

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015215.D
 Acq On : 11 Mar 2020 21:26
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 08:27:41 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	48829	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	268589	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	254830	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	100727	29.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.73%
60) 4-Bromofluorobenzene	11.14	95	122018	30.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.57%
63) Toluene-d8	8.71	98	336808	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	241062	108.647	ug/l 98
3) Chloromethane	1.32	50	349195	119.260	ug/l 97
4) Vinyl Chloride	1.40	62	358878	114.867	ug/l 99
5) Bromomethane	1.63	94	220612	101.950	ug/l 96
6) Chloroethane	1.71	64	217675	106.512	ug/l 98
7) Trichlorofluoromethane	1.92	101	432856	98.482	ug/l 99
8) Diethyl Ether	2.18	74	194671	103.721	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	264647	103.517	ug/l 99
10) 1,1-Dichloroethene	2.36	96	275584	106.008	ug/l 96
11) Methyl Iodide	2.50	142	343885	112.257	ug/l 95
12) Methyl Acetate	2.76	43	350926	107.655	ug/l 100
13) Acrolein	2.28	56	274133	445.512	ug/l 99
14) Acrylonitrile	3.13	53	819848	553.071	ug/l 99
15) Acetone	2.43	58	208404	426.162	ug/l 89
16) Carbon Disulfide	2.56	76	795768	113.065	ug/l 99
17) Allyl chloride	2.72	41	528390	114.927	ug/l 97
18) Methylene Chloride	2.85	84	316571	105.696	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	303963	107.148	ug/l 95
20) Diisopropyl ether	3.84	45	1042110	112.091	ug/l 94
21) 1,1-Dichloroethane	3.69	63	555647	109.407	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	345807	106.490	ug/l 97
23) tert-Butyl Alcohol	3.03	59	324720	555.614	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	912785	106.330	ug/l 99
25) Chloroform	5.20	83	525049	103.612	ug/l 96
26) Cyclohexane	5.58	56	516005	113.419	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	414798	107.321	ug/l 99
30) 2-Butanone	4.65	43	1111072	505.313	ug/l 100
31) 2,2-Dichloropropane	4.58	77	370921	90.899	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	445964	102.478	ug/l 99
33) Carbon Tetrachloride	5.78	117	393438	103.518	ug/l 100
34) Benzene	6.14	78	1260381	107.390	ug/l 97
35) Methacrylonitrile	5.03	41	251033	109.528	ug/l 96
36) 1,2-Dichloroethane	6.19	62	414881	101.608	ug/l 99
37) Trichloroethene	7.20	130	348846	105.744	ug/l 96
38) Methylcyclohexane	7.46	83	509465	107.280	ug/l 99
39) 1,2-Dichloropropane	7.51	63	325864	107.244	ug/l 97
40) Dibromomethane	7.65	93	212799	106.014	ug/l 98

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 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)
41) Bromodichloromethane	7.89	83	424784	108.138	ug/l	98
42) Vinyl Acetate	3.81	43	4476709	564.175	ug/l	99
43) Ethyl Acetate	4.82	43	438502	107.021	ug/l #	94
44) Isopropyl Acetate	6.43	43	739261	109.014	ug/l	99
45) 1,4-Dioxane	7.73	88	158738	2458.449	ug/l	97
46) Methyl methacrylate	7.76	41	370750	110.201	ug/l	98
47) n-amyl Acetate	10.89	43	680184	116.078	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	468567	107.676	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	526884	109.368	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	317241	106.147	ug/l	95
51) Ethyl methacrylate	9.17	69	518899	112.566	ug/l	100
52) 1,3-Dichloropropane	9.37	76	537593	106.259	ug/l	100
53) Dibromochloromethane	9.58	129	349760	109.271	ug/l	99
54) 1,2-Dibromoethane	9.67	107	331895	104.808	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	1289624	528.898	ug/l	100
56) Bromoform	10.85	173	277525	111.302	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	2245694	527.211	ug/l	99
59) 2-Hexanone	9.49	43	1703302	519.317	ug/l	99
61) Tetrachloroethene	9.33	164	345915	99.812	ug/l	98
62) Toluene	8.78	91	1356319	102.948	ug/l	100
64) Chlorobenzene	10.14	112	857209	102.019	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	323036	103.950	ug/l	100
66) Ethyl Benzene	10.25	91	1528925	105.637	ug/l	99
67) m/p-Xylenes	10.36	106	1174284	210.364	ug/l	100
68) o-Xylene	10.70	106	560196	103.830	ug/l	98
69) Styrene	10.71	104	989330	106.645	ug/l	99
70) Isopropylbenzene	11.01	105	1477081	103.271	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	473029	102.281	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	561135	142.400	ug/l	93
73) Bromobenzene	11.25	156	405397	104.919	ug/l	99
74) n-propylbenzene	11.35	91	1732934	106.154	ug/l	100
75) 2-Chlorotoluene	11.42	91	1008851	104.977	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1234632	103.218	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	166732	108.421	ug/l	95
78) 4-Chlorotoluene	11.51	91	1162341	103.933	ug/l	99
79) tert-butylbenzene	11.76	119	1192172	103.422	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1255870	105.217	ug/l	99
81) sec-Butylbenzene	11.94	105	1472836	106.025	ug/l	100
82) p-Isopropyltoluene	12.06	119	1359055	105.976	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	729227	107.072	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	723780	105.672	ug/l	99
85) n-Butylbenzene	12.39	91	1216878	108.391	ug/l	99
86) Hexachloroethane	12.59	117	246473	105.711	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	705487	104.627	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	103044	103.651	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	524603	107.464	ug/l	99
90) Hexachlorobutadiene	13.78	225	253294	104.867	ug/l	99
91) Naphthalene	13.83	128	1516762	110.349	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	517690	106.421	ug/l	97

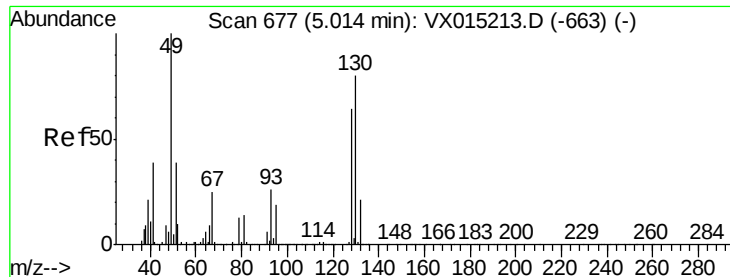
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
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QLast Update : Thu Mar 12 08:23:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

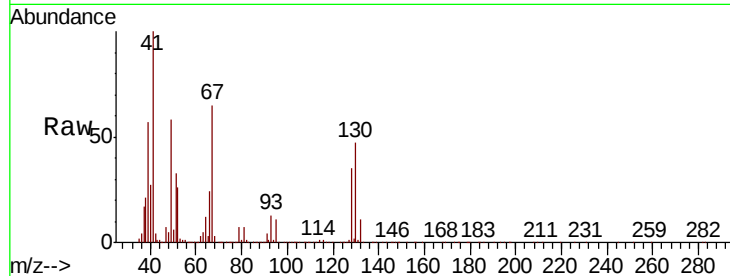


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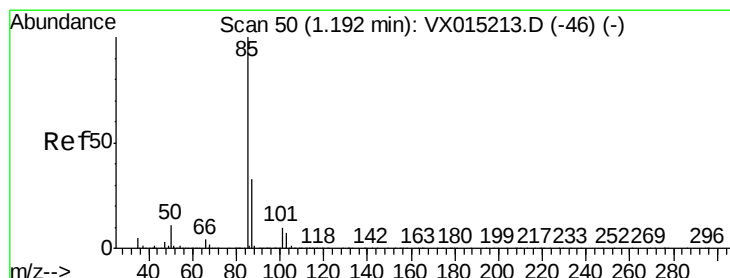
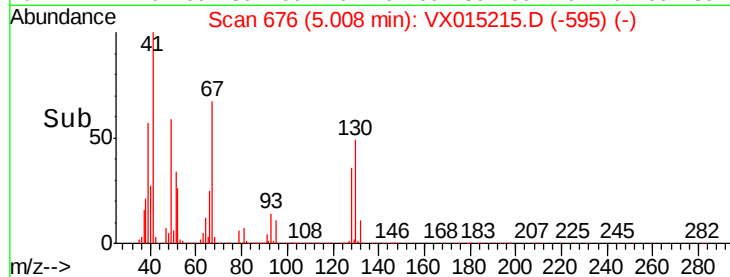
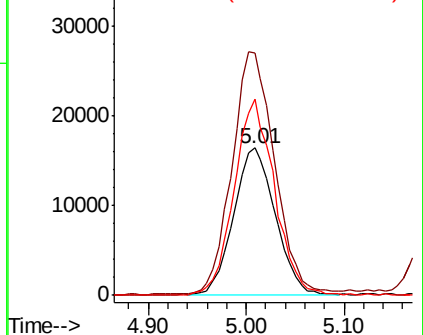
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	165.9	0.0	410.8
130	128.1	0.0	324.3



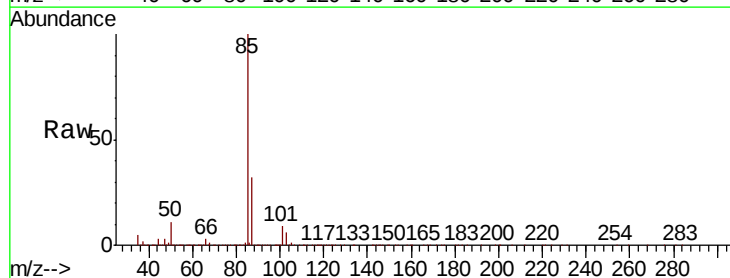
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



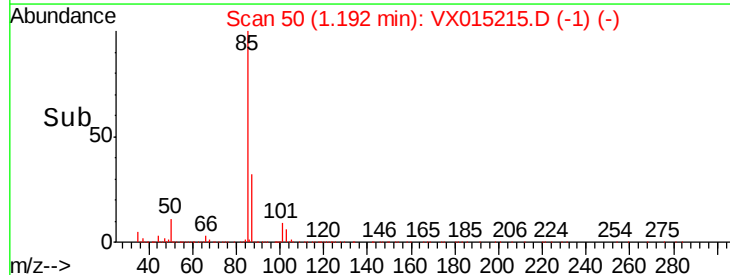
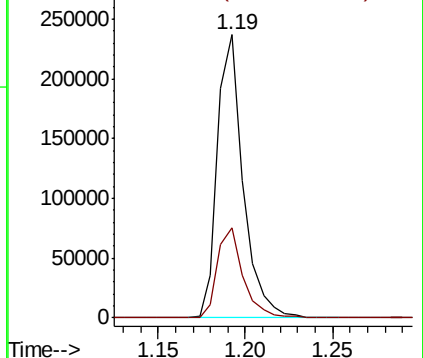
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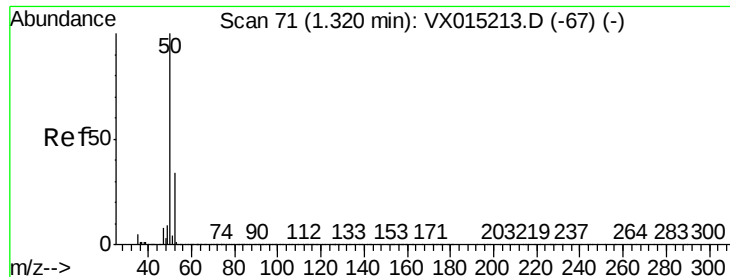
Dichlorodifluoromethane
 Concen: 108.647 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.6	49.8



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

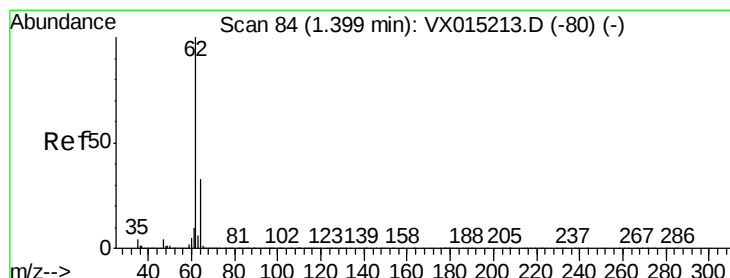
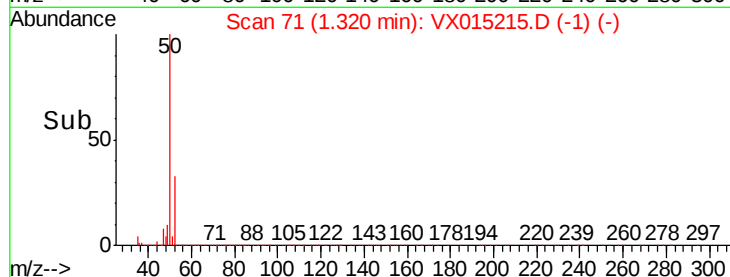
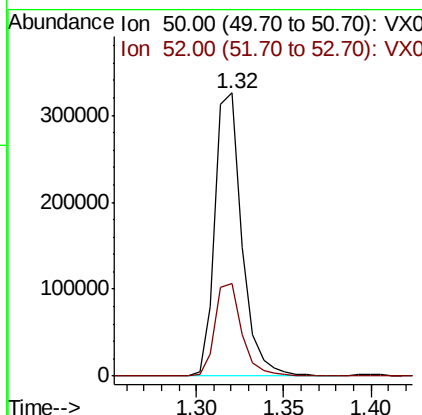
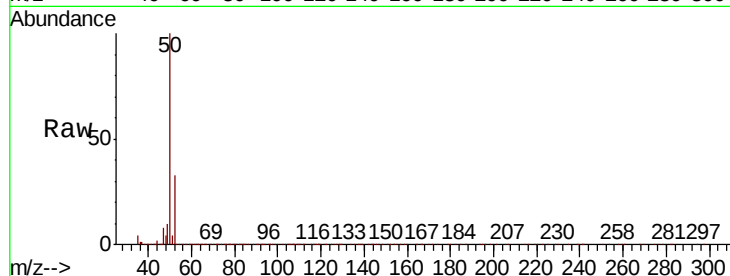




#3
Chloromethane
Concen: 119.260 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

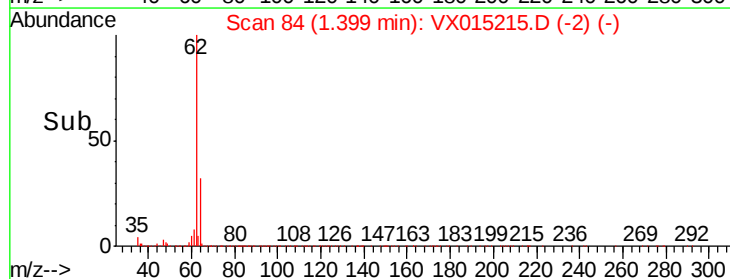
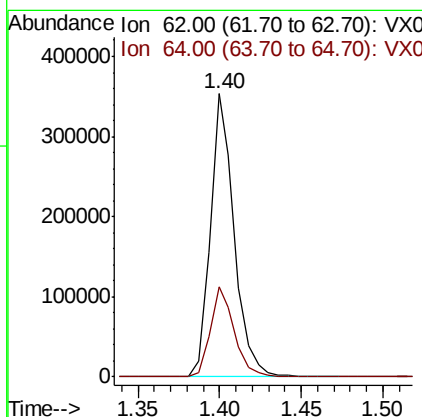
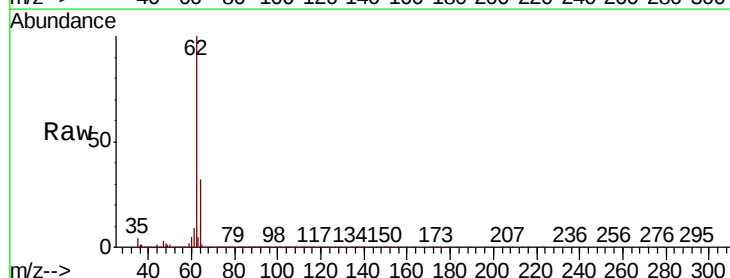
Instrument :
MSVOA_X
ClientSampleId :

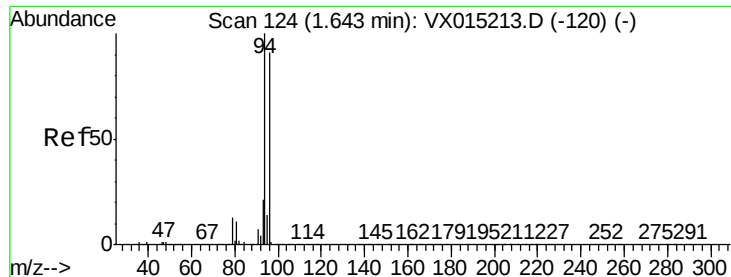
Tot Ion: 50 Resp: 349195
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.0



#4
Vinyl Chloride
Concen: 114.867 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 62 Resp: 358878
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9





#5

Bromomethane

Concen: 101.950 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

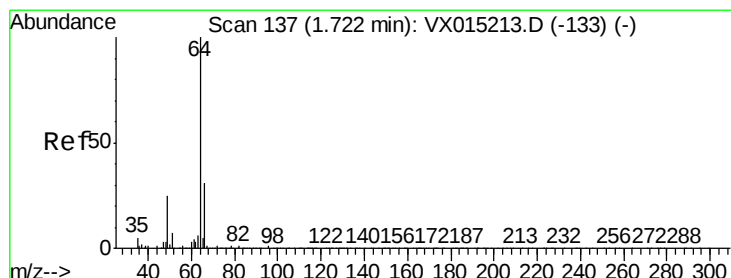
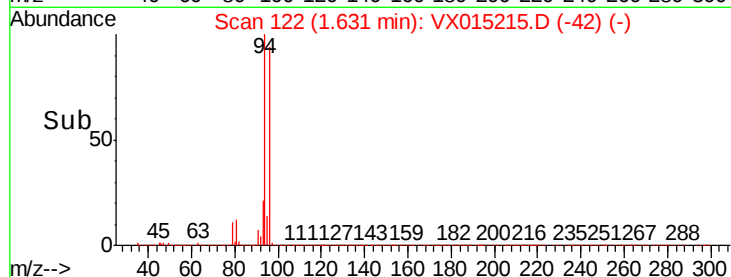
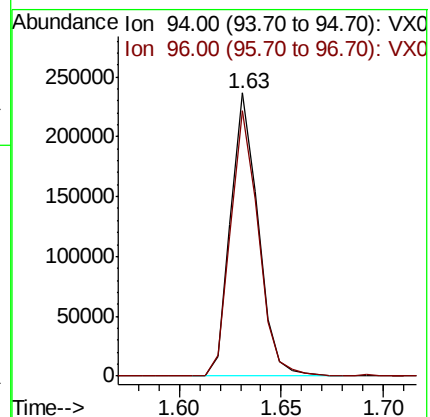
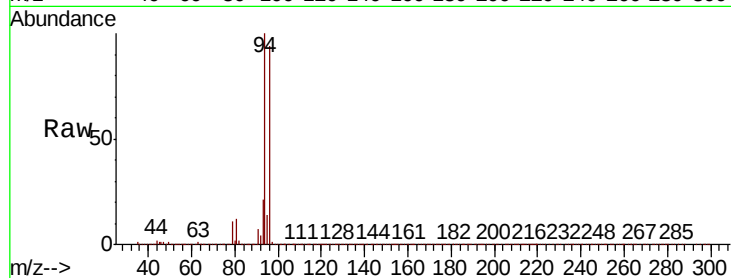
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 220612

Ion Ratio Lower Upper

94 100

96 93.8 72.2 108.2



#6

Chloroethane

Concen: 106.512 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015215.D

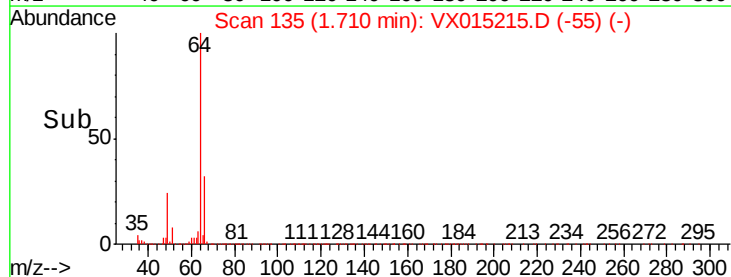
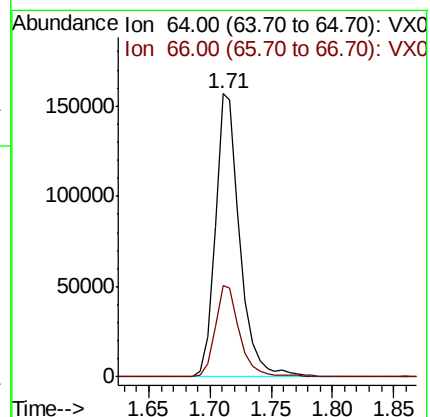
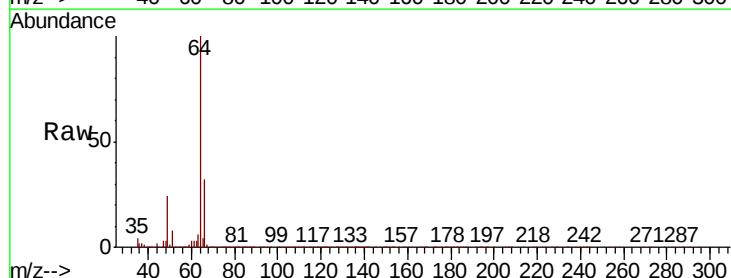
Acq: 11 Mar 2020 21:26

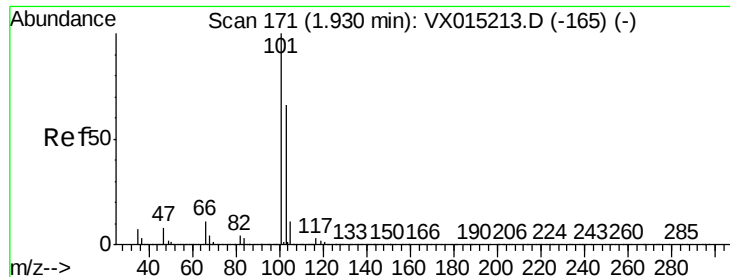
Tgt Ion: 64 Resp: 217675

Ion Ratio Lower Upper

64 100

66 32.2 24.9 37.3



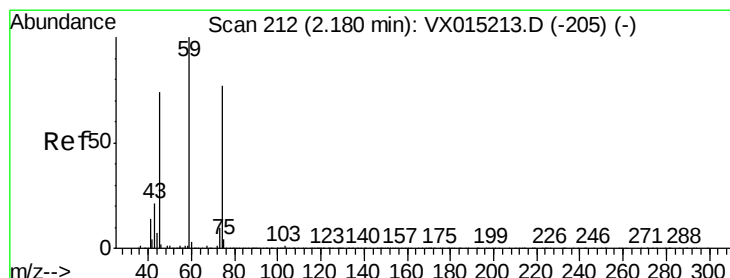
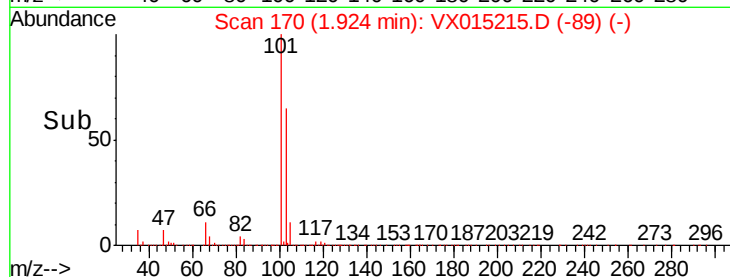
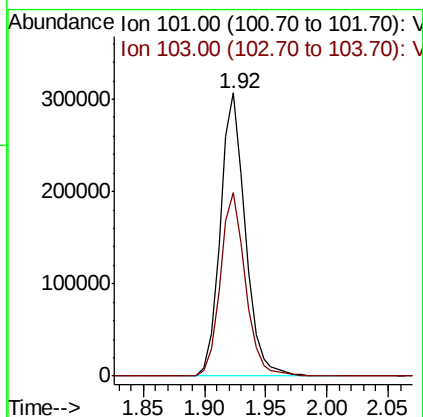
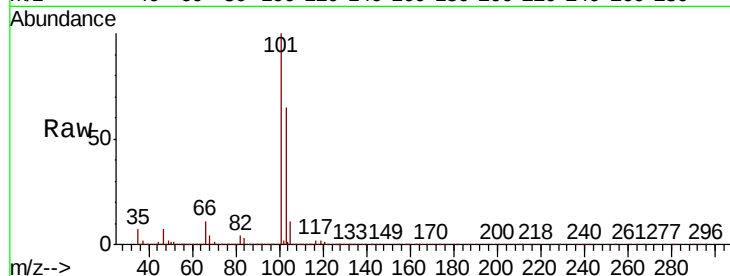


#7

Trichlorofluoromethane
Concen: 98.482 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Instrument :
MSVOA_X
ClientSampleId :

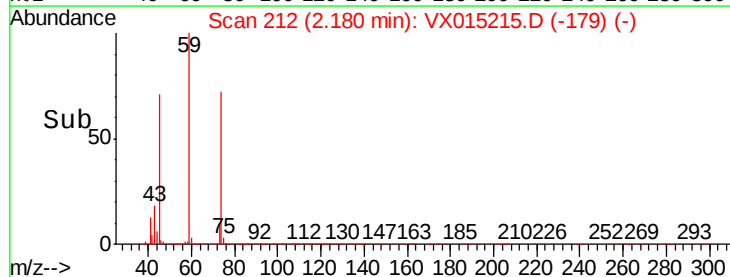
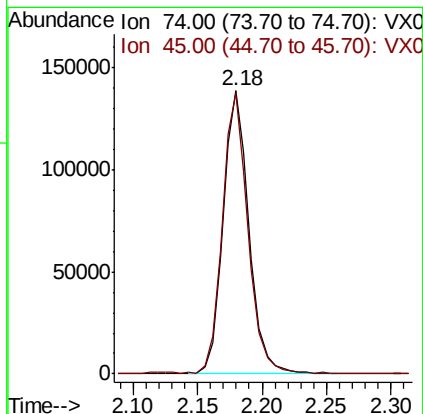
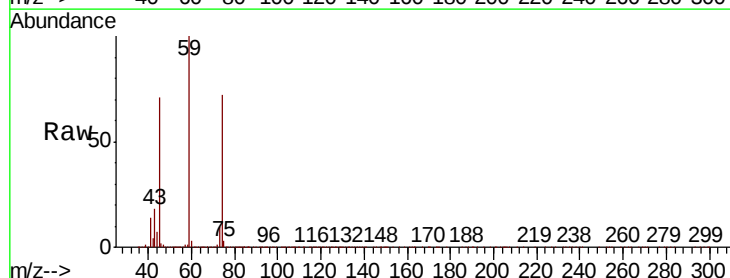
Tot Ion:101 Resp: 432856
Ion Ratio Lower Upper
101 100
103 64.6 52.5 78.7

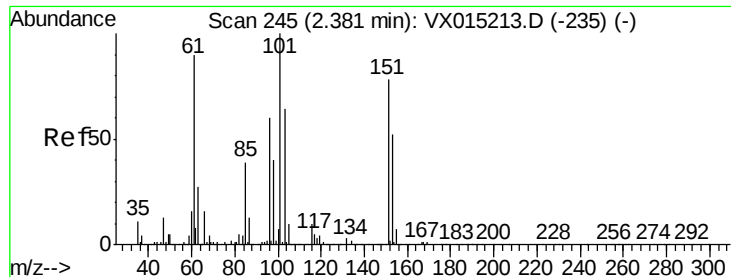


#8

Diethyl Ether
Concen: 103.721 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 74 Resp: 194671
Ion Ratio Lower Upper
74 100
45 98.4 19.1 171.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.517 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015215.D

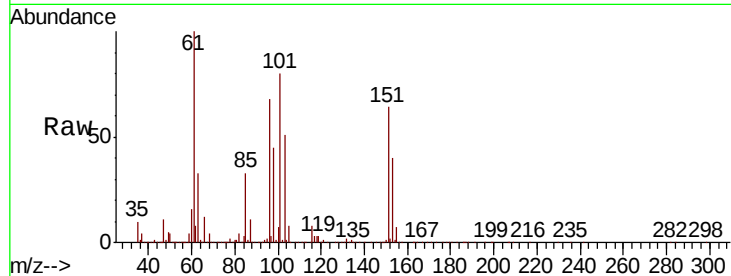
Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

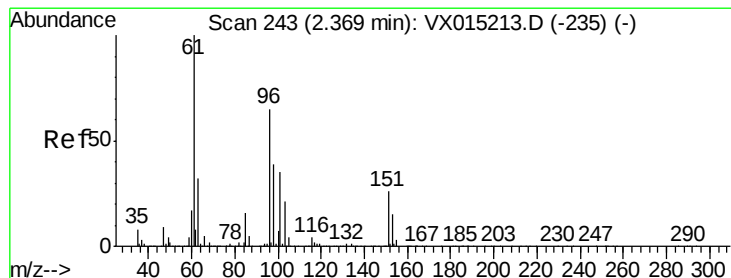
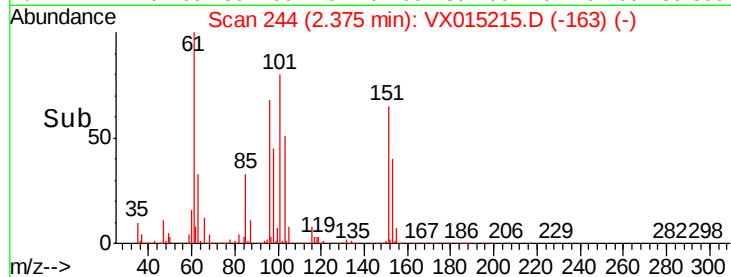
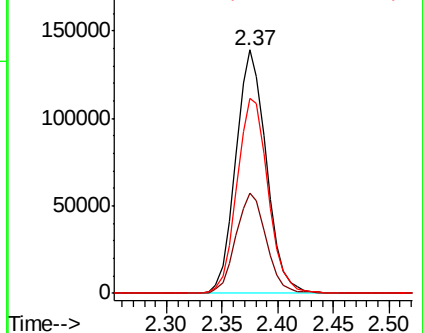
Tot Ion:	101	Resp:	264647
Ion	Ratio	Lower	Upper
101	100		
85	41.1	0.0	84.6
151	81.7	0.0	161.8



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: 106.008 ug/l

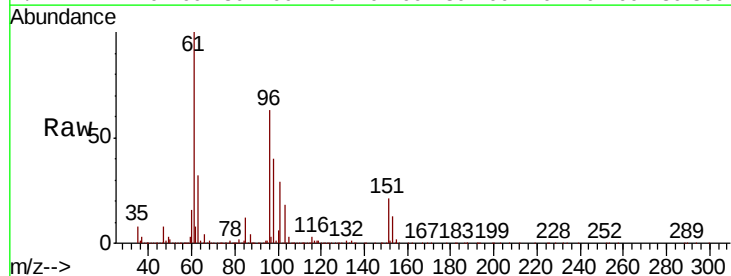
RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

