

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031820.D
 Acq On : 30 Sep 2022 18:39
 Operator : JC/MD
 Sample : N3980-07 4.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Oct 03 01:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.897	128	18150	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	102877	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93479	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45542	33.338	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 111.133%#	
60) 4-Bromofluorobenzene	11.079	95	50799	29.362	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.867%	
63) Toluene-d8	8.647	98	145500	30.639	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.133%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3385	4.473	ug/l	96
3) Chloromethane	1.288	50	3995	5.038	ug/l	95
4) Vinyl Chloride	1.374	62	5122	4.815	ug/l	90
5) Bromomethane	1.611	94	4772	4.903	ug/l	96
6) Chloroethane	1.685	64	4788	5.104	ug/l	87
7) Trichlorofluoromethane	1.886	101	10642	4.681	ug/l	88
8) Diethyl Ether	2.130	74	3865	5.018	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	5010	4.644	ug/l	97
10) 1,1-Dichloroethene	2.319	96	4490	4.506	ug/l	89
11) Methyl Iodide	2.453	142	3297	3.022	ug/l	95
12) Methyl Acetate	2.703	43	5682	4.991	ug/l	100
13) Acrolein	2.239	56	2727	27.042	ug/l	100
14) Acrylonitrile	3.068	53	10610	21.957	ug/l	98
15) Acetone	2.392	58	3161	24.147	ug/l	96
16) Carbon Disulfide	2.514	76	9125	4.174	ug/l	98
17) Allyl chloride	2.666	41	5073	4.206	ug/l	95
18) Methylene Chloride	2.788	84	5997	5.259	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	4992	4.326	ug/l	94
20) Diisopropyl ether	3.763	45	12485	4.504	ug/l #	85
21) 1,1-Dichloroethane	3.611	63	8281	4.579	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	6123	4.393	ug/l #	86
23) tert-Butyl Alcohol	2.989	59	3493	19.392	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	14995	4.378	ug/l	100
25) Chloroform	5.099	83	9950	4.481	ug/l	92
26) Cyclohexane	5.464	56	6742m	4.520	ug/l	
29) 1,1-Dichloropropene	5.696	75	6551	4.108	ug/l	99
30) 2-Butanone	4.568	43	14760	22.738	ug/l #	78
31) 2,2-Dichloropropane	4.483	77	5914	3.704	ug/l #	71
32) 1,1,1-Trichloroethane	5.391	97	8224	3.896	ug/l #	34
33) Carbon Tetrachloride	5.678	117	7453	3.851	ug/l	94
34) Benzene	6.043	78	20260	4.293	ug/l	99
35) Methacrylonitrile	4.922	41	2839	4.185	ug/l	89
36) 1,2-Dichloroethane	6.086	62	7765	4.670	ug/l	96
37) Trichloroethene	7.129	130	6143	3.990	ug/l	93
38) Methylcyclohexane	7.385	83	8222	4.212	ug/l	98
39) 1,2-Dichloropropane	7.433	63	4532	4.202	ug/l	94
40) Dibromomethane	7.586	93	4163	4.413	ug/l	97
41) Bromodichloromethane	7.824	83	6807	3.978	ug/l	92
42) Vinyl Acetate	3.727	43	45806	19.568	ug/l	99

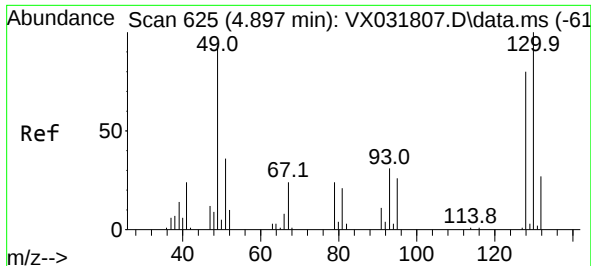
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	5757m	4.414	ug/l	
44) Isopropyl Acetate	6.342	43	8413	4.058	ug/l	95
45) 1,4-Dioxane	7.708	88	2328	78.477	ug/l	94
46) Methyl methacrylate	7.696	41	3890	4.020	ug/l	91
47) n-amyl Acetate	10.847	43	5867	3.295	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	5559	3.295	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	6286	3.397	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	5841	4.275	ug/l	94
51) Ethyl methacrylate	9.122	69	6177	3.487	ug/l	96
52) 1,3-Dichloropropane	9.311	76	8970	4.284	ug/l	97
53) Dibromochloromethane	9.525	129	5004	3.289	ug/l	97
54) 1,2-Dibromoethane	9.610	107	5813	3.840	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	17809	20.504	ug/l	96
56) Bromoform	10.799	173	3184	2.855	ug/l #	97
58) 4-Methyl-2-Pentanone	8.573	43	27971	22.257	ug/l	98
59) 2-Hexanone	9.433	43	19828	21.095	ug/l	99
61) Tetrachloroethene	9.275	164	6259	4.170	ug/l	93
62) Toluene	8.720	91	23295	4.353	ug/l	100
64) Chlorobenzene	10.079	112	15208	4.164	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	4933	3.563	ug/l	94
66) Ethyl Benzene	10.195	91	24560	4.072	ug/l	94
67) m/p-Xylenes	10.305	106	20227	8.053	ug/l	99
68) o-Xylene	10.640	106	10280	4.169	ug/l	95
69) Styrene	10.659	104	15127	3.777	ug/l	97
70) Isopropylbenzene	10.963	105	25408	3.965	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	7984	4.371	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	6640m	4.191	ug/l	
73) Bromobenzene	11.201	156	6535	3.802	ug/l	97
74) n-propylbenzene	11.305	91	28456	4.039	ug/l	97
75) 2-Chlorotoluene	11.366	91	17417	4.112	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	21197	3.924	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	1125	2.452	ug/l #	54
78) 4-Chlorotoluene	11.457	91	20137	4.170	ug/l	99
79) tert-butylbenzene	11.713	119	20805	3.831	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	20717	3.867	ug/l	100
81) sec-Butylbenzene	11.890	105	26213	3.942	ug/l	99
82) p-Isopropyltoluene	12.012	119	21163	3.621	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	12621	3.881	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	11828	3.546	ug/l	96
85) n-Butylbenzene	12.335	91	16339	3.625	ug/l	97
86) Hexachloroethane	12.542	117	2929	3.192	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	12442	3.834	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1381	3.768	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	7064	3.365	ug/l	94
90) Hexachlorobutadiene	13.725	225	2911	3.451	ug/l	95
91) Naphthalene	13.774	128	23199	3.454	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	7102	3.415	ug/l	96

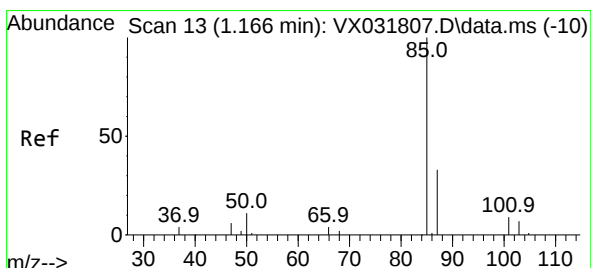
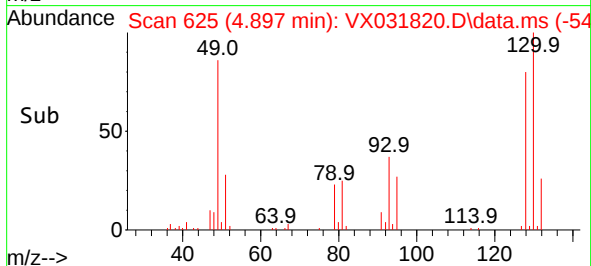
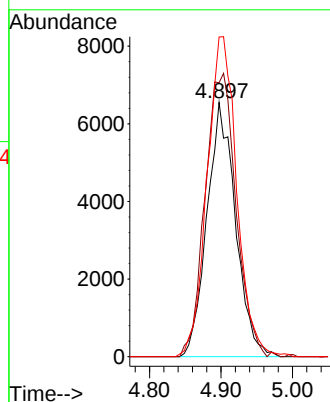
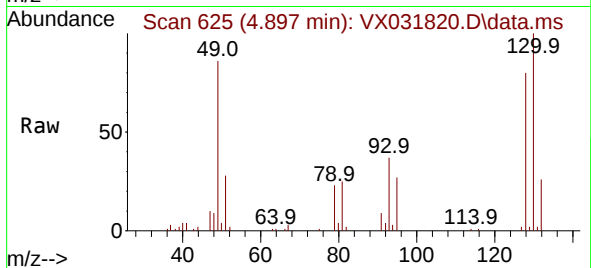
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

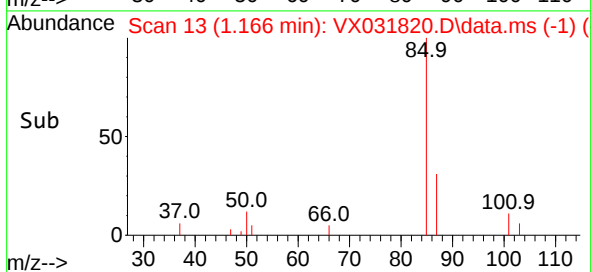
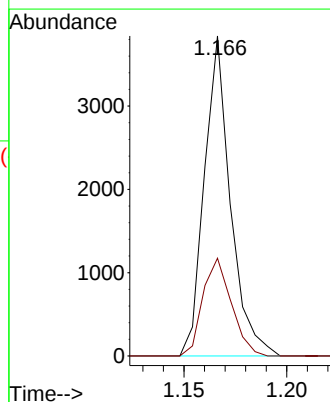
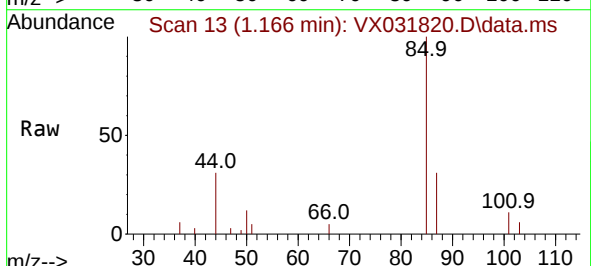
Instrument :
MSVOA_X
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LOD-MDL-WATER-01-QT3-2022

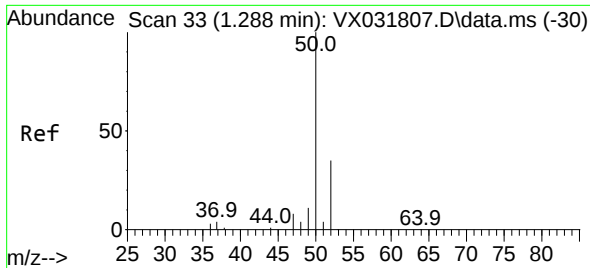
Tgt Ion:128 Resp: 18150
Ion Ratio Lower Upper
128 100
49 121.3 0.0 293.0
130 130.7 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 4.473 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 85 Resp: 3385
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5

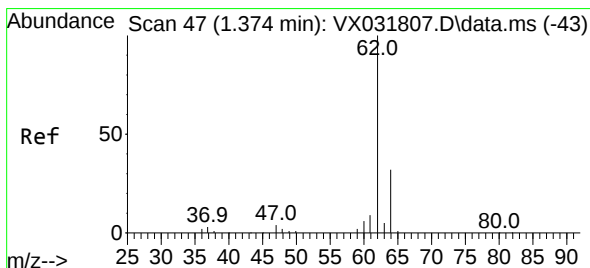
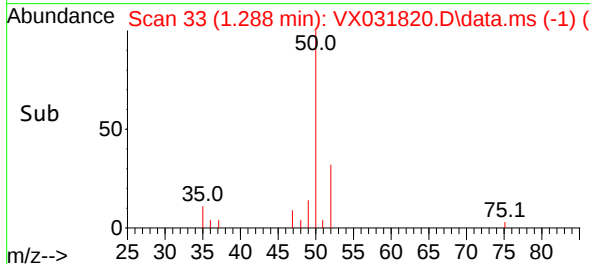
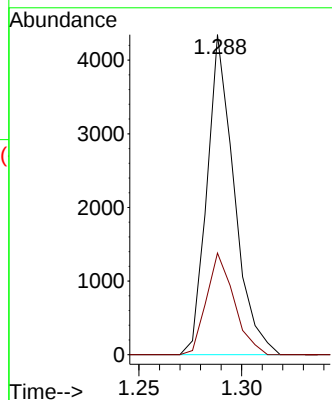
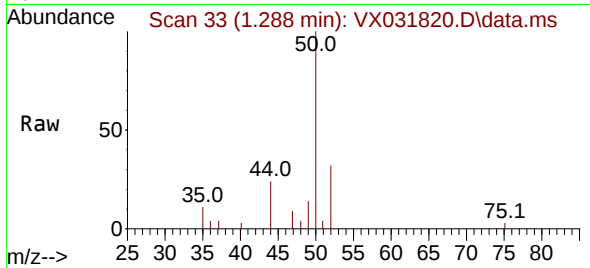




#3
Chloromethane
Concen: 5.038 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

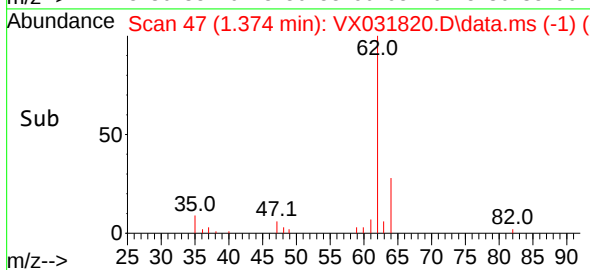
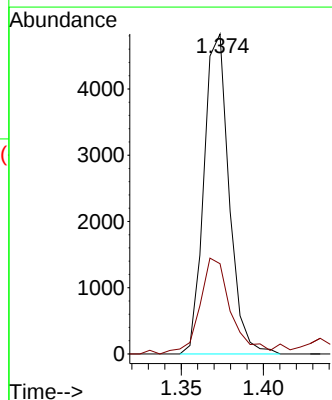
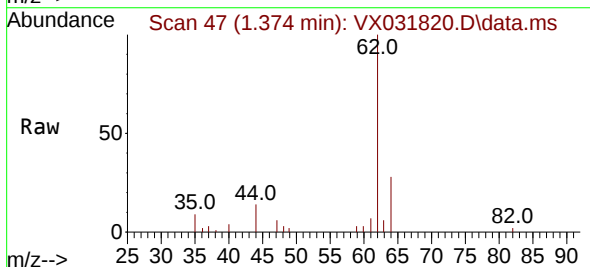
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

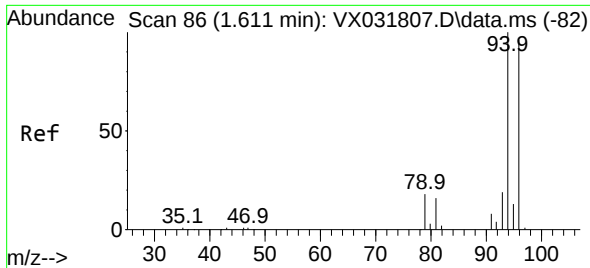
Tgt Ion: 50 Resp: 3995
Ion Ratio Lower Upper
50 100
52 31.8 27.6 41.4



#4
Vinyl Chloride
Concen: 4.815 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 62 Resp: 5122
Ion Ratio Lower Upper
62 100
64 26.7 25.7 38.5

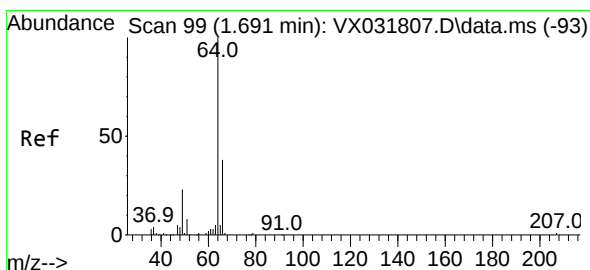
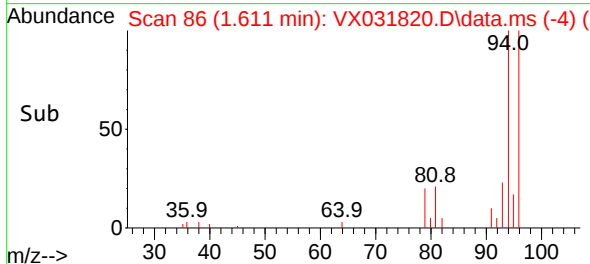
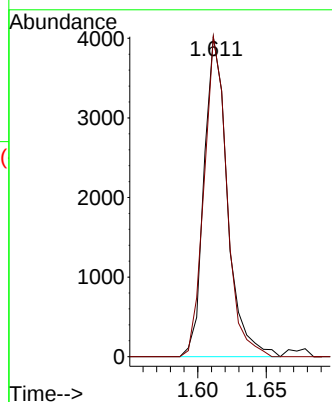
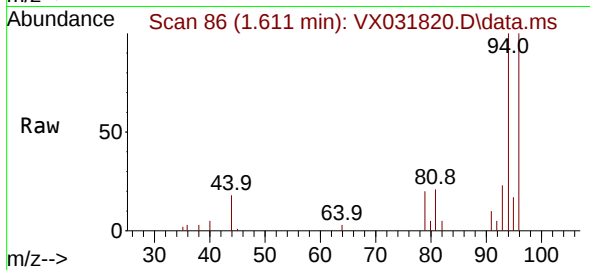




#5
Bromomethane
Concen: 4.903 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

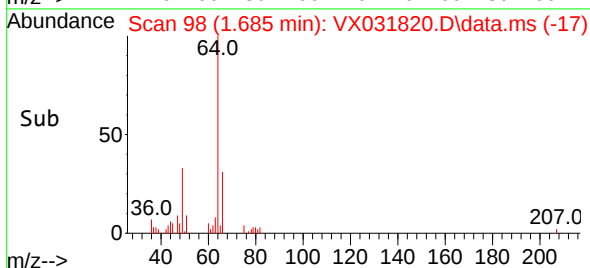
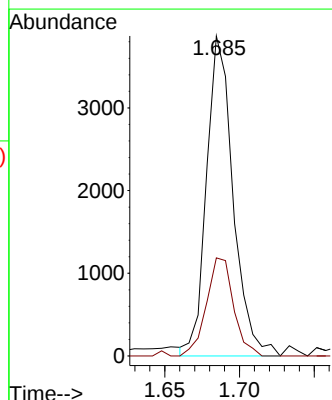
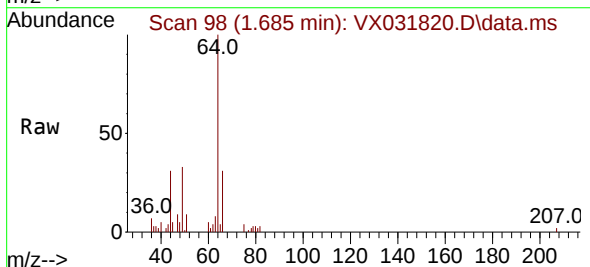
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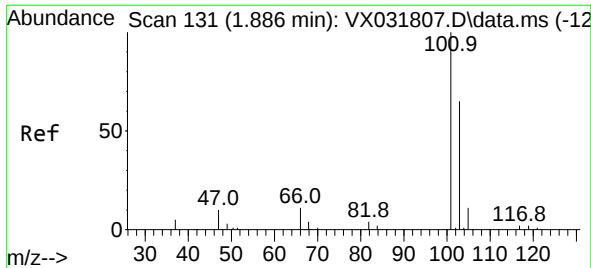
Tgt Ion: 94 Resp: 4772
Ion Ratio Lower Upper
94 100
96 100.1 76.8 115.2



#6
Chloroethane
Concen: 5.104 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 64 Resp: 4788
Ion Ratio Lower Upper
64 100
66 30.6 30.6 46.0

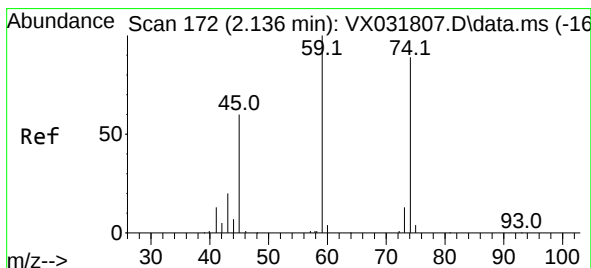
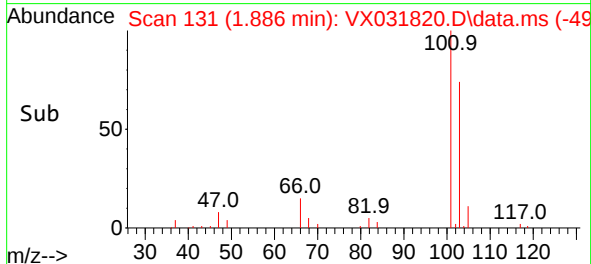
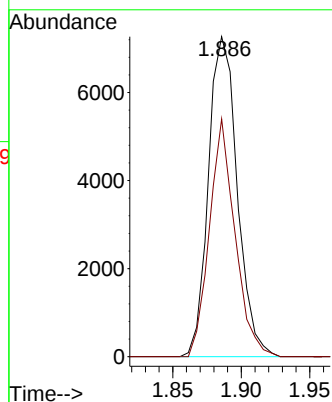
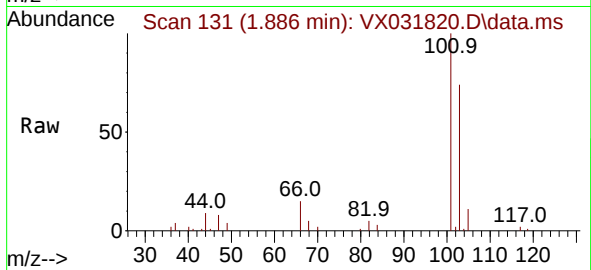




#7
Trichlorofluoromethane
Concen: 4.681 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

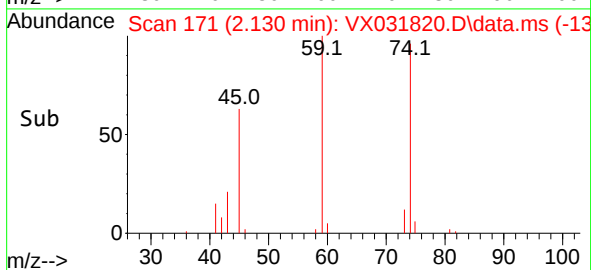
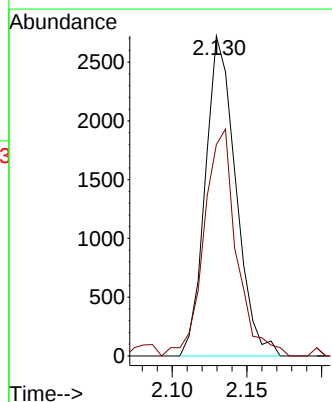
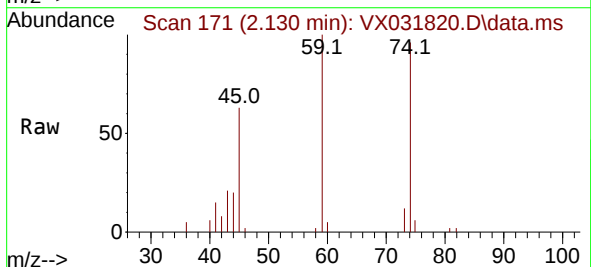
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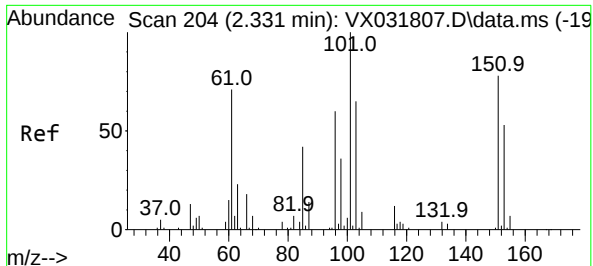
Tgt Ion:101 Resp: 10642
Ion Ratio Lower Upper
101 100
103 74.3 51.7 77.5



#8
Diethyl Ether
Concen: 5.018 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 74 Resp: 3865
Ion Ratio Lower Upper
74 100
45 75.2 14.2 127.8

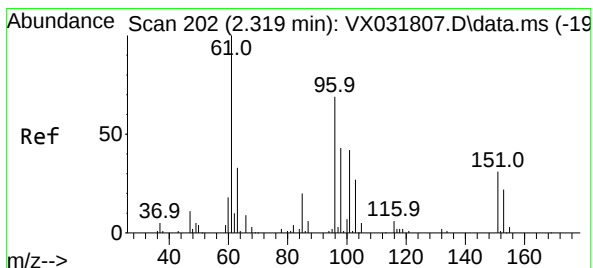
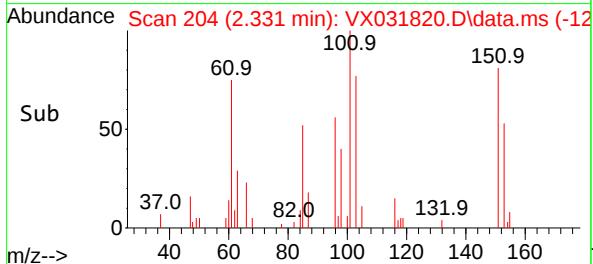
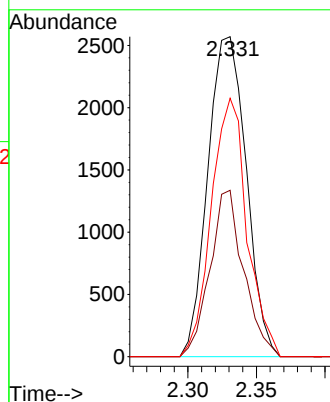
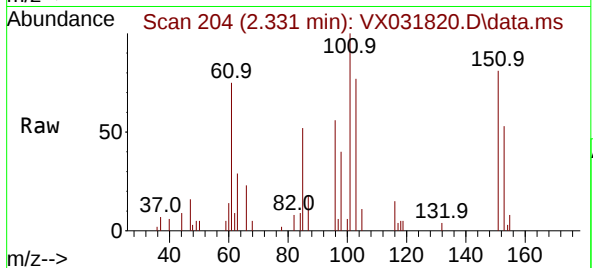




