

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015277.D
 Acq On : 13 Mar 2020 23:14
 Operator : JC/SP
 Sample : L1161-07 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Quant Time: Mar 16 08:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	50220	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	284924	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	267828	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	105108	31.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.43%
60) 4-Bromofluorobenzene	11.13	95	119112	27.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.13%
63) Toluene-d8	8.71	98	340162	29.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	5991	2.372	ug/l 94
3) Chloromethane	1.32	50	8020	2.199	ug/l 95
5) Bromomethane	1.64	94	5586	2.311	ug/l 87
6) Chloroethane	1.72	64	5400	2.317	ug/l 94
7) Trichlorofluoromethane	1.93	101	10324	2.182	ug/l 95
8) Diethyl Ether	2.18	74	4953	2.362	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7229	2.492	ug/l 93
10) 1,1-Dichloroethene	2.37	96	6457	2.208	ug/l 97
11) Methyl Iodide	2.50	142	5879	1.954	ug/l 99
12) Methyl Acetate	2.76	43	8285	2.296	ug/l 98
13) Acrolein	2.29	56	6679	11.722	ug/l 97
14) Acrylonitrile	3.14	53	19969	11.927	ug/l 98
15) Acetone	2.44	58	5123	10.428	ug/l 96
16) Carbon Disulfide	2.56	76	20021	2.444	ug/l 99
17) Allvl chloride	2.72	41	11284	2.080	ug/l 96
18) Methylene Chloride	2.84	84	8820	2.668	ug/l 88
19) trans-1,2-Dichloroethene	3.16	96	7568	2.399	ug/l # 90
20) Diisopropyl ether	3.84	45	23928	2.220	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	13979	2.448	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	9321	2.614	ug/l 93
23) tert-Butyl Alcohol	3.03	59	8755	13.375	ug/l # 98
24) Methyl tert-Butyl Ether	3.19	73	21480	2.273	ug/l 92
25) Chloroform	5.20	83	15105	2.780	ug/l 95
26) Cyclohexane	5.58	56	13200	2.487	ug/l # 93
29) 1,1-Dichloropropene	5.79	75	10990	2.514	ug/l 84
30) 2-Butanone	4.67	43	27010	11.536	ug/l # 59
32) 1,1,1-Trichloroethane	5.48	97	11234	2.361	ug/l 95
34) Benzene	6.13	78	32174	2.428	ug/l 97
35) Methacrylonitrile	5.03	41	3628	1.433	ug/l 87
36) 1,2-Dichloroethane	6.19	62	10686	2.418	ug/l 95
37) Trichloroethene	7.21	130	11459	3.127	ug/l 97
38) Methylcyclohexane	7.45	83	13076	2.461	ug/l 96
39) 1,2-Dichloropropane	7.51	63	8523	2.490	ug/l 94
40) Dibromomethane	7.66	93	6076	2.793	ug/l 95
41) Bromodichloromethane	7.89	83	10334	2.402	ug/l # 86
42) Vinyl Acetate	3.81	43	97310	10.539	ug/l 98
43) Ethyl Acetate	4.83	43	11668	2.626	ug/l # 72

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Isopropyl Acetate	6.44	43	18314	2.437	ug/l	98
45) 1,4-Dioxane	7.75	88	3851	52.180	ug/l #	86
46) Methyl methacrylate	7.76	41	7924	2.139	ug/l	89
47) n-amyl Acetate	10.89	43	13321	1.976	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	10149	2.169	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	11682	2.199	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	8493	2.640	ug/l	96
51) Ethyl methacrylate	9.17	69	11173	2.226	ug/l	98
52) 1,3-Dichloropropane	9.37	76	14024	2.576	ug/l	100
53) Dibromochloromethane	9.58	129	7875	2.299	ug/l	96
54) 1,2-Dibromoethane	9.67	107	8824	2.659	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	27502	10.941	ug/l	99
56) Bromoform	10.85	173	5996	2.233	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	52725	11.563	ug/l	99
59) 2-Hexanone	9.49	43	37851	10.983	ug/l	96
61) Tetrachloroethene	9.33	164	9754	2.616	ug/l #	87
62) Toluene	8.78	91	35130	2.479	ug/l	96
64) Chlorobenzene	10.13	112	23635	2.610	ug/l	92
65) 1,1,1,2-Tetrachloroethane	10.21	131	7195	2.157	ug/l	97
66) Ethyl Benzene	10.25	91	35643	2.258	ug/l	98
67) m/p-Xylenes	10.36	106	27352	4.513	ug/l	97
68) o-Xylene	10.70	106	13371	2.301	ug/l	89
69) Styrene	10.71	104	21112	2.088	ug/l	98
70) Isopropylbenzene	11.01	105	33180	2.145	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.26	83	11879	2.366	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	12506	3.043	ug/l	87
73) Bromobenzene	11.25	156	10121	2.400	ug/l	98
74) n-propylbenzene	11.35	91	41278	2.259	ug/l	99
75) 2-Chlorotoluene	11.42	91	25463	2.387	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	28337	2.146	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	2732	1.587	ug/l	93
78) 4-Chlorotoluene	11.51	91	28827	2.347	ug/l	95
79) tert-butylbenzene	11.76	119	27103	2.190	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	27145	2.080	ug/l	97
81) sec-Butylbenzene	11.94	105	33519	2.182	ug/l	97
82) p-Isopropyltoluene	12.06	119	28476	2.016	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	18606	2.497	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	19118	2.565	ug/l	99
85) n-Butylbenzene	12.39	91	25735	2.079	ug/l	97
86) Hexachloroethane	12.59	117	5025	2.032	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	17668	2.431	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	12.99	75	2536	2.454	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	12336	2.297	ug/l	96
90) Hexachlorobutadiene	13.78	225	6202	2.244	ug/l	97
91) Naphthalene	13.83	128	29912	2.010	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	12491	2.311	ug/l	98

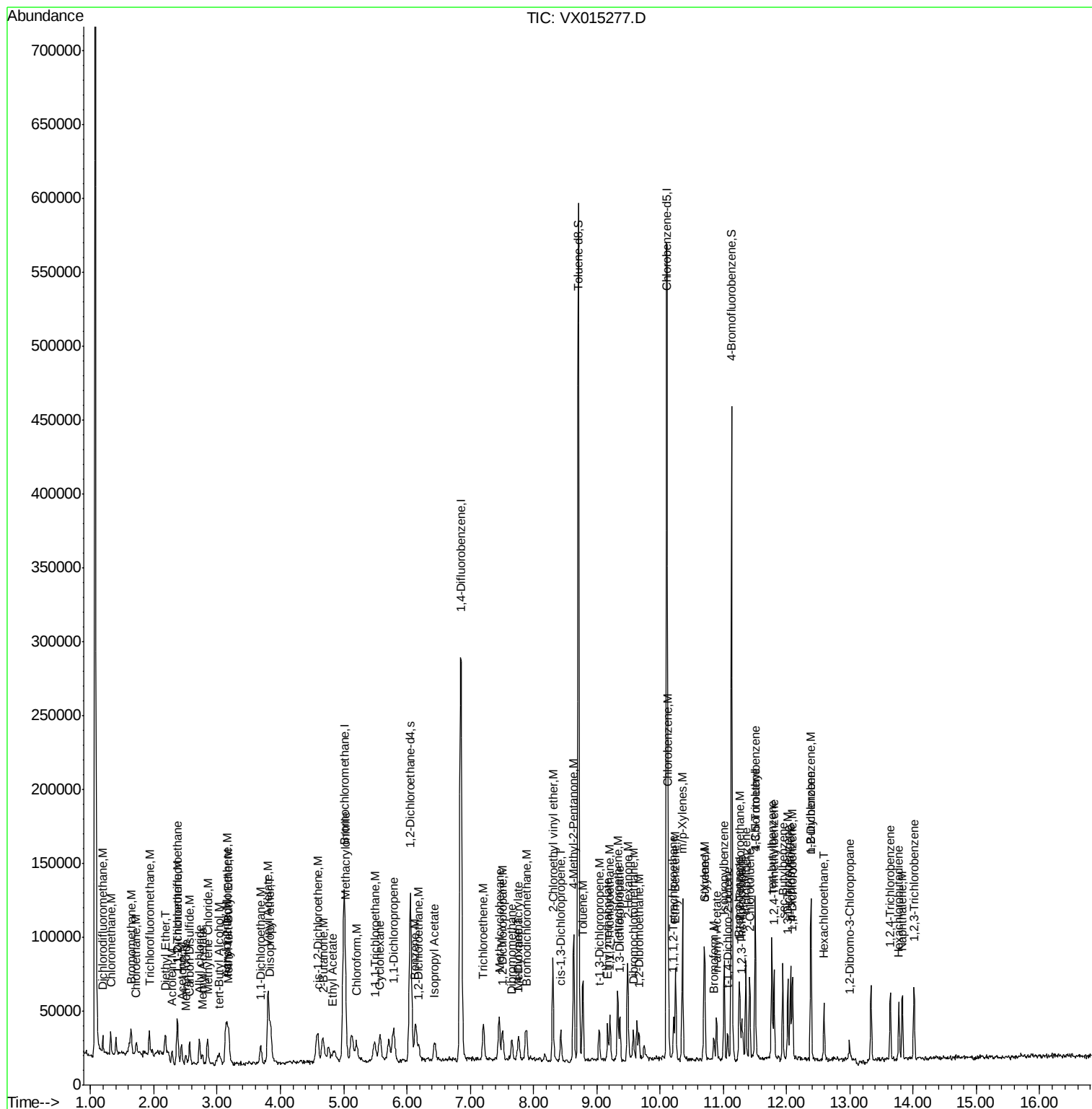
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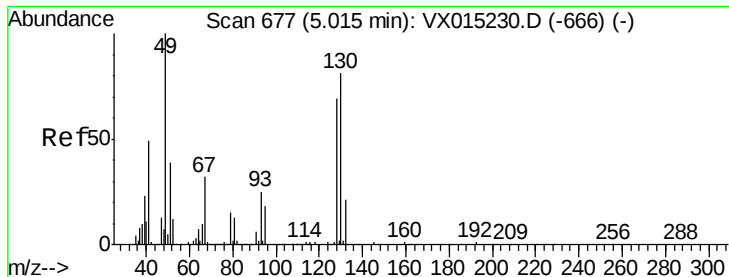
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Quant Time: Mar 16 08:30:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVQA X\METHOD\624X031220W.M
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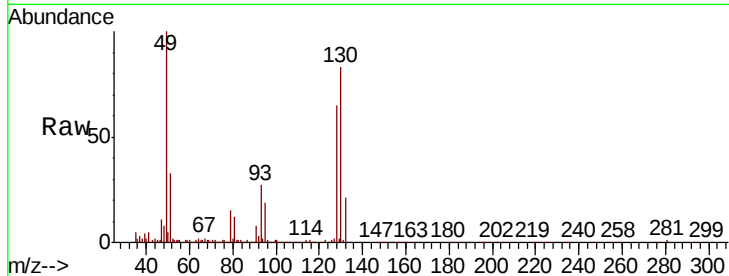


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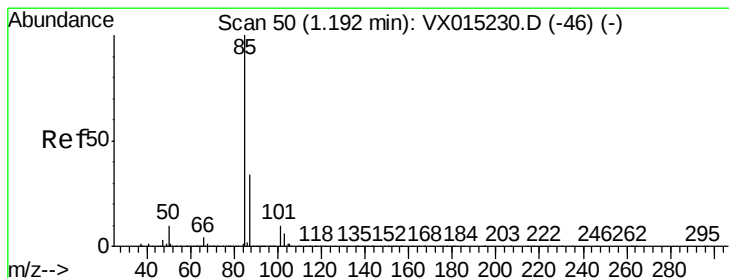
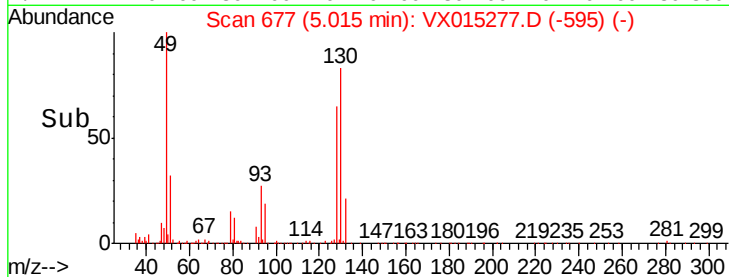
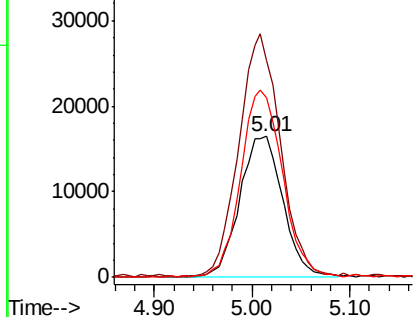
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:128 Resp: 50220
Ion Ratio Lower Upper
128 100
49 165.8 0.0 406.8
130 130.5 0.0 319.3



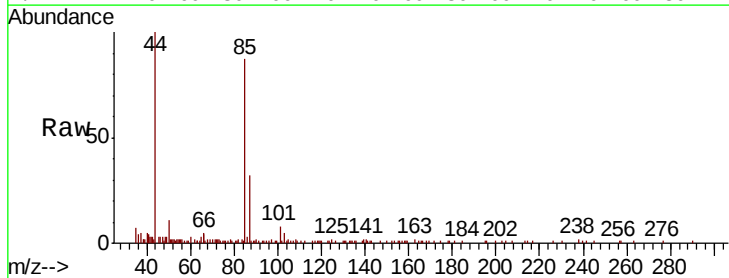
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



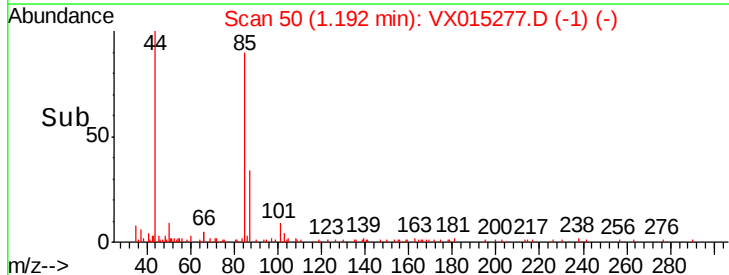
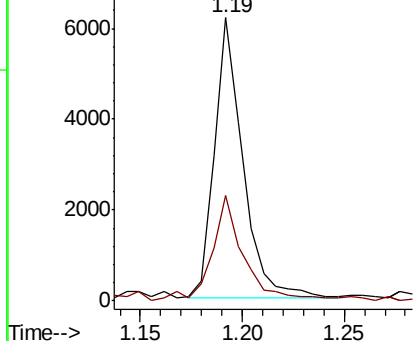
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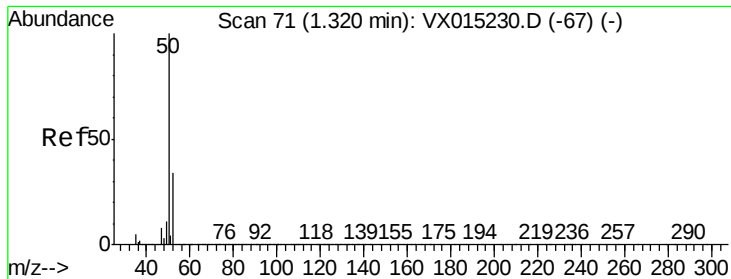
Dichlorodifluoromethane
Concen: 2.372 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 85 Resp: 5991
Ion Ratio Lower Upper
85 100
87 36.6 16.7 50.1



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

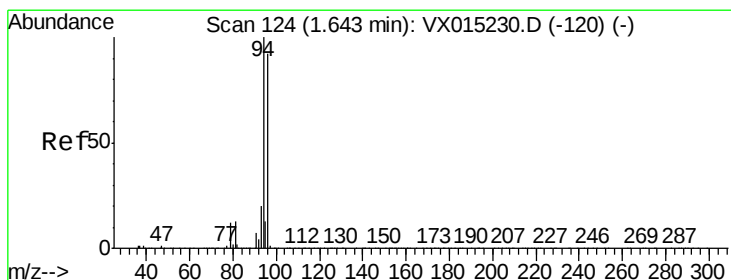
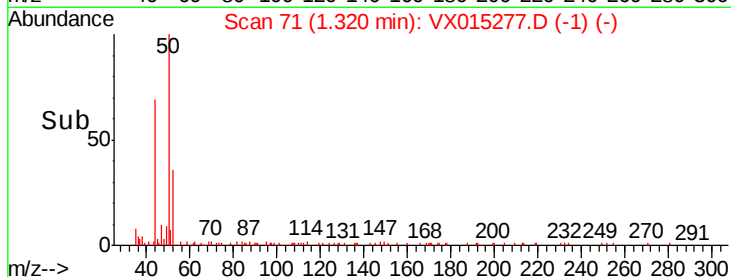
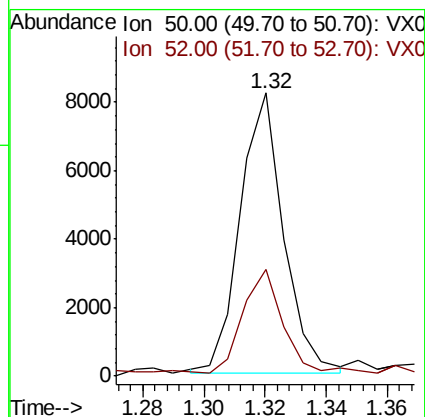
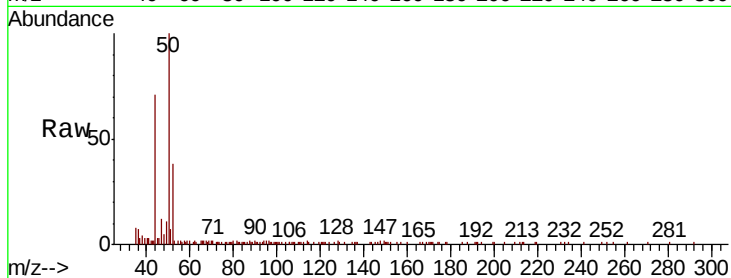




#3
Chloromethane
Concen: 2.199 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

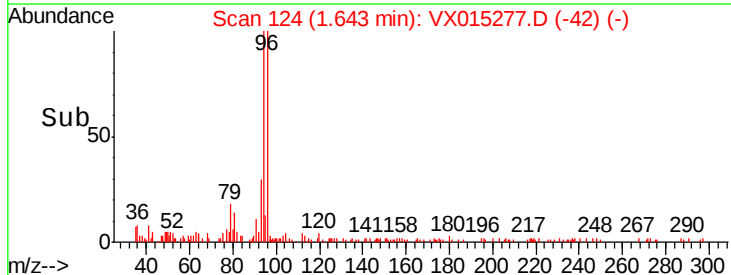
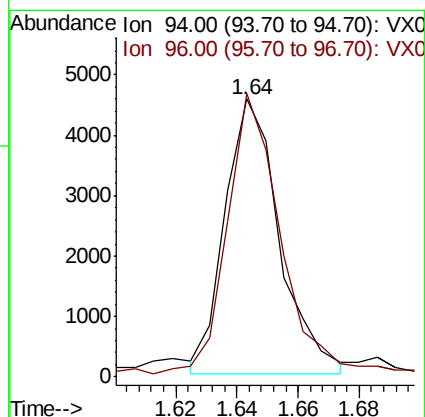
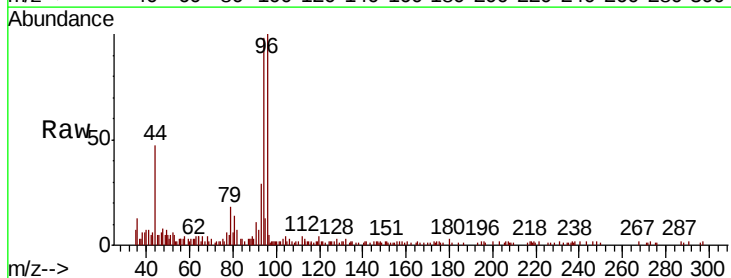
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

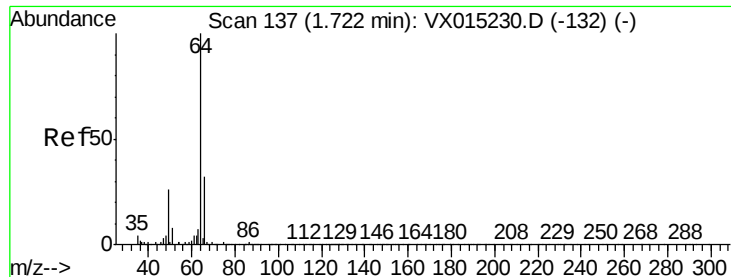
Tot Ion: 50 Resp: 8020
Ion Ratio Lower Upper
50 100
52 36.3 26.9 40.3



#5
Bromomethane
Concen: 2.311 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 94 Resp: 5586
Ion Ratio Lower Upper
94 100
96 104.0 73.0 109.4





#6

Chloroethane

Concen: 2.317 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

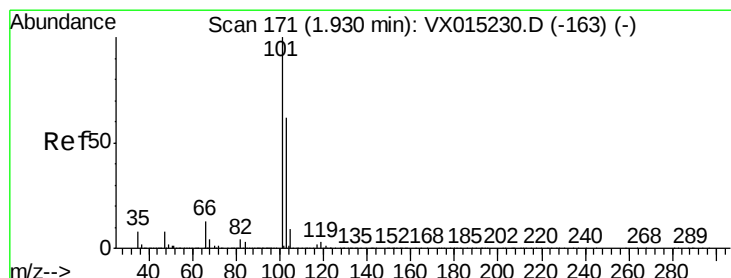
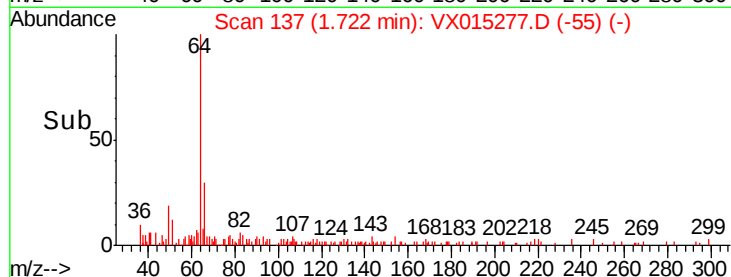
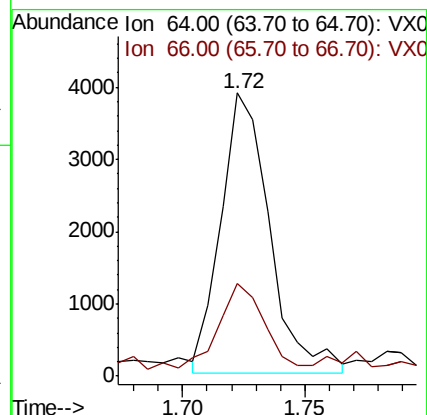
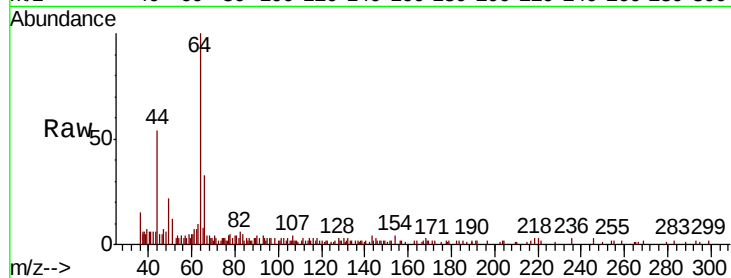
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 64 Resp: 5400

Ion Ratio Lower Upper

64 100

66 29.3 25.9 38.9



#7

Trichlorofluoromethane

Concen: 2.182 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VX015277.D

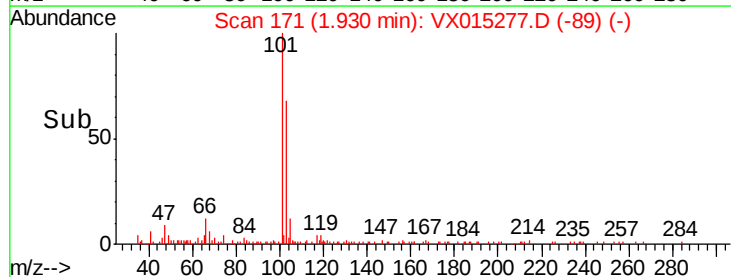
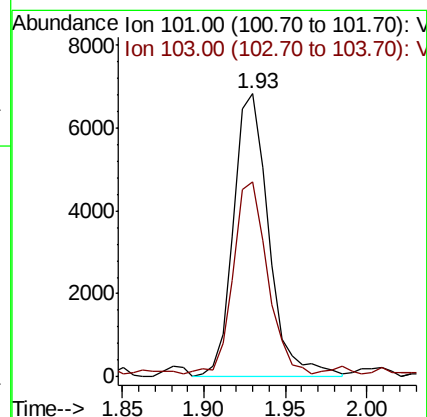
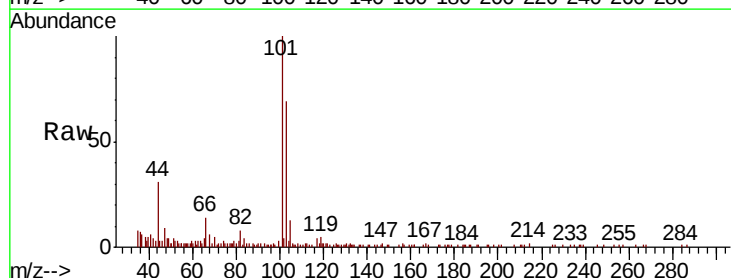
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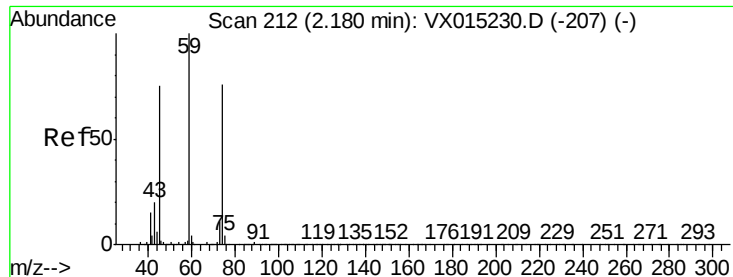
Tgt Ion: 101 Resp: 10324

Ion Ratio Lower Upper

101 100

103 66.6 49.9 74.9





#8

Diethyl Ether

Concen: 2.362 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

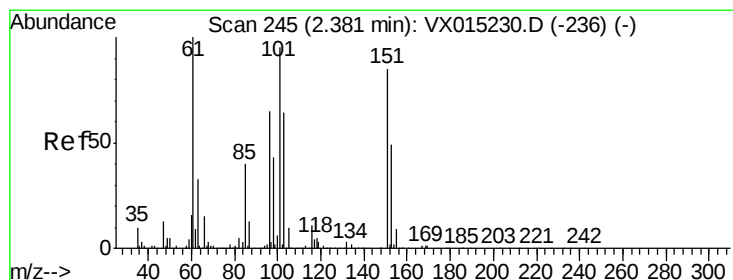
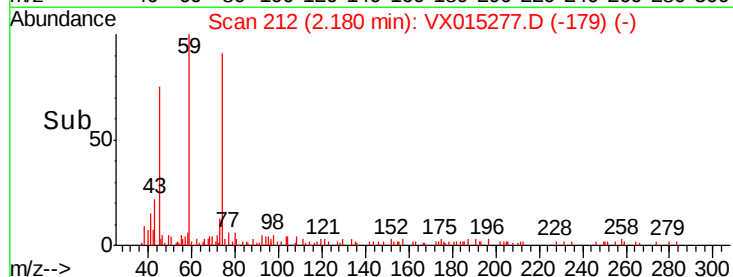
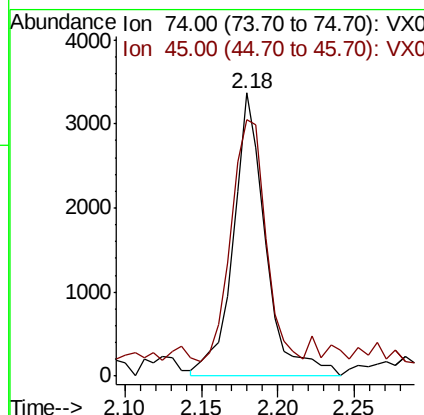
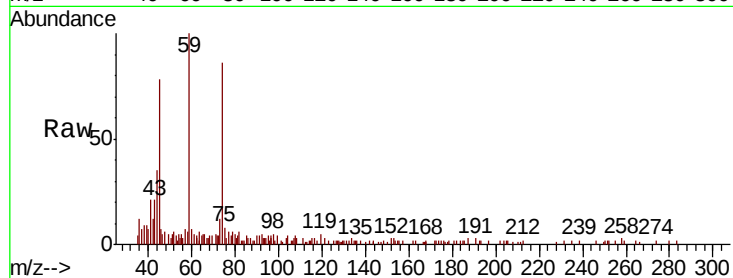
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 74 Resp: 4953

Ion Ratio Lower Upper

74 100

45 90.9 20.3 182.3



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.492 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

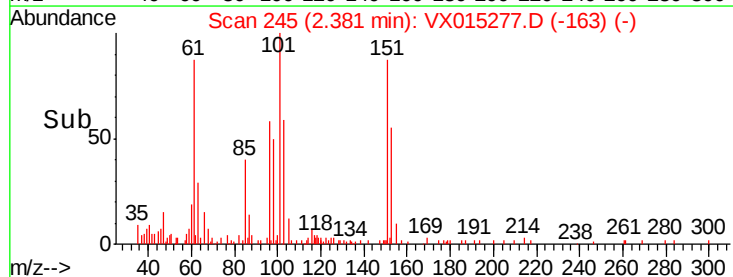
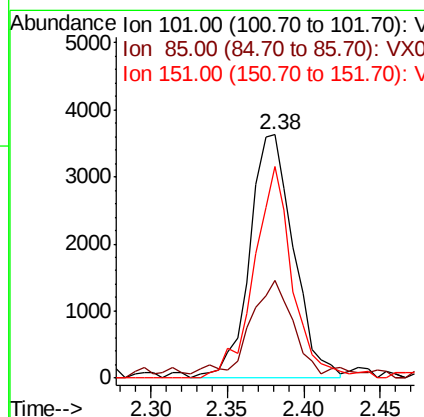
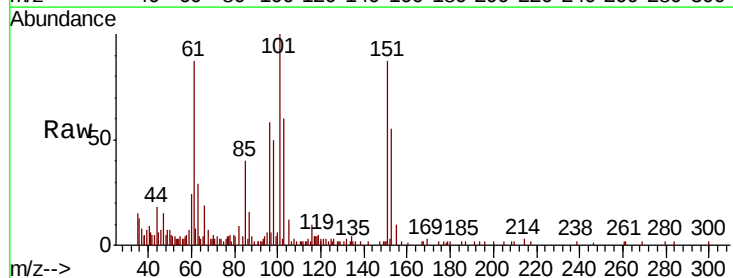
Tgt Ion: 101 Resp: 7229