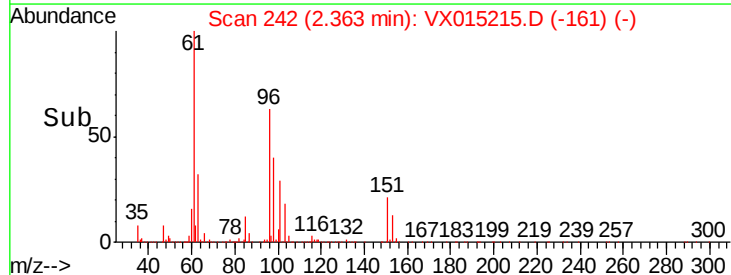
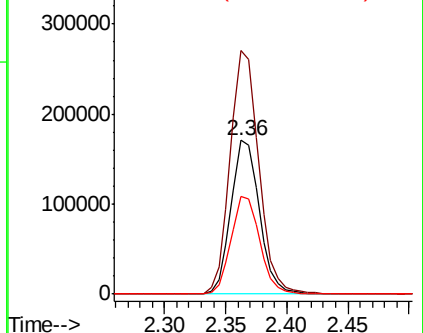
Tgt Ion:	96	Resp:	275584
Ion	Ratio	Lower	Upper
96	100		
61	158.5	123.1	184.7
98	63.4	48.1	72.1

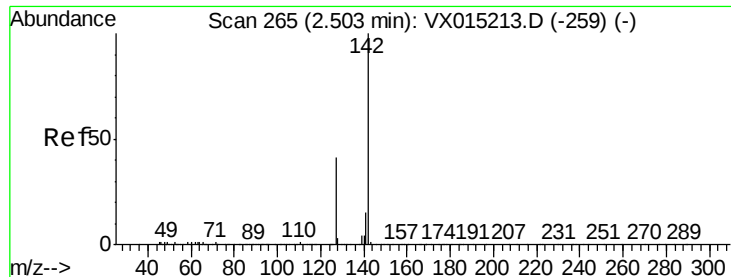


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

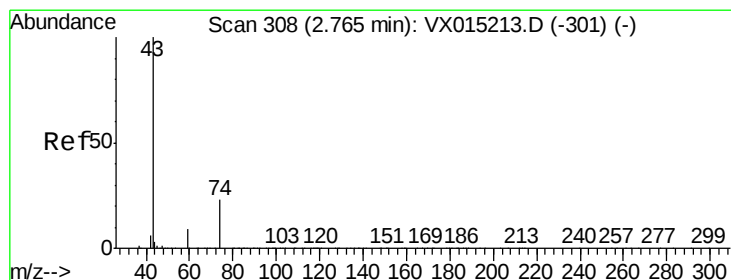
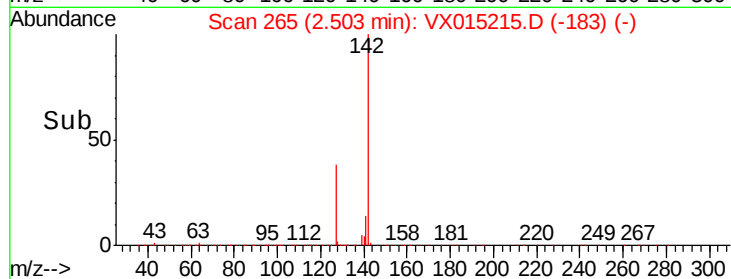
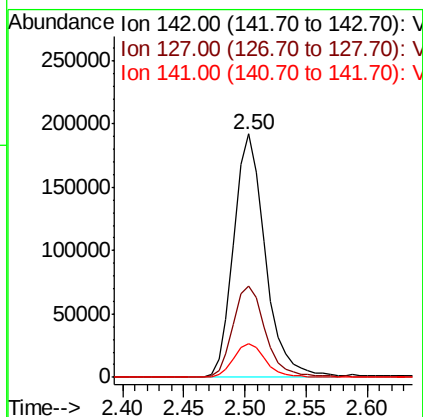
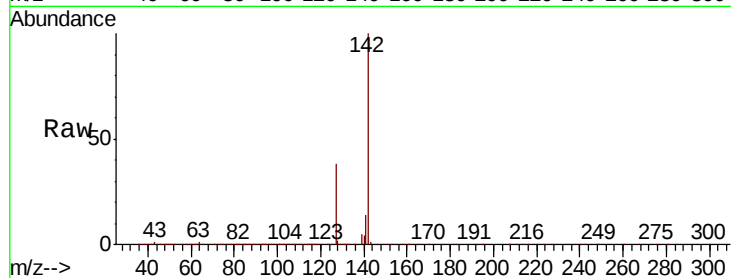




#11
Methvl Iodide
Concen: 112.257 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

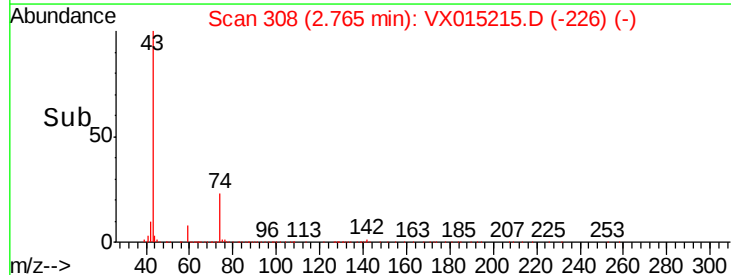
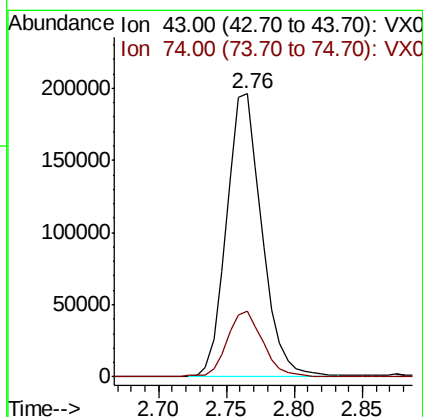
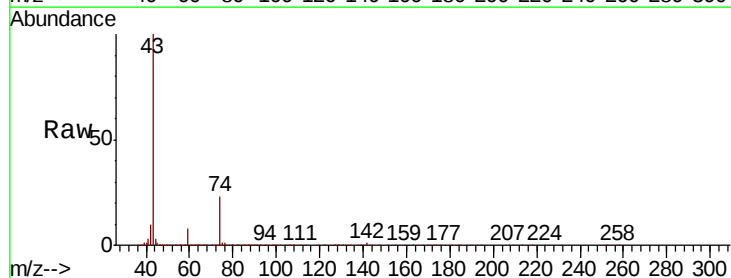
Instrument :
MSVOA_X
ClientSampleId :

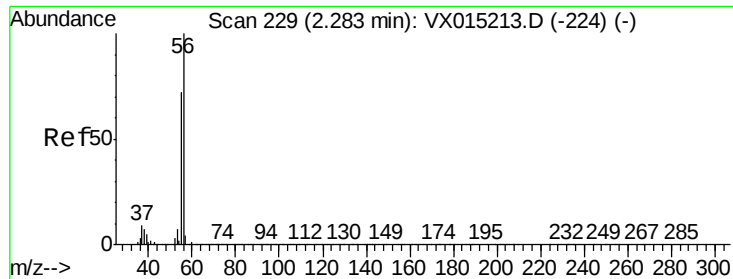
Tot Ion:142 Resp: 343885
Ion Ratio Lower Upper
142 100
127 37.5 20.7 62.1
141 13.9 7.5 22.6



#12
Methyl Acetate
Concen: 107.655 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 43 Resp: 350926
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5

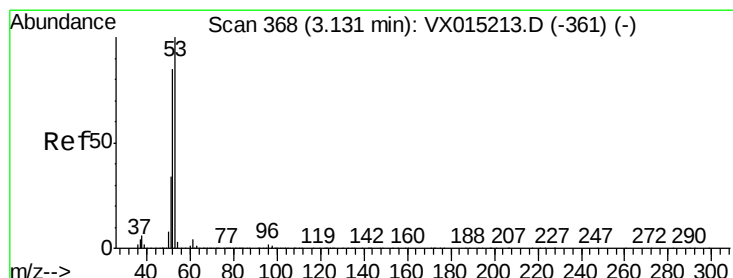
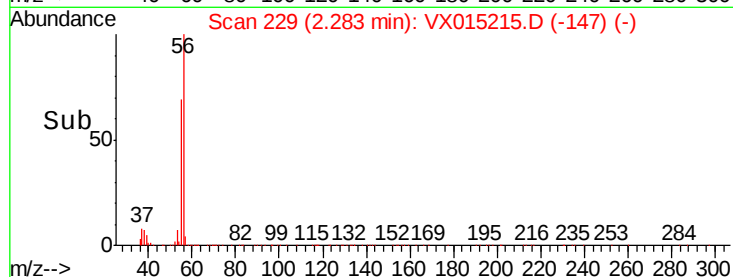
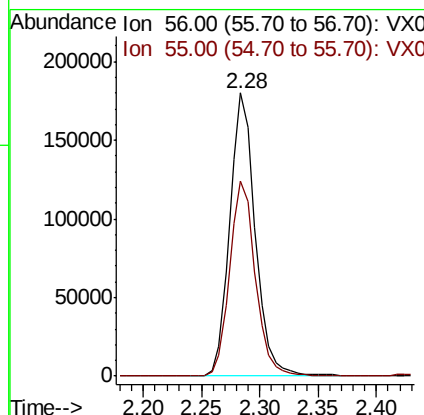
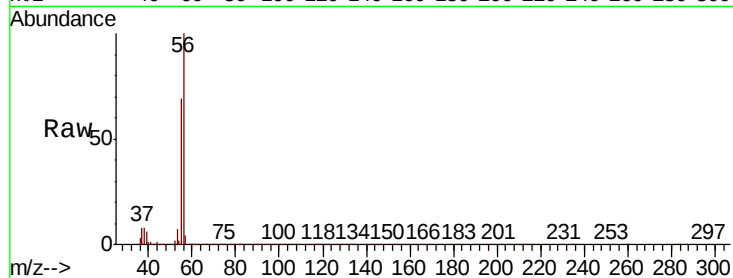




#13
Acrolein
Concen: 445.512 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

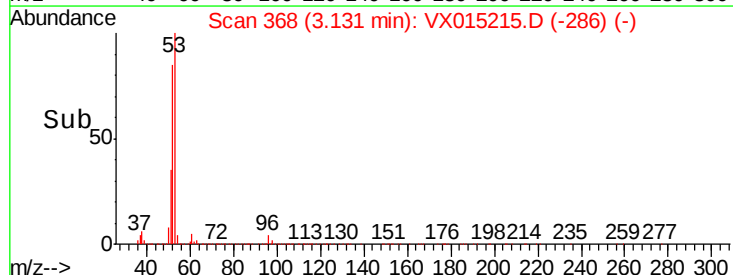
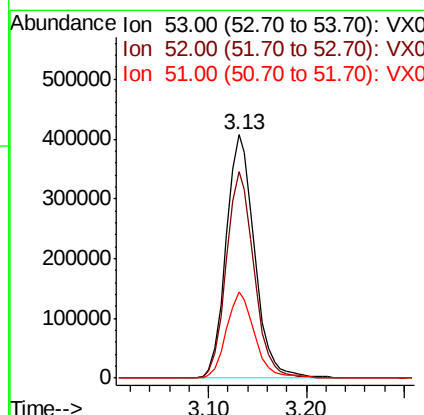
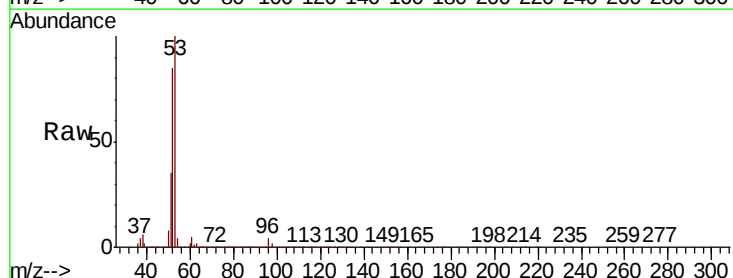
Instrument :
MSVOA_X
ClientSampleId :

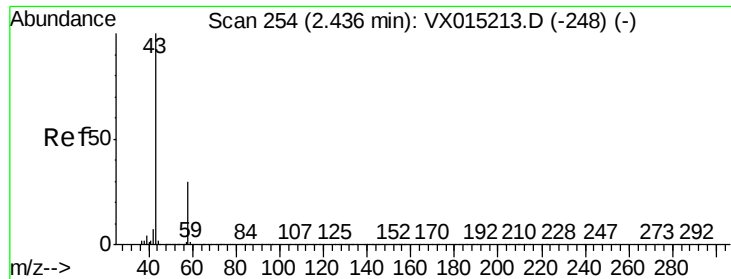
Tot Ion: 56 Resp: 274133
Ion Ratio Lower Upper
56 100
55 69.1 56.2 84.4



#14
Acrylonitrile
Concen: 553.071 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 53 Resp: 819848
Ion Ratio Lower Upper
53 100
52 83.0 41.1 123.3
51 35.2 18.1 54.4

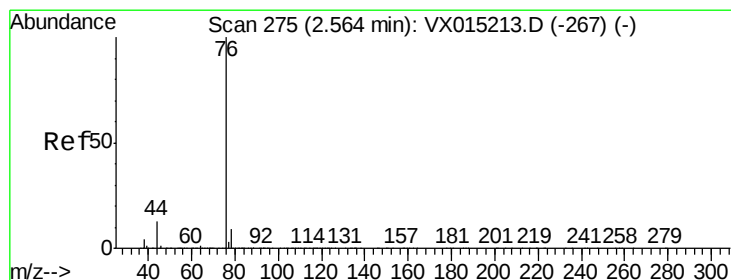
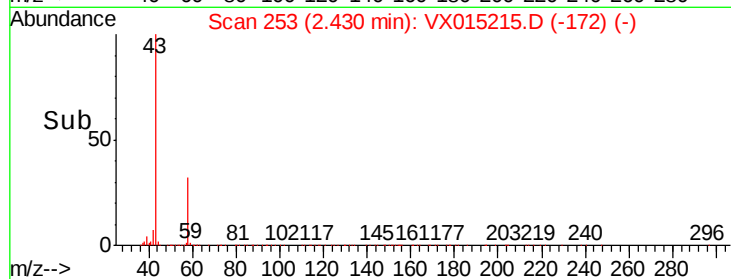
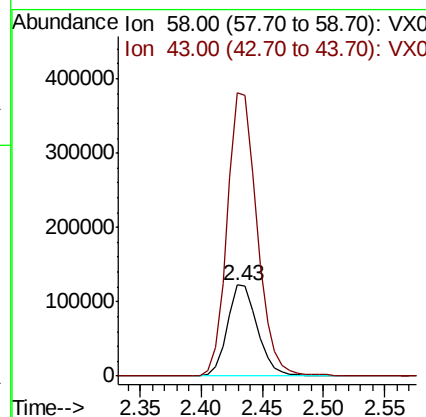
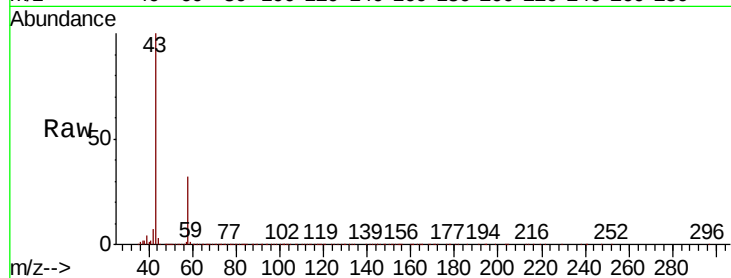




#15
Acetone
Concen: 426.162 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

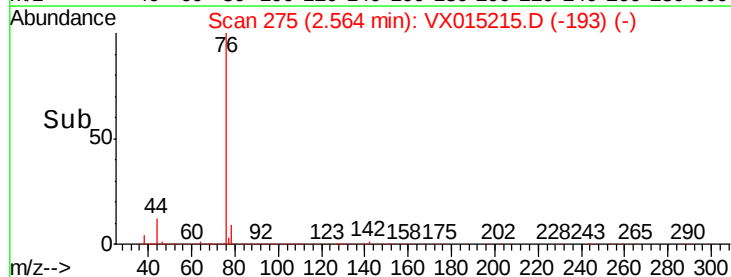
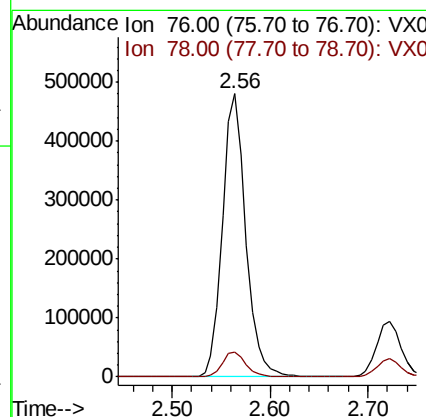
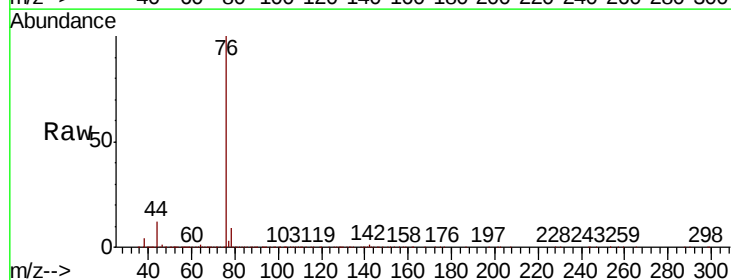
Instrument :
MSVOA_X
ClientSampleId :

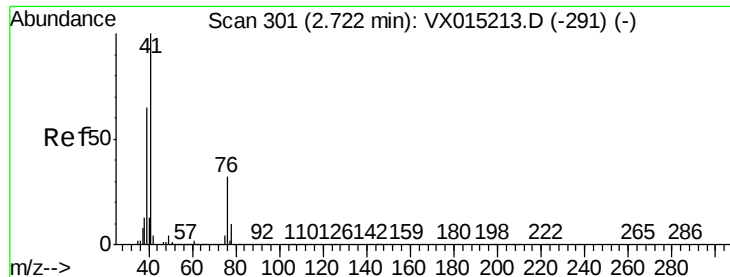
Tot Ion: 58 Resp: 208404
Ion Ratio Lower Upper
58 100
43 311.2 267.7 401.5



#16
Carbon Disulfide
Concen: 113.065 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 76 Resp: 795768
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

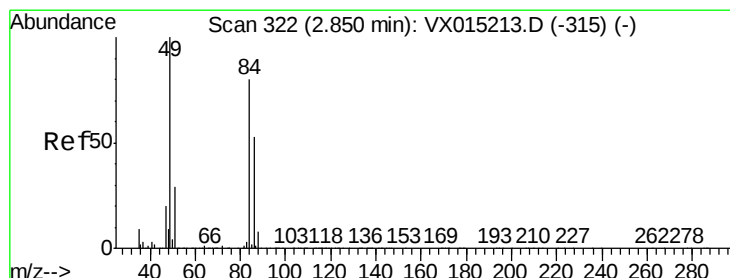
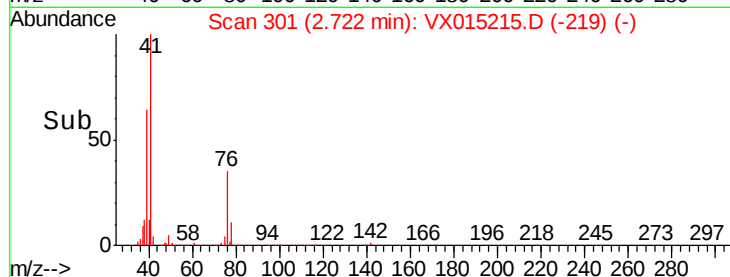
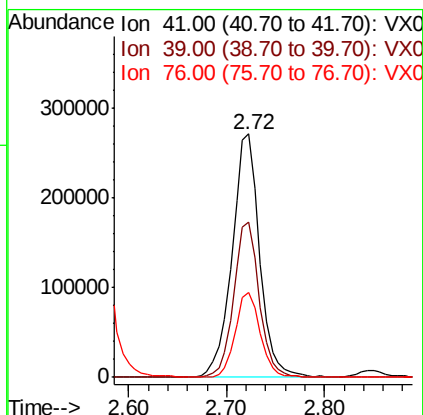
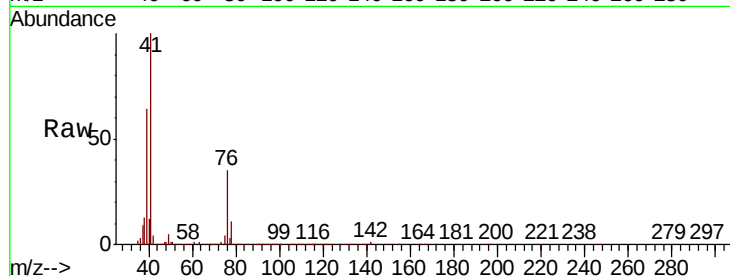




#17
Allvl chloride
Concen: 114.927 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

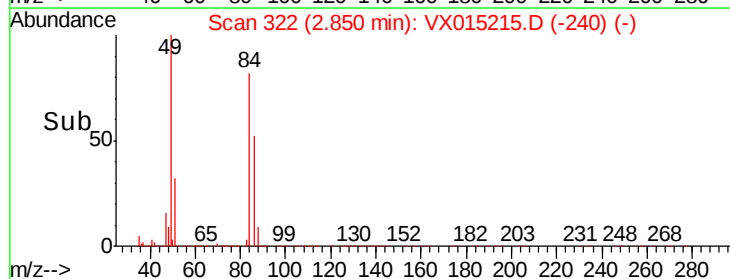
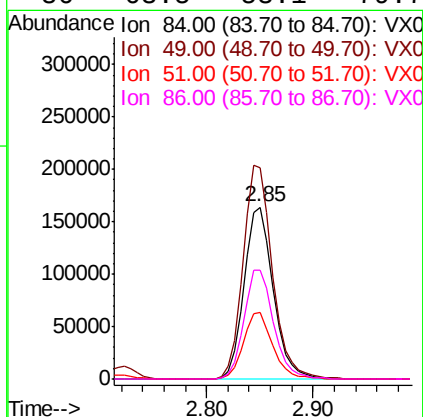
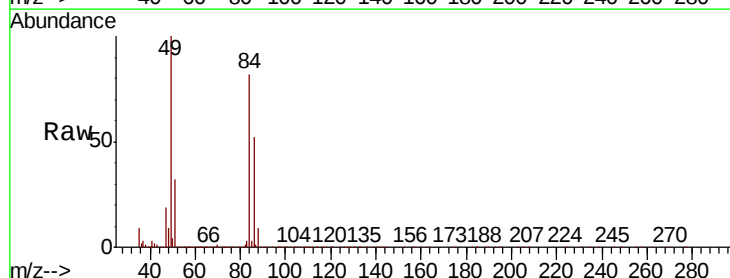
Instrument :
MSVOA_X
ClientSampleId :

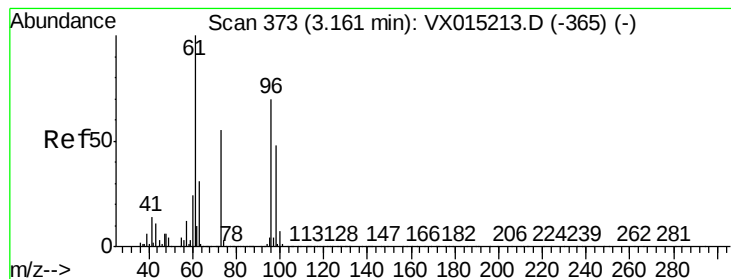
Tot Ion	Ratio	Lower	Upper
41	100		
39	63.7	32.6	97.7
76	34.6	16.2	48.5



#18
Methylene Chloride
Concen: 105.696 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	100.5	150.7
51	38.7	28.7	43.1
86	63.5	53.1	79.7





#19

trans-1,2-Dichloroethene

Concen: 107.148 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :
MSVOA_X
ClientSampled :

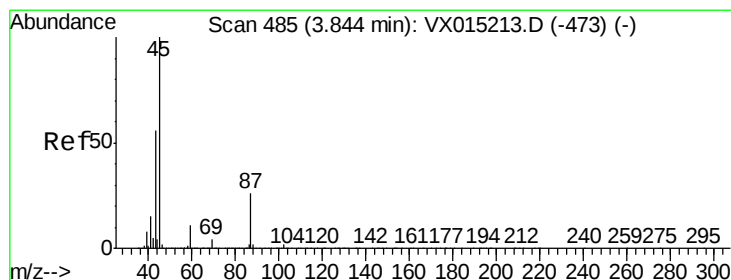
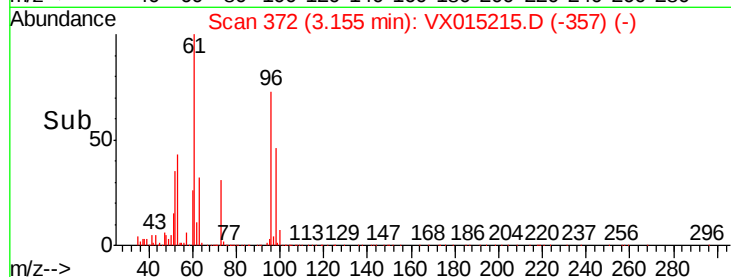
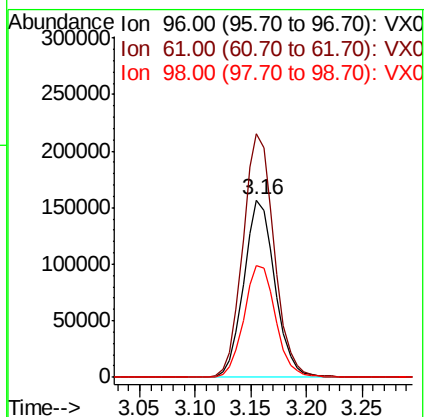
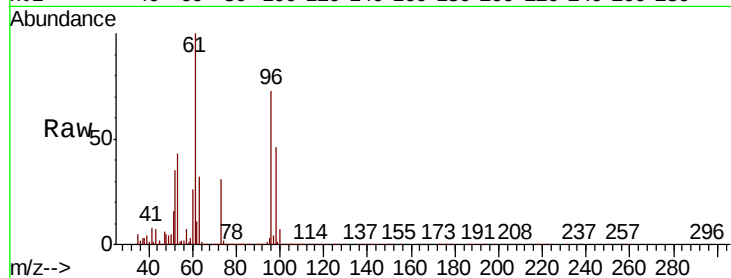
Tot Ion: 96 Resp: 303963

Ion Ratio Lower Upper

96 100

61 137.2 113.8 170.6

98 62.8 54.6 82.0



#20

Diisopropyl ether

Concen: 112.091 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Tgt Ion: 45 Resp: 1042110

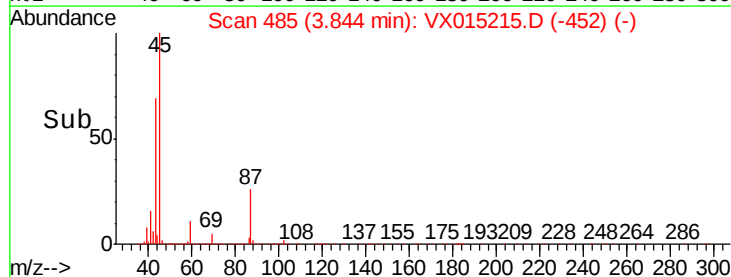
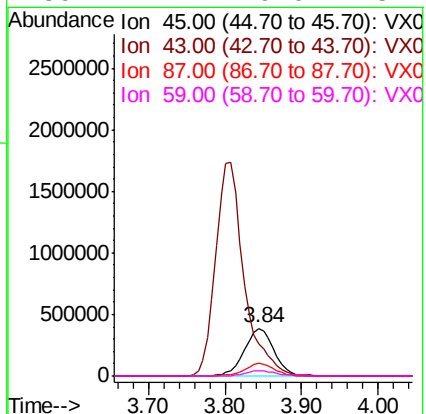
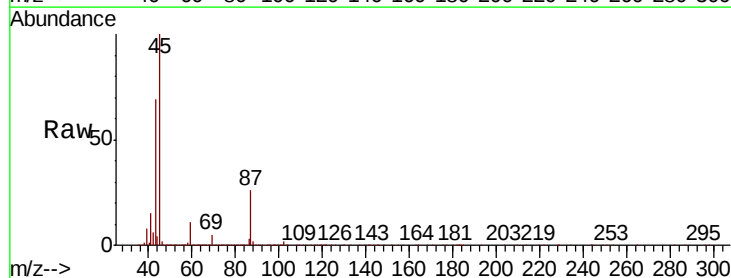
Ion Ratio Lower Upper

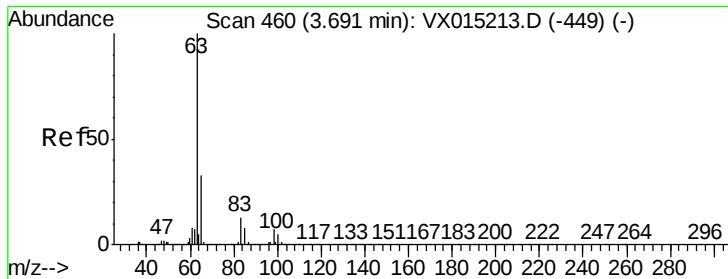
45 100

43 68.4 60.3 90.5

87 26.2 21.0 31.6

59 11.1 9.0 13.4





#21

1,1-Dichloroethane

Concen: 109.407 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015215.D

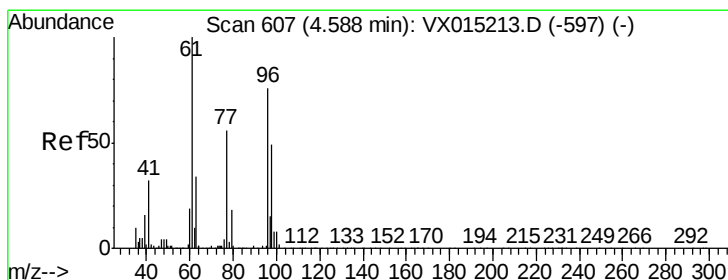
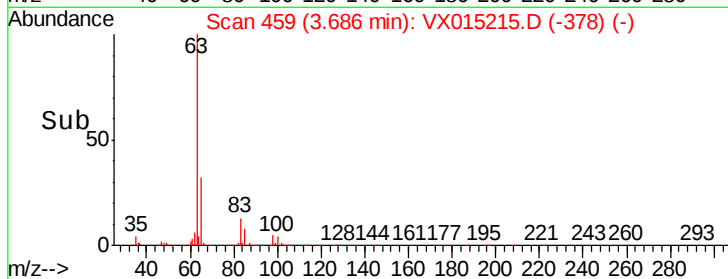
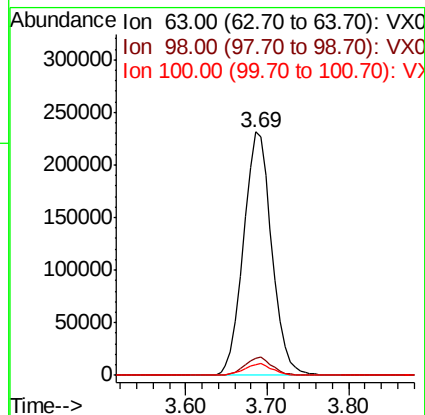
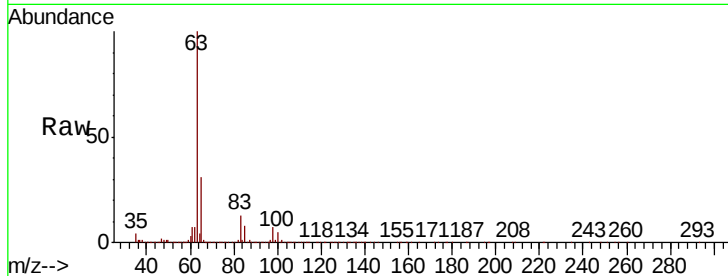
Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	555647
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.6	2.6	7.8



