

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015217.D
 Acq On : 11 Mar 2020 22:11
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Quant Time: Mar 12 08:42:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:39:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	50003	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	264988	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	251220	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	97407	28.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.23%
60) 4-Bromofluorobenzene	11.14	95	117125	29.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.83%
63) Toluene-d8	8.71	98	325419	29.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	45987	18.852	ug/l 99
3) Chloromethane	1.32	50	68216	19.274	ug/l 96
4) Vinyl Chloride	1.40	62	66407	18.591	ug/l 97
5) Bromomethane	1.64	94	44664	19.911	ug/l 97
6) Chloroethane	1.72	64	42187	19.310	ug/l 98
7) Trichlorofluoromethane	1.93	101	83920	19.430	ug/l 96
8) Diethyl Ether	2.18	74	38100	19.335	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50715	19.323	ug/l 99
10) 1,1-Dichloroethene	2.37	96	52769	19.571	ug/l 94
11) Methyl Iodide	2.50	142	41633	14.431	ug/l 97
12) Methyl Acetate	2.76	43	69828	19.767	ug/l 99
13) Acrolein	2.28	56	50111	90.652	ug/l 99
14) Acrylonitrile	3.13	53	158571	97.172	ug/l 99
15) Acetone	2.44	58	40345	96.761	ug/l 89
16) Carbon Disulfide	2.56	76	158136	20.700	ug/l 99
17) Allyl chloride	2.72	41	99913	19.728	ug/l 97
18) Methylene Chloride	2.85	84	59303	18.736	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	59849	19.844	ug/l 97
20) Diisopropyl ether	3.84	45	199008	19.491	ug/l 99
21) 1,1-Dichloroethane	3.69	63	102953	18.858	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	65822	19.325	ug/l 96
23) tert-Butyl Alcohol	3.03	59	62570	96.160	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	172252	19.585	ug/l 99
25) Chloroform	5.20	83	99243	18.981	ug/l 99
26) Cyclohexane	5.57	56	97167	19.425	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	79307	20.070	ug/l 100
30) 2-Butanone	4.66	43	213682	99.527	ug/l 99
31) 2,2-Dichloropropane	4.58	77	68533	19.670	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	84235	19.752	ug/l 99
33) Carbon Tetrachloride	5.78	117	72895	19.688	ug/l 99
34) Benzene	6.14	78	238958	19.705	ug/l 99
35) Methacrylonitrile	5.04	41	44330	18.896	ug/l 97
36) 1,2-Dichloroethane	6.18	62	78091	19.387	ug/l 100
37) Trichloroethene	7.20	130	66552	19.642	ug/l 97
38) Methylcyclohexane	7.46	83	94750	20.305	ug/l 100
39) 1,2-Dichloropropane	7.51	63	61626	19.750	ug/l 99
40) Dibromomethane	7.65	93	40796	20.116	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015217.D
 Acq On : 11 Mar 2020 22:11
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Quant Time: Mar 12 08:42:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:39:57 2020
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.89	83	76862	19.837	ug/l	94
42) Vinyl Acetate	3.81	43	833040	99.792	ug/l	100
43) Ethyl Acetate	4.83	43	85008	19.879	ug/l #	94
44) Isopropyl Acetate	6.43	43	136306	19.510	ug/l	99
45) 1,4-Dioxane	7.74	88	30680	422.105	ug/l	98
46) Methyl methacrylate	7.76	41	68789	20.148	ug/l	95
47) n-amyl Acetate	10.89	43	113650	19.447	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	86601	20.585	ug/l	92
49) cis-1,3-Dichloropropene	8.43	75	96090	20.153	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	62676	20.756	ug/l	94
51) Ethyl methacrylate	9.17	69	92088	19.853	ug/l	99
52) 1,3-Dichloropropane	9.37	76	104080	20.356	ug/l	99
53) Dibromochloromethane	9.57	129	63057	19.805	ug/l	98
54) 1,2-Dibromoethane	9.67	107	64718	20.651	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	241734	101.648	ug/l	99
56) Bromoform	10.85	173	48390	19.994	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	430416	98.694	ug/l	100
59) 2-Hexanone	9.48	43	320842	98.310	ug/l	99
61) Tetrachloroethene	9.33	164	67587	19.461	ug/l	94
62) Toluene	8.78	91	257362	19.432	ug/l	100
64) Chlorobenzene	10.14	112	163761	19.784	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	59435	19.504	ug/l	100
66) Ethyl Benzene	10.25	91	286593	20.087	ug/l	95
67) m/p-Xylenes	10.35	106	219348	40.099	ug/l	98
68) o-Xylene	10.70	106	102615	19.652	ug/l	98
69) Styrene	10.71	104	181074	19.725	ug/l	99
70) Isopropylbenzene	11.01	105	282538	20.230	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	88839	19.456	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	101764	27.406	ug/l	96
73) Bromobenzene	11.25	156	75988	19.890	ug/l	99
74) n-propylbenzene	11.35	91	323159	20.046	ug/l	99
75) 2-Chlorotoluene	11.42	91	188841	19.855	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	231372	20.022	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	27764	19.139	ug/l	96
78) 4-Chlorotoluene	11.51	91	224726	20.406	ug/l	99
79) tert-butylbenzene	11.76	119	222698	20.155	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	235180	20.151	ug/l	98
81) sec-Butylbenzene	11.94	105	274812	20.149	ug/l	99
82) p-Isopropyltoluene	12.06	119	248740	20.031	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	134881	19.860	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	135704	19.975	ug/l	99
85) n-Butylbenzene	12.38	91	220861	20.470	ug/l	99
86) Hexachloroethane	12.59	117	41788	18.928	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	132878	20.125	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	18950	20.212	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	100334	20.953	ug/l	97
90) Hexachlorobutadiene	13.77	225	52032	22.005	ug/l	95
91) Naphthalene	13.83	128	286916	21.299	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	102367	21.210	ug/l	98

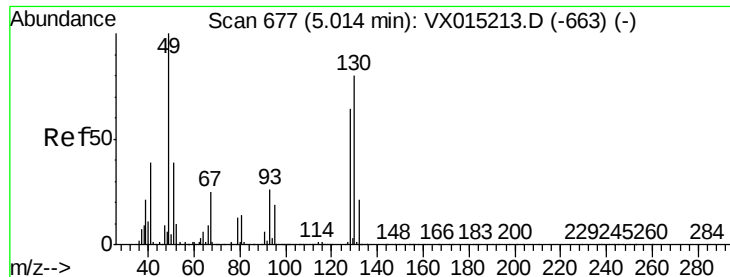
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
Data File : VX015217.D
Acq On : 11 Mar 2020 22:11
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Quant Time: Mar 12 08:42:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 08:39:57 2020
Response via : Initial Calibration

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

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

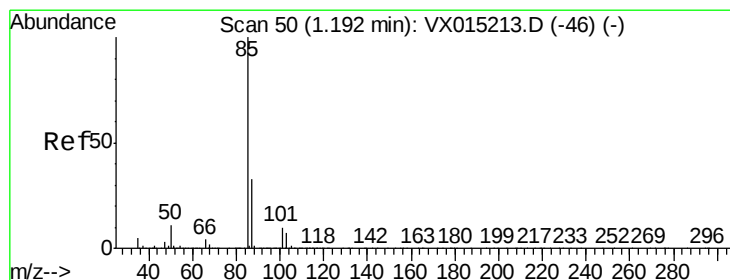
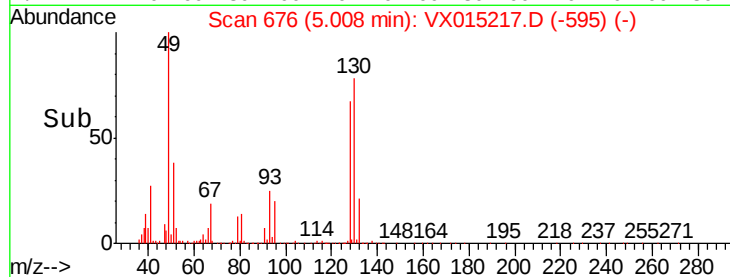
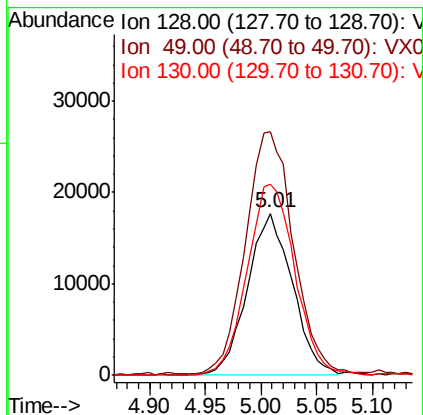
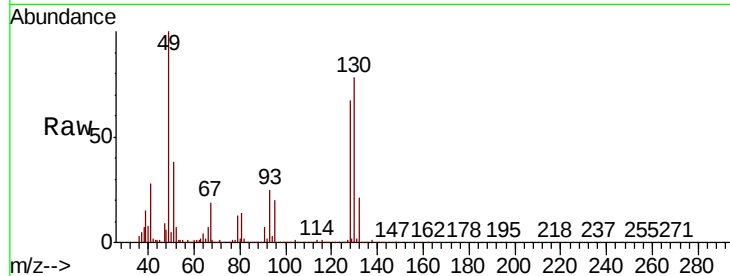


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

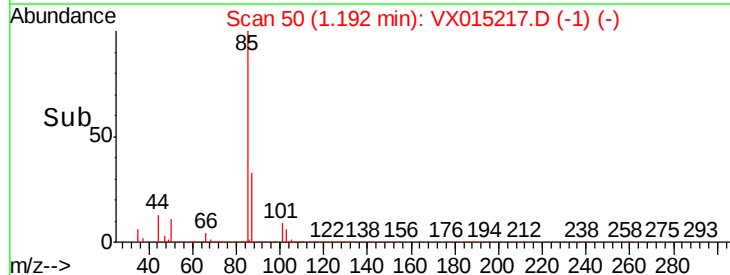
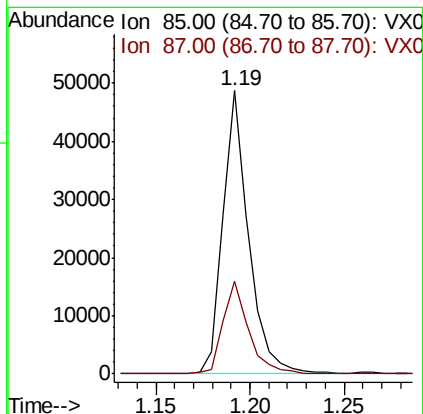
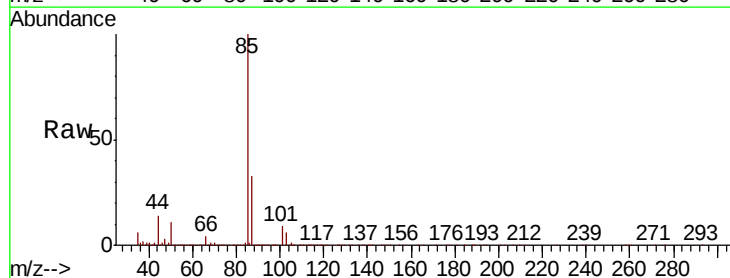
Tot Ion	Ratio	Lower	Upper
128	100		
49	158.3	0.0	410.8
130	125.2	0.0	324.3

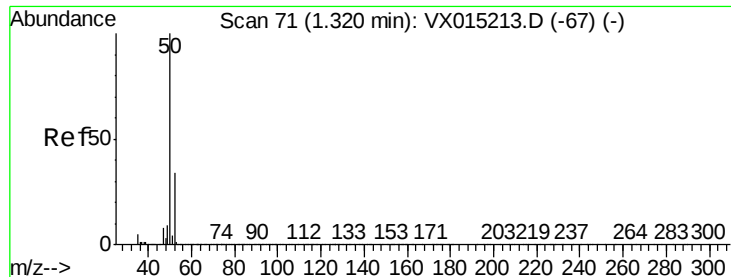


#2

Dichlorodifluoromethane
 Concen: 18.852 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.6	49.8





#3

Chloromethane

Concen: 19.274 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

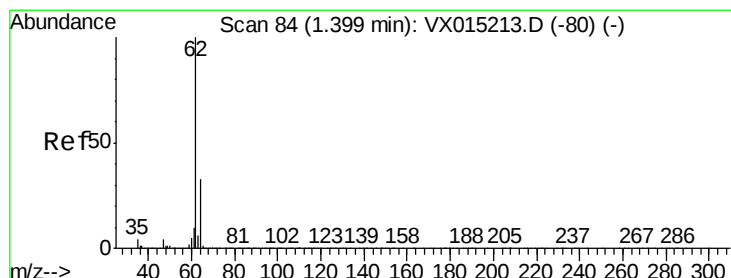
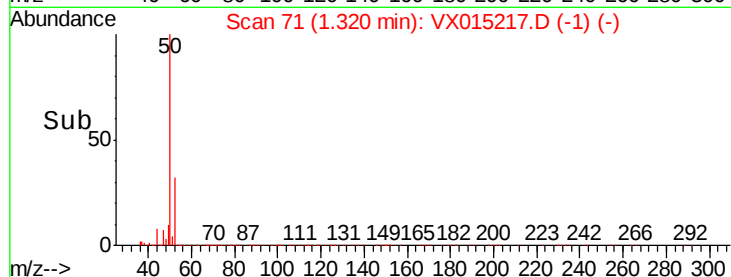
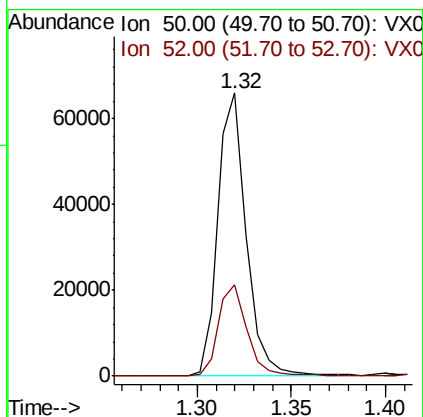
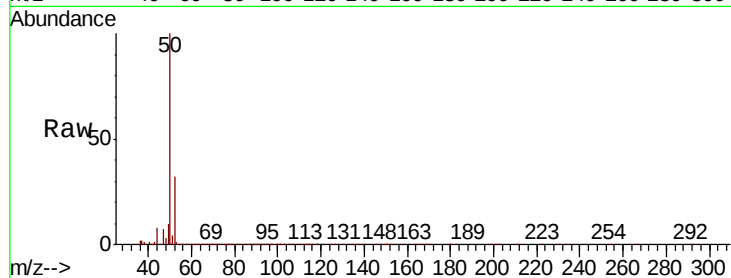
ICVVX031220

Tot Ion: 50 Resp: 68216

Ion Ratio Lower Upper

50 100

52 32.0 27.4 41.0



#4

Vinyl Chloride

Concen: 18.591 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015217.D

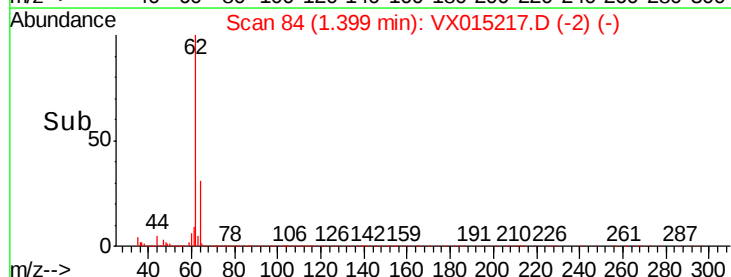
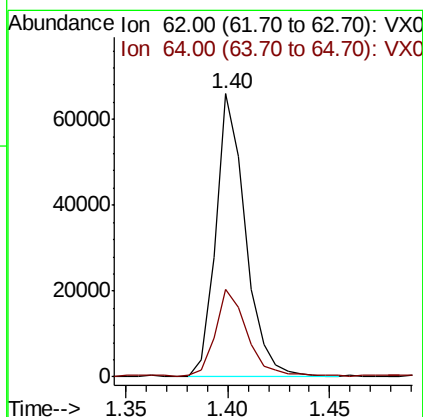
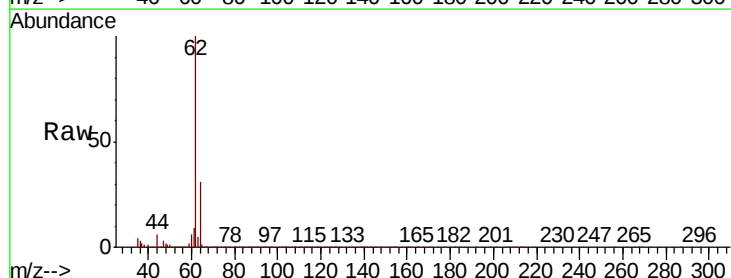
Acq: 11 Mar 2020 22:11

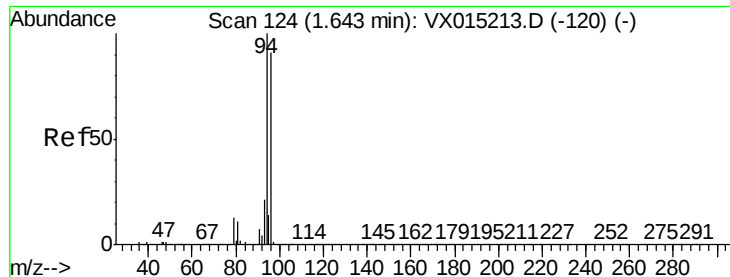
Tgt Ion: 62 Resp: 66407

Ion Ratio Lower Upper

62 100

64 30.5 25.9 38.9





#5

Bromomethane

Concen: 19.911 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

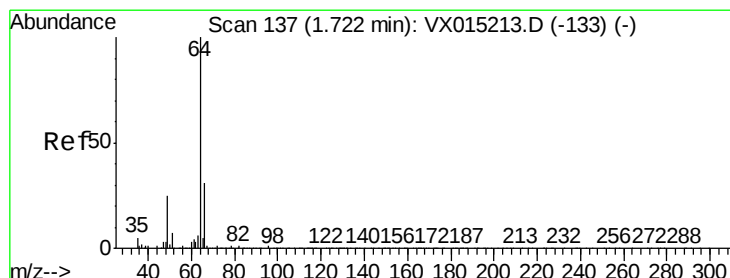
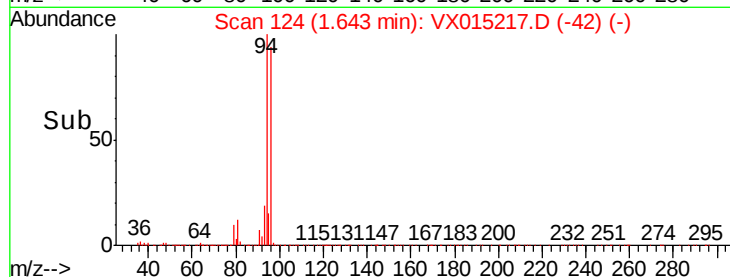
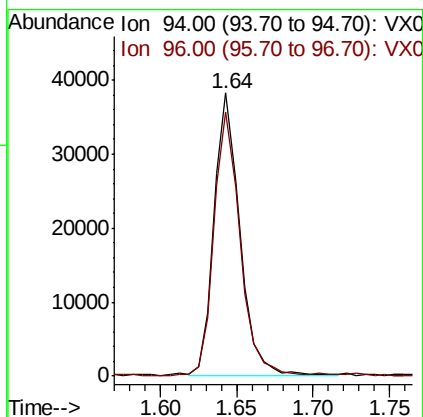
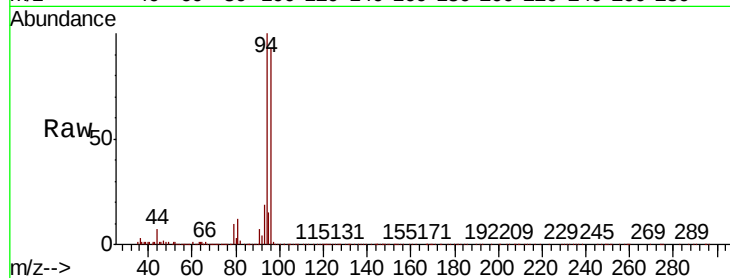
ICVVX031220

Tot Ion: 94 Resp: 44664

Ion Ratio Lower Upper

94 100

96 93.1 72.2 108.2



#6

Chloroethane

Concen: 19.310 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015217.D

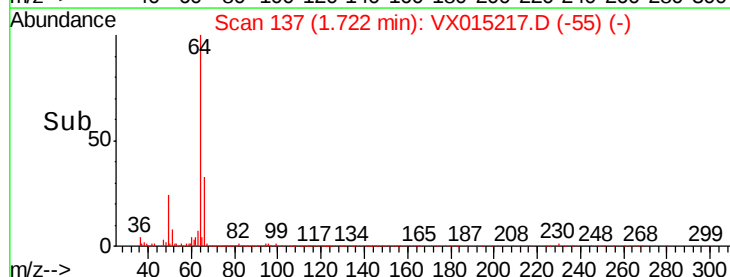
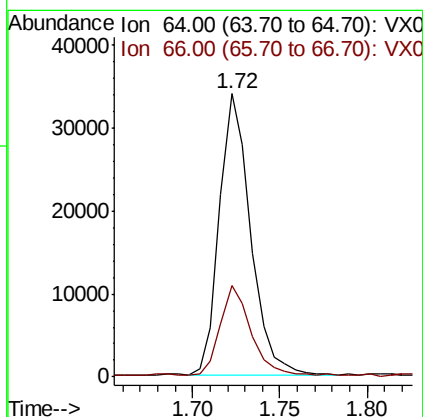
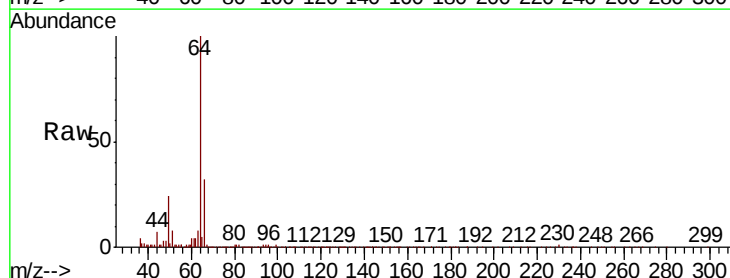
Acq: 11 Mar 2020 22:11

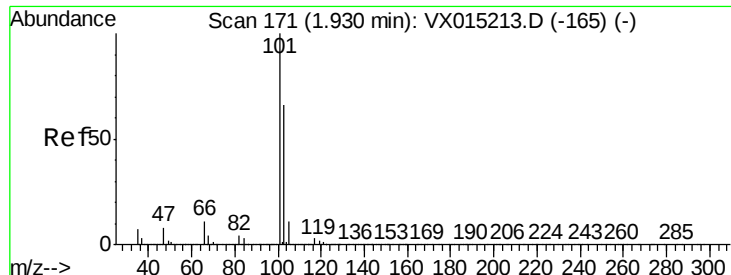
Tgt Ion: 64 Resp: 42187

Ion Ratio Lower Upper

64 100

66 32.1 24.9 37.3



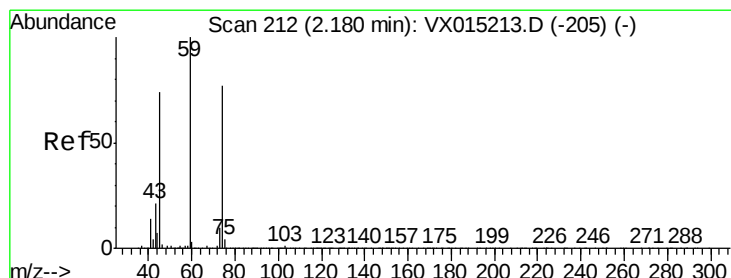
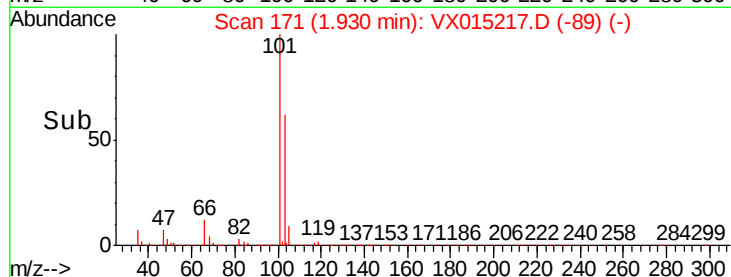
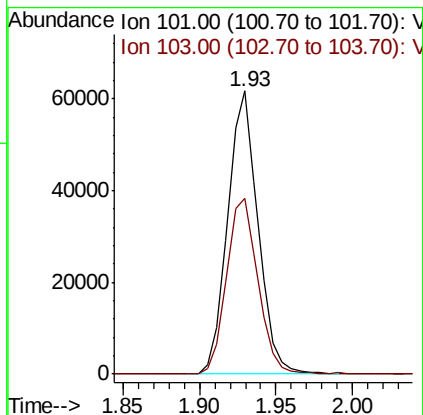
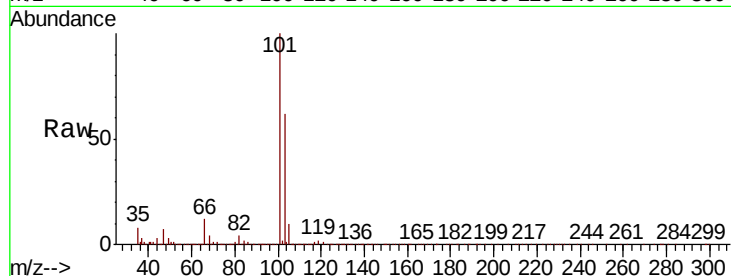


#7

Trichlorofluoromethane
Concen: 19.430 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

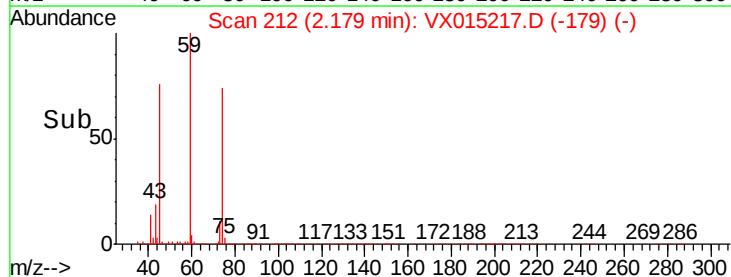
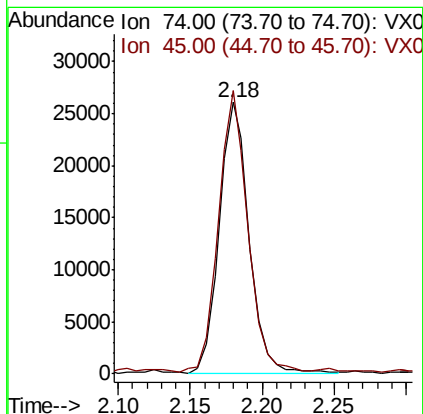
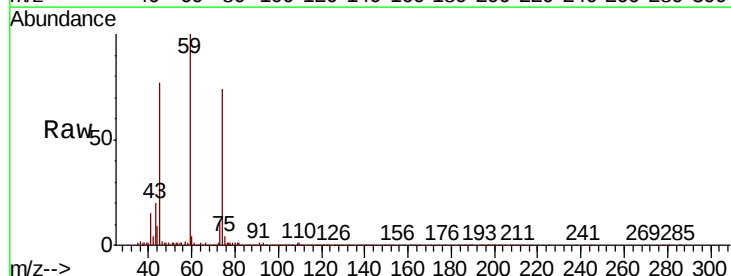
Tot Ion:101 Resp: 83920
Ion Ratio Lower Upper
101 100
103 62.1 52.5 78.7

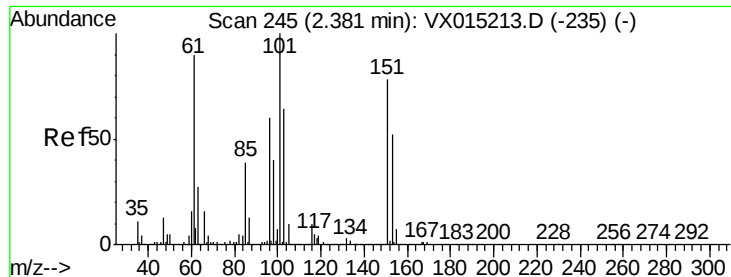


#8

Diethyl Ether
Concen: 19.335 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 74 Resp: 38100
Ion Ratio Lower Upper
74 100
45 100.7 19.1 171.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.323 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

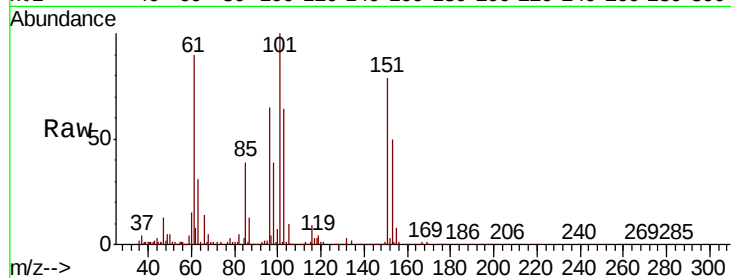
Tot Ion:101 Resp: 50715

Ion Ratio Lower Upper

101 100

85 41.7 0.0 84.6

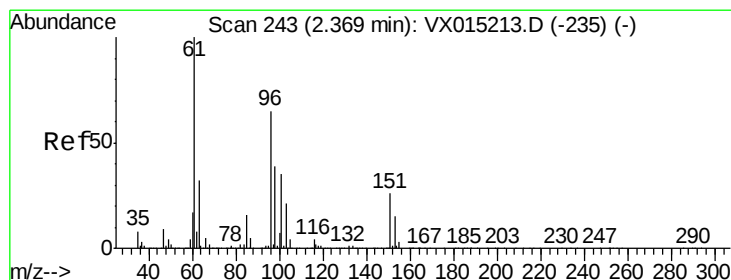
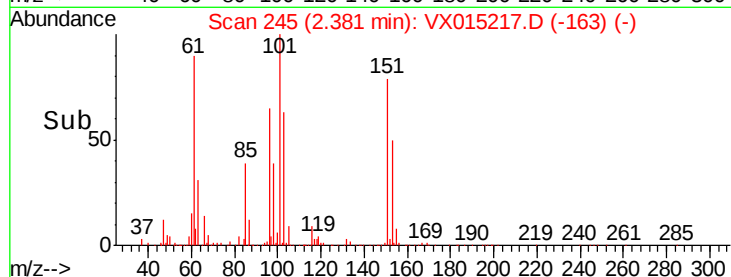
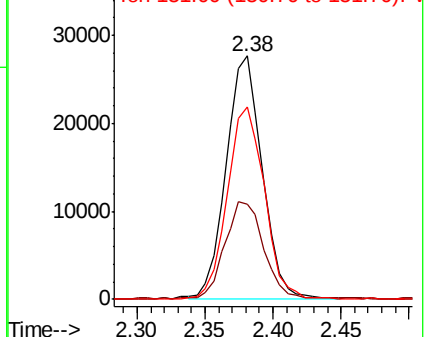
151 82.2 0.0 161.8



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: 19.571 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

