

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015214.D
 Acq On : 11 Mar 2020 21:03
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 08:26:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:23:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	50260	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	273906	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	240753	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	101913	29.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.03%
60) 4-Bromofluorobenzene	11.13	95	114878	30.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.23%
63) Toluene-d8	8.71	98	313928	29.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	113665	49.771	ug/l 99
3) Chloromethane	1.32	50	165640	54.960	ug/l 95
4) Vinyl Chloride	1.40	62	171629	53.370	ug/l 99
5) Bromomethane	1.64	94	105711	47.461	ug/l 96
6) Chloroethane	1.72	64	107424	51.068	ug/l 100
7) Trichlorofluoromethane	1.92	101	212633	47.000	ug/l 99
8) Diethyl Ether	2.18	74	95272	49.316	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127135	48.313	ug/l 98
10) 1,1-Dichloroethene	2.37	96	134042	50.093	ug/l 97
11) Methyl Iodide	2.50	142	151138	47.932	ug/l 96
12) Methyl Acetate	2.76	43	176733	52.673	ug/l 99
13) Acrolein	2.28	56	136351	215.284	ug/l 98
14) Acrylonitrile	3.13	53	409592	268.444	ug/l 99
15) Acetone	2.44	58	106417	211.414	ug/l 85
16) Carbon Disulfide	2.56	76	376164	51.925	ug/l 100
17) Allyl chloride	2.72	41	249775	52.780	ug/l 98
18) Methylene Chloride	2.85	84	154593	50.145	ug/l 99
19) trans-1,2-Dichloroethene	3.15	96	148271	50.778	ug/l 96
20) Diisopropyl ether	3.85	45	507375	53.020	ug/l # 88
21) 1,1-Dichloroethane	3.69	63	270922	51.826	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	168784	50.496	ug/l 98
23) tert-Butyl Alcohol	3.03	59	158455	263.406	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	442315	50.058	ug/l 99
25) Chloroform	5.20	83	259372	49.726	ug/l 98
26) Cyclohexane	5.58	56	250294	53.449	ug/l 99
29) 1,1-Dichloropropene	5.79	75	200618	50.898	ug/l 98
30) 2-Butanone	4.66	43	559318	249.438	ug/l 99
31) 2,2-Dichloropropane	4.57	77	177673	42.696	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	218674	49.274	ug/l 99
33) Carbon Tetrachloride	5.78	117	191201	49.331	ug/l 97
34) Benzene	6.14	78	618257	51.656	ug/l 98
35) Methacrylonitrile	5.03	41	123385	52.789	ug/l 91
36) 1,2-Dichloroethane	6.18	62	202394	48.606	ug/l 100
37) Trichloroethene	7.21	130	169624	50.419	ug/l 99
38) Methylcyclohexane	7.46	83	227336	46.942	ug/l 99
39) 1,2-Dichloropropane	7.51	63	150358	48.523	ug/l 100
40) Dibromomethane	7.65	93	95008	46.413	ug/l 94

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

41) Bromodichloromethane	7.89	83	189886	47.401	ug/l	98
42) Vinyl Acetate	3.81	43	2165193	267.571	ug/l	100
43) Ethyl Acetate	4.82	43	222551	53.261	ug/l #	94
44) Isopropyl Acetate	6.43	43	354574	51.272	ug/l	100
45) 1,4-Dioxane	7.73	88	71452	1085.129	ug/l	99
46) Methyl methacrylate	7.76	41	166682	48.583	ug/l	96
47) n-amyl Acetate	10.89	43	292307	48.916	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	207797	46.824	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	233040	47.434	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	145107	47.609	ug/l	97
51) Ethyl methacrylate	9.17	69	228772	48.665	ug/l	99
52) 1,3-Dichloropropane	9.37	76	247195	47.911	ug/l	99
53) Dibromochloromethane	9.57	129	155770	47.720	ug/l	99
54) 1,2-Dibromoethane	9.67	107	153392	47.499	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	589102	236.911	ug/l	99
56) Bromoform	10.85	173	120643	47.445	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	1048380	260.514	ug/l	100
59) 2-Hexanone	9.48	43	781786	252.294	ug/l	99
61) Tetrachloroethene	9.33	164	164633	50.282	ug/l	99
62) Toluene	8.78	91	624363	50.162	ug/l	100
64) Chlorobenzene	10.14	112	386443	48.681	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	145671	49.616	ug/l	99
66) Ethyl Benzene	10.25	91	685332	50.120	ug/l	98
67) m/p-Xylenes	10.35	106	526631	99.858	ug/l	99
68) o-Xylene	10.70	106	251183	49.278	ug/l	98
69) Styrene	10.71	104	450554	51.407	ug/l	100
70) Isopropylbenzene	11.01	105	672966	49.802	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	212531	48.642	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	250089	67.176	ug/l	93
73) Bromobenzene	11.25	156	182100	49.884	ug/l	98
74) n-propylbenzene	11.35	91	789373	51.182	ug/l	100
75) 2-Chlorotoluene	11.42	91	460231	50.690	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	561543	49.691	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	69688	47.966	ug/l	98
78) 4-Chlorotoluene	11.51	91	521255	49.335	ug/l	98
79) tert-butylbenzene	11.76	119	529137	48.587	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	570983	50.634	ug/l	99
81) sec-Butylbenzene	11.94	105	657456	50.096	ug/l	99
82) p-Isopropyltoluene	12.06	119	614390	50.710	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	323091	50.213	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	322053	49.769	ug/l	98
85) n-Butylbenzene	12.39	91	529457	49.918	ug/l	99
86) Hexachloroethane	12.59	117	106978	48.565	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	319110	50.093	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	45953	48.927	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	238217	51.652	ug/l	98
90) Hexachlorobutadiene	13.78	225	113935	49.929	ug/l	100
91) Naphthalene	13.83	128	682717	52.574	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	238185	51.826	ug/l	98

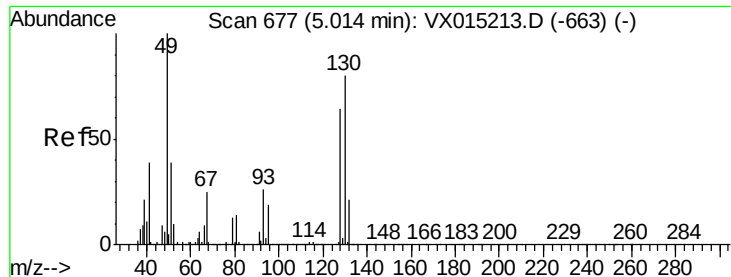
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

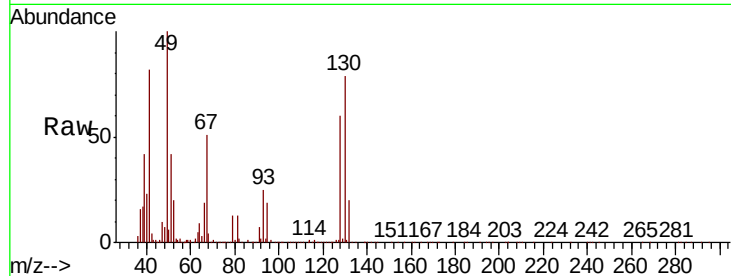


#1

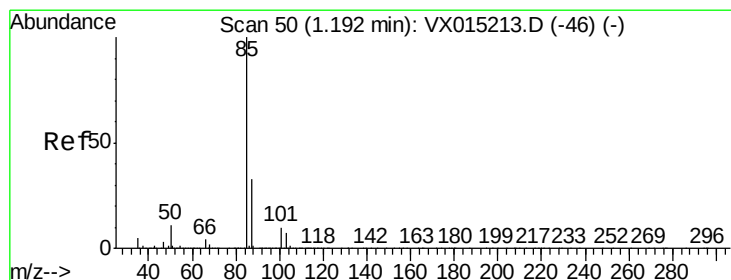
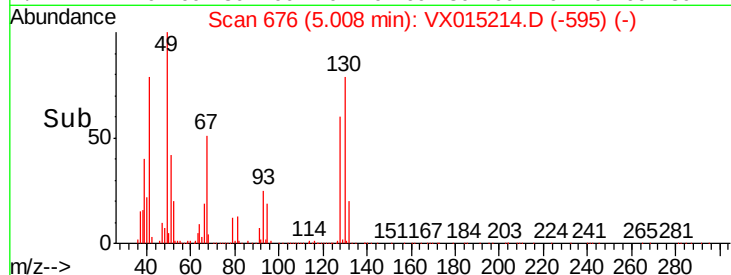
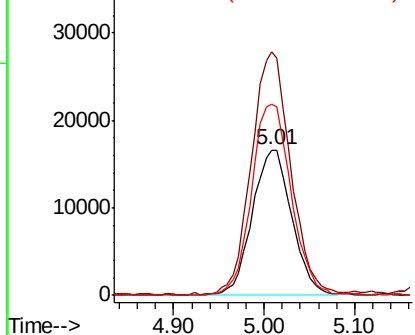
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	165.1	0.0	410.8
130	131.2	0.0	324.3



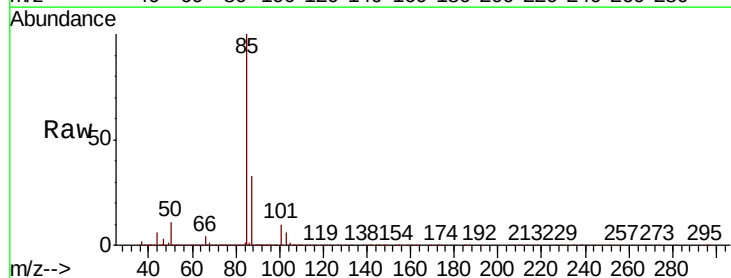
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



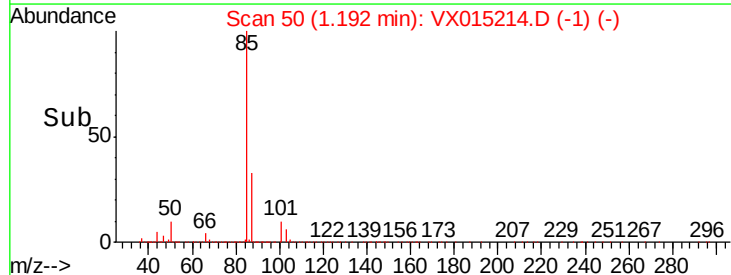
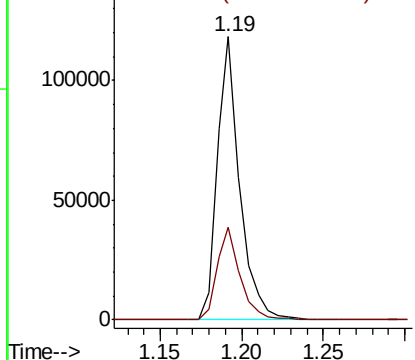
#2

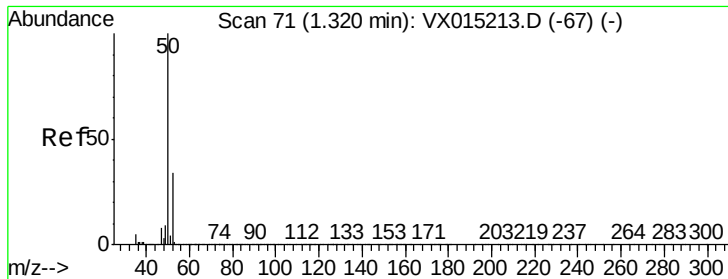
Dichlorodifluoromethane
Concen: 49.771 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.8



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

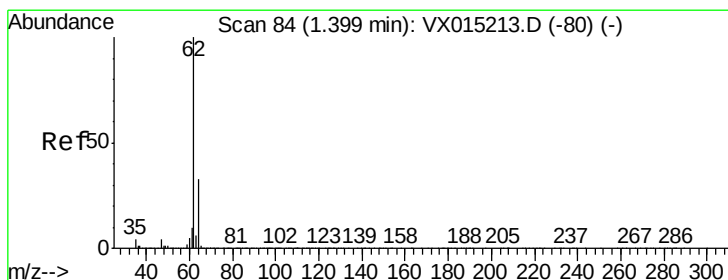
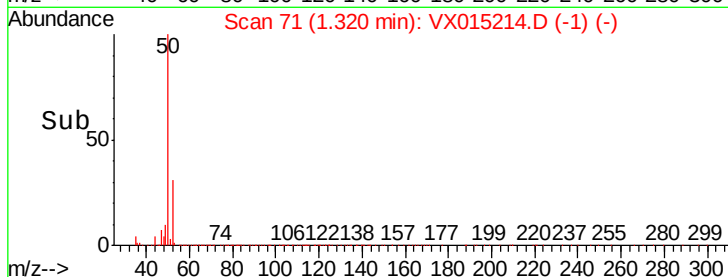
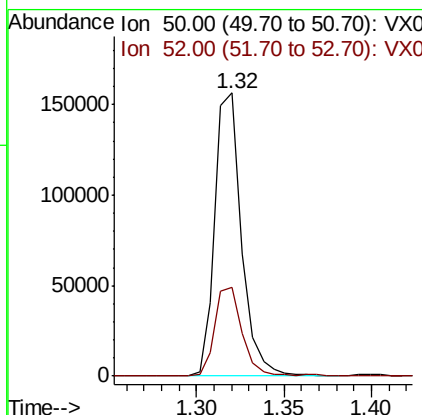
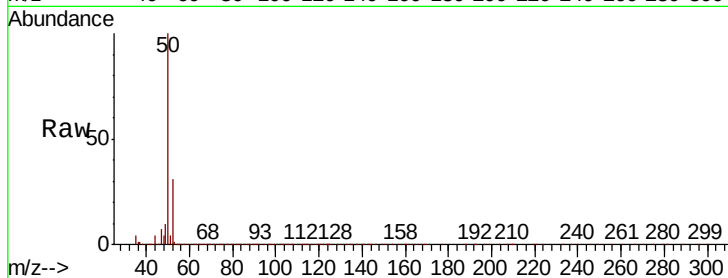




#3
Chloromethane
Concen: 54.960 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

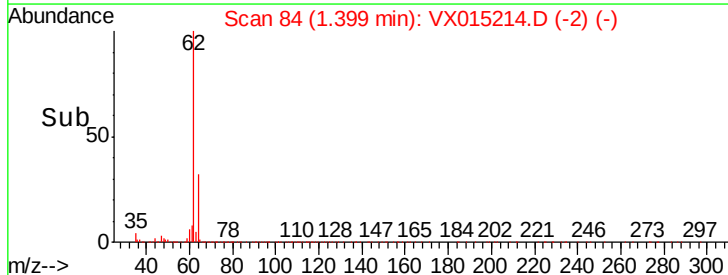
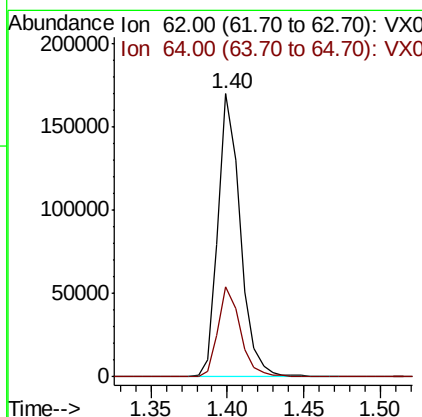
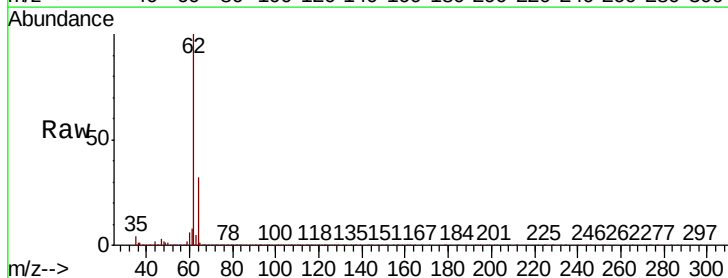
Instrument :
MSVOA_X
ClientSampleId :

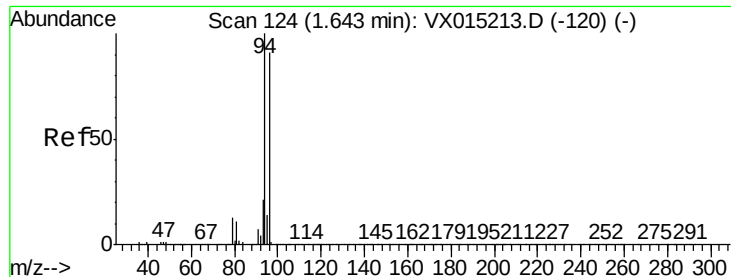
Tot Ion: 50 Resp: 165640
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0



#4
Vinyl Chloride
Concen: 53.370 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 62 Resp: 171629
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9





#5

Bromomethane

Concen: 47.461 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

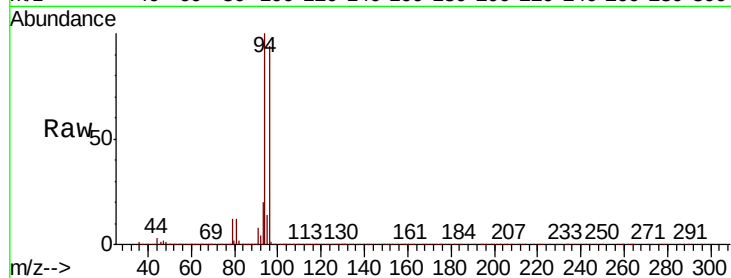
ClientSampled :

Tot Ion: 94 Resp: 105711

Ion Ratio Lower Upper

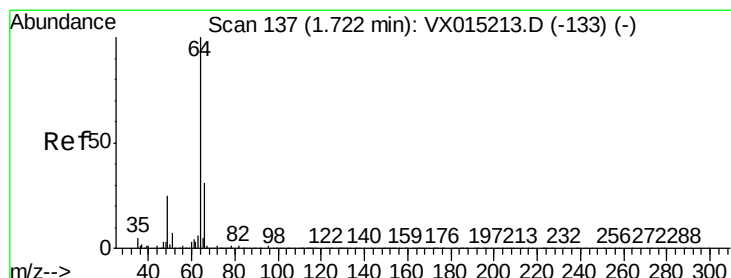
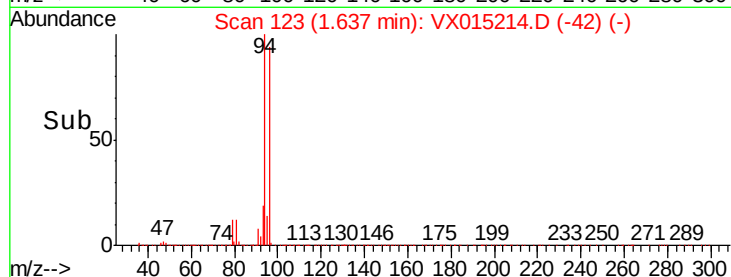
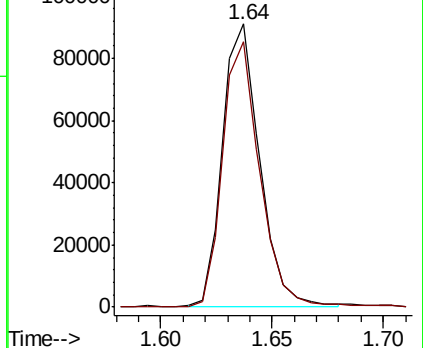
94 100

96 93.9 72.2 108.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 51.068 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015214.D

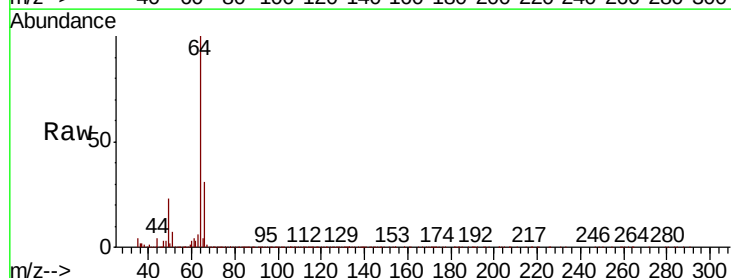
Acq: 11 Mar 2020 21:03

Tgt Ion: 64 Resp: 107424

Ion Ratio Lower Upper

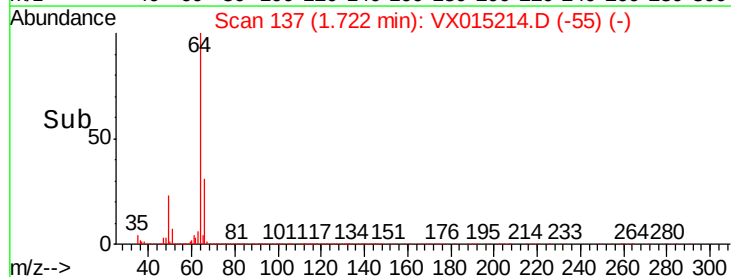
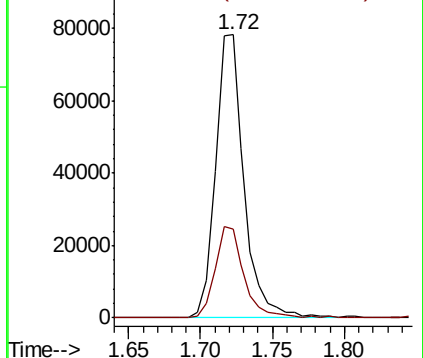
64 100

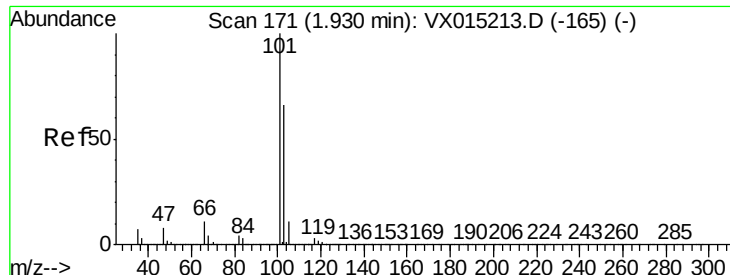
66 31.3 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



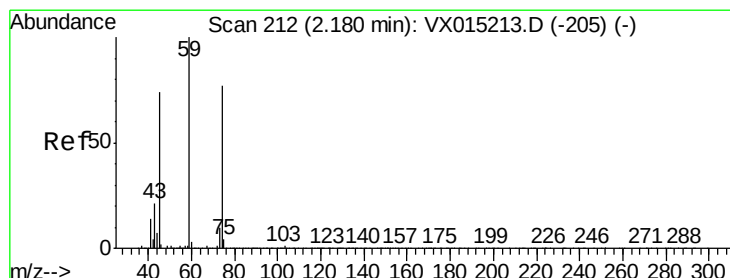
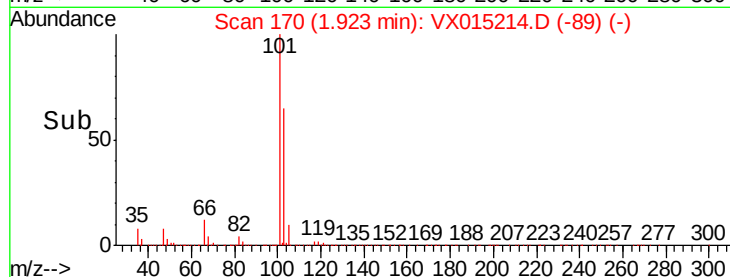
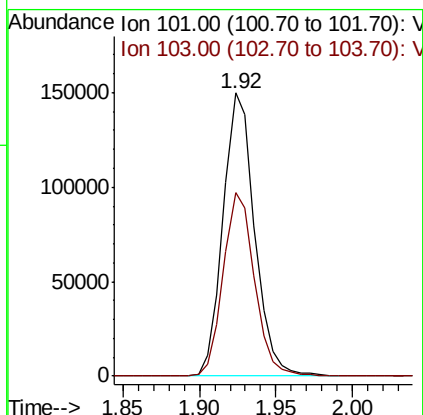
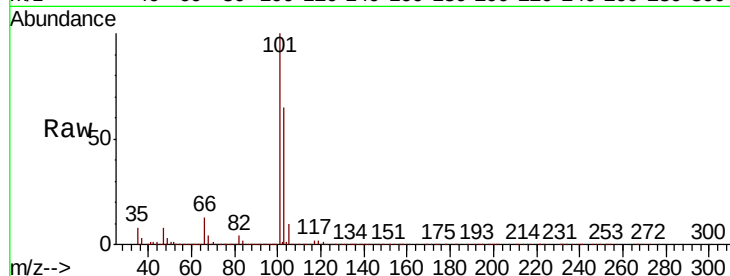


#7

Trichlorofluoromethane
Concen: 47.000 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :

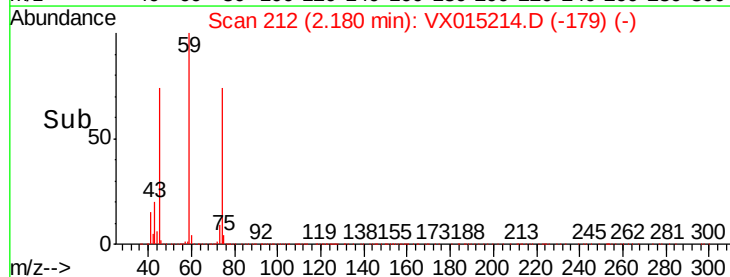
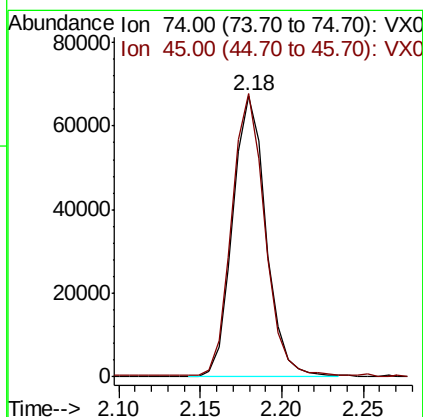
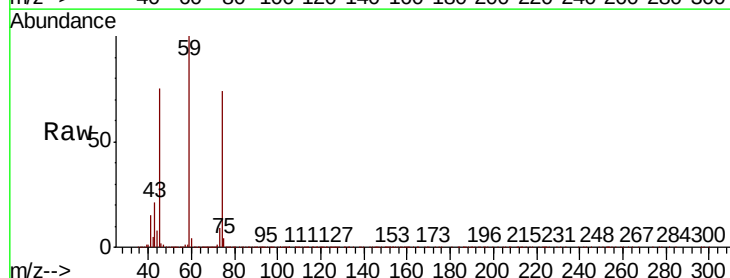
Tot Ion:101 Resp: 212633
Ion Ratio Lower Upper
101 100
103 64.7 52.5 78.7

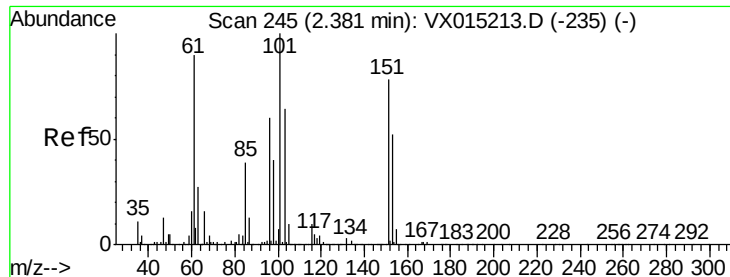


#8

Diethyl Ether
Concen: 49.316 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 74 Resp: 95272
Ion Ratio Lower Upper
74 100
45 100.6 19.1 171.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.313 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

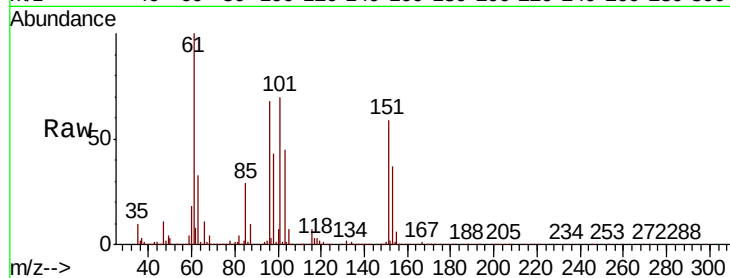
Tot Ion:101 Resp: 127135

Ion Ratio Lower Upper

101 100

85 41.9 0.0 84.6

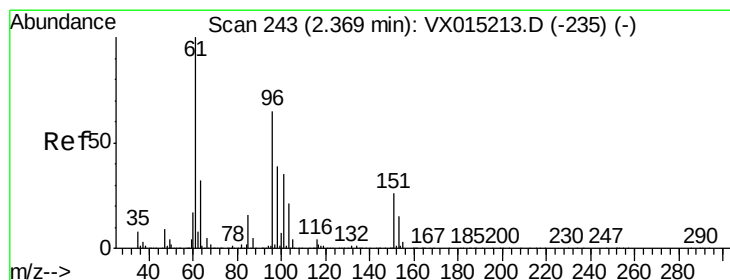
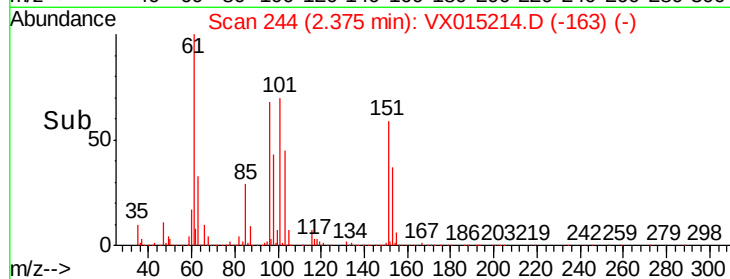
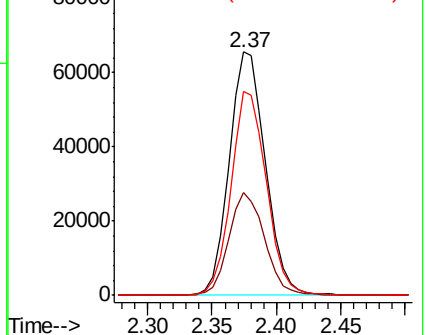
151 82.9 0.0 161.8



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: 50.093 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

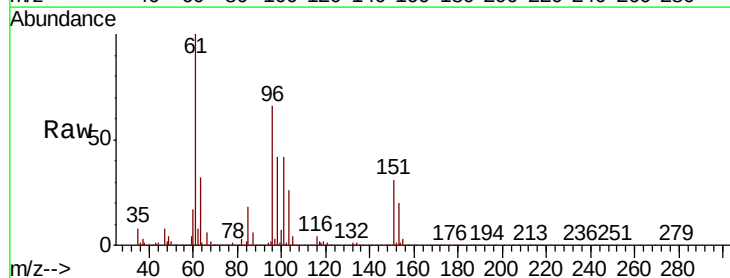
Tgt Ion: 96 Resp: 134042

Ion Ratio Lower Upper

96 100

61 150.9 123.1 184.7

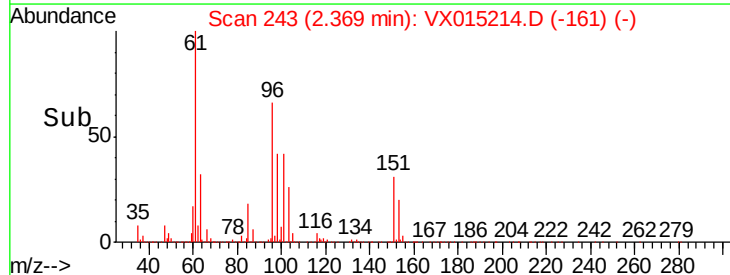
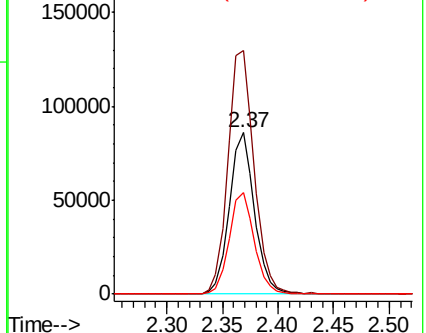
98 62.6 48.1 72.1