#22

cis-1,2-Dichloroethene

Concen: 106.490 ug/l

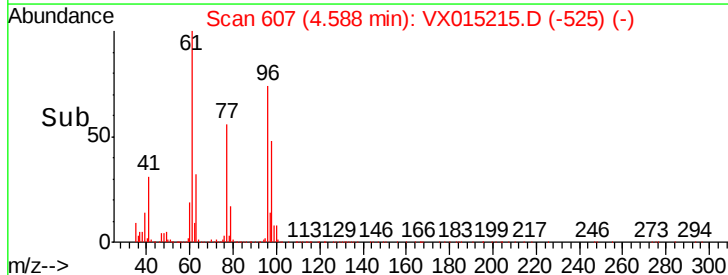
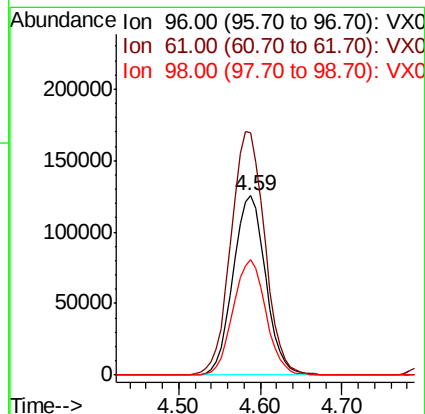
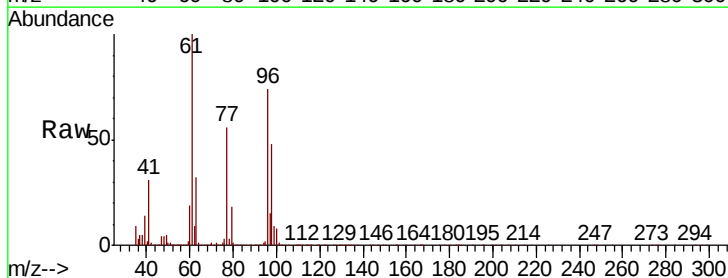
RT: 4.59 min Scan# 607

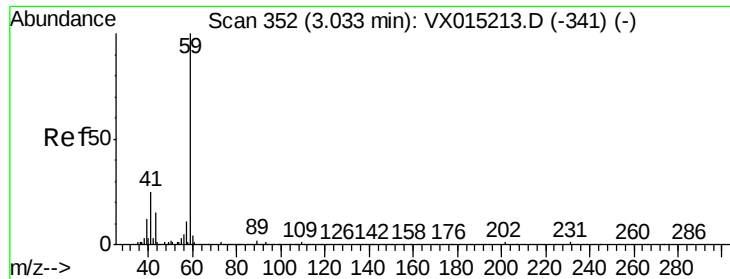
Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Tgt Ion:	96	Resp:	345807
Ion	Ratio	Lower	Upper
96	100		
61	141.5	109.3	163.9
98	64.7	51.3	76.9



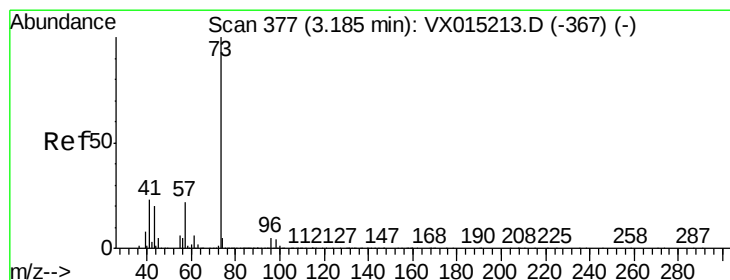
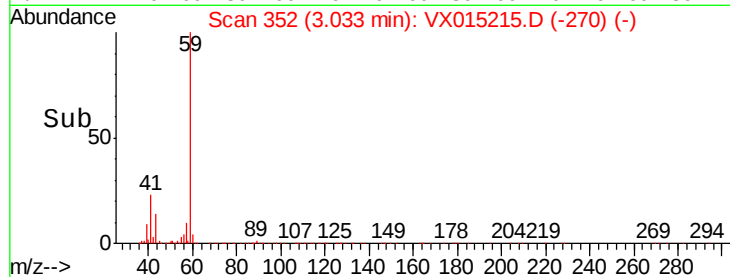
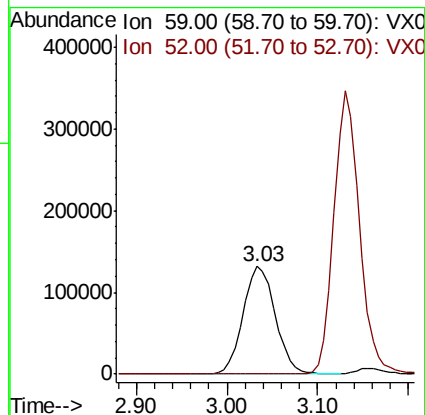
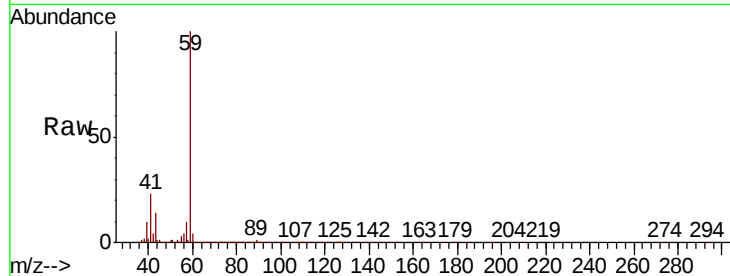


#23

tert-Butyl Alcohol
 Concen: 555.614 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Instrument :
 MSVOA_X
 ClientSampleId :

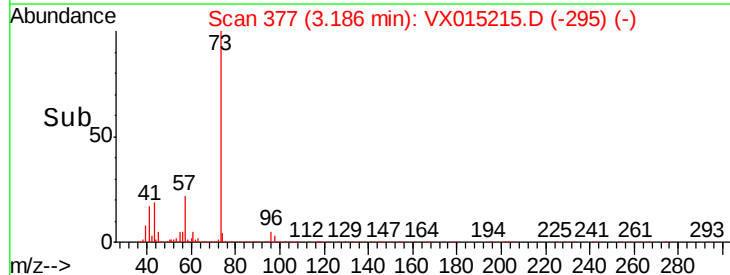
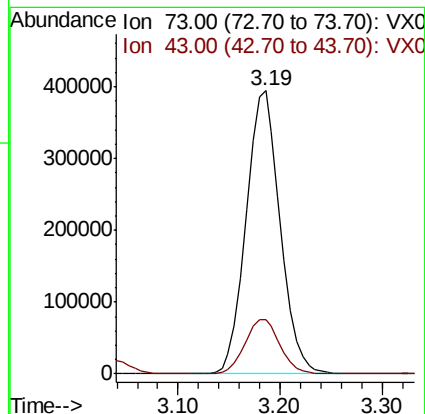
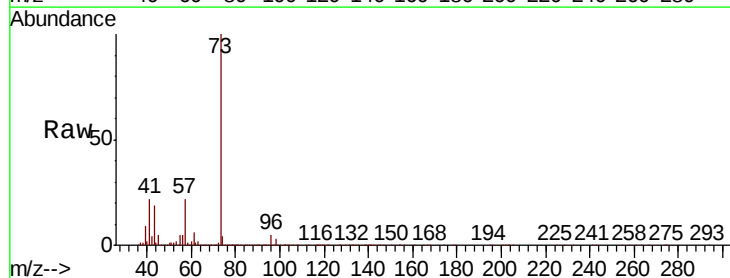
Tot Ion: 59 Resp: 324720
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

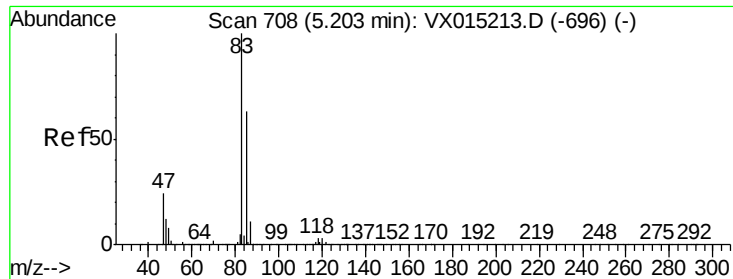


#24

Methyl tert-Butyl Ether
 Concen: 106.330 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion: 73 Resp: 912785
 Ion Ratio Lower Upper
 73 100
 43 19.8 16.4 24.6





#25

Chloroform

Concen: 103.612 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

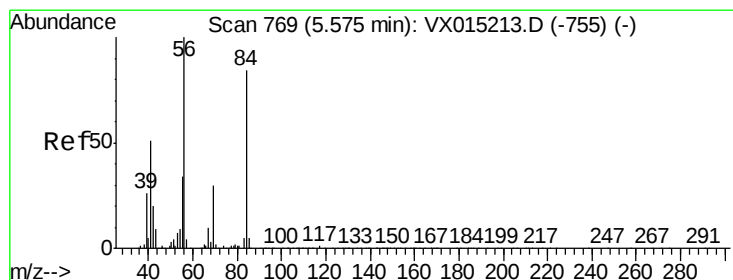
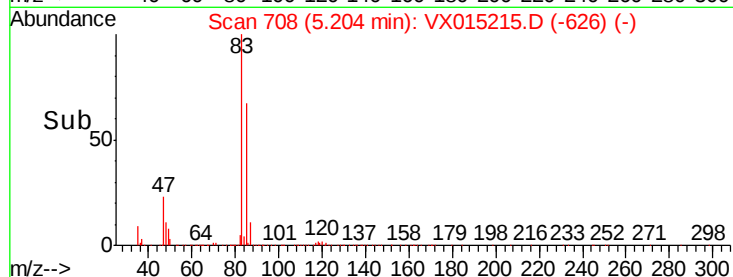
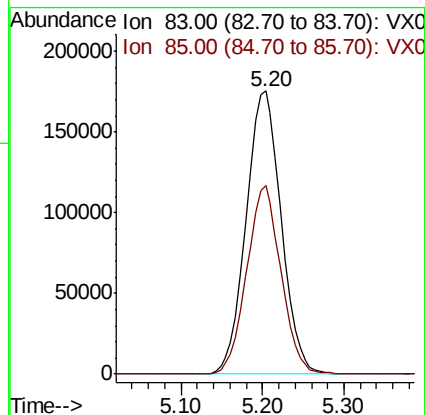
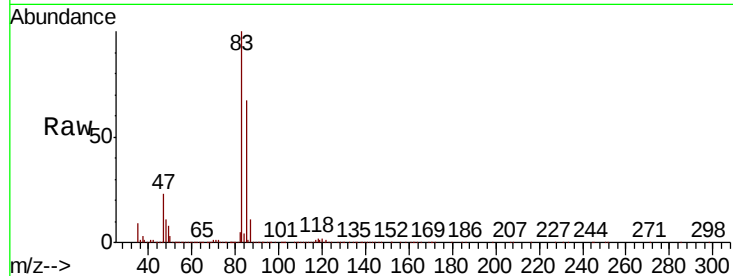
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 525049

Ion Ratio Lower Upper

83 100

85 66.6 50.7 76.1



#26

Cyclohexane

Concen: 113.419 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

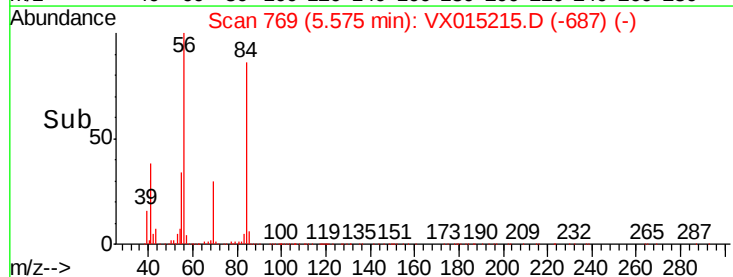
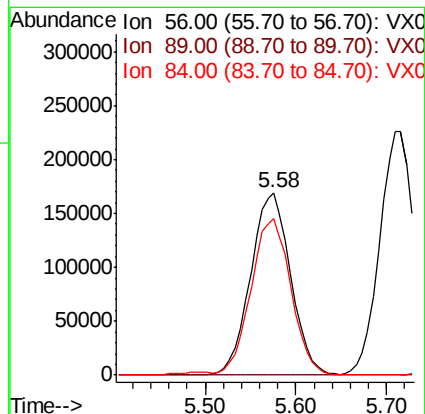
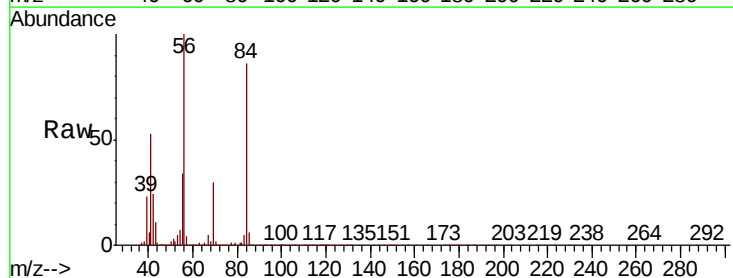
Tgt Ion: 56 Resp: 516005

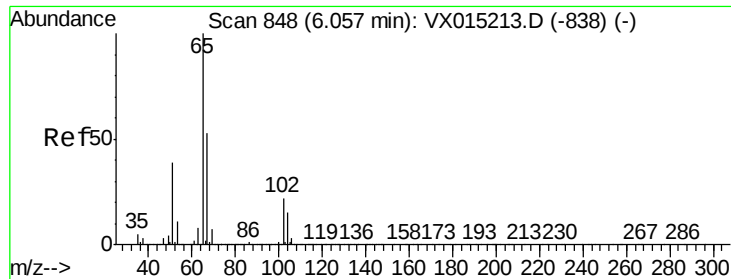
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 85.7 67.3 100.9

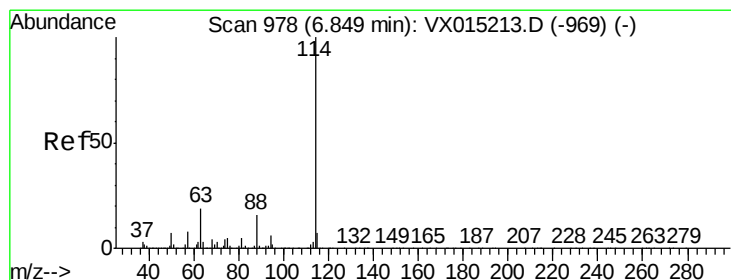
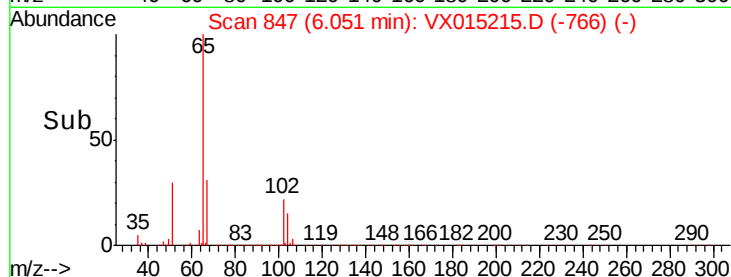
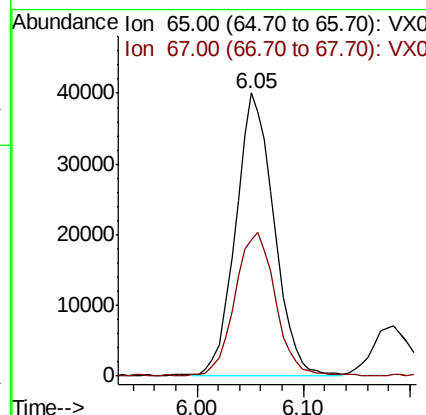
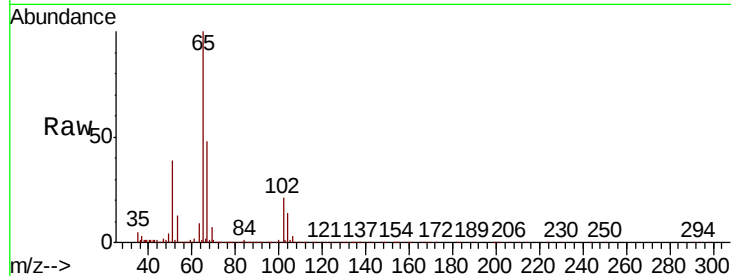




#27
 1,2-Dichloroethane-d4
 Concen: 29.918 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

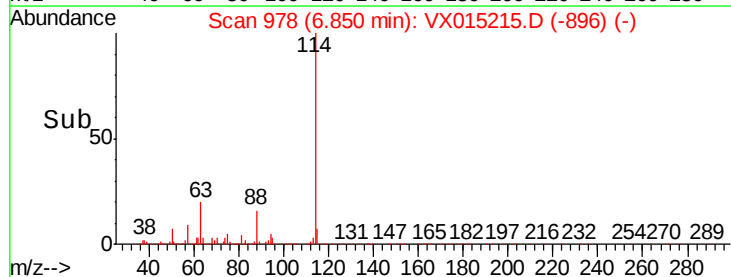
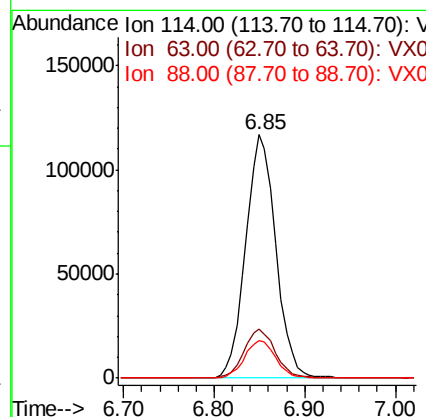
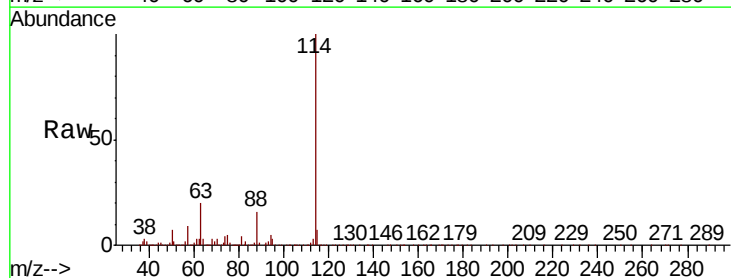
Instrument :
 MSVOA_X
 ClientSampleId :

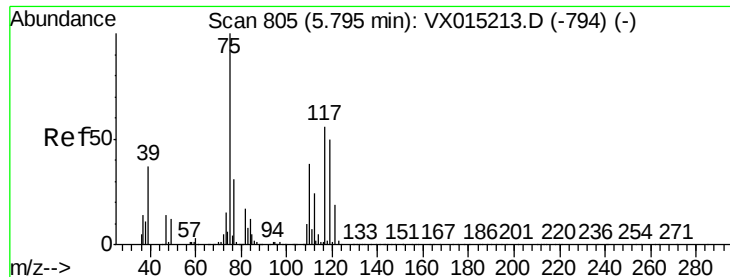
Tot Ion: 65 Resp: 100727
 Ion Ratio Lower Upper
 65 100
 67 52.9 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion: 114 Resp: 268589
 Ion Ratio Lower Upper
 114 100
 63 20.7 15.8 23.6
 88 16.0 12.4 18.6





#29

1,1-Dichloropropene

Concen: 107.321 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

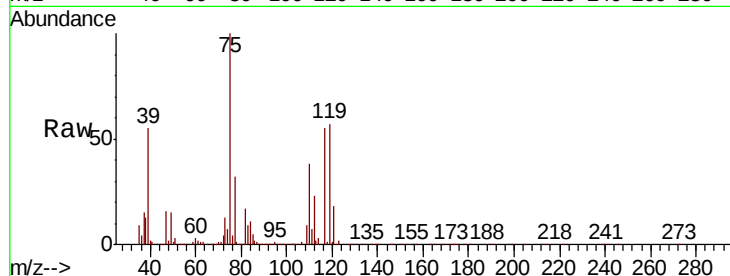
Tot Ion: 75 Resp: 414798

Ion Ratio Lower Upper

75 100

110 36.2 0.0 74.2

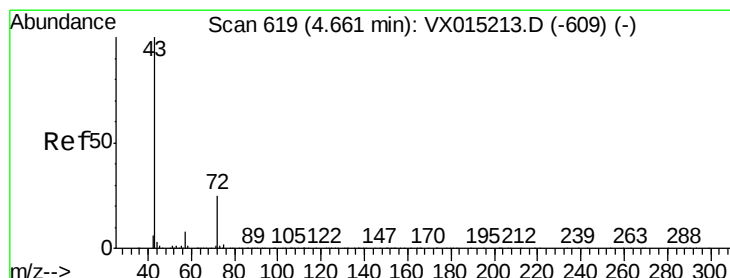
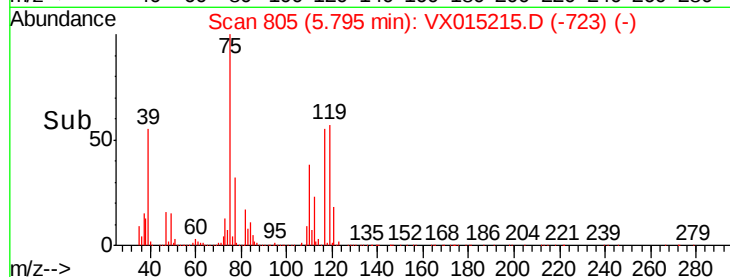
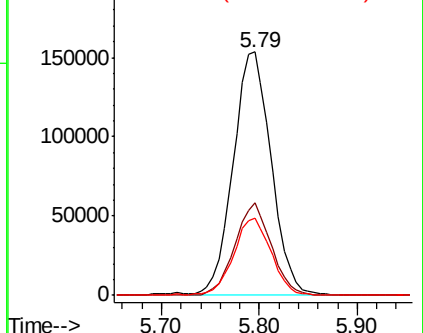
77 30.8 0.0 61.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 505.313 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

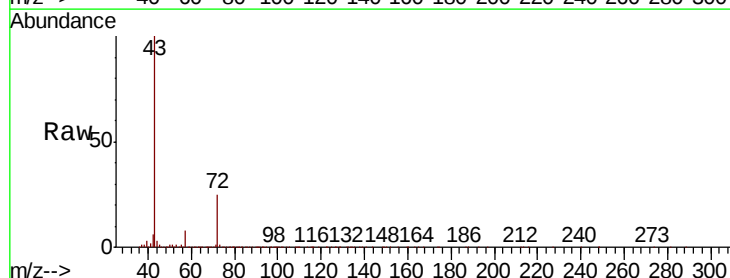
Tgt Ion: 43 Resp: 1111072

Ion Ratio Lower Upper

43 100

57 7.6 6.0 9.0

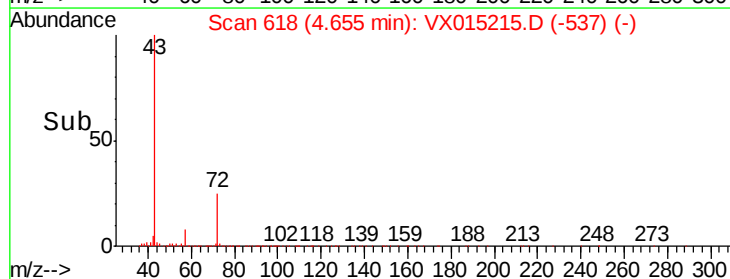
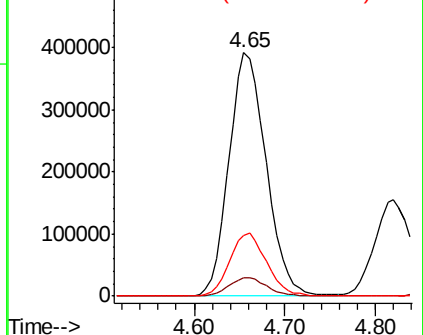
72 25.5 20.2 30.4

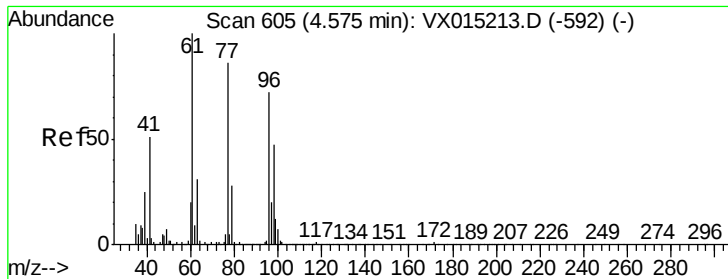


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 90.899 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

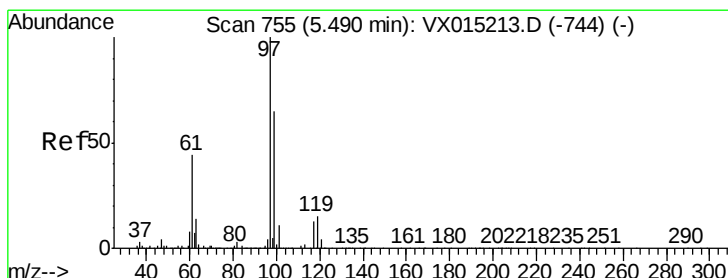
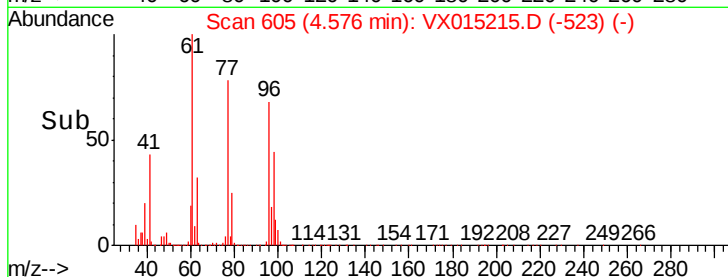
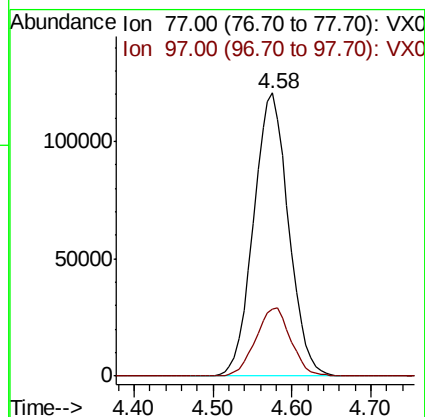
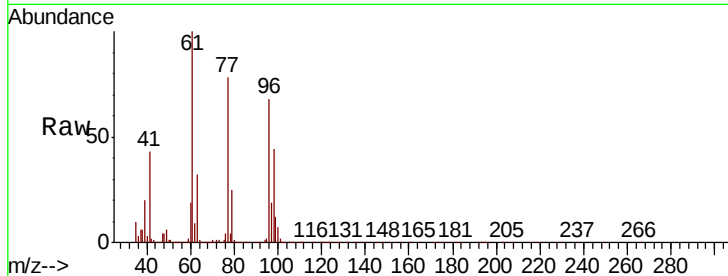
ClientSampled :

Tot Ion: 77 Resp: 370921

Ion Ratio Lower Upper

77 100

97 24.4 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 102.478 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

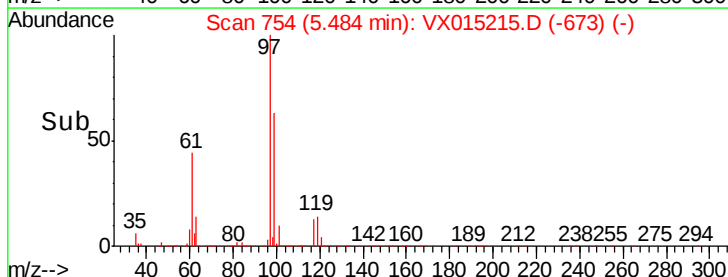
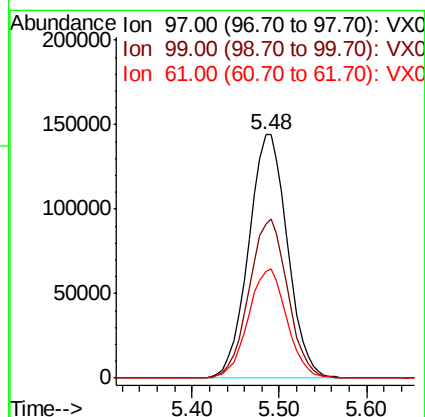
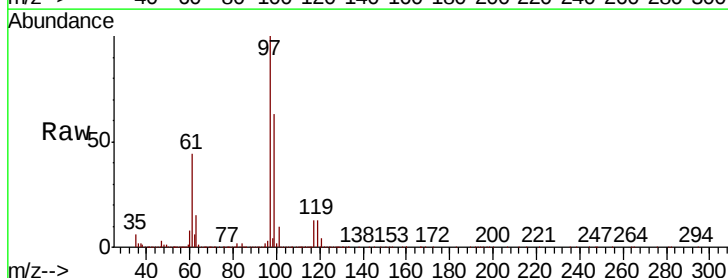
Tgt Ion: 97 Resp: 445964

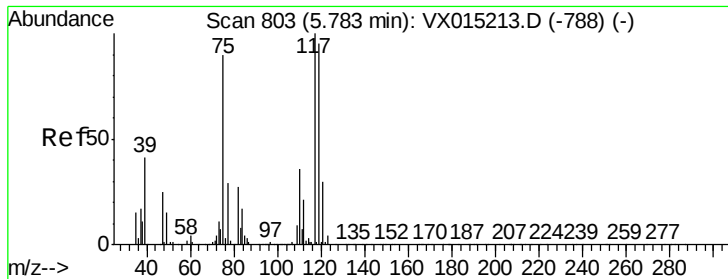
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

61 44.3 36.1 54.1





#33

Carbon Tetrachloride

Concen: 103.518 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

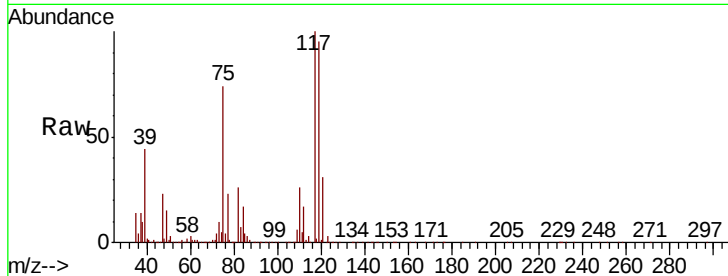
Tot Ion:117 Resp: 393438

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.2

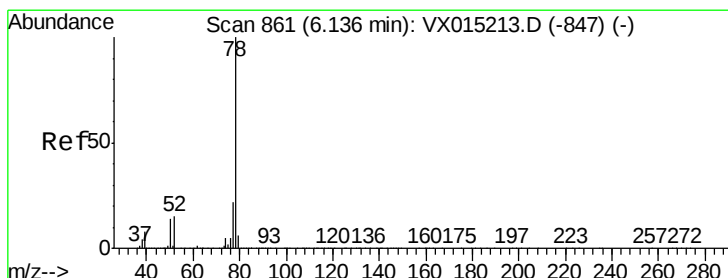
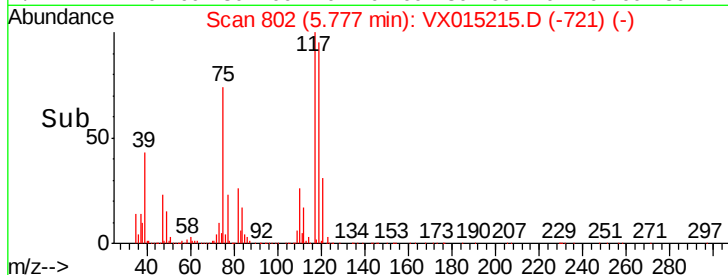
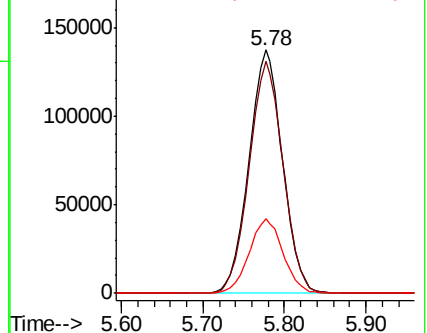
121 30.8 24.2 36.4



