower Upper
101 100
103 64.1 53.4 80.2

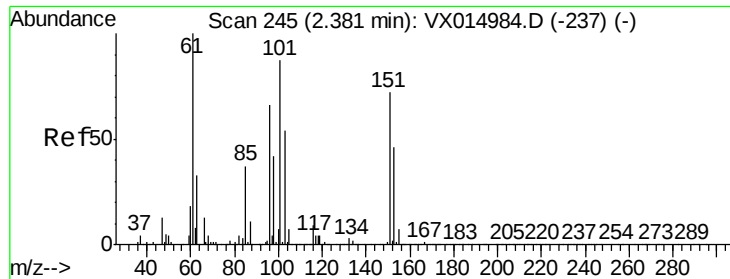


#8

Diethyl Ether
Concen: 19.099 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 74 Resp: 45847
Ion Ratio Lower Upper
74 100
45 95.1 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.099 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

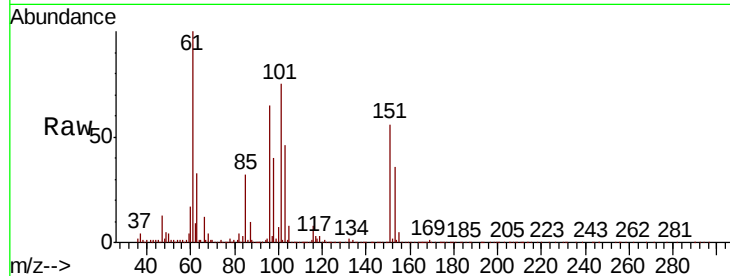
Tot Ion:101 Resp: 63009

Ion Ratio Lower Upper

101 100

85 42.6 0.0 86.6

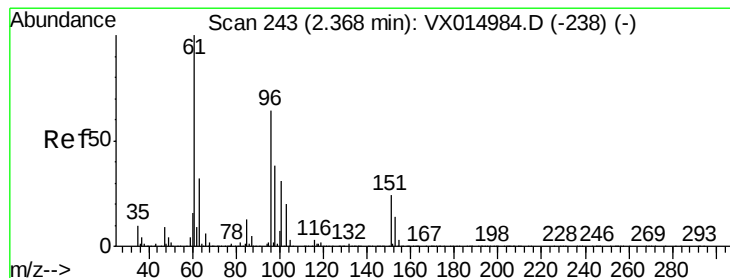
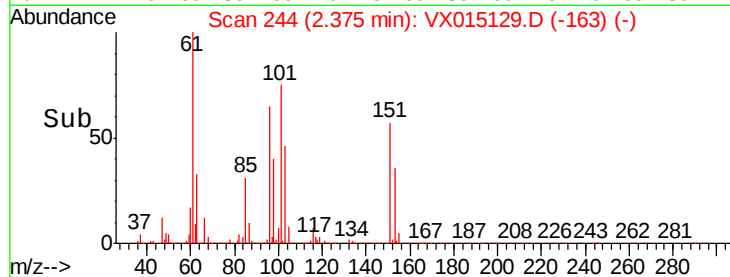
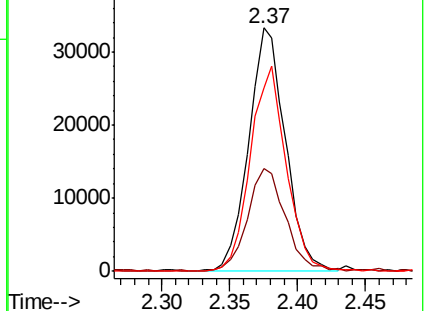
151 82.3 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.337 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

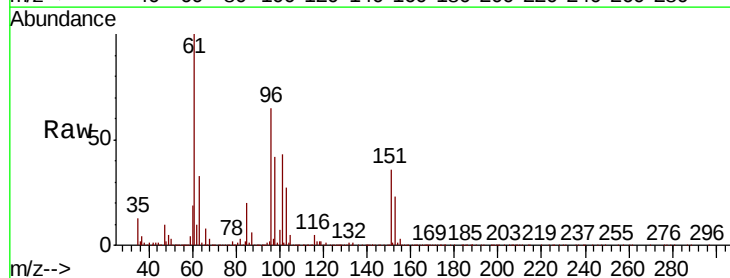
Tgt Ion: 96 Resp: 60818

Ion Ratio Lower Upper

96 100

61 153.3 126.1 189.1

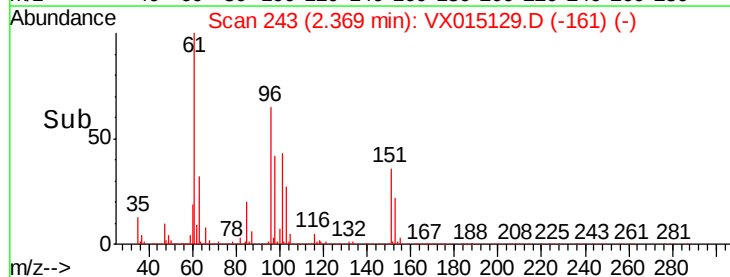
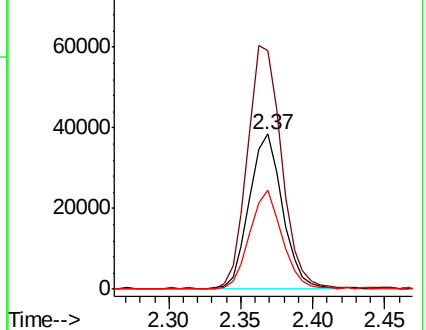
98 64.0 48.2 72.2

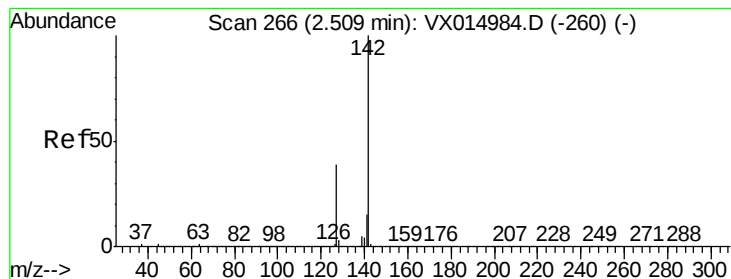


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 12.923 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

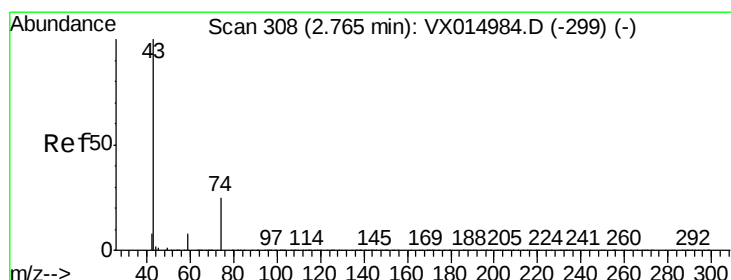
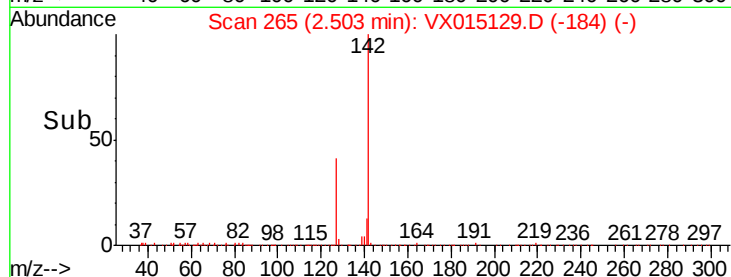
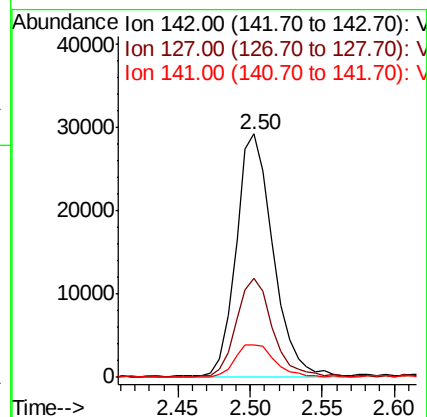
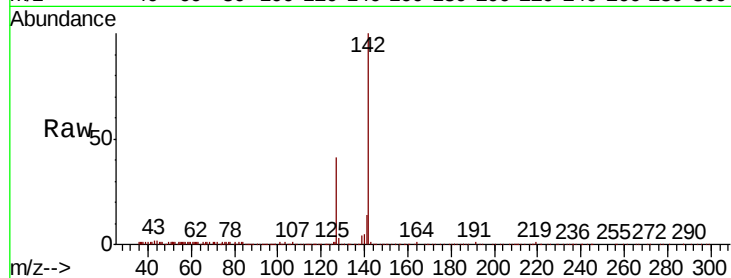
Tot Ion:142 Resp: 52081

Ion Ratio Lower Upper

142 100

127 40.5 19.7 59.0

141 13.5 7.4 22.2



#12

Methyl Acetate

Concen: 18.600 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015129.D

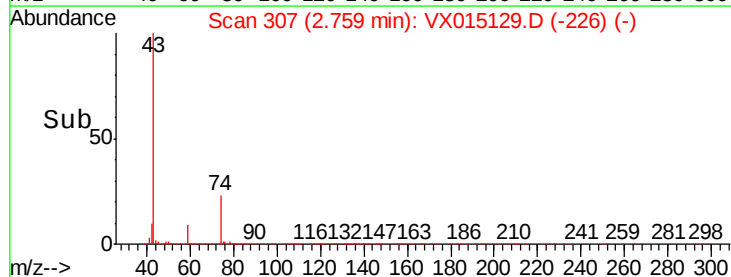
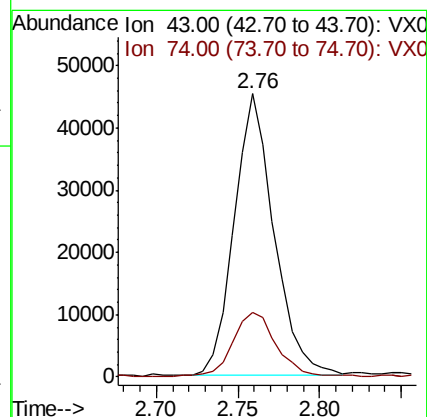
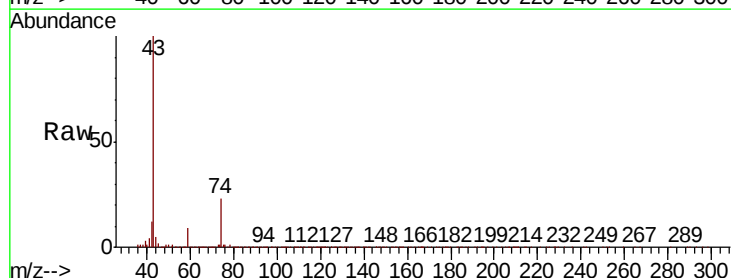
Acq: 06 Mar 2020 16:20

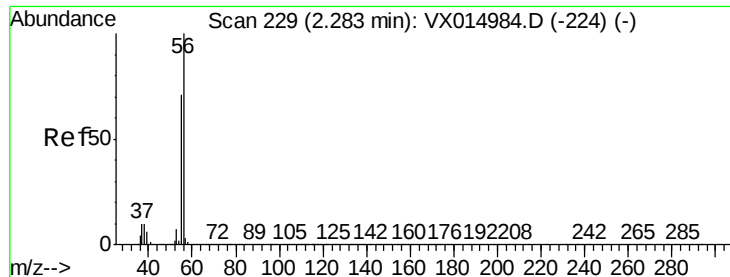
Tgt Ion: 43 Resp: 76766

Ion Ratio Lower Upper

43 100

74 22.2 19.8 29.8

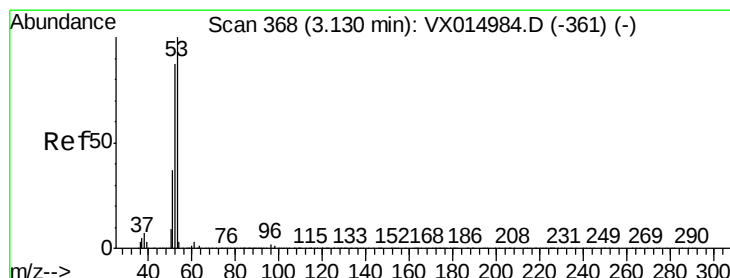
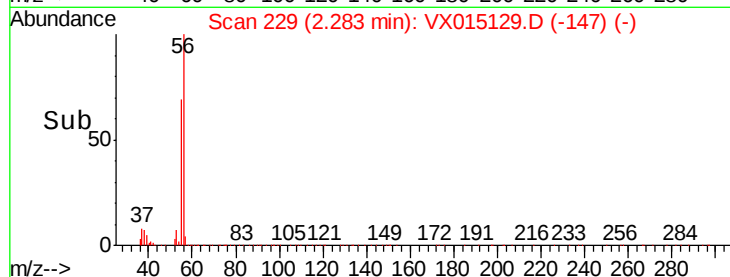
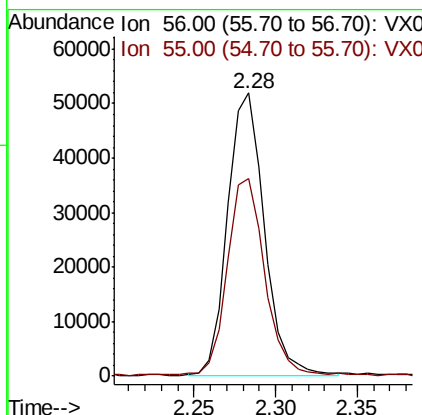
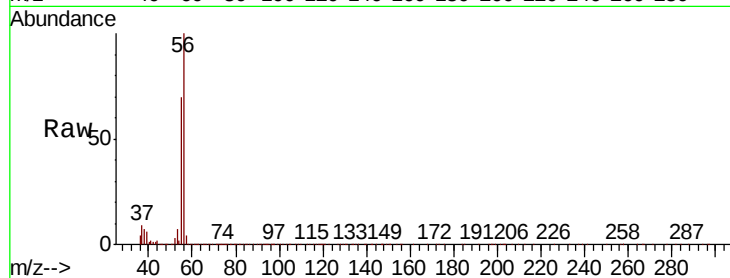




#13
Acrolein
Concen: 99.518 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

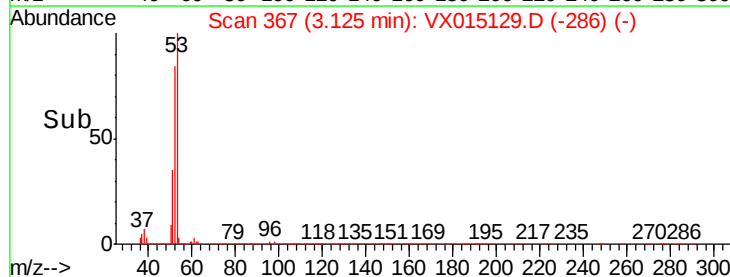
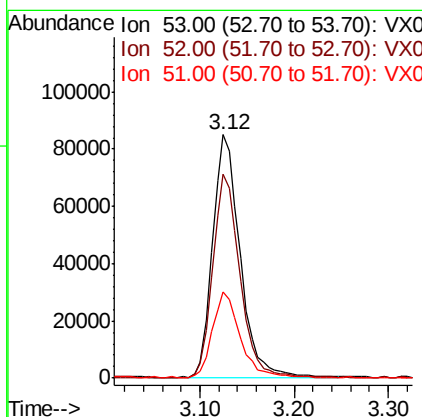
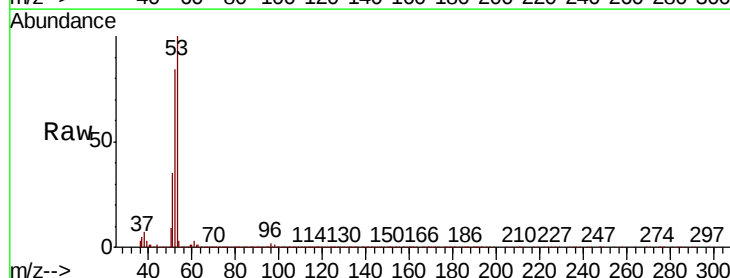
Instrument :
MSVOA_X
ClientSampleId :

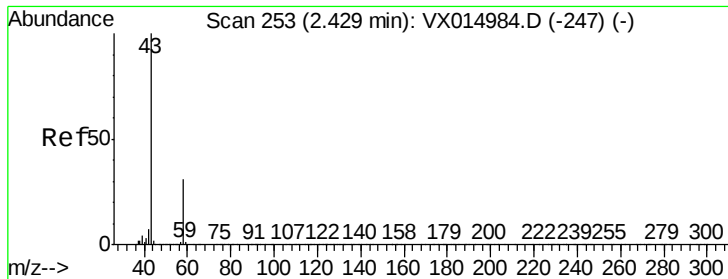
Tot Ion: 56 Resp: 81686
Ion Ratio Lower Upper
56 100
55 68.6 56.2 84.2



#14
Acrylonitrile
Concen: 92.160 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 53 Resp: 171775
Ion Ratio Lower Upper
53 100
52 82.0 41.5 124.6
51 35.9 18.1 54.4





#15

Acetone

Concen: 65.241 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

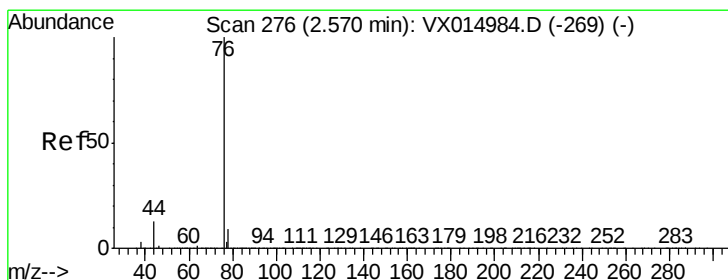
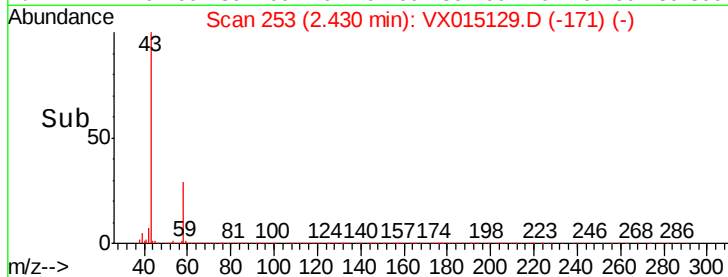
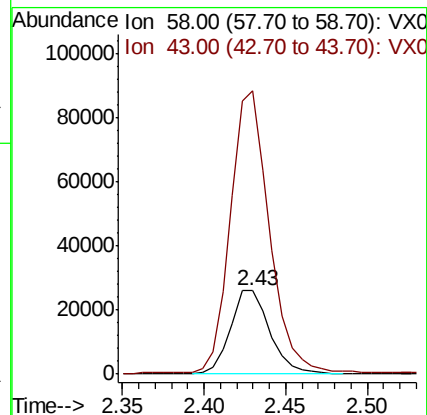
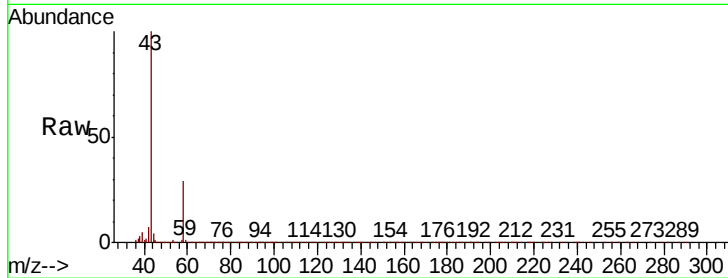
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 43518

Ion Ratio Lower Upper

58 100

43 339.3 257.7 386.5



#16

Carbon Disulfide

Concen: 16.677 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015129.D

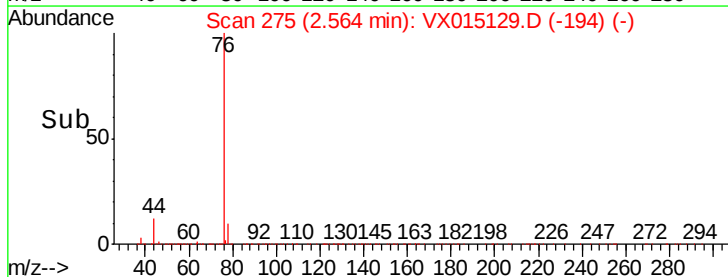
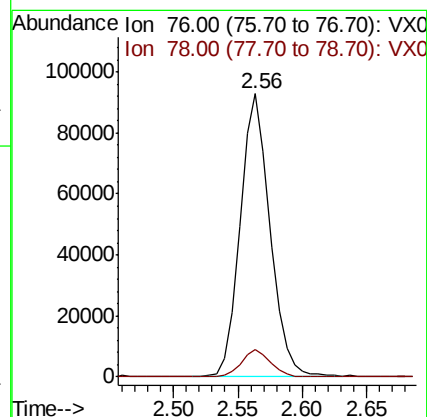
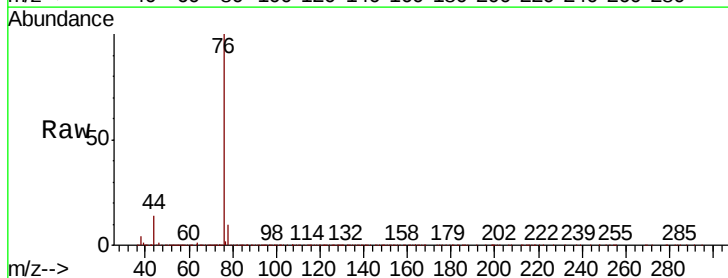
Acq: 06 Mar 2020 16:20

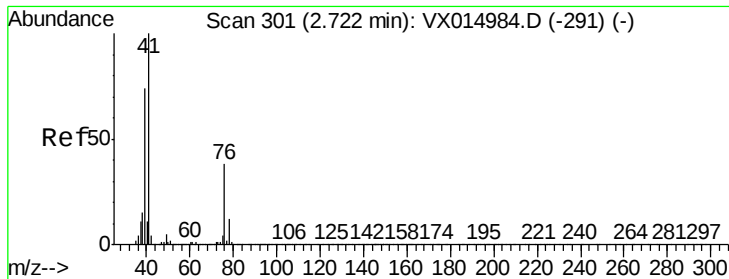
Tgt Ion: 76 Resp: 148716

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

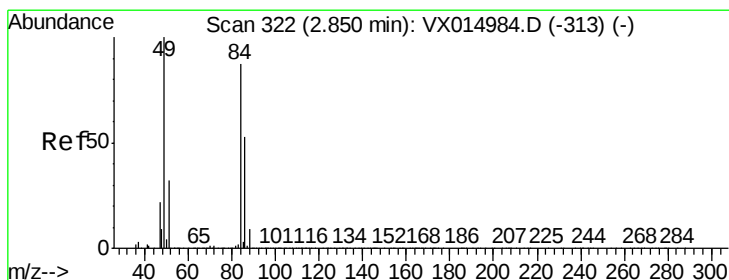
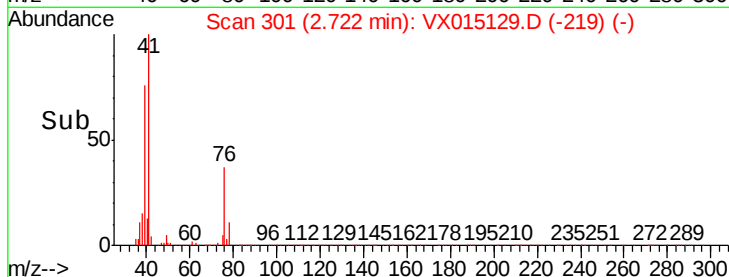
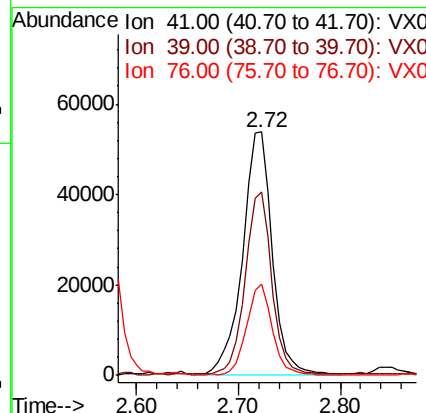
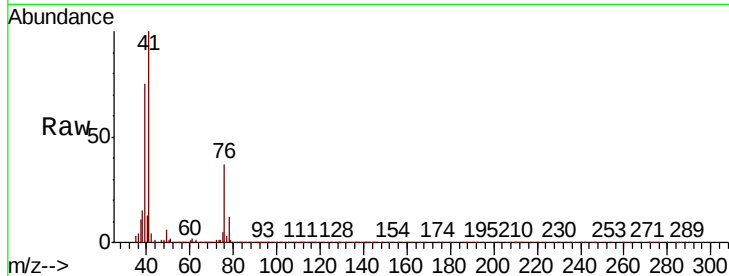




#17
Allvl chloride
Concen: 18.809 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

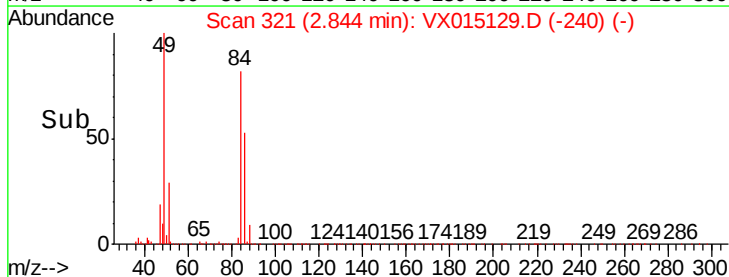
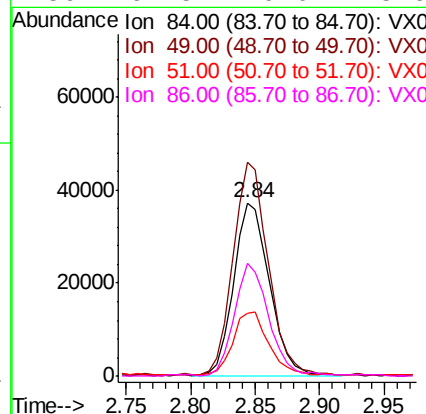
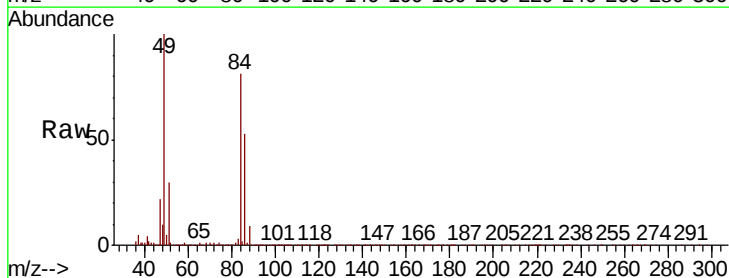
Instrument :
MSVOA_X
ClientSampleId :

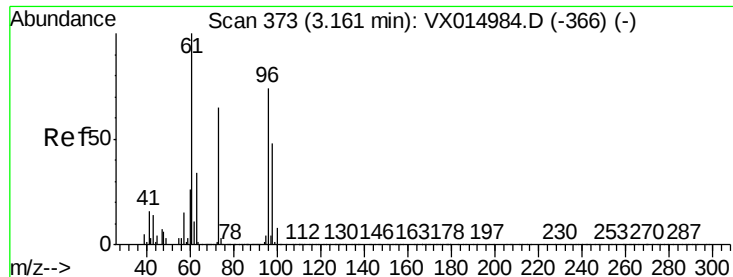
Tot Ion: 41 Resp: 108515
Ion Ratio Lower Upper
41 100
39 75.0 37.1 111.5
76 37.5 18.8 56.4



