

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077695.D
 Acq On : 16 May 2023 16:14
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 17 04:03:35 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	8.230	168	364644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	695564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	231646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258657	47.408	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.171	113	200219	44.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.280%
50) Toluene-d8	10.571	98	736081	42.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.320%#
62) 4-Bromofluorobenzene	12.853	95	230426	37.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3044	0.734	ug/l	80
3) Chloromethane	2.365	50	5436	Below Cal		90
4) Vinyl Chloride	2.518	62	3976	0.760	ug/l #	80
5) Bromomethane	2.965	94	4501	1.163	ug/l	86
6) Chloroethane	3.124	64	5524	1.465	ug/l #	75
7) Trichlorofluoromethane	3.512	101	5727	0.785	ug/l #	68
8) Diethyl Ether	3.959	74	2354	0.884	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	2833	0.702	ug/l	91
10) Methyl Iodide	4.589	142	2625	0.545	ug/l #	69
11) Tert butyl alcohol	5.530	59	3017	4.007	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	3273	0.853	ug/l	92
13) Acrolein	4.195	56	3104	Below Cal	#	62
14) Allyl chloride	5.024	41	2881	0.511	ug/l #	41
15) Acrylonitrile	5.730	53	7989	3.971	ug/l	97
16) Acetone	4.459	43	8005	4.663	ug/l #	76
17) Carbon Disulfide	4.730	76	7559	0.731	ug/l #	86
18) Methyl Acetate	5.047	43	2966	0.412	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	10143	0.731	ug/l	97
20) Methylene Chloride	5.289	84	5161	Below Cal	#	89
21) trans-1,2-Dichloroethene	5.783	96	3500	0.812	ug/l #	75
22) Diisopropyl ether	6.677	45	10425	0.789	ug/l #	87
23) Vinyl Acetate	6.624	43	34263	4.187	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	6446	0.797	ug/l	97
25) 2-Butanone	7.500	43	11698	4.357	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	4706	0.685	ug/l #	76
27) cis-1,2-Dichloroethene	7.500	96	3747	0.725	ug/l	79
28) Bromochloromethane	7.824	49	2877	0.822	ug/l #	80
29) Tetrahydrofuran	7.859	42	6305	3.586	ug/l #	55
30) Chloroform	7.965	83	7138	0.802	ug/l	97
31) Cyclohexane	8.230	56	12848	1.733	ug/l #	14
32) 1,1,1-Trichloroethane	8.183	97	5997	0.793	ug/l #	51
36) 1,1-Dichloropropene	8.383	75	4953	0.747	ug/l	96
37) Ethyl Acetate	7.577	43	5111	0.864	ug/l #	86
38) Carbon Tetrachloride	8.371	117	5121	0.764	ug/l #	95
39) Methylcyclohexane	9.600	83	5214	0.642	ug/l #	80
40) Benzene	8.618	78	14555	0.743	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	2880	0.915	ug/l #	40
42) 1,2-Dichloroethane	8.683	62	6214	0.874	ug/l	83
43) Isopropyl Acetate	8.694	43	7293	0.755	ug/l	97
44) Trichloroethene	9.365	130	3835	0.774	ug/l	80
45) 1,2-Dichloropropane	9.635	63	3512	0.703	ug/l	94
46) Dibromomethane	9.718	93	2924	0.818	ug/l	94
47) Bromodichloromethane	9.888	83	4947	0.723	ug/l #	92
48) Methyl methacrylate	9.688	41	3594	0.785	ug/l #	83
49) 1,4-Dioxane	9.700	88	1406	16.256	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	21268	3.705	ug/l	89
52) Toluene	10.635	92	8695	0.713	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	4233	0.584	ug/l	90
54) cis-1,3-Dichloropropene	10.324	75	5174	0.648	ug/l #	79
55) 1,1,2-Trichloroethane	11.029	97	4021	0.831	ug/l #	81
56) Ethyl methacrylate	10.882	69	5058	0.691	ug/l #	85
57) 1,3-Dichloropropane	11.176	76	6036	0.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	12589	3.497	ug/l #	88
59) 2-Hexanone	11.200	43	15338	3.612	ug/l	90
60) Dibromochloromethane	11.359	129	3569	0.714	ug/l	90
61) 1,2-Dibromoethane	11.476	107	3284	0.680	ug/l	94
64) Tetrachloroethene	11.106	164	3223	0.795	ug/l	87
65) Chlorobenzene	11.888	112	9745	0.776	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	3052	0.702	ug/l #	53
67) Ethyl Benzene	11.971	91	17010	0.756	ug/l	99
68) m/p-Xylenes	12.076	106	11599	1.360	ug/l	89
69) o-Xylene	12.412	106	6182	0.737	ug/l	90
70) Styrene	12.418	104	9479	0.711	ug/l	97
71) Bromoform	12.582	173	2015	0.697	ug/l #	94
73) Isopropylbenzene	12.700	105	15422	0.772	ug/l	95
74) N-amyl acetate	12.506	43	5468	0.741	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	5123	0.834	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	4885	0.842	ug/l	96
77) Bromobenzene	12.988	156	3628	0.796	ug/l	95
78) n-propylbenzene	13.047	91	17186	0.730	ug/l	93
79) 2-Chlorotoluene	13.129	91	10299	0.733	ug/l	94
80) 1,3,5-Trimethylbenzene	13.182	105	12129	0.723	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	125749	69.288	ug/l #	15
82) 4-Chlorotoluene	13.223	91	10965	0.785	ug/l	98
83) tert-Butylbenzene	13.447	119	10385	0.709	ug/l	82
84) 1,2,4-Trimethylbenzene	13.488	105	12915	0.782	ug/l	90
85) sec-Butylbenzene	13.623	105	14526	0.698	ug/l	100
86) p-Isopropyltoluene	13.735	119	10902	0.657	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	5901	0.700	ug/l	97
88) 1,4-Dichlorobenzene	13.729	146	5901	0.706	ug/l	97
89) n-Butylbenzene	14.065	91	9656	0.632	ug/l	97
90) Hexachloroethane	14.335	117	1682	0.617	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	6771	0.860	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.729	75	929	0.781	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.400	180	2731	0.594	ug/l	87
94) Hexachlorobutadiene	15.506	225	1642	0.860	ug/l	81
95) Naphthalene	15.653	128	10158	0.641	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	2900	0.644	ug/l	93

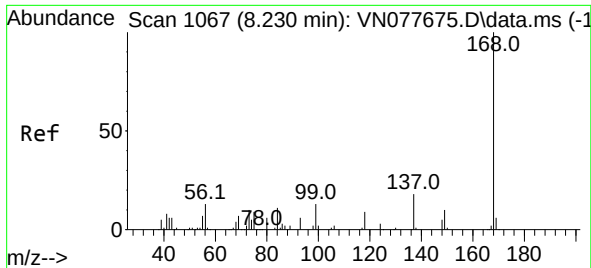
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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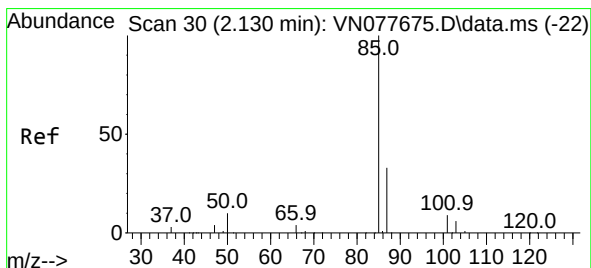
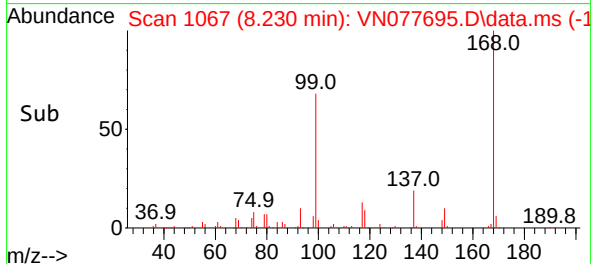
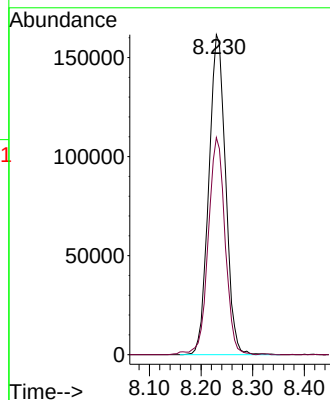
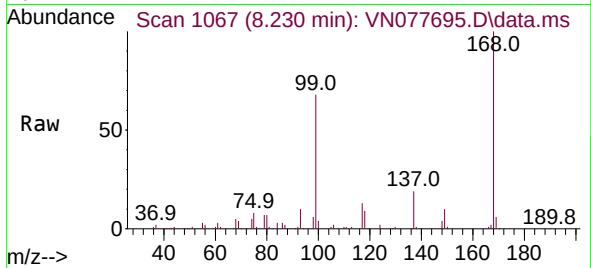
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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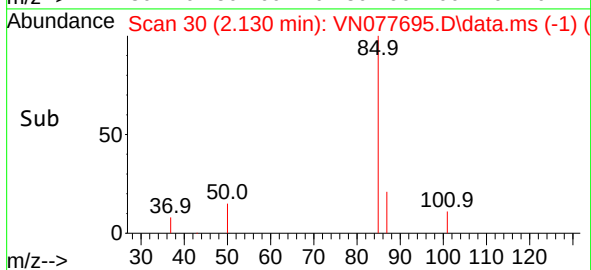
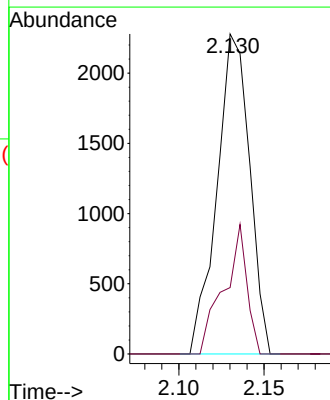
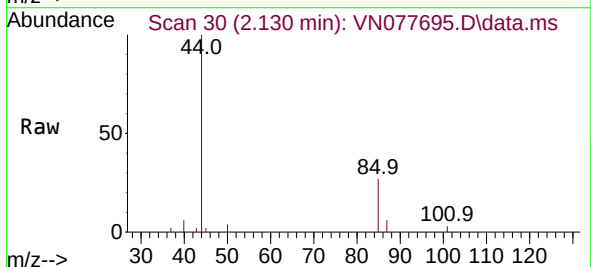
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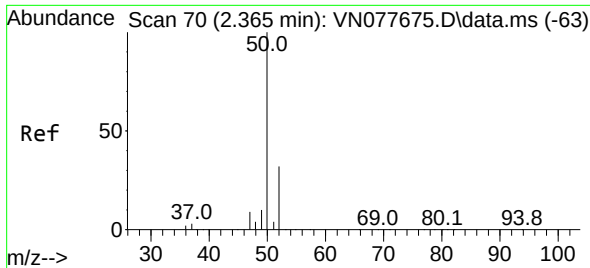
Tgt Ion:168 Resp: 364644
Ion Ratio Lower Upper
168 100
99 67.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.734 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 85 Resp: 3044
Ion Ratio Lower Upper
85 100
87 20.8 15.8 47.4

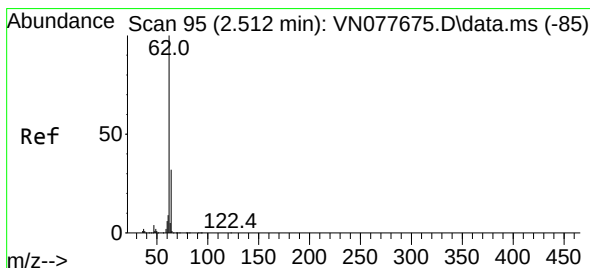
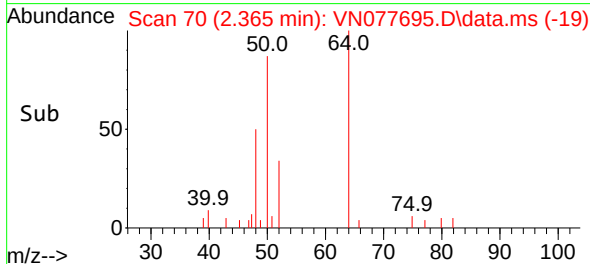
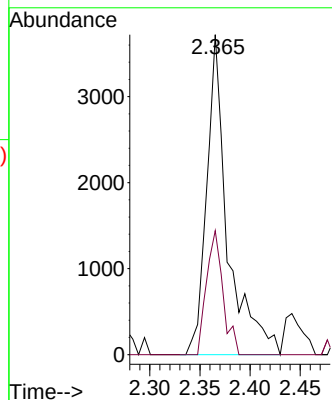
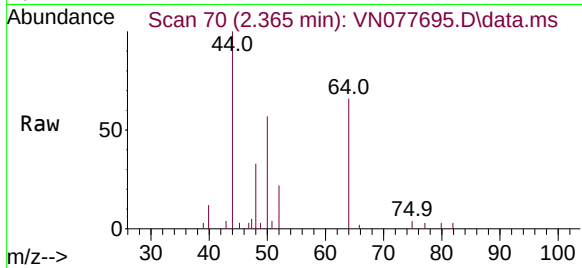