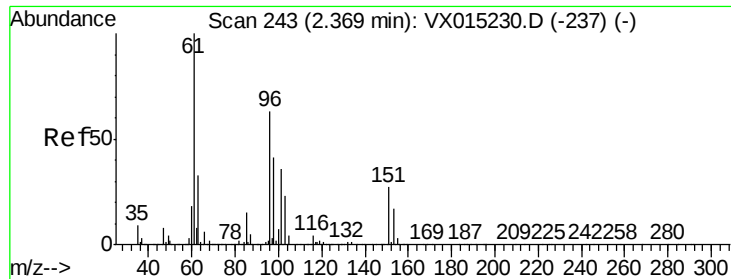
Ion Ratio Lower Upper

101 100

85 37.8 0.0 82.0

151 75.7 0.0 165.0

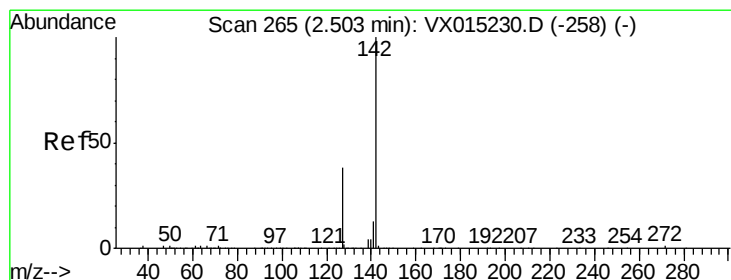
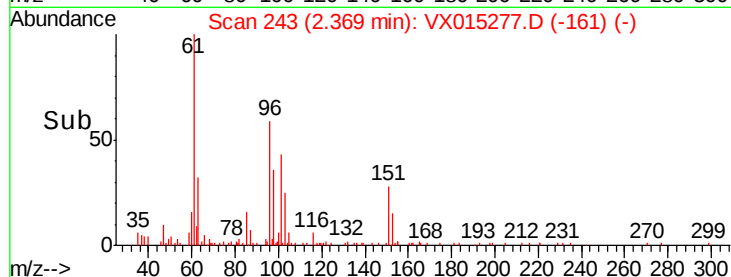
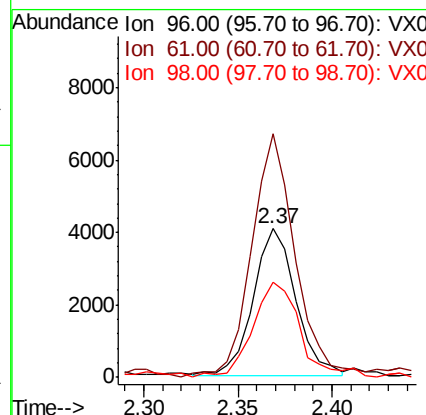
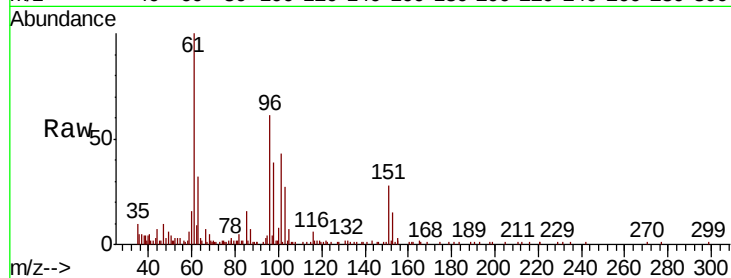




#10
 1,1-Dichloroethene
 Concen: 2.208 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015277.D
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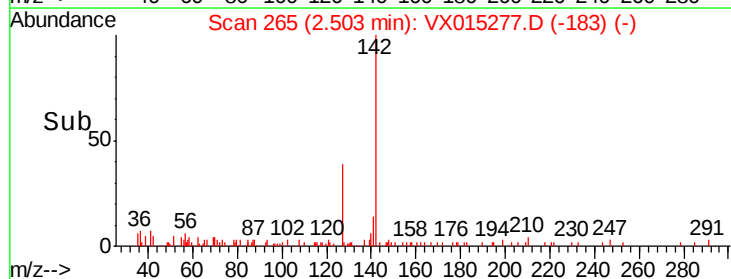
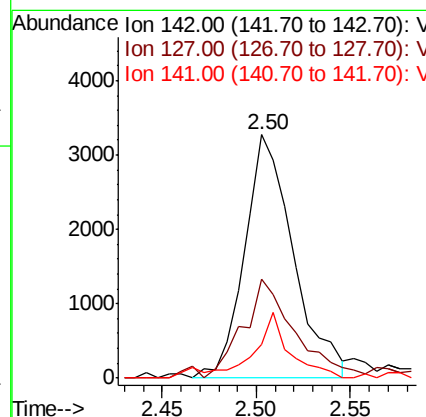
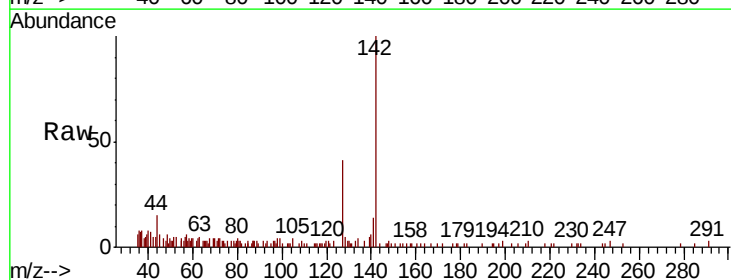
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

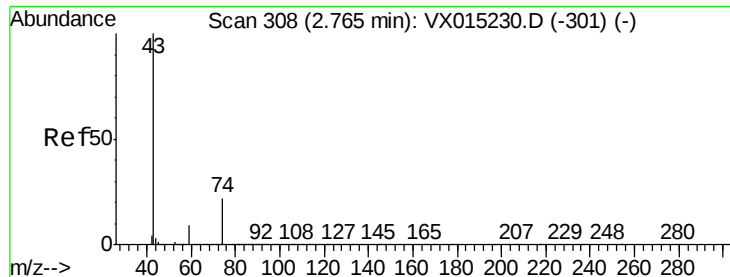
Tot Ion: 96 Resp: 6457
 Ion Ratio Lower Upper
 96 100
 61 161.5 126.2 189.2
 98 61.5 52.1 78.1



#11
 Methyl Iodide
 Concen: 1.954 ug/l
 RT: 2.50 min Scan# 265
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion: 142 Resp: 5879
 Ion Ratio Lower Upper
 142 100
 127 37.3 18.9 56.9
 141 12.0 6.6 19.7

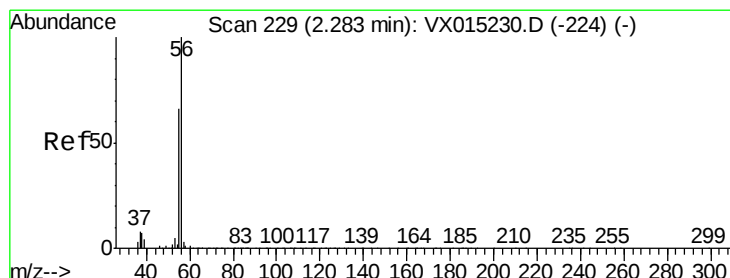
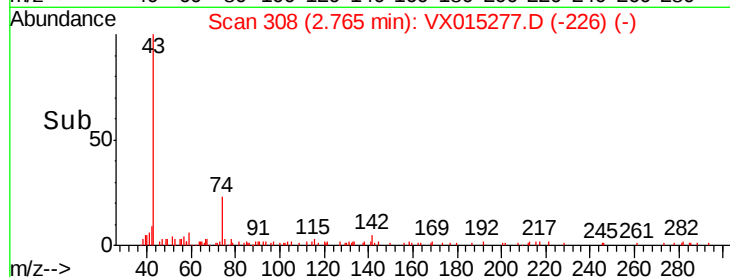
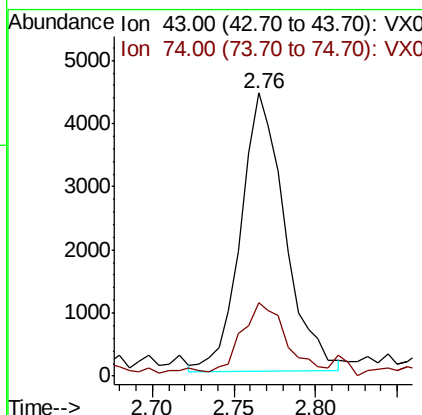
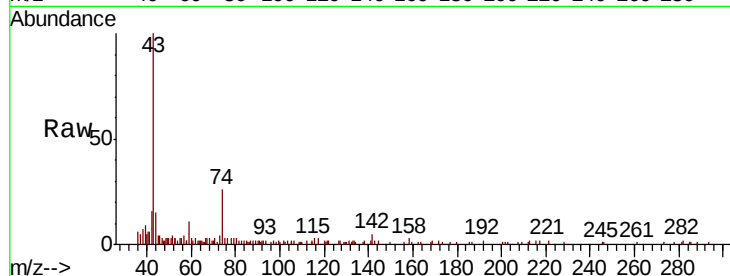




#12
Methvl Acetate
Concen: 2.296 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

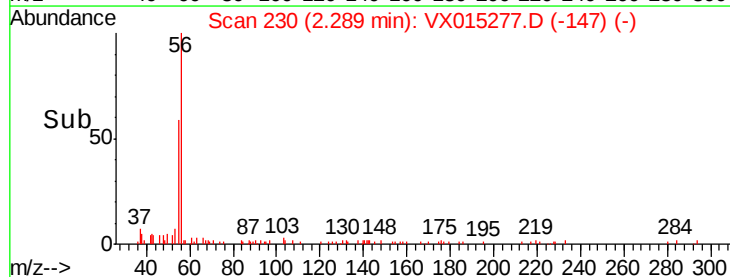
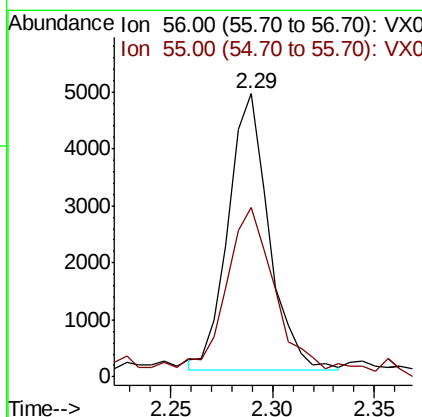
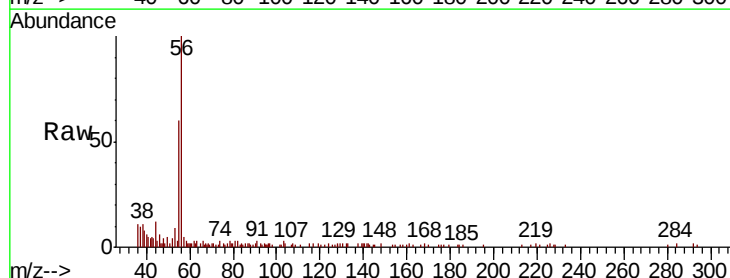
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

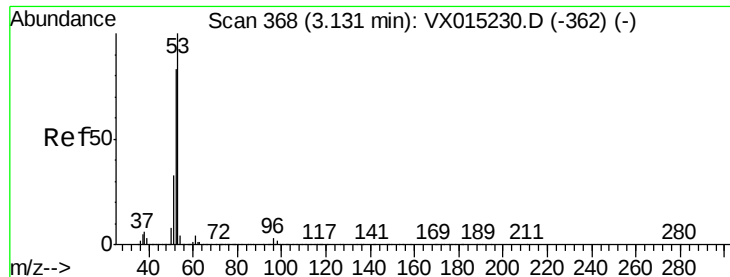
Tot Ion: 43 Resp: 8285
Ion Ratio Lower Upper
43 100
74 21.7 18.0 27.0



#13
Acrolein
Concen: 11.722 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 56 Resp: 6679
Ion Ratio Lower Upper
56 100
55 66.8 55.1 82.7





#14

Acrylonitrile

Concen: 11.927 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

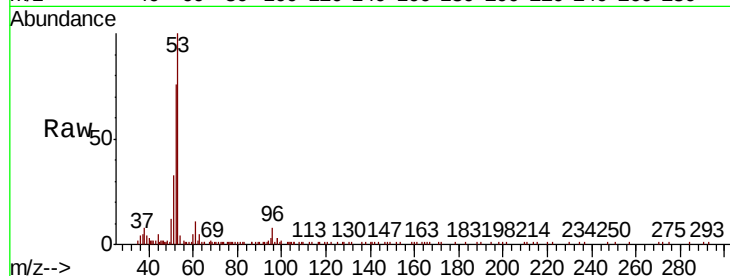
Tot Ion: 53 Resp: 19969

Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.5

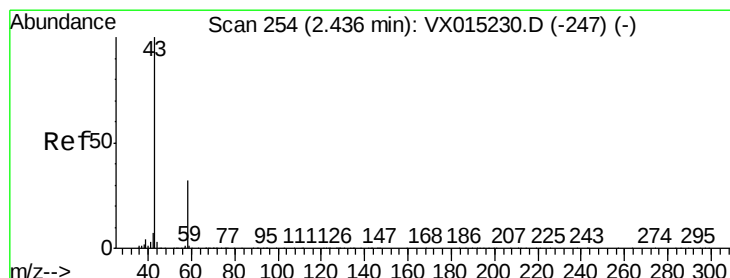
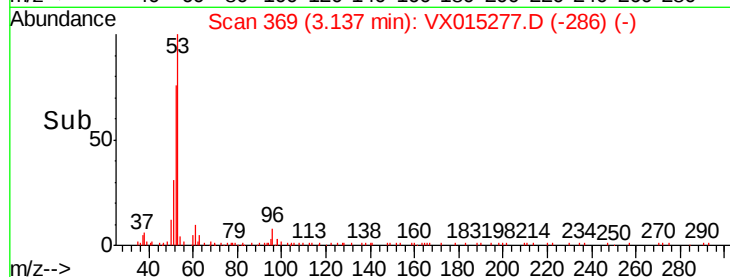
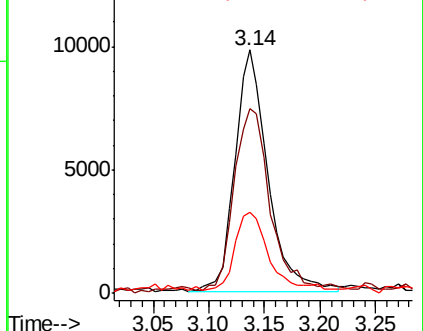
51 32.0 17.7 53.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#15

Acetone

Concen: 10.428 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015277.D

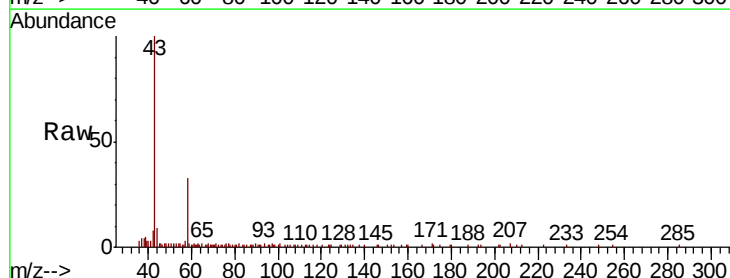
Acq: 13 Mar 2020 23:14

Tgt Ion: 58 Resp: 5123

Ion Ratio Lower Upper

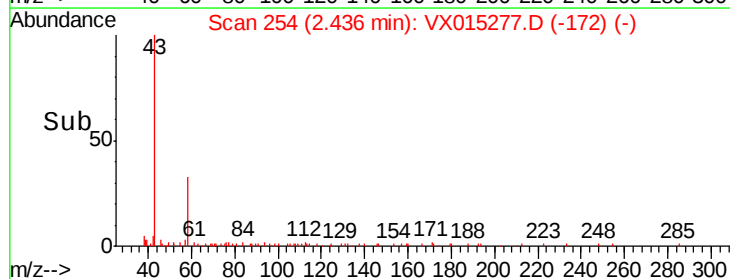
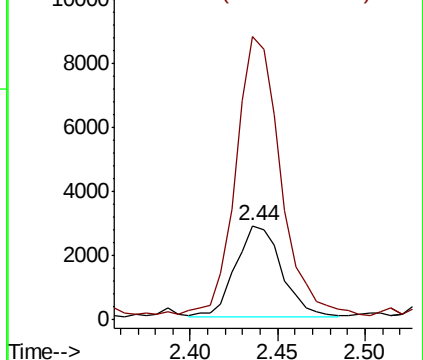
58 100

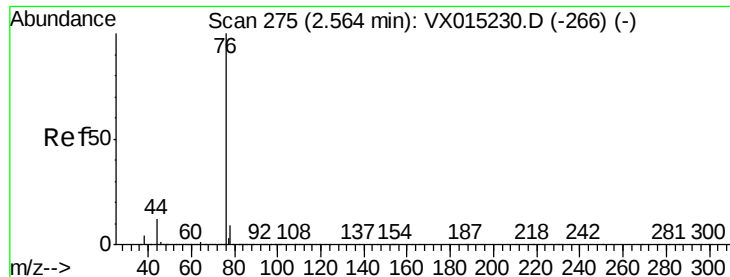
43 303.8 248.7 373.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#16

Carbon Disulfide

Concen: 2.444 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

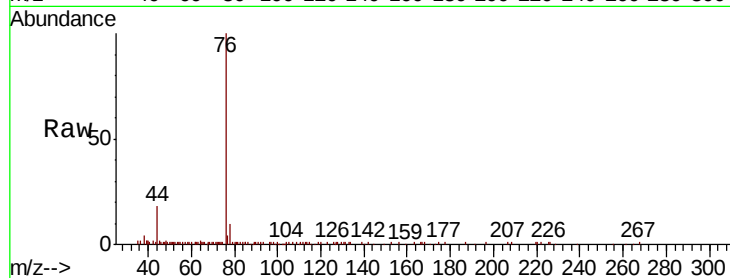
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 76 Resp: 20021

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

2.56

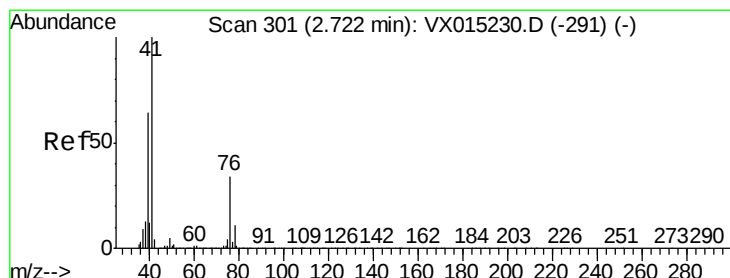
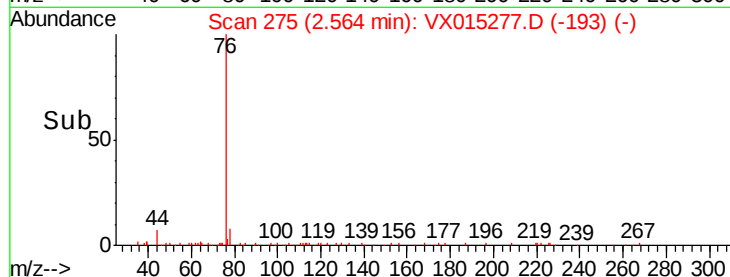
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#17

Allyl chloride

Concen: 2.080 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

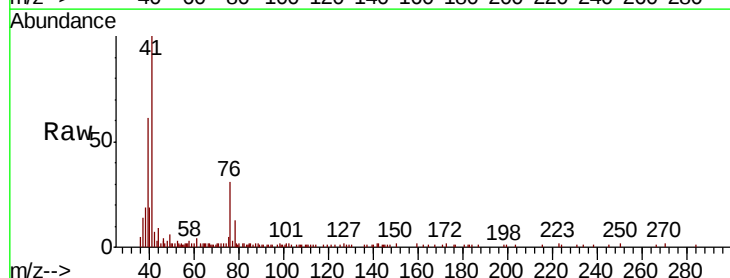
Tgt Ion: 41 Resp: 11284

Ion Ratio Lower Upper

41 100

39 61.6 32.1 96.5

76 30.8 17.2 51.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0

8000

6000

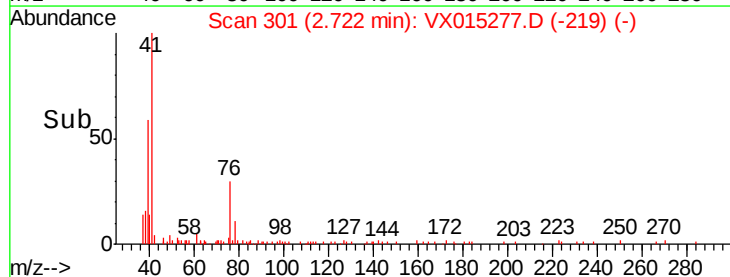
4000

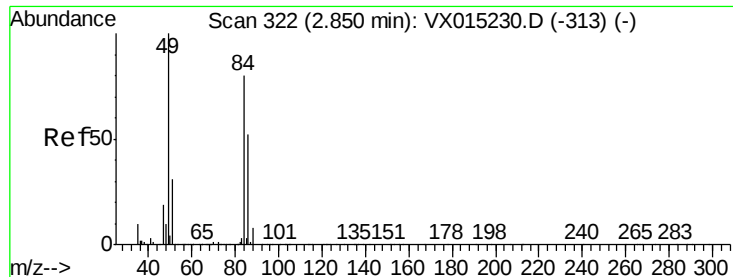
2000

0

Time-->

2.65 2.70 2.75 2.80

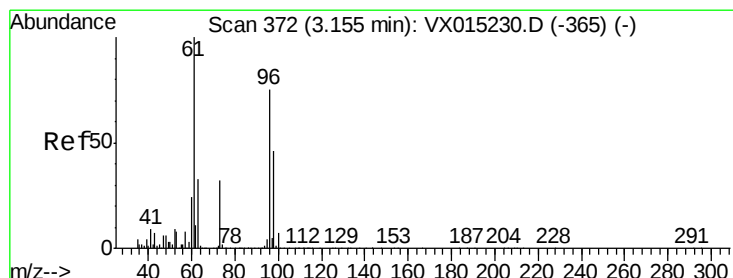
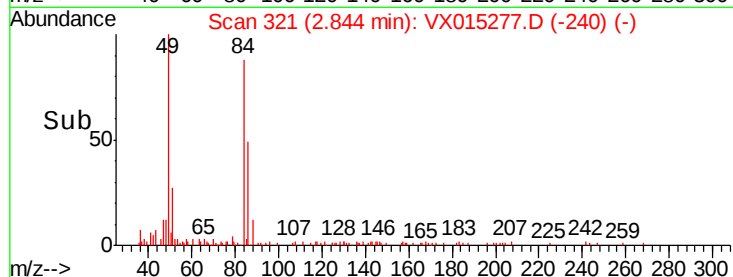
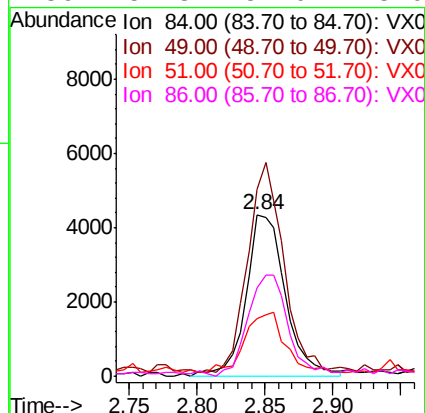
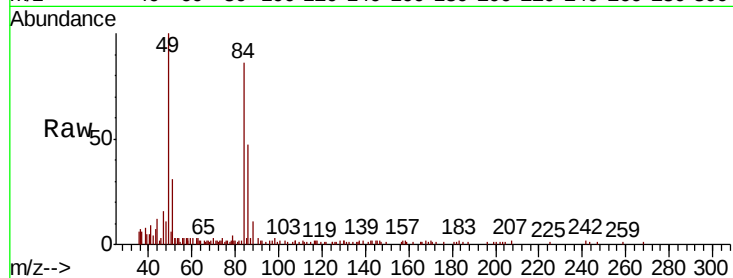




#18
Methvlene Chloride
Concen: 2.668 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

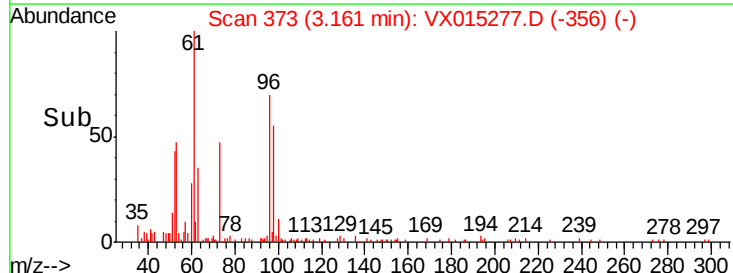
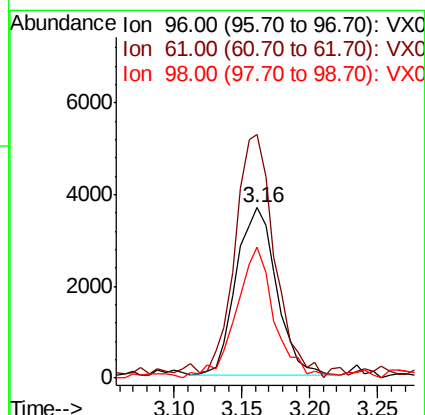
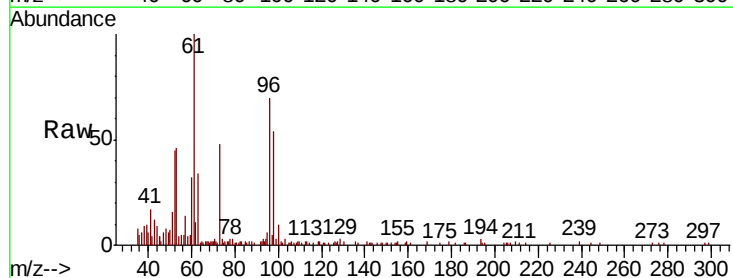
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

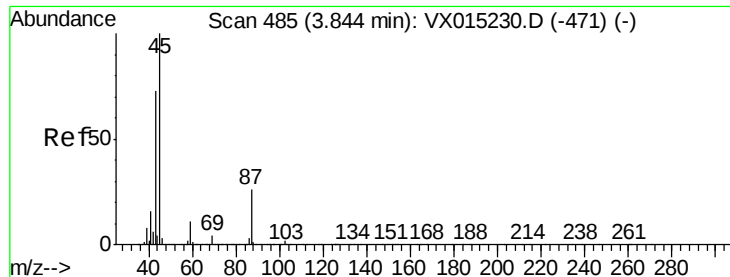
Tot Ion:	84	Resp:	8820
Ion	Ratio	Lower	Upper
84	100		
49	111.5	99.5	149.3
51	33.1	31.0	46.6
86	52.8	52.0	78.0



#19
trans-1,2-Dichloroethene
Concen: 2.399 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion:	96	Resp:	7568
Ion	Ratio	Lower	Upper
96	100		
61	139.8	106.3	159.5
98	76.8	49.1	73.7#

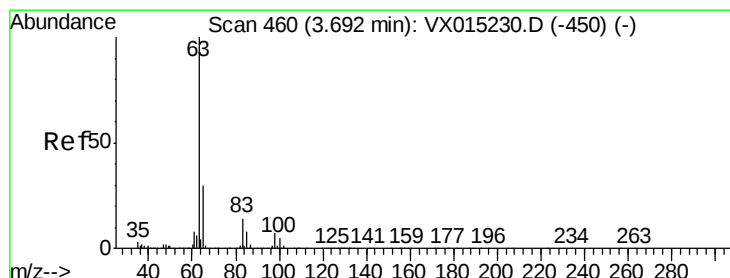
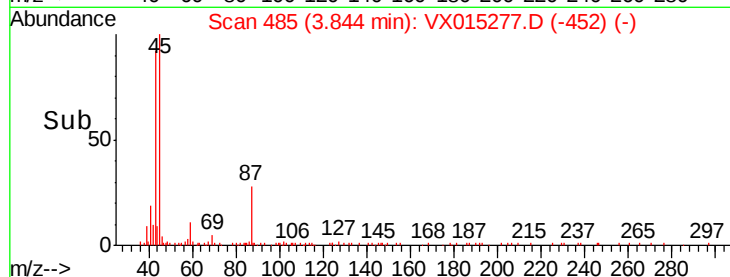
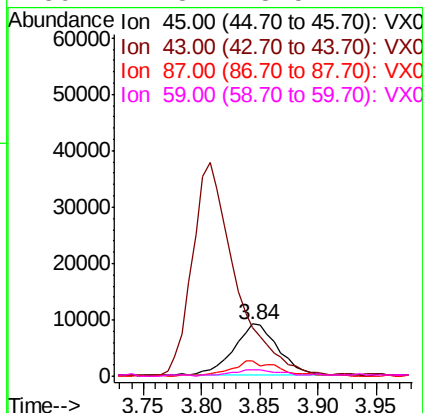
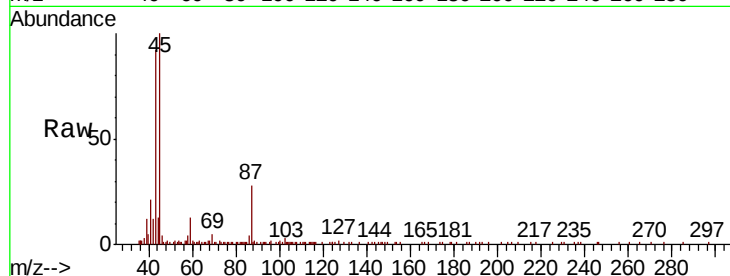




#20
Diisopropyl ether
Concen: 2.220 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

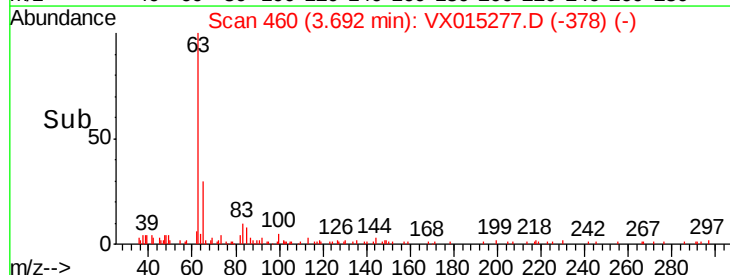
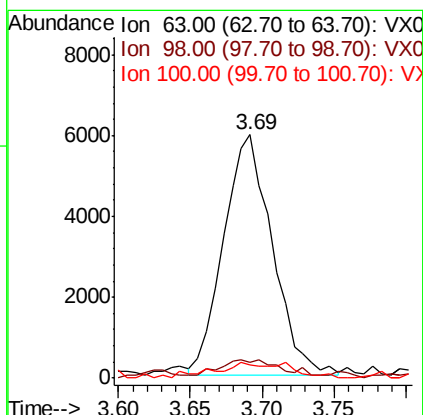
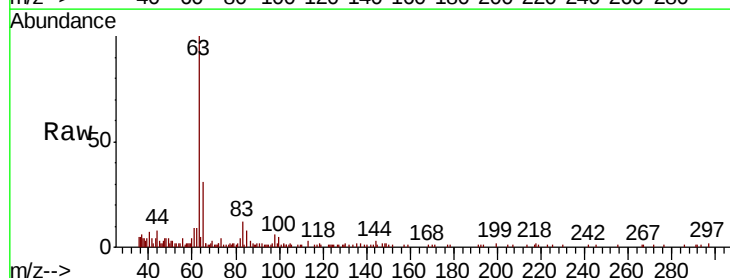
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