#18
Methylene Chloride
Concen: 18.833 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 84 Resp: 71967
Ion Ratio Lower Upper
84 100
49 123.0 92.2 138.2
51 35.9 29.7 44.5
86 64.5 49.0 73.6

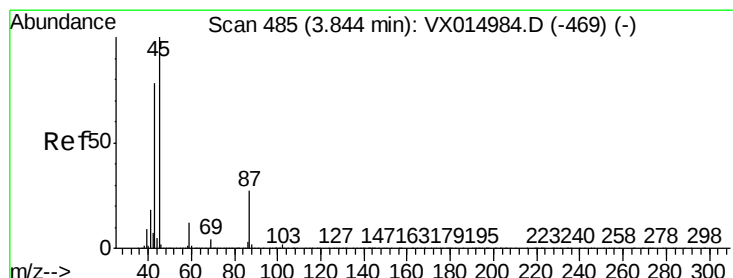
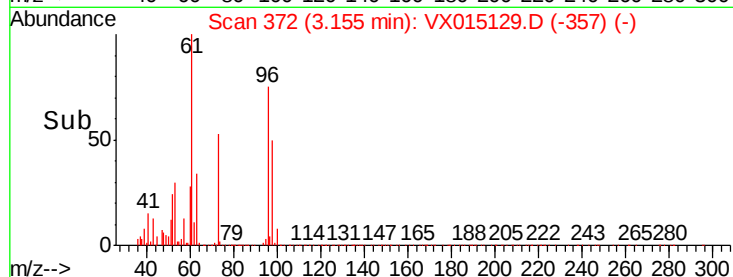
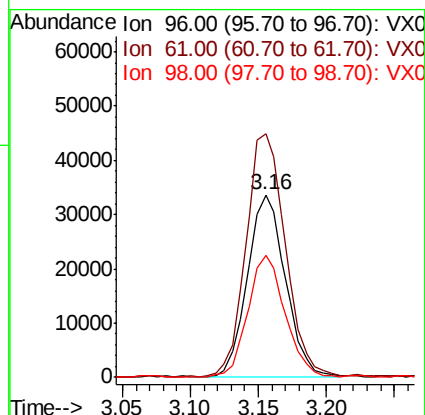
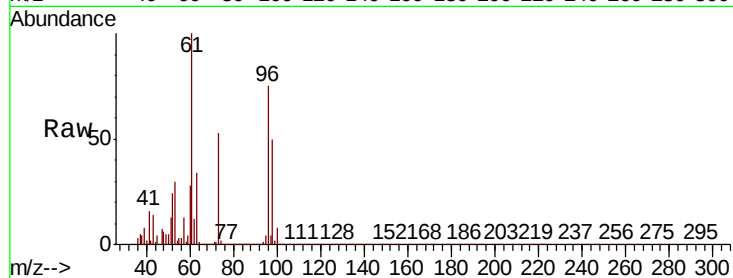




#19
trans-1,2-Dichloroethene
Concen: 18.177 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

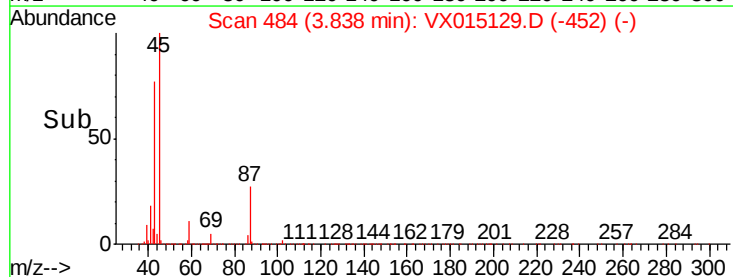
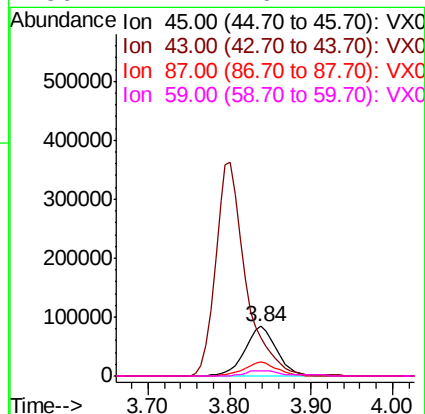
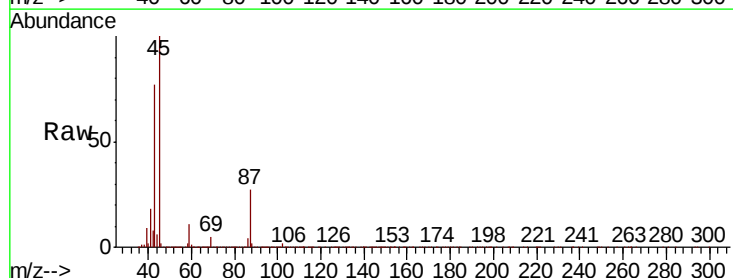
Instrument :
MSVOA_X
ClientSampleId :

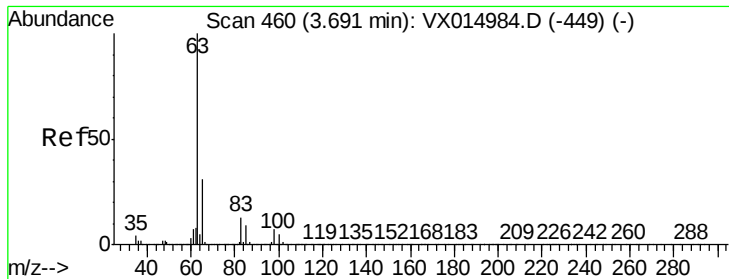
Tot Ion: 96 Resp: 66218
Ion Ratio Lower Upper
96 100
61 133.1 107.1 160.7
98 66.6 51.4 77.2



#20
Diisopropyl ether
Concen: 19.254 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 45 Resp: 226860
Ion Ratio Lower Upper
45 100
43 75.6 62.3 93.5
87 27.1 21.8 32.6
59 11.2 9.4 14.2





#21

1,1-Dichloroethane

Concen: 18.926 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015129.D

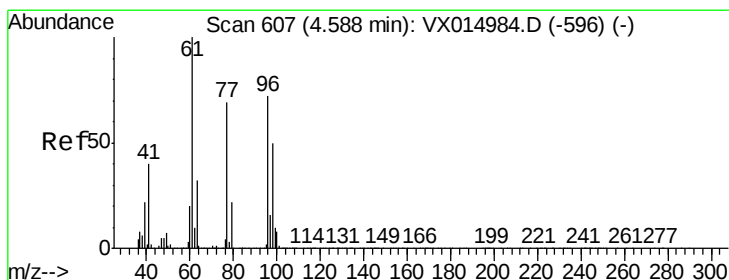
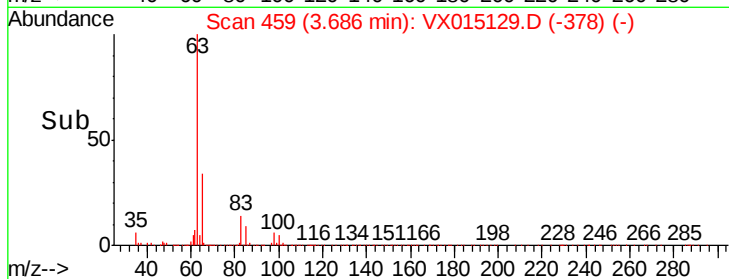
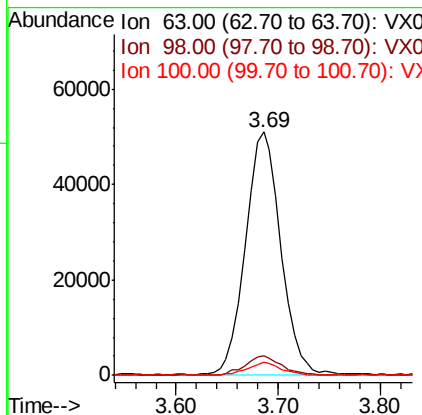
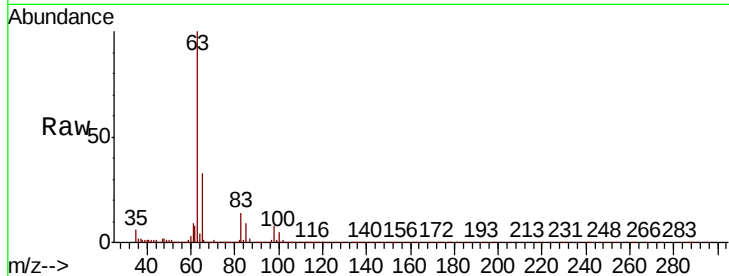
Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	122240
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.5	10.5
100	4.9	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 18.487 ug/l

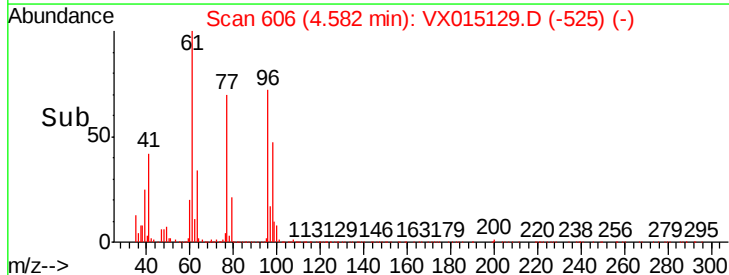
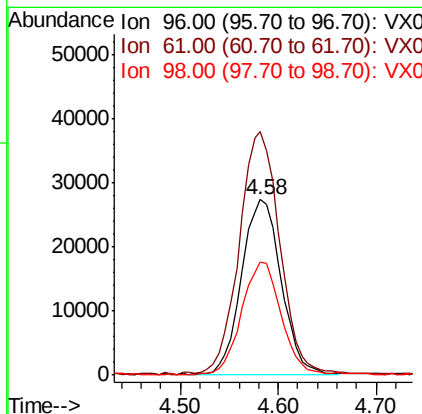
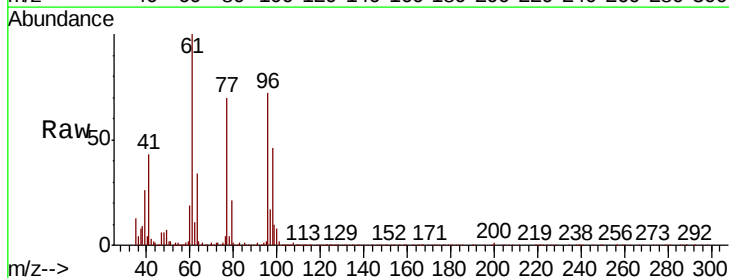
RT: 4.58 min Scan# 606

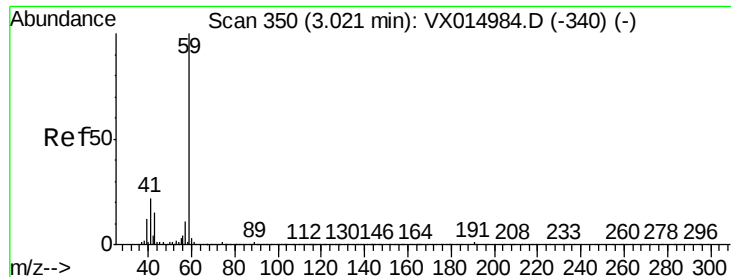
Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	96	Resp:	77066
Ion	Ratio	Lower	Upper
96	100		
61	139.3	110.6	165.8
98	63.6	50.4	75.6



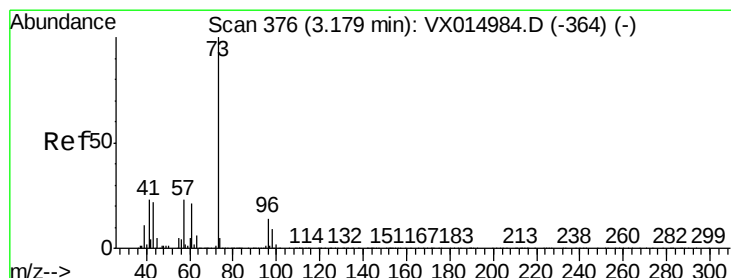
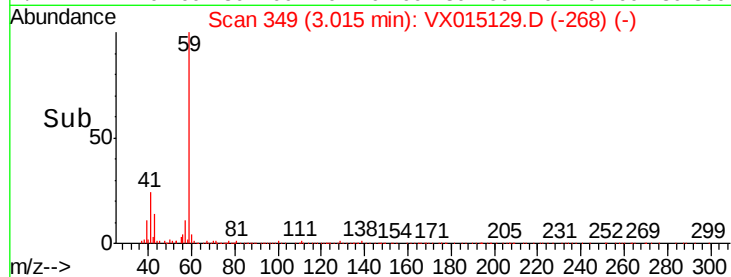
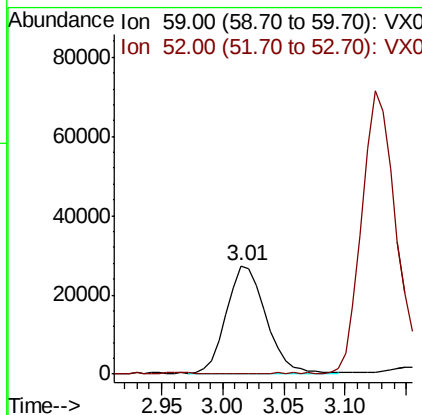
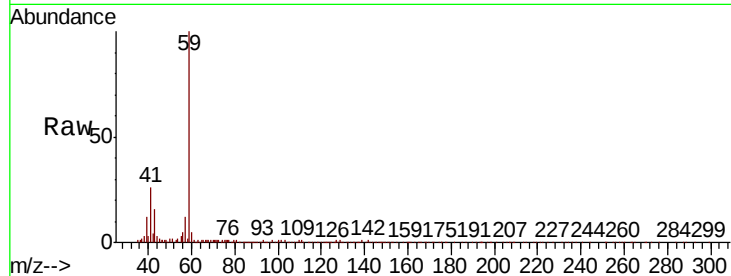


#23

tert-Butyl Alcohol
Concen: 82.925 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :

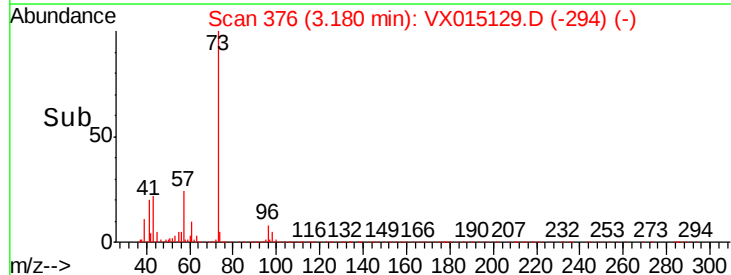
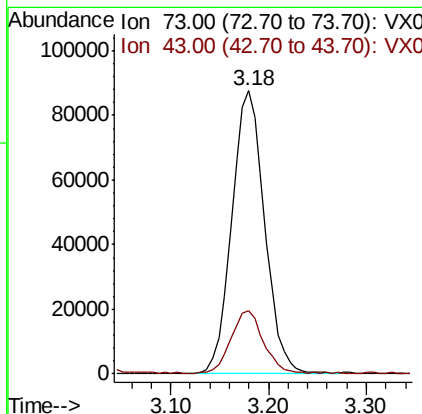
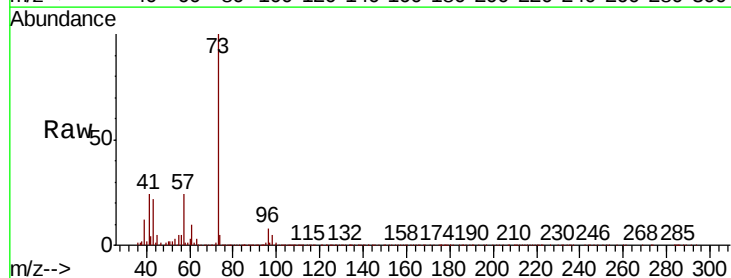
Tot Ion: 59 Resp: 61269
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

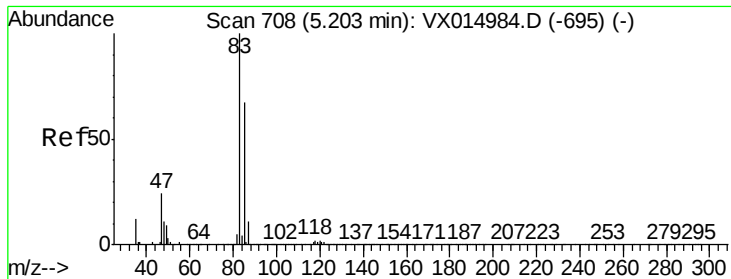


#24

Methyl tert-Butyl Ether
Concen: 18.395 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 73 Resp: 202984
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5

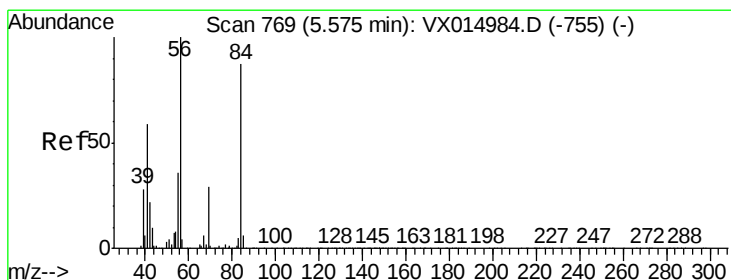
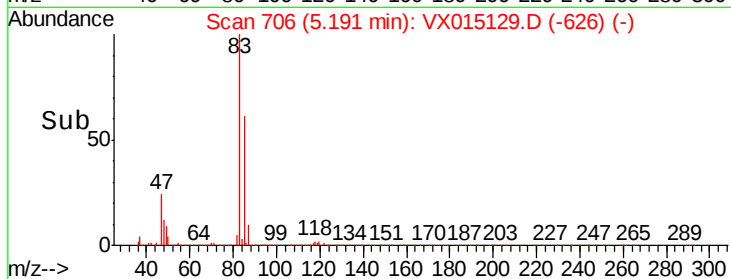
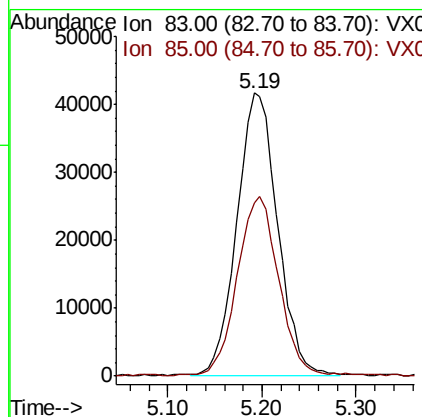
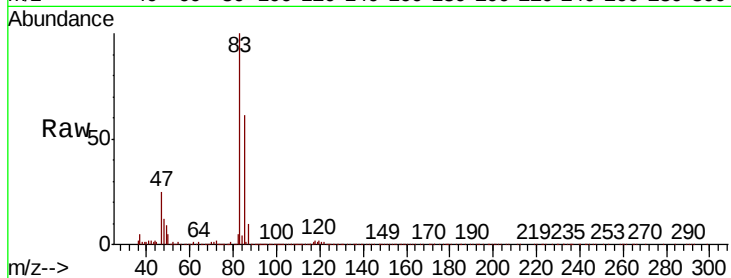




#25
Chloroform
Concen: 19.316 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

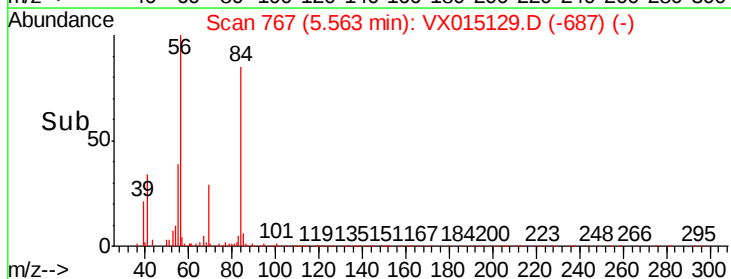
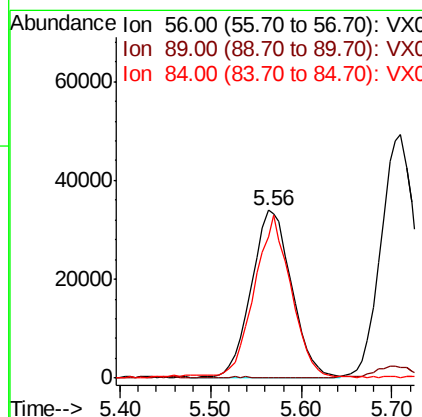
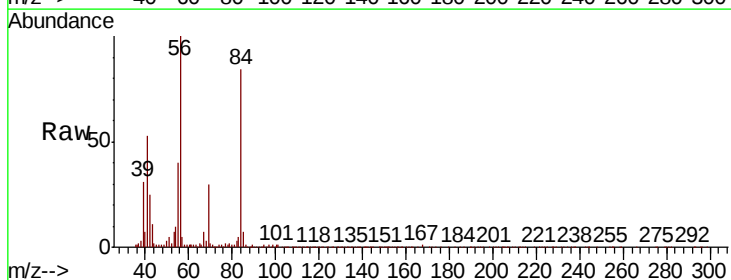
Instrument :
MSVOA_X
ClientSampled :

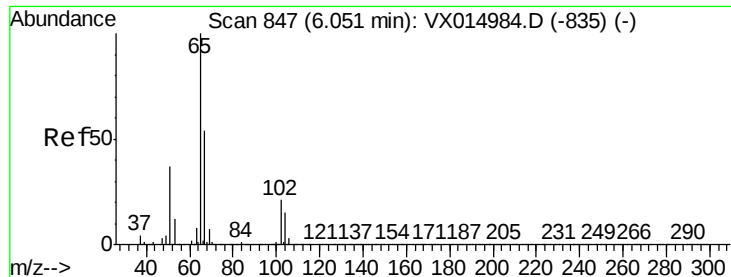
Tot Ion: 83 Resp: 125812
Ion Ratio Lower Upper
83 100
85 60.7 53.4 80.0



#26
Cyclohexane
Concen: 18.218 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 56 Resp: 105168
Ion Ratio Lower Upper
56 100
89 0.1 0.2 0.2#
84 87.3 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.673 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

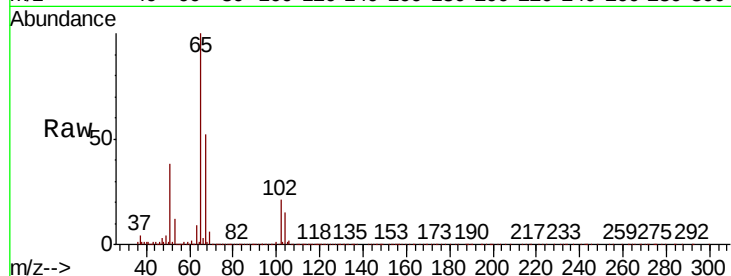
ClientSampleId :

Tot Ion: 65 Resp: 130181

Ion Ratio Lower Upper

65 100

67 52.5 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.05

50000

40000

30000

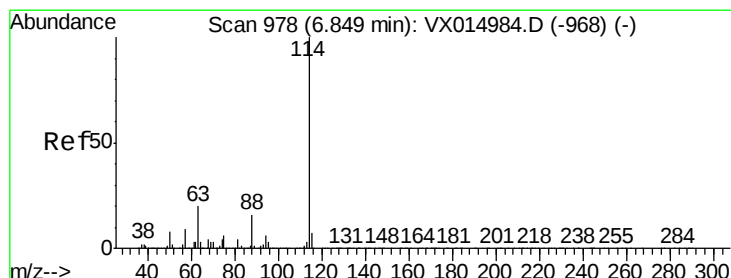
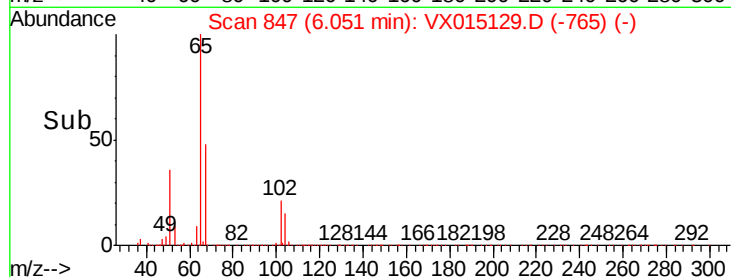
20000

10000

0

5.95 6.00 6.05 6.10 6.15

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

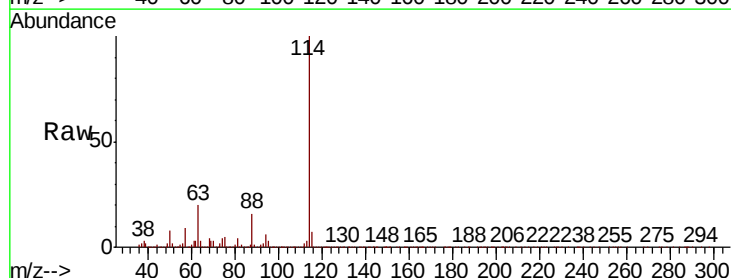
Tgt Ion: 114 Resp: 330016

Ion Ratio Lower Upper

114 100

63 20.4 15.6 23.4

88 15.9 12.2 18.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.84

150000

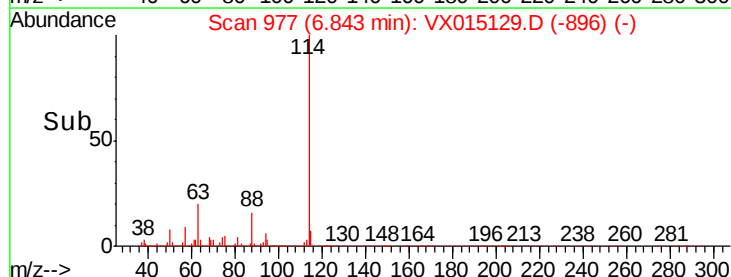
100000

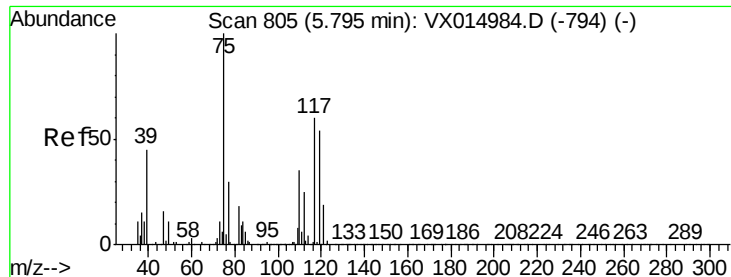
50000

0

6.75 6.80 6.85 6.90 6.95

Time-->





#29

1,1-Dichloropropene

Concen: 19.065 ug/l

RT: 5.79 min Scan# 804

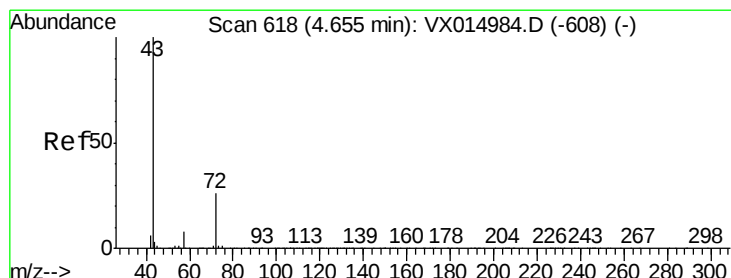
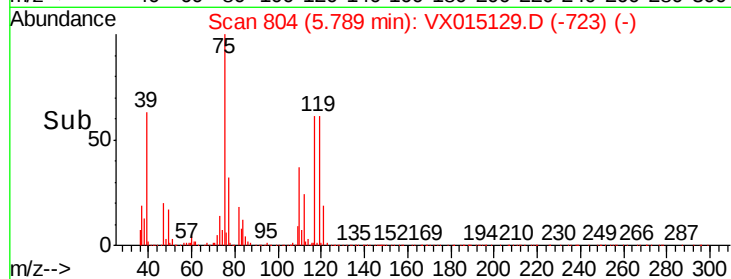
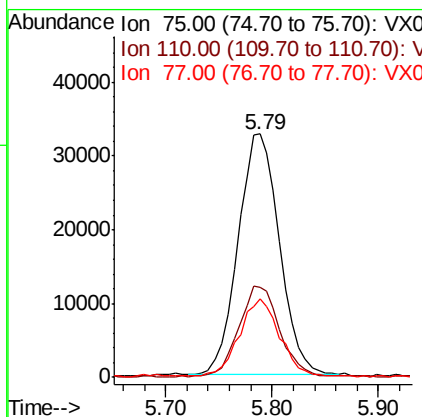
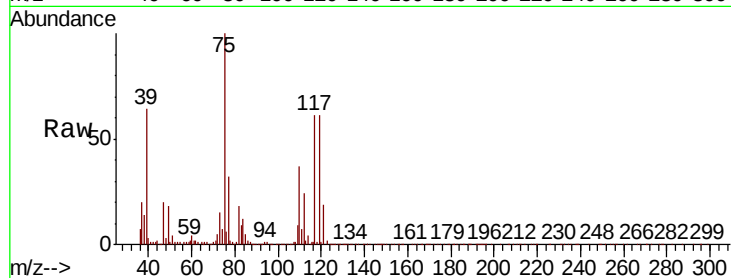
Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	88992
Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	75.0
77	31.5	0.0	64.0