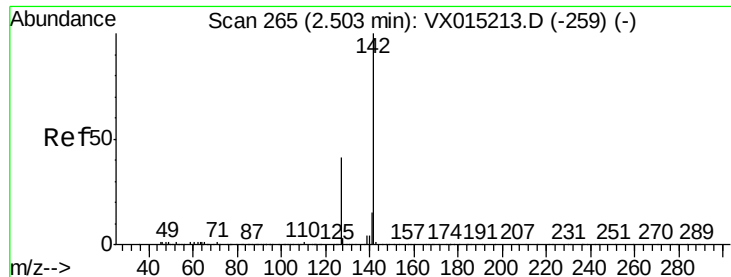


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

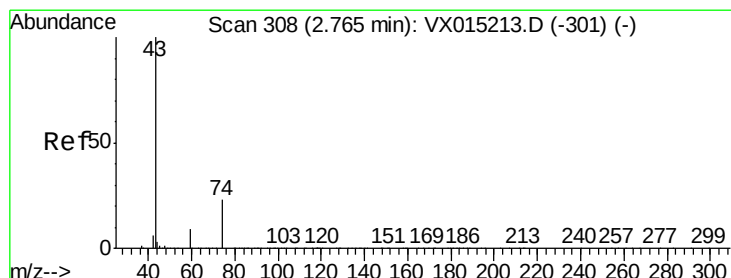
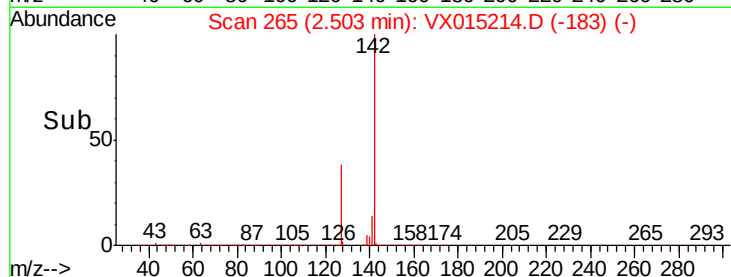
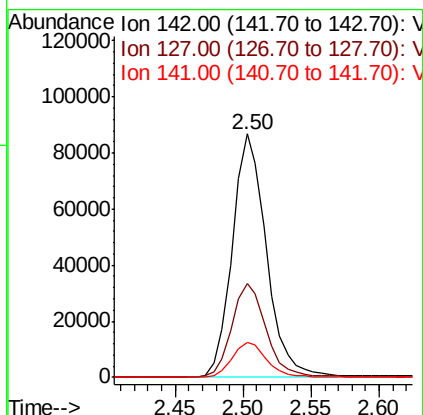
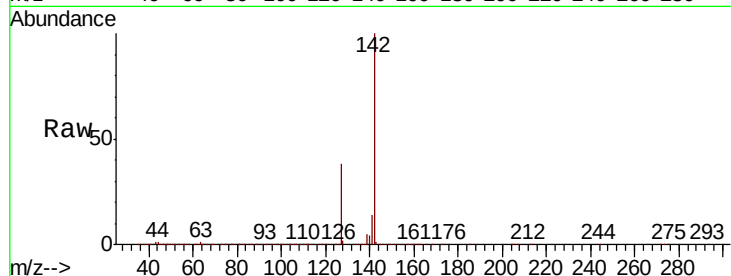




#11
Methvl Iodide
Concen: 47.932 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

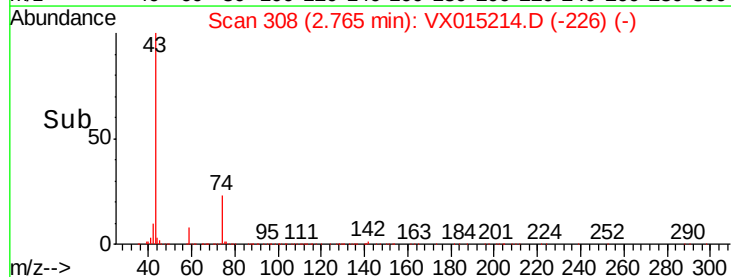
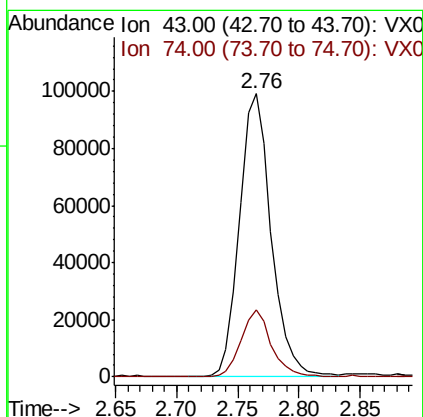
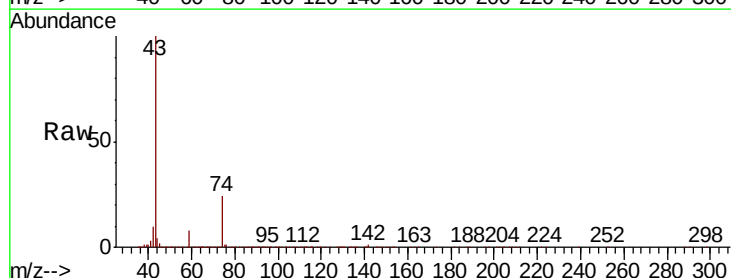
Instrument :
MSVOA_X
ClientSampleId :

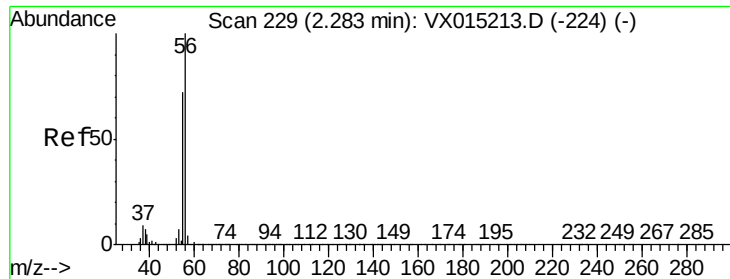
Tot Ion:142 Resp: 151138
Ion Ratio Lower Upper
142 100
127 38.2 20.7 62.1
141 14.2 7.5 22.6



#12
Methyl Acetate
Concen: 52.673 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 43 Resp: 176733
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5

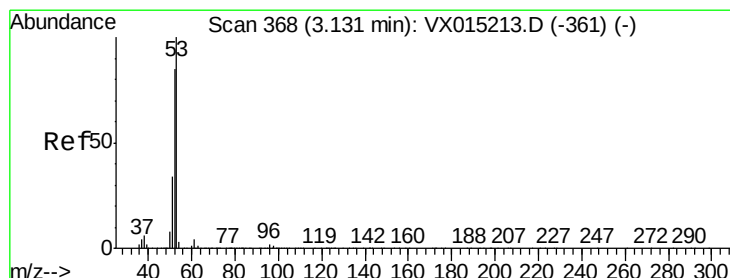
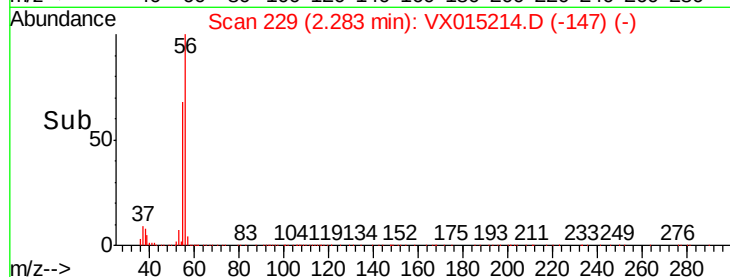
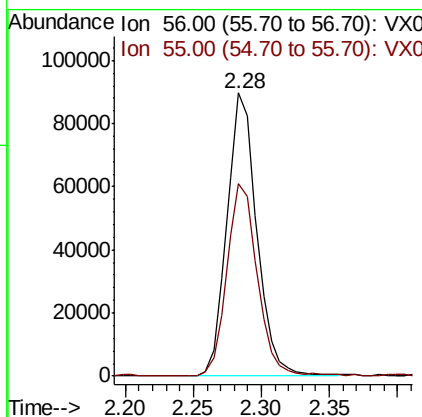
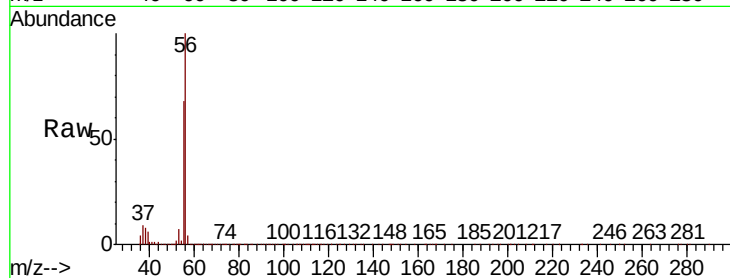




#13
Acrolein
Concen: 215.284 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

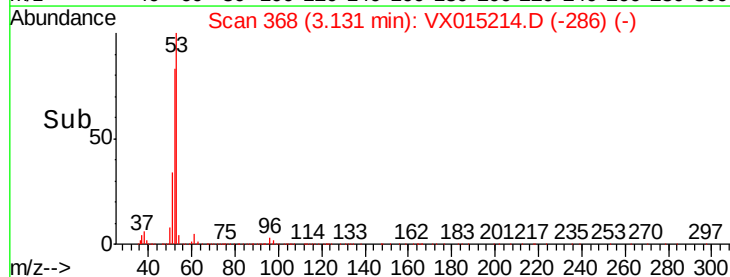
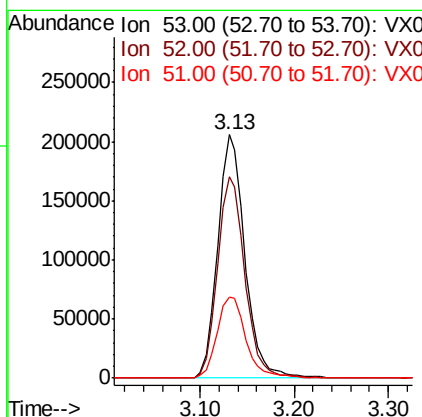
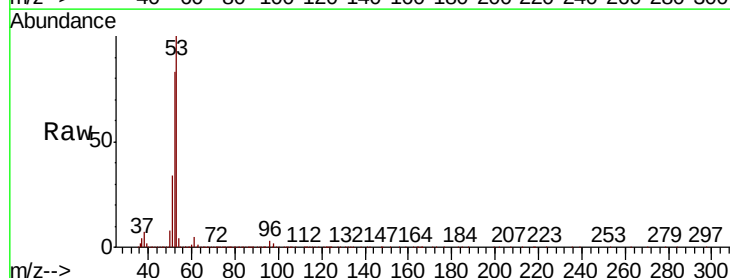
Instrument :
MSVOA_X
ClientSampleId :

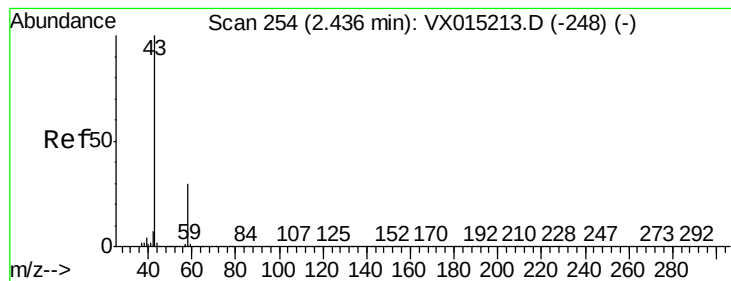
Tot Ion: 56 Resp: 136351
Ion Ratio Lower Upper
56 100
55 68.8 56.2 84.4



#14
Acrylonitrile
Concen: 268.444 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 53 Resp: 409592
Ion Ratio Lower Upper
53 100
52 83.0 41.1 123.3
51 35.4 18.1 54.4





#15

Acetone

Concen: 211.414 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

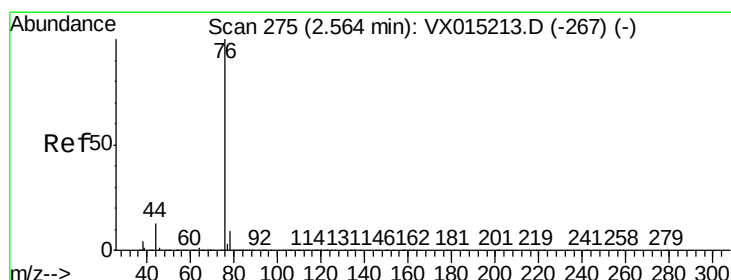
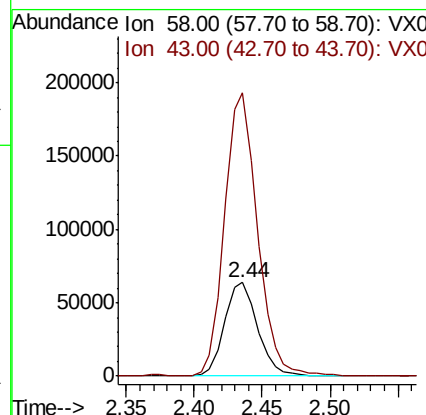
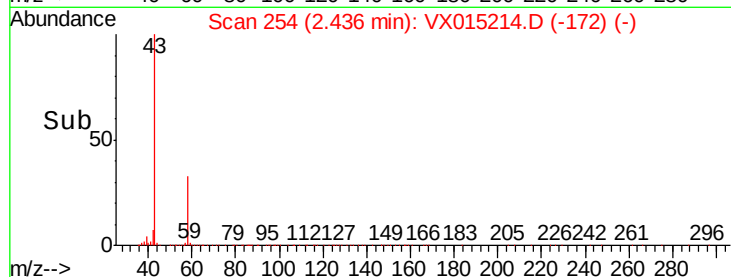
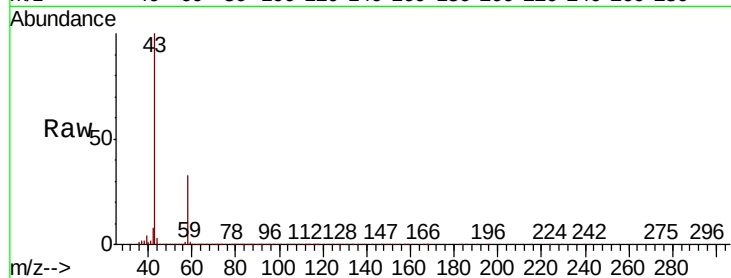
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 106417

Ion Ratio Lower Upper

58 100

43 303.2 267.7 401.5



#16

Carbon Disulfide

Concen: 51.925 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015214.D

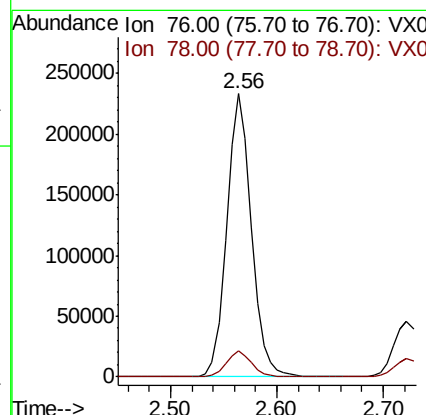
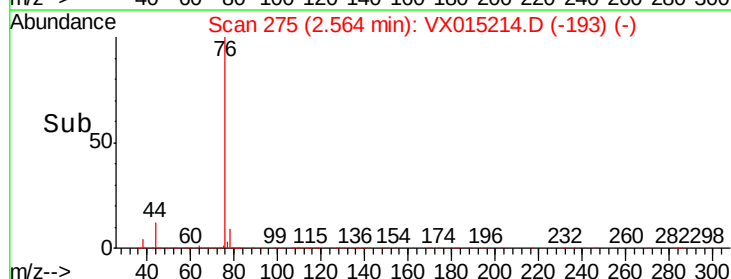
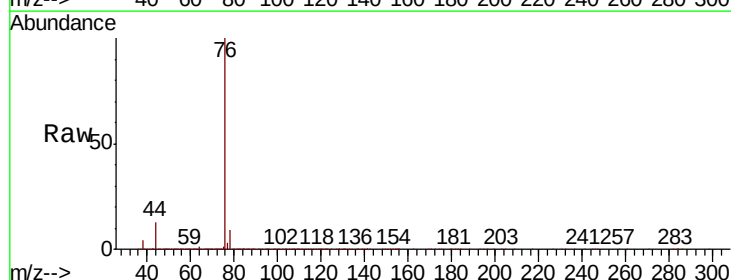
Acq: 11 Mar 2020 21:03

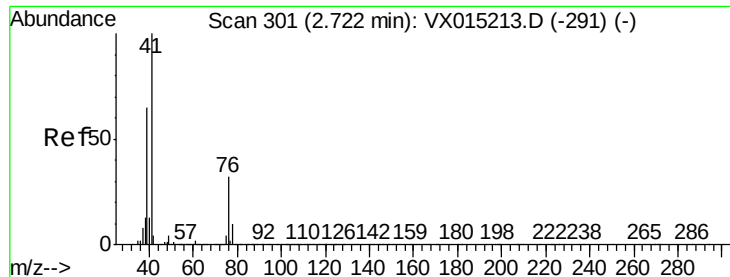
Tgt Ion: 76 Resp: 376164

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

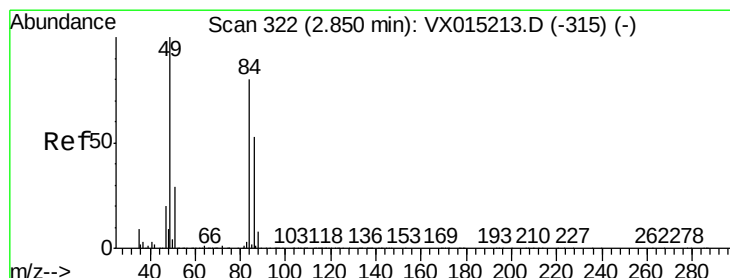
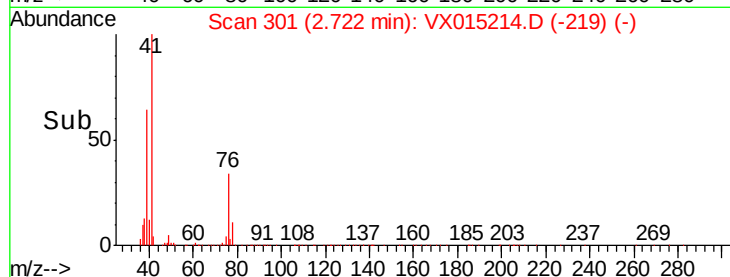
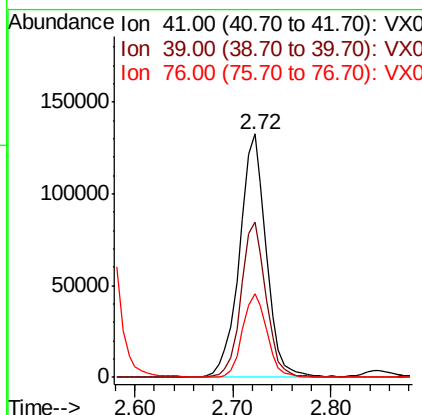
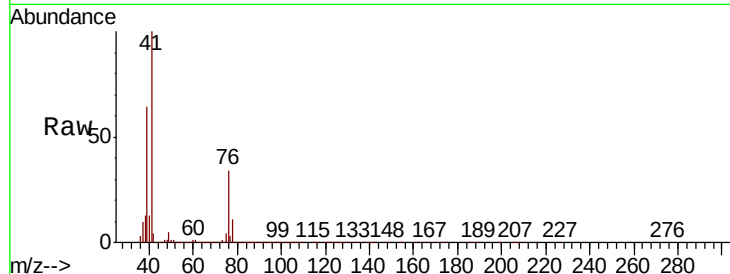




#17
Allvl chloride
Concen: 52.780 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

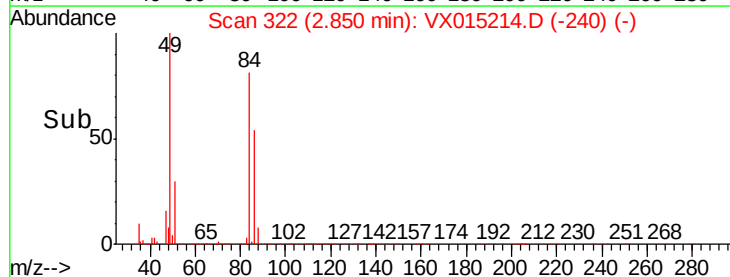
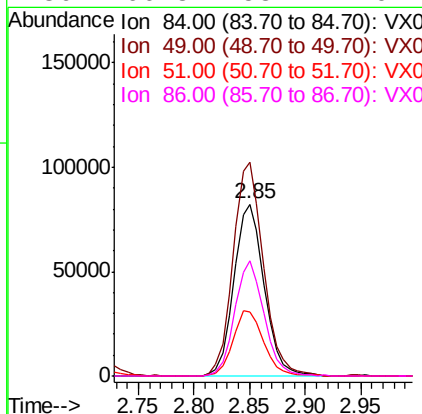
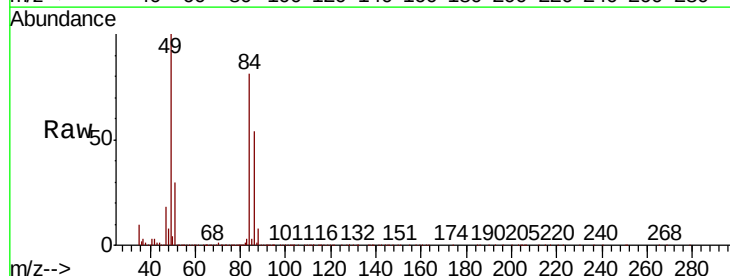
Instrument :
MSVOA_X
ClientSampleId :

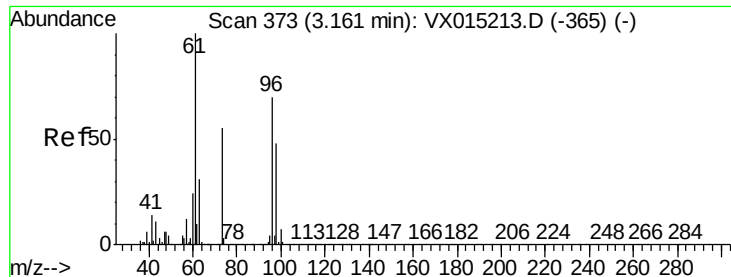
Tot Ion	Ratio	Lower	Upper
41	100		
39	63.8	32.6	97.7
76	34.2	16.2	48.5



#18
Methylene Chloride
Concen: 50.145 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	100.5	150.7
51	36.8	28.7	43.1
86	66.8	53.1	79.7





#19

trans-1,2-Dichloroethene

Concen: 50.778 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

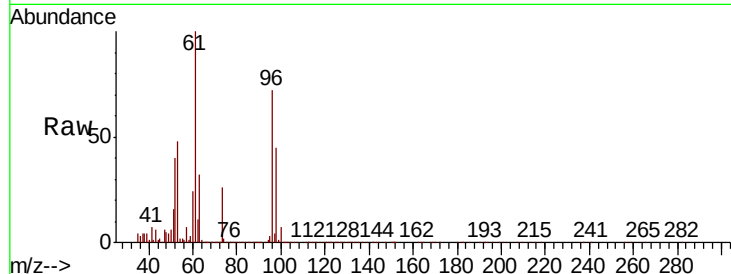
Tot Ion: 96 Resp: 148271

Ion Ratio Lower Upper

96 100

61 138.7 113.8 170.6

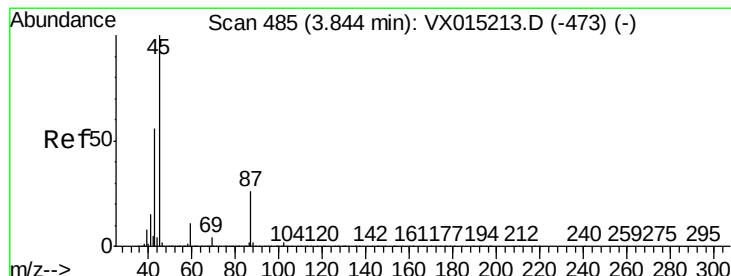
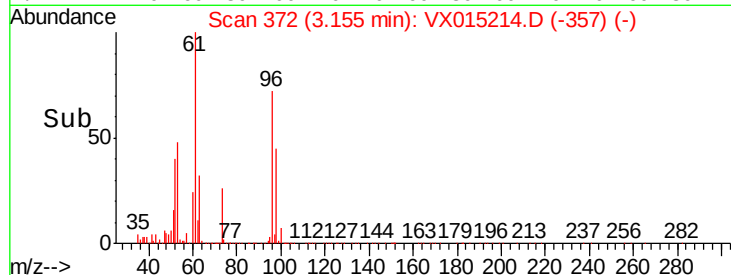
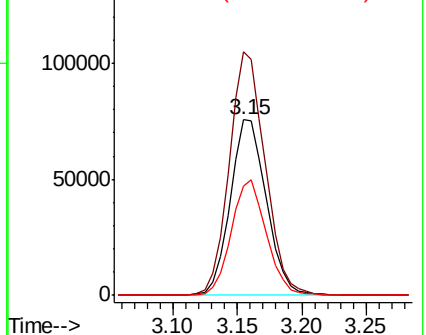
98 62.1 54.6 82.0



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



#20

Diisopropyl ether

Concen: 53.020 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Tgt Ion: 45 Resp: 507375

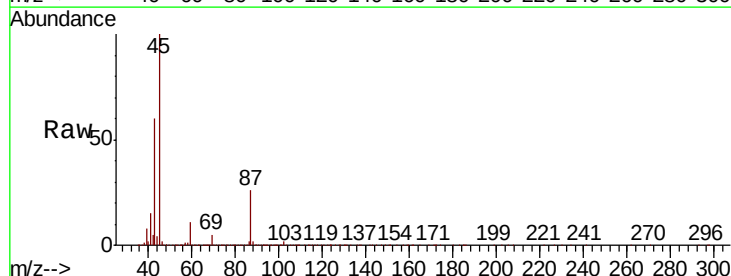
Ion Ratio Lower Upper

45 100

43 59.7 60.3 90.5#

87 26.4 21.0 31.6

59 11.1 9.0 13.4

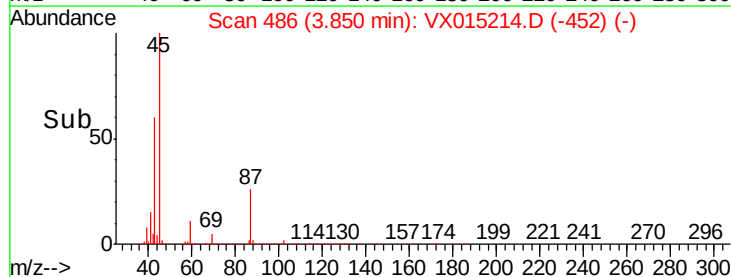
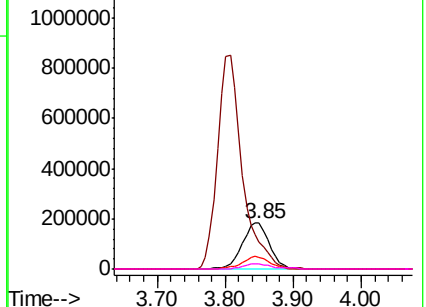


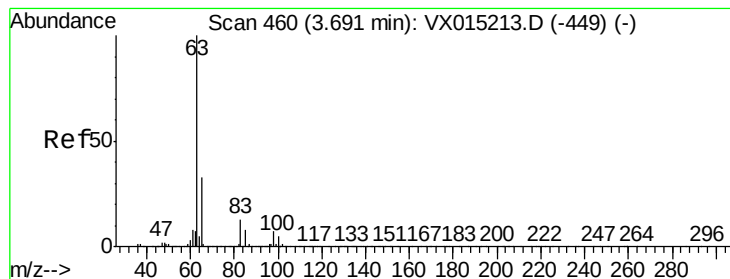
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 51.826 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

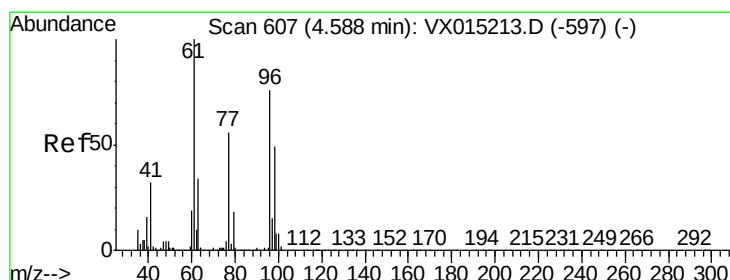
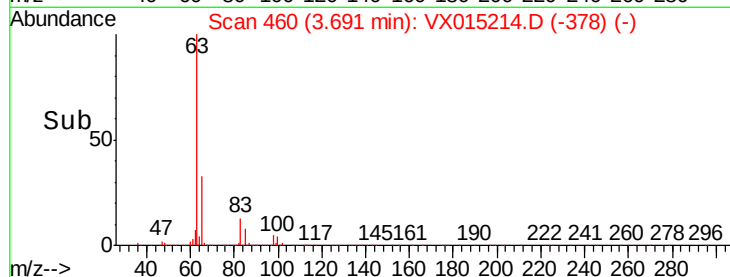
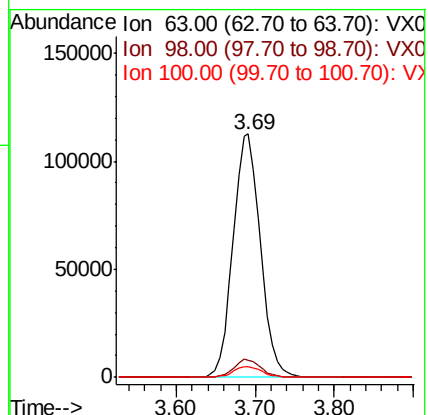
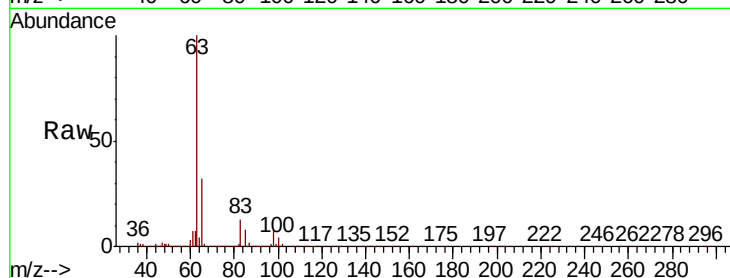
Tot Ion: 63 Resp: 270922