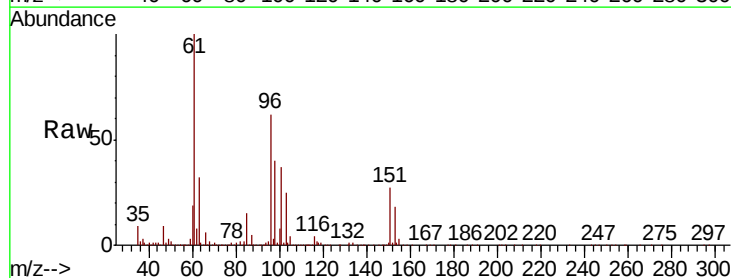
Tgt Ion: 96 Resp: 52769

Ion Ratio Lower Upper

96 100

61 161.3 123.1 184.7

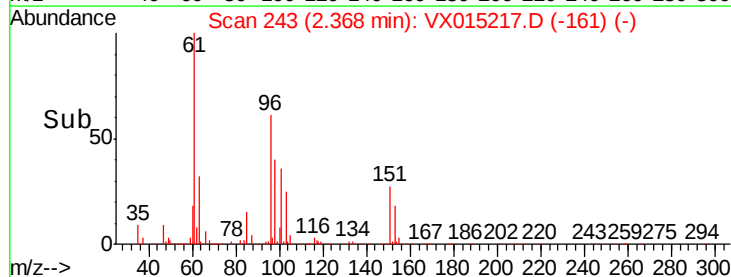
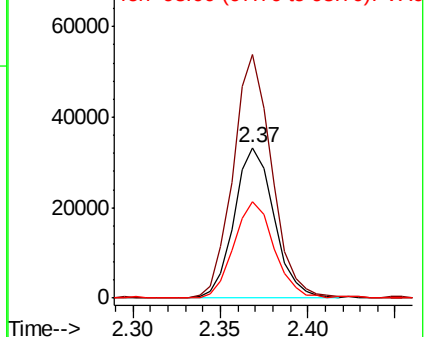
98 64.3 48.1 72.1

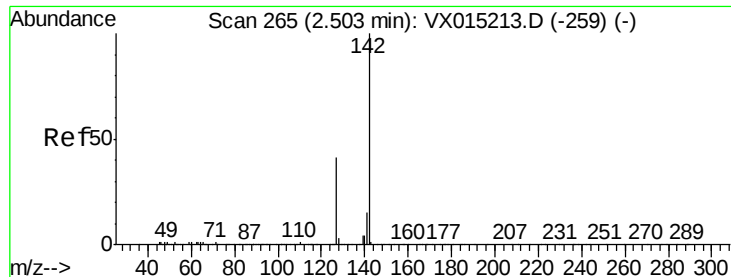


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

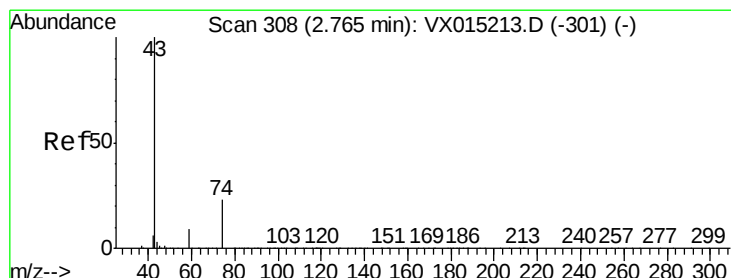
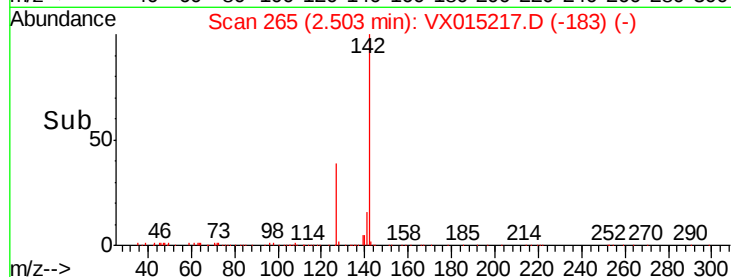
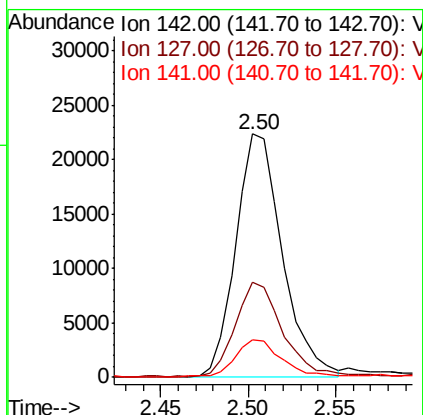
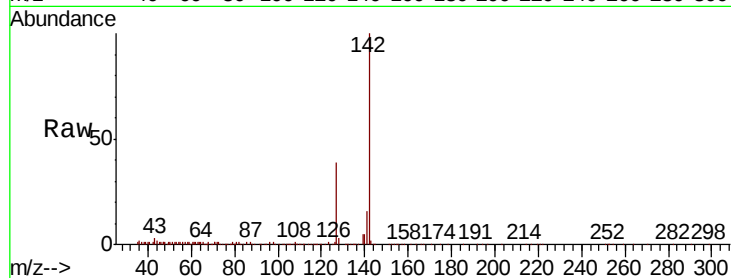




#11
Methyl Iodide
Concen: 14.431 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

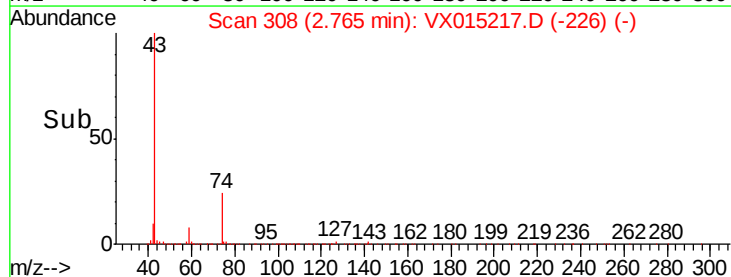
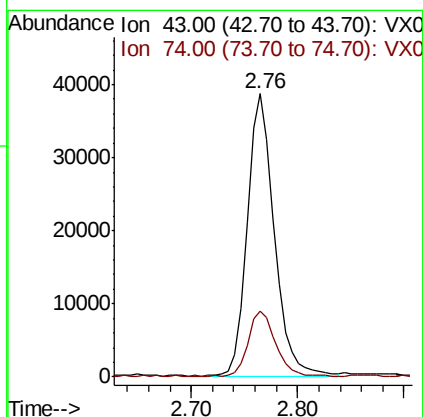
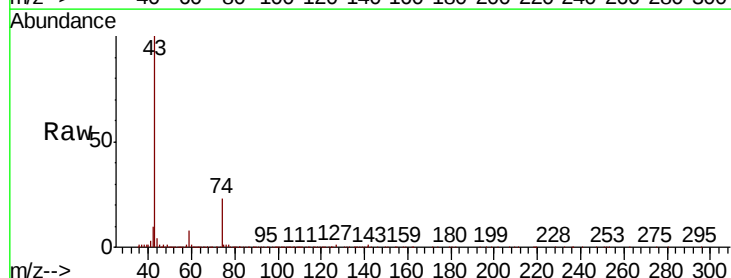
Instrument :
MSVOA_X
ClientSampleId :
ICVX031220

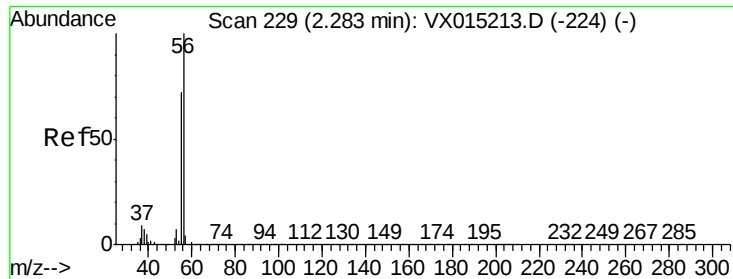
Tot Ion:142 Resp: 41633
Ion Ratio Lower Upper
142 100
127 38.8 20.7 62.1
141 15.1 7.5 22.6



#12
Methyl Acetate
Concen: 19.767 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 43 Resp: 69828
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5





#13

Acrolein

Concen: 90.652 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

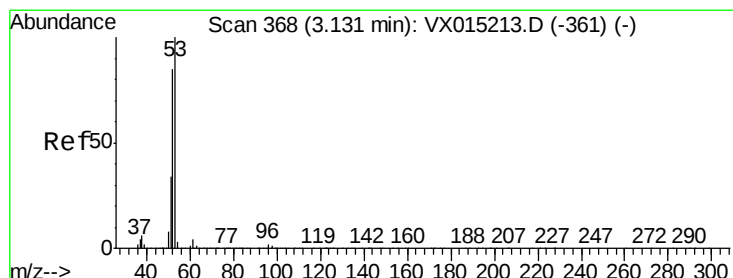
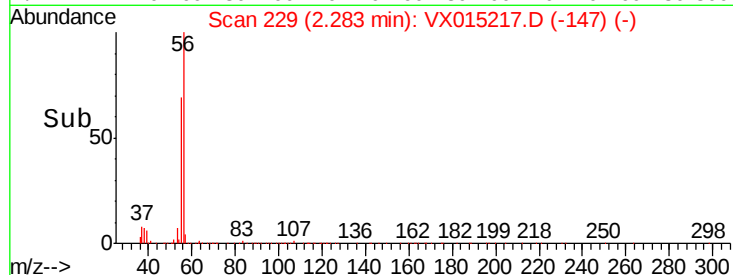
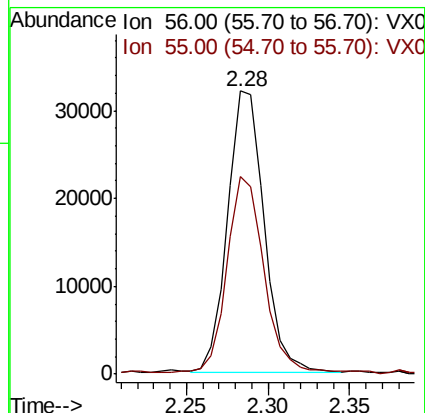
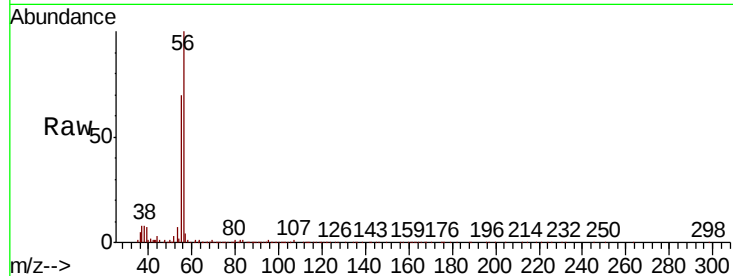
ICVVX031220

Tot Ion: 56 Resp: 50111

Ion Ratio Lower Upper

56 100

55 70.8 56.2 84.4



#14

Acrylonitrile

Concen: 97.172 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

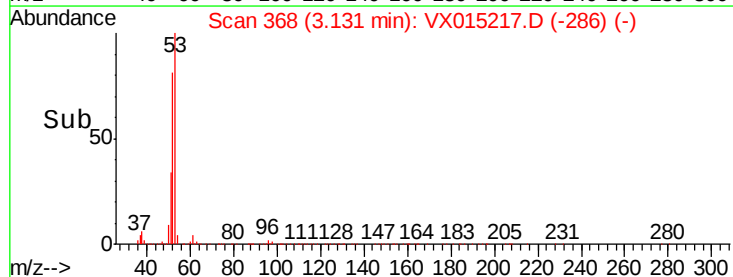
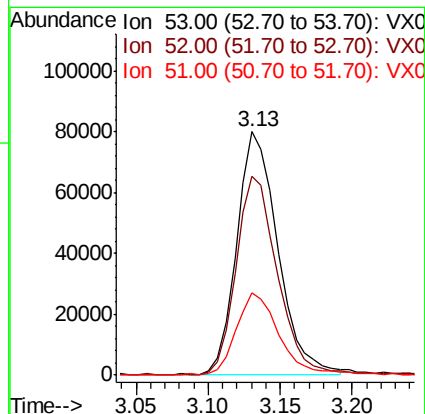
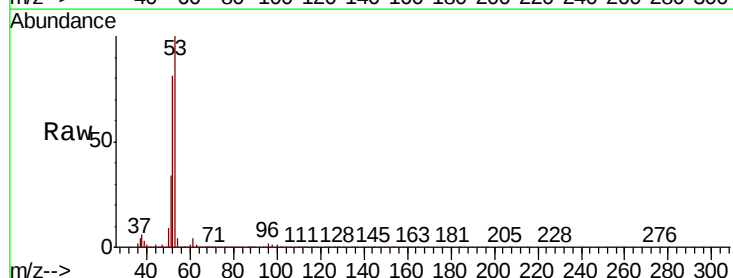
Tgt Ion: 53 Resp: 158571

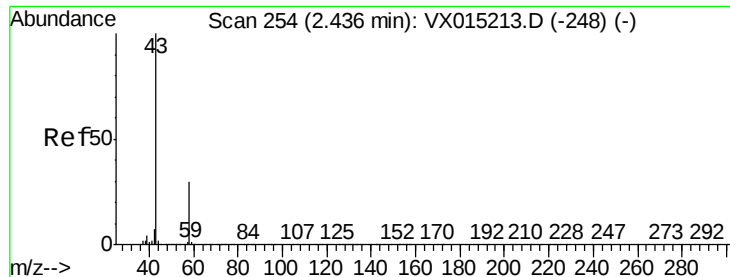
Ion Ratio Lower Upper

53 100

52 81.9 41.1 123.3

51 35.1 18.1 54.4





#15

Acetone

Concen: 96.761 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

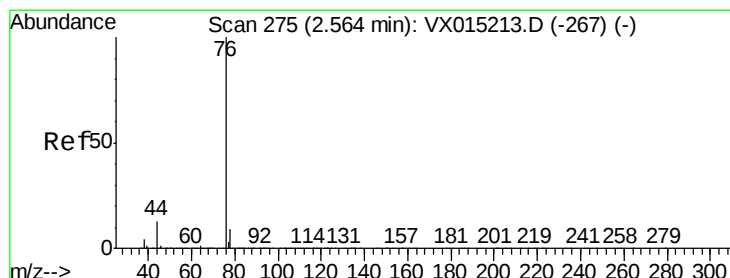
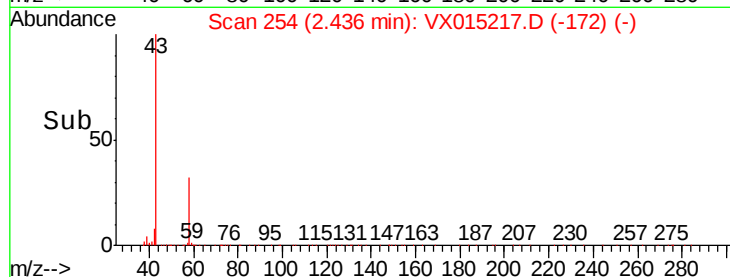
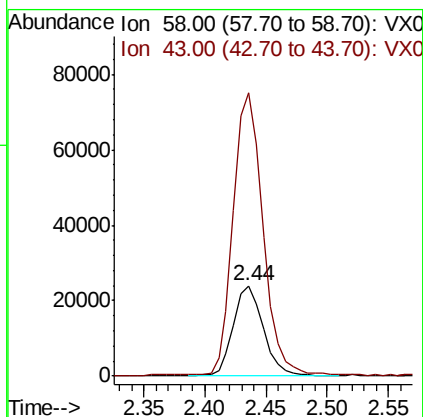
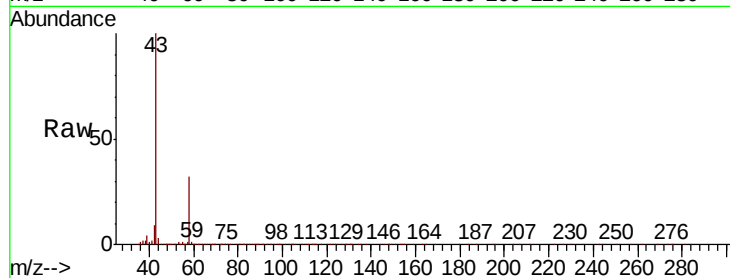
ICVVX031220

Tot Ion: 58 Resp: 40345

Ion Ratio Lower Upper

58 100

43 312.2 267.7 401.5



#16

Carbon Disulfide

Concen: 20.700 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015217.D

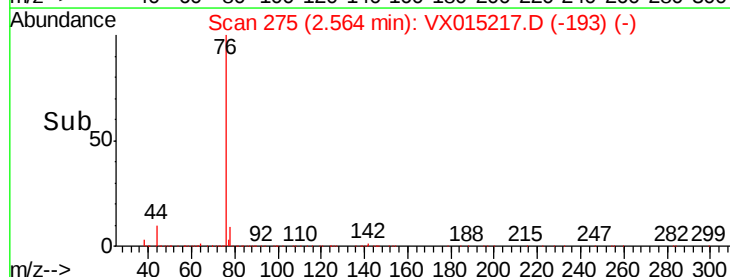
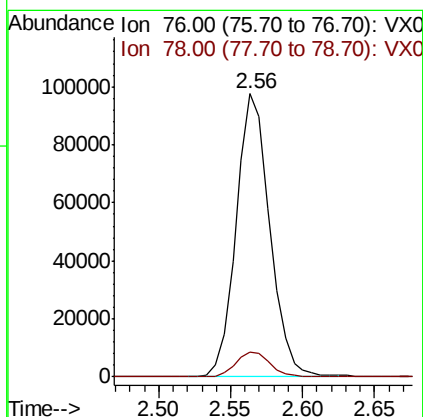
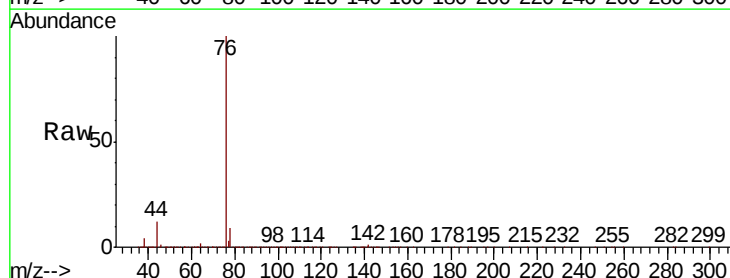
Acq: 11 Mar 2020 22:11

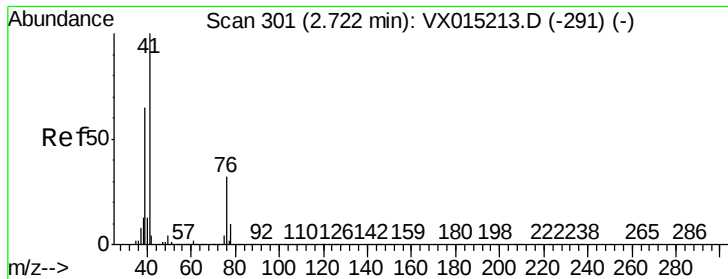
Tgt Ion: 76 Resp: 158136

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

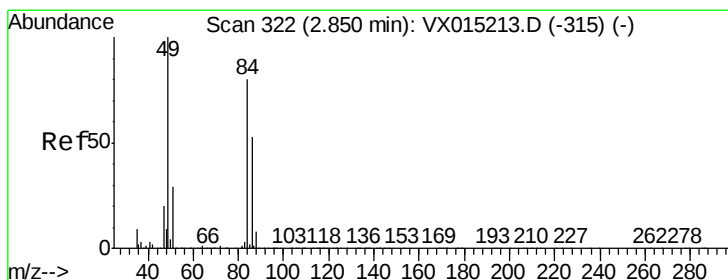
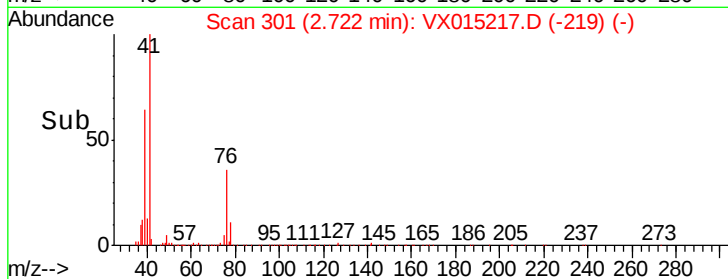
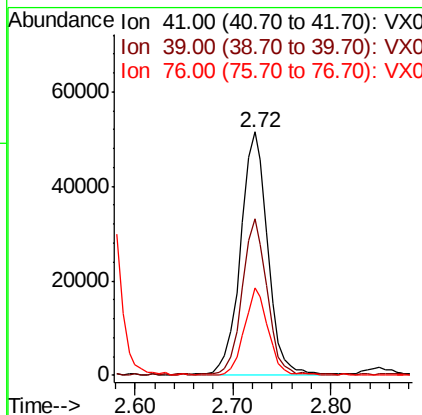
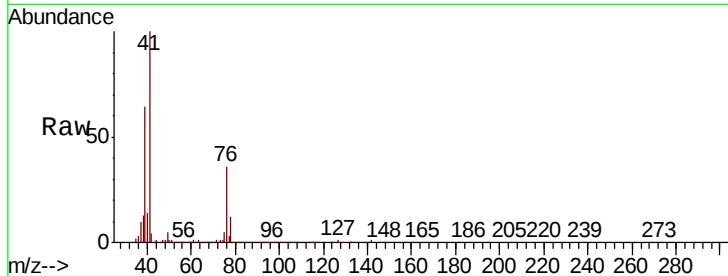




#17
Allvl chloride
Concen: 19.728 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

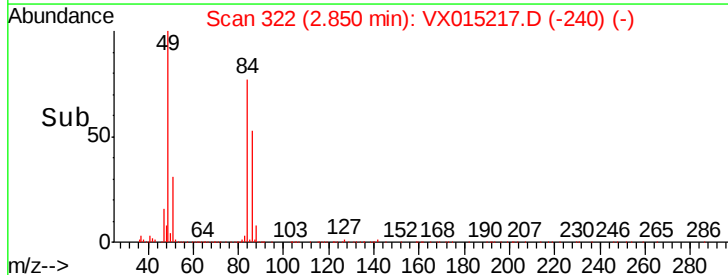
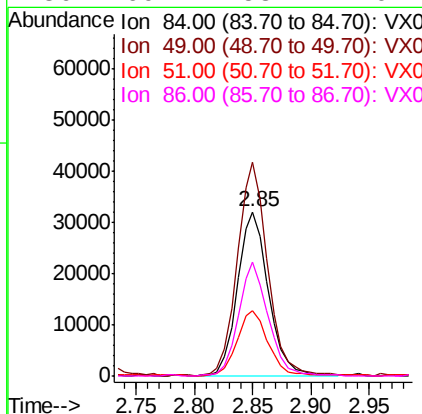
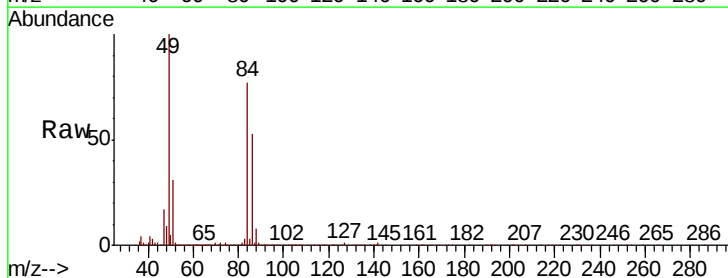
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

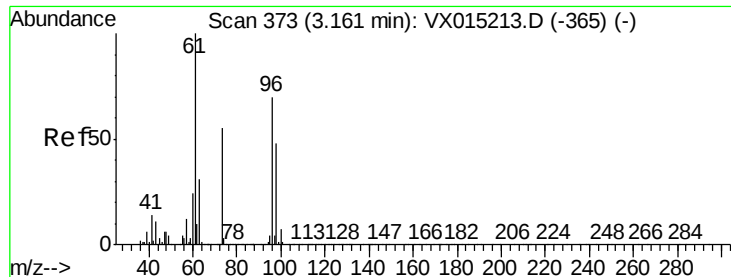
Tot Ion: 41 Resp: 99913
Ion Ratio Lower Upper
41 100
39 64.1 32.6 97.7
76 36.0 16.2 48.5



#18
Methylene Chloride
Concen: 18.736 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 84 Resp: 59303
Ion Ratio Lower Upper
84 100
49 130.0 100.5 150.7
51 39.8 28.7 43.1
86 69.1 53.1 79.7

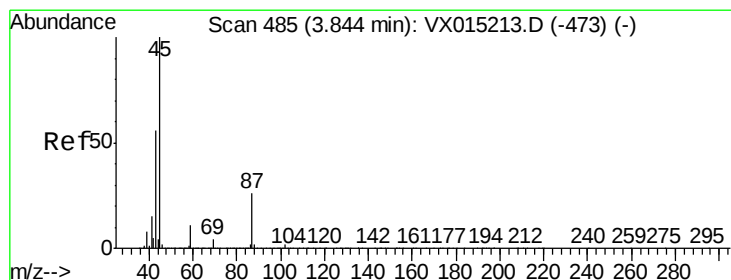
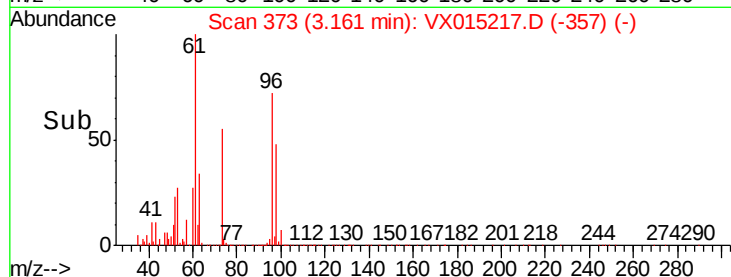
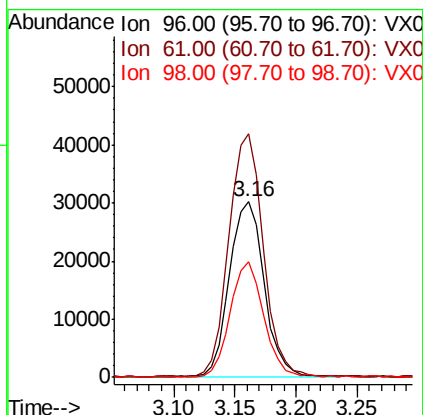
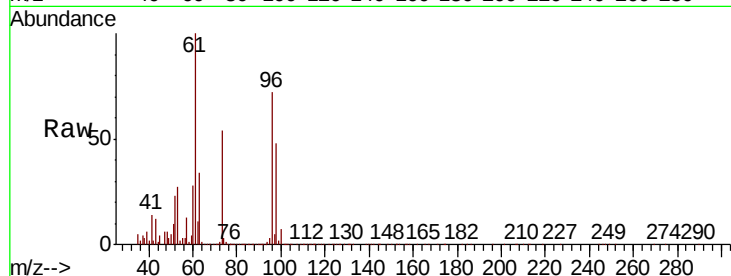




#19
trans-1,2-Dichloroethene
Concen: 19.844 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

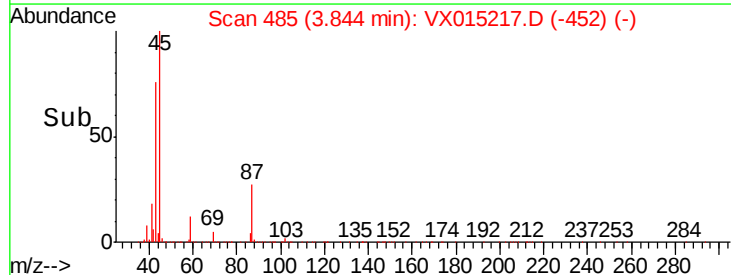
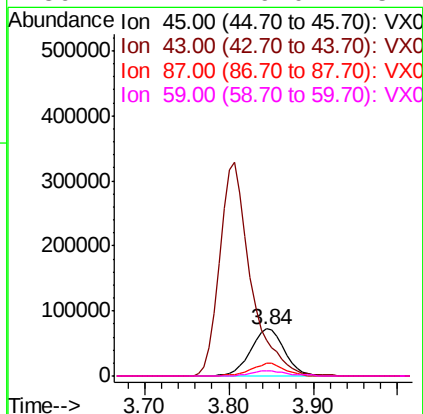
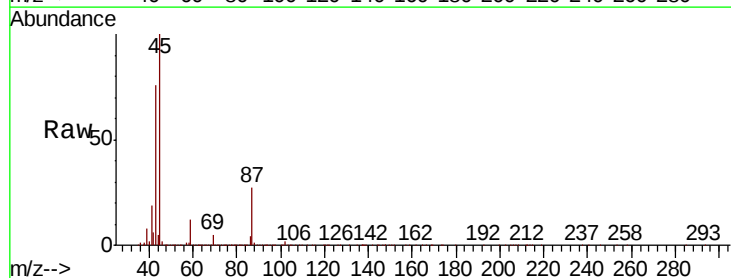
Instrument :
MSVOA_X
ClientSampled :
ICVVX031220

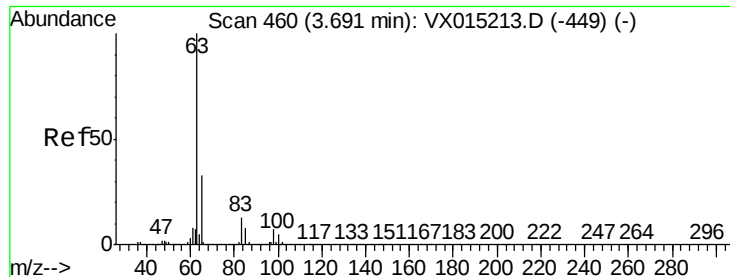
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	113.8	170.6
98	66.3	54.6	82.0



#20
Diisopropyl ether
Concen: 19.491 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.5	60.3	90.5
87	27.2	21.0	31.6
59	11.7	9.0	13.4





#21

1,1-Dichloroethane

Concen: 18.858 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

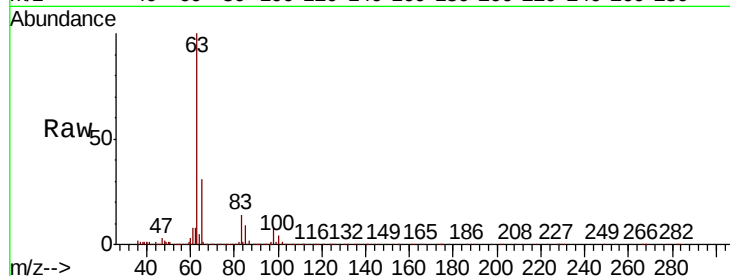
Tot Ion: 63 Resp: 102953

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

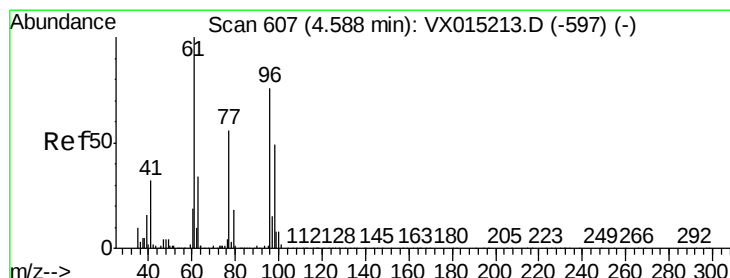
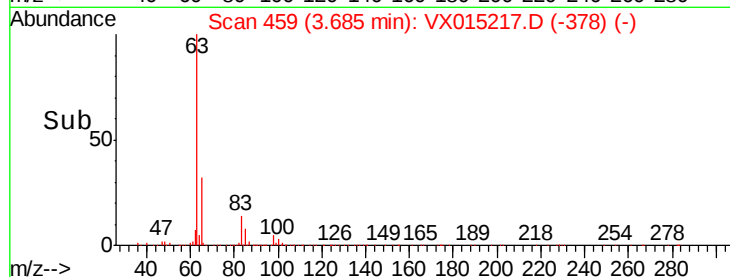
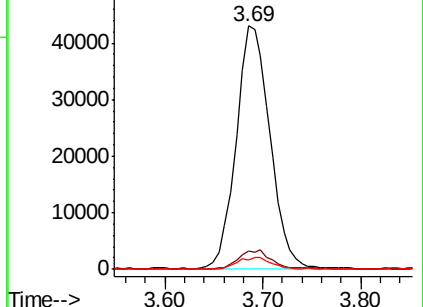
100 4.0 2.6 7.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.325 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