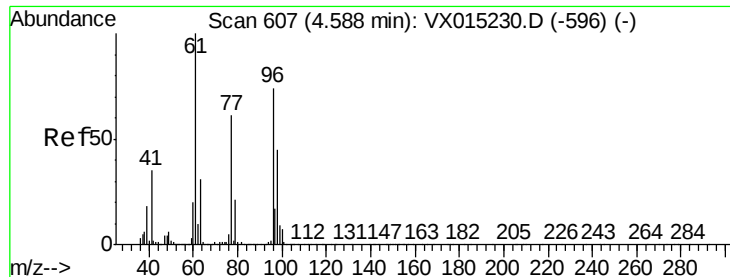
Tot Ion:	45	Resp:	23928
Ion	Ratio	Lower	Upper
45	100		
43	89.3	58.6	87.8#
87	27.5	21.0	31.4
59	11.8	8.5	12.7



#21
1,1-Dichloroethane
Concen: 2.448 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion:	63	Resp:	13979
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.5	10.6
100	5.2	2.4	7.1



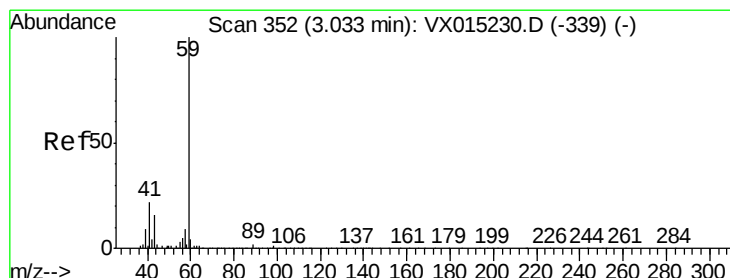
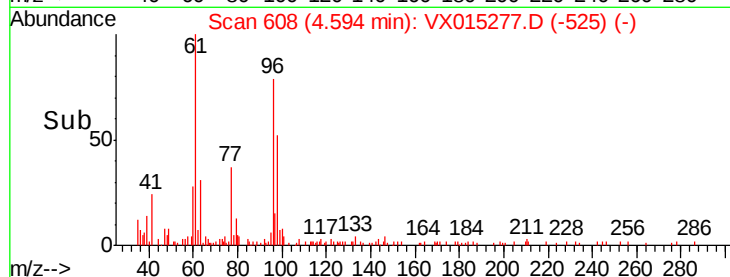
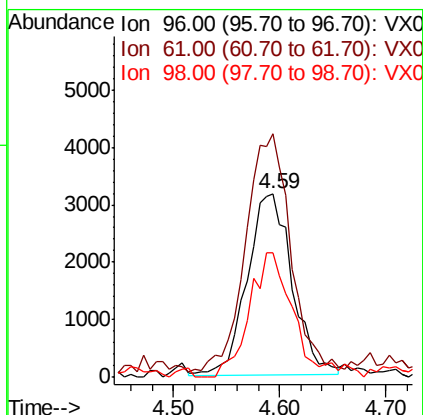
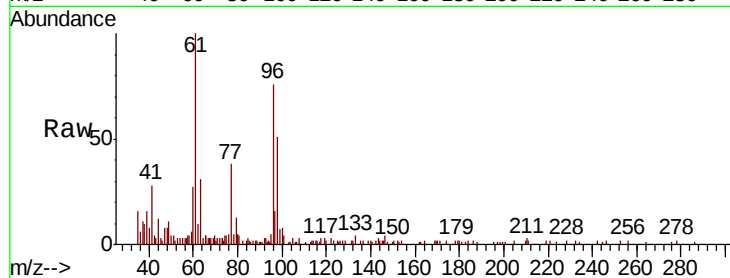


#22

cis-1,2-Dichloroethene
Concen: 2.614 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

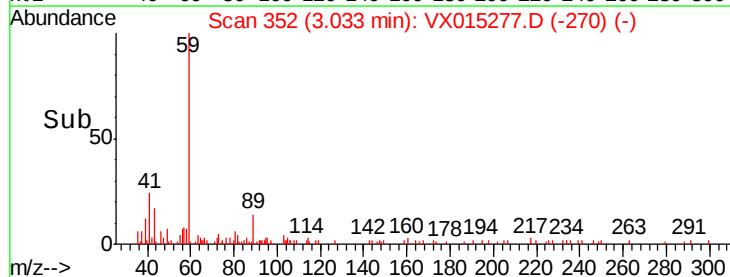
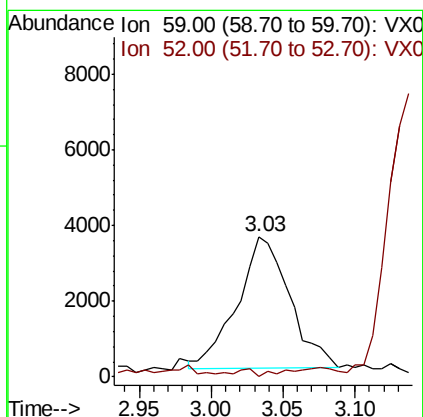
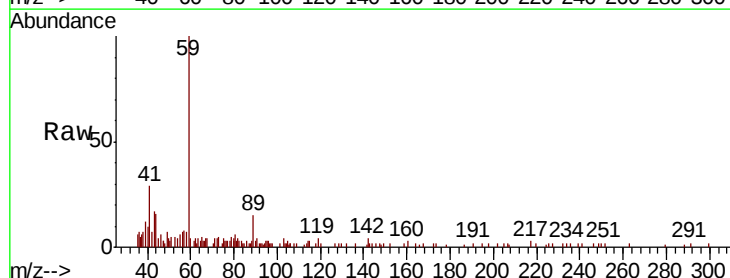
Tot Ion: 96 Resp: 9321
Ion Ratio Lower Upper
96 100
61 127.9 111.4 167.0
98 63.9 50.1 75.1

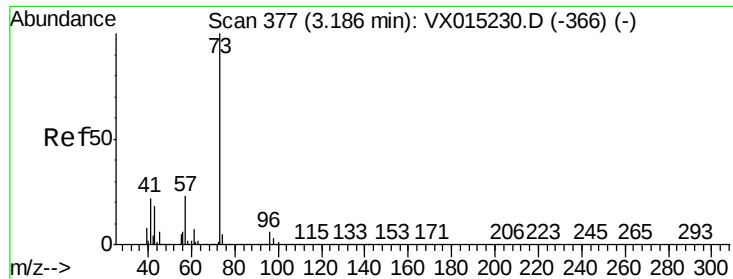


#23

tert-Butyl Alcohol
Concen: 13.375 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 59 Resp: 8755
Ion Ratio Lower Upper
59 100
52 1.7 0.4 0.6#



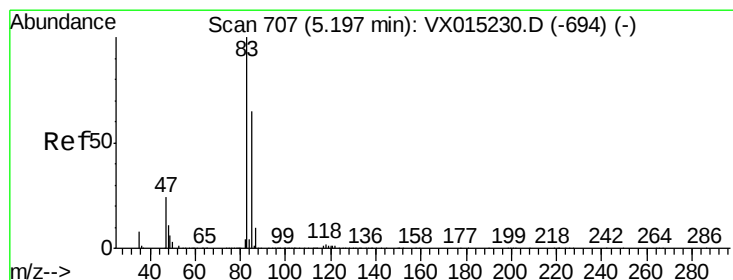
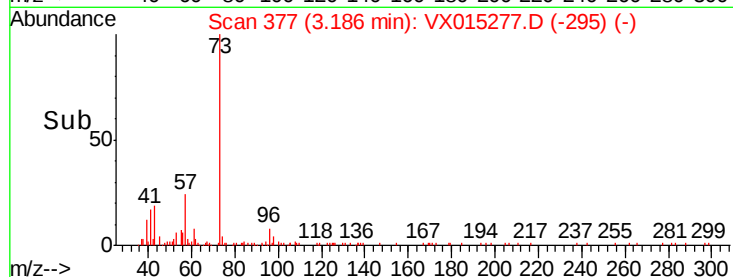
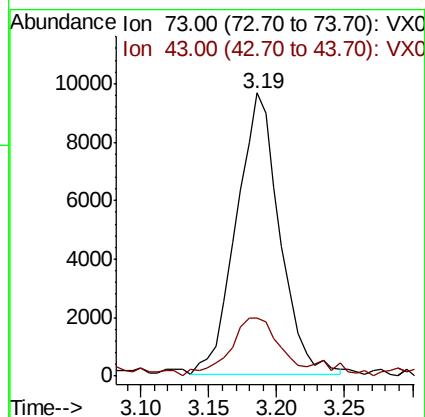
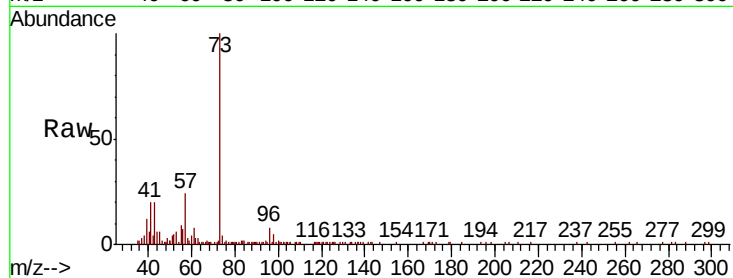


#24

Methyl tert-Butyl Ether
 Concen: 2.273 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

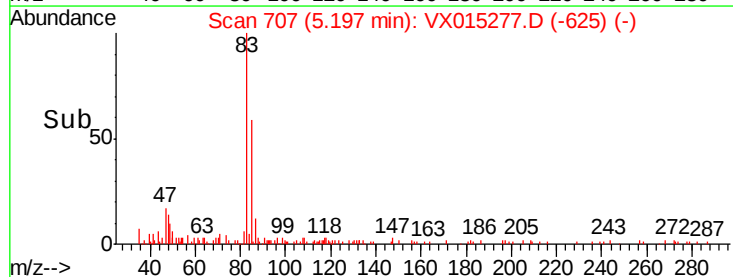
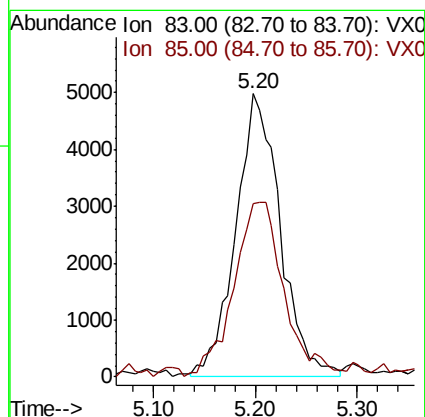
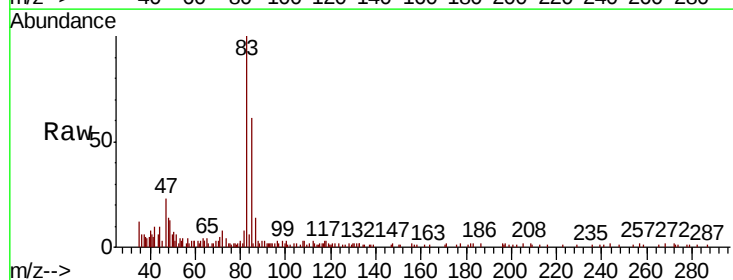
Tot Ion: 73 Resp: 21480
 Ion Ratio Lower Upper
 73 100
 43 23.6 15.9 23.9

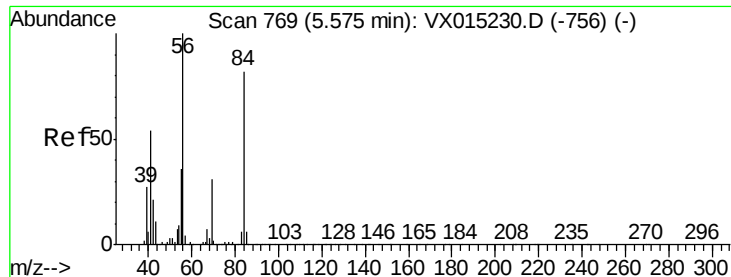


#25

Chloroform
 Concen: 2.780 ug/l
 RT: 5.20 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion: 83 Resp: 15105
 Ion Ratio Lower Upper
 83 100
 85 60.3 51.4 77.2

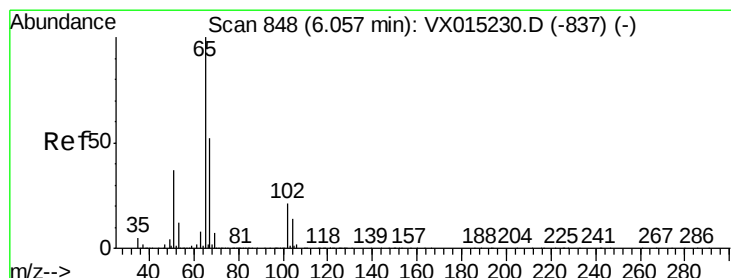
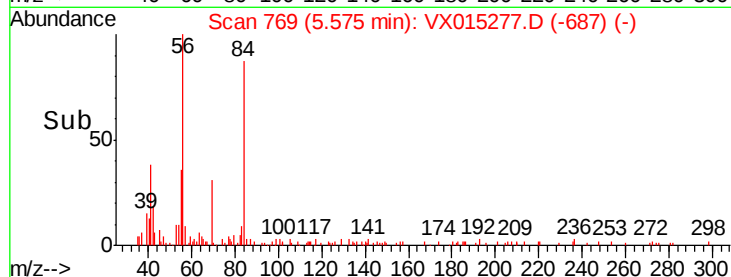
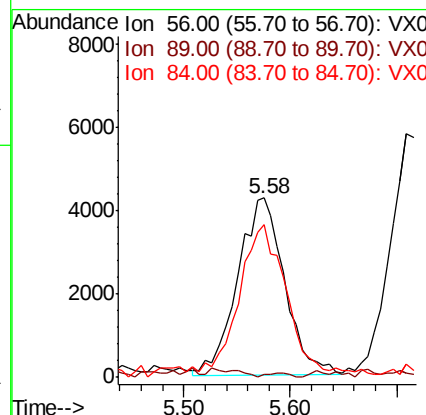
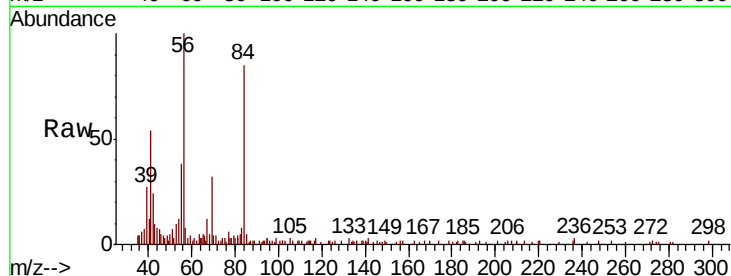




#26
Cyclohexane
Concen: 2.487 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

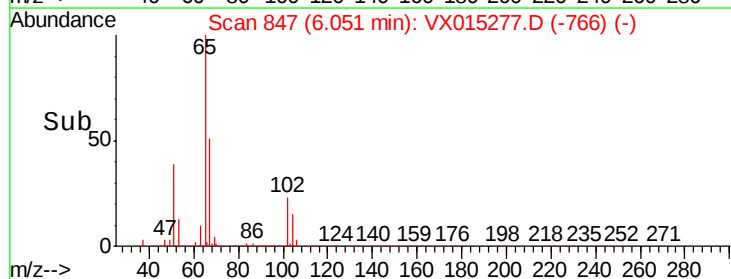
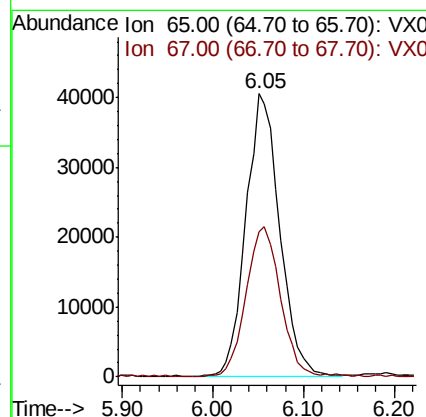
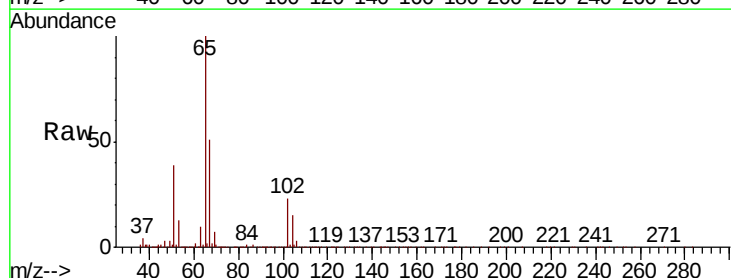
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

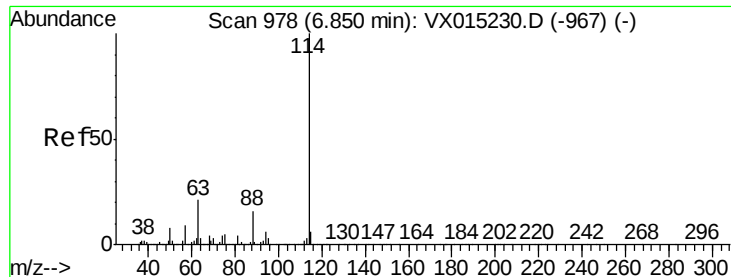
Tot Ion: 56 Resp: 13200
Ion Ratio Lower Upper
56 100
89 1.1 0.1 0.1#
84 78.6 68.2 102.4



#27
1,2-Dichloroethane-d4
Concen: 31.025 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 65 Resp: 105108
Ion Ratio Lower Upper
65 100
67 53.6 43.5 65.3

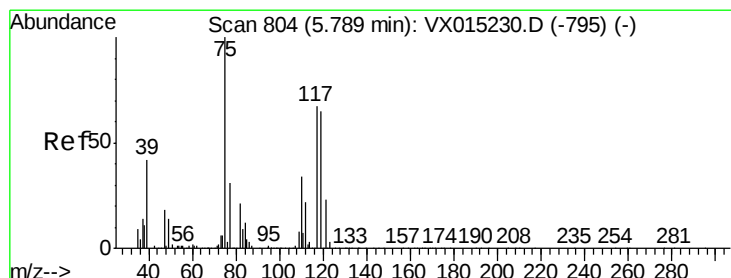
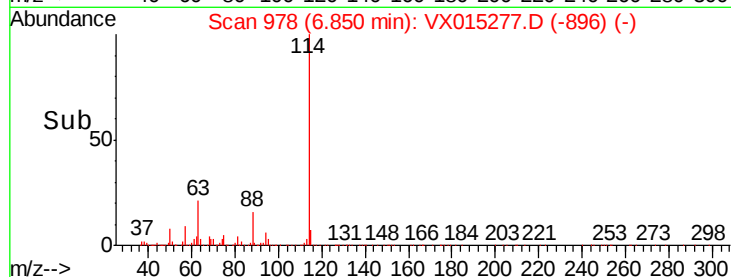
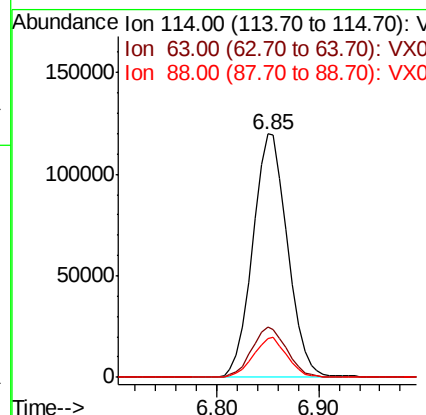
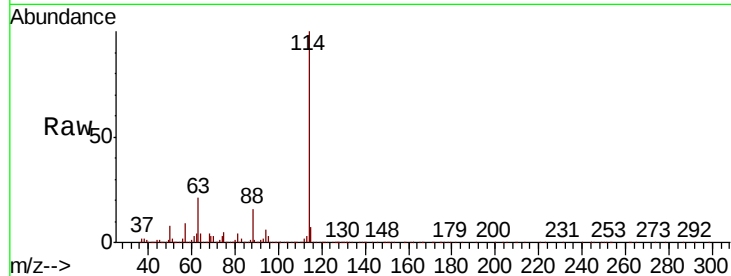




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

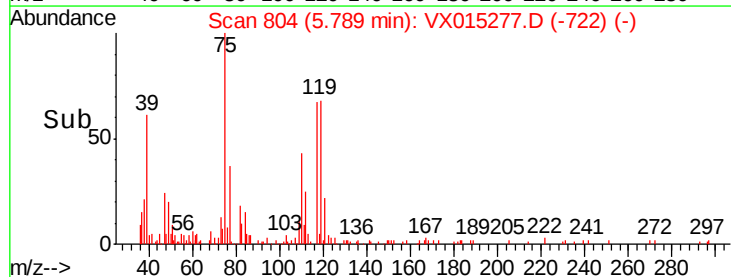
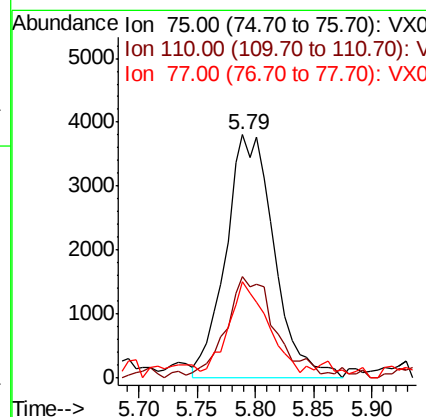
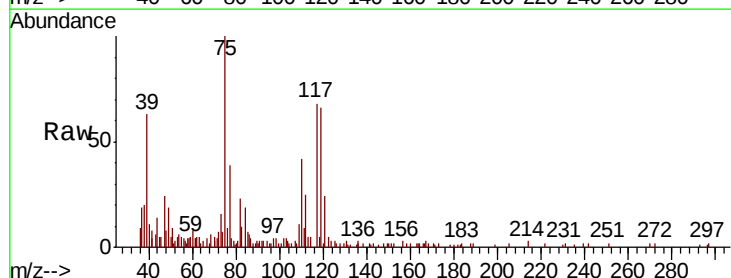
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

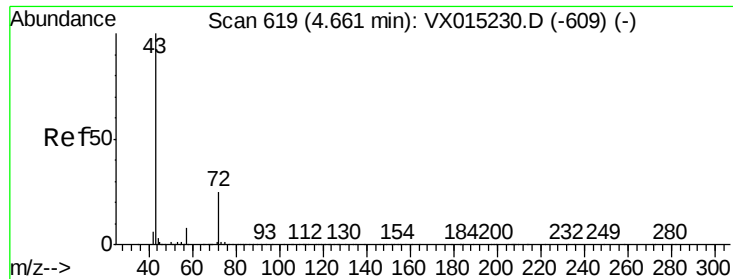
Tot Ion:114 Resp: 284924
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.6 24.8
 88 15.7 12.6 19.0



#29
 1,1-Dichloropropene
 Concen: 2.514 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion: 75 Resp: 10990
 Ion Ratio Lower Upper
 75 100
 110 20.6 0.0 73.6
 77 30.4 0.0 63.4

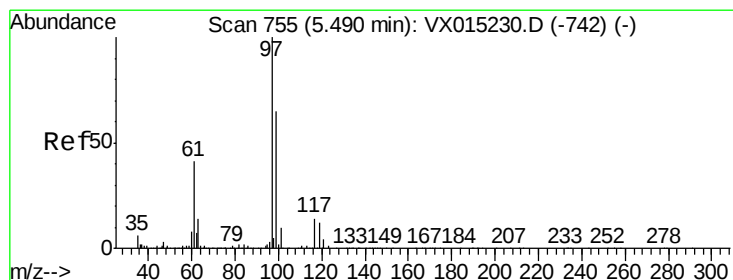
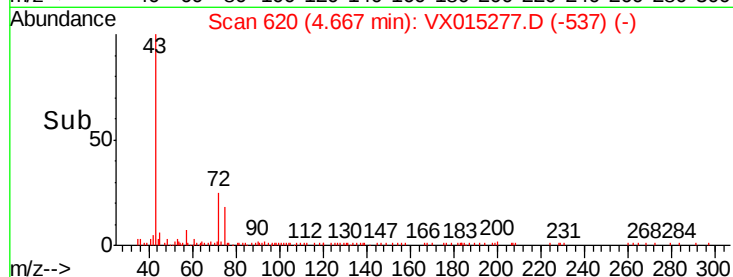
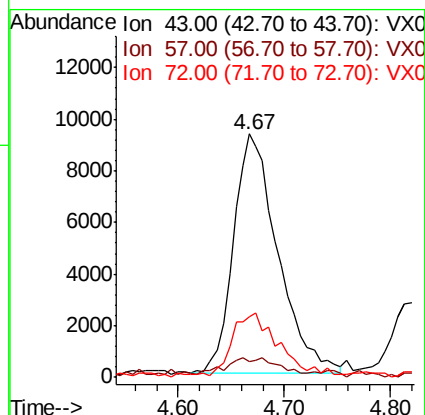
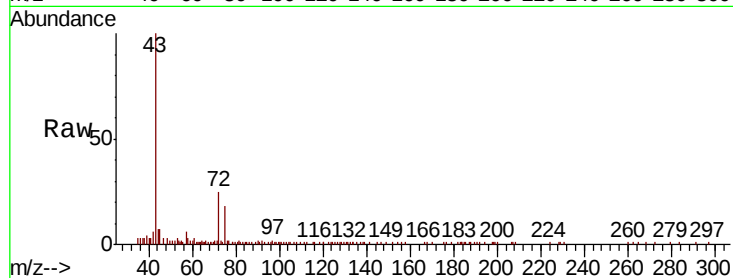




#30
2-Butanone
Concen: 11.536 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

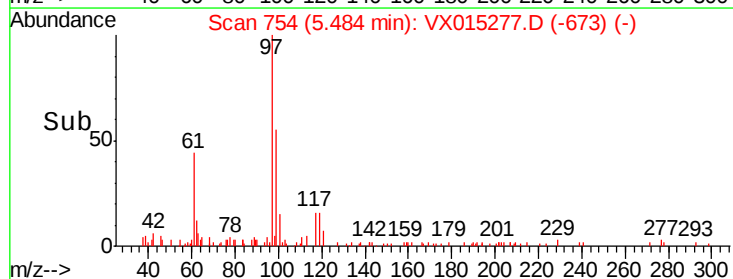
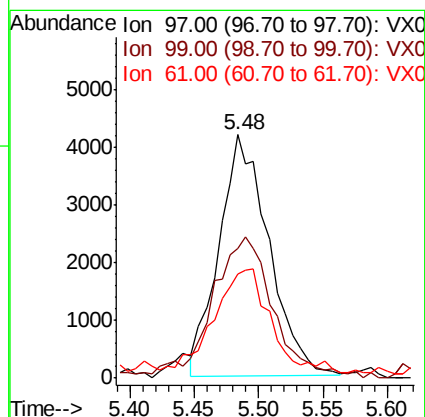
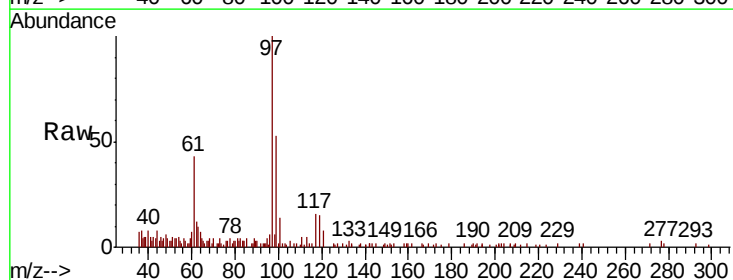
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

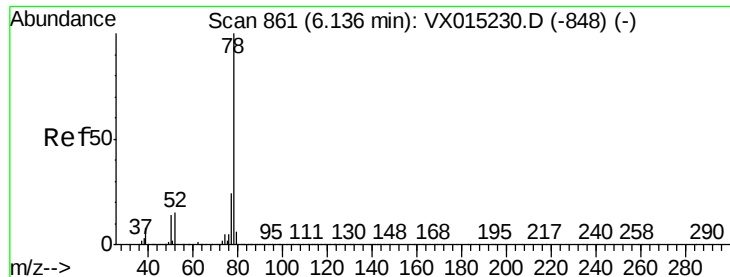
Tot Ion: 43 Resp: 27010
Ion Ratio Lower Upper
43 100
57 2.9 6.4 9.6#
72 0.0 19.9 29.9#



#32
1,1,1-Trichloroethane
Concen: 2.361 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 97 Resp: 11234
Ion Ratio Lower Upper
97 100
99 67.6 52.0 78.0
61 39.2 35.0 52.6





#34

Benzene

Concen: 2.428 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

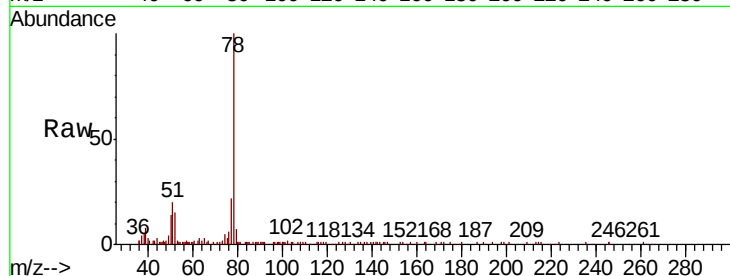
Tot Ion: 78 Resp: 32174

Ion Ratio Lower Upper

78 100

77 21.5 19.1 28.7

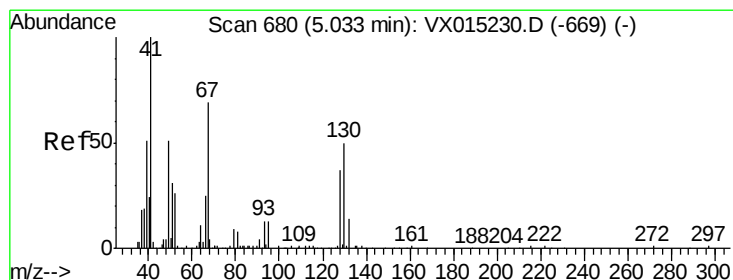
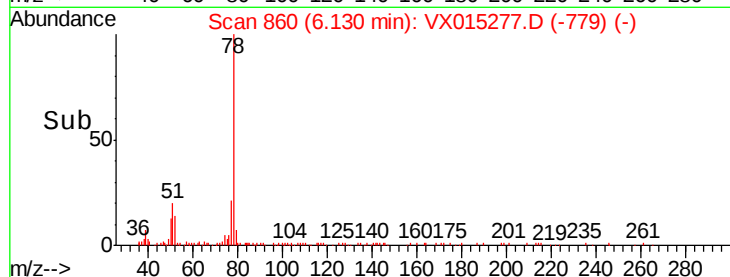
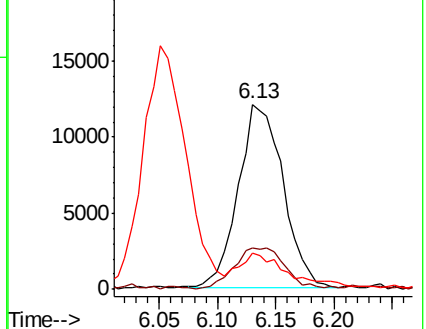
51 16.5 13.4 20.2