#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

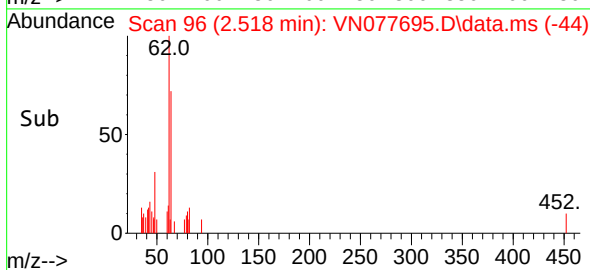
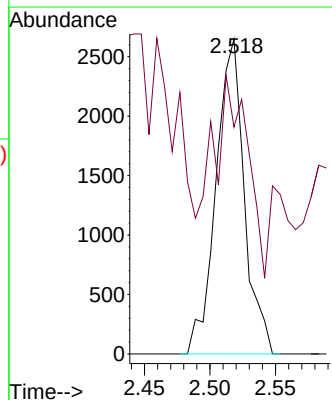
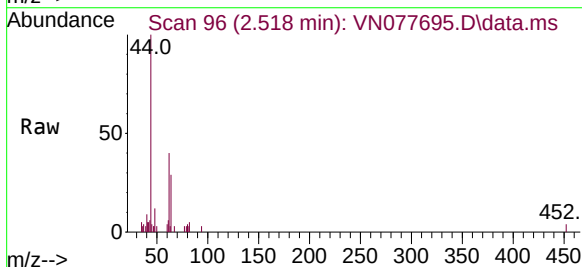
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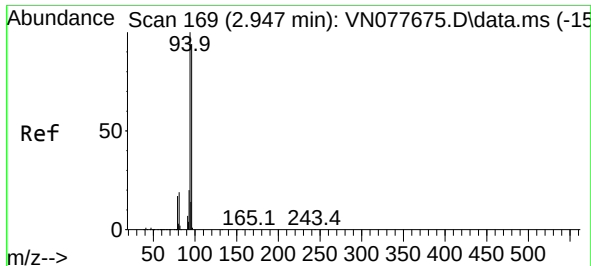
Tgt Ion: 50 Resp: 5436
Ion Ratio Lower Upper
50 100
52 38.7 26.5 39.7



#4
Vinyl Chloride
Concen: 0.760 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 62 Resp: 3976
Ion Ratio Lower Upper
62 100
64 21.4 26.2 39.2#

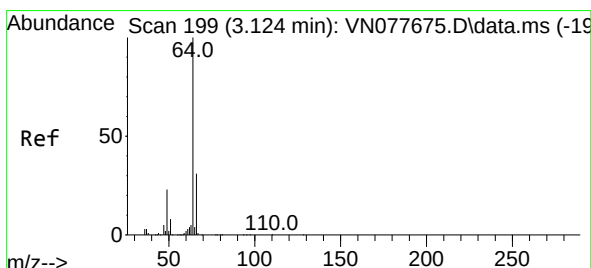
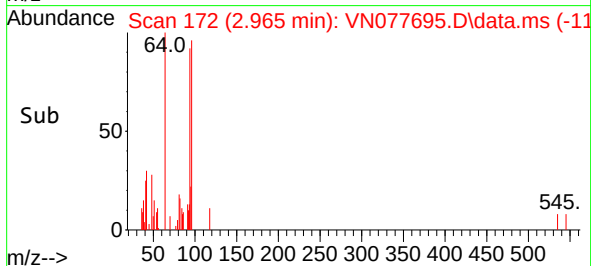
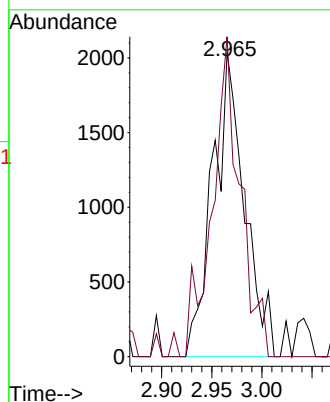
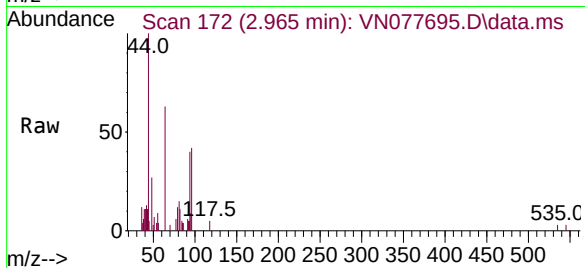




#5
Bromomethane
Concen: 1.163 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

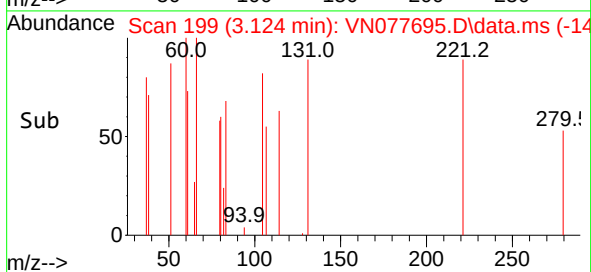
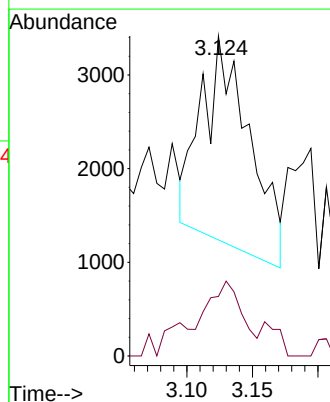
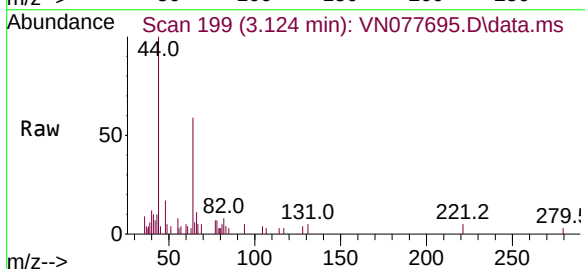
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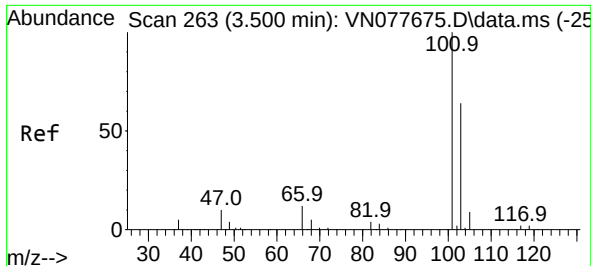
Tgt Ion: 94 Resp: 4501
Ion Ratio Lower Upper
94 100
96 104.9 73.1 109.7



#6
Chloroethane
Concen: 1.465 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 64 Resp: 5524
Ion Ratio Lower Upper
64 100
66 17.7 25.4 38.2#

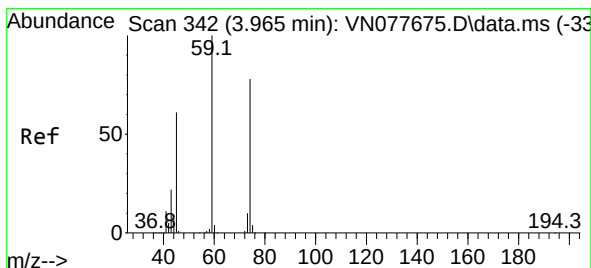
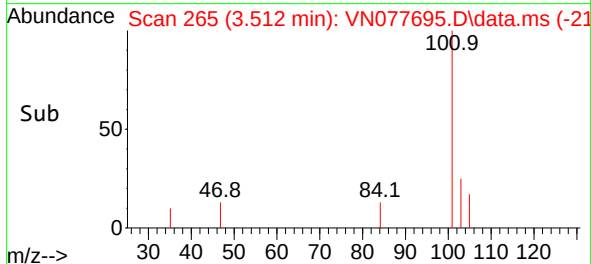
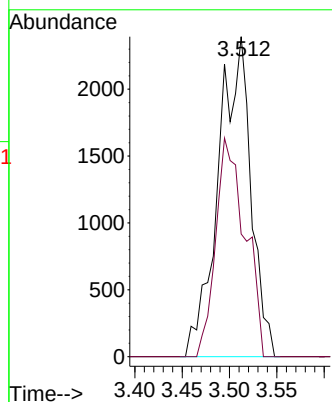
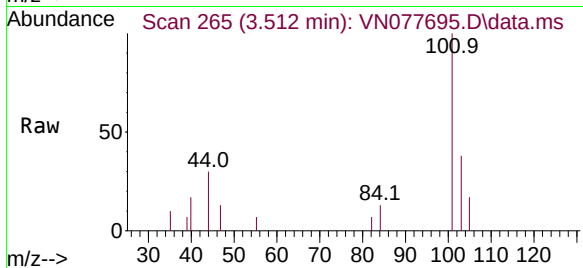




#7
 Trichlorofluoromethane
 Concen: 0.785 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

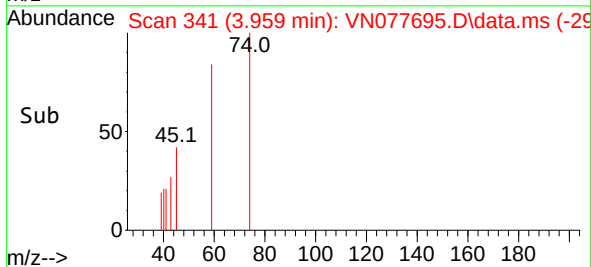
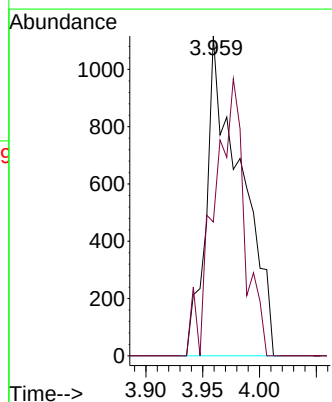
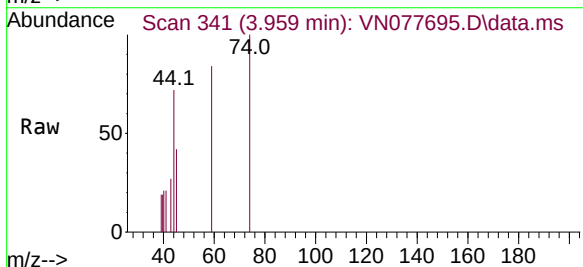
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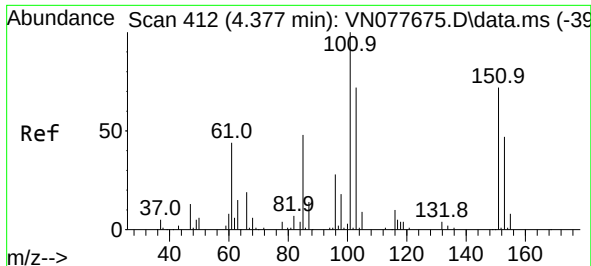
Tgt Ion:101 Resp: 5727
 Ion Ratio Lower Upper
 101 100
 103 38.4 50.7 76.1#



#8
 Diethyl Ether
 Concen: 0.884 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 74 Resp: 2354
 Ion Ratio Lower Upper
 74 100
 45 76.4 34.4 103.3