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.644 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

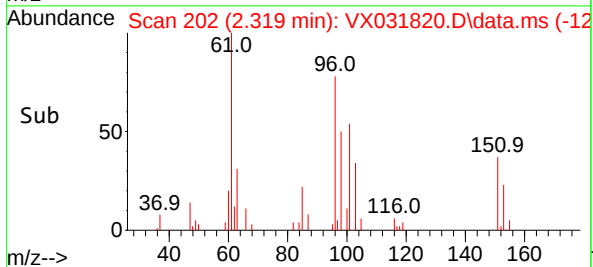
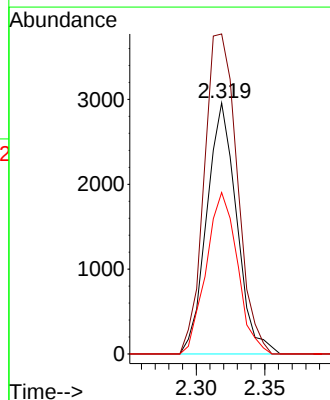
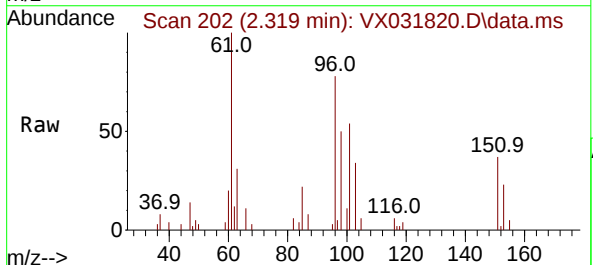
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

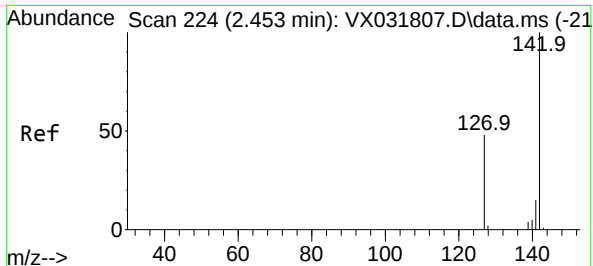
Tgt Ion:101 Resp: 5010
Ion Ratio Lower Upper
101 100
85 45.6 0.0 88.8
151 75.1 0.0 156.6



#10
1,1-Dichloroethene
Concen: 4.506 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 96 Resp: 4490
Ion Ratio Lower Upper
96 100
61 127.5 115.8 173.6
98 64.3 49.7 74.5





#11

Methyl Iodide

Concen: 3.022 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031820.D

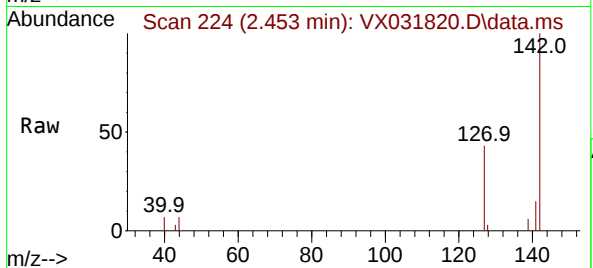
Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



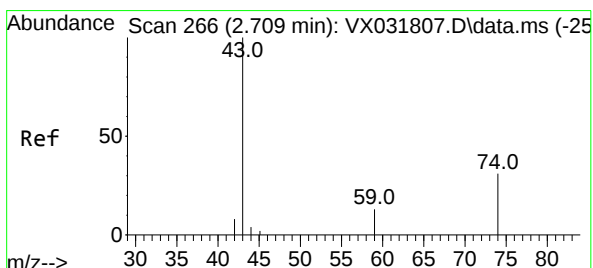
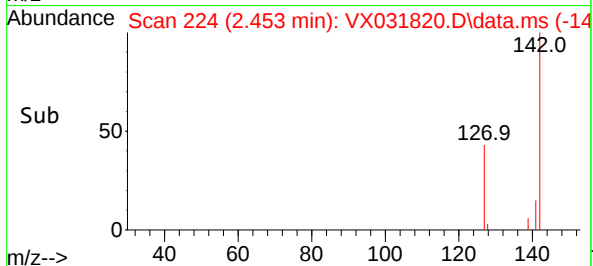
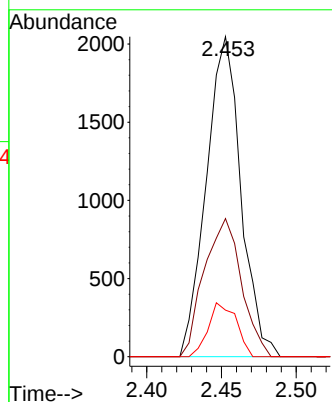
Tgt Ion:142 Resp: 3297

Ion Ratio Lower Upper

142 100

127 43.2 23.8 71.2

141 14.6 7.6 22.8



#12

Methyl Acetate

Concen: 4.991 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX031820.D

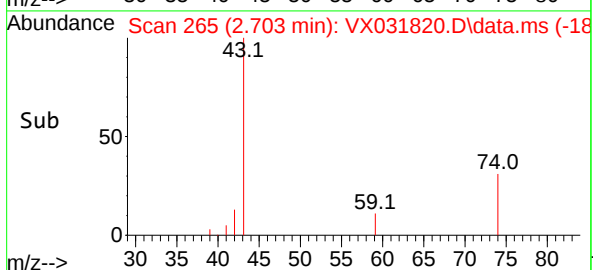
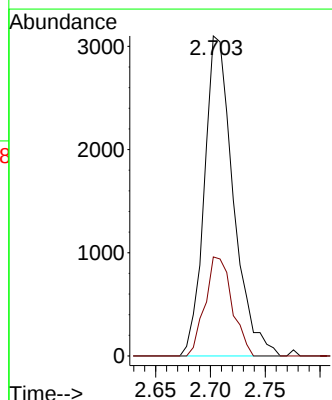
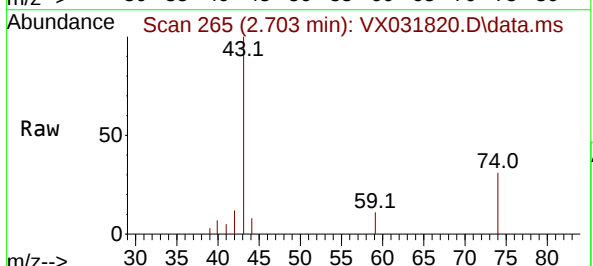
Acq: 30 Sep 2022 18:39

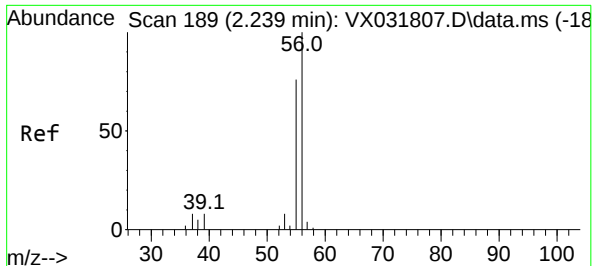
Tgt Ion: 43 Resp: 5682

Ion Ratio Lower Upper

43 100

74 30.9 24.8 37.2

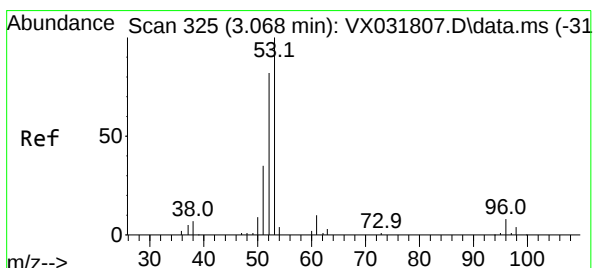
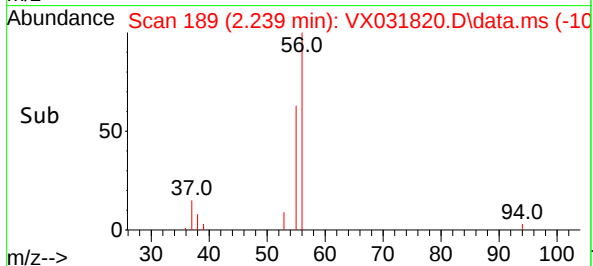
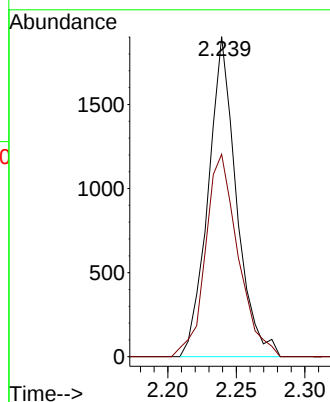
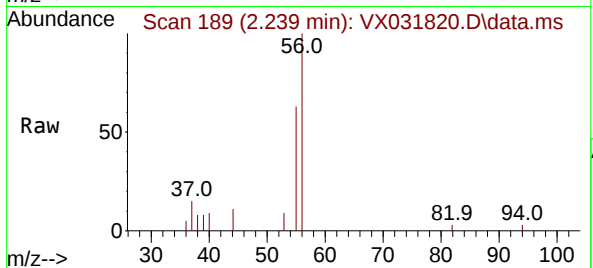




#13
Acrolein
Concen: 27.042 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

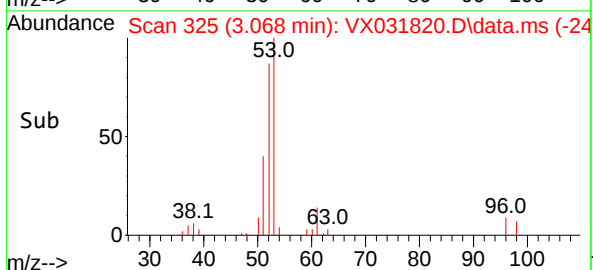
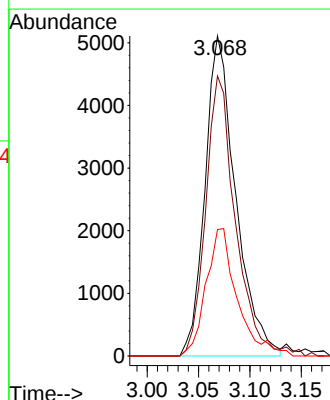
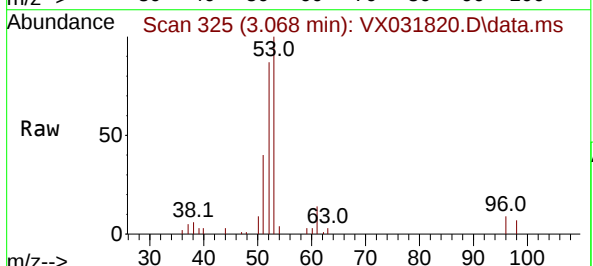
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

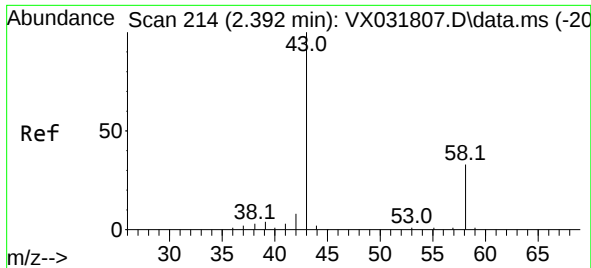
Tgt Ion: 56 Resp: 2727
Ion Ratio Lower Upper
56 100
55 72.8 58.4 87.6



#14
Acrylonitrile
Concen: 21.957 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 53 Resp: 10610
Ion Ratio Lower Upper
53 100
52 83.9 41.5 124.5
51 38.5 18.3 54.9





#15

Acetone

Concen: 24.147 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

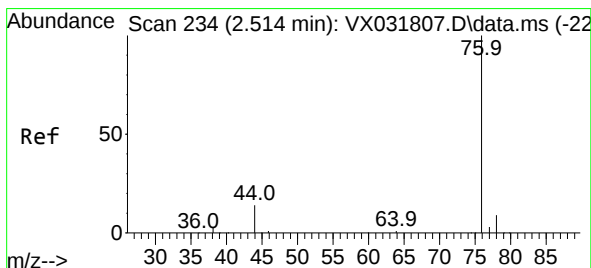
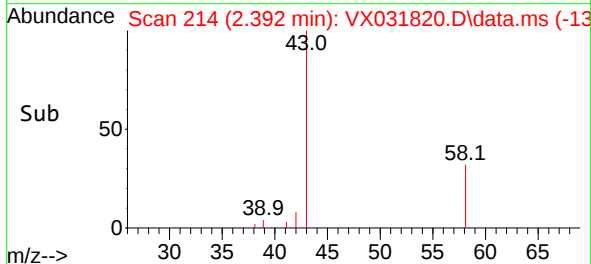
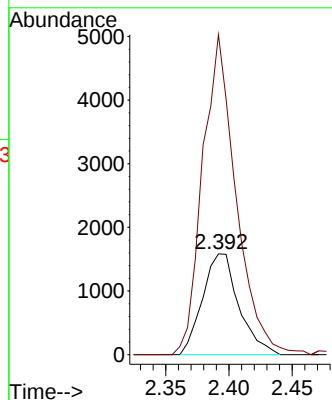
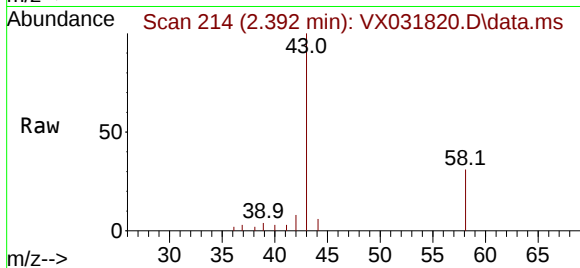
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 58 Resp: 3161

Ion Ratio Lower Upper

58 100

43 310.5 242.6 364.0



#16

Carbon Disulfide

Concen: 4.174 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX031820.D

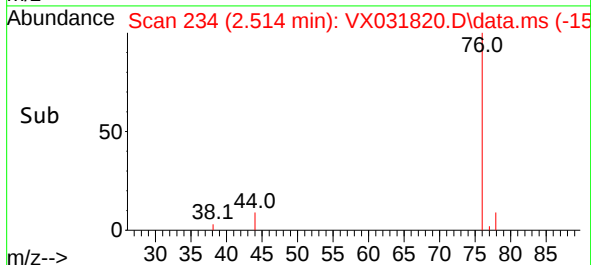
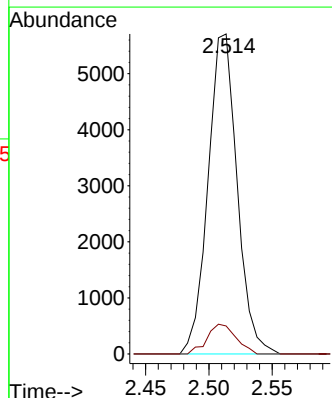
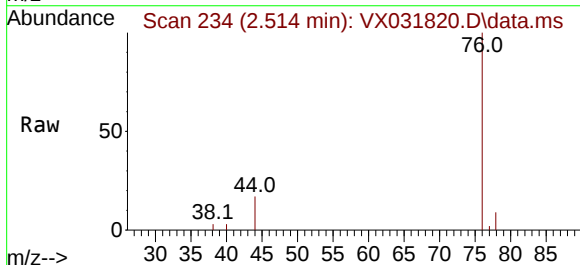
Acq: 30 Sep 2022 18:39

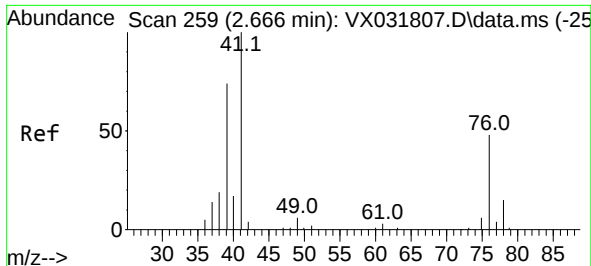
Tgt Ion: 76 Resp: 9125

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#17

Allyl chloride

Concen: 4.206 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

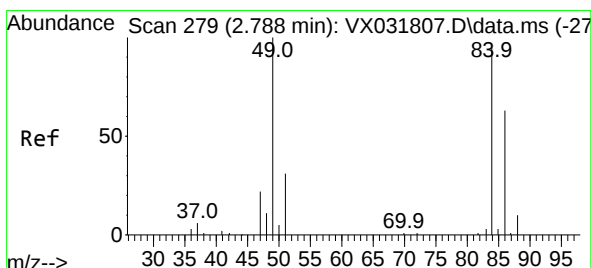
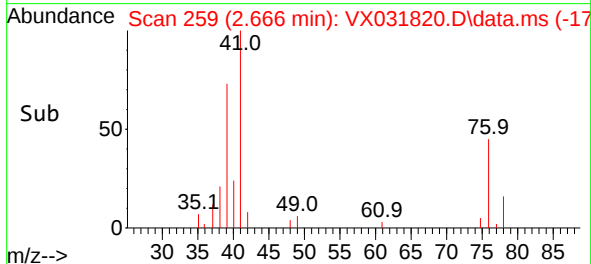
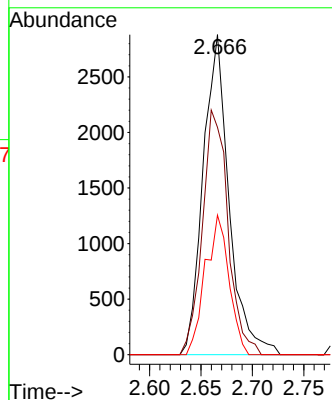
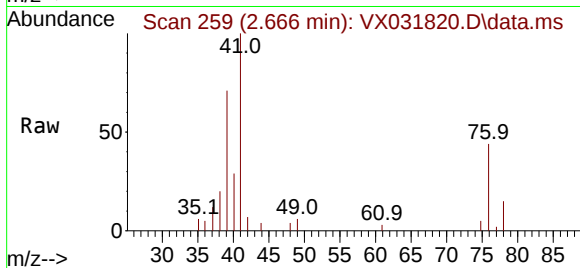
Tgt Ion: 41 Resp: 5073

Ion Ratio Lower Upper

41 100

39 71.0 37.0 111.0

76 43.6 23.8 71.5



#18

Methylene Chloride

Concen: 5.259 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Tgt Ion: 84 Resp: 5997

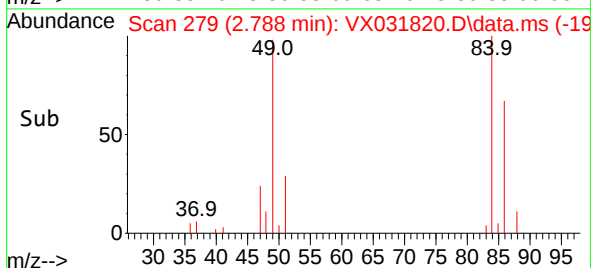
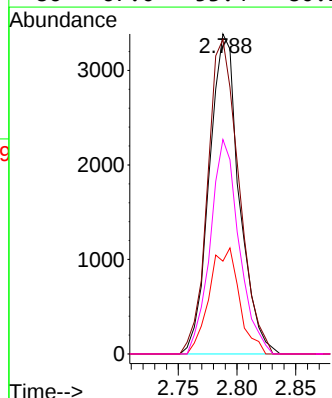
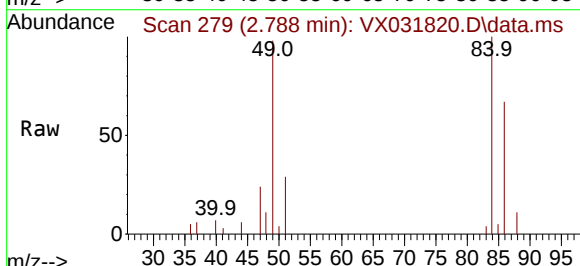
Ion Ratio Lower Upper

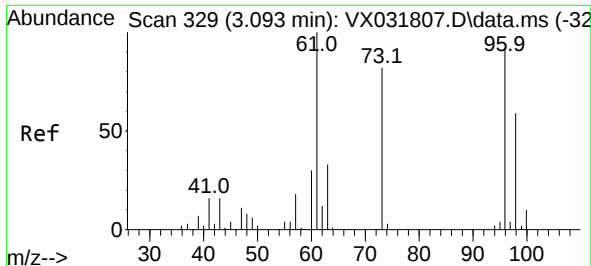
84 100

49 98.3 84.6 127.0

51 29.0 26.5 39.7

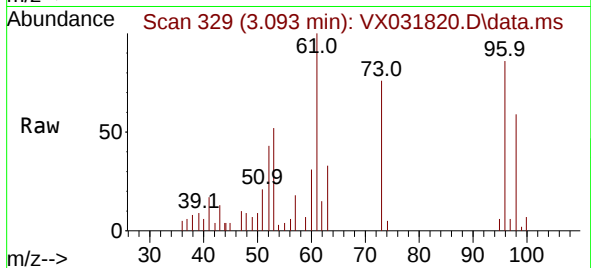
86 67.0 53.4 80.2





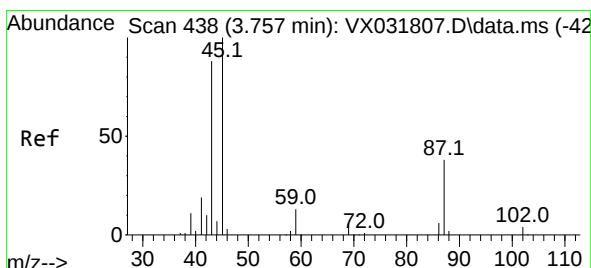
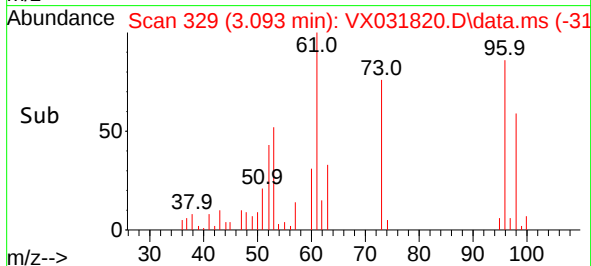
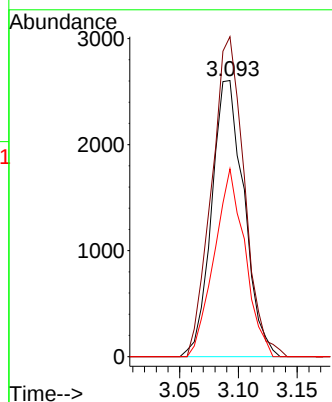
#19
trans-1,2-Dichloroethene
Concen: 4.326 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 96 Resp: 4992

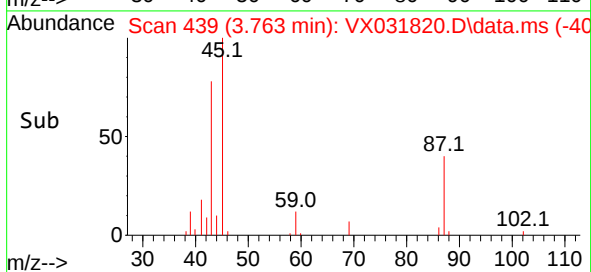
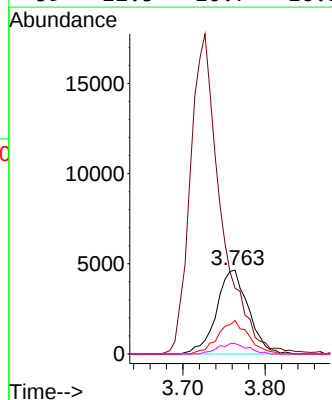
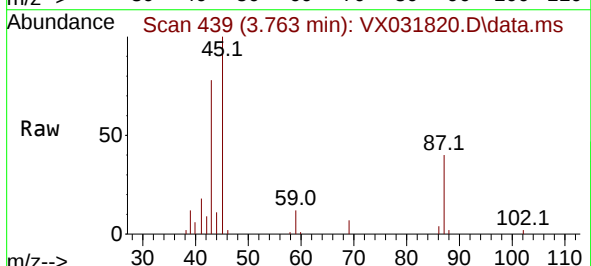
Ion	Ratio	Lower	Upper
96	100		
61	115.9	87.4	131.0
98	68.0	51.5	77.3

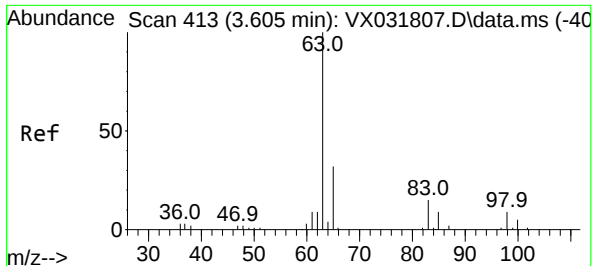


#20
Diisopropyl ether
Concen: 4.504 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 45 Resp: 12485

Ion	Ratio	Lower	Upper
45	100		
43	71.6	74.5	111.7#
87	39.8	30.4	45.6
59	12.5	10.7	16.1





#21

1,1-Dichloroethane

Concen: 4.579 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

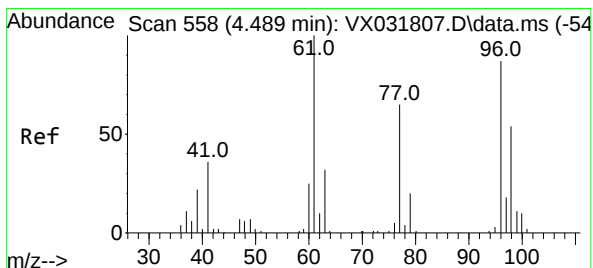
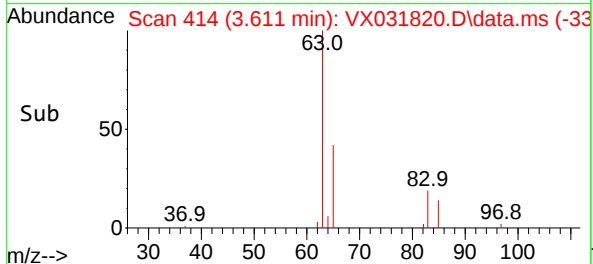
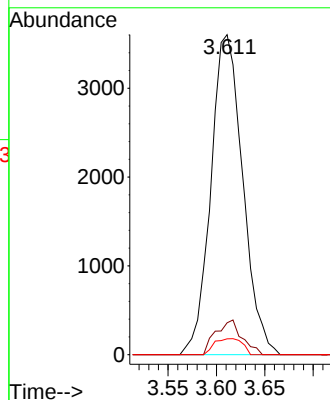
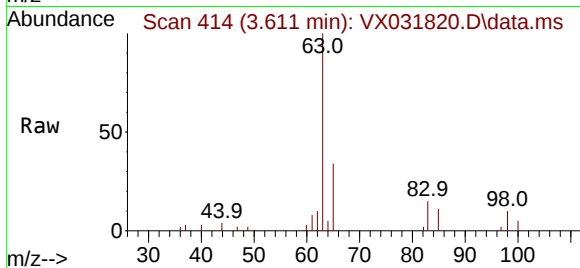
Tgt Ion: 63 Resp: 8281

