

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077694.D
 Acq On : 16 May 2023 15:51
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 17 04:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	340261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	641978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	542497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	303085	59.531	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.060%
35) Dibromofluoromethane	8.171	113	228898	54.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.360%
50) Toluene-d8	10.571	98	866865	53.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.853	95	276930	48.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	1911	0.493	ug/l	87
3) Chloromethane	2.365	50	3740	Below Cal		93
4) Vinyl Chloride	2.524	62	2603	0.533	ug/l #	79
5) Bromomethane	2.959	94	3519	0.975	ug/l	91
6) Chloroethane	3.130	64	2594	0.737	ug/l	92
7) Trichlorofluoromethane	3.512	101	3700	0.544	ug/l	89
8) Diethyl Ether	3.983	74	1153	0.464	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.371	101	1375	0.365	ug/l #	69
11) Tert butyl alcohol	5.530	59	1691	2.407	ug/l	98
12) 1,1-Dichloroethene	4.347	96	2330	0.651	ug/l #	58
13) Acrolein	4.194	56	2151	Below Cal	#	63
14) Allyl chloride	5.030	41	3575	0.680	ug/l #	67
15) Acrylonitrile	5.724	53	4773	2.543	ug/l #	92
16) Acetone	4.436	43	1914	1.195	ug/l #	88
17) Carbon Disulfide	4.718	76	5069	0.526	ug/l	100
18) Methyl Acetate	5.053	43	4502	0.670	ug/l #	53
19) Methyl tert-butyl Ether	5.818	73	7276	0.562	ug/l #	82
20) Methylene Chloride	5.265	84	1583	Below Cal	#	66
21) trans-1,2-Dichloroethene	5.777	96	1004	0.250	ug/l #	85
22) Diisopropyl ether	6.677	45	6832	0.554	ug/l #	84
23) Vinyl Acetate	6.618	43	17746	2.324	ug/l #	81
24) 1,1-Dichloroethane	6.588	63	4794	0.635	ug/l #	91
25) 2-Butanone	7.506	43	7267	2.900	ug/l #	72
26) 2,2-Dichloropropane	7.494	77	3161	0.493	ug/l	77
27) cis-1,2-Dichloroethene	7.500	96	2781	0.577	ug/l	94
28) Bromochloromethane	7.824	49	1887	0.578	ug/l #	86
29) Tetrahydrofuran	7.853	42	4363	2.659	ug/l #	66
30) Chloroform	7.982	83	5008	0.603	ug/l #	65
31) Cyclohexane	8.235	56	12132	1.753	ug/l #	45
32) 1,1,1-Trichloroethane	8.171	97	3587	0.508	ug/l #	24
36) 1,1-Dichloropropene	8.377	75	3563	0.582	ug/l	94
37) Ethyl Acetate	7.577	43	2721	0.499	ug/l #	86
38) Carbon Tetrachloride	8.365	117	2795	0.452	ug/l #	82
39) Methylcyclohexane	9.606	83	3371	0.450	ug/l	98
40) Benzene	8.612	78	8749	0.484	ug/l	92
41) Methacrylonitrile	7.800	41	1813	0.624	ug/l #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.677	62	4346	0.662	ug/l #	73
43) Isopropyl Acetate	8.700	43	4556	0.511	ug/l #	85
44) Trichloroethene	9.353	130	2263	0.495	ug/l	67
45) 1,2-Dichloropropane	9.635	63	2656	0.576	ug/l #	84
46) Dibromomethane	9.724	93	1881	0.570	ug/l	92
47) Bromodichloromethane	9.894	83	3551	0.562	ug/l #	88
48) Methyl methacrylate	9.688	41	2100	0.497	ug/l #	79
49) 1,4-Dioxane	9.688	88	274	3.432	ug/l #	6
51) 4-Methyl-2-Pentanone	10.447	43	13567	2.560	ug/l	88
52) Toluene	10.641	92	4866	0.433	ug/l #	72
53) t-1,3-Dichloropropene	10.841	75	2943	0.440	ug/l #	71
54) cis-1,3-Dichloropropene	10.323	75	3413	0.463	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	2734	0.612	ug/l #	81
56) Ethyl methacrylate	10.882	69	3069	0.454	ug/l #	82
57) 1,3-Dichloropropane	11.182	76	3644	0.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	5897	1.775	ug/l	89
59) 2-Hexanone	11.200	43	10235	2.611	ug/l	90
60) Dibromochloromethane	11.359	129	2014	0.437	ug/l	96
61) 1,2-Dibromoethane	11.470	107	1921	0.431	ug/l	90
64) Tetrachloroethene	11.106	164	2077	0.547	ug/l #	65
65) Chlorobenzene	11.894	112	6520	0.554	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.970	131	1912	0.470	ug/l #	53
67) Ethyl Benzene	11.970	91	11219	0.532	ug/l	97
68) m/p-Xylenes	12.070	106	8188	1.025	ug/l	90
69) o-Xylene	12.400	106	3596	0.458	ug/l	85
70) Styrene	12.417	104	5916	0.474	ug/l	94
71) Bromoform	12.594	173	1257	0.464	ug/l #	93
73) Isopropylbenzene	12.706	105	8988	0.479	ug/l	88
74) N-amyl acetate	12.500	43	4003	0.578	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.953	83	2933	0.508	ug/l #	90
76) 1,2,3-Trichloropropane	12.853	75	148696	27.297	ug/l #	1
77) Bromobenzene	12.982	156	2619	0.612	ug/l	95
78) n-propylbenzene	13.047	91	11432	0.517	ug/l	95
79) 2-Chlorotoluene	13.135	91	6666	0.505	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	7725	0.490	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	148696	87.255	ug/l #	15
82) 4-Chlorotoluene	13.223	91	6394	0.487	ug/l	99
83) tert-Butylbenzene	13.453	119	6855	0.498	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	7799	0.503	ug/l	95
85) sec-Butylbenzene	13.623	105	9216	0.471	ug/l	93
86) p-Isopropyltoluene	13.735	119	6427	0.412	ug/l	86
87) 1,3-Dichlorobenzene	13.735	146	3979	0.503	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	3979	0.507	ug/l	90
89) n-Butylbenzene	14.064	91	6674	0.466	ug/l	96
90) Hexachloroethane	14.341	117	1209	0.472	ug/l	75
91) 1,2-Dichlorobenzene	14.117	146	3537	0.478	ug/l	80
92) 1,2-Dibromo-3-Chloropr...	14.717	75	409	0.366	ug/l	71
93) 1,2,4-Trichlorobenzene	15.400	180	2060	0.477	ug/l	79
94) Hexachlorobutadiene	15.506	225	777	0.433	ug/l #	30
95) Naphthalene	15.653	128	7528	0.506	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.853	180	2376	0.562	ug/l	85

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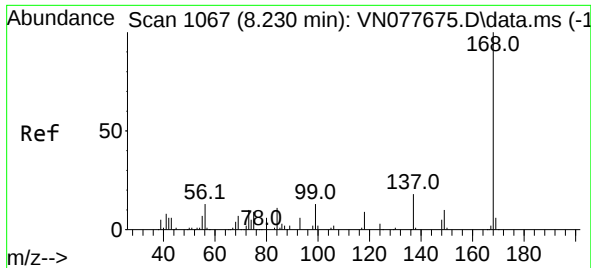
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-OT2-2023

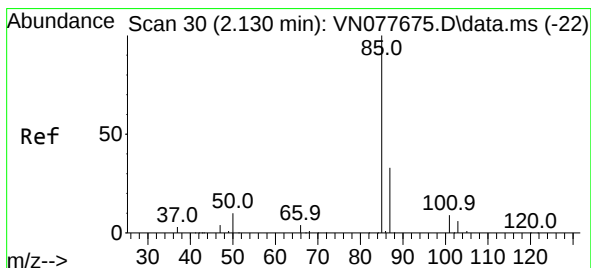
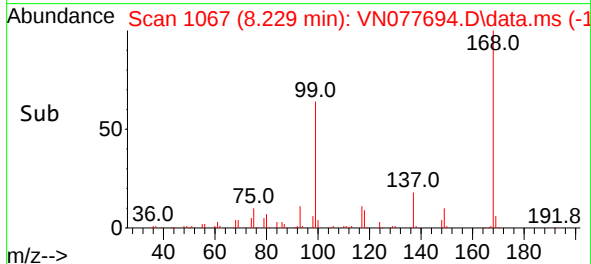
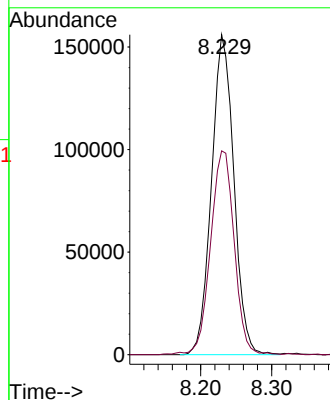
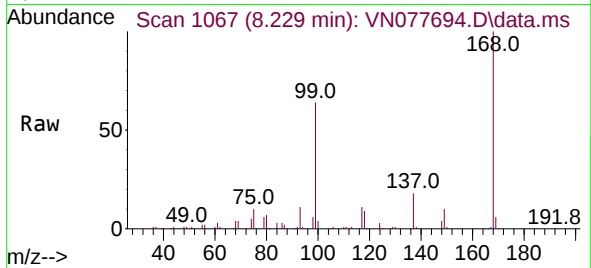




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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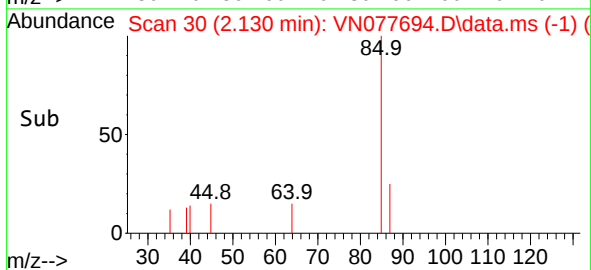
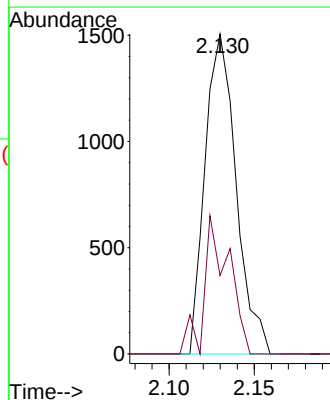
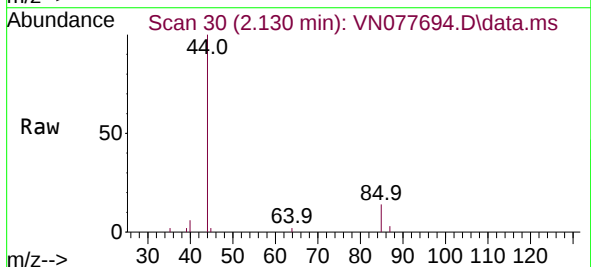
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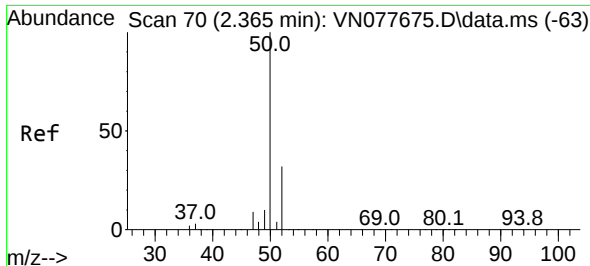
Tgt Ion:168 Resp: 340261
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.493 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 85 Resp: 1911
Ion Ratio Lower Upper
85 100
87 24.5 15.8 47.4

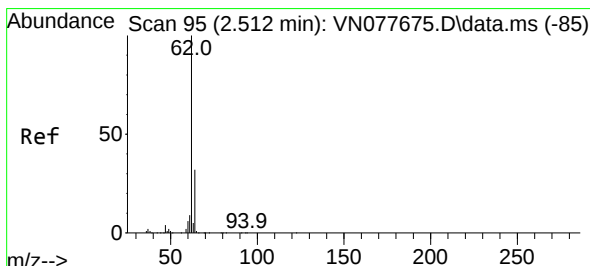
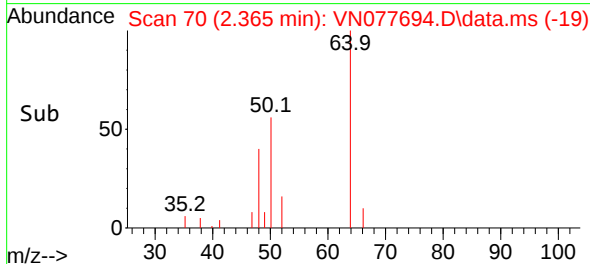
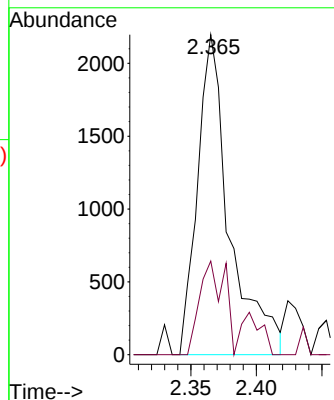
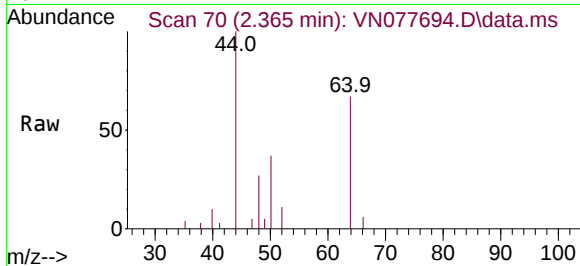




#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

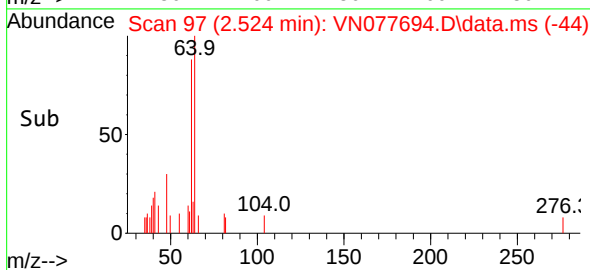
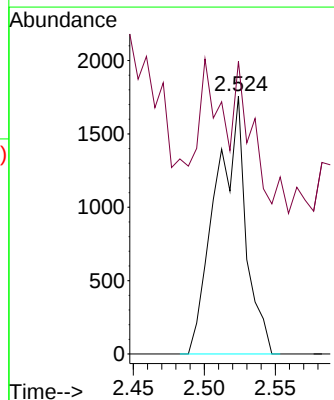
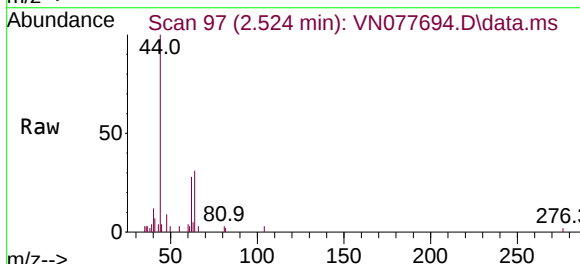
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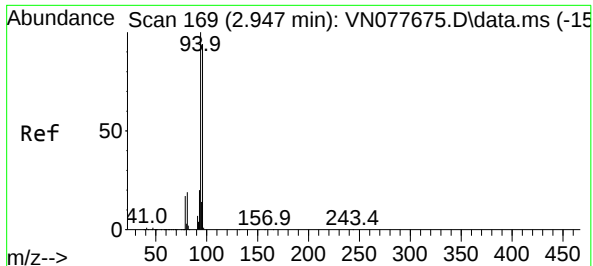
Tgt Ion: 50 Resp: 3740
Ion Ratio Lower Upper
50 100
52 29.3 26.5 39.7



#4
Vinyl Chloride
Concen: 0.533 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 62 Resp: 2603
Ion Ratio Lower Upper
62 100
64 44.8 26.2 39.2#

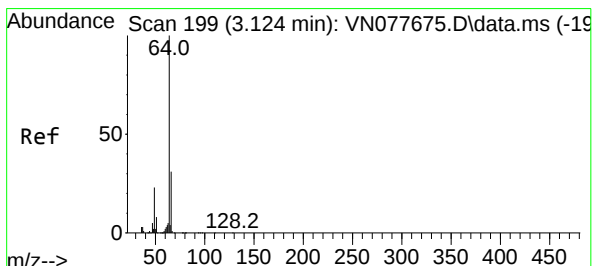
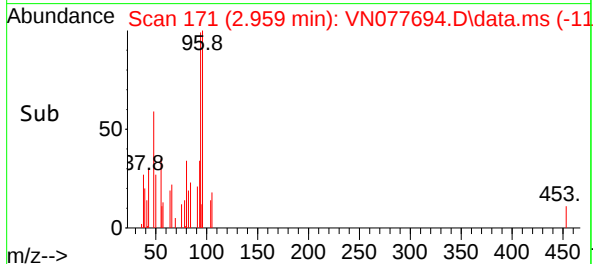
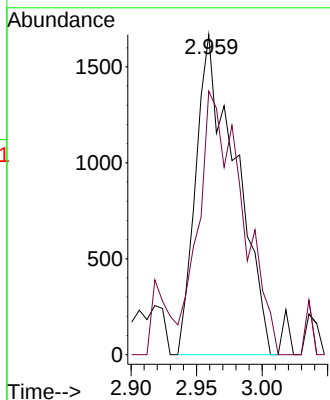
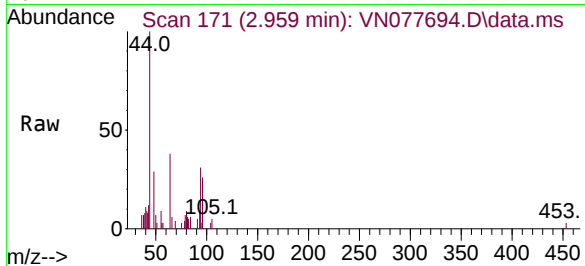




#5
Bromomethane
Concen: 0.975 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

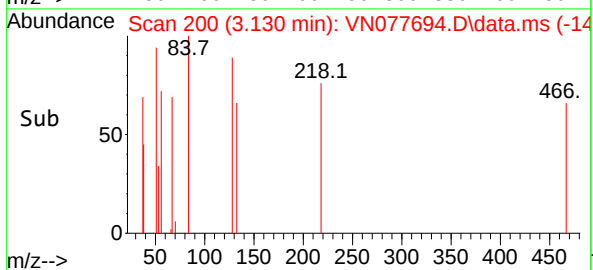
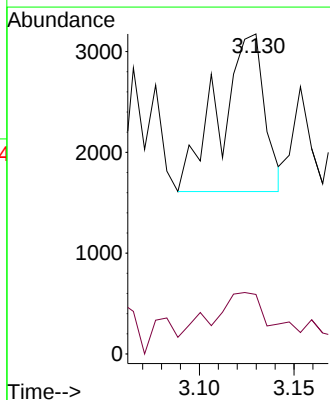
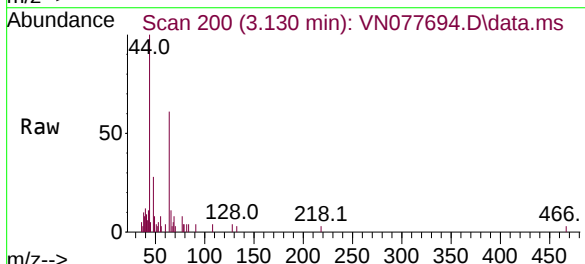
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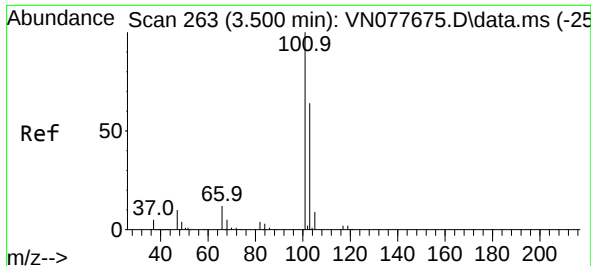
Tgt Ion: 94 Resp: 3519
Ion Ratio Lower Upper
94 100
96 82.4 73.1 109.7



#6
Chloroethane
Concen: 0.737 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 64 Resp: 2594
Ion Ratio Lower Upper
64 100
66 27.2 25.4 38.2

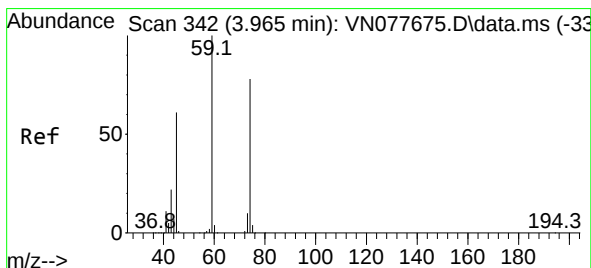
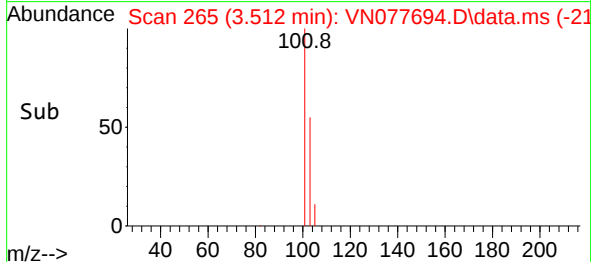
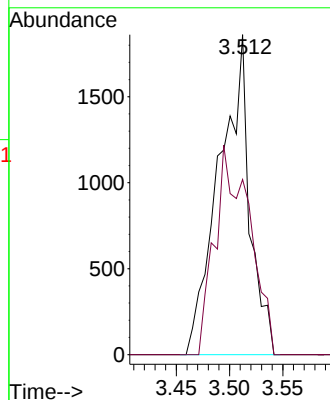
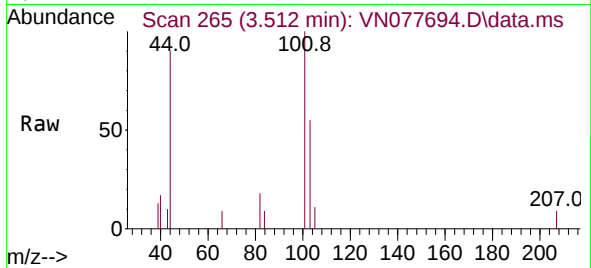




#7
Trichlorofluoromethane
Concen: 0.544 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

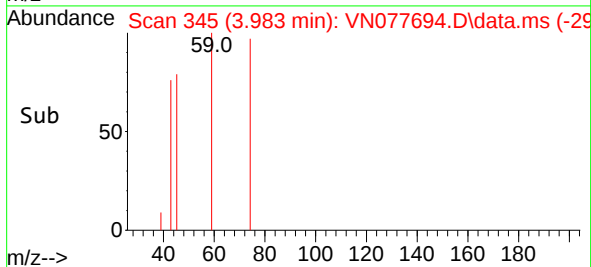
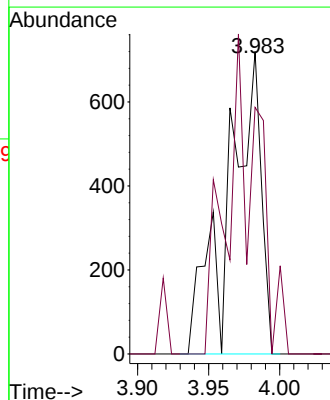
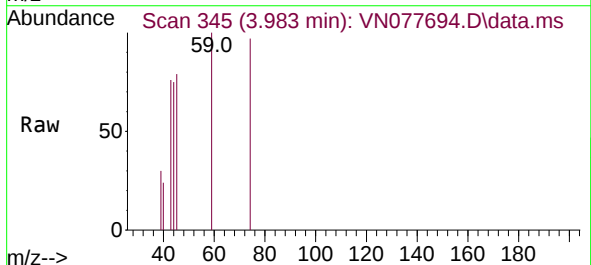
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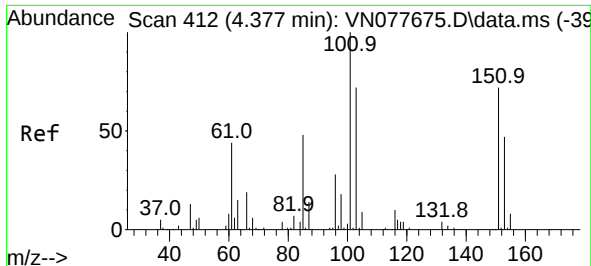
Tgt Ion:101 Resp: 3700
Ion Ratio Lower Upper
101 100
103 54.8 50.7 76.1



#8
Diethyl Ether
Concen: 0.464 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.018 min
Lab File: VN077694.D
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Tgt Ion: 74 Resp: 1153
Ion Ratio Lower Upper
74 100
45 100.3 34.4 103.3

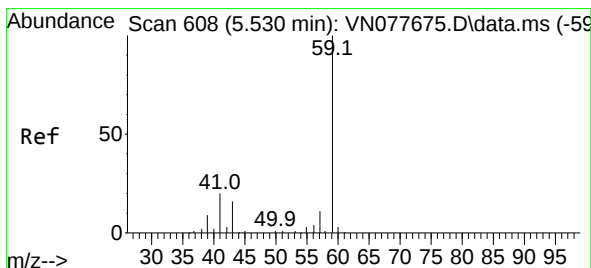
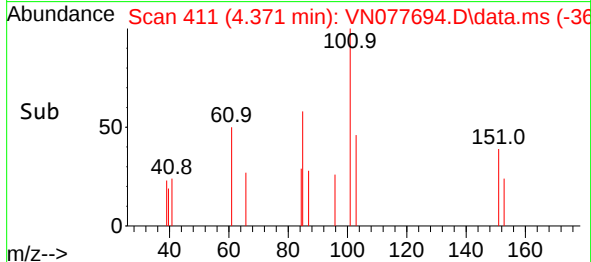
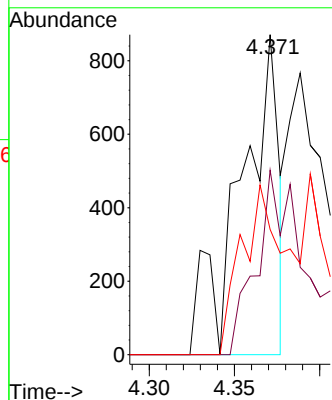
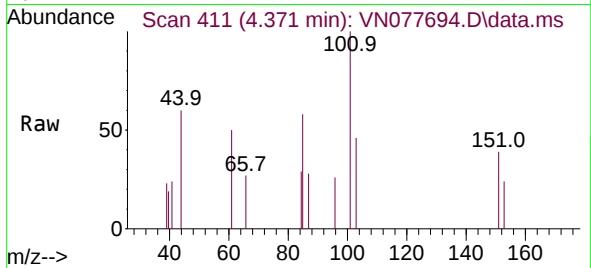