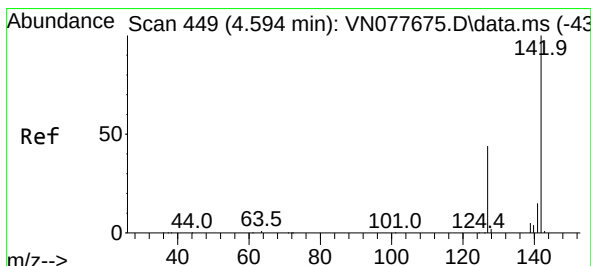
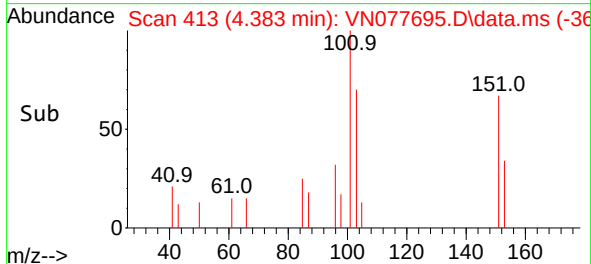
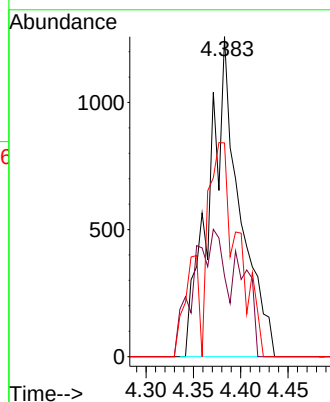
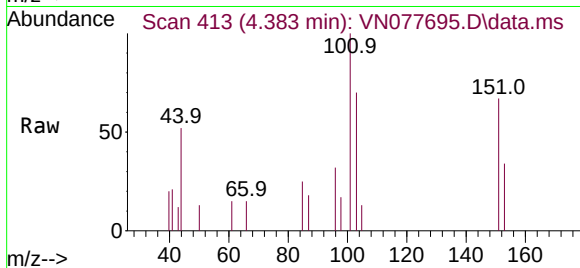




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.702 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
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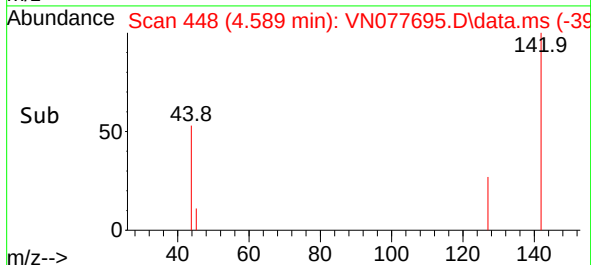
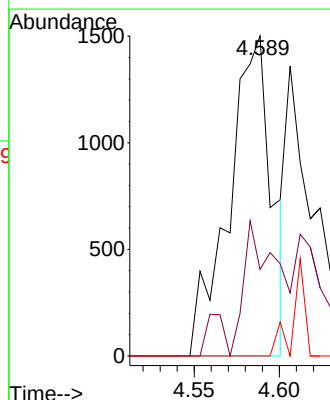
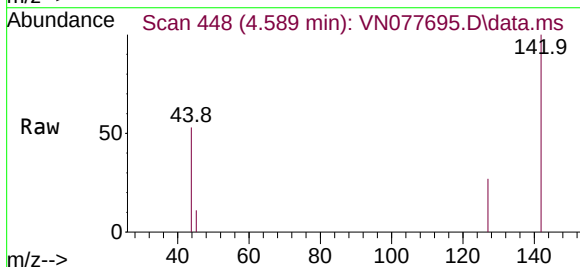
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

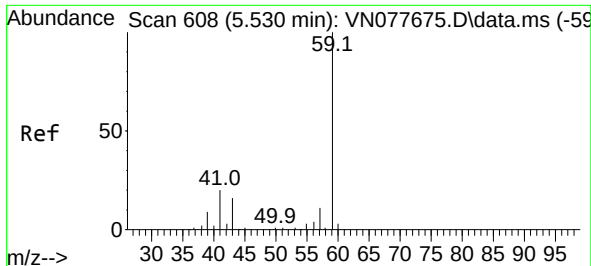
Tgt Ion:101 Resp: 2833
Ion Ratio Lower Upper
101 100
85 41.2 36.6 55.0
151 63.3 57.6 86.4



#10
Methyl Iodide
Concen: 0.545 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:142 Resp: 2625
Ion Ratio Lower Upper
142 100
127 27.0 37.6 56.4#
141 0.0 11.4 17.0#

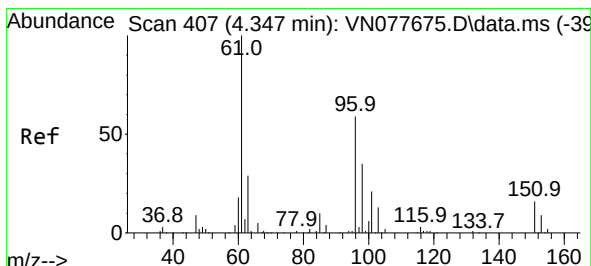
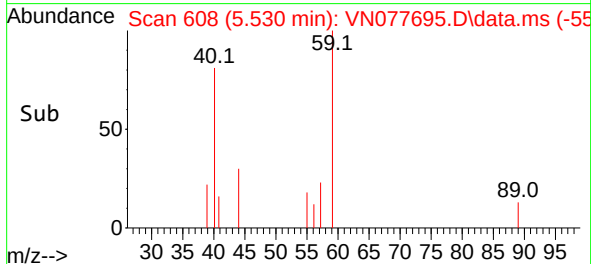
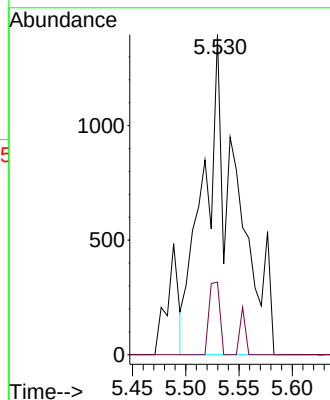
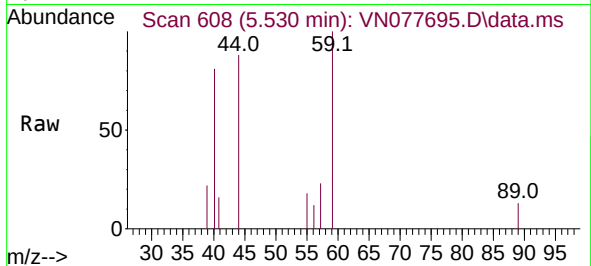




#11
Tert butyl alcohol
Concen: 4.007 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

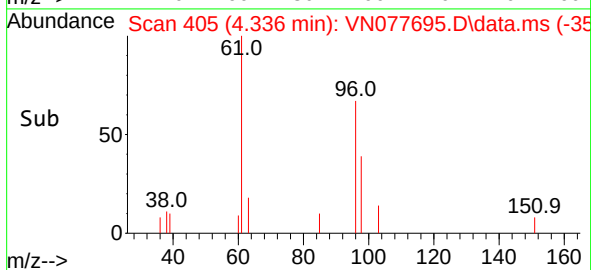
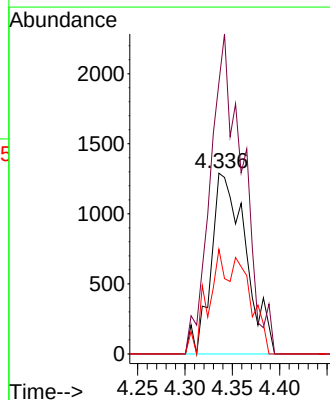
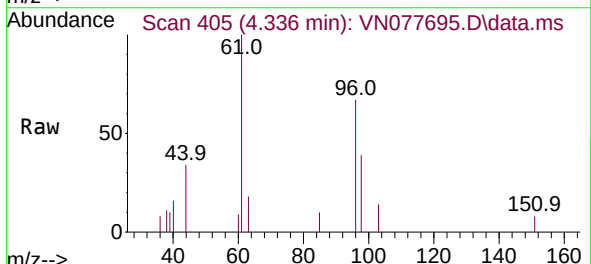
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

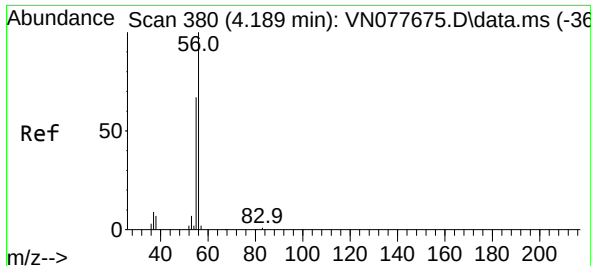
Tgt Ion: 59 Resp: 3017
Ion Ratio Lower Upper
59 100
57 7.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.853 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 96 Resp: 3273
Ion Ratio Lower Upper
96 100
61 150.2 112.7 169.1
98 57.9 51.2 76.8





#13

Acrolein

Concen: Below Cal

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

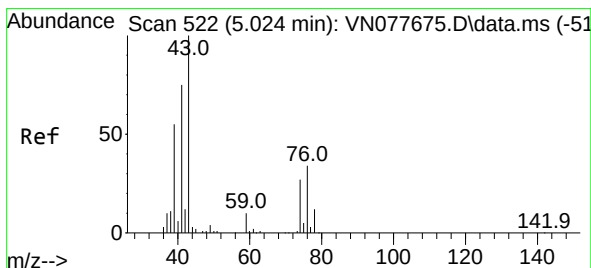
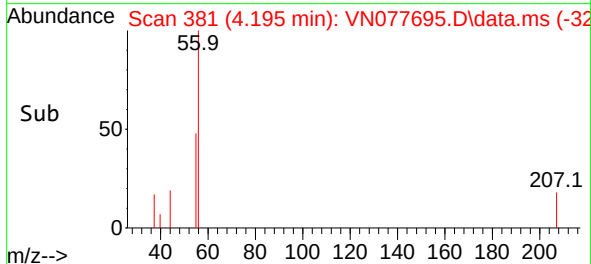
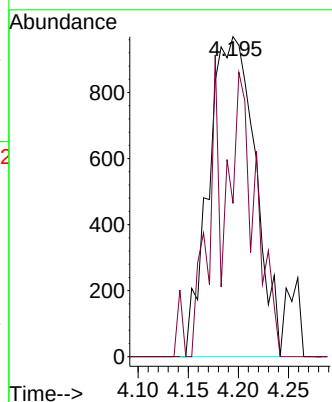
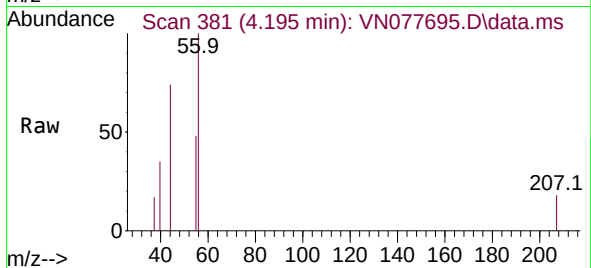
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 56 Resp: 3104

Ion Ratio Lower Upper

56 100

55 37.1 54.5 81.7#



#14

Allyl chloride

Concen: 0.511 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

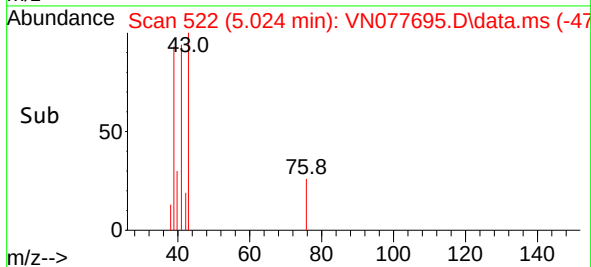
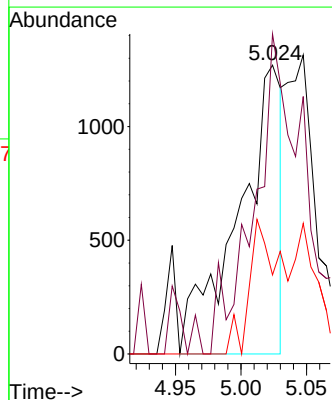
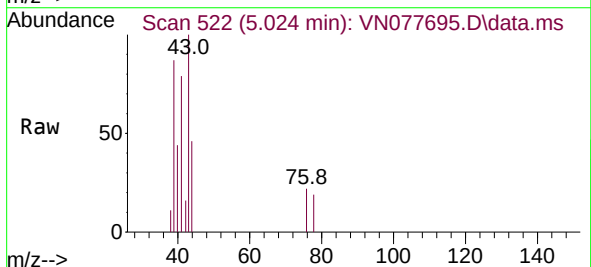
Tgt Ion: 41 Resp: 2881