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.6 7.8



#22

cis-1,2-Dichloroethene

Concen: 50.496 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

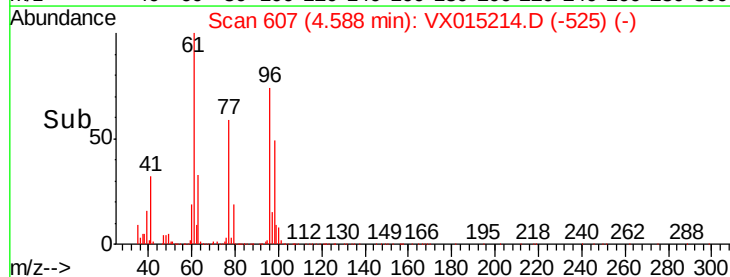
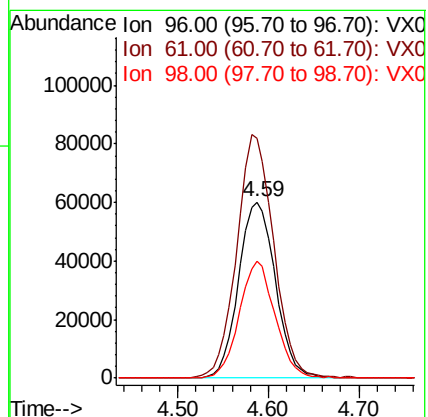
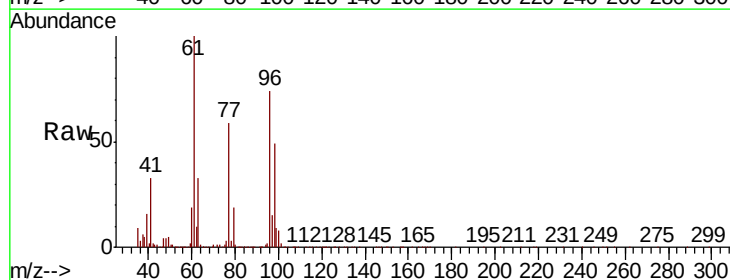
Tgt Ion: 96 Resp: 168784

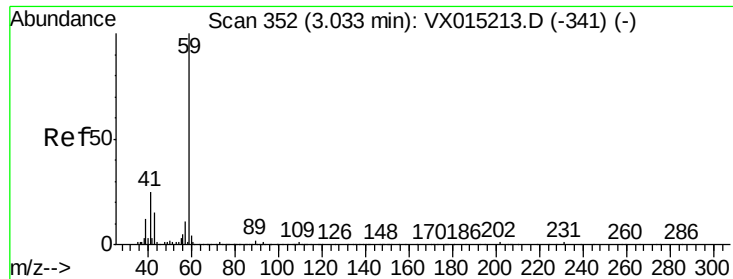
Ion Ratio Lower Upper

96 100

61 139.2 109.3 163.9

98 64.2 51.3 76.9



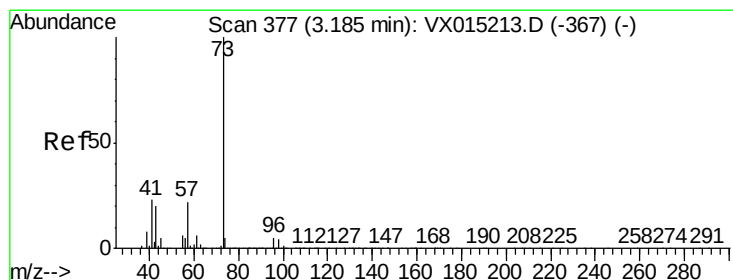
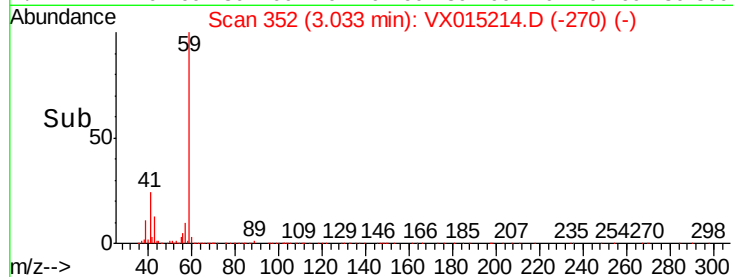
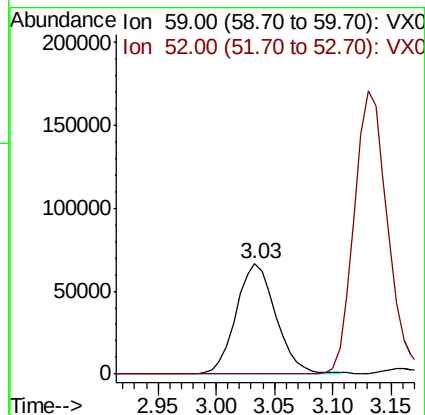
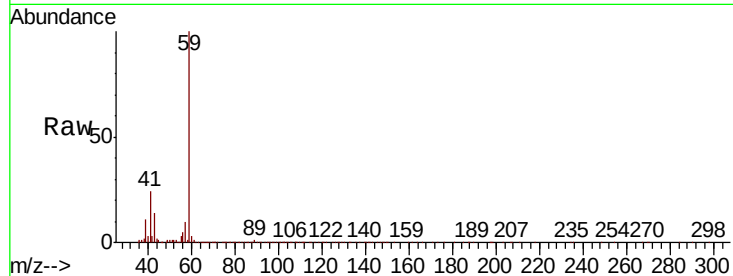


#23

tert-Butyl Alcohol
Concen: 263.406 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :

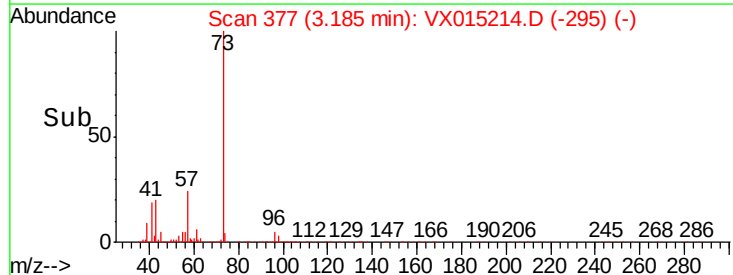
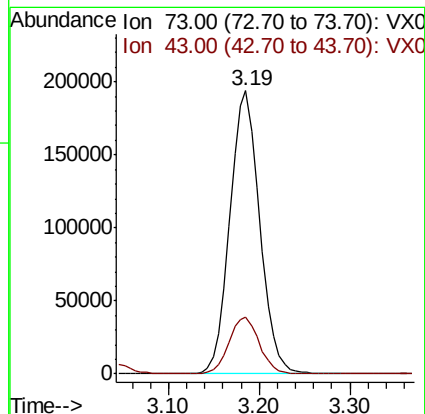
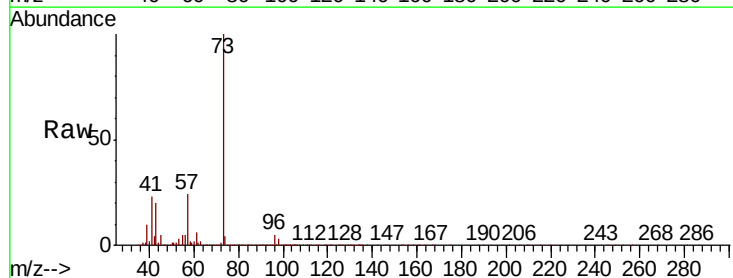
Tot Ion: 59 Resp: 158455
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#

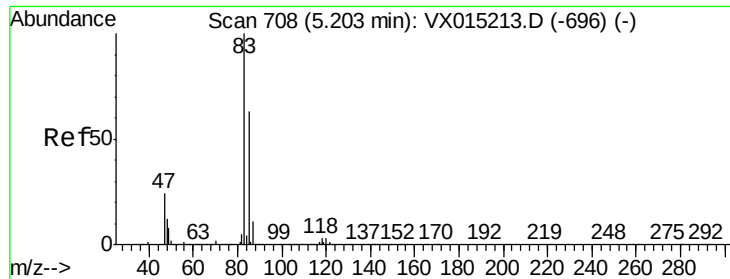


#24

Methyl tert-Butyl Ether
Concen: 50.058 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 73 Resp: 442315
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6

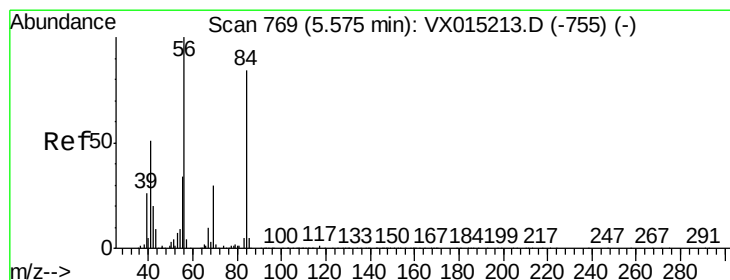
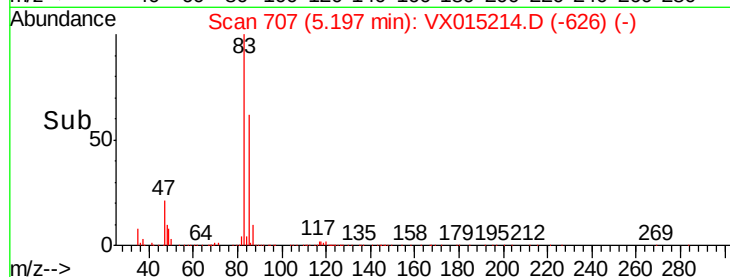
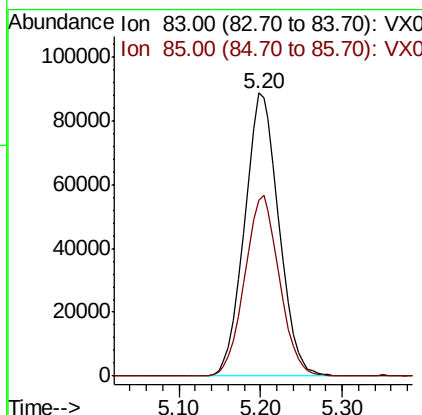
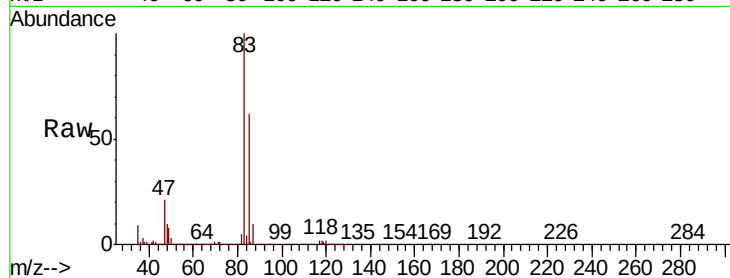




#25
Chloroform
Concen: 49.726 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

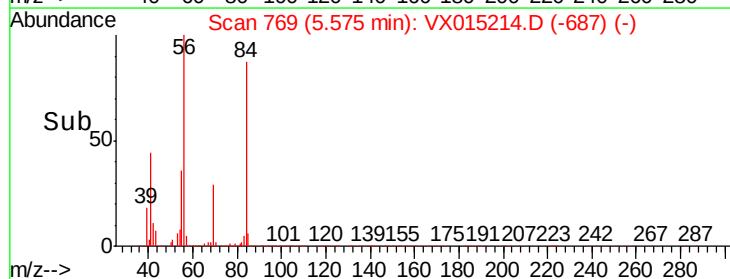
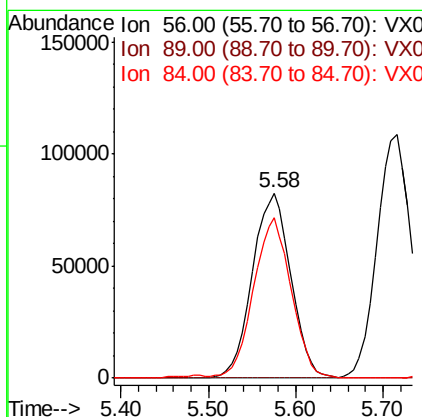
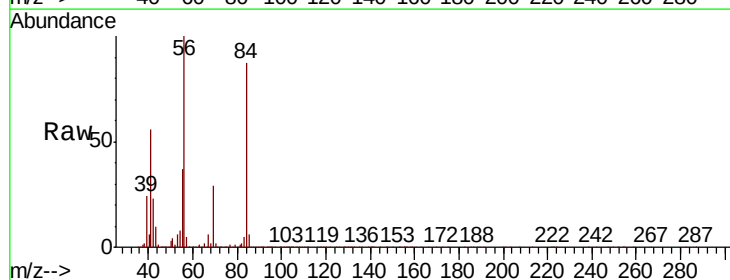
Instrument :
MSVOA_X
ClientSampleId :

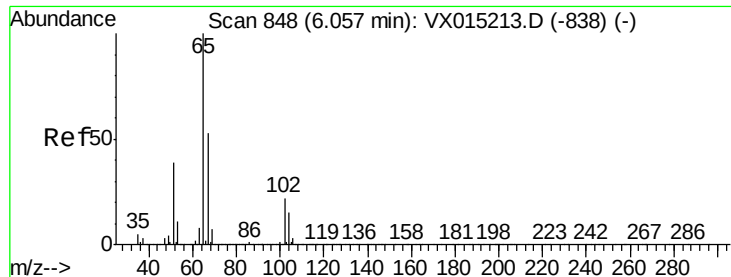
Tot Ion: 83 Resp: 259372
Ion Ratio Lower Upper
83 100
85 61.9 50.7 76.1



#26
Cyclohexane
Concen: 53.449 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 56 Resp: 250294
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 85.4 67.3 100.9

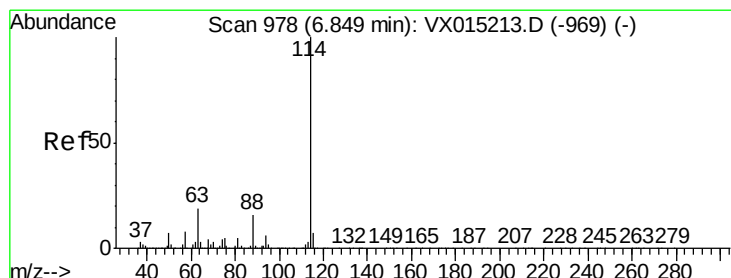
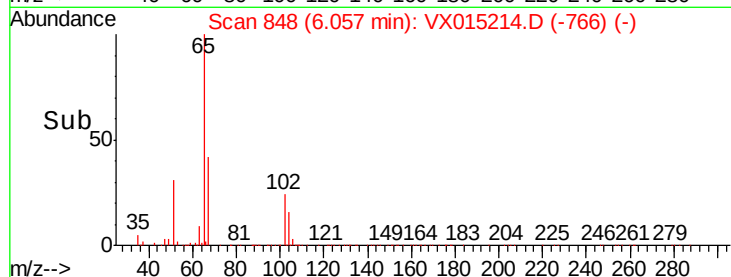
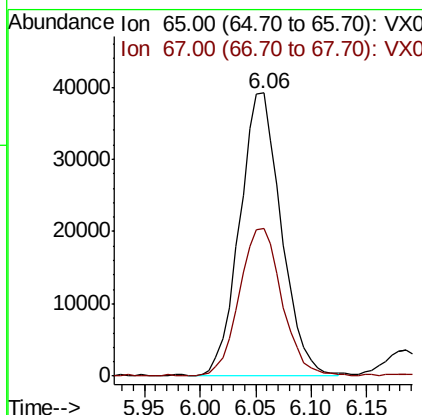
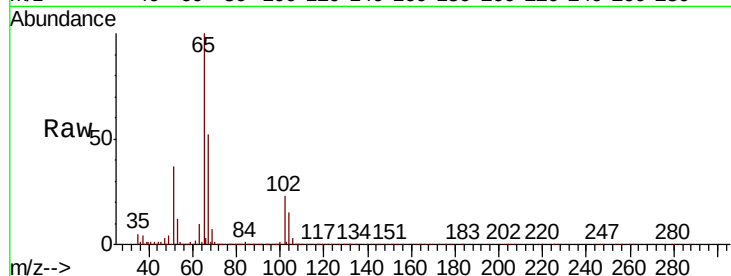




#27
 1,2-Dichloroethane-d4
 Concen: 29.408 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

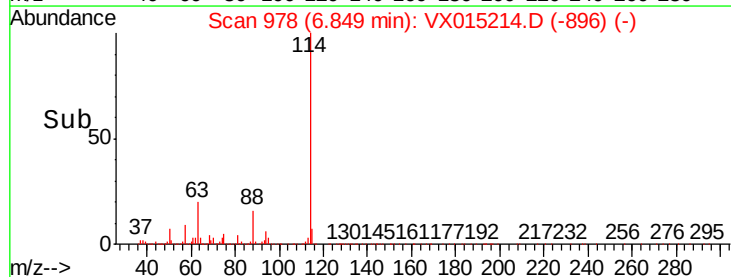
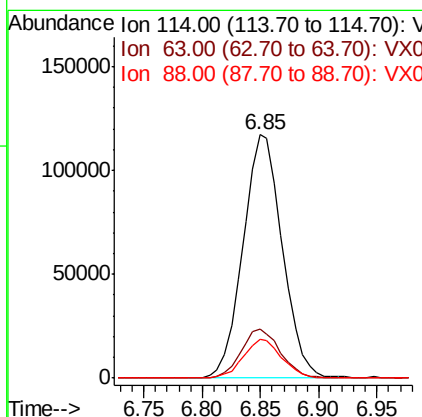
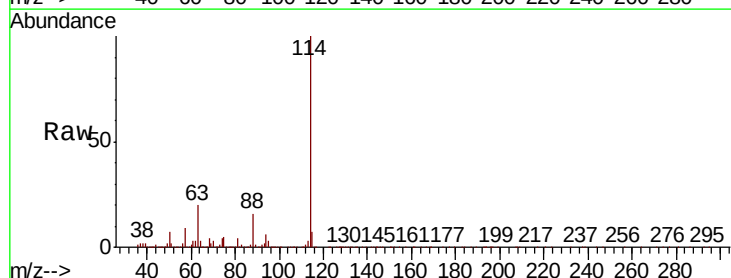
Instrument :
 MSVOA_X
 ClientSampleId :

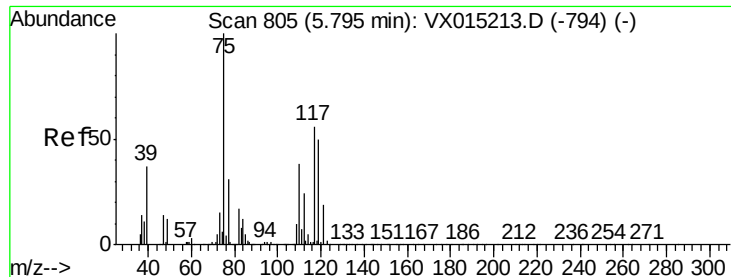
Tot Ion: 65 Resp: 101913
 Ion Ratio Lower Upper
 65 100
 67 53.7 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion: 114 Resp: 273906
 Ion Ratio Lower Upper
 114 100
 63 20.2 15.8 23.6
 88 15.7 12.4 18.6





#29

1,1-Dichloropropene

Concen: 50.898 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

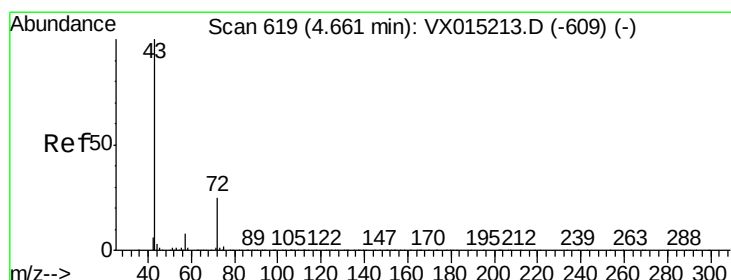
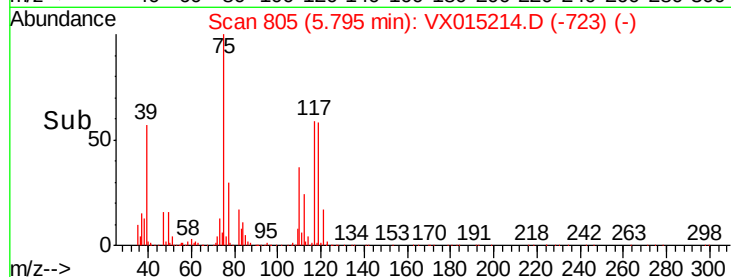
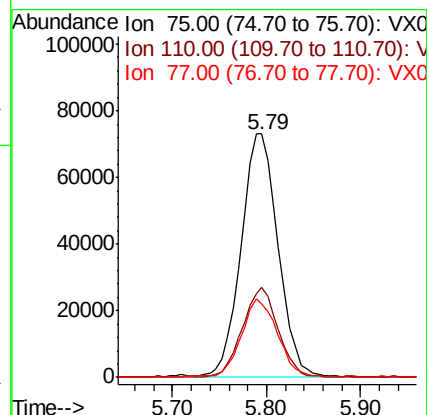
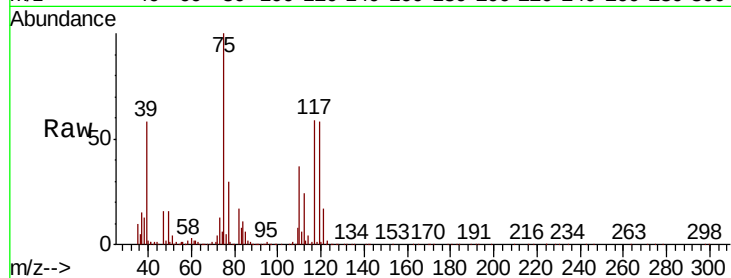
Tot Ion: 75 Resp: 200618

Ion Ratio Lower Upper

75 100

110 35.9 0.0 74.2

77 31.3 0.0 61.6



#30

2-Butanone

Concen: 249.438 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

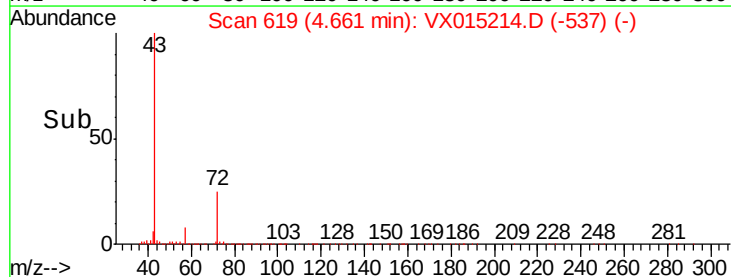
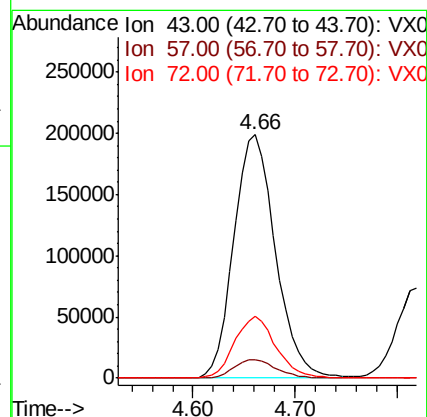
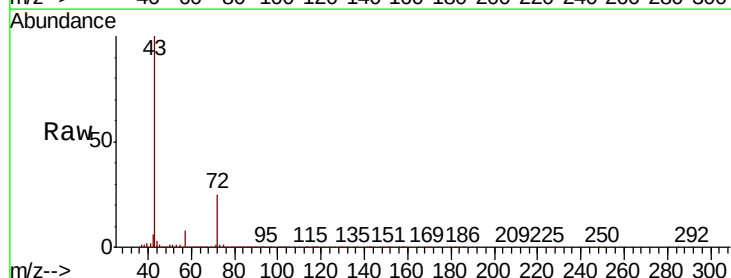
Tgt Ion: 43 Resp: 559318

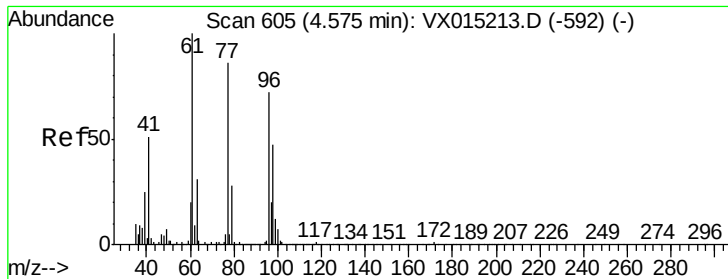
Ion Ratio Lower Upper

43 100

57 7.9 6.0 9.0

72 24.9 20.2 30.4





#31

2,2-Dichloropropane

Concen: 42.696 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

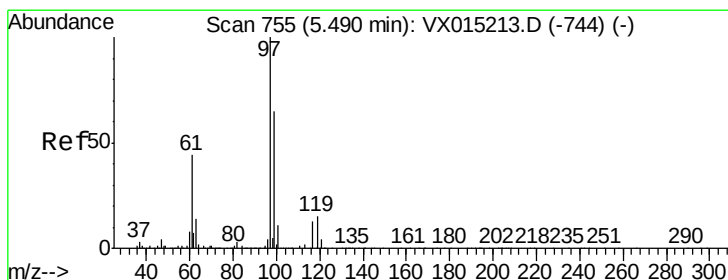
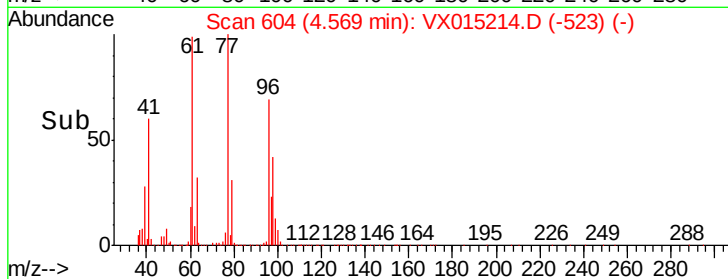
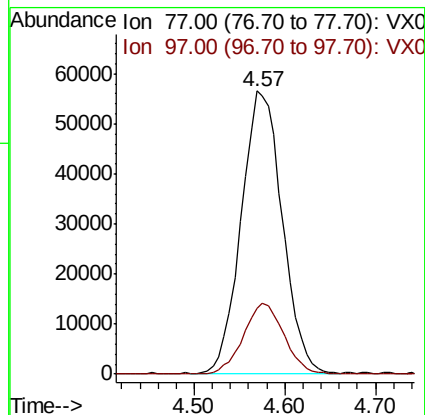
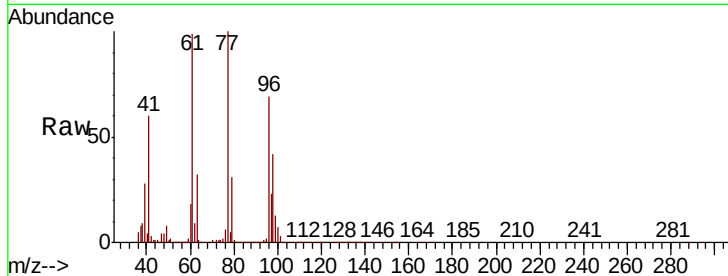
ClientSampleId :

Tot Ion: 77 Resp: 177673

Ion Ratio Lower Upper

77 100

97 24.6 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 49.274 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

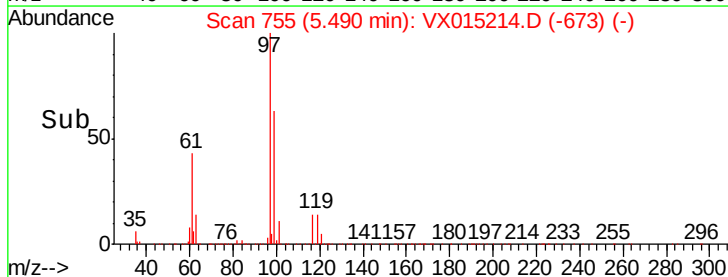
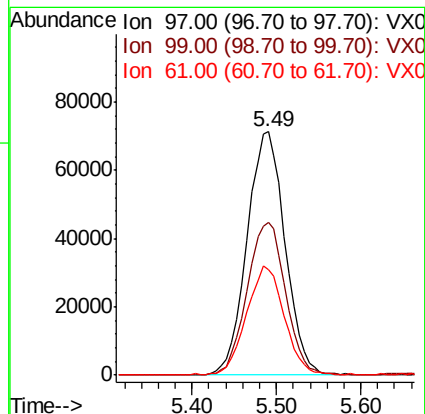
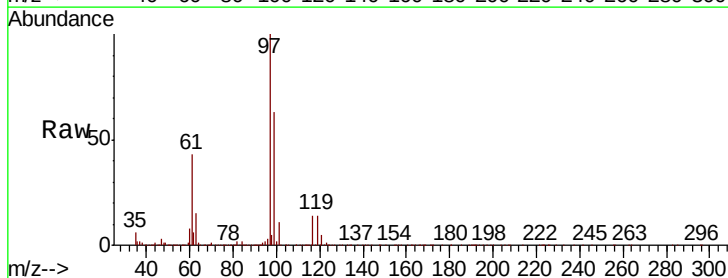
Tgt Ion: 97 Resp: 218674

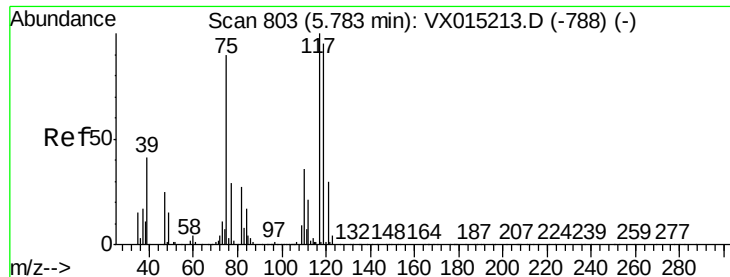
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.6