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.365 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077694.D
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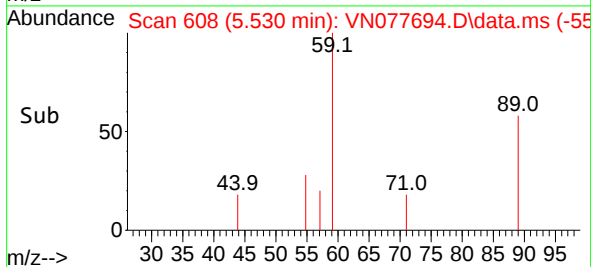
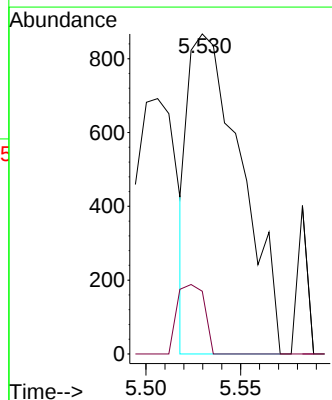
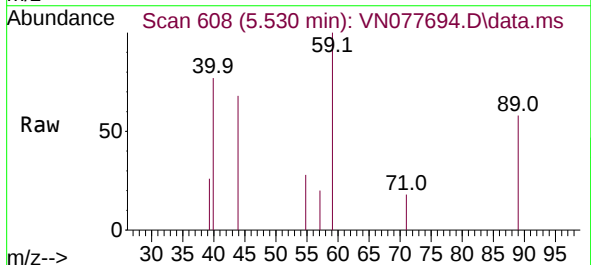
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

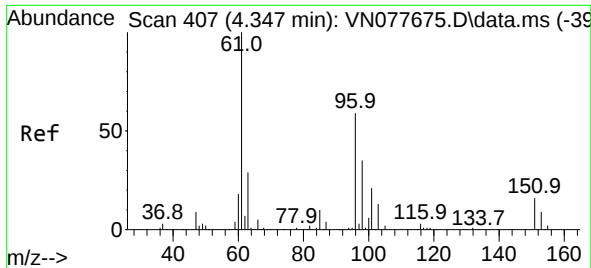
Tgt Ion:101 Resp: 1375
Ion Ratio Lower Upper
101 100
85 68.4 36.6 55.0#
151 47.5 57.6 86.4#



#11
Tert butyl alcohol
Concen: 2.407 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 59 Resp: 1691
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

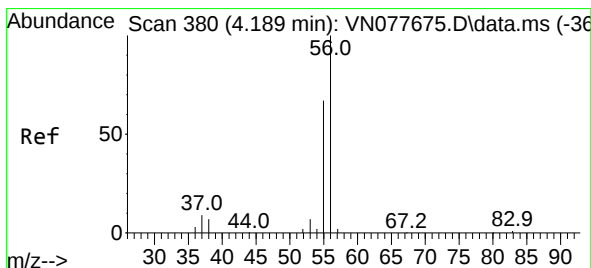
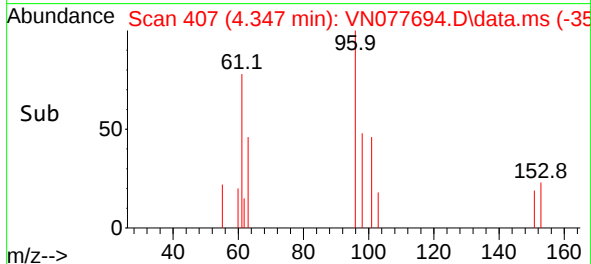
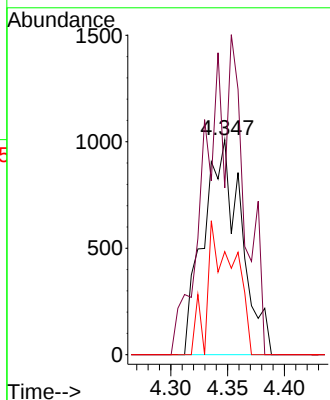
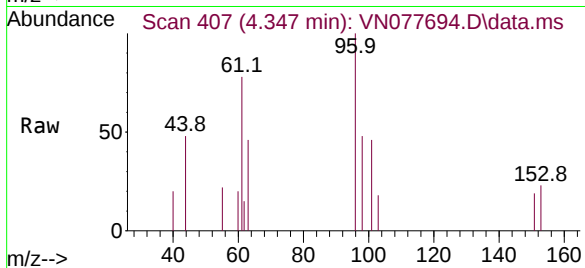




#12
1,1-Dichloroethene
Concen: 0.651 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

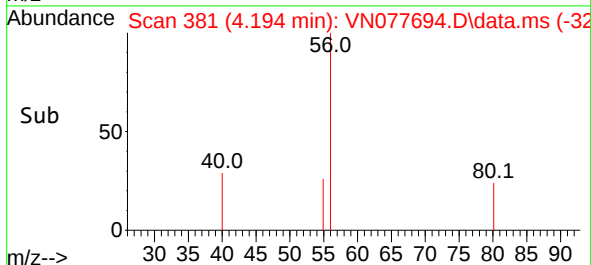
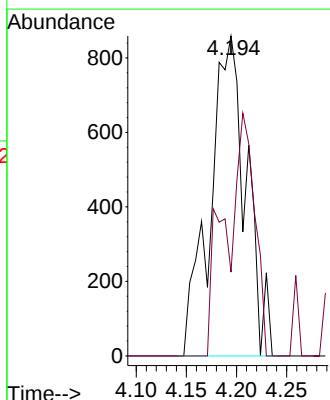
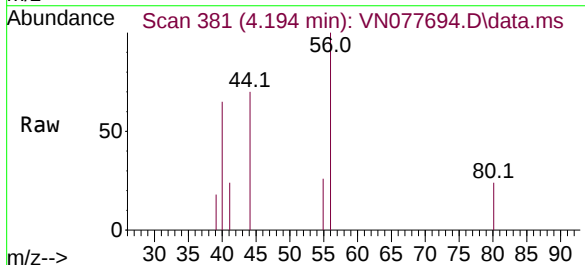
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

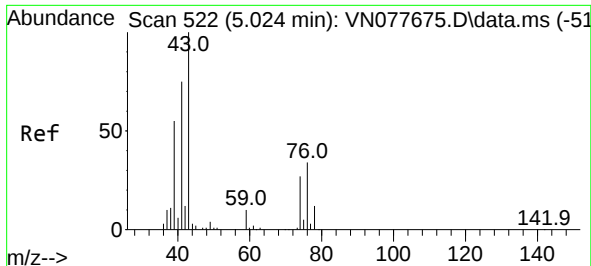
Tgt Ion: 96 Resp: 2330
Ion Ratio Lower Upper
96 100
61 77.6 112.7 169.1#
98 48.0 51.2 76.8#



#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 56 Resp: 2151
Ion Ratio Lower Upper
56 100
55 38.5 54.5 81.7#

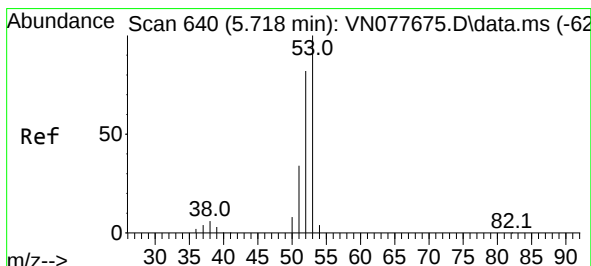
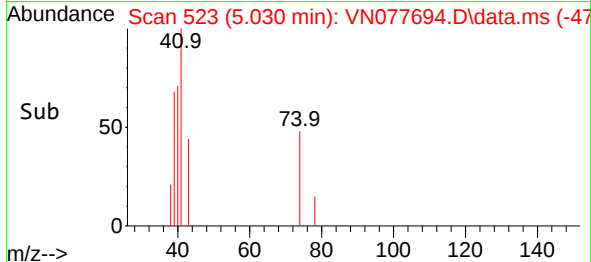
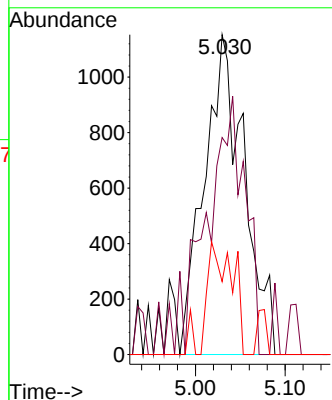
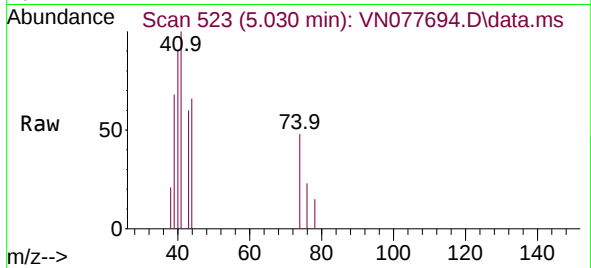




#14
 Allyl chloride
 Concen: 0.680 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077694.D
 Acq: 16 May 2023 15:51

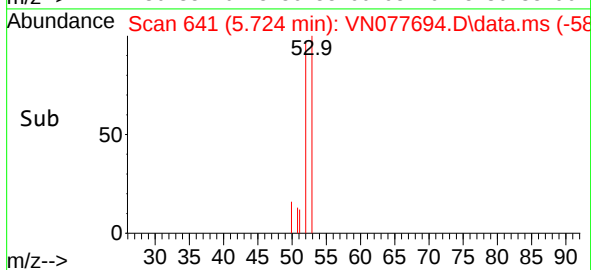
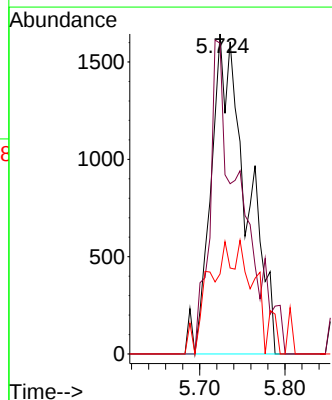
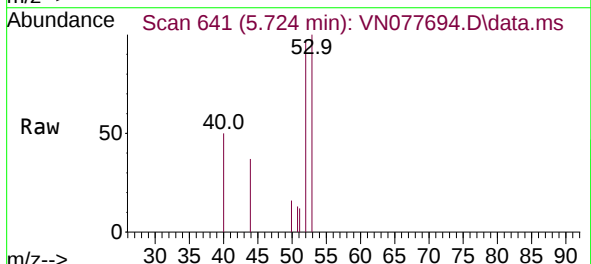
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

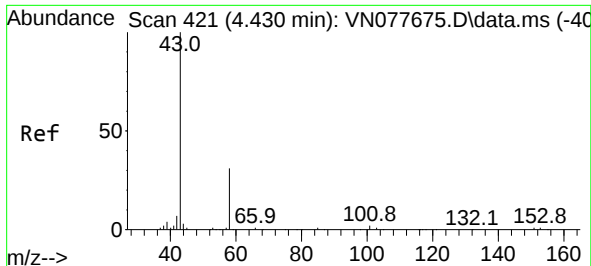
Tgt Ion: 41 Resp: 3575
 Ion Ratio Lower Upper
 41 100
 39 79.2 58.8 88.2
 76 0.0 39.1 58.7#



#15
 Acrylonitrile
 Concen: 2.543 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VN077694.D
 Acq: 16 May 2023 15:51

Tgt Ion: 53 Resp: 4773
 Ion Ratio Lower Upper
 53 100
 52 85.0 65.3 97.9
 51 25.3 28.9 43.3#

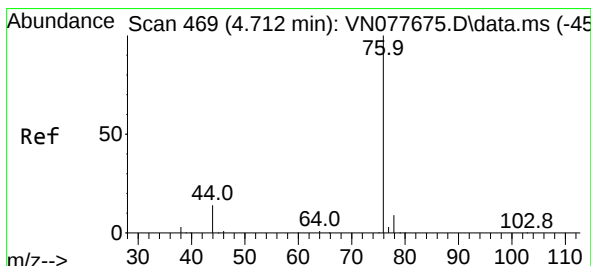
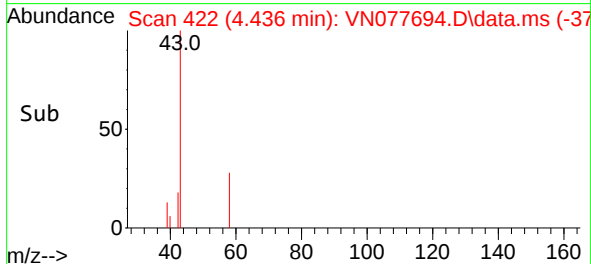
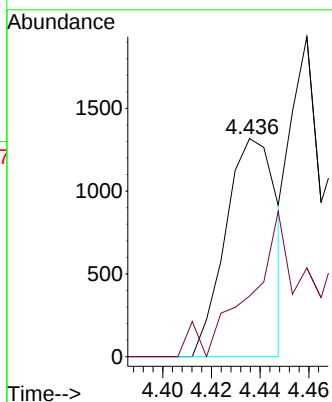
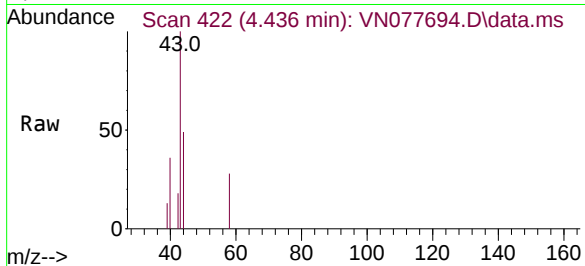




#16
Acetone
Concen: 1.195 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

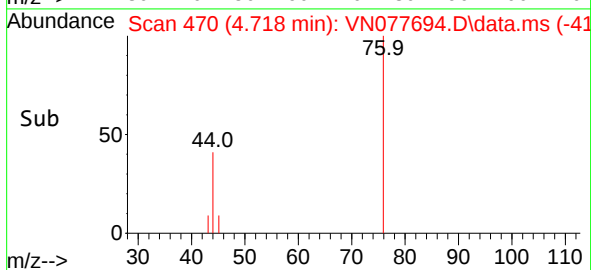
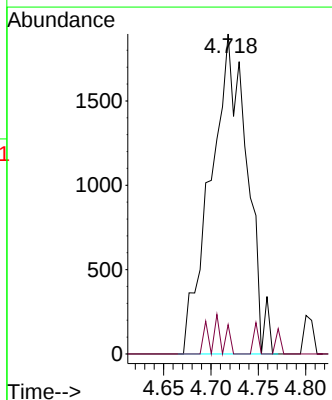
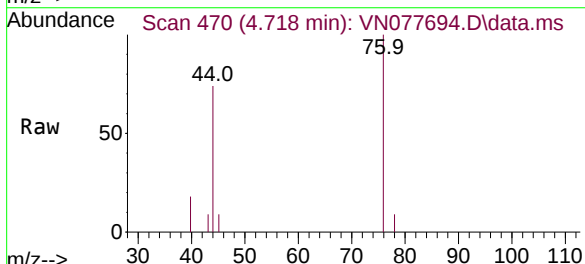
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

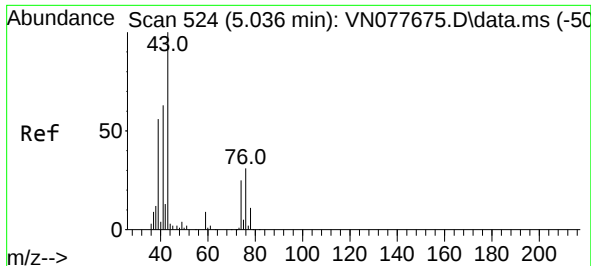
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 27.8 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.526 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 76 Resp: 5069
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

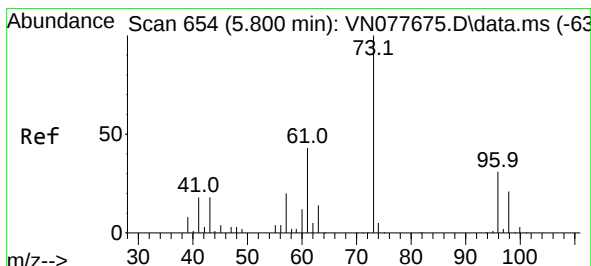
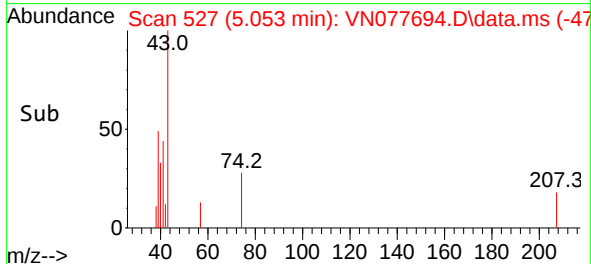
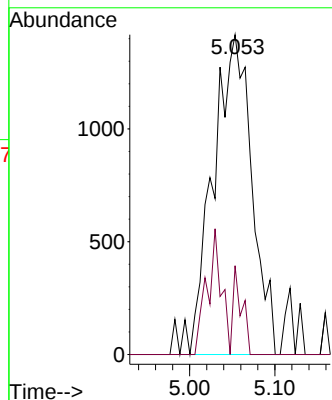
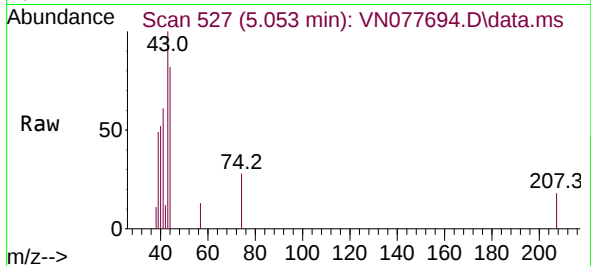




#18
Methyl Acetate
Concen: 0.670 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

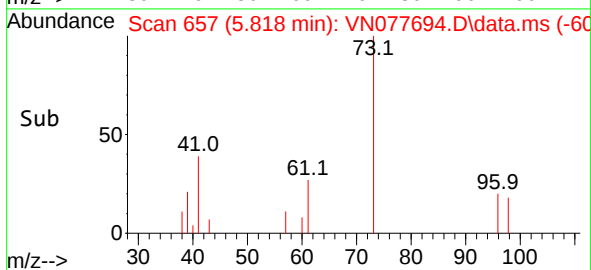
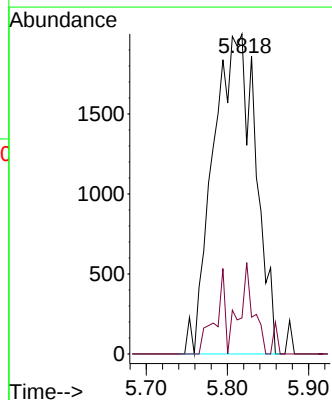
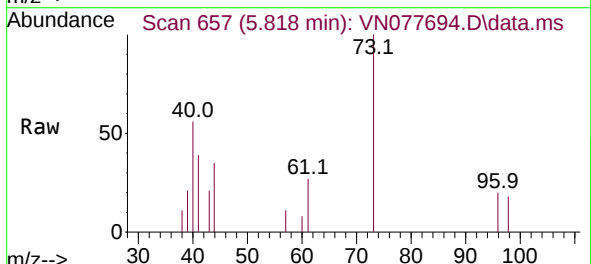
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

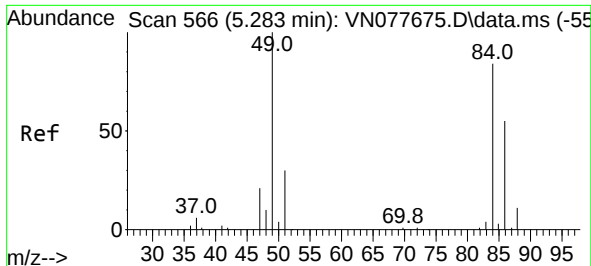
Tgt Ion: 43 Resp: 4502
Ion Ratio Lower Upper
43 100
74 6.3 26.2 39.4#



#19
Methyl tert-butyl Ether
Concen: 0.562 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.018 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

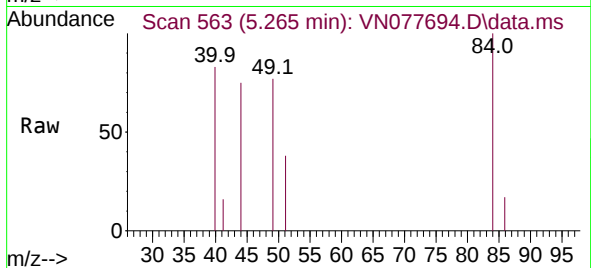
Tgt Ion: 73 Resp: 7276
Ion Ratio Lower Upper
73 100
57 11.2 15.6 23.4#





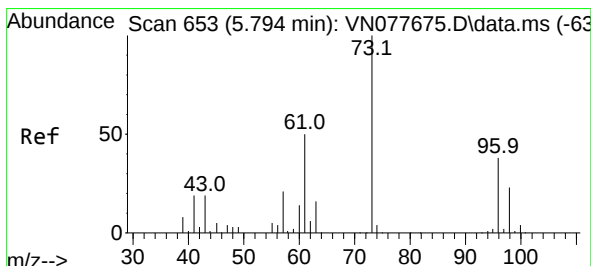
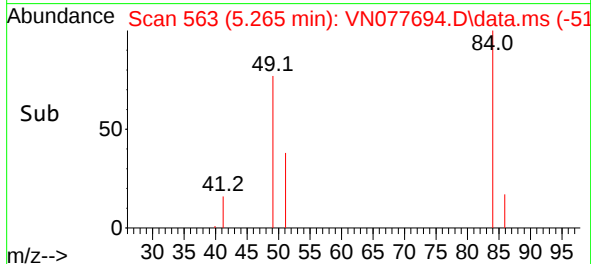
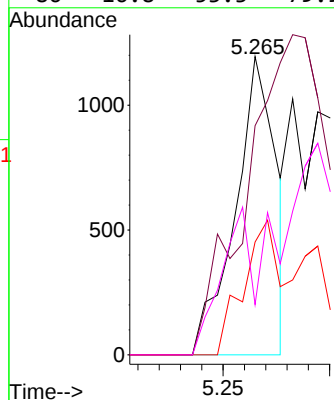
#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 84 Resp: 1583

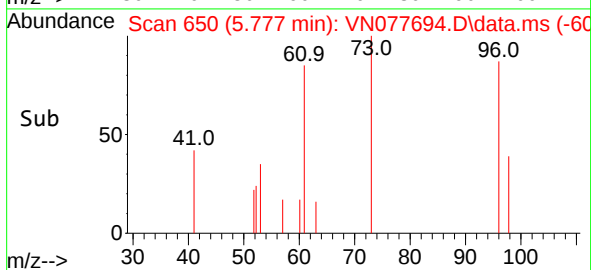
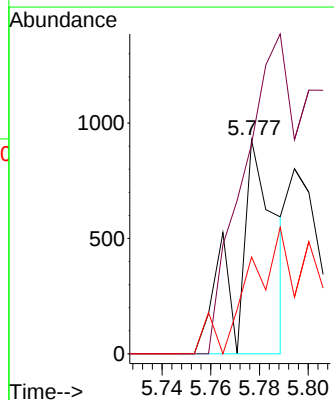
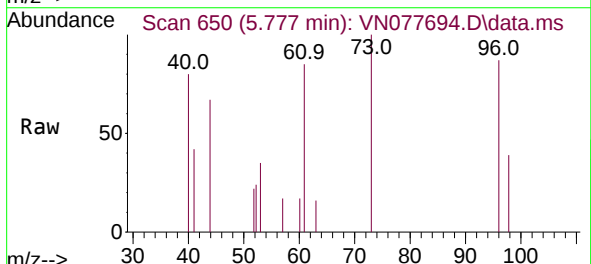
Ion	Ratio	Lower	Upper
84	100		
49	76.8	79.7	119.5#
51	37.8	25.2	37.8#
86	16.8	53.3	79.9#

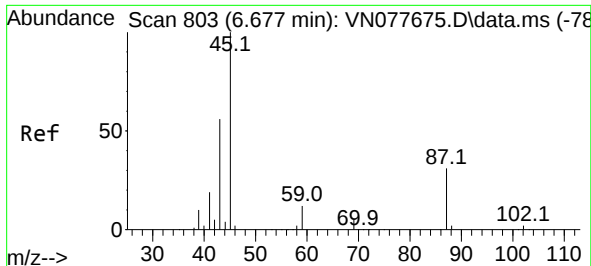


#21
trans-1,2-Dichloroethene
Concen: 0.250 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.017 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 96 Resp: 1004

Ion	Ratio	Lower	Upper
96	100		
61	98.1	90.1	135.1
98	45.3	46.4	69.6#

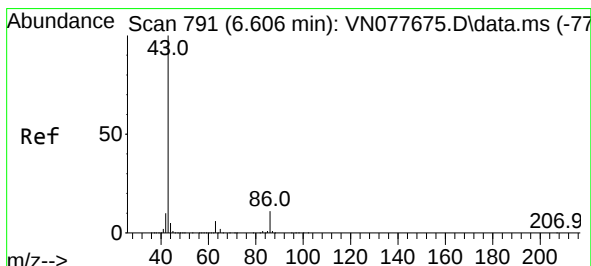
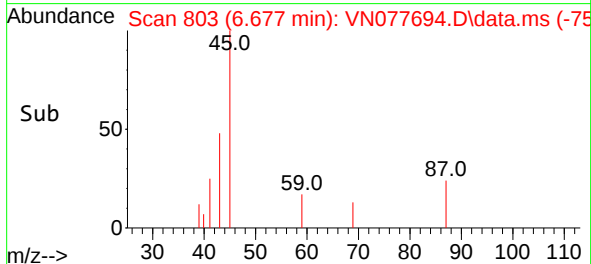
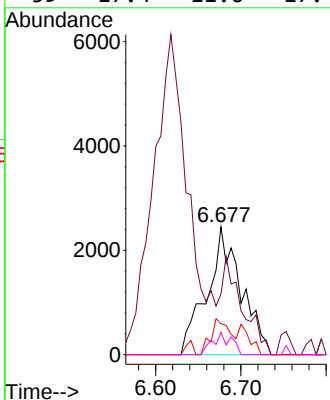
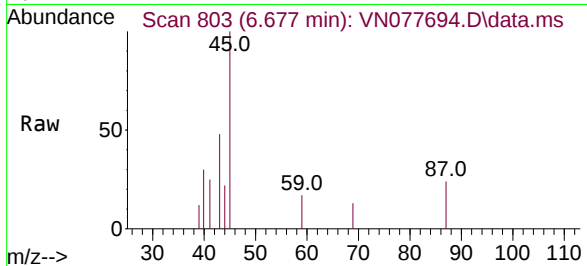




#22
Diisopropyl ether
Concen: 0.554 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