#30

2-Butanone

Concen: 84.810 ug/l

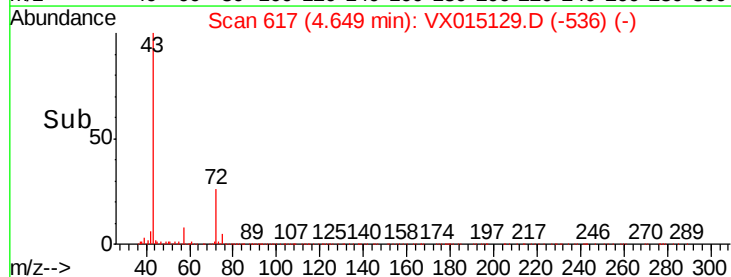
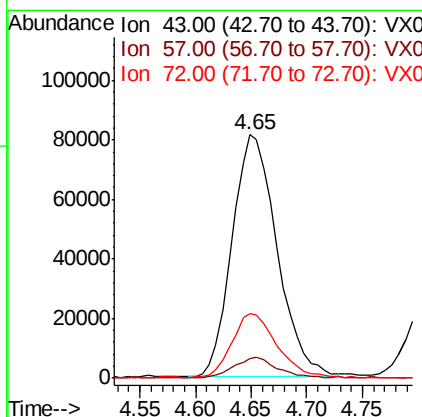
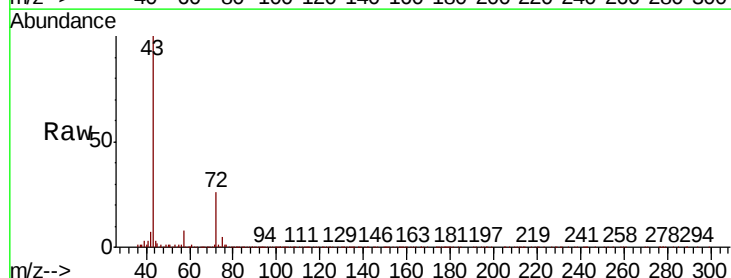
RT: 4.65 min Scan# 617

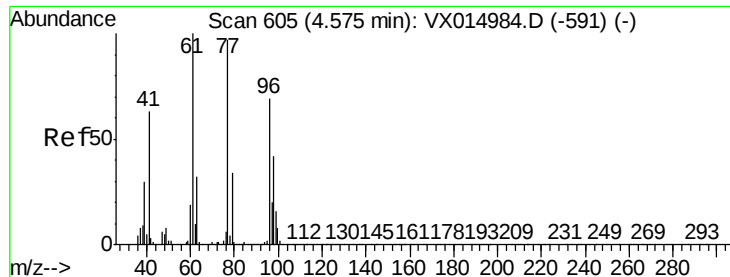
Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	43	Resp:	228506
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.5	9.7
72	26.0	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.586 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

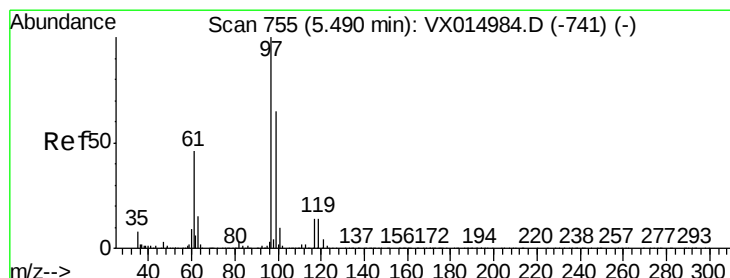
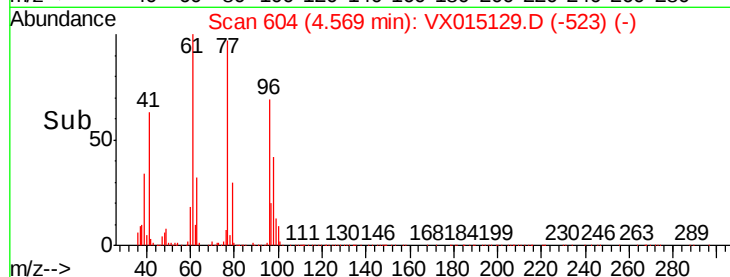
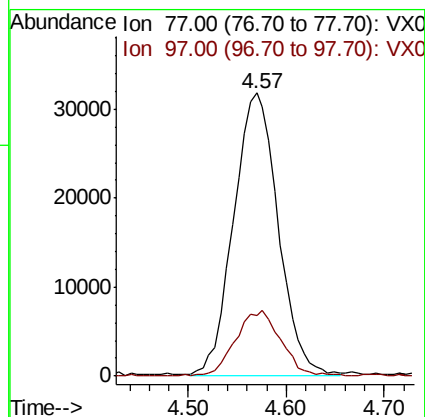
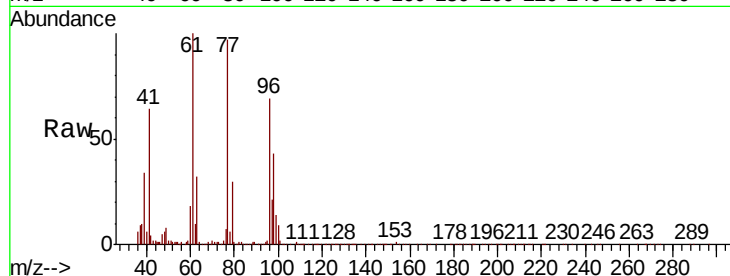
ClientSampleId :

Tot Ion: 77 Resp: 100392

Ion Ratio Lower Upper

77 100

97 22.7 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 19.451 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

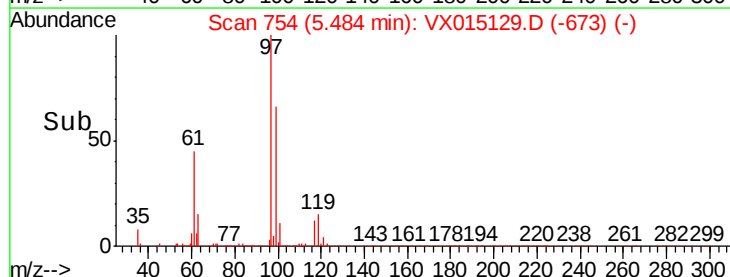
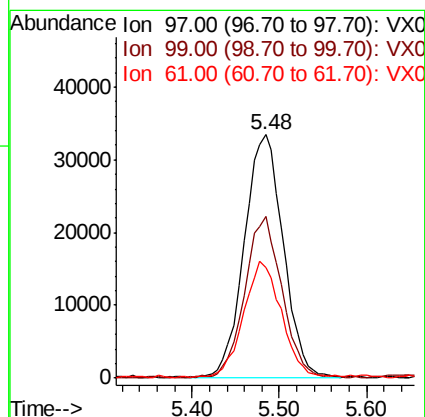
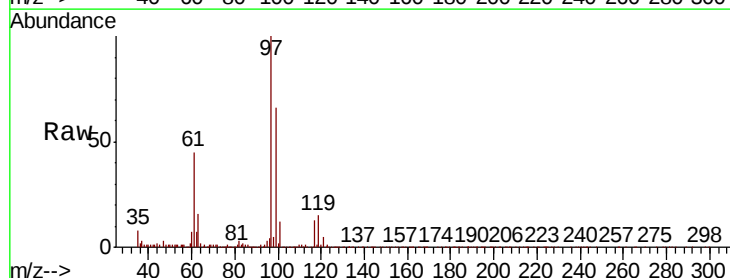
Tgt Ion: 97 Resp: 103106

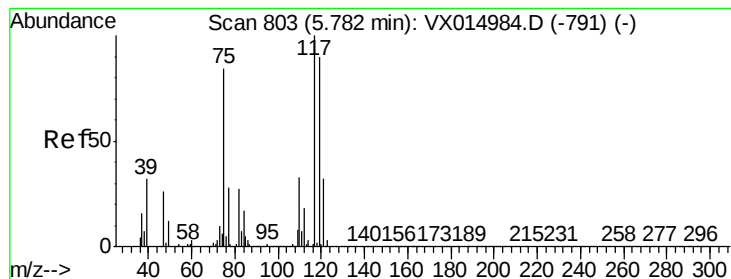
Ion Ratio Lower Upper

97 100

99 63.2 53.0 79.6

61 45.9 36.2 54.2





#33

Carbon Tetrachloride

Concen: 18.975 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

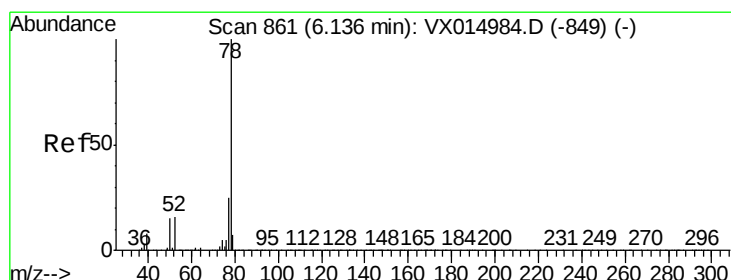
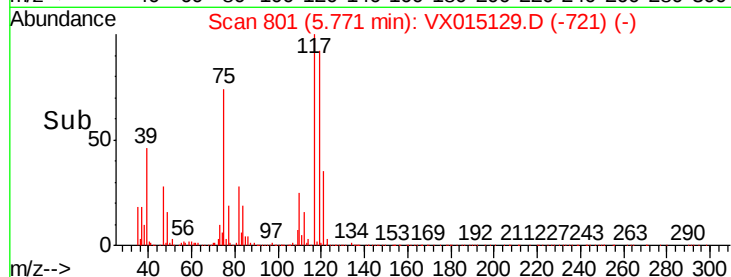
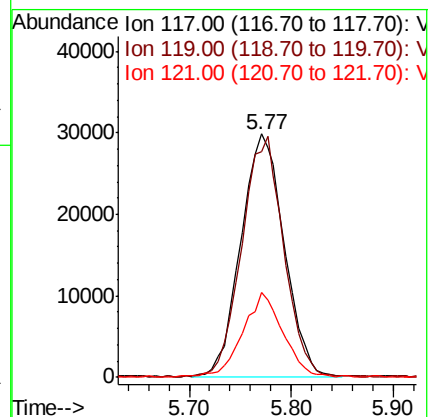
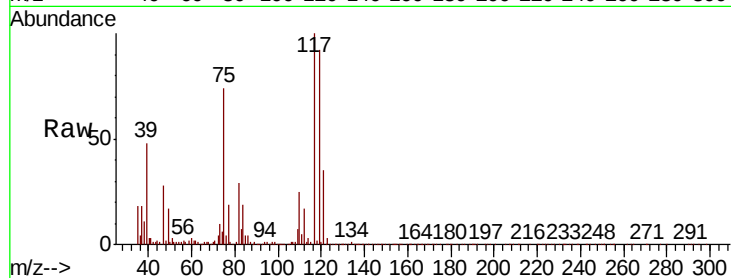
Tot Ion:117 Resp: 88049

Ion Ratio Lower Upper

117 100

119 92.3 71.9 107.9

121 34.7 25.4 38.2



#34

Benzene

Concen: 19.755 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

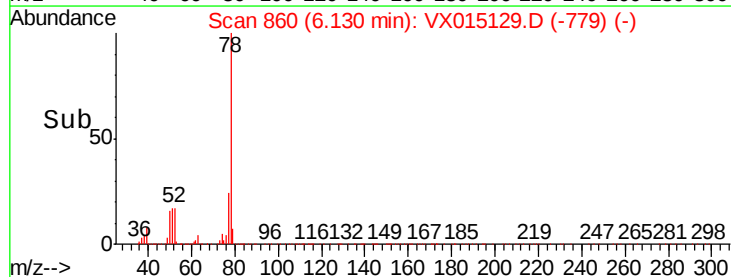
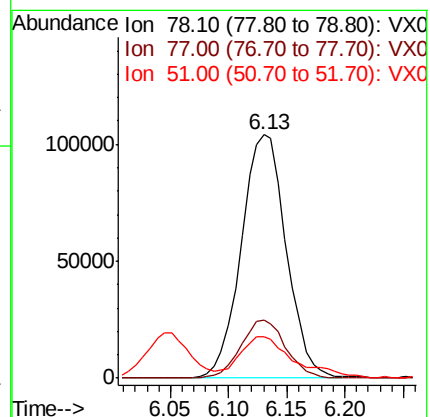
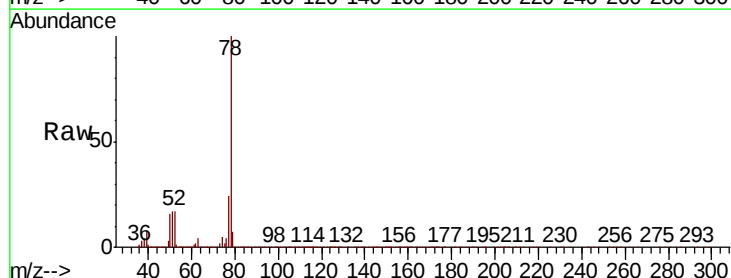
Tgt Ion: 78 Resp: 278247

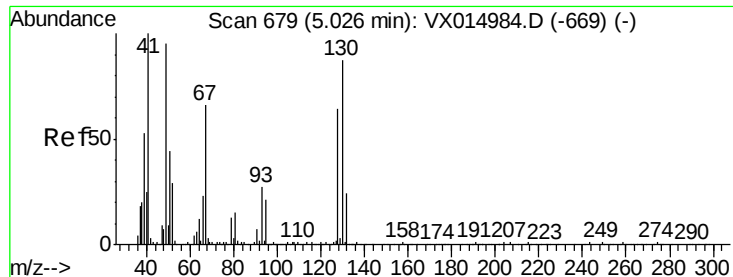
Ion Ratio Lower Upper

78 100

77 23.6 20.0 30.0

51 15.3 13.3 19.9

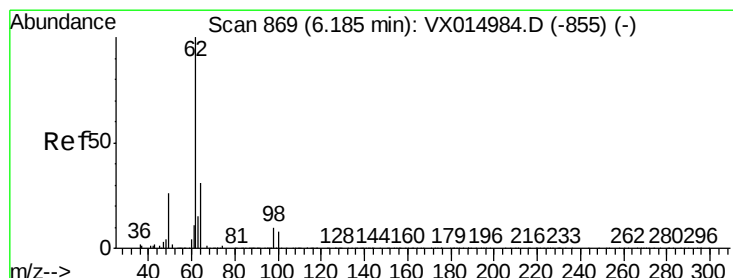
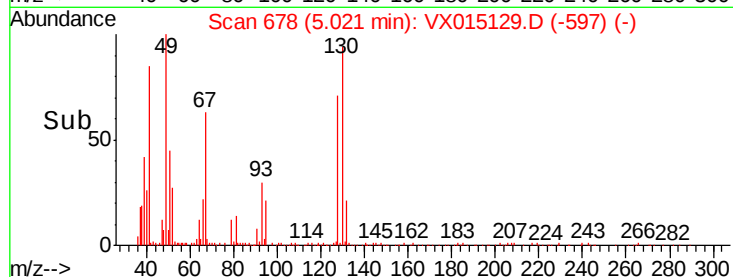
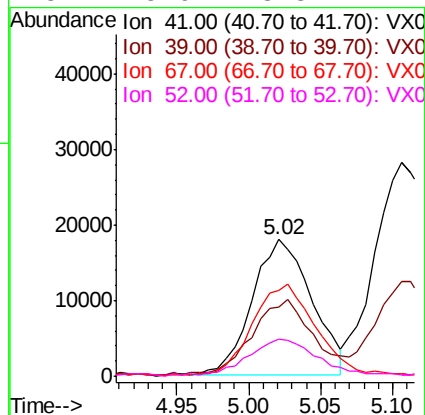
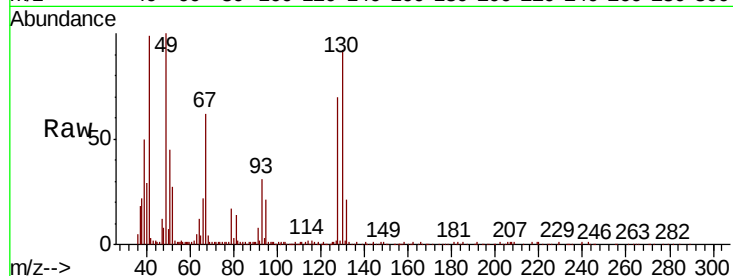




#35
Methacrylonitrile
Concen: 18.591 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

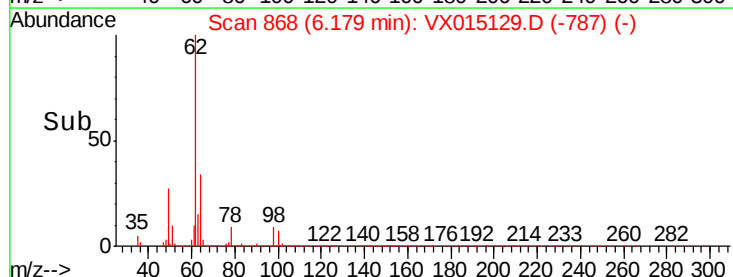
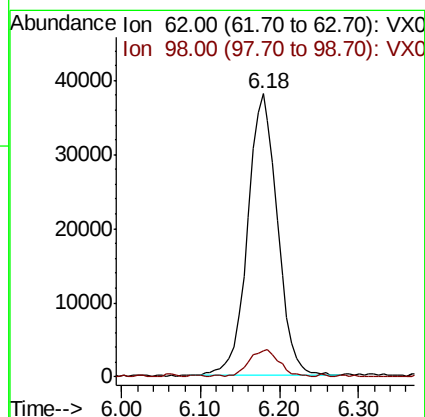
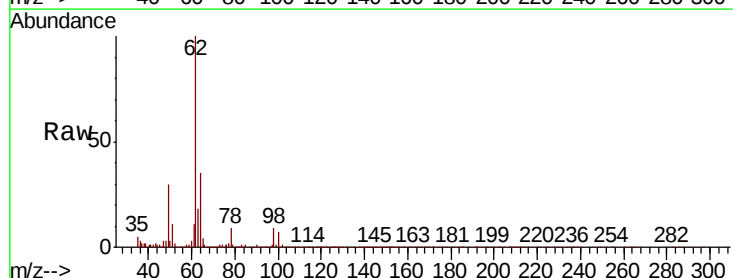
Instrument :
MSVOA_X
ClientSampleId :

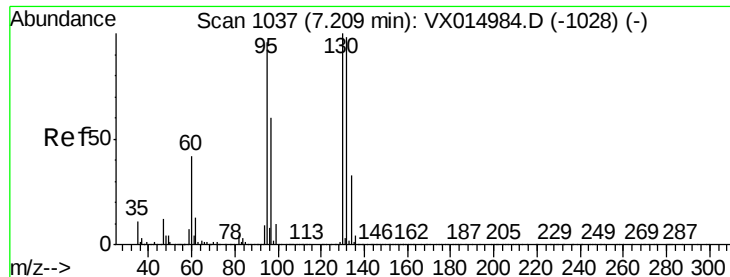
Tot Ion:	41	Resp:	51097
Ion	Ratio	Lower	Upper
41	100		
39	48.7	25.9	77.7
67	63.1	32.7	98.1
52	25.6	13.8	41.4



#36
1,2-Dichloroethane
Concen: 20.062 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:	62	Resp:	100024
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.5	11.3





#37

Trichloroethene

Concen: 19.278 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

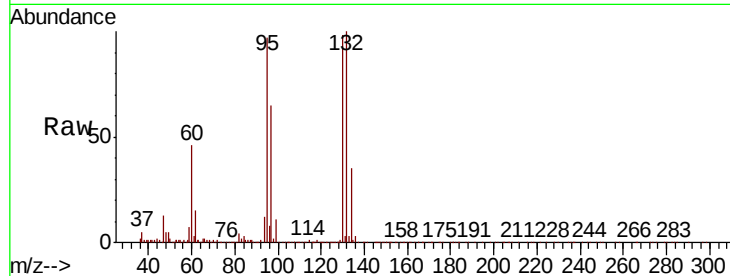
ClientSampleId :

Tot Ion:130 Resp: 76239

Ion Ratio Lower Upper

130 100

95 99.1 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

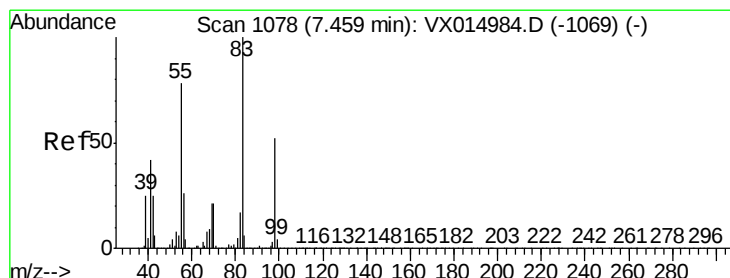
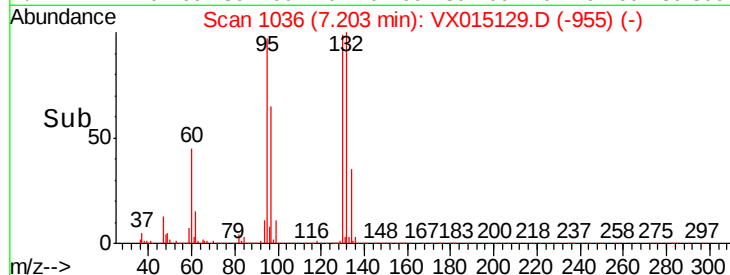
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 18.666 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

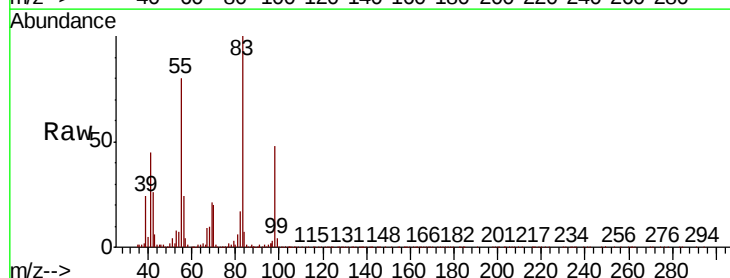
Tgt Ion: 83 Resp: 108000

Ion Ratio Lower Upper

83 100

55 77.5 38.2 114.6

98 48.4 25.3 75.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

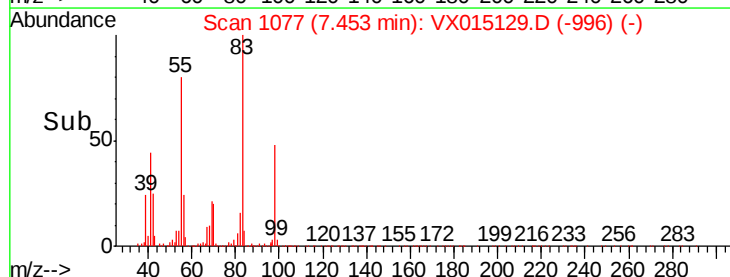
60000

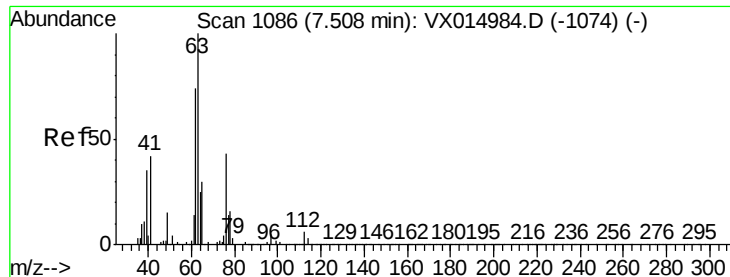
40000

20000

0

Time--> 7.40 7.50 7.60

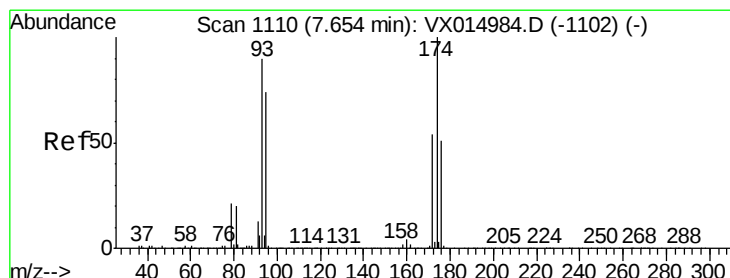
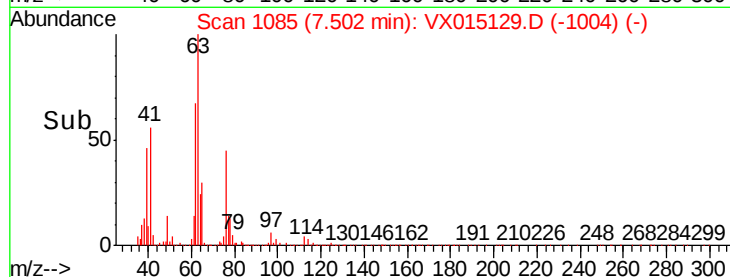
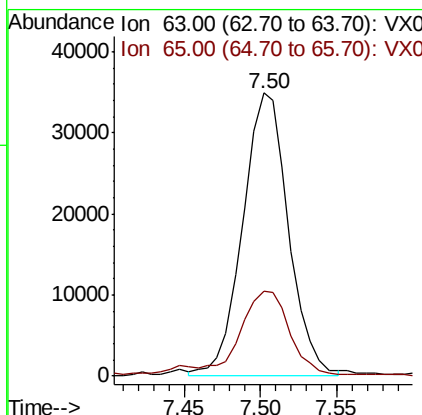
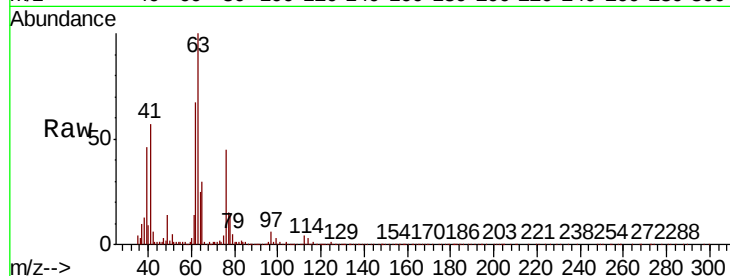