Ion Ratio Lower Upper

63 100

98 10.0 4.5 13.7

100 4.9 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 4.393 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

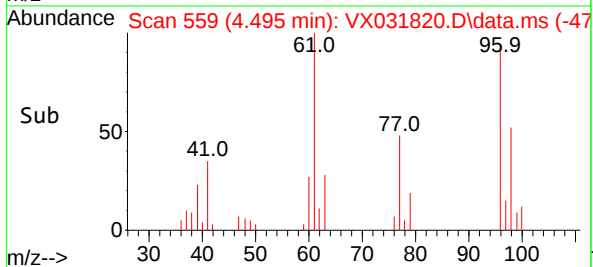
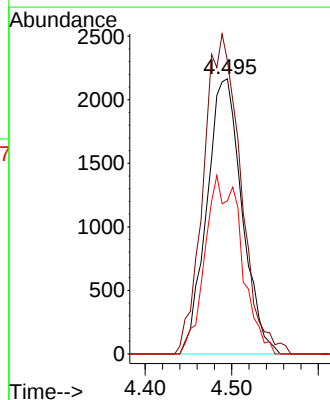
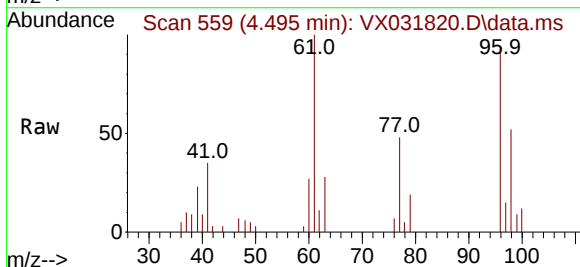
Tgt Ion: 96 Resp: 6123

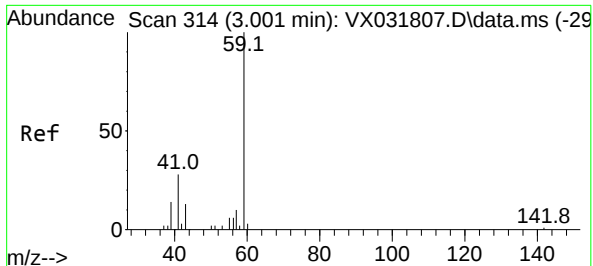
Ion Ratio Lower Upper

96 100

61 121.4 98.0 147.0

98 34.2 52.2 78.4#





#23

tert-Butyl Alcohol

Concen: 19.392 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.012 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

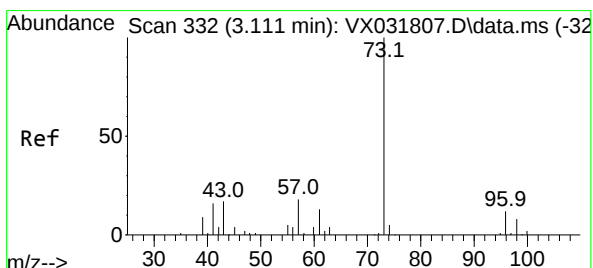
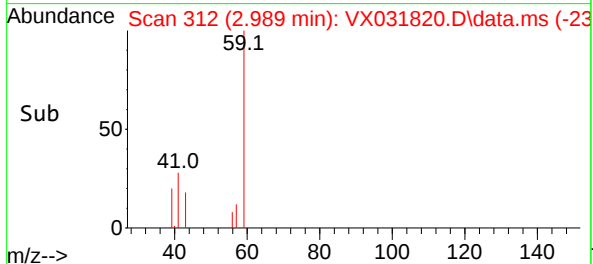
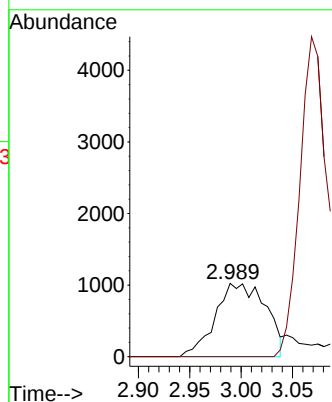
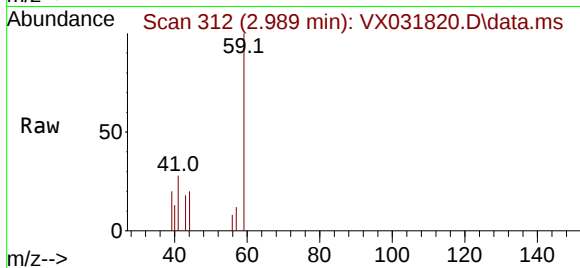
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 59 Resp: 3493

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 4.378 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX031820.D

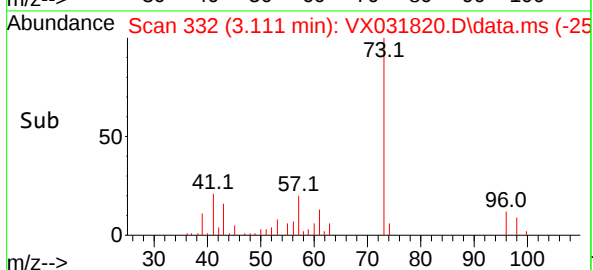
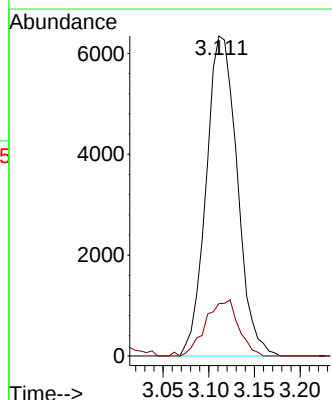
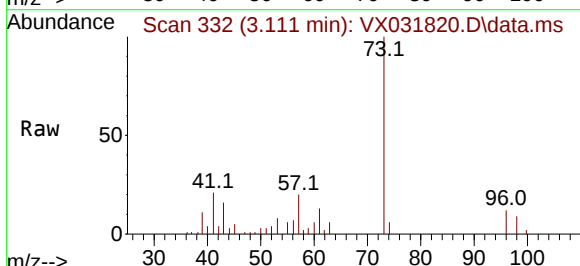
Acq: 30 Sep 2022 18:39

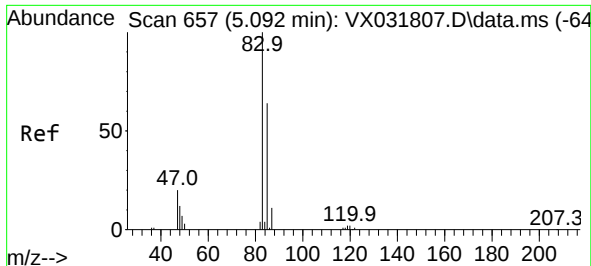
Tgt Ion: 73 Resp: 14995

Ion Ratio Lower Upper

73 100

43 18.4 14.8 22.2

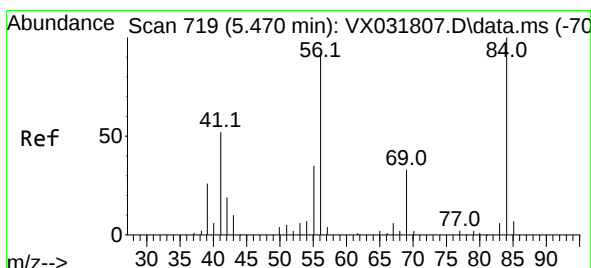
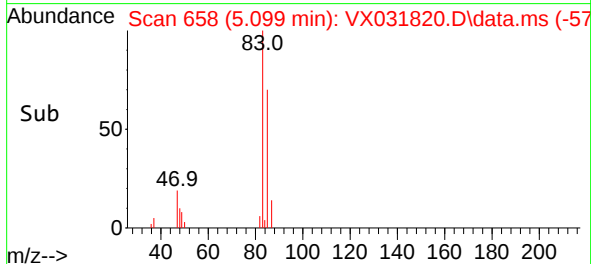
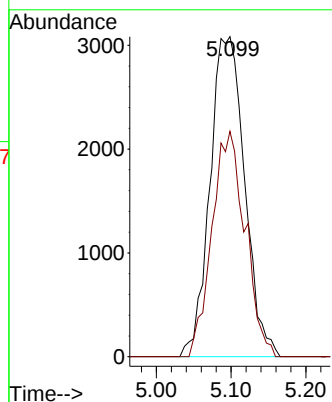
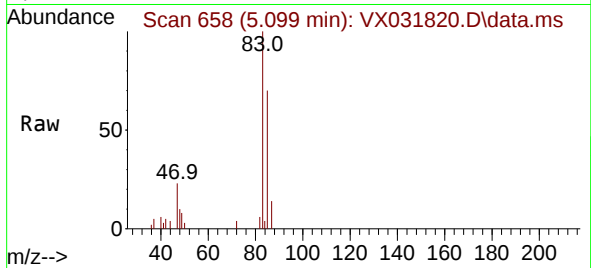




#25
Chloroform
Concen: 4.481 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

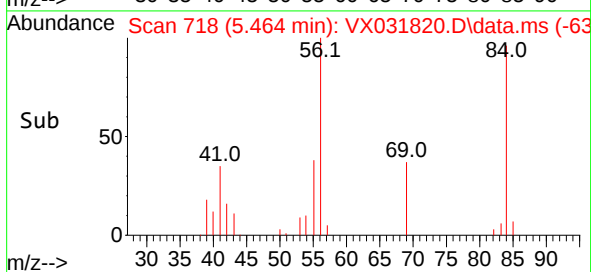
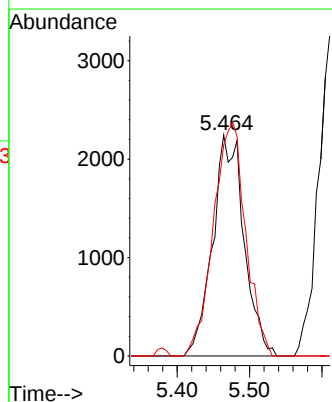
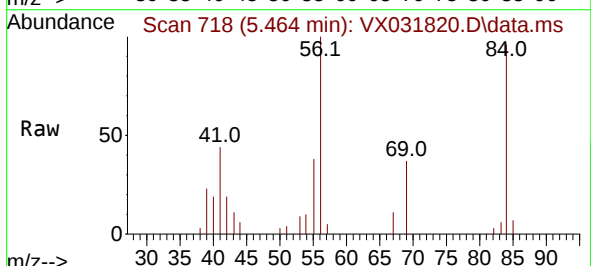
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

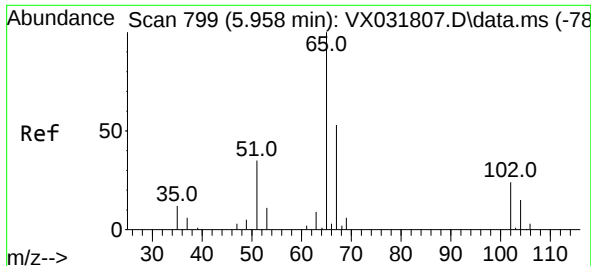
Tgt Ion: 83 Resp: 9950
Ion Ratio Lower Upper
83 100
85 70.4 51.4 77.0



#26
Cyclohexane
Concen: 4.520 ug/l m
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 56 Resp: 6742
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 108.6 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 33.338 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

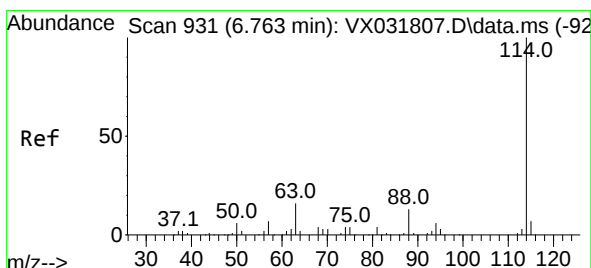
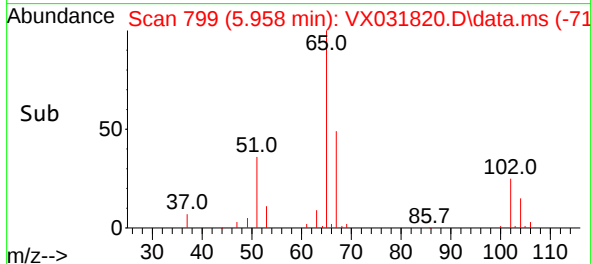
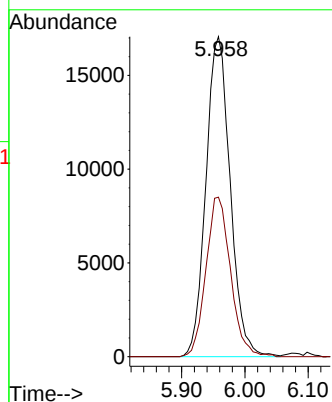
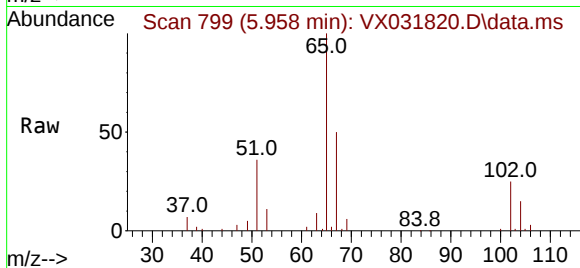
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 65 Resp: 45542

Ion Ratio Lower Upper

65 100

67 50.5 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

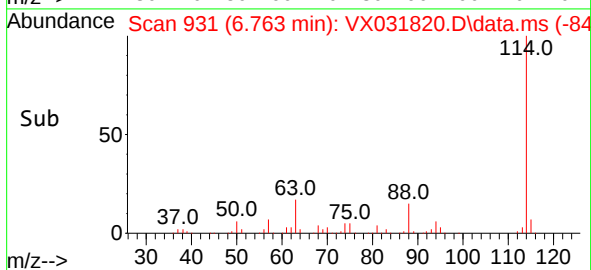
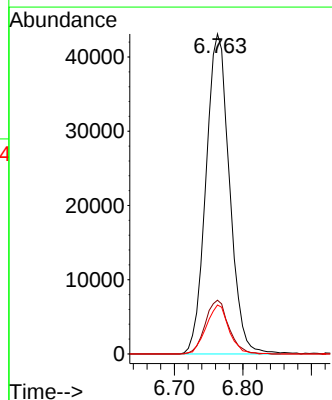
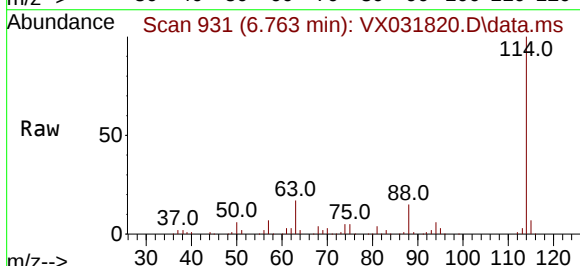
Tgt Ion: 114 Resp: 102877

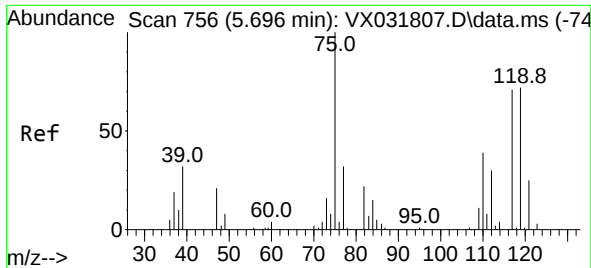
Ion Ratio Lower Upper

114 100

63 16.8 13.6 20.4

88 14.8 11.8 17.6





#29

1,1-Dichloropropene

Concen: 4.108 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

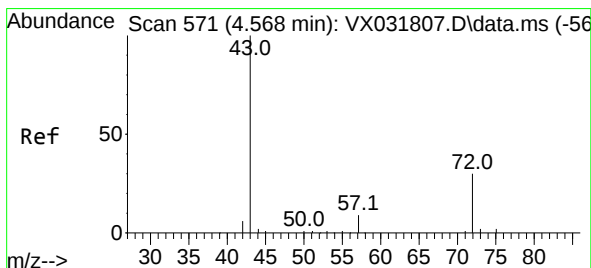
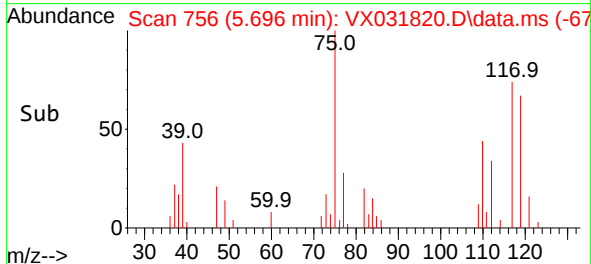
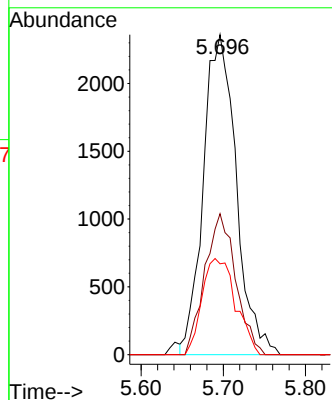
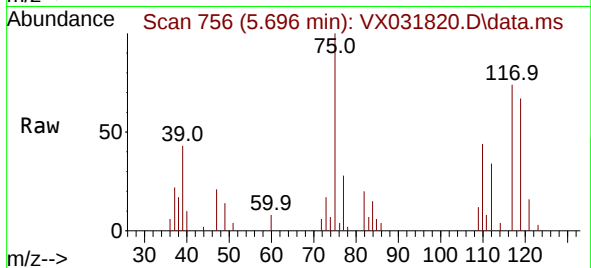
Tgt Ion: 75 Resp: 6551

Ion Ratio Lower Upper

75 100

110 41.5 0.0 80.4

77 30.8 0.0 62.0



#30

2-Butanone

Concen: 22.738 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

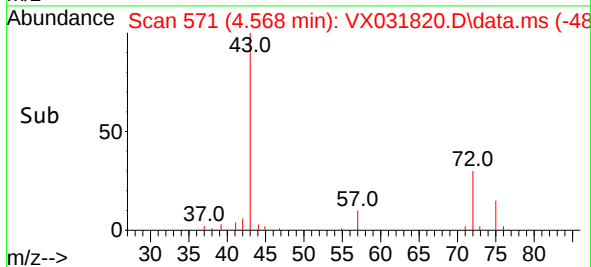
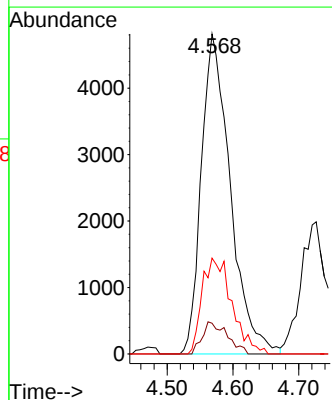
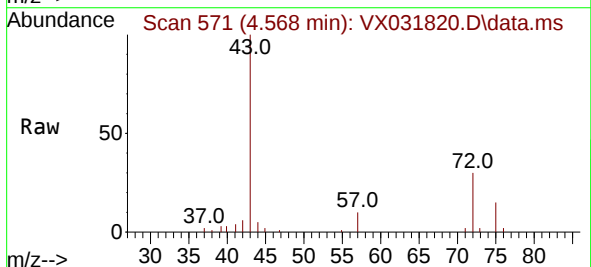
Tgt Ion: 43 Resp: 14760

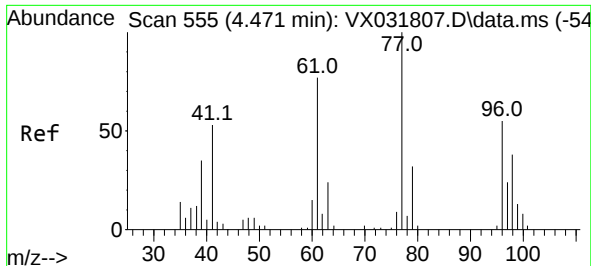
Ion Ratio Lower Upper

43 100

57 5.7 7.5 11.3#

72 18.7 26.6 39.8#

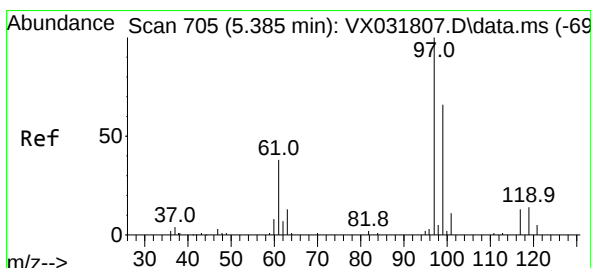
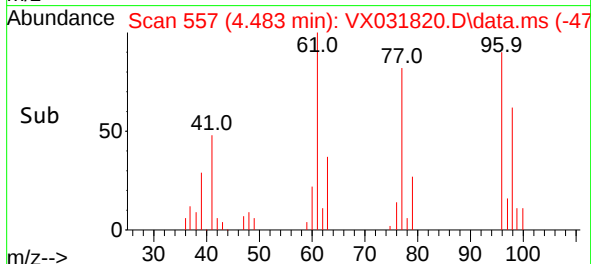
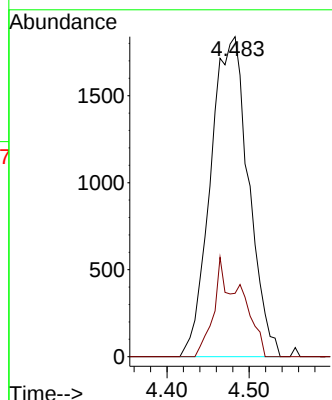
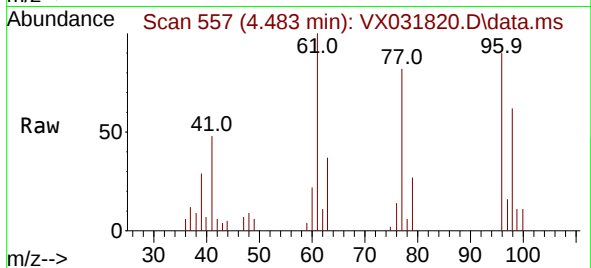




#31
2,2-Dichloropropane
Concen: 3.704 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

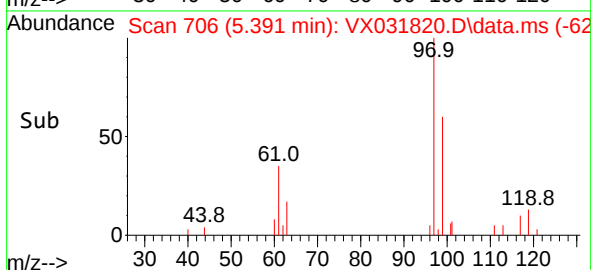
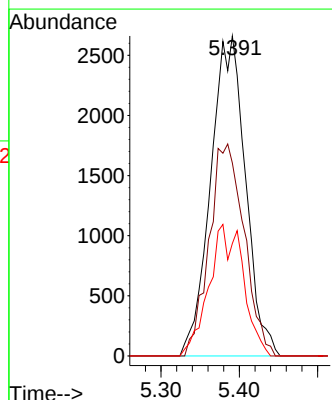
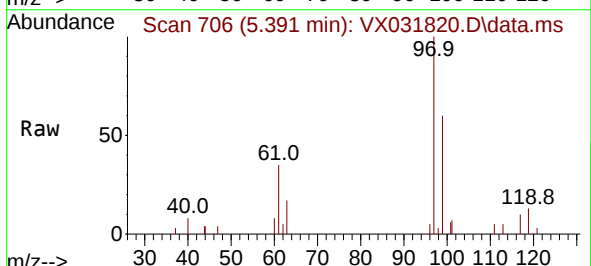
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

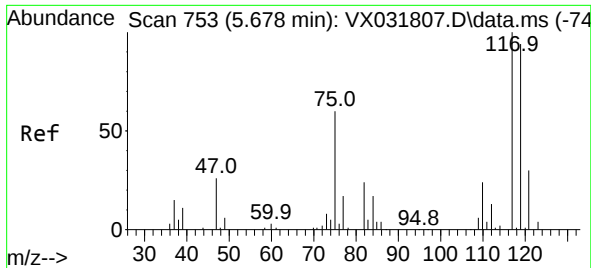
Tgt Ion: 77 Resp: 5914
Ion Ratio Lower Upper
77 100
97 10.3 20.0 30.0#



#32
1,1,1-Trichloroethane
Concen: 3.896 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 97 Resp: 8224
Ion Ratio Lower Upper
97 100
99 0.0 53.8 80.6#
61 17.2 31.3 46.9#