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: 107.390 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

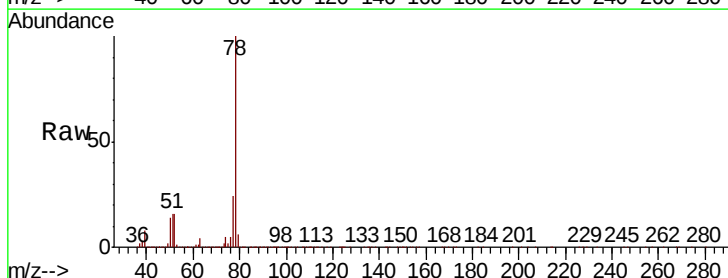
Tgt Ion: 78 Resp: 1260381

Ion Ratio Lower Upper

78 100

77 24.0 17.9 26.9

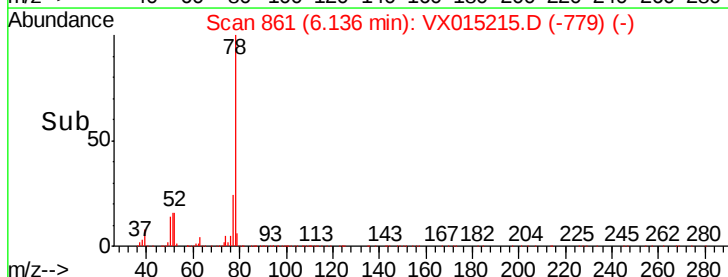
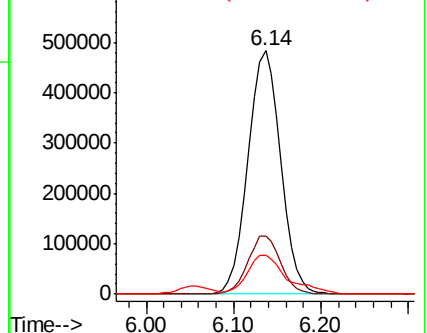
51 15.7 13.4 20.0

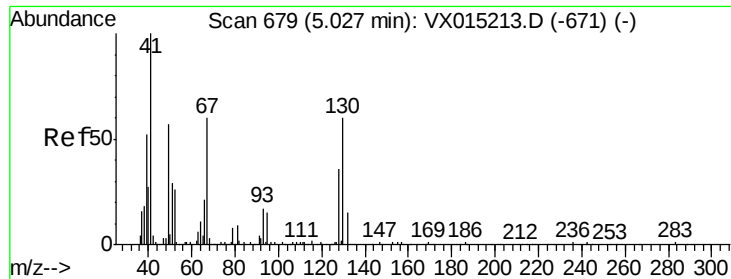


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

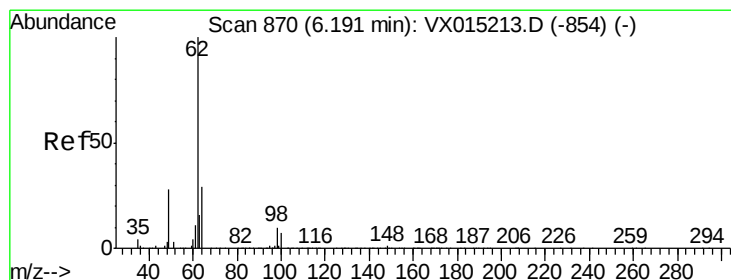
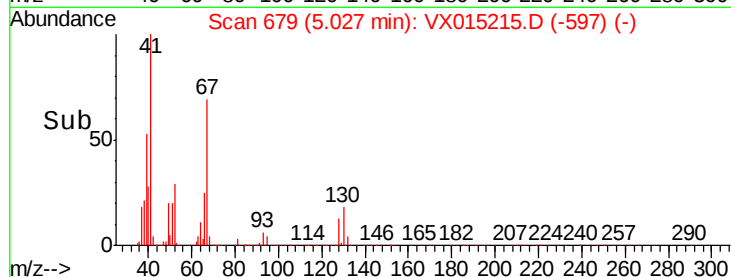
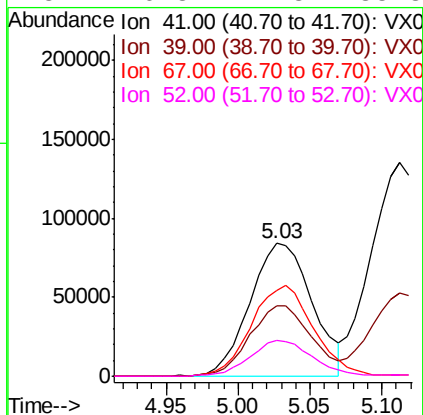
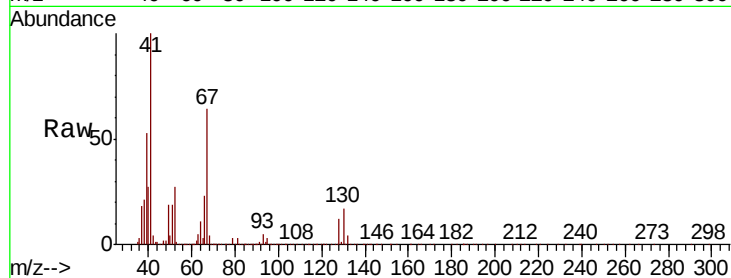




#35
Methacrylonitrile
Concen: 109.528 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

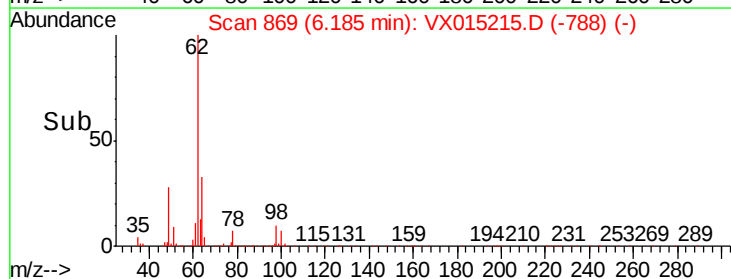
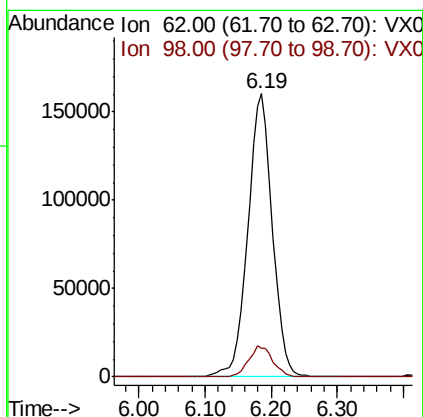
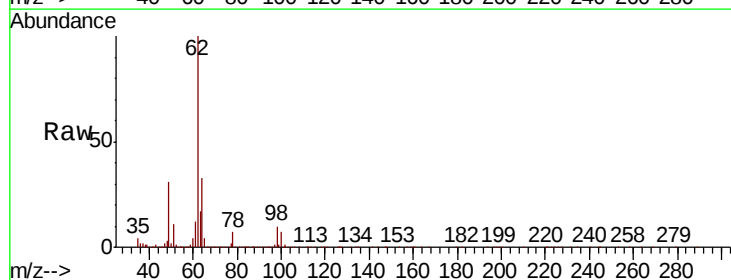
Instrument :
MSVOA_X
ClientSampled :

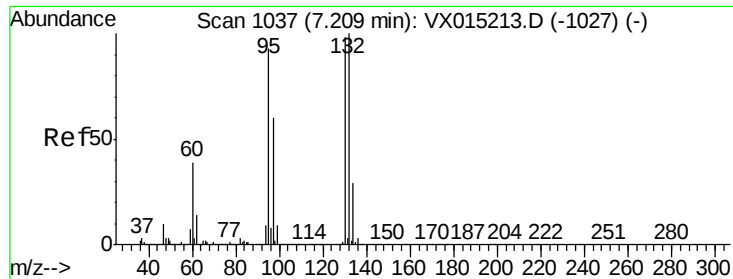
Tot Ion:	41	Resp:	251033
Ion	Ratio	Lower	Upper
41	100		
39	52.4	25.9	77.6
67	64.3	29.4	88.2
52	26.8	12.8	38.3



#36
1,2-Dichloroethane
Concen: 101.608 ug/l
RT: 6.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion:	62	Resp:	414881
Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.6	13.0

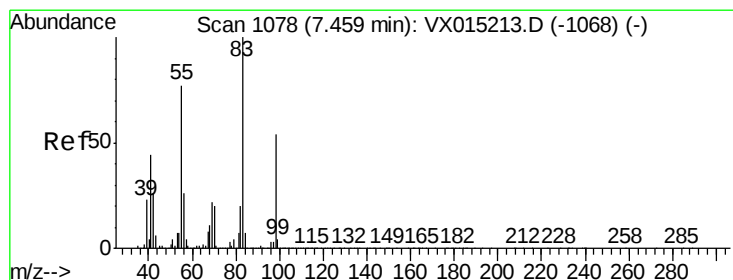
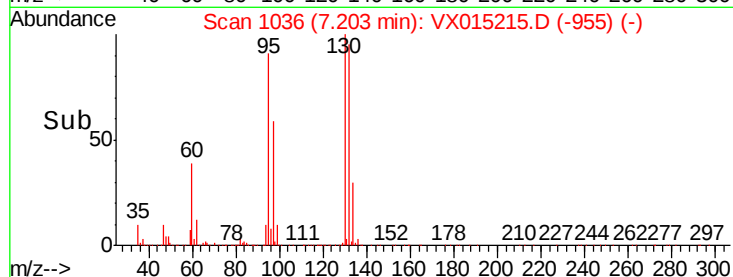
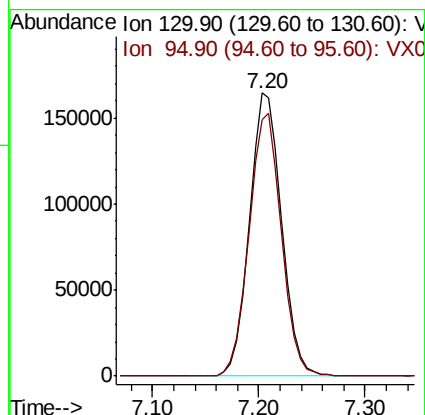
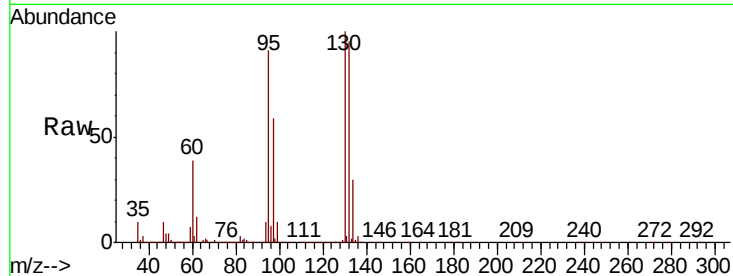




#37
 Trichloroethene
 Concen: 105.744 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

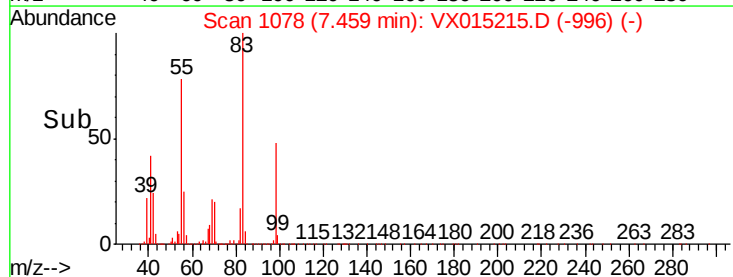
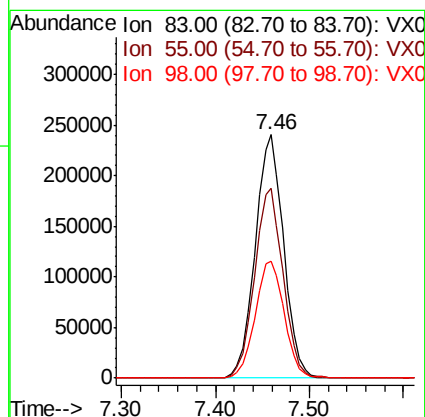
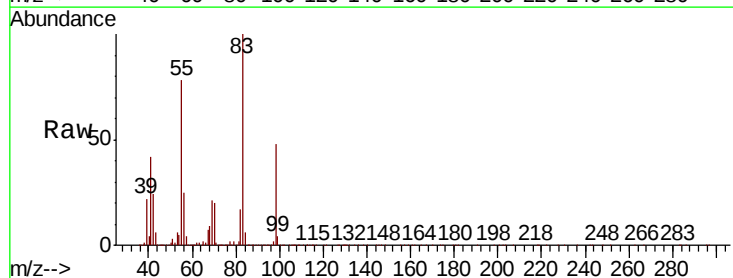
Instrument :
 MSVOA_X
 ClientSampleId :

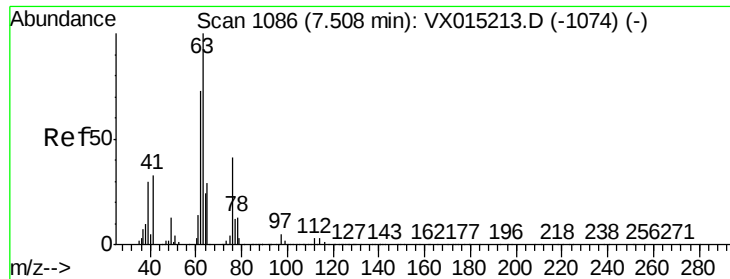
Tot Ion:130 Resp: 348846
 Ion Ratio Lower Upper
 130 100
 95 90.7 75.4 113.2



#38
 Methylcyclohexane
 Concen: 107.280 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion: 83 Resp: 509465
 Ion Ratio Lower Upper
 83 100
 55 78.0 39.9 119.6
 98 49.4 24.8 74.3





#39

1,2-Dichloropropane

Concen: 107.244 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

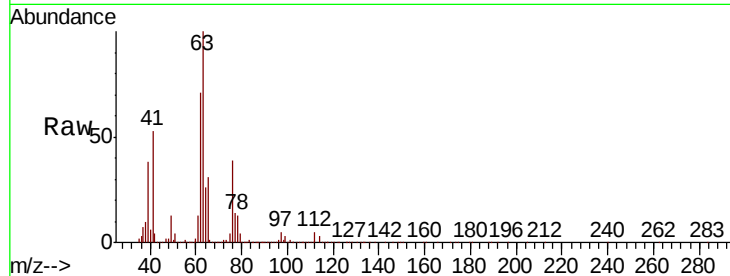
ClientSampleId :

Tot Ion: 63 Resp: 325864

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.51

150000

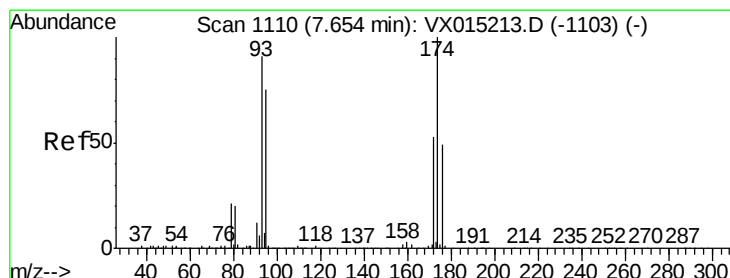
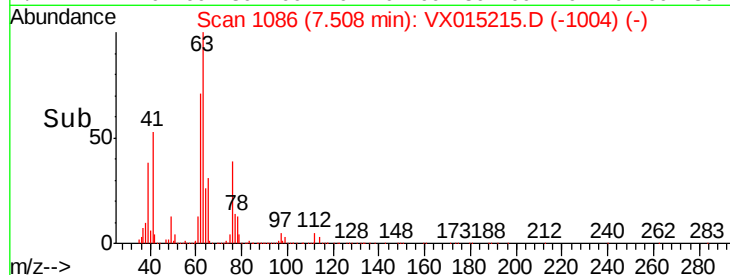
100000

50000

0

7.45 7.50 7.55

Time-->



#40

Dibromomethane

Concen: 106.014 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

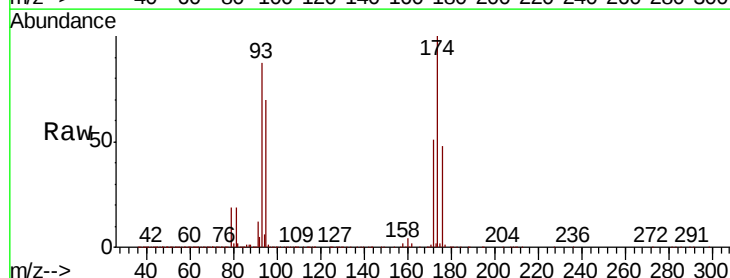
Tgt Ion: 93 Resp: 212799

Ion Ratio Lower Upper

93 100

95 82.3 0.0 159.6

174 114.7 0.0 225.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

150000

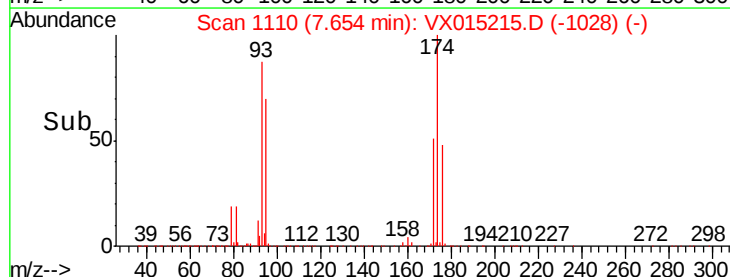
100000

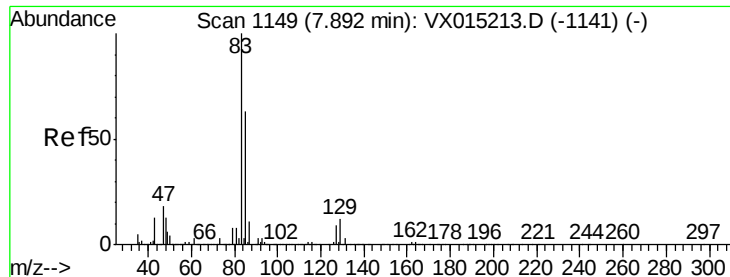
50000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#41

Bromodichloromethane

Concen: 108.138 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

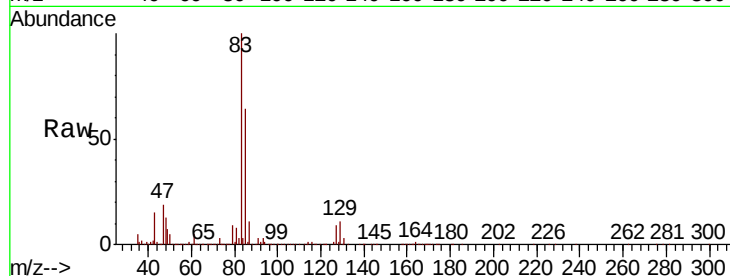
Tot Ion: 83 Resp: 424784

Ion Ratio Lower Upper

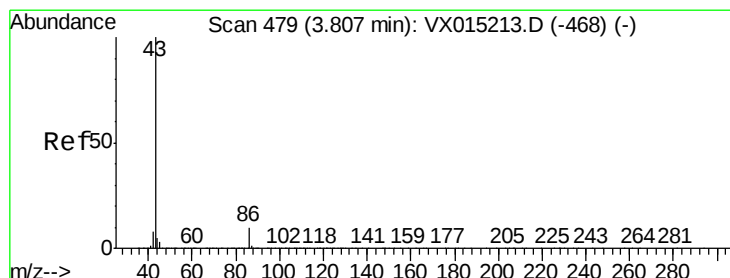
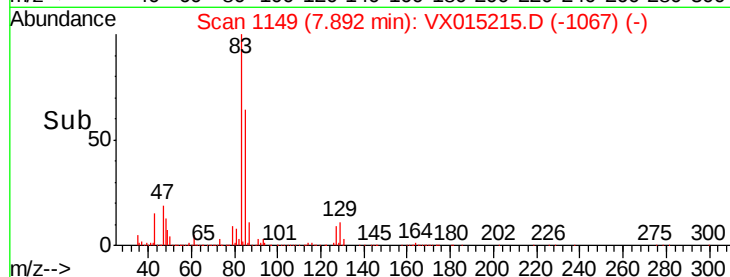
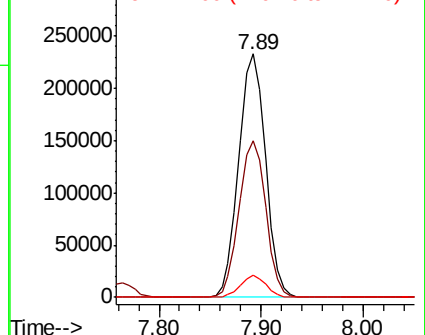
83 100

85 64.3 50.0 75.0

127 9.1 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: 564.175 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015215.D

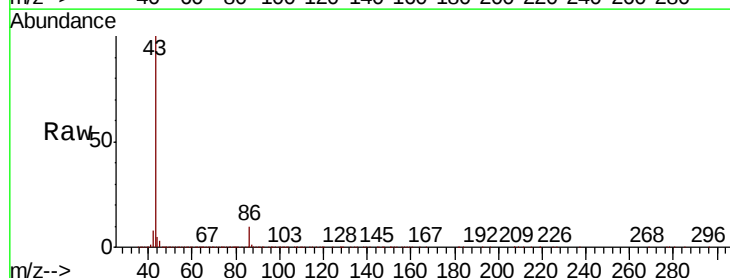
Acq: 11 Mar 2020 21:26

Tgt Ion: 43 Resp: 4476709

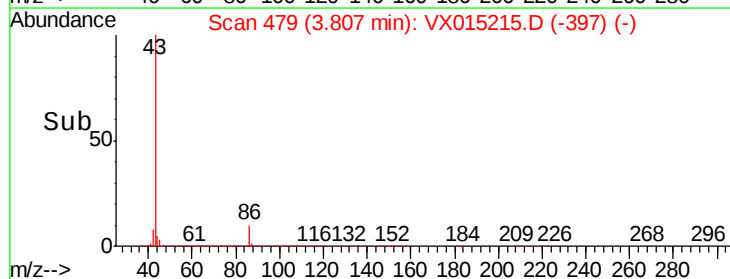
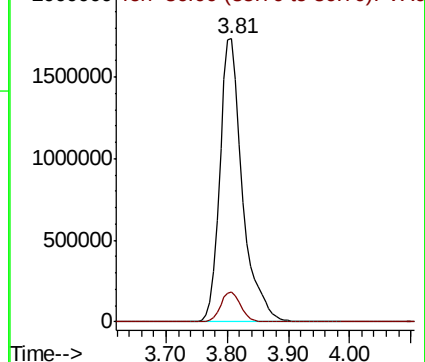
Ion Ratio Lower Upper

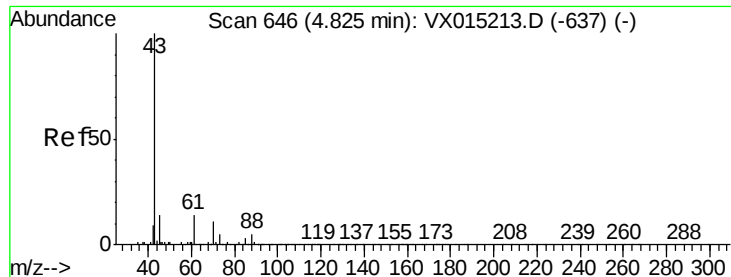
43 100

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

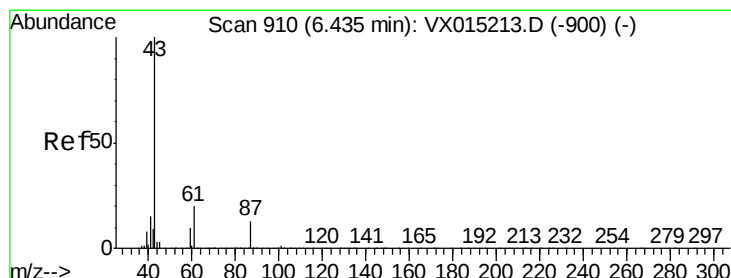
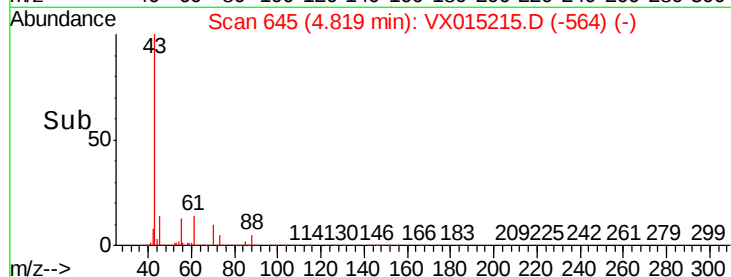
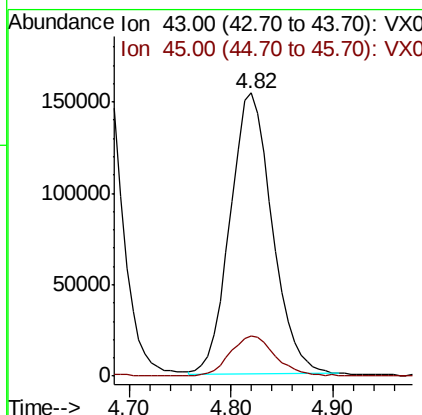
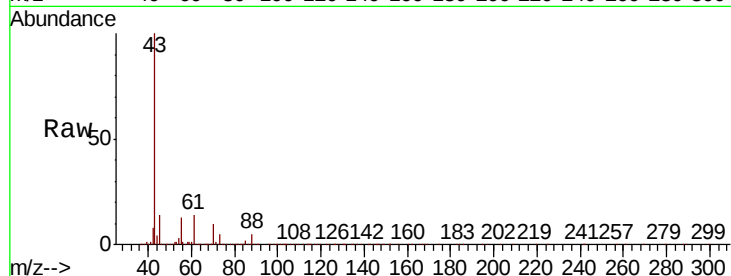




#43
Ethyl Acetate
Concen: 107.021 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

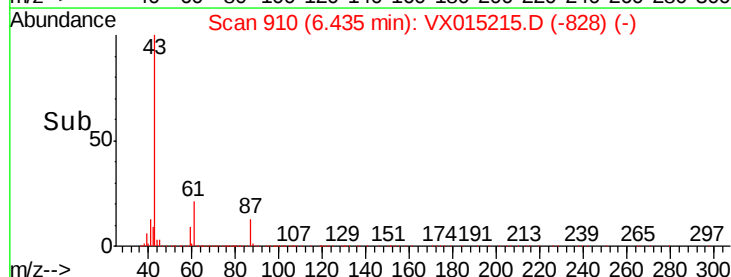
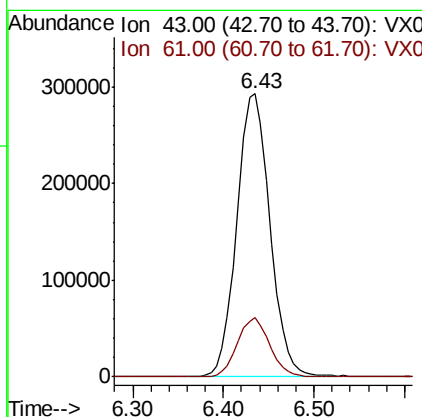
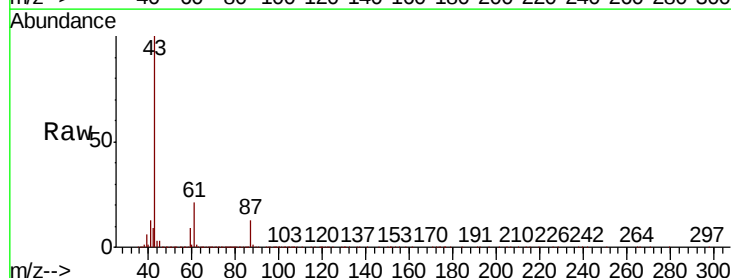
Instrument :
MSVOA_X
ClientSampleId :

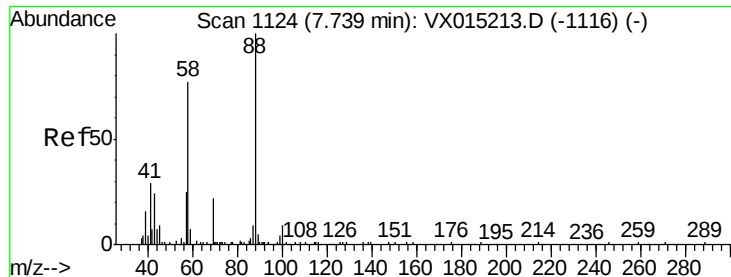
Tot Ion: 43 Resp: 438502
Ion Ratio Lower Upper
43 100
45 15.0 0.1 0.1#



#44
Isopropyl Acetate
Concen: 109.014 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 43 Resp: 739261
Ion Ratio Lower Upper
43 100
61 20.6 16.7 25.1





#45

1,4-Dioxane

Concen: 2458.449 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

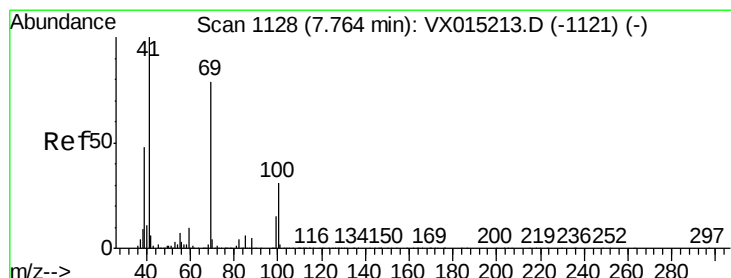
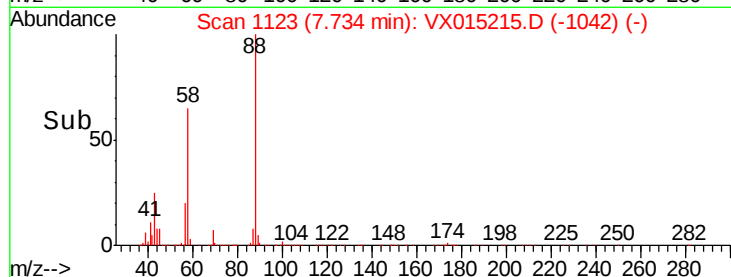
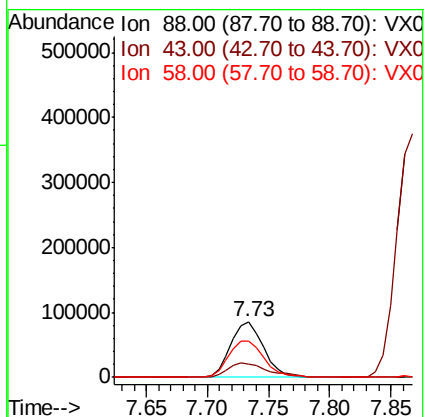
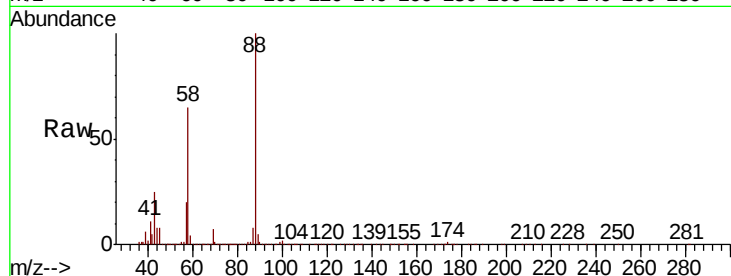
Tot Ion: 88 Resp: 158738