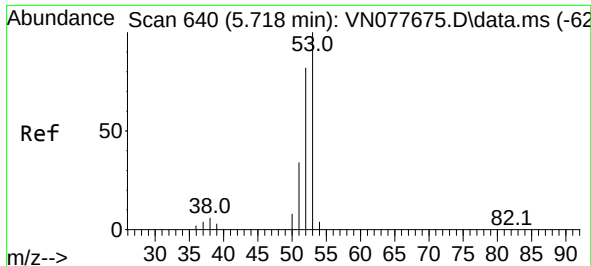
Ion Ratio Lower Upper

41 100

39 142.8 58.8 88.2#

76 32.7 39.1 58.7#

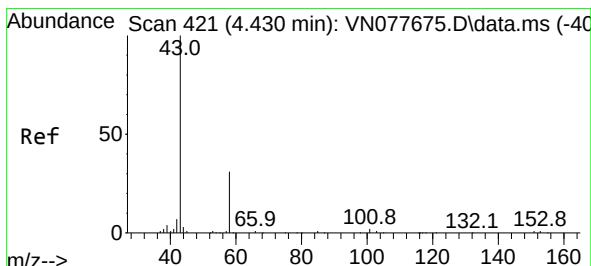
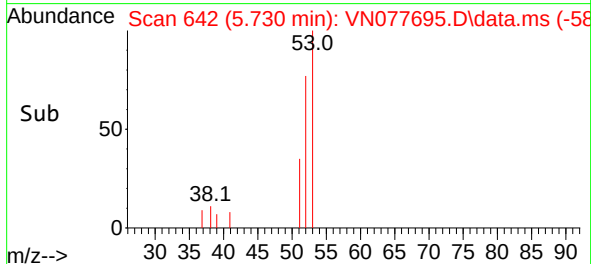
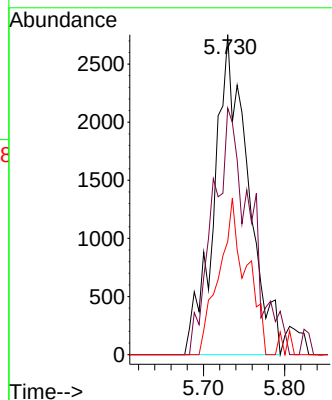
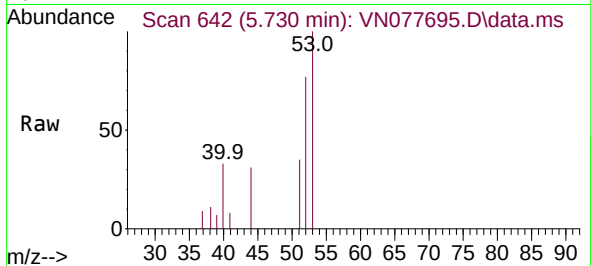




#15
Acrylonitrile
Concen: 3.971 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

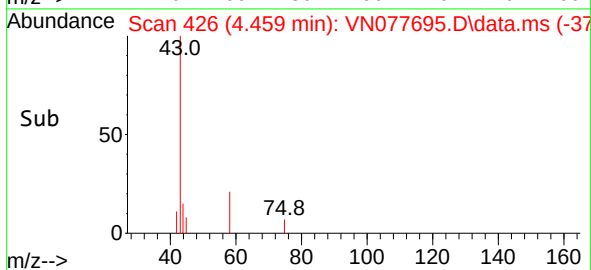
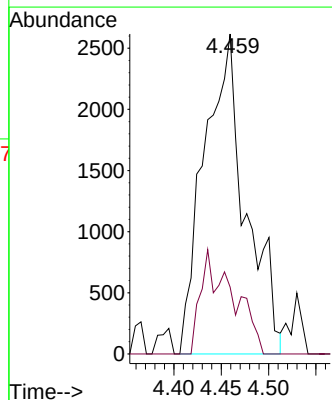
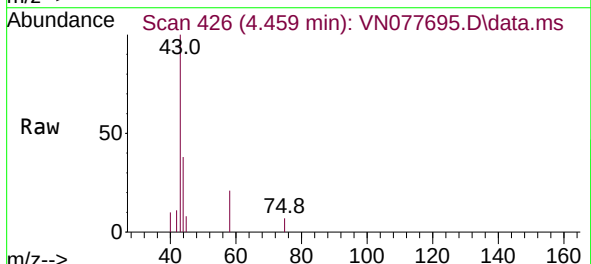
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

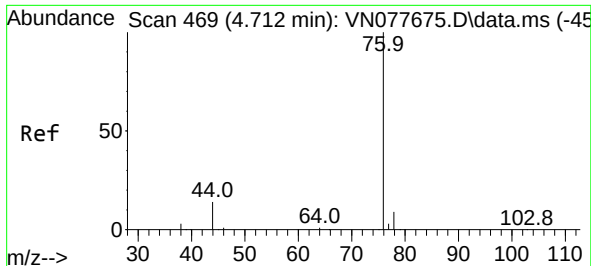
Tgt Ion: 53 Resp: 7989
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 39.7 28.9 43.3



#16
Acetone
Concen: 4.663 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 43 Resp: 8005
Ion Ratio Lower Upper
43 100
58 20.9 28.0 42.0#

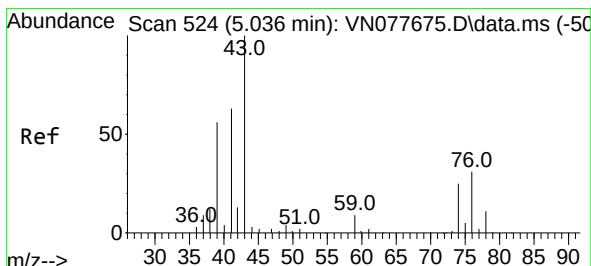
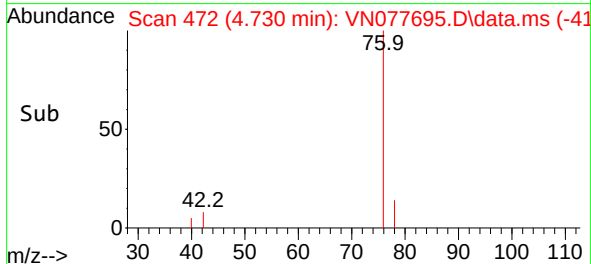
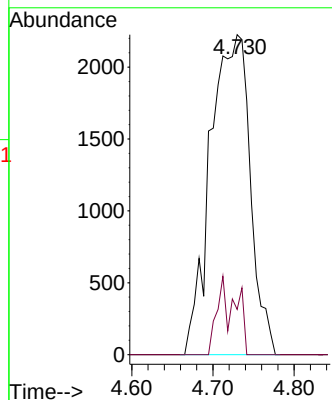
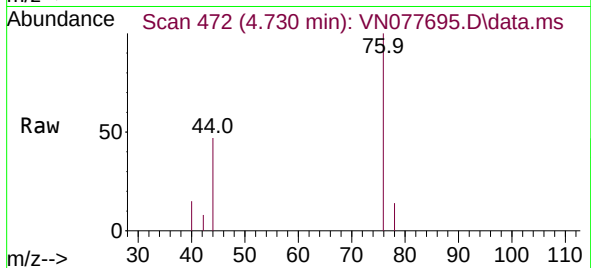




#17
Carbon Disulfide
Concen: 0.731 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

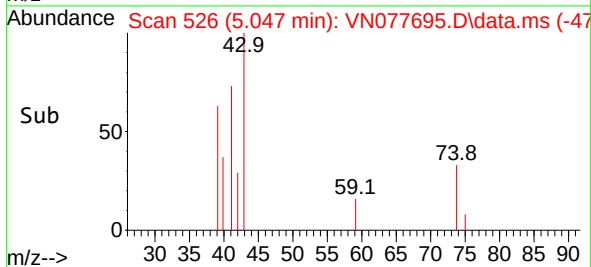
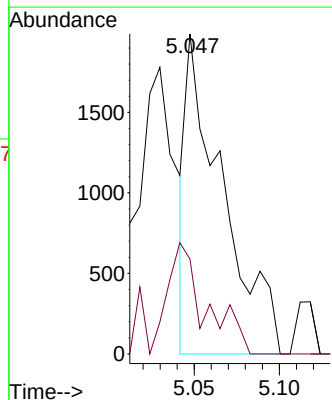
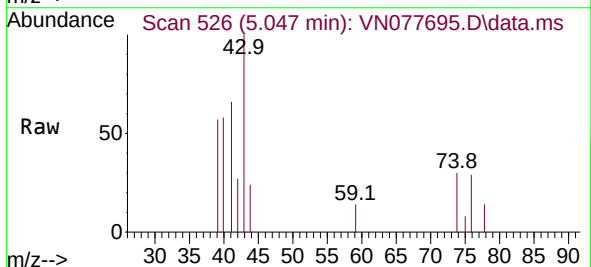
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

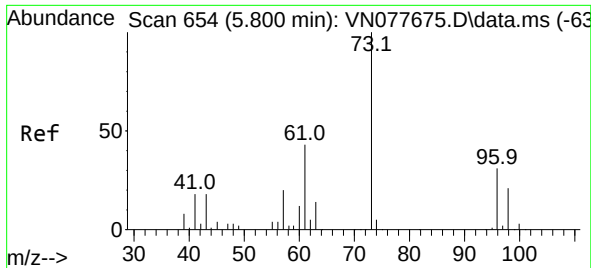
Tgt Ion: 76 Resp: 7559
Ion Ratio Lower Upper
76 100
78 14.2 7.4 11.0#



#18
Methyl Acetate
Concen: 0.412 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
74 36.0 26.2 39.4

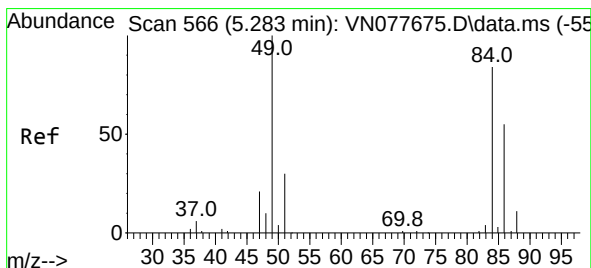
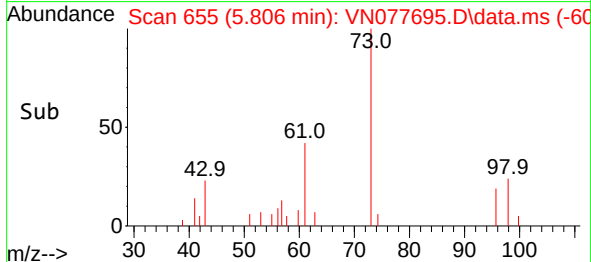
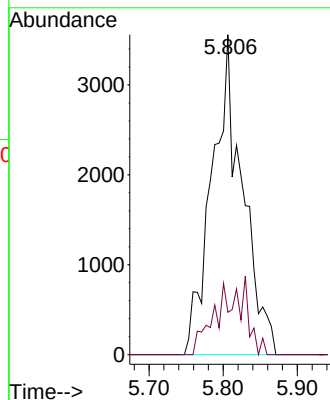
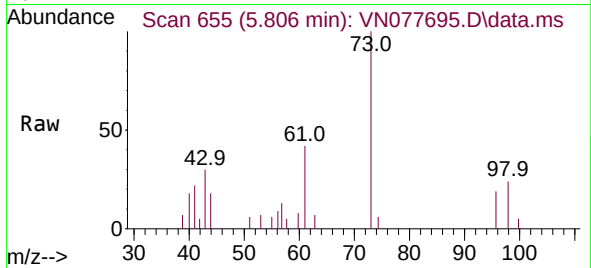




#19
Methyl tert-butyl Ether
Concen: 0.731 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