#39
 1,2-Dichloropropane
 Concen: 19.823 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

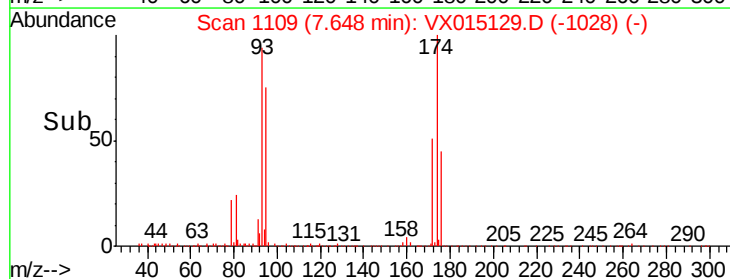
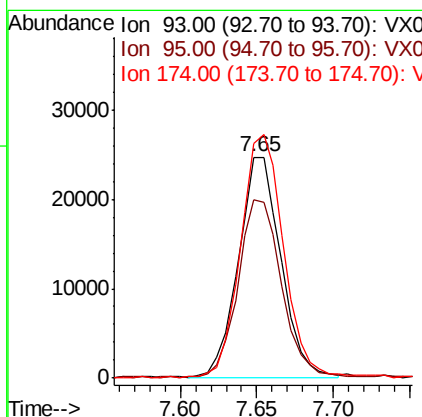
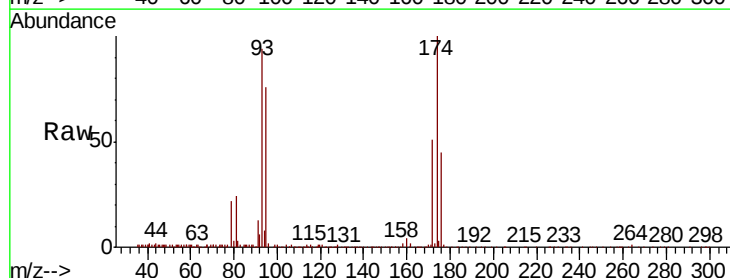
Instrument :
 MSVOA_X
 ClientSampleId :

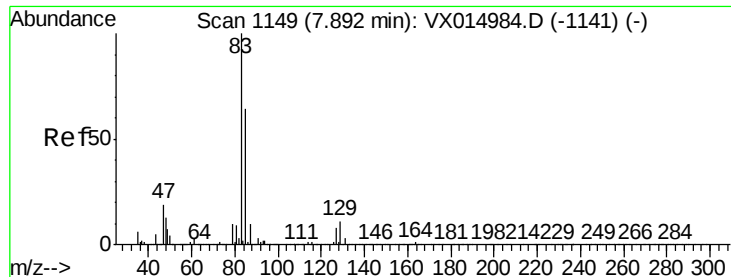
Tot Ion: 63 Resp: 71870
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8



#40
 Dibromomethane
 Concen: 19.659 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion: 93 Resp: 47592
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 164.6
 174 111.9 0.0 226.4





#41

Bromodichloromethane

Concen: 19.846 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

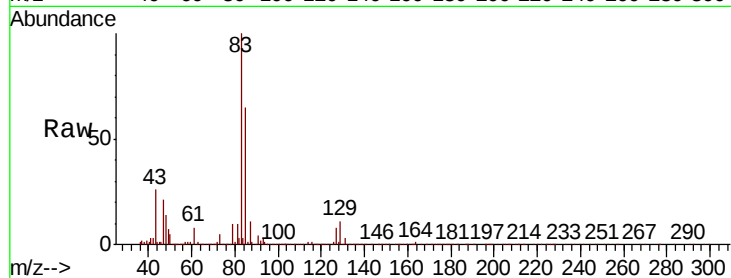
Tot Ion: 83 Resp: 94908

Ion Ratio Lower Upper

83 100

85 65.0 51.0 76.4

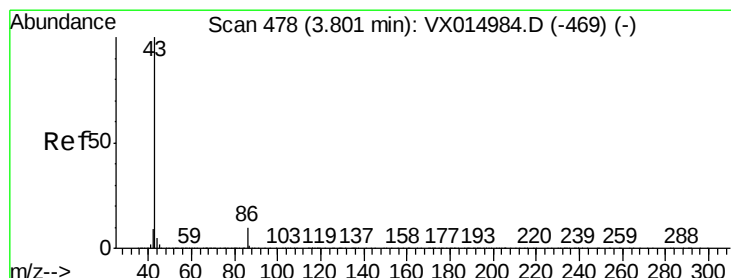
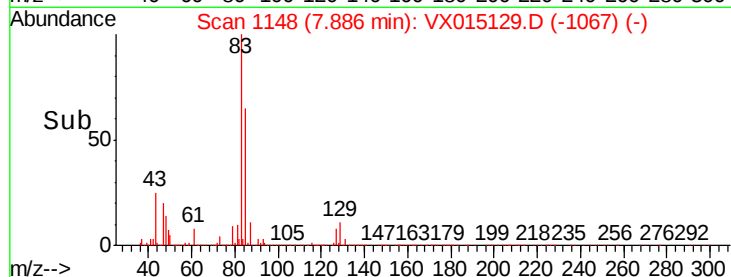
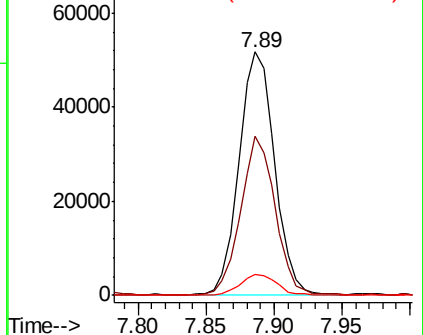
127 8.2 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 98.415 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015129.D

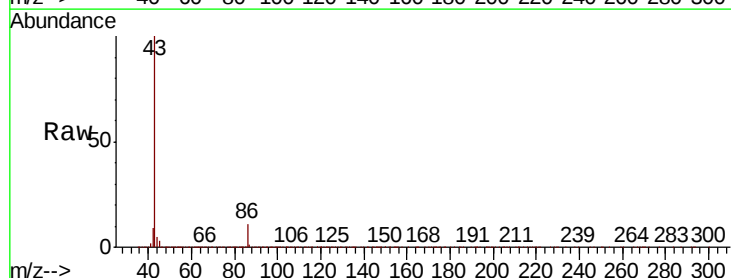
Acq: 06 Mar 2020 16:20

Tgt Ion: 43 Resp: 933317

Ion Ratio Lower Upper

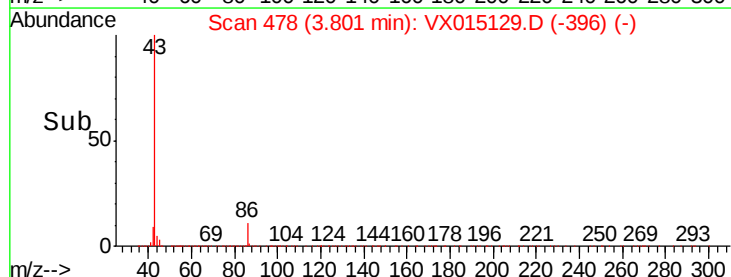
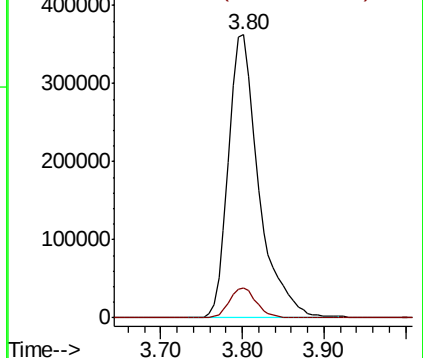
43 100

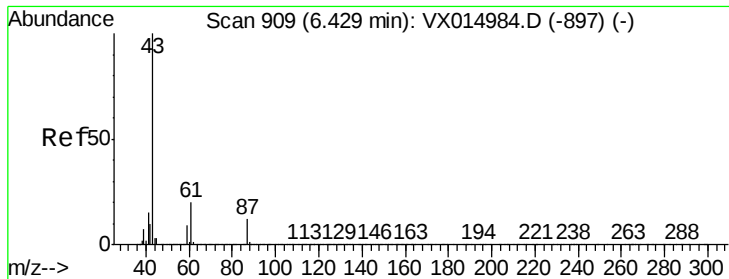
86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



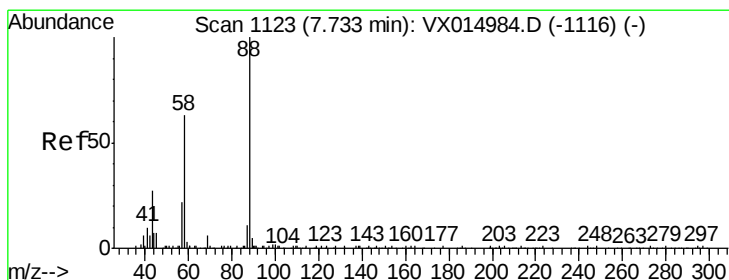
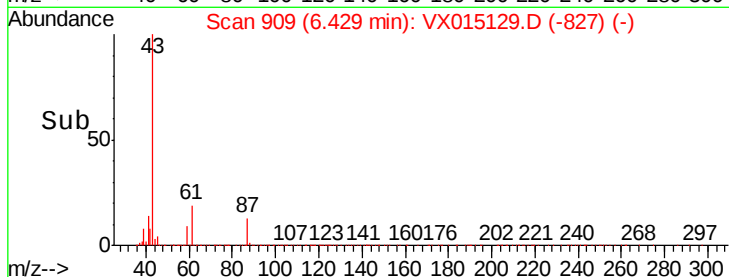
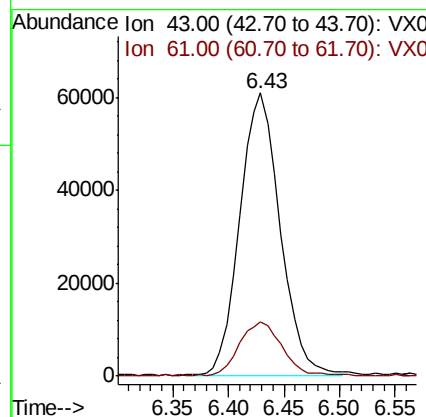
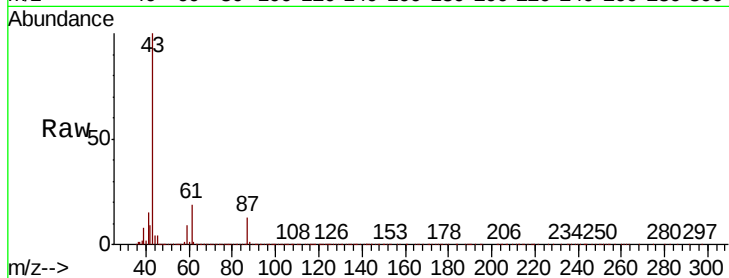


#44

Isopropyl Acetate
 Concen: 18.728 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :

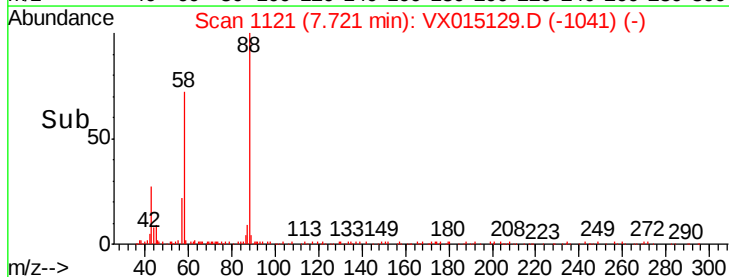
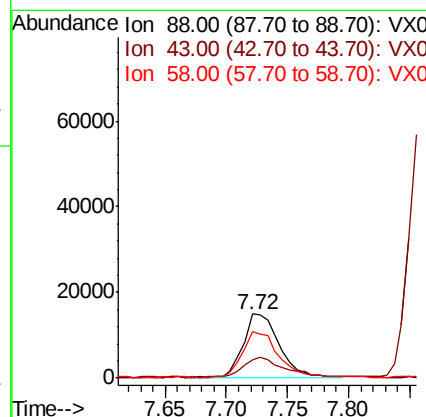
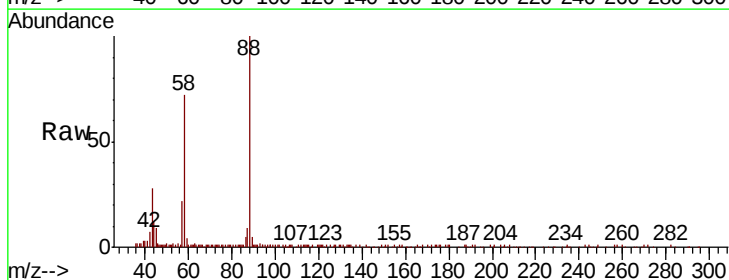
Tot Ion: 43 Resp: 153481
 Ion Ratio Lower Upper
 43 100
 61 19.7 15.6 23.4

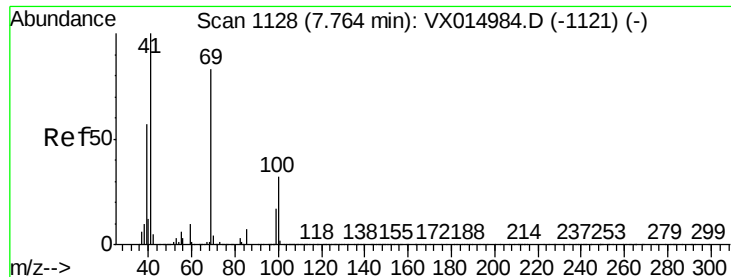


#45

1,4-Dioxane
 Concen: 398.450 ug/l
 RT: 7.72 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion: 88 Resp: 30173
 Ion Ratio Lower Upper
 88 100
 43 34.0 25.4 38.2
 58 70.4 55.8 83.8

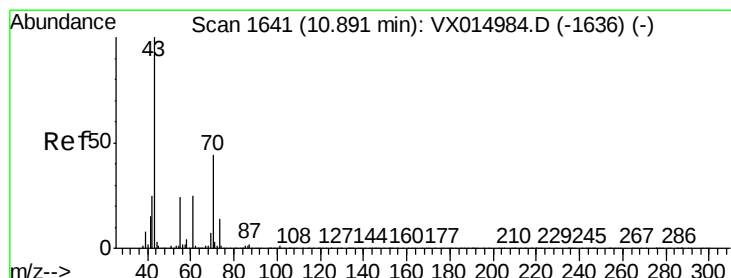
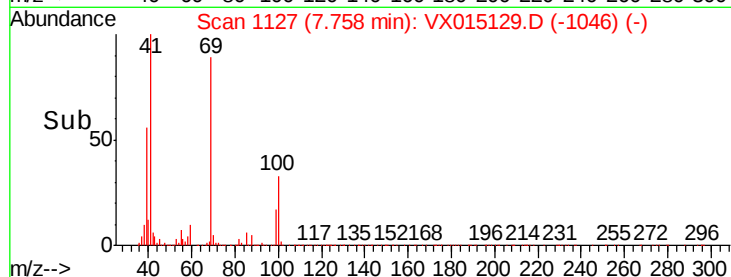
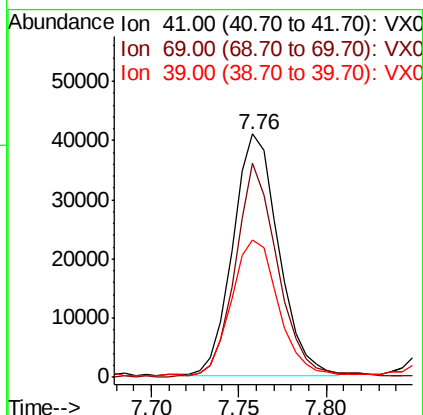
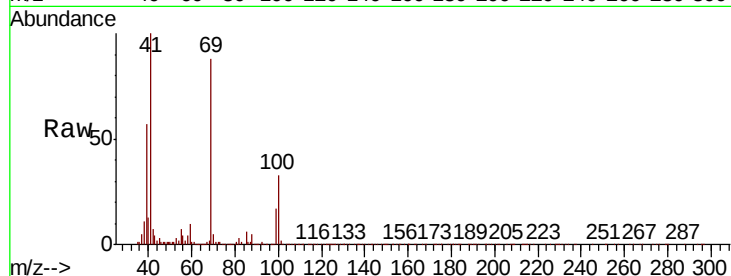




#46
Methyl methacrylate
Concen: 18.296 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

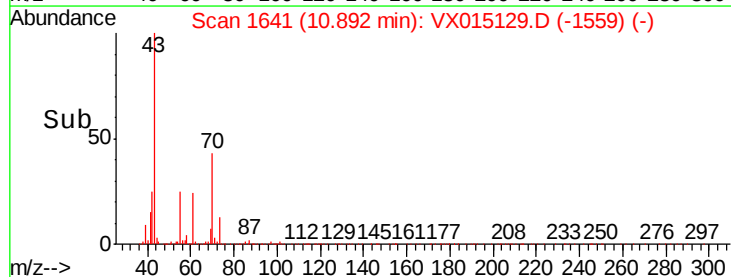
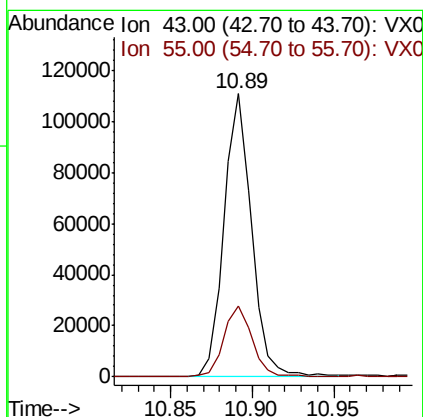
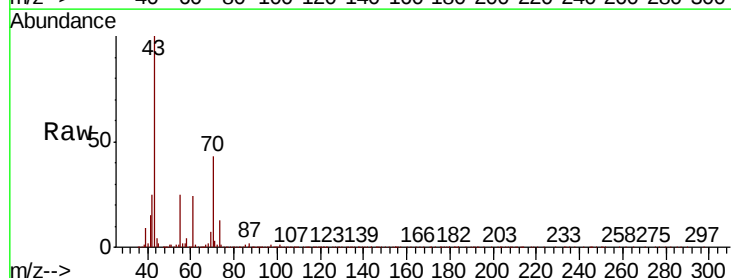
Instrument :
MSVOA_X
ClientSampled :

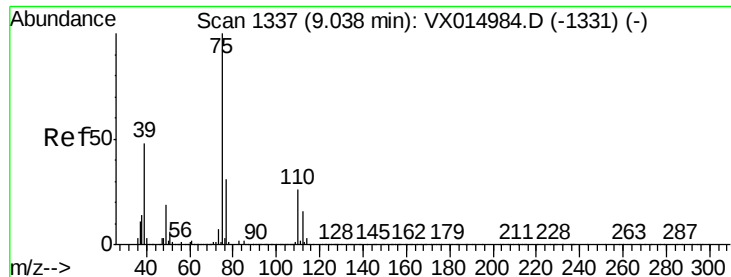
Tot Ion: 41 Resp: 74180
Ion Ratio Lower Upper
41 100
69 88.5 41.4 124.2
39 56.4 28.3 84.9



#47
n-ethyl acetate
Concen: 18.266 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 43 Resp: 129683
Ion Ratio Lower Upper
43 100
55 25.5 19.2 28.8





#48

t-1,3-Dichloropropene

Concen: 18.730 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

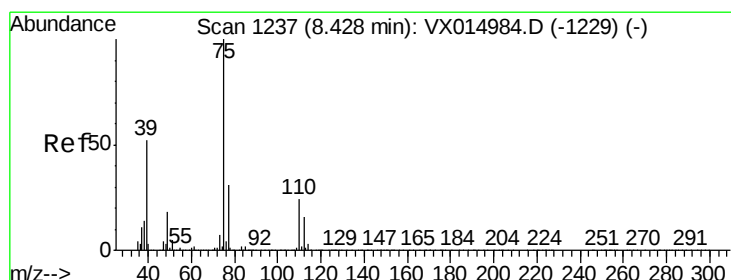
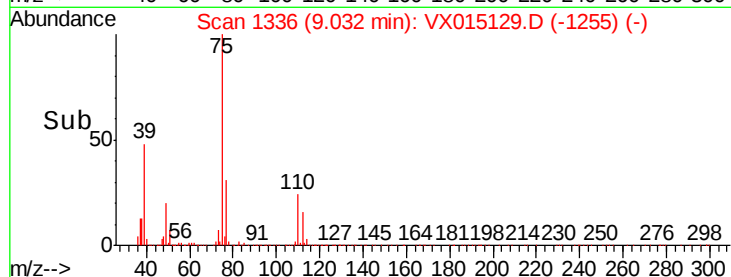
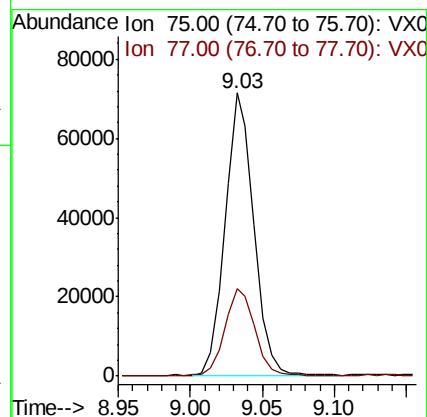
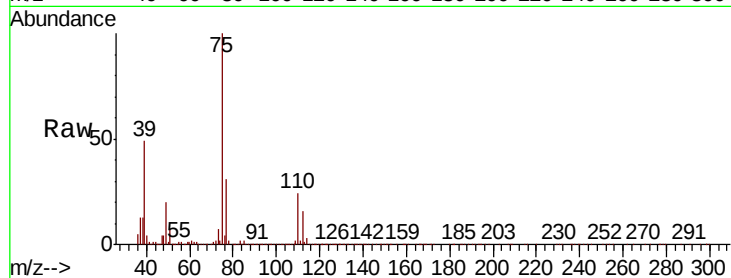
ClientSampleId :

Tot Ion: 75 Resp: 99376

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



#49

cis-1,3-Dichloropropene

Concen: 19.101 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

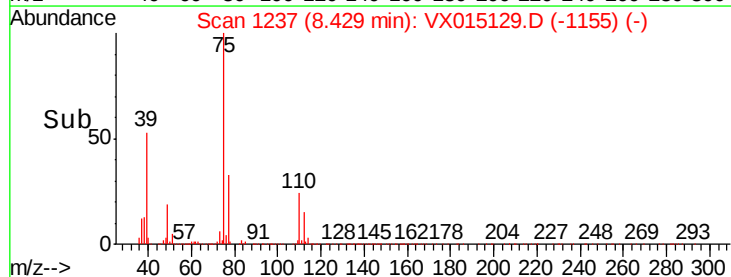
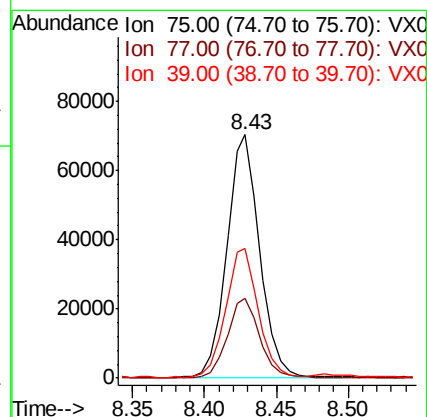
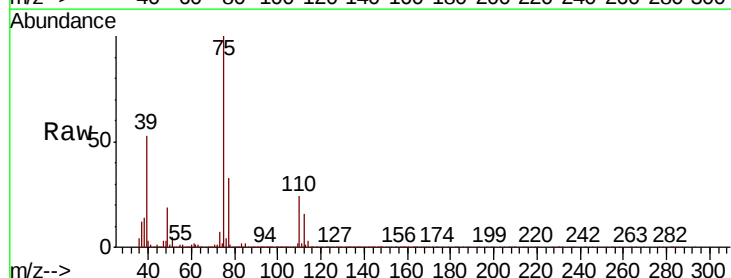
Tgt Ion: 75 Resp: 111577

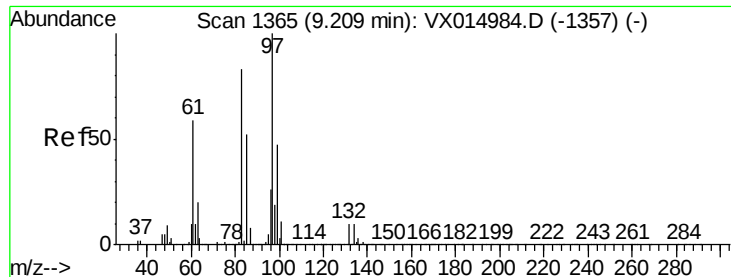
Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 53.1 41.5 62.3

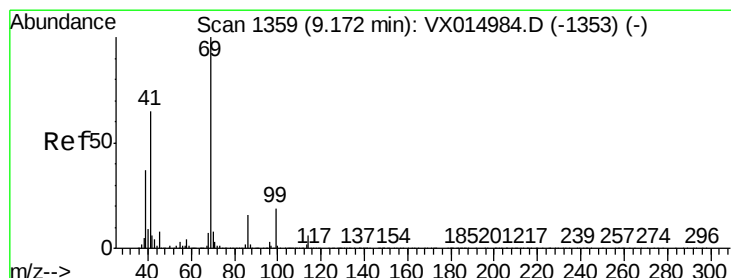
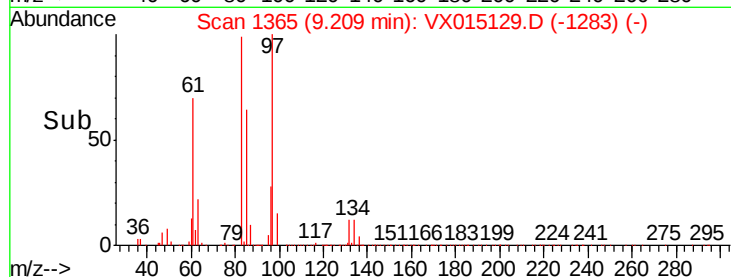
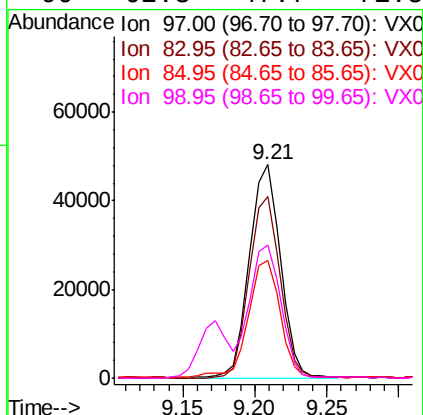
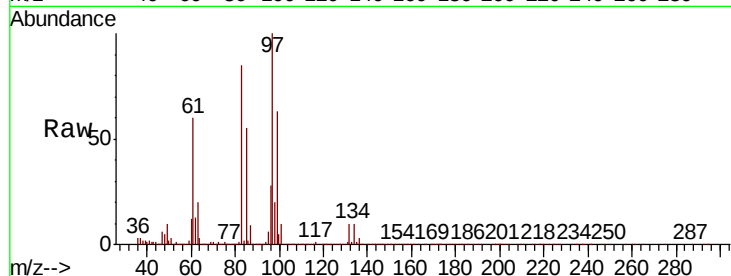




#50
 1,1,2-Trichloroethane
 Concen: 19.872 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