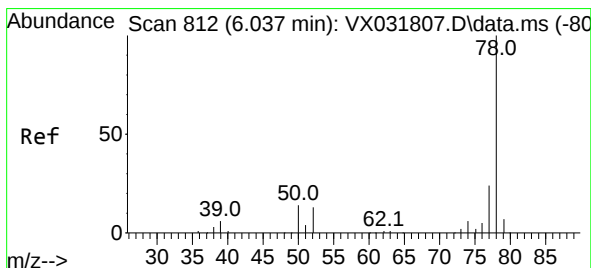
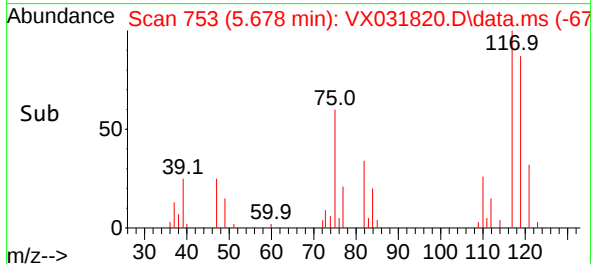
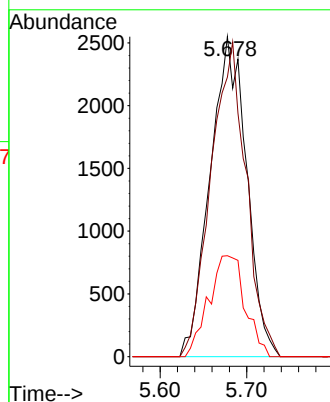
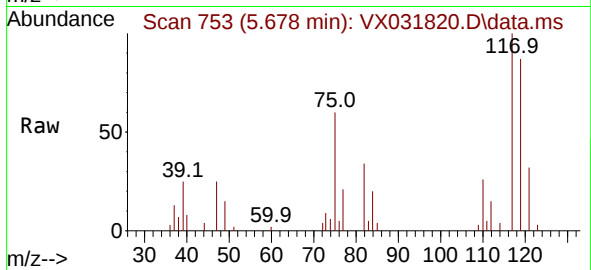




#33
Carbon Tetrachloride
Concen: 3.851 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

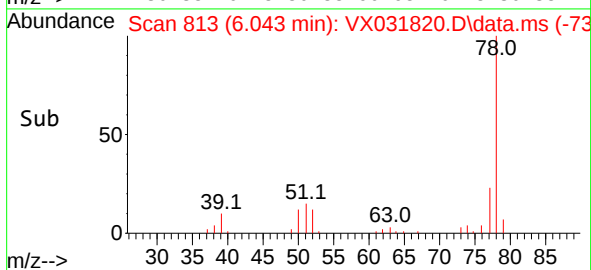
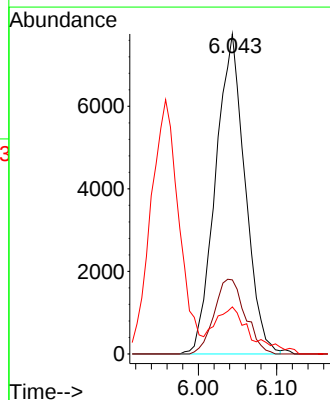
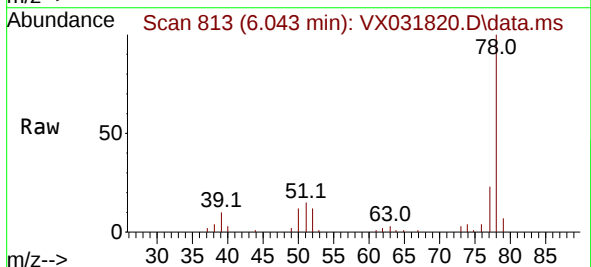
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

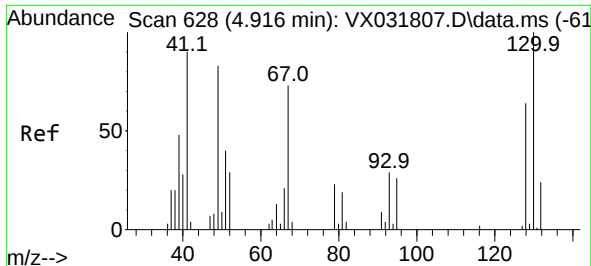
Tgt Ion:	117	Resp:	7453
Ion	Ratio	Lower	Upper
117	100		
119	87.3	75.4	113.2
121	31.5	24.4	36.6



#34
Benzene
Concen: 4.293 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion:	78	Resp:	20260
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6
51	12.5	10.6	15.8

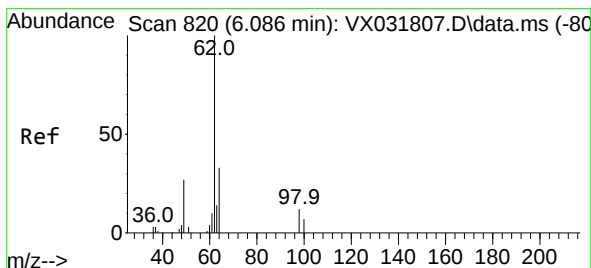
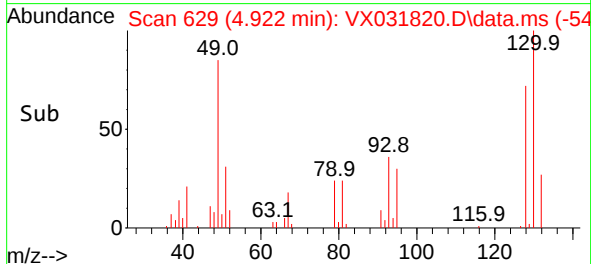
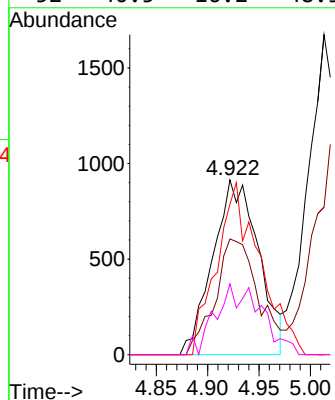
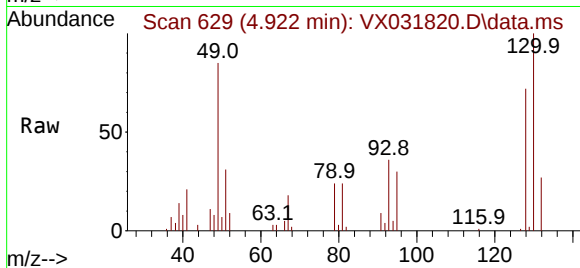




#35
Methacrylonitrile
Concen: 4.185 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

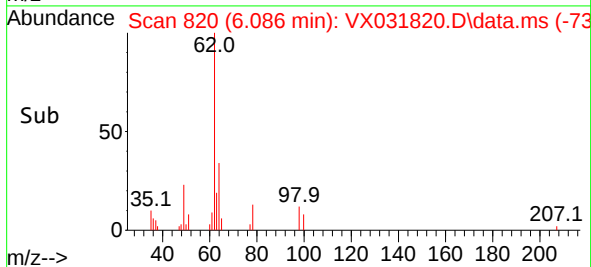
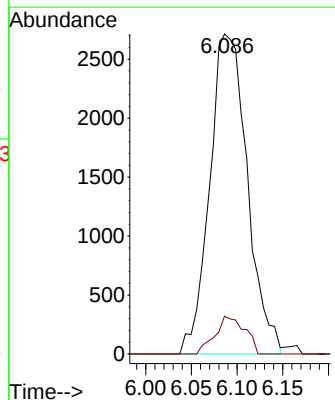
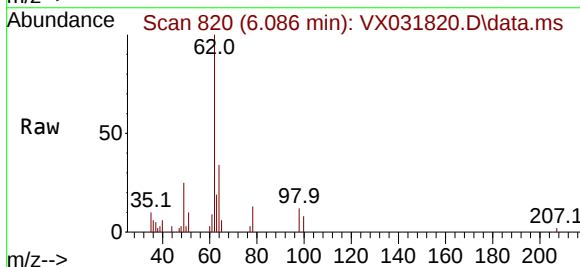
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

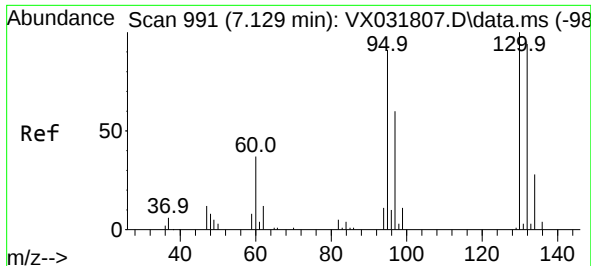
Tgt Ion:	41	Resp:	2839
Ion	Ratio	Lower	Upper
41	100		
39	66.2	26.9	80.7
67	86.1	40.6	121.8
52	40.5	16.2	48.5



#36
1,2-Dichloroethane
Concen: 4.670 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion:	62	Resp:	7765
Ion	Ratio	Lower	Upper
62	100		
98	9.3	8.8	13.2





#37

Trichloroethene

Concen: 3.990 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

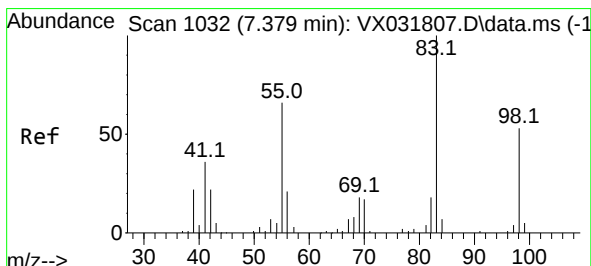
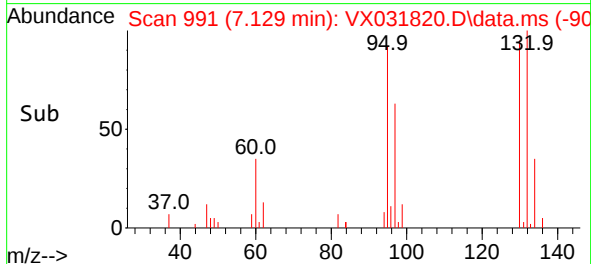
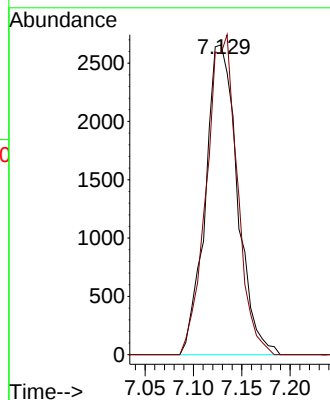
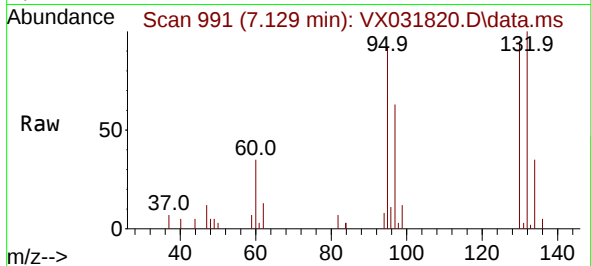
ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:130 Resp: 6143

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	97.2	72.4	108.6



#38

Methylcyclohexane

Concen: 4.212 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

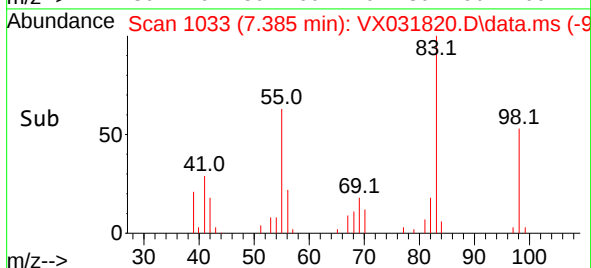
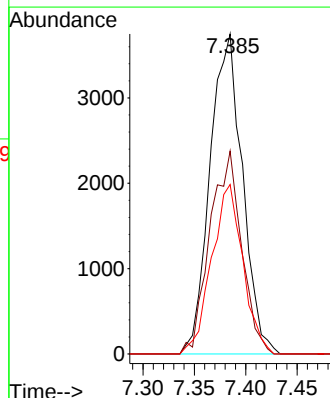
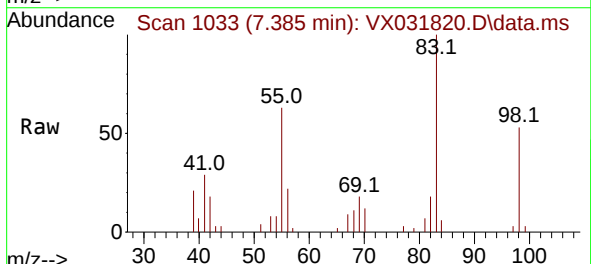
Lab File: VX031820.D

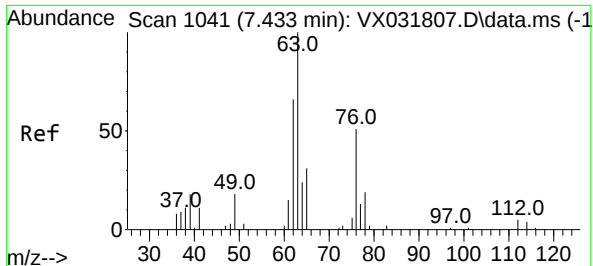
Acq: 30 Sep 2022 18:39

Tgt Ion: 83 Resp: 8222

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
83	100		
55	62.0	31.6	94.7
98	51.0	26.9	80.6





#39

1,2-Dichloropropane

Concen: 4.202 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

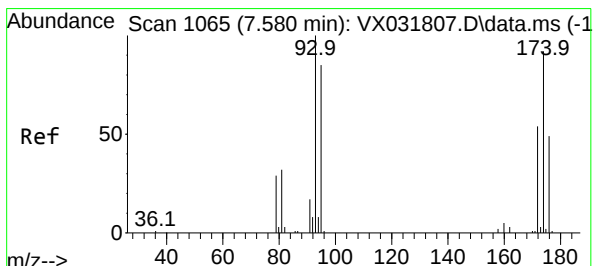
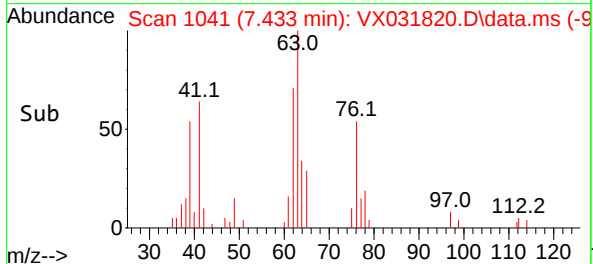
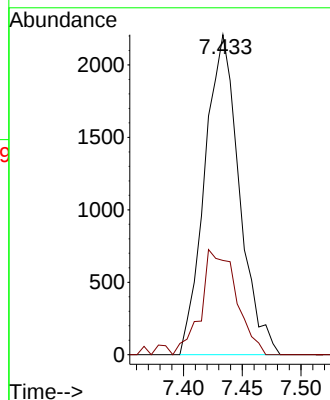
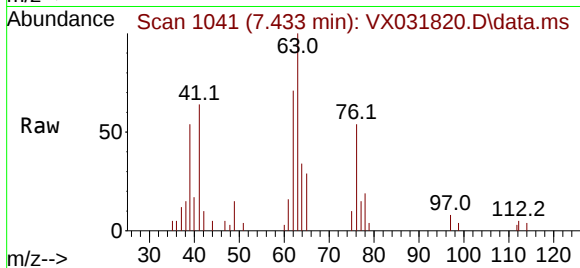
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 63 Resp: 4532

Ion Ratio Lower Upper

63 100

65 29.5 26.5 39.7



#40

Dibromomethane

Concen: 4.413 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

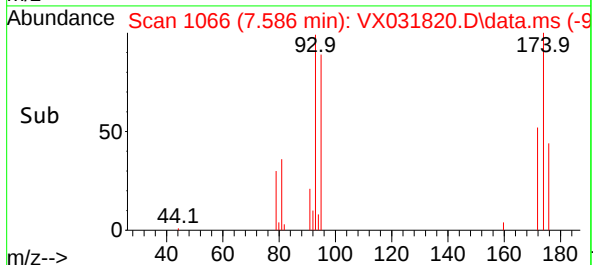
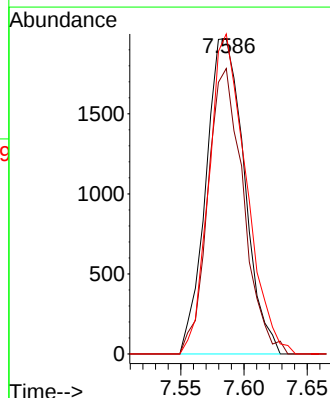
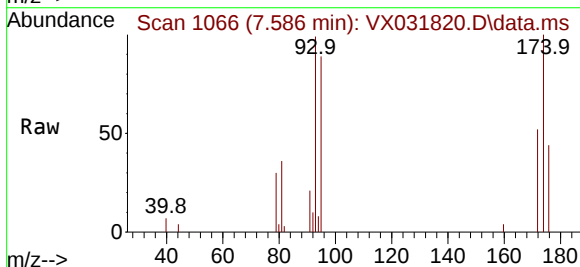
Tgt Ion: 93 Resp: 4163

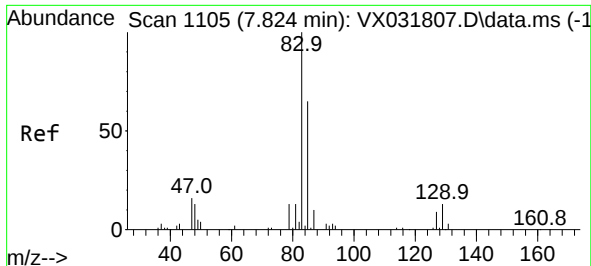
Ion Ratio Lower Upper

93 100

95 83.6 0.0 165.0

174 98.2 0.0 205.2

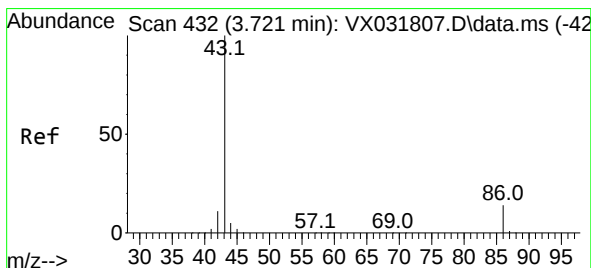
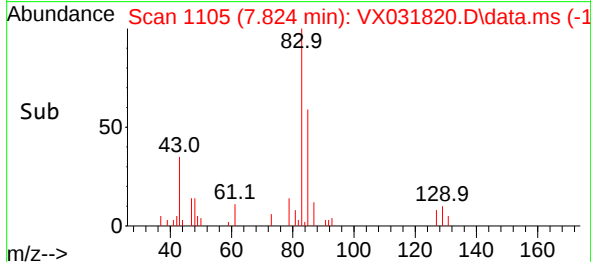
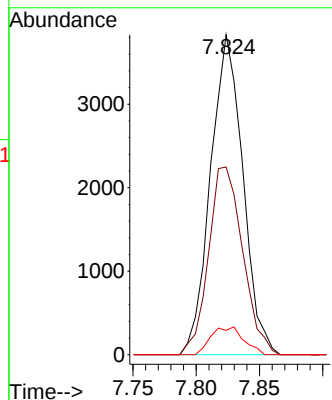
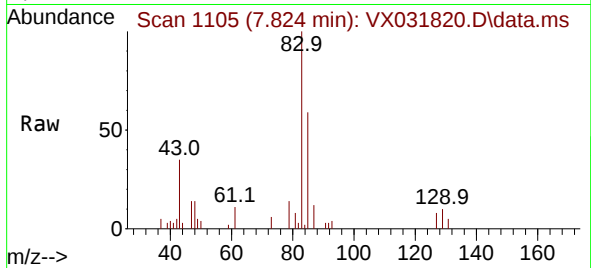




#41
Bromodichloromethane
Concen: 3.978 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

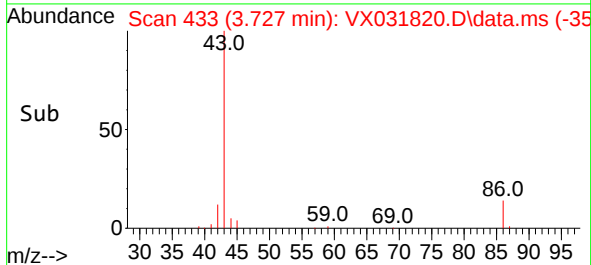
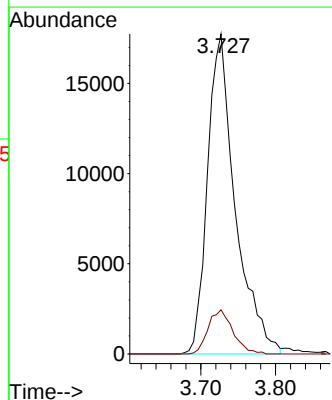
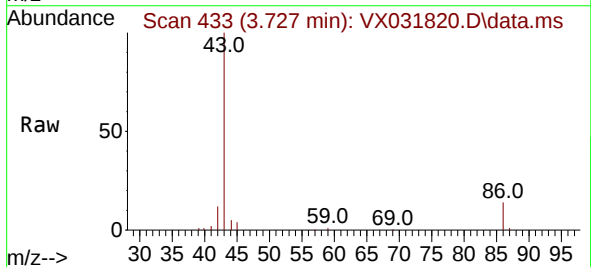
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

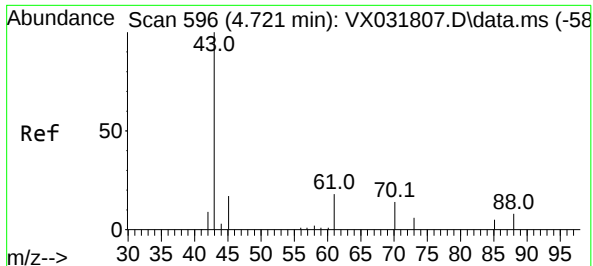
Tgt Ion: 83 Resp: 6807
Ion Ratio Lower Upper
83 100
85 58.6 52.3 78.5
127 7.6 6.8 10.2



#42
Vinyl Acetate
Concen: 19.568 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 43 Resp: 45806
Ion Ratio Lower Upper
43 100
86 12.3 10.3 15.5

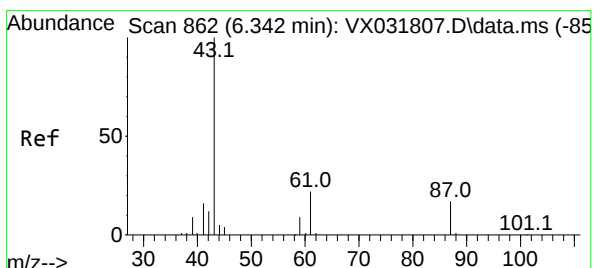
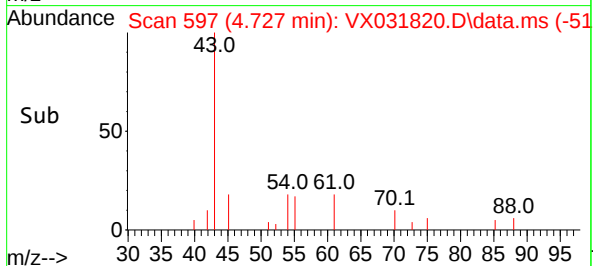
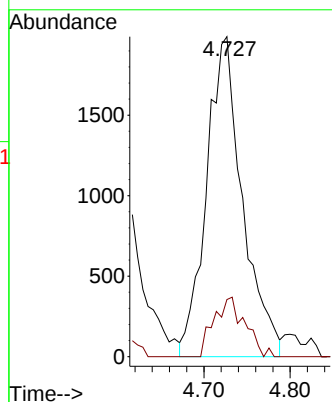
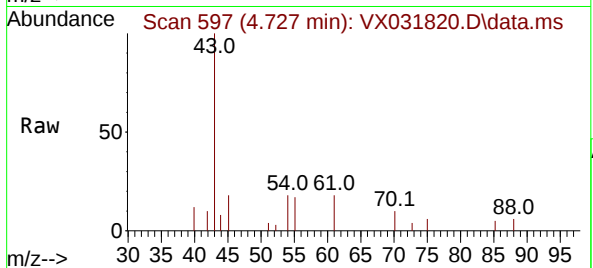




#43
Ethyl Acetate
Concen: 4.414 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

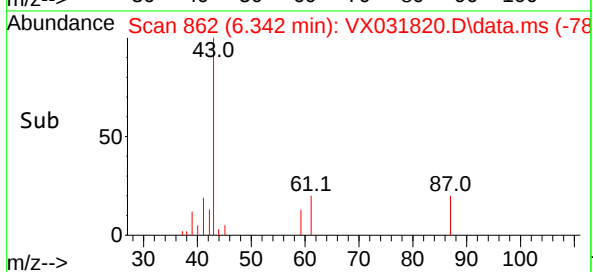
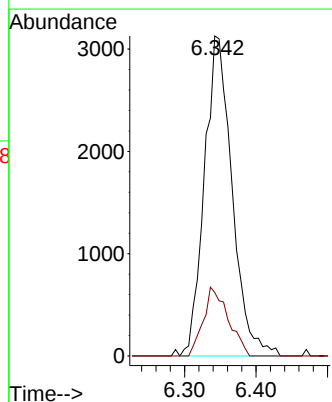
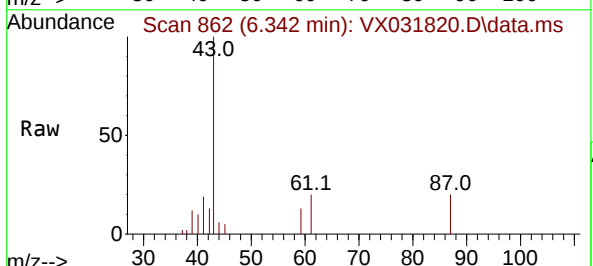
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

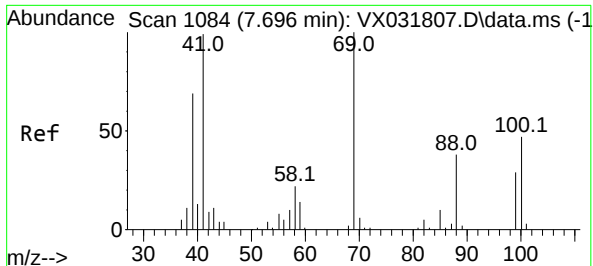
Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
45 0.3 8.2 12.2#



#44
Isopropyl Acetate
Concen: 4.058 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 43 Resp: 8413
Ion Ratio Lower Upper
43 100
61 19.3 17.2 25.8