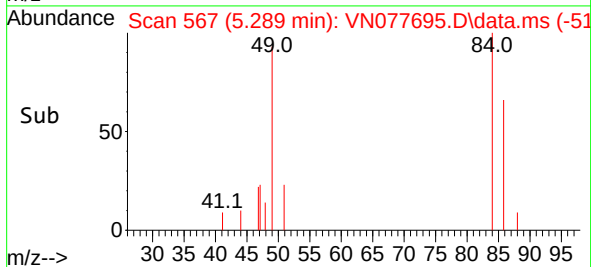
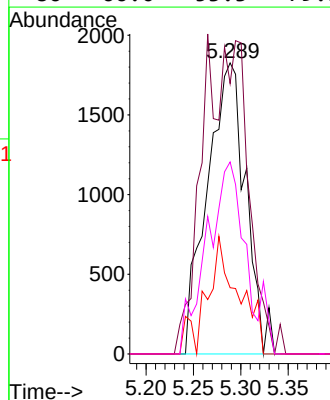
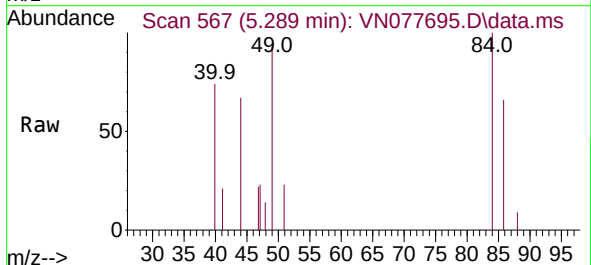
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

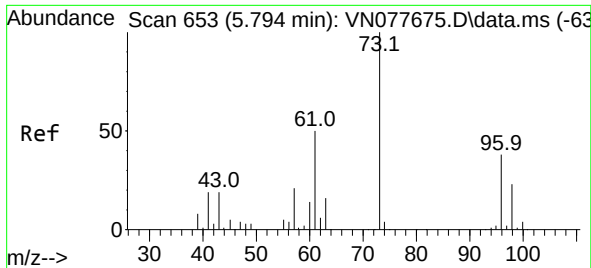
Tgt Ion: 73 Resp: 10143
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 84 Resp: 5161
Ion Ratio Lower Upper
84 100
49 82.8 79.7 119.5
51 22.8 25.2 37.8#
86 66.0 53.3 79.9

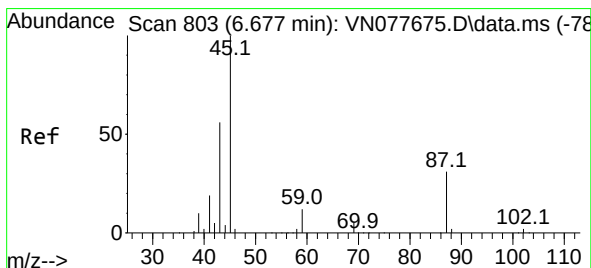
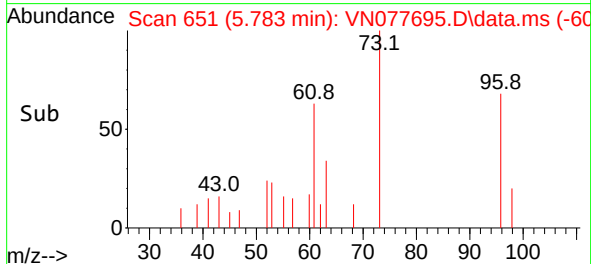
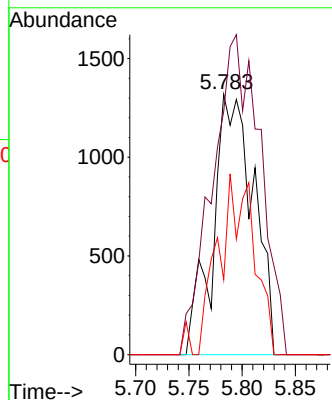
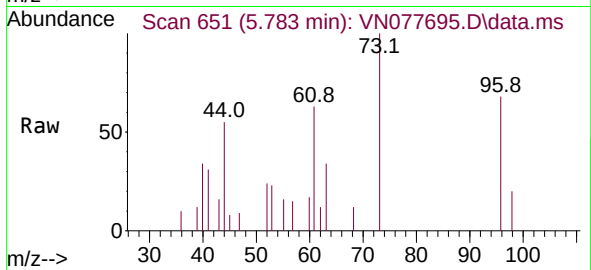




#21
trans-1,2-Dichloroethene
Concen: 0.812 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

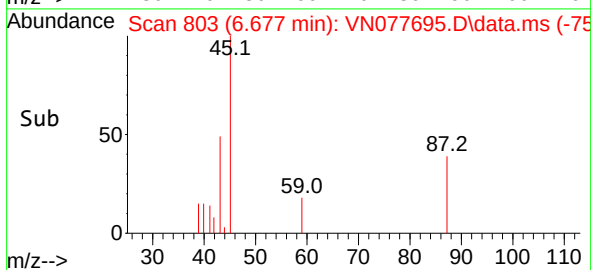
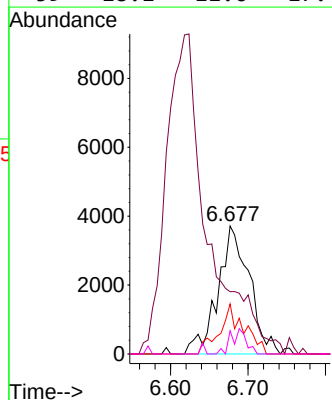
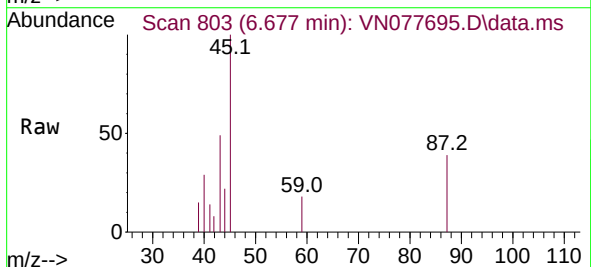
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

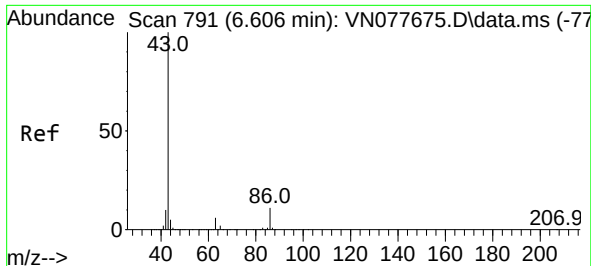
Tgt Ion: 96 Resp: 3500
Ion Ratio Lower Upper
96 100
61 93.5 90.1 135.1
98 28.8 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.789 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 45 Resp: 10425
Ion Ratio Lower Upper
45 100
43 40.7 45.5 68.3#
87 39.2 31.8 47.8
59 18.1 11.6 17.4#

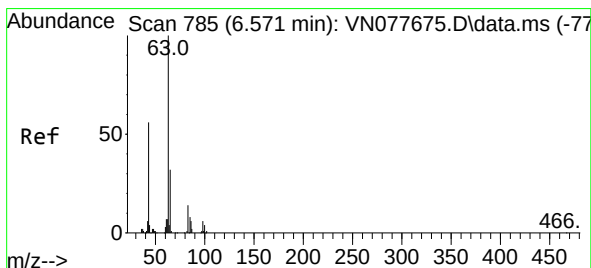
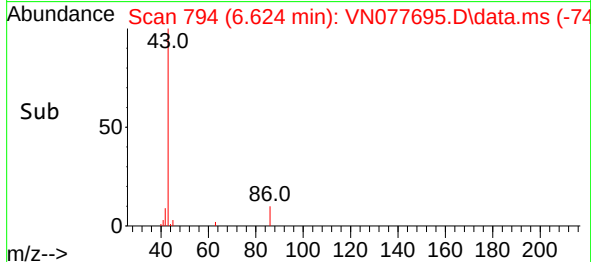
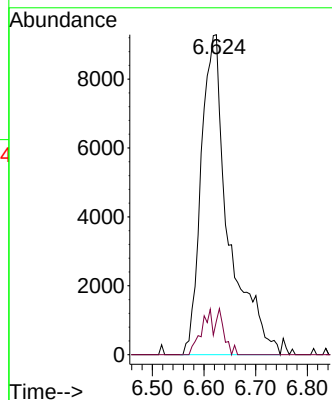
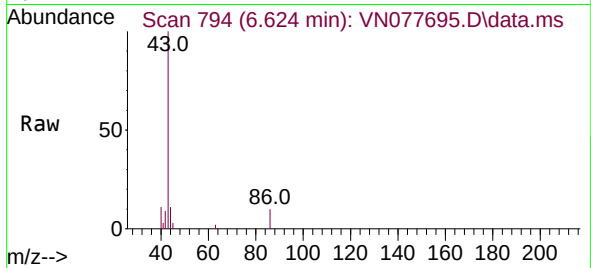




#23
 Vinyl Acetate
 Concen: 4.187 ug/l
 RT: 6.624 min Scan# 791
 Delta R.T. 0.018 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

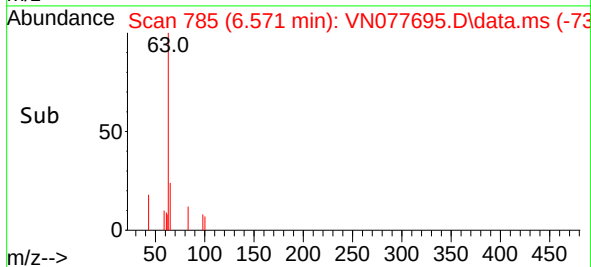
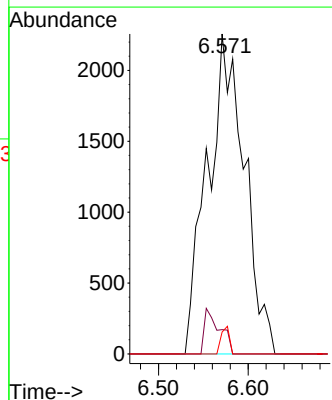
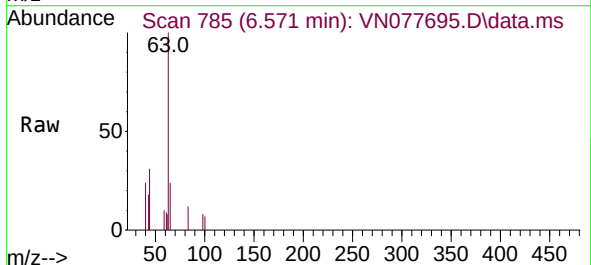
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

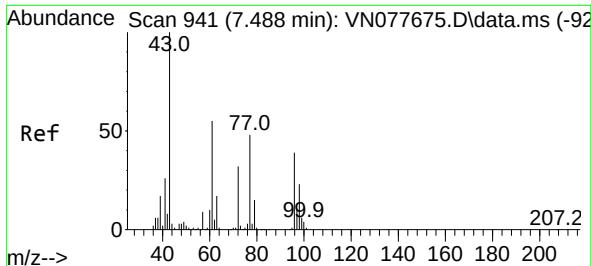
Tgt Ion: 43 Resp: 34263
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.797 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 63 Resp: 6446
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 6.8 2.5 7.4

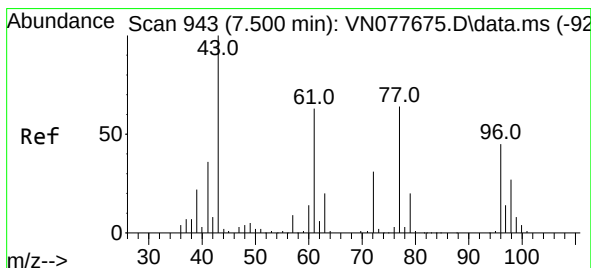
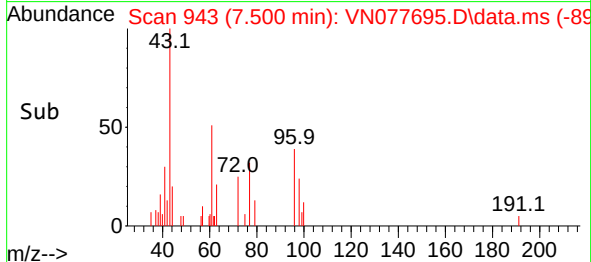
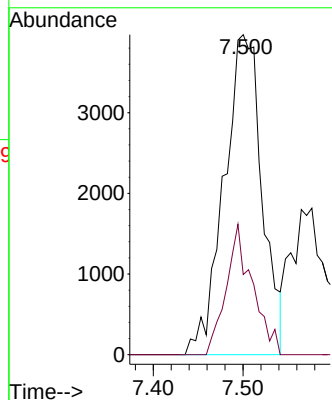
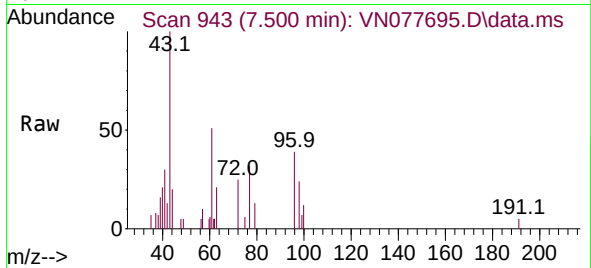