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: 1.433 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Tgt Ion: 41 Resp: 3628

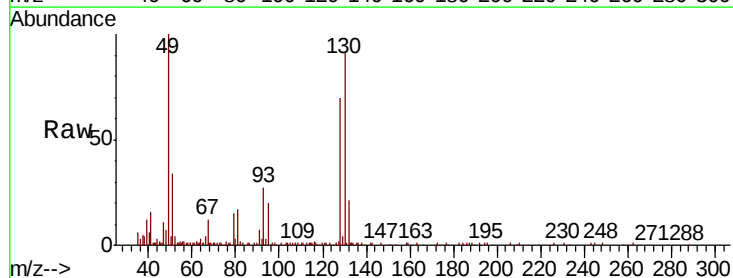
Ion Ratio Lower Upper

41 100

39 66.2 25.7 77.1

67 71.8 34.3 102.8

52 15.9 12.9 38.6

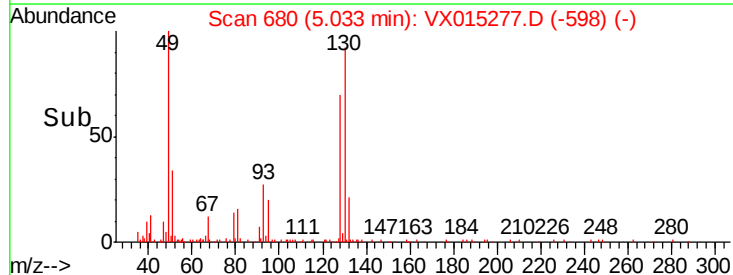
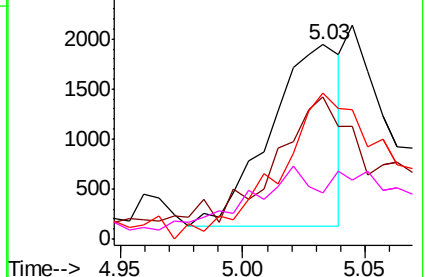


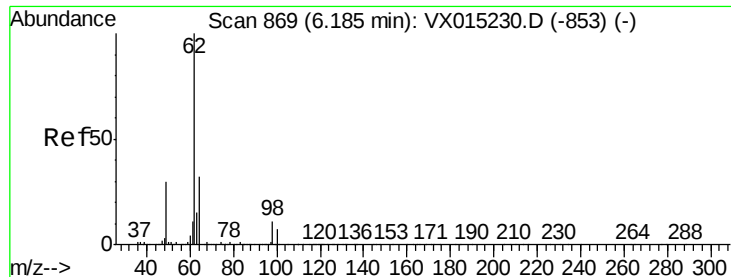
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#36

1,2-Dichloroethane

Concen: 2.418 ug/l

RT: 6.19 min Scan# 870

Delta R.T. -0.18 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

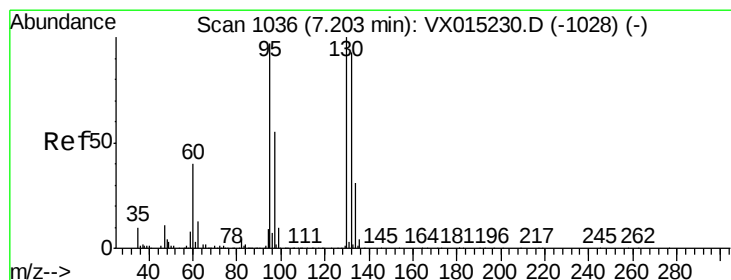
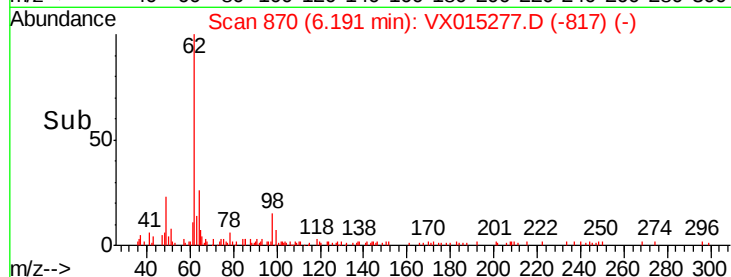
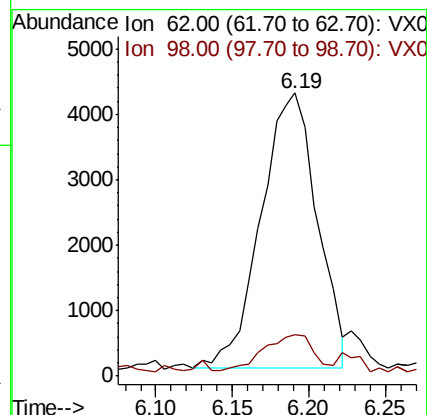
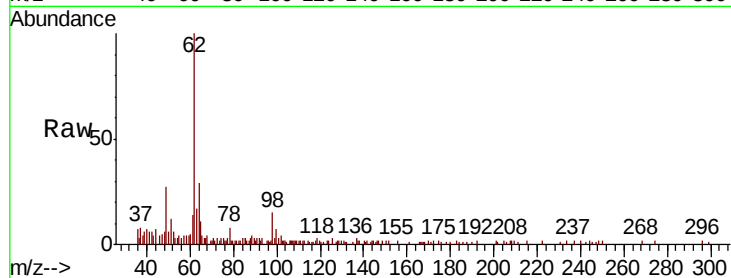
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 62 Resp: 10686

Ion Ratio Lower Upper

62 100

98 12.5 8.4 12.6



#37

Trichloroethene

Concen: 3.127 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX015277.D

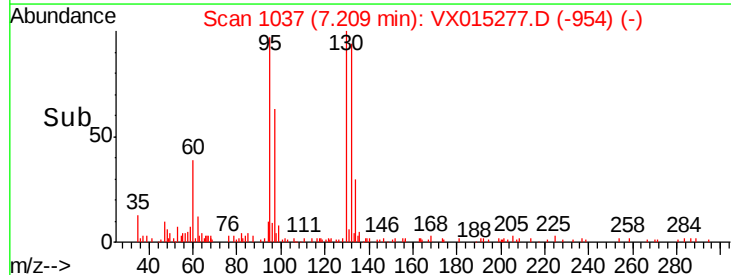
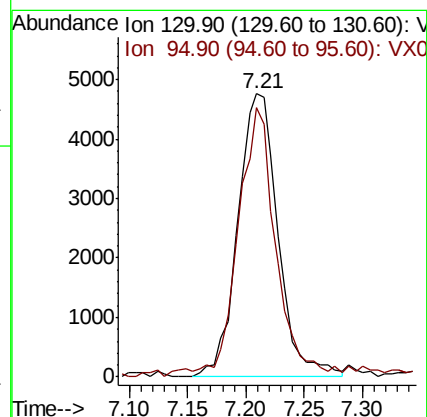
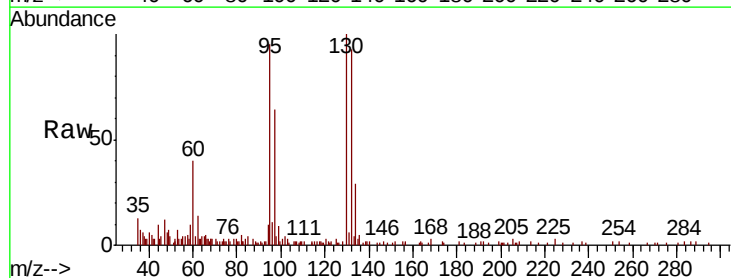
Acq: 13 Mar 2020 23:14

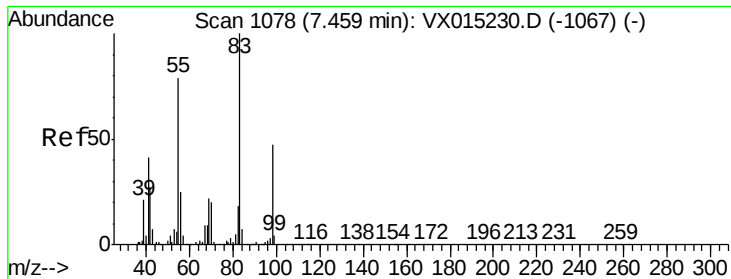
Tgt Ion:130 Resp: 11459

Ion Ratio Lower Upper

130 100

95 93.4 77.4 116.0

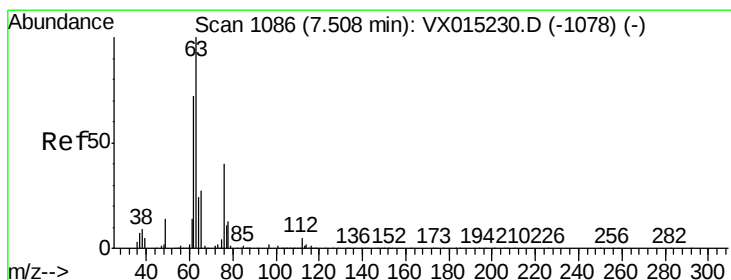
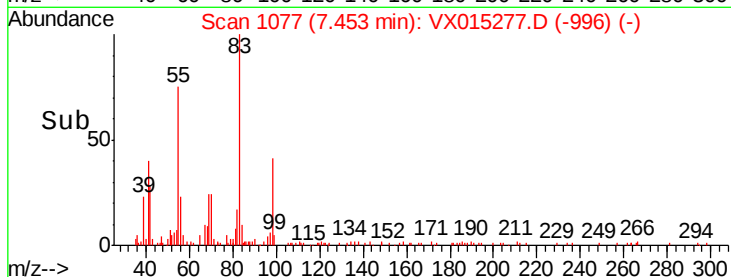
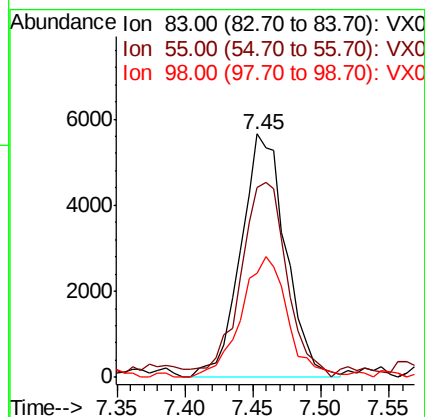
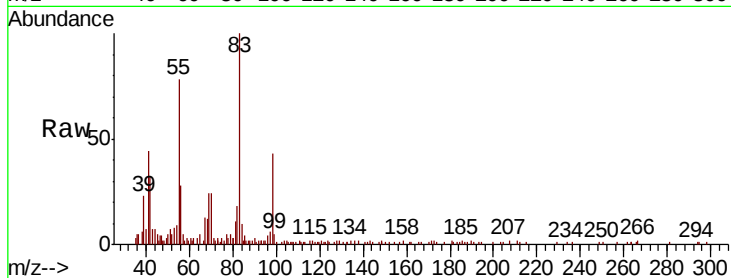




#38
Methvlcvclohexane
Concen: 2.461 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

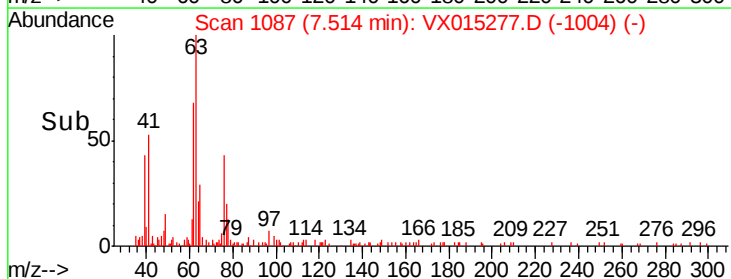
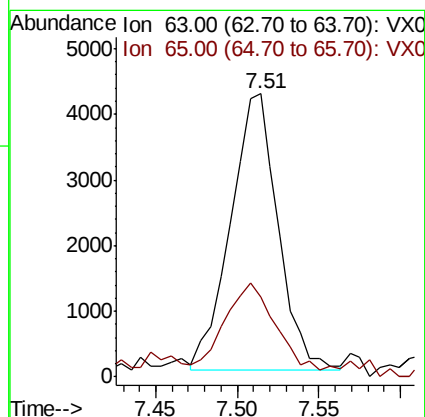
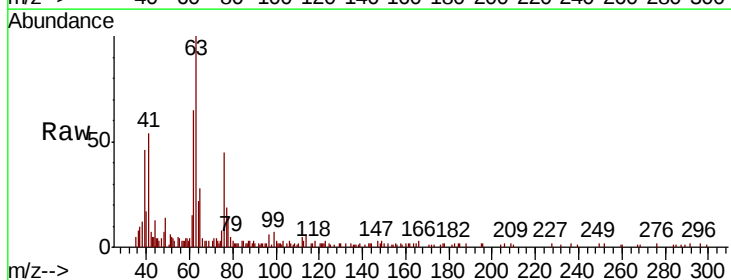
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

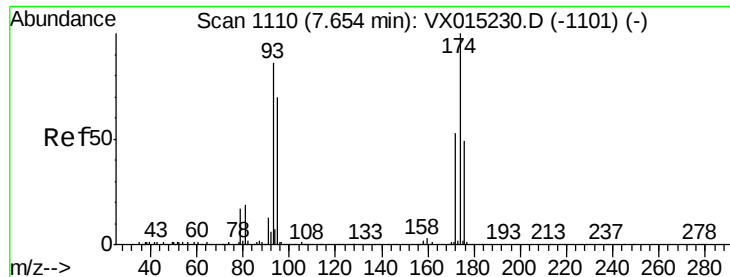
Tot Ion: 83 Resp: 13076
Ion Ratio Lower Upper
83 100
55 81.5 39.1 117.2
98 51.2 24.4 73.2



#39
1,2-Dichloropropane
Concen: 2.490 ug/l
RT: 7.51 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 63 Resp: 8523
Ion Ratio Lower Upper
63 100
65 26.0 23.2 34.8





#40

Dibromomethane

Concen: 2.793 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

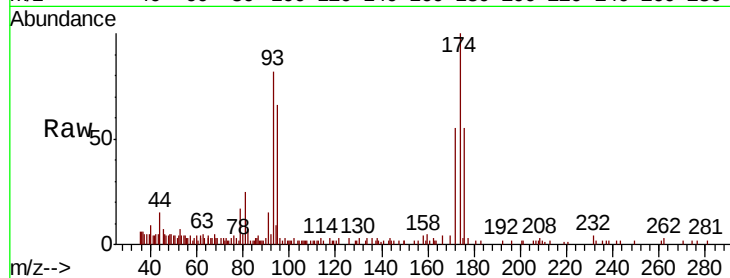
Tot Ion: 93 Resp: 6076

Ion Ratio Lower Upper

93 100

95 81.4 0.0 162.6

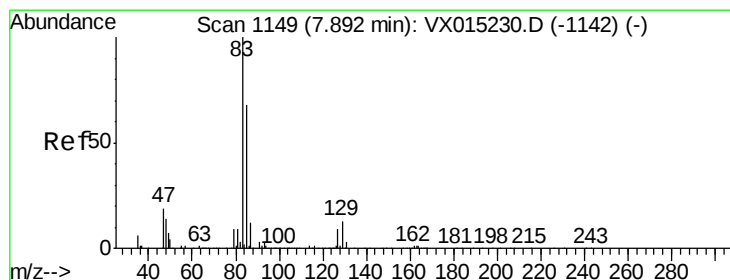
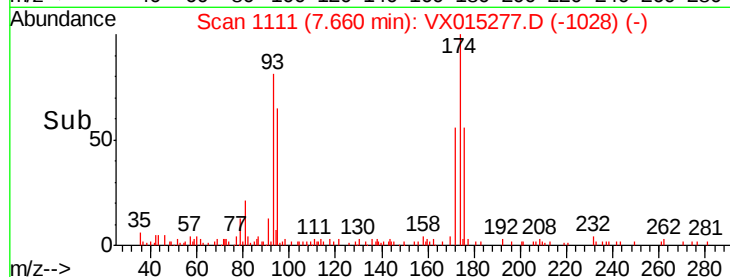
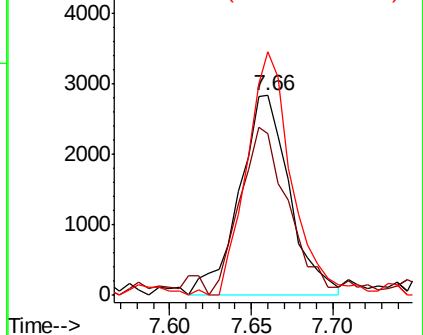
174 108.1 0.0 233.6



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



#41

Bromodichloromethane

Concen: 2.402 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

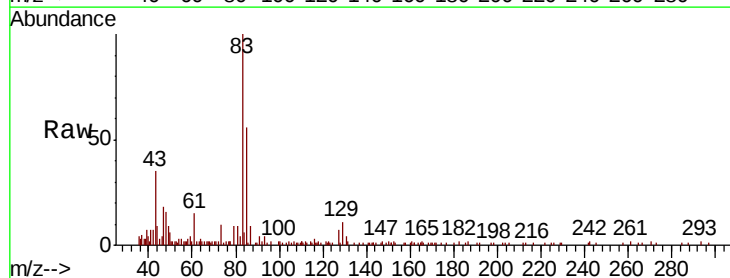
Tgt Ion: 83 Resp: 10334

Ion Ratio Lower Upper

83 100

85 55.8 54.2 81.4

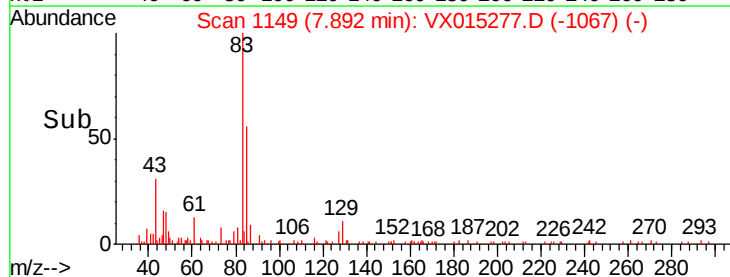
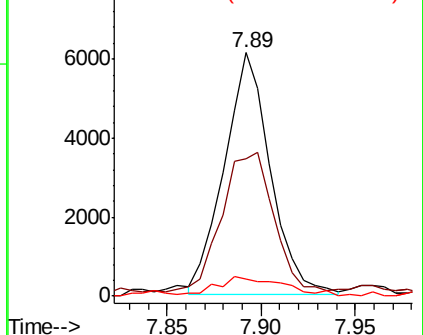
127 7.1 7.1 10.7#

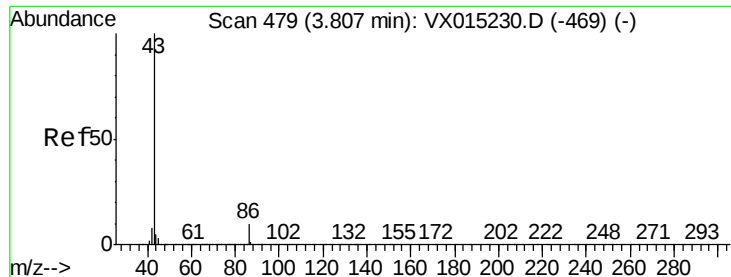


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 10.539 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

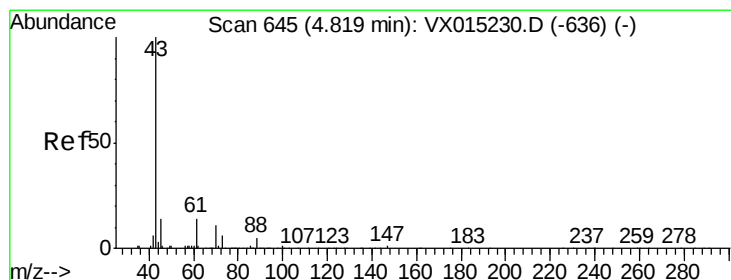
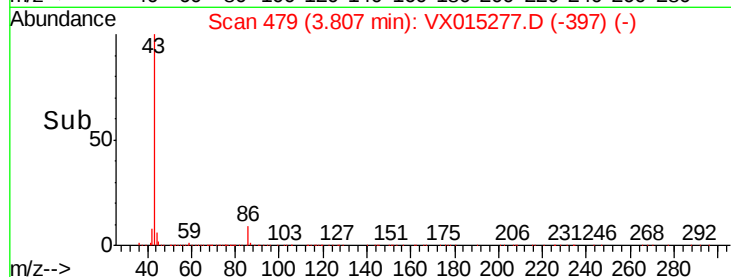
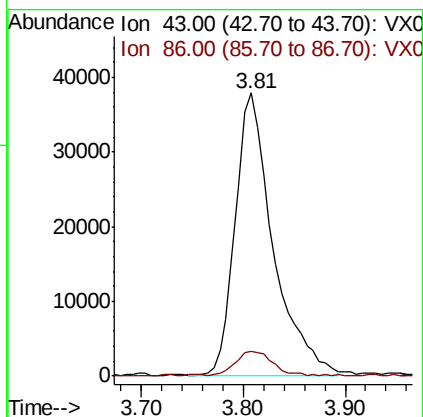
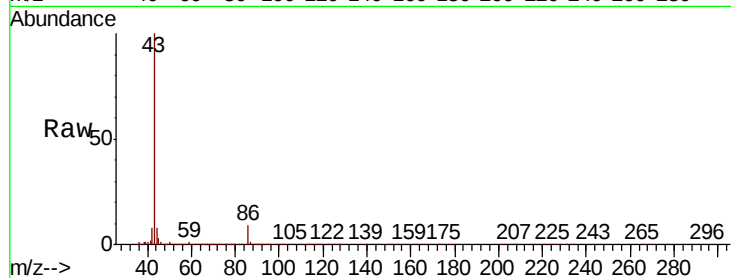
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 43 Resp: 97310

Ion Ratio Lower Upper

43 100

86 8.5 7.4 11.2



#43

Ethyl Acetate

Concen: 2.626 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX015277.D

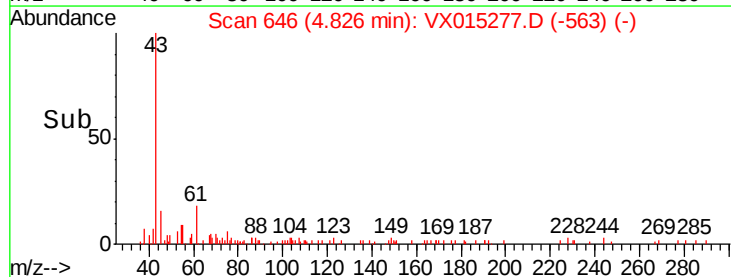
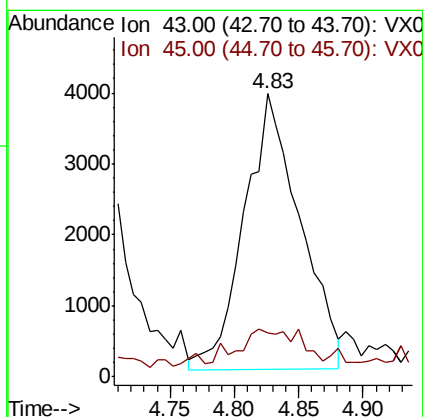
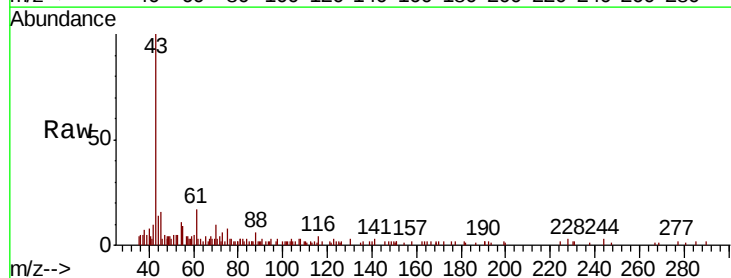
Acq: 13 Mar 2020 23:14

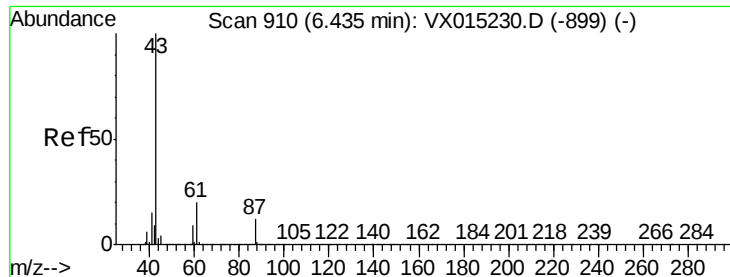
Tgt Ion: 43 Resp: 11668

Ion Ratio Lower Upper

43 100

45 3.3 11.7 17.5#



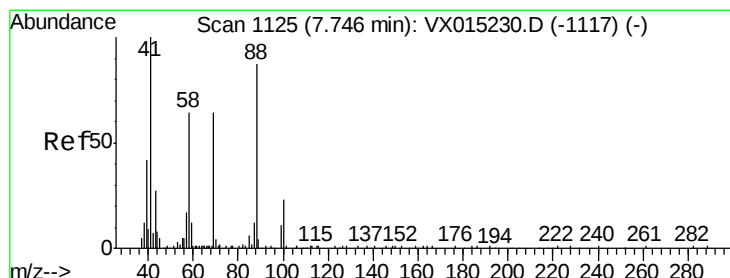
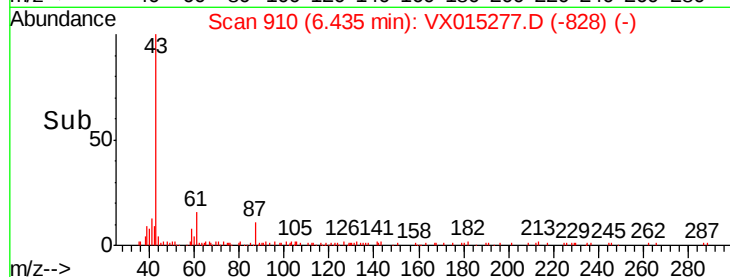
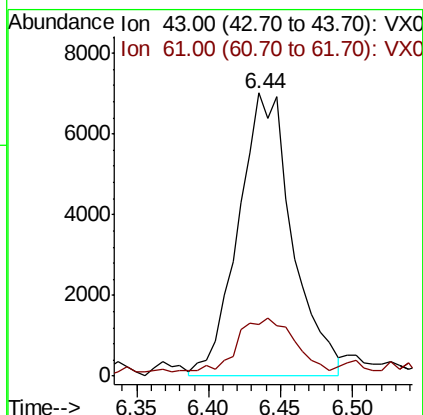
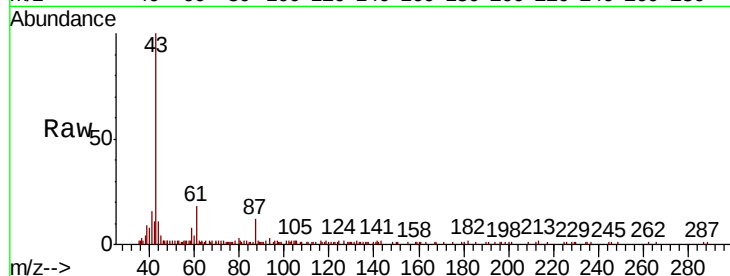


#44

Isopropyl Acetate
 Concen: 2.437 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

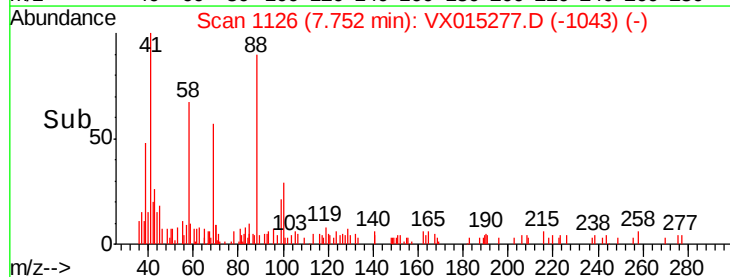
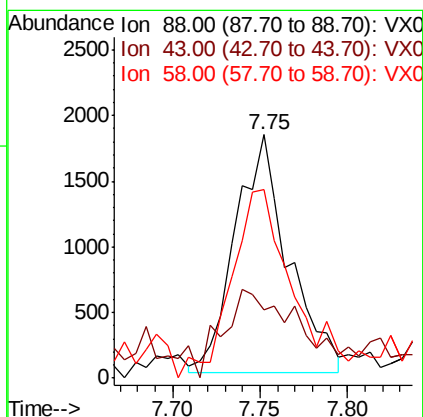
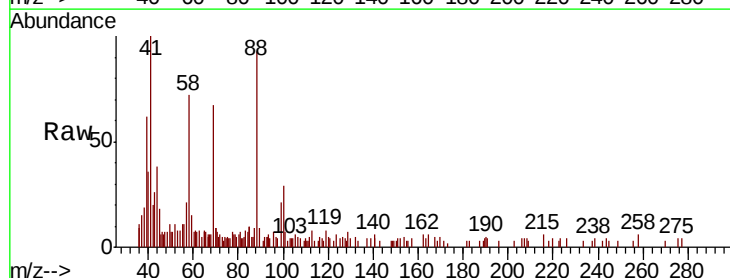
Tot Ion: 43 Resp: 18314
 Ion Ratio Lower Upper
 43 100
 61 20.1 17.0 25.4

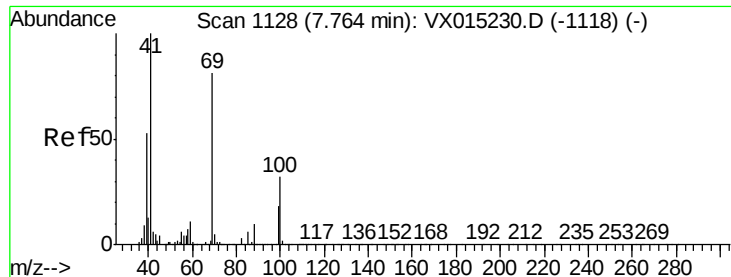


#45

1,4-Dioxane
 Concen: 52.180 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion: 88 Resp: 3851
 Ion Ratio Lower Upper
 88 100
 43 12.3 26.4 39.6#
 58 68.6 57.3 85.9