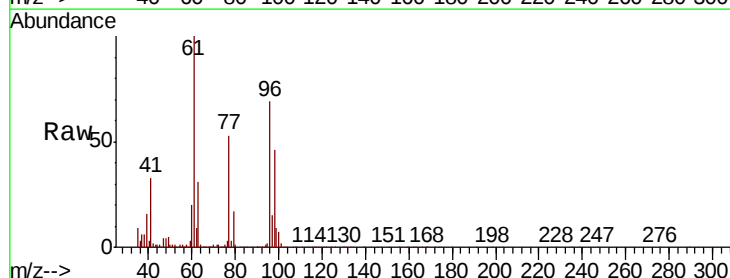
Tgt Ion: 96 Resp: 65822

Ion Ratio Lower Upper

96 100

61 142.0 109.3 163.9

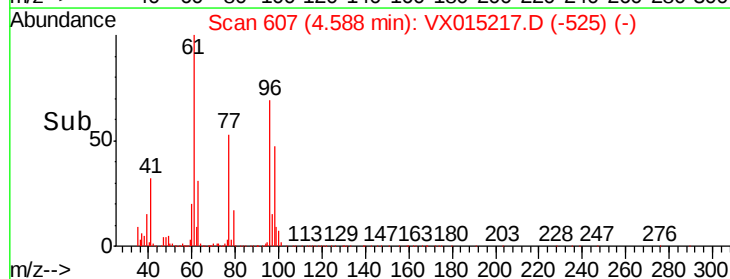
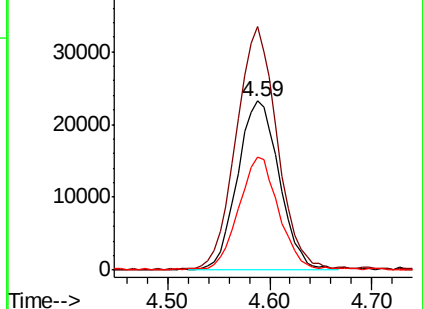
98 62.0 51.3 76.9

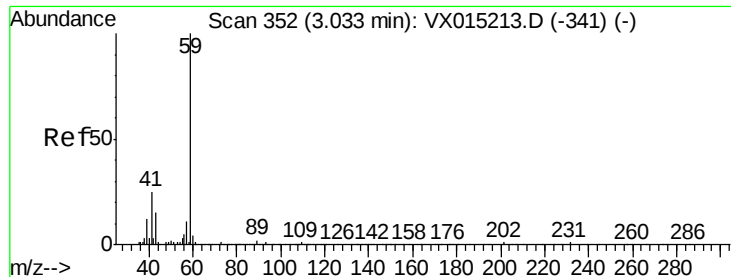


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 96.160 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

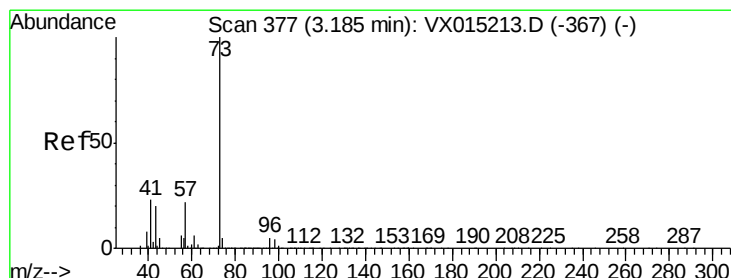
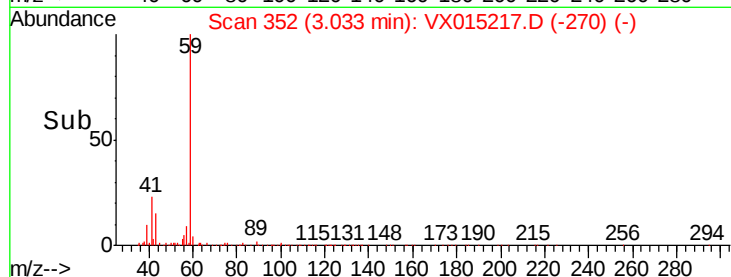
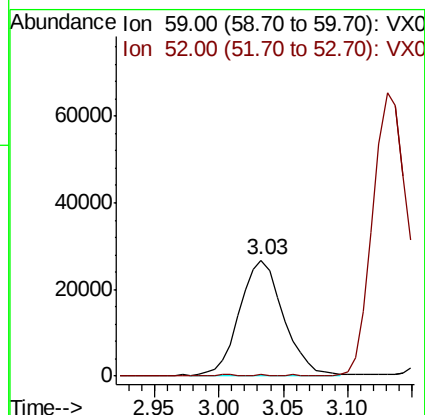
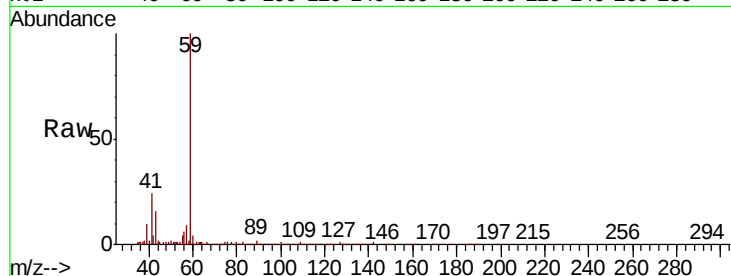
ICVVX031220

Tot Ion: 59 Resp: 62570

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.585 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015217.D

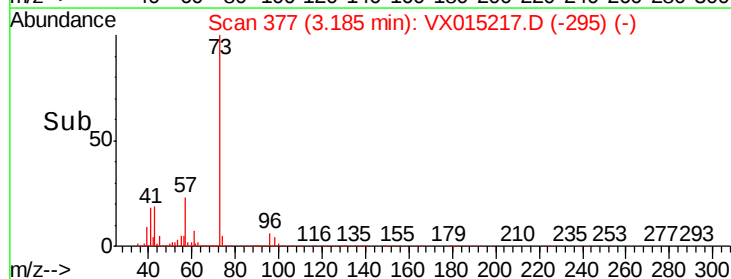
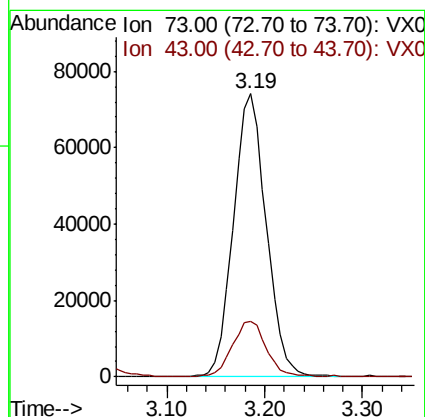
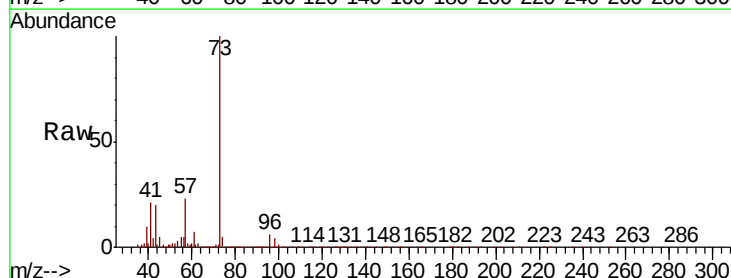
Acq: 11 Mar 2020 22:11

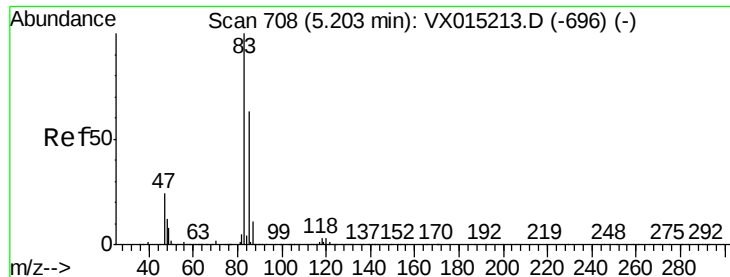
Tgt Ion: 73 Resp: 172252

Ion Ratio Lower Upper

73 100

43 20.0 16.4 24.6





#25

Chloroform

Concen: 18.981 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

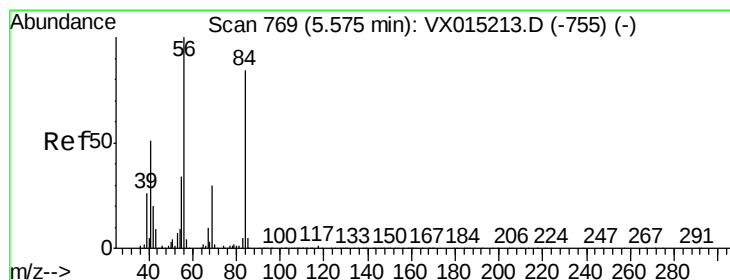
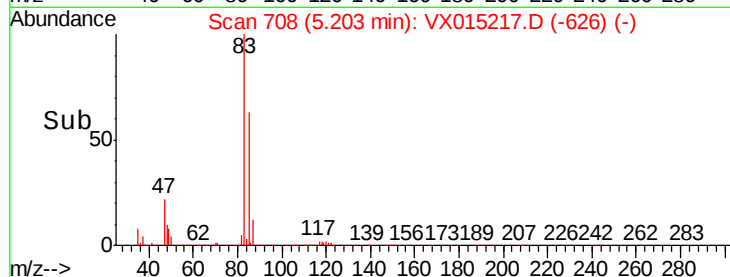
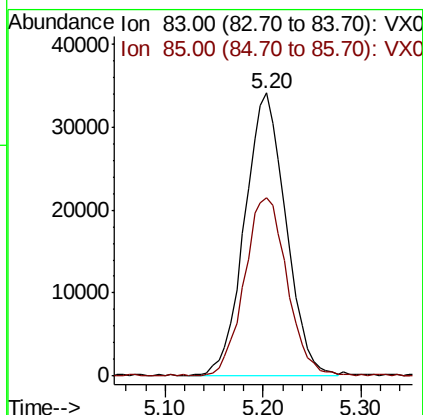
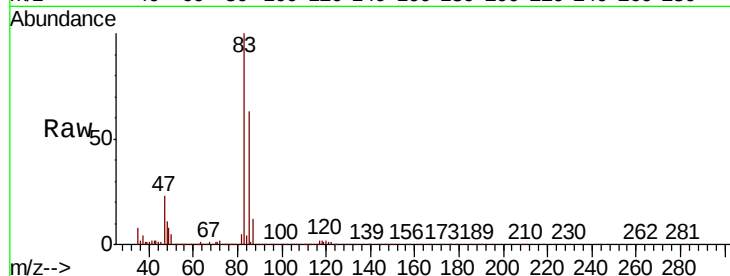
ICVVX031220

Tot Ion: 83 Resp: 99243

Ion Ratio Lower Upper

83 100

85 62.7 50.7 76.1



#26

Cyclohexane

Concen: 19.425 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

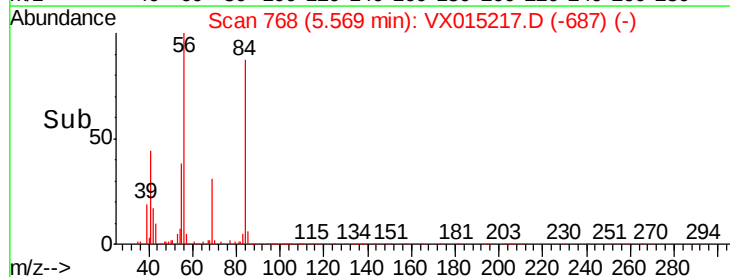
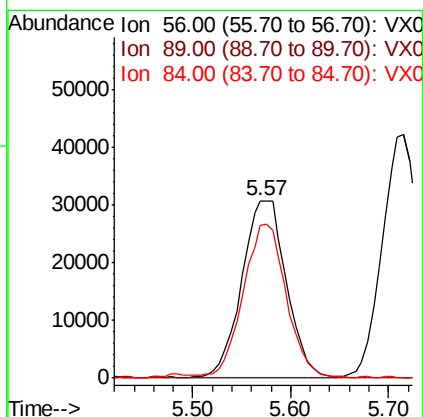
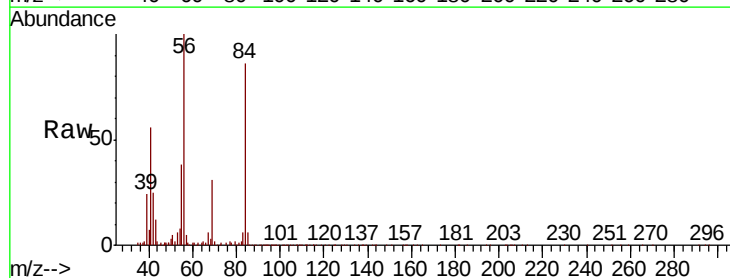
Tgt Ion: 56 Resp: 97167

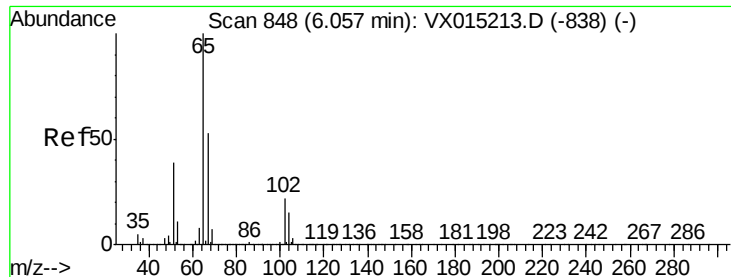
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 82.9 67.3 100.9





#27

1,2-Dichloroethane-d4

Concen: 28.870 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

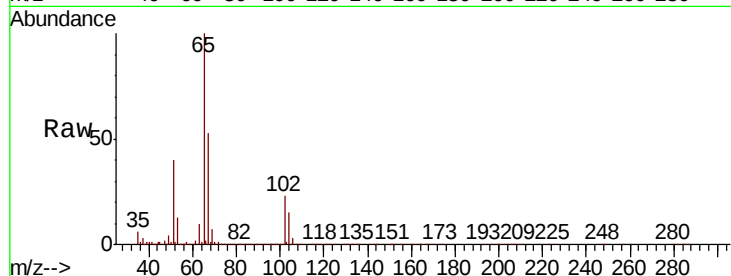
ICVVX031220

Tot Ion: 65 Resp: 97407

Ion Ratio Lower Upper

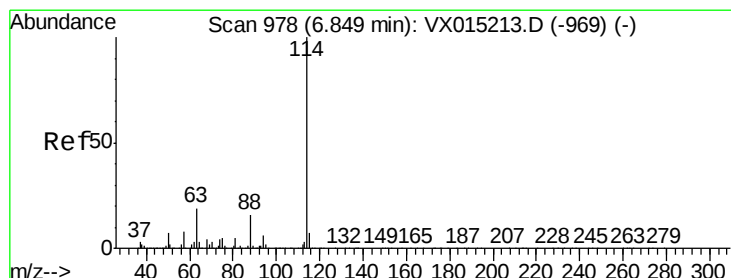
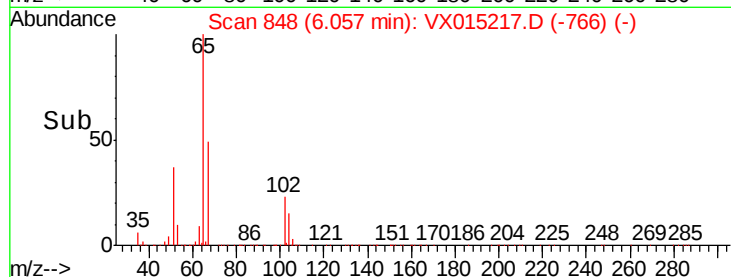
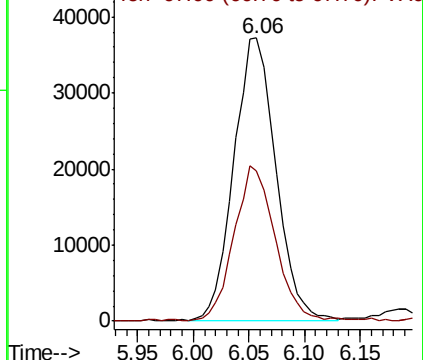
65 100

67 53.3 42.2 63.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

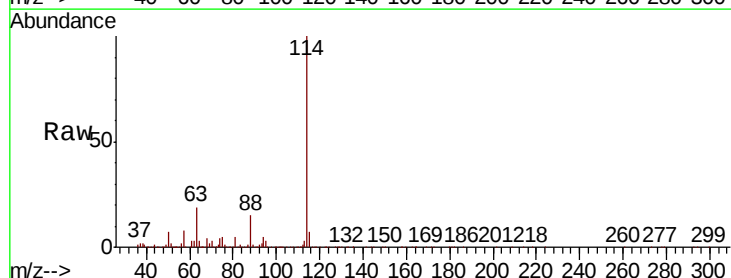
Tgt Ion: 114 Resp: 264988

Ion Ratio Lower Upper

114 100

63 20.0 15.8 23.6

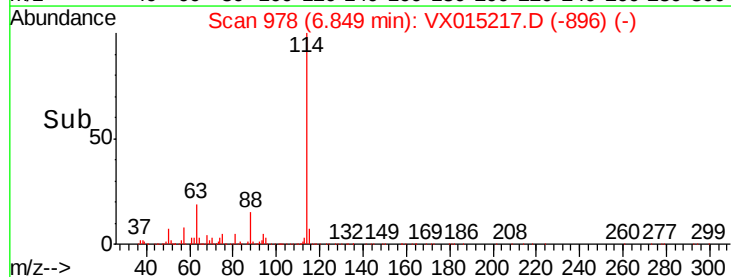
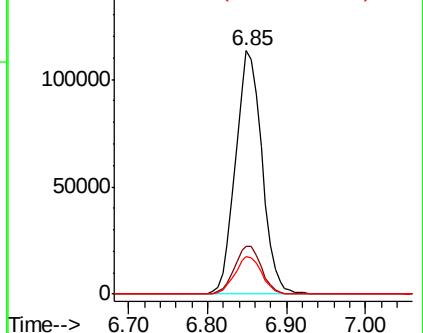
88 15.6 12.4 18.6

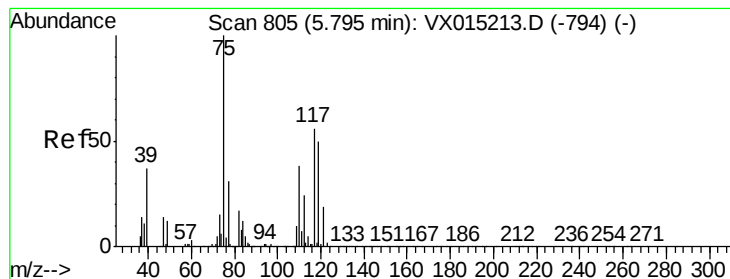


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.070 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

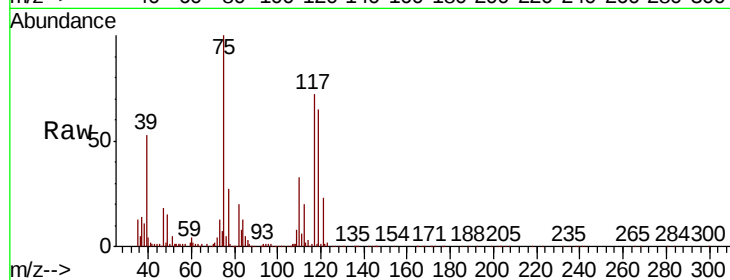
Tot Ion: 75 Resp: 79307

Ion Ratio Lower Upper

75 100

110 37.2 0.0 74.2

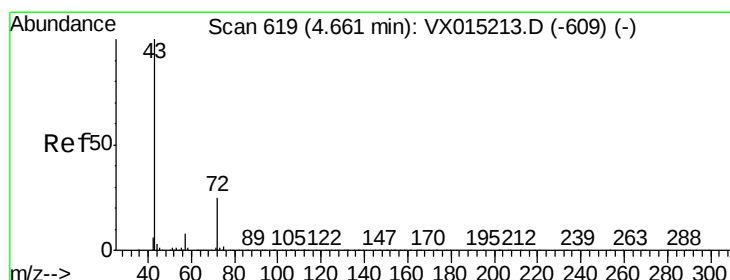
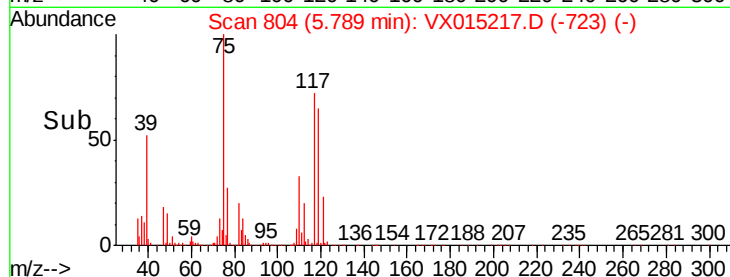
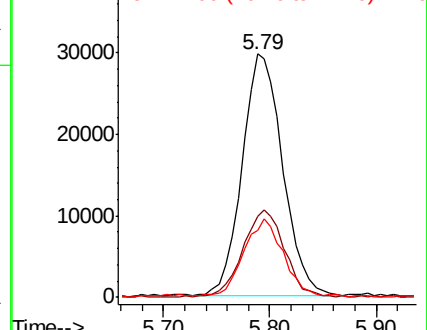
77 30.9 0.0 61.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 99.527 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

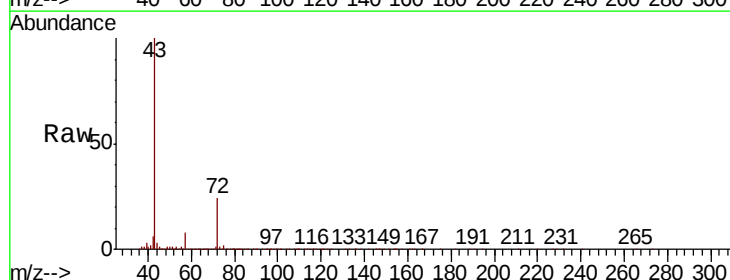
Tgt Ion: 43 Resp: 213682

Ion Ratio Lower Upper

43 100

57 7.9 6.0 9.0

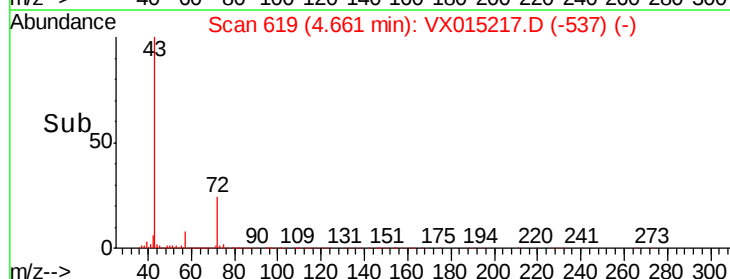
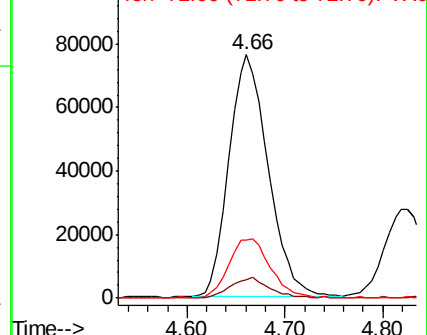
72 24.7 20.2 30.4

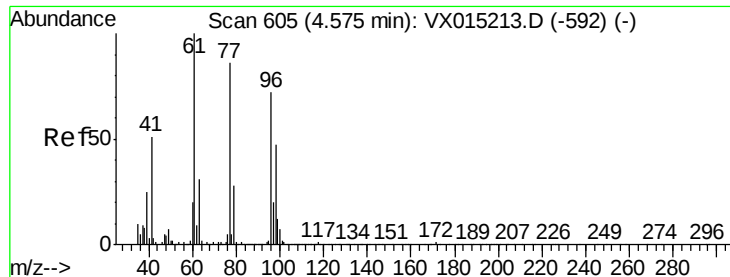


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.670 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

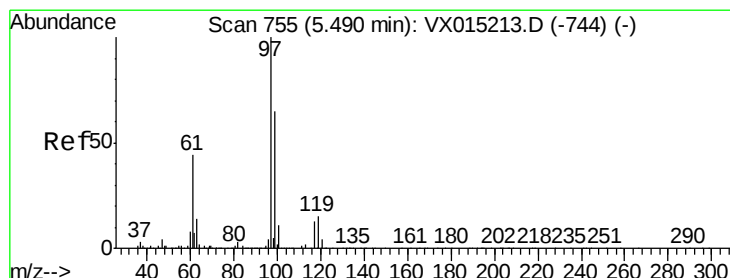
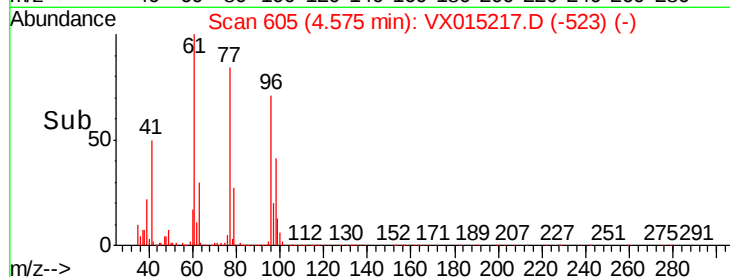
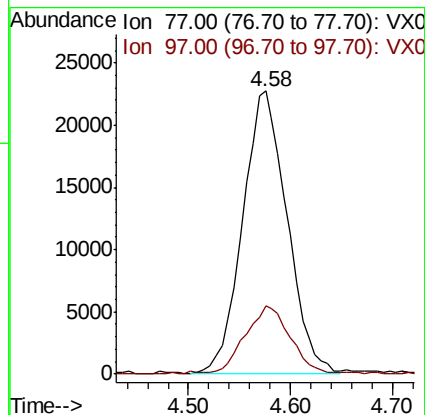
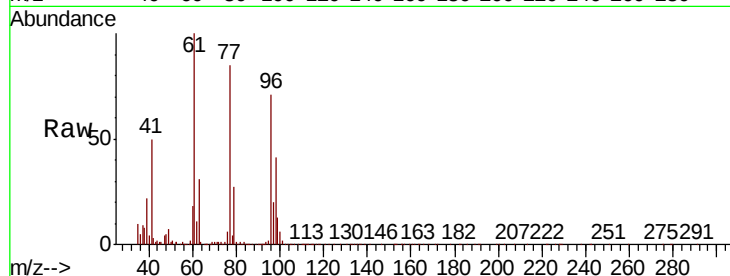
ICVVX031220

Tot Ion: 77 Resp: 68533

Ion Ratio Lower Upper

77 100

97 24.5 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 19.752 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

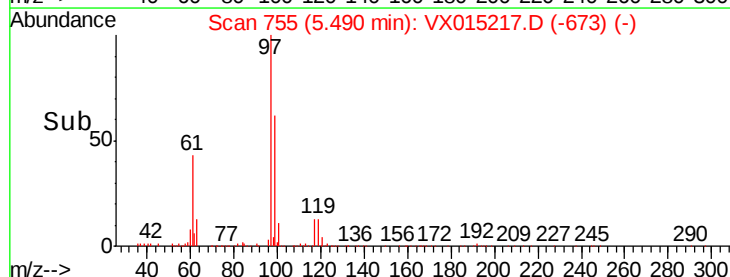
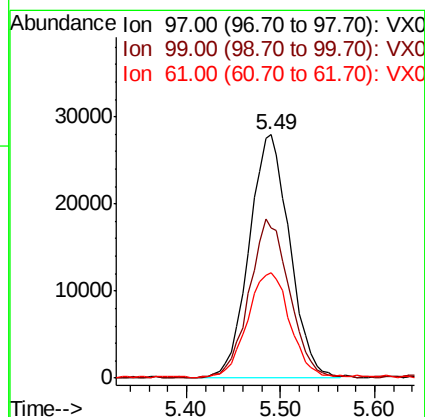
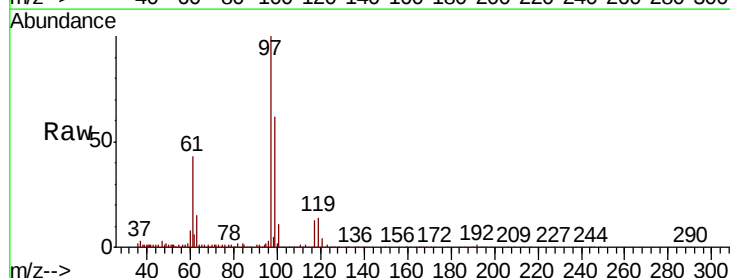
Tgt Ion: 97 Resp: 84235

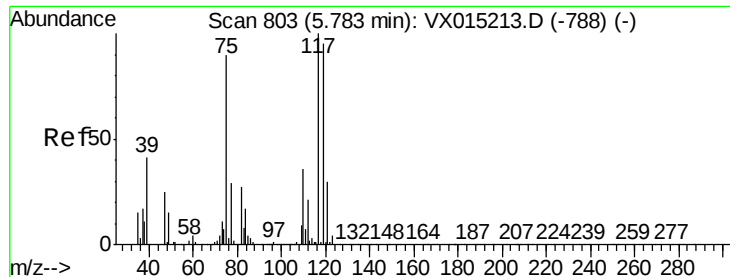
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