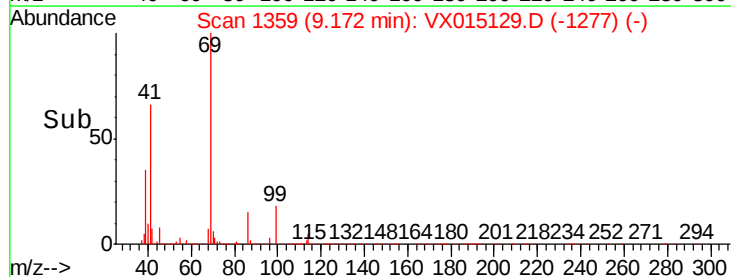
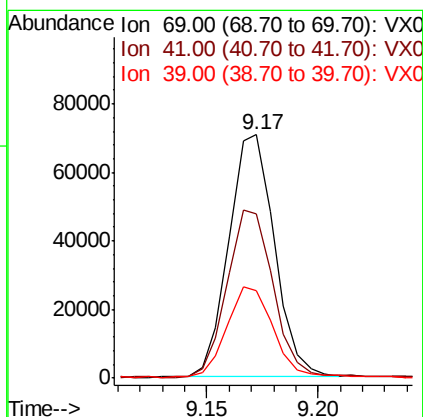
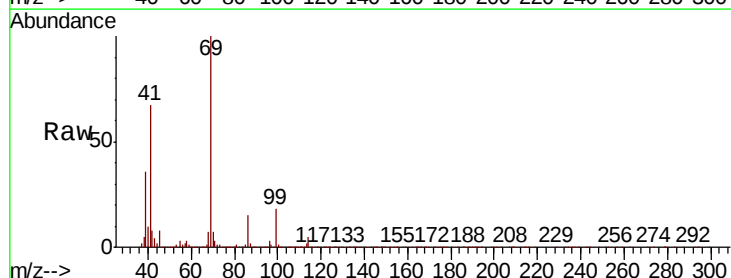
Instrument :
 MSVOA_X
 ClientSampleId :

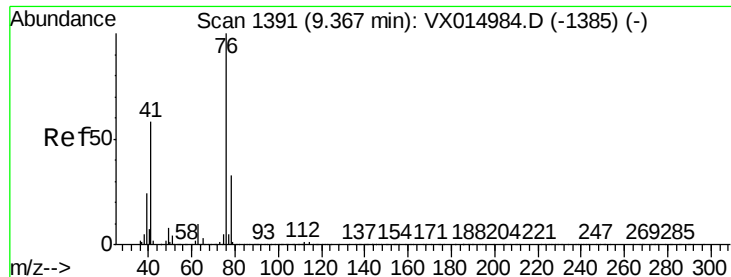
Tot Ion:	97	Resp:	71675
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.2	99.2
85	54.7	42.4	63.6
99	62.3	47.7	71.5



#51
 Ethyl methacrylate
 Concen: 18.033 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion:	69	Resp:	100387
Ion	Ratio	Lower	Upper
69	100		
41	67.1	32.7	98.1
39	35.5	18.2	54.6





#52

1,3-Dichloropropane

Concen: 19.903 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

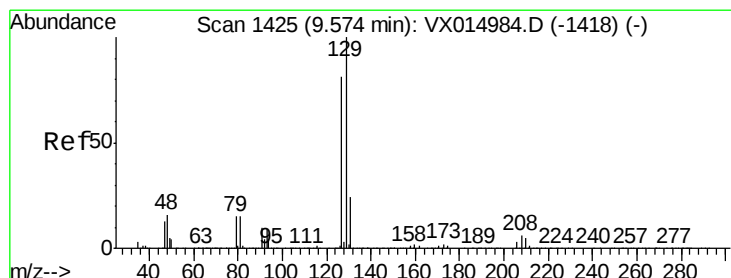
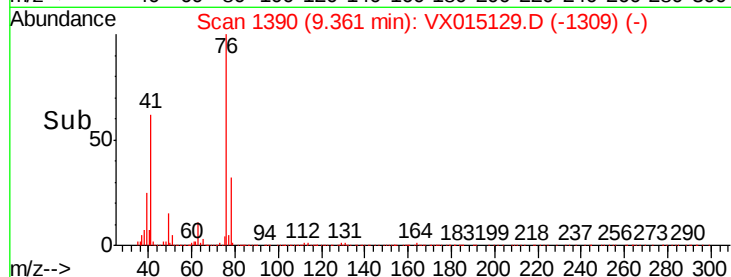
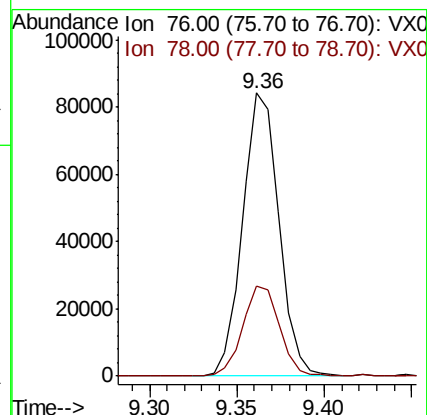
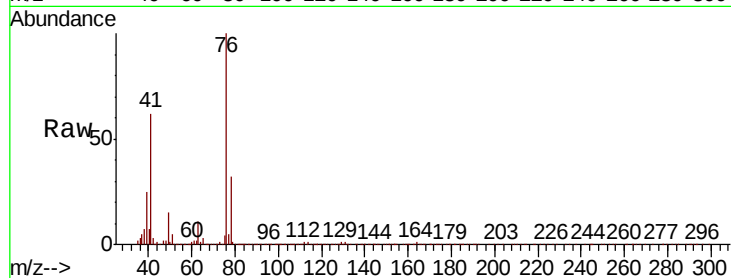
ClientSampleId :

Tot Ion: 76 Resp: 121440

Ion Ratio Lower Upper

76 100

78 32.0 0.0 65.0



#53

Dibromochloromethane

Concen: 18.847 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015129.D

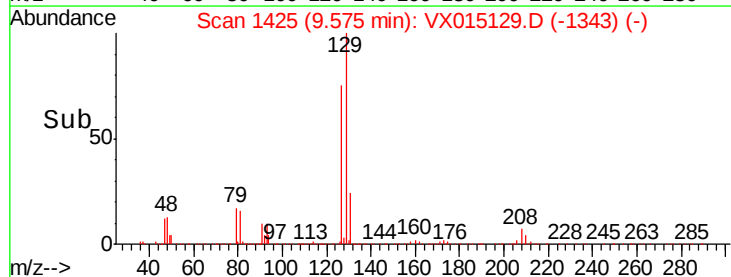
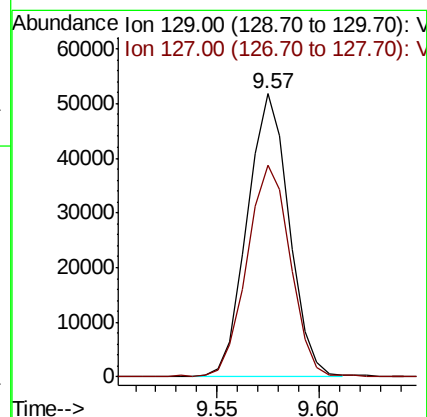
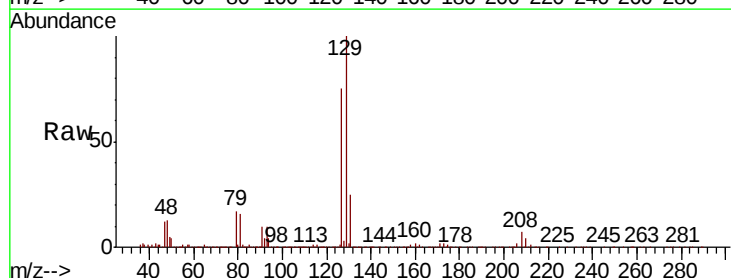
Acq: 06 Mar 2020 16:20

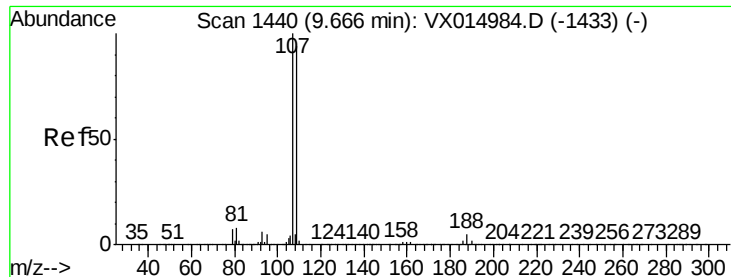
Tgt Ion: 129 Resp: 73497

Ion Ratio Lower Upper

129 100

127 77.6 38.3 114.9





#54

1,2-Dibromoethane

Concen: 19.336 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

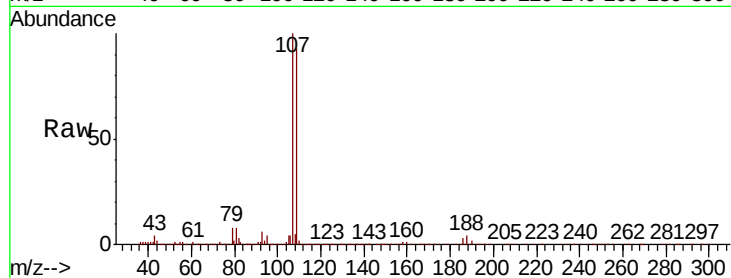
ClientSampleId :

Tot Ion:107 Resp: 74046

Ion Ratio Lower Upper

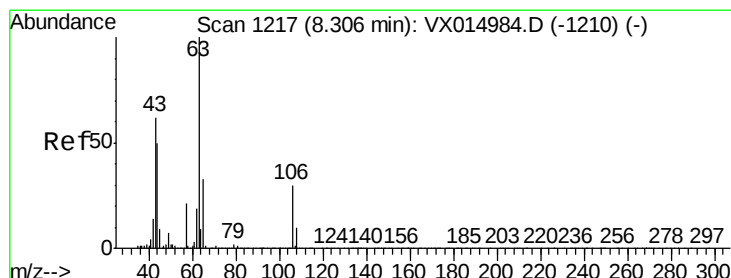
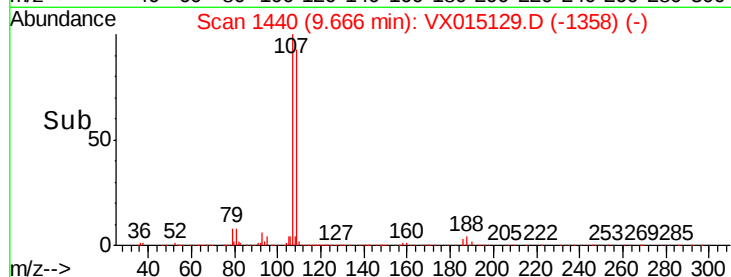
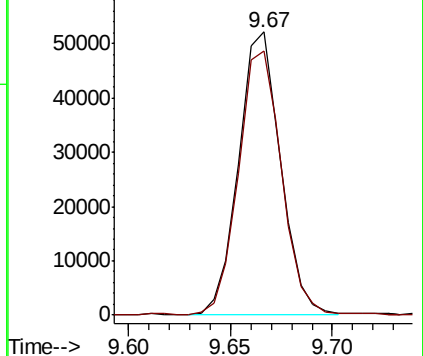
107 100

109 96.2 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 103.442 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

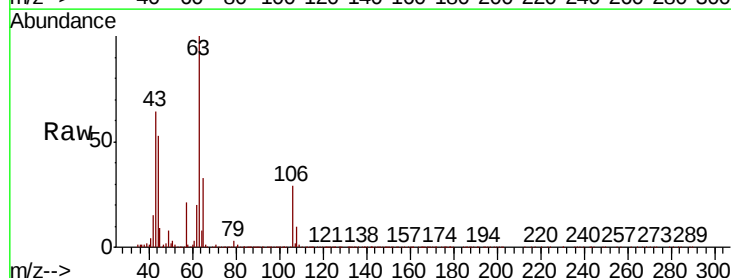
Tgt Ion: 63 Resp: 306747

Ion Ratio Lower Upper

63 100

65 32.0 26.0 39.0

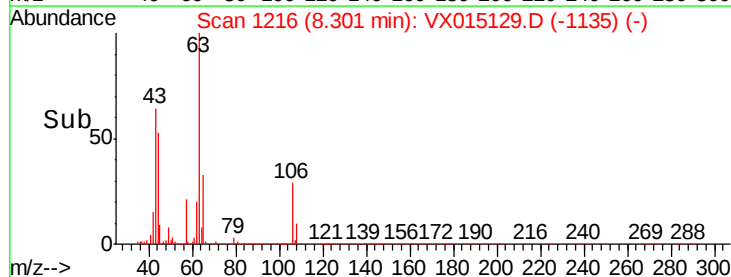
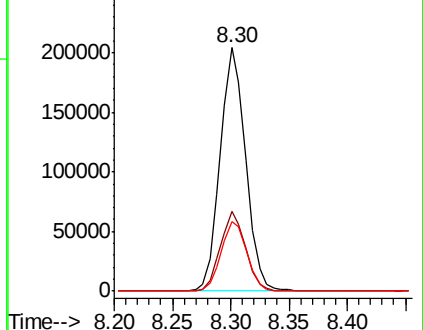
106 29.0 23.9 35.9

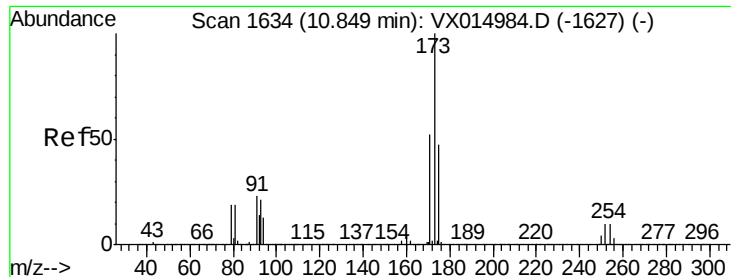


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

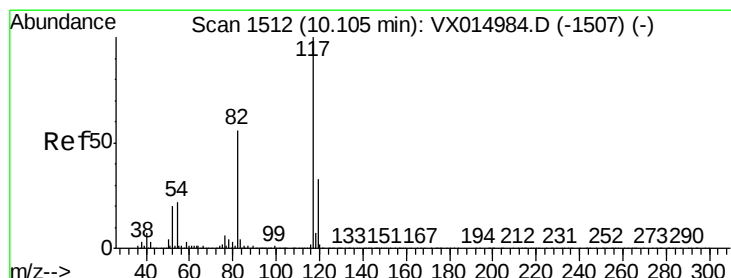
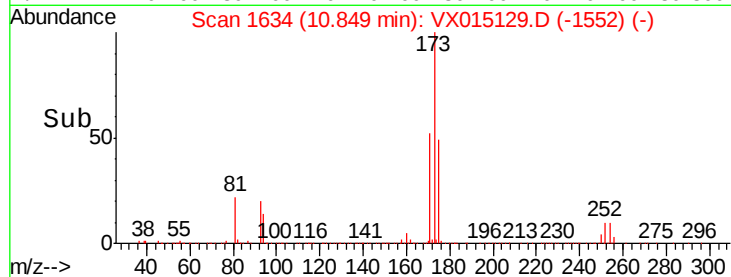
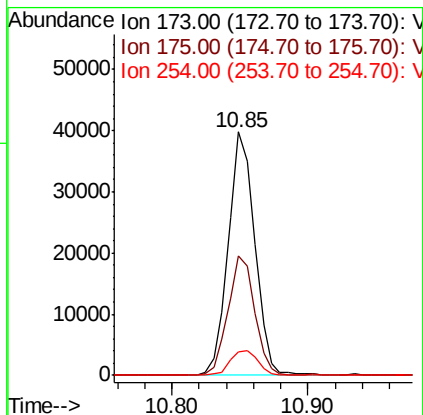
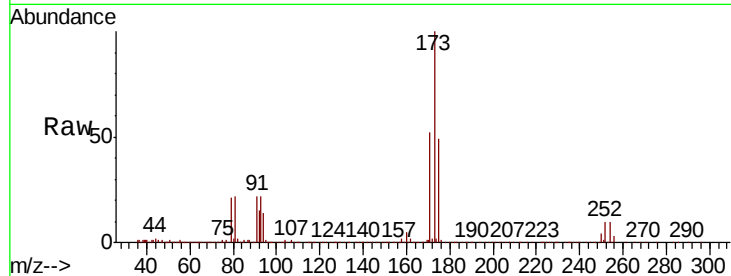




#56
Bromoform
Concen: 17.717 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

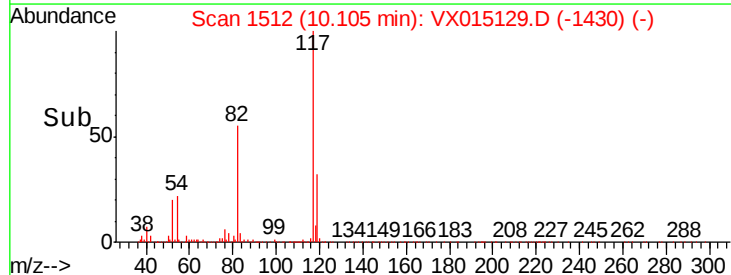
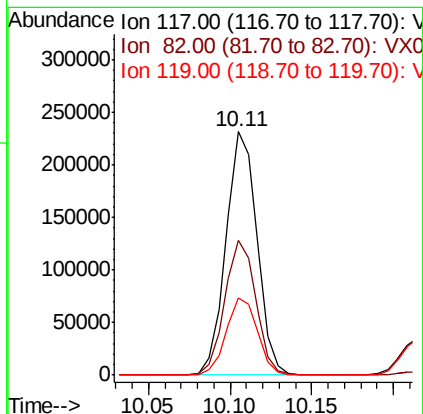
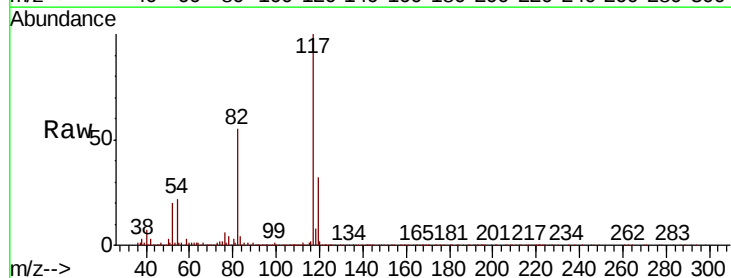
Instrument :
MSVOA_X
ClientSampleId :

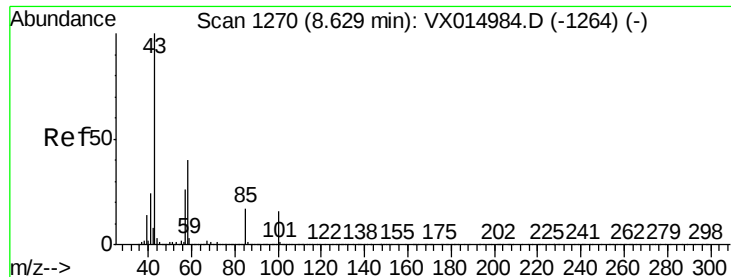
Tot Ion:173 Resp: 54160
Ion Ratio Lower Upper
173 100
175 48.4 38.6 57.8
254 10.8 8.6 13.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:117 Resp: 306533
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.2
119 32.1 26.0 39.0

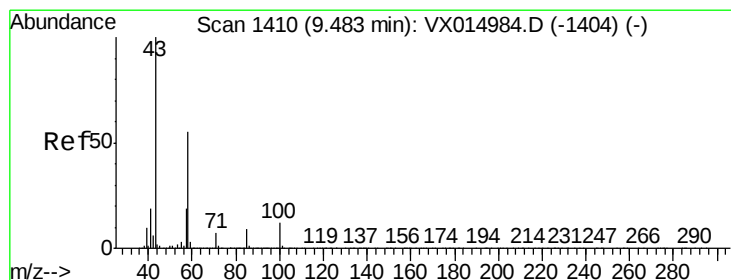
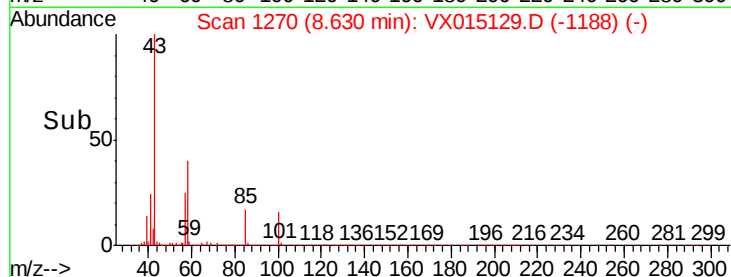
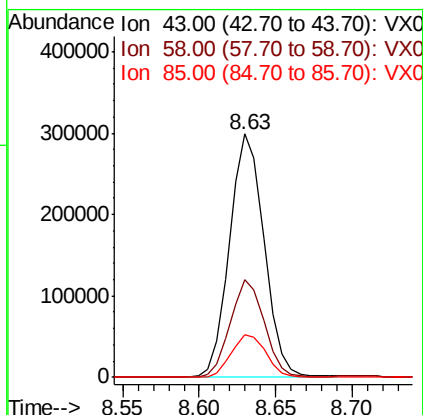
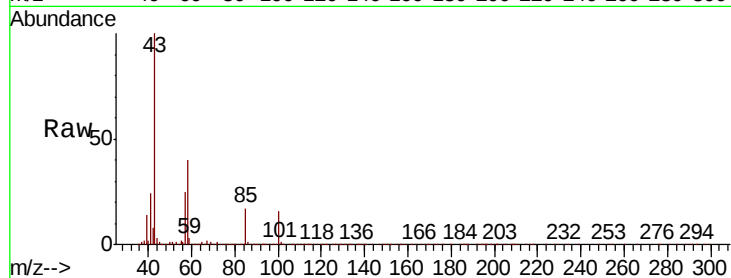




#58
4-Methyl-2-Pentanone
Concen: 93.199 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

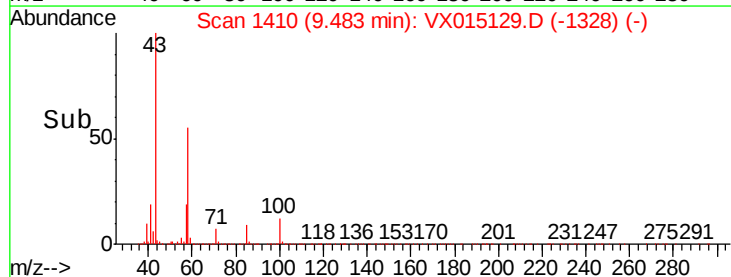
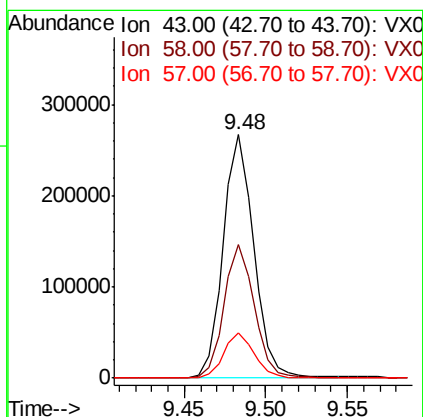
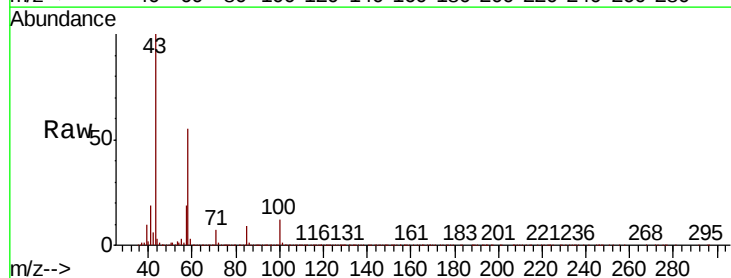
Instrument :
MSVOA_X
ClientSampleId :

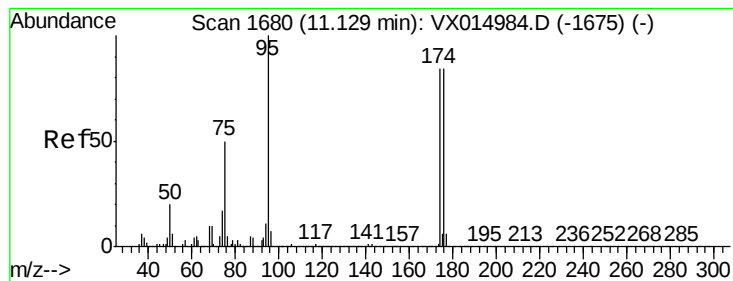
Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.7	47.5
85	17.8	14.4	21.6



#59
2-Hexanone
Concen: 88.888 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.1	66.1
57	18.6	15.3	22.9





#60

4-Bromofluorobenzene

Concen: 29.836 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampled :

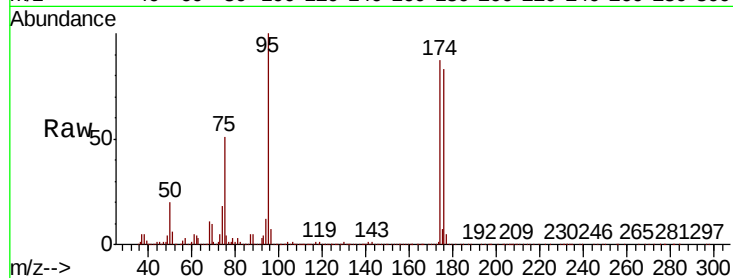
Tot Ion: 95 Resp: 142446

Ion Ratio Lower Upper

95 100

174 91.3 72.3 108.5

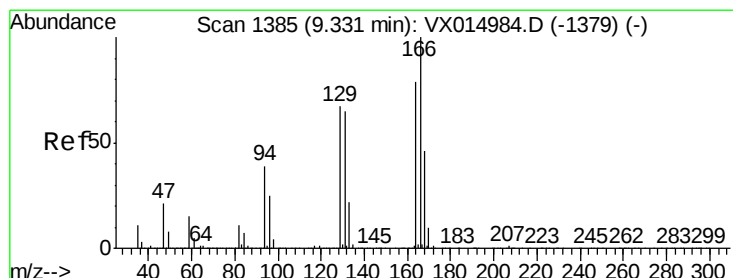
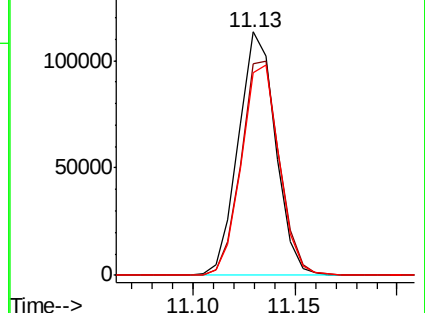
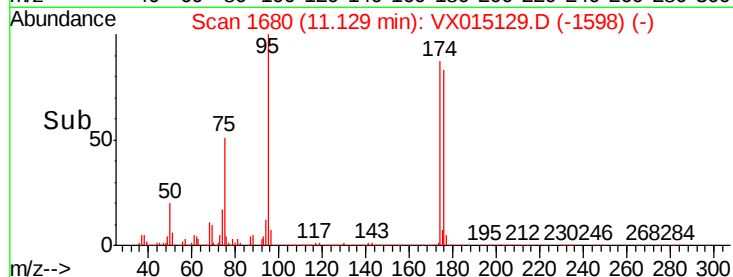
176 88.8 72.0 108.0



Abundance Ion 95.00 (94.70 to 95.70): VX015129.D (-1598) (-)

Ion 174.00 (173.70 to 174.70): VX015129.D (-1598) (-)

Ion 176.00 (175.70 to 176.70): VX015129.D (-1598) (-)



#61

Tetrachloroethene

Concen: 18.690 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion: 164 Resp: 76951