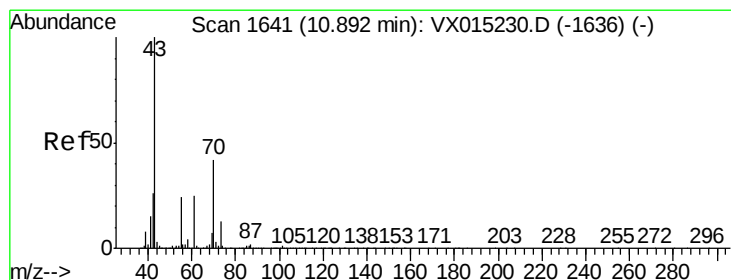
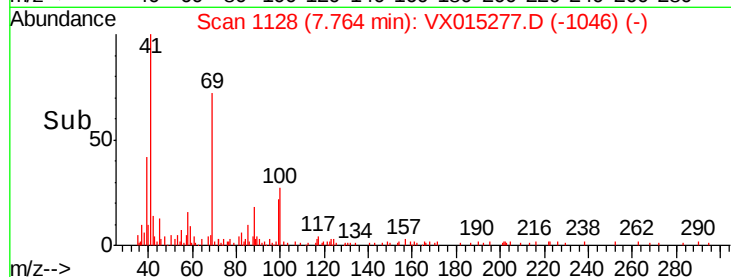
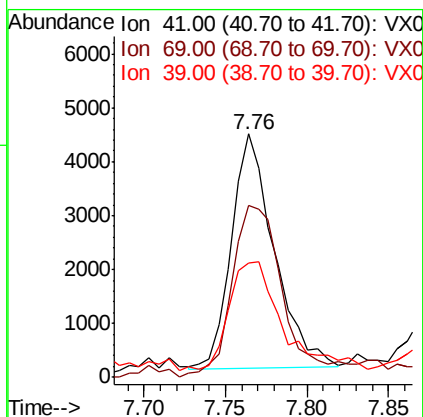
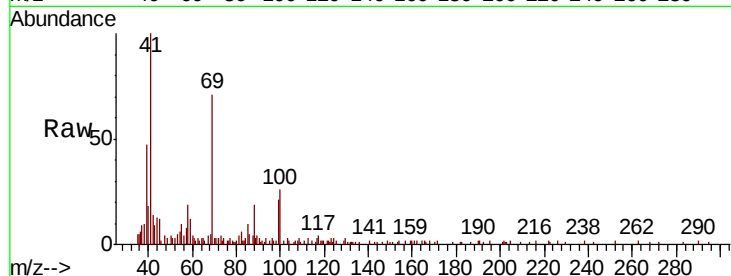




#46
Methyl methacrylate
Concen: 2.139 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

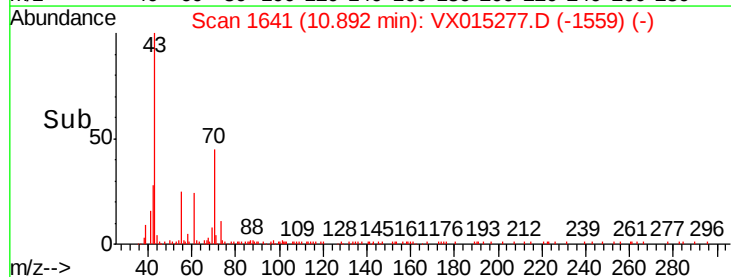
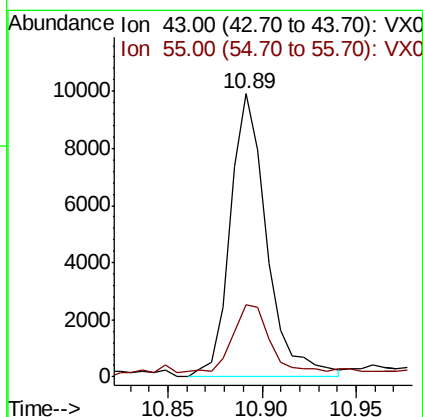
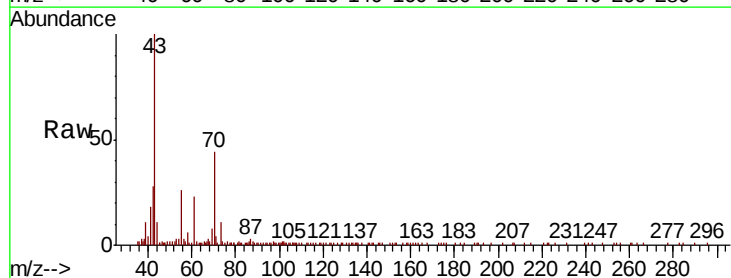
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

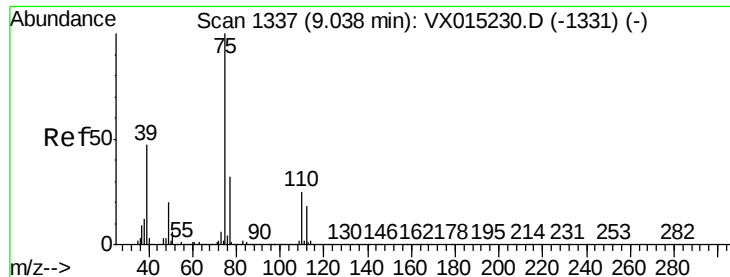
Tot Ion: 41 Resp: 7924
Ion Ratio Lower Upper
41 100
69 72.1 40.5 121.4
39 45.1 26.6 79.8



#47
n-ethyl Acetate
Concen: 1.976 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 43 Resp: 13321
Ion Ratio Lower Upper
43 100
55 23.6 20.4 30.6

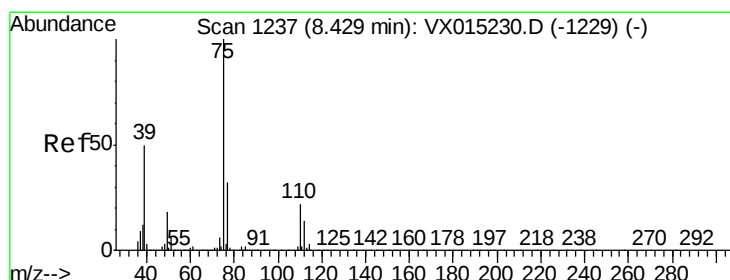
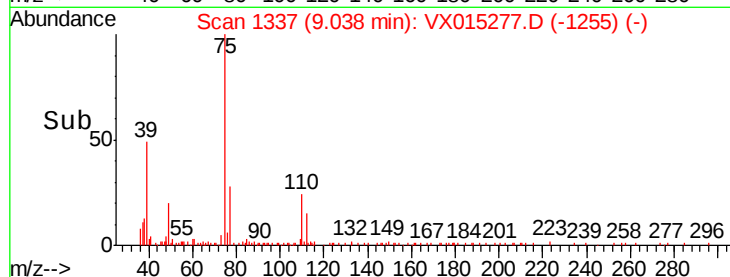
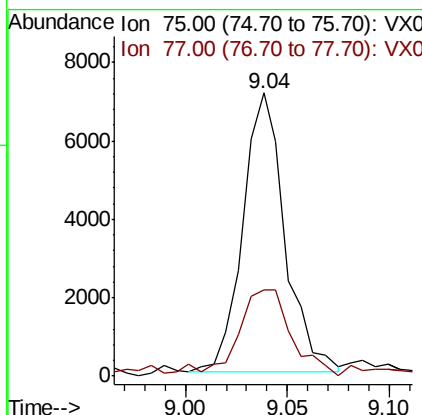
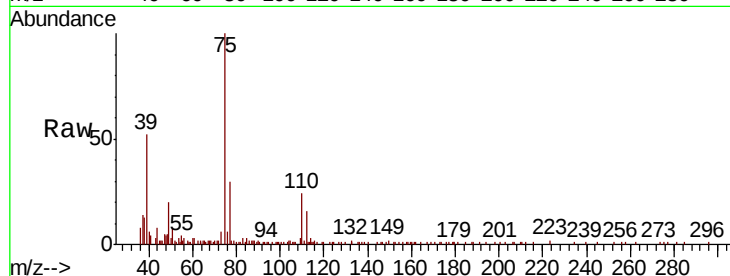




#48
t-1,3-Dichloropropene
Concen: 2.169 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

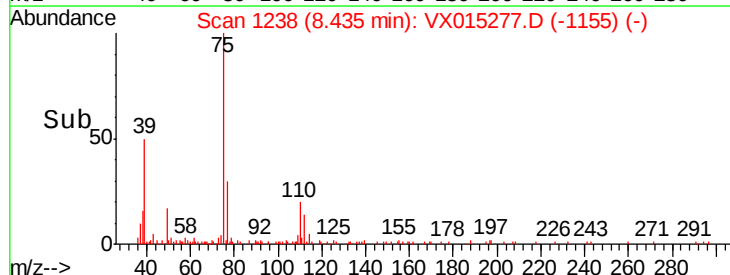
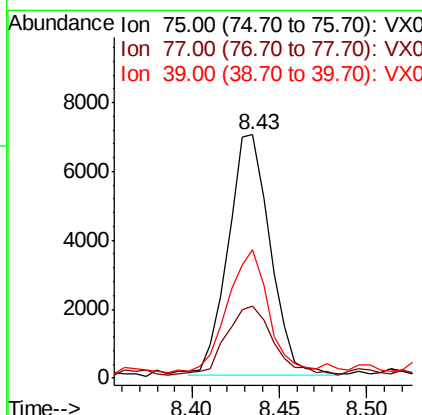
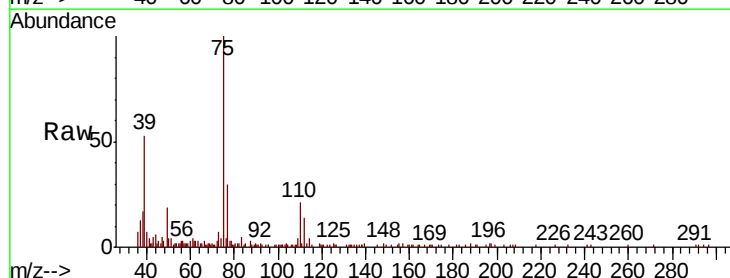
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

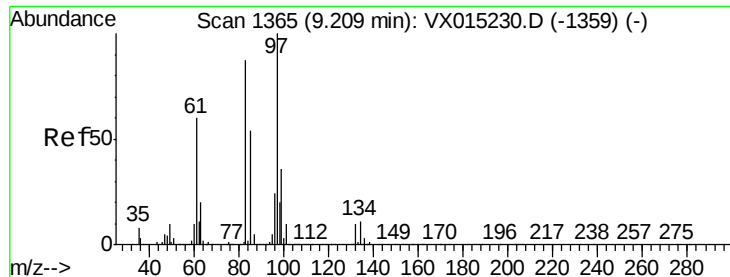
Tot Ion: 75 Resp: 10149
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7



#49
cis-1,3-Dichloropropene
Concen: 2.199 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion: 75 Resp: 11682
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9
39 51.1 39.8 59.6

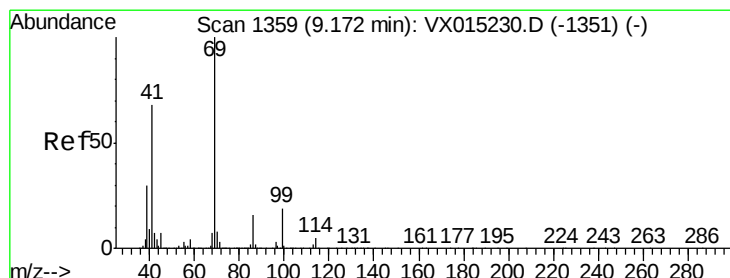
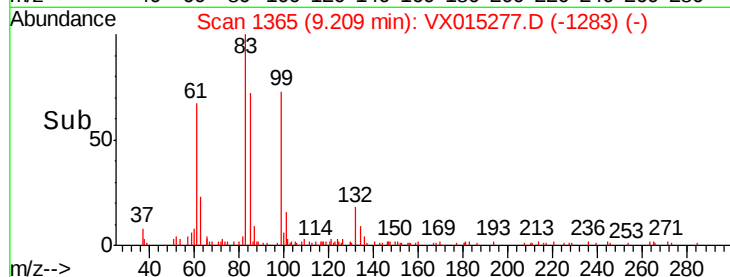
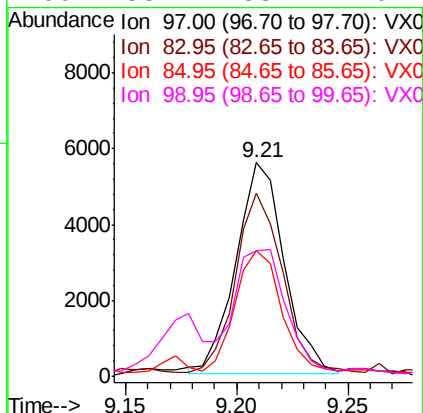
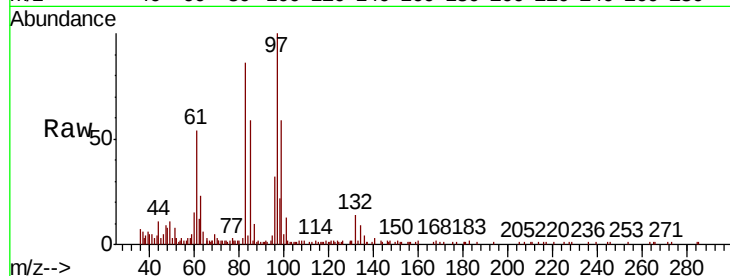




#50
 1,1,2-Trichloroethane
 Concen: 2.640 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

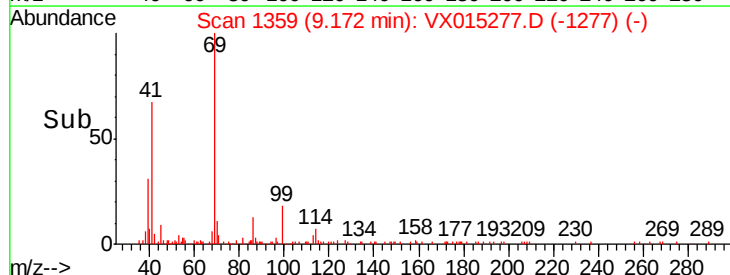
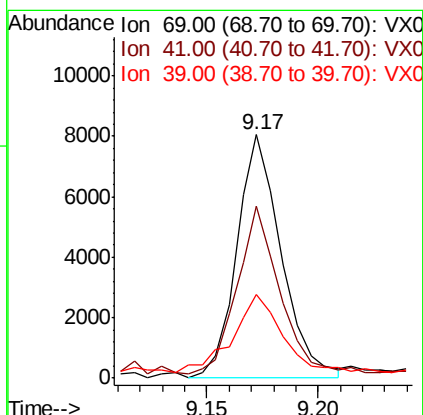
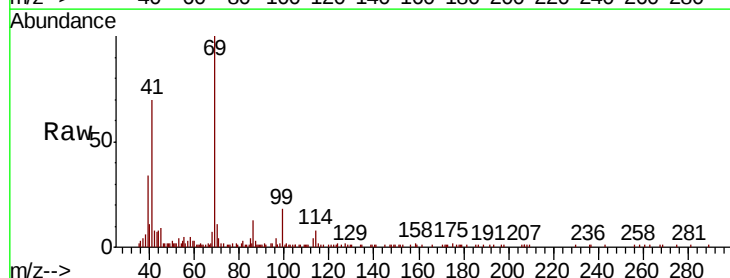
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

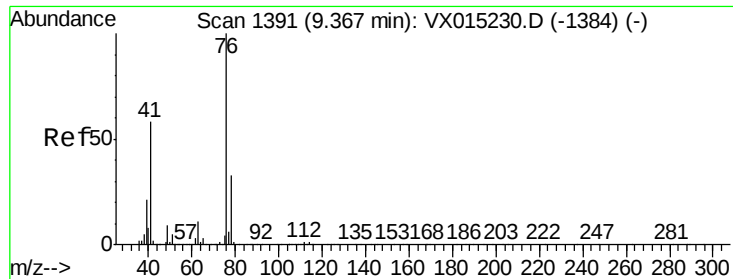
Tot Ion:	97	Resp:	8493
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	57.6	45.4	68.0
99	58.1	53.1	79.7



#51
 Ethyl methacrylate
 Concen: 2.226 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion:	69	Resp:	11173
Ion	Ratio	Lower	Upper
69	100		
41	69.3	33.8	101.3
39	29.9	15.1	45.3





#52

1,3-Dichloropropane

Concen: 2.576 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

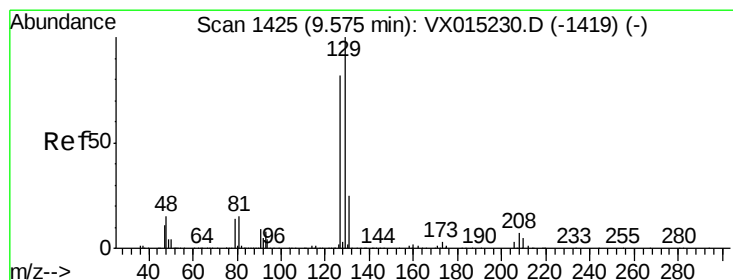
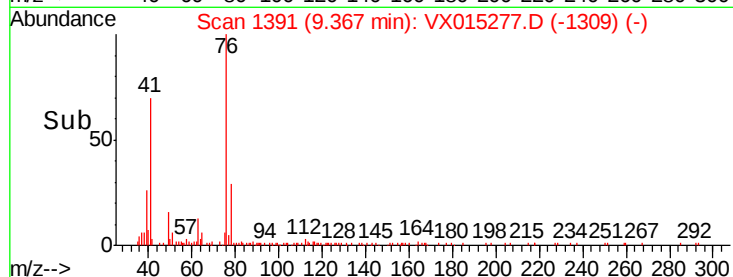
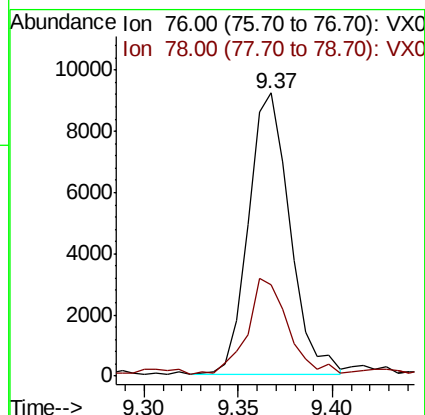
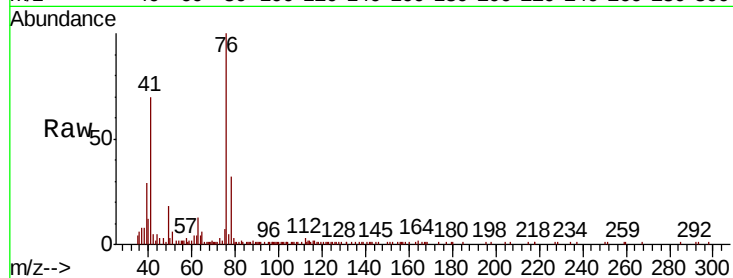
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 76 Resp: 14024

Ion Ratio Lower Upper

76 100

78 32.4 0.0 65.2



#53

Dibromochloromethane

Concen: 2.299 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015277.D

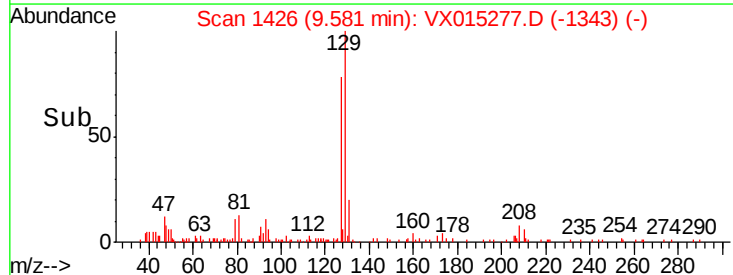
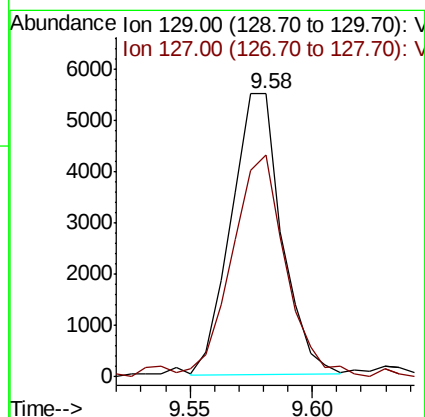
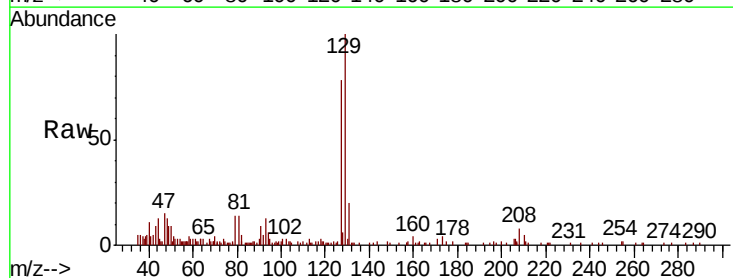
Acq: 13 Mar 2020 23:14

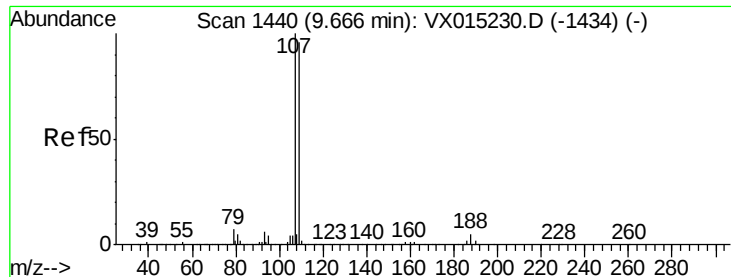
Tgt Ion: 129 Resp: 7875

Ion Ratio Lower Upper

129 100

127 83.9 40.4 121.1





#54

1,2-Dibromoethane

Concen: 2.659 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

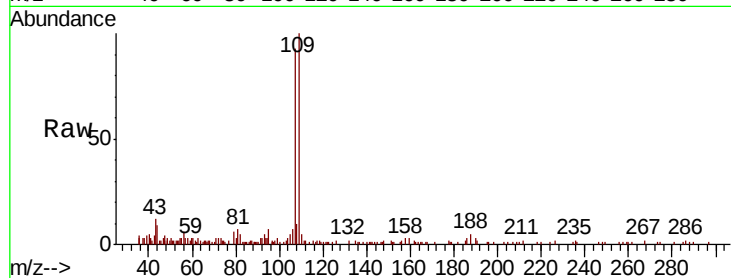
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:107 Resp: 8824

Ion Ratio Lower Upper

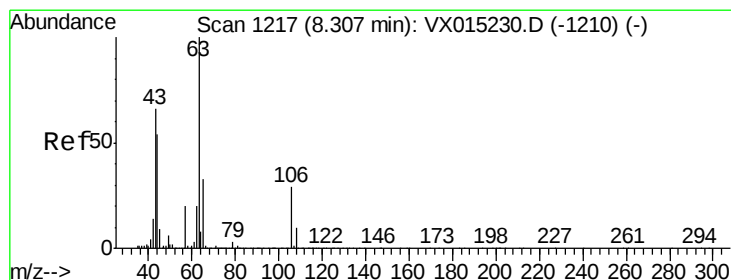
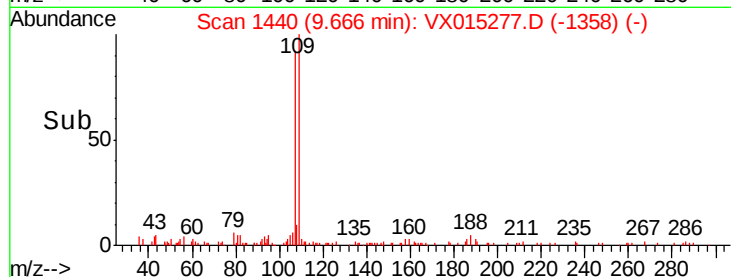
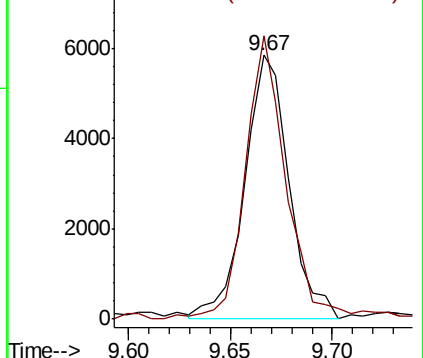
107 100

109 93.9 75.0 112.4



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: 10.941 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

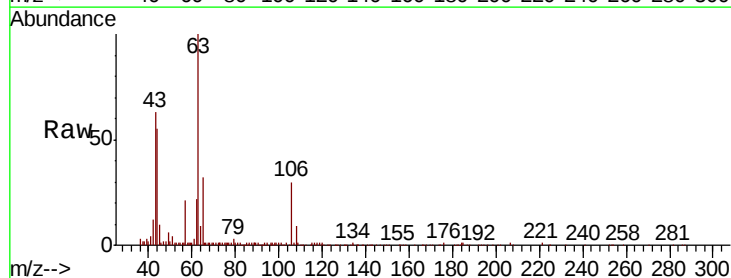
Tgt Ion: 63 Resp: 27502

Ion Ratio Lower Upper

63 100

65 32.8 25.6 38.4

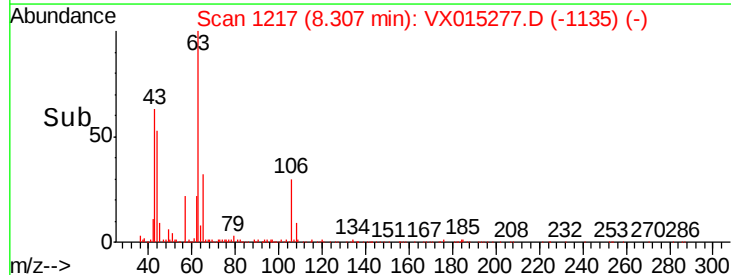
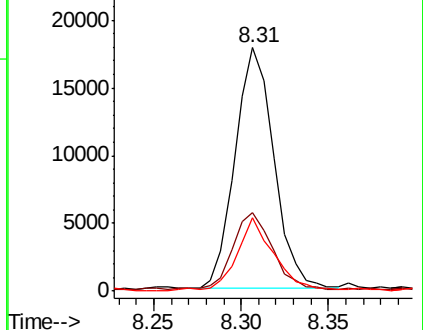
106 29.3 23.0 34.4

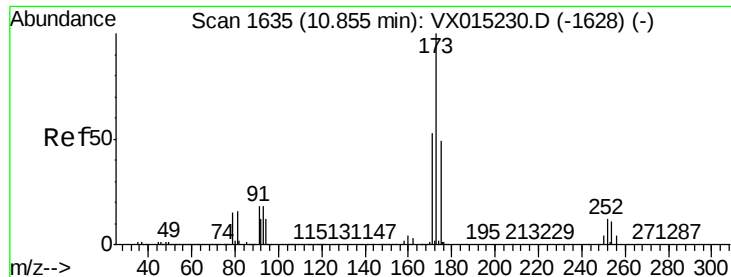


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

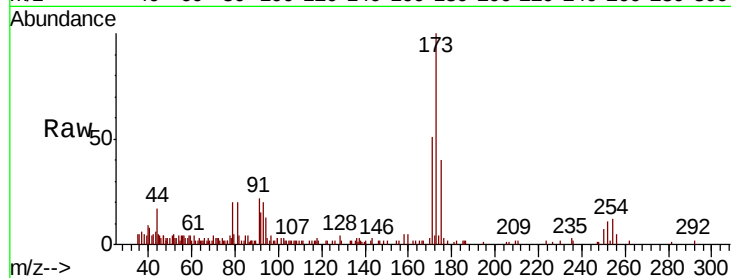




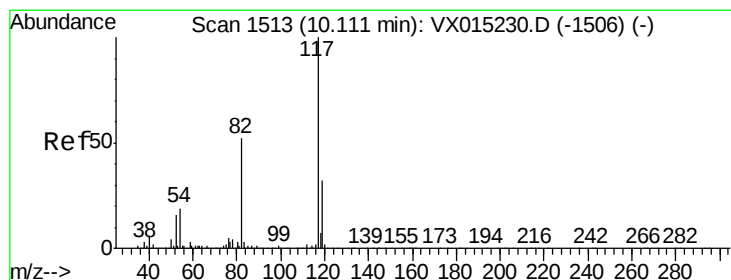
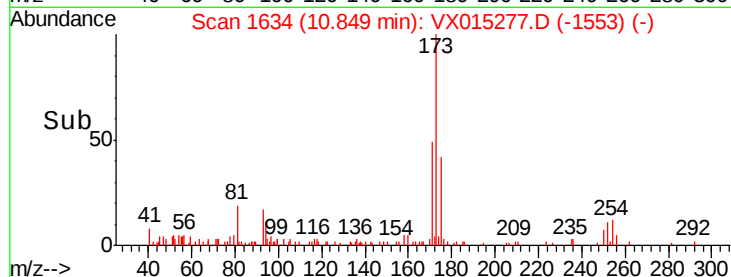
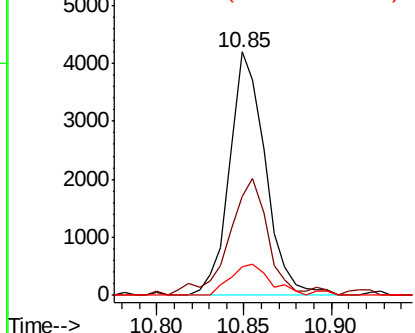
#56
Bromoform
Concen: 2.233 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:173 Resp: 5996
Ion Ratio Lower Upper
173 100
175 48.9 38.9 58.3
254 14.0 9.1 13.7#

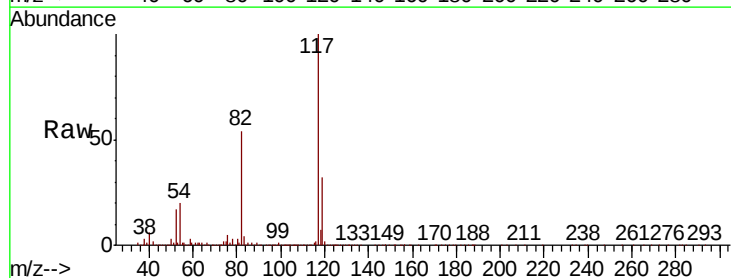


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

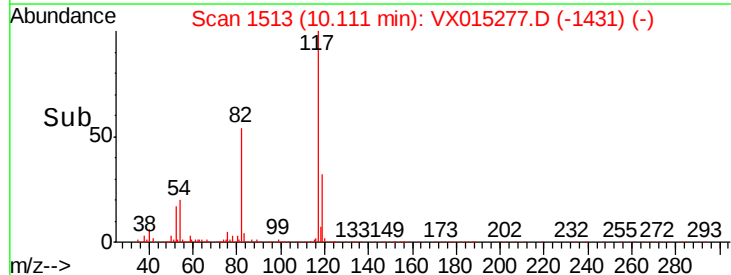
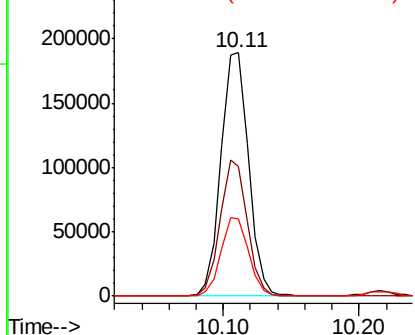