61 44.7 36.1 54.1





#33

Carbon Tetrachloride

Concen: 19.688 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

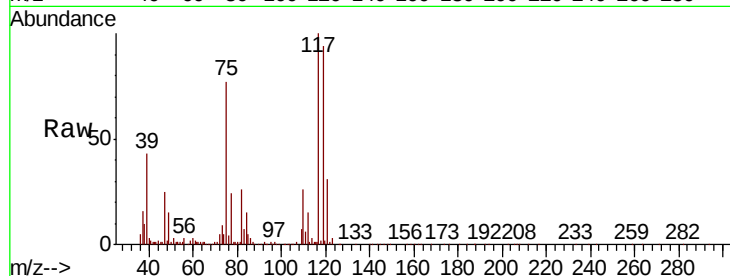
Tot Ion:117 Resp: 72895

Ion Ratio Lower Upper

117 100

119 94.0 76.2 114.2

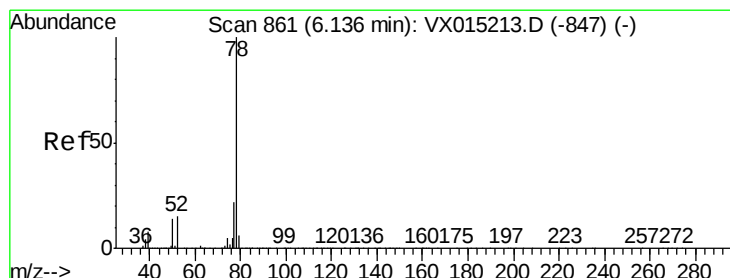
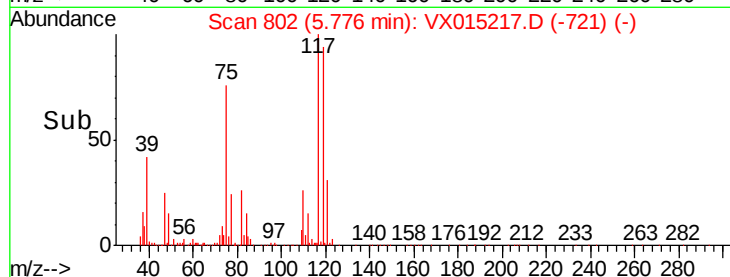
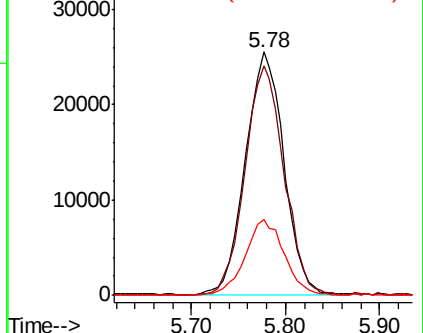
121 31.2 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.705 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

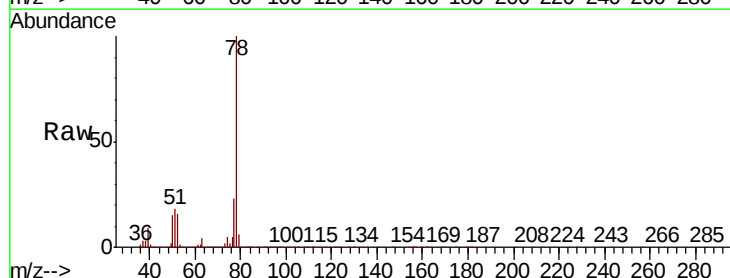
Tgt Ion: 78 Resp: 238958

Ion Ratio Lower Upper

78 100

77 22.7 17.9 26.9

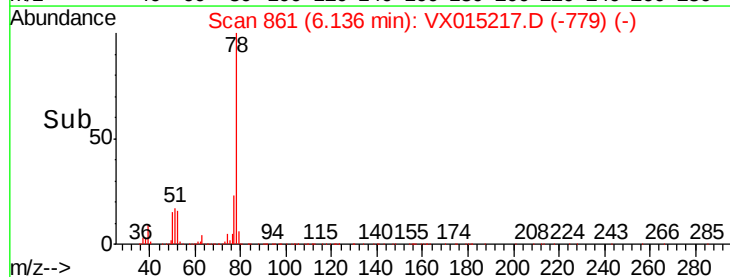
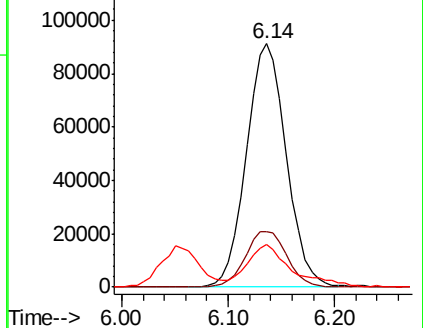
51 15.9 13.4 20.0

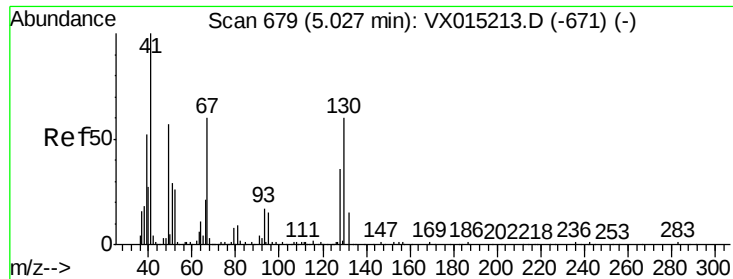


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

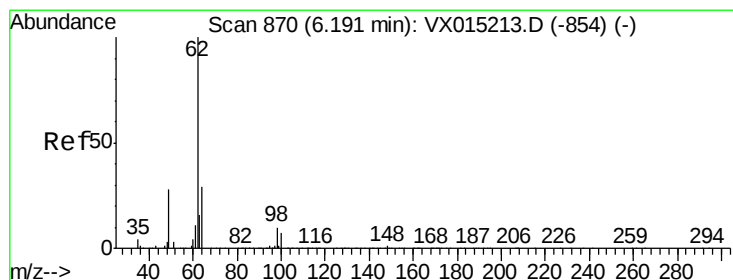
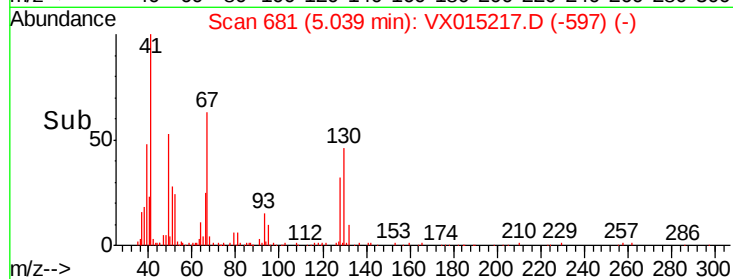
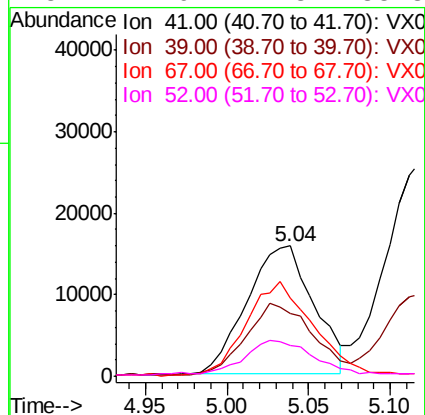
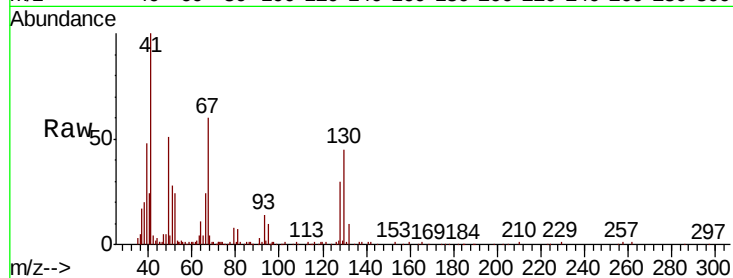




#35
Methacrylonitrile
Concen: 18.896 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

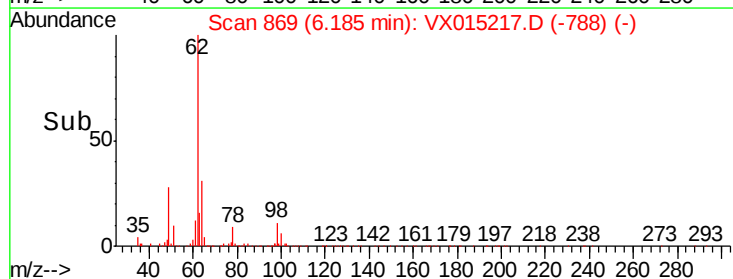
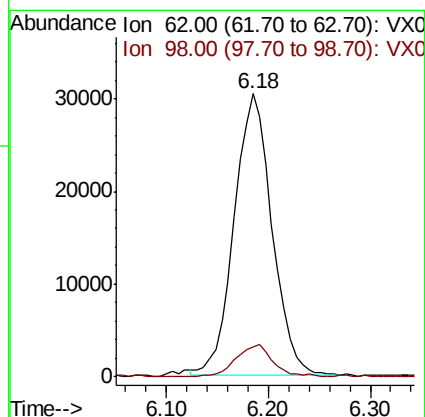
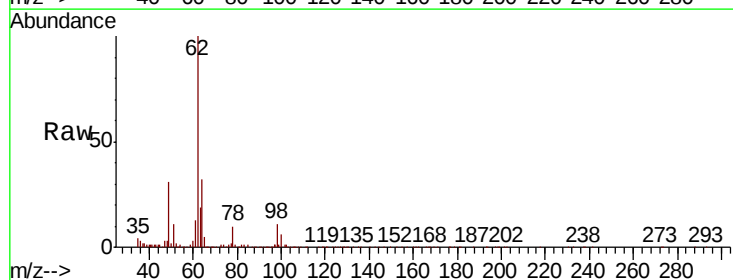
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

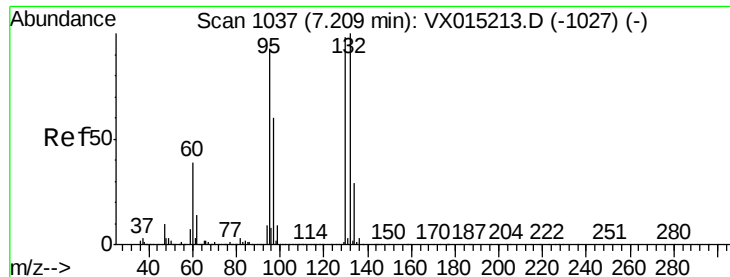
Tot Ion:	41	Resp:	44330
Ion	Ratio	Lower	Upper
41	100		
39	48.0	25.9	77.6
67	59.7	29.4	88.2
52	22.9	12.8	38.3



#36
1,2-Dichloroethane
Concen: 19.387 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion:	62	Resp:	78091
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.6	13.0

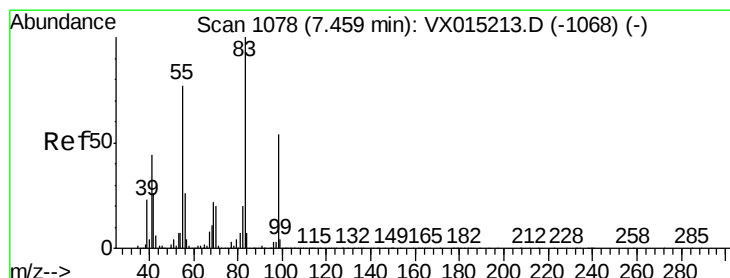
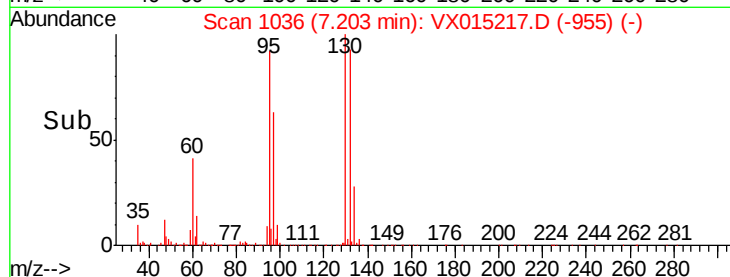
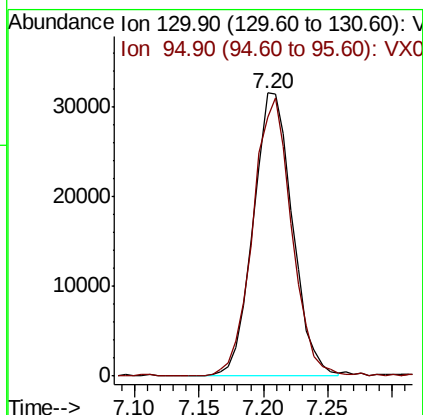
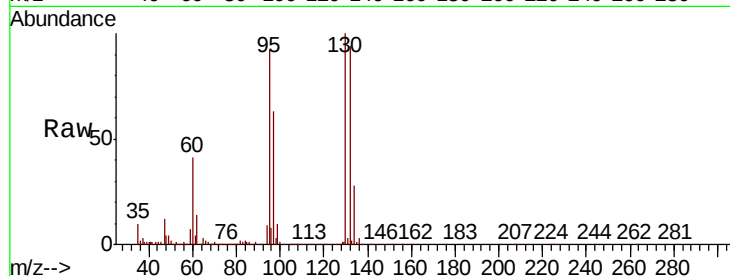




#37
 Trichloroethene
 Concen: 19.642 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

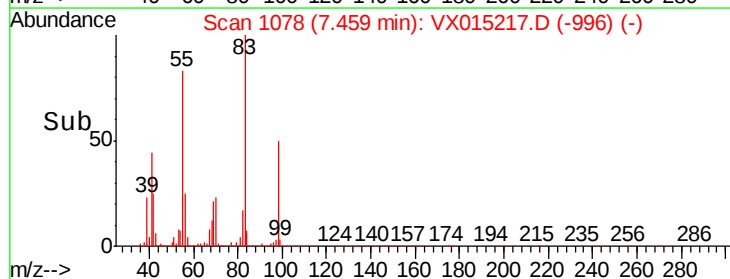
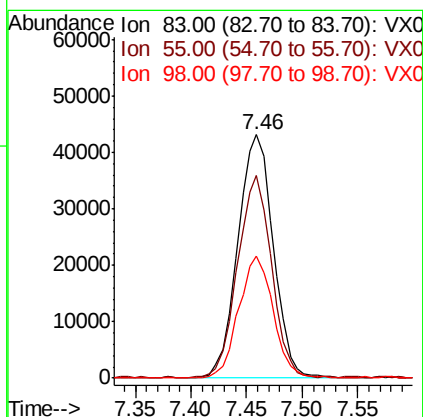
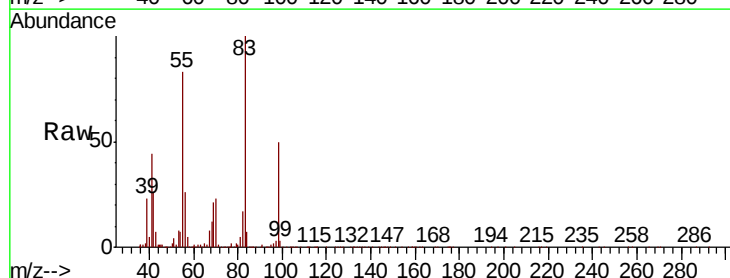
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

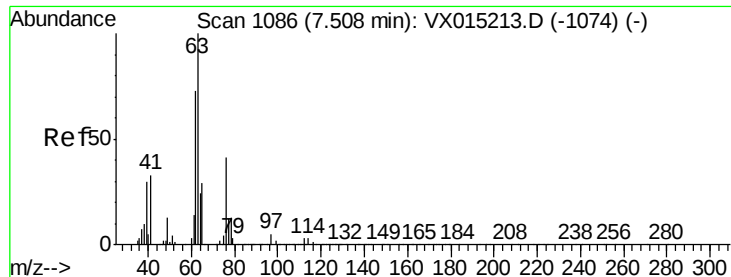
Tot Ion:130 Resp: 66552
 Ion Ratio Lower Upper
 130 100
 95 91.7 75.4 113.2



#38
 Methylcyclohexane
 Concen: 20.305 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion: 83 Resp: 94750
 Ion Ratio Lower Upper
 83 100
 55 79.8 39.9 119.6
 98 48.9 24.8 74.3

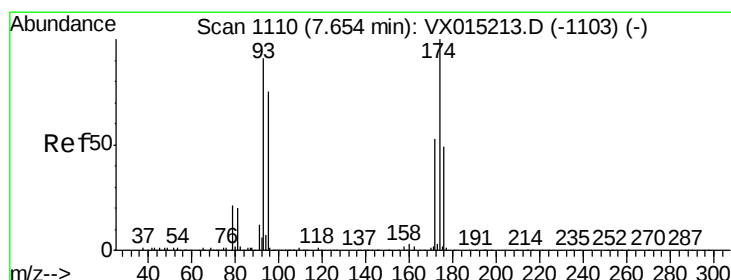
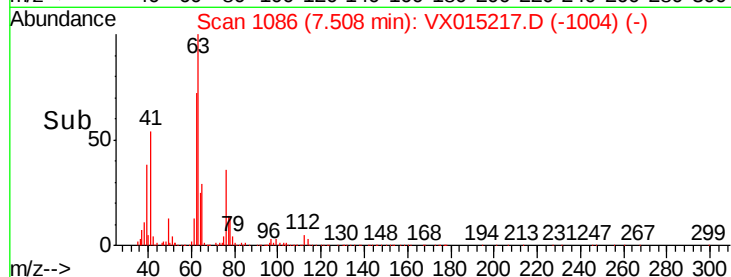
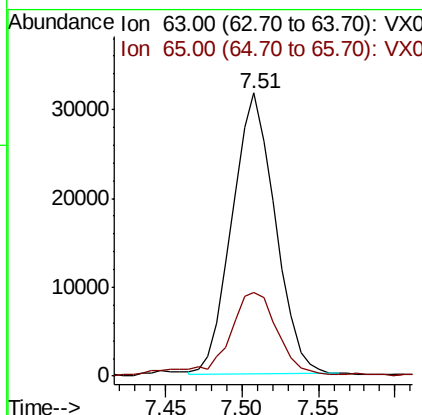
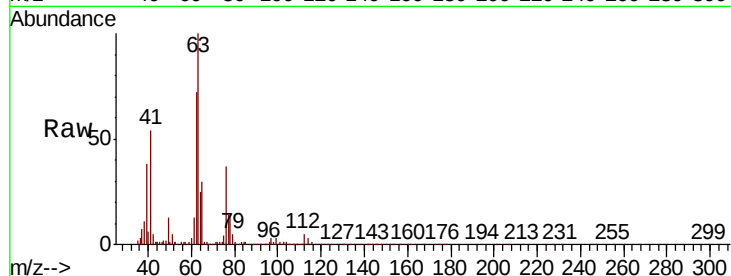




#39
 1,2-Dichloropropane
 Concen: 19.750 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

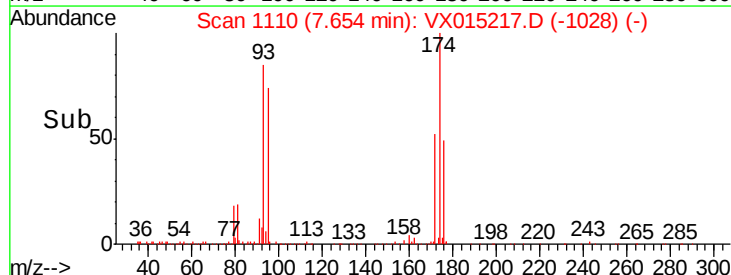
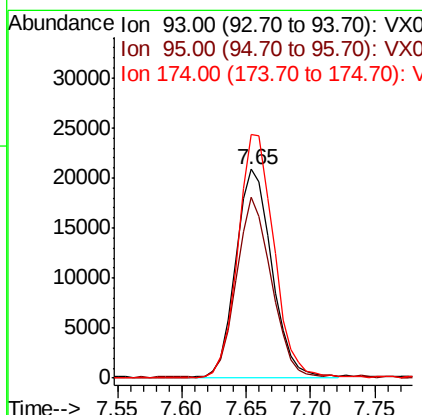
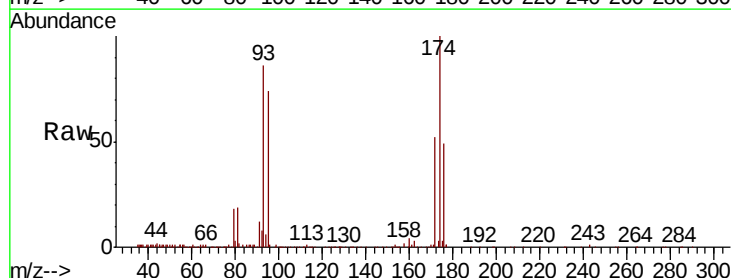
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

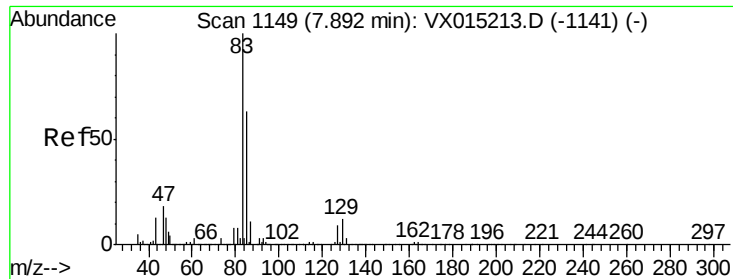
Tot Ion: 63 Resp: 61626
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.8 35.8



#40
 Dibromomethane
 Concen: 20.116 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion: 93 Resp: 40796
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 159.6
 174 115.5 0.0 225.2





#41

Bromodichloromethane

Concen: 19.837 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

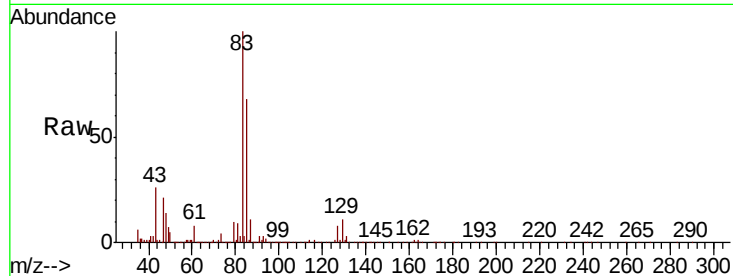
Tot Ion: 83 Resp: 76862

Ion Ratio Lower Upper

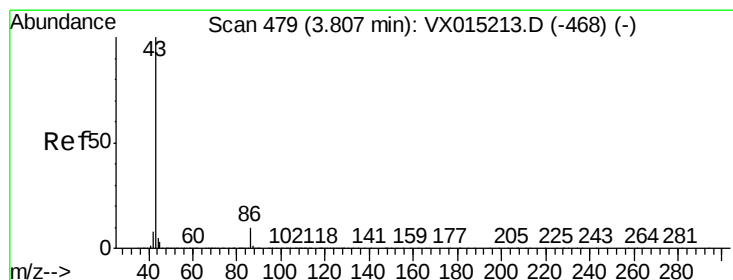
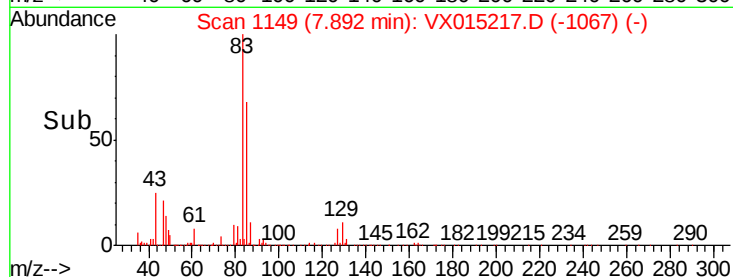
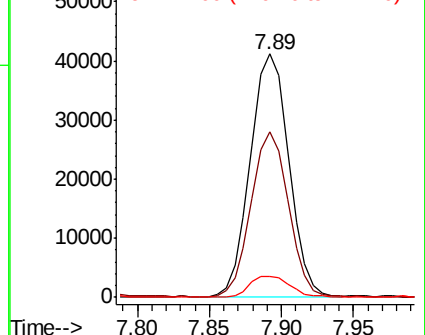
83 100

85 67.9 50.0 75.0

127 8.2 7.1 10.7



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: 99.792 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015217.D

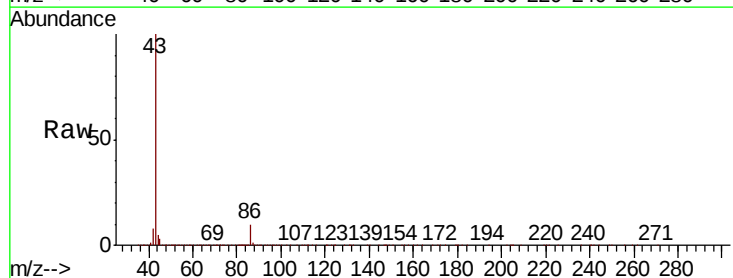
Acq: 11 Mar 2020 22:11

Tgt Ion: 43 Resp: 833040

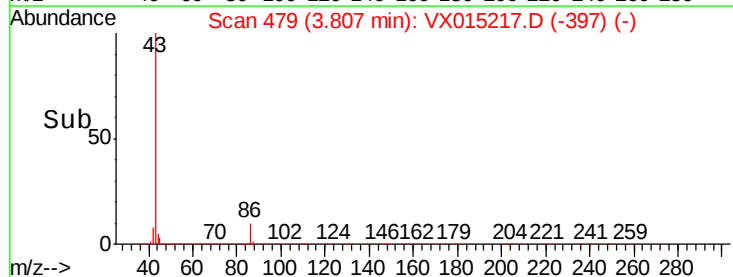
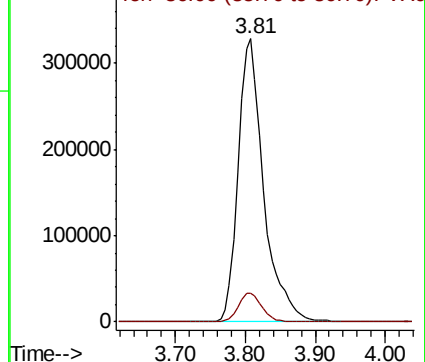
Ion Ratio Lower Upper

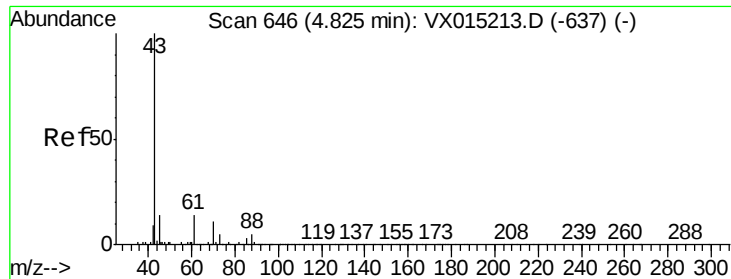
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

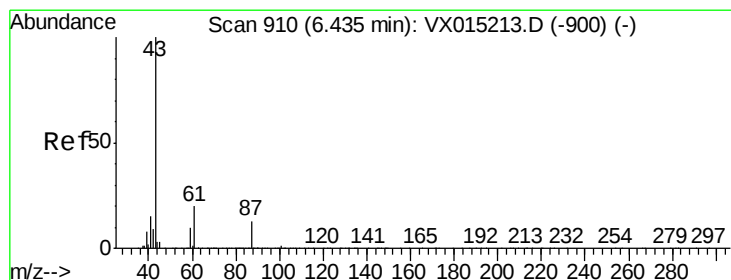
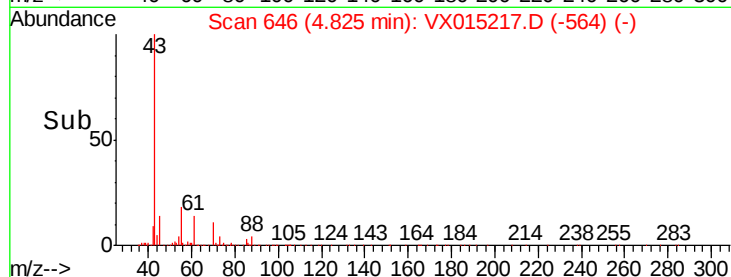
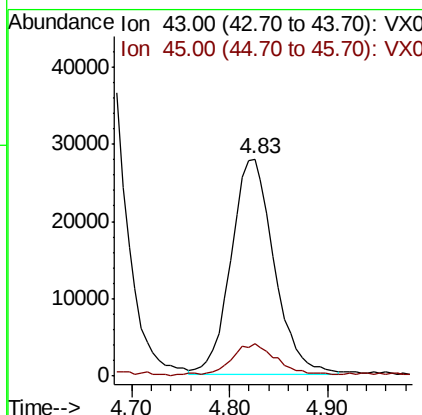
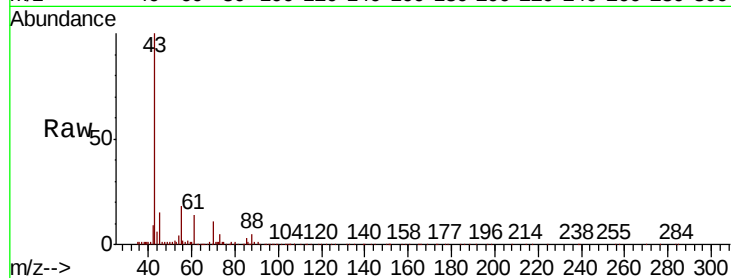




#43
Ethyl Acetate
Concen: 19.879 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

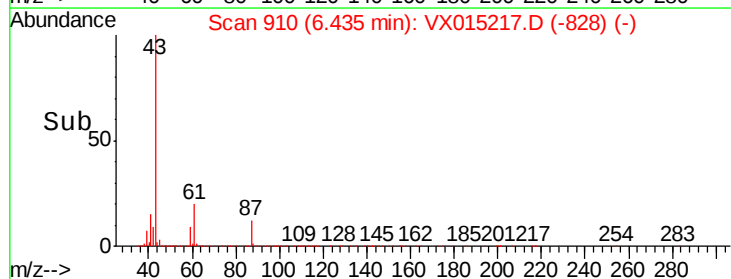
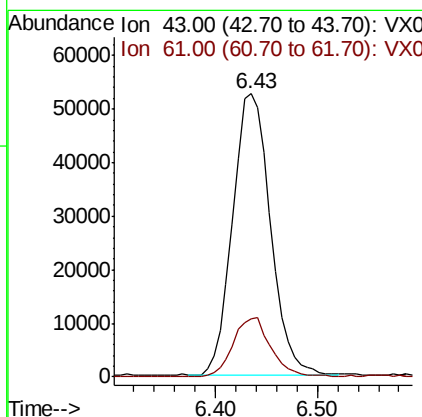
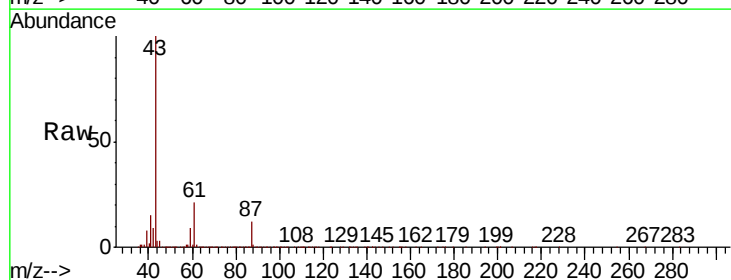
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

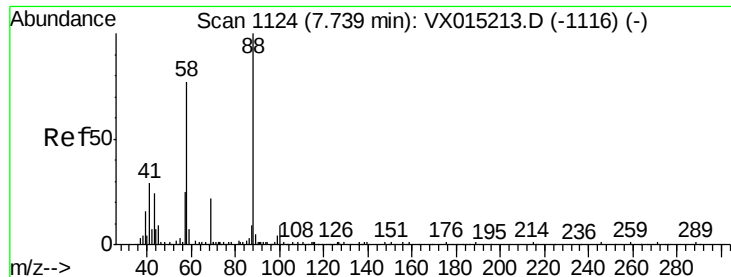
Tot Ion: 43 Resp: 85008
Ion Ratio Lower Upper
43 100
45 13.8 0.1 0.1#



#44
Isopropyl Acetate
Concen: 19.510 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 43 Resp: 136306
Ion Ratio Lower Upper
43 100
61 20.5 16.7 25.1