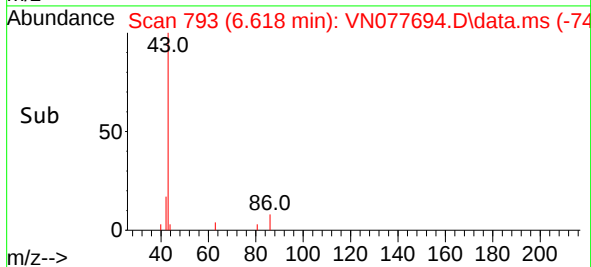
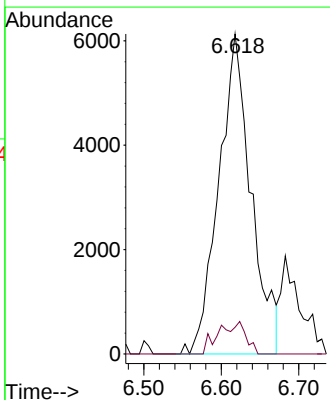
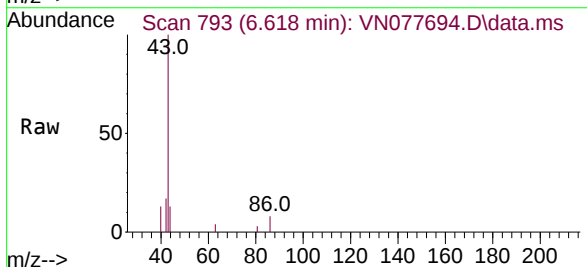
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

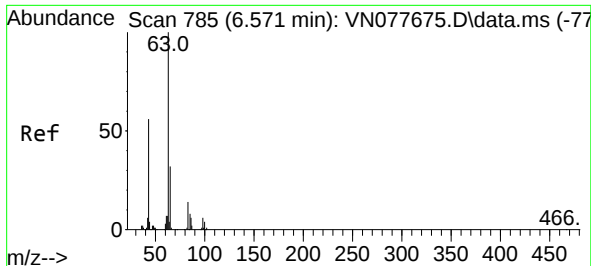
Tgt Ion:	45	Resp:	6832
Ion	Ratio	Lower	Upper
45	100		
43	47.7	45.5	68.3
87	24.3	31.8	47.8
59	17.4	11.6	17.4



#23
Vinyl Acetate
Concen: 2.324 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:	43	Resp:	17746
Ion	Ratio	Lower	Upper
43	100		
86	8.3	13.0	19.6

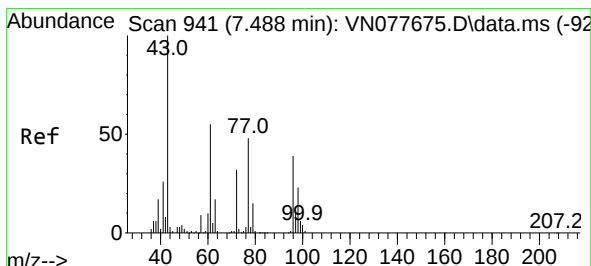
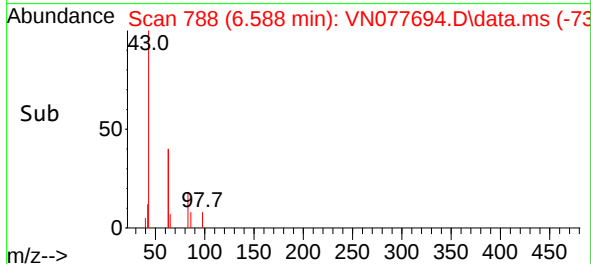
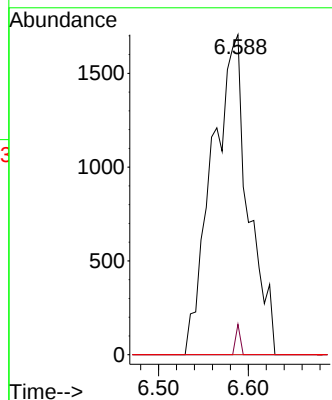
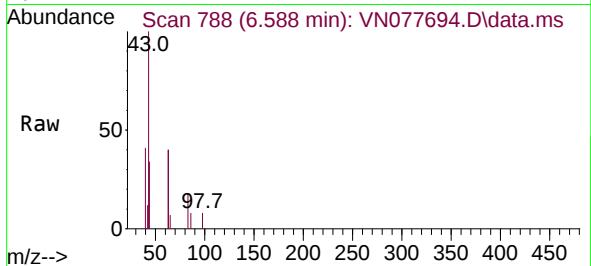




#24
1,1-Dichloroethane
Concen: 0.635 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.017 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

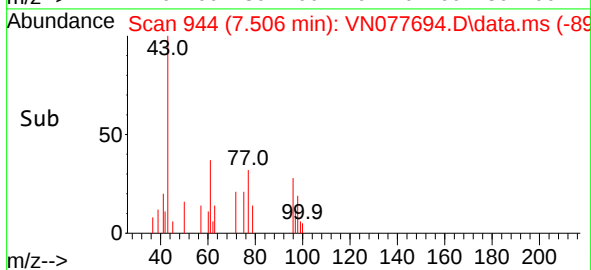
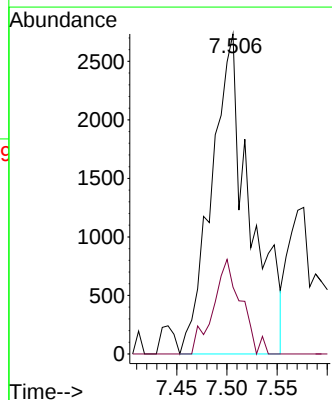
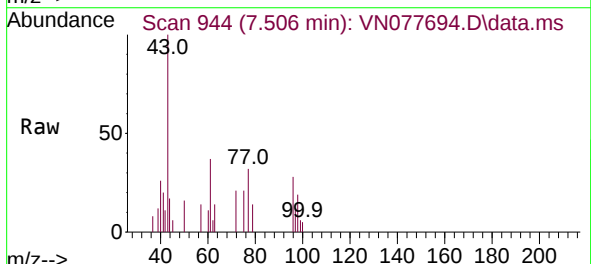
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

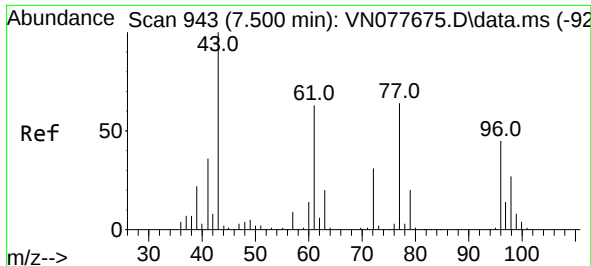
Tgt Ion: 63 Resp: 4794
Ion Ratio Lower Upper
63 100
98 9.5 3.9 11.7
100 0.0 2.5 7.4#



#25
2-Butanone
Concen: 2.900 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 43 Resp: 7267
Ion Ratio Lower Upper
43 100
72 20.9 30.2 45.2#

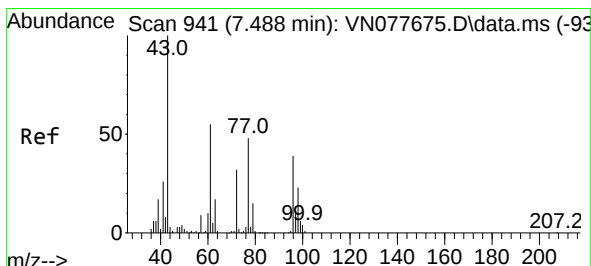
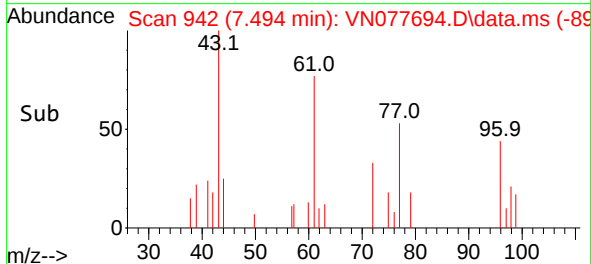
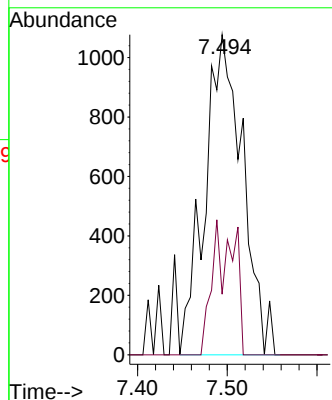
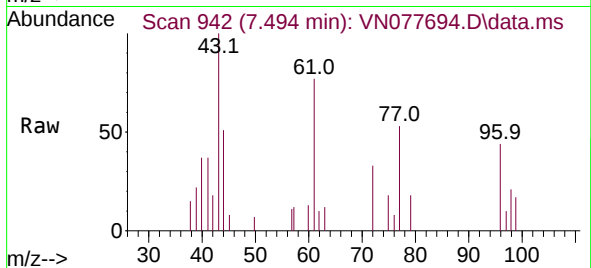




#26
2,2-Dichloropropane
Concen: 0.493 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

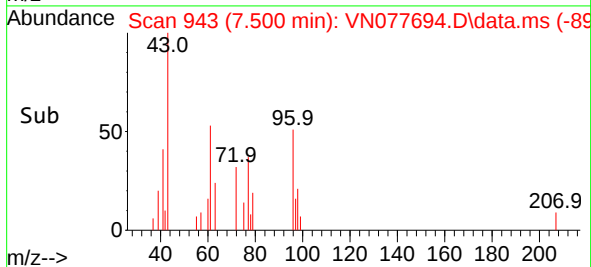
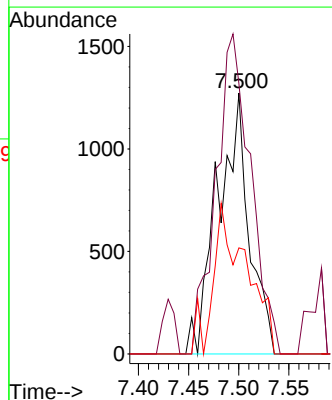
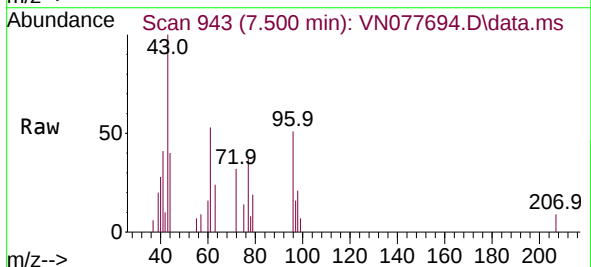
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

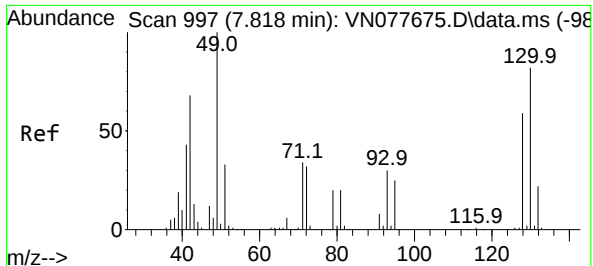
Tgt Ion: 77 Resp: 3161
Ion Ratio Lower Upper
77 100
97 11.6 11.2 33.6



#27
cis-1,2-Dichloroethene
Concen: 0.577 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 96 Resp: 2781
Ion Ratio Lower Upper
96 100
61 135.5 0.0 255.2
98 61.2 0.0 128.8

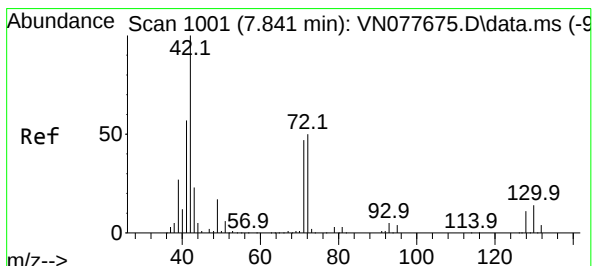
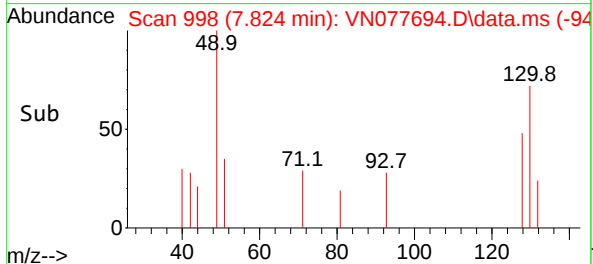
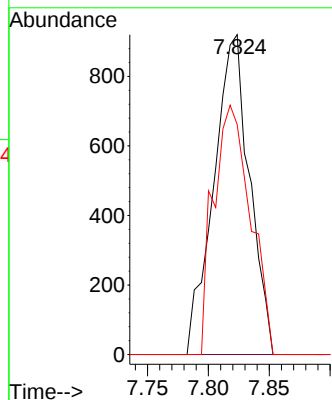
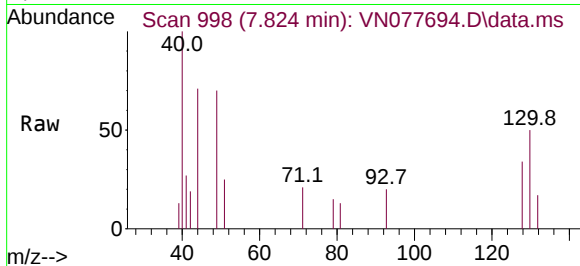




#28
Bromochloromethane
Concen: 0.578 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

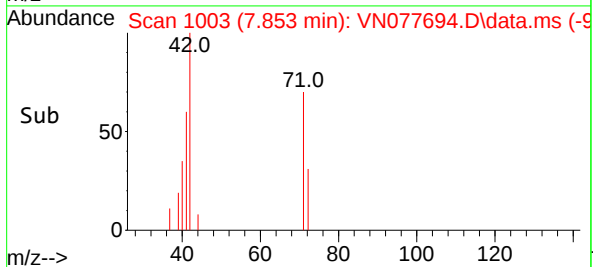
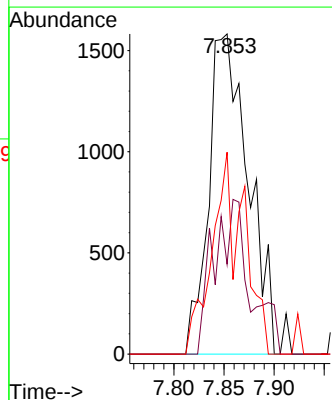
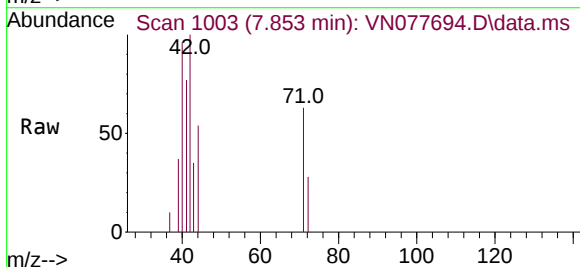
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

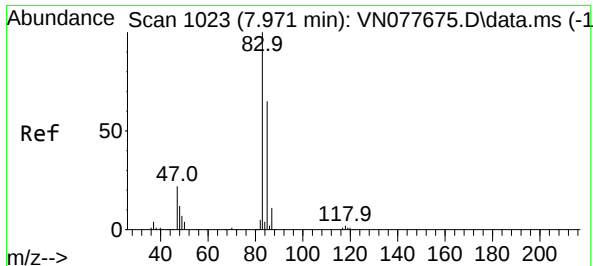
Tgt Ion: 49 Resp: 1887
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 80.5 75.3 112.9



#29
Tetrahydrofuran
Concen: 2.659 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 42 Resp: 4363
Ion Ratio Lower Upper
42 100
72 37.9 49.8 74.6#
71 31.1 47.4 71.2#





#30

Chloroform

Concen: 0.603 ug/l

RT: 7.982 min Scan# 1025

Delta R.T. 0.011 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

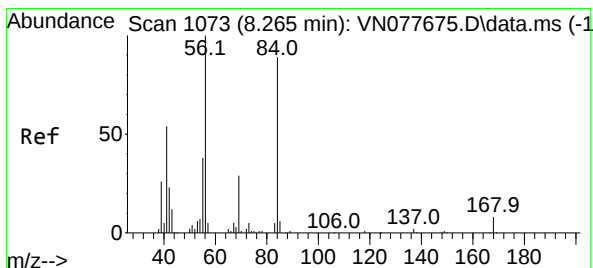
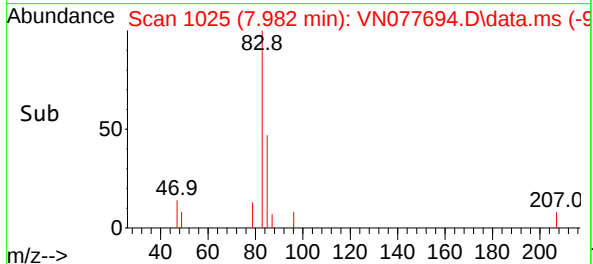
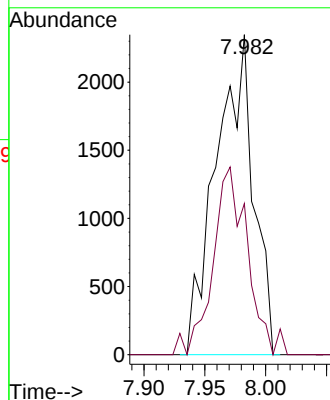
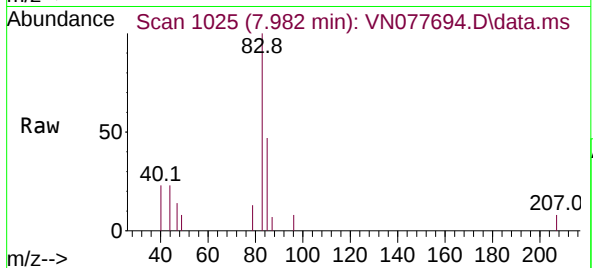
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 5008

Ion Ratio Lower Upper

83 100

85 40.5 55.4 83.0#



#31

Cyclohexane

Concen: 1.753 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

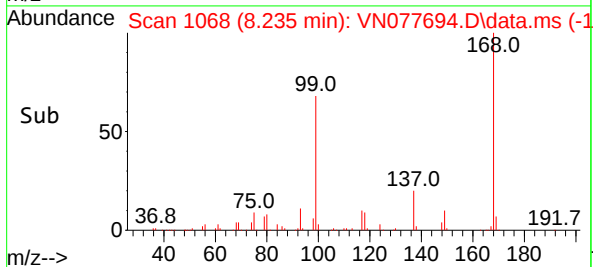
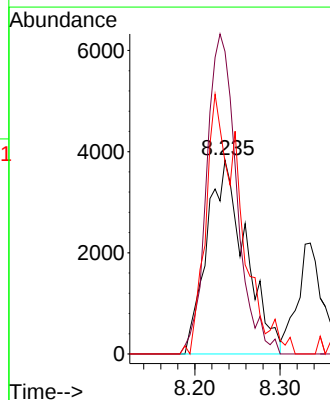
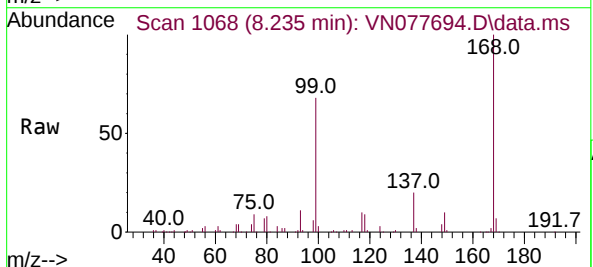
Tgt Ion: 56 Resp: 12132

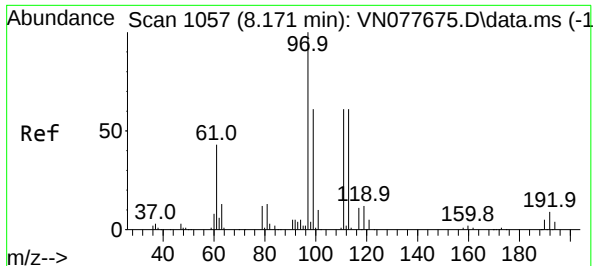
Ion Ratio Lower Upper

56 100

69 156.1 26.8 40.2#

84 99.2 81.8 122.6





#32

1,1,1-Trichloroethane

Concen: 0.508 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

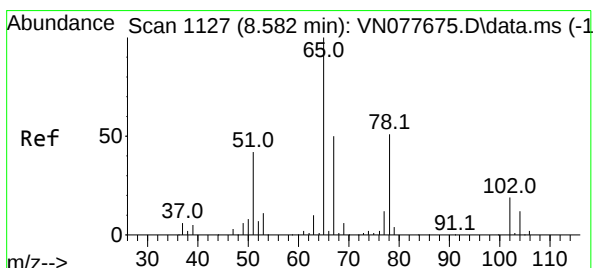
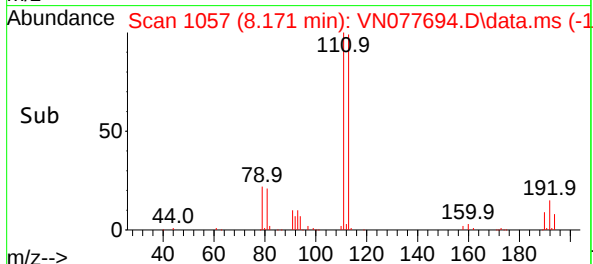
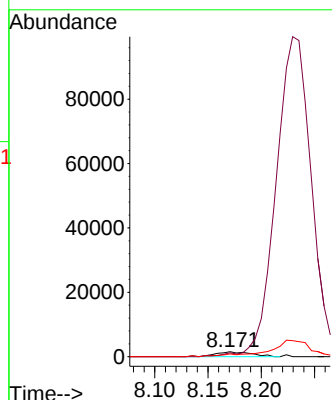
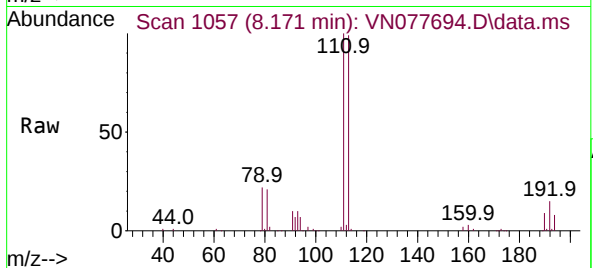
Tgt Ion: 97 Resp: 3587

Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 0.0 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 59.531 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077694.D

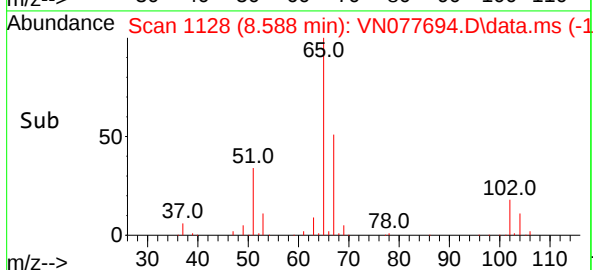
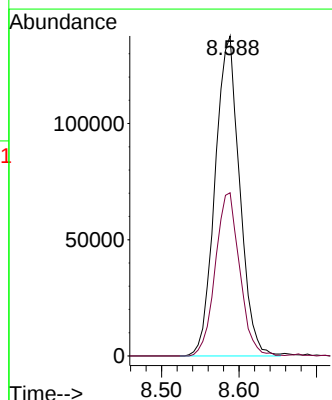
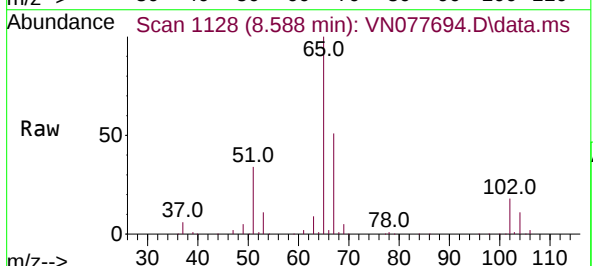
Acq: 16 May 2023 15:51

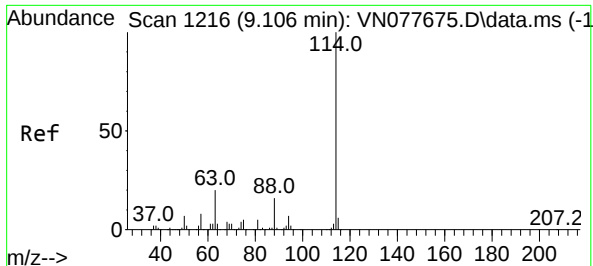
Tgt Ion: 65 Resp: 303085

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

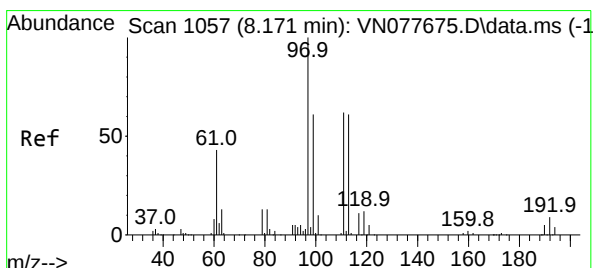
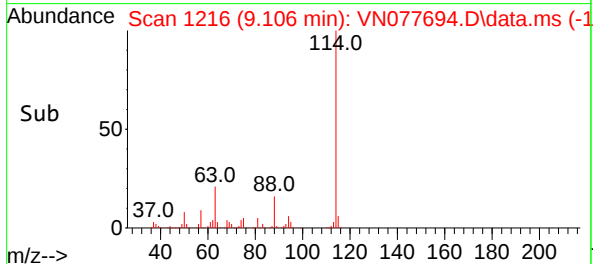
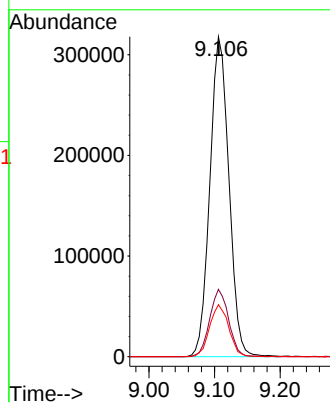
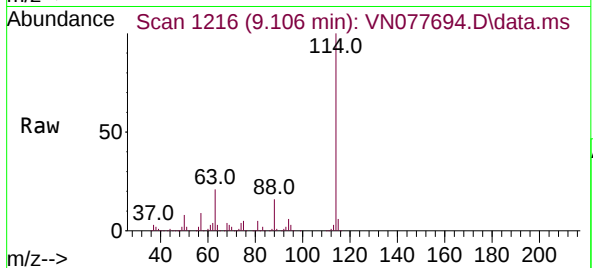
Tgt Ion:114 Resp: 641978

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.678 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

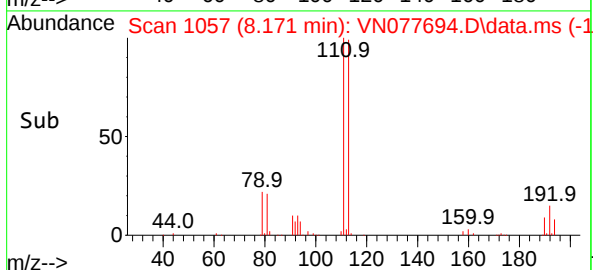
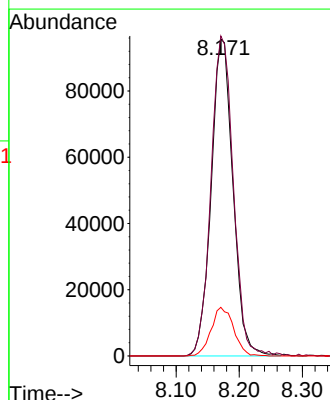
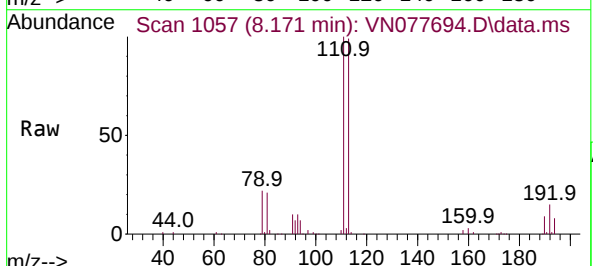
Tgt Ion:113 Resp: 228898