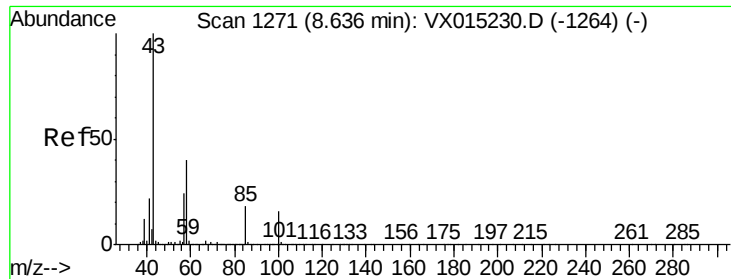
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion:117 Resp: 267828
Ion Ratio Lower Upper
117 100
82 54.7 43.2 64.8
119 32.2 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

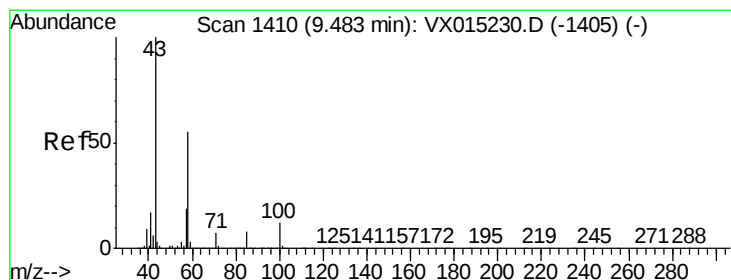
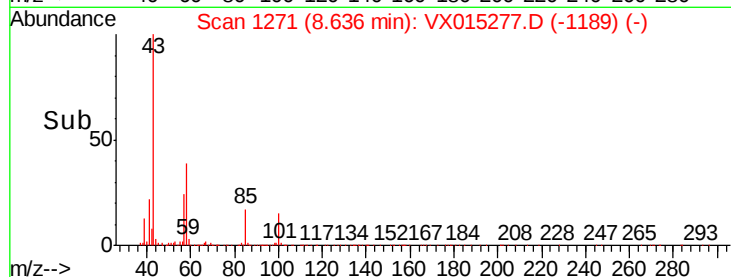
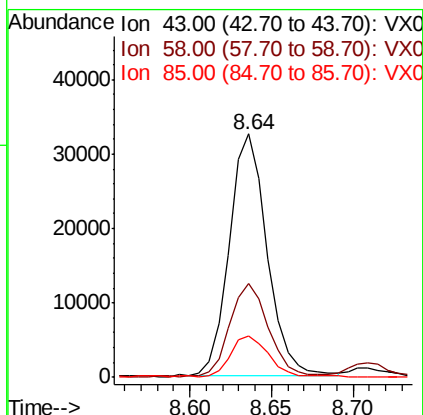
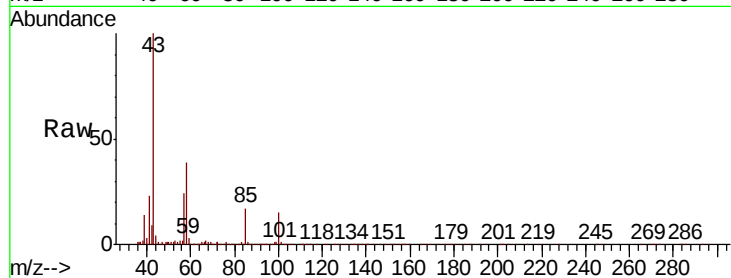




#58
4-Methyl-2-Pentanone
Concen: 11.563 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

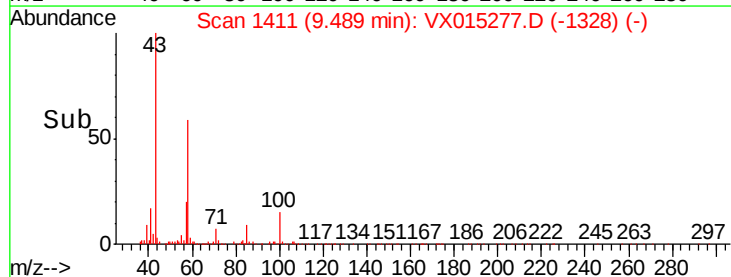
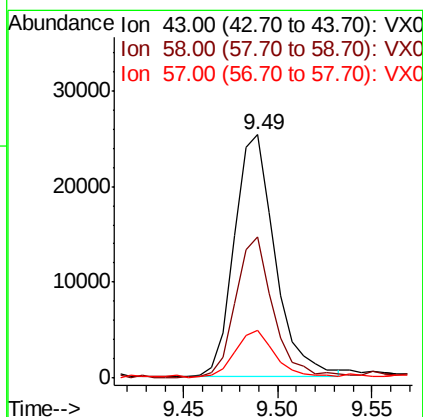
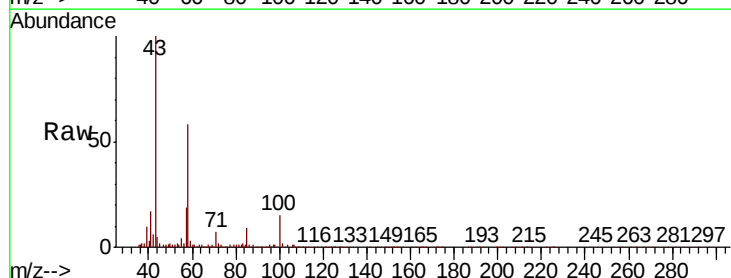
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

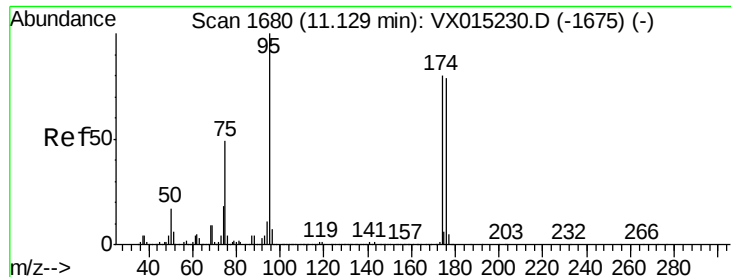
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.6	47.4
85	17.3	13.8	20.8



#59
2-Hexanone
Concen: 10.983 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.3	44.6	66.8
57	18.7	14.6	21.8





#60

4-Bromofluorobenzene

Concen: 27.938 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

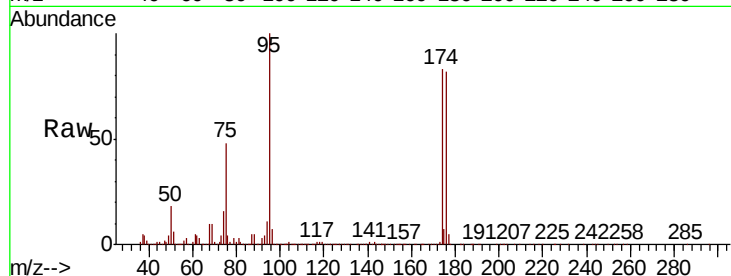
Tot Ion: 95 Resp: 119112

Ion Ratio Lower Upper

95 100

174 91.5 72.0 108.0

176 87.2 70.1 105.1

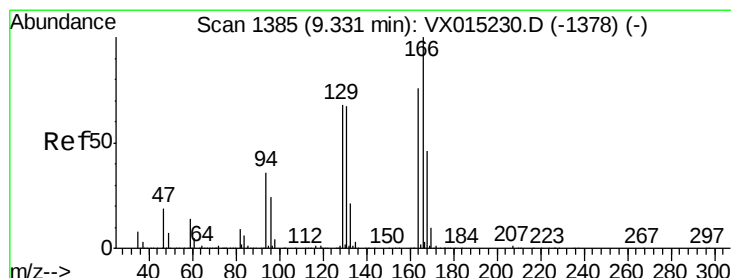
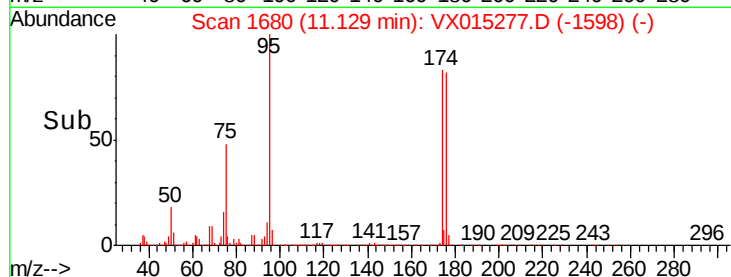
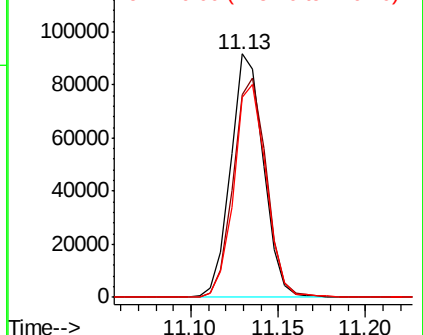


Abundance

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#61

Tetrachloroethene

Concen: 2.616 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Tgt Ion: 164 Resp: 9754

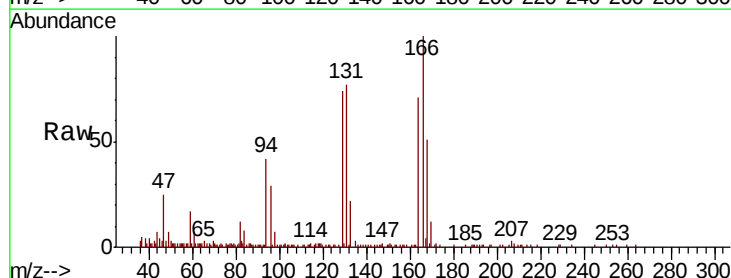
Ion Ratio Lower Upper

164 100

166 139.7 105.1 157.7

129 102.2 71.5 107.3

131 107.9 69.9 104.9#



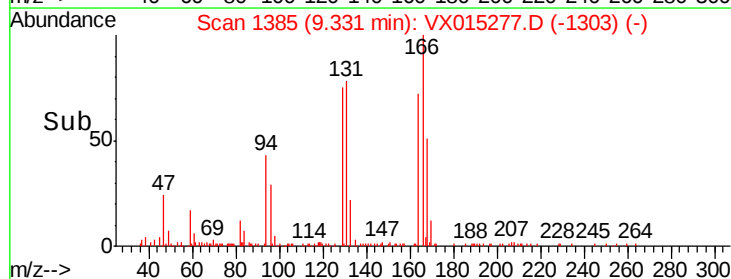
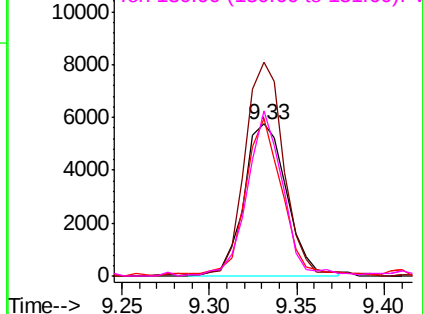
Abundance

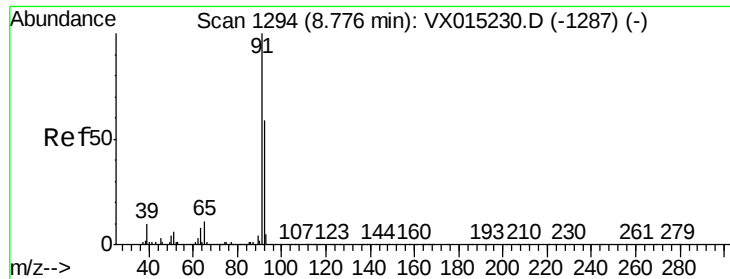
Ion 163.85 (163.55 to 164.55): V

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: 2.479 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

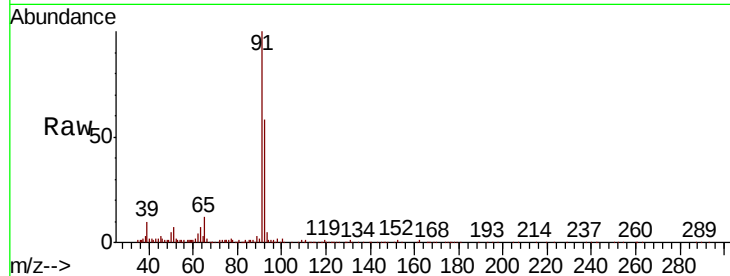
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 35130

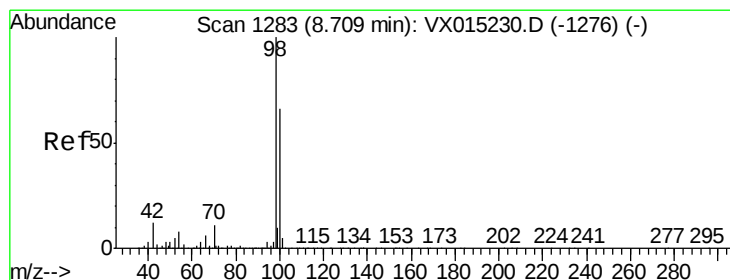
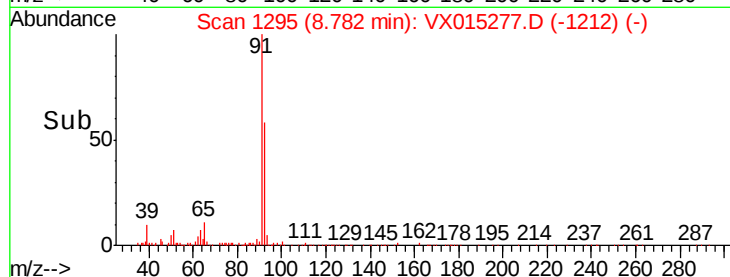
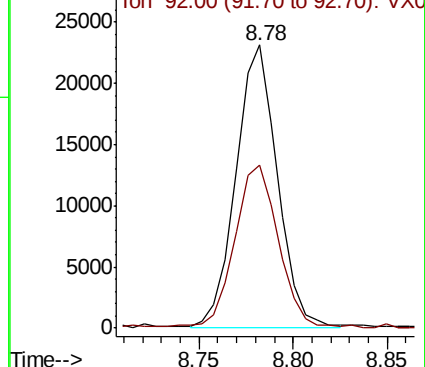
Ion Ratio Lower Upper

91 100

92 61.5 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0



#63

Toluene-d8

Concen: 29.651 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015277.D

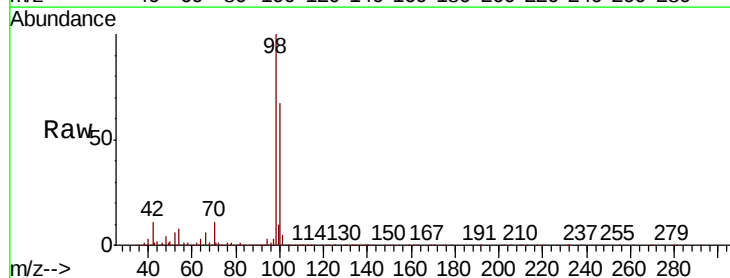
Acq: 13 Mar 2020 23:14

Tgt Ion: 98 Resp: 340162

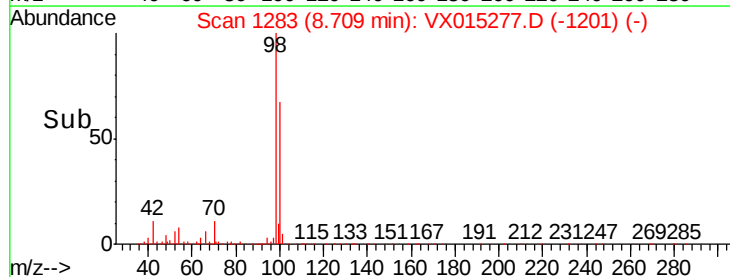
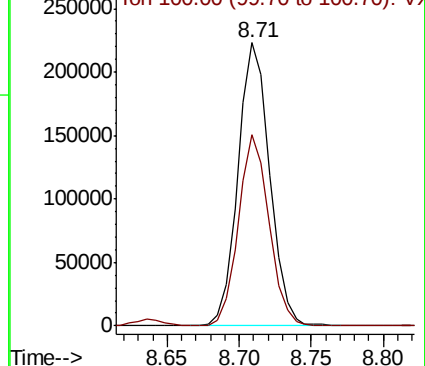
Ion Ratio Lower Upper

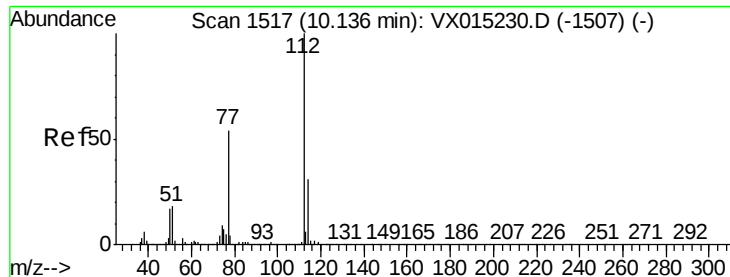
98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0





#64

Chlorobenzene

Concen: 2.610 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

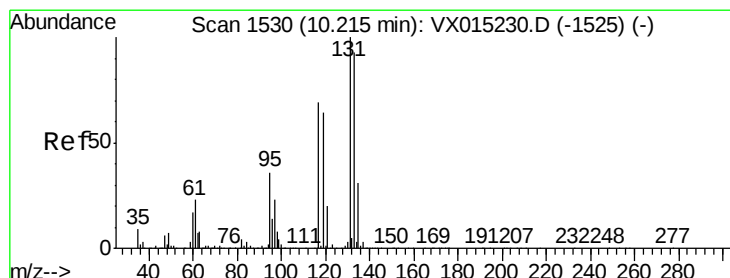
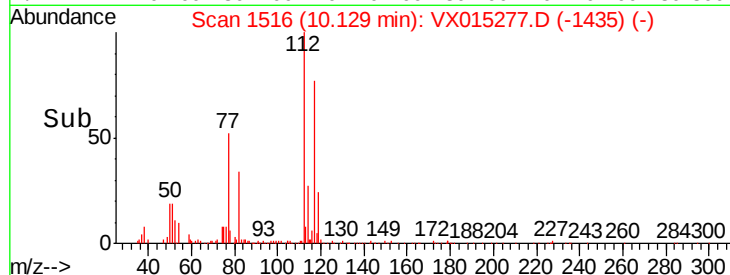
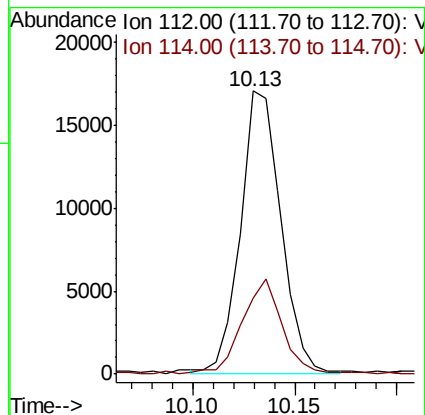
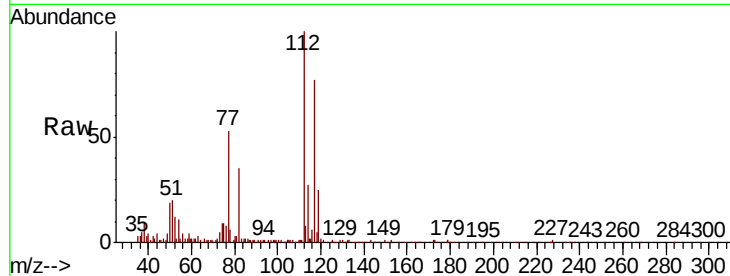
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:112 Resp: 23635

Ion Ratio Lower Upper

112 100

114 26.6 24.8 37.2



#65

1,1,1,2-Tetrachloroethane

Concen: 2.157 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

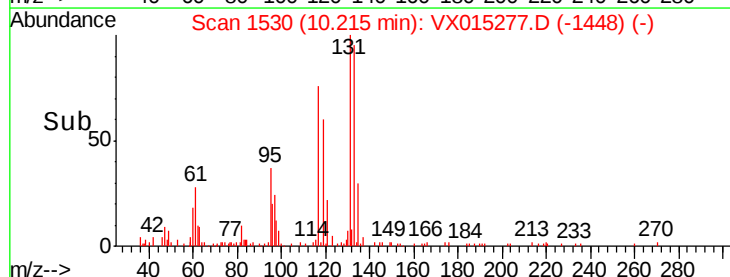
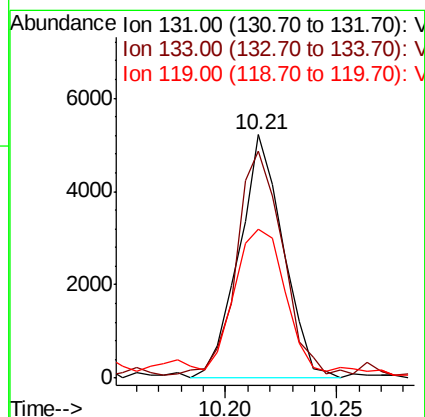
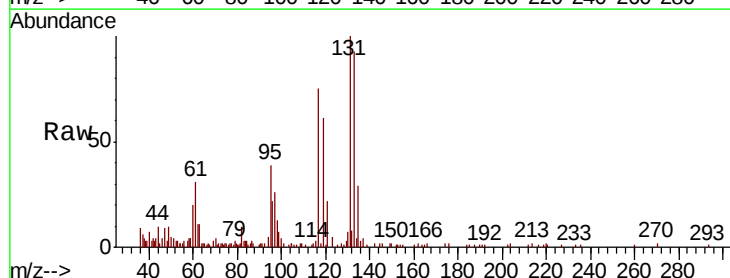
Tgt Ion:131 Resp: 7195

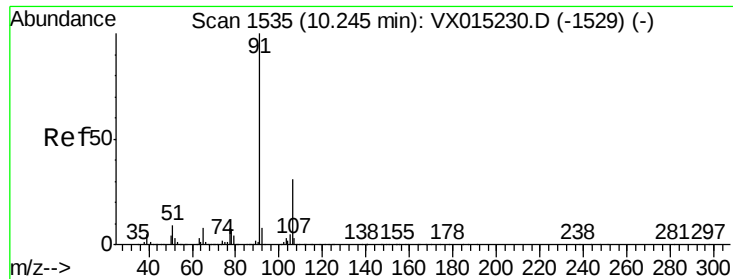
Ion Ratio Lower Upper

131 100

133 96.3 0.0 188.0

119 68.3 0.0 131.0





#66

Ethyl Benzene

Concen: 2.258 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

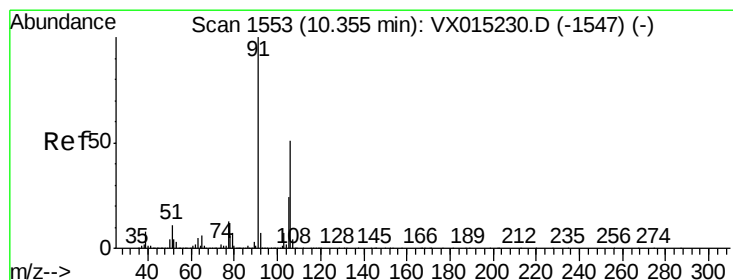
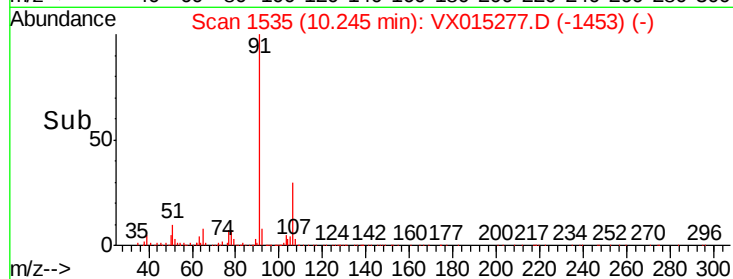
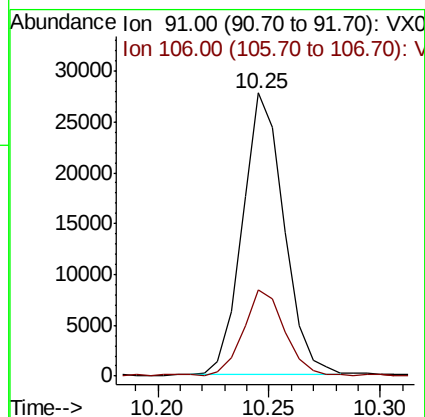
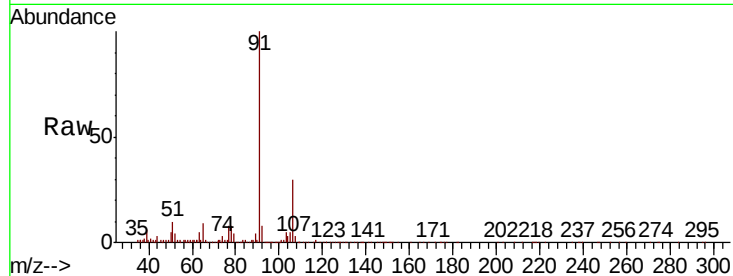
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 35643

Ion Ratio Lower Upper

91 100

106 30.2 24.9 37.3



#67

m/p-Xylenes

Concen: 4.513 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015277.D

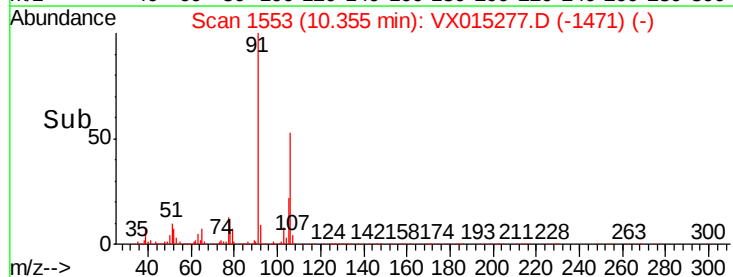
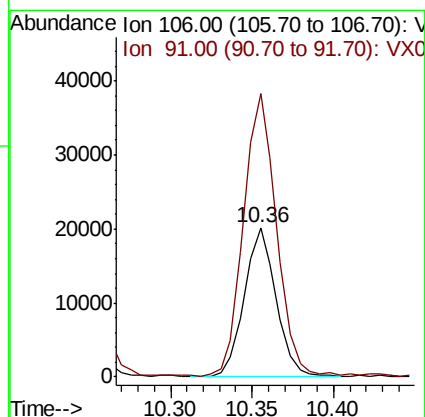
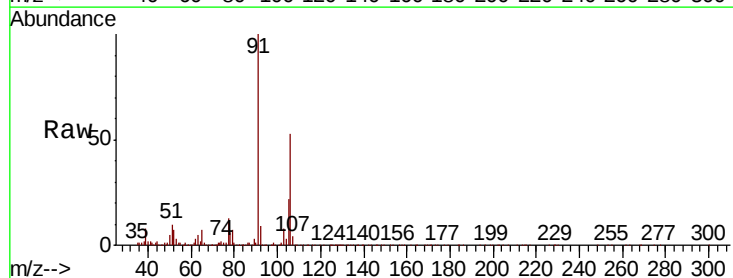
Acq: 13 Mar 2020 23:14

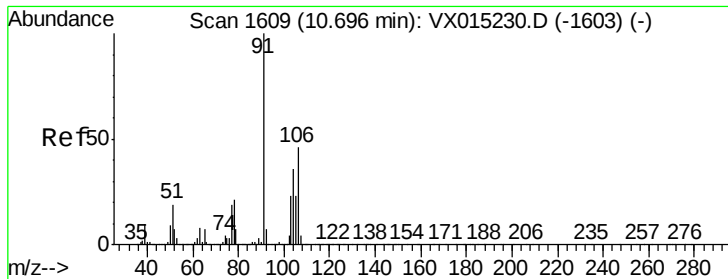
Tgt Ion: 106 Resp: 27352

Ion Ratio Lower Upper

106 100

91 195.1 160.1 240.1

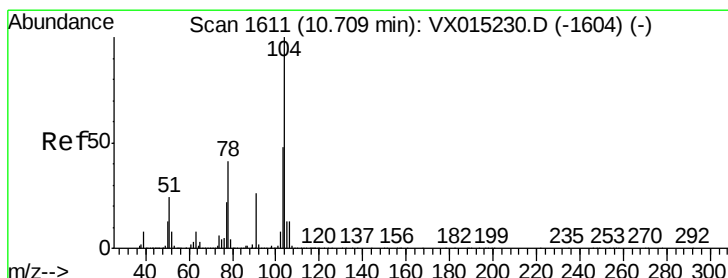
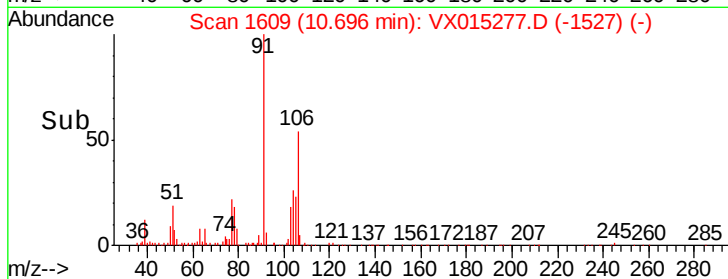
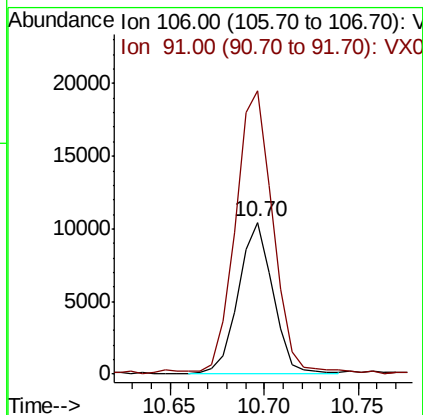
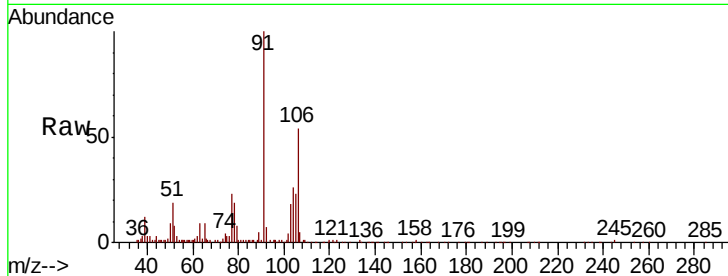




#68
o-Xylene
Concen: 2.301 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

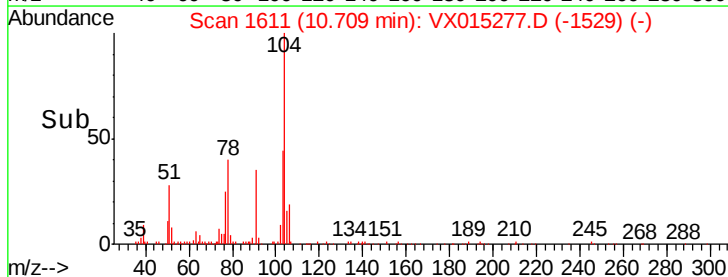
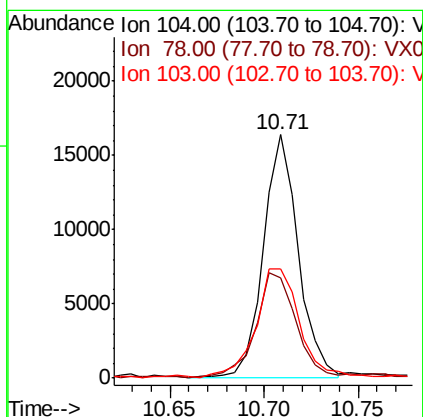
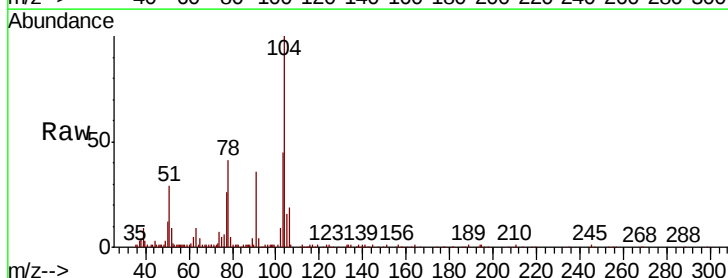
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