61 44.7 36.1 54.1





#33

Carbon Tetrachloride

Concen: 49.331 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

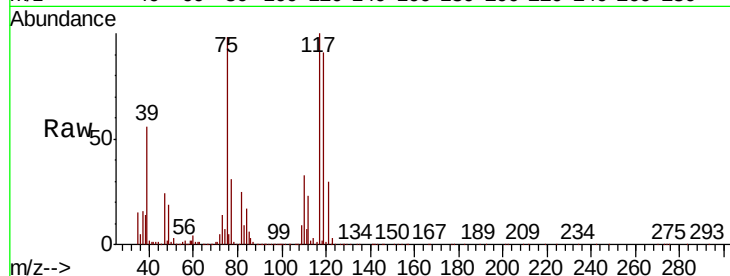
Tot Ion:117 Resp: 191201

Ion Ratio Lower Upper

117 100

119 91.4 76.2 114.2

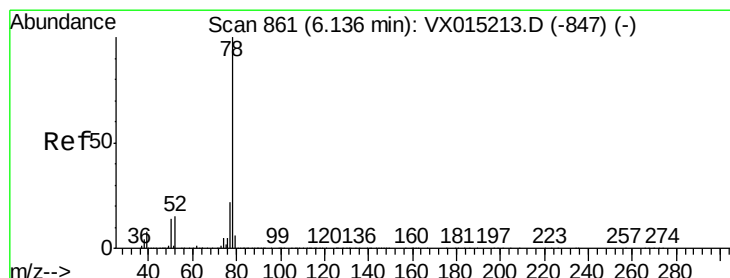
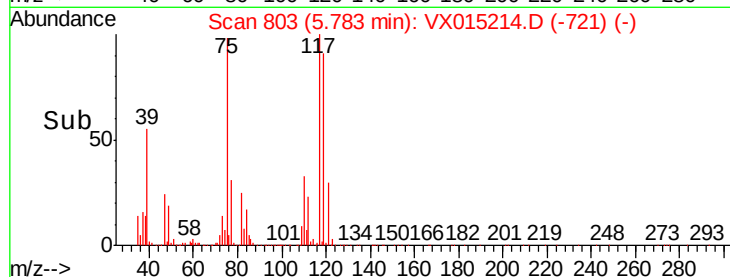
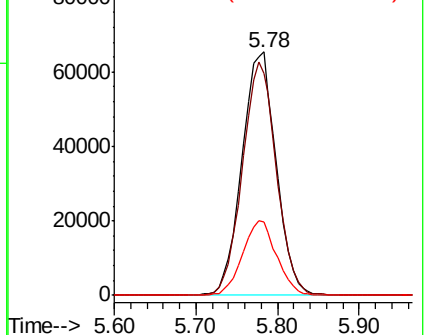
121 29.9 24.2 36.4



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: 51.656 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

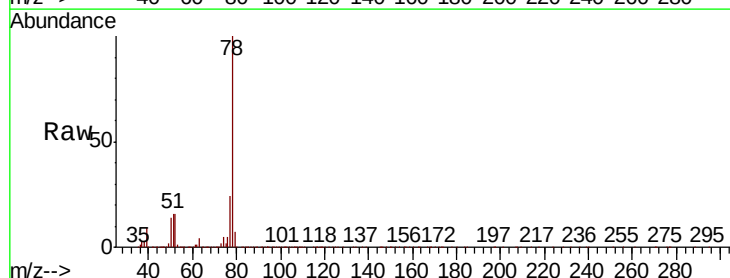
Tgt Ion: 78 Resp: 618257

Ion Ratio Lower Upper

78 100

77 23.5 17.9 26.9

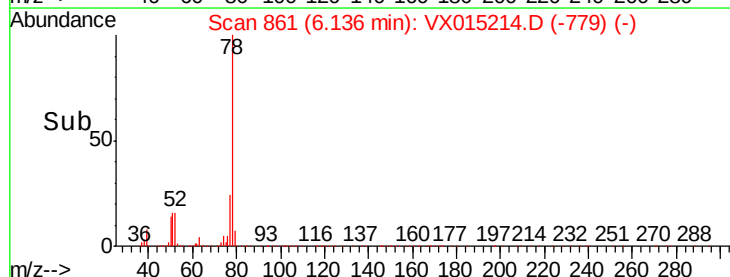
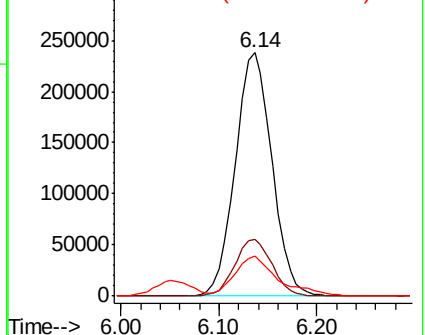
51 15.9 13.4 20.0

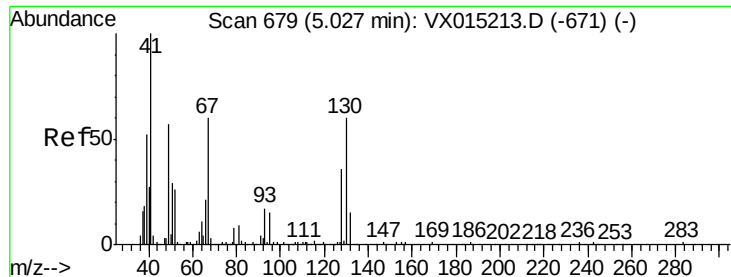


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

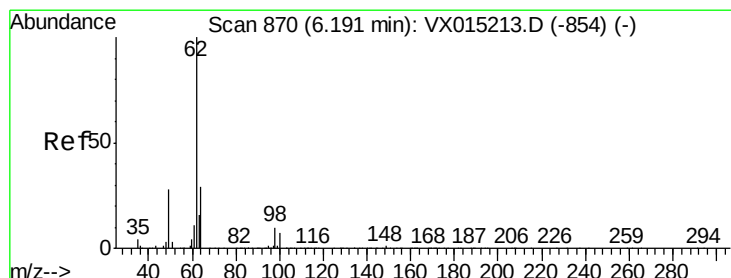
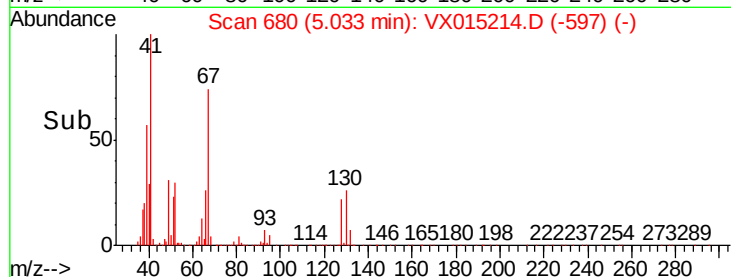
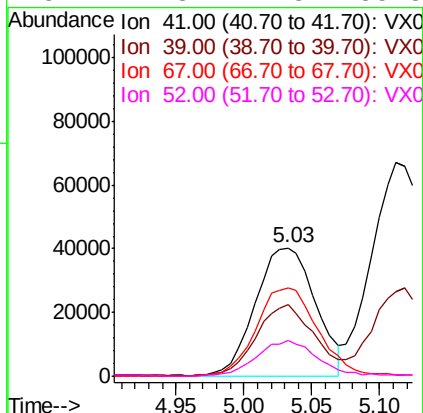
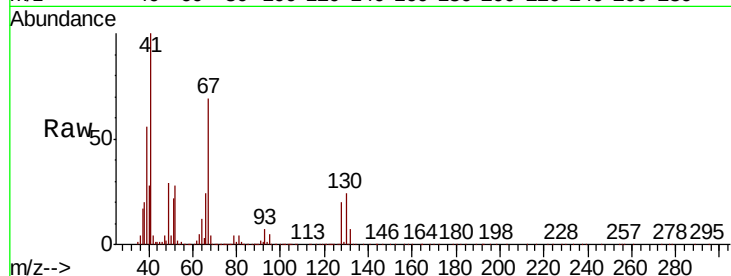




#35
Methacrylonitrile
Concen: 52.789 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

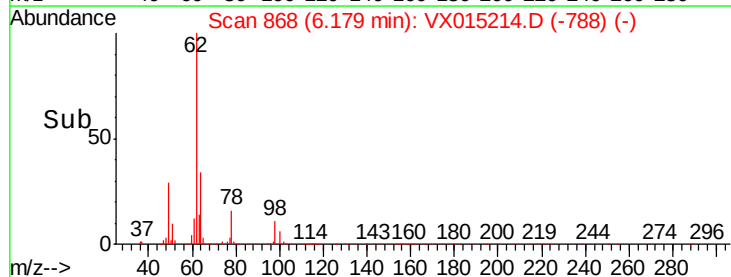
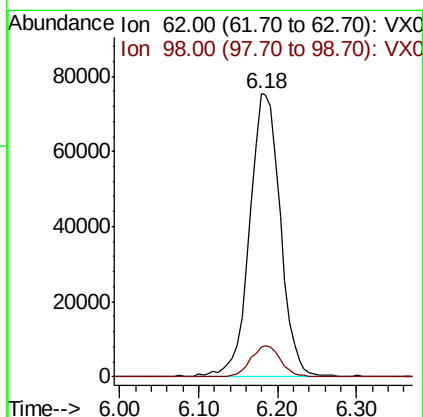
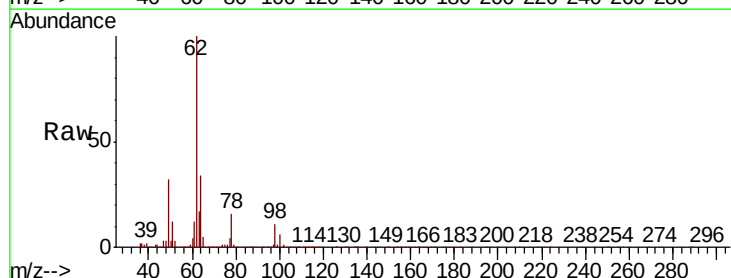
Instrument :
MSVOA_X
ClientSampled :

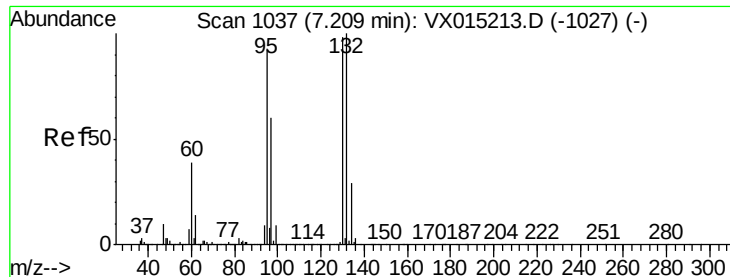
Tot Ion:	41	Resp:	123385
Ion	Ratio	Lower	Upper
41	100		
39	56.1	25.9	77.6
67	69.2	29.4	88.2
52	27.3	12.8	38.3



#36
1,2-Dichloroethane
Concen: 48.606 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion:	62	Resp:	202394
Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.6	13.0

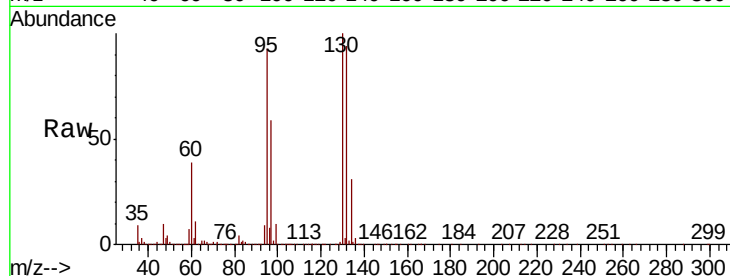




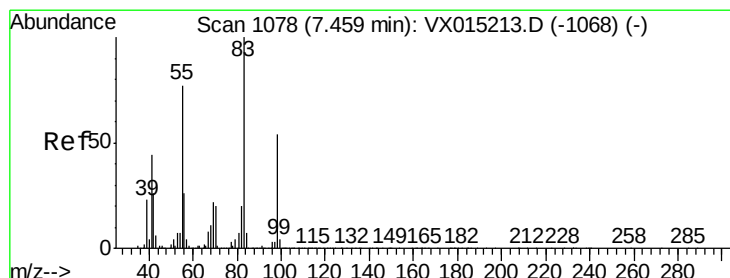
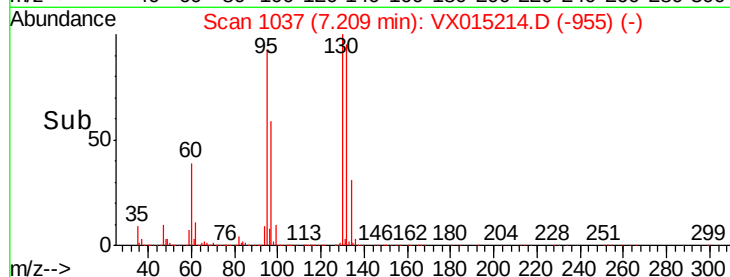
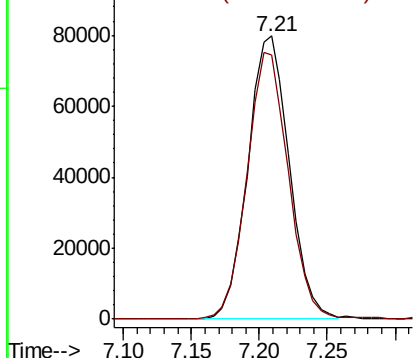
#37
 Trichloroethene
 Concen: 50.419 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 169624
 Ion Ratio Lower Upper
 130 100
 95 93.1 75.4 113.2

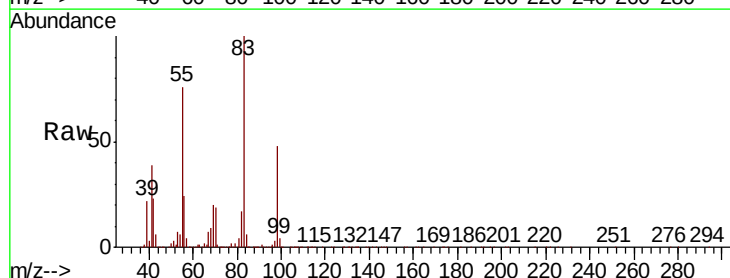


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

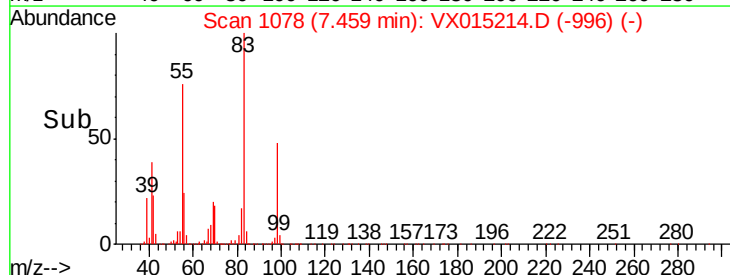
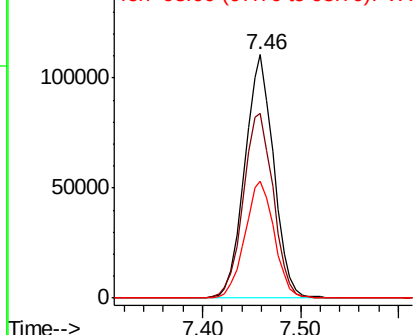


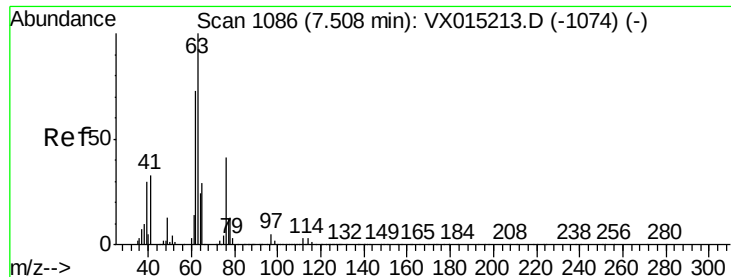
#38
 Methylcyclohexane
 Concen: 46.942 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion: 83 Resp: 227336
 Ion Ratio Lower Upper
 83 100
 55 78.7 39.9 119.6
 98 48.9 24.8 74.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

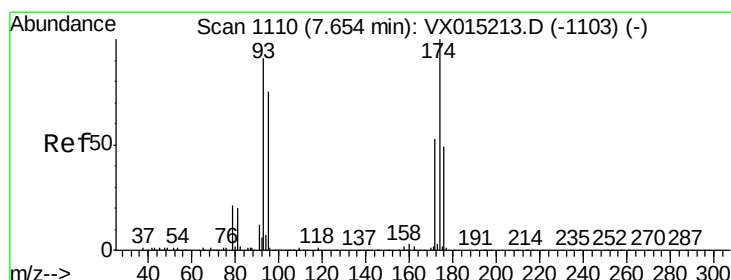
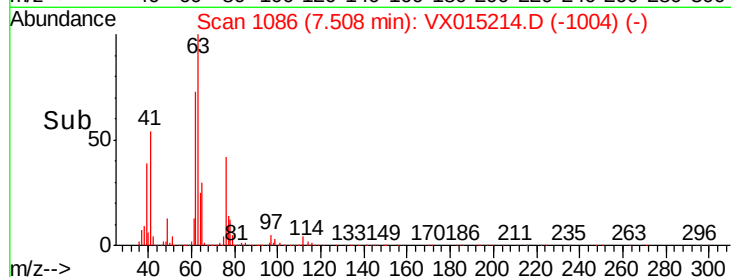
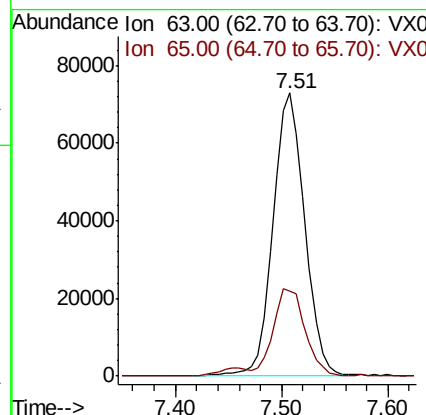
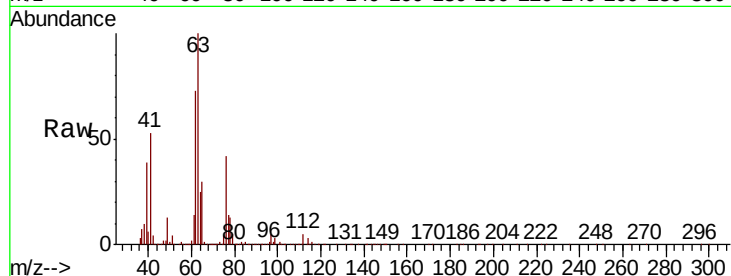




#39
 1,2-Dichloropropane
 Concen: 48.523 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

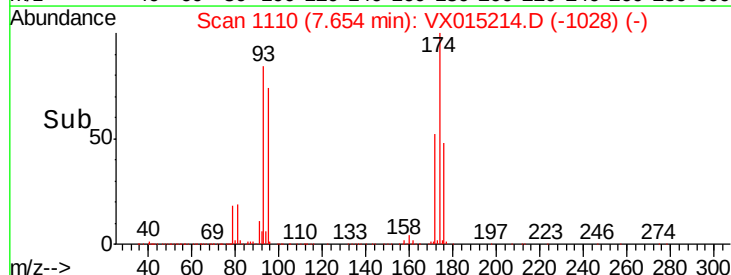
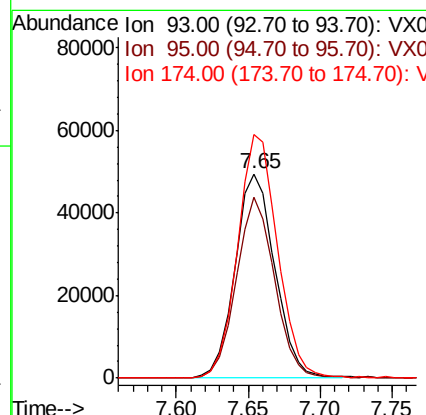
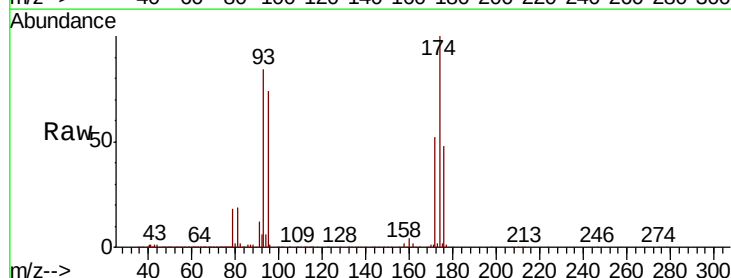
Instrument :
 MSVOA_X
 ClientSampled :

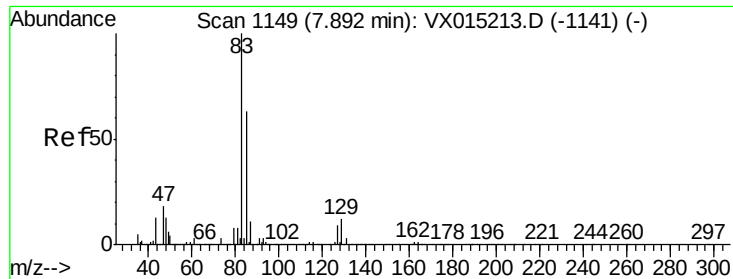
Tot Ion: 63 Resp: 150358
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.8 35.8



#40
 Dibromomethane
 Concen: 46.413 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion: 93 Resp: 95008
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 159.6
 174 119.3 0.0 225.2





#41

Bromodichloromethane

Concen: 47.401 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampled :

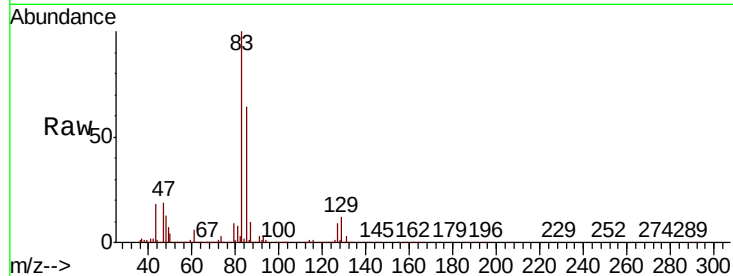
Tot Ion: 83 Resp: 189886

Ion Ratio Lower Upper

83 100

85 64.4 50.0 75.0

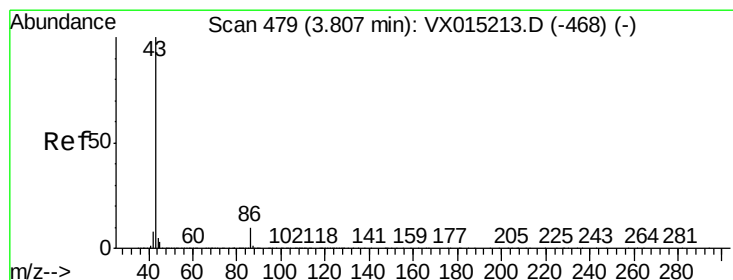
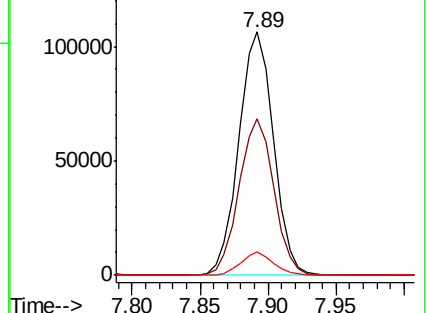
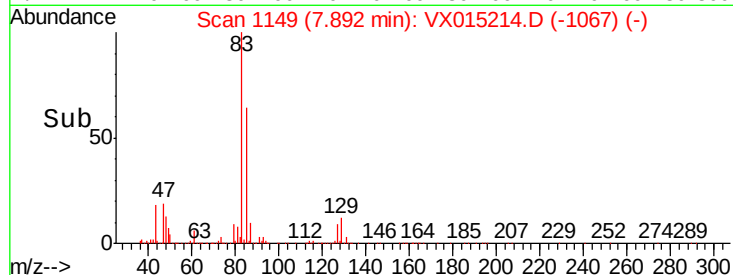
127 9.5 7.1 10.7



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: 267.571 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015214.D

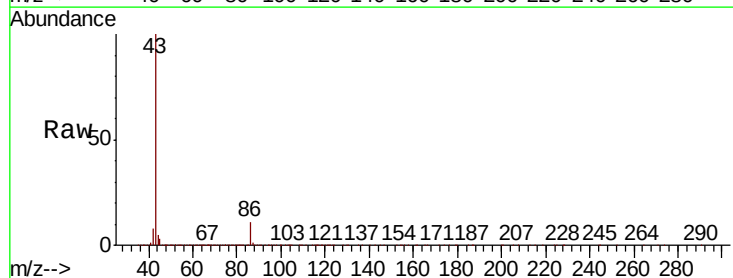
Acq: 11 Mar 2020 21:03

Tgt Ion: 43 Resp: 2165193

Ion Ratio Lower Upper

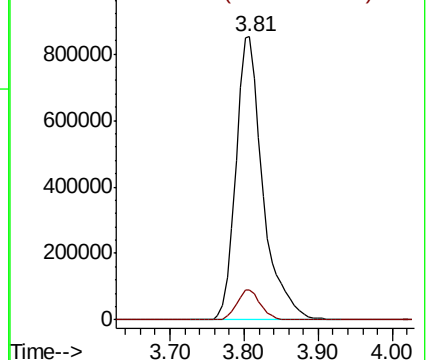
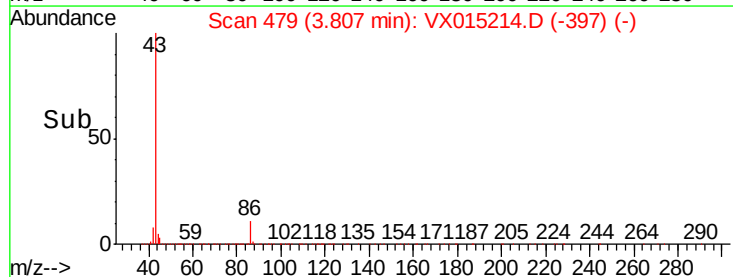
43 100

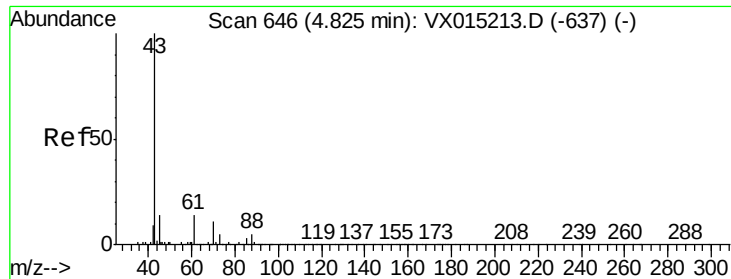
86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

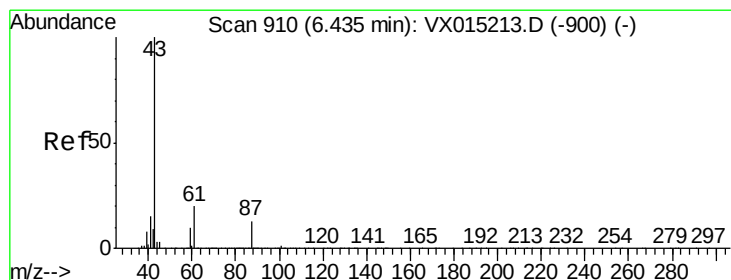
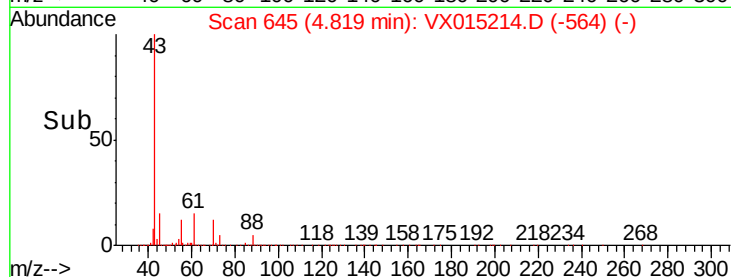
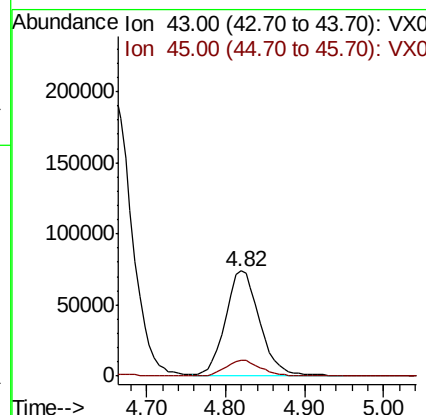
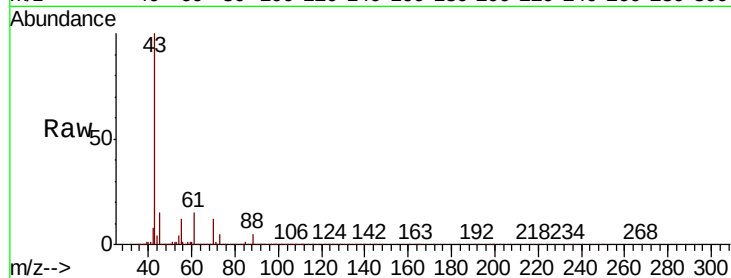




#43
Ethyl Acetate
Concen: 53.261 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

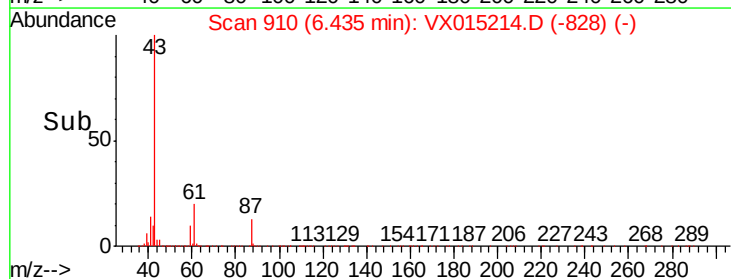
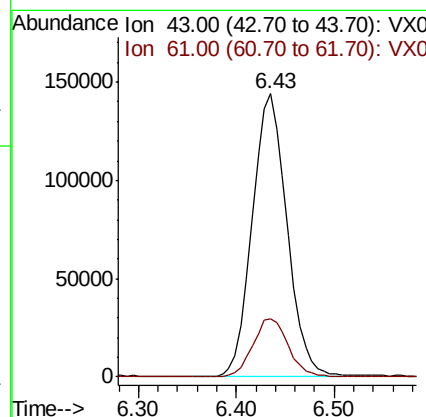
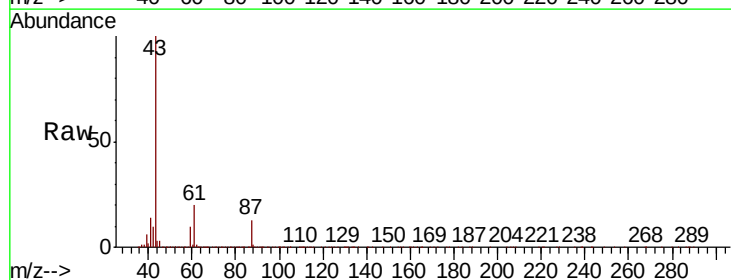
Instrument :
MSVOA_X
ClientSampled :

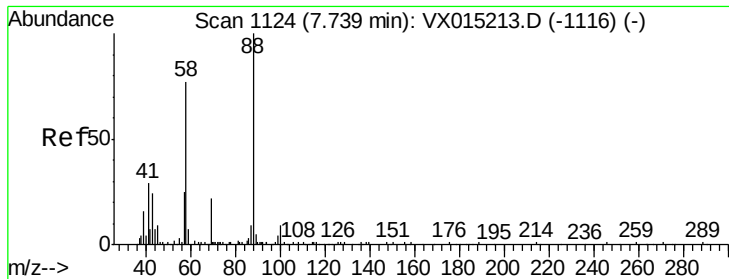
Tot Ion: 43 Resp: 222551
Ion Ratio Lower Upper
43 100
45 15.2 0.1 0.1#