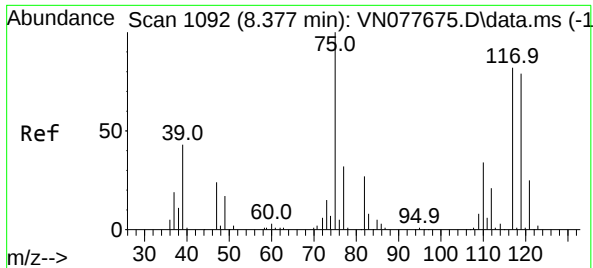
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 15.9 12.7 19.1

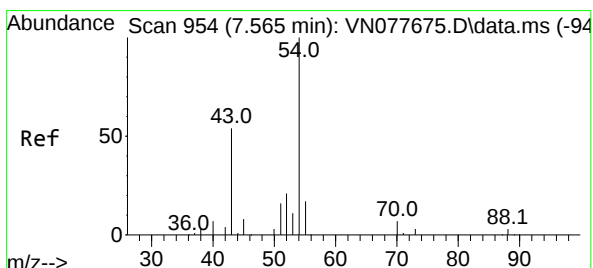
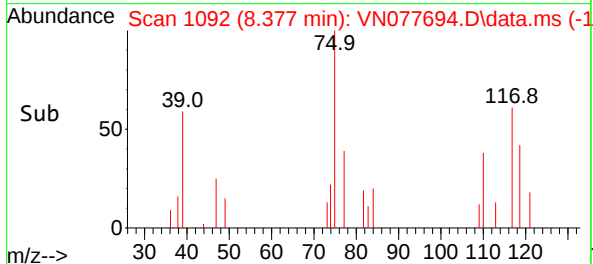
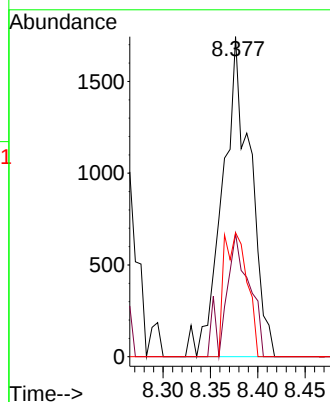
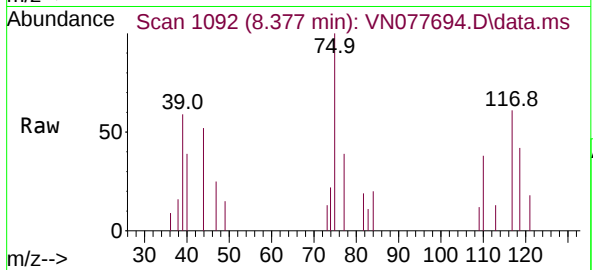




#36
1,1-Dichloropropene
Concen: 0.582 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

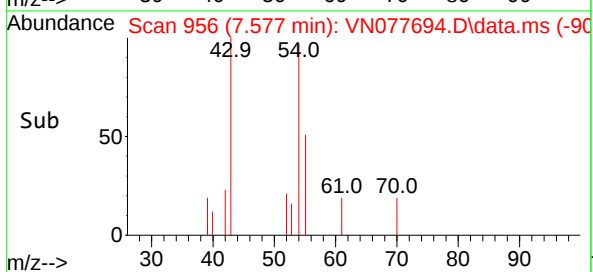
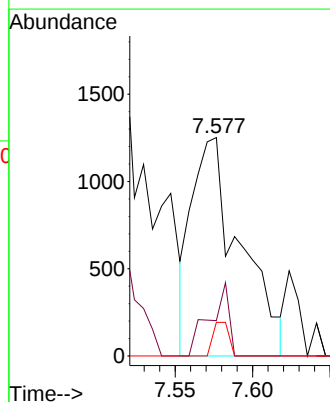
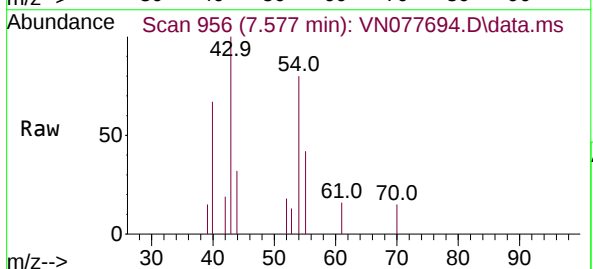
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

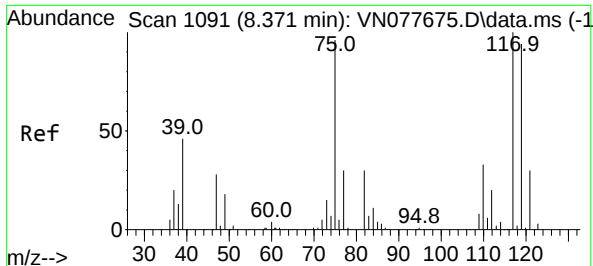
Tgt Ion: 75 Resp: 3563
Ion Ratio Lower Upper
75 100
110 32.6 19.1 57.3
77 31.8 25.0 37.4



#37
Ethyl Acetate
Concen: 0.499 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 5.0 11.3 16.9#

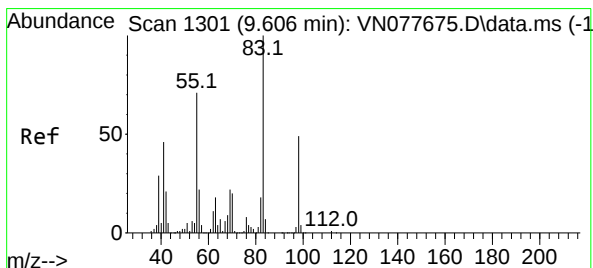
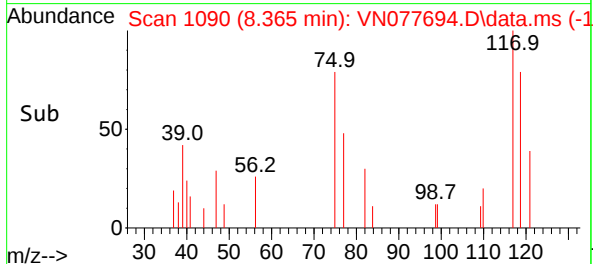
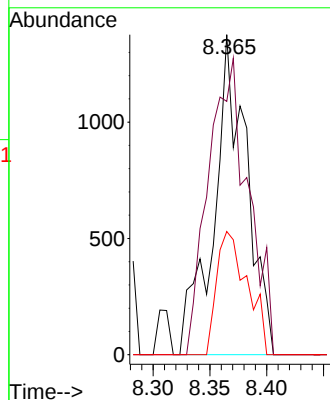
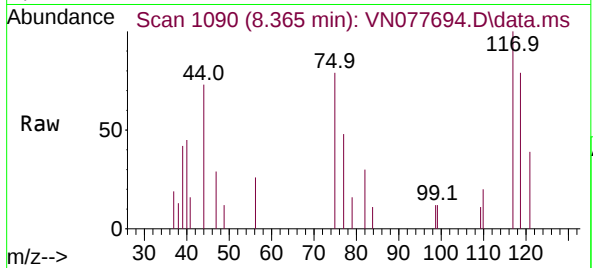




#38
Carbon Tetrachloride
Concen: 0.452 ug/l
RT: 8.365 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

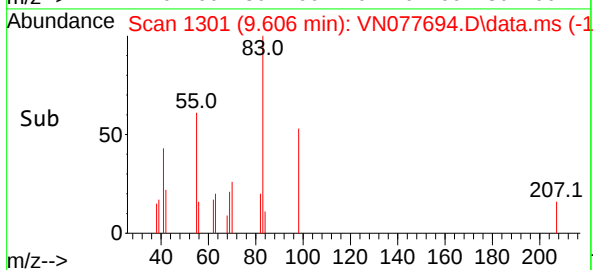
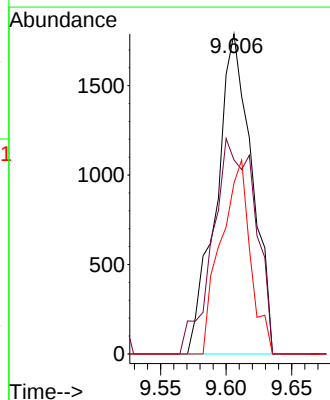
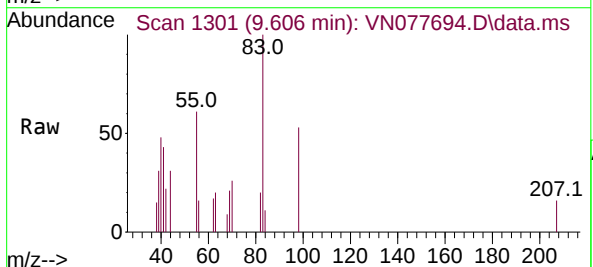
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

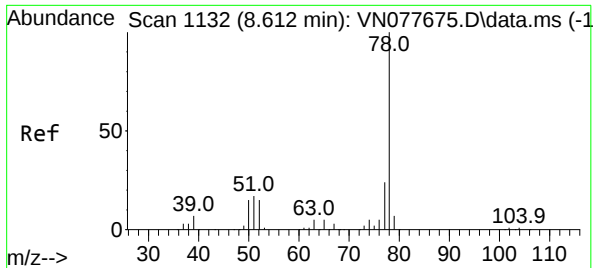
Tgt Ion:117 Resp: 2795
Ion Ratio Lower Upper
117 100
119 79.1 77.3 115.9
121 38.5 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.450 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 83 Resp: 3371
Ion Ratio Lower Upper
83 100
55 60.6 49.1 73.7
98 53.3 40.6 61.0

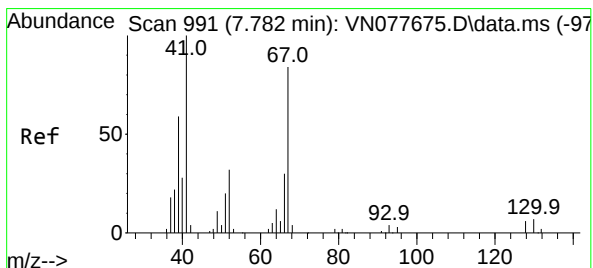
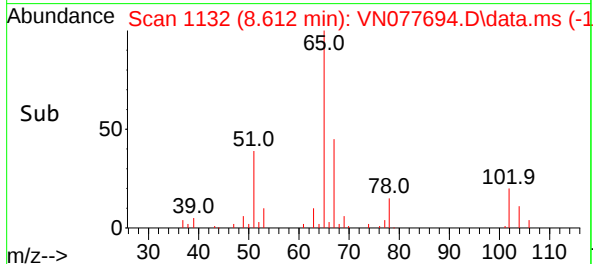
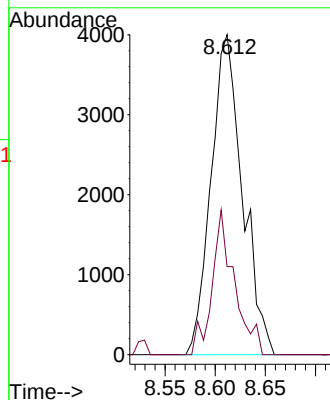
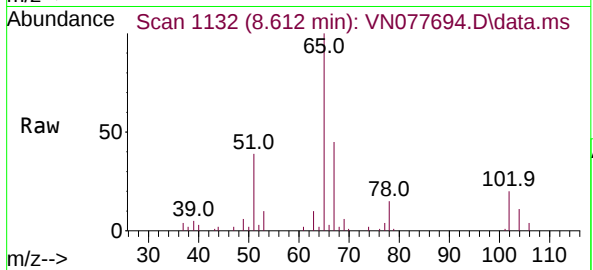




#40
Benzene
Concen: 0.484 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

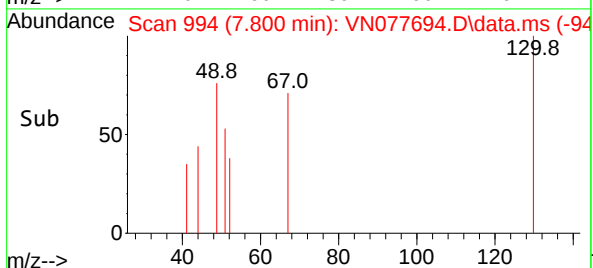
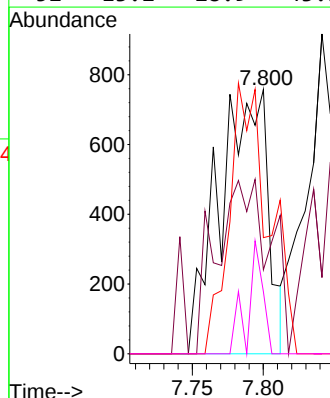
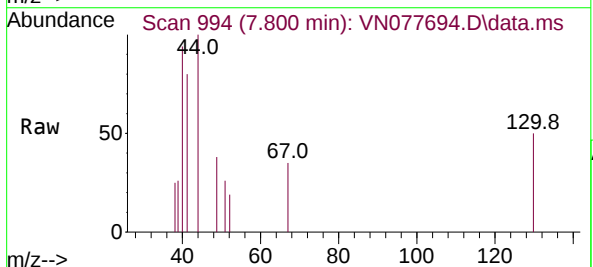
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

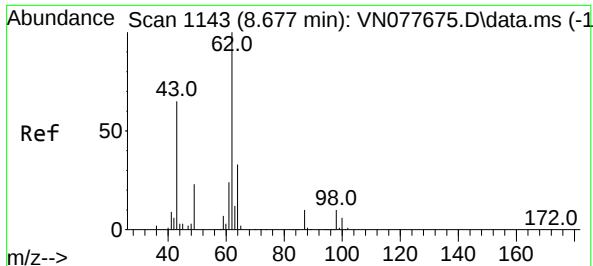
Tgt Ion: 78 Resp: 8749
Ion Ratio Lower Upper
78 100
77 27.5 19.0 28.6



#41
Methacrylonitrile
Concen: 0.624 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.018 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 41 Resp: 1813
Ion Ratio Lower Upper
41 100
39 72.4 42.6 64.0#
67 81.5 77.5 116.3
52 13.2 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.662 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

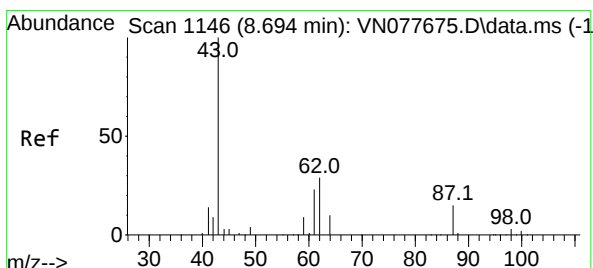
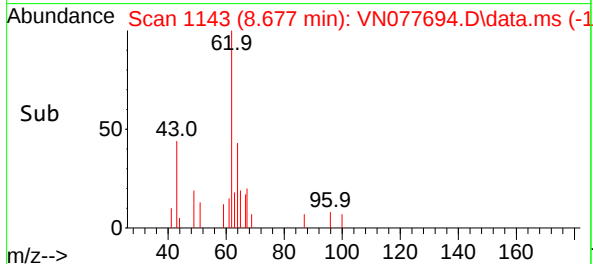
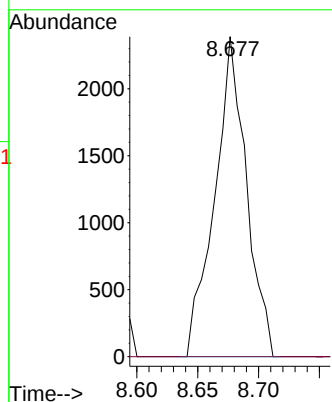
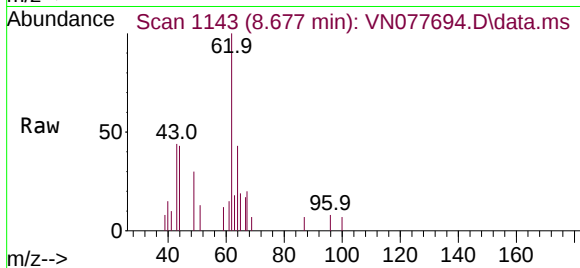
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 62 Resp: 4346

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.511 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

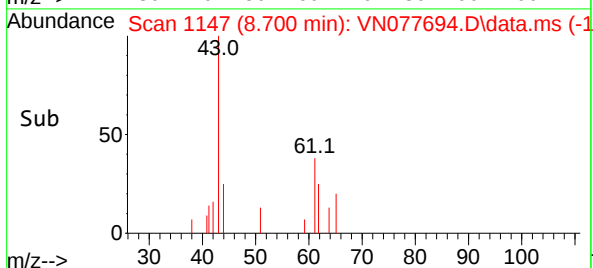
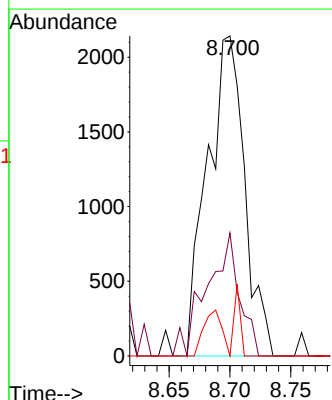
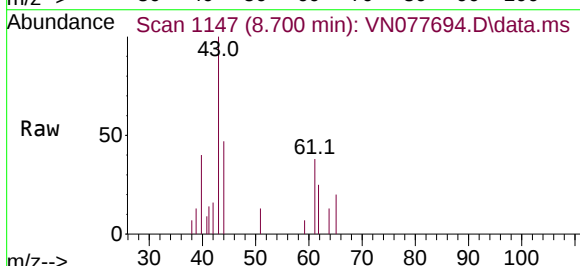
Tgt Ion: 43 Resp: 4556

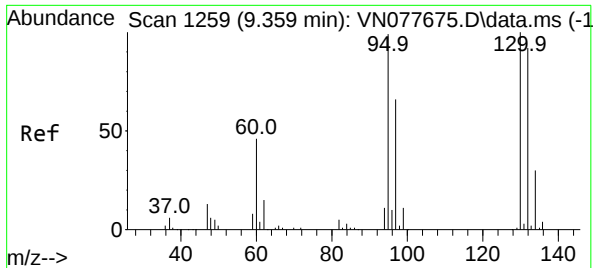
Ion Ratio Lower Upper

43 100

61 33.8 24.7 37.1

87 3.7 14.6 21.8#

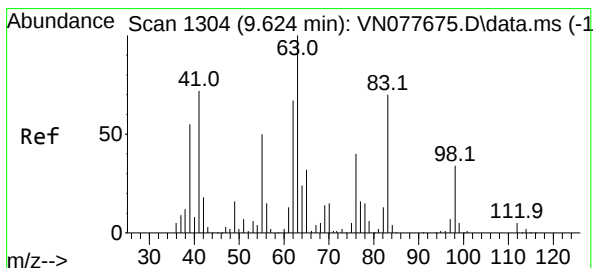
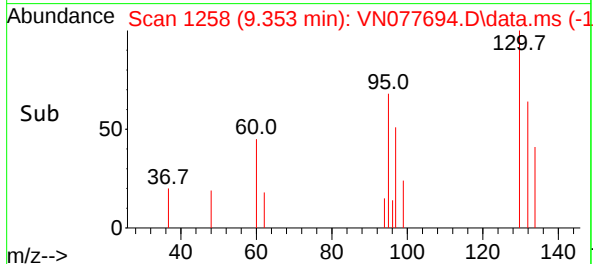
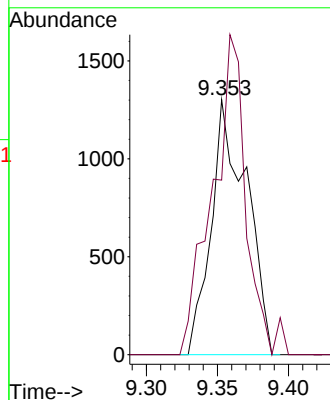
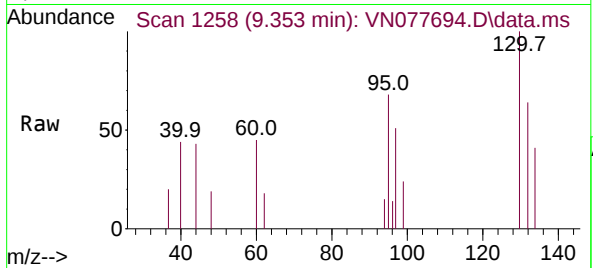




#44
Trichloroethene
Concen: 0.495 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

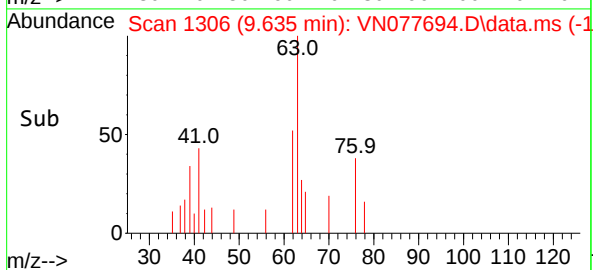
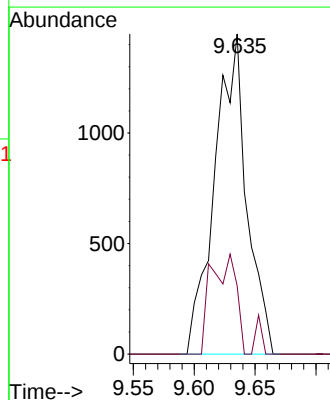
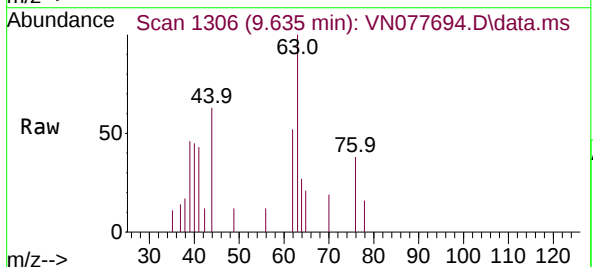
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

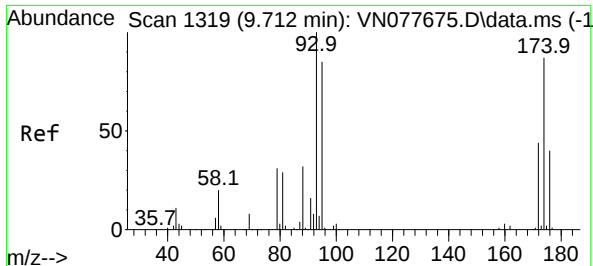
Tgt Ion:130 Resp: 2263
Ion Ratio Lower Upper
130 100
95 68.4 0.0 204.6



#45
1,2-Dichloropropane
Concen: 0.576 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.011 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 63 Resp: 2656
Ion Ratio Lower Upper
63 100
65 21.3 23.9 35.9#

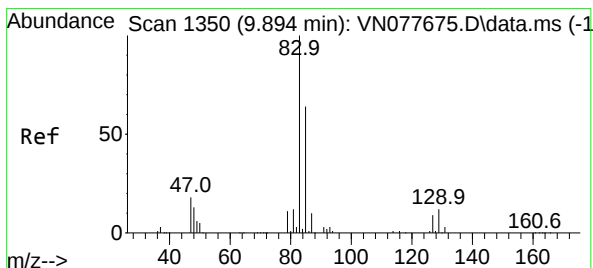
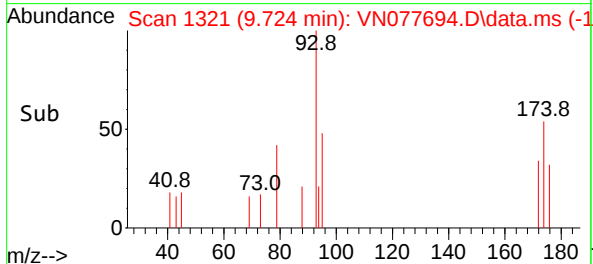
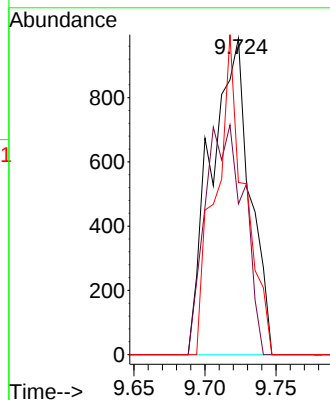
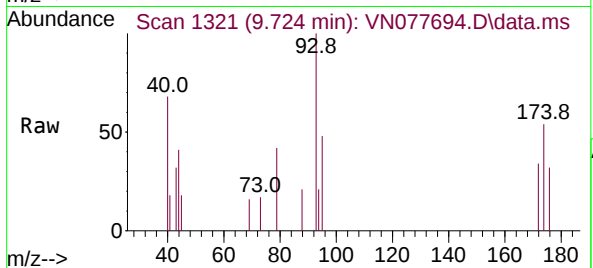




#46
Dibromomethane
Concen: 0.570 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

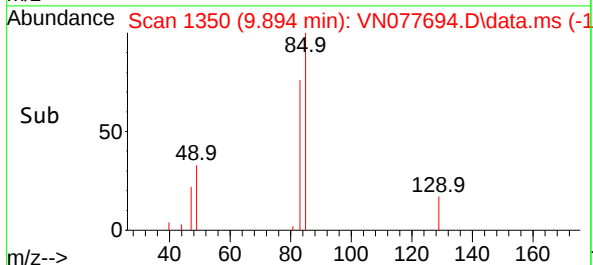
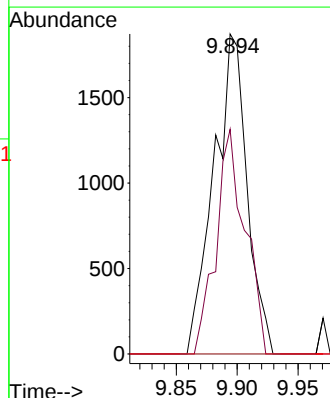
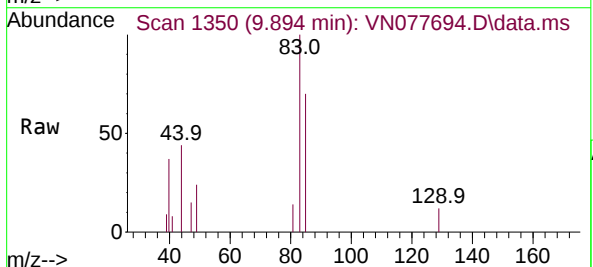
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