Ion Ratio Lower Upper

88 100

43 31.6 24.8 37.2

58 71.0 59.7 89.5



#46

Methyl methacrylate

Concen: 110.201 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

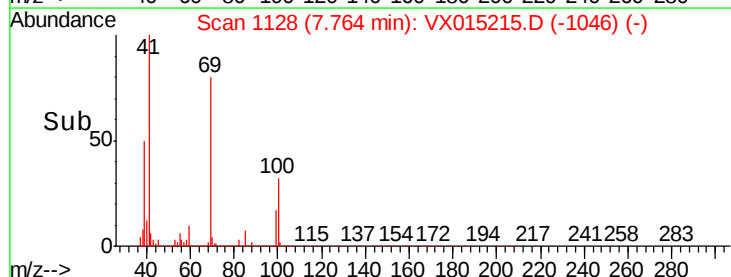
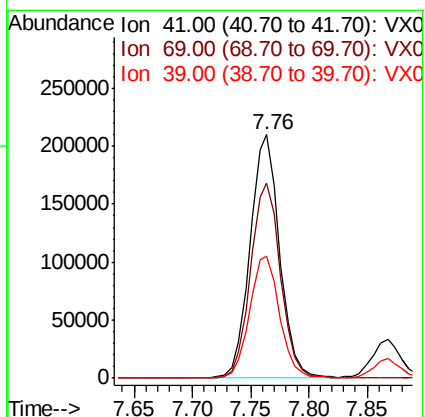
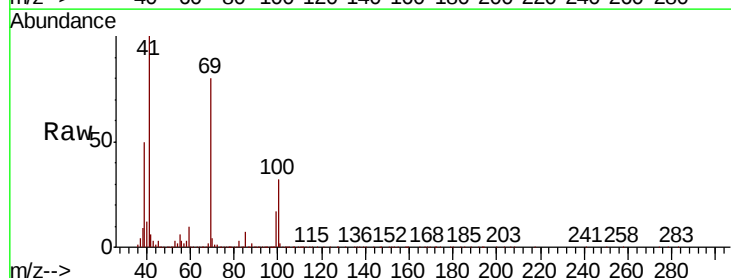
Tgt Ion: 41 Resp: 370750

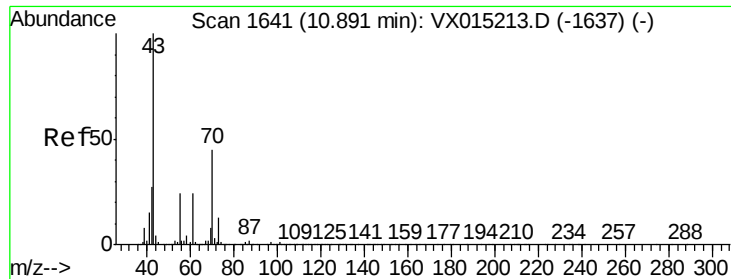
Ion Ratio Lower Upper

41 100

69 80.0 39.6 118.7

39 50.0 23.5 70.6





#47

n-amvl Acetate

Concen: 116.078 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

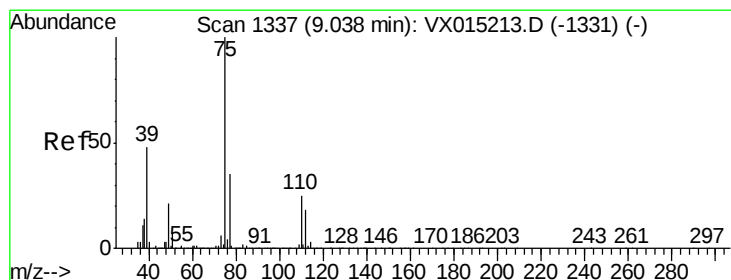
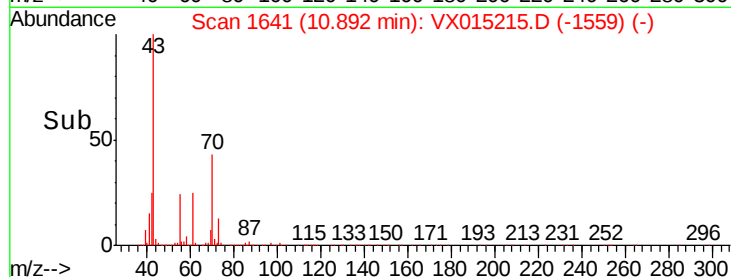
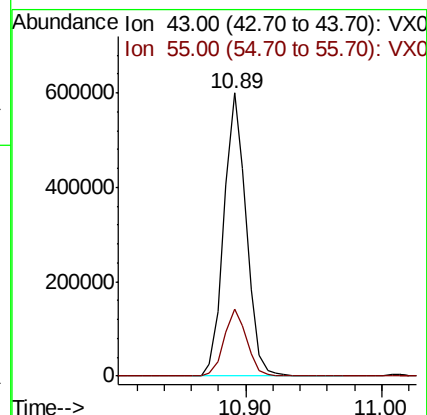
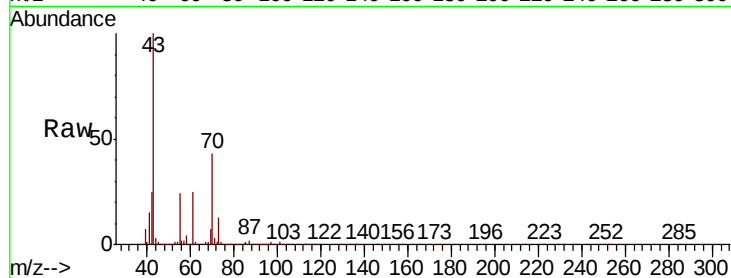
ClientSampleId :

Tot Ion: 43 Resp: 680184

Ion Ratio Lower Upper

43 100

55 24.0 20.2 30.2



#48

t-1,3-Dichloropropene

Concen: 107.676 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015215.D

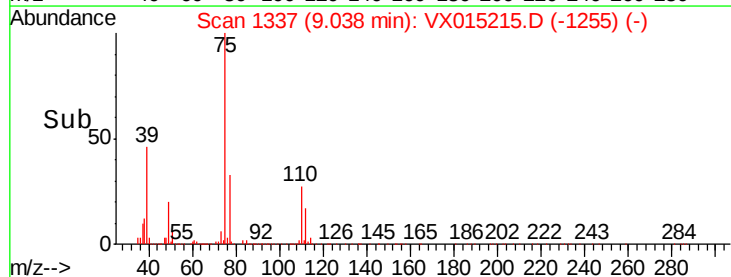
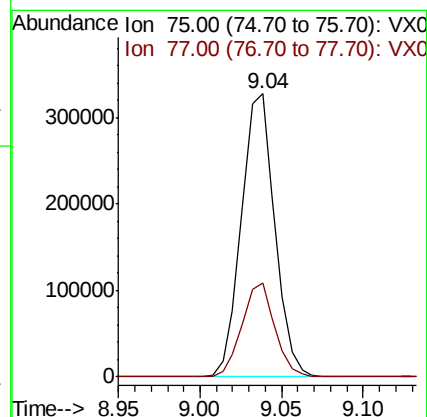
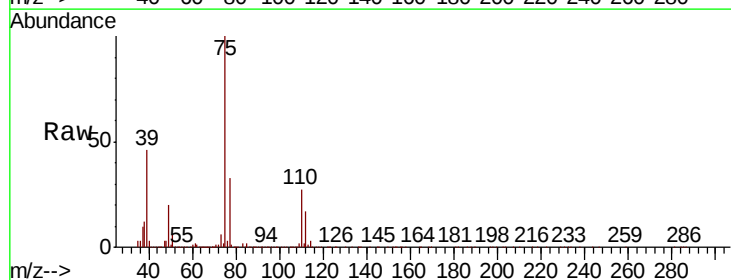
Acq: 11 Mar 2020 21:26

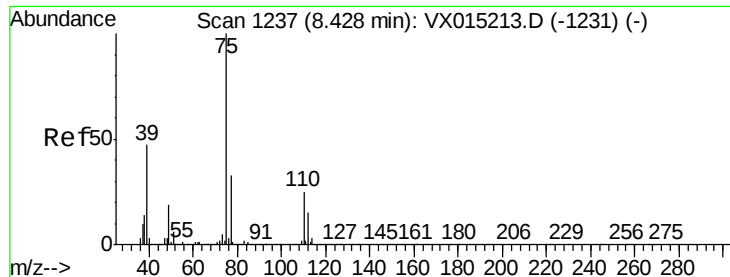
Tgt Ion: 75 Resp: 468567

Ion Ratio Lower Upper

75 100

77 33.0 27.7 41.5



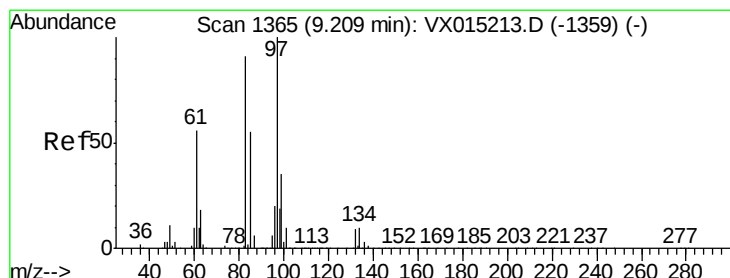
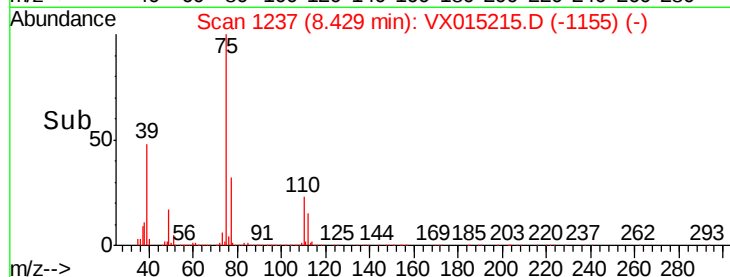
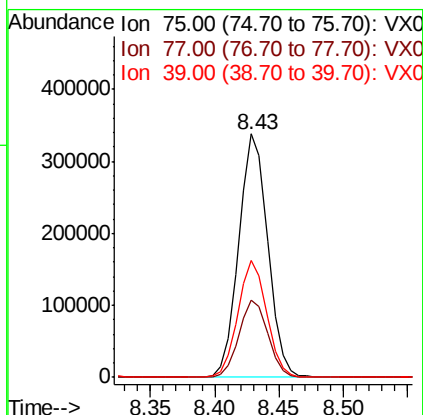
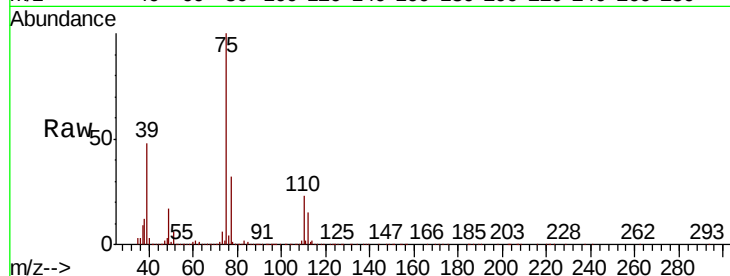


#49

cis-1,3-Dichloropropene
 Concen: 109.368 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Instrument :
 MSVOA_X
 ClientSampleId :

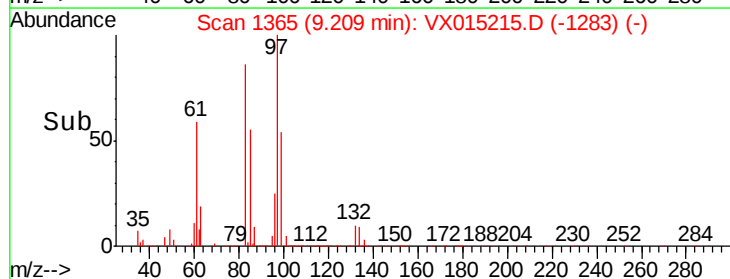
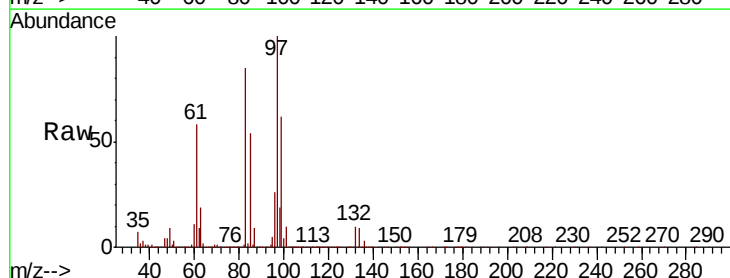
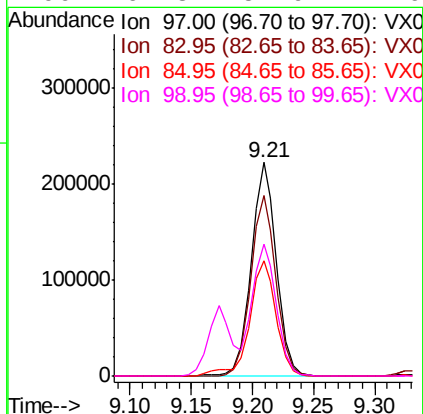
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.5	39.7
39	47.9	37.4	56.2

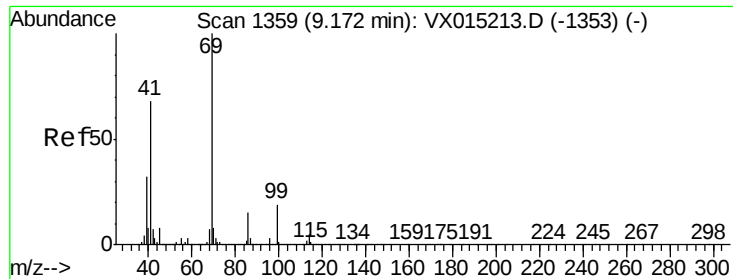


#50

1,1,2-Trichloroethane
 Concen: 106.147 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	72.4	108.6
85	53.9	46.6	69.8
99	61.8	51.9	77.9





#51

Ethyl methacrylate

Concen: 112.566 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampled :

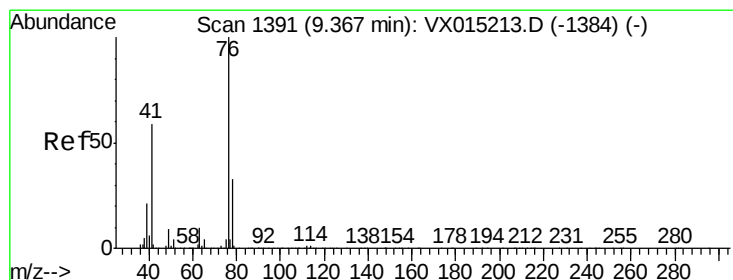
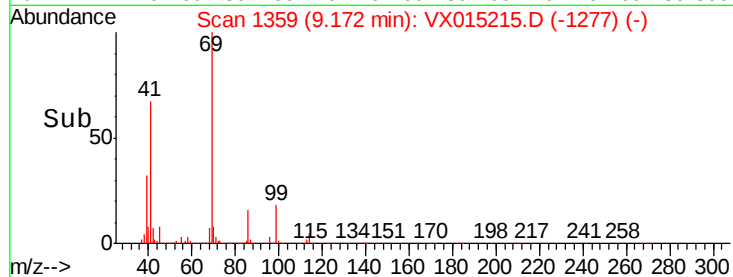
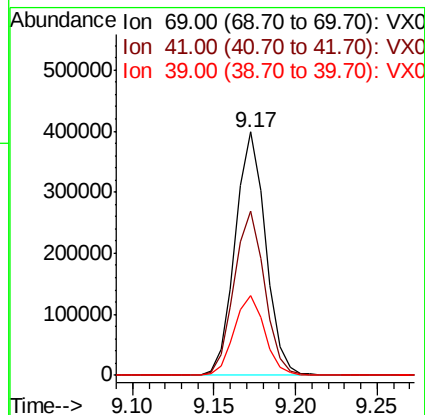
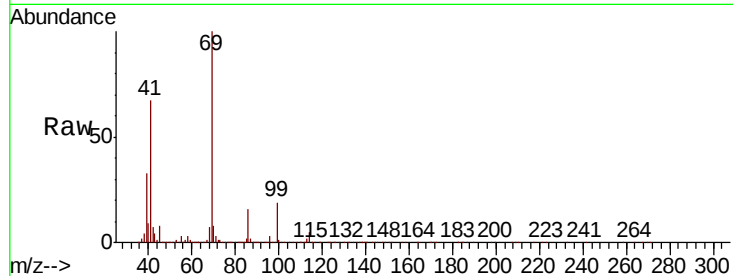
Tot Ion: 69 Resp: 518899

Ion Ratio Lower Upper

69 100

41 67.3 33.8 101.3

39 32.4 16.1 48.2



#52

1,3-Dichloropropane

Concen: 106.259 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015215.D

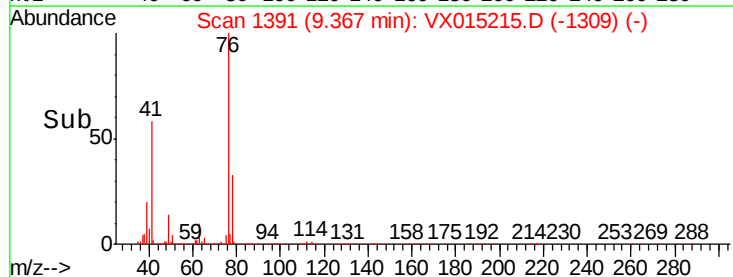
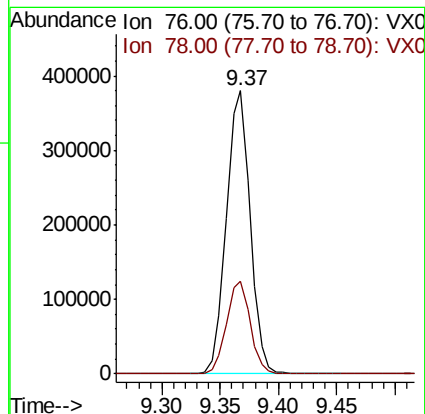
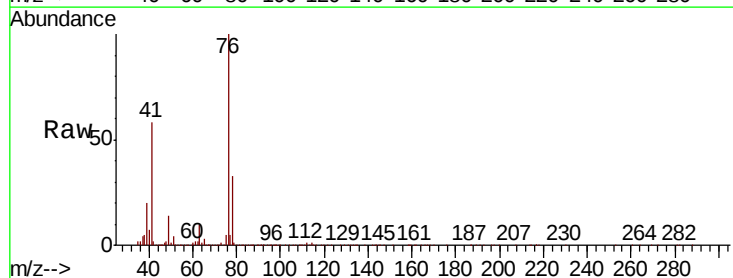
Acq: 11 Mar 2020 21:26

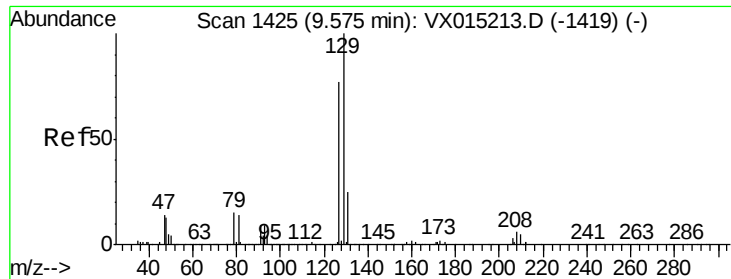
Tgt Ion: 76 Resp: 537593

Ion Ratio Lower Upper

76 100

78 32.6 0.0 65.0





#53

Dibromochloromethane

Concen: 109.271 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

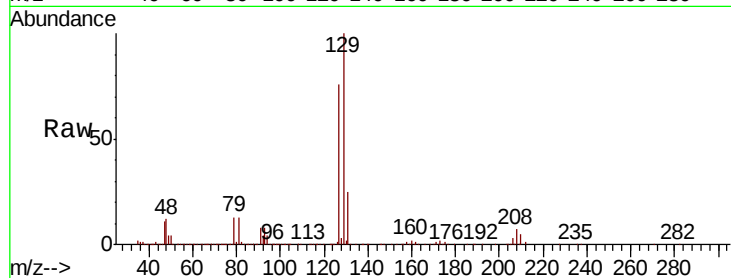
ClientSampled :

Tot Ion:129 Resp: 349760

Ion Ratio Lower Upper

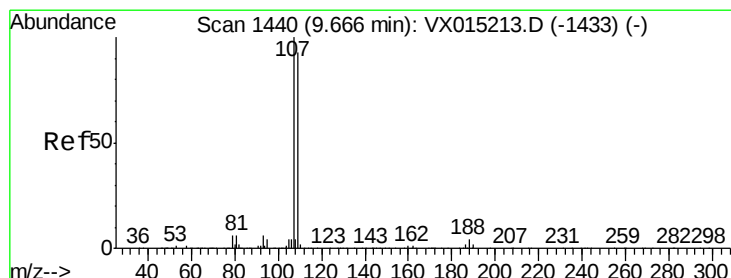
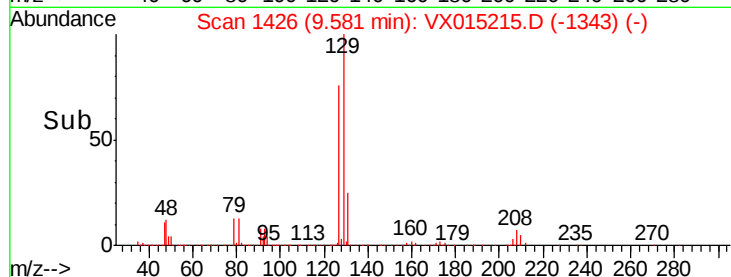
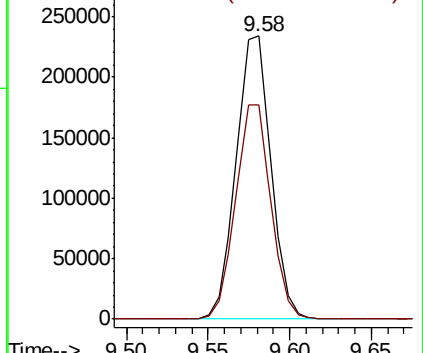
129 100

127 76.3 38.6 115.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 104.808 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015215.D

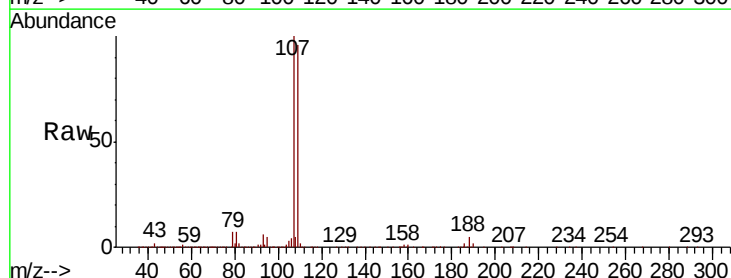
Acq: 11 Mar 2020 21:26

Tgt Ion:107 Resp: 331895

Ion Ratio Lower Upper

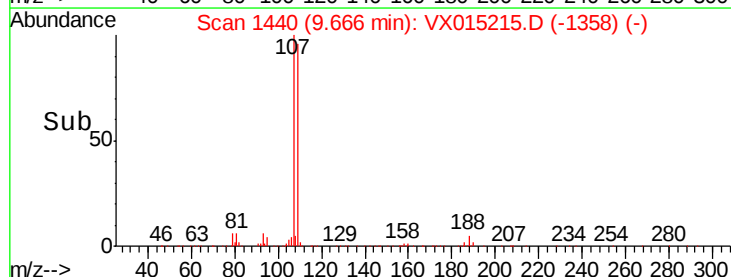
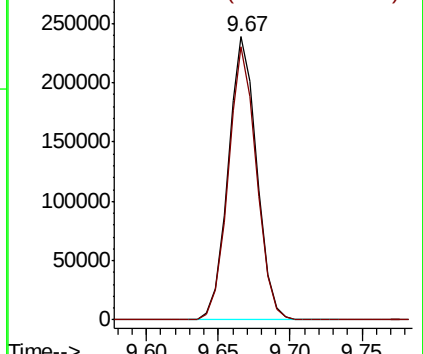
107 100

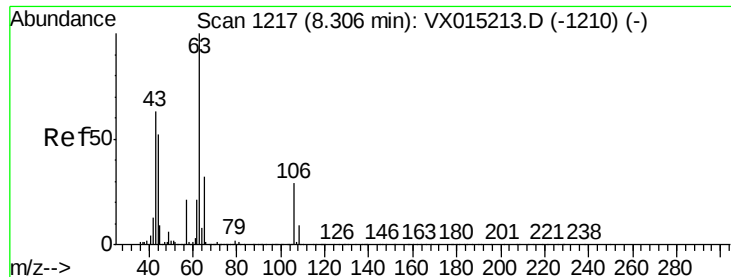
109 94.9 75.4 113.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 528.898 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

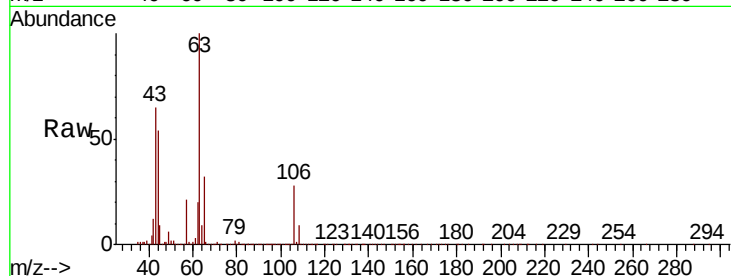
Tot Ion: 63 Resp: 1289624

Ion Ratio Lower Upper

63 100

65 32.2 25.9 38.9

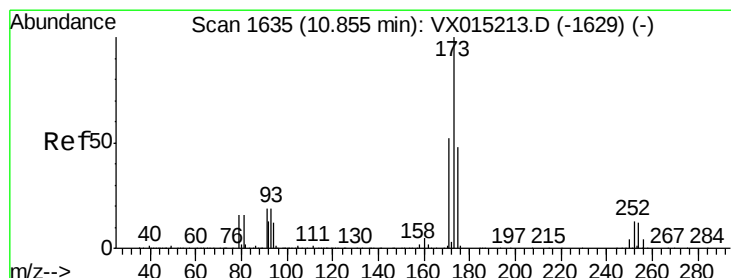
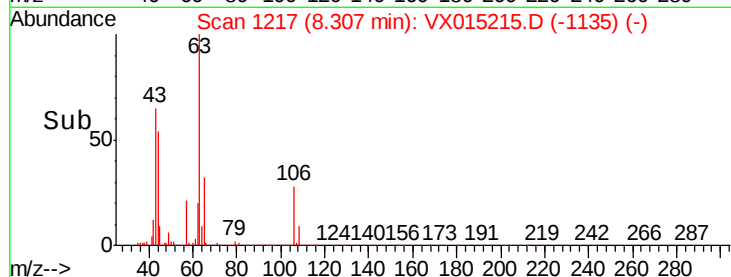
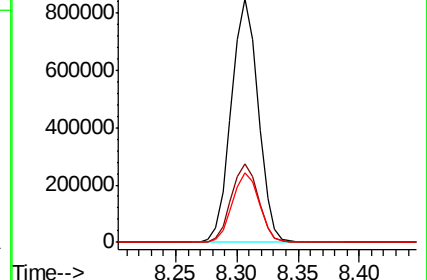
106 28.6 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VX015213.D (-1210) (-)

Ion 65.00 (64.70 to 65.70): VX015213.D (-1210) (-)

Ion 106.00 (105.70 to 106.70): VX015213.D (-1210) (-)



#56

Bromoform

Concen: 111.302 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

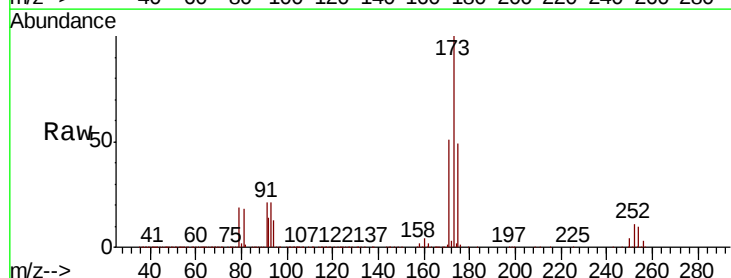
Tgt Ion: 173 Resp: 277525

Ion Ratio Lower Upper

173 100

175 48.4 40.0 60.0

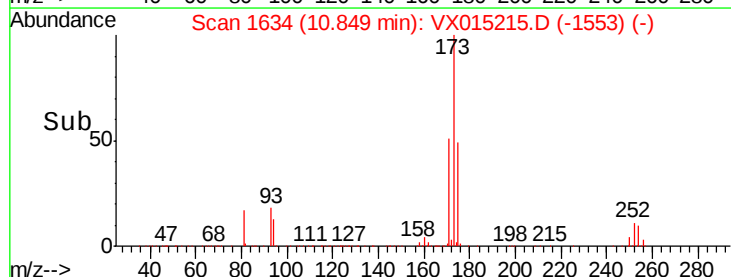
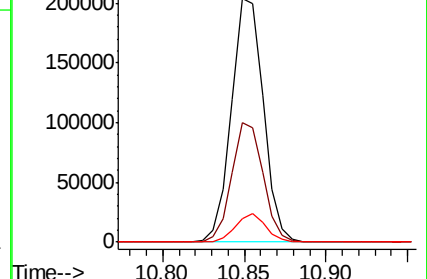
254 11.1 9.1 13.7

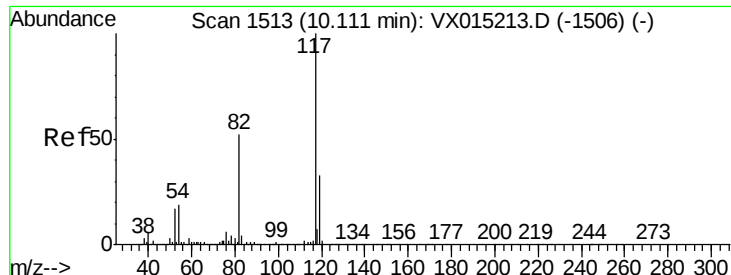


Abundance Ion 173.00 (172.70 to 173.70): VX015213.D (-1629) (-)

Ion 175.00 (174.70 to 175.70): VX015213.D (-1629) (-)

Ion 254.00 (253.70 to 254.70): VX015213.D (-1629) (-)