#25
2-Butanone
Concen: 4.357 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

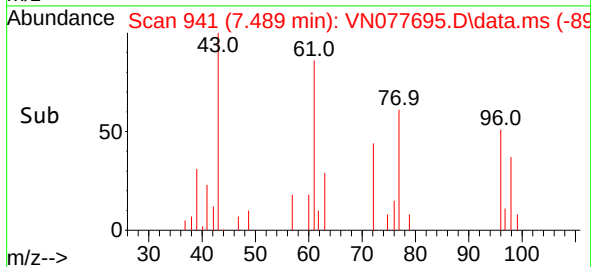
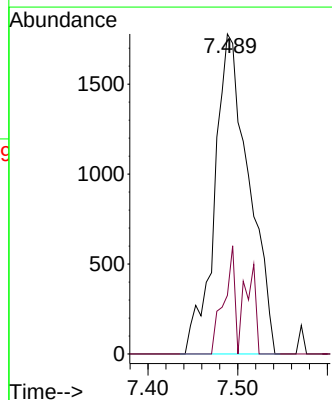
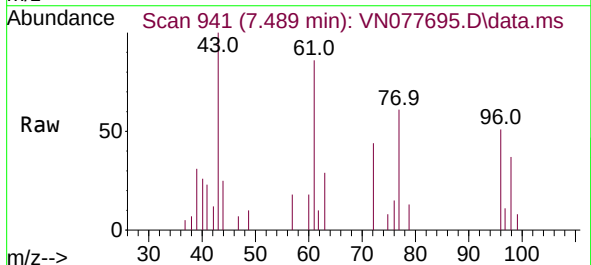
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

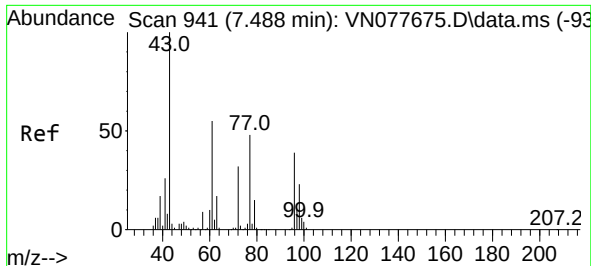
Tgt Ion: 43 Resp: 11698
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.685 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 77 Resp: 4706
Ion Ratio Lower Upper
77 100
97 10.7 11.2 33.6#

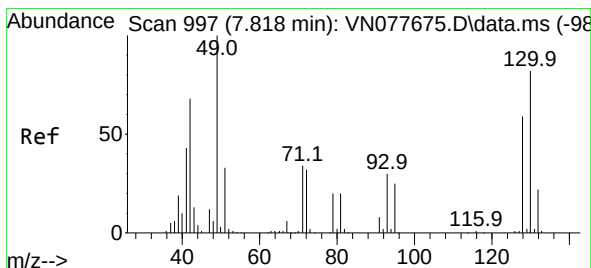
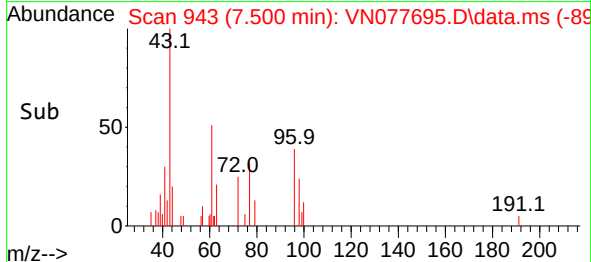
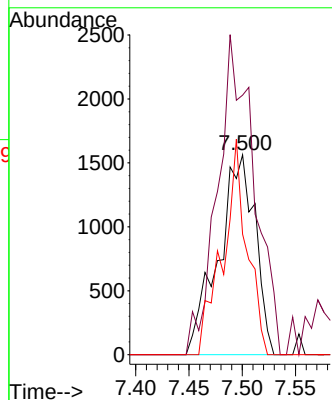
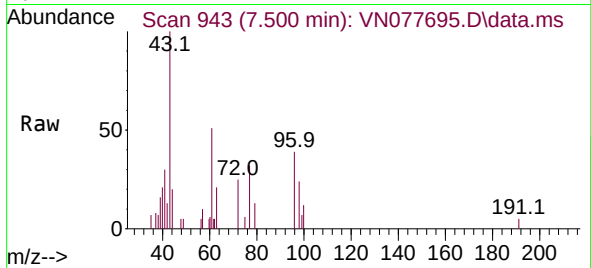




#27
 cis-1,2-Dichloroethene
 Concen: 0.725 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

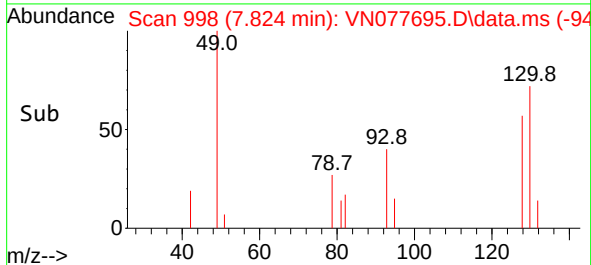
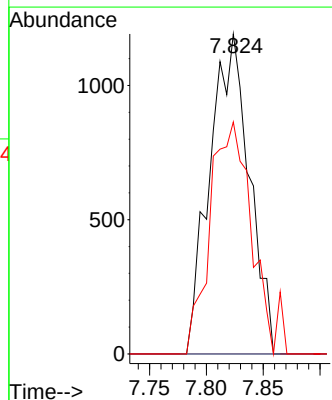
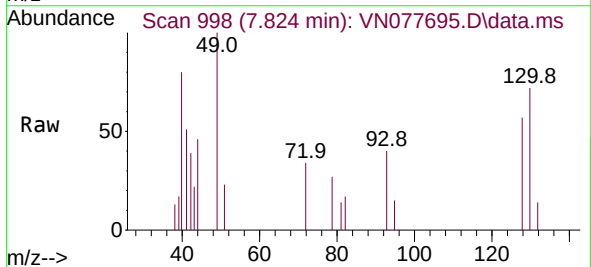
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

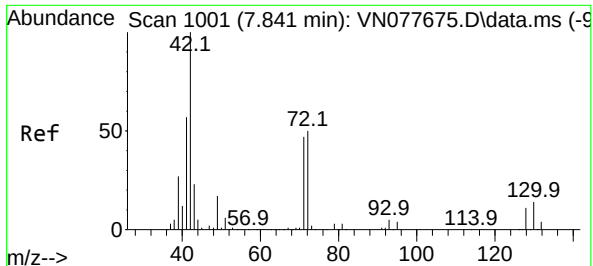
Tgt Ion: 96 Resp: 3747
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 255.2
 98 71.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 0.822 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 49 Resp: 2877
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 74.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 3.586 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VN077695.D

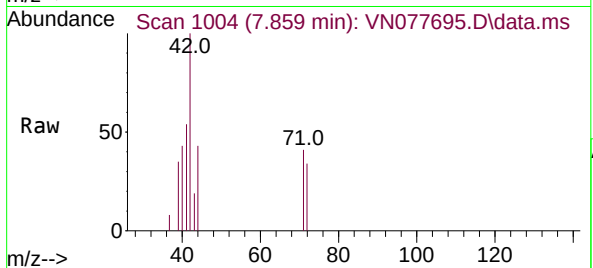
Acq: 16 May 2023 16:14

Instrument :

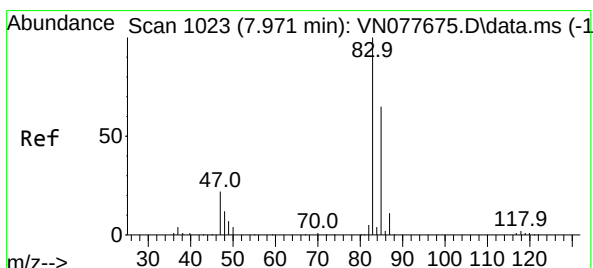
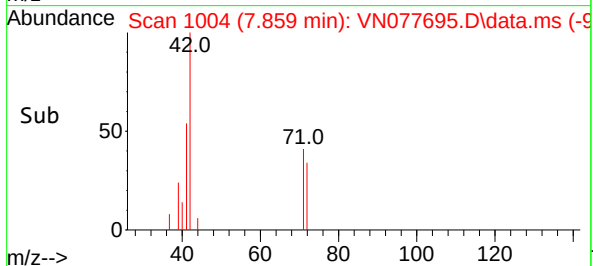
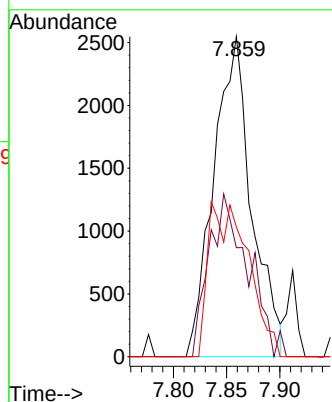
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	42	Resp:	6305
Ion	Ratio	Lower	Upper
42	100		
72	52.4	49.8	74.6
71	0.0	47.4	71.2#



#30

Chloroform

Concen: 0.802 ug/l

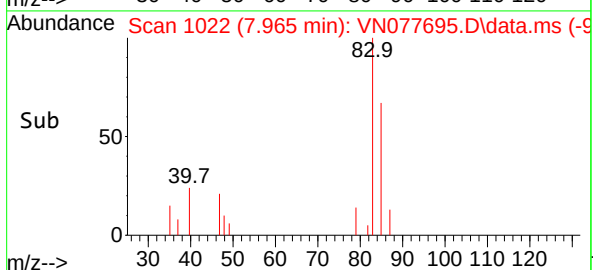
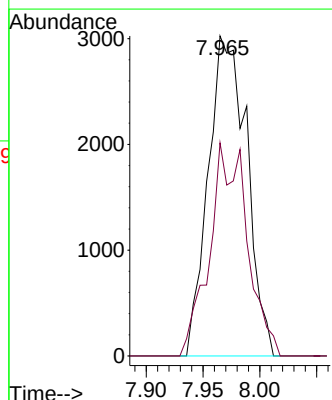
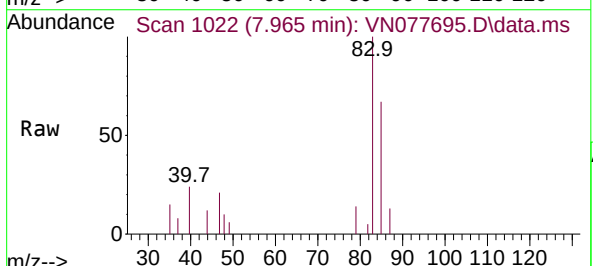
RT: 7.965 min Scan# 1022

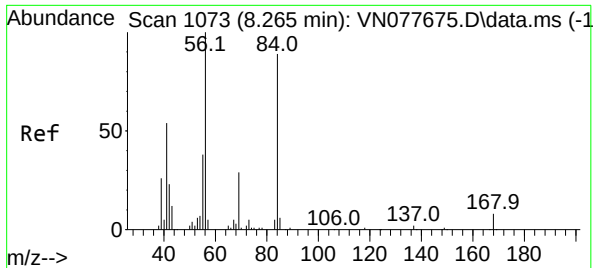
Delta R.T. -0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

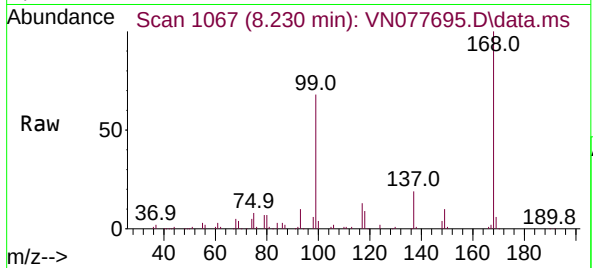
Tgt Ion:	83	Resp:	7138
Ion	Ratio	Lower	Upper
83	100		
85	66.6	55.4	83.0