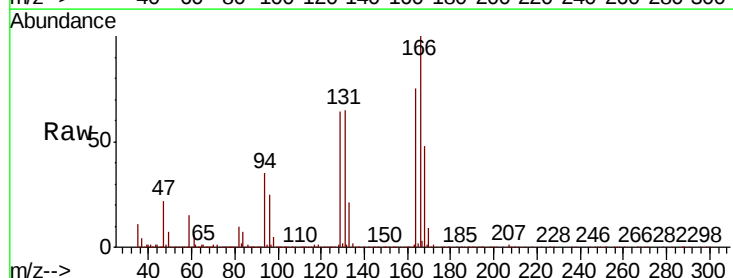
Ion Ratio Lower Upper

164 100

166 133.1 101.2 151.8

129 84.8 67.6 101.4

131 86.3 66.0 99.0

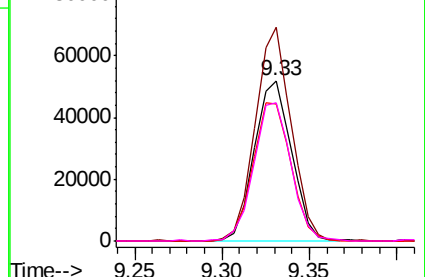
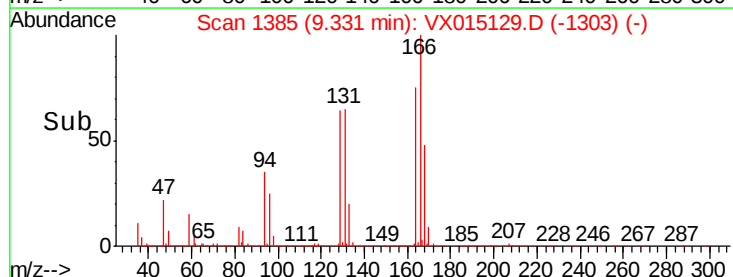


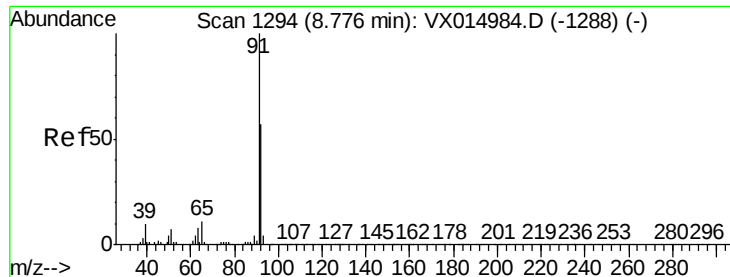
Abundance Ion 163.85 (163.55 to 164.55): VX015129.D (-1303) (-)

Ion 165.80 (165.50 to 166.50): VX015129.D (-1303) (-)

Ion 128.90 (128.60 to 129.60): VX015129.D (-1303) (-)

Ion 130.90 (130.60 to 131.60): VX015129.D (-1303) (-)





#62

Toluene

Concen: 19.018 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

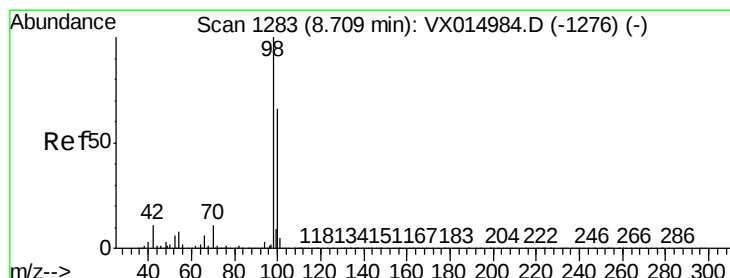
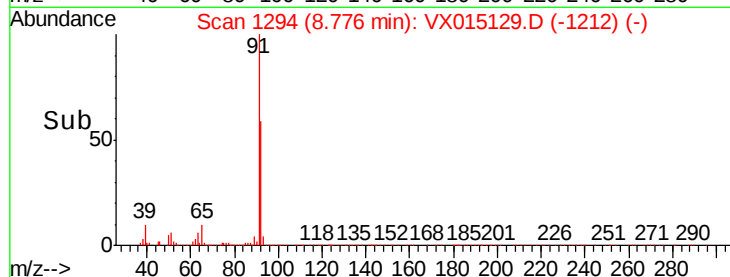
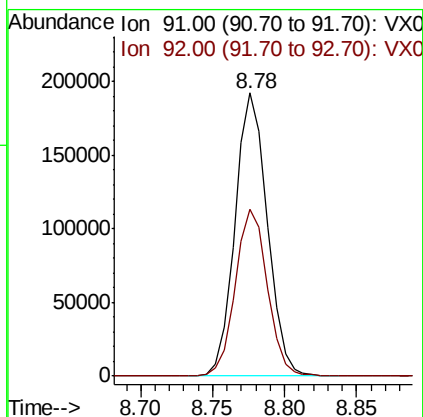
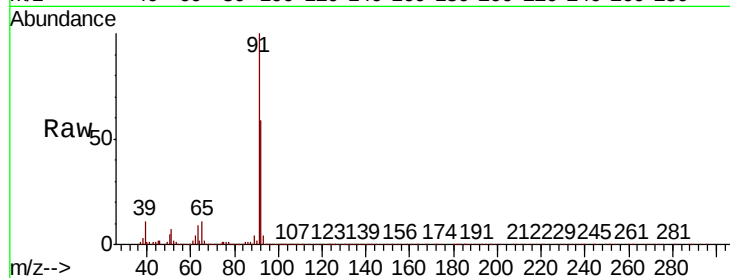
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 298606

Ion Ratio Lower Upper

91 100

92 58.6 46.6 69.8



#63

Toluene-d8

Concen: 30.219 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015129.D

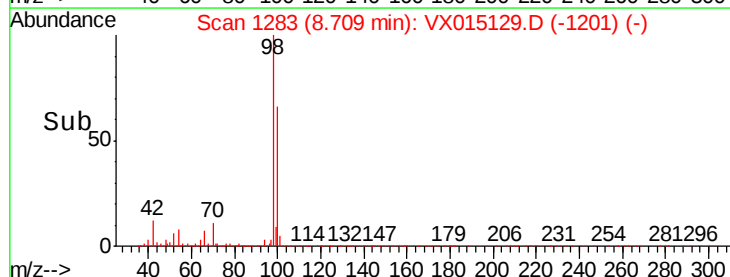
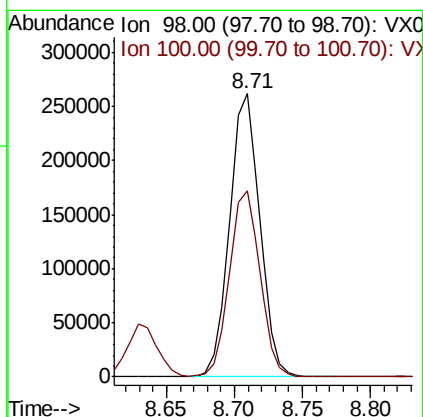
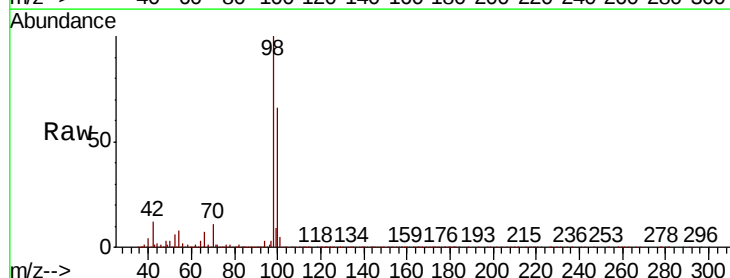
Acq: 06 Mar 2020 16:20

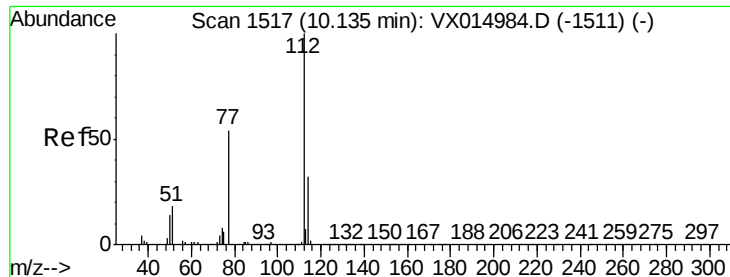
Tgt Ion: 98 Resp: 403948

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2





#64

Chlorobenzene

Concen: 18.918 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

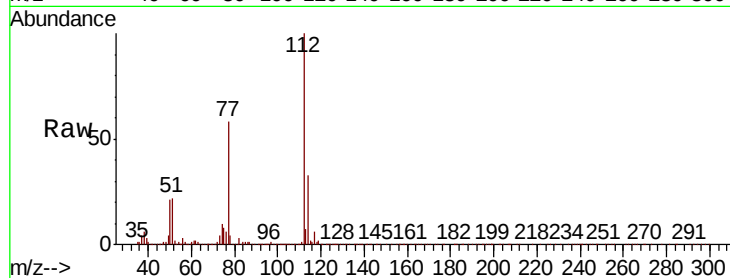
ClientSampled :

Tot Ion:112 Resp: 189595

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

150000

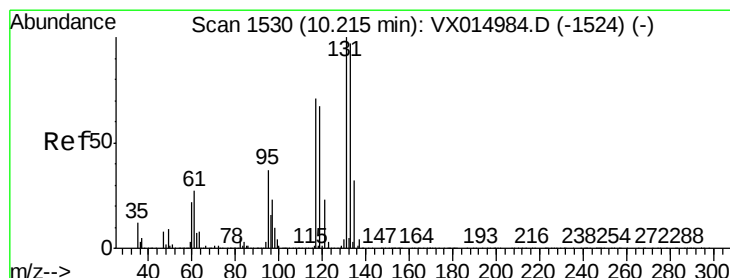
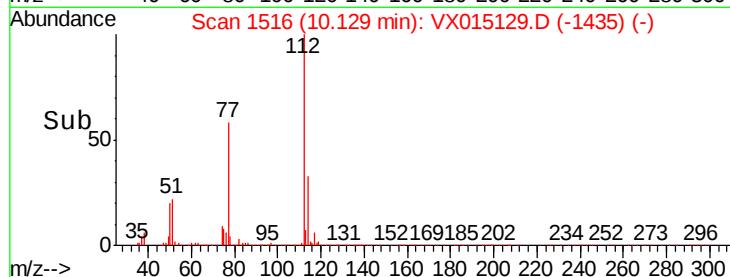
100000

50000

0

10.10 10.15

Time-->



#65

1,1,1,2-Tetrachloroethane

Concen: 18.934 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

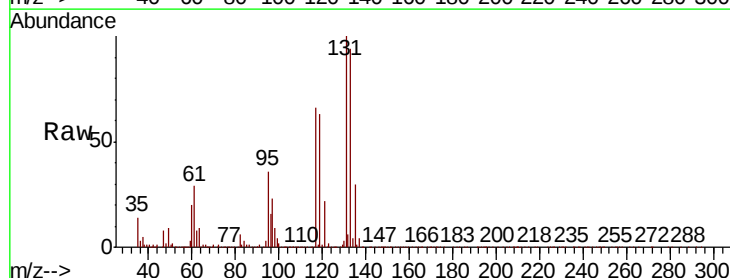
Tgt Ion:131 Resp: 70284

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.4

119 64.5 0.0 132.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

60000

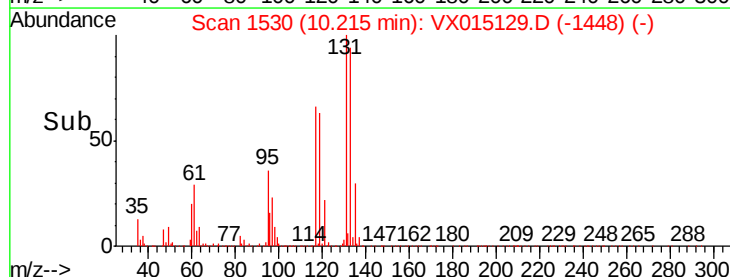
40000

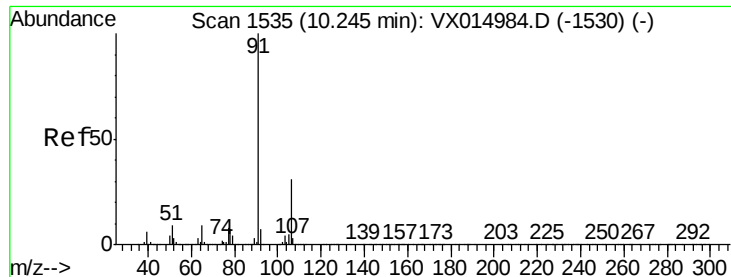
20000

0

10.15 10.20 10.25

Time-->





#66

Ethyl Benzene

Concen: 18.861 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

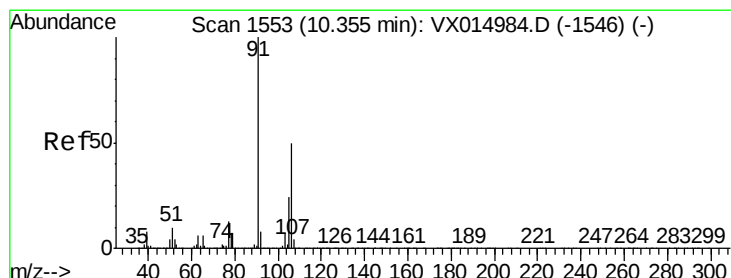
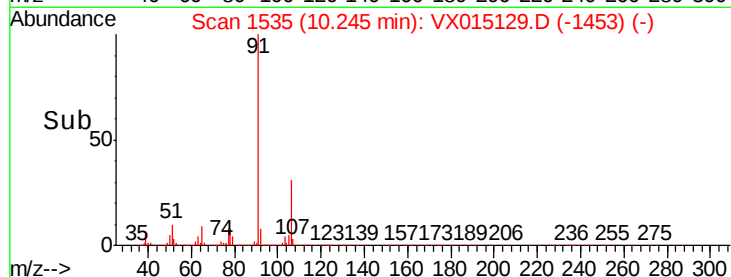
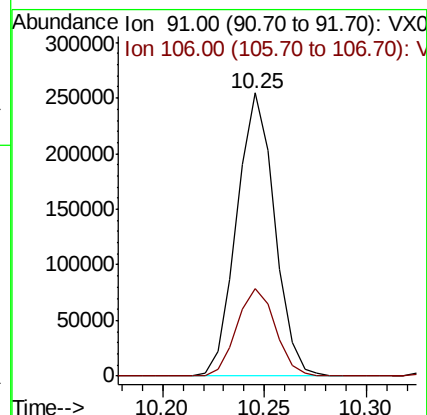
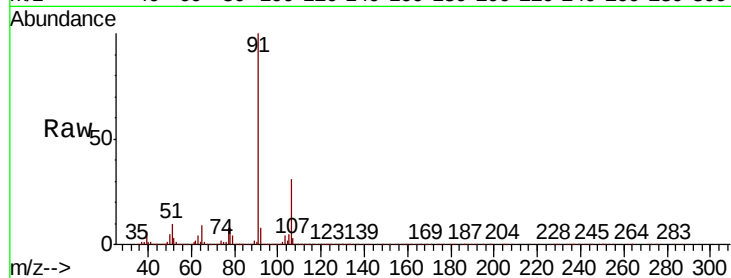
ClientSampled :

Tot Ion: 91 Resp: 326219

Ion Ratio Lower Upper

91 100

106 31.1 24.7 37.1



#67

m/p-Xylenes

Concen: 37.960 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015129.D

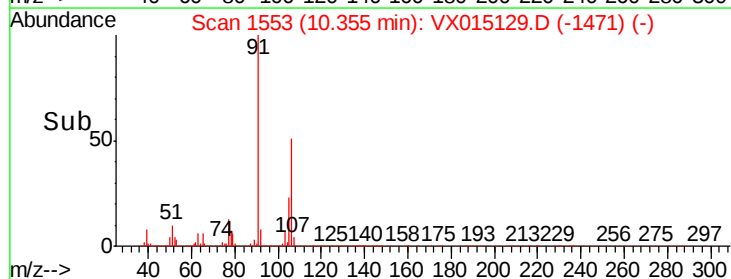
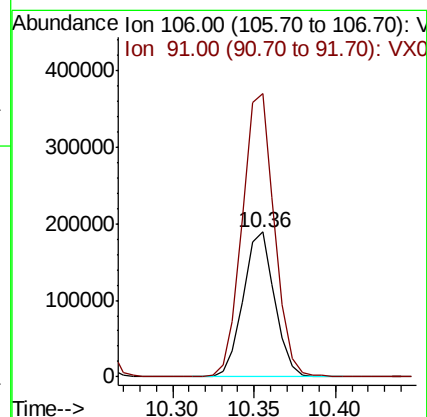
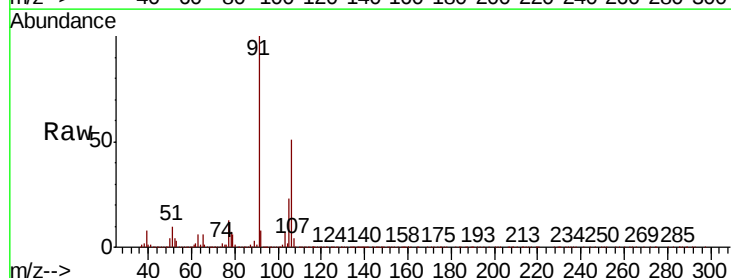
Acq: 06 Mar 2020 16:20

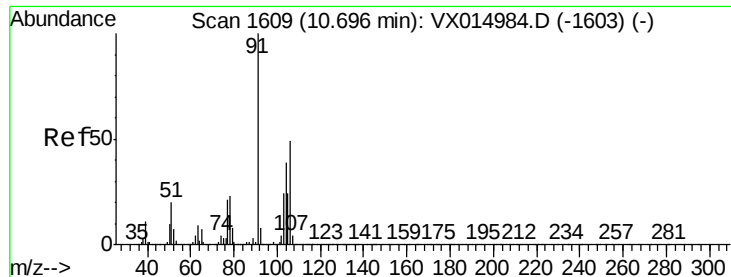
Tgt Ion: 106 Resp: 253170

Ion Ratio Lower Upper

106 100

91 199.8 160.4 240.6

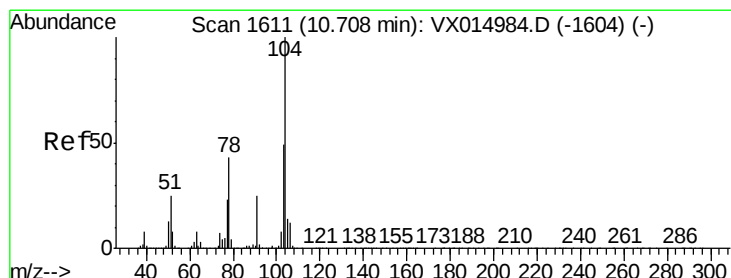
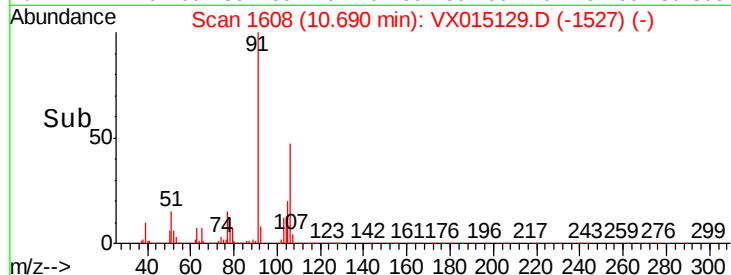
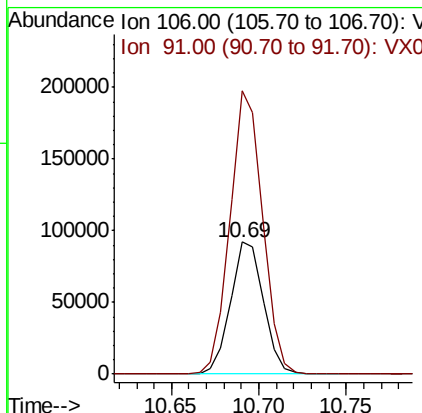
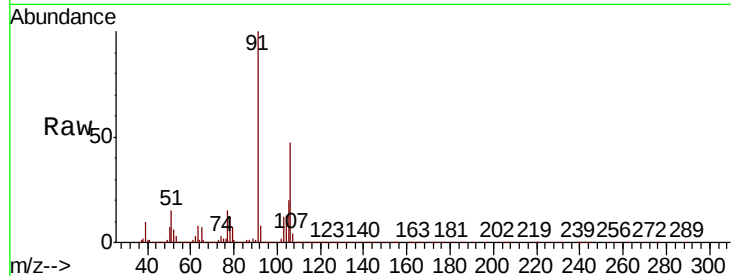




#68
o-Xylene
Concen: 18.697 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

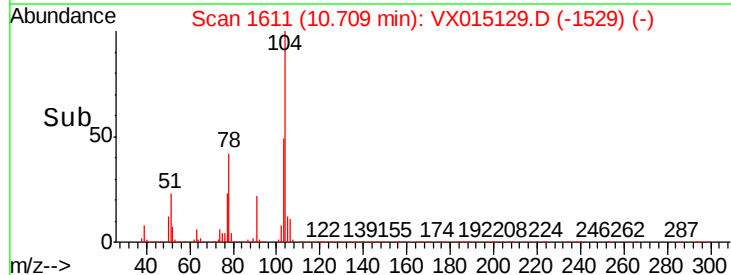
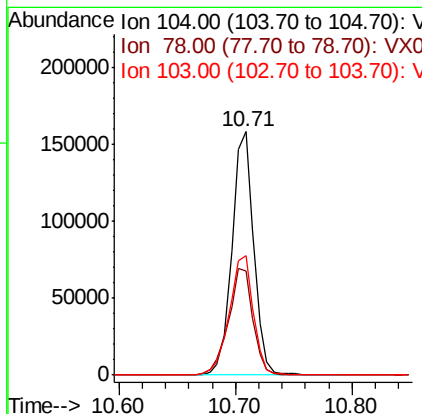
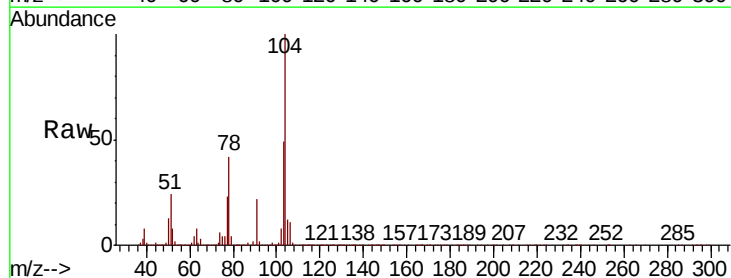
Instrument :
MSVOA_X
ClientSampleId :

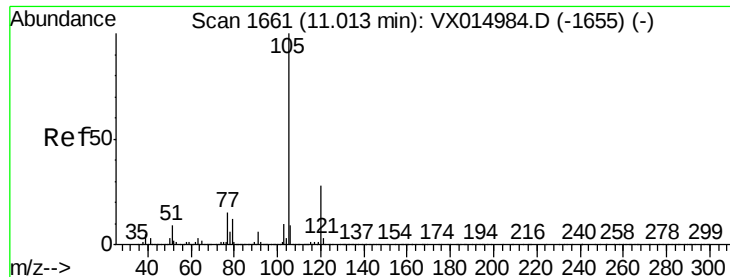
Tot Ion:106 Resp: 120657
Ion Ratio Lower Upper
106 100
91 211.2 105.3 315.9



#69
Styrene
Concen: 18.722 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:104 Resp: 206345
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.2
103 53.7 42.9 64.3





#70

Isopropylbenzene

Concen: 18.986 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

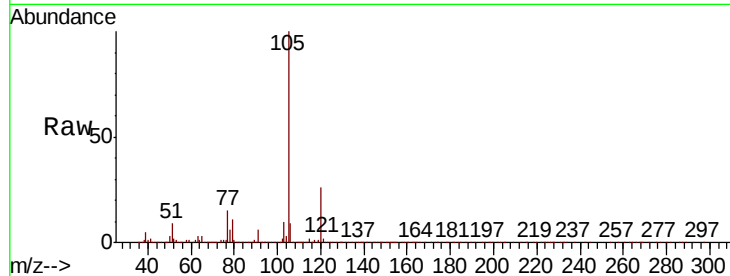
ClientSampleId :

Tot Ion:105 Resp: 325450

Ion Ratio Lower Upper

105 100

120 26.7 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

250000

200000

150000

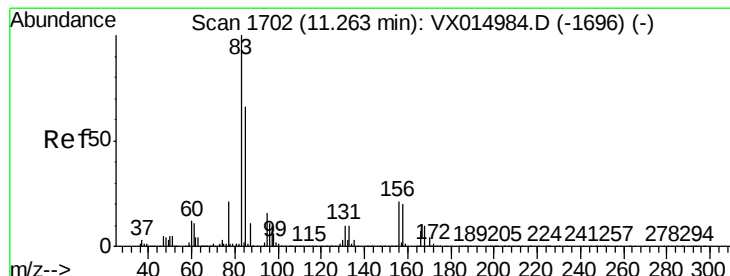
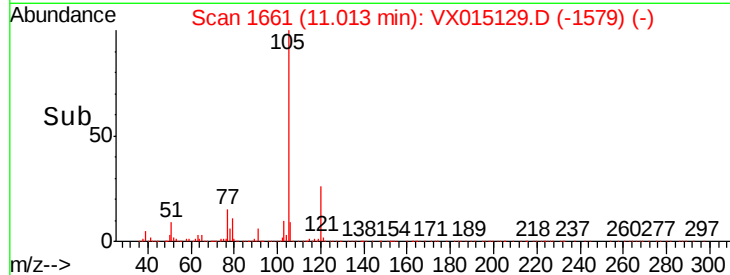
100000

50000

0

Time-->

10.95 11.00 11.05



#71

1,1,2,2-Tetrachloroethane

Concen: 19.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

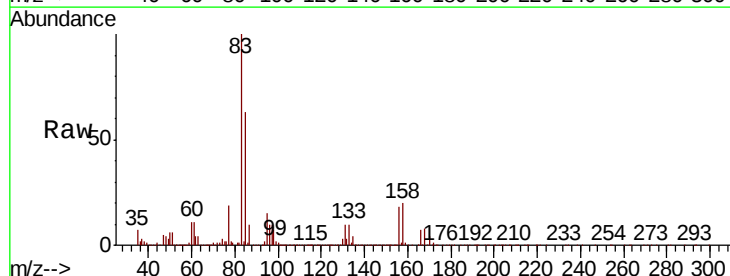
Tgt Ion: 83 Resp: 105827

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 63.3 32.2 96.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

11.26

100000

80000

60000

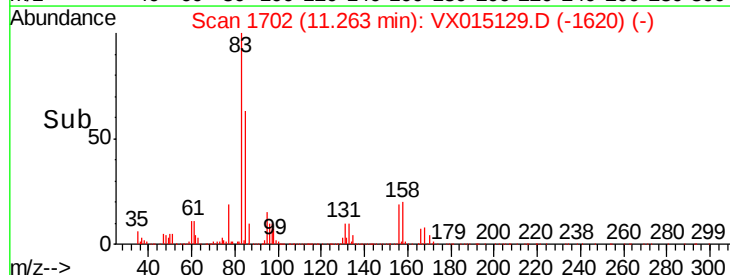
40000

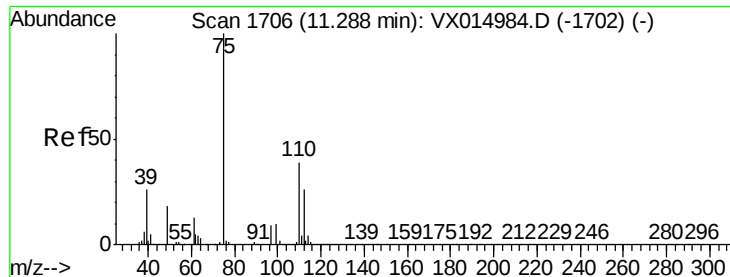
20000

0

Time-->

11.20 11.25 11.30 11.35





#72

1,2,3-Trichloropropane

Concen: 25.268 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

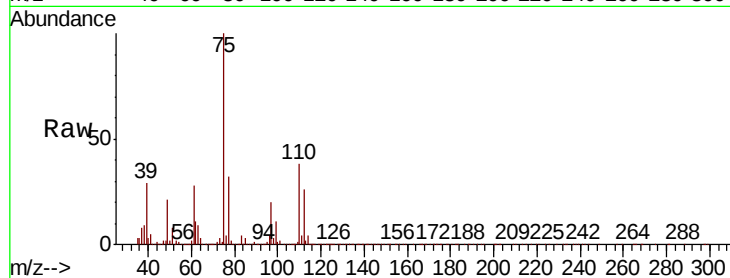
ClientSampled :