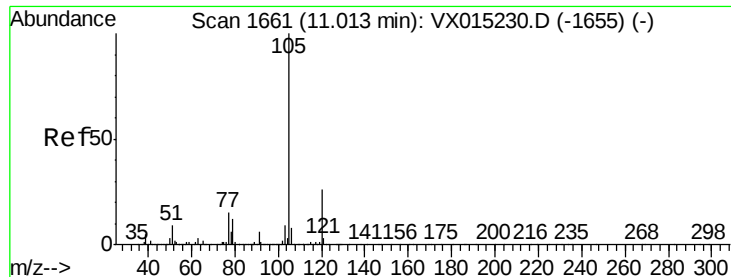
Tot Ion:106 Resp: 13371
Ion Ratio Lower Upper
106 100
91 195.1 106.4 319.2



#69
Styrene
Concen: 2.088 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion:104 Resp: 21112
Ion Ratio Lower Upper
104 100
78 50.0 38.9 58.3
103 55.7 43.2 64.8





#70

Isopropylbenzene

Concen: 2.145 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

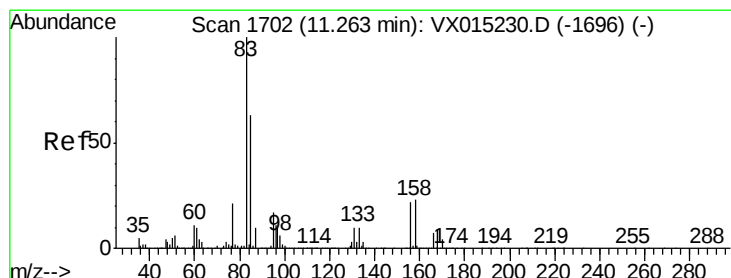
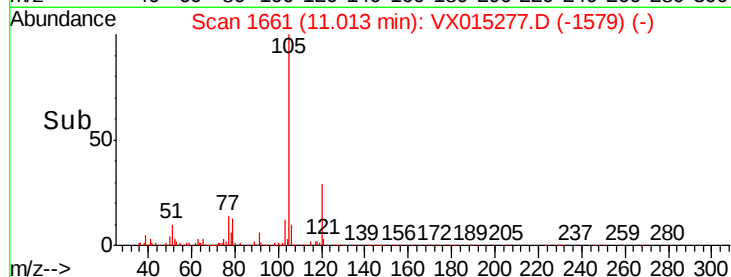
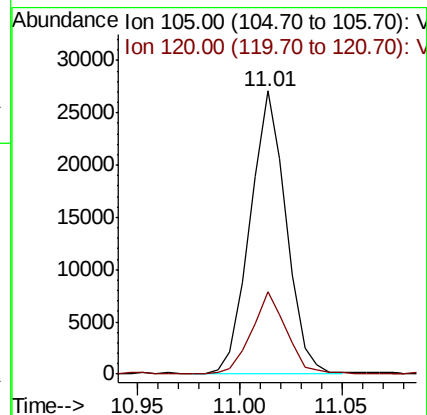
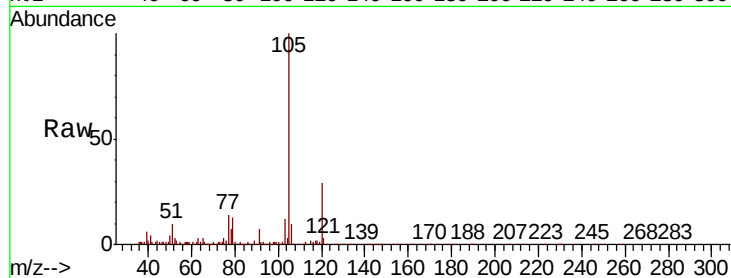
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:105 Resp: 33180

Ion Ratio Lower Upper

105 100

120 28.1 18.6 34.6



#71

1,1,2,2-Tetrachloroethane

Concen: 2.366 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

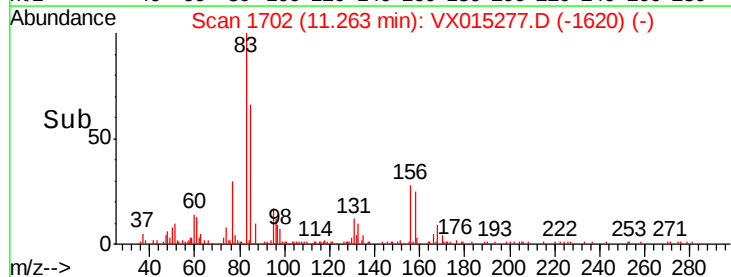
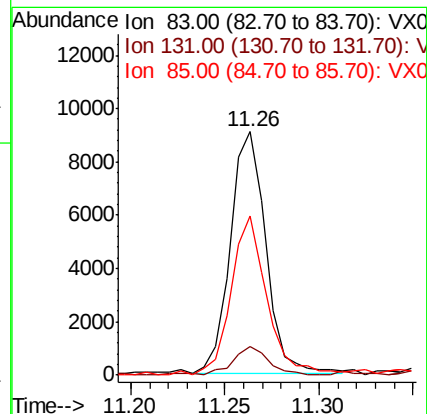
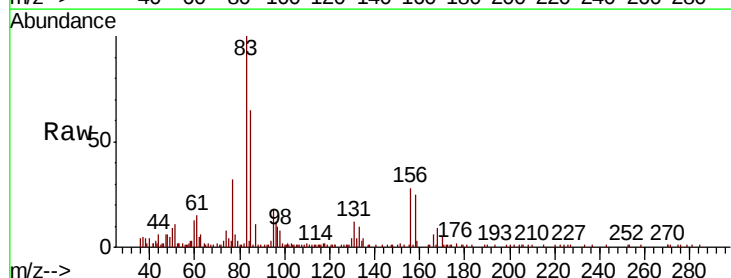
Tgt Ion: 83 Resp: 11879

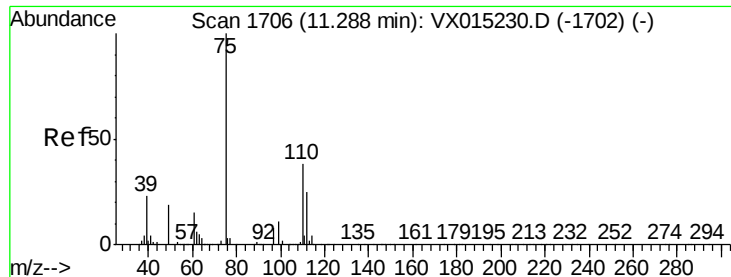
Ion Ratio Lower Upper

83 100

131 11.6 5.0 14.9

85 65.4 31.8 95.4





#72

1,2,3-Trichloropropane

Concen: 3.043 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

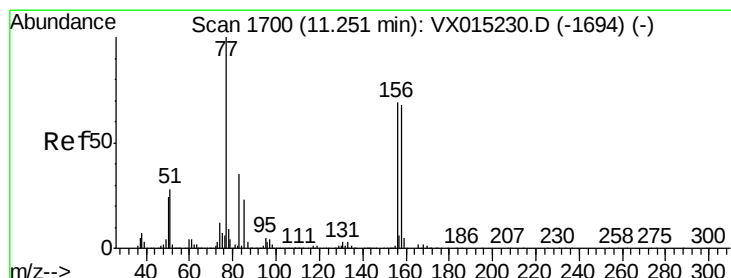
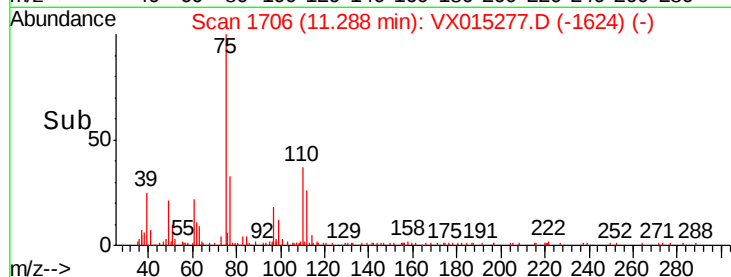
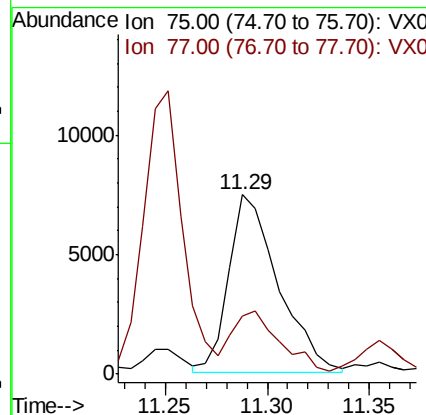
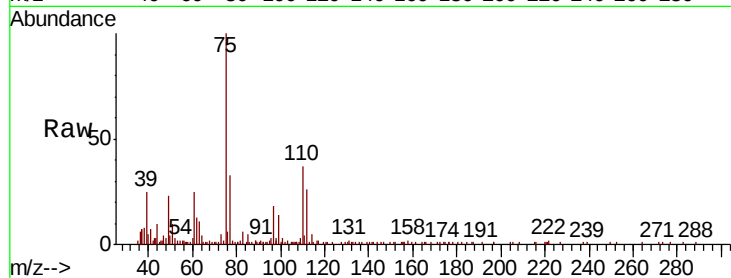
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 75 Resp: 12506

Ion Ratio Lower Upper

75 100

77 33.1 0.0 83.0



#73

Bromobenzene

Concen: 2.400 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

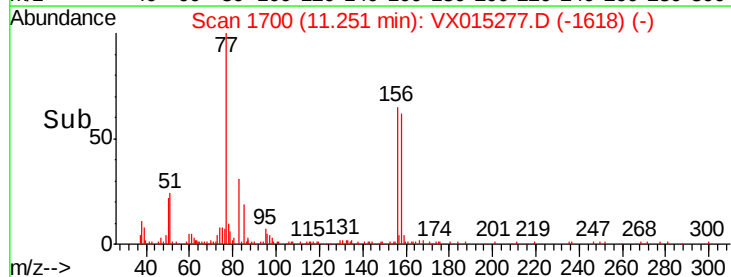
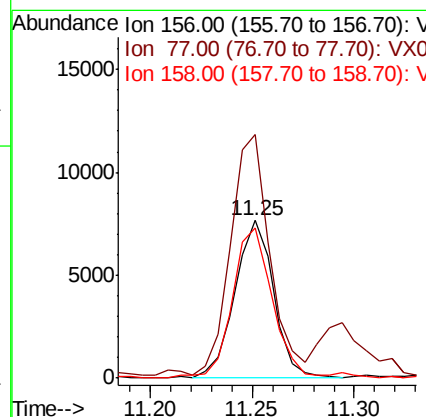
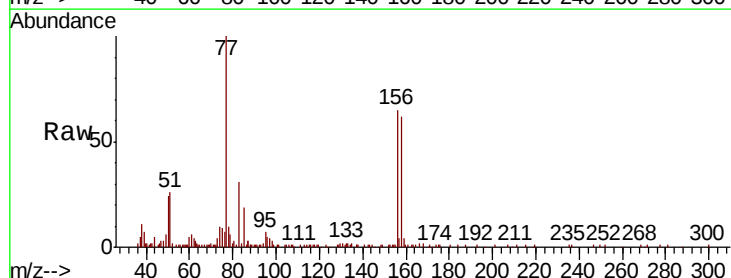
Tgt Ion: 156 Resp: 10121

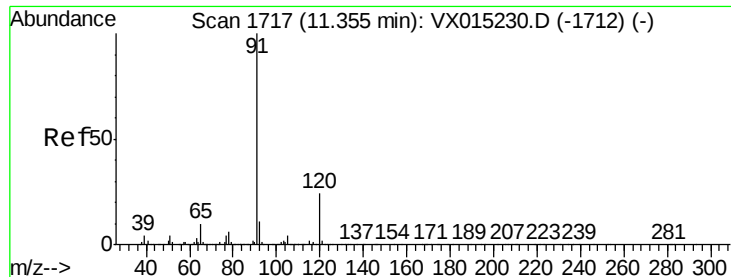
Ion Ratio Lower Upper

156 100

77 154.3 0.0 305.0

158 96.0 0.0 197.2





#74

n-propylbenzene

Concen: 2.259 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

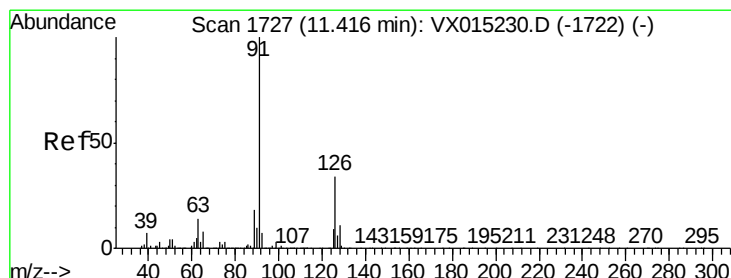
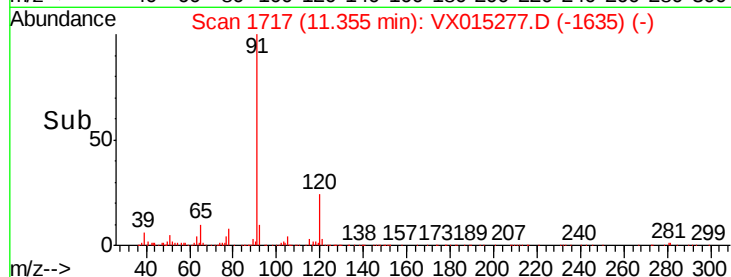
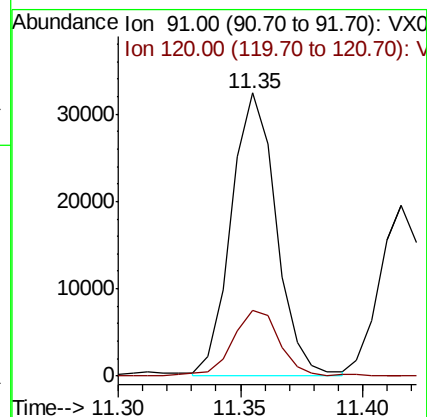
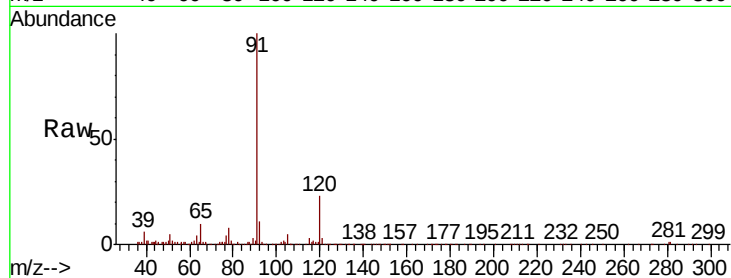
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 41278

Ion Ratio Lower Upper

91 100

120 22.8 0.0 47.0



#75

2-Chlorotoluene

Concen: 2.387 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015277.D

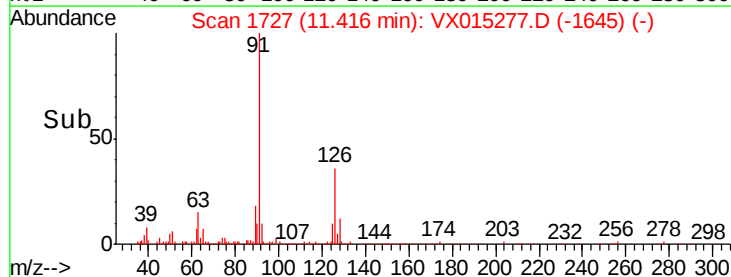
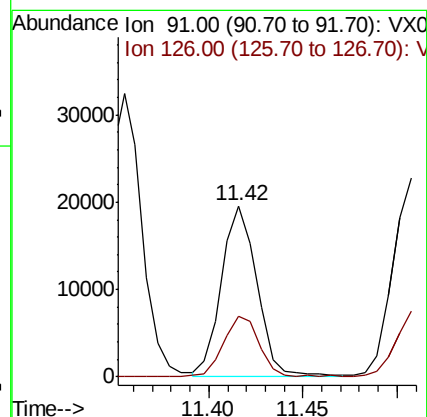
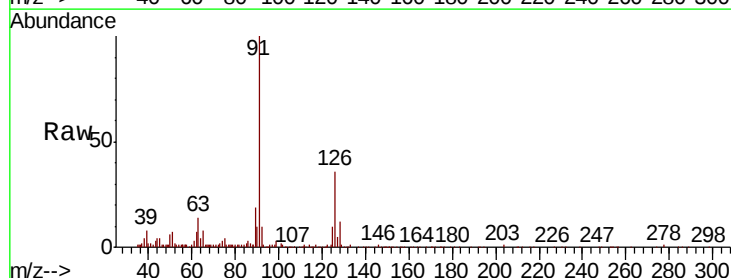
Acq: 13 Mar 2020 23:14

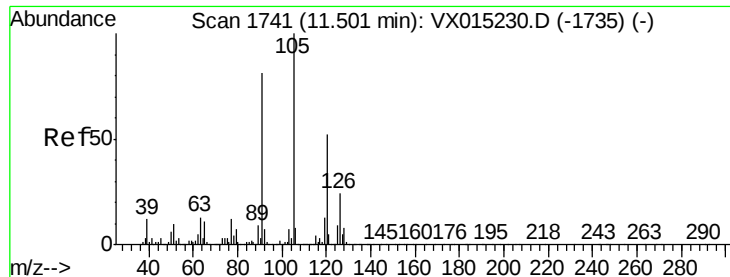
Tgt Ion: 91 Resp: 25463

Ion Ratio Lower Upper

91 100

126 36.1 0.0 69.8

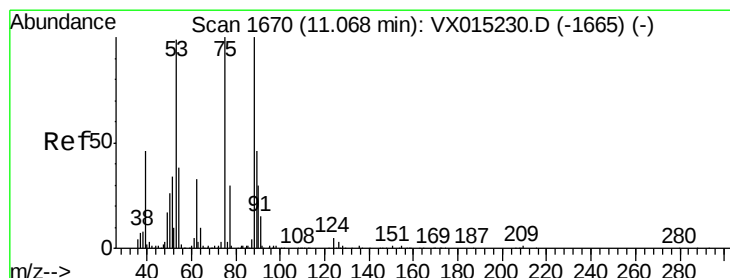
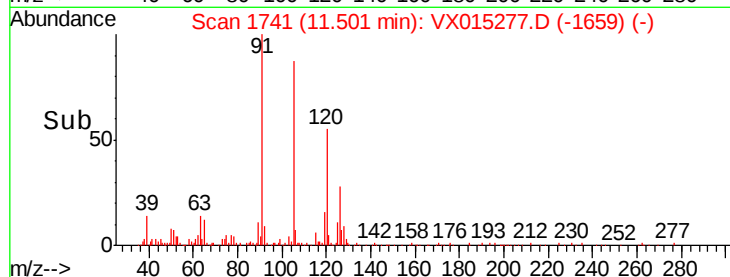
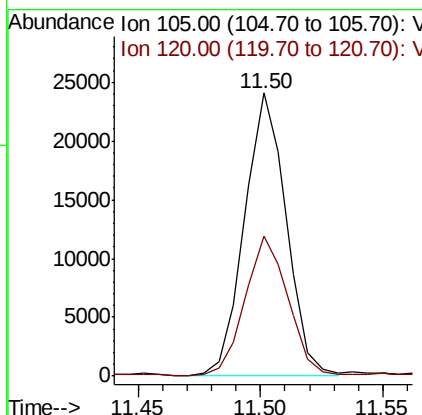
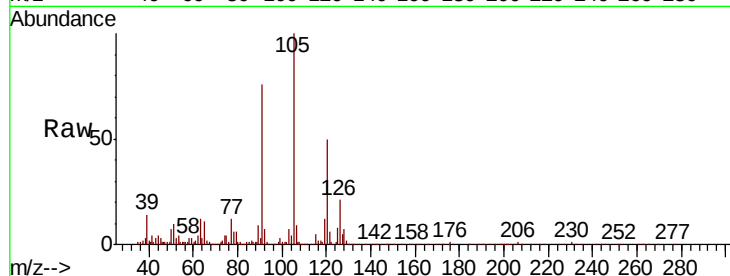




#76
 1,3,5-Trimethylbenzene
 Concen: 2.146 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

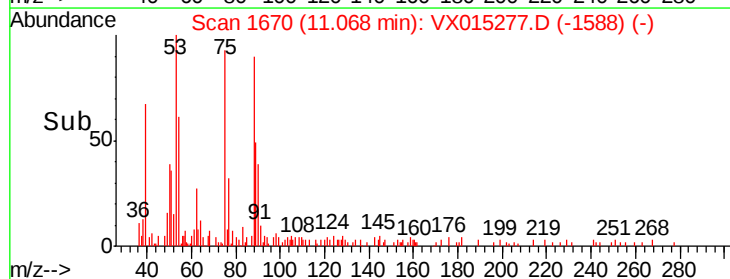
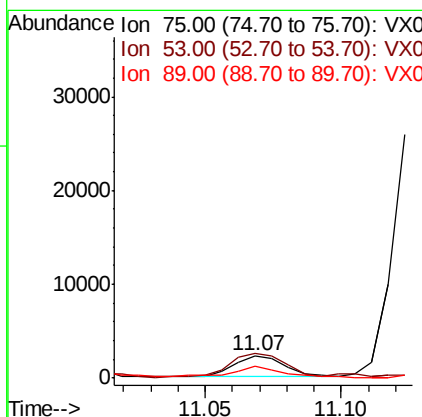
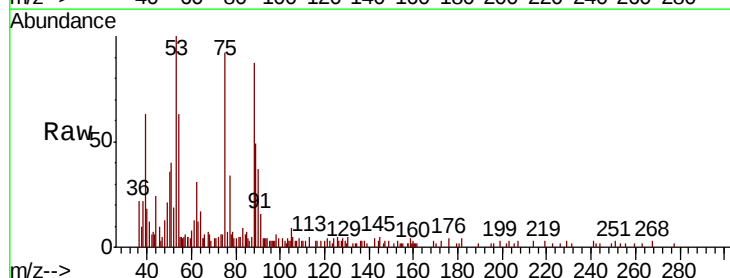
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

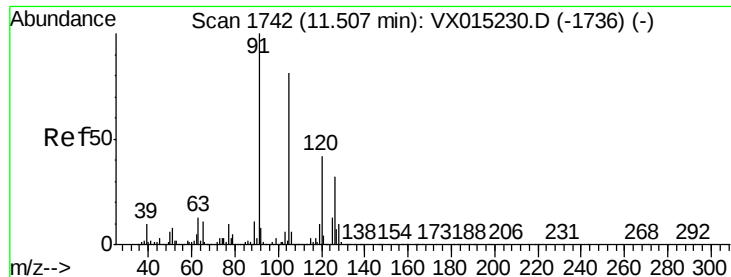
Tot Ion:105 Resp: 28337
 Ion Ratio Lower Upper
 105 100
 120 50.4 0.0 101.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 1.587 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion: 75 Resp: 2732
 Ion Ratio Lower Upper
 75 100
 53 105.1 49.5 148.3
 89 50.9 22.9 68.8





#78

4-Chlorotoluene

Concen: 2.347 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

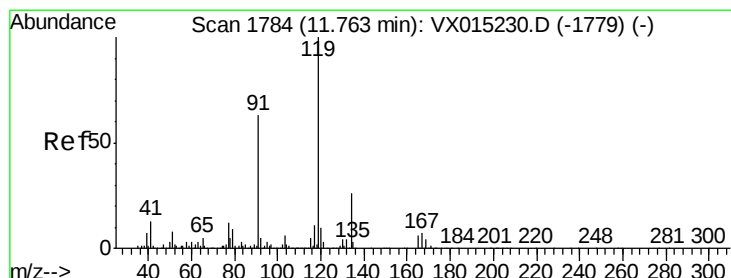
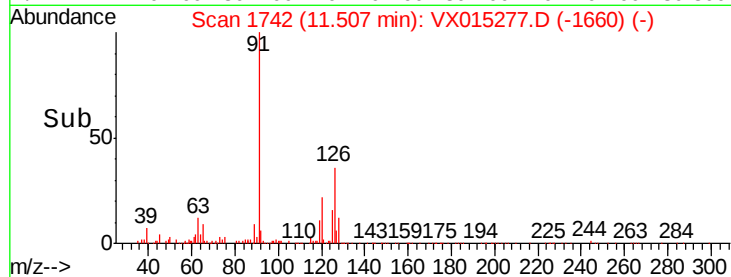
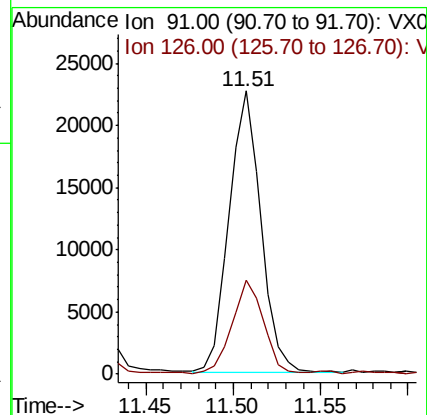
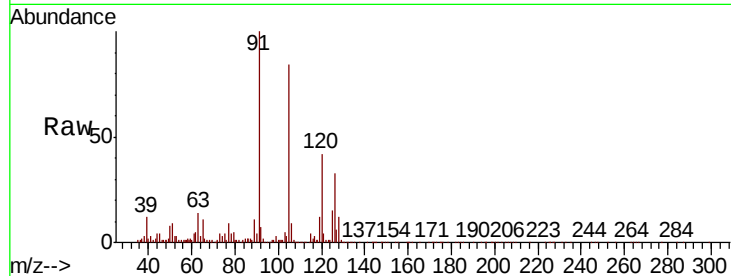
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 28827

Ion Ratio Lower Upper

91 100

126 33.3 0.0 61.4



#79

tert-butylbenzene

Concen: 2.190 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

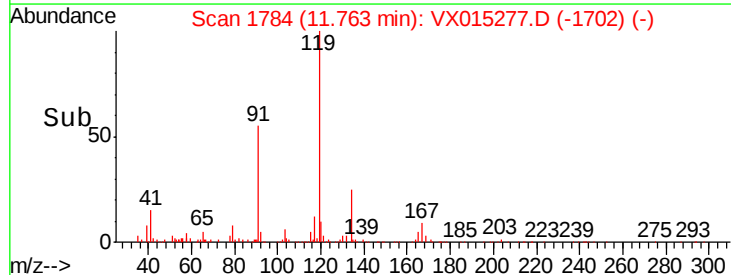
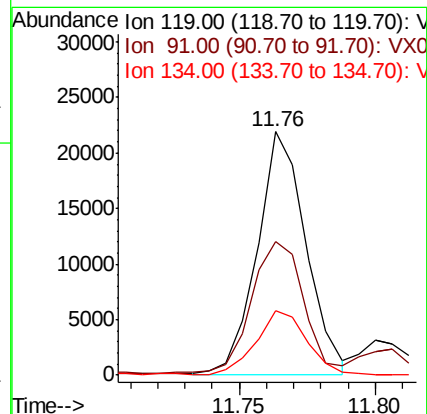
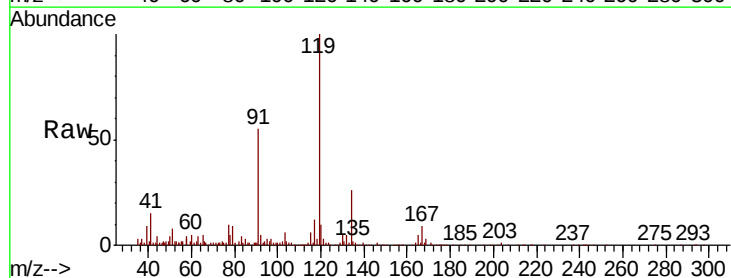
Tgt Ion: 119 Resp: 27103

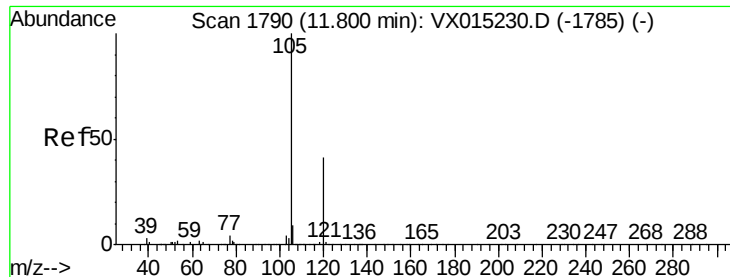
Ion Ratio Lower Upper

119 100

91 59.3 0.0 115.4

134 28.3 0.0 49.4

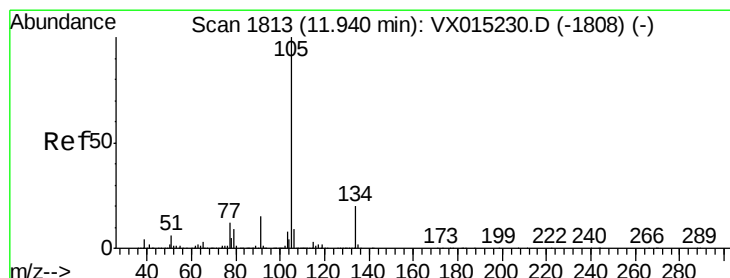
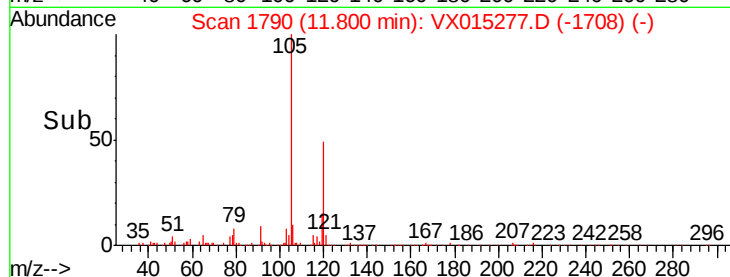
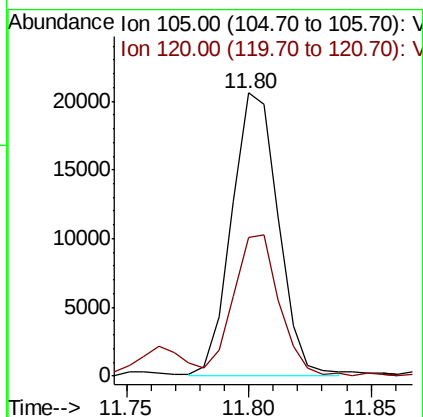
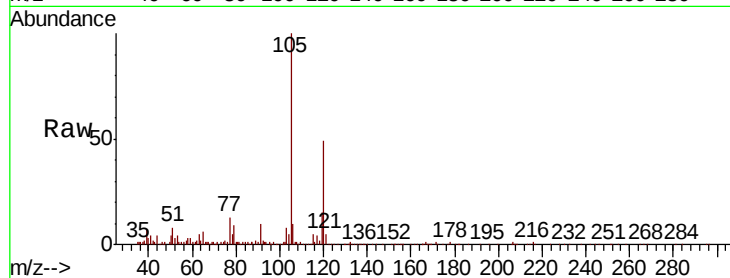