#44
Isopropyl Acetate
Concen: 51.272 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 43 Resp: 354574
Ion Ratio Lower Upper
43 100
61 20.8 16.7 25.1





#45

1,4-Dioxane

Concen: 1085.129 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :

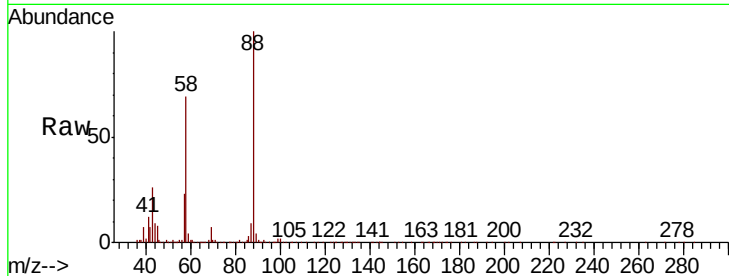
Tot Ion: 88 Resp: 71452

Ion Ratio Lower Upper

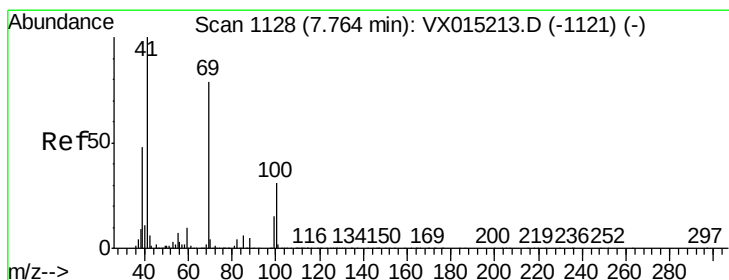
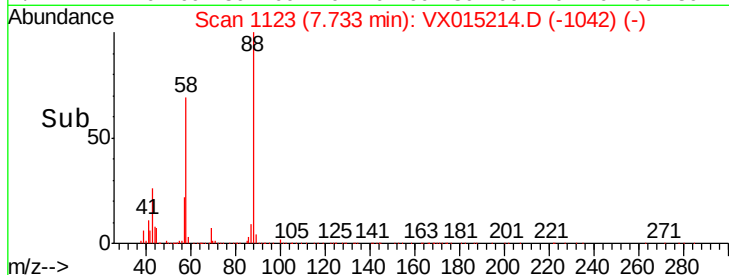
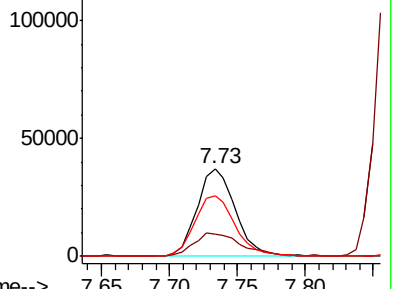
88 100

43 31.9 24.8 37.2

58 74.0 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: 48.583 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

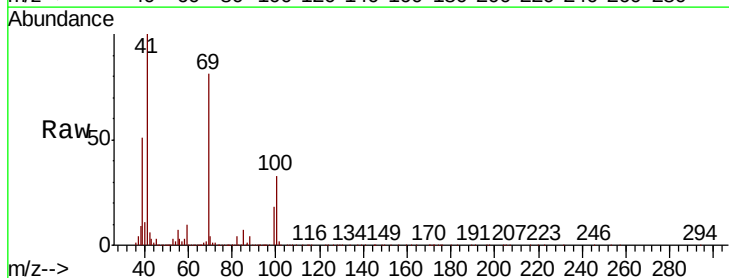
Tgt Ion: 41 Resp: 166682

Ion Ratio Lower Upper

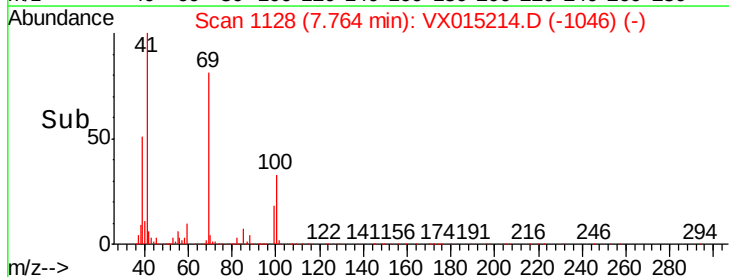
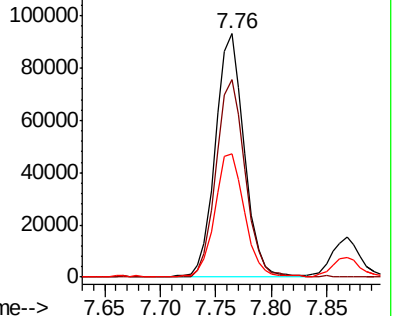
41 100

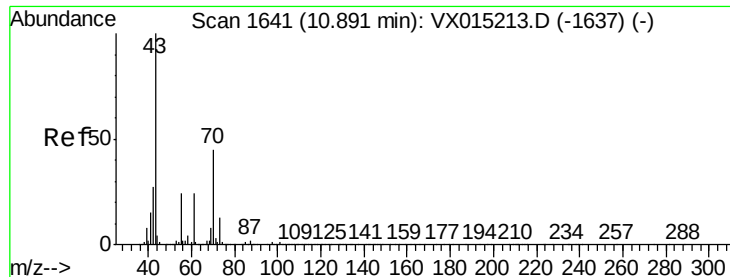
69 81.2 39.6 118.7

39 50.7 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

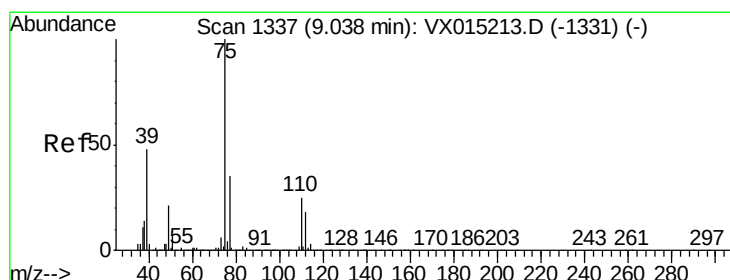
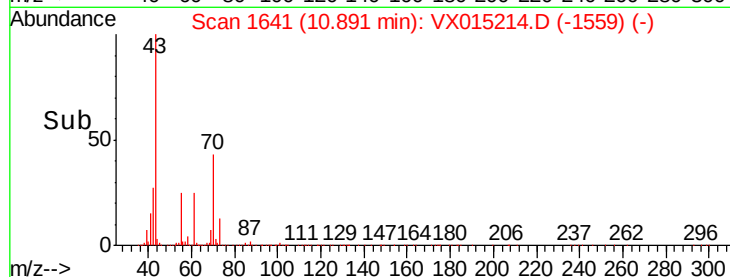
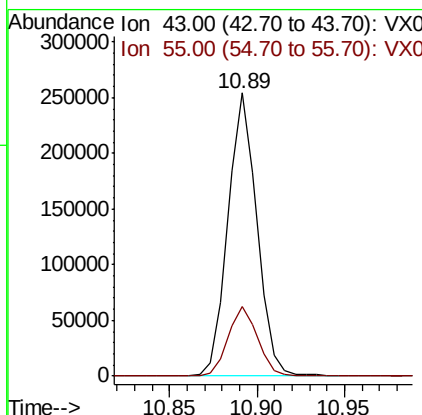
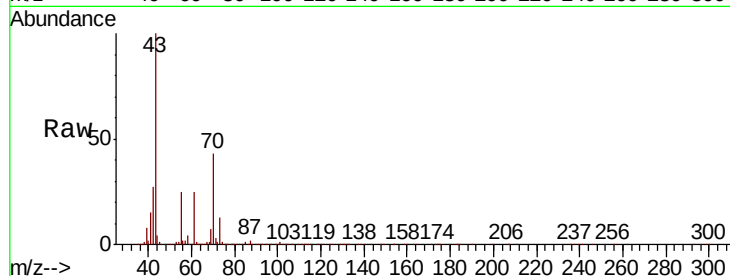




#47
n-amvl Acetate
Concen: 48.916 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

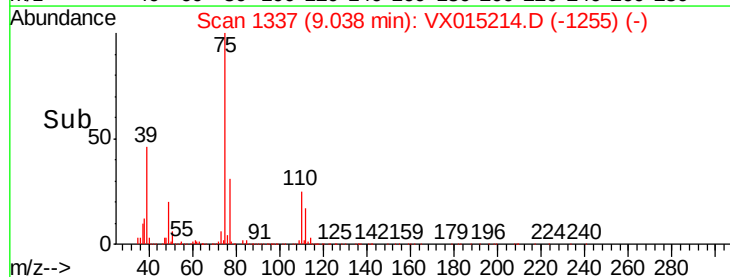
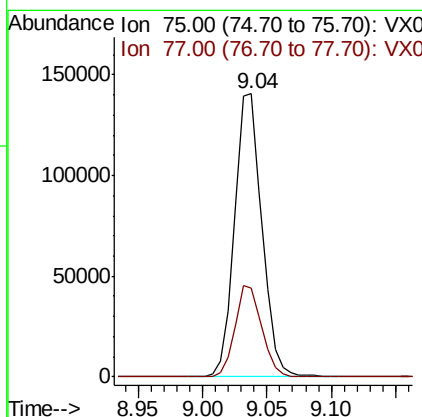
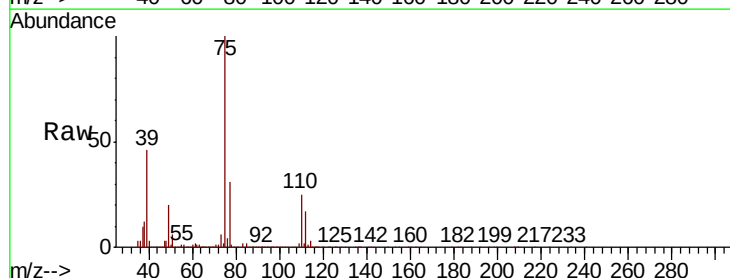
Instrument :
MSVOA_X
ClientSampled :

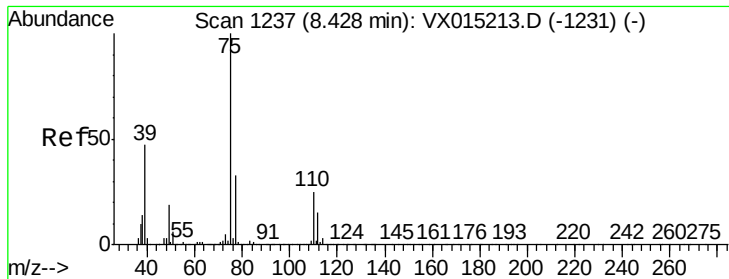
Tot Ion: 43 Resp: 292307
Ion Ratio Lower Upper
43 100
55 24.8 20.2 30.2



#48
t-1,3-Dichloropropene
Concen: 46.824 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 75 Resp: 207797
Ion Ratio Lower Upper
75 100
77 31.2 27.7 41.5



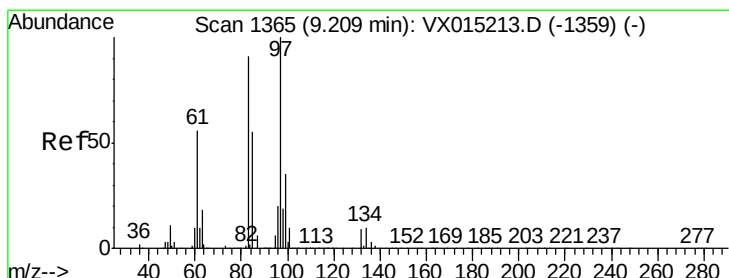
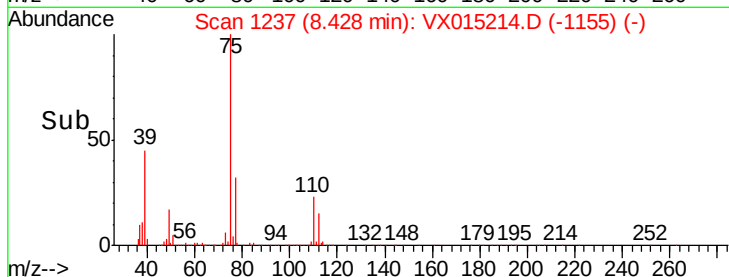
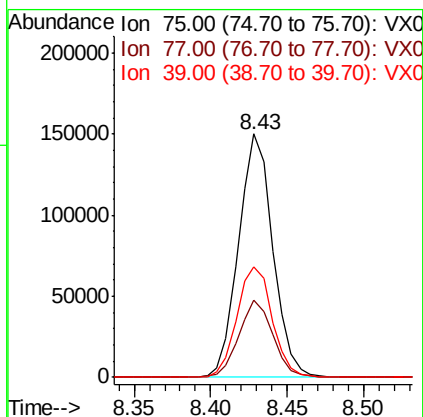
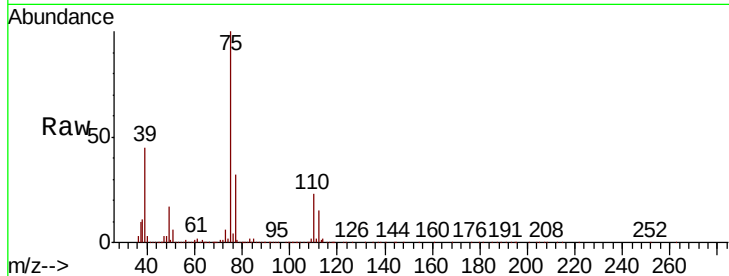


#49

cis-1,3-Dichloropropene
Concen: 47.434 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :

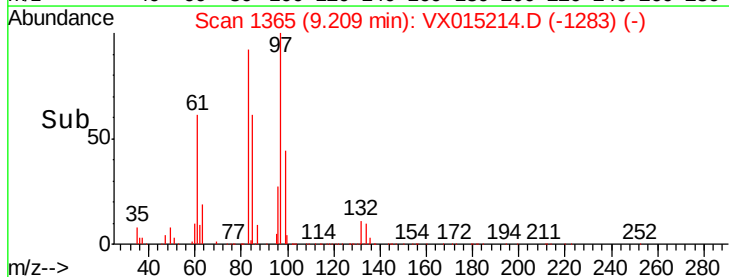
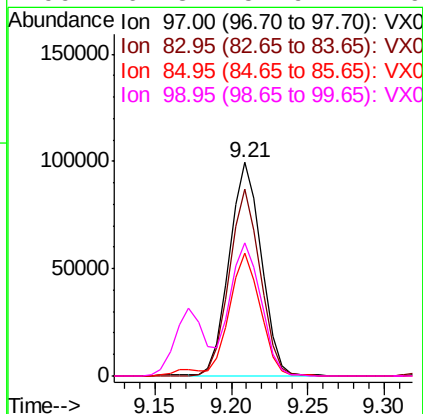
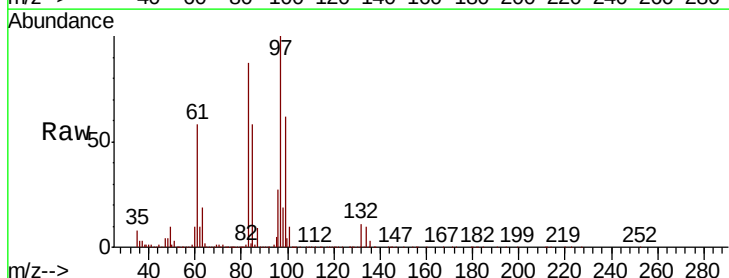
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.5	39.7
39	45.1	37.4	56.2

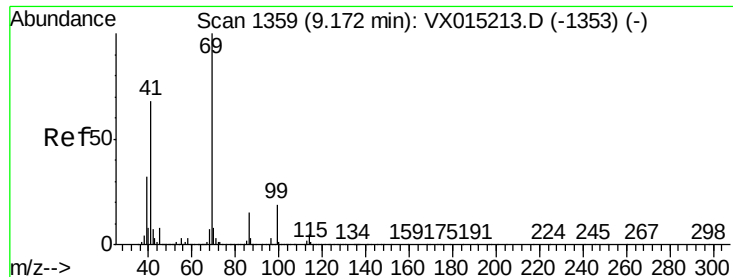


#50

1,1,2-Trichloroethane
Concen: 47.609 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	72.4	108.6
85	57.6	46.6	69.8
99	62.3	51.9	77.9

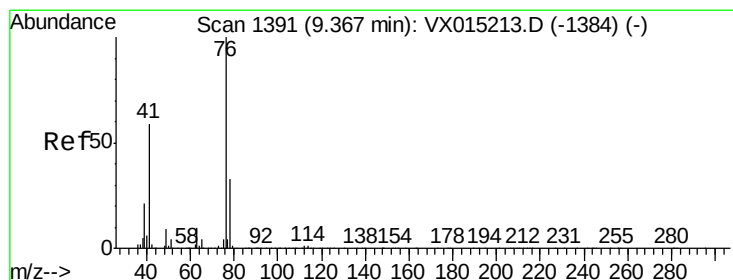
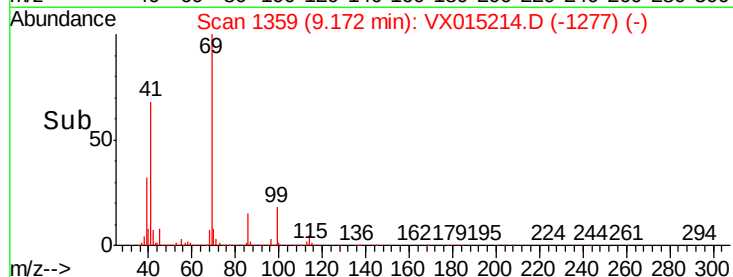
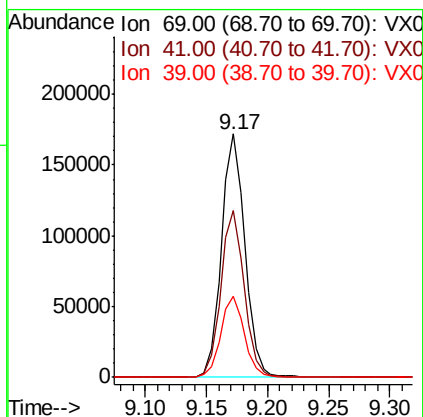
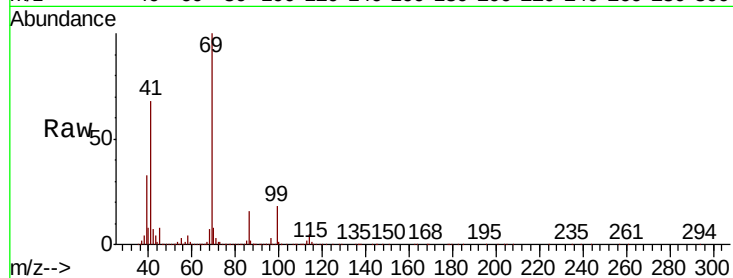




#51
Ethyl methacrylate
Concen: 48.665 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

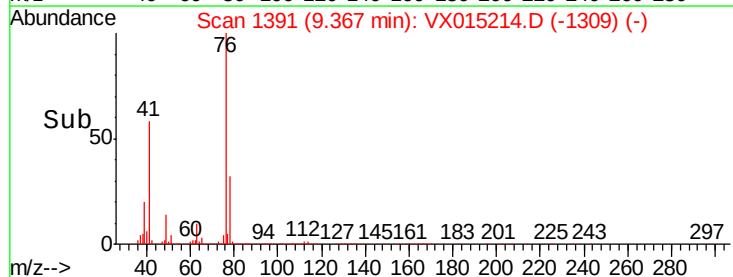
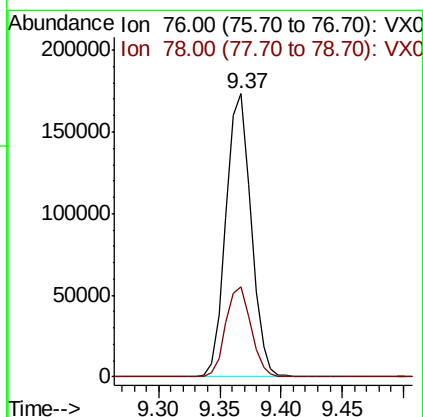
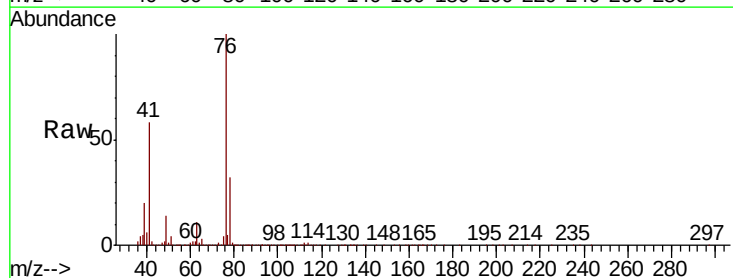
Instrument :
MSVOA_X
ClientSampleId :

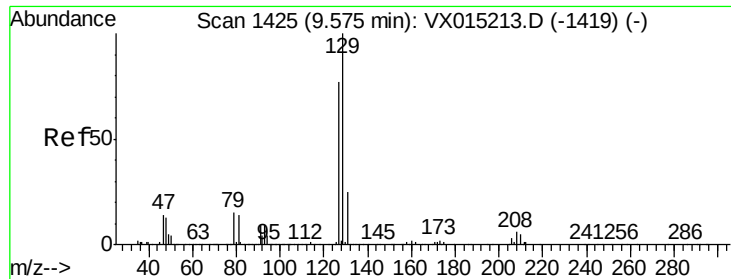
Tot Ion: 69 Resp: 228772
Ion Ratio Lower Upper
69 100
41 68.2 33.8 101.3
39 32.9 16.1 48.2



#52
1,3-Dichloropropane
Concen: 47.911 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 76 Resp: 247195
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.0

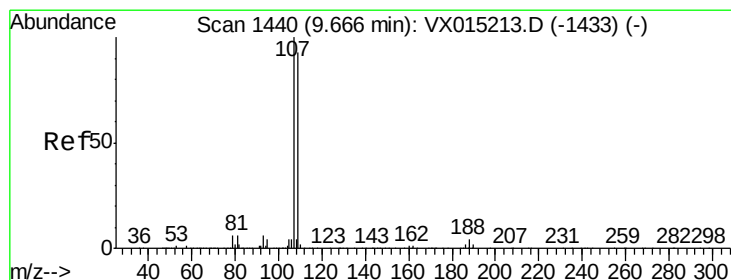
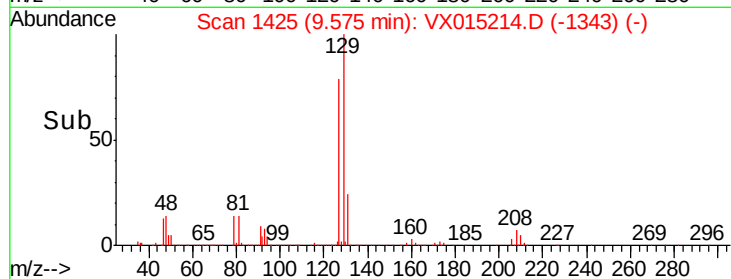
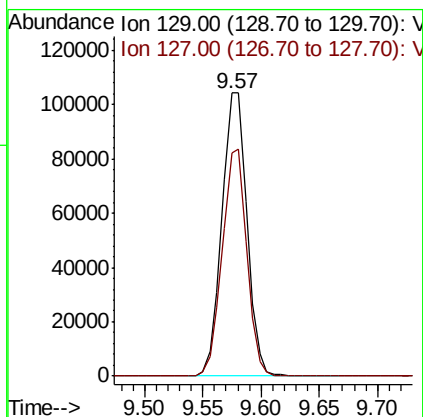
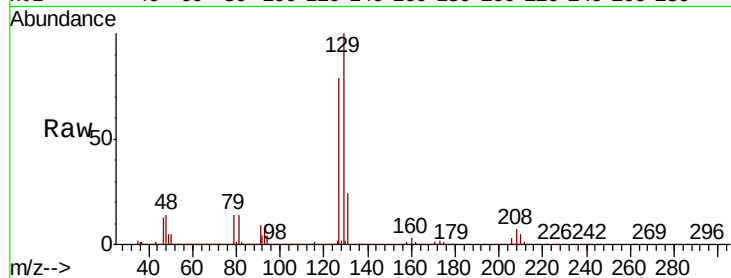




#53
 Dibromochloromethane
 Concen: 47.720 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

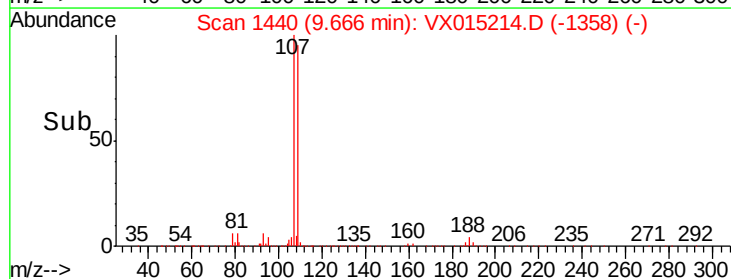
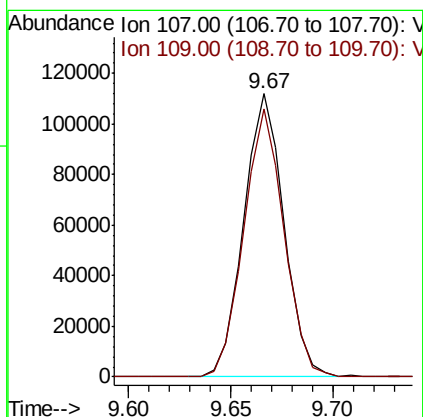
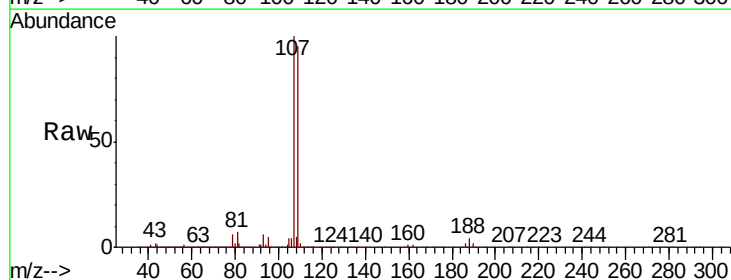
Instrument :
 MSVOA_X
 ClientSampleId :

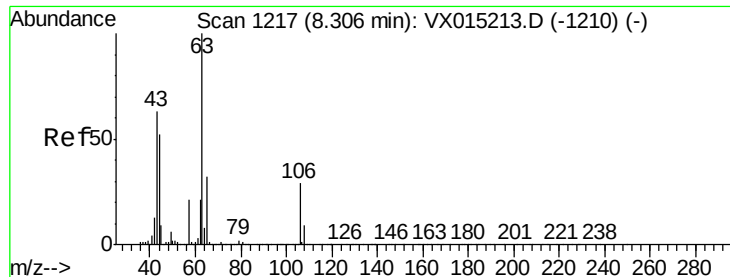
Tot Ion:129 Resp: 155770
 Ion Ratio Lower Upper
 129 100
 127 78.3 38.6 115.8



#54
 1,2-Dibromoethane
 Concen: 47.499 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion:107 Resp: 153392
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 236.911 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampled :

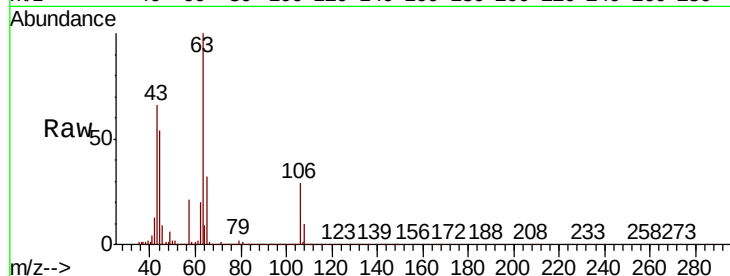
Tot Ion: 63 Resp: 589102

Ion Ratio Lower Upper

63 100

65 32.1 25.9 38.9

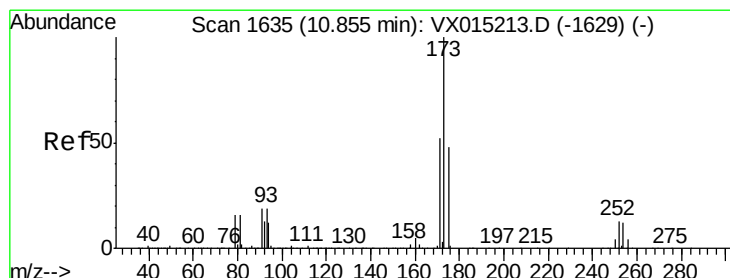
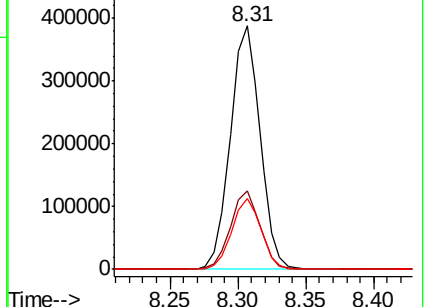
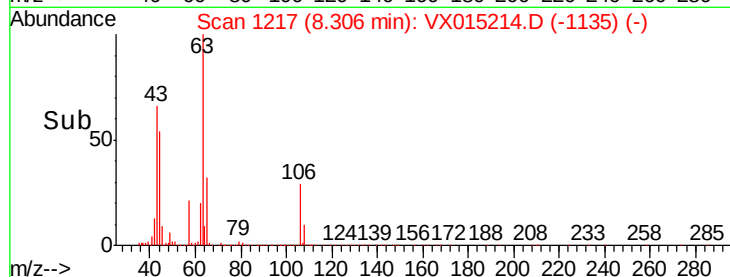
106 28.7 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VX015214.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): VX015214.D (-1135) (-)

Ion 106.00 (105.70 to 106.70): VX015214.D (-1135) (-)



#56

Bromoform

Concen: 47.445 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

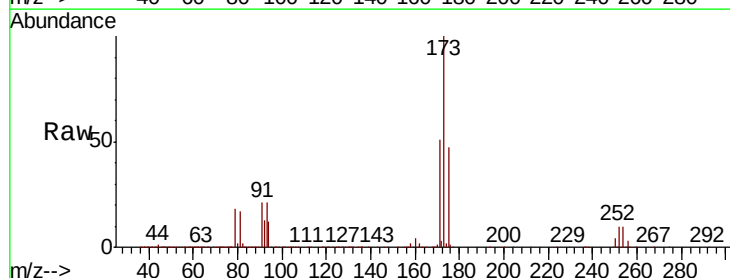
Tgt Ion:173 Resp: 120643

Ion Ratio Lower Upper

173 100

175 47.9 40.0 60.0

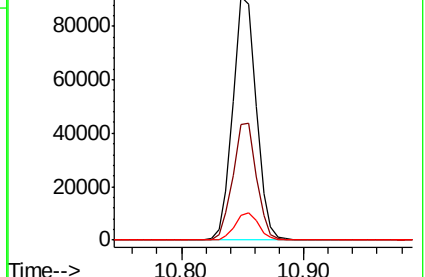
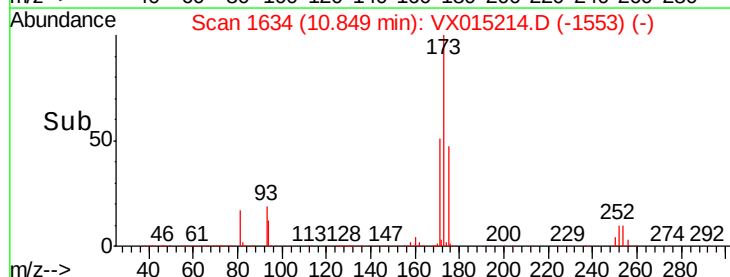
254 11.3 9.1 13.7