Tot Ion: 75 Resp: 115678

Ion Ratio Lower Upper

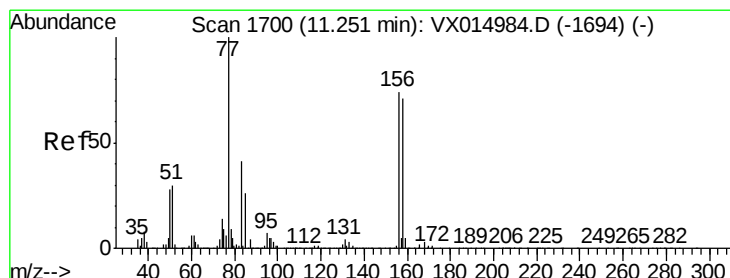
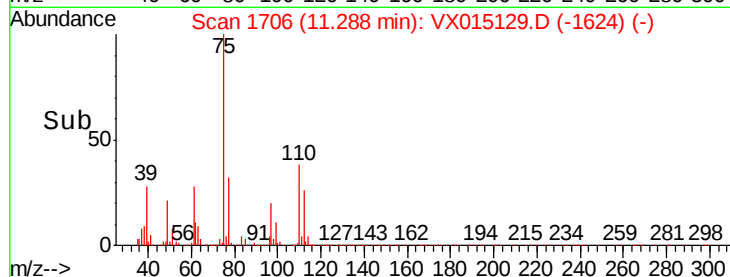
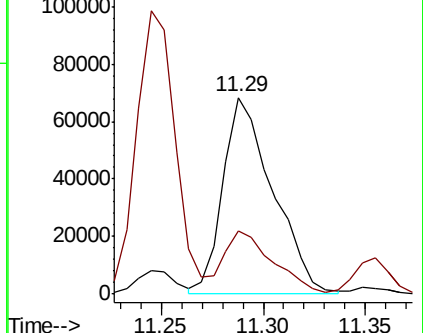
75 100

77 31.9 0.0 75.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 18.724 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

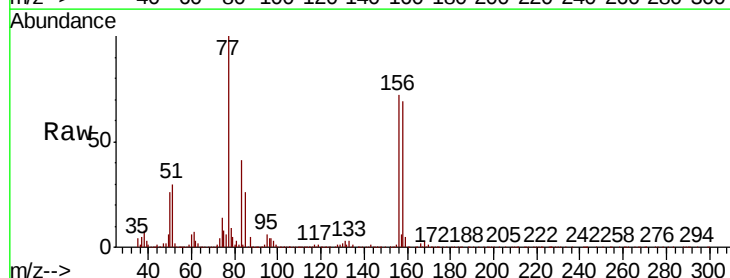
Tgt Ion: 156 Resp: 86725

Ion Ratio Lower Upper

156 100

77 148.7 0.0 286.8

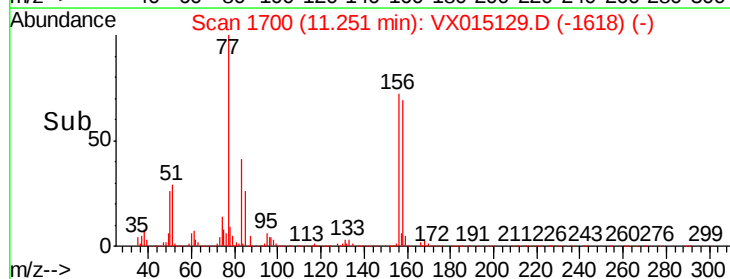
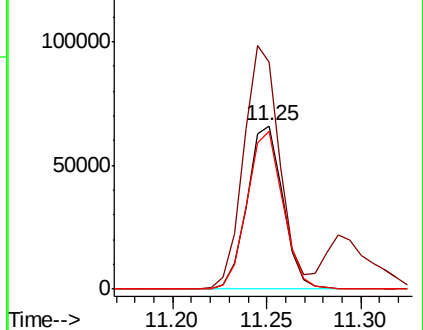
158 96.7 0.0 191.8

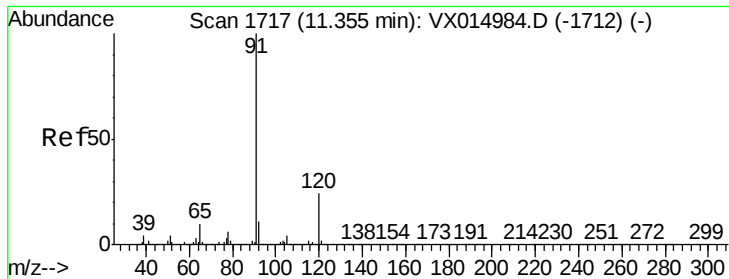


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 19.100 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

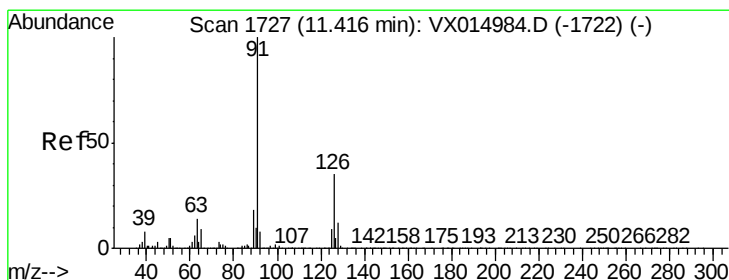
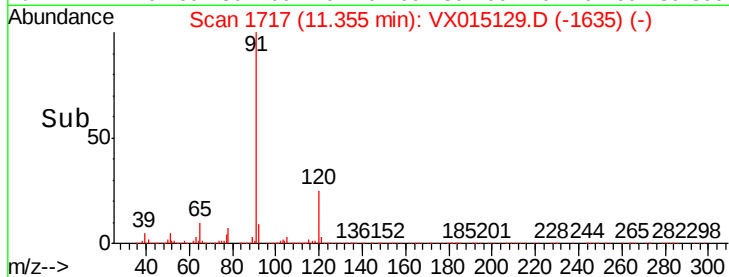
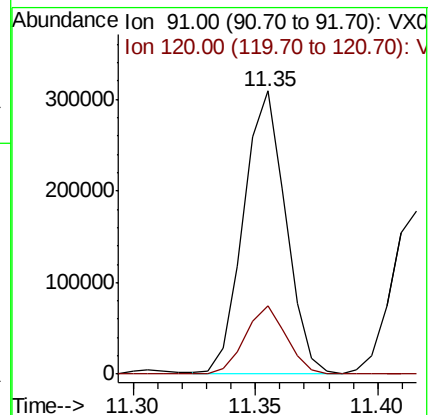
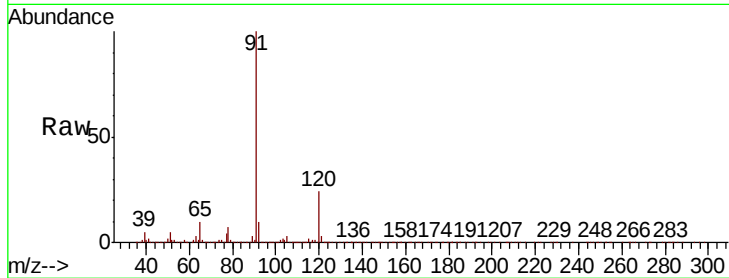
ClientSampleId :

Tot Ion: 91 Resp: 372638

Ion Ratio Lower Upper

91 100

120 23.6 0.0 47.0



#75

2-Chlorotoluene

Concen: 19.299 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015129.D

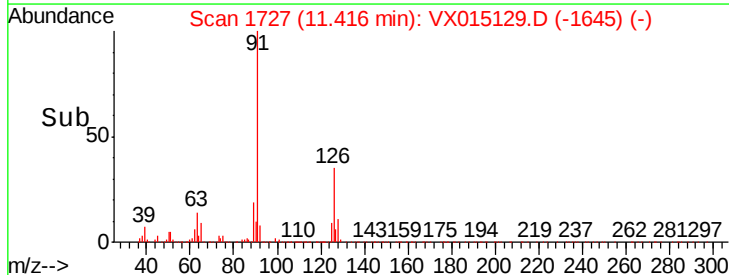
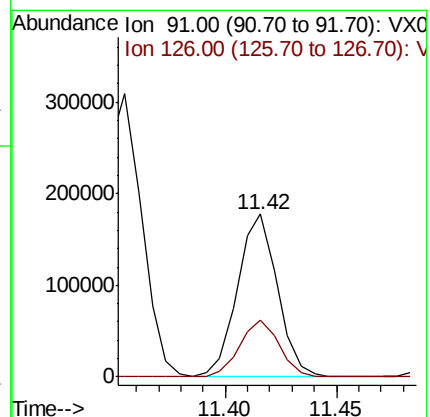
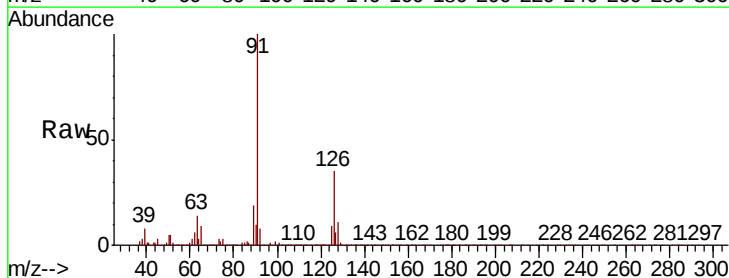
Acq: 06 Mar 2020 16:20

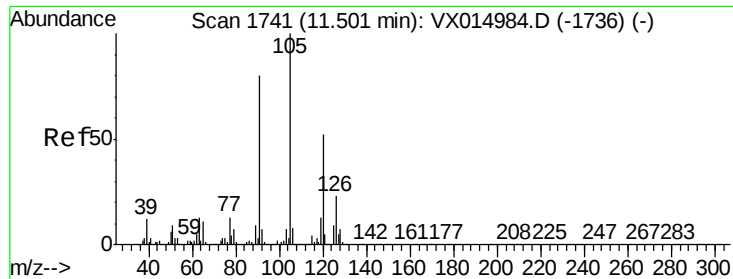
Tgt Ion: 91 Resp: 222498

Ion Ratio Lower Upper

91 100

126 34.5 0.0 69.0

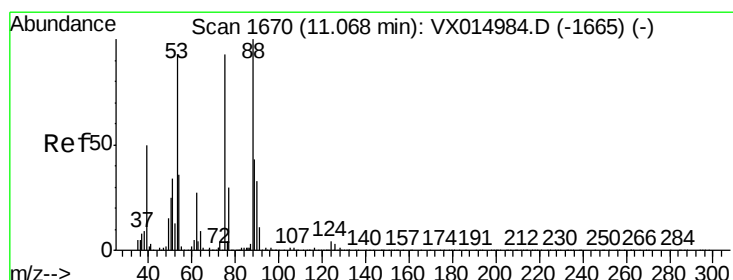
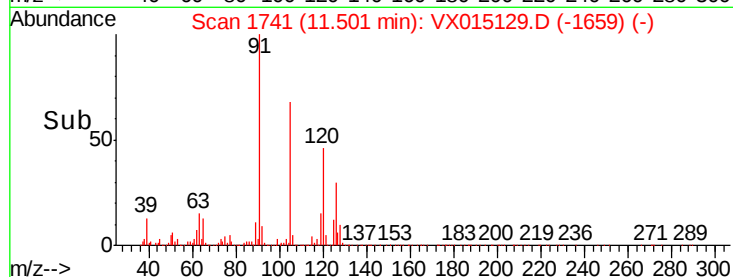
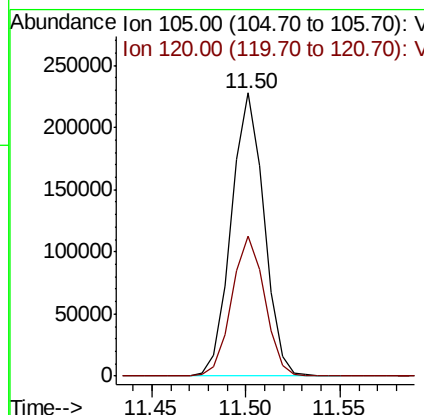
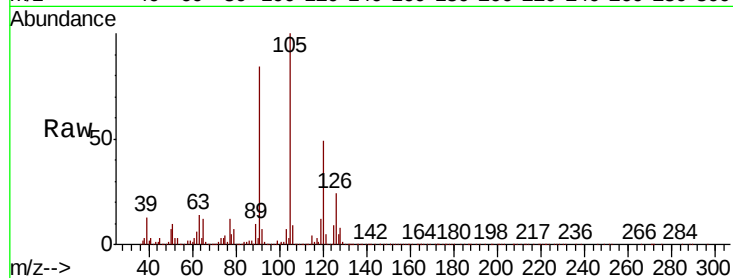




#76
 1,3,5-Trimethylbenzene
 Concen: 19.075 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

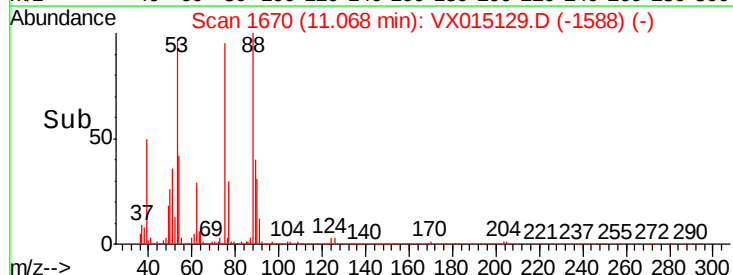
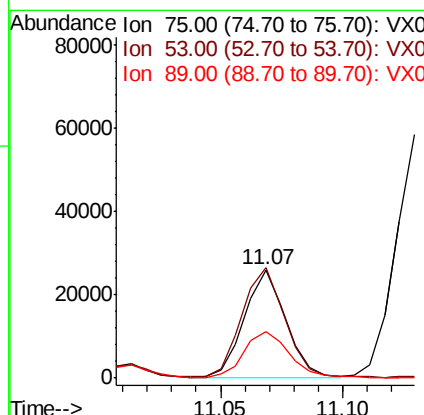
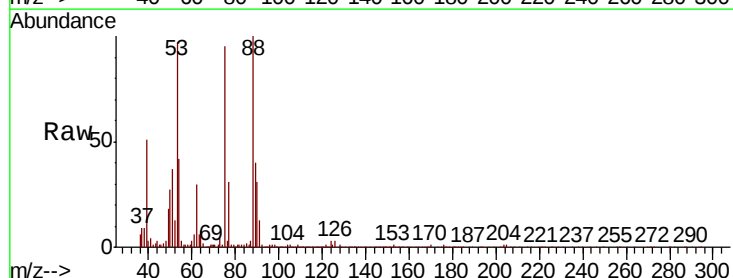
Instrument :
 MSVOA_X
 ClientSampleId :

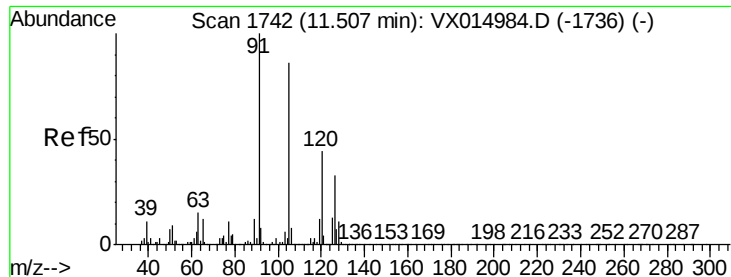
Tot Ion:105 Resp: 274026
 Ion Ratio Lower Upper
 105 100
 120 49.8 0.0 101.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 16.356 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion: 75 Resp: 30193
 Ion Ratio Lower Upper
 75 100
 53 102.0 50.0 149.8
 89 41.9 23.5 70.5





#78

4-Chlorotoluene

Concen: 19.325 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

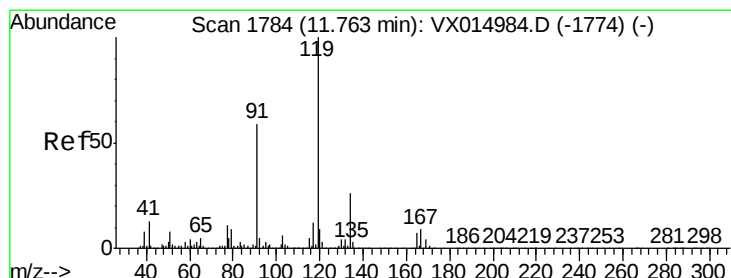
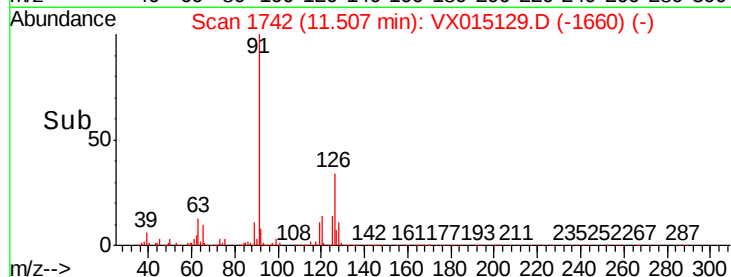
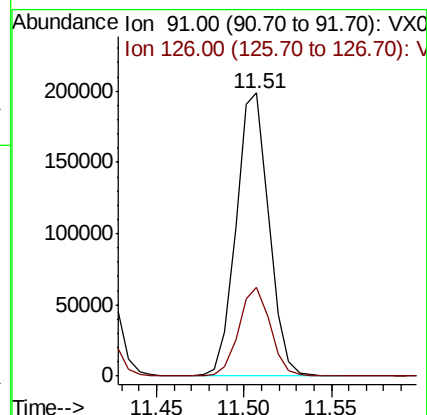
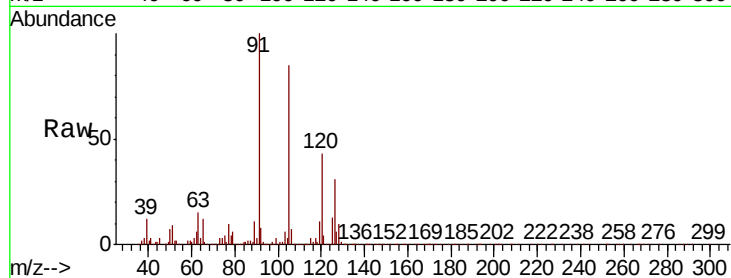
ClientSampleId :

Tot Ion: 91 Resp: 257714

Ion Ratio Lower Upper

91 100

126 30.2 0.0 62.0



#79

tert-butylbenzene

Concen: 18.840 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

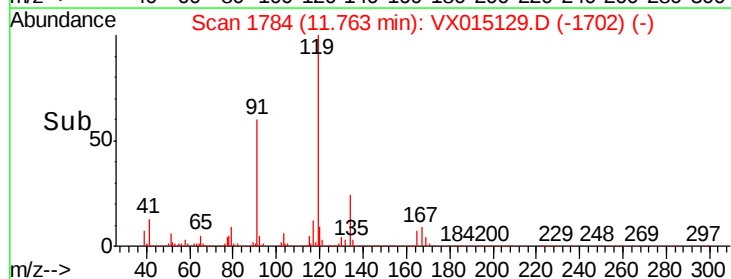
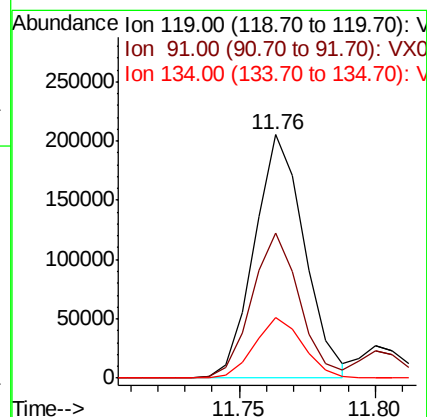
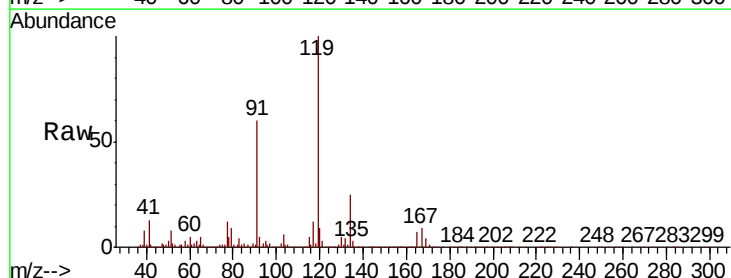
Tgt Ion: 119 Resp: 261477

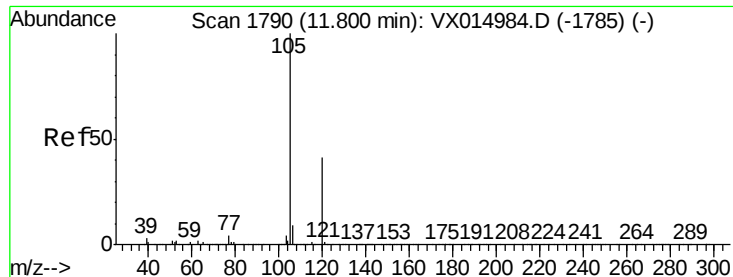
Ion Ratio Lower Upper

119 100

91 56.9 0.0 114.4

134 24.1 0.0 48.8

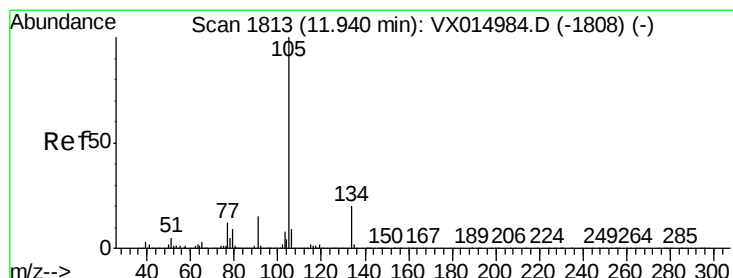
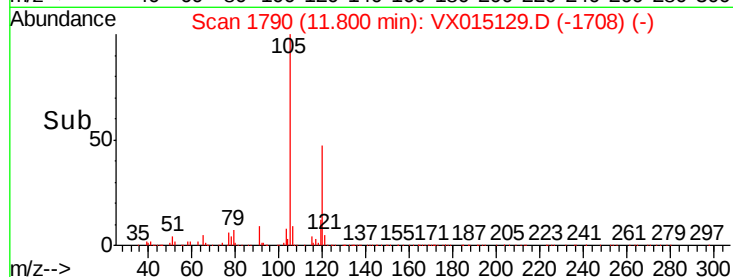
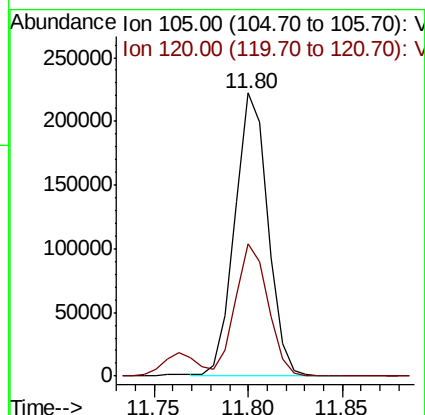
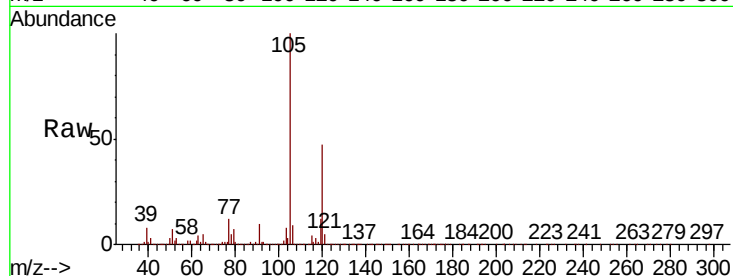




#80
1,2,4-Trimethylbenzene
Concen: 18.897 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

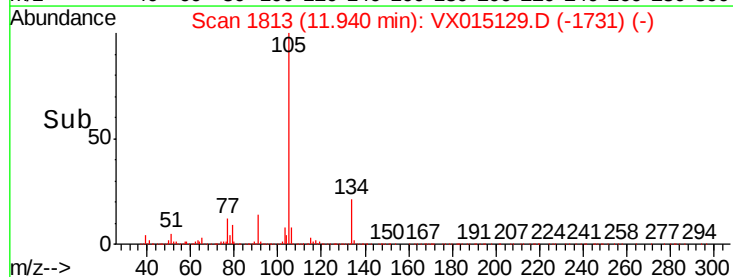
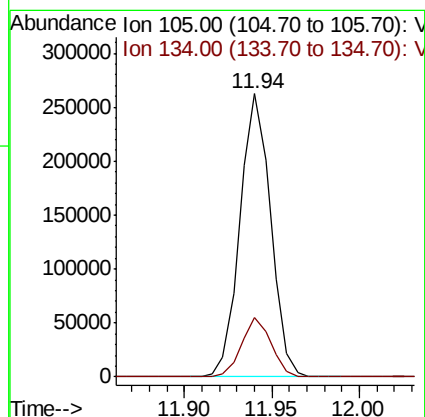
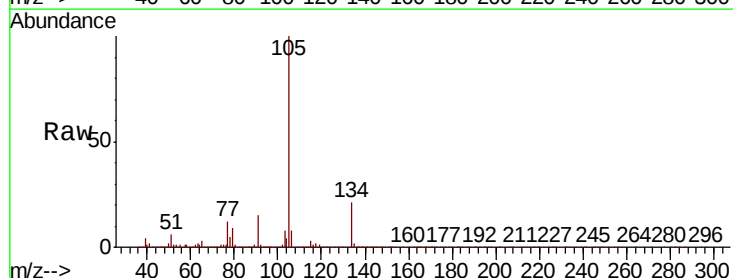
Instrument :
MSVOA_X
ClientSampleId :

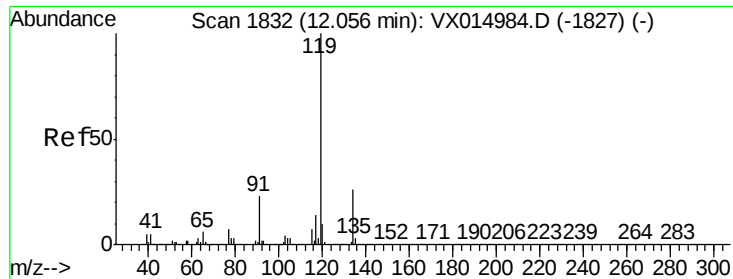
Tot Ion:105 Resp: 269880
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.4



#81
sec-Butylbenzene
Concen: 19.192 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:105 Resp: 318984
Ion Ratio Lower Upper
105 100
134 20.3 0.0 40.8