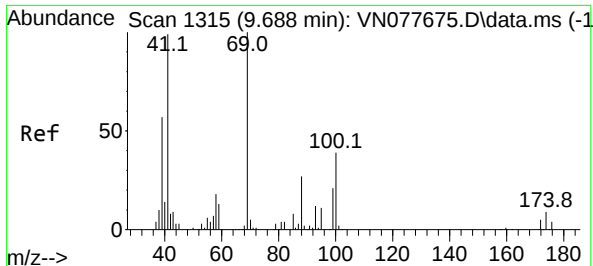
Tgt Ion: 93 Resp: 1881
Ion Ratio Lower Upper
93 100
95 72.9 63.8 95.8
174 75.0 65.6 98.4



#47
Bromodichloromethane
Concen: 0.562 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 83 Resp: 3551
Ion Ratio Lower Upper
83 100
85 70.2 49.6 74.4
127 0.0 7.0 10.6





#48

Methyl methacrylate

Concen: 0.497 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

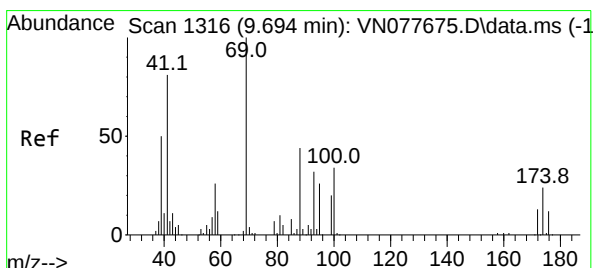
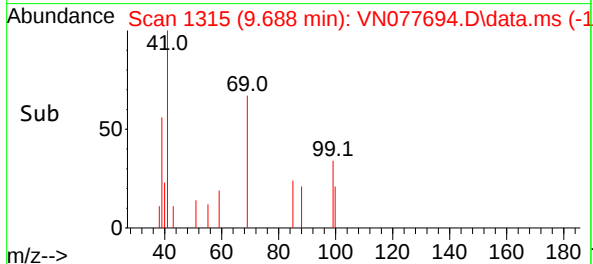
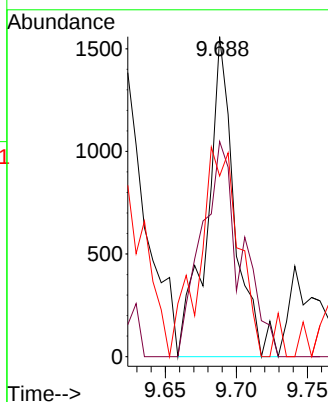
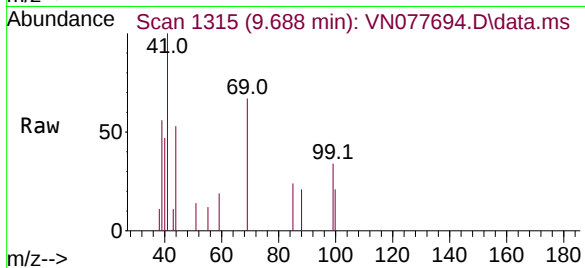
Tgt Ion: 41 Resp: 2100

Ion Ratio Lower Upper

41 100

69 96.0 90.4 135.6

39 93.0 54.6 81.8#



#49

1,4-Dioxane

Concen: 3.432 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

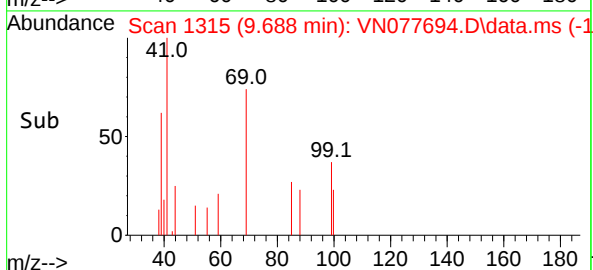
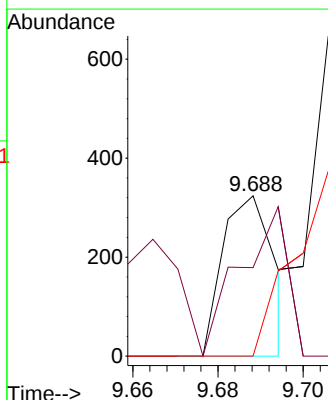
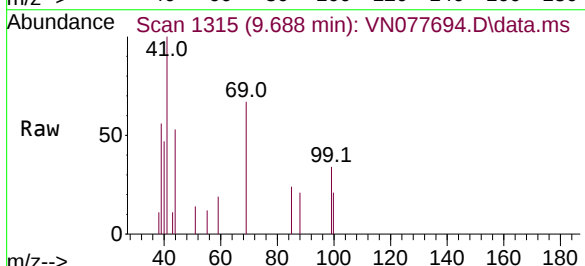
Tgt Ion: 88 Resp: 274

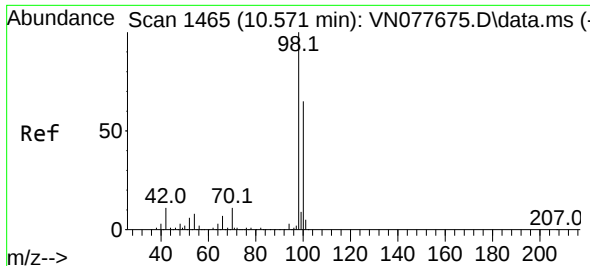
Ion Ratio Lower Upper

88 100

43 85.0 17.0 25.6#

58 0.0 47.0 70.4#

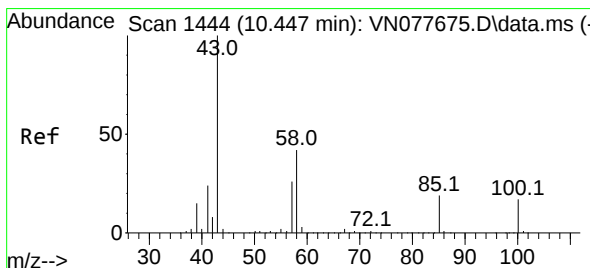
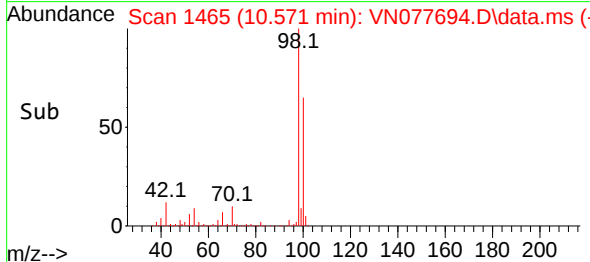
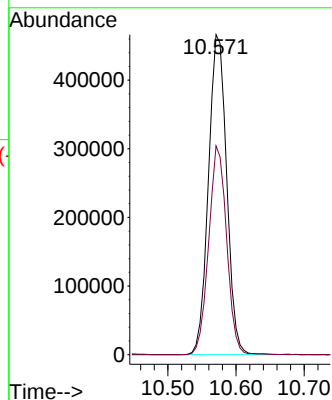
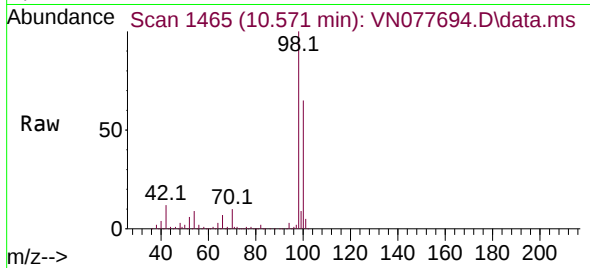




#50
Toluene-d8
Concen: 53.798 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

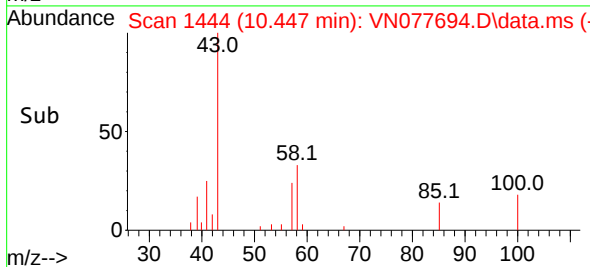
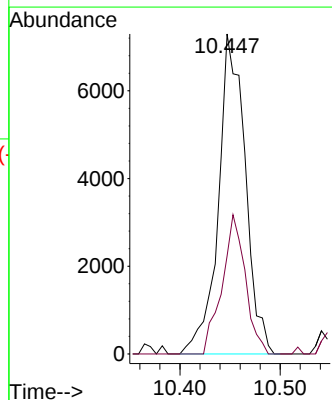
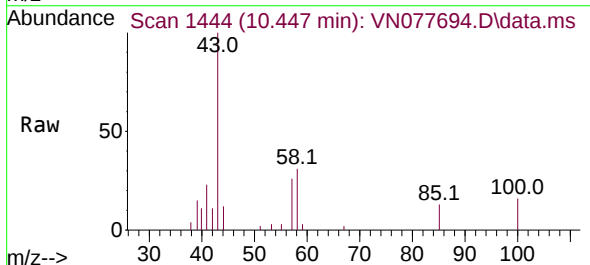
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

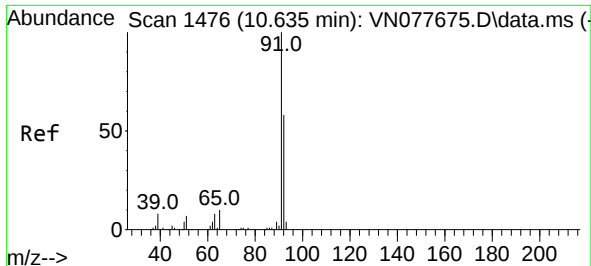
Tgt Ion: 98 Resp: 866865
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.560 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 43 Resp: 13567
Ion Ratio Lower Upper
43 100
58 37.6 36.6 54.8

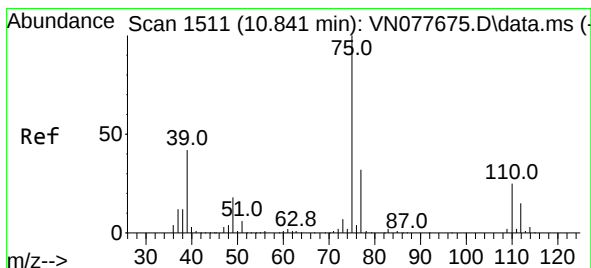
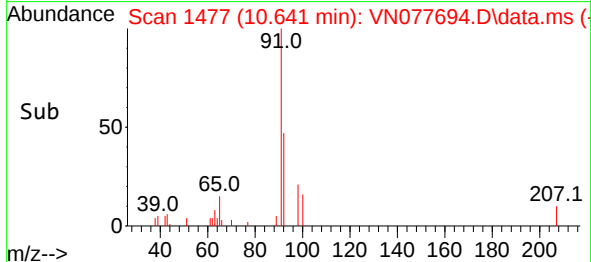
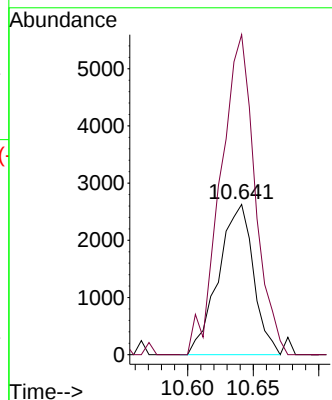
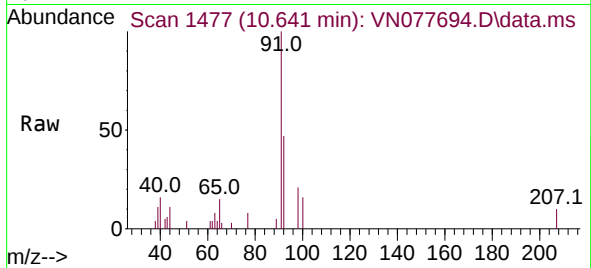




#52
Toluene
Concen: 0.433 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

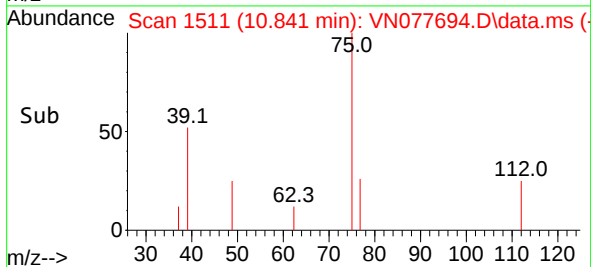
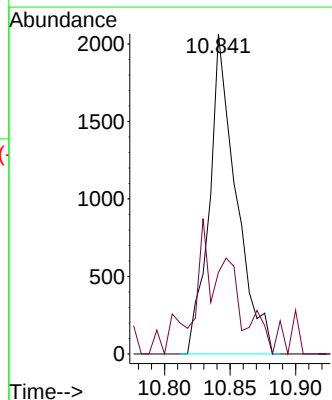
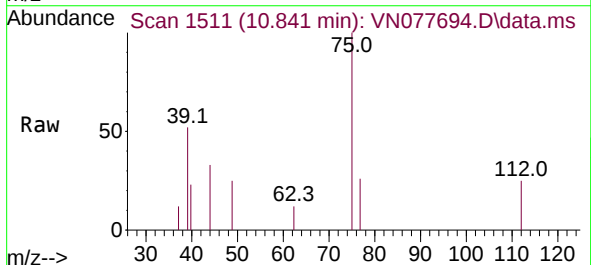
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

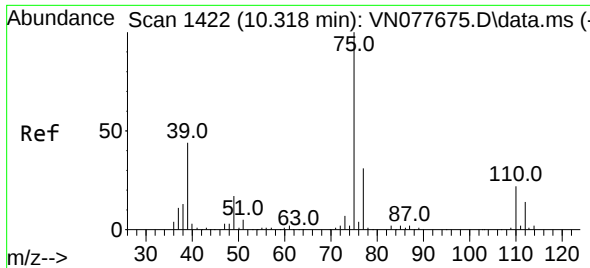
Tgt Ion: 92 Resp: 4866
Ion Ratio Lower Upper
92 100
91 210.5 137.4 206.0#



#53
t-1,3-Dichloropropene
Concen: 0.440 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 75 Resp: 2943
Ion Ratio Lower Upper
75 100
77 15.8 25.4 38.0#

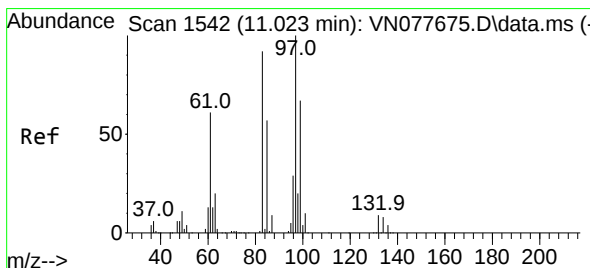
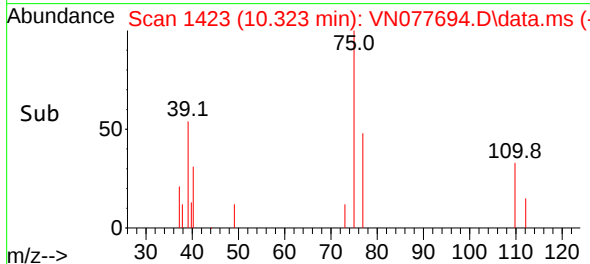
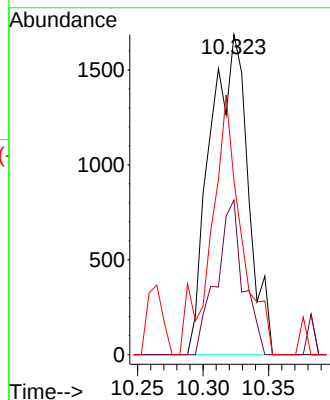
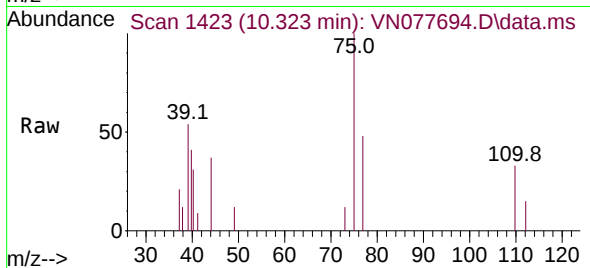




#54
cis-1,3-Dichloropropene
Concen: 0.463 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

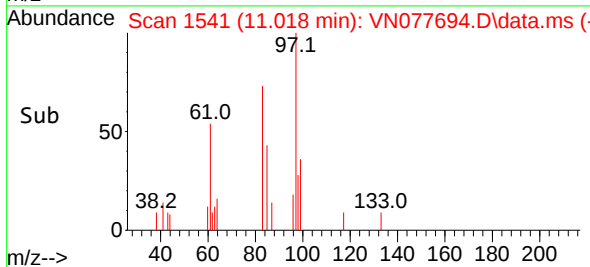
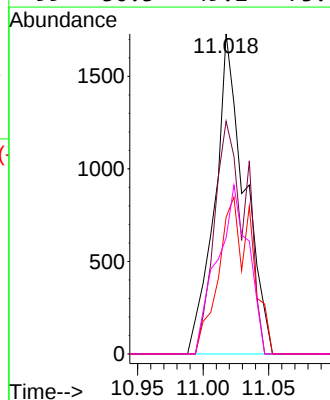
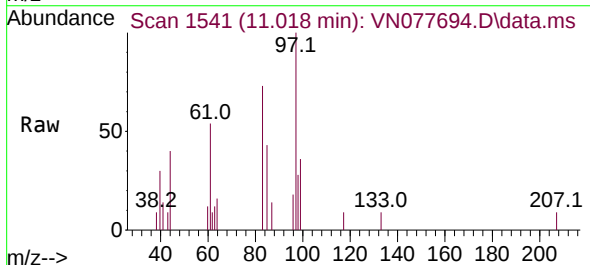
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

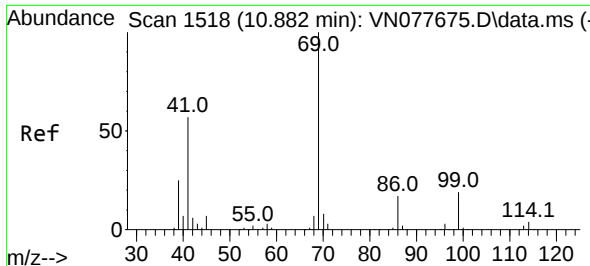
Tgt Ion: 75 Resp: 3413
Ion Ratio Lower Upper
75 100
77 48.3 26.1 39.1#
39 54.3 31.6 47.4#



#55
1,1,2-Trichloroethane
Concen: 0.612 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.005 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 97 Resp: 2734
Ion Ratio Lower Upper
97 100
83 72.8 65.1 97.7
85 42.7 43.4 65.2#
99 36.3 49.2 73.8#

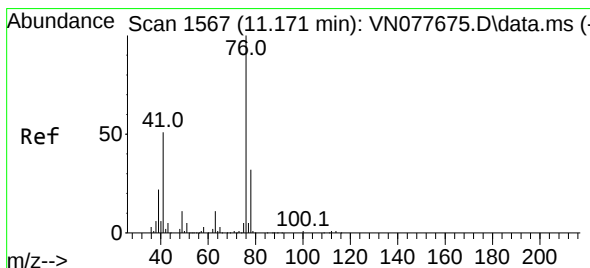
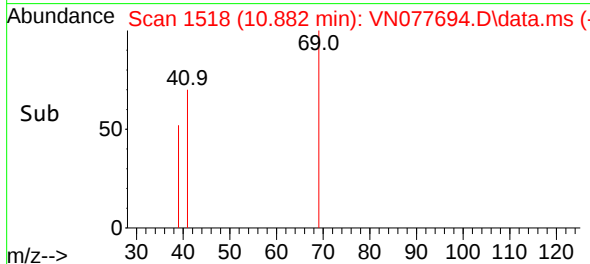
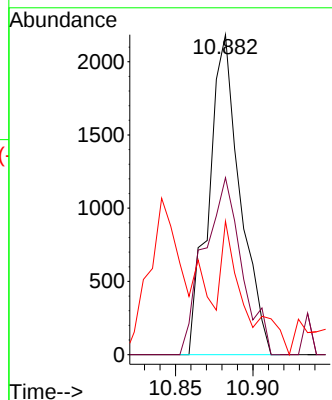
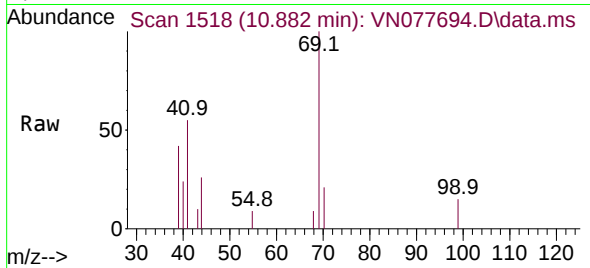




#56
Ethyl methacrylate
Concen: 0.454 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

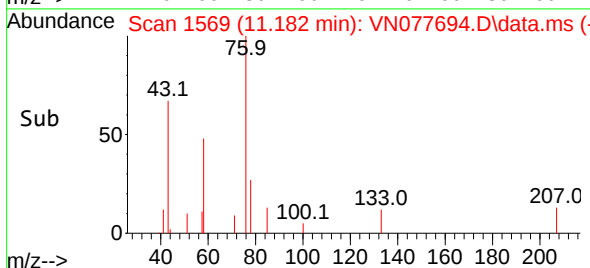
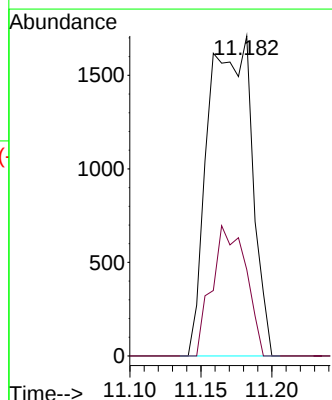
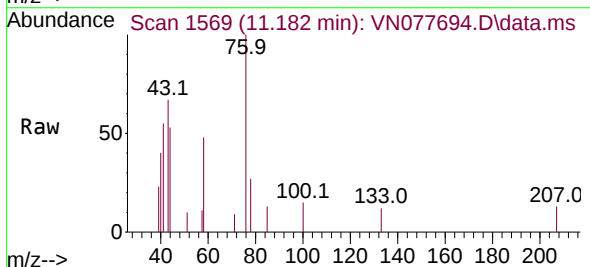
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

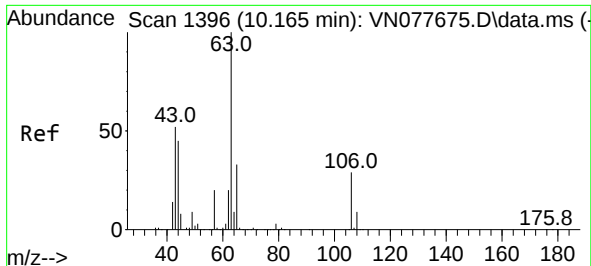
Tgt Ion: 69 Resp: 3069
Ion Ratio Lower Upper
69 100
41 66.7 39.6 59.4#
39 30.7 28.6 43.0



#57
1,3-Dichloropropane
Concen: 0.476 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.011 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 76 Resp: 3644
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

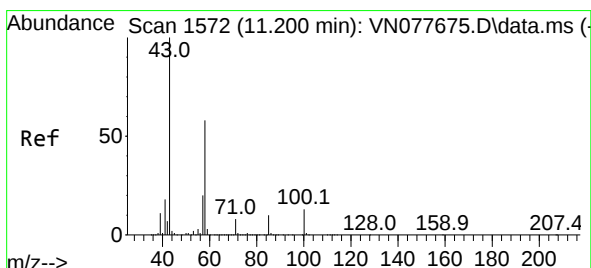
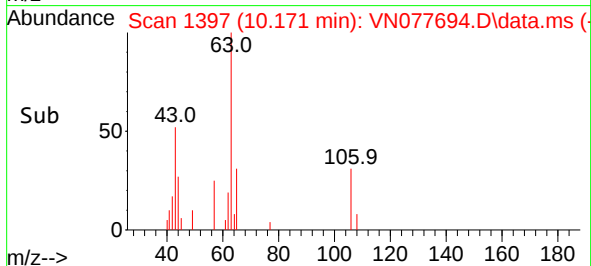
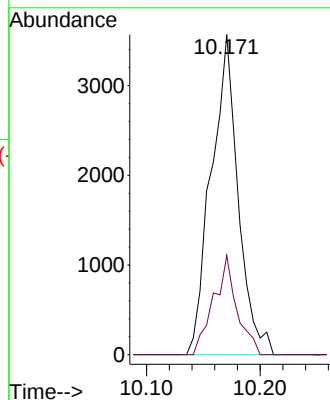
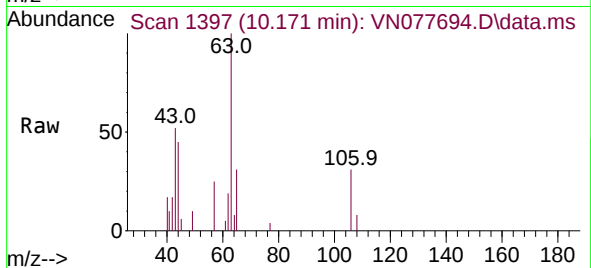




#58
2-Chloroethyl Vinyl ether
Concen: 1.775 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

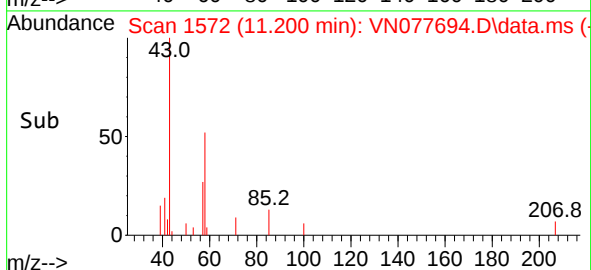
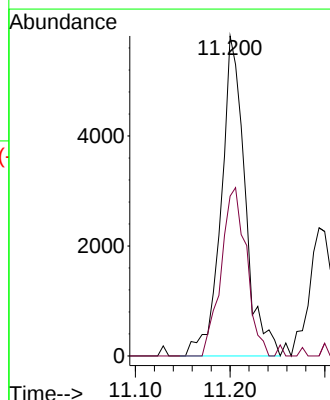
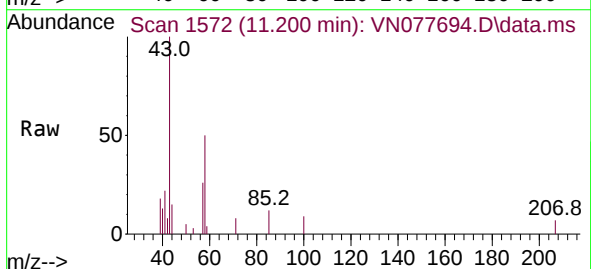
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