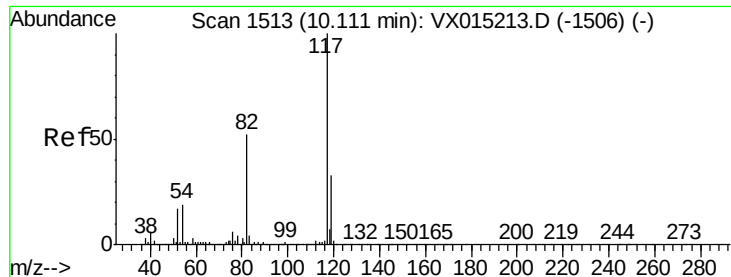


Abundance Ion 173.00 (172.70 to 173.70): VX015214.D (-1553) (-)

Ion 175.00 (174.70 to 175.70): VX015214.D (-1553) (-)

Ion 254.00 (253.70 to 254.70): VX015214.D (-1553) (-)

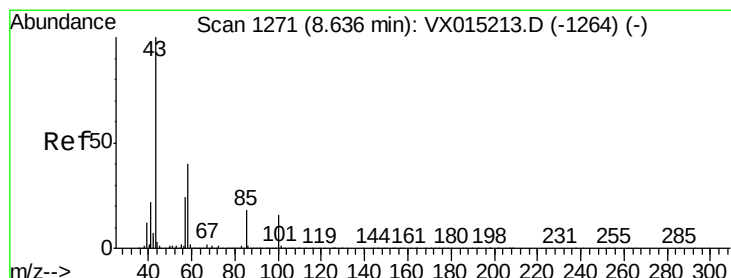
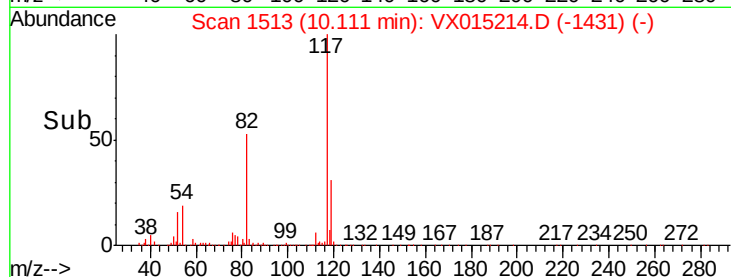
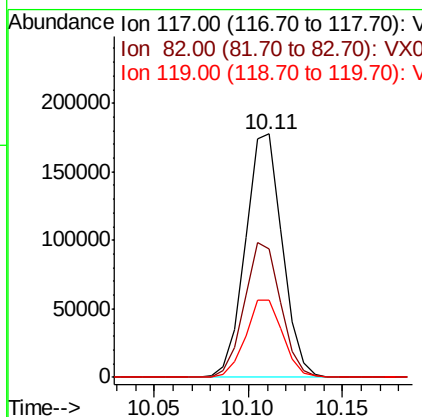
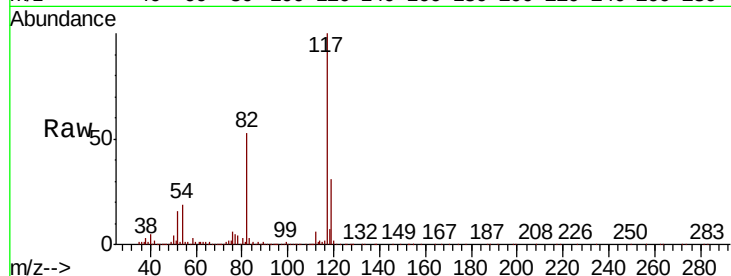




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

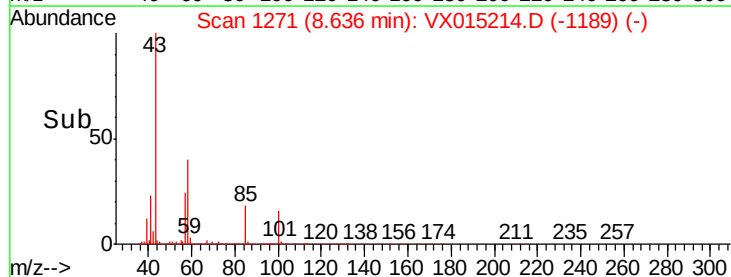
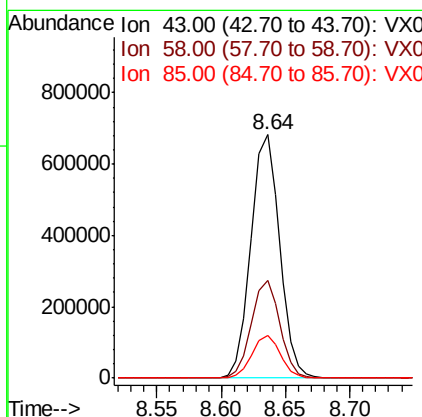
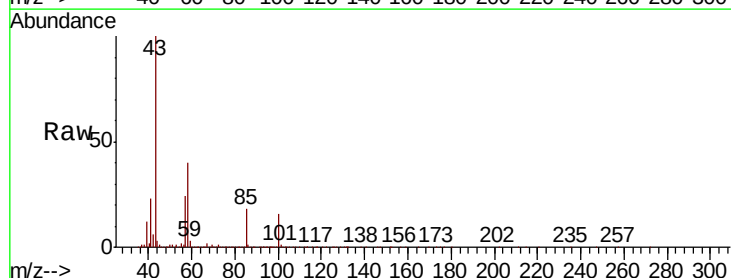
Instrument :
MSVOA_X
ClientSampleId :

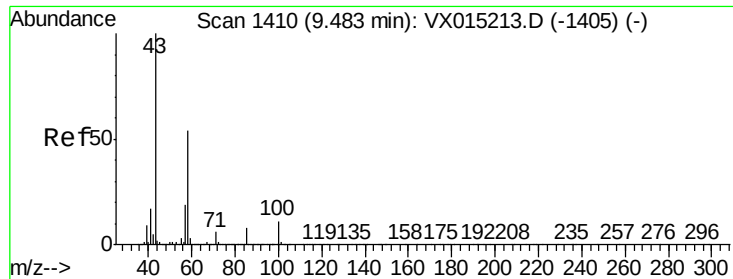
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.6	65.4
119	32.1	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 260.514 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.8	47.8
85	17.4	13.8	20.6

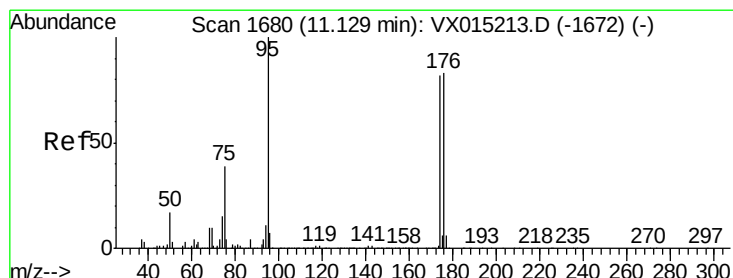
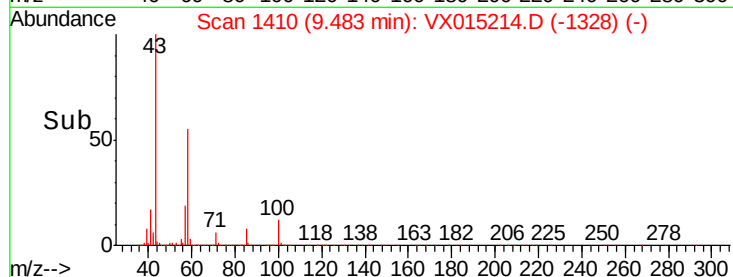
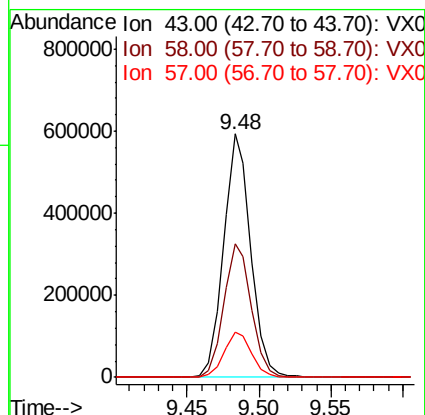




#59
2-Hexanone
Concen: 252.294 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

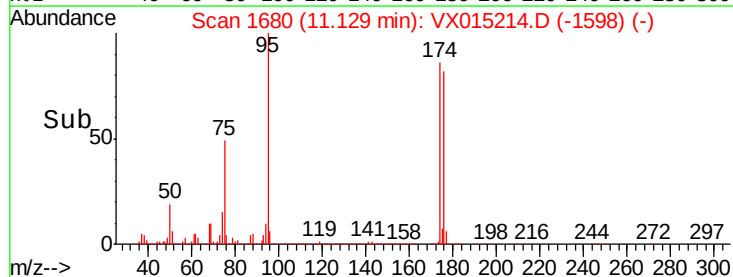
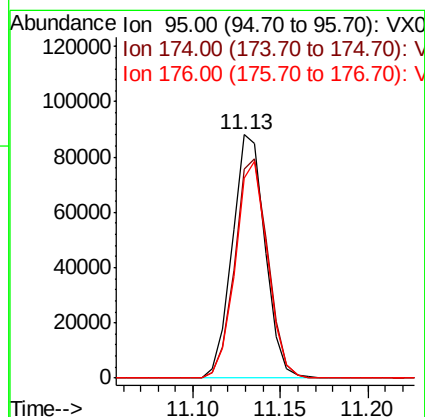
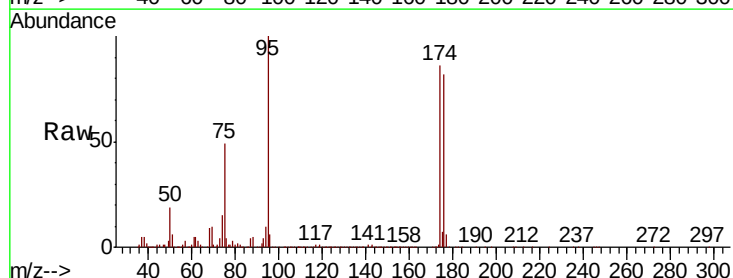
Instrument :
MSVOA_X
ClientSampleId :

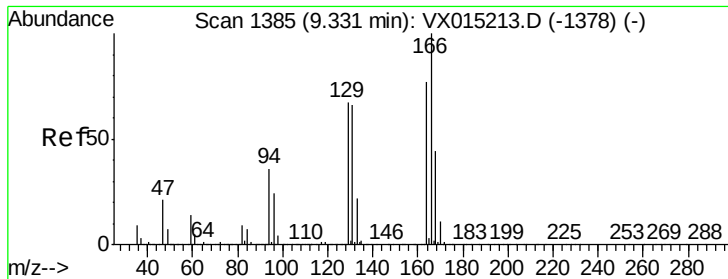
Tot Ion: 43 Resp: 781786
Ion Ratio Lower Upper
43 100
58 55.8 44.2 66.4
57 19.0 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.667 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 95 Resp: 114878
Ion Ratio Lower Upper
95 100
174 91.0 71.9 107.9
176 87.7 71.1 106.7





#61

Tetrachloroethene

Concen: 50.282 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 164633

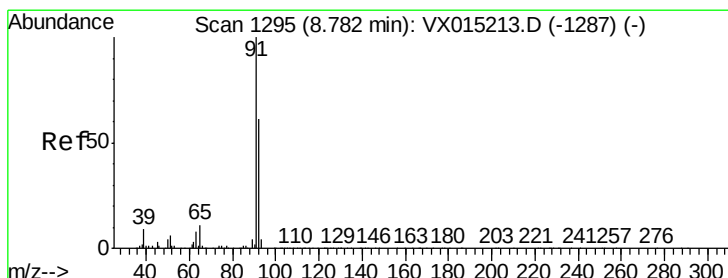
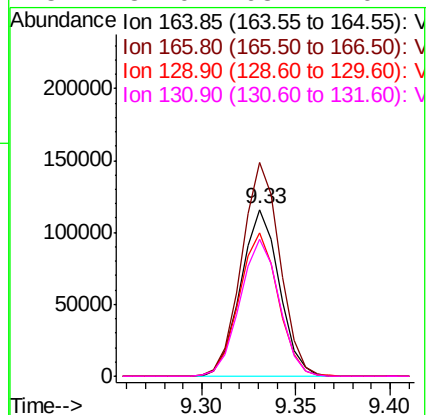
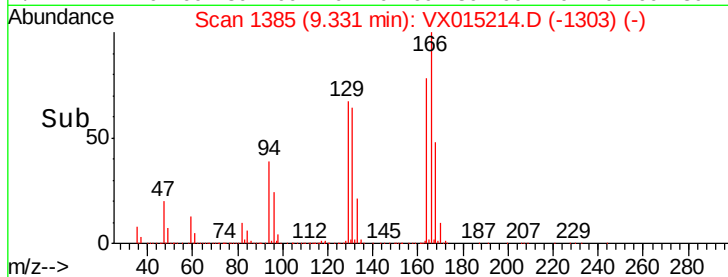
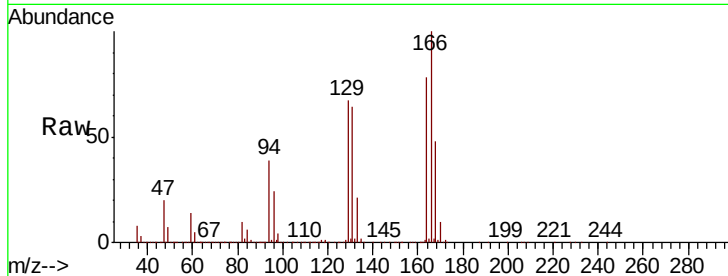
Ion Ratio Lower Upper

164 100

166 128.4 103.4 155.2

129 86.3 69.1 103.7

131 82.0 68.1 102.1



#62

Toluene

Concen: 50.162 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015214.D

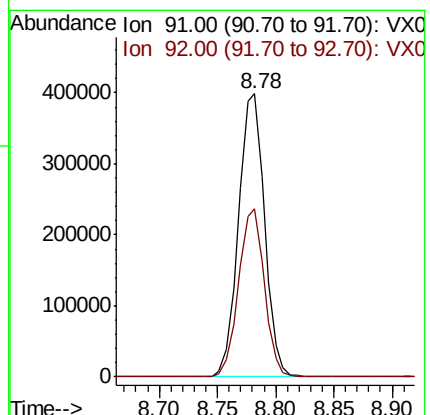
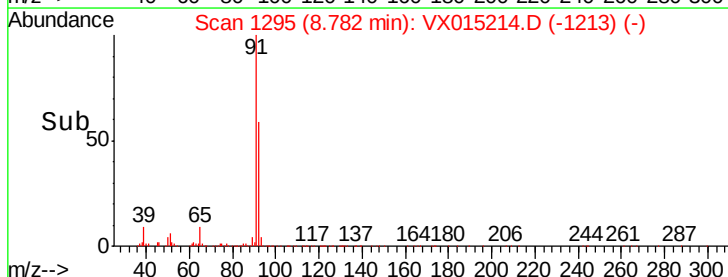
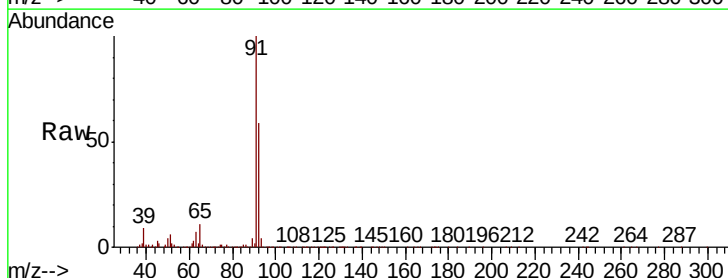
Acq: 11 Mar 2020 21:03

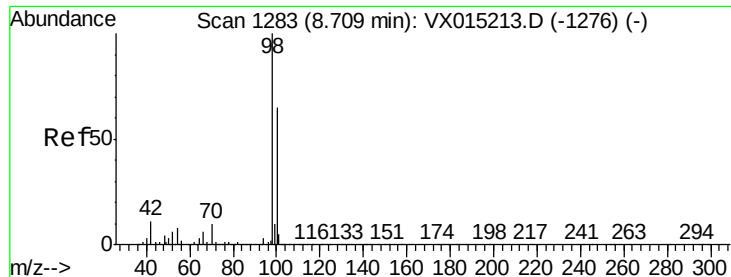
Tgt Ion: 91 Resp: 624363

Ion Ratio Lower Upper

91 100

92 58.7 46.9 70.3





#63

Toluene-d8

Concen: 29.991 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

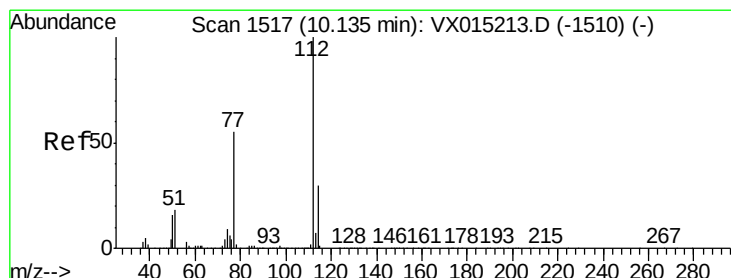
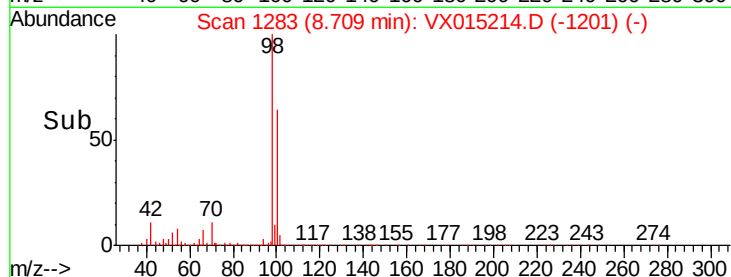
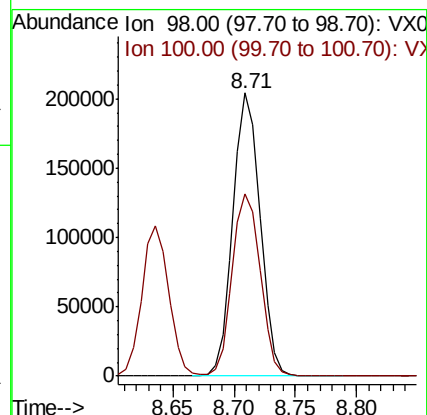
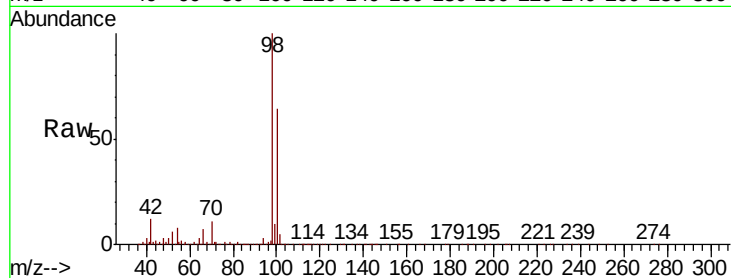
ClientSampleId :

Tot Ion: 98 Resp: 313928

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9



#64

Chlorobenzene

Concen: 48.681 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015214.D

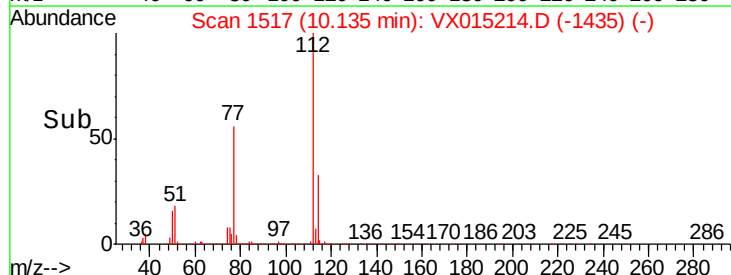
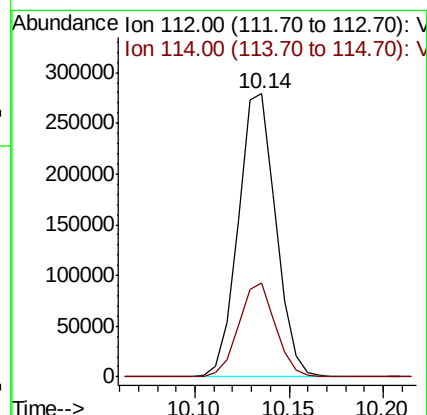
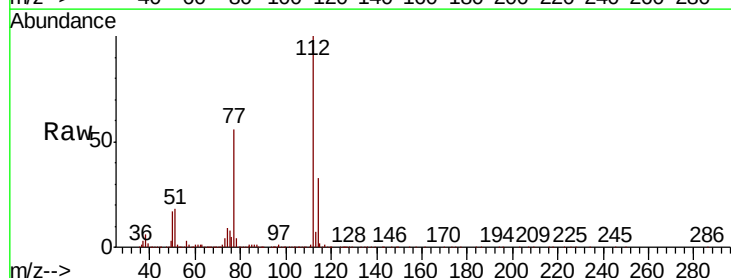
Acq: 11 Mar 2020 21:03

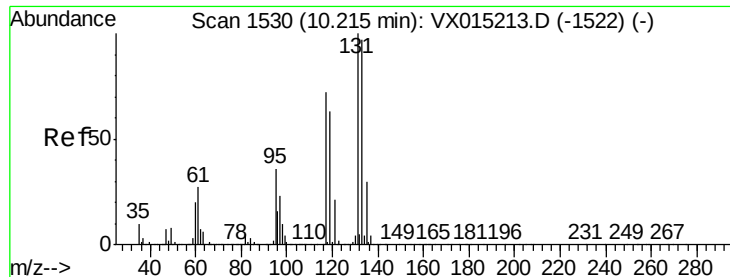
Tgt Ion: 112 Resp: 386443

Ion Ratio Lower Upper

112 100

114 33.1 24.3 36.5





#65

1,1,1,2-Tetrachloroethane

Concen: 49.616 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

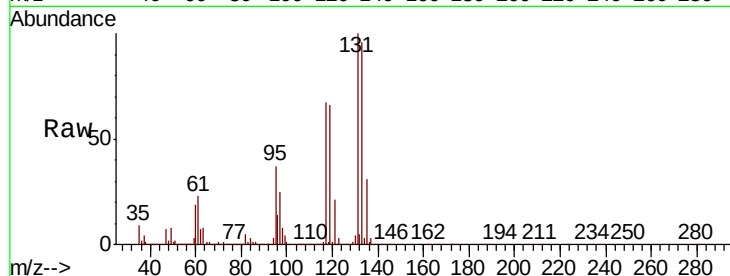
Tot Ion:131 Resp: 145671

Ion Ratio Lower Upper

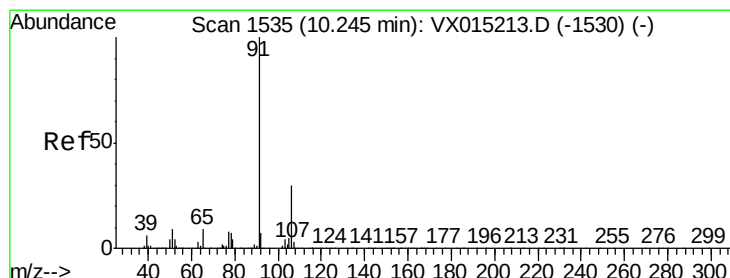
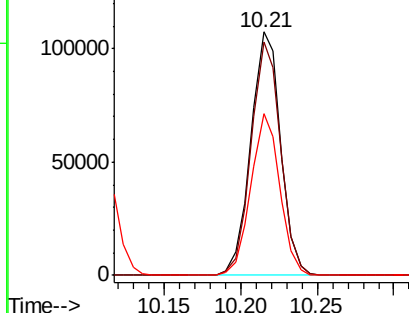
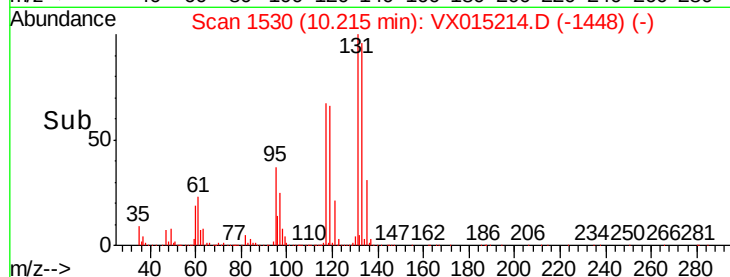
131 100

133 94.5 0.0 190.6

119 64.3 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: 50.120 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015214.D

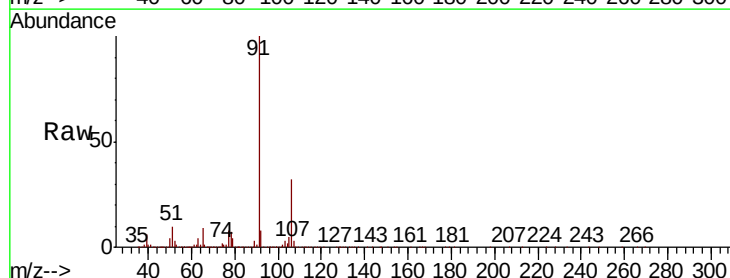
Acq: 11 Mar 2020 21:03

Tgt Ion: 91 Resp: 685332

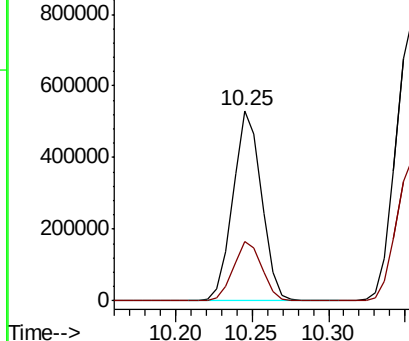
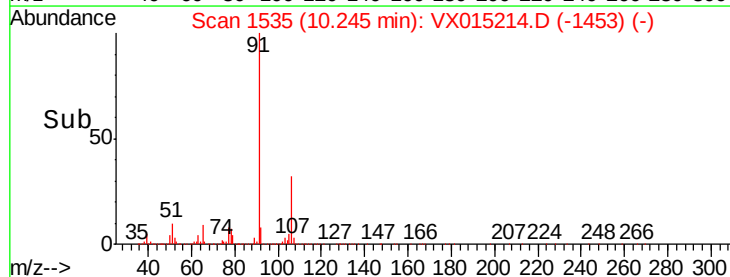
Ion Ratio Lower Upper

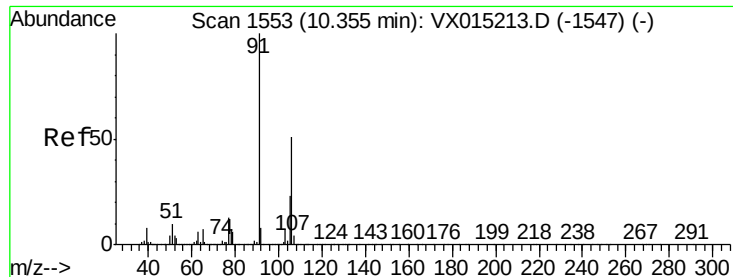
91 100

106 31.5 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

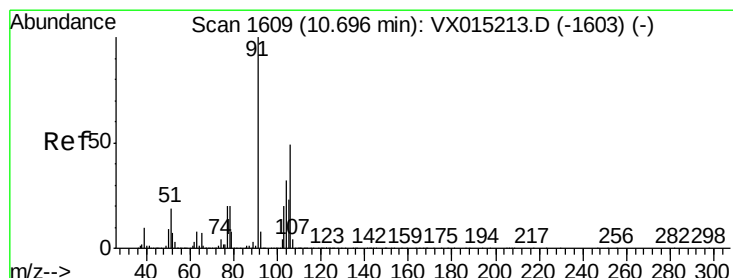
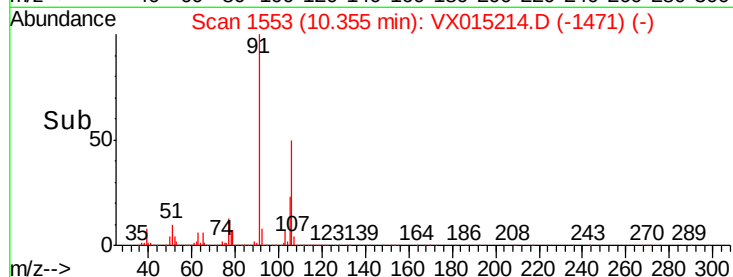
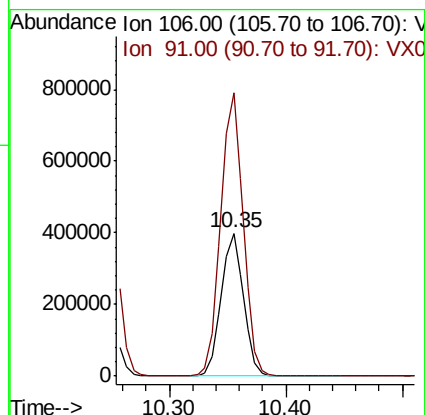
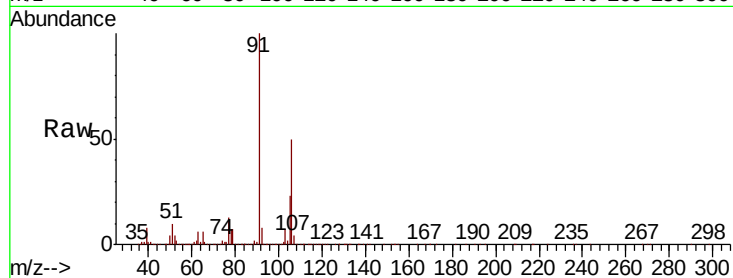




#67
m/p-Xylenes
Concen: 99.858 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