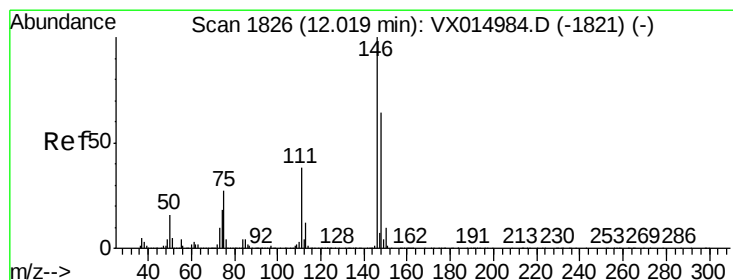
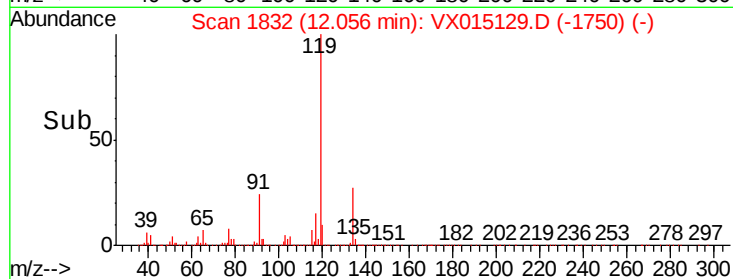
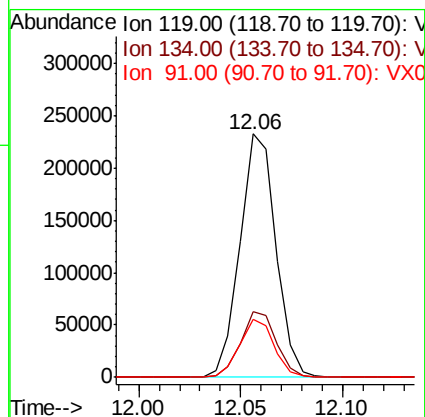
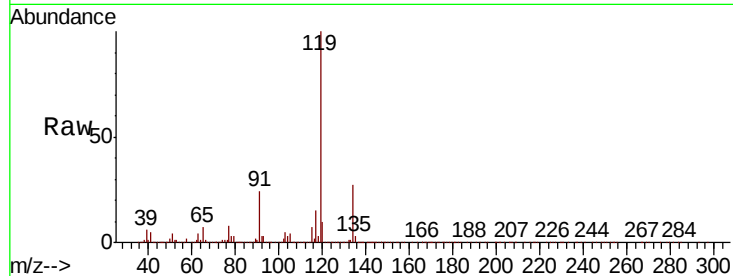




#82
 p-Isopropyltoluene
 Concen: 18.380 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

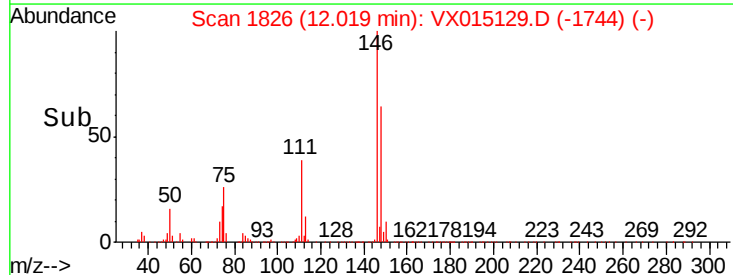
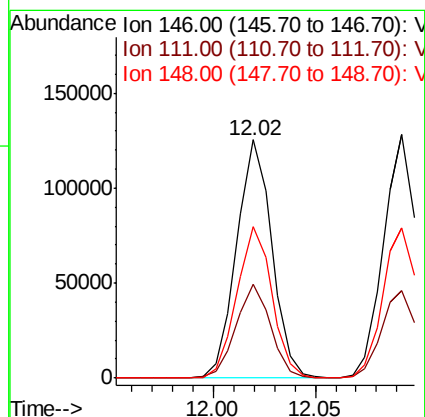
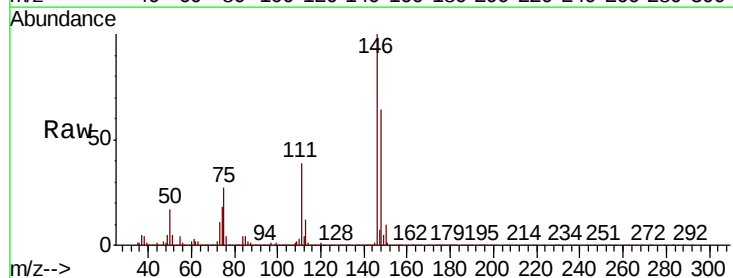
Instrument :
 MSVOA_X
 ClientSampleId :

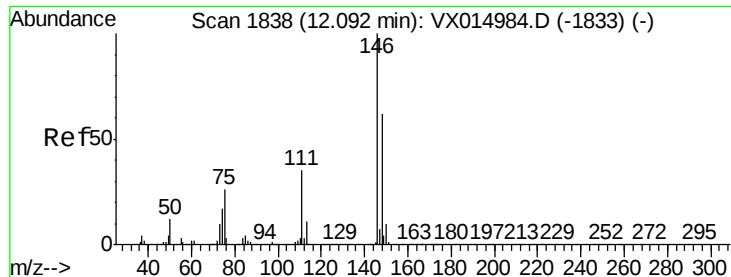
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	53.2
91	23.2	0.0	44.6



#83
 1,3-Dichlorobenzene
 Concen: 18.497 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	63.3	32.3	96.9

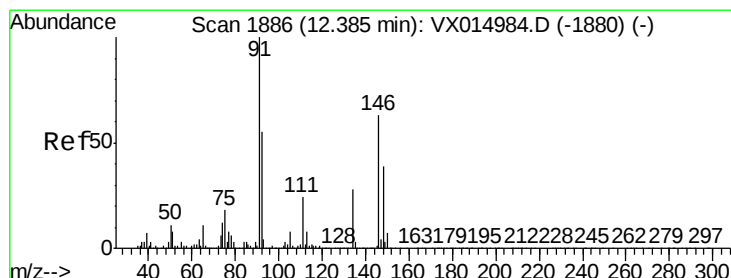
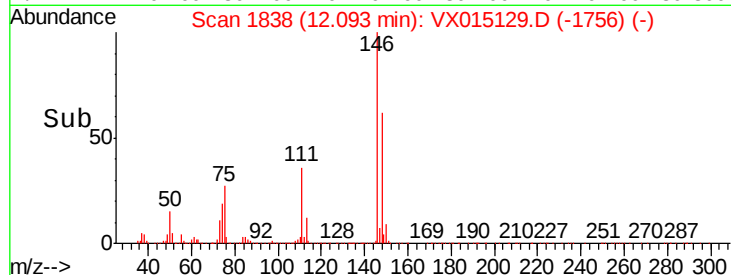
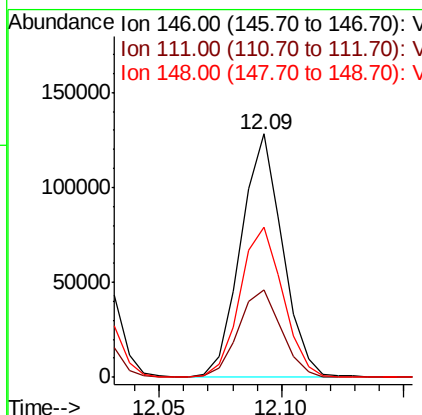
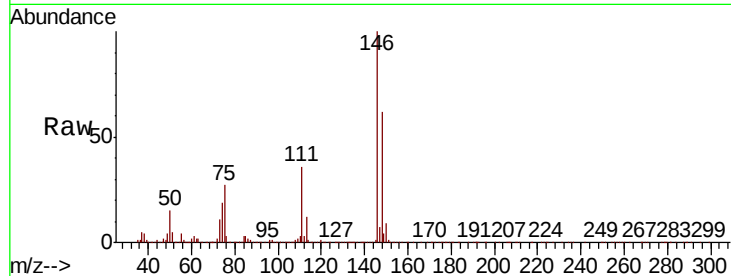




#84
 1,4-Dichlorobenzene
 Concen: 18.591 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

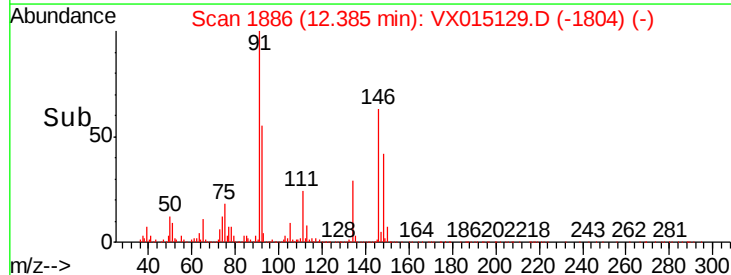
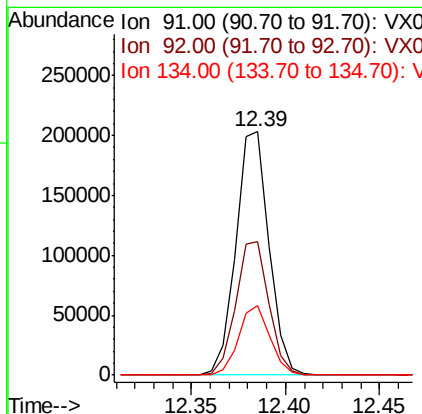
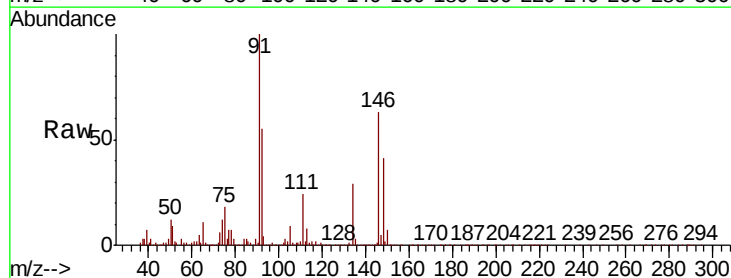
Instrument :
 MSVOA_X
 ClientSampleId :

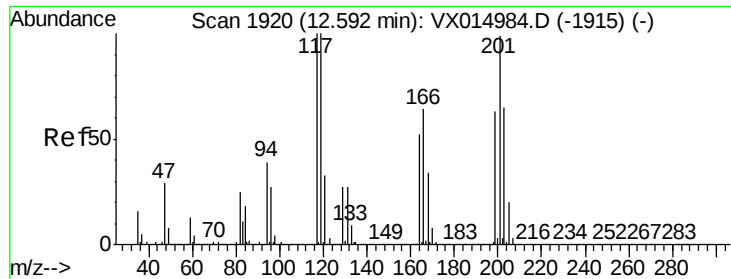
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.8	53.5
148	62.7	31.4	94.2



#85
 n-Butylbenzene
 Concen: 18.351 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	0.0	109.8
134	27.1	0.0	54.8

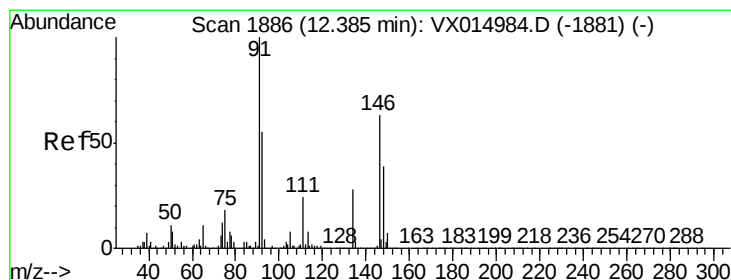
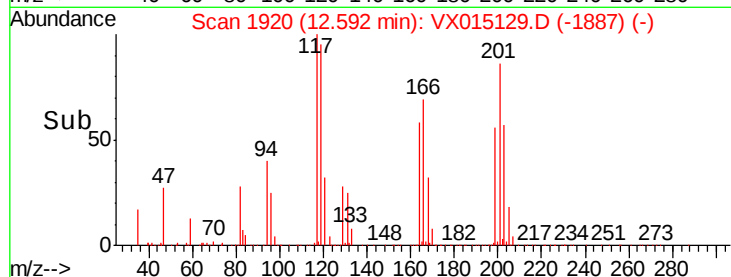
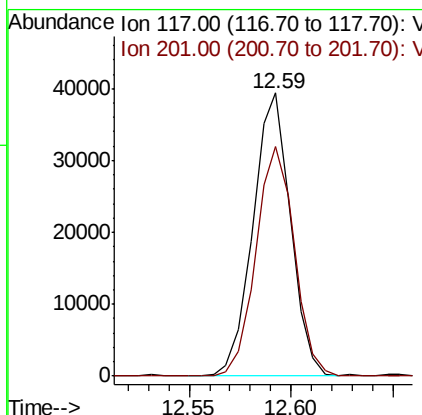
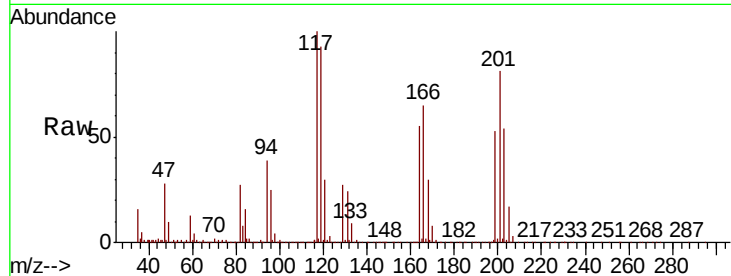




#86
Hexachloroethane
Concen: 17.984 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

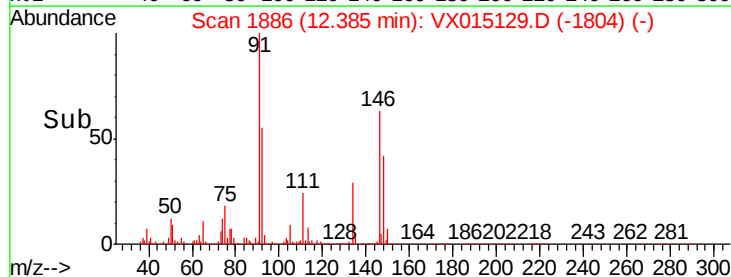
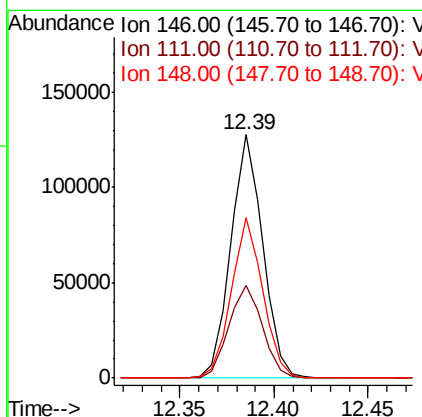
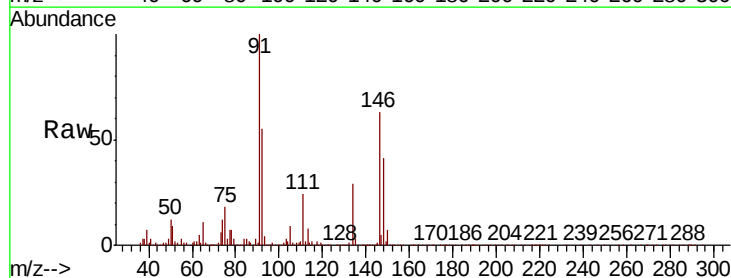
Instrument :
MSVOA_X
ClientSampleId :

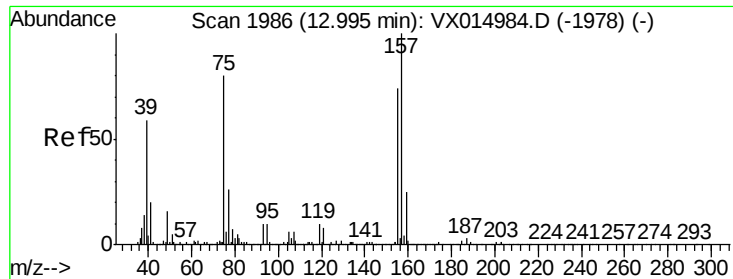
Tot Ion:117 Resp: 50196
Ion Ratio Lower Upper
117 100
201 83.3 45.6 136.7



#87
1,2-Dichlorobenzene
Concen: 18.630 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:146 Resp: 150519
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.1
148 64.5 32.0 96.0

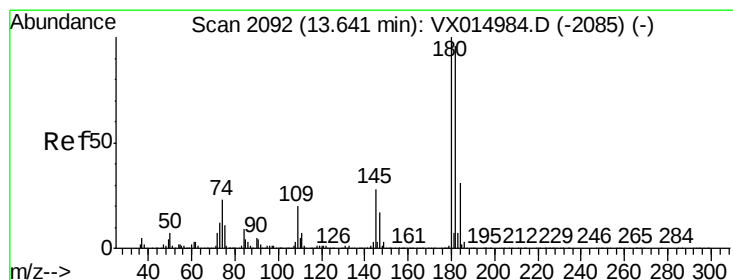
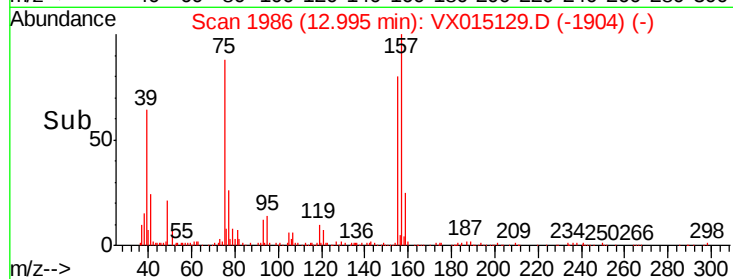
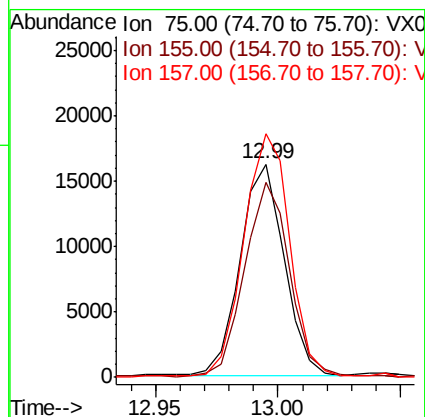
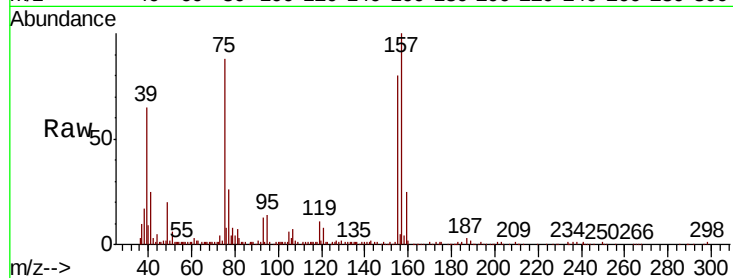




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.860 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

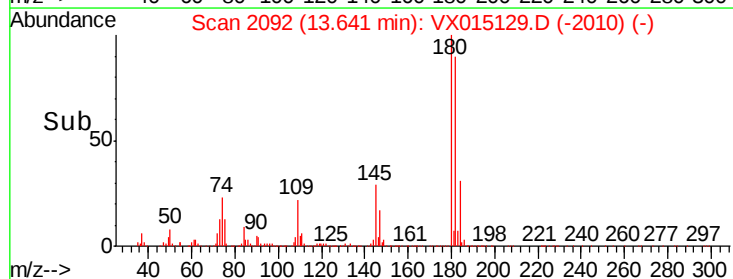
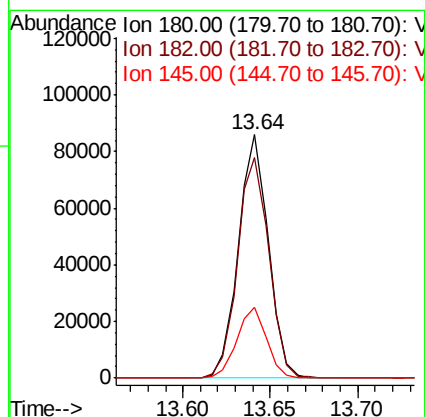
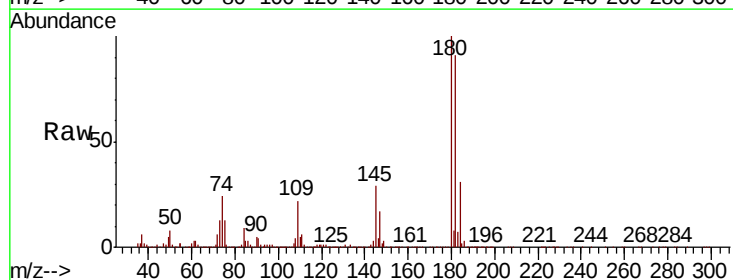
Instrument :
 MSVOA_X
 ClientSampleId :

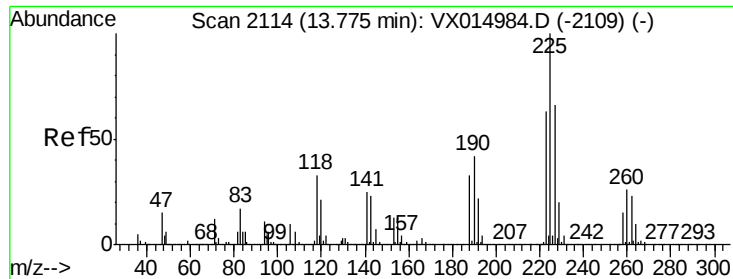
Tot Ion	Ratio	Lower	Upper
75	100		
155	94.9	74.5	111.7
157	120.9	96.2	144.4



#89
 1,2,4-Trichlorobenzene
 Concen: 17.690 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	28.8	21.8	32.6

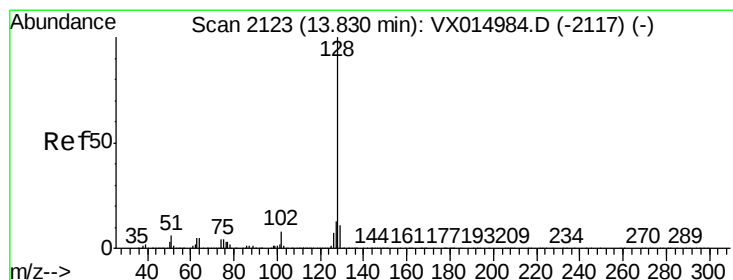
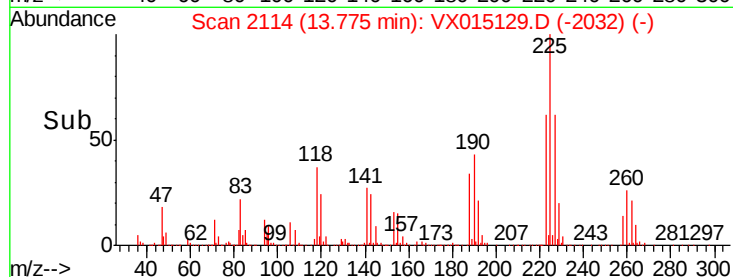
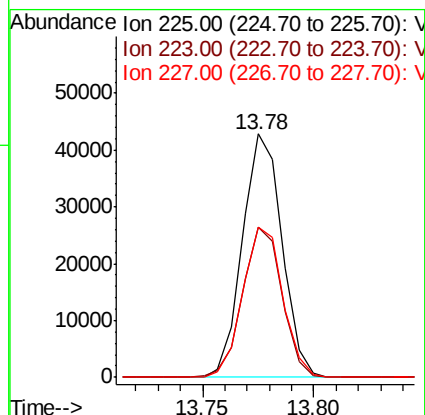
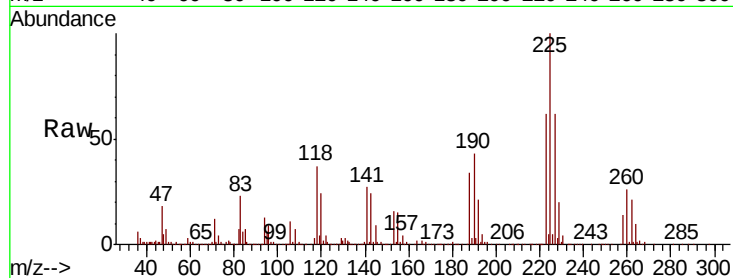




#90
Hexachlorobutadiene
Concen: 18.461 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

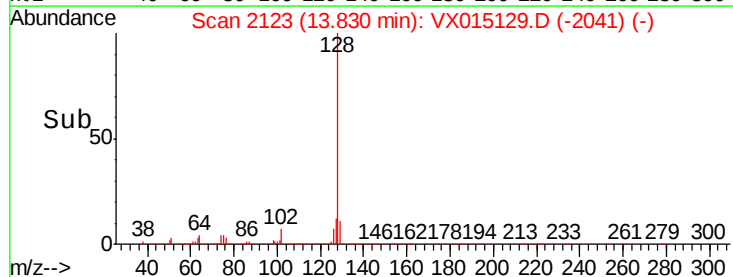
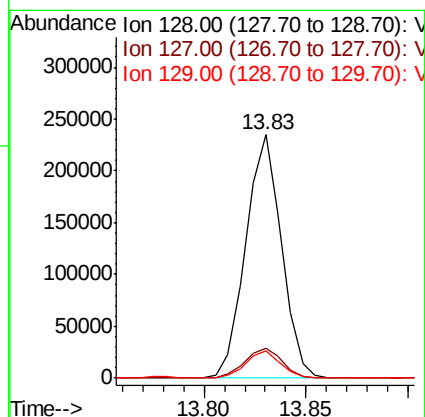
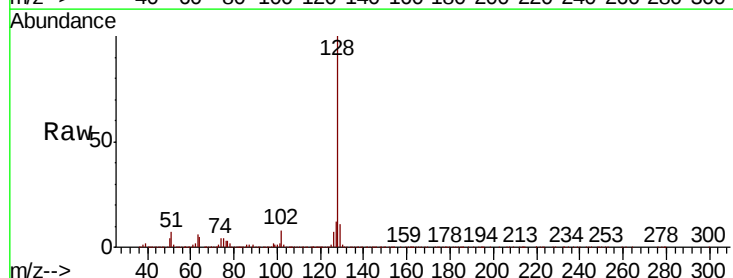
Instrument :
MSVOA_X
ClientSampleId :

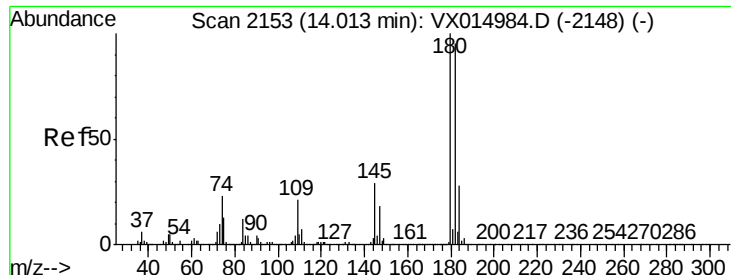
Tot Ion:225 Resp: 53268
Ion Ratio Lower Upper
225 100
223 61.4 0.0 132.0
227 62.4 0.0 131.0



#91
Naphthalene
Concen: 17.394 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:128 Resp: 286122
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

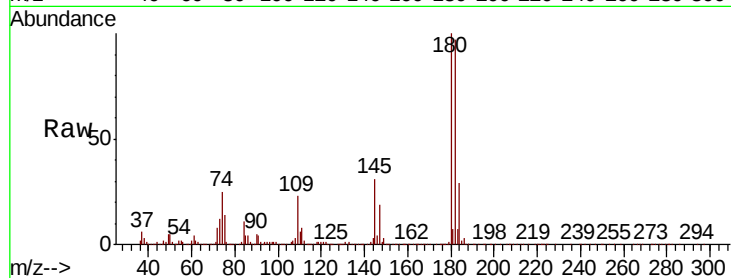




#92
 1,2,3-Trichlorobenzene
 Concen: 18.449 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	192.4
145	30.5	0.0	60.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