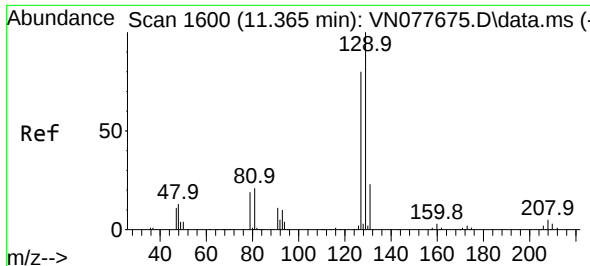
Tgt Ion: 63 Resp: 5897
Ion Ratio Lower Upper
63 100
106 26.7 26.2 39.4



#59
2-Hexanone
Concen: 2.611 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 43 Resp: 10235
Ion Ratio Lower Upper
43 100
58 55.6 31.7 95.1

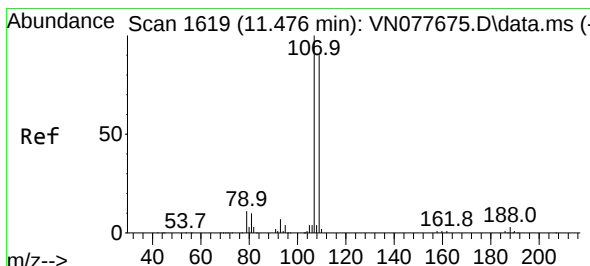
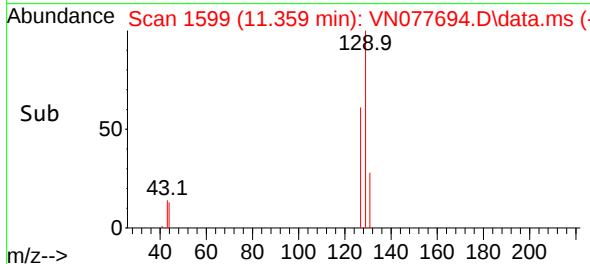
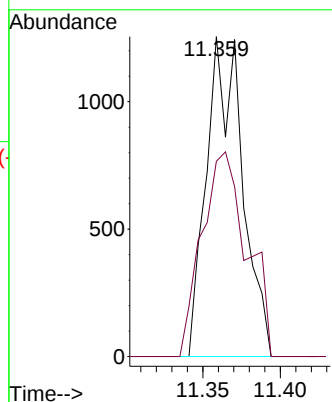
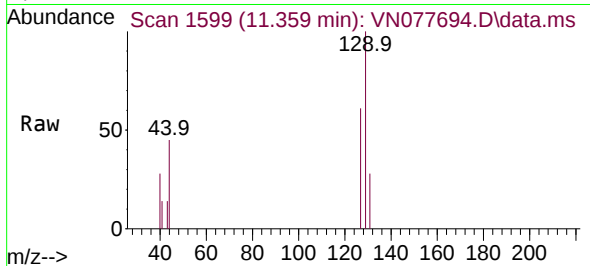




#60
Dibromochloromethane
Concen: 0.437 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

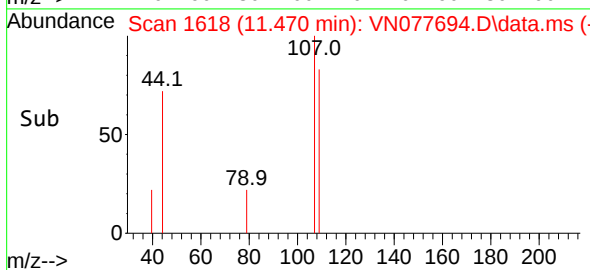
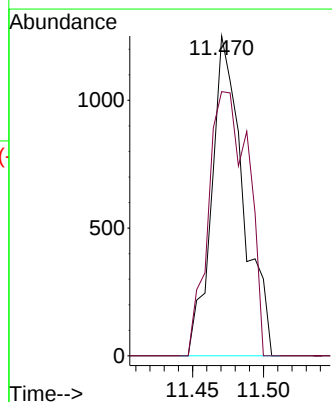
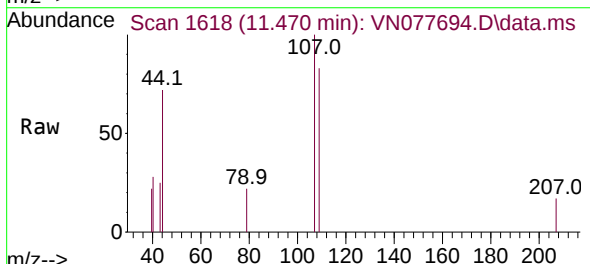
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

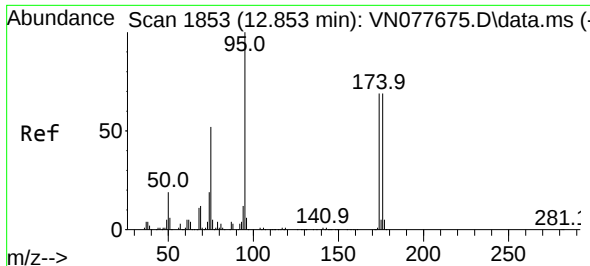
Tgt Ion:129 Resp: 2014
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.431 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:107 Resp: 1921
Ion Ratio Lower Upper
107 100
109 105.1 76.6 114.8

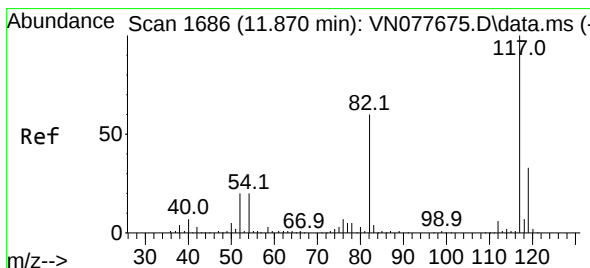
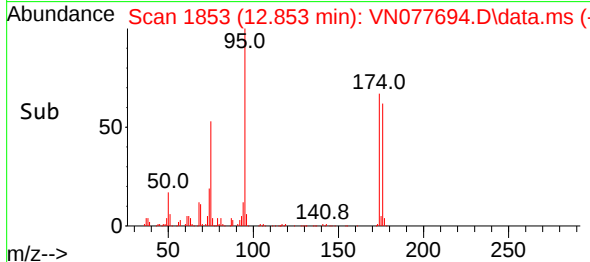
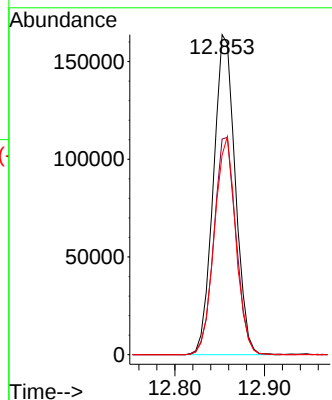
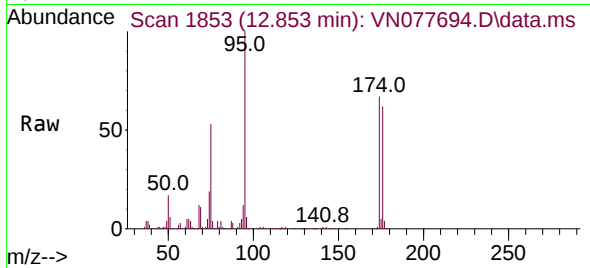




#62
4-Bromofluorobenzene
Concen: 48.662 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

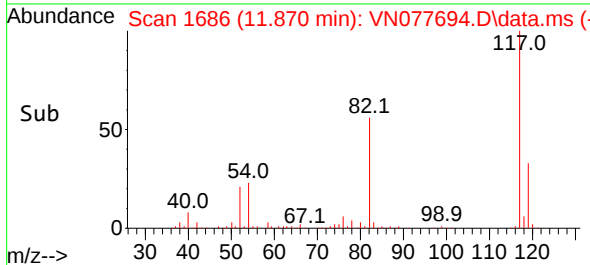
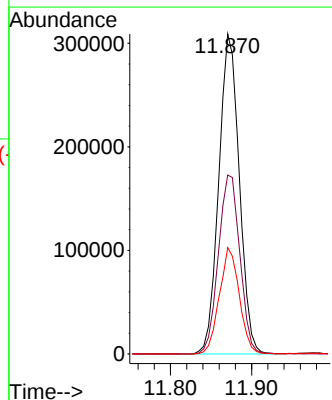
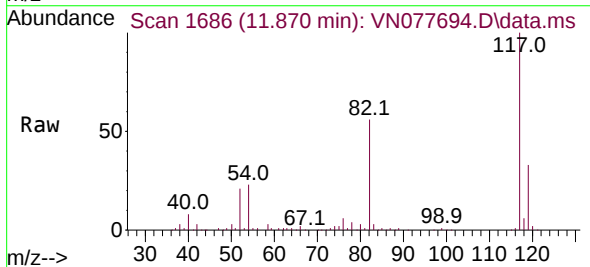
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

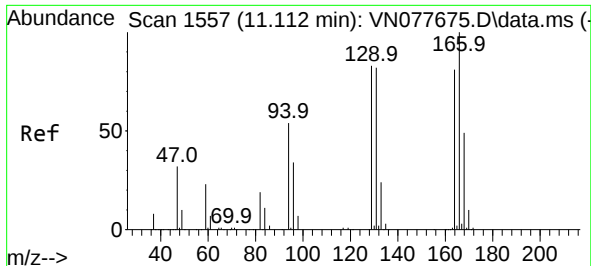
Tgt Ion: 95 Resp: 276930
Ion Ratio Lower Upper
95 100
174 68.7 0.0 143.8
176 67.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 117 Resp: 542497
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 33.2 25.6 38.4

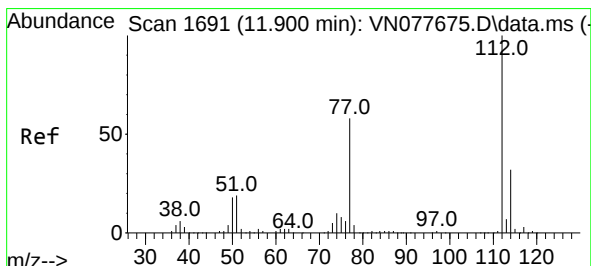
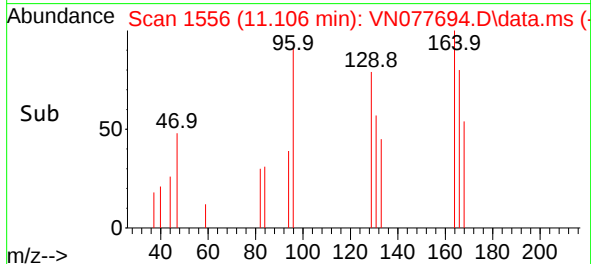
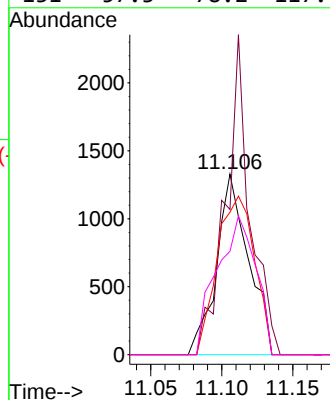
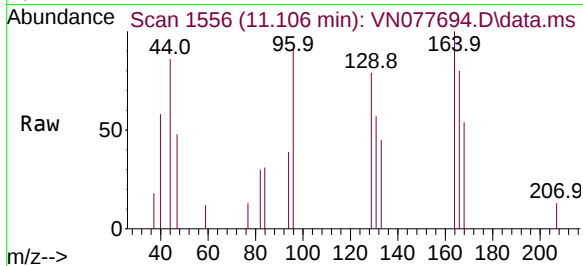




#64
Tetrachloroethene
Concen: 0.547 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

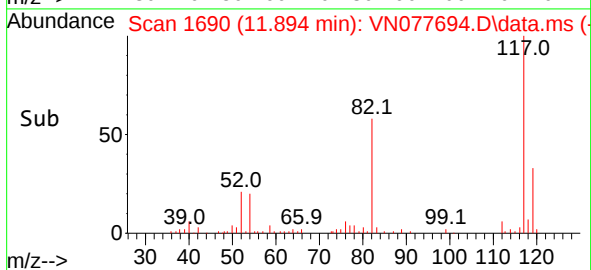
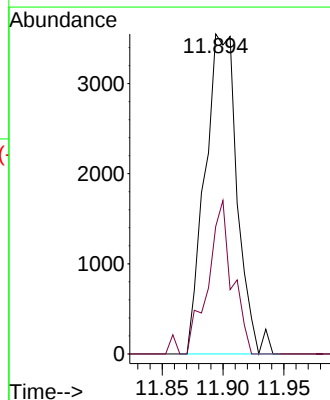
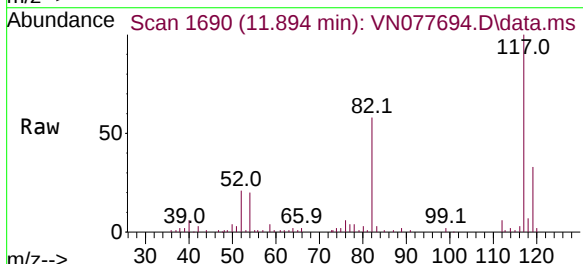
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

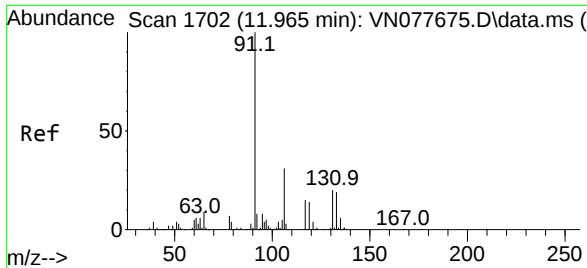
Tgt Ion:164	Resp:	2077
Ion Ratio	Lower	Upper
164	100	
166	80.5	101.4 152.0#
129	78.9	82.4 123.6#
131	57.3	78.2 117.4#



#65
Chlorobenzene
Concen: 0.554 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:112	Resp:	6520
Ion Ratio	Lower	Upper
112	100	
114	39.8	25.0 37.4#

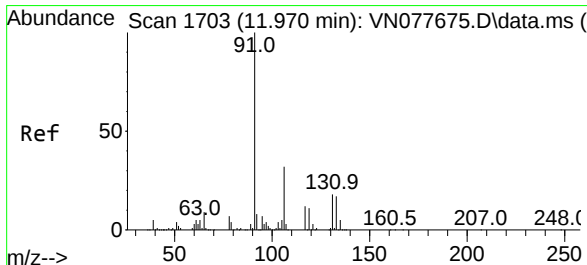
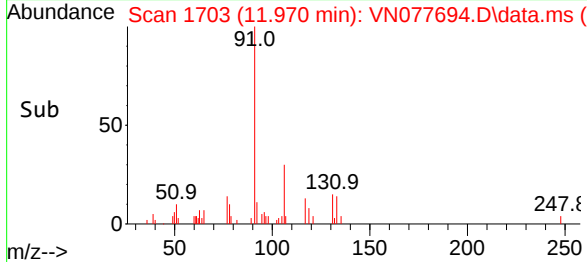
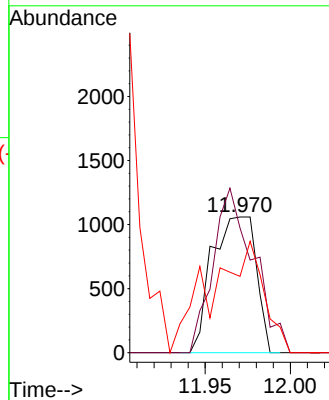
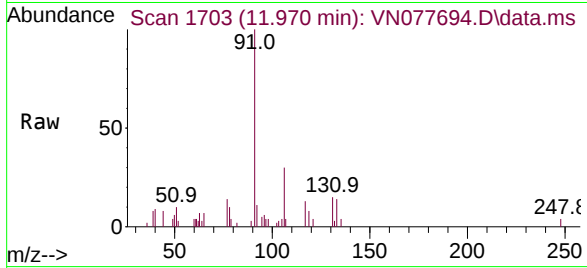




#66
1,1,1,2-Tetrachloroethane
Concen: 0.470 ug/l
RT: 11.970 min Scan# 1702
Delta R.T. 0.005 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

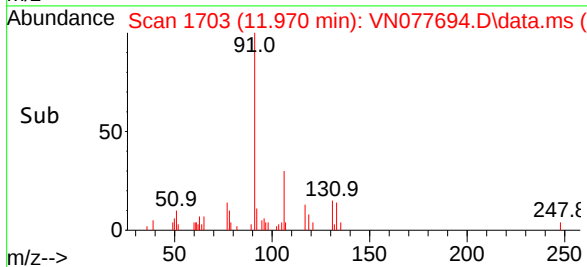
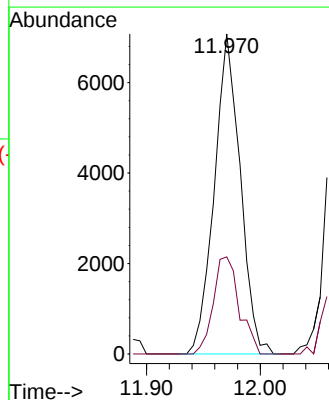
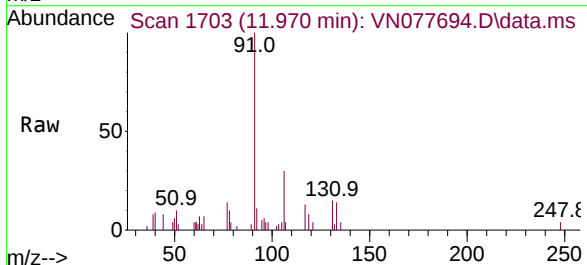
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

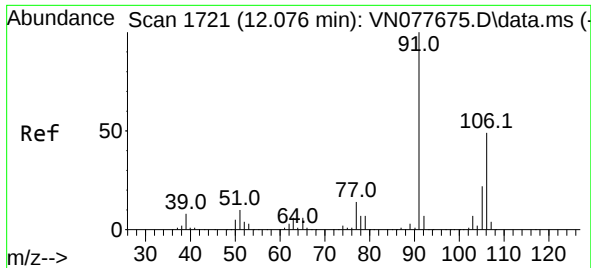
Tgt Ion:131 Resp: 1912
Ion Ratio Lower Upper
131 100
133 111.5 46.4 139.1
119 0.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 0.532 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 91 Resp: 11219
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

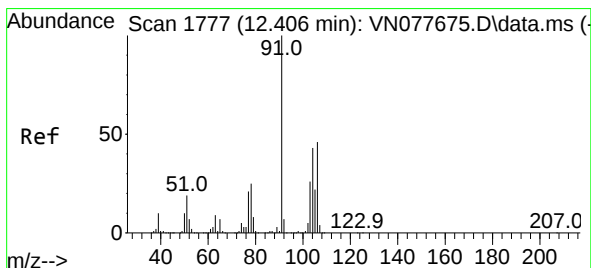
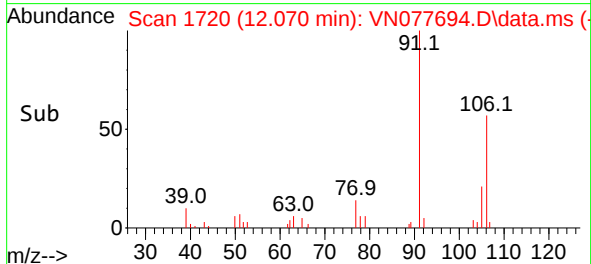
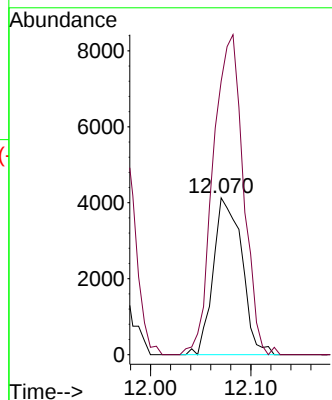
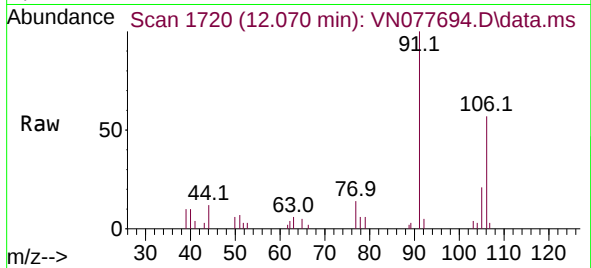




#68
m/p-Xylenes
Concen: 1.025 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

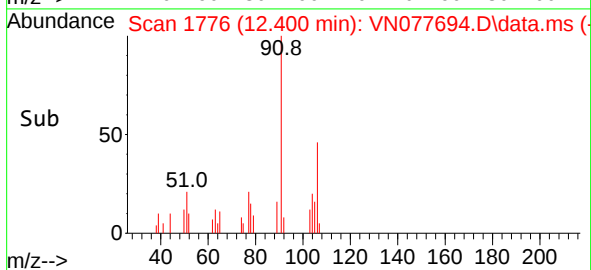
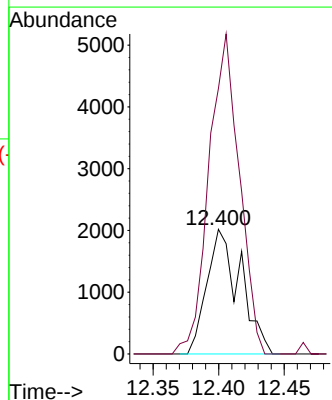
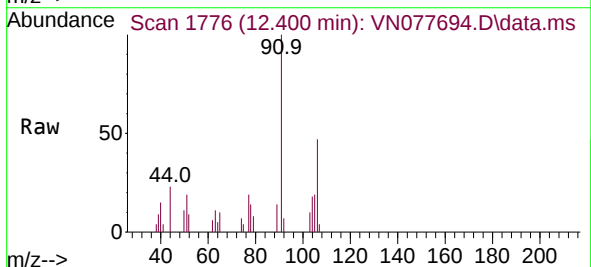
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

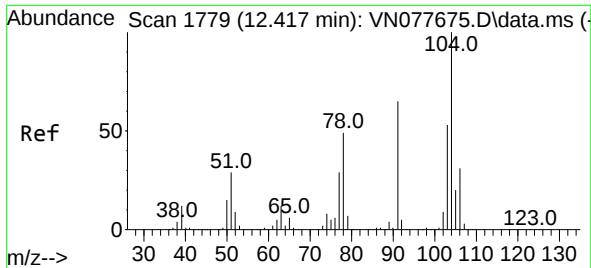
Tgt Ion:106 Resp: 8188
Ion Ratio Lower Upper
106 100
91 215.4 159.6 239.4



#69
o-Xylene
Concen: 0.458 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:106 Resp: 3596
Ion Ratio Lower Upper
106 100
91 233.5 105.2 315.5

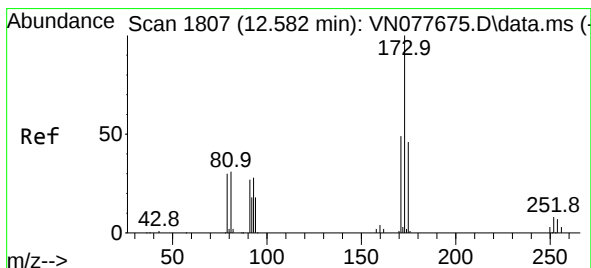
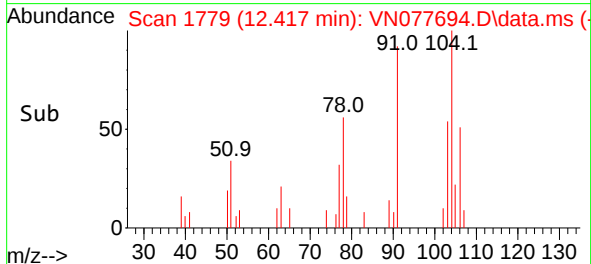
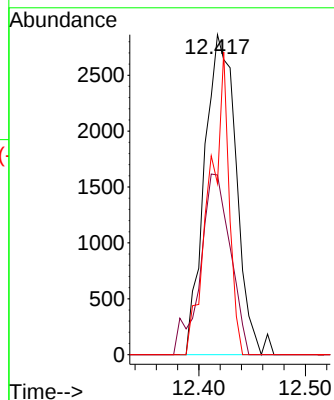
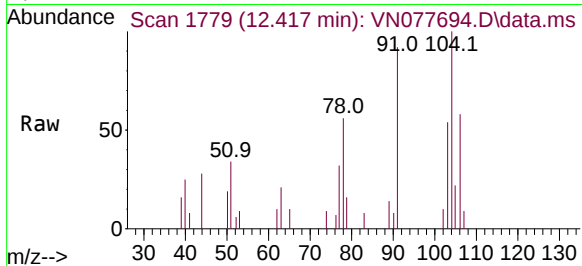




#70
Styrene
Concen: 0.474 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

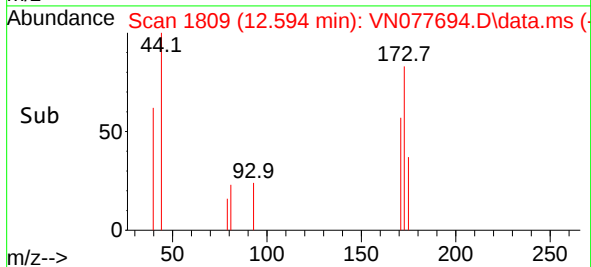
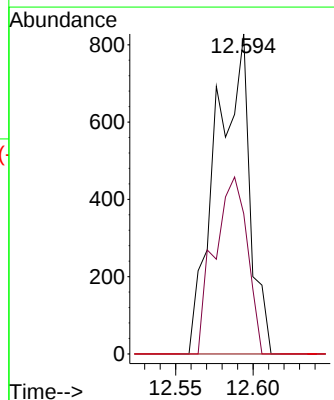
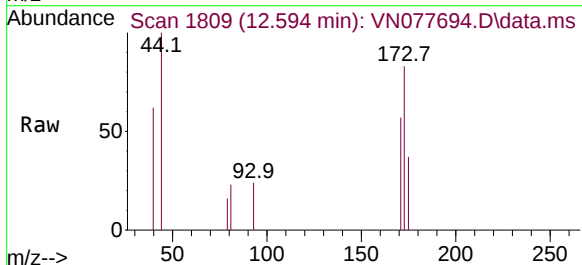
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

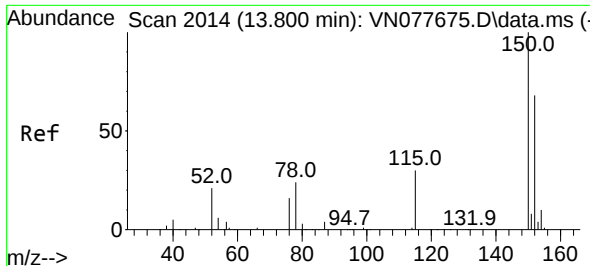
Tgt Ion:104 Resp: 5916
Ion Ratio Lower Upper
104 100
78 53.7 39.5 59.3
103 57.7 43.2 64.8



#71
Bromoform
Concen: 0.464 ug/l
RT: 12.594 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:173 Resp: 1257
Ion Ratio Lower Upper
173 100
175 53.6 24.3 73.0
254 0.0 0.0 0.0