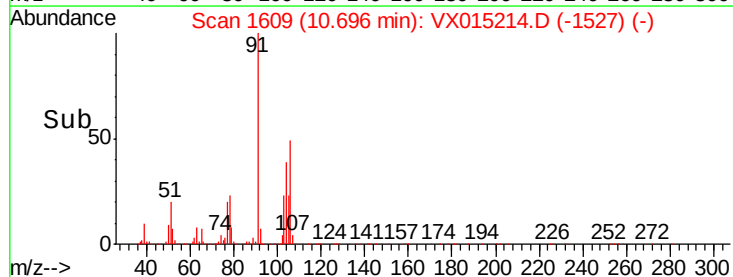
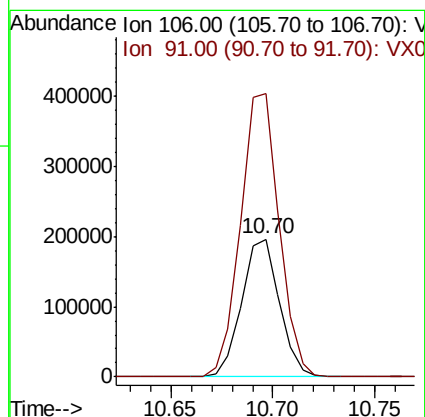
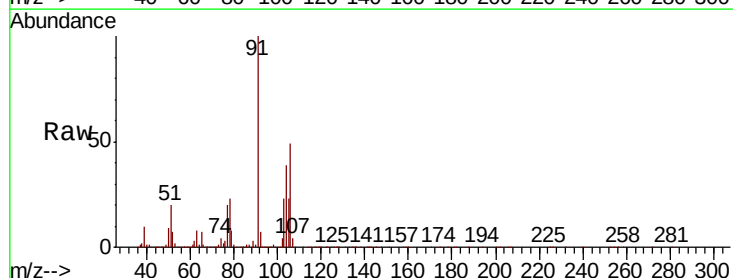
Instrument :
MSVOA_X
ClientSampled :

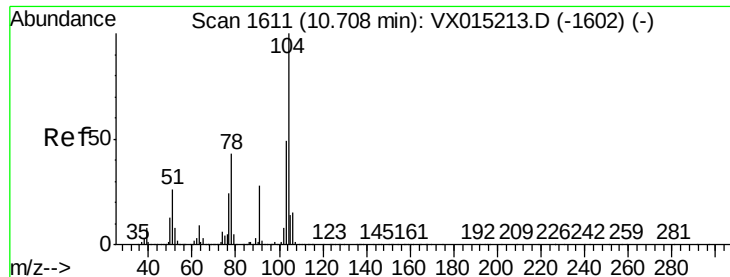
Tot Ion:106 Resp: 526631
Ion Ratio Lower Upper
106 100
91 199.3 158.2 237.2



#68
o-Xylene
Concen: 49.278 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion:106 Resp: 251183
Ion Ratio Lower Upper
106 100
91 211.0 103.6 310.8

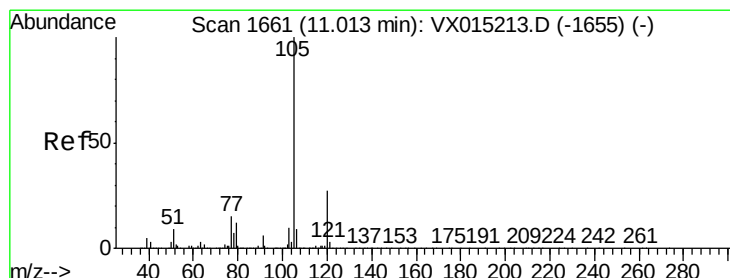
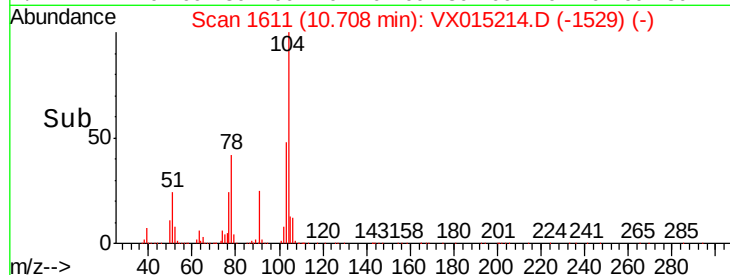
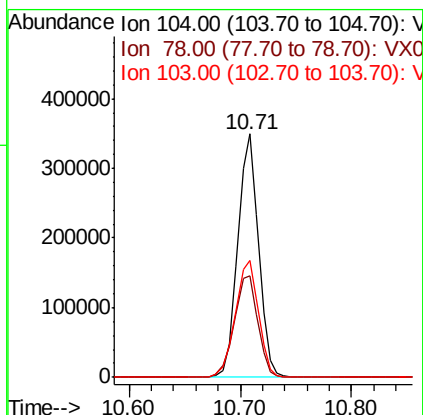
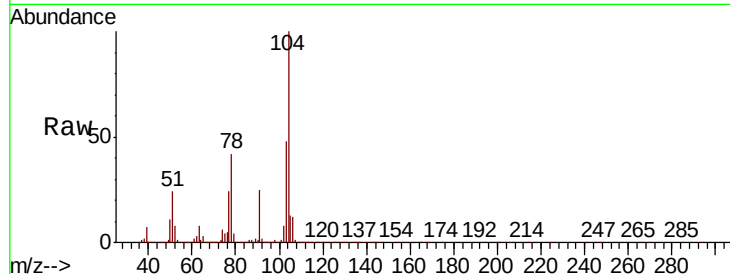




#69
Stvrene
Concen: 51.407 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

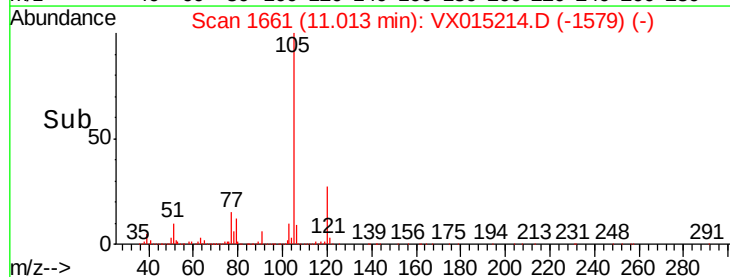
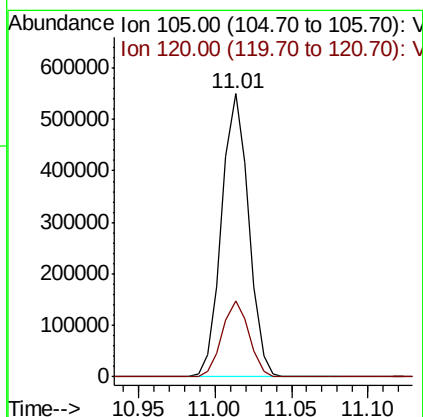
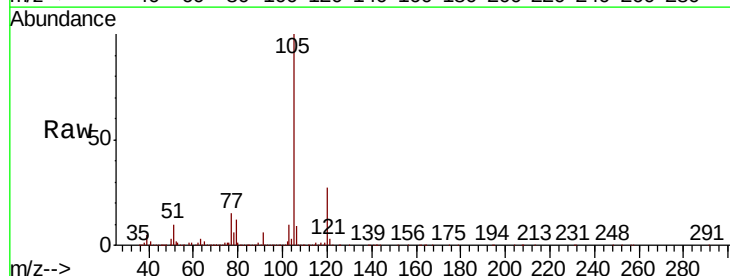
Instrument :
MSVOA_X
ClientSampleId :

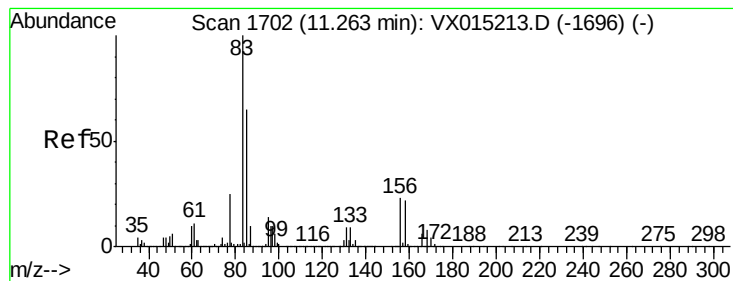
Tot Ion:104 Resp: 450554
Ion Ratio Lower Upper
104 100
78 47.6 38.3 57.5
103 53.6 42.6 64.0



#70
Isopropylbenzene
Concen: 49.802 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion:105 Resp: 672966
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

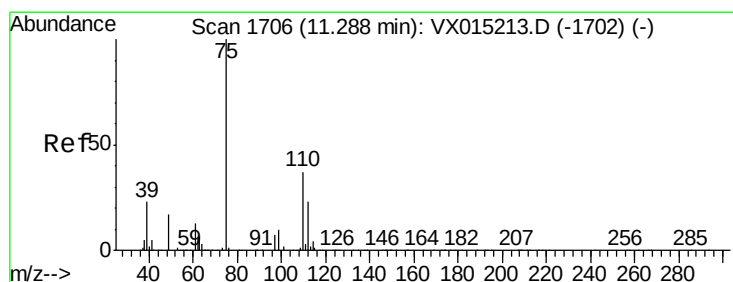
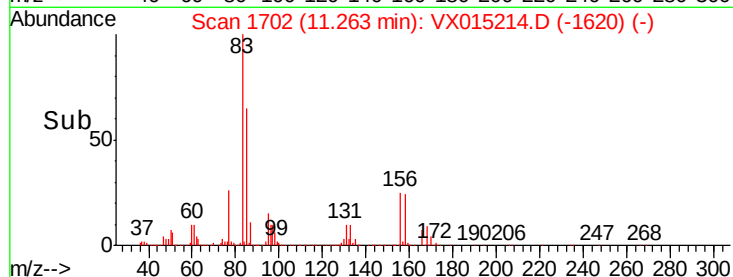
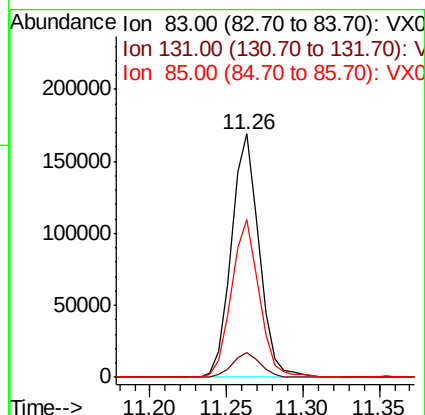
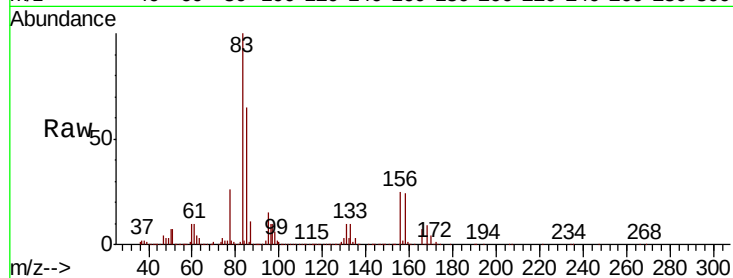
Tot Ion: 83 Resp: 212531

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 65.2 32.1 96.3



#72

1,2,3-Trichloropropane

Concen: 67.176 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015214.D

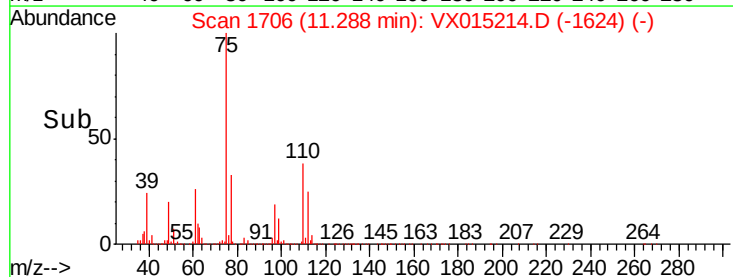
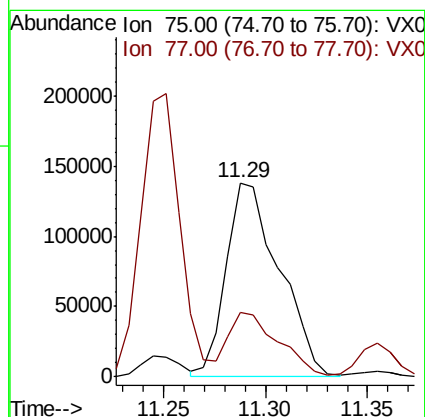
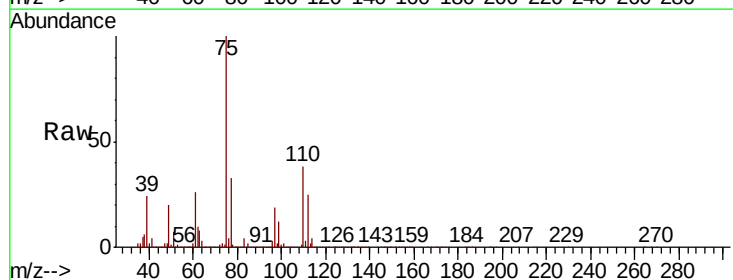
Acq: 11 Mar 2020 21:03

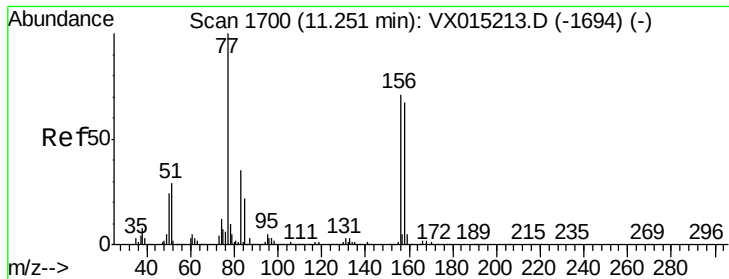
Tgt Ion: 75 Resp: 250089

Ion Ratio Lower Upper

75 100

77 30.5 0.0 69.4





#73

Bromobenzene

Concen: 49.884 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampled :

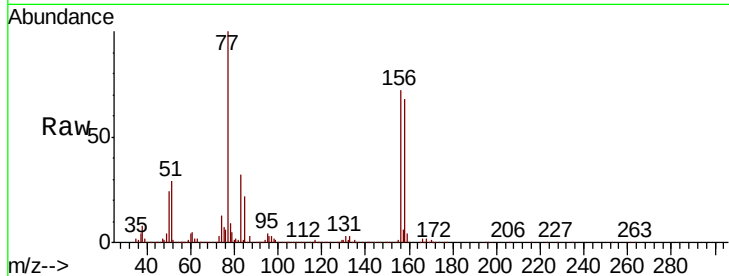
Tot Ion:156 Resp: 182100

Ion Ratio Lower Upper

156 100

77 148.3 0.0 300.2

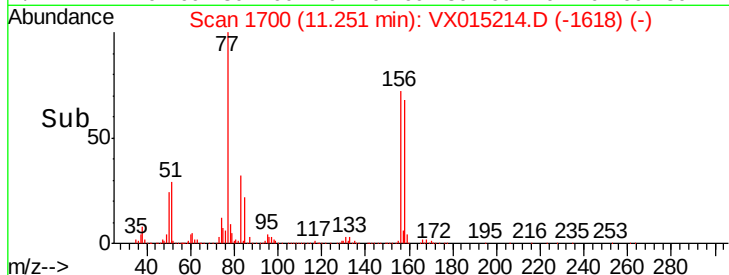
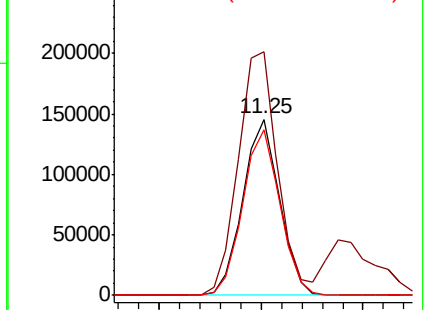
158 95.3 0.0 195.2



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: 51.182 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015214.D

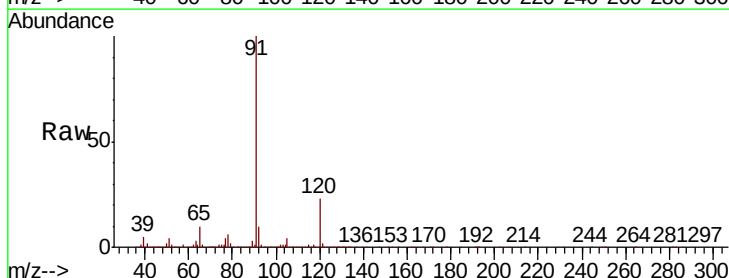
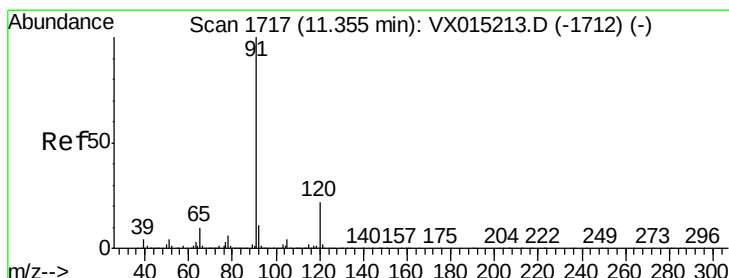
Acq: 11 Mar 2020 21:03

Tgt Ion: 91 Resp: 789373

Ion Ratio Lower Upper

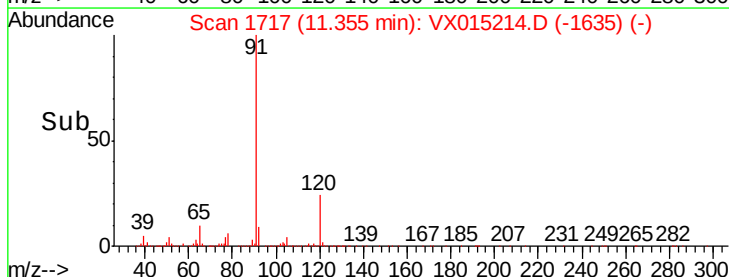
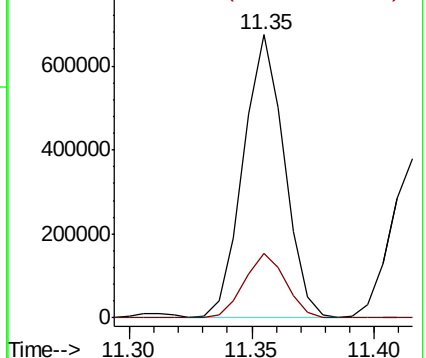
91 100

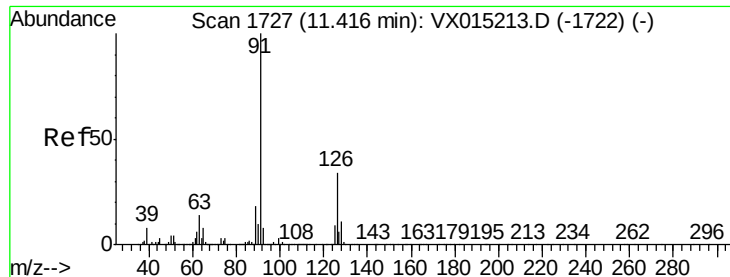
120 23.0 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 50.690 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

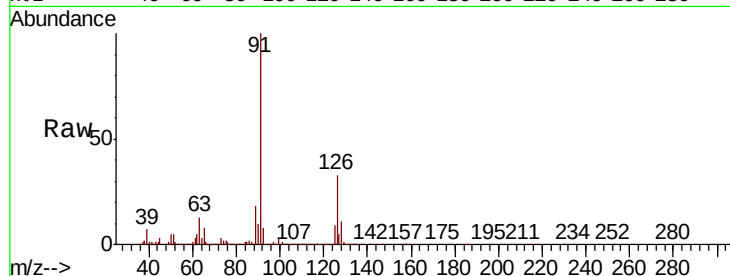
ClientSampleId :

Tot Ion: 91 Resp: 460231

Ion Ratio Lower Upper

91 100

126 34.2 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

800000

600000

400000

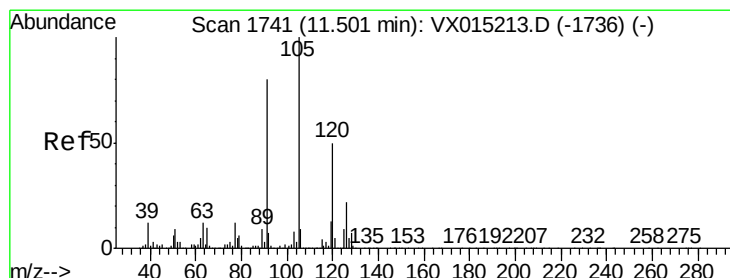
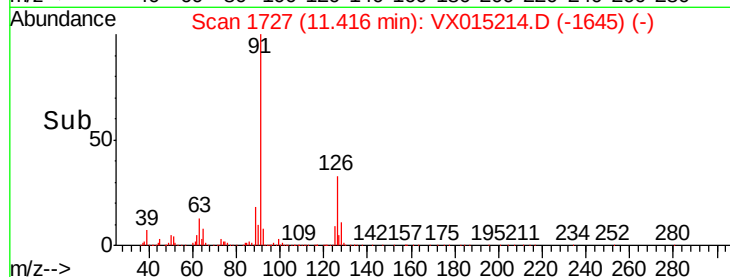
200000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 49.691 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015214.D

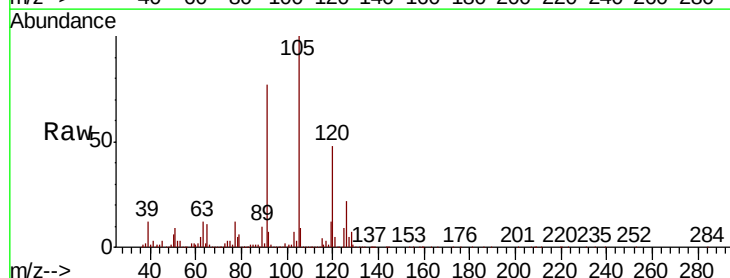
Acq: 11 Mar 2020 21:03

Tgt Ion:105 Resp: 561543

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

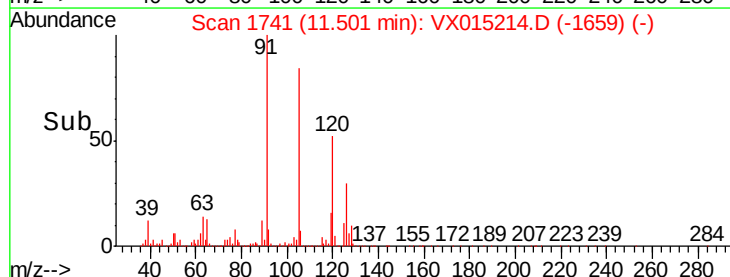
100000

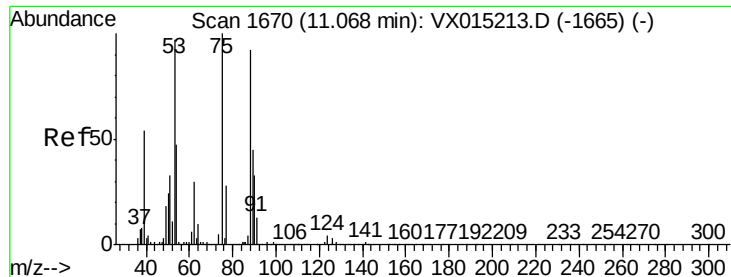
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 47.966 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

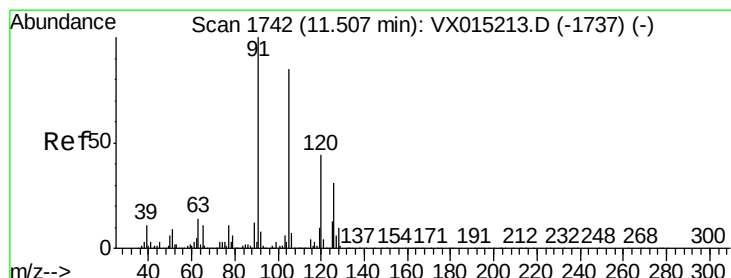
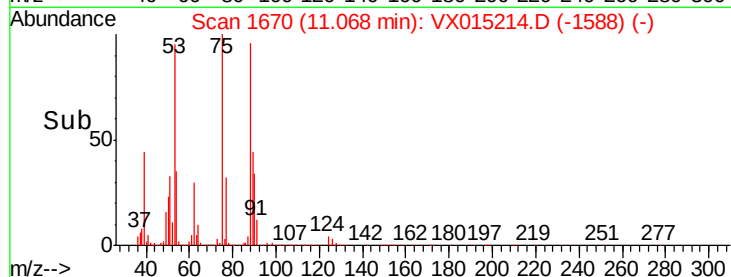
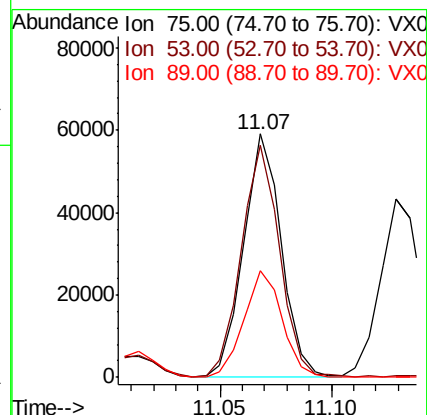
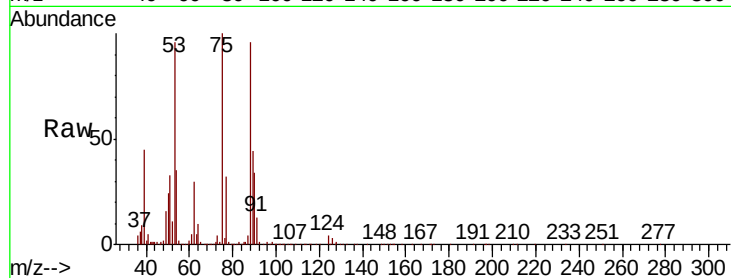
Tot Ion: 75 Resp: 69688

Ion Ratio Lower Upper

75 100

53 95.8 48.7 146.1

89 43.6 22.4 67.3



#78

4-Chlorotoluene

Concen: 49.335 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015214.D

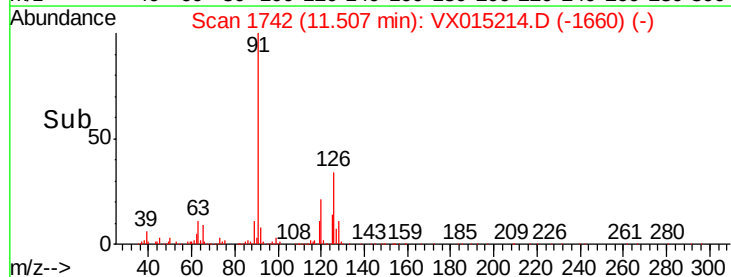
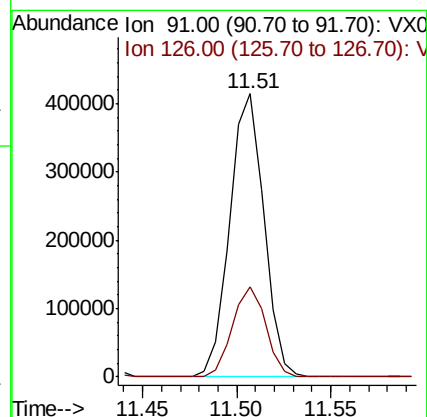
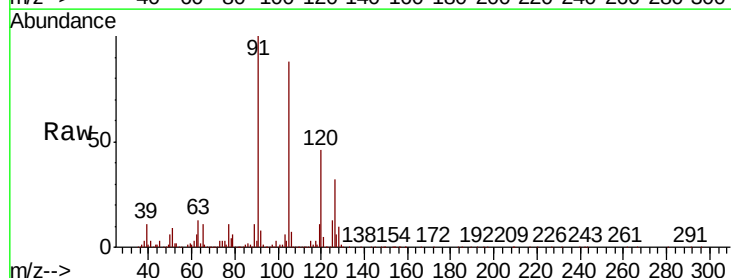
Acq: 11 Mar 2020 21:03

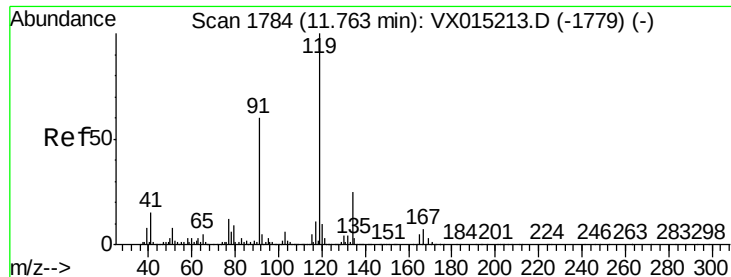
Tgt Ion: 91 Resp: 521255

Ion Ratio Lower Upper

91 100

126 31.3 0.0 60.0





#79

tert-butylbenzene

Concen: 48.587 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

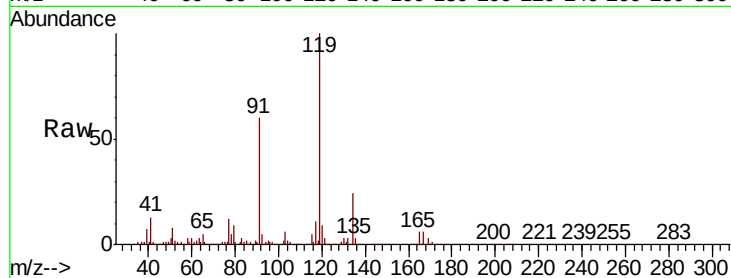
Tot Ion:119 Resp: 529137

Ion Ratio Lower Upper

119 100

91 56.2 0.0 113.8

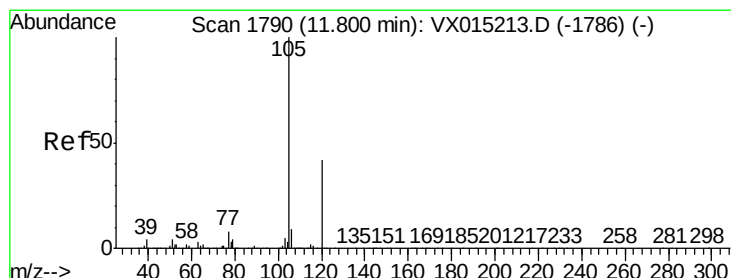
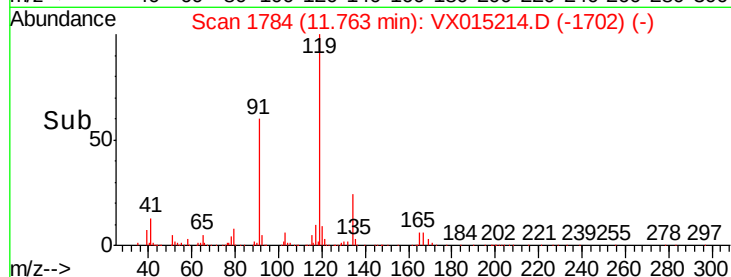
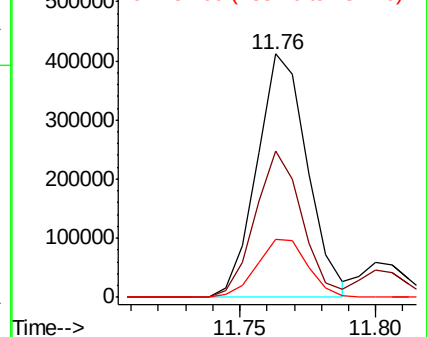
134 24.3 0.0 50.6



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: 50.634 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015214.D