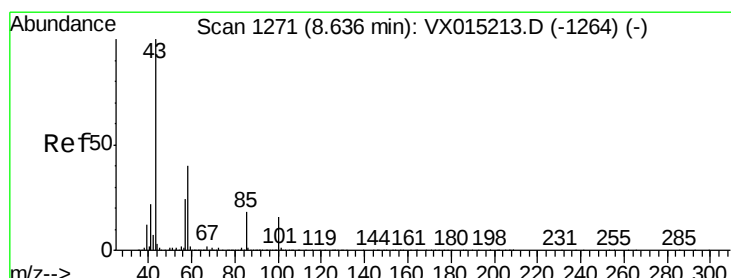
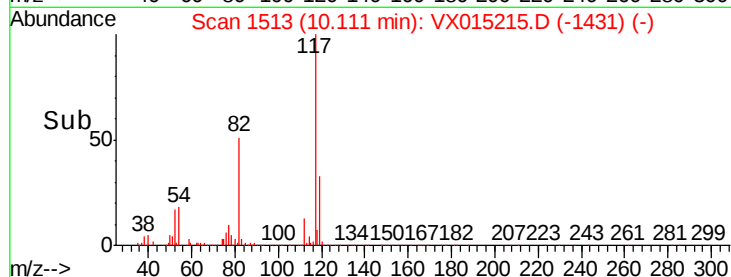
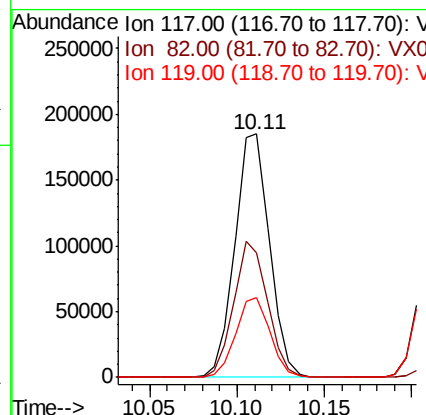
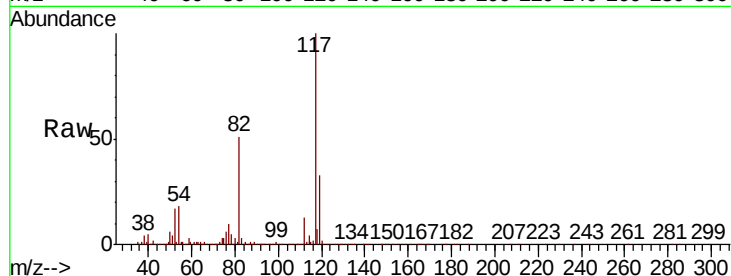




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

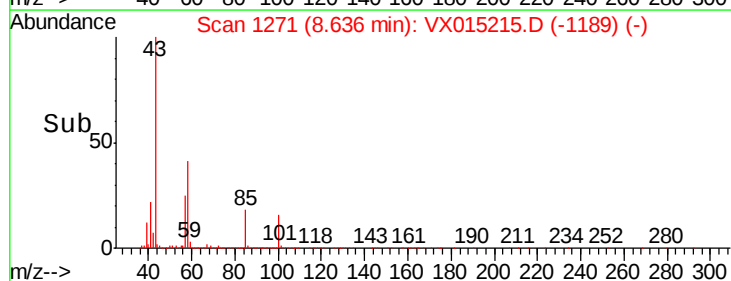
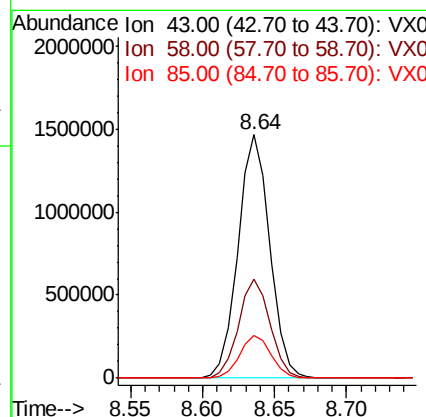
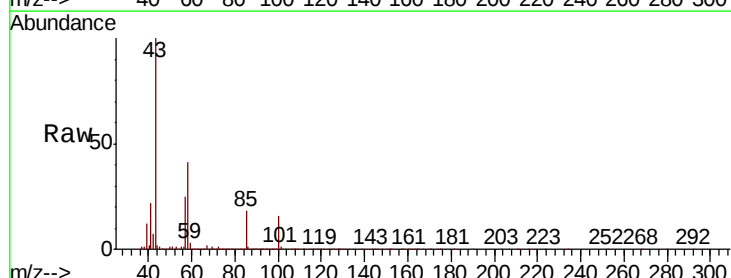
Instrument :
MSVOA_X
ClientSampled :

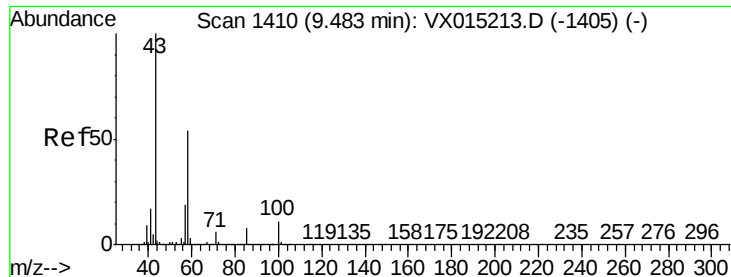
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.6	65.4
119	32.4	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 527.211 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.8	47.8
85	17.5	13.8	20.6

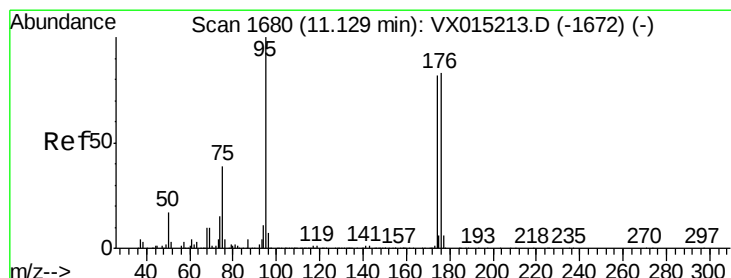
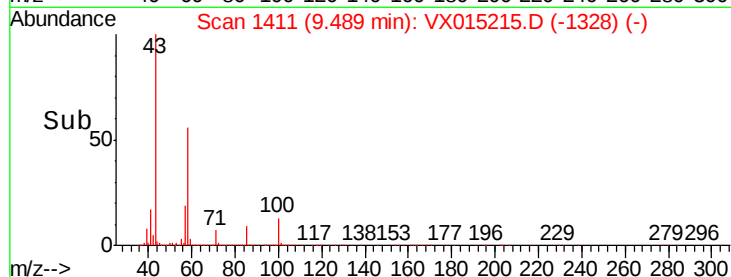
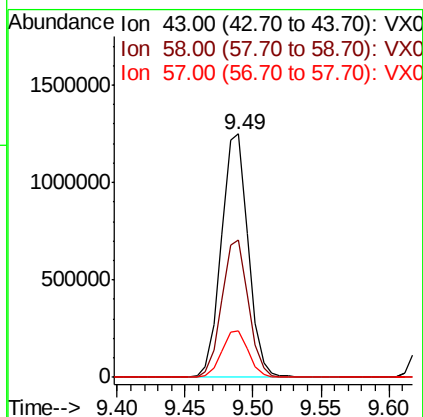
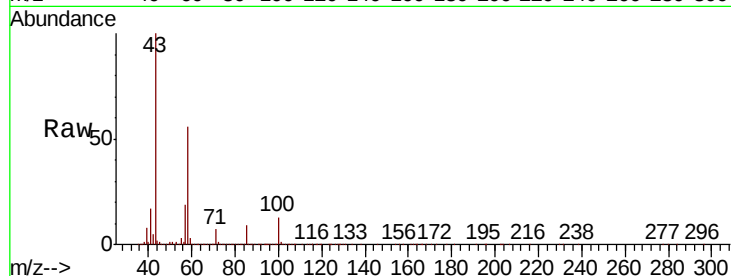




#59
2-Hexanone
Concen: 519.317 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

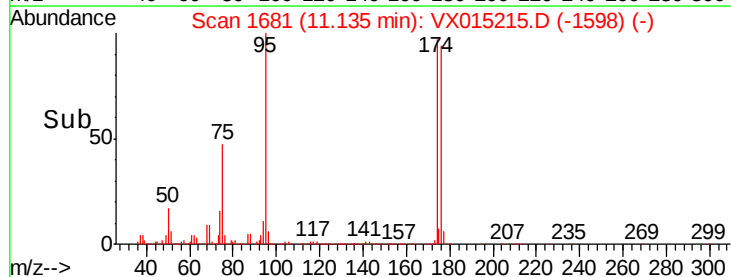
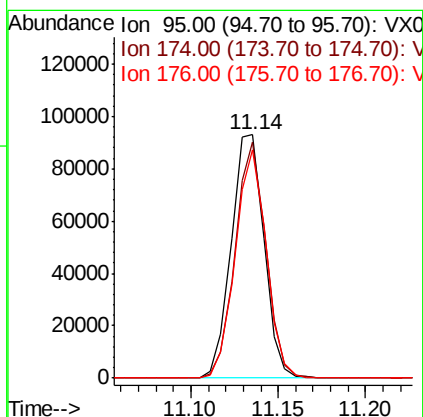
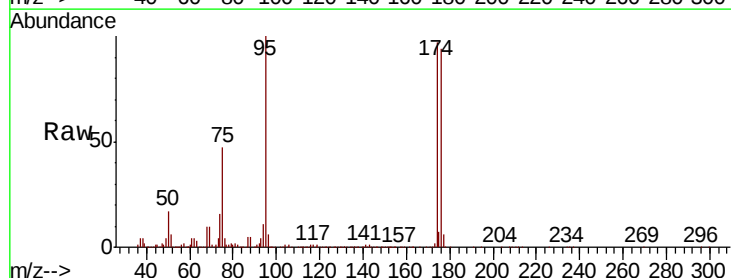
Instrument :
MSVOA_X
ClientSampleId :

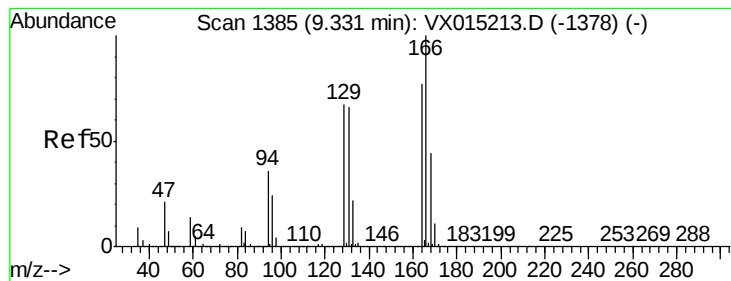
Tot Ion: 43 Resp: 1703302
Ion Ratio Lower Upper
43 100
58 56.2 44.2 66.4
57 18.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.774 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 95 Resp: 122018
Ion Ratio Lower Upper
95 100
174 90.3 71.9 107.9
176 87.2 71.1 106.7





#61

Tetrachloroethene

Concen: 99.812 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 345915

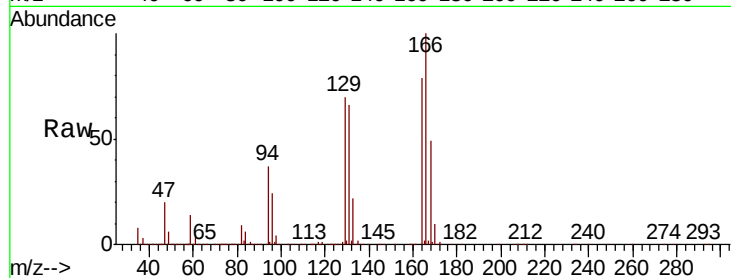
Ion Ratio Lower Upper

164 100

166 126.4 103.4 155.2

129 88.7 69.1 103.7

131 83.8 68.1 102.1

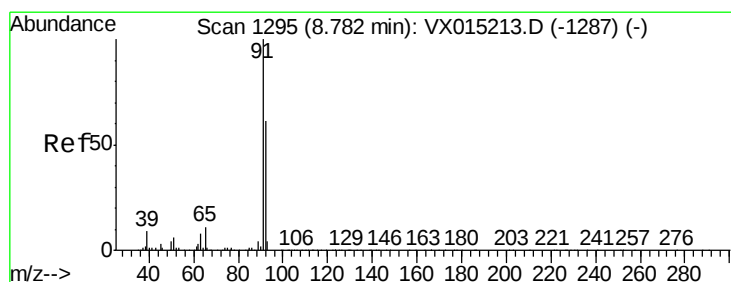
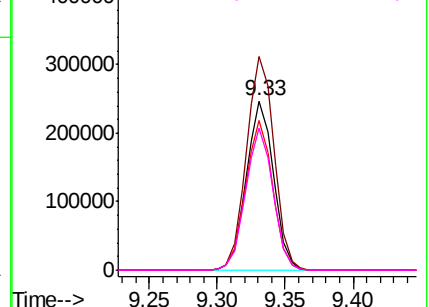
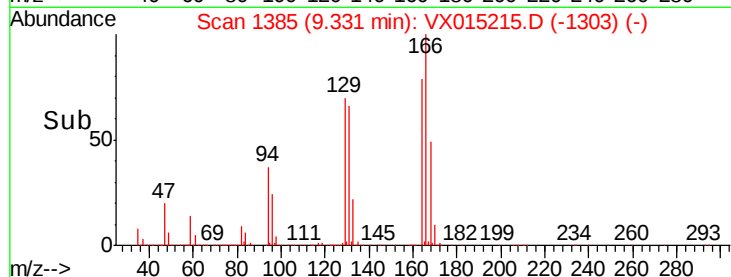


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 102.948 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015215.D

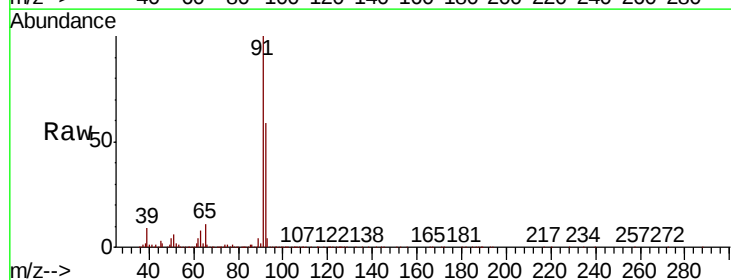
Acq: 11 Mar 2020 21:26

Tgt Ion: 91 Resp: 1356319

Ion Ratio Lower Upper

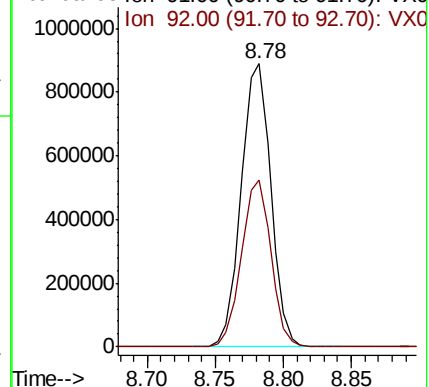
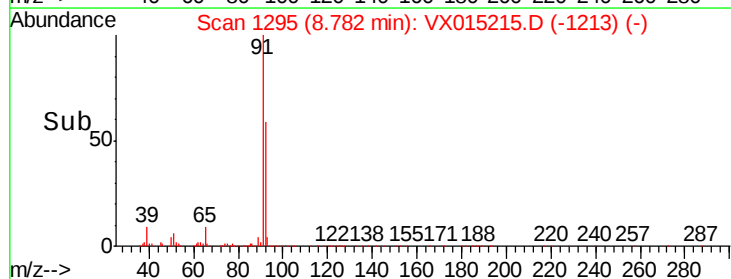
91 100

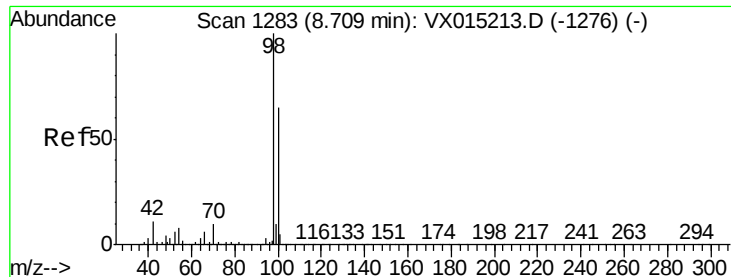
92 58.5 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.399 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

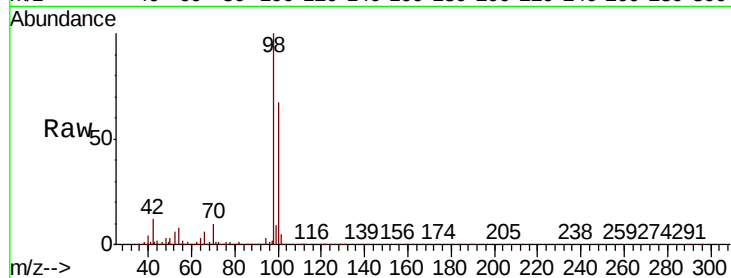
ClientSampleId :

Tot Ion: 98 Resp: 336808

Ion Ratio Lower Upper

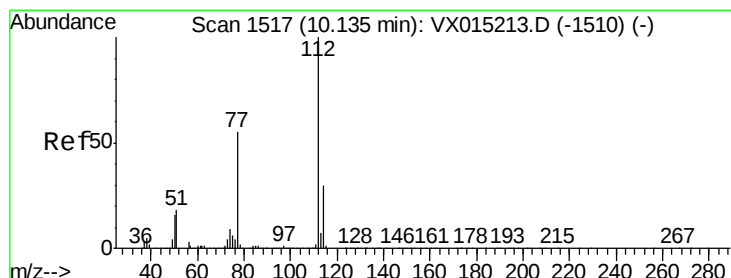
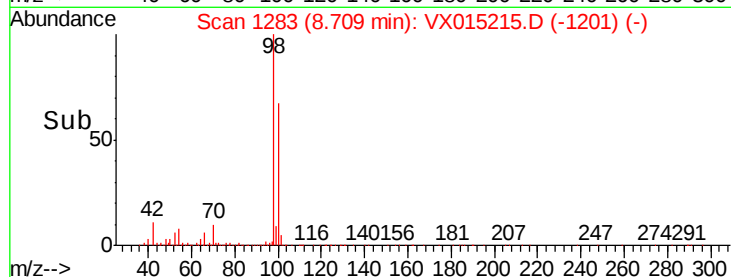
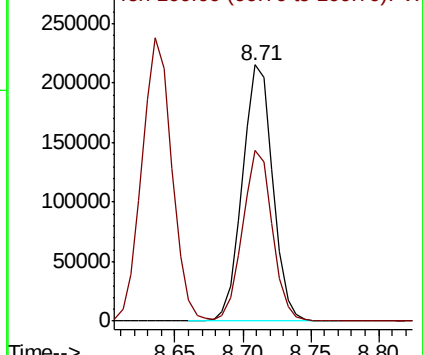
98 100

100 65.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 102.019 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015215.D

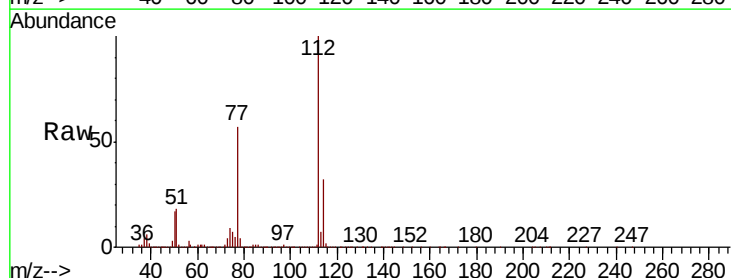
Acq: 11 Mar 2020 21:26

Tgt Ion: 112 Resp: 857209

Ion Ratio Lower Upper

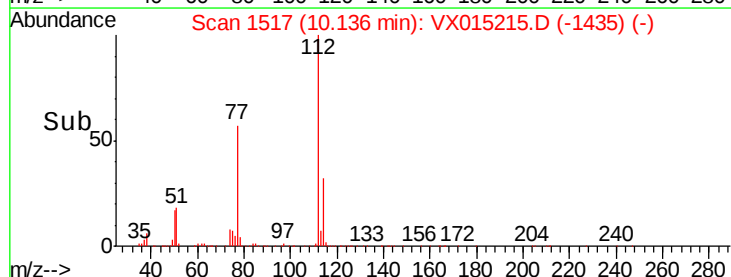
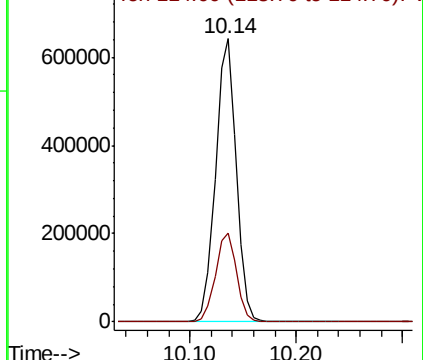
112 100

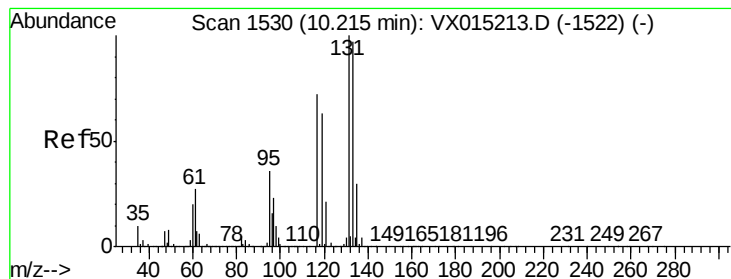
114 31.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 103.950 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

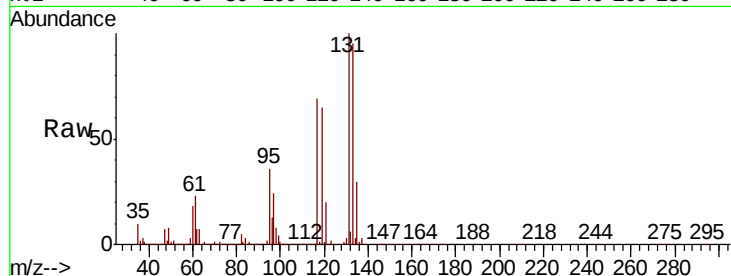
Tot Ion:131 Resp: 323036

Ion Ratio Lower Upper

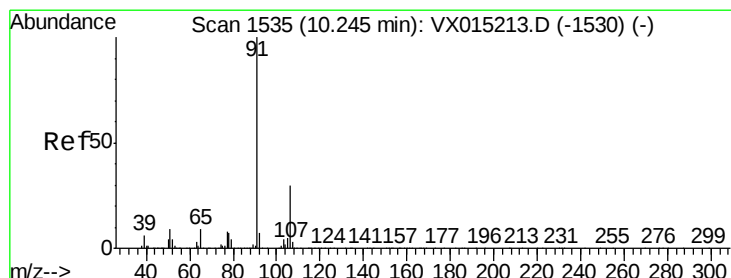
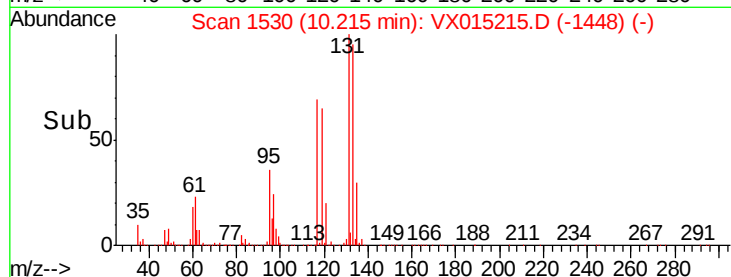
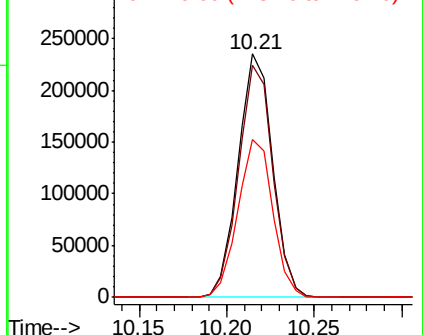
131 100

133 94.6 0.0 190.6

119 65.7 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: 105.637 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015215.D

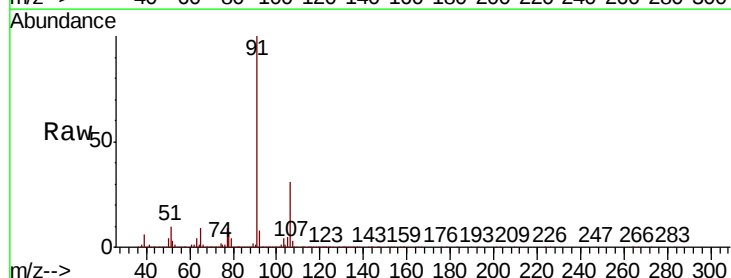
Acq: 11 Mar 2020 21:26

Tgt Ion: 91 Resp: 1528925

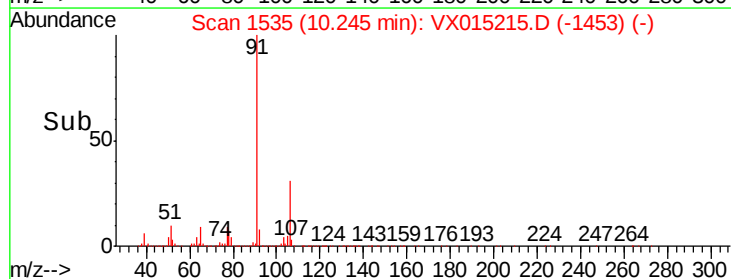
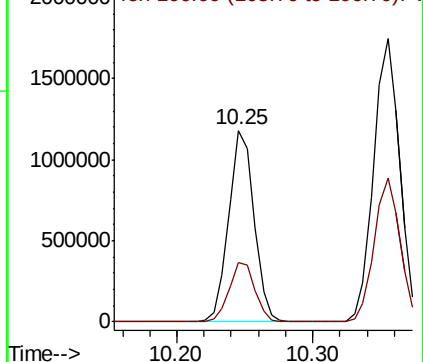
Ion Ratio Lower Upper

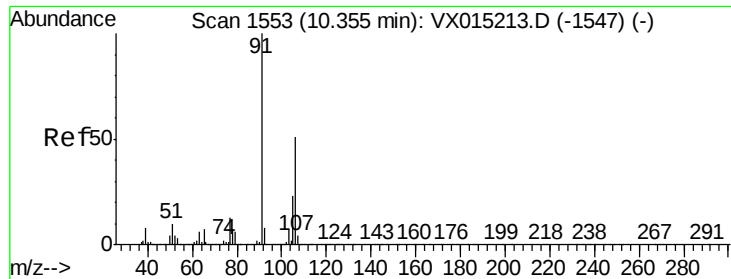
91 100

106 30.9 24.2 36.4



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

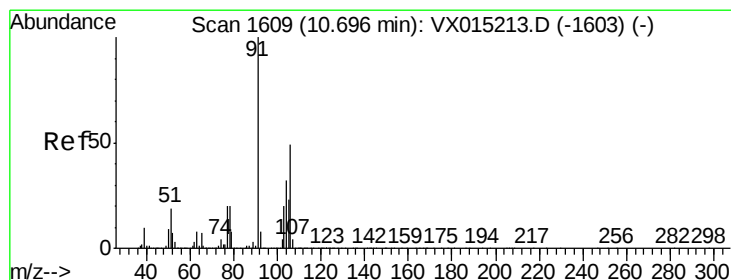
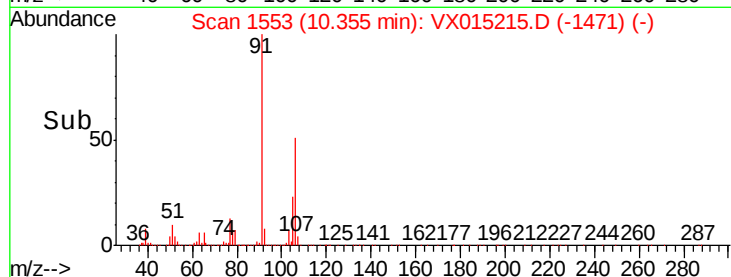
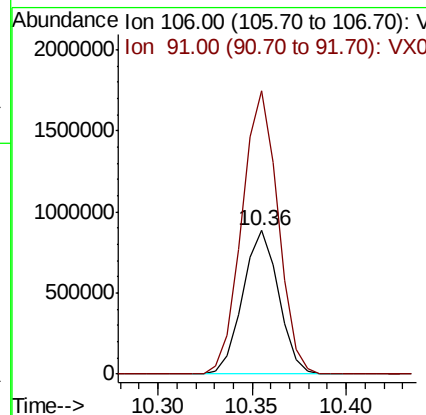
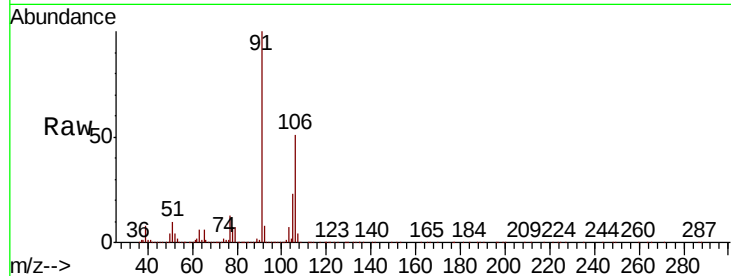




#67
m/p-Xylenes
Concen: 210.364 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

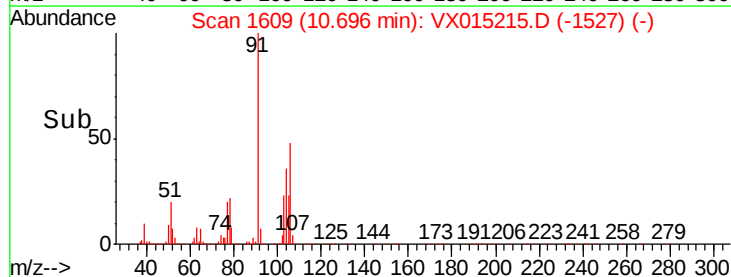
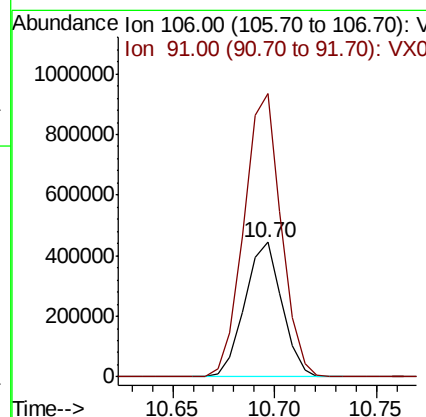
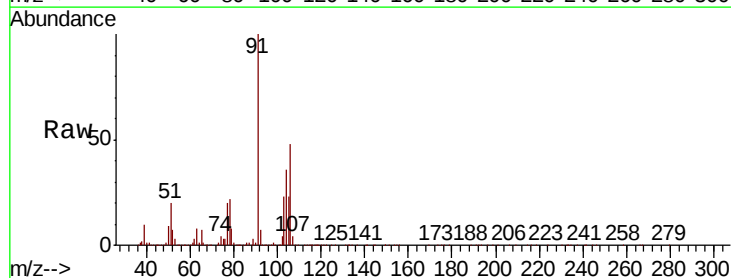
Instrument :
MSVOA_X
ClientSampleId :

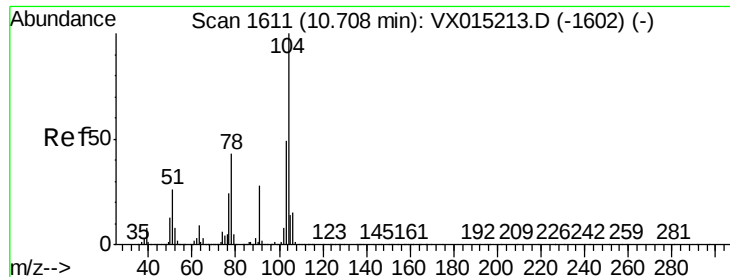
Tot Ion:106 Resp: 1174284
Ion Ratio Lower Upper
106 100
91 197.7 158.2 237.2