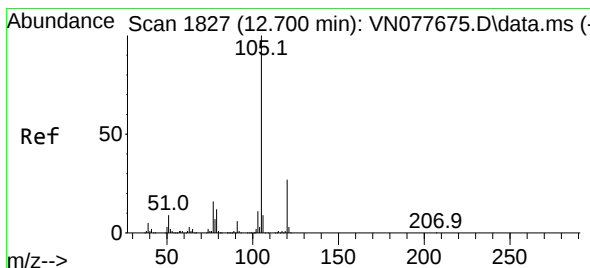
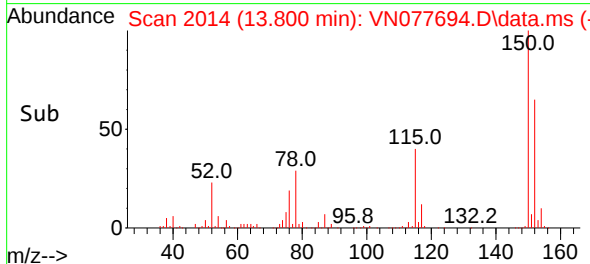
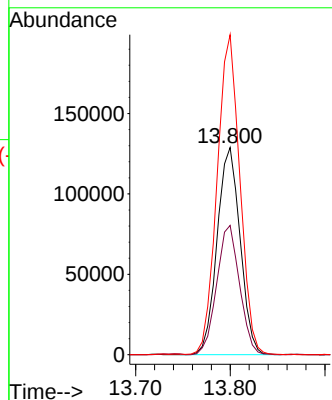
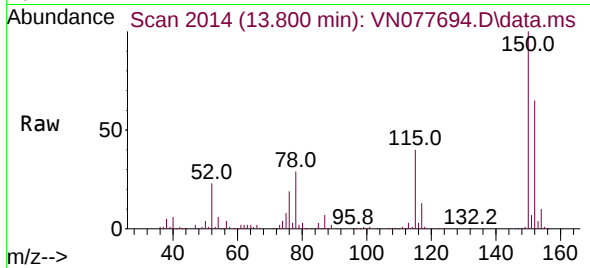




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077694.D
 Acq: 16 May 2023 15:51

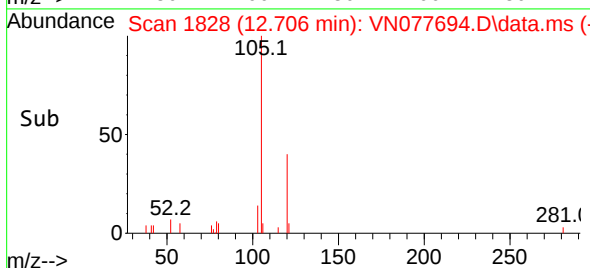
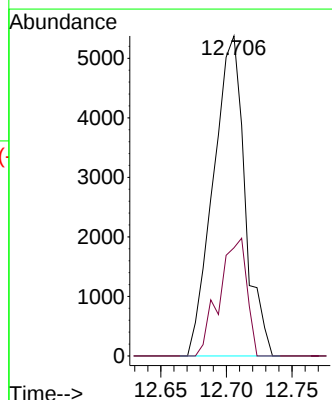
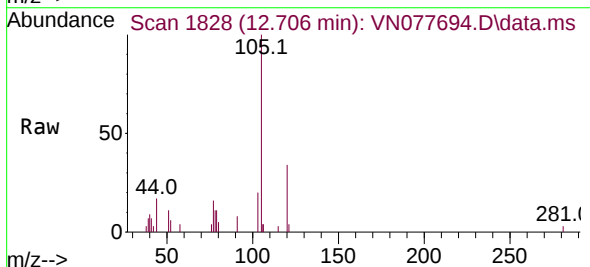
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

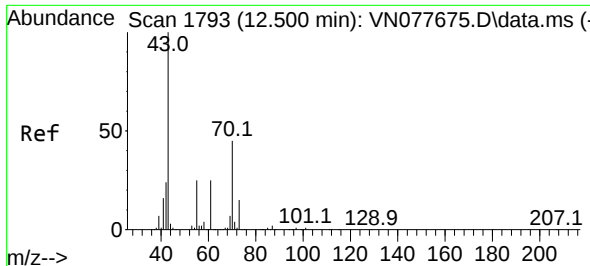
Tgt Ion:152 Resp: 217515
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 152.6 0.0 355.8



#73
 Isopropylbenzene
 Concen: 0.479 ug/l
 RT: 12.706 min Scan# 1828
 Delta R.T. 0.006 min
 Lab File: VN077694.D
 Acq: 16 May 2023 15:51

Tgt Ion:105 Resp: 8988
 Ion Ratio Lower Upper
 105 100
 120 32.0 13.1 39.1

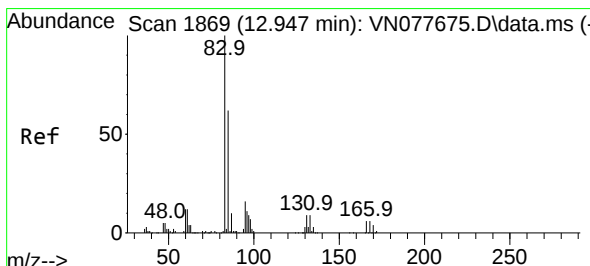
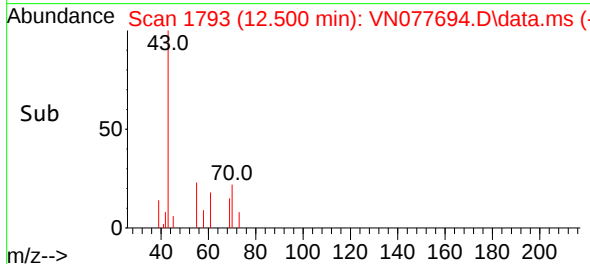
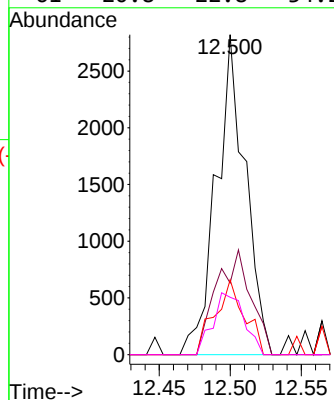
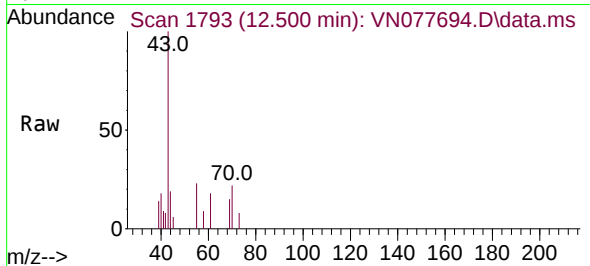




#74
N-amy1 acetate
Concen: 0.578 ug/l
RT: 12.500 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

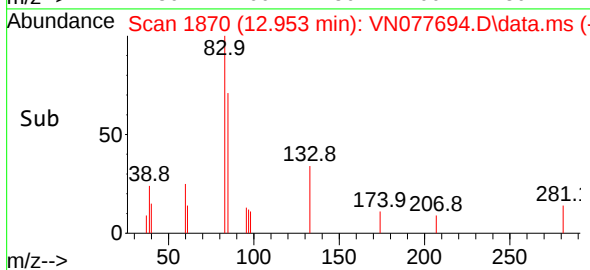
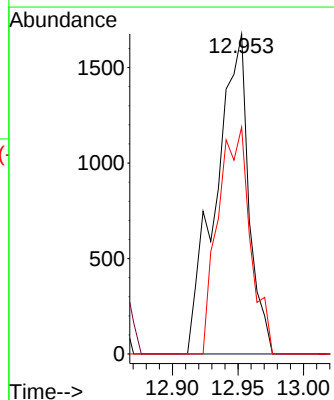
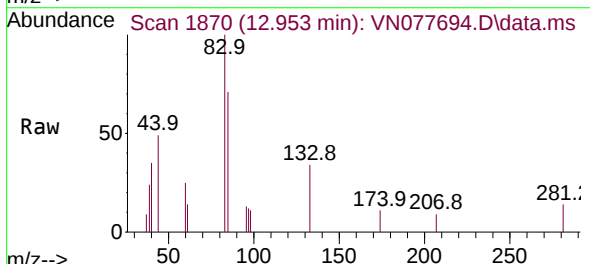
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

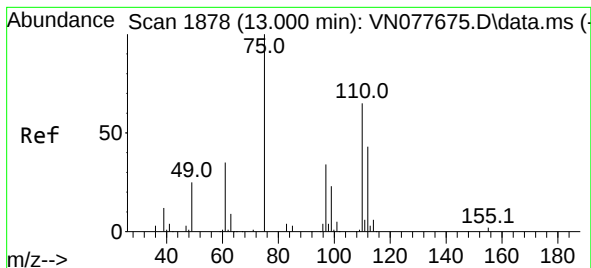
Tgt Ion: 43	Resp: 4003
Ion Ratio	Lower Upper
43 100	
70 38.9	43.4 65.2#
55 23.9	21.4 32.0
61 20.8	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.508 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 83	Resp: 2933
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 69.3	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 27.297 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

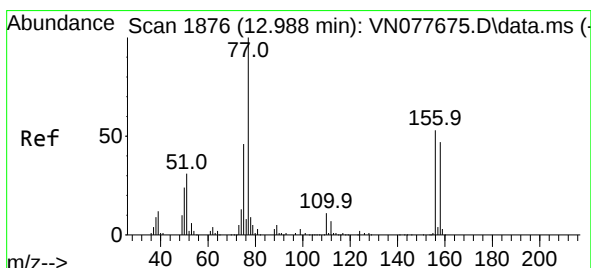
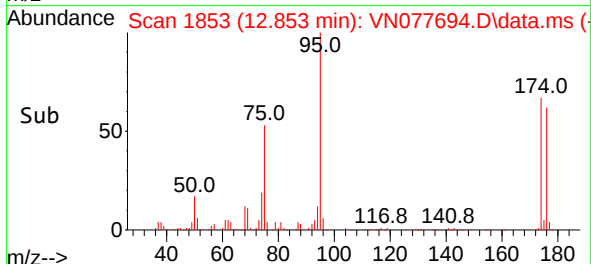
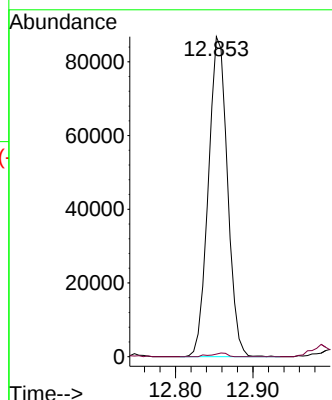
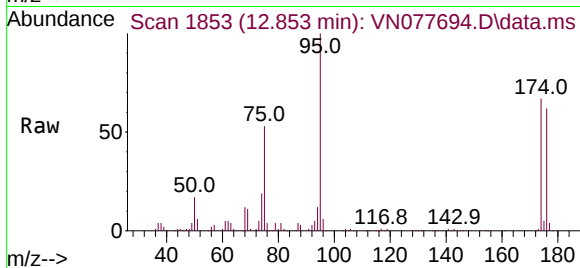
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 148696

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#77

Bromobenzene

Concen: 0.612 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

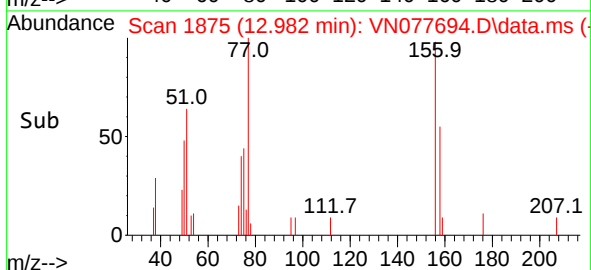
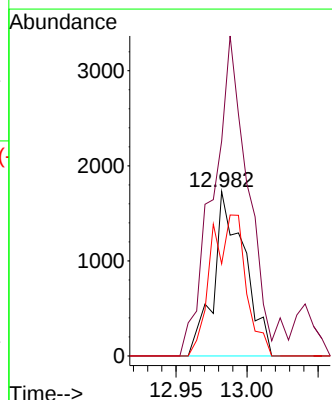
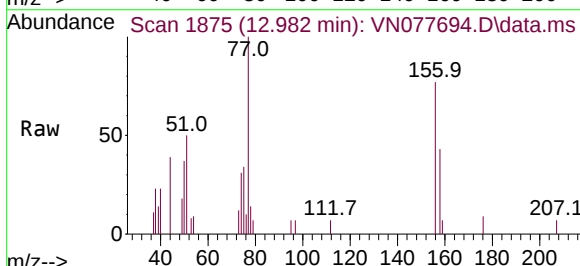
Tgt Ion:156 Resp: 2619

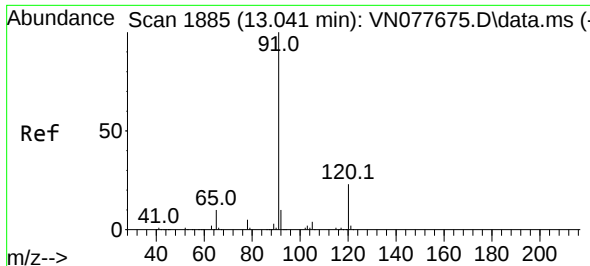
Ion Ratio Lower Upper

156 100

77 226.2 107.7 323.3

158 96.0 48.4 145.3

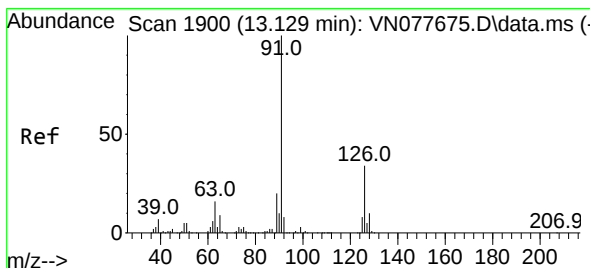
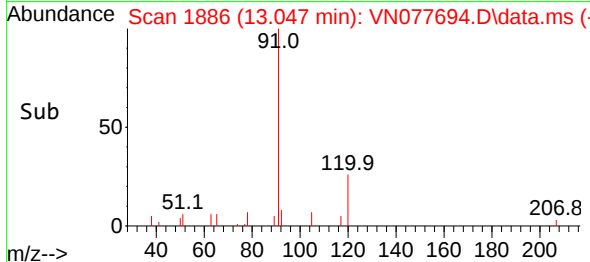
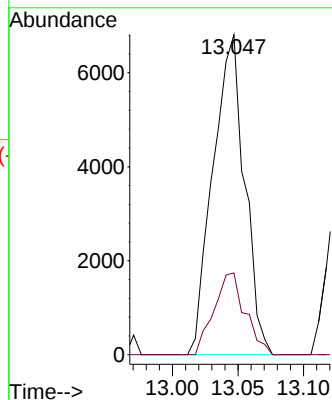
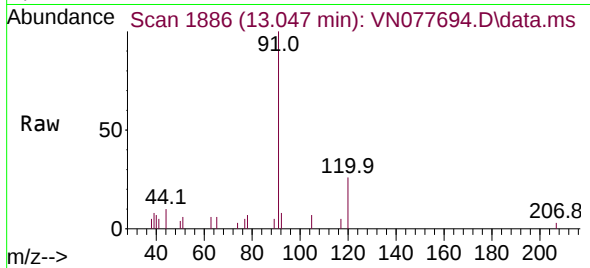




#78
n-propylbenzene
Concen: 0.517 ug/l
RT: 13.047 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

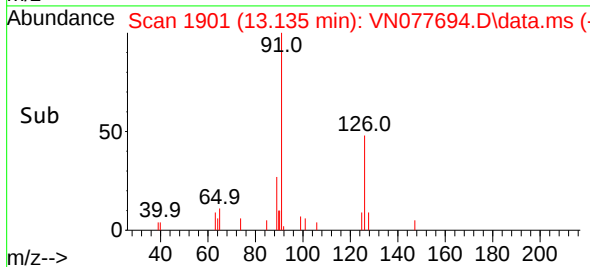
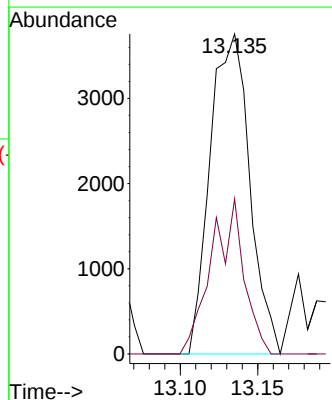
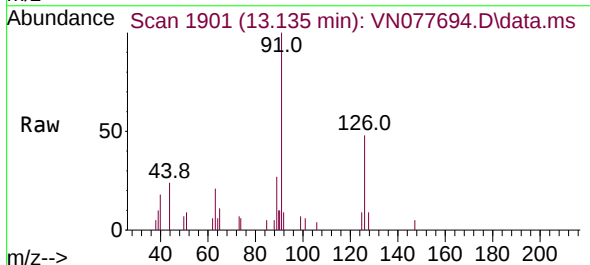
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

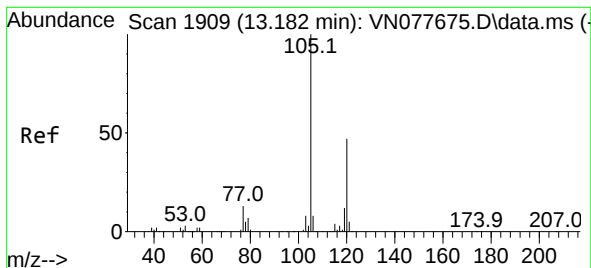
Tgt Ion: 91 Resp: 11432
Ion Ratio Lower Upper
91 100
120 25.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.505 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 91 Resp: 6666
Ion Ratio Lower Upper
91 100
126 39.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.490 ug/l

RT: 13.176 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

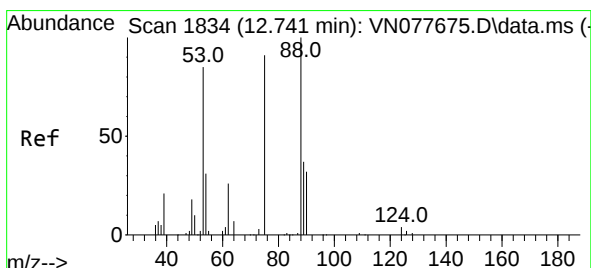
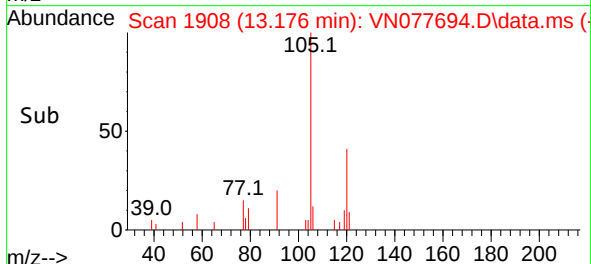
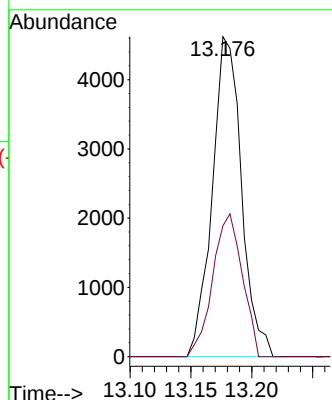
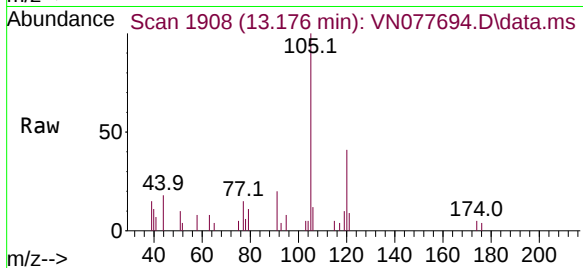
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 7725

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 87.255 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

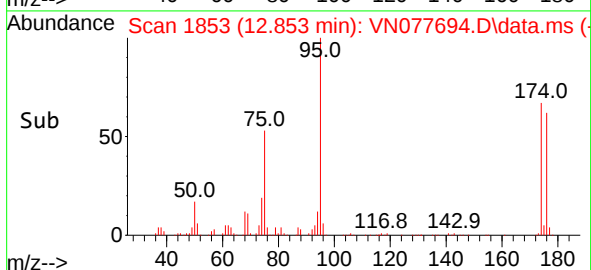
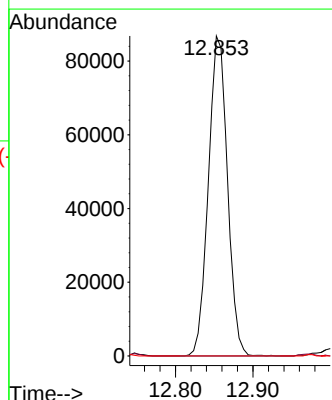
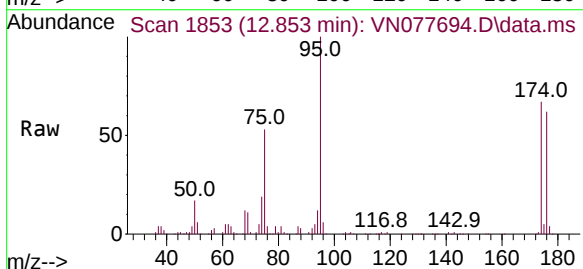
Tgt Ion: 75 Resp: 148696

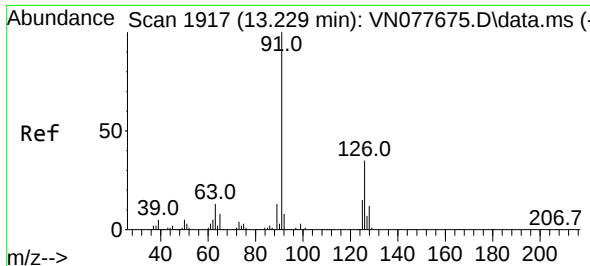
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

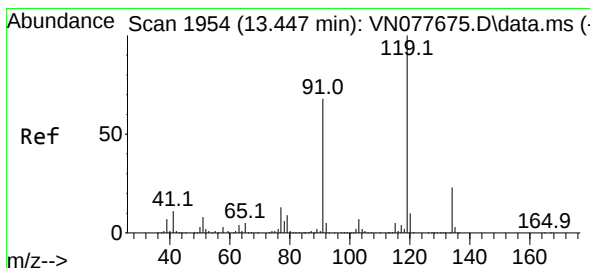
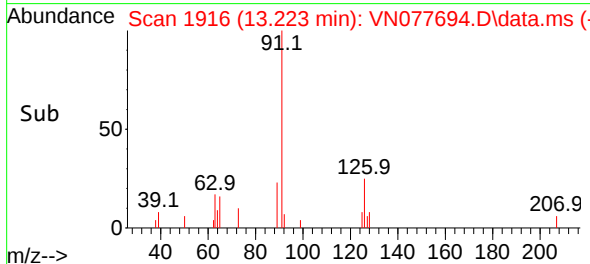
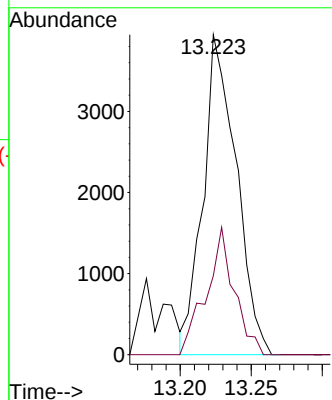
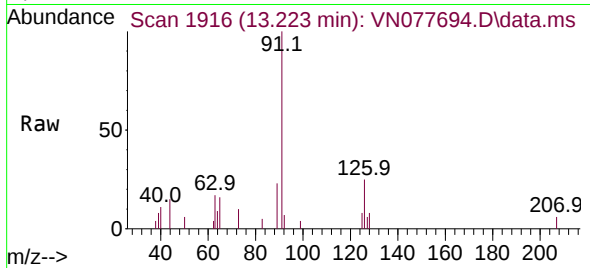




#82
4-Chlorotoluene
Concen: 0.487 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

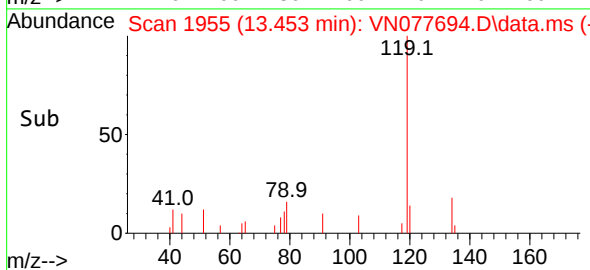
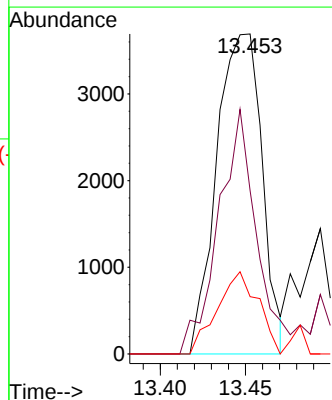
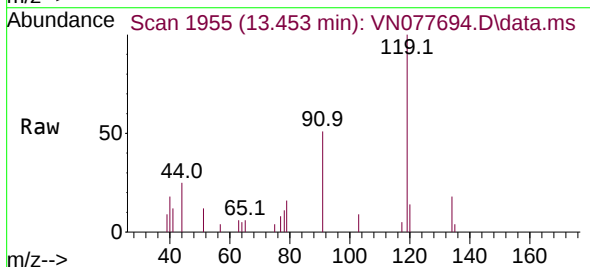
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

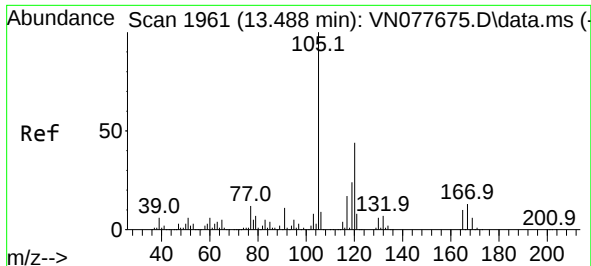
Tgt Ion: 91 Resp: 6394
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.498 ug/l
RT: 13.453 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 119 Resp: 6855
Ion Ratio Lower Upper
119 100
91 63.7 33.9 101.7
134 23.2 13.2 39.6