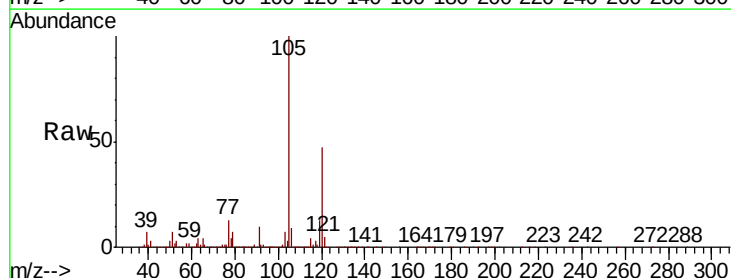
Acq: 11 Mar 2020 21:03

Tgt Ion:105 Resp: 570983

Ion Ratio Lower Upper

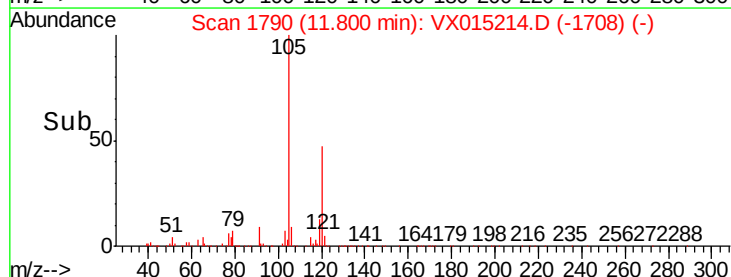
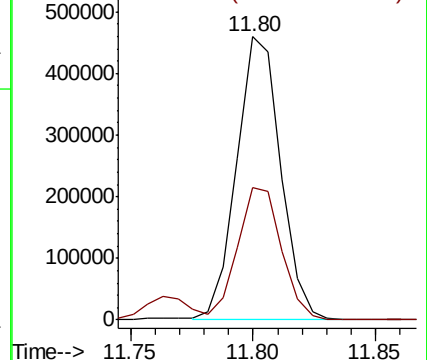
105 100

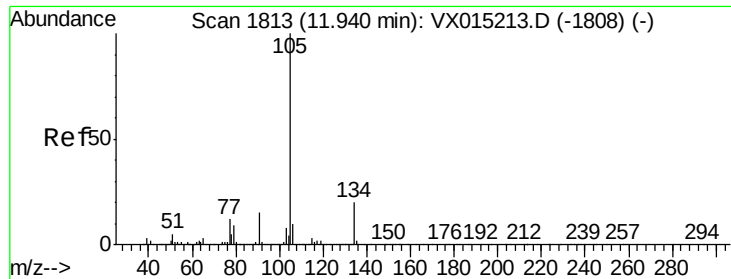
120 46.7 0.0 92.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 50.096 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

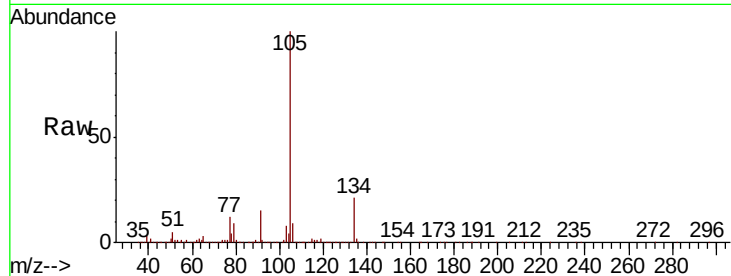
ClientSampleId :

Tot Ion:105 Resp: 657456

Ion Ratio Lower Upper

105 100

134 21.0 0.0 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

300000

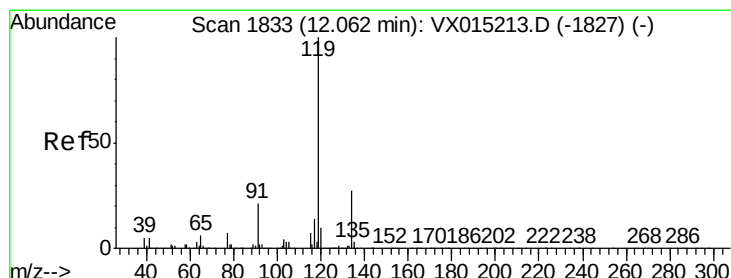
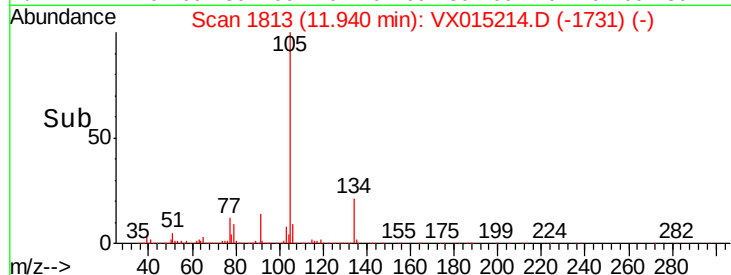
200000

100000

0

Time-->

11.90 11.95



#82

p-Isopropyltoluene

Concen: 50.710 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

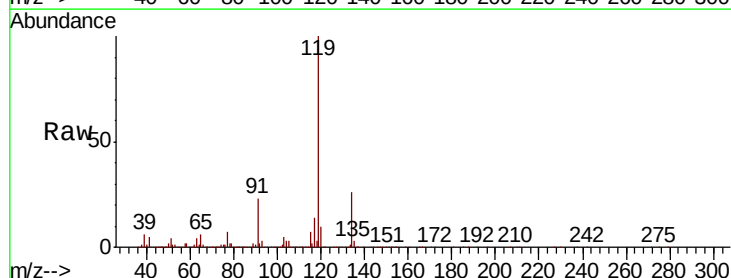
Tgt Ion:119 Resp: 614390

Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.2

91 22.2 0.0 43.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

600000

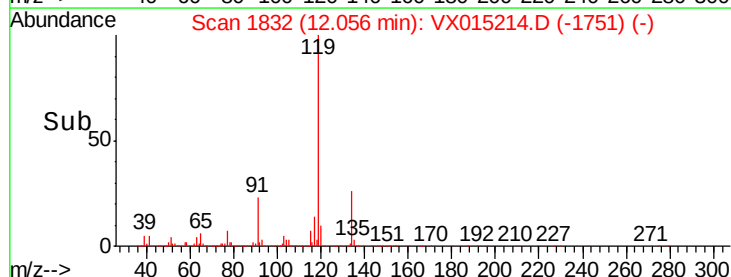
400000

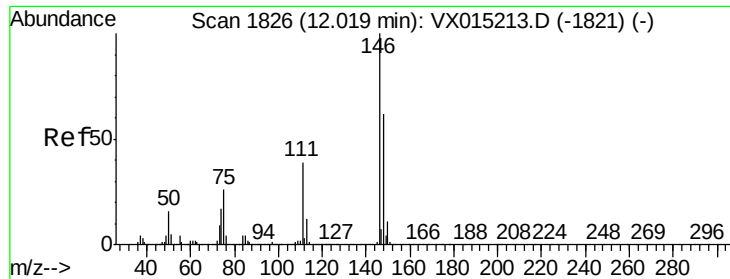
200000

0

Time-->

12.00 12.05 12.10

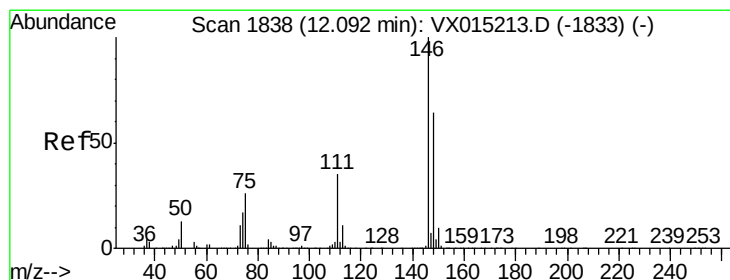
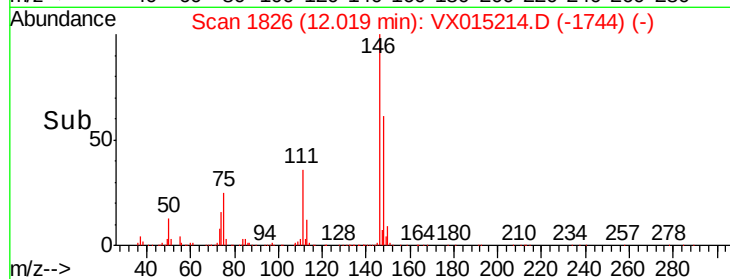
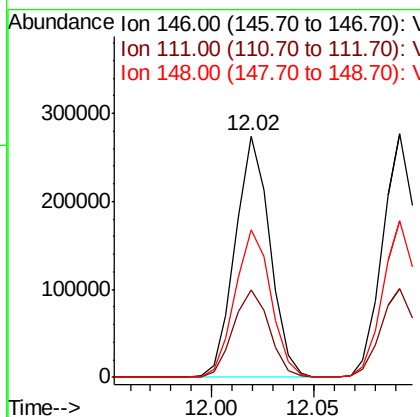
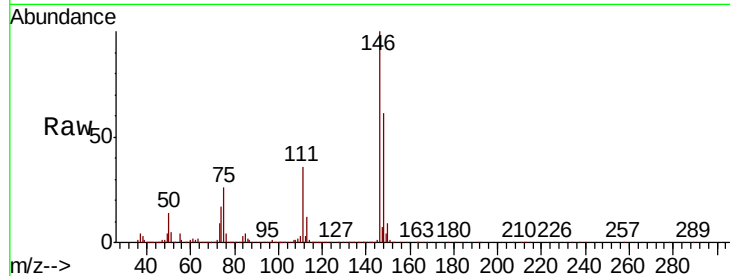




#83
 1,3-Dichlorobenzene
 Concen: 50.213 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

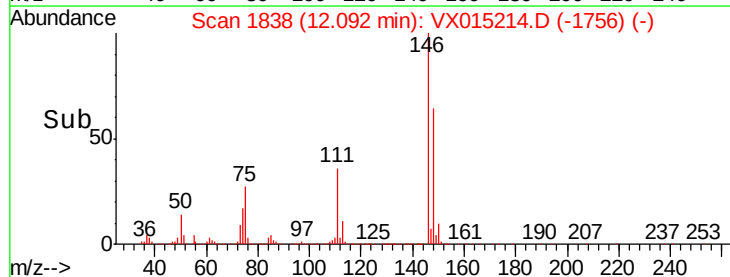
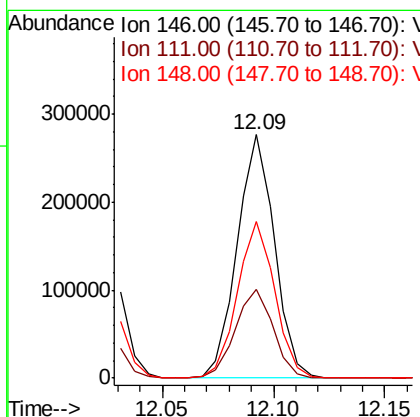
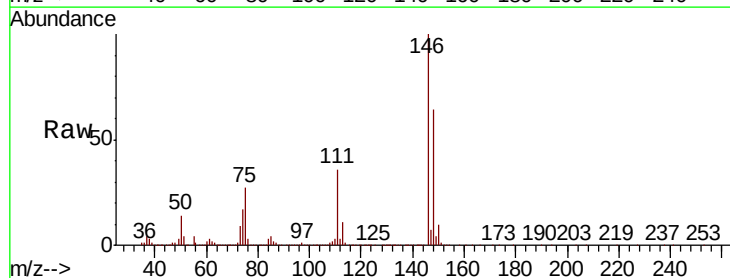
Instrument :
 MSVOA_X
 ClientSampleId :

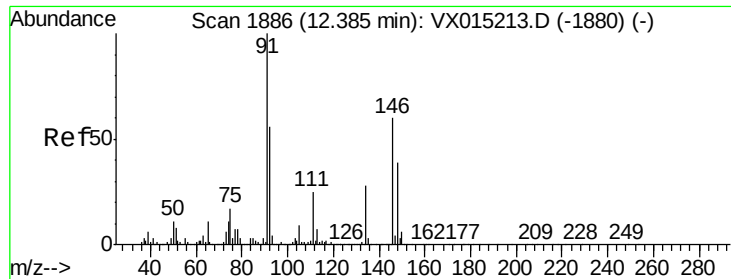
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	63.3	31.3	93.9



#84
 1,4-Dichlorobenzene
 Concen: 49.769 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	65.0	31.7	95.1

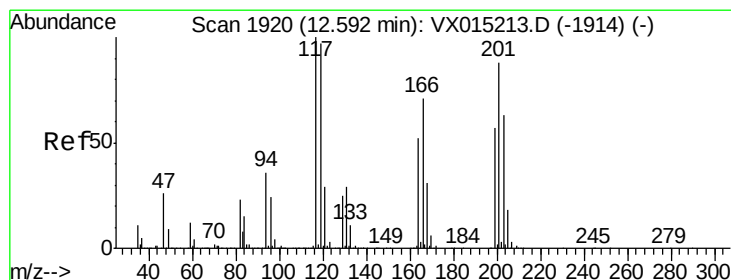
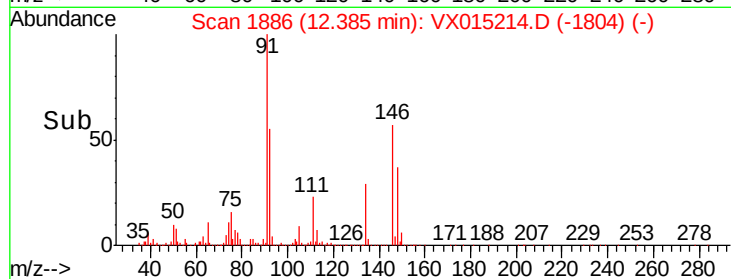
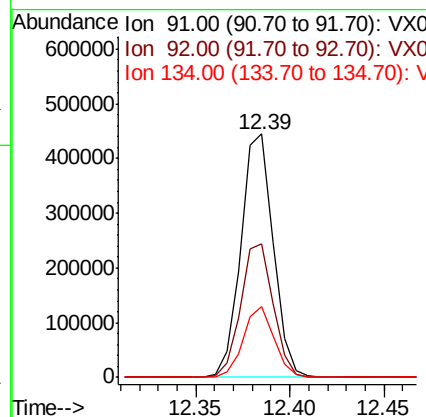
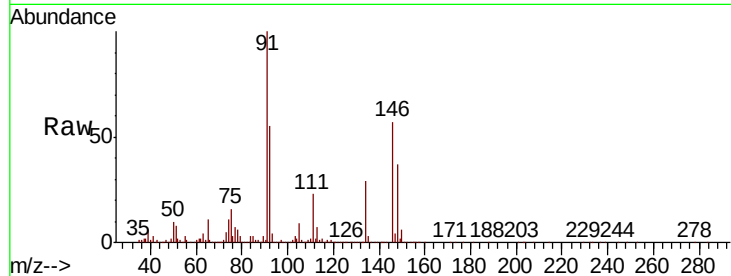




#85
n-Butylbenzene
Concen: 49.918 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

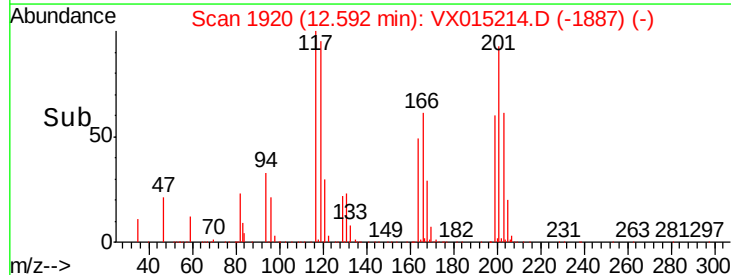
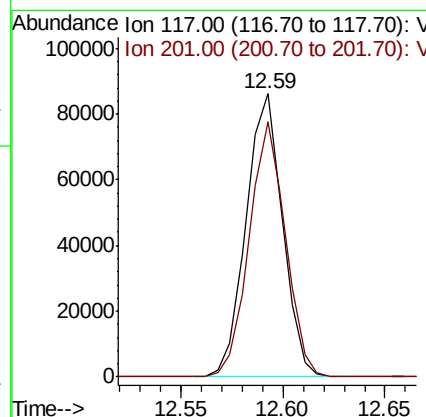
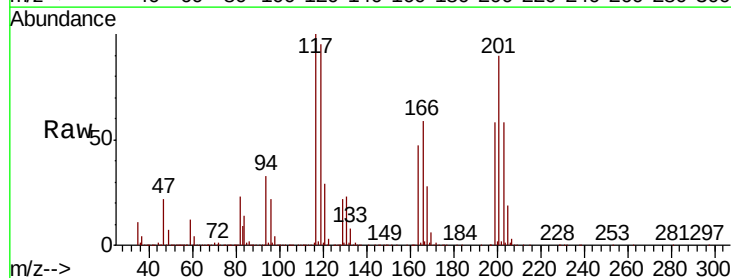
Instrument :
MSVOA_X
ClientSampled :

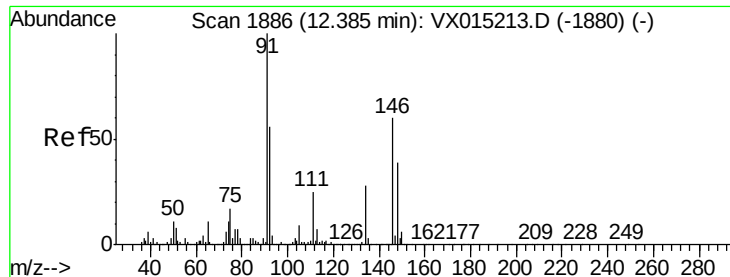
Tot Ion: 91 Resp: 529457
Ion Ratio Lower Upper
91 100
92 55.3 0.0 109.6
134 27.7 0.0 54.6



#86
Hexachloroethane
Concen: 48.565 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015214.D
Acq: 11 Mar 2020 21:03

Tgt Ion: 117 Resp: 106978
Ion Ratio Lower Upper
117 100
201 89.7 43.8 131.4

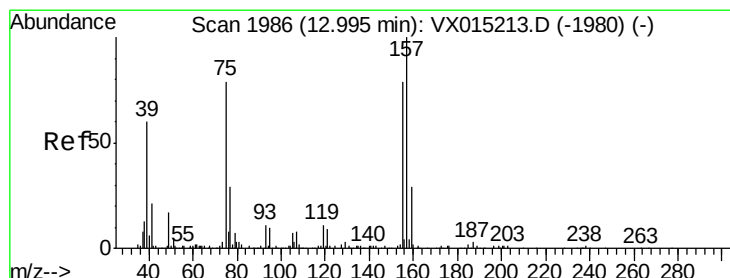
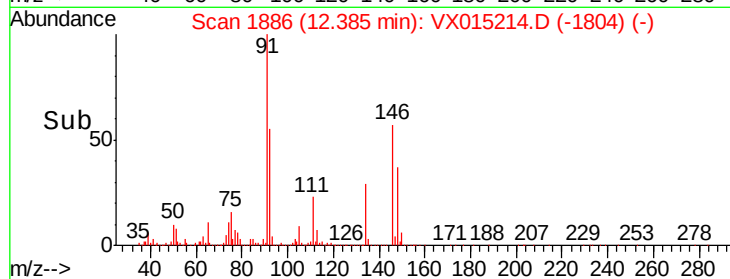
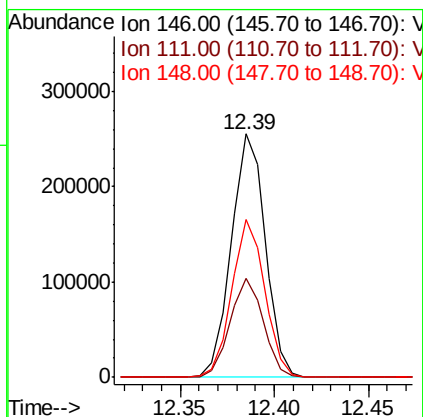
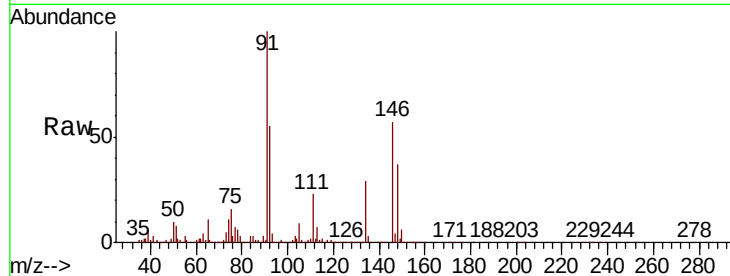




#87
 1,2-Dichlorobenzene
 Concen: 50.093 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

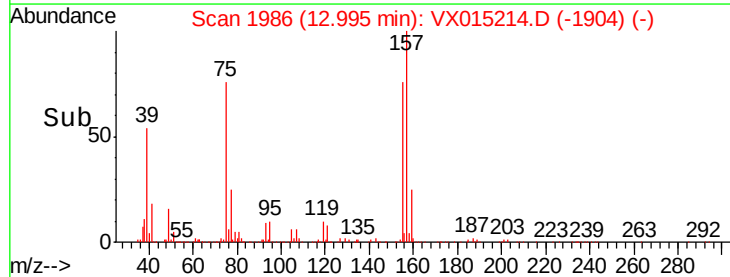
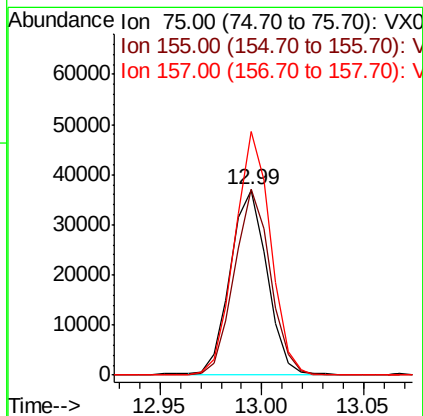
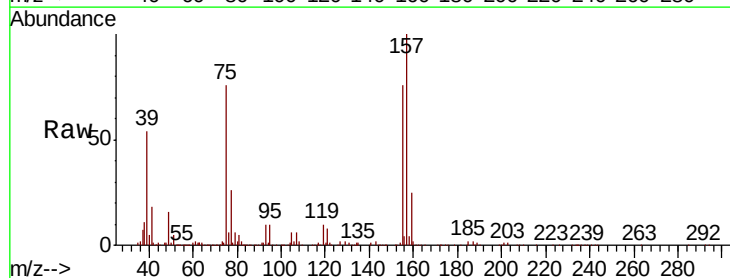
Instrument :
 MSVOA_X
 ClientSampleId :

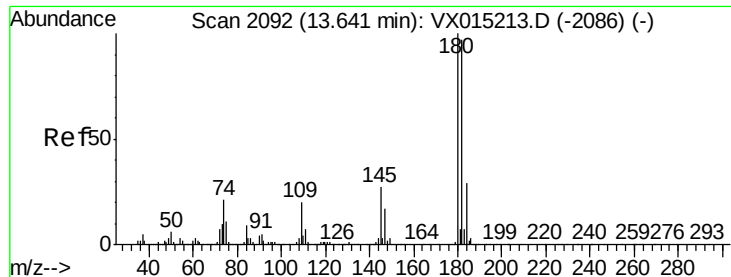
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	63.2	32.5	97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 48.927 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	79.4	119.2
157	128.1	99.1	148.7

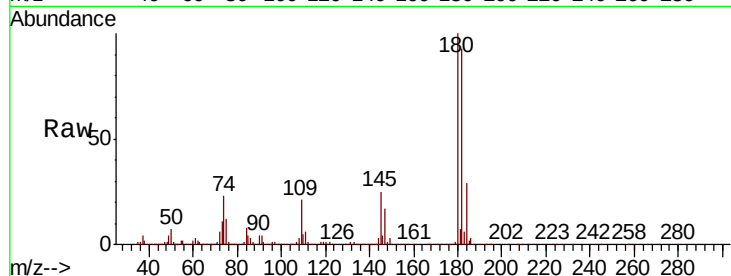




#89
 1,2,4-Trichlorobenzene
 Concen: 51.652 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.6	113.4
145	26.3	22.7	34.1

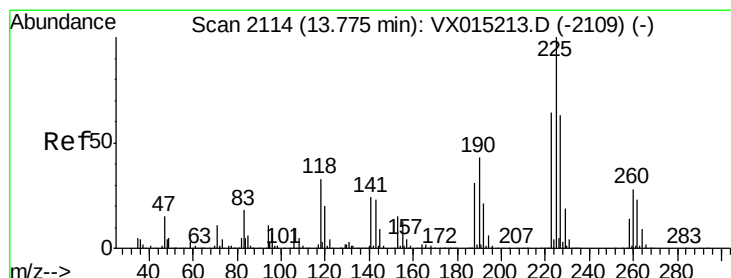
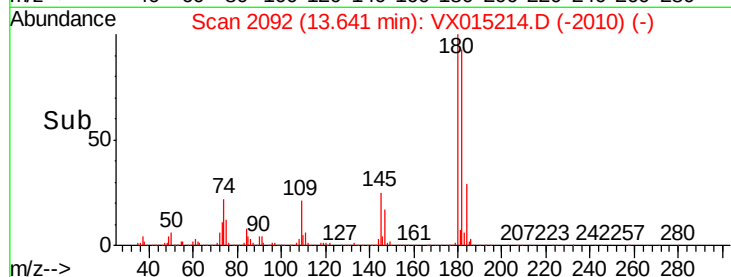
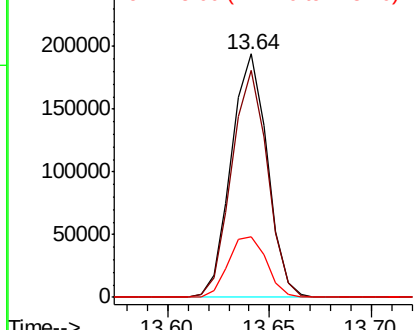


Abundance

Ion 180.00 (179.70 to 180.70): V

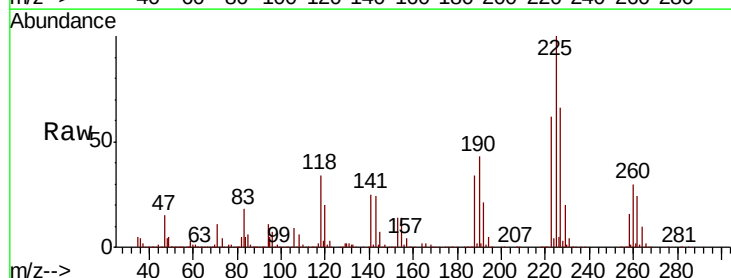
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 49.929 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015214.D
 Acq: 11 Mar 2020 21:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	127.6
227	64.7	0.0	128.6

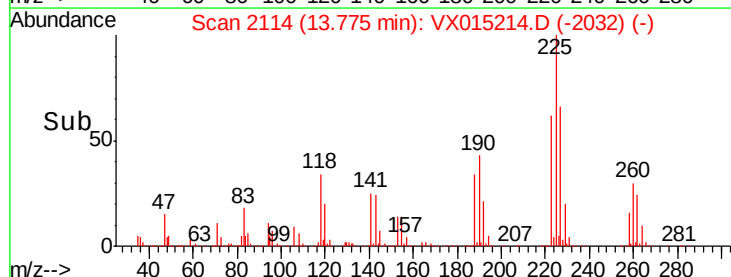
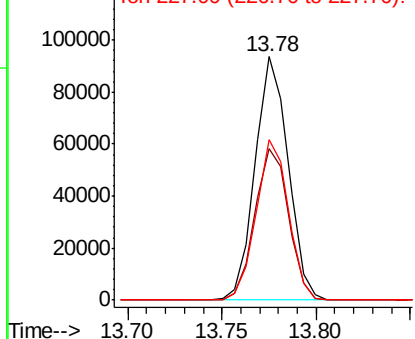


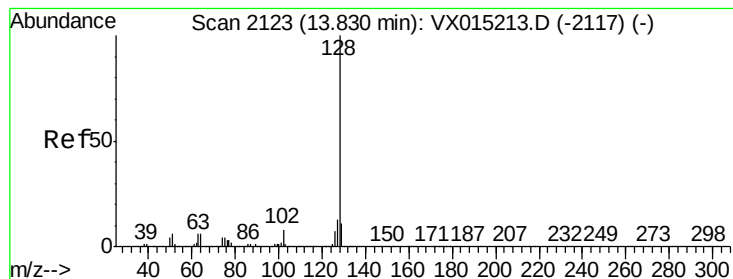
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 52.574 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015214.D

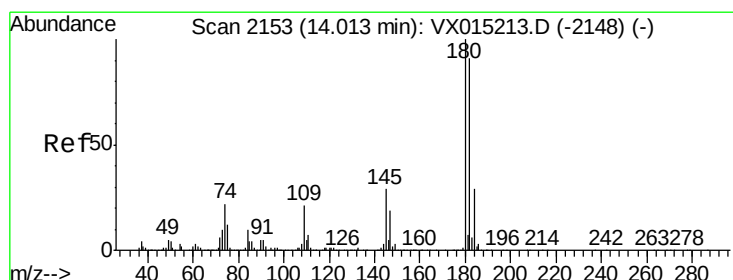
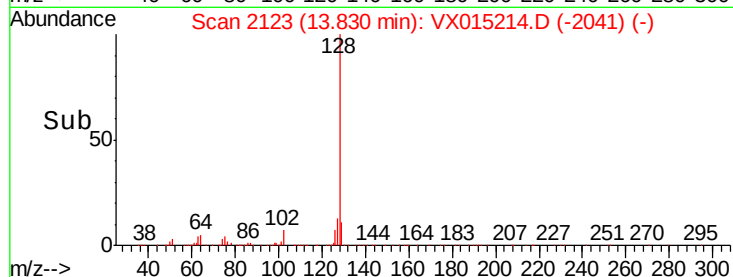
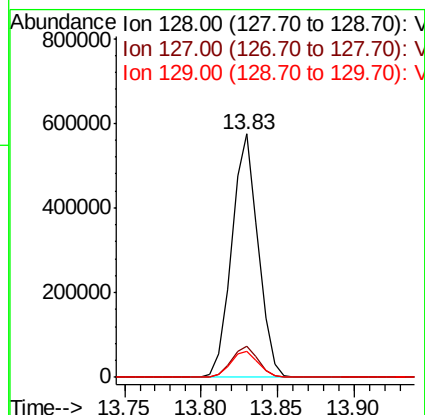
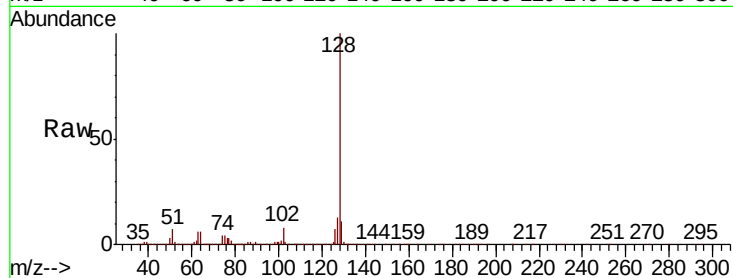
Acq: 11 Mar 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

Tot	Ion:128	Resp:	682717
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.8	13.2



#92

1,2,3-Trichlorobenzene

Concen: 51.826 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015214.D

Acq: 11 Mar 2020 21:03

Tgt Ion:180	Resp:	238185
Ion Ratio	Lower	Upper
180 100		
182 96.2	0.0	188.4
145 30.1	0.0	59.2