#45

1,4-Dioxane

Concen: 78.477 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

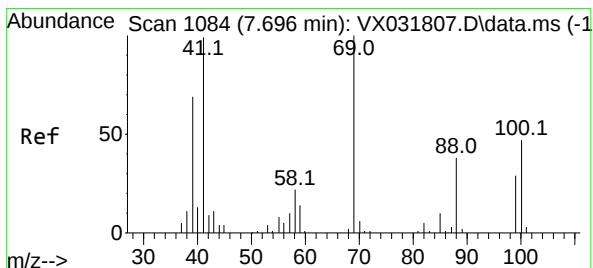
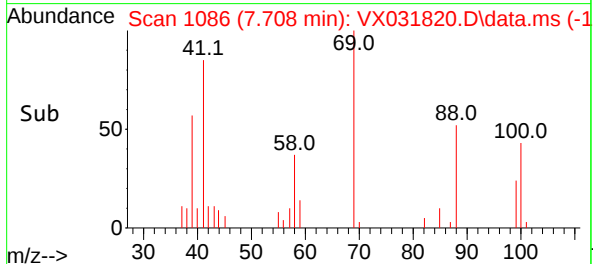
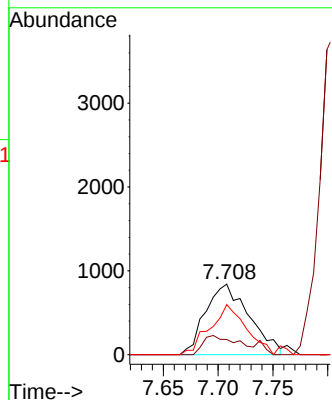
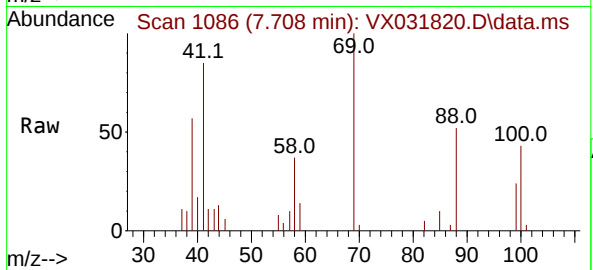
Tgt Ion: 88 Resp: 2328

Ion Ratio Lower Upper

88 100

43 21.7 20.4 30.6

58 58.8 44.0 66.0



#46

Methyl methacrylate

Concen: 4.020 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

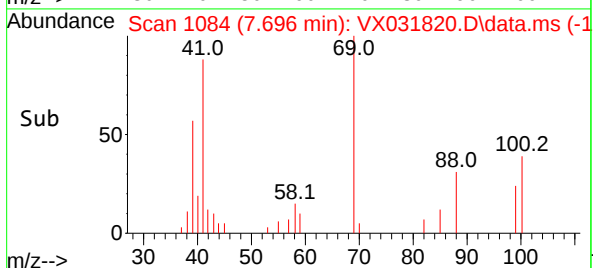
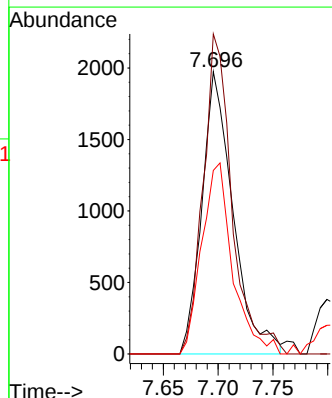
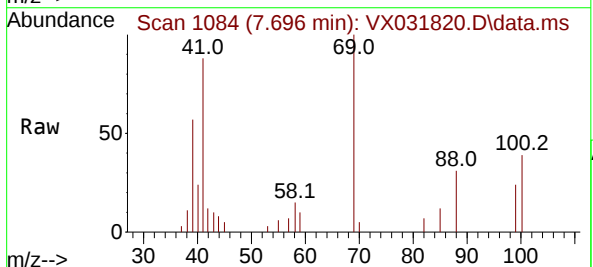
Tgt Ion: 41 Resp: 3890

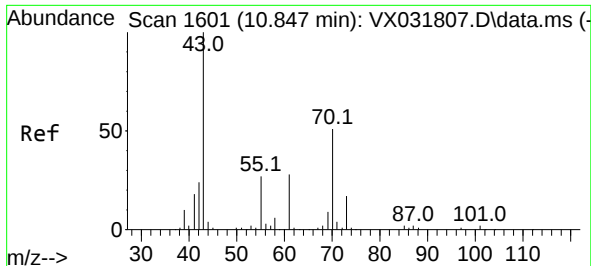
Ion Ratio Lower Upper

41 100

69 113.4 50.5 151.5

39 65.0 34.6 103.8

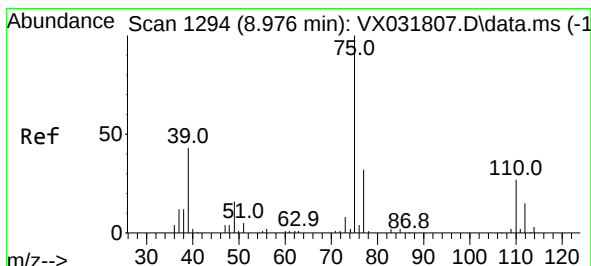
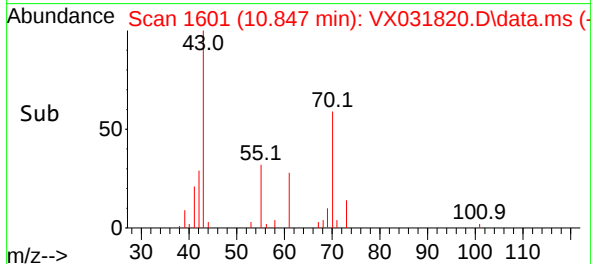
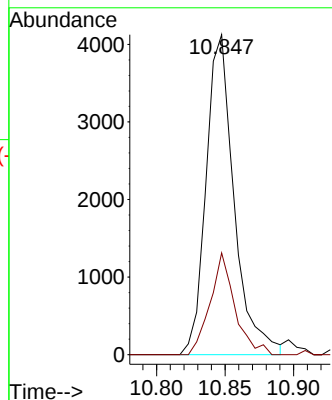
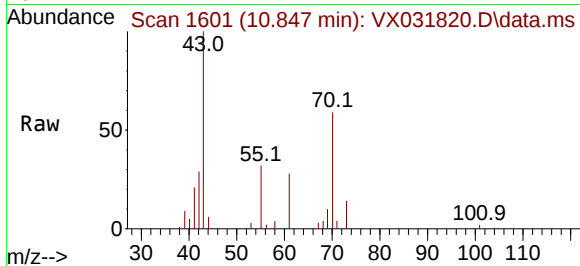




#47
n-amyl acetate
Concen: 3.295 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

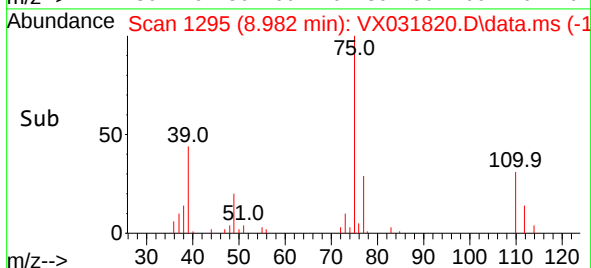
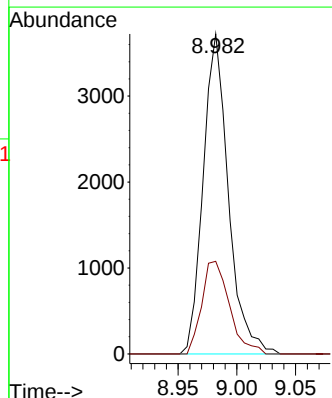
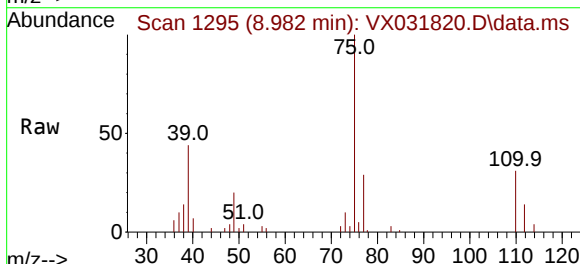
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

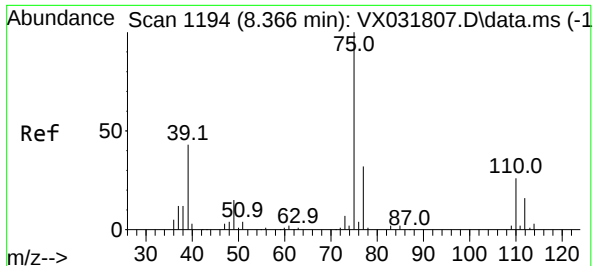
Tgt Ion: 43 Resp: 5867
Ion Ratio Lower Upper
43 100
55 27.9 21.6 32.4



#48
t-1,3-Dichloropropene
Concen: 3.295 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 75 Resp: 5559
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 3.397 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

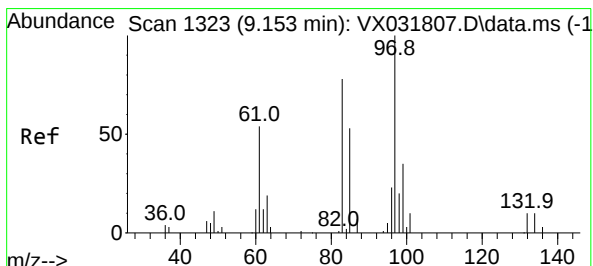
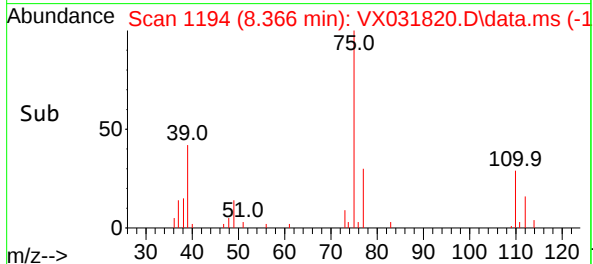
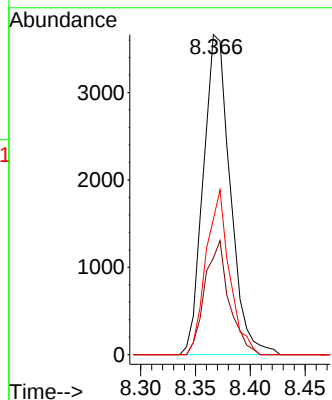
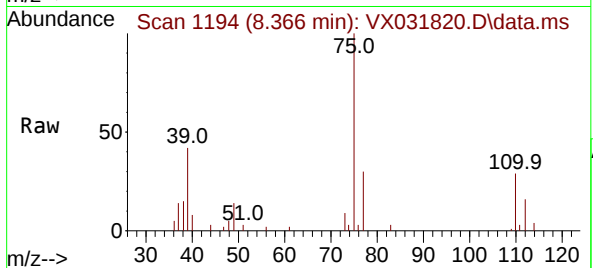
Tgt Ion: 75 Resp: 6286

Ion Ratio Lower Upper

75 100

77 30.2 25.7 38.5

39 42.2 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 4.275 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Tgt Ion: 97 Resp: 5841

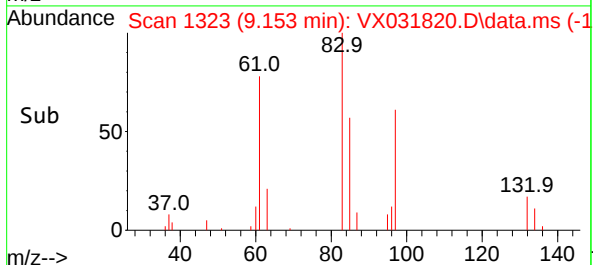
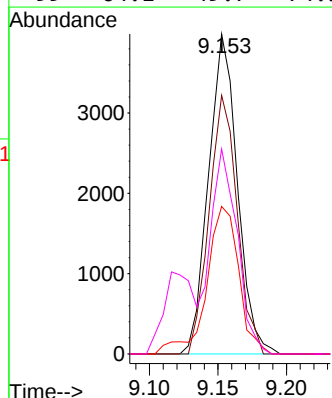
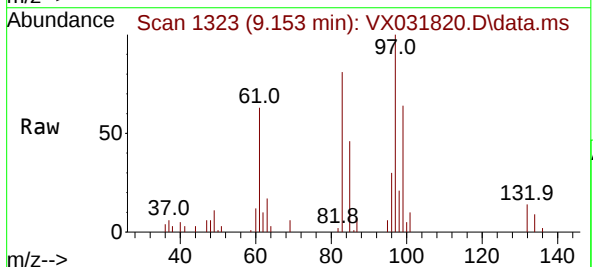
Ion Ratio Lower Upper

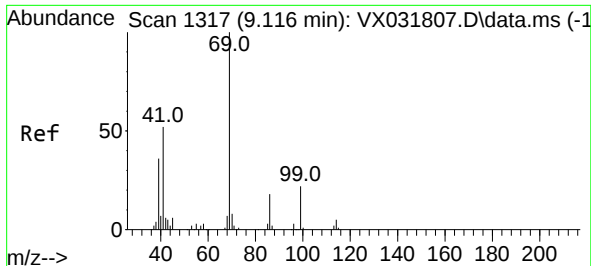
97 100

83 80.8 62.2 93.4

85 46.1 44.2 66.2

99 64.1 49.7 74.5

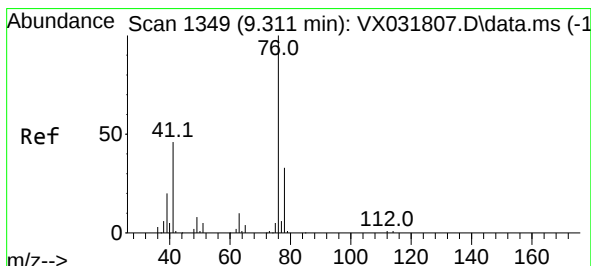
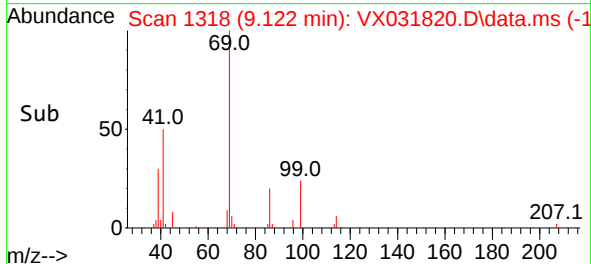
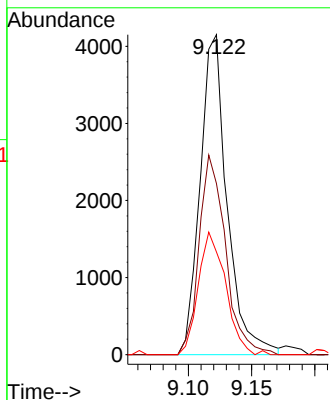
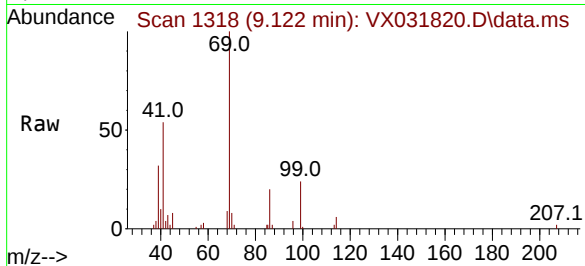




#51
Ethyl methacrylate
Concen: 3.487 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

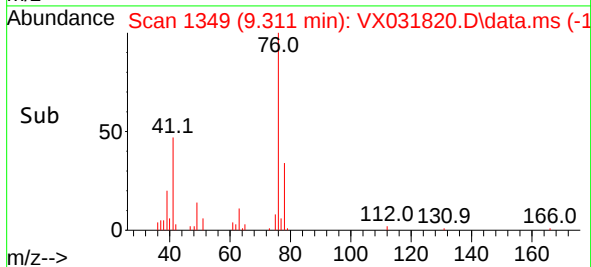
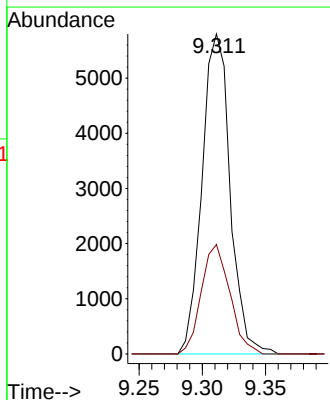
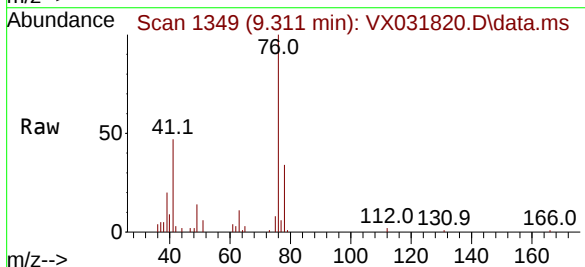
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

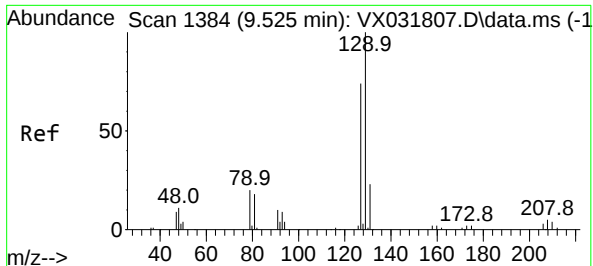
Tgt Ion: 69 Resp: 6177
Ion Ratio Lower Upper
69 100
41 53.5 25.9 77.7
39 32.1 17.8 53.3



#52
1,3-Dichloropropane
Concen: 4.284 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 76 Resp: 8970
Ion Ratio Lower Upper
76 100
78 34.8 0.0 66.0





#53

Dibromochloromethane

Concen: 3.289 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

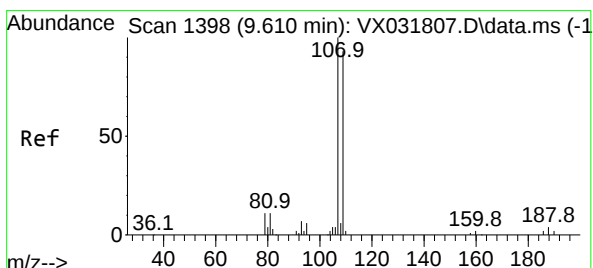
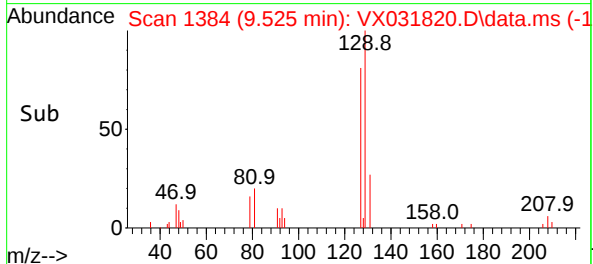
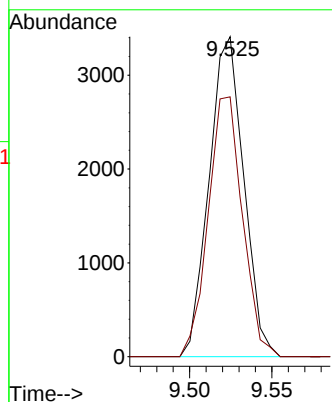
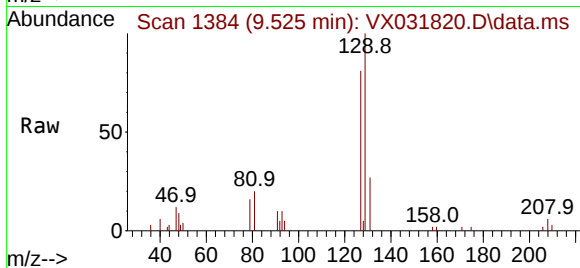
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:129 Resp: 5004

Ion Ratio Lower Upper

129 100

127 80.3 39.0 117.0



#54

1,2-Dibromoethane

Concen: 3.840 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX031820.D

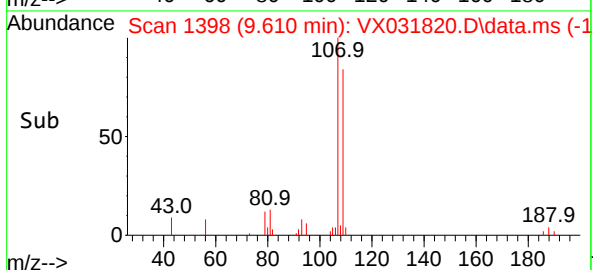
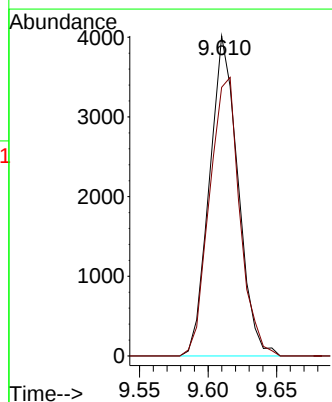
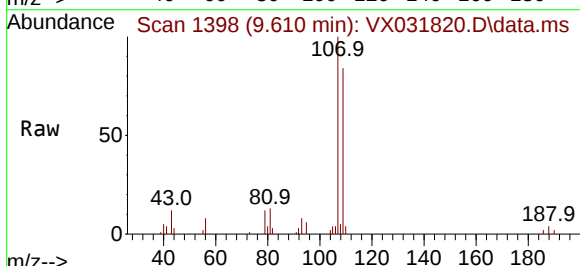
Acq: 30 Sep 2022 18:39

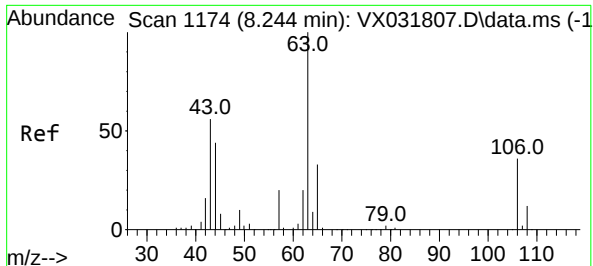
Tgt Ion:107 Resp: 5813

Ion Ratio Lower Upper

107 100

109 92.4 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 20.504 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

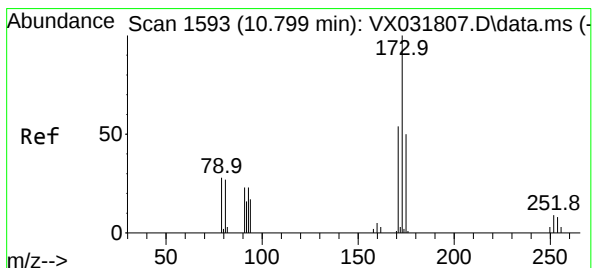
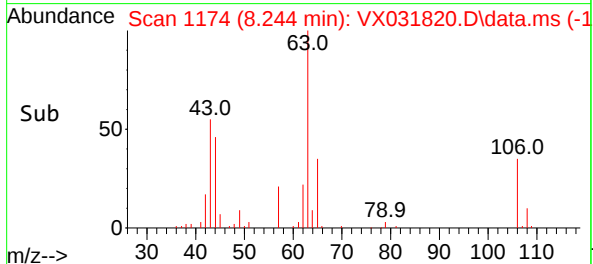
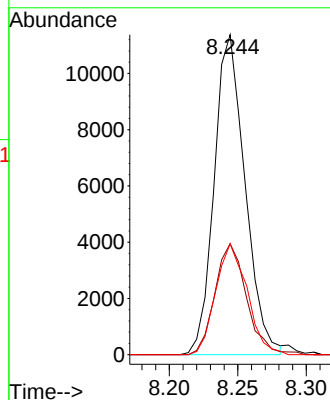
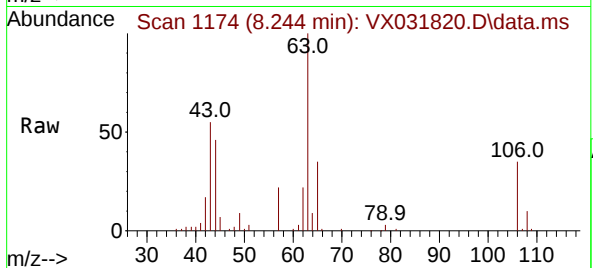
Tgt Ion: 63 Resp: 17809

Ion Ratio Lower Upper

63 100

65 35.4 25.5 38.3

106 35.4 28.9 43.3



#56

Bromoform

Concen: 2.855 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

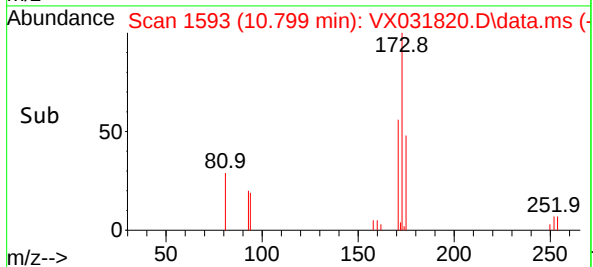
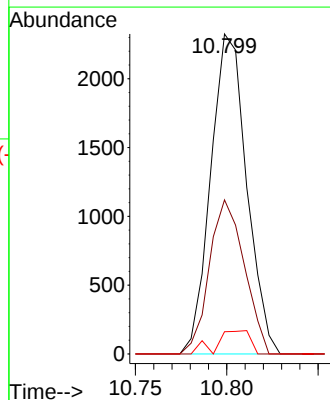
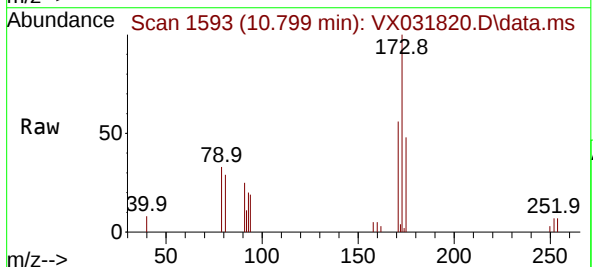
Tgt Ion: 173 Resp: 3184