#68
o-Xylene
Concen: 103.830 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion:106 Resp: 560196
Ion Ratio Lower Upper
106 100
91 211.0 103.6 310.8

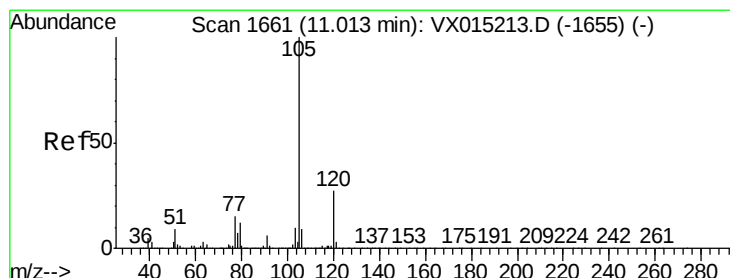
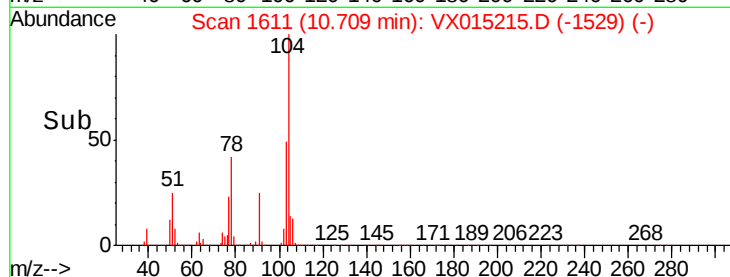
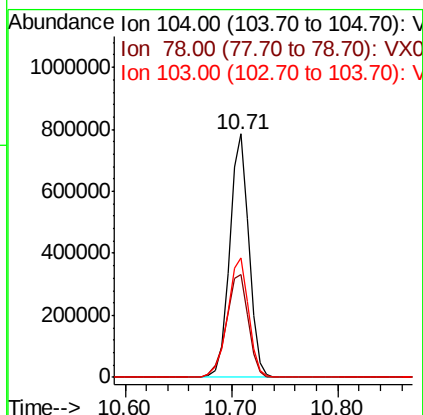
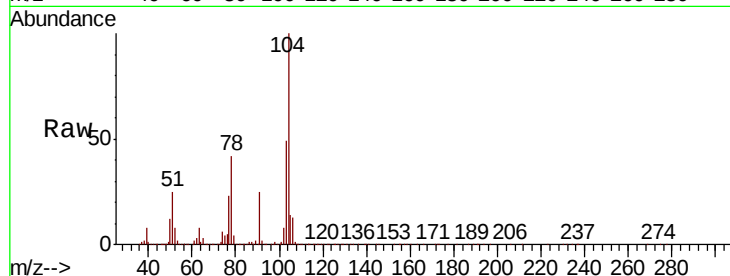




#69
Stvrene
Concen: 106.645 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

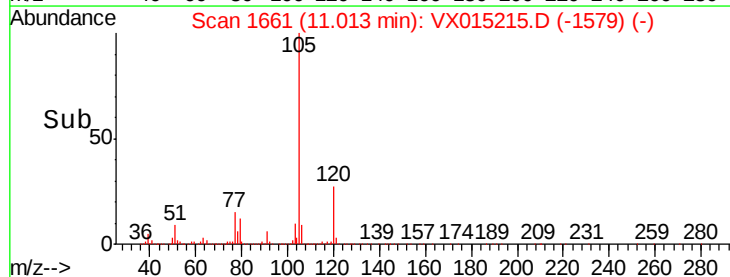
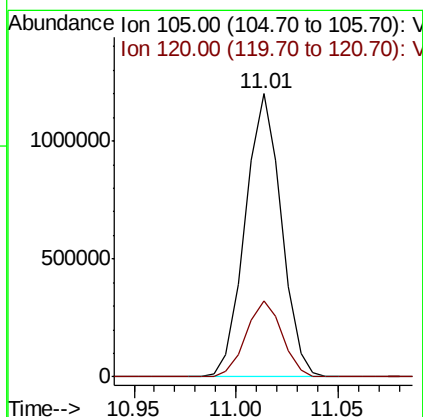
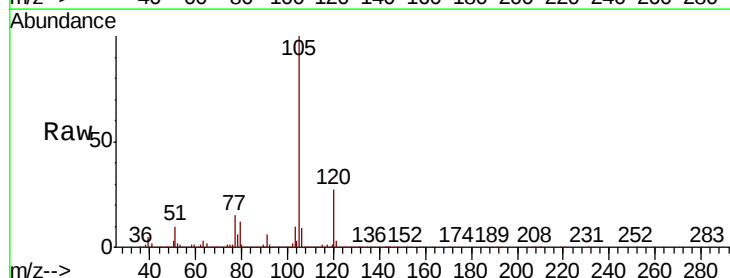
Instrument :
MSVOA_X
ClientSampleId :

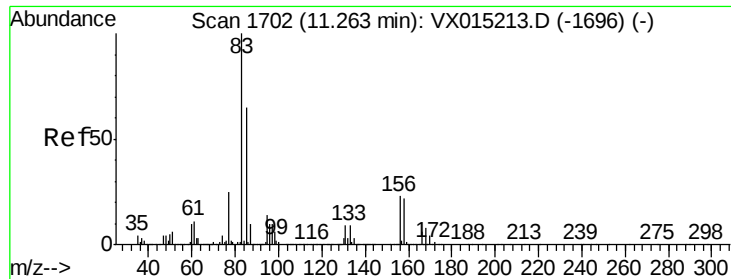
Tot Ion:104 Resp: 989330
Ion Ratio Lower Upper
104 100
78 48.3 38.3 57.5
103 53.9 42.6 64.0



#70
Isopropylbenzene
Concen: 103.271 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion:105 Resp: 1477081
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 102.281 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

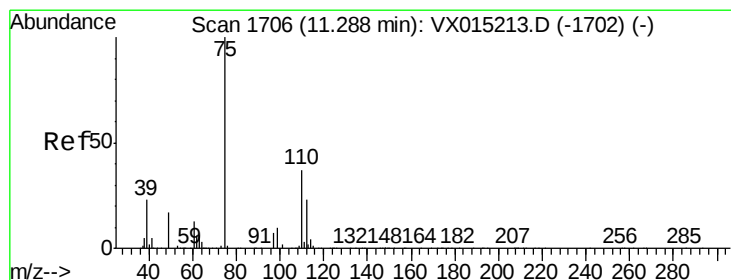
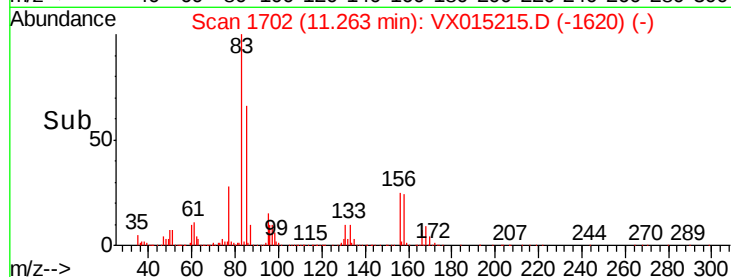
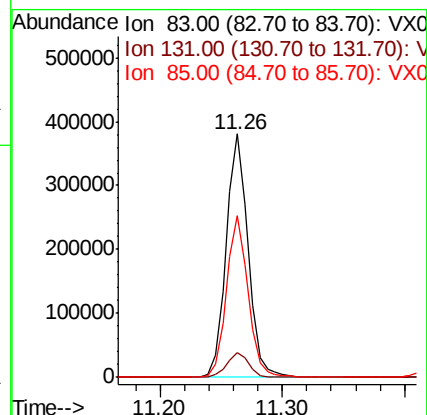
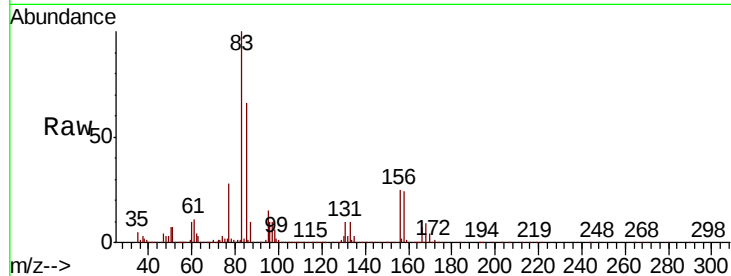
Tot Ion: 83 Resp: 473029

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 65.3 32.1 96.3



#72

1,2,3-Trichloropropane

Concen: 142.400 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015215.D

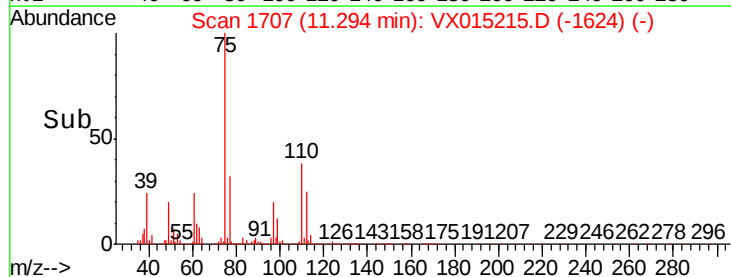
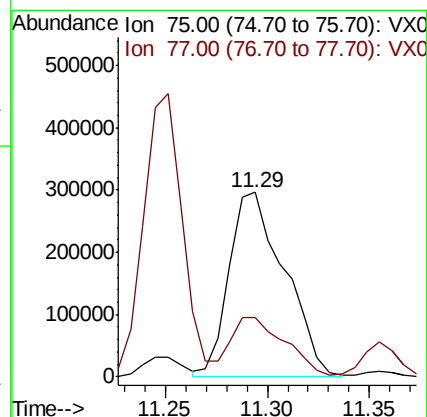
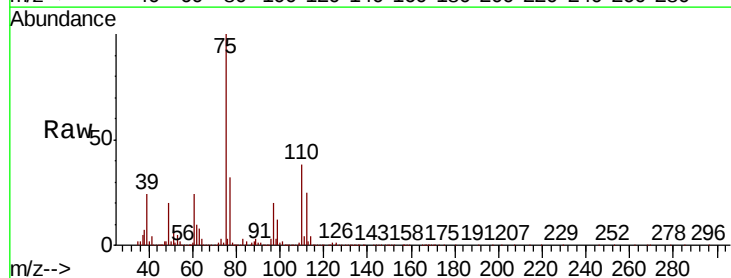
Acq: 11 Mar 2020 21:26

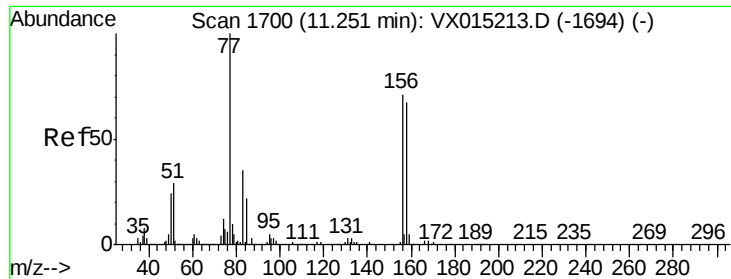
Tgt Ion: 75 Resp: 561135

Ion Ratio Lower Upper

75 100

77 30.6 0.0 69.4





#73

Bromobenzene

Concen: 104.919 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

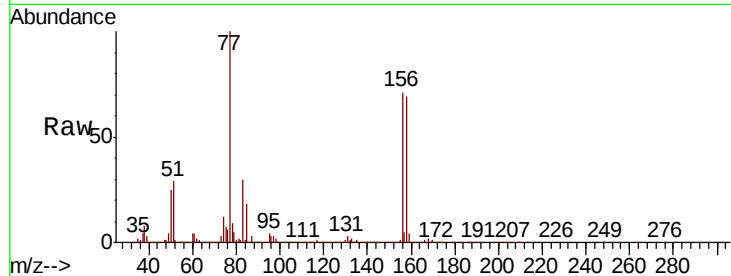
Tot Ion:156 Resp: 405397

Ion Ratio Lower Upper

156 100

77 149.0 0.0 300.2

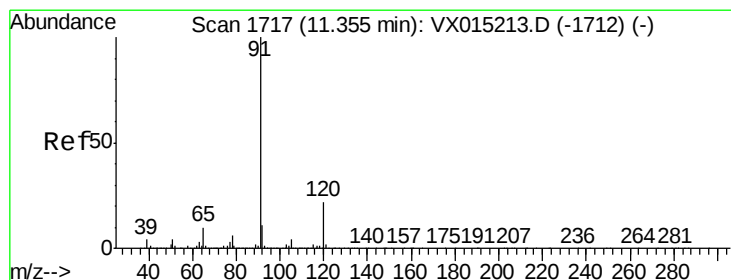
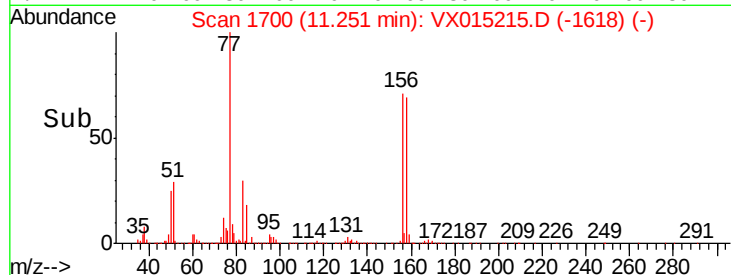
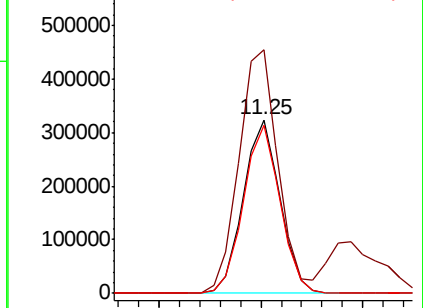
158 96.1 0.0 195.2



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: 106.154 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015215.D

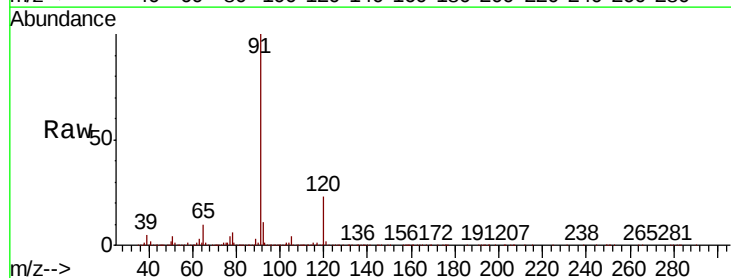
Acq: 11 Mar 2020 21:26

Tgt Ion: 91 Resp: 1732934

Ion Ratio Lower Upper

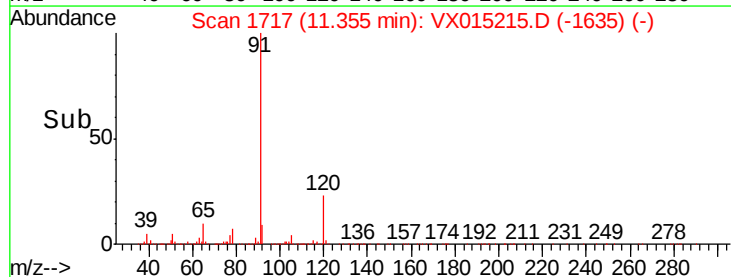
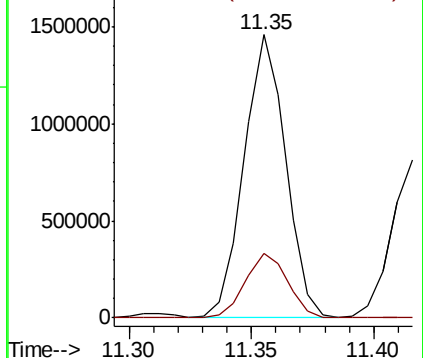
91 100

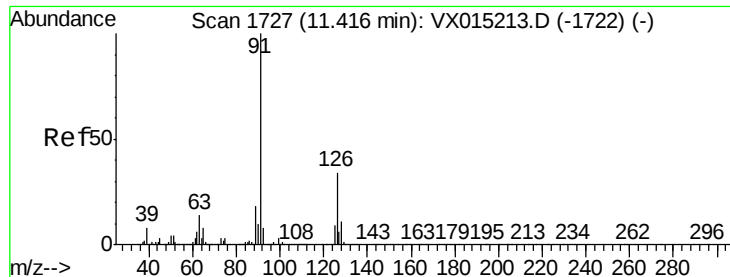
120 23.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 104.977 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

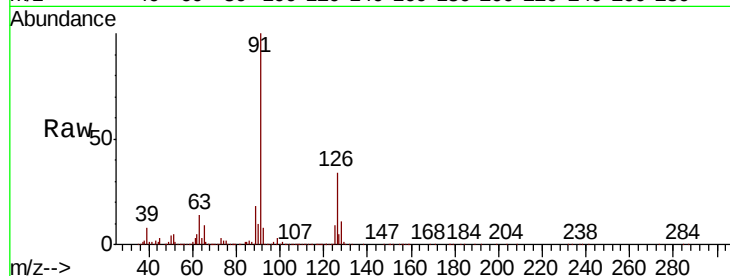
ClientSampleId :

Tot Ion: 91 Resp: 1008851

Ion Ratio Lower Upper

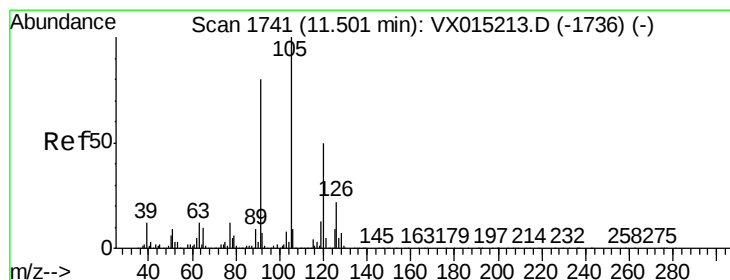
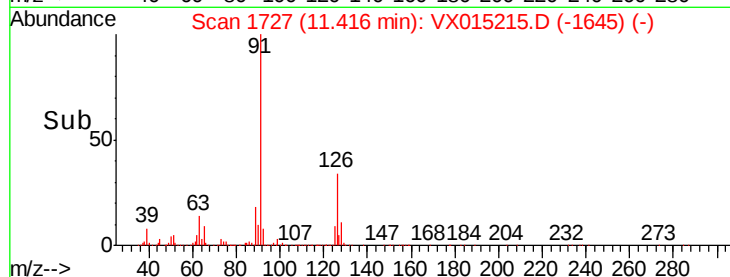
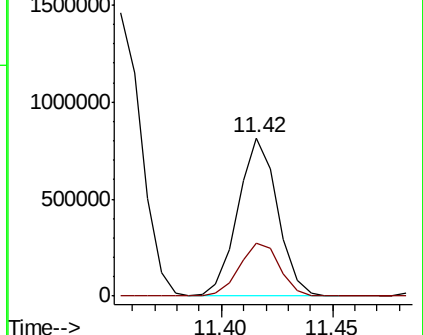
91 100

126 34.4 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX015215.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX015215.D (-1722) (-)



#76

1,3,5-Trimethylbenzene

Concen: 103.218 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015215.D

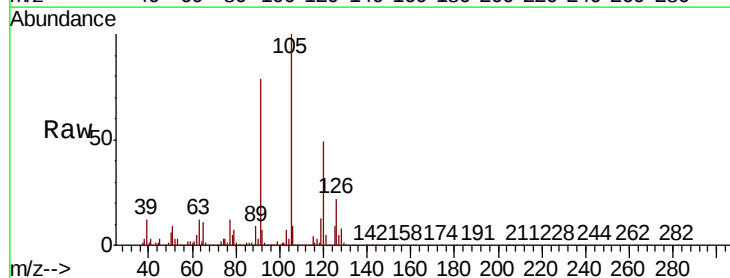
Acq: 11 Mar 2020 21:26

Tgt Ion: 105 Resp: 1234632

Ion Ratio Lower Upper

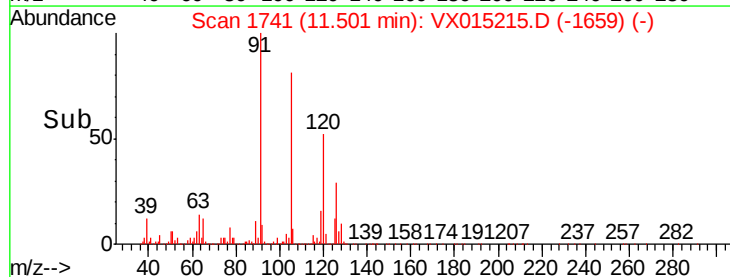
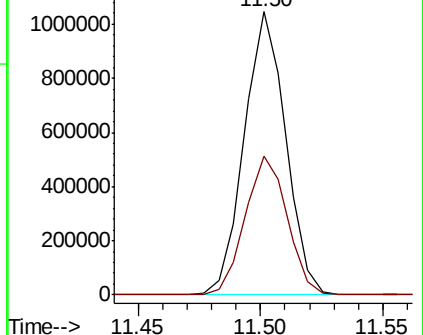
105 100

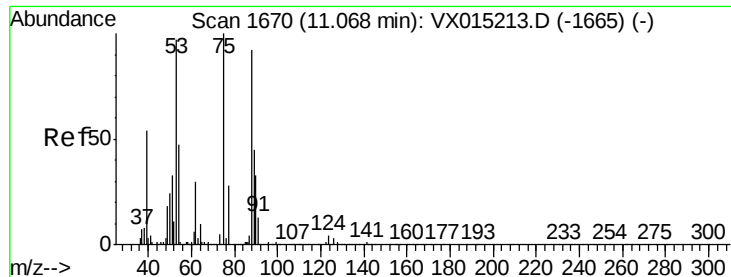
120 49.8 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX015215.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX015215.D (-1736) (-)

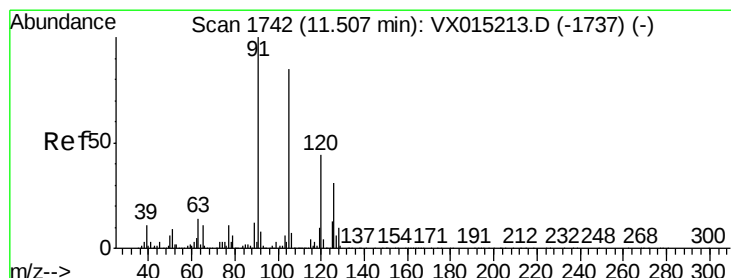
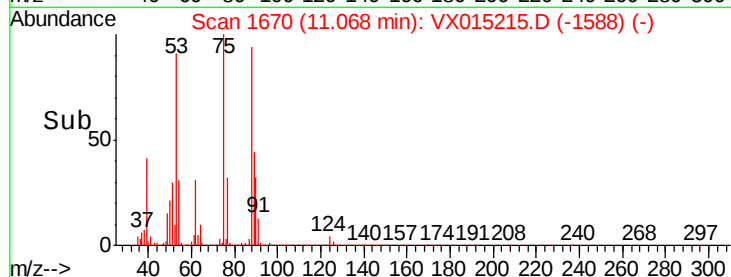
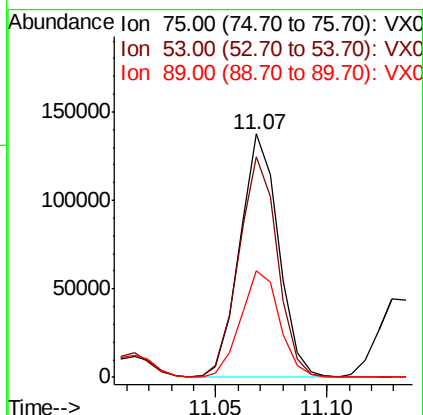
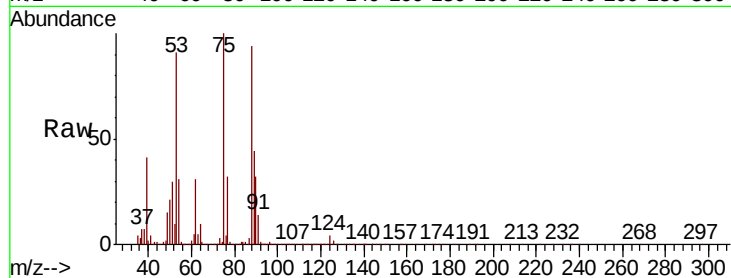




#77
t-1,4-Dichloro-2-butene
Concen: 108.421 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

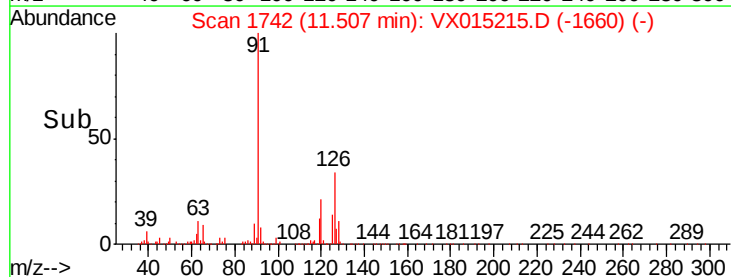
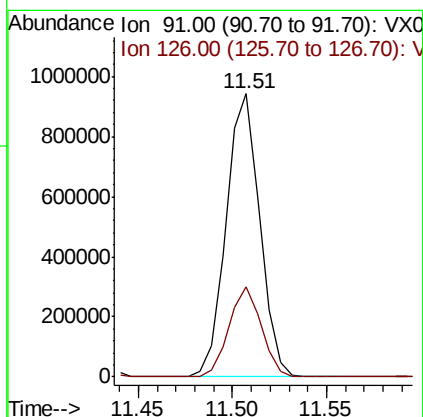
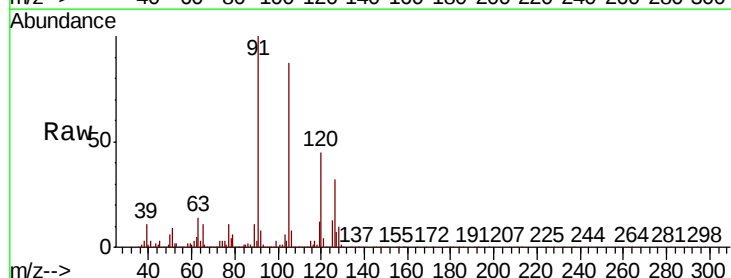
Instrument :
MSVOA_X
ClientSampleId :

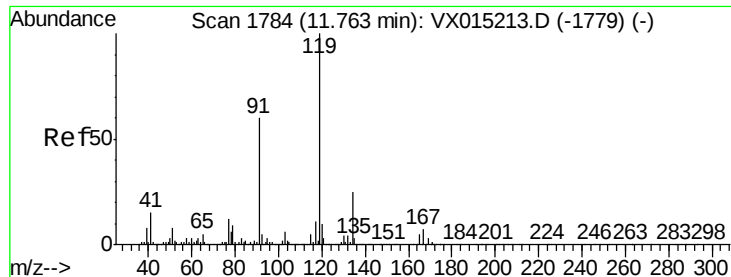
Tot Ion: 75 Resp: 166732
Ion Ratio Lower Upper
75 100
53 90.8 48.7 146.1
89 43.6 22.4 67.3



#78
4-Chlorotoluene
Concen: 103.933 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 91 Resp: 1162341
Ion Ratio Lower Upper
91 100
126 30.7 0.0 60.0





#79

tert-butylbenzene

Concen: 103.422 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

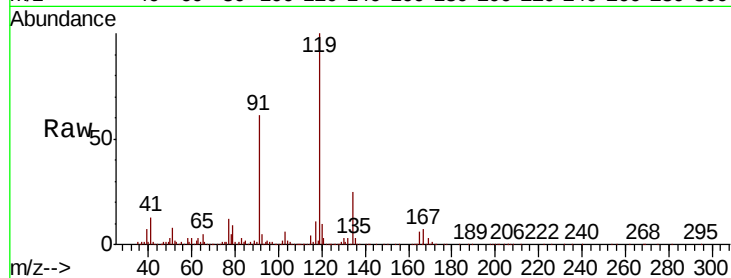
Tot Ion:119 Resp: 1192172

Ion Ratio Lower Upper

119 100

91 57.3 0.0 113.8

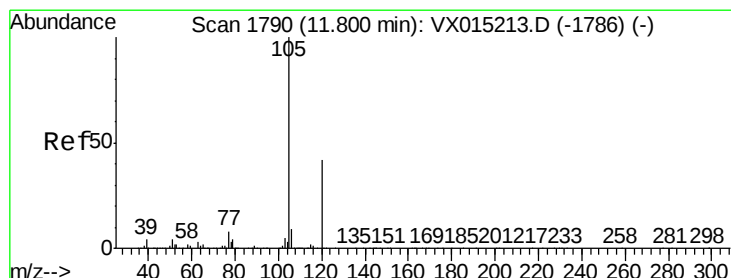
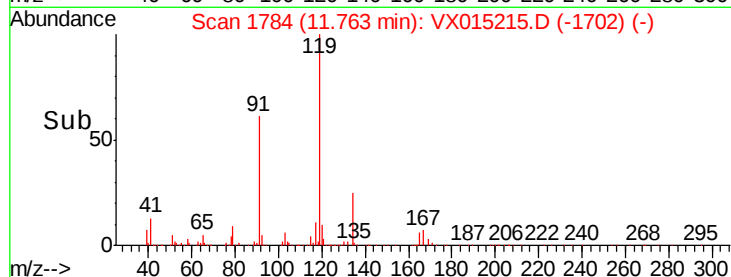
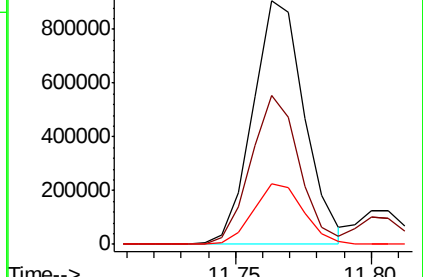
134 24.4 0.0 50.6



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: 105.217 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015215.D

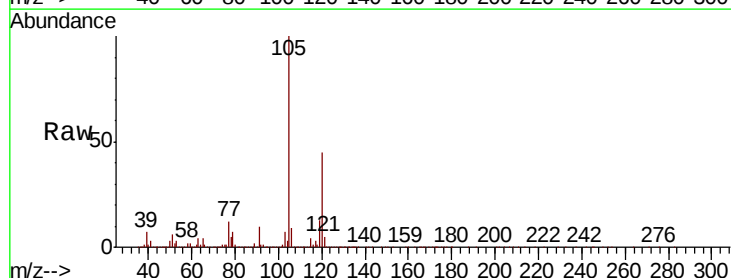
Acq: 11 Mar 2020 21:26

Tgt Ion:105 Resp: 1255870

Ion Ratio Lower Upper

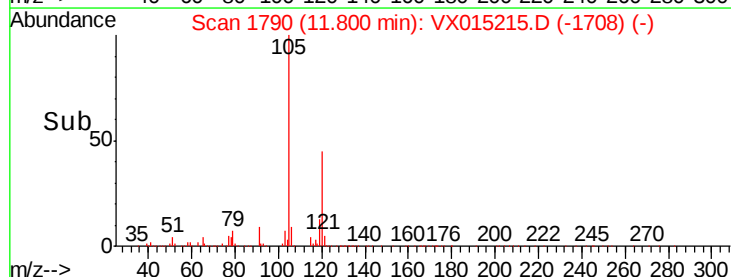
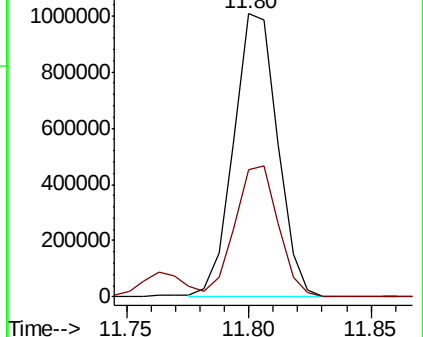
105 100