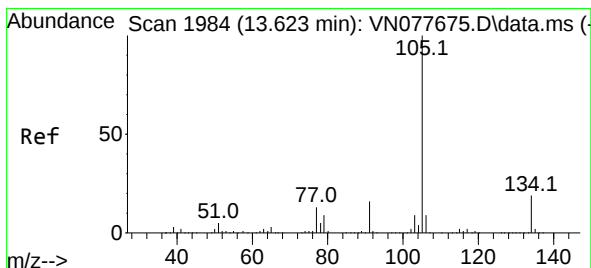
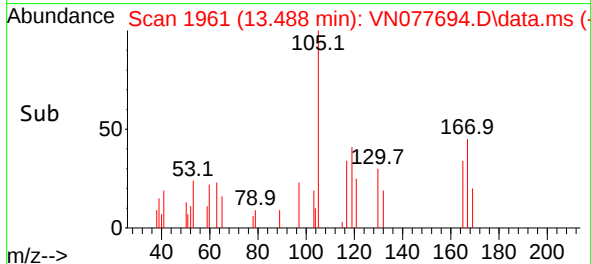
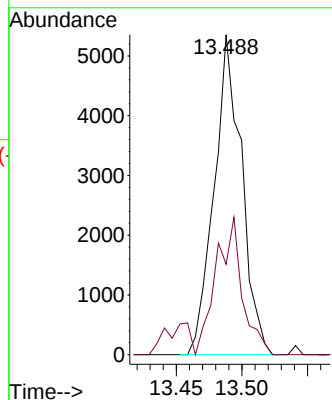
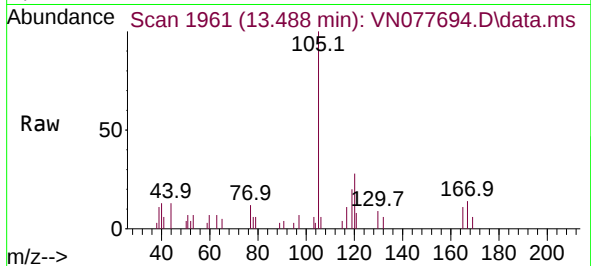




#84
1,2,4-Trimethylbenzene
Concen: 0.503 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

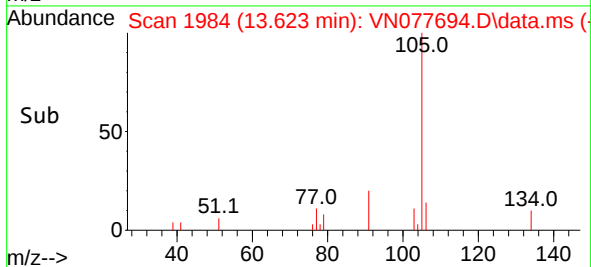
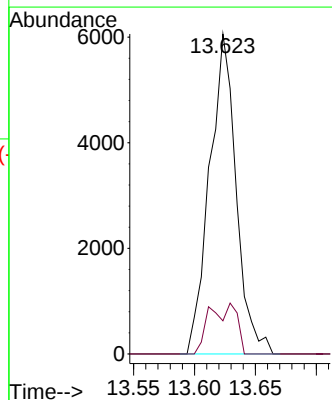
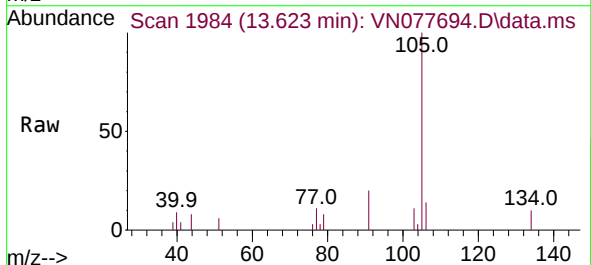
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

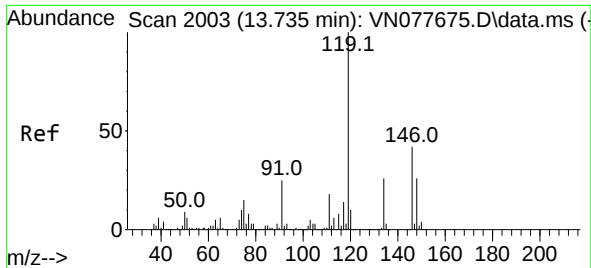
Tgt Ion:105 Resp: 7799
Ion Ratio Lower Upper
105 100
120 40.8 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.471 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:105 Resp: 9216
Ion Ratio Lower Upper
105 100
134 16.3 9.8 29.3

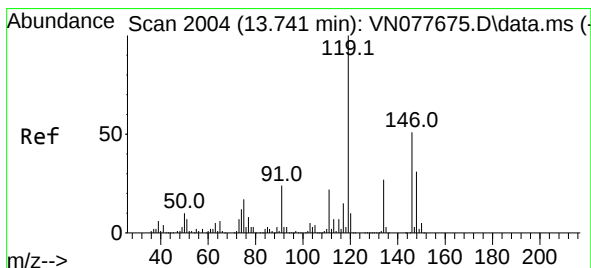
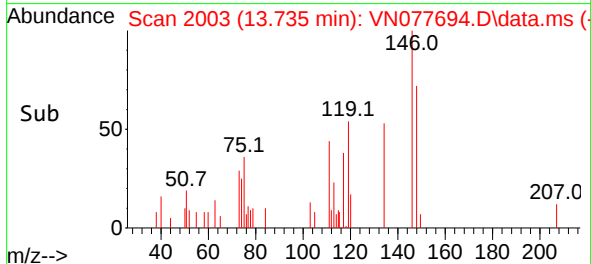
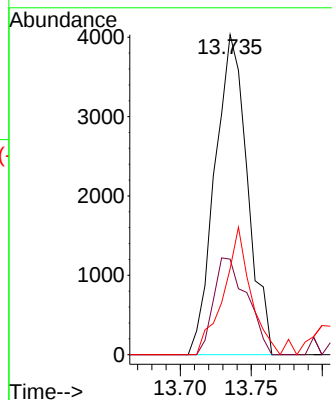
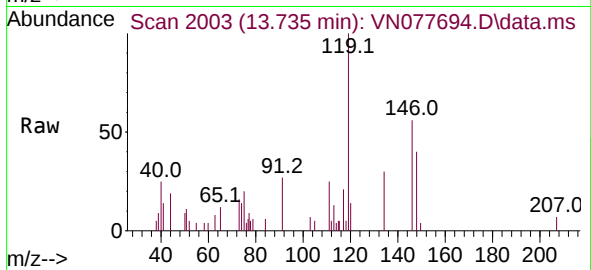




#86
p-Isopropyltoluene
Concen: 0.412 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

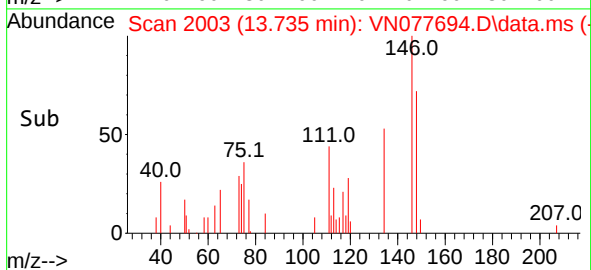
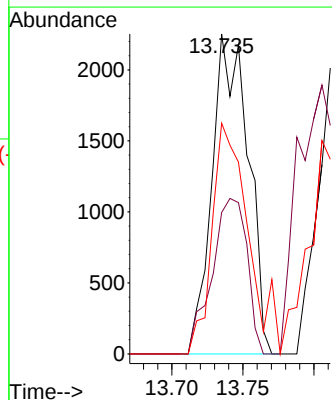
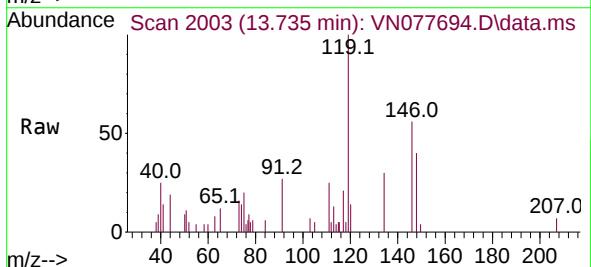
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

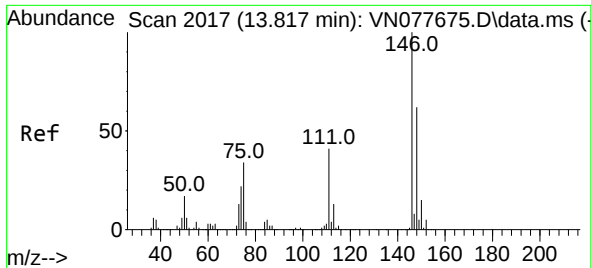
Tgt Ion:119 Resp: 6427
Ion Ratio Lower Upper
119 100
134 31.0 12.6 37.8
91 33.2 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.503 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:146 Resp: 3979
Ion Ratio Lower Upper
146 100
111 47.2 22.1 66.3
148 71.7 32.0 96.0

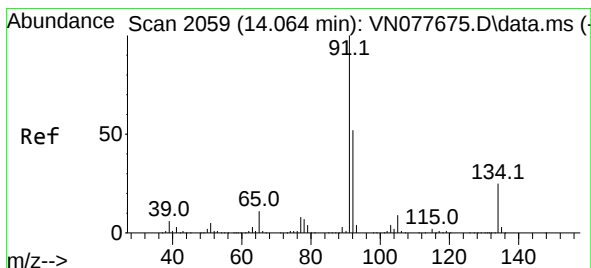
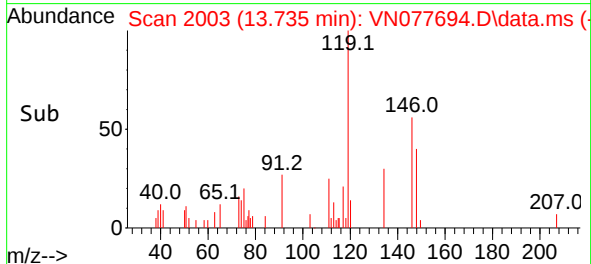
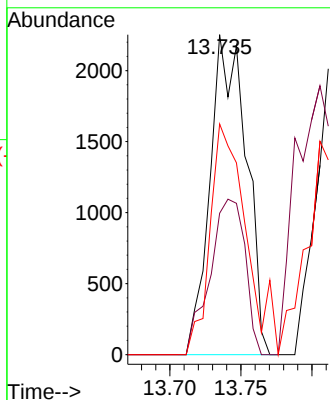
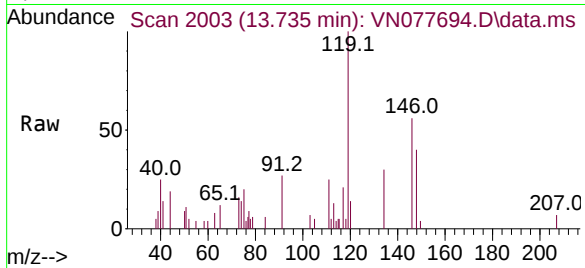




#88
1,4-Dichlorobenzene
Concen: 0.507 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.082 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

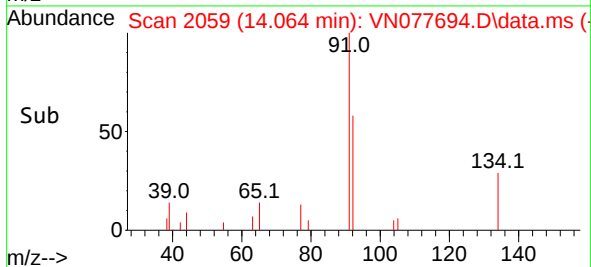
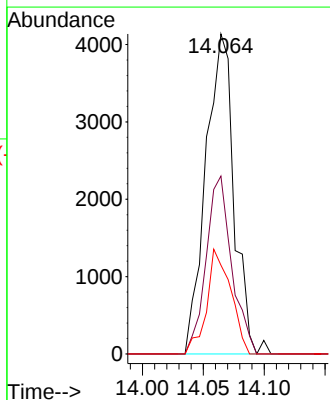
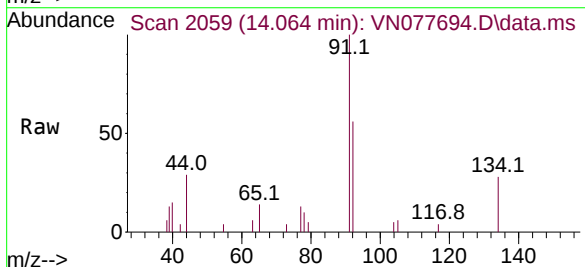
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

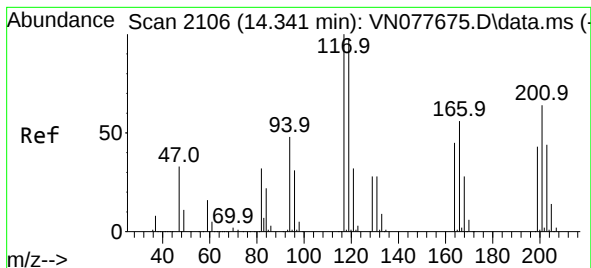
Tgt Ion:146 Resp: 3979
Ion Ratio Lower Upper
146 100
111 47.2 20.6 61.8
148 71.7 31.6 94.8



#89
n-Butylbenzene
Concen: 0.466 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion: 91 Resp: 6674
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 27.9 12.6 37.6





#90

Hexachloroethane

Concen: 0.472 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

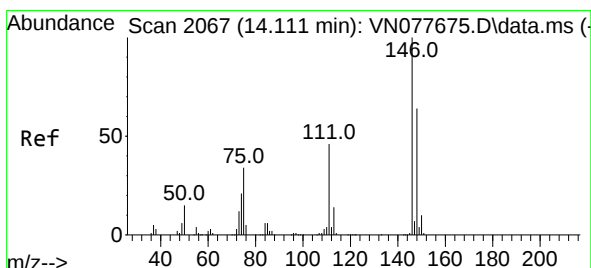
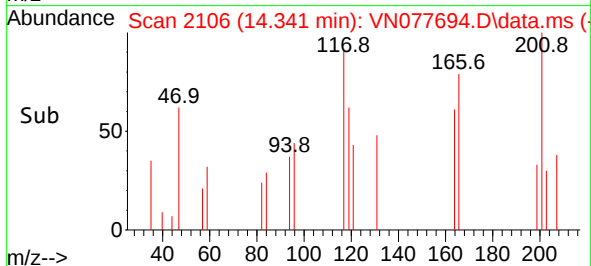
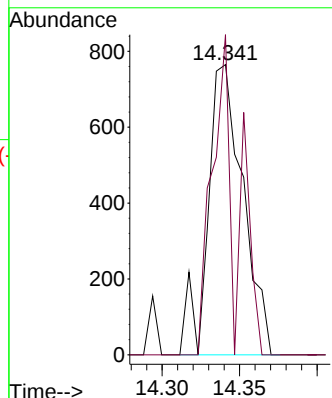
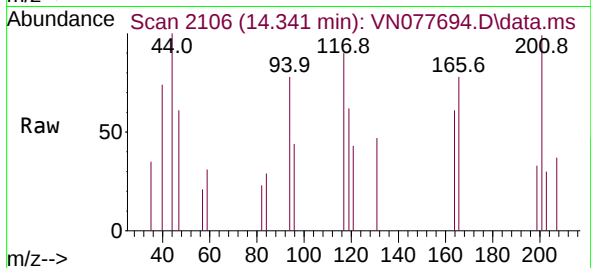
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:117 Resp: 1209

Ion Ratio Lower Upper

117 100

201 77.7 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.478 ug/l

RT: 14.117 min Scan# 2068

Delta R.T. 0.006 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

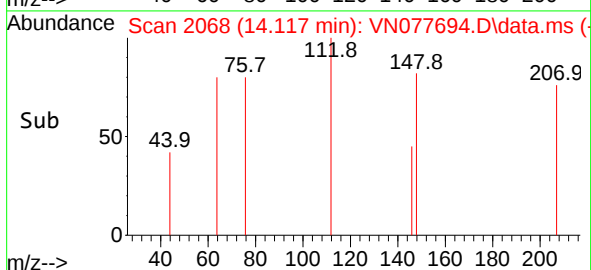
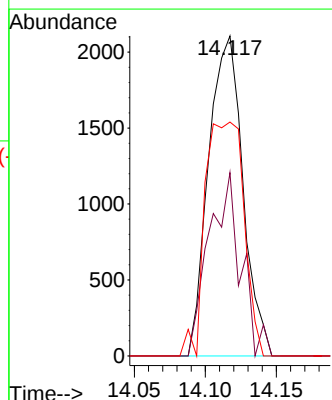
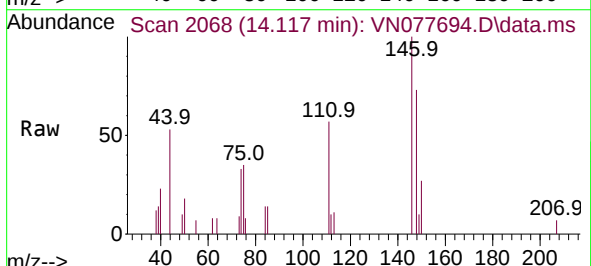
Tgt Ion:146 Resp: 3537

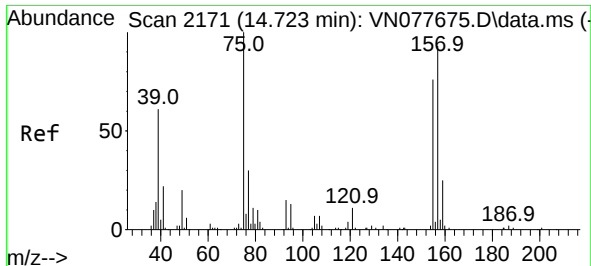
Ion Ratio Lower Upper

146 100

111 53.3 22.0 66.0

148 82.8 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.366 ug/l

RT: 14.717 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN077694.D

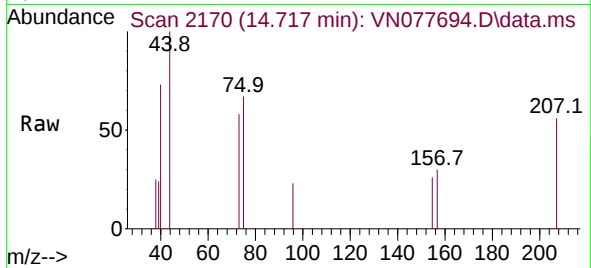
Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



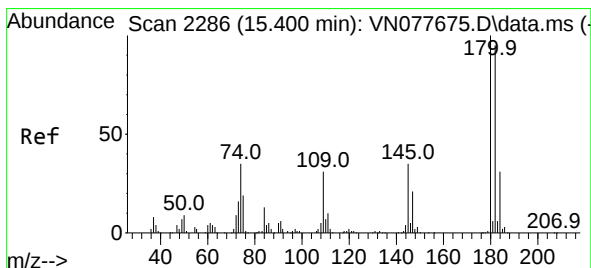
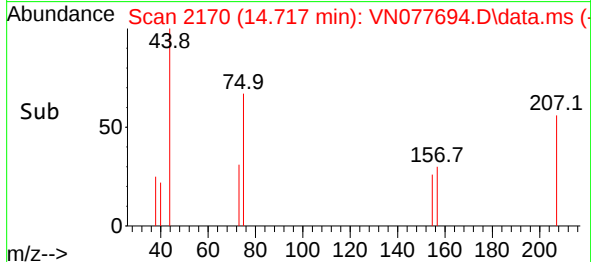
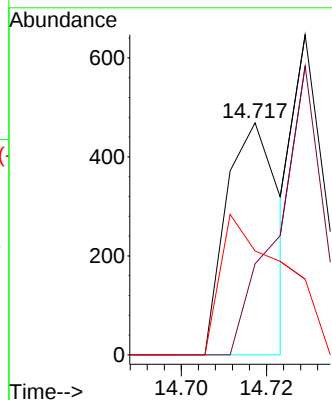
Tgt Ion: 75 Resp: 409

Ion Ratio Lower Upper

75 100

155 103.2 39.1 117.2

157 72.1 50.3 150.9



#93

1,2,4-Trichlorobenzene

Concen: 0.477 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN077694.D

Acq: 16 May 2023 15:51

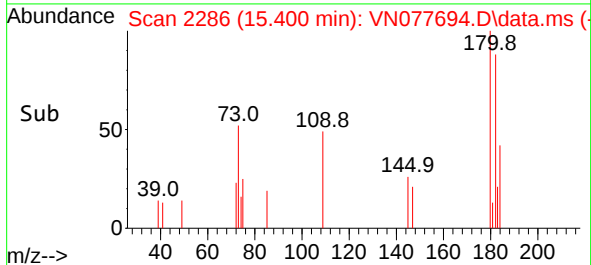
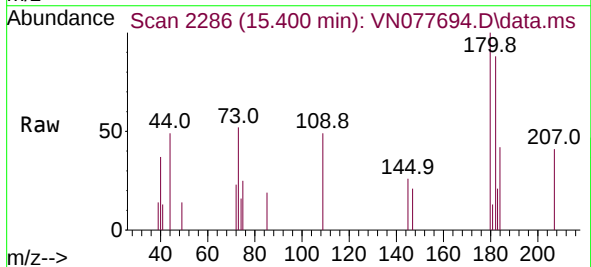
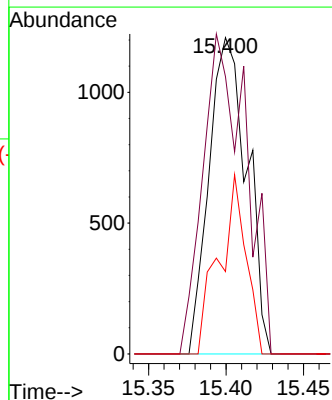
Tgt Ion: 180 Resp: 2060

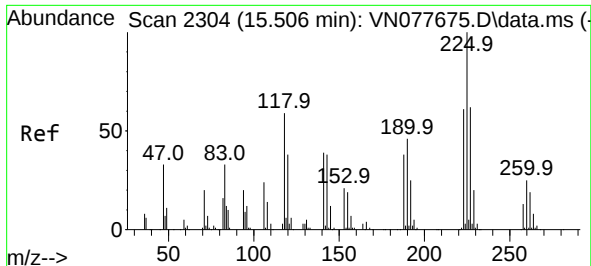
Ion Ratio Lower Upper

180 100

182 115.4 46.1 138.2

145 40.1 16.6 49.8

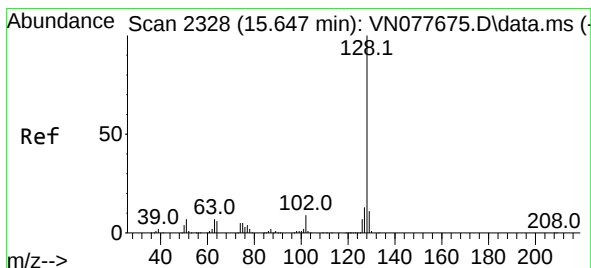
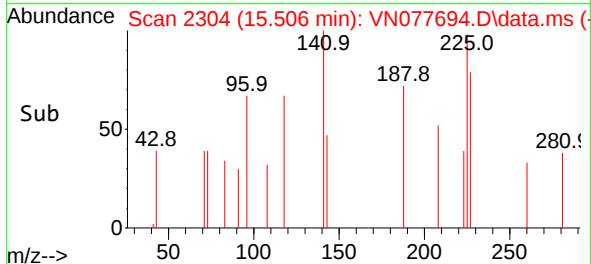
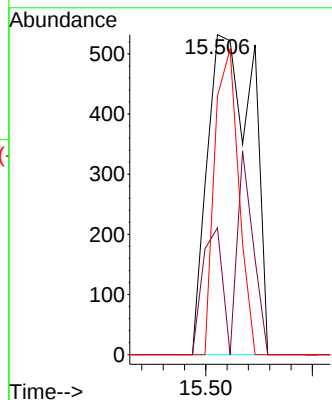
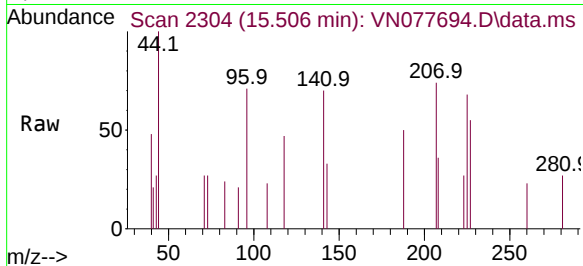




#94
Hexachlorobutadiene
Concen: 0.433 ug/l
RT: 15.506 min Scan# 211
Delta R.T. -0.001 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

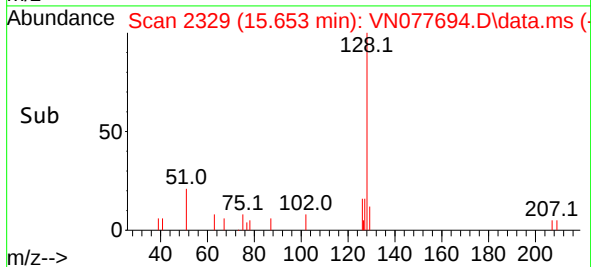
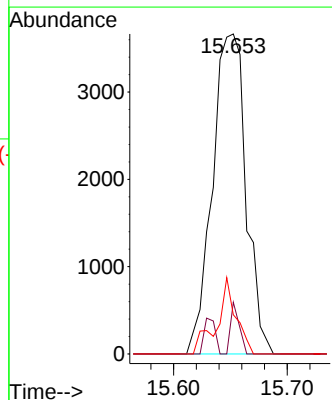
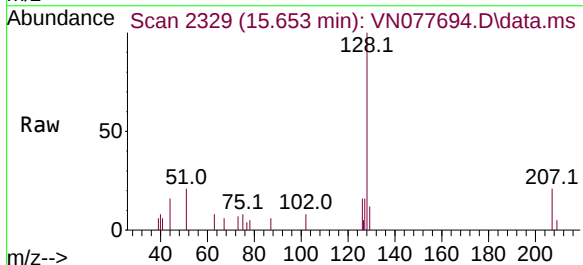
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

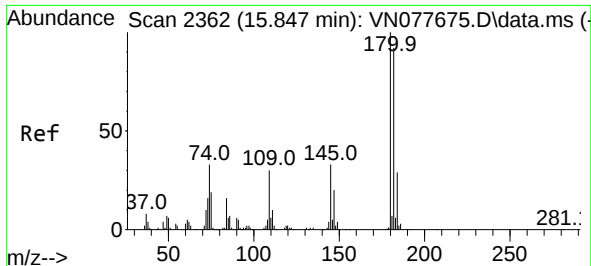
Tgt Ion:225 Resp: 777
Ion Ratio Lower Upper
225 100
223 17.6 31.3 93.8#
227 0.0 31.9 95.9#



#95
Naphthalene
Concen: 0.506 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077694.D
Acq: 16 May 2023 15:51

Tgt Ion:128 Resp: 7528
Ion Ratio Lower Upper
128 100
127 4.2 10.0 15.0#
129 13.7 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.562 ug/l

RT: 15.853 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077694.D

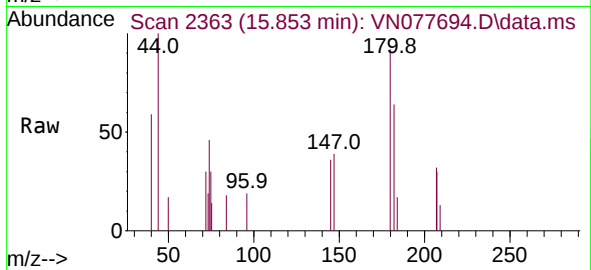
Acq: 16 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:180 Resp: 2376

Ion Ratio Lower Upper

180 100

182 78.2 46.2 138.6

145 25.5 17.5 52.6