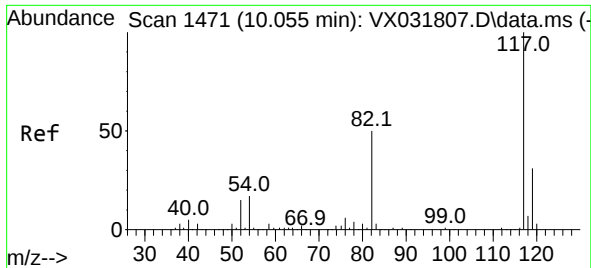
Ion Ratio Lower Upper

173 100

175 46.8 38.6 58.0

254 5.7 6.8 10.2#

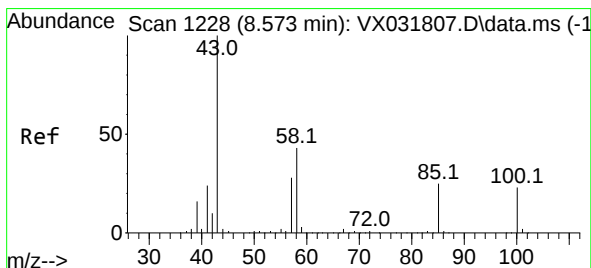
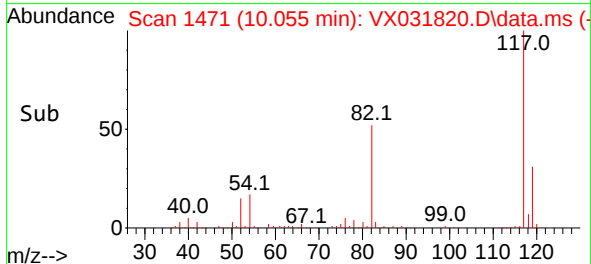
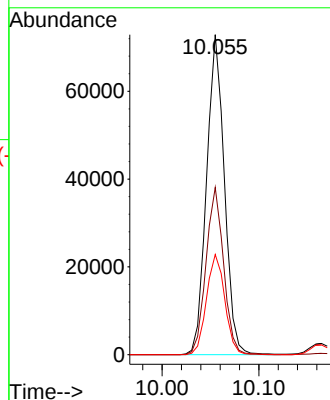
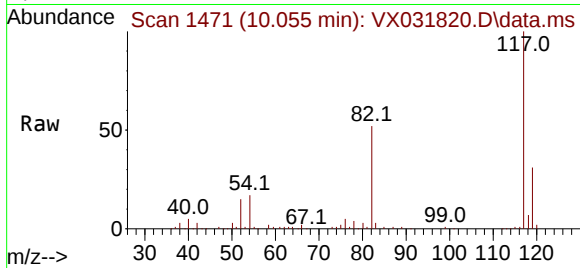




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

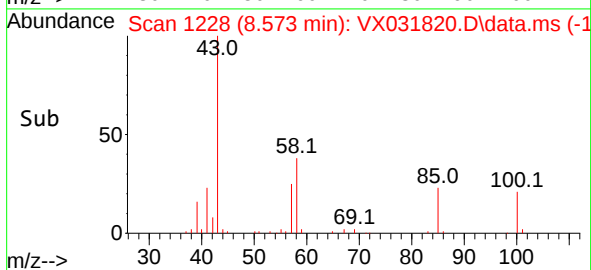
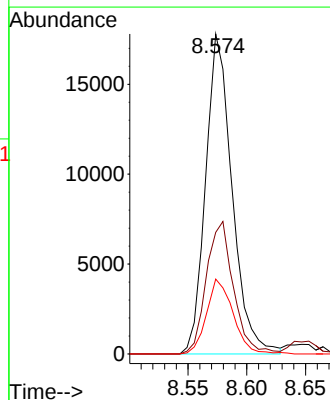
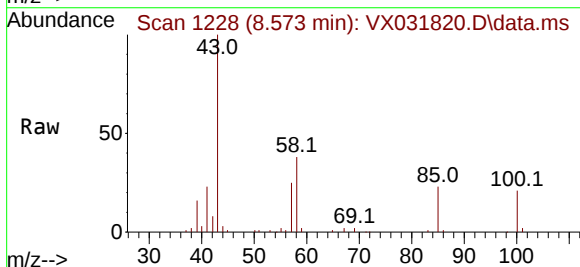
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

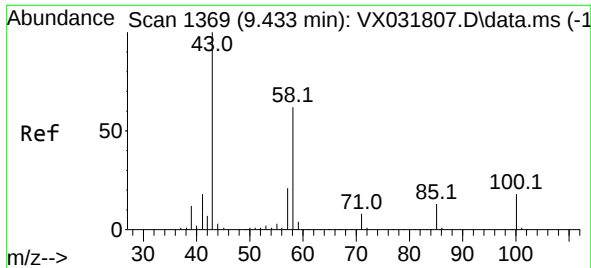
Tgt Ion:117 Resp: 93479
Ion Ratio Lower Upper
117 100
82 51.7 40.0 60.0
119 32.1 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 22.257 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 43 Resp: 27971
Ion Ratio Lower Upper
43 100
58 42.3 34.9 52.3
85 23.3 19.4 29.2





#59

2-Hexanone

Concen: 21.095 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

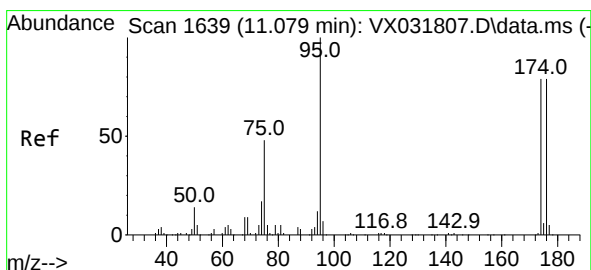
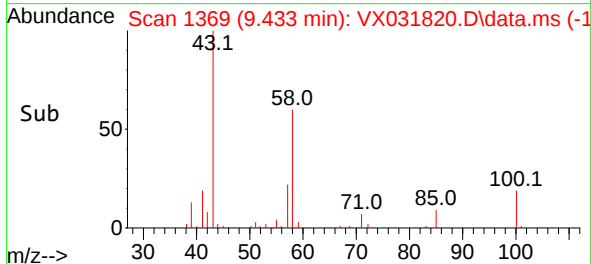
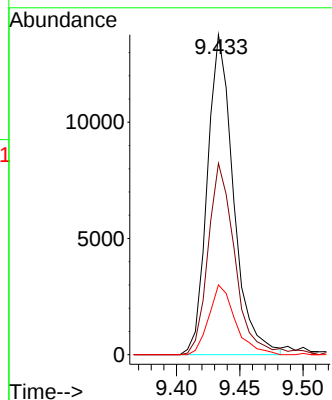
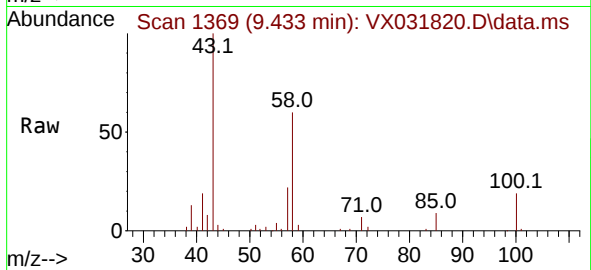
Tgt Ion: 43 Resp: 19828

Ion Ratio Lower Upper

43 100

58 60.9 49.0 73.6

57 22.1 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 29.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

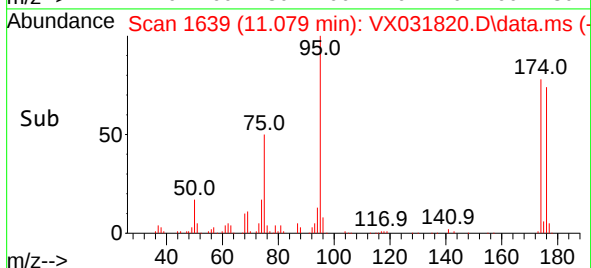
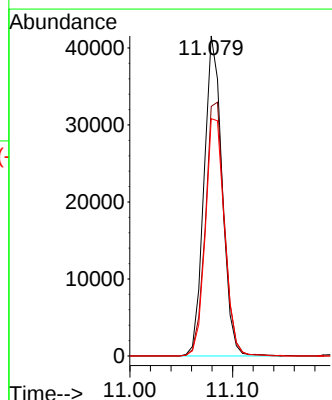
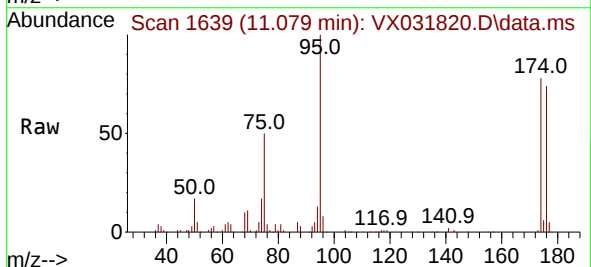
Tgt Ion: 95 Resp: 50799

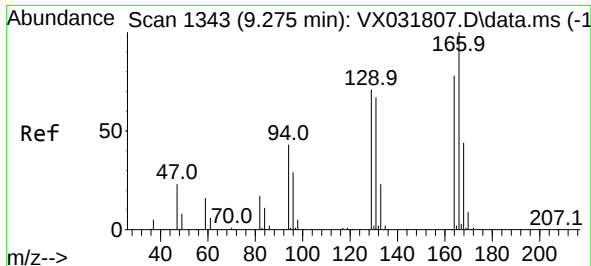
Ion Ratio Lower Upper

95 100

174 83.3 68.2 102.2

176 78.9 68.1 102.1

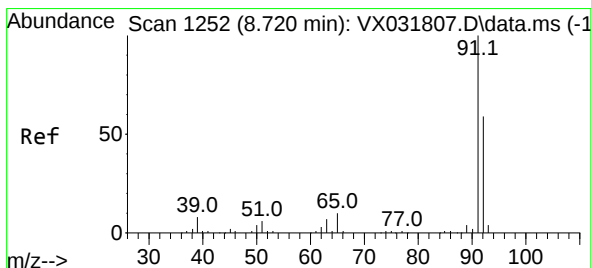
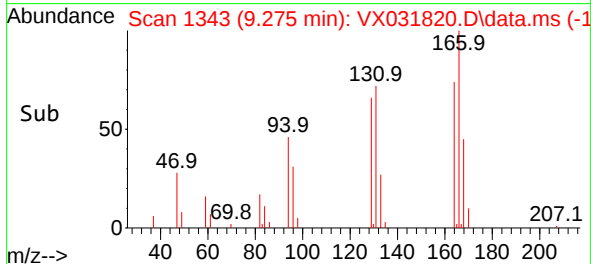
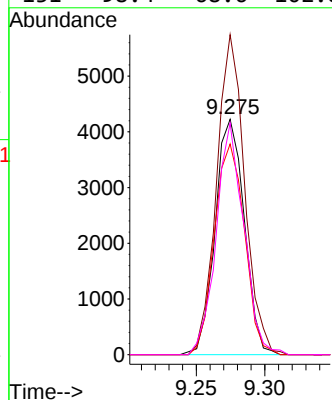
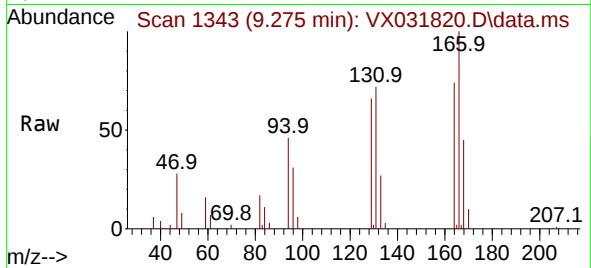




#61
Tetrachloroethene
Concen: 4.170 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

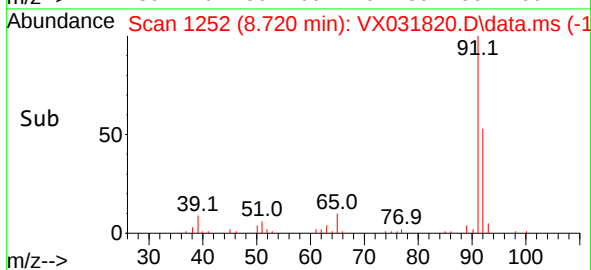
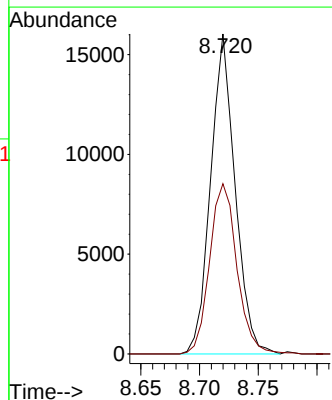
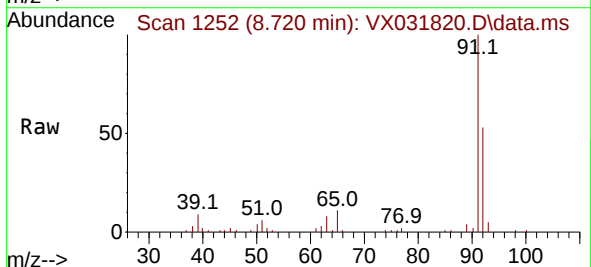
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

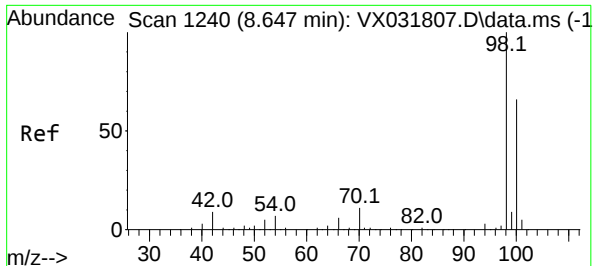
Tgt Ion:164 Resp: 6259
Ion Ratio Lower Upper
164 100
166 135.9 102.8 154.2
129 89.5 73.0 109.4
131 98.4 68.6 102.8



#62
Toluene
Concen: 4.353 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 91 Resp: 23295
Ion Ratio Lower Upper
91 100
92 59.2 47.3 70.9

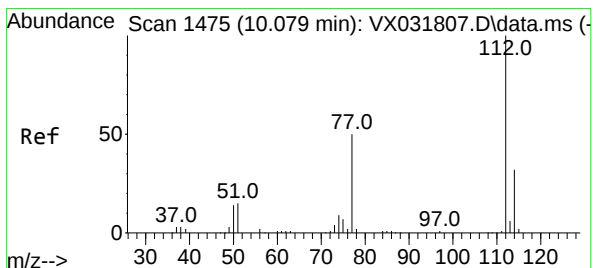
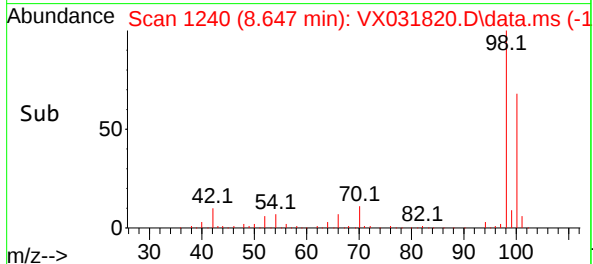
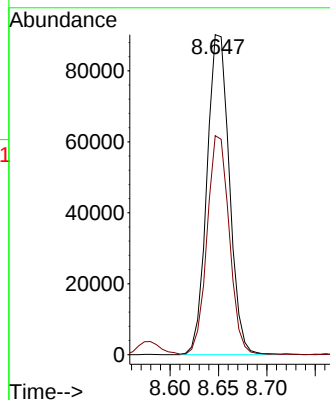
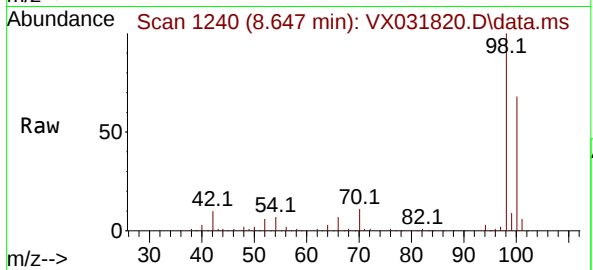




#63
Toluene-d8
Concen: 30.639 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

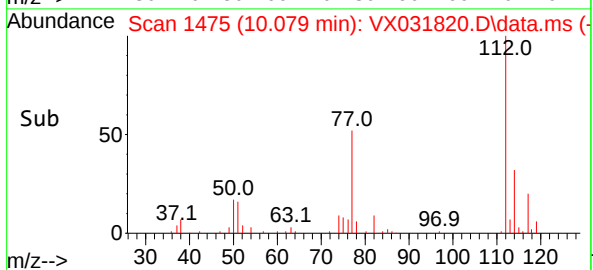
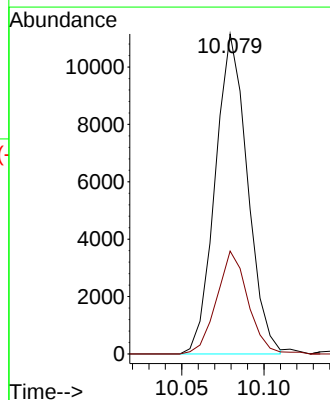
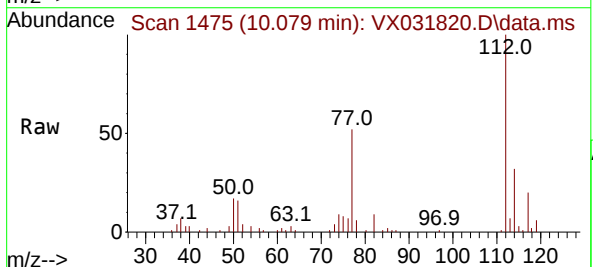
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

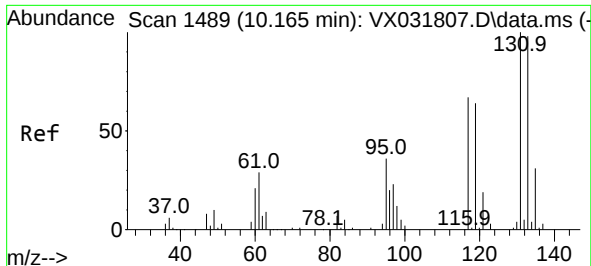
Tgt Ion: 98 Resp: 145500
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.8



#64
Chlorobenzene
Concen: 4.164 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 112 Resp: 15208
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

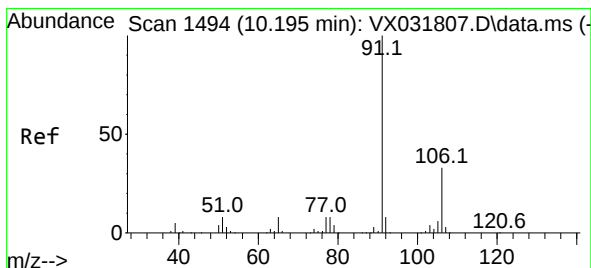
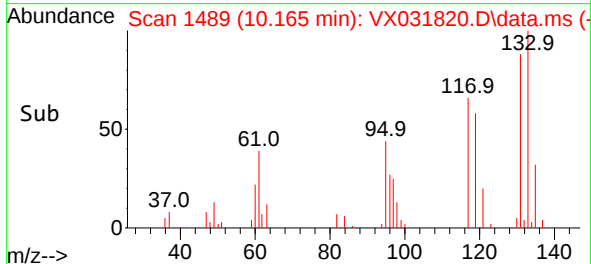
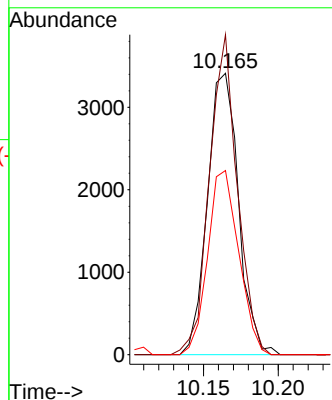
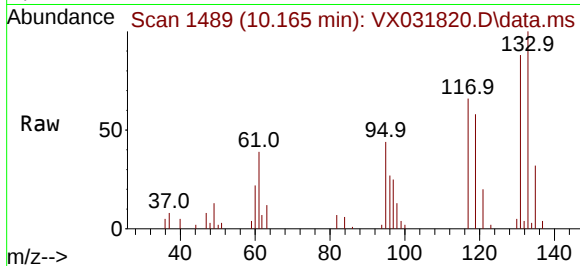




#65
1,1,1,2-Tetrachloroethane
Concen: 3.563 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

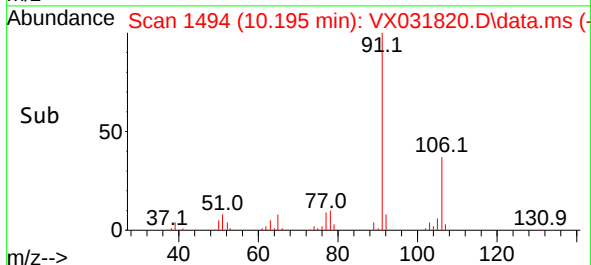
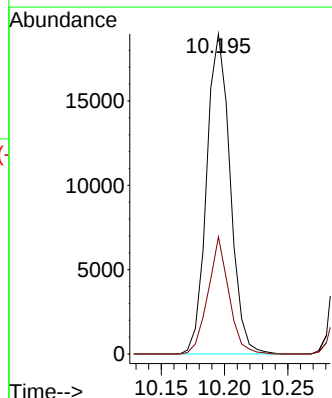
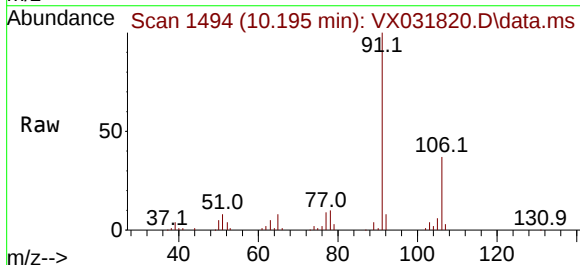
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

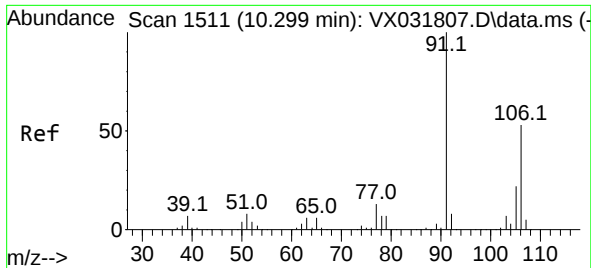
Tgt Ion:131 Resp: 4933
Ion Ratio Lower Upper
131 100
133 102.2 0.0 189.4
119 65.5 0.0 127.0



#66
Ethyl Benzene
Concen: 4.072 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 91 Resp: 24560
Ion Ratio Lower Upper
91 100
106 36.6 26.7 40.1

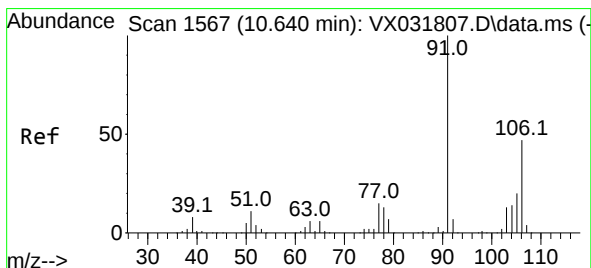
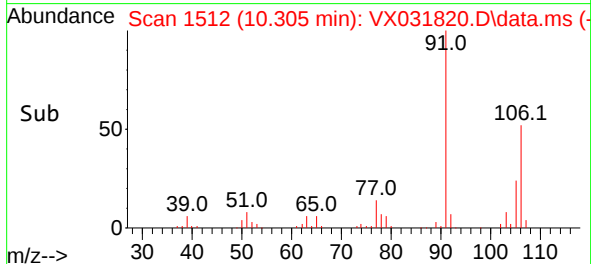
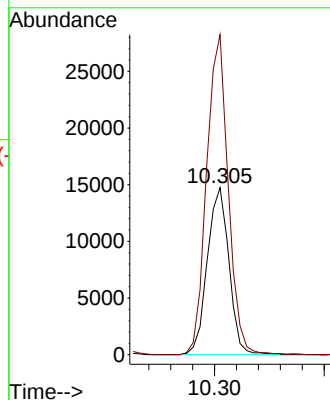
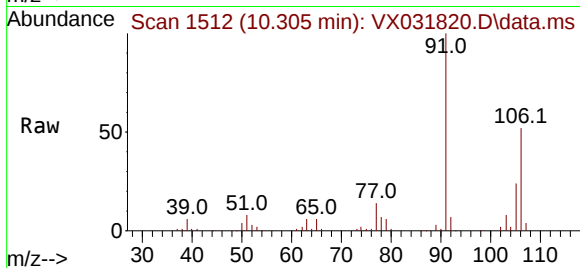




#67
m/p-Xylenes
Concen: 8.053 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

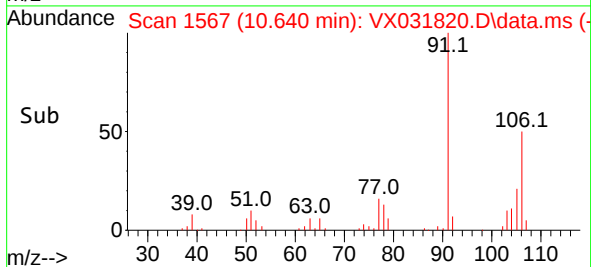
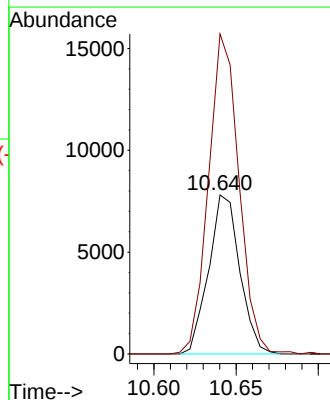
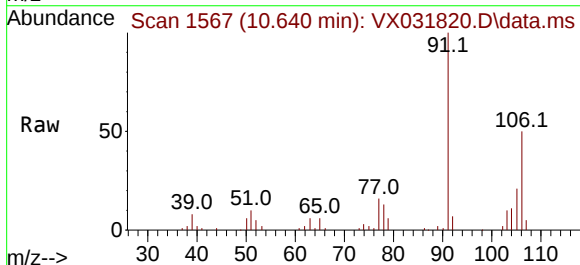
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