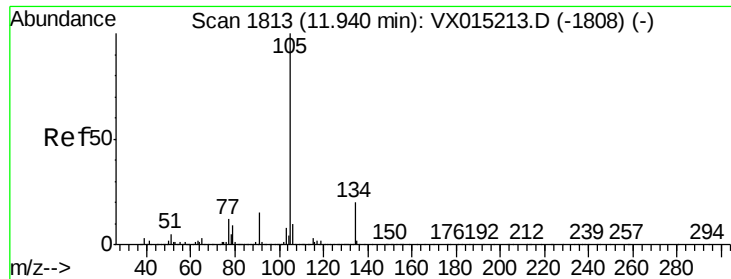
120 45.6 0.0 92.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 106.025 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

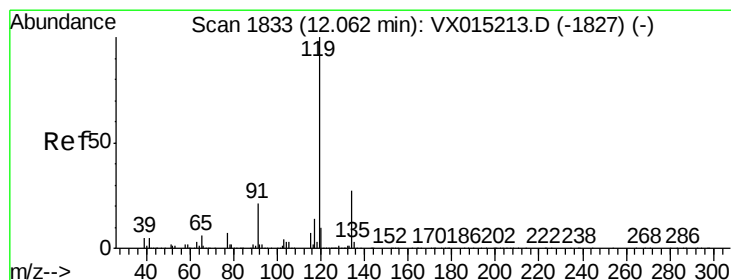
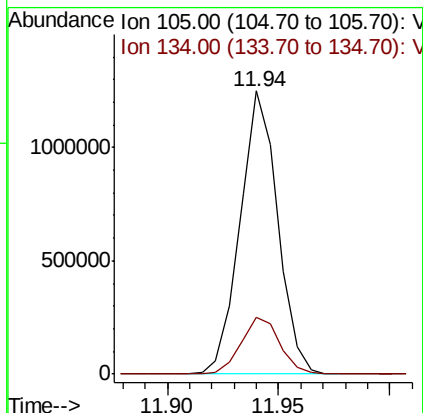
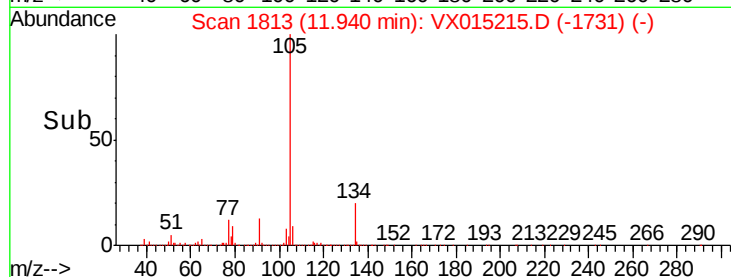
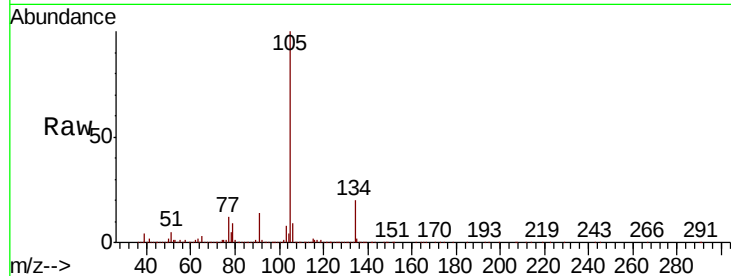
ClientSampled :

Tot Ion:105 Resp: 1472836

Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.4



#82

p-Isopropyltoluene

Concen: 105.976 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

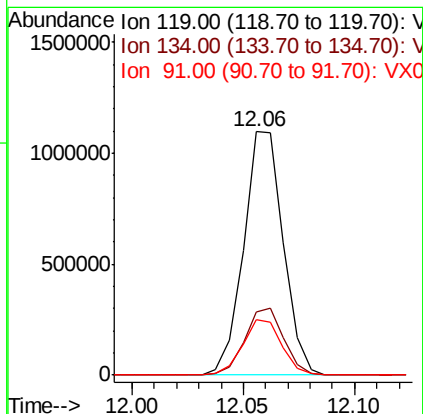
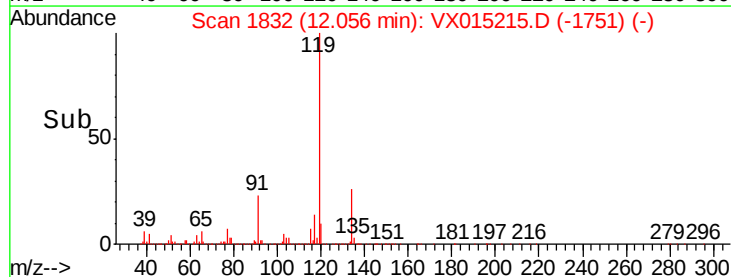
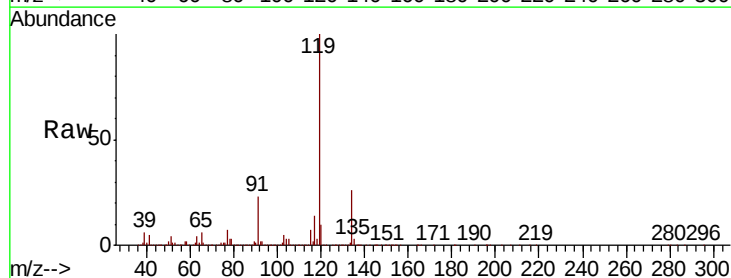
Tgt Ion:119 Resp: 1359055

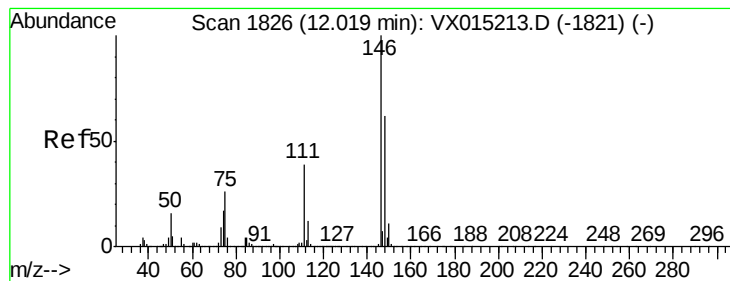
Ion Ratio Lower Upper

119 100

134 27.1 0.0 52.2

91 22.3 0.0 43.4





#83

1,3-Dichlorobenzene

Concen: 107.072 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Instrument :

MSVOA_X

ClientSampleId :

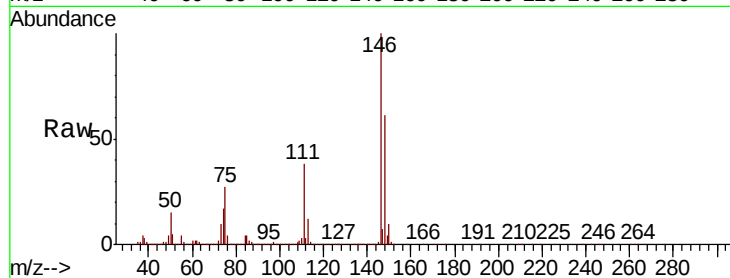
Tot Ion:146 Resp: 729227

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

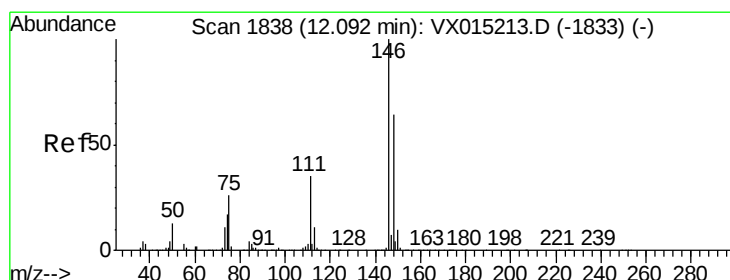
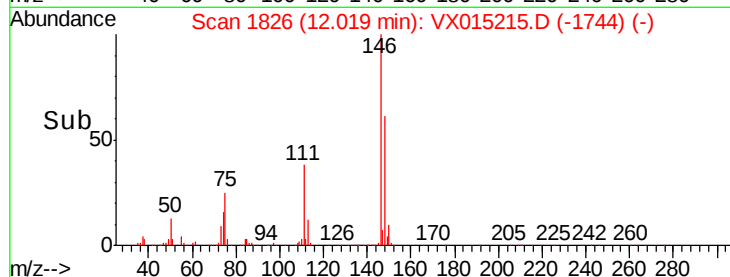
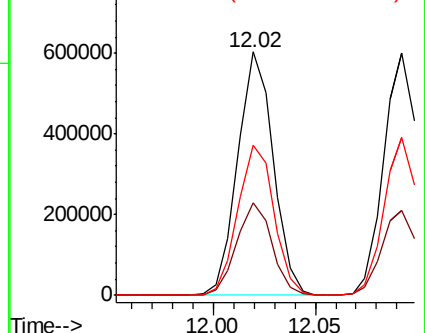
148 62.8 31.3 93.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 105.672 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

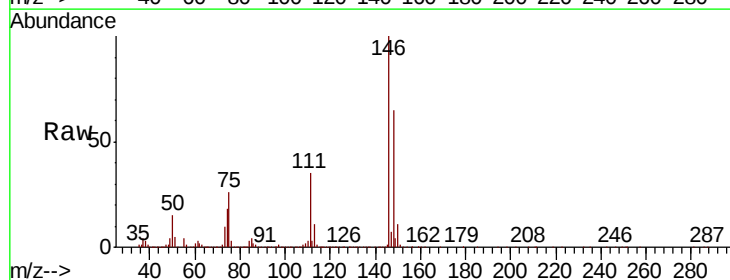
Tgt Ion:146 Resp: 723780

Ion Ratio Lower Upper

146 100

111 35.9 18.1 54.1

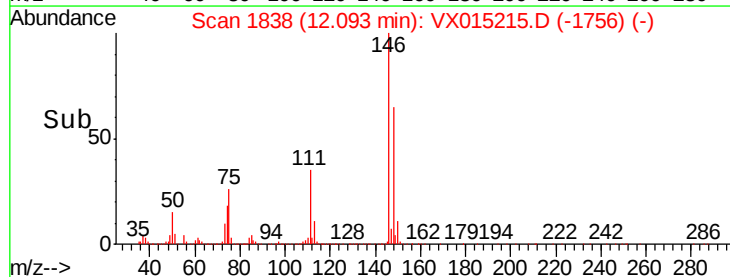
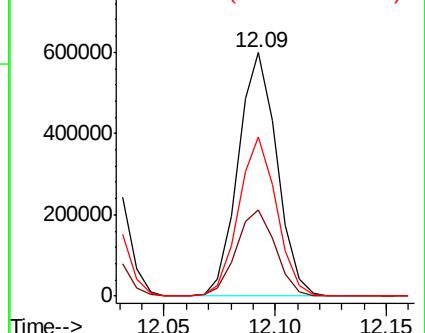
148 64.2 31.7 95.1

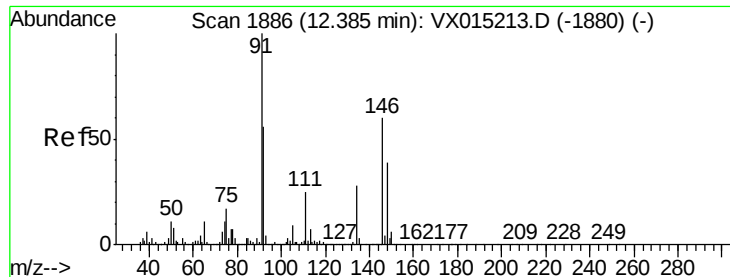


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

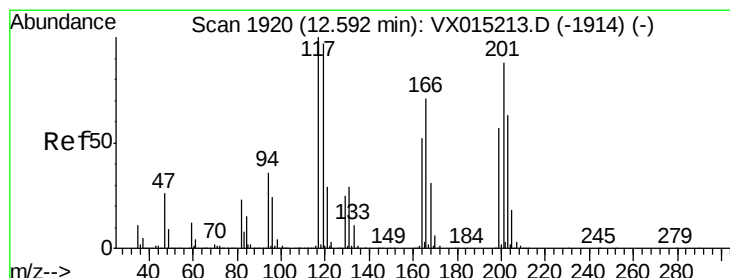
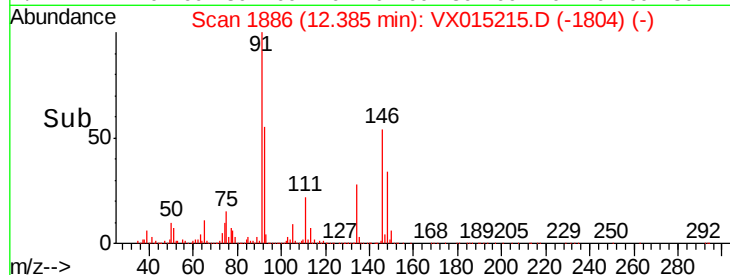
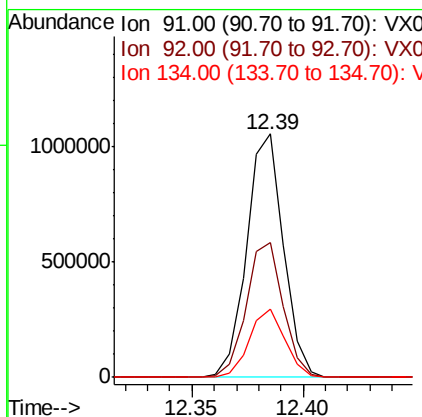
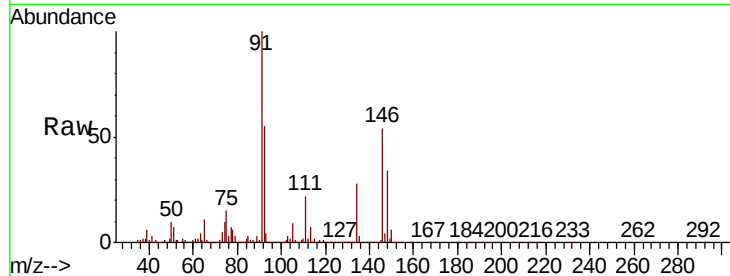




#85
n-Butylbenzene
Concen: 108.391 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

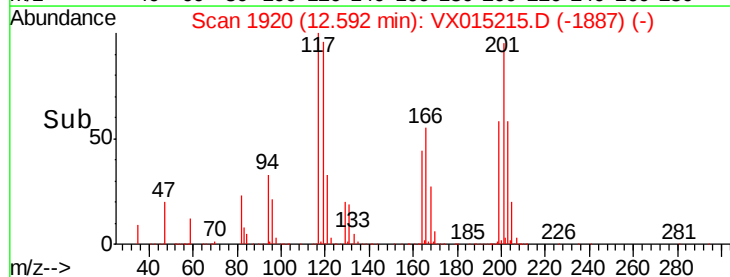
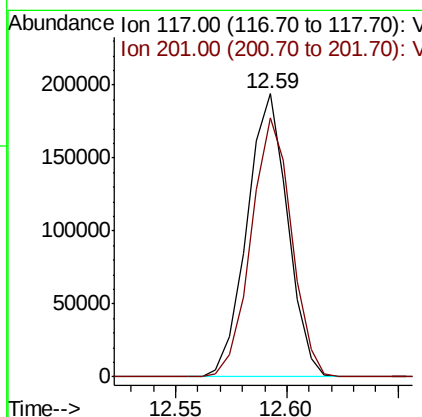
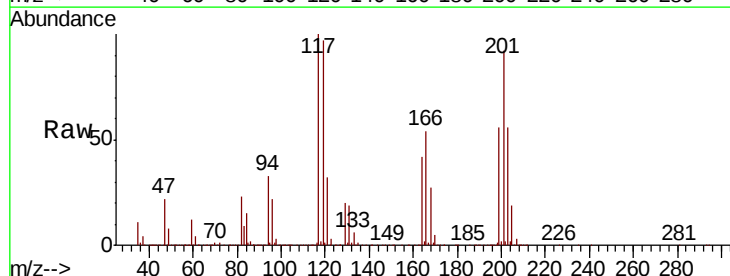
Instrument :
MSVOA_X
ClientSampled :

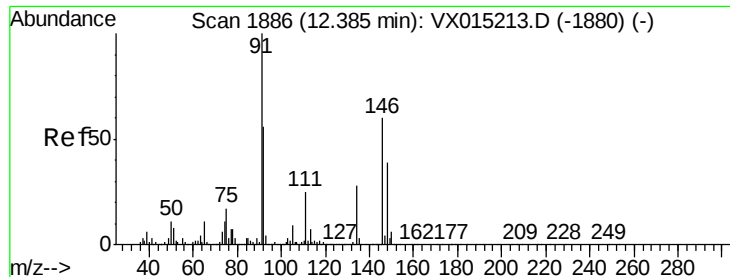
Tot Ion: 91 Resp: 1216878
Ion Ratio Lower Upper
91 100
92 55.5 0.0 109.6
134 27.2 0.0 54.6



#86
Hexachloroethane
Concen: 105.711 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015215.D
Acq: 11 Mar 2020 21:26

Tgt Ion: 117 Resp: 246473
Ion Ratio Lower Upper
117 100
201 91.0 43.8 131.4

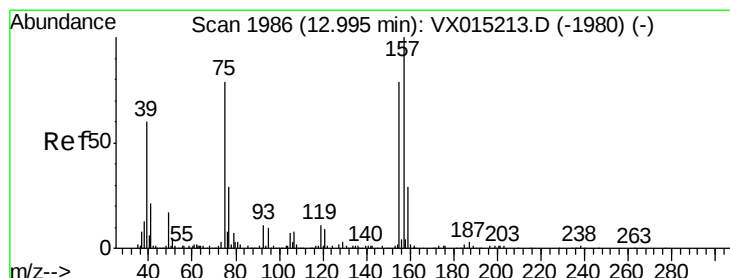
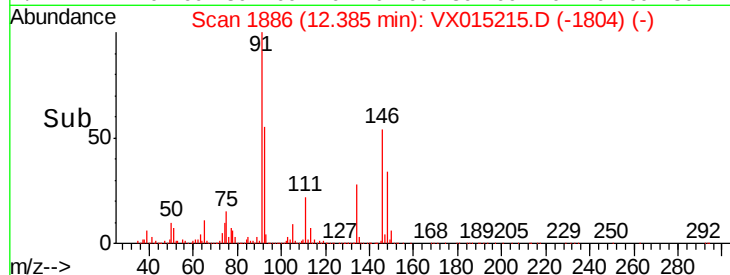
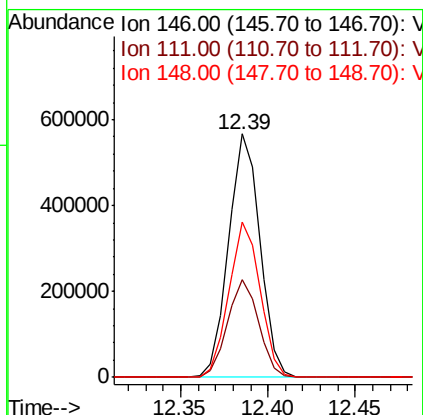
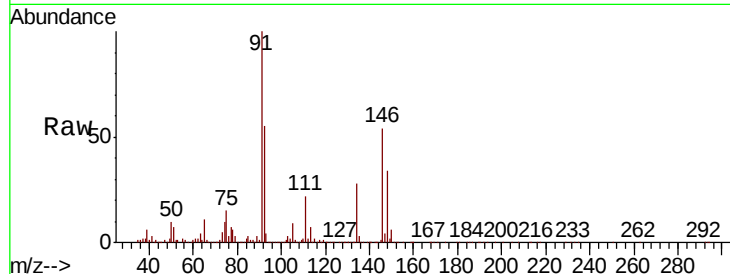




#87
 1,2-Dichlorobenzene
 Concen: 104.627 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

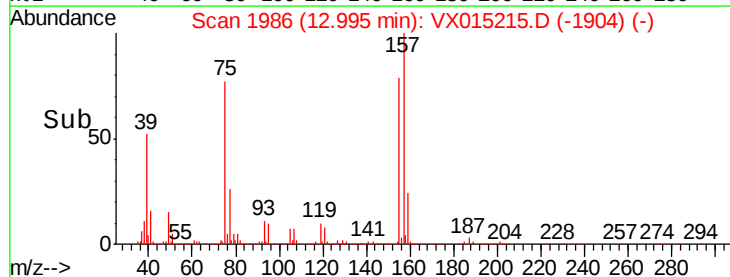
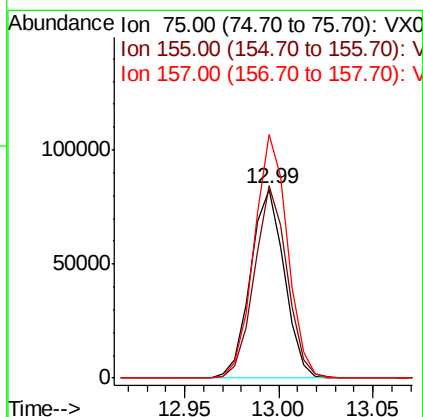
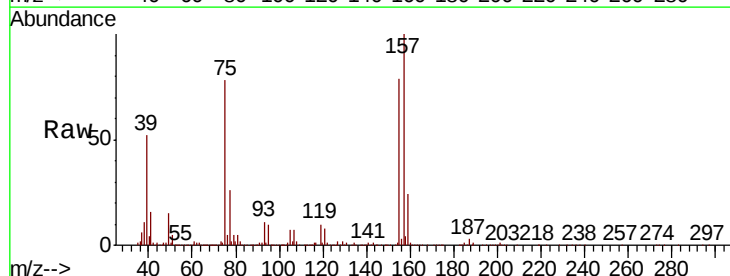
Instrument :
 MSVOA_X
 ClientSampleId :

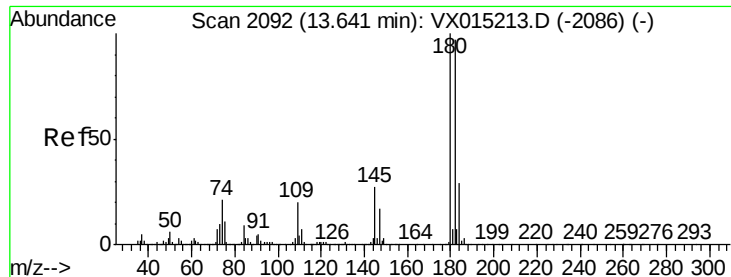
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.5
148	63.7	32.5	97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 103.651 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	79.4	119.2
157	126.8	99.1	148.7

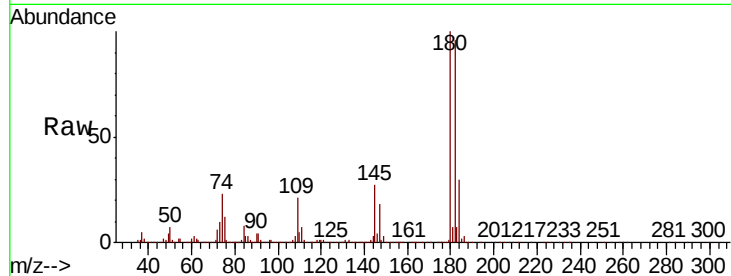




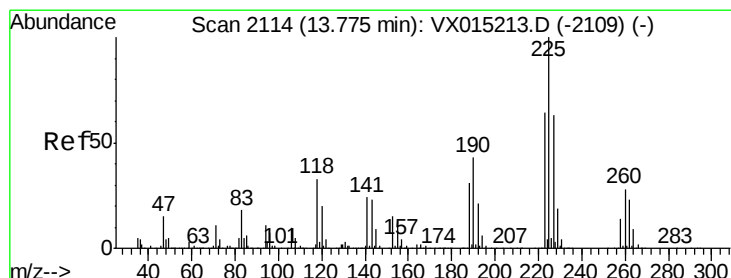
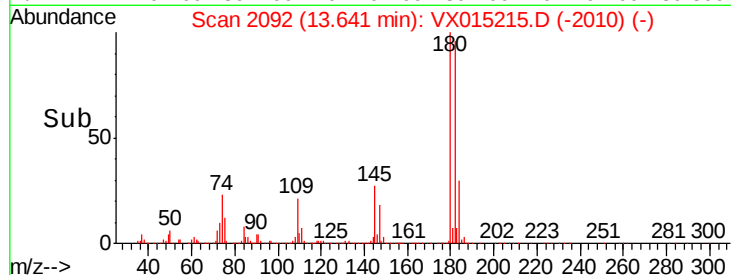
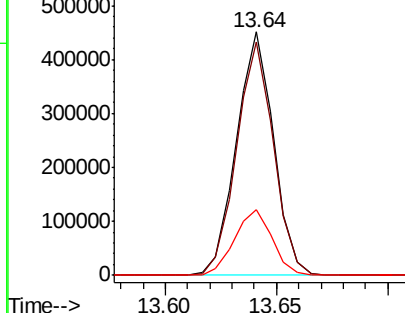
#89
 1,2,4-Trichlorobenzene
 Concen: 107.464 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.6	113.4
145	27.7	22.7	34.1

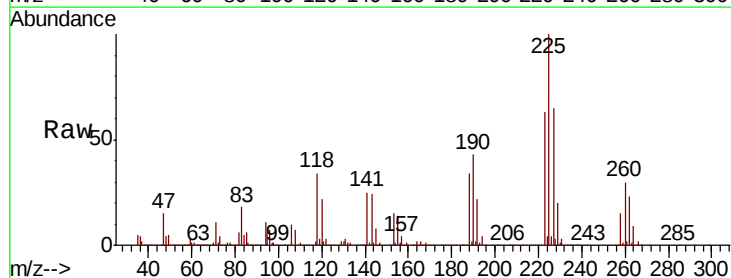


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

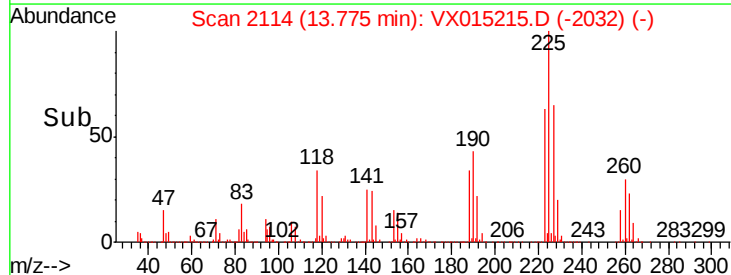
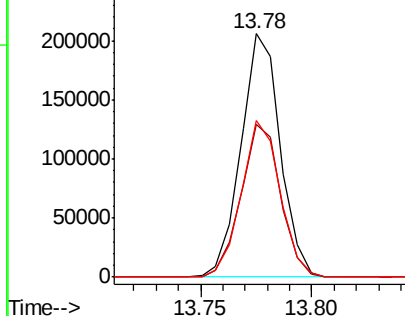


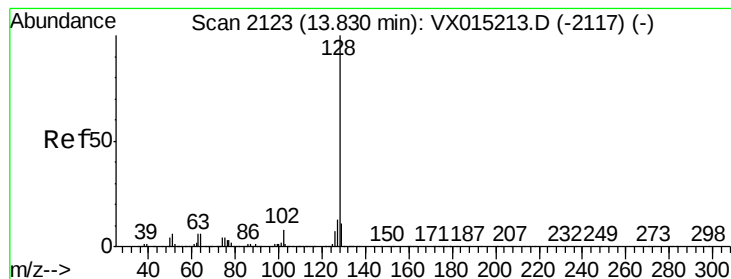
#90
 Hexachlorobutadiene
 Concen: 104.867 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015215.D
 Acq: 11 Mar 2020 21:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	127.6
227	63.8	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: 110.349 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

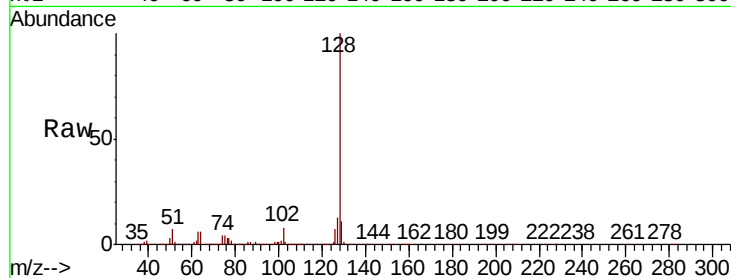
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1516762

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.8	13.2

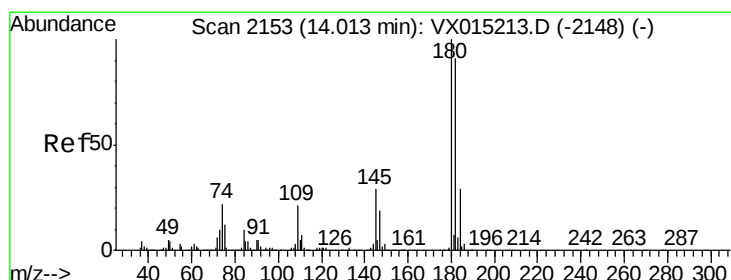
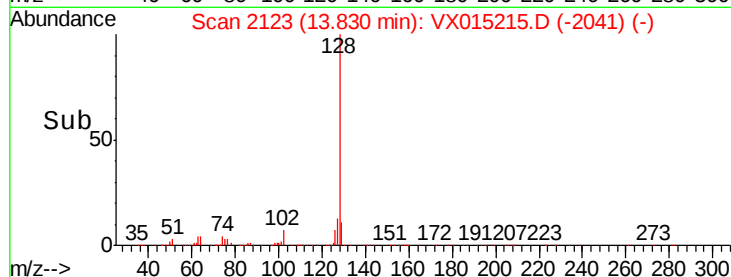
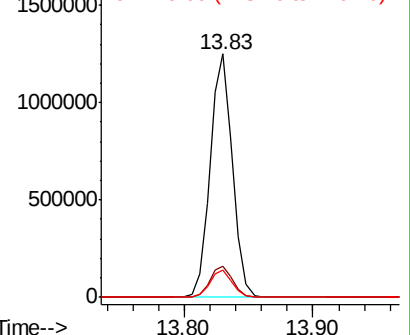


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 106.421 ug/l

RT: 14.01 min Scan# 2153

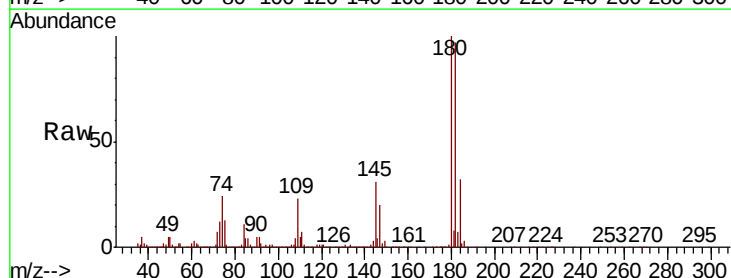
Delta R.T. 0.00 min

Lab File: VX015215.D

Acq: 11 Mar 2020 21:26

Tgt Ion:180 Resp: 517690

Ion	Ratio	Lower	Upper
180	100		
182	97.4	0.0	188.4
145	30.2	0.0	59.2



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