#45

1,4-Dioxane

Concen: 422.105 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

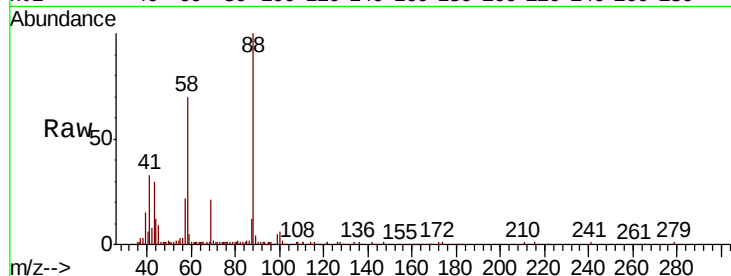
MSVOA_X

ClientSampleId :

ICVX031220

Tot Ion: 88 Resp: 30680

Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.8	37.2
58	72.6	59.7	89.5

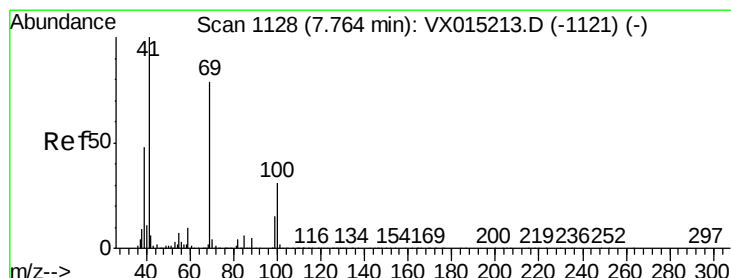
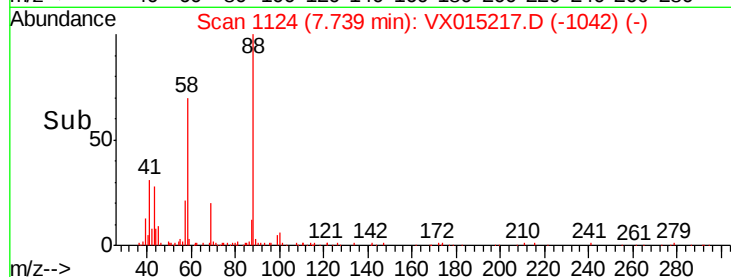
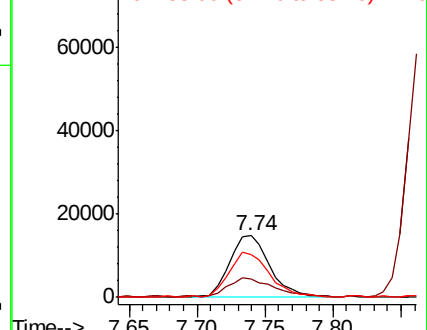


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 20.148 ug/l

RT: 7.76 min Scan# 1128

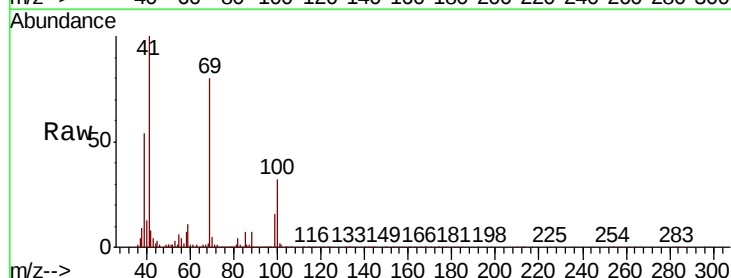
Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Tgt Ion: 41 Resp: 68789

Ion	Ratio	Lower	Upper
41	100		
69	80.4	39.6	118.7
39	53.6	23.5	70.6

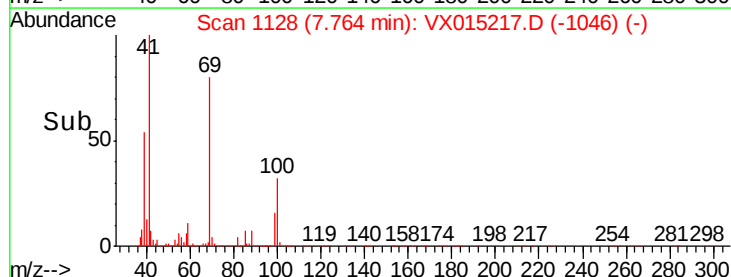
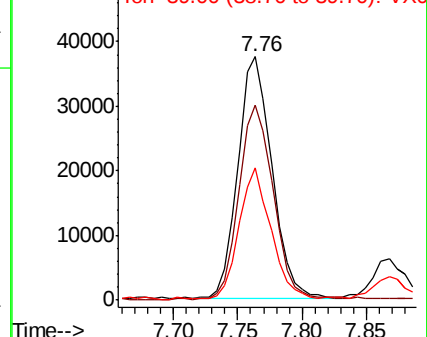


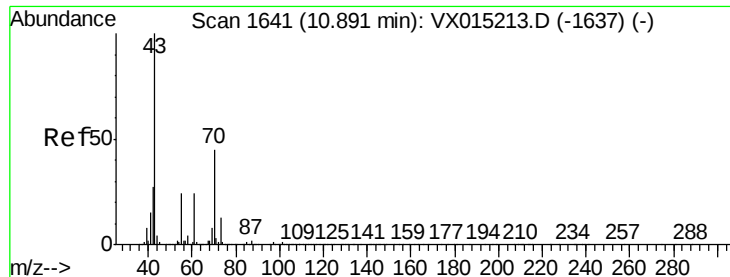
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.447 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

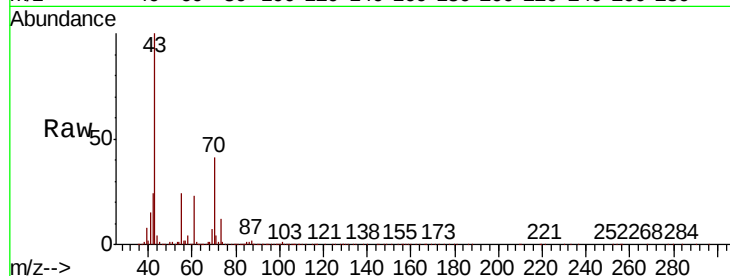
ICVVX031220

Tot Ion: 43 Resp: 113650

Ion Ratio Lower Upper

43 100

55 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

100000

80000

60000

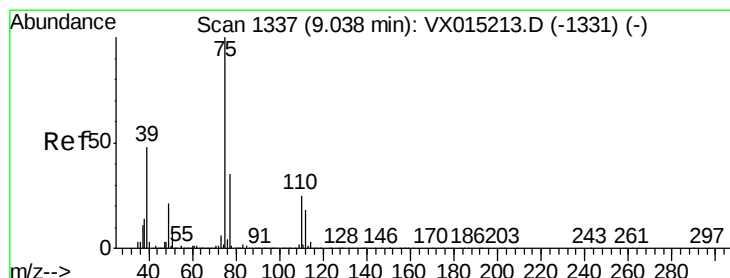
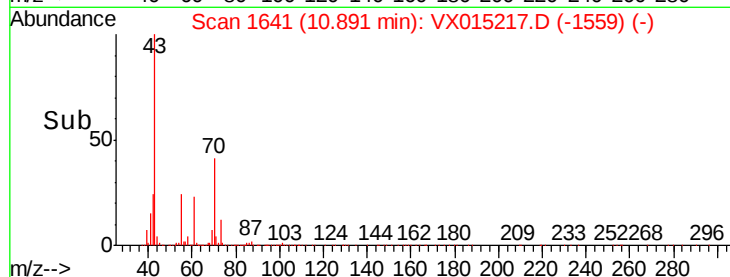
40000

20000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 20.585 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015217.D

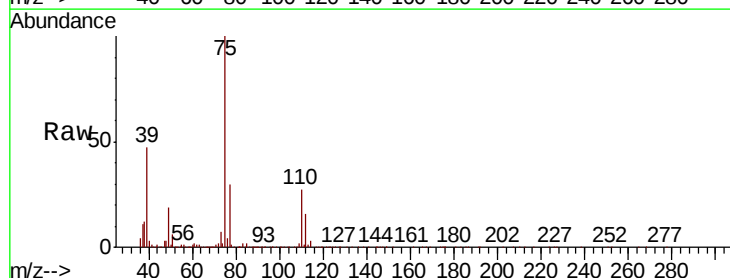
Acq: 11 Mar 2020 22:11

Tgt Ion: 75 Resp: 86601

Ion Ratio Lower Upper

75 100

77 30.1 27.7 41.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

60000

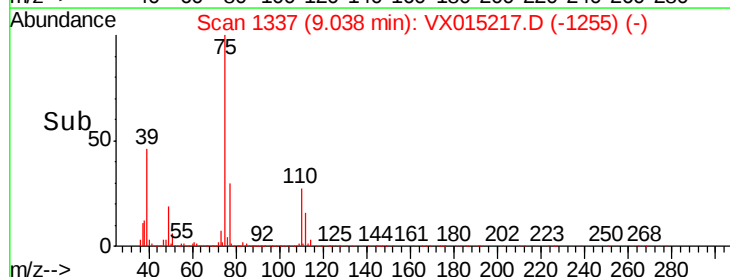
40000

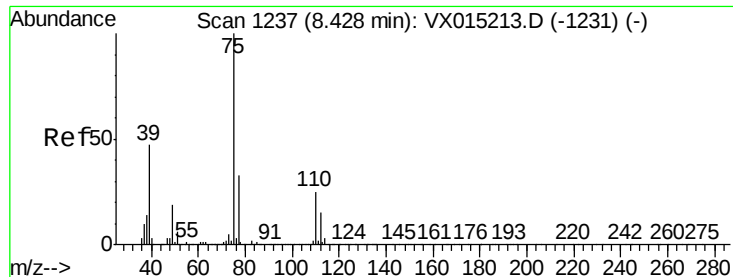
20000

0

8.95 9.00 9.05 9.10

Time-->



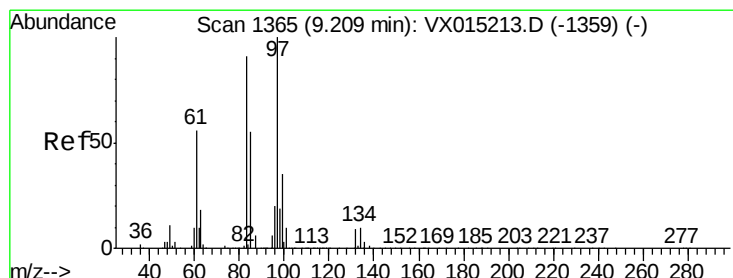
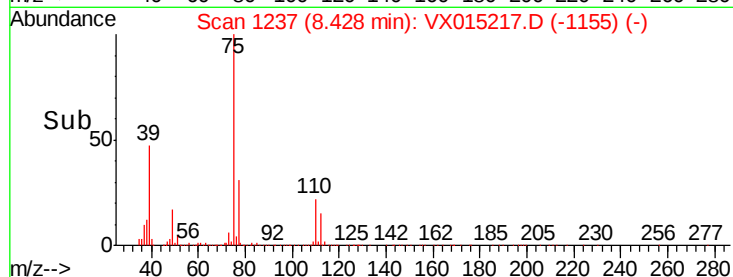
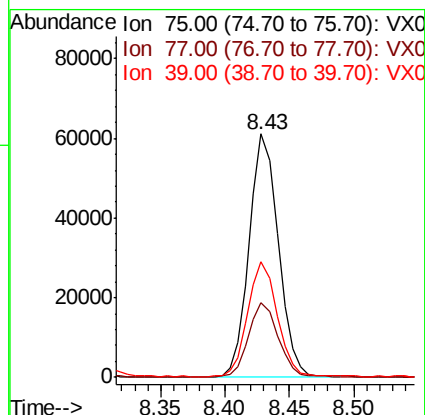
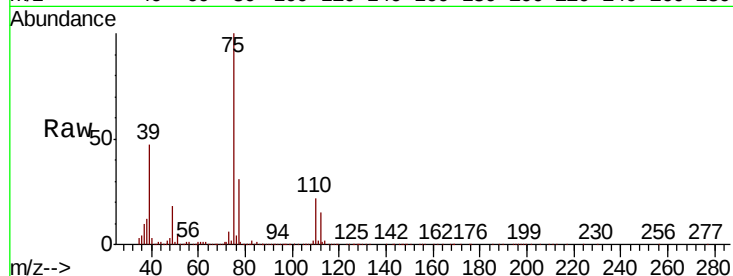


#49

cis-1,3-Dichloropropene
 Concen: 20.153 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

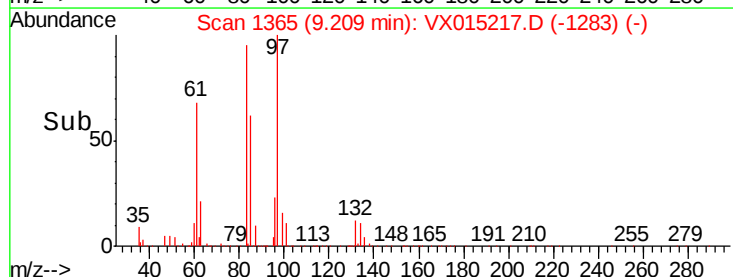
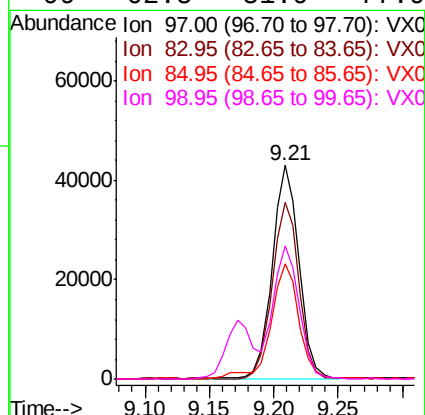
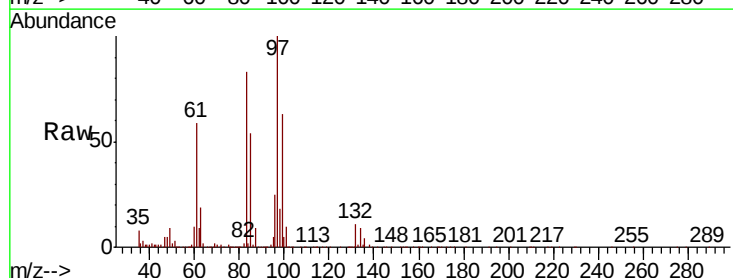
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.5	39.7
39	47.1	37.4	56.2

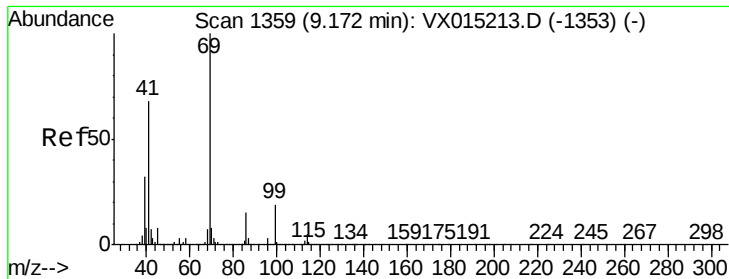


#50

1,1,2-Trichloroethane
 Concen: 20.756 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	72.4	108.6
85	54.0	46.6	69.8
99	62.5	51.9	77.9





#51

Ethyl methacrylate

Concen: 19.853 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

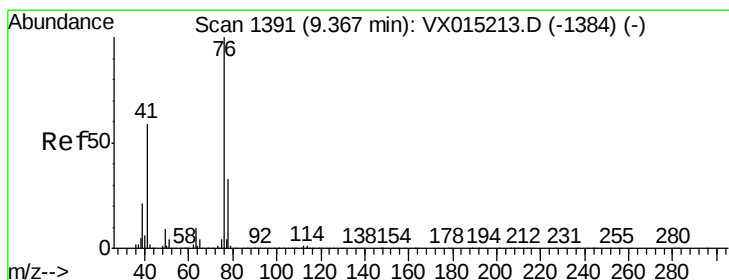
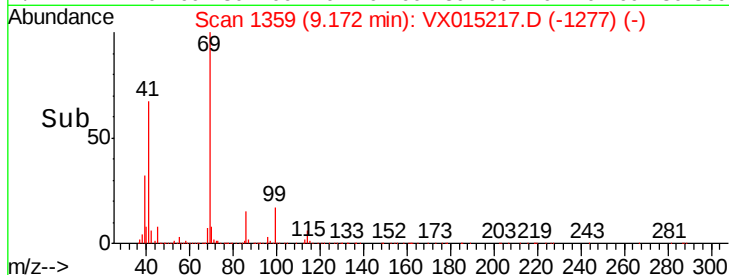
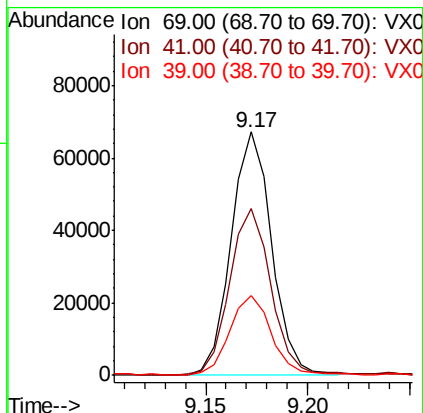
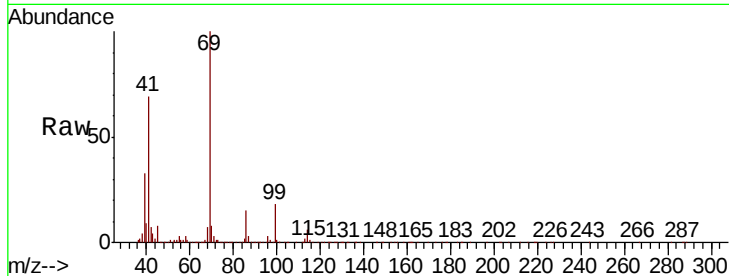
Tot Ion: 69 Resp: 92088

Ion Ratio Lower Upper

69 100

41 68.3 33.8 101.3

39 32.3 16.1 48.2



#52

1,3-Dichloropropane

Concen: 20.356 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015217.D

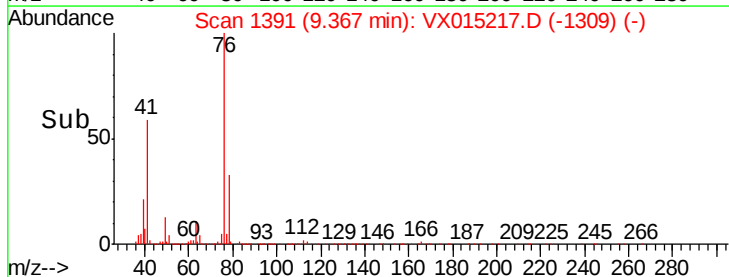
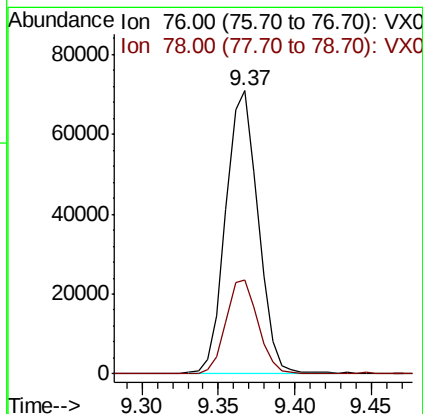
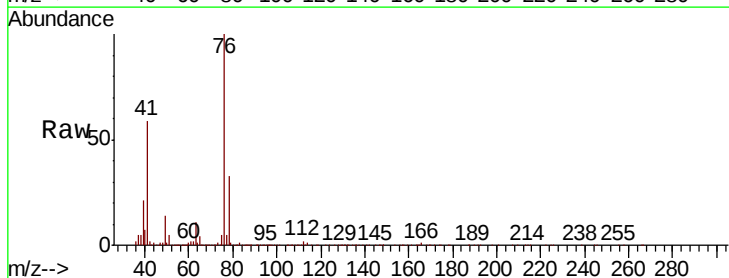
Acq: 11 Mar 2020 22:11

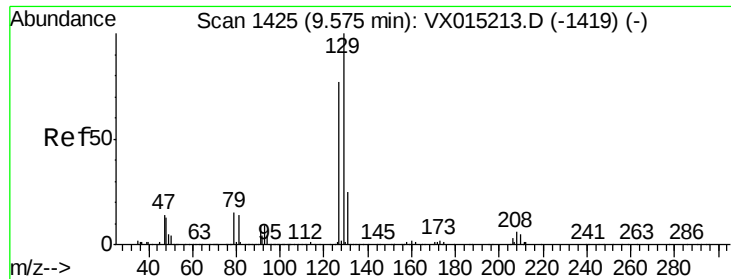
Tgt Ion: 76 Resp: 104080

Ion Ratio Lower Upper

76 100

78 32.9 0.0 65.0





#53

Dibromochloromethane

Concen: 19.805 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

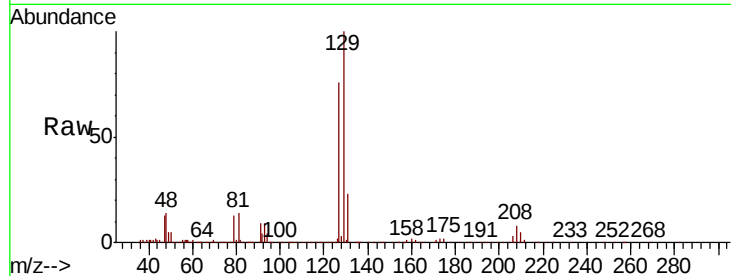
ICVVX031220

Tot Ion:129 Resp: 63057

Ion Ratio Lower Upper

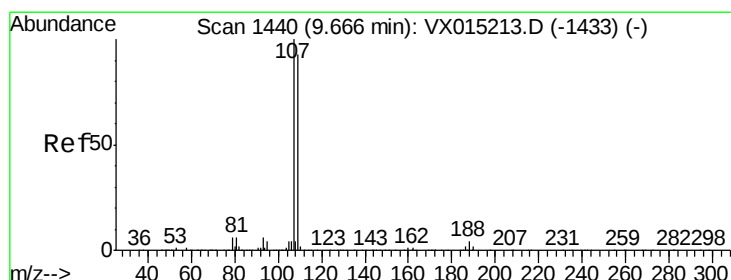
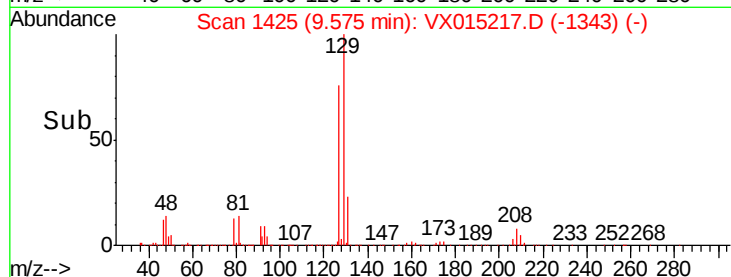
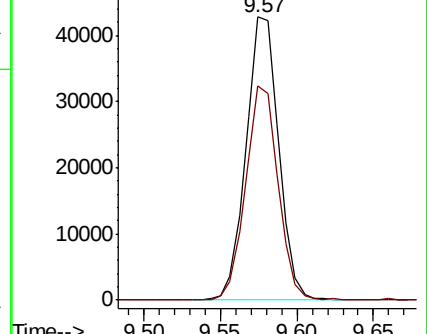
129 100

127 75.7 38.6 115.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.651 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015217.D

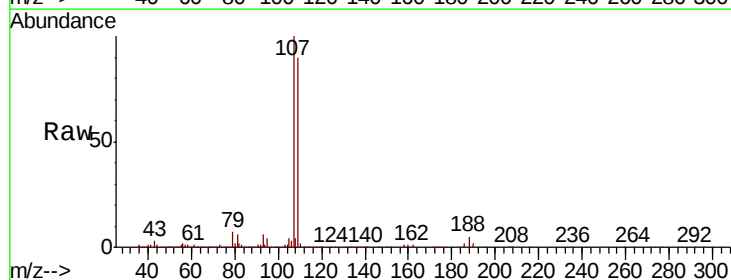
Acq: 11 Mar 2020 22:11

Tgt Ion:107 Resp: 64718

Ion Ratio Lower Upper

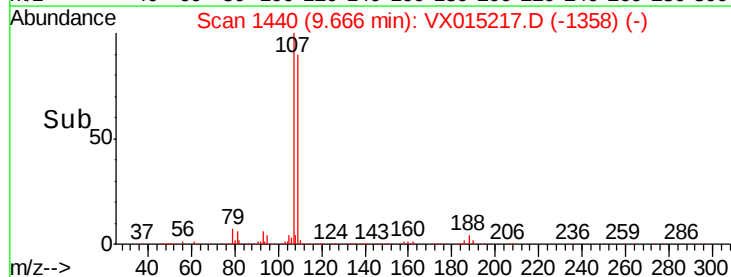
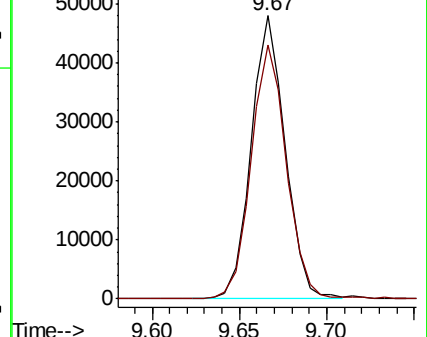
107 100

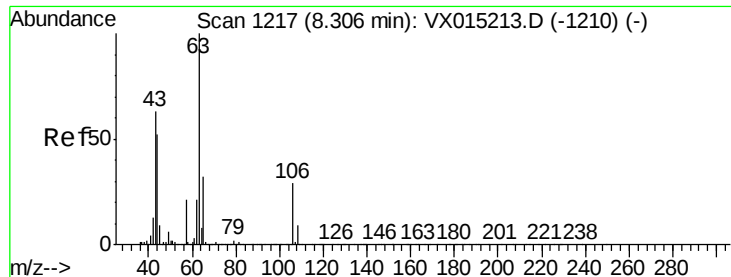
109 92.8 75.4 113.2



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: 101.648 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

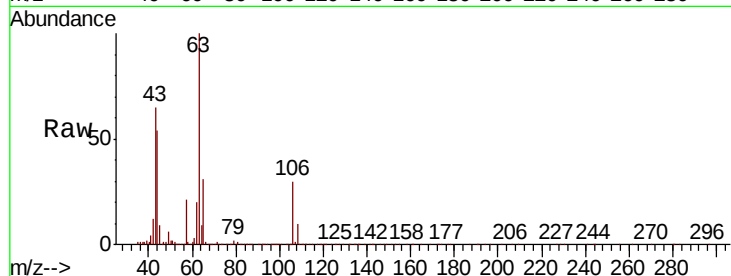
Tot Ion: 63 Resp: 241734

Ion Ratio Lower Upper

63 100

65 31.9 25.9 38.9

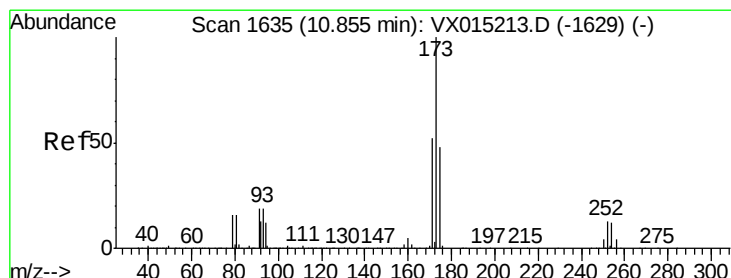
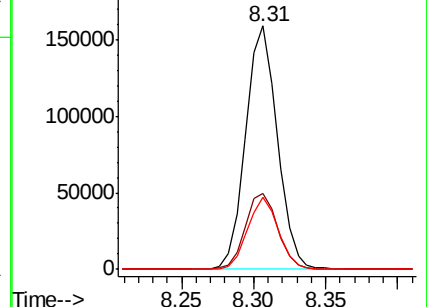
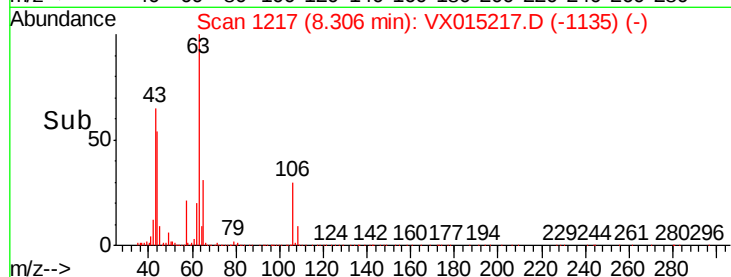
106 29.1 23.1 34.7



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: 19.994 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

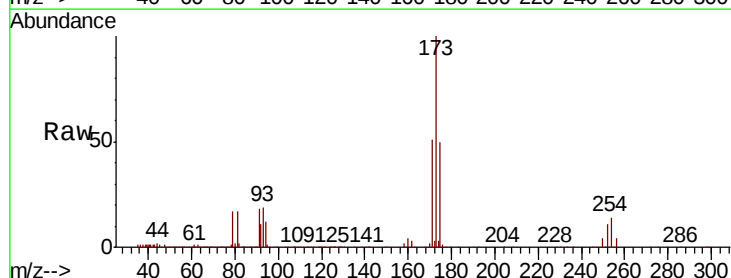
Tgt Ion: 173 Resp: 48390

Ion Ratio Lower Upper

173 100

175 47.6 40.0 60.0

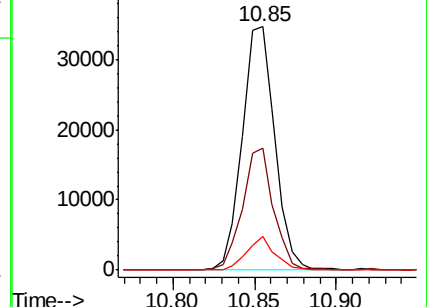
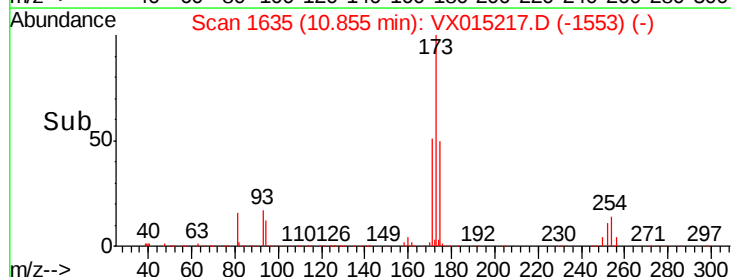
254 11.8 9.1 13.7