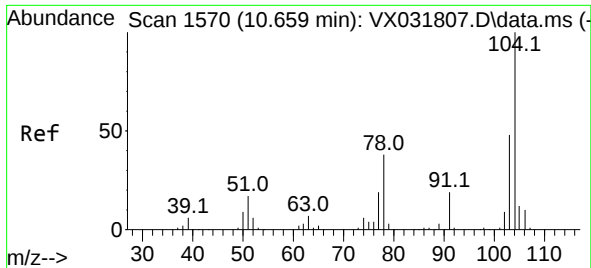
Tgt Ion:106 Resp: 20227
Ion Ratio Lower Upper
106 100
91 191.3 152.3 228.5



#68
o-Xylene
Concen: 4.169 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion:106 Resp: 10280
Ion Ratio Lower Upper
106 100
91 196.3 101.9 305.7

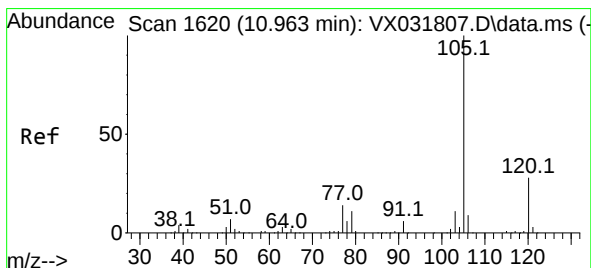
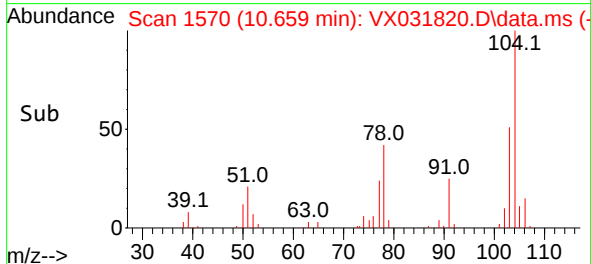
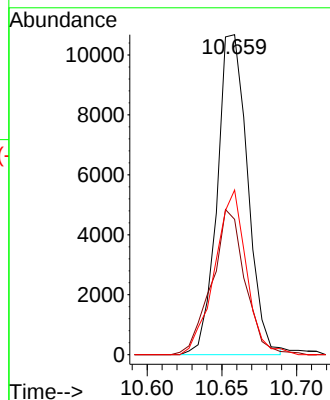
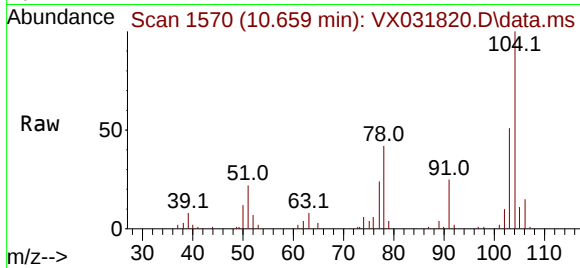




#69
Styrene
Concen: 3.777 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

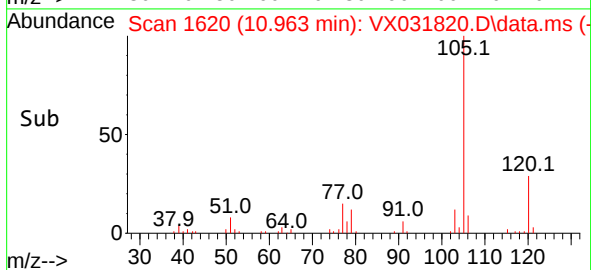
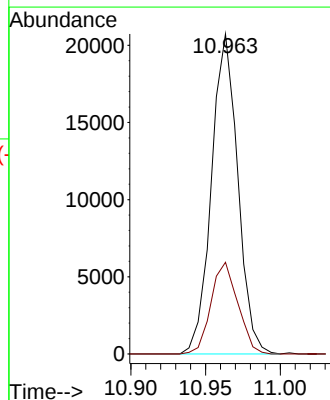
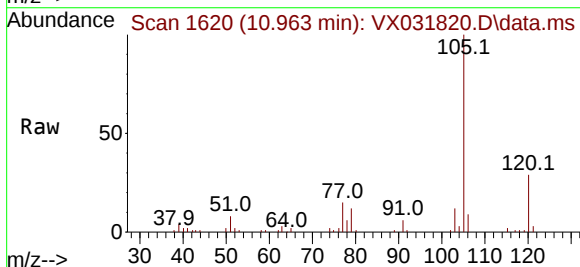
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

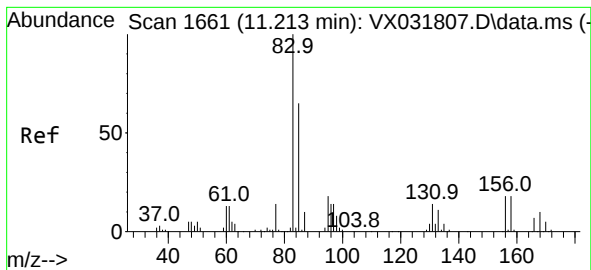
Tgt Ion:104 Resp: 15127
Ion Ratio Lower Upper
104 100
78 49.8 36.6 55.0
103 53.5 43.3 64.9



#70
Isopropylbenzene
Concen: 3.965 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion:105 Resp: 25408
Ion Ratio Lower Upper
105 100
120 29.2 19.3 35.9

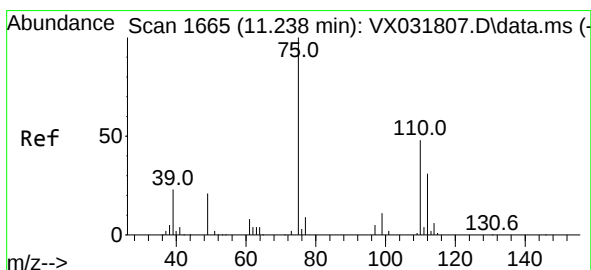
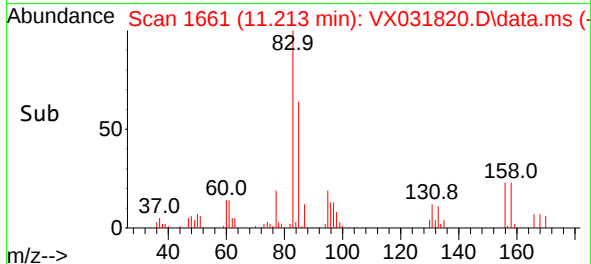
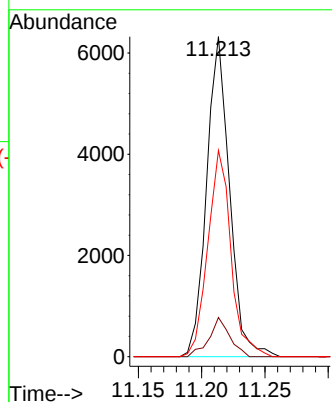
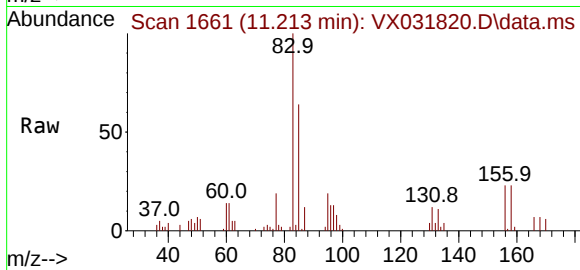




#71
1,1,2,2-Tetrachloroethane
Concen: 4.371 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

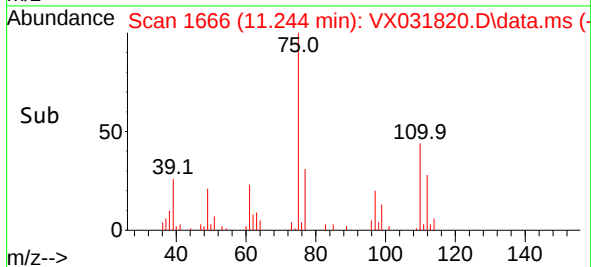
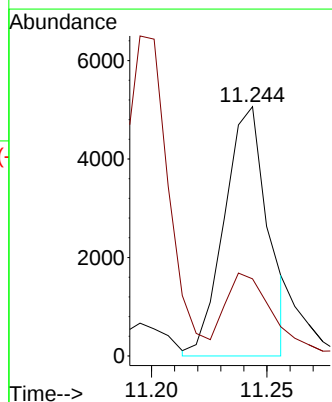
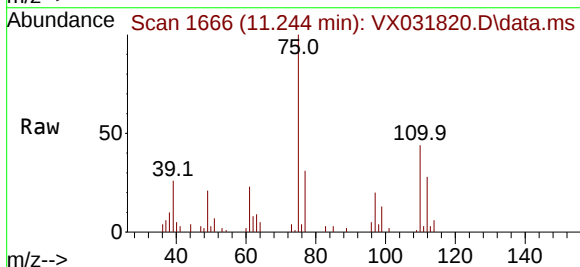
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

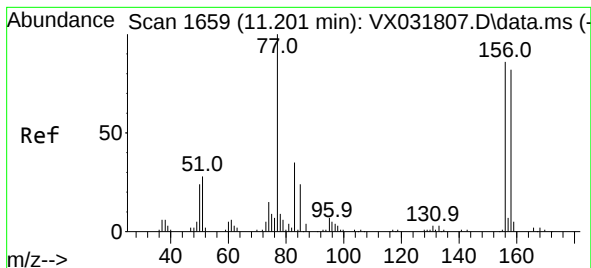
Tgt Ion: 83 Resp: 7984
Ion Ratio Lower Upper
83 100
131 11.1 6.0 18.1
85 65.0 32.8 98.3



#72
1,2,3-Trichloropropane
Concen: 4.191 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 75 Resp: 6640
Ion Ratio Lower Upper
75 100
77 37.7 0.0 76.6





#73

Bromobenzene

Concen: 3.802 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

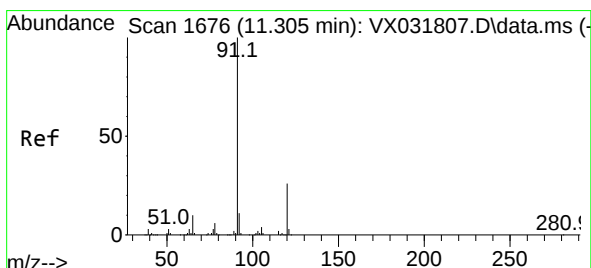
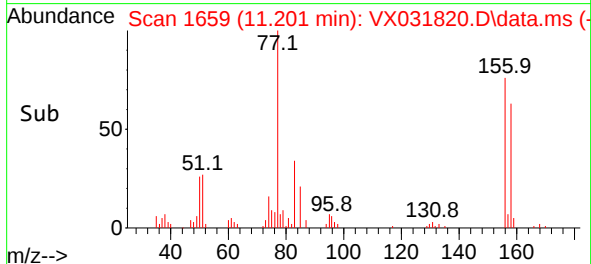
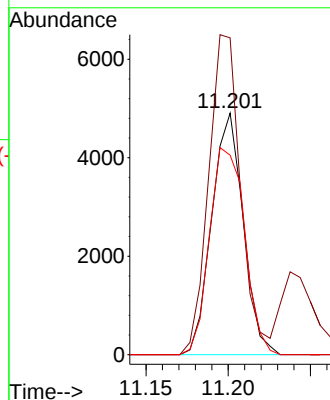
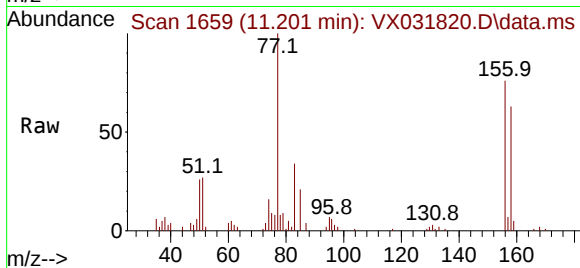
Tgt Ion:156 Resp: 6535

Ion Ratio Lower Upper

156 100

77 134.5 0.0 259.2

158 95.7 0.0 193.2



#74

n-propylbenzene

Concen: 4.039 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX031820.D

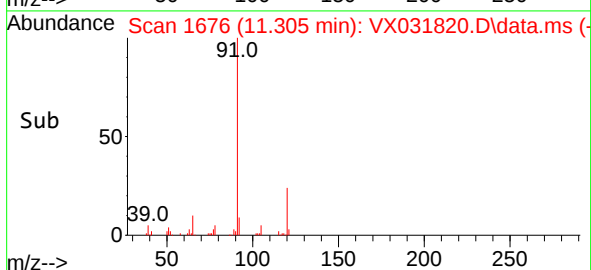
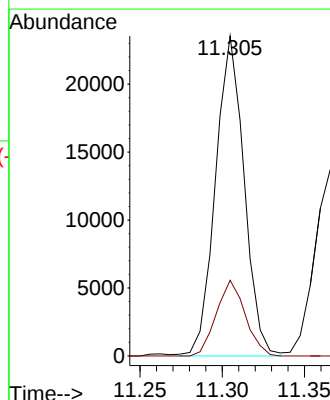
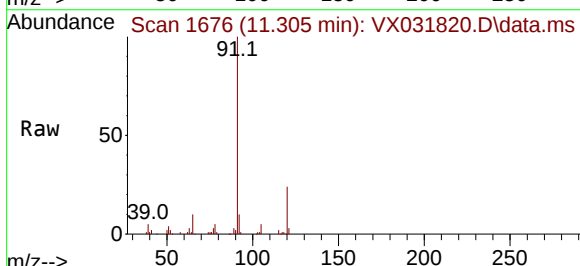
Acq: 30 Sep 2022 18:39

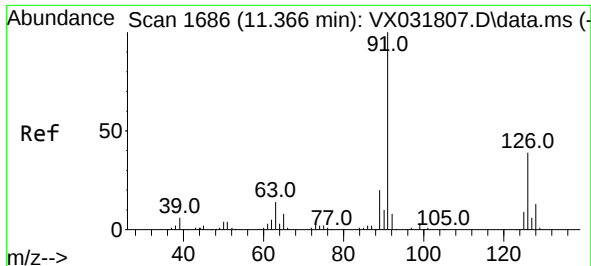
Tgt Ion: 91 Resp: 28456

Ion Ratio Lower Upper

91 100

120 23.9 0.0 51.0

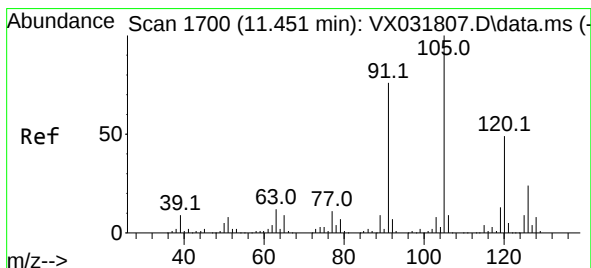
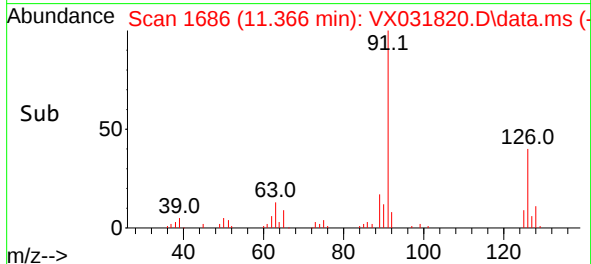
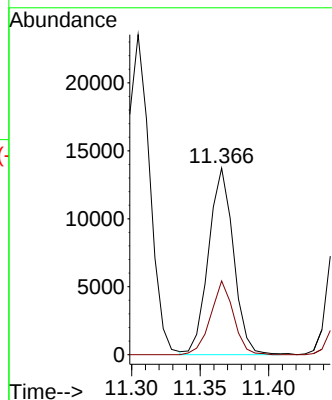
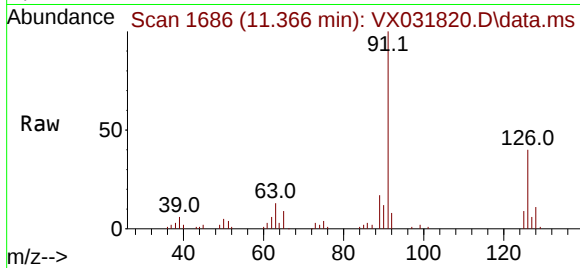




#75
2-Chlorotoluene
Concen: 4.112 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

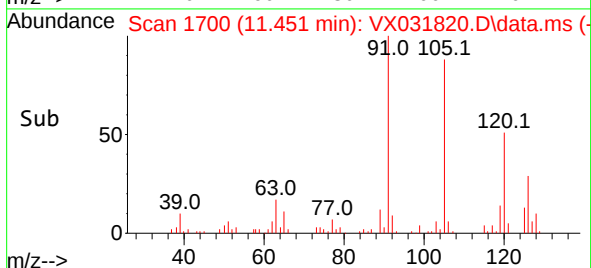
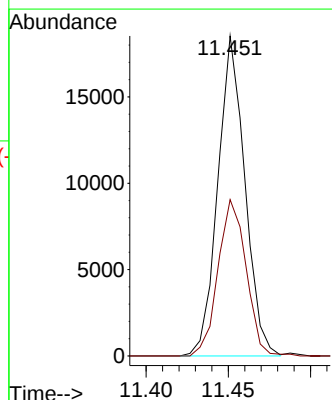
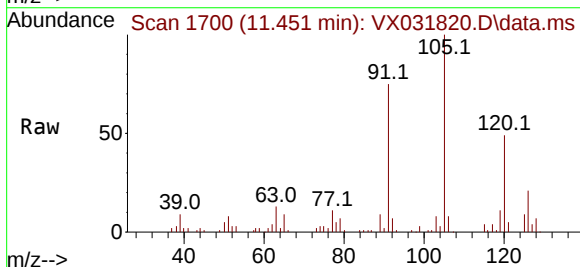
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

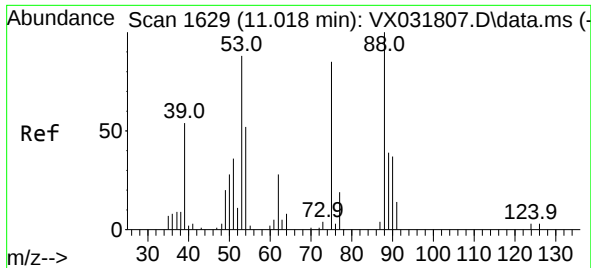
Tgt Ion: 91 Resp: 17417
Ion Ratio Lower Upper
91 100
126 36.1 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 3.924 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 105 Resp: 21197
Ion Ratio Lower Upper
105 100
120 50.5 0.0 100.6

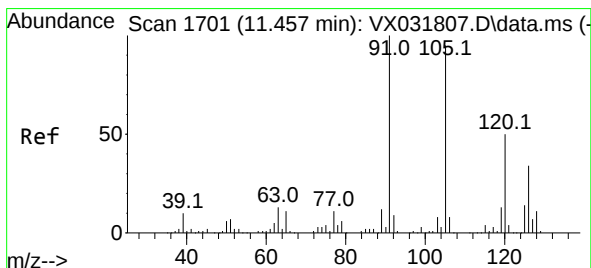
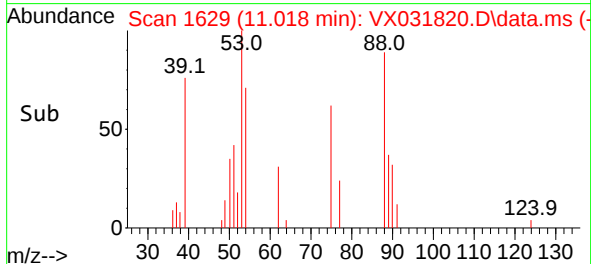
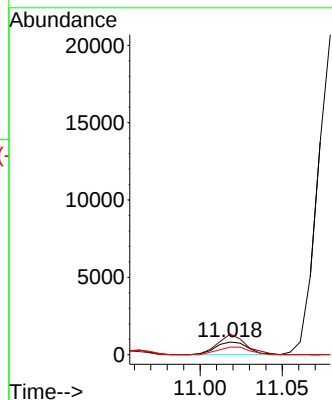
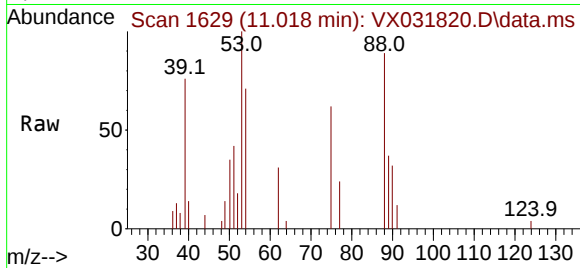




#77
t-1,4-Dichloro-2-butene
Concen: 2.452 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

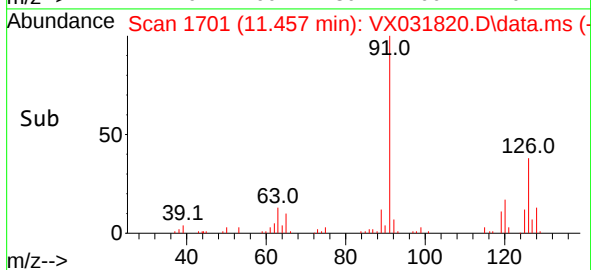
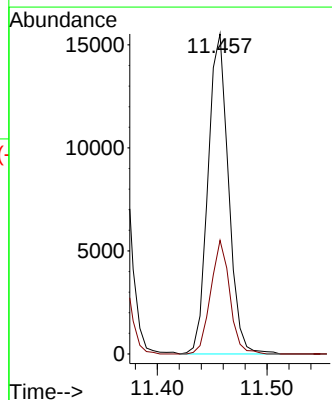
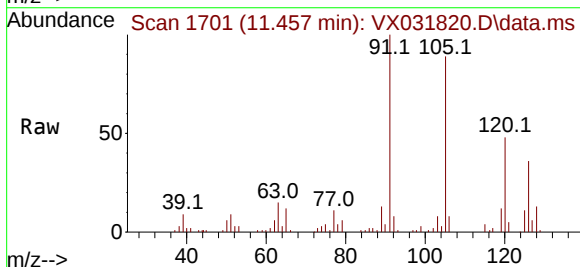
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

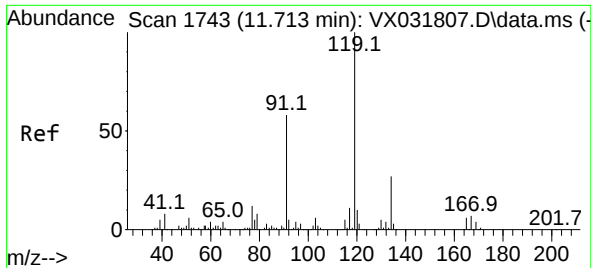
Tgt Ion: 75 Resp: 1125
Ion Ratio Lower Upper
75 100
53 161.9 51.8 155.4#
89 59.7 22.9 68.8



#78
4-Chlorotoluene
Concen: 4.170 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 91 Resp: 20137
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.0

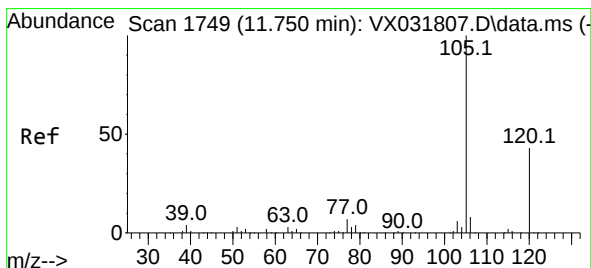
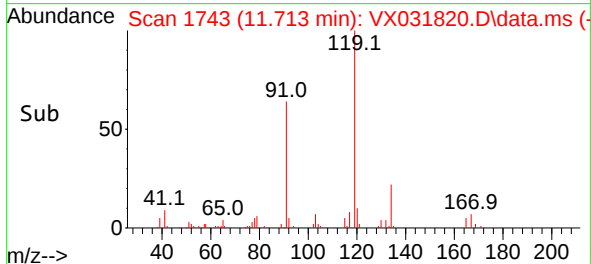
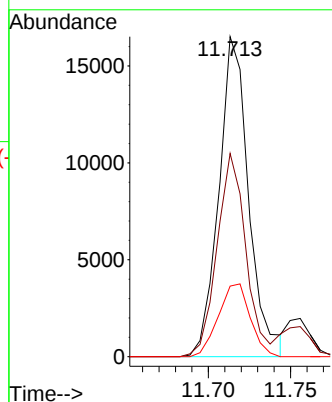
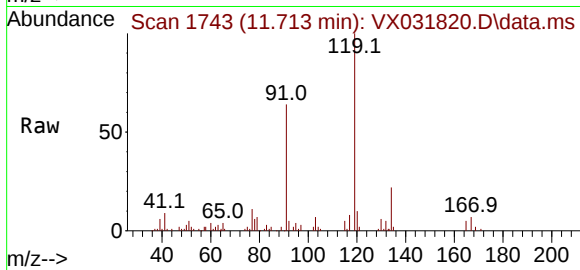




#79
tert-butylbenzene
Concen: 3.831 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

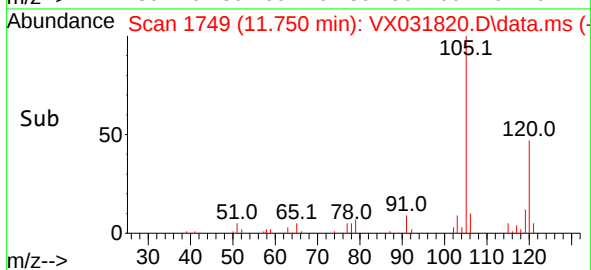
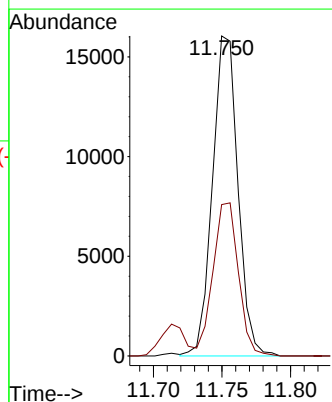
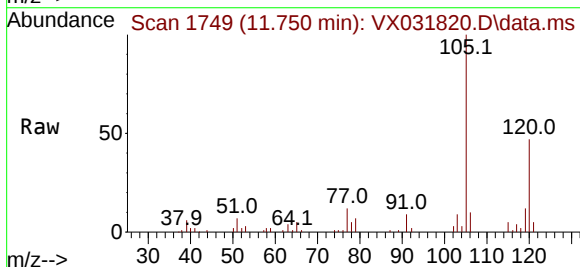
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