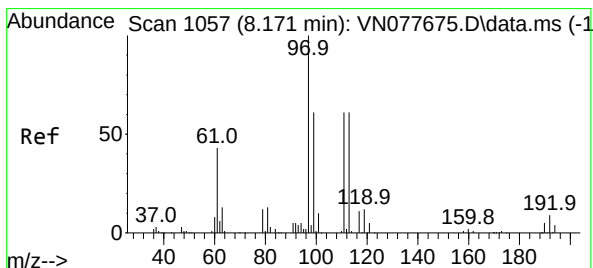
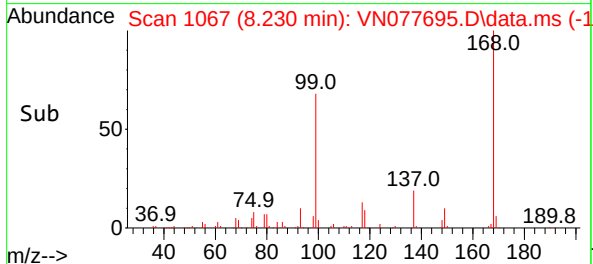
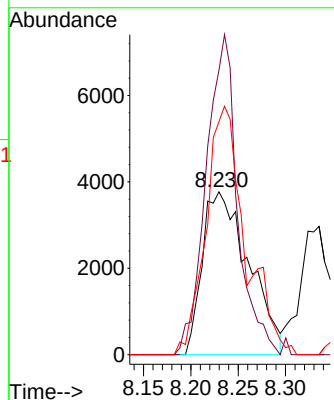


#31
Cyclohexane
Concen: 1.733 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

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

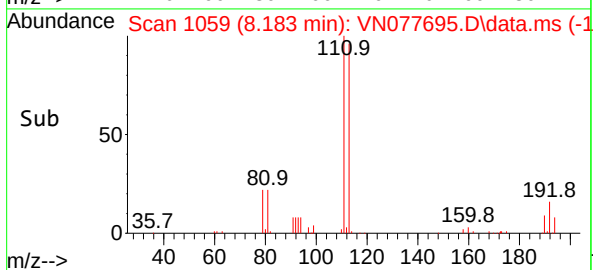
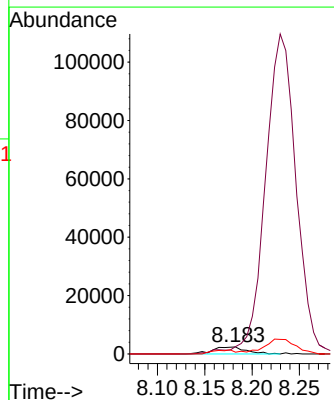
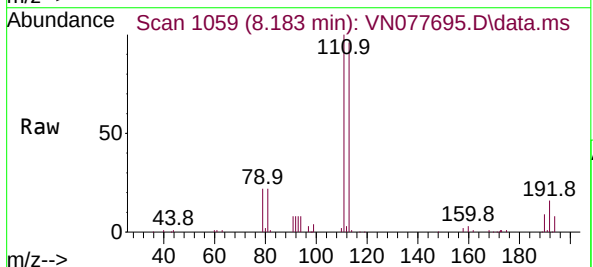


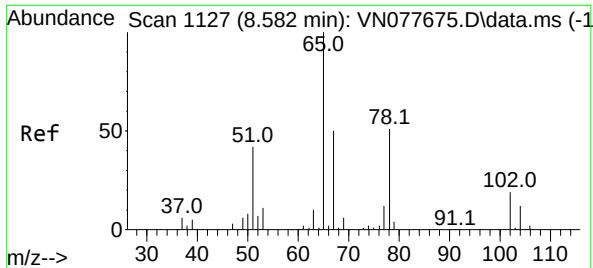
Tgt Ion: 56 Resp: 12848
Ion Ratio Lower Upper
56 100
69 174.4 26.8 40.2#
84 135.1 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.793 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 97 Resp: 5997
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 44.3 34.7 52.1

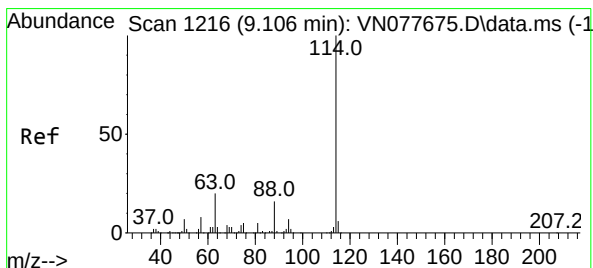
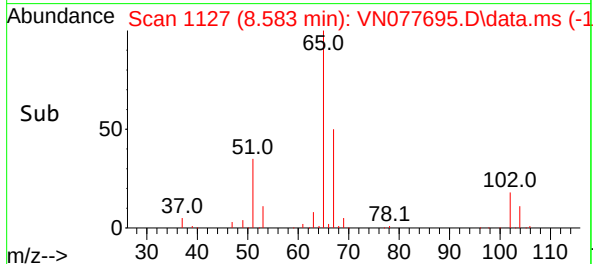
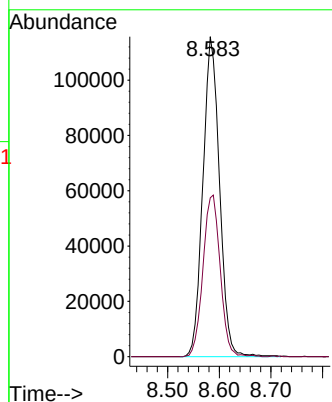
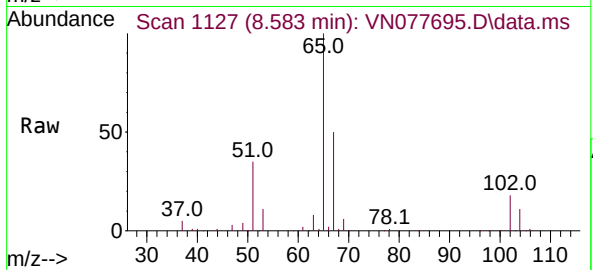




#33
 1,2-Dichloroethane-d4
 Concen: 47.408 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

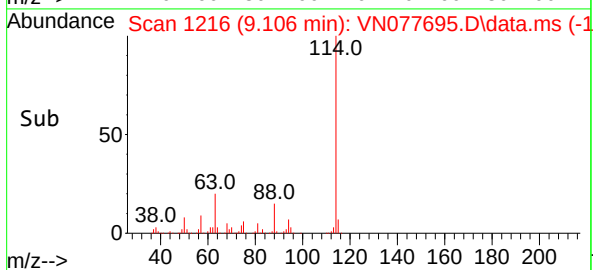
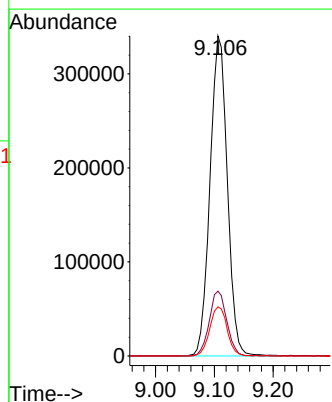
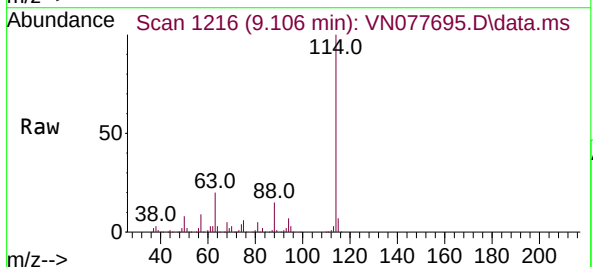
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

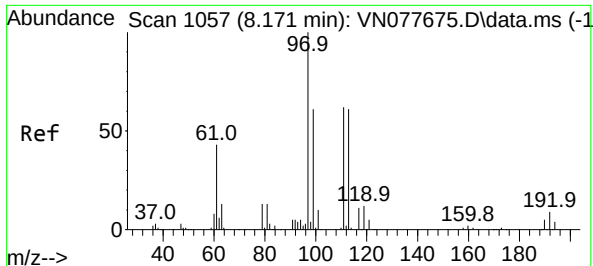
Tgt Ion: 65 Resp: 258657
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 114 Resp: 695564
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.4
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.143 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077695.D

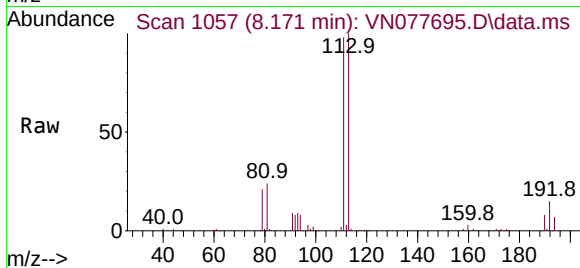
Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



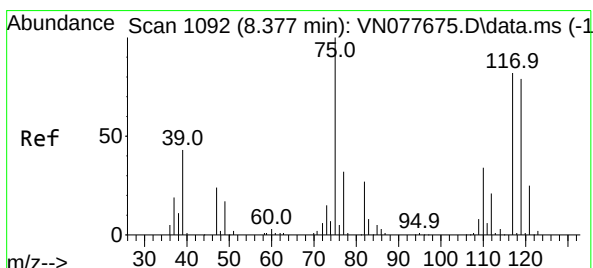
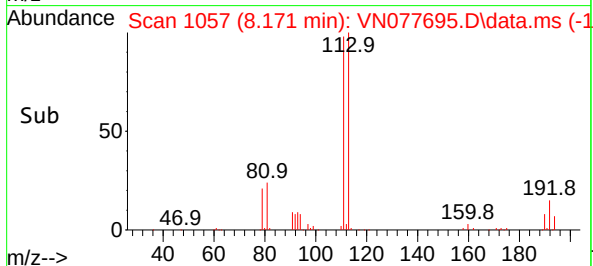
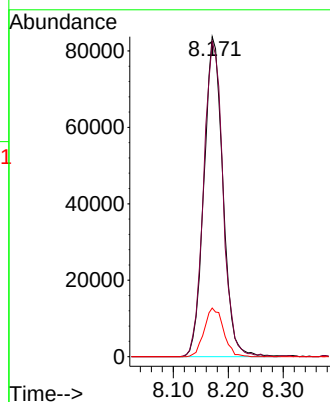
Tgt Ion:113 Resp: 200219

Ion Ratio Lower Upper

113 100

111 100.5 82.6 123.8

192 15.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 0.747 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

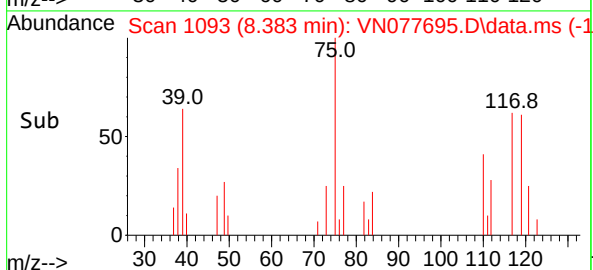
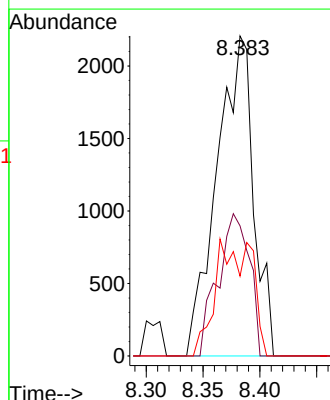
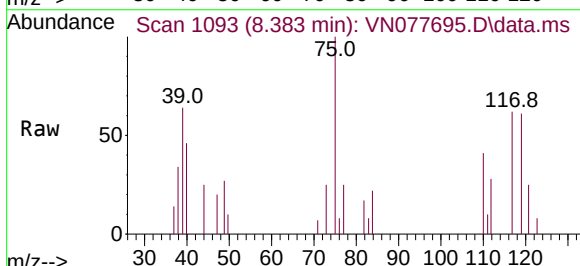
Tgt Ion: 75 Resp: 4953