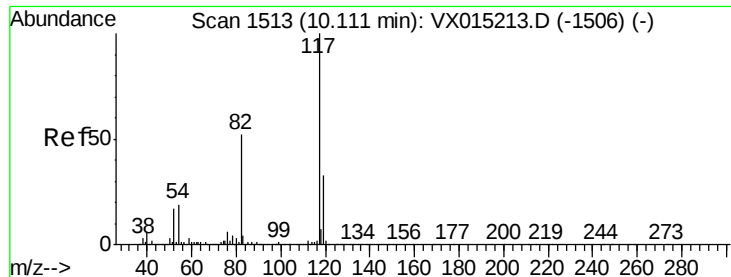


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

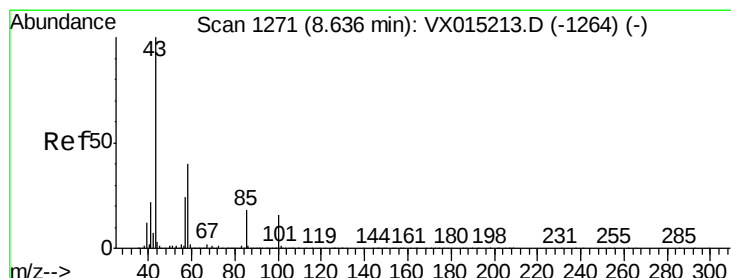
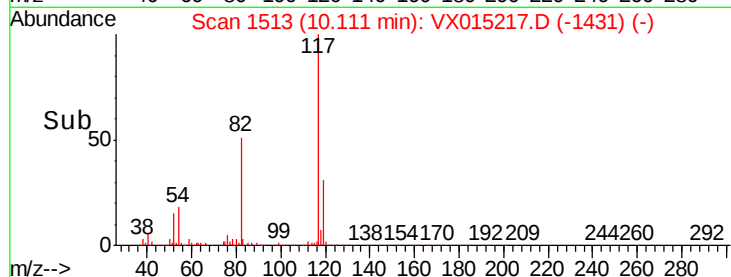
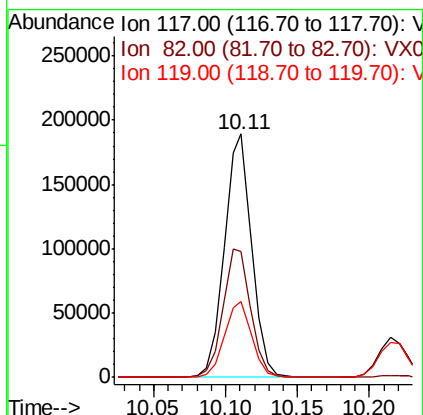
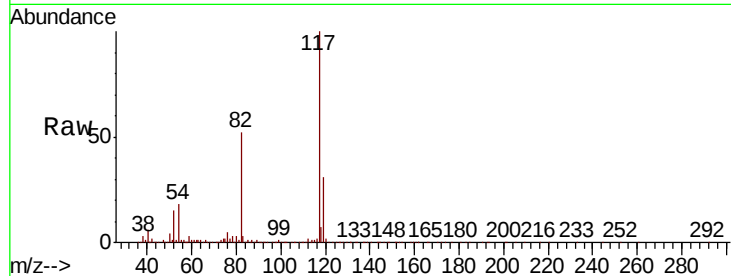




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

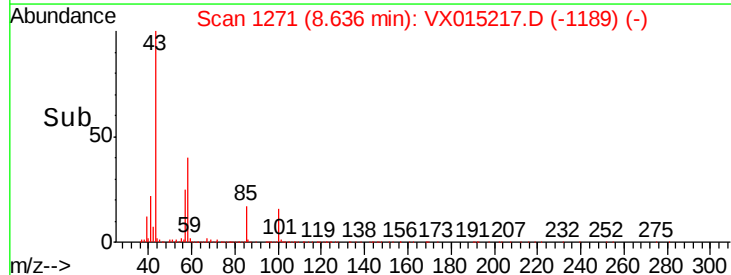
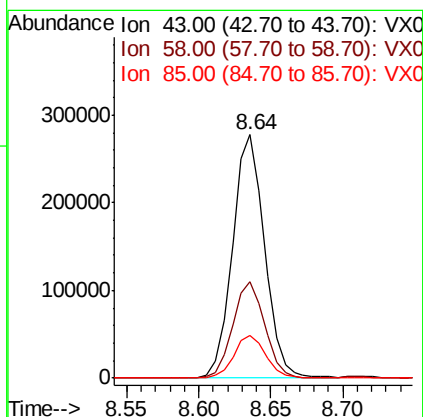
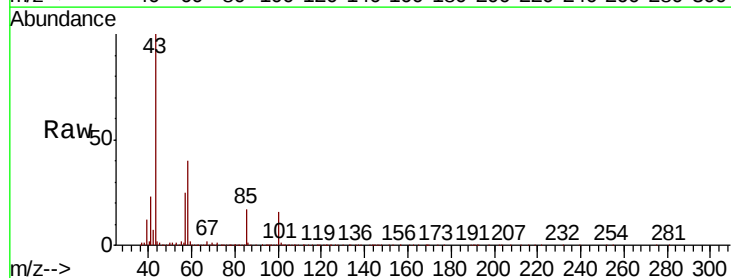
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

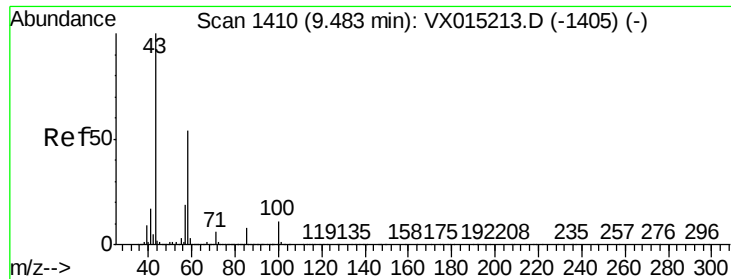
Tot Ion:117 Resp: 251220
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 31.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 98.694 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 43 Resp: 430416
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.8
85 17.4 13.8 20.6

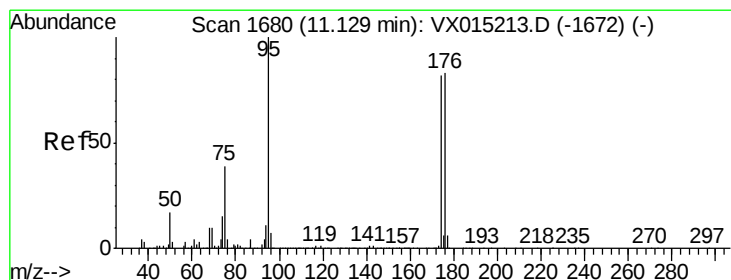
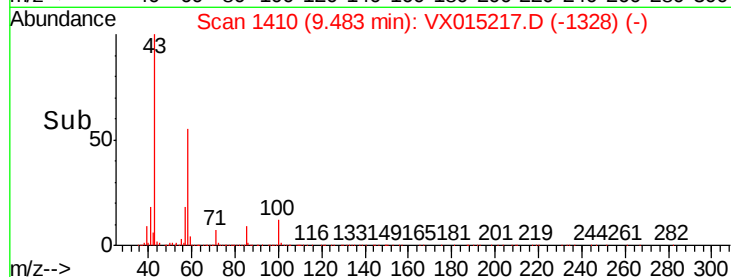
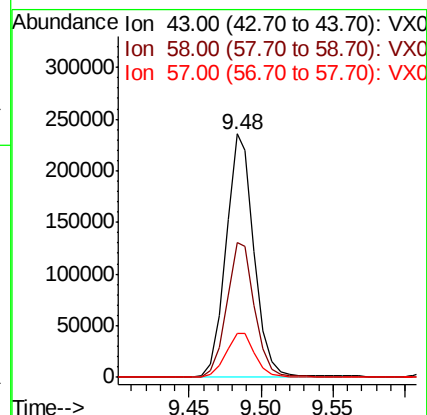
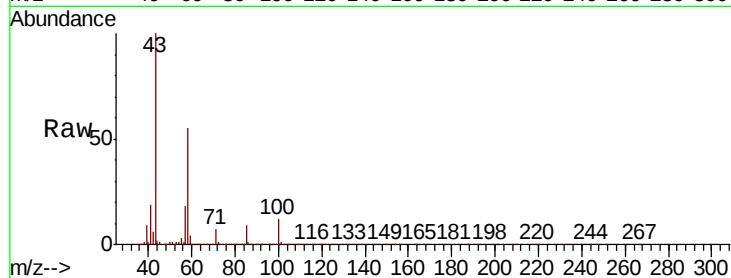




#59
2-Hexanone
Concen: 98.310 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

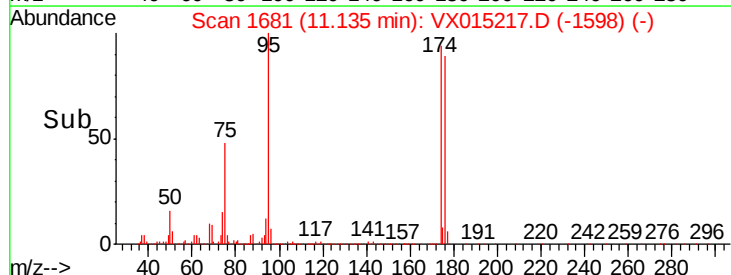
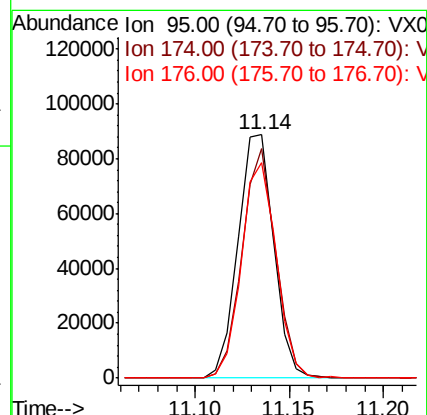
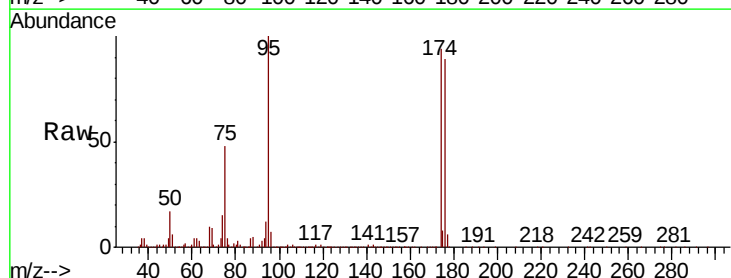
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

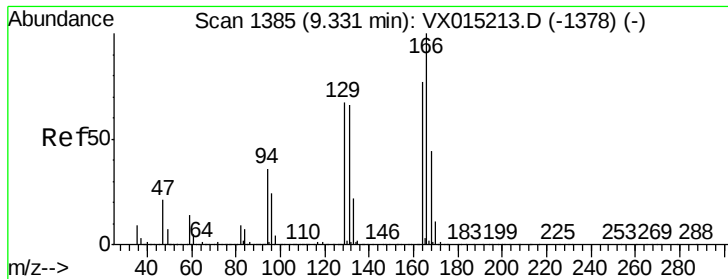
Tot Ion: 43 Resp: 320842
Ion Ratio Lower Upper
43 100
58 55.8 44.2 66.4
57 18.8 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.652 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 95 Resp: 117125
Ion Ratio Lower Upper
95 100
174 88.8 71.9 107.9
176 86.4 71.1 106.7





#61

Tetrachloroethene

Concen: 19.461 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion:164 Resp: 67587

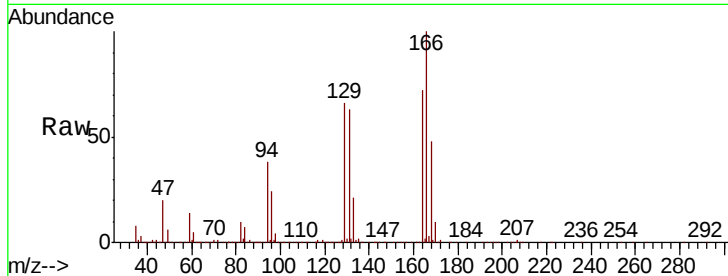
Ion Ratio Lower Upper

164 100

166 138.5 103.4 155.2

129 91.7 69.1 103.7

131 87.2 68.1 102.1



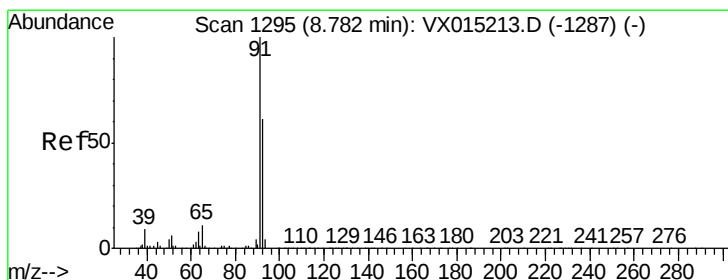
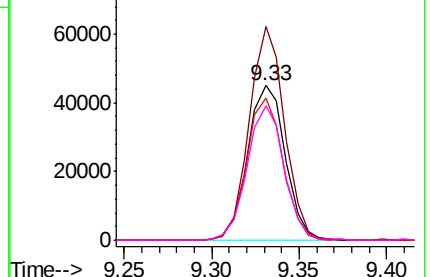
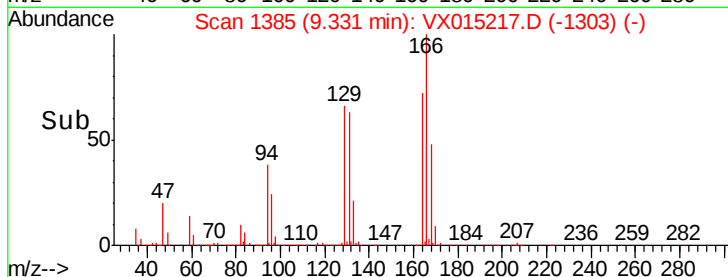
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



#62

Toluene

Concen: 19.432 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015217.D

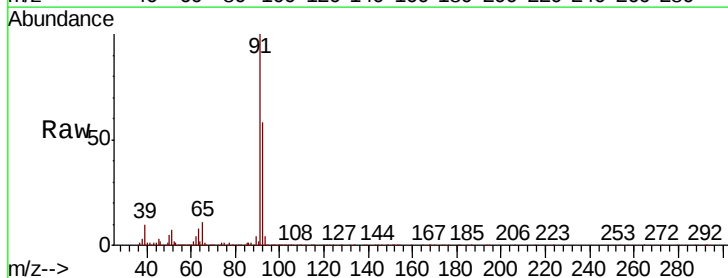
Acq: 11 Mar 2020 22:11

Tgt Ion: 91 Resp: 257362

Ion Ratio Lower Upper

91 100

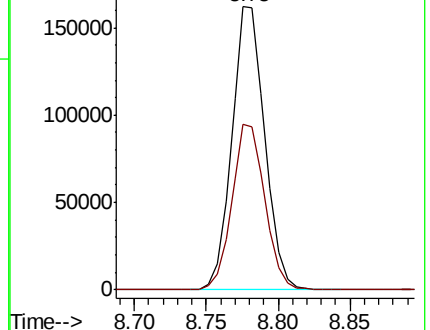
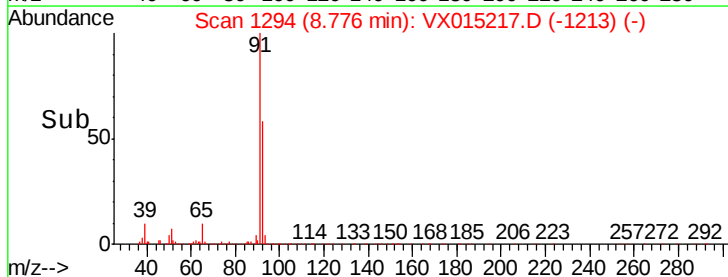
92 58.7 46.9 70.3

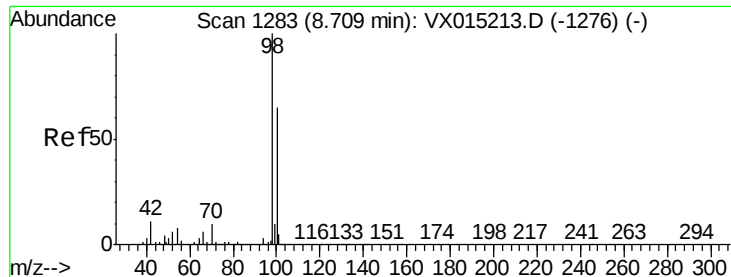


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Time-->





#63

Toluene-d8

Concen: 29.447 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

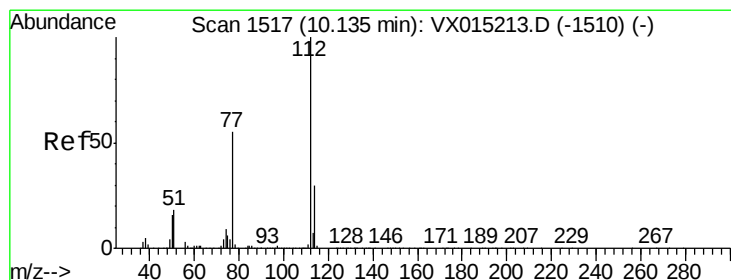
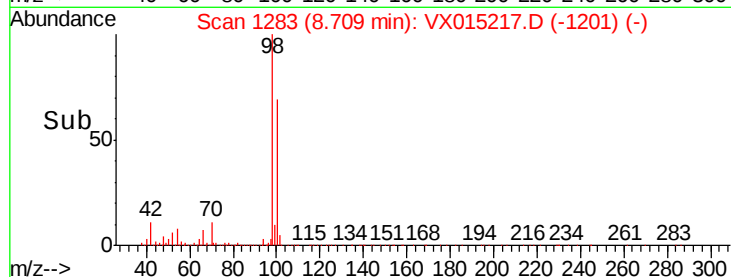
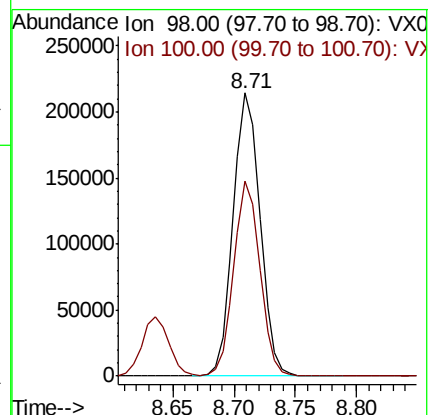
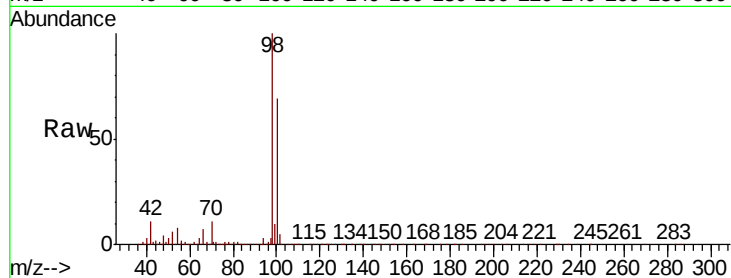
ICVVX031220

Tot Ion: 98 Resp: 325419

Ion Ratio Lower Upper

98 100

100 67.1 53.3 79.9



#64

Chlorobenzene

Concen: 19.784 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015217.D

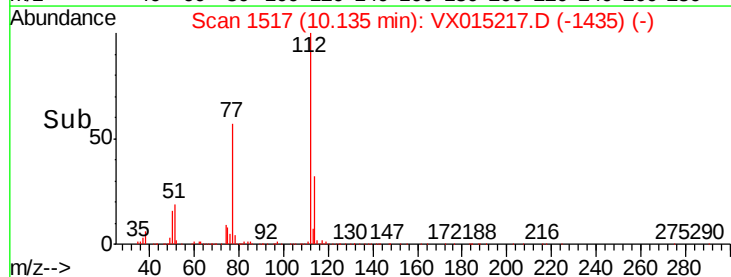
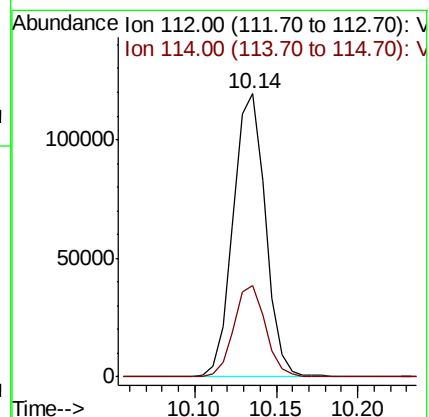
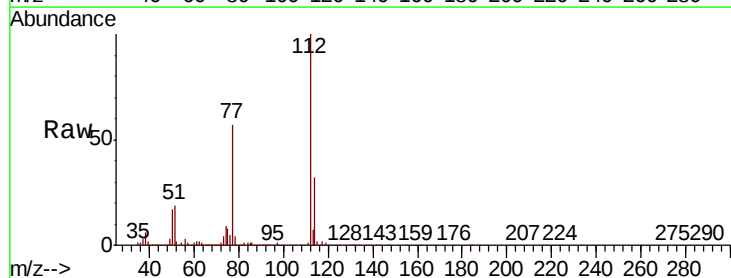
Acq: 11 Mar 2020 22:11

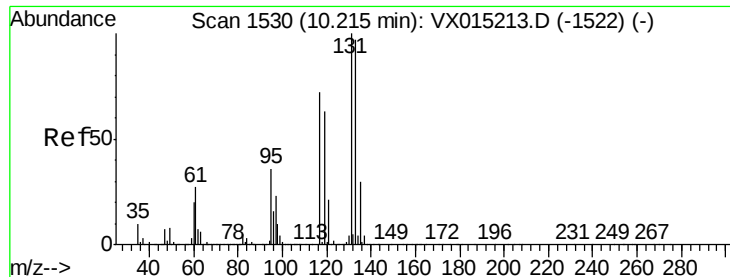
Tgt Ion: 112 Resp: 163761

Ion Ratio Lower Upper

112 100

114 32.0 24.3 36.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.504 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

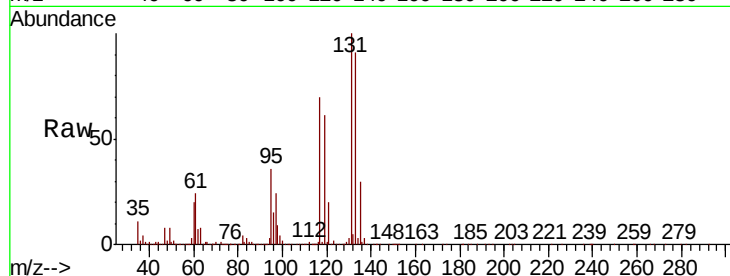
Tot Ion:131 Resp: 59435

Ion Ratio Lower Upper

131 100

133 95.3 0.0 190.6

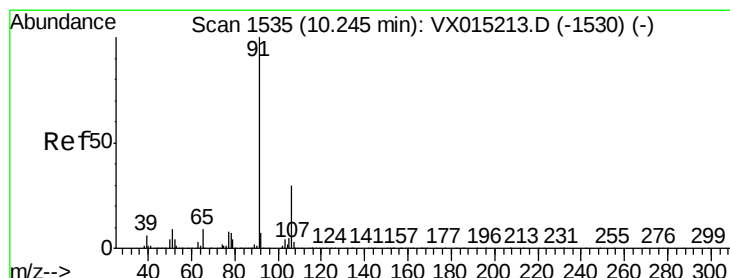
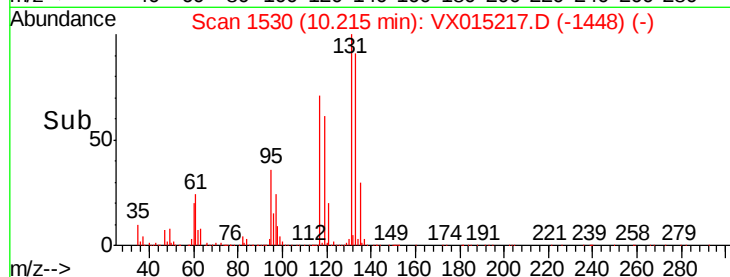
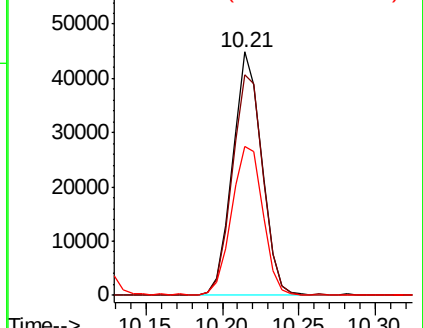
119 65.4 0.0 131.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.087 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015217.D

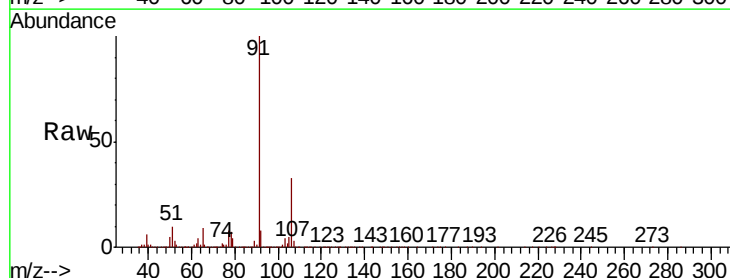
Acq: 11 Mar 2020 22:11

Tgt Ion: 91 Resp: 286593

Ion Ratio Lower Upper

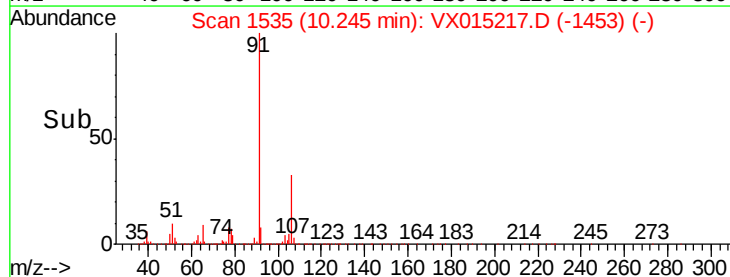
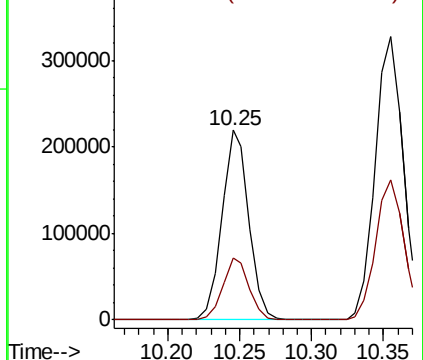
91 100

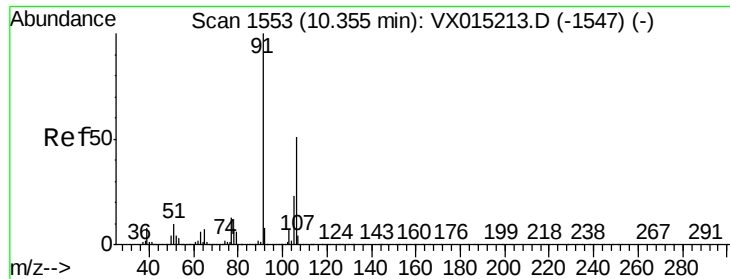
106 32.9 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

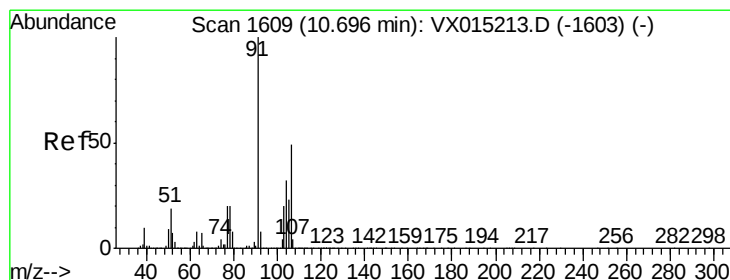
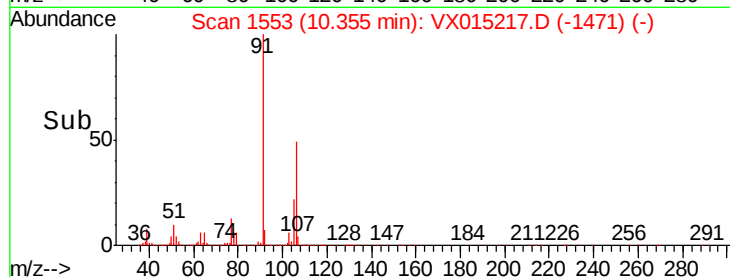
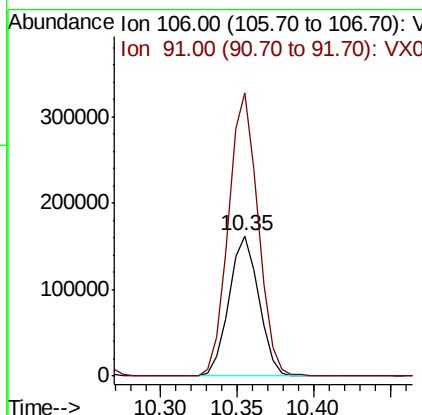
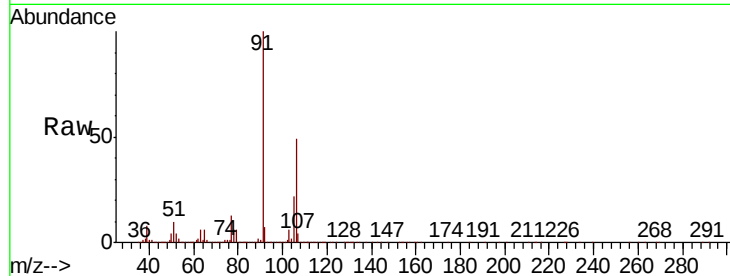




#67
m/p-Xylenes
Concen: 40.099 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

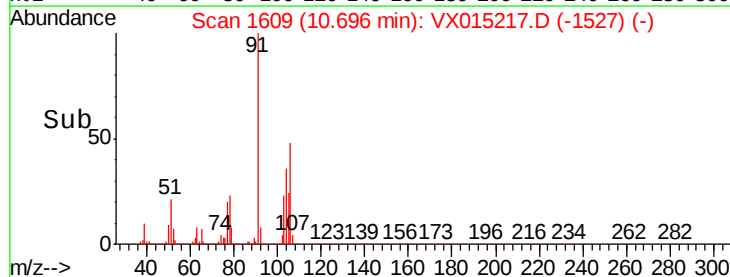
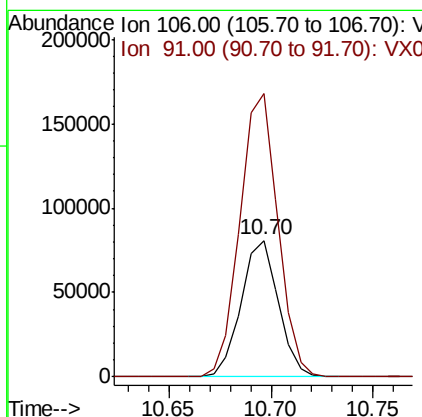
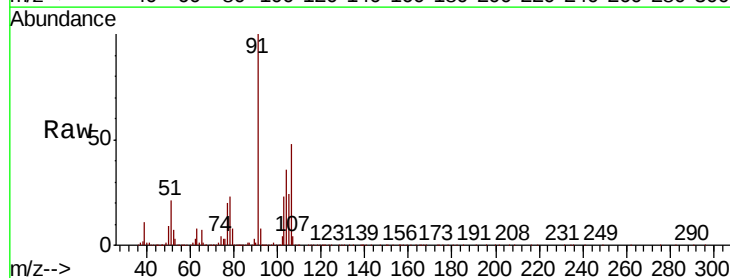
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

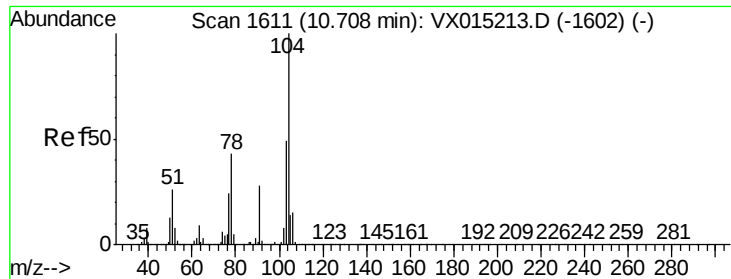
Tot Ion:106 Resp: 219348
Ion Ratio Lower Upper
106 100
91 200.2 158.2 237.2