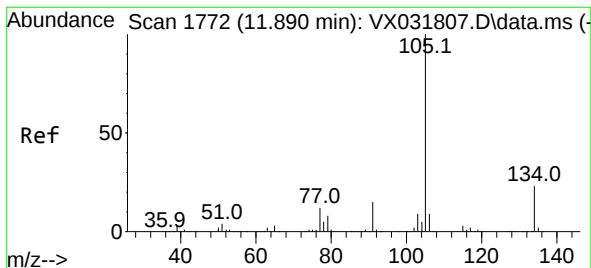
Tgt Ion:119 Resp: 20805
Ion Ratio Lower Upper
119 100
91 61.3 0.0 112.0
134 24.4 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 3.867 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion:105 Resp: 20717
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.0





#81

sec-Butylbenzene

Concen: 3.942 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

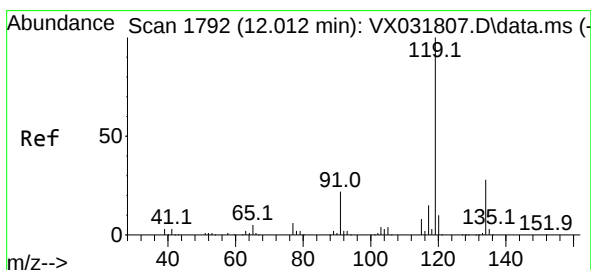
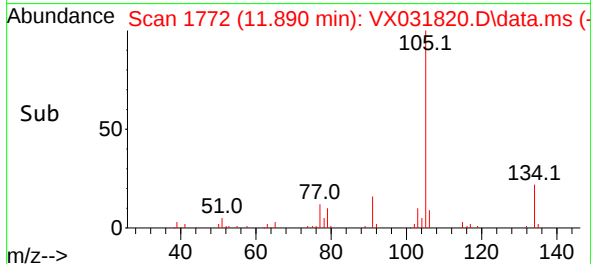
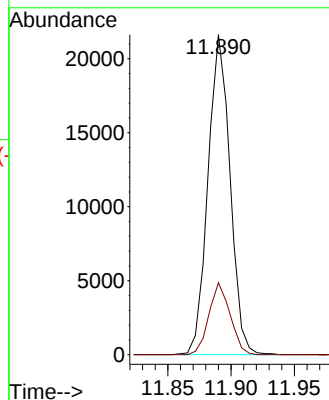
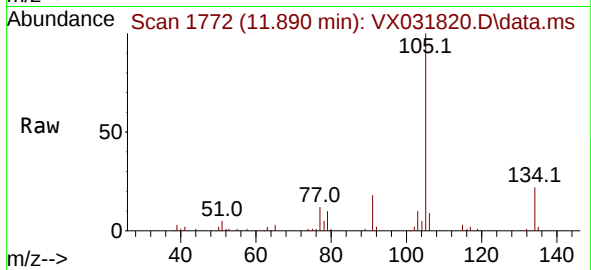
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:105 Resp: 26213

Ion Ratio Lower Upper

105 100

134 21.6 0.0 44.4



#82

p-Isopropyltoluene

Concen: 3.621 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

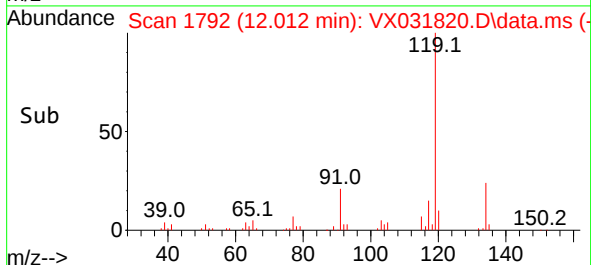
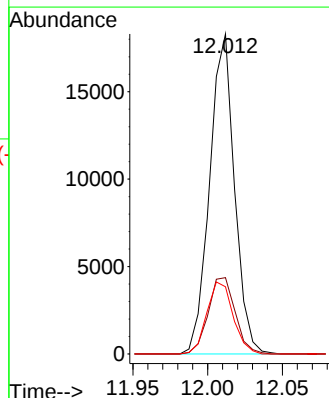
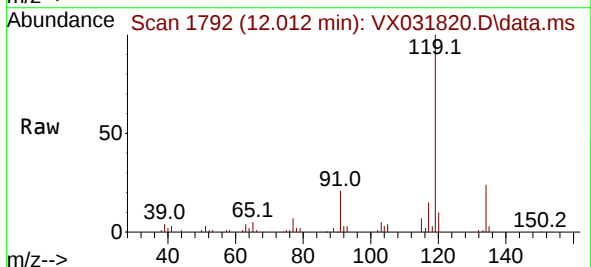
Tgt Ion:119 Resp: 21163

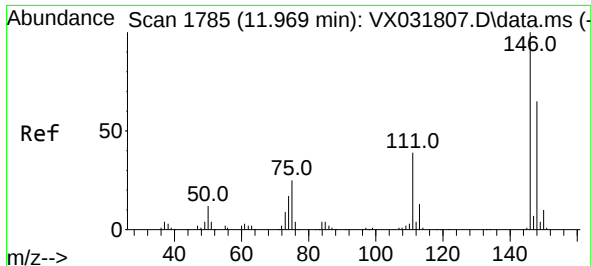
Ion Ratio Lower Upper

119 100

134 25.9 0.0 55.4

91 23.8 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 3.881 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031820.D

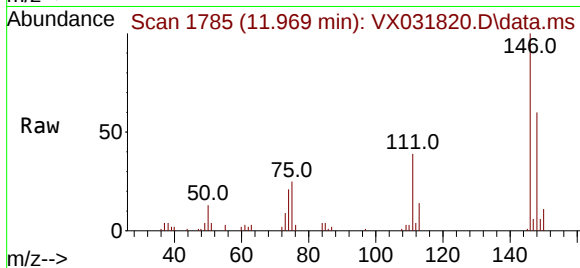
Acq: 30 Sep 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



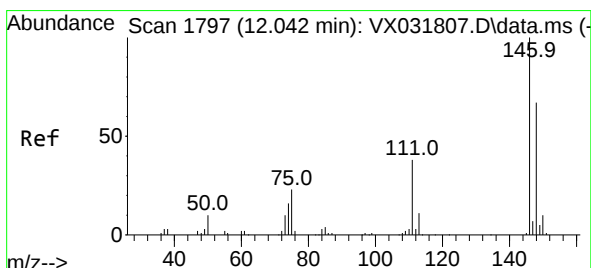
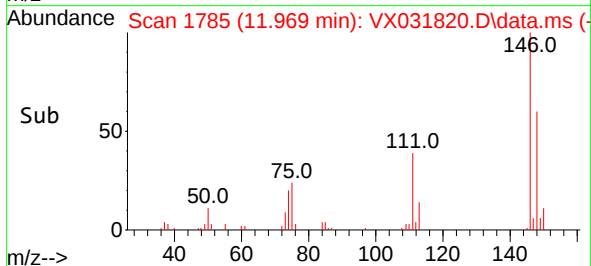
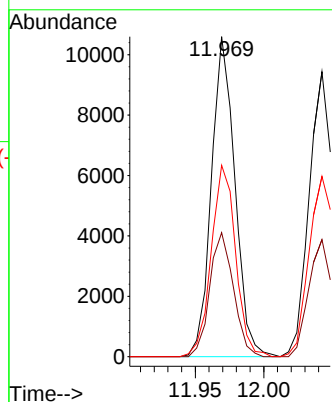
Tgt Ion:146 Resp: 12621

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

148 62.1 32.6 97.7



#84

1,4-Dichlorobenzene

Concen: 3.546 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031820.D

Acq: 30 Sep 2022 18:39

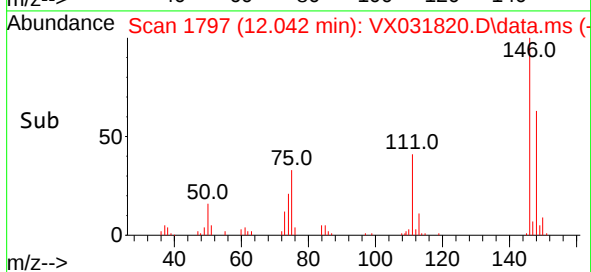
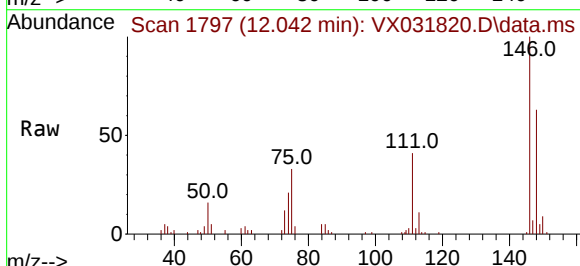
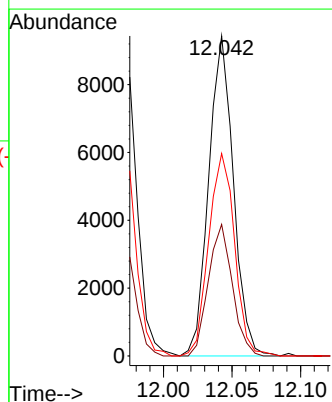
Tgt Ion:146 Resp: 11828

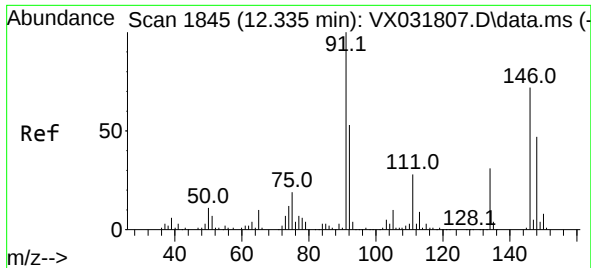
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.5

148 66.4 31.6 95.0

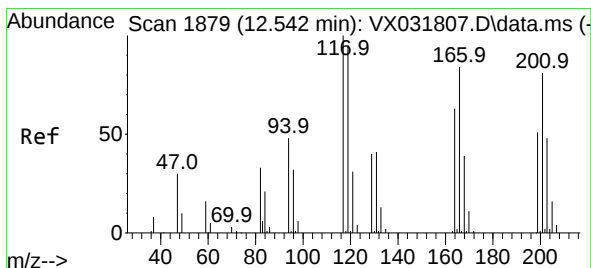
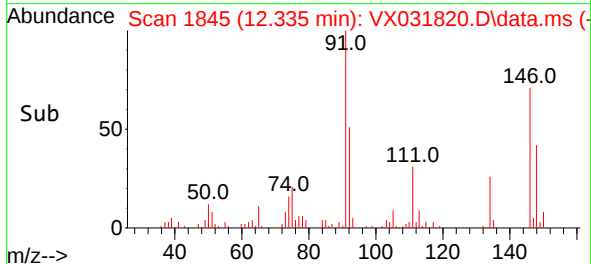
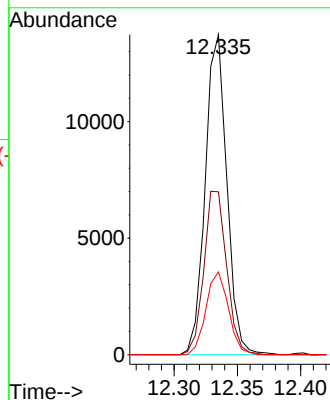
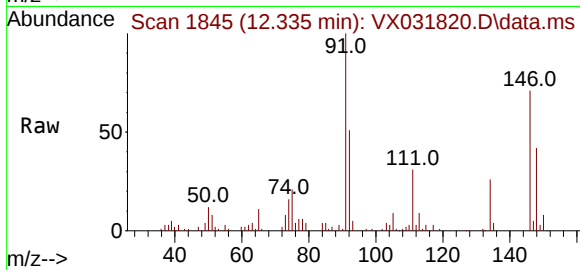




#85
n-Butylbenzene
Concen: 3.625 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

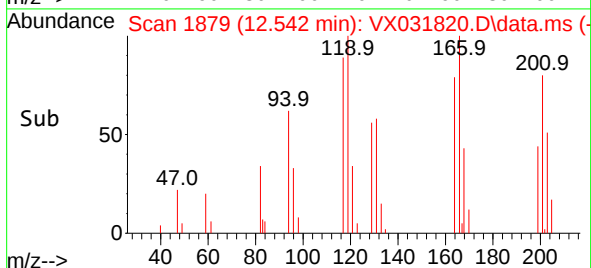
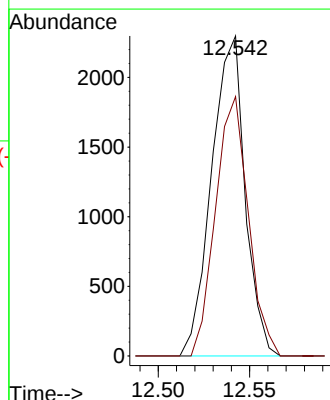
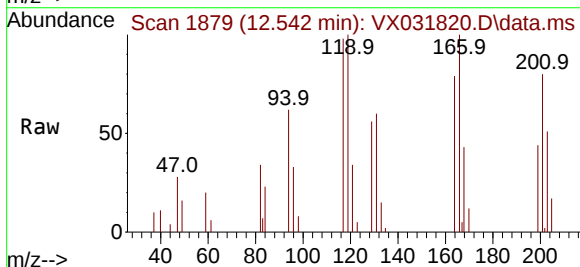
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

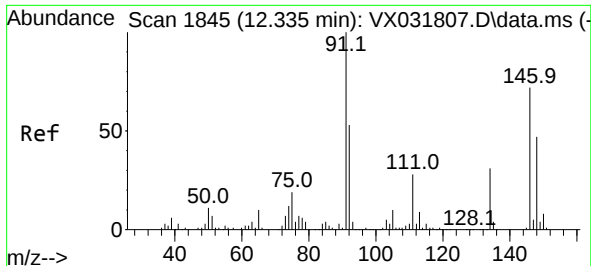
Tgt Ion: 91 Resp: 16339
Ion Ratio Lower Upper
91 100
92 53.9 0.0 108.4
134 26.8 0.0 60.6



#86
Hexachloroethane
Concen: 3.192 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 117 Resp: 2929
Ion Ratio Lower Upper
117 100
201 79.3 37.7 113.1

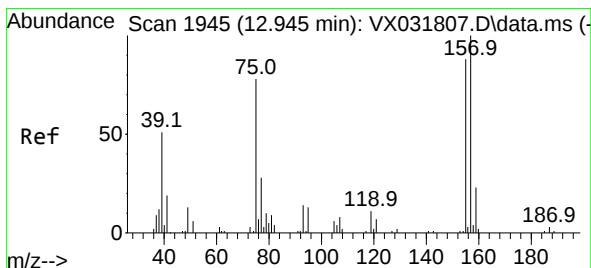
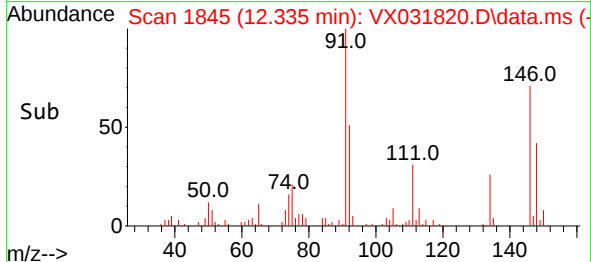
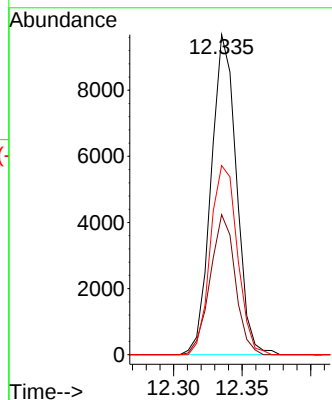
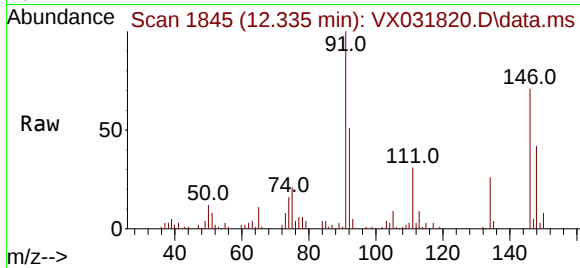




#87
1,2-Dichlorobenzene
Concen: 3.834 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

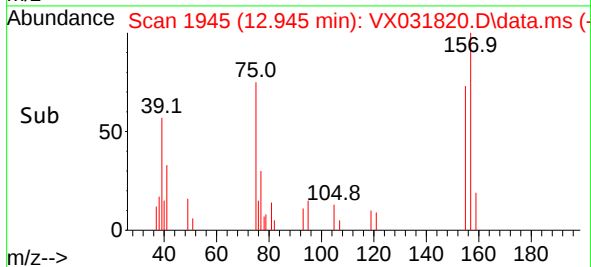
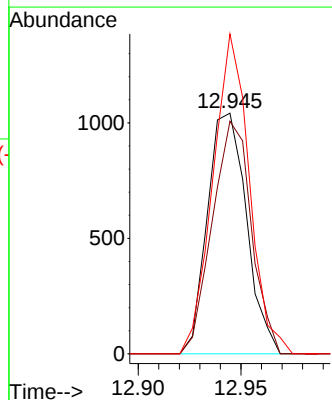
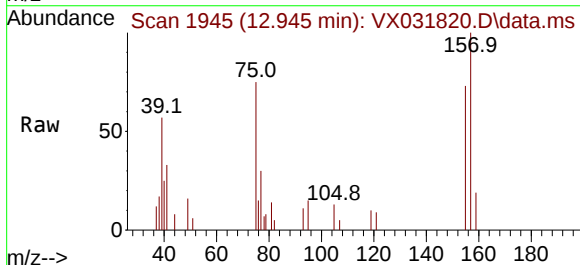
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

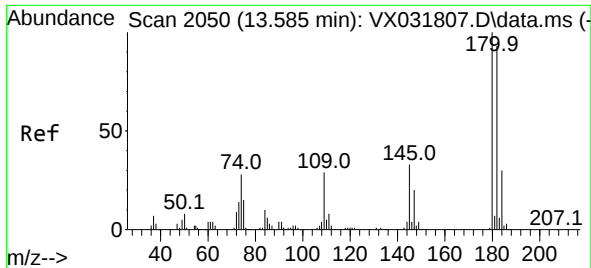
Tgt Ion:146 Resp: 12442
Ion Ratio Lower Upper
146 100
111 43.3 20.0 60.0
148 63.0 33.0 99.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.768 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion: 75 Resp: 1381
Ion Ratio Lower Upper
75 100
155 96.6 85.0 127.6
157 123.5 101.0 151.6

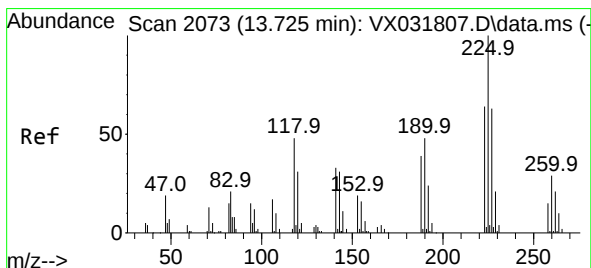
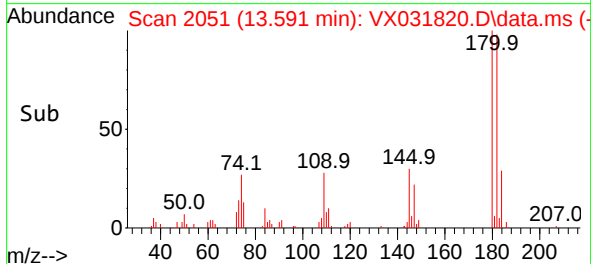
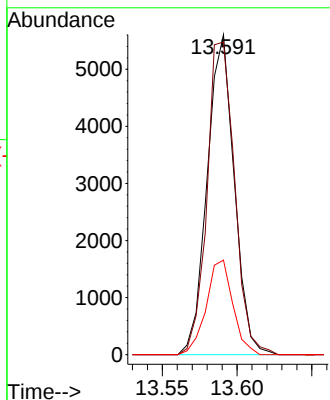
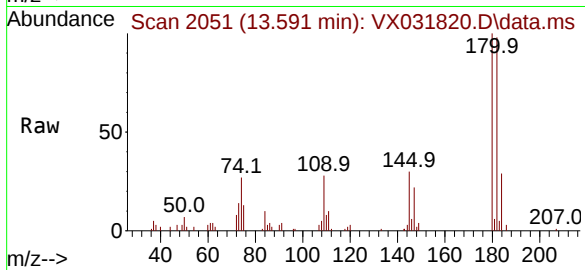




#89
 1,2,4-Trichlorobenzene
 Concen: 3.365 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX031820.D
 Acq: 30 Sep 2022 18:39

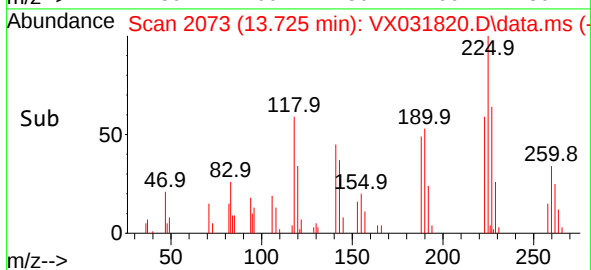
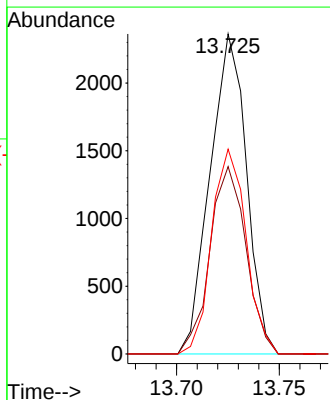
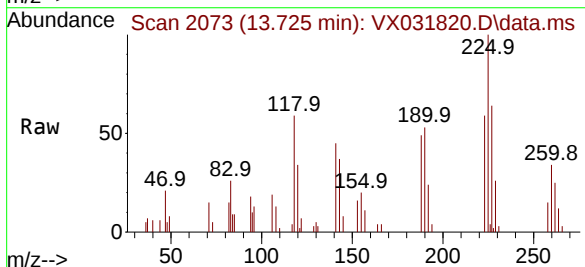
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

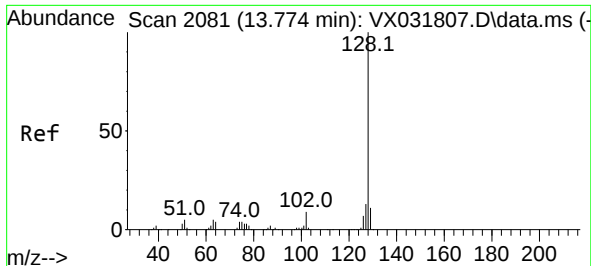
Tgt Ion:	180	Resp:	7064
Ion Ratio	Lower	Upper	
180	100		
182	99.6	75.3	112.9
145	29.0	25.9	38.9



#90
 Hexachlorobutadiene
 Concen: 3.451 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX031820.D
 Acq: 30 Sep 2022 18:39

Tgt Ion:	225	Resp:	2911
Ion Ratio	Lower	Upper	
225	100		
223	58.1	0.0	126.0
227	60.6	0.0	127.6

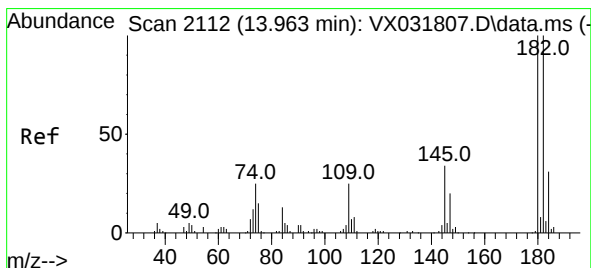
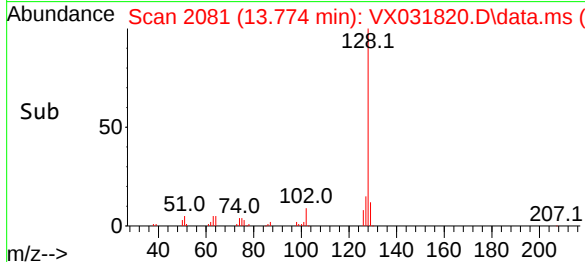
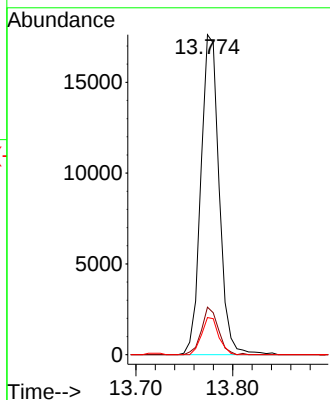
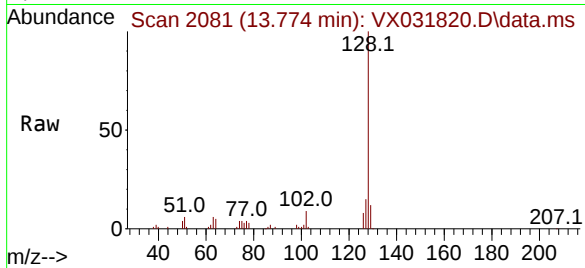




#91
Naphthalene
Concen: 3.454 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	128	Resp:	23199
Ion Ratio	Lower	Upper	
128	100		
127	13.6	9.9	14.9
129	10.8	8.4	12.6



#92
1,2,3-Trichlorobenzene
Concen: 3.415 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031820.D
Acq: 30 Sep 2022 18:39

Tgt Ion:	180	Resp:	7102
Ion Ratio	Lower	Upper	
180	100		
182	95.4	0.0	199.0
145	33.2	0.0	68.2