#80
 1,2,4-Trimethylbenzene
 Concen: 2.080 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

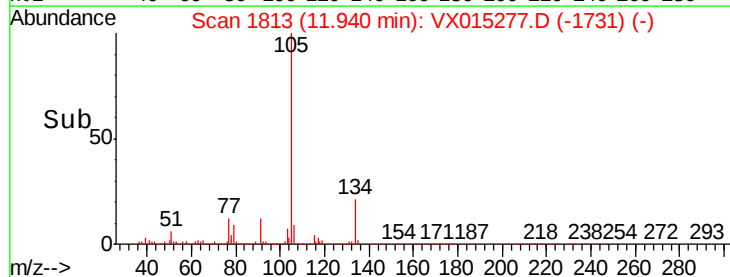
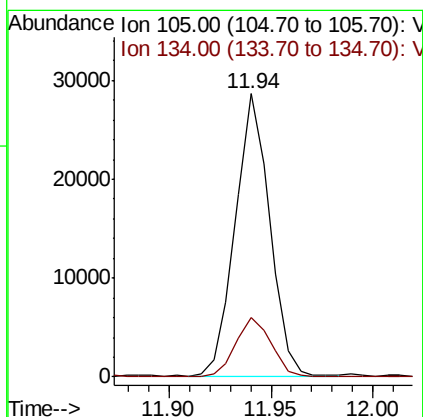
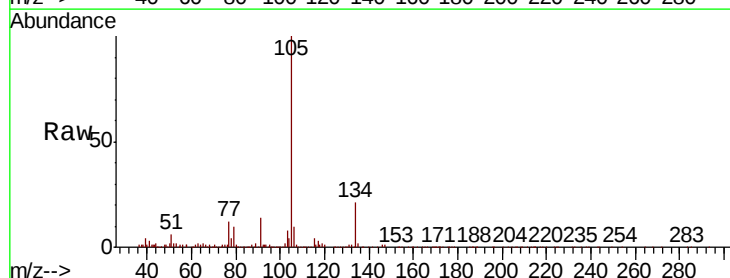
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

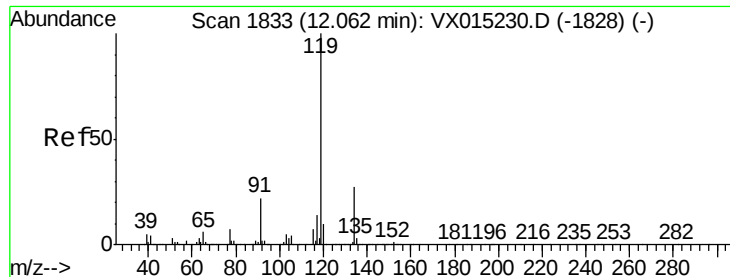
Tot Ion:105 Resp: 27145
 Ion Ratio Lower Upper
 105 100
 120 48.5 0.0 93.2



#81
 sec-Butylbenzene
 Concen: 2.182 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Tgt Ion:105 Resp: 33519
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 40.8





#82

p-Isopropyltoluene

Concen: 2.016 ug/l

RT: 12.06 min Scan# 1832

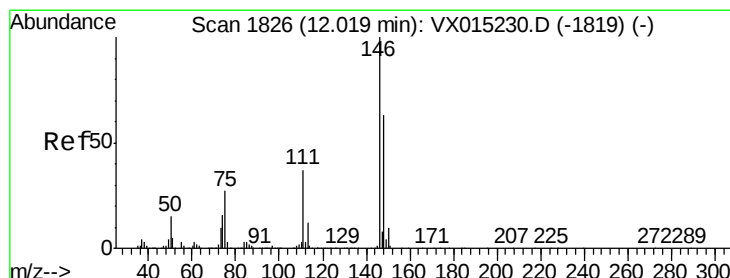
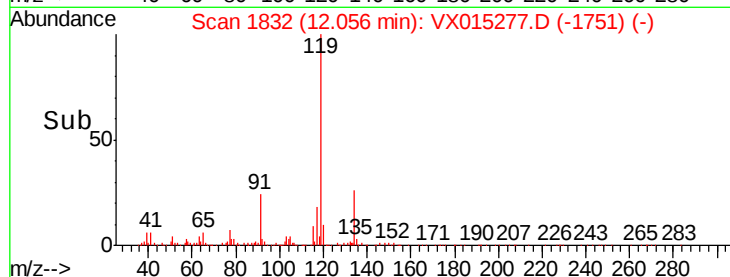
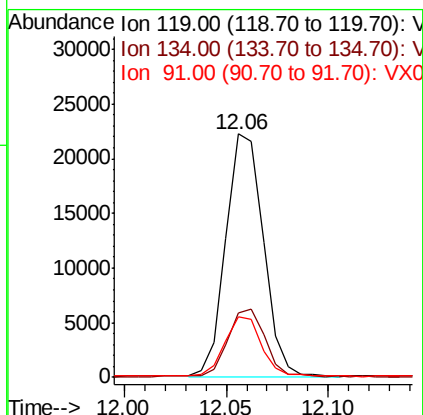
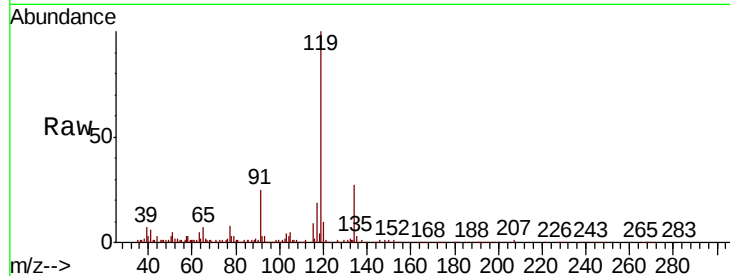
Delta R.T. -0.01 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	53.6
91	23.8	0.0	43.6



#83

1,3-Dichlorobenzene

Concen: 2.497 ug/l

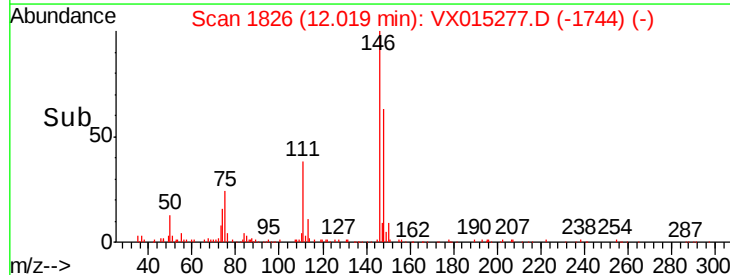
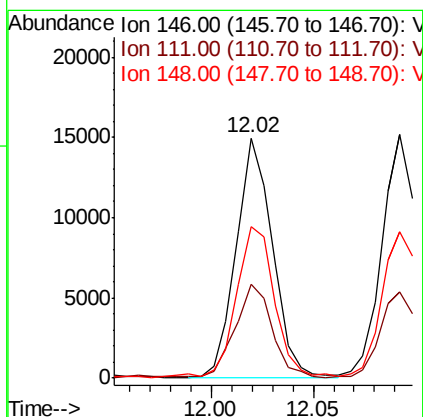
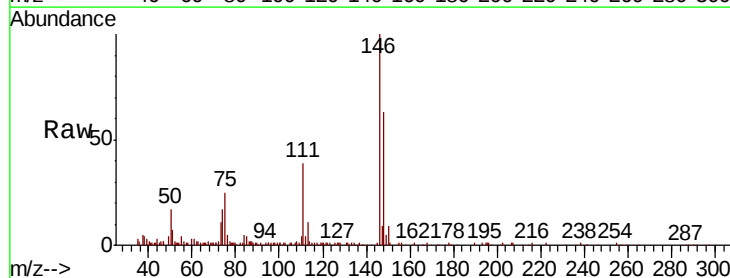
RT: 12.02 min Scan# 1826

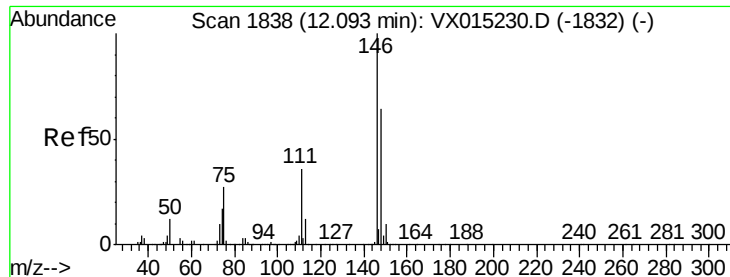
Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.8	56.4
148	65.5	31.9	95.7





#84

1,4-Dichlorobenzene

Concen: 2.565 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

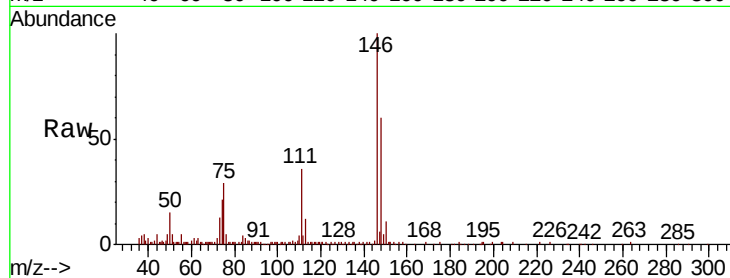
Tot Ion:146 Resp: 19118

Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.0

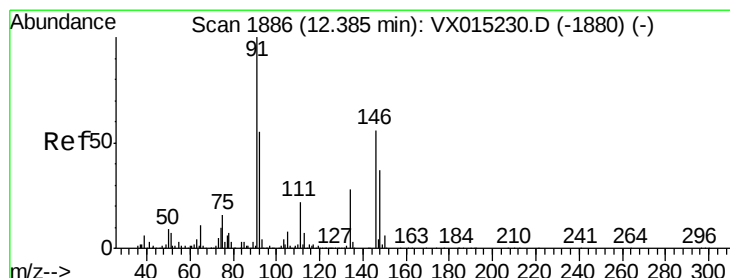
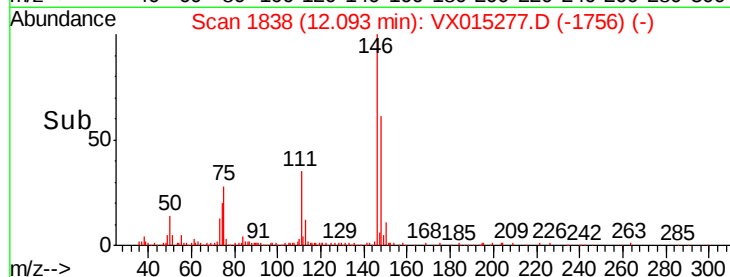
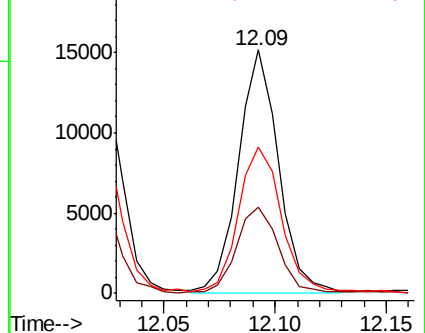
148 65.2 31.9 95.9



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



#85

n-Butylbenzene

Concen: 2.079 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

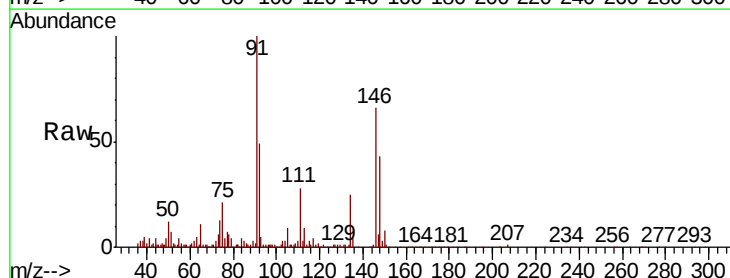
Tgt Ion: 91 Resp: 25735

Ion Ratio Lower Upper

91 100

92 51.9 0.0 109.4

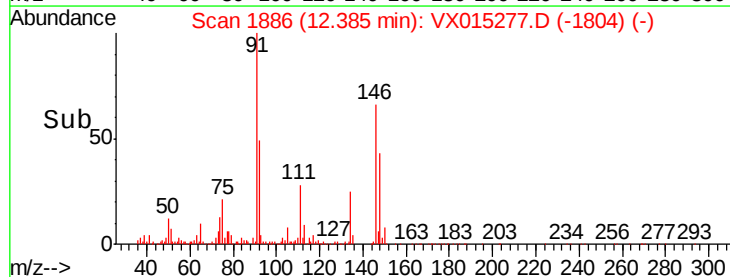
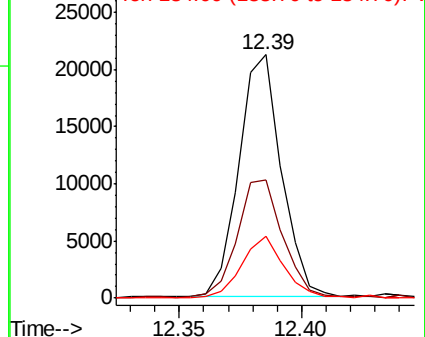
134 25.3 0.0 53.0

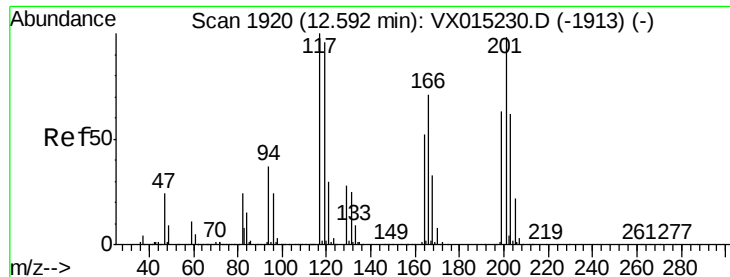


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

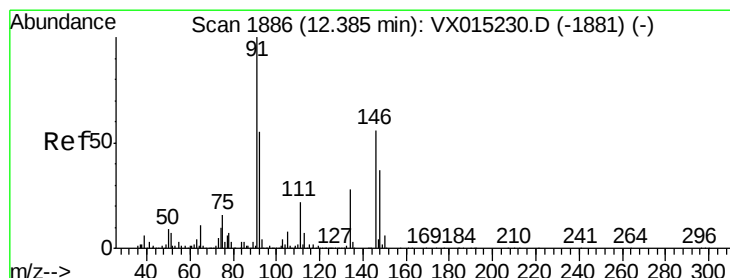
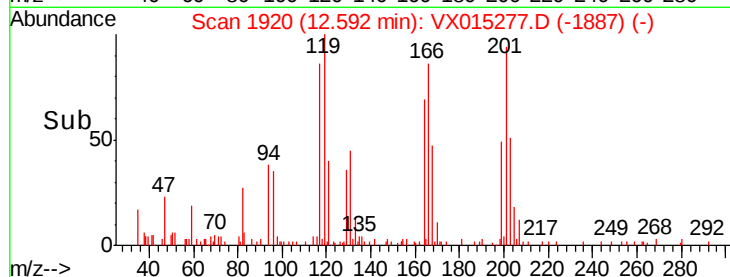
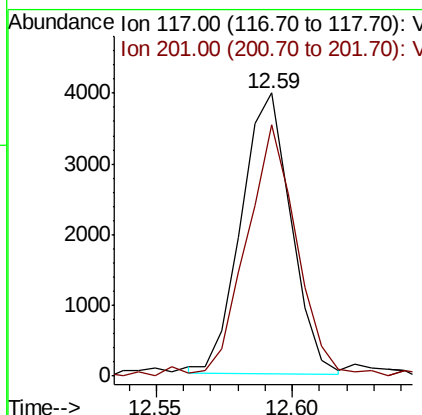
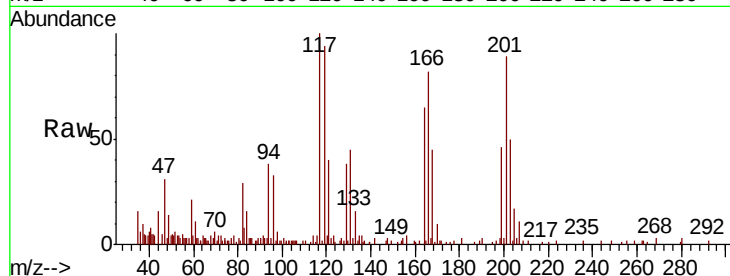




#86
Hexachloroethane
Concen: 2.032 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

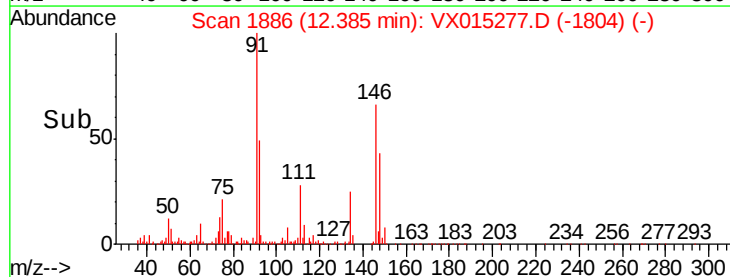
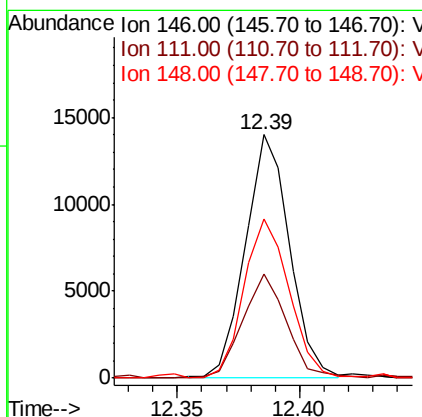
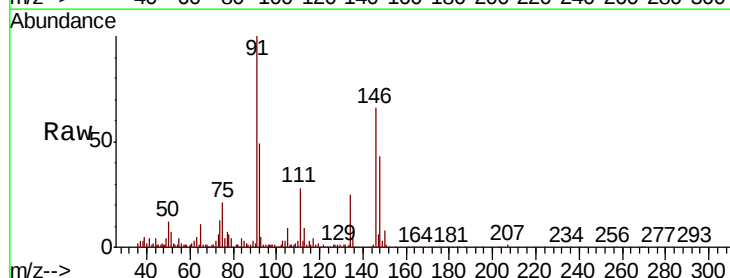
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

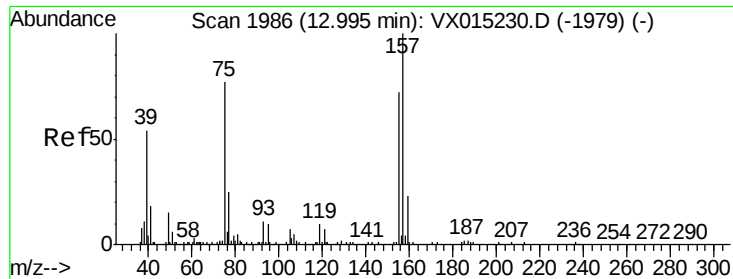
Tot Ion:117 Resp: 5025
Ion Ratio Lower Upper
117 100
201 89.8 47.8 143.3



#87
1,2-Dichlorobenzene
Concen: 2.431 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015277.D
Acq: 13 Mar 2020 23:14

Tgt Ion:146 Resp: 17668
Ion Ratio Lower Upper
146 100
111 42.5 19.4 58.4
148 66.6 32.4 97.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 2.454 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

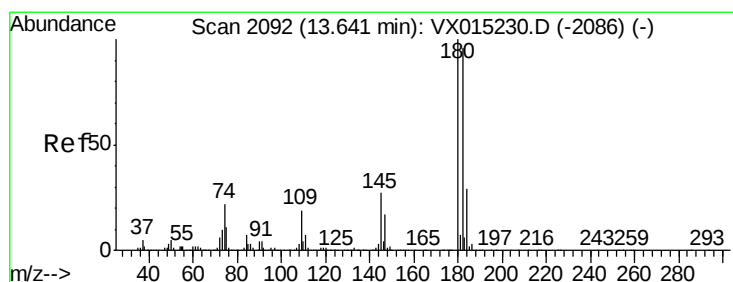
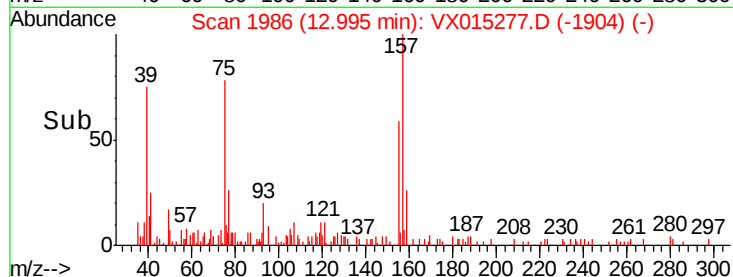
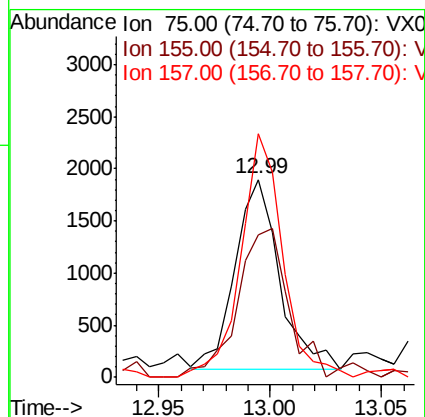
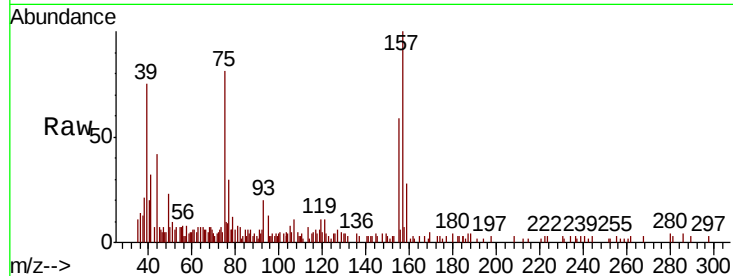
Tot Ion: 75 Resp: 2536

Ion Ratio Lower Upper

75 100

155 88.7 77.5 116.3

157 120.7 103.0 154.4



#89

1,2,4-Trichlorobenzene

Concen: 2.297 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

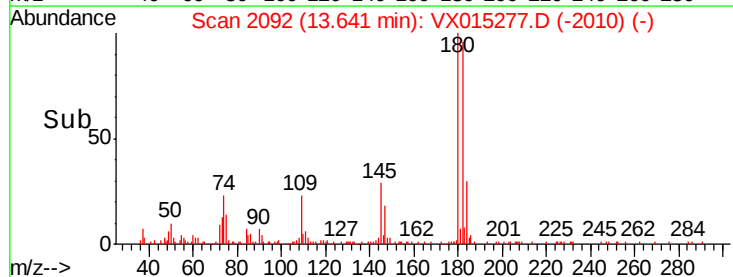
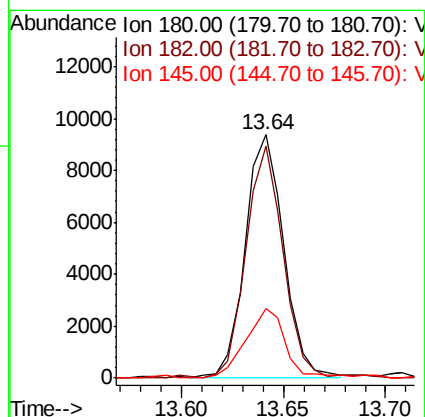
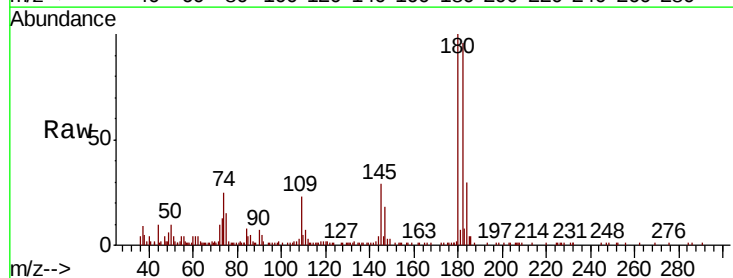
Tgt Ion: 180 Resp: 12336

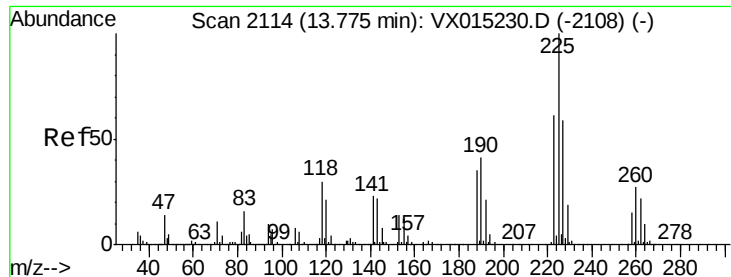
Ion Ratio Lower Upper

180 100

182 91.3 76.6 115.0

145 28.5 22.7 34.1





#90

Hexachlorobutadiene

Concen: 2.244 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

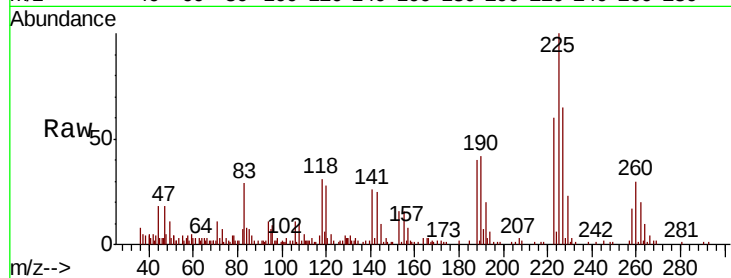
Tot Ion:225 Resp: 6202

Ion Ratio Lower Upper

225 100

223 65.3 0.0 125.0

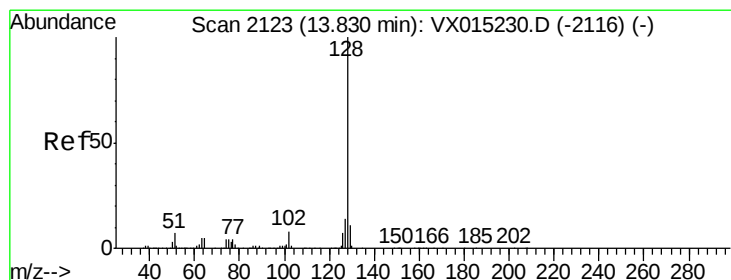
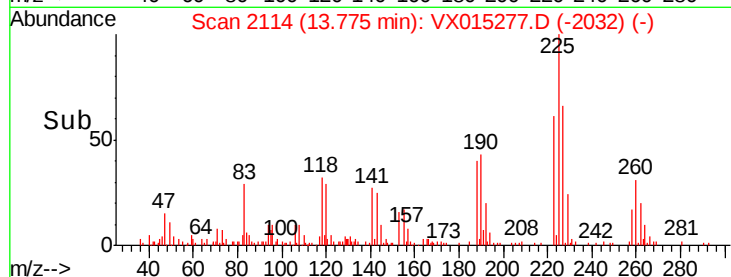
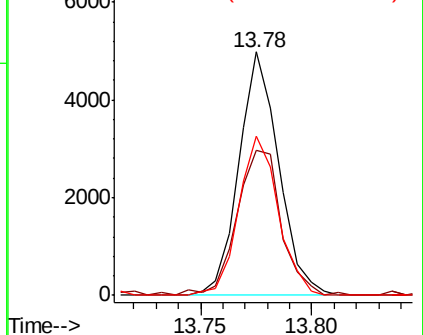
227 64.9 0.0 126.2



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: 2.010 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015277.D

Acq: 13 Mar 2020 23:14

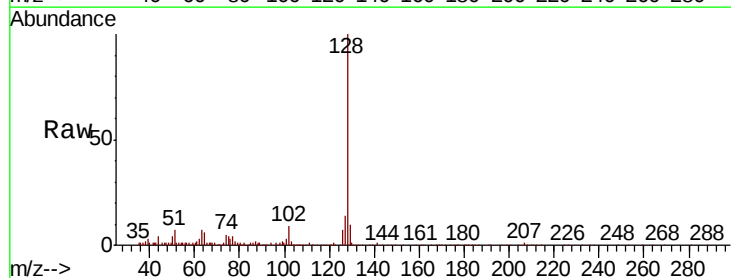
Tgt Ion:128 Resp: 29912

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

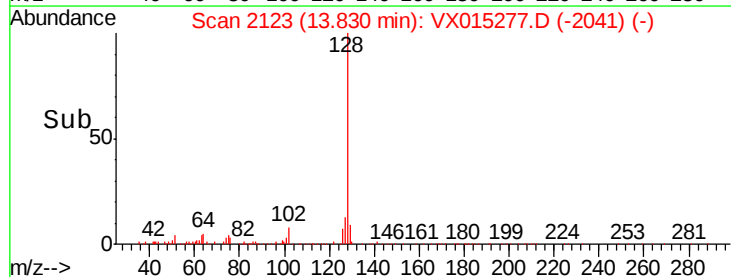
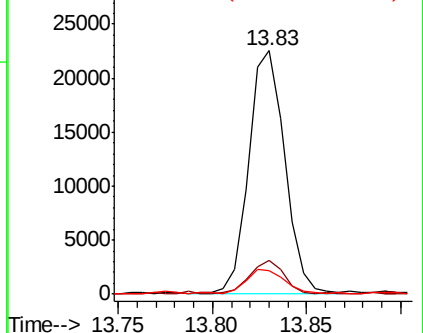
129 10.9 8.7 13.1

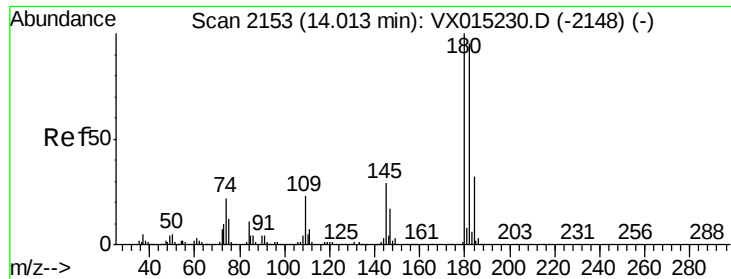


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 2.311 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015277.D
 Acq: 13 Mar 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	180	Resp:	12491
Ion Ratio	Lower	Upper	
180	100		
182	94.9	0.0	192.0
145	28.4	0.0	60.0