#68
o-Xylene
Concen: 19.652 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion:106 Resp: 102615
Ion Ratio Lower Upper
106 100
91 210.4 103.6 310.8





#69

Stvrene

Concen: 19.725 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

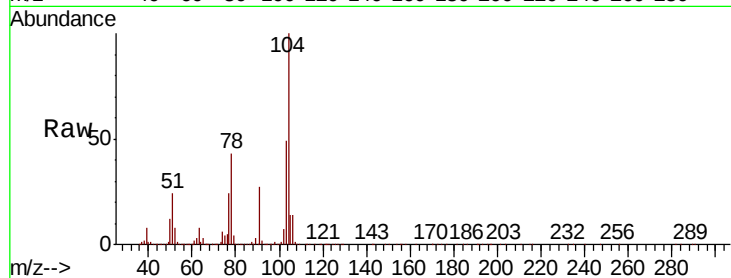
Tot Ion:104 Resp: 181074

Ion Ratio Lower Upper

104 100

78 48.5 38.3 57.5

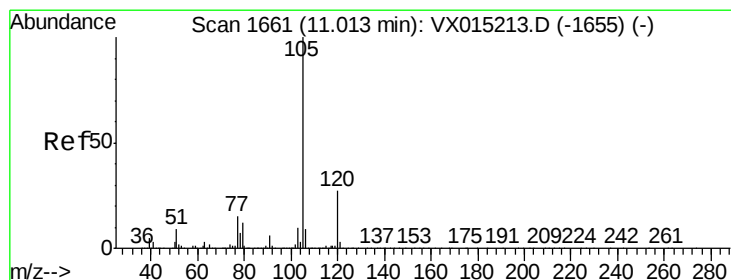
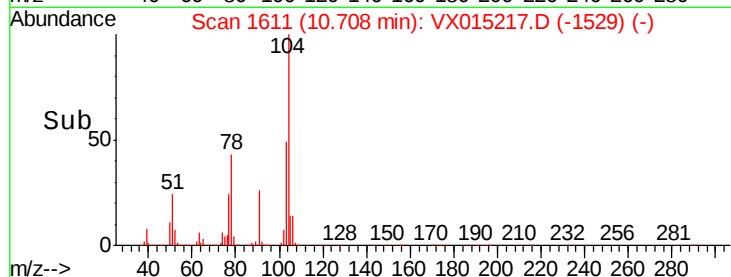
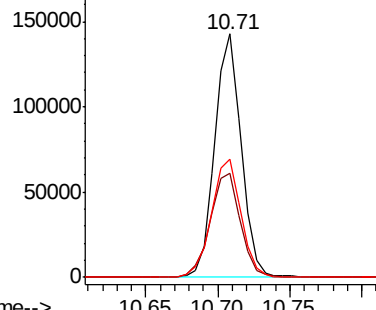
103 54.4 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.230 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015217.D

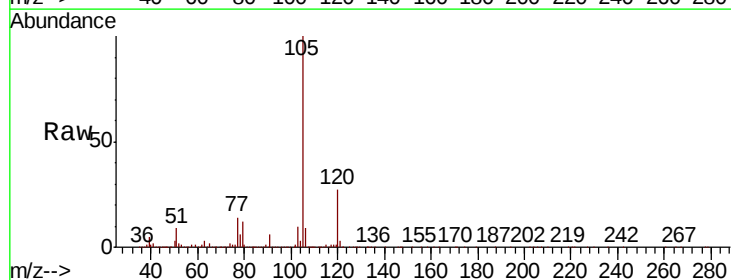
Acq: 11 Mar 2020 22:11

Tgt Ion:105 Resp: 282538

Ion Ratio Lower Upper

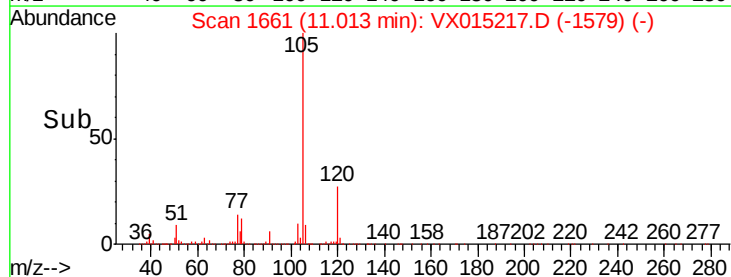
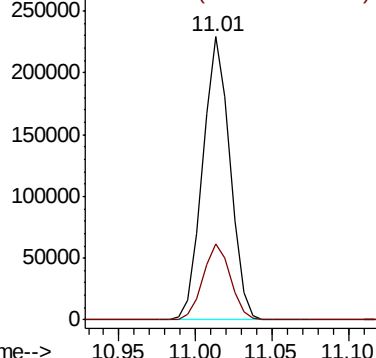
105 100

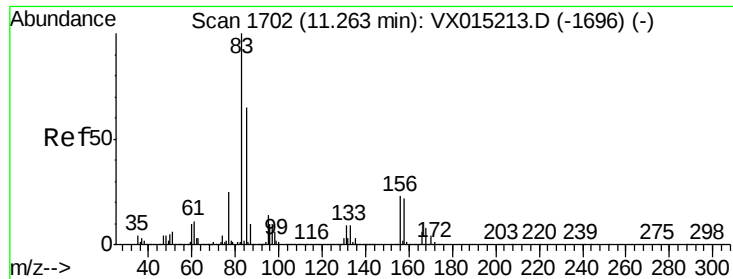
120 27.0 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

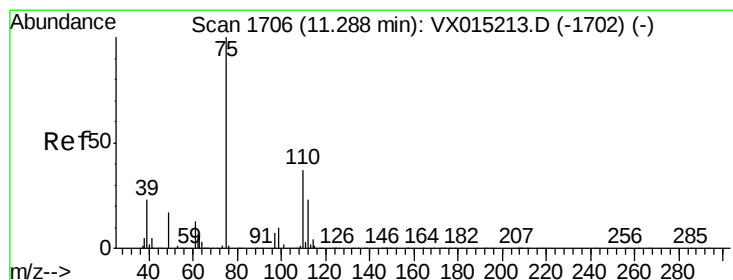
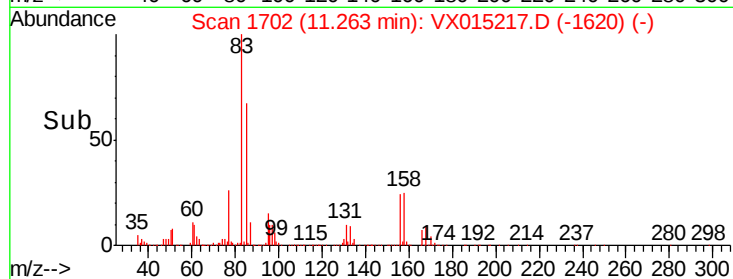
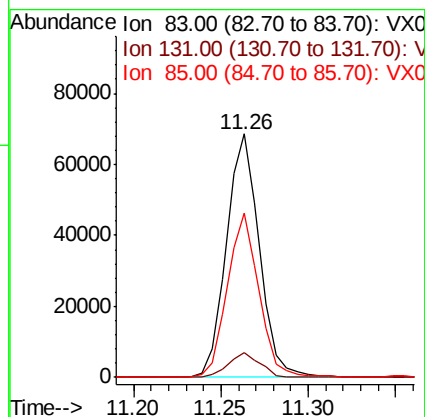
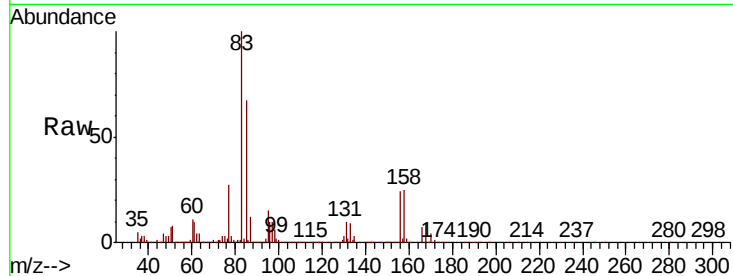




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.456 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

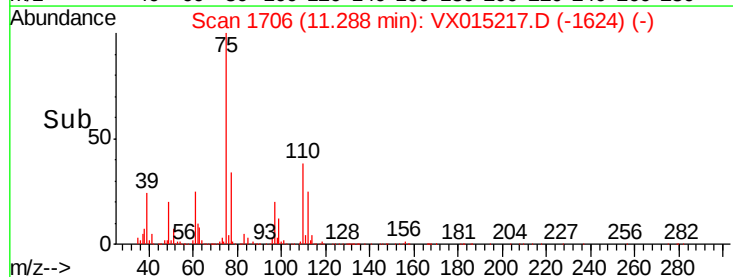
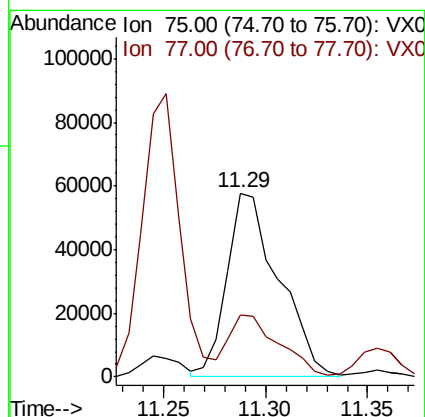
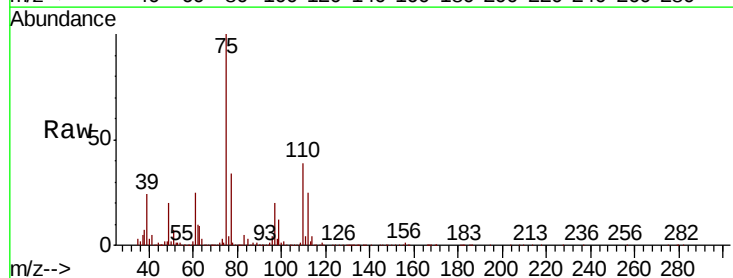
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

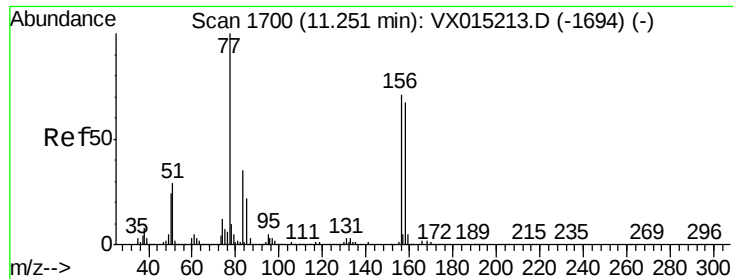
Tot Ion	83	Resp	88839
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	65.0	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 27.406 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion	75	Resp	101764
Ion Ratio	Lower	Upper	
75	100		
77	32.2	0.0	69.4





#73

Bromobenzene

Concen: 19.890 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVX031220

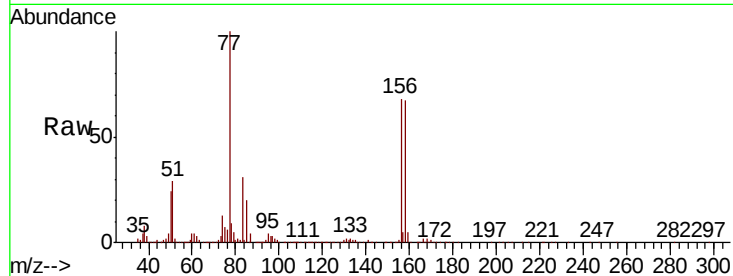
Tot Ion:156 Resp: 75988

Ion Ratio Lower Upper

156 100

77 150.4 0.0 300.2

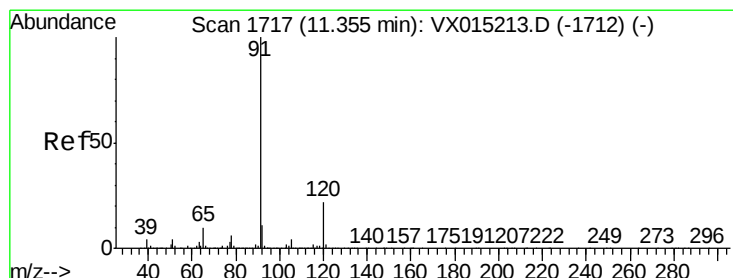
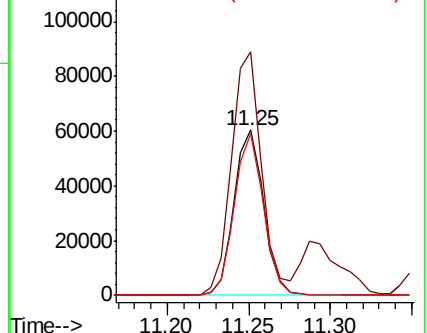
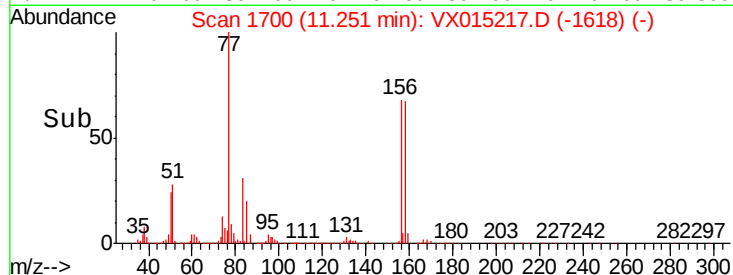
158 96.2 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.046 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015217.D

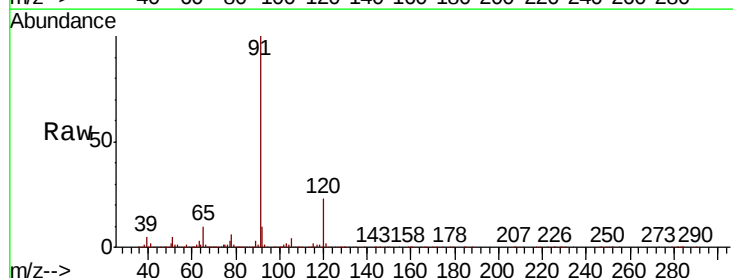
Acq: 11 Mar 2020 22:11

Tgt Ion: 91 Resp: 323159

Ion Ratio Lower Upper

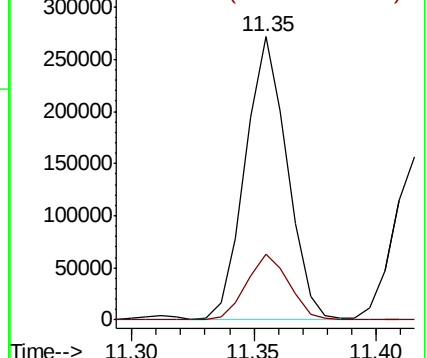
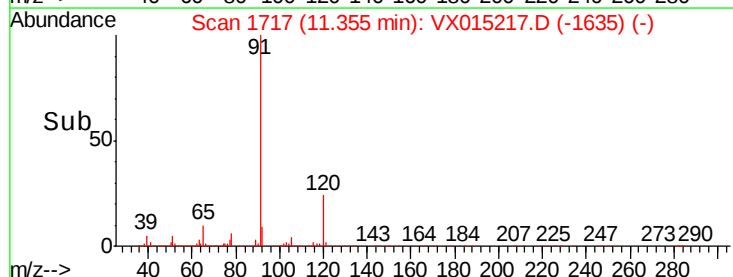
91 100

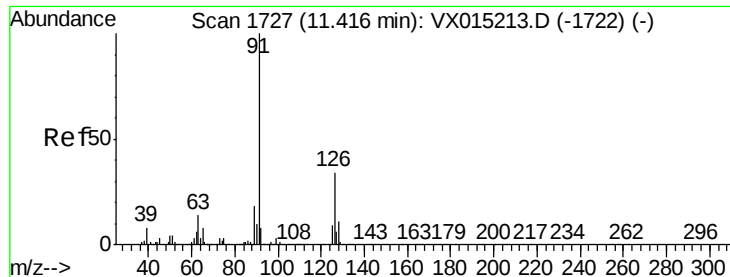
120 23.5 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.855 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

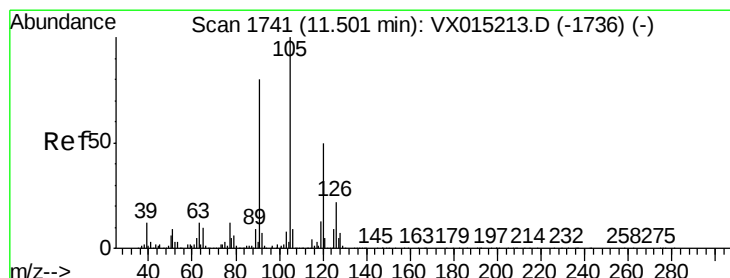
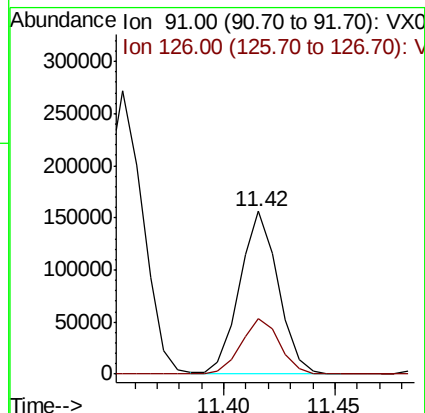
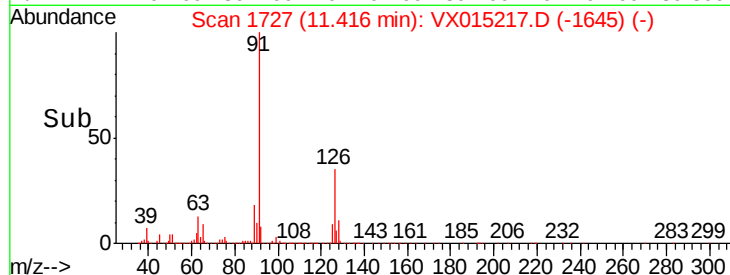
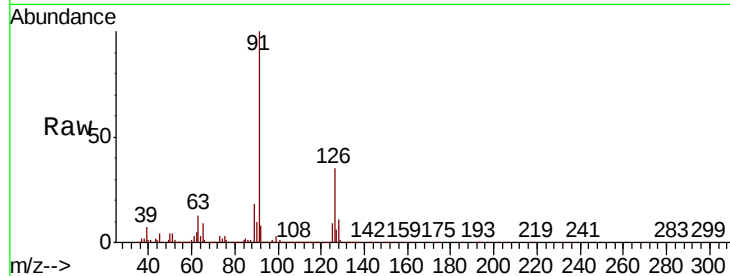
ICVVX031220

Tot Ion: 91 Resp: 188841

Ion Ratio Lower Upper

91 100

126 34.6 0.0 68.0



#76

1,3,5-Trimethylbenzene

Concen: 20.022 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015217.D

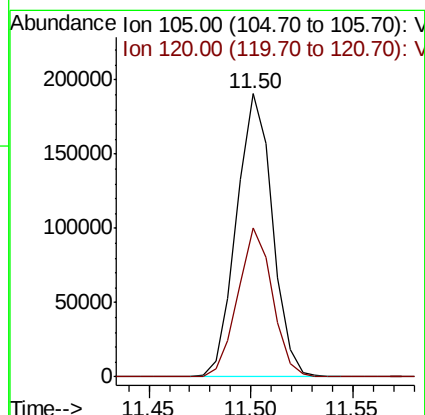
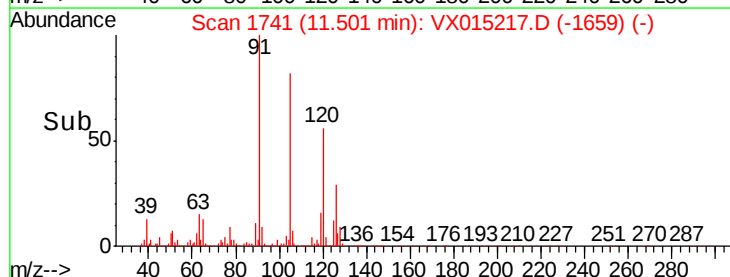
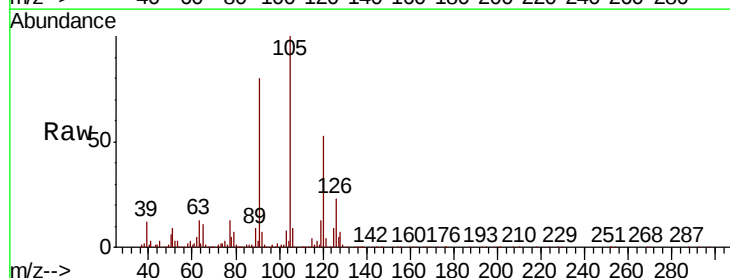
Acq: 11 Mar 2020 22:11

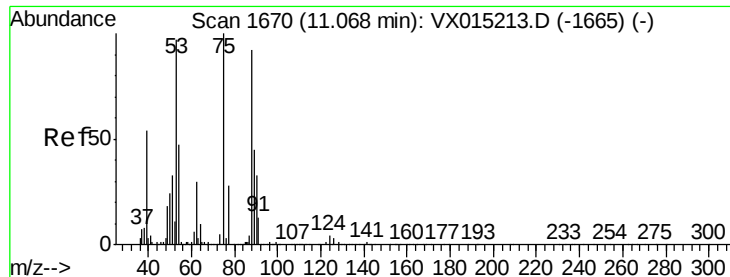
Tgt Ion: 105 Resp: 231372

Ion Ratio Lower Upper

105 100

120 51.1 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 19.139 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

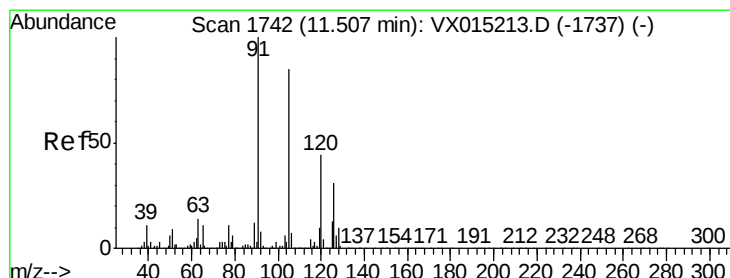
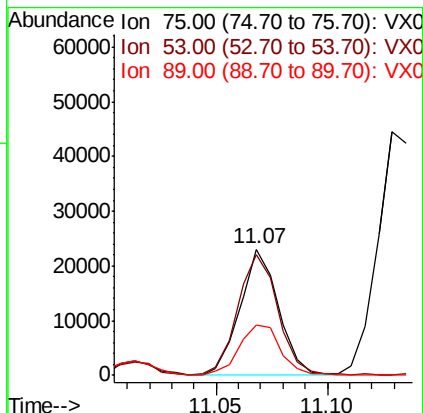
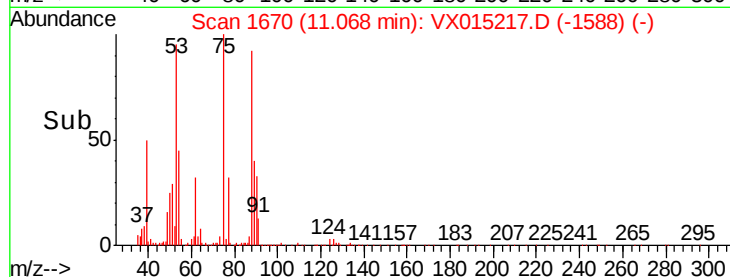
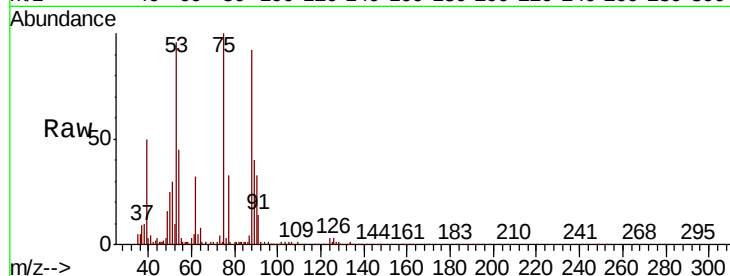
Tot Ion: 75 Resp: 27764

Ion Ratio Lower Upper

75 100

53 95.4 48.7 146.1

89 40.2 22.4 67.3



#78

4-Chlorotoluene

Concen: 20.406 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015217.D

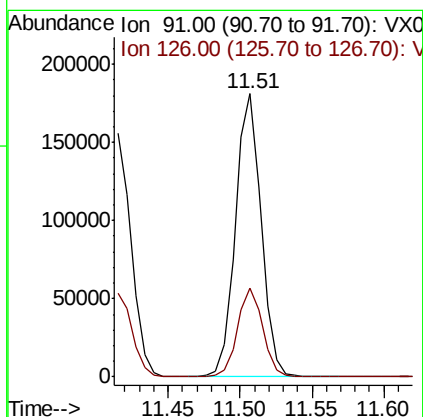
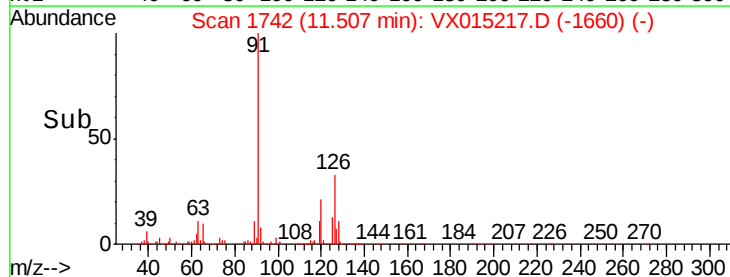
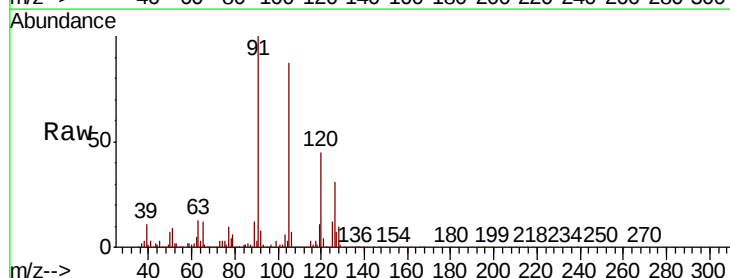
Acq: 11 Mar 2020 22:11

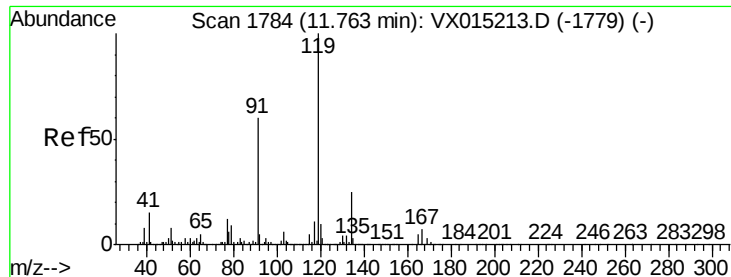
Tgt Ion: 91 Resp: 224726

Ion Ratio Lower Upper

91 100

126 30.5 0.0 60.0





#79

tert-butylbenzene

Concen: 20.155 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :

MSVOA_X

ClientSampleId :

ICVX031220

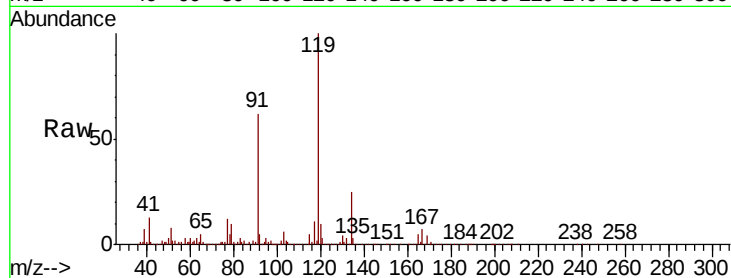
Tot Ion:119 Resp: 222698

Ion Ratio Lower Upper

119 100

91 57.6 0.0 113.8

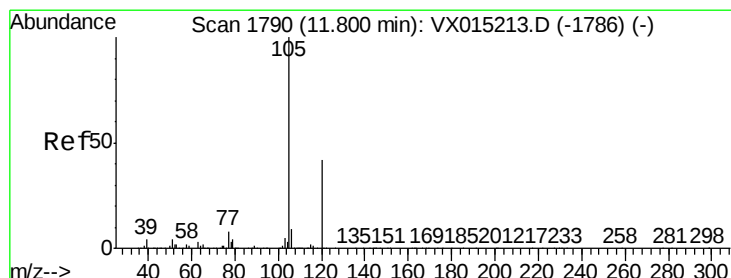
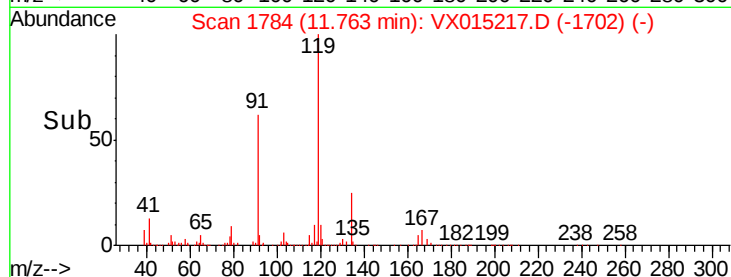
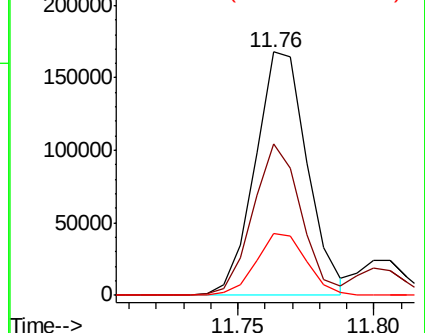
134 24.8 0.0 50.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.151 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015217.D

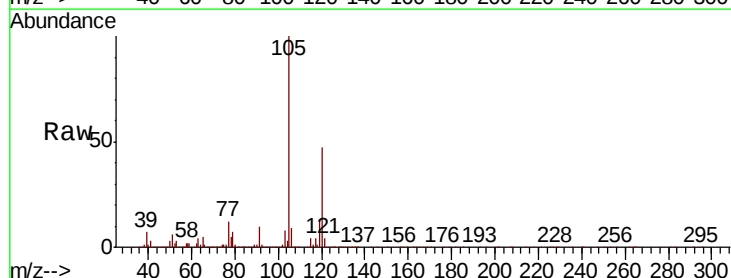
Acq: 11 Mar 2020 22:11

Tgt Ion:105 Resp: 235180

Ion Ratio Lower Upper

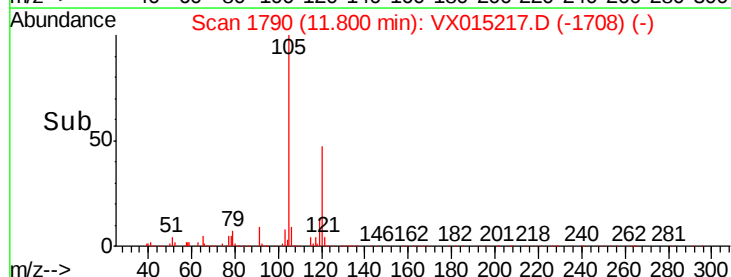
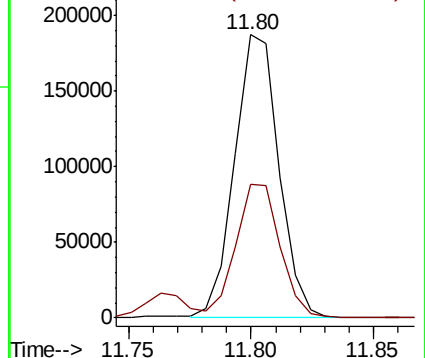
105 100

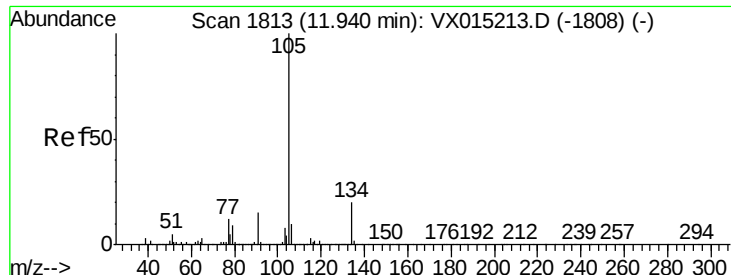
120 47.3 0.0 92.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

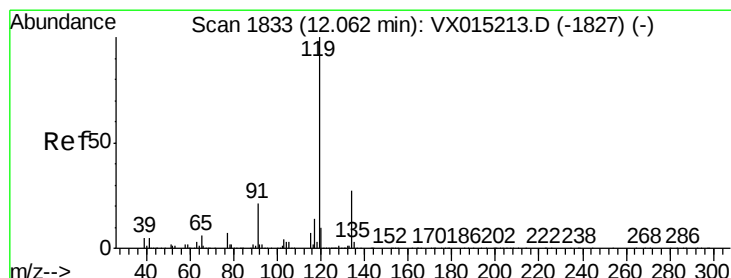
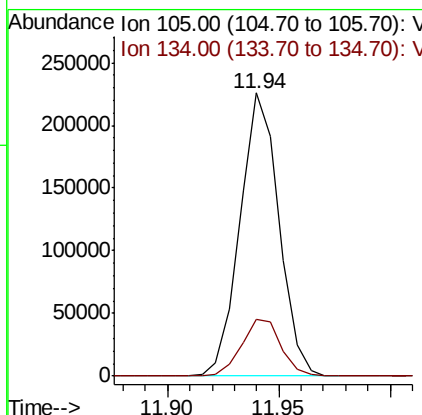
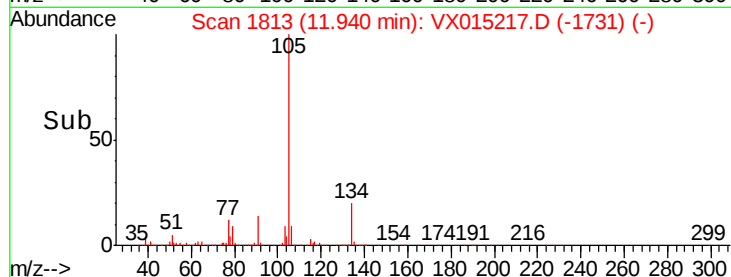
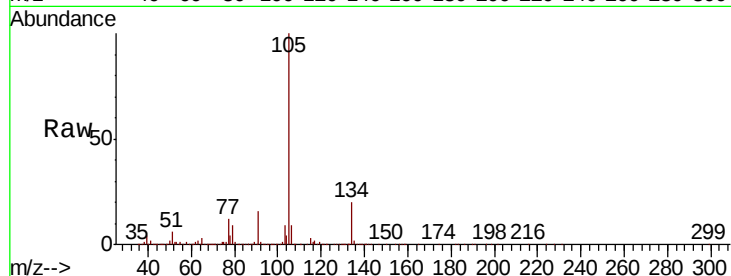




#81
 sec-Butylbenzene
 Concen: 20.149 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

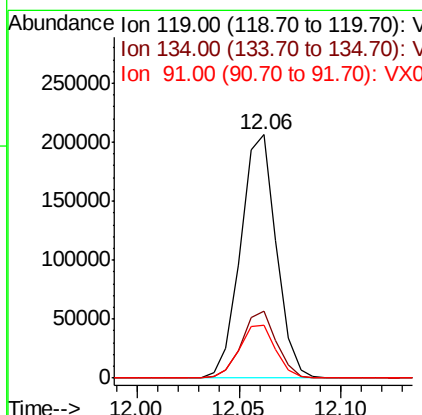
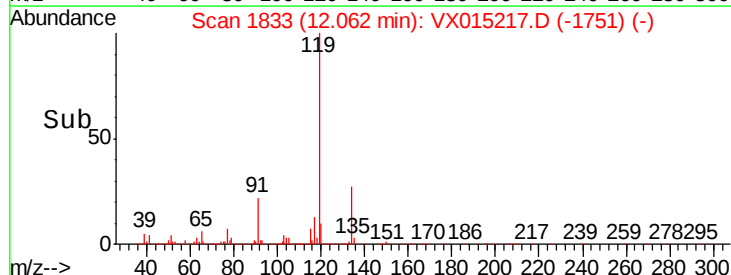
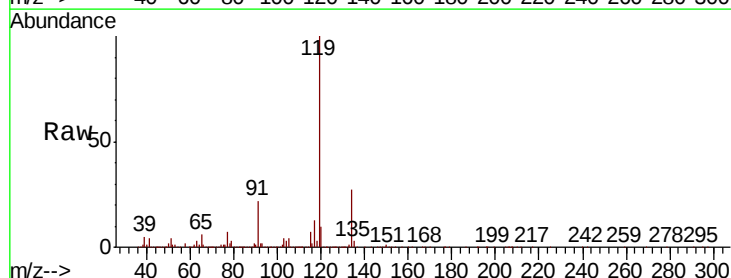
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

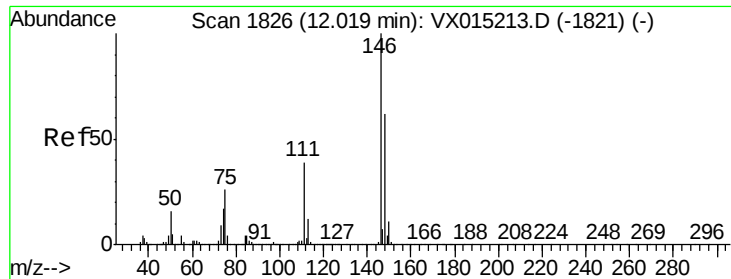
Tot Ion:105 Resp: 274812
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.4



#82
 p-Isopropyltoluene
 Concen: 20.031 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion:119 Resp: 248740
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 52.2
 91 22.4 0.0 43.4

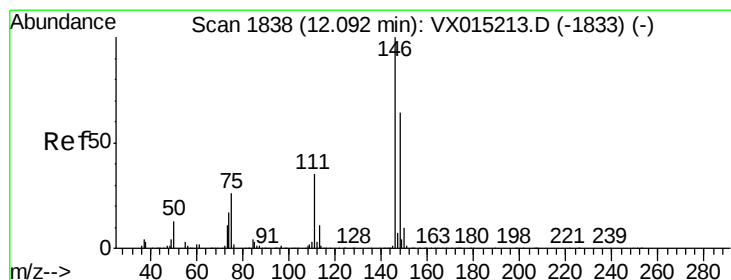
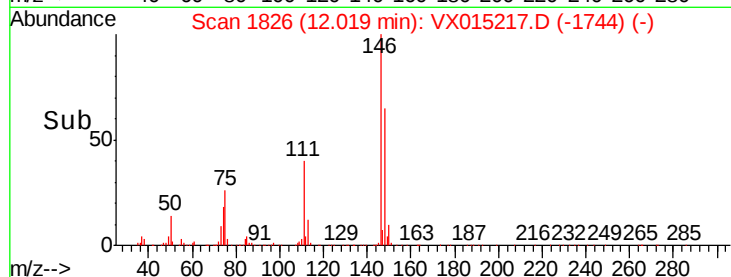
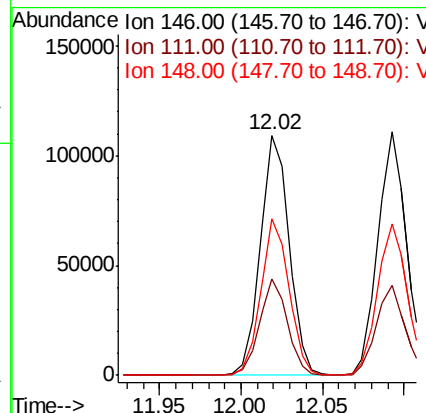
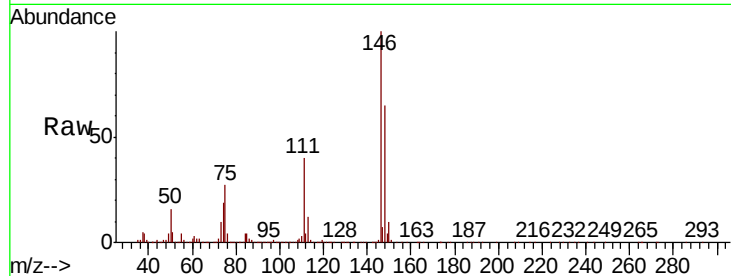




#83
 1,3-Dichlorobenzene
 Concen: 19.860 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

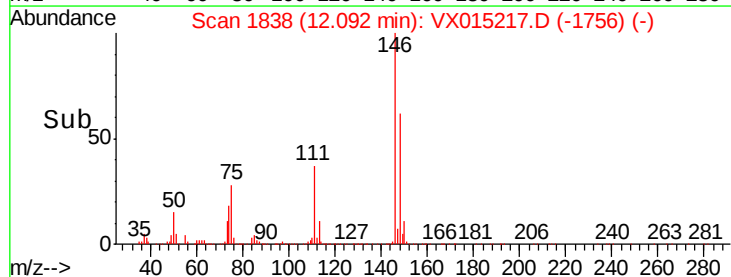
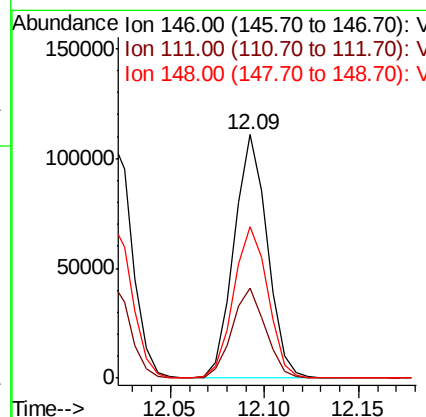
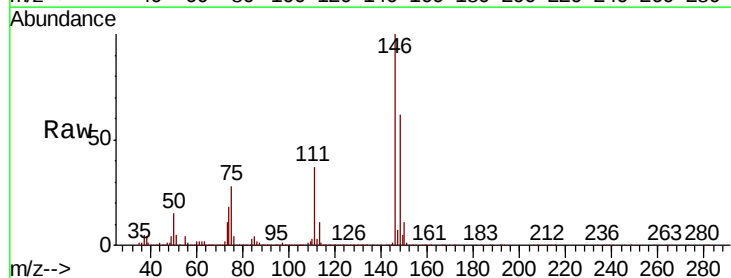
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

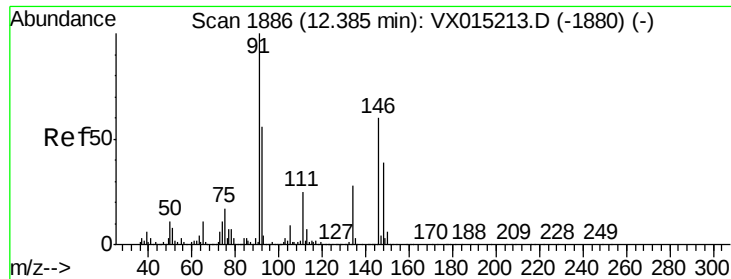
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.5
148	64.1	31.3	93.9



#84
 1,4-Dichlorobenzene
 Concen: 19.975 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.3	31.7	95.1

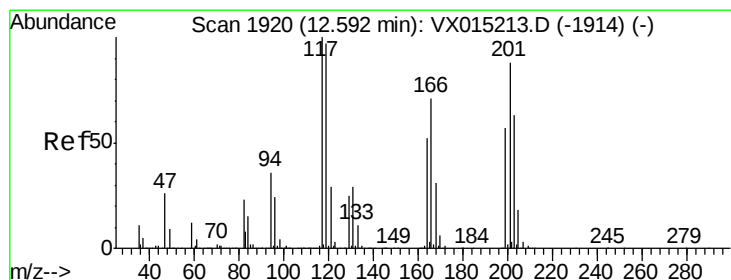
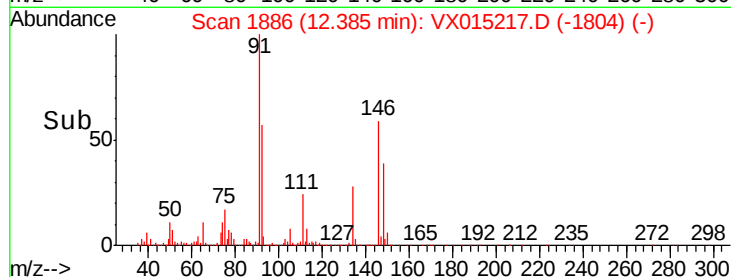
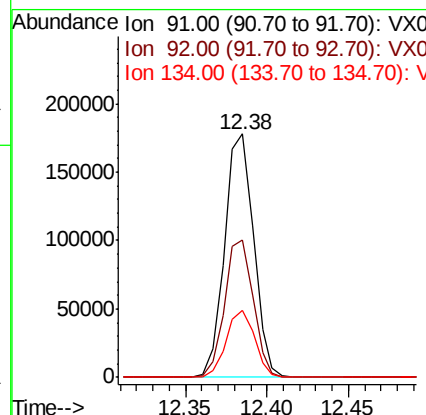
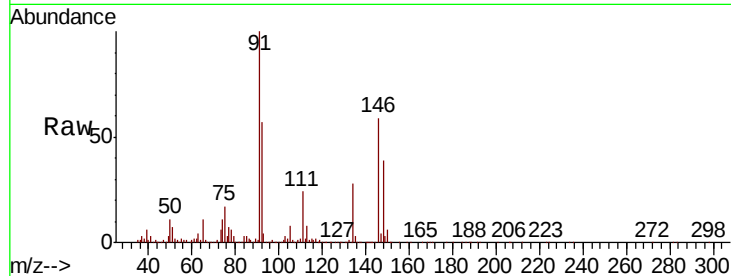




#85
n-Butylbenzene
Concen: 20.470 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

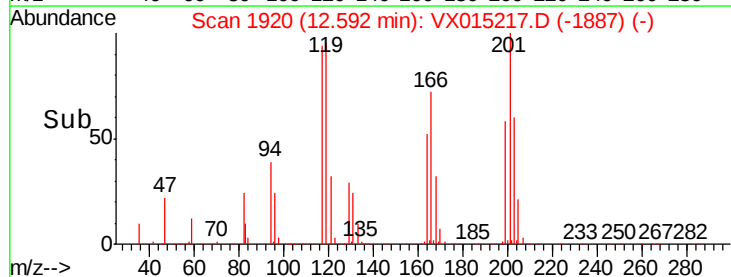
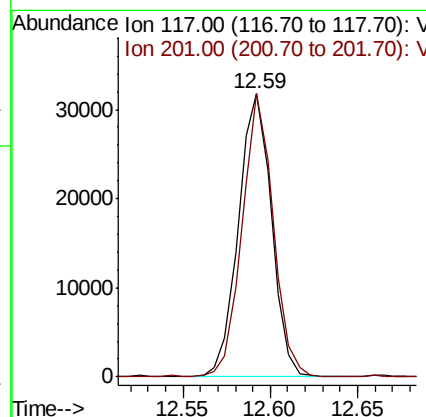
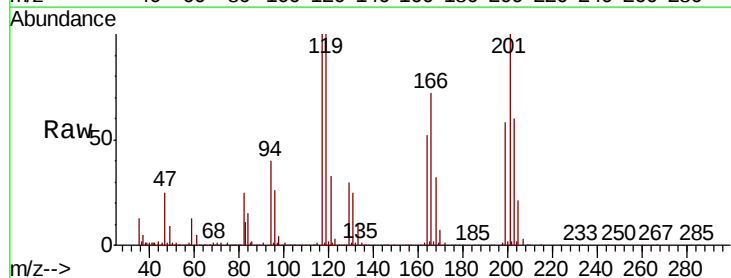
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

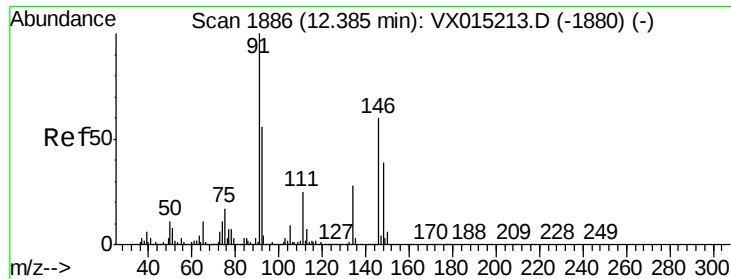
Tot Ion: 91 Resp: 220861
Ion Ratio Lower Upper
91 100
92 55.8 0.0 109.6
134 27.1 0.0 54.6



#86
Hexachloroethane
Concen: 18.928 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion: 117 Resp: 41788
Ion Ratio Lower Upper
117 100
201 93.8 43.8 131.4





#87

1,2-Dichlorobenzene

Concen: 20.125 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

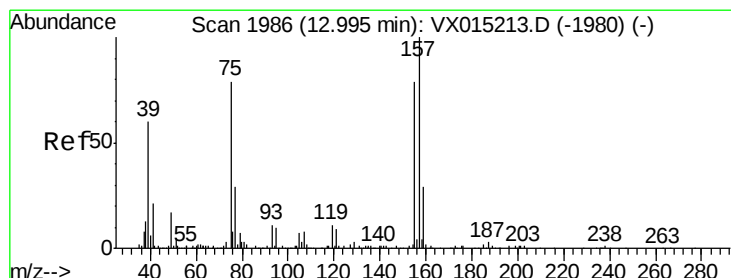
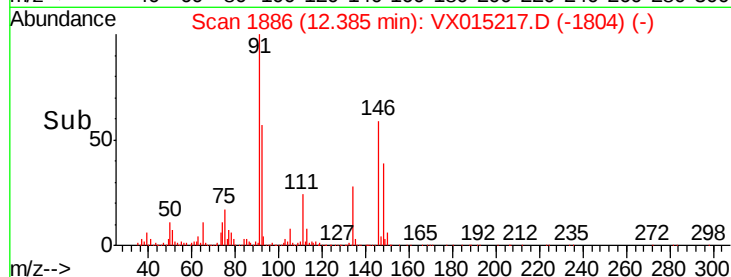
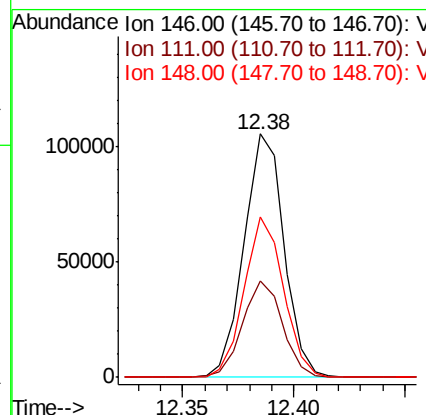
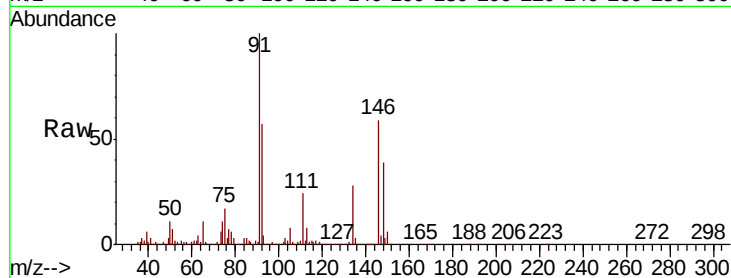
Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion:146 Resp: 132878

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	64.9	32.5	97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.212 ug/l

RT: 12.99 min Scan# 1986

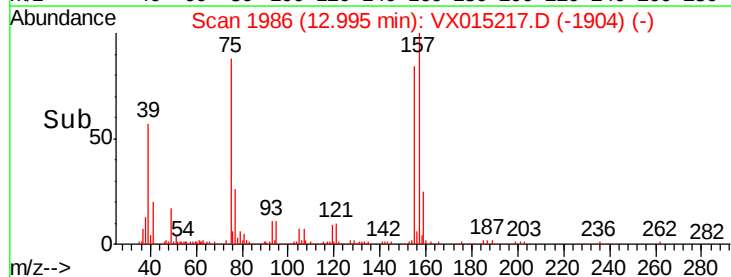
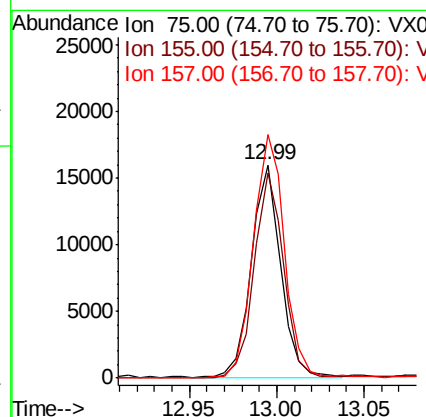
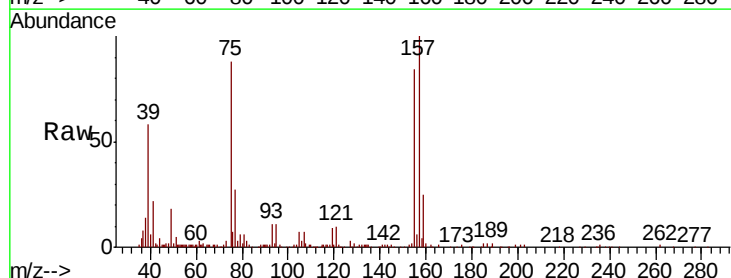
Delta R.T. -0.00 min

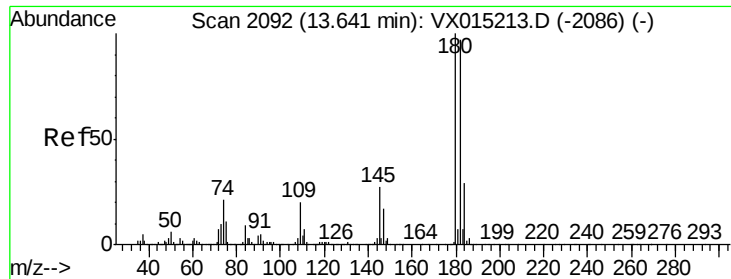
Lab File: VX015217.D

Acq: 11 Mar 2020 22:11

Tgt Ion: 75 Resp: 18950

Ion	Ratio	Lower	Upper
75	100		
155	95.6	79.4	119.2
157	119.4	99.1	148.7

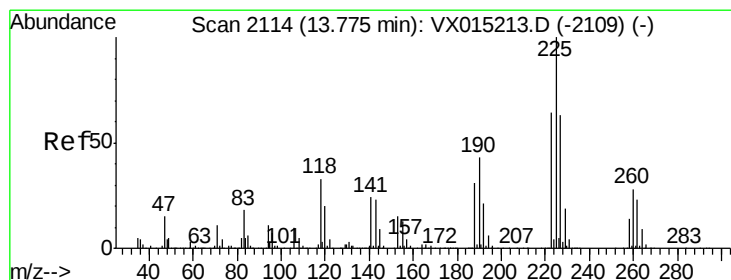
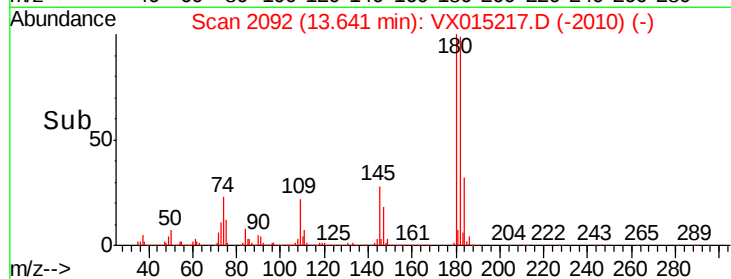
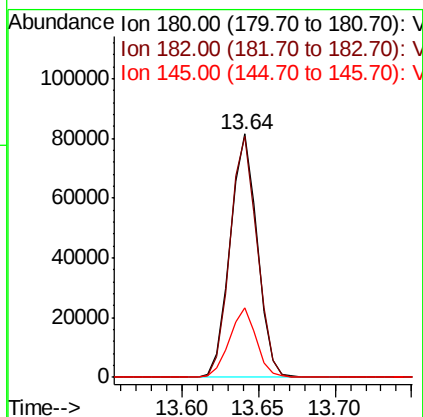
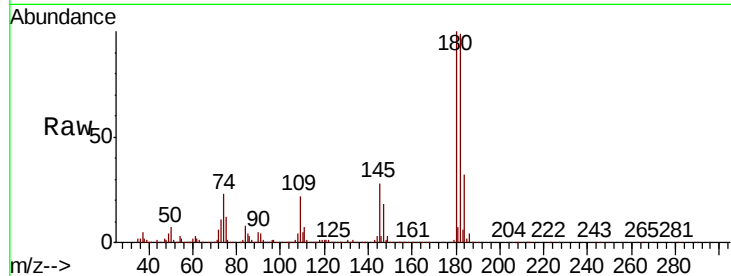




#89
 1,2,4-Trichlorobenzene
 Concen: 20.953 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

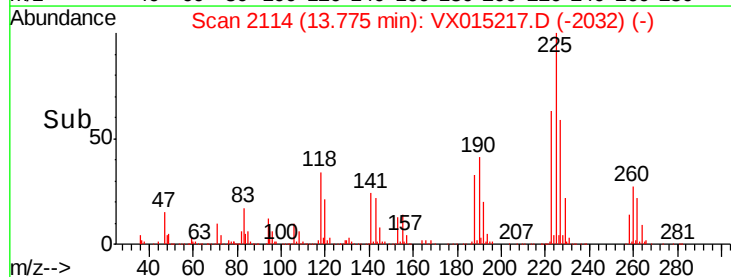
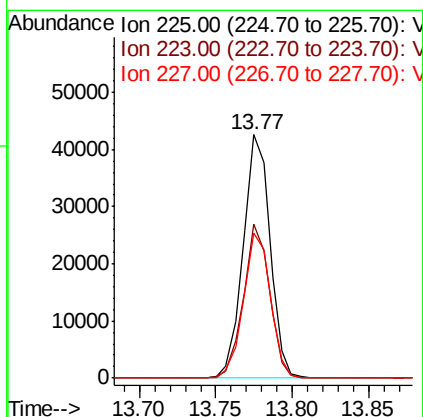
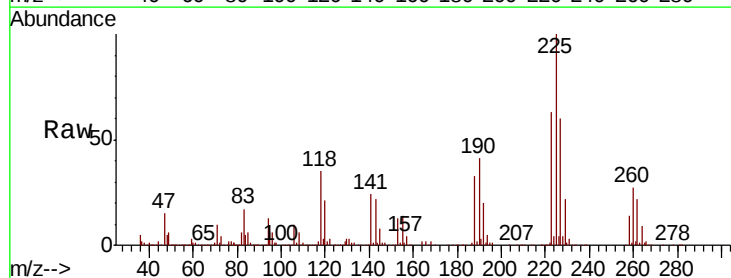
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

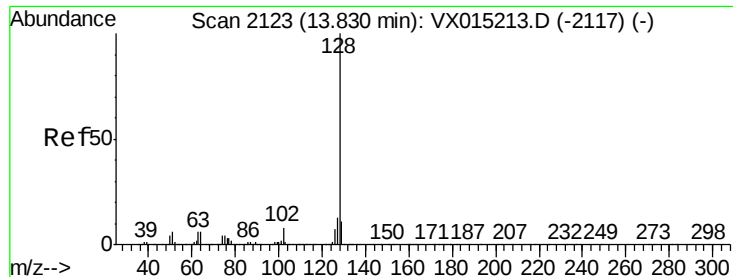
Tot Ion:180 Resp: 100334
 Ion Ratio Lower Upper
 180 100
 182 98.0 75.6 113.4
 145 27.8 22.7 34.1



#90
 Hexachlorobutadiene
 Concen: 22.005 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015217.D
 Acq: 11 Mar 2020 22:11

Tgt Ion:225 Resp: 52032
 Ion Ratio Lower Upper
 225 100
 223 61.3 0.0 127.6
 227 59.6 0.0 128.6

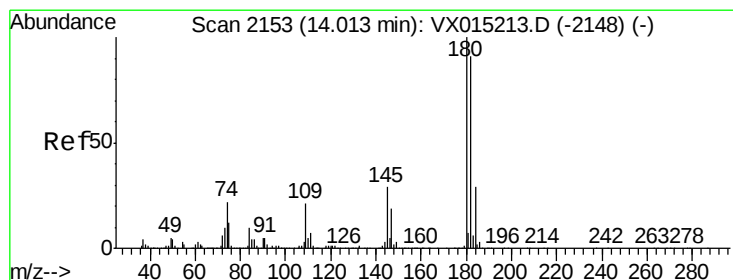
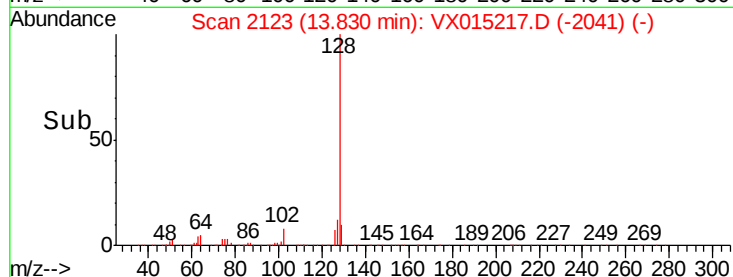
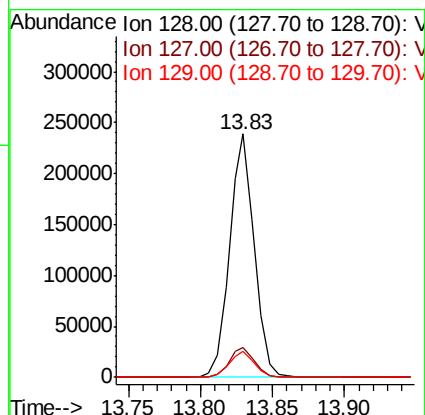
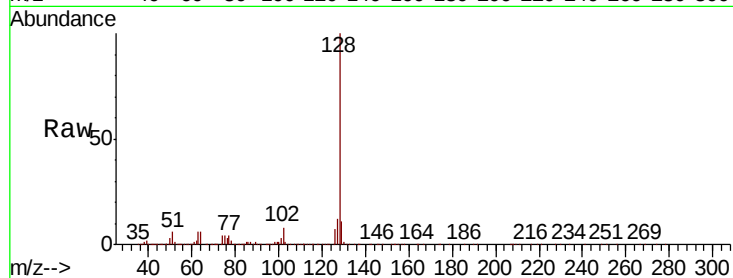




#91
Naphthalene
Concen: 21.299 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion:128 Resp: 286916
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 21.210 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015217.D
Acq: 11 Mar 2020 22:11

Tgt Ion:180 Resp: 102367
Ion Ratio Lower Upper
180 100
182 96.2 0.0 188.4
145 29.3 0.0 59.2