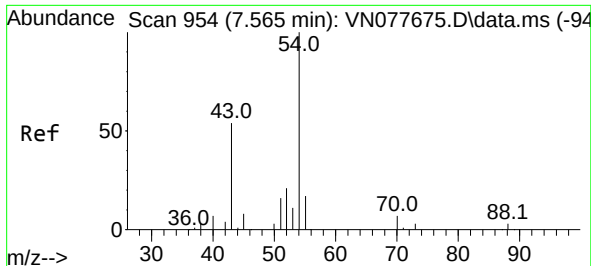
Ion Ratio Lower Upper

75 100

110 38.3 19.1 57.3

77 36.2 25.0 37.4

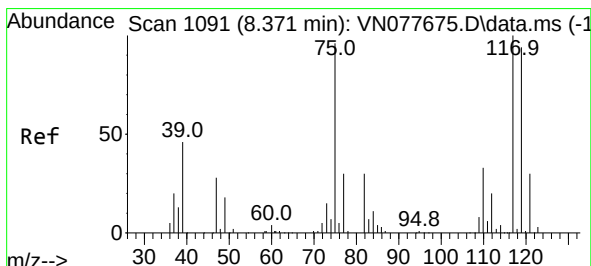
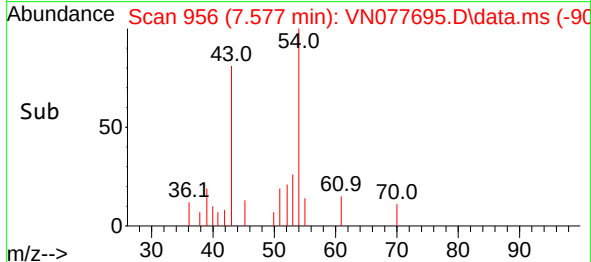
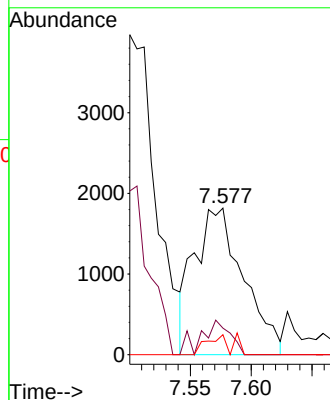
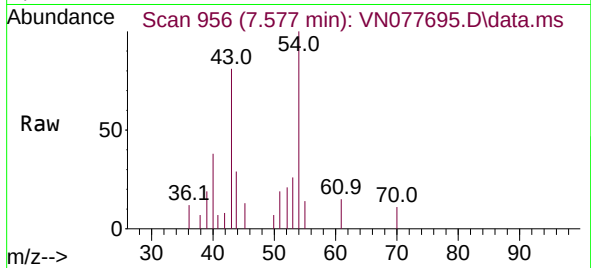




#37
Ethyl Acetate
Concen: 0.864 ug/l
RT: 7.577 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

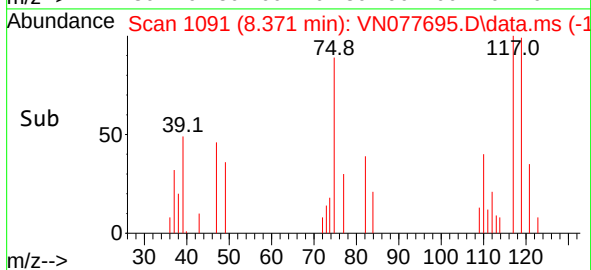
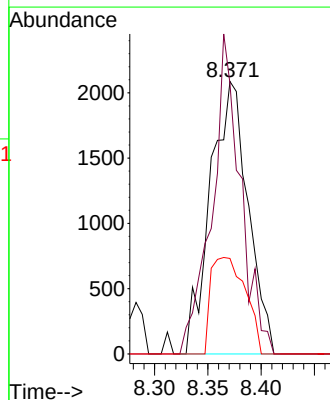
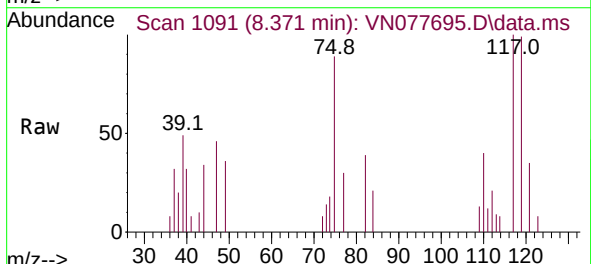
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

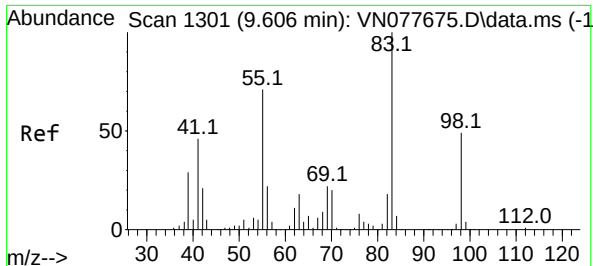
Tgt Ion: 43 Resp: 5111
Ion Ratio Lower Upper
43 100
61 11.7 13.2 19.8#
70 7.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 0.764 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 117 Resp: 5121
Ion Ratio Lower Upper
117 100
119 99.2 77.3 115.9
121 35.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.642 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

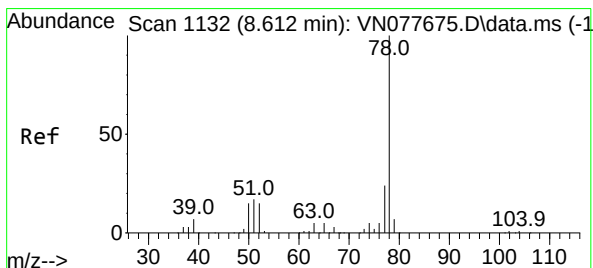
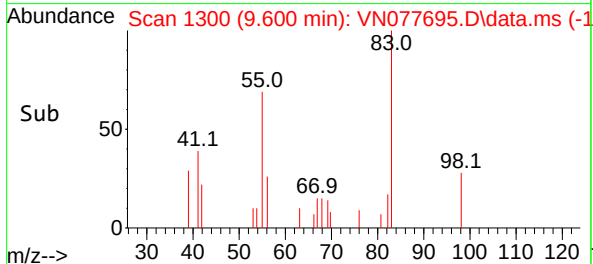
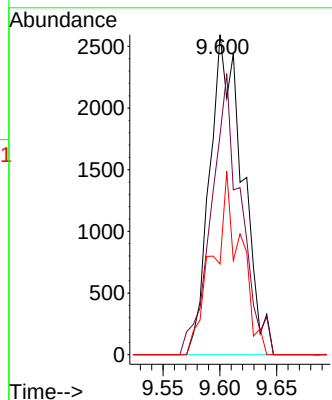
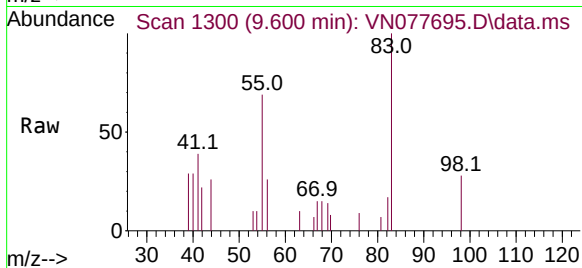
Tgt Ion: 83 Resp: 5214

Ion Ratio Lower Upper

83 100

55 68.6 49.1 73.7

98 28.3 40.6 61.0#



#40

Benzene

Concen: 0.743 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN077695.D

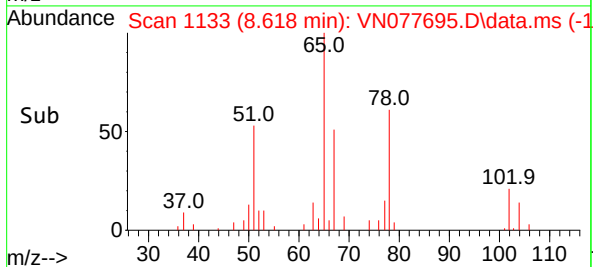
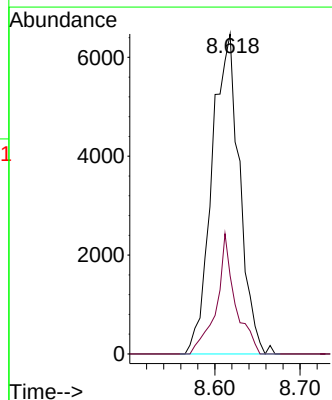
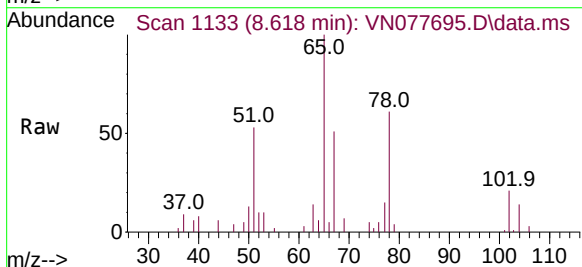
Acq: 16 May 2023 16:14

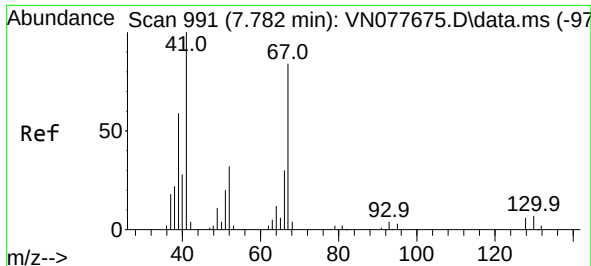
Tgt Ion: 78 Resp: 14555

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6

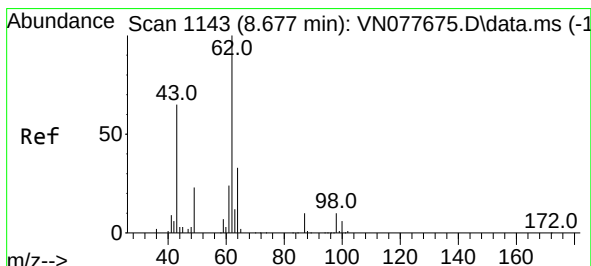
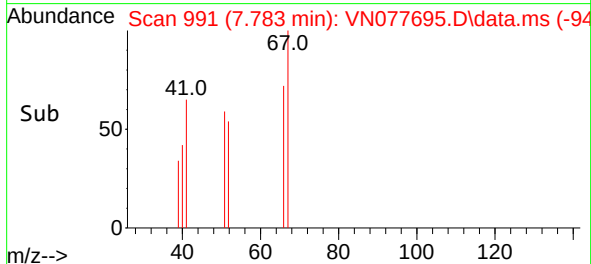
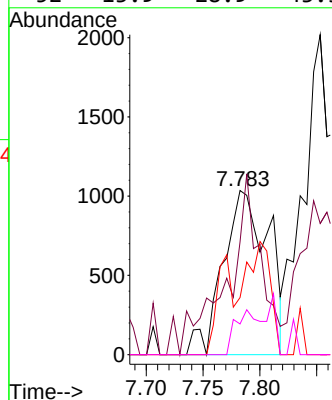
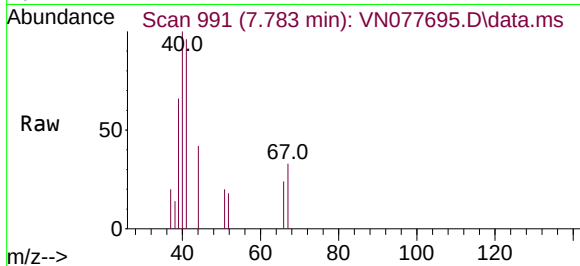




#41
Methacrylonitrile
Concen: 0.915 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

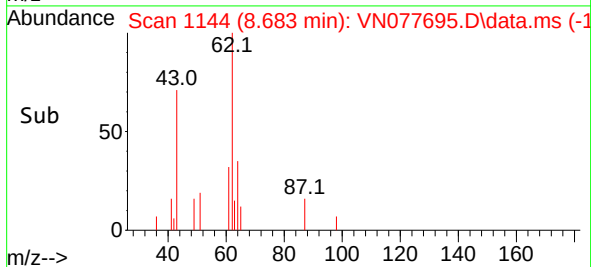
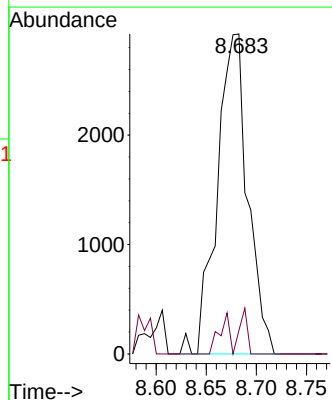
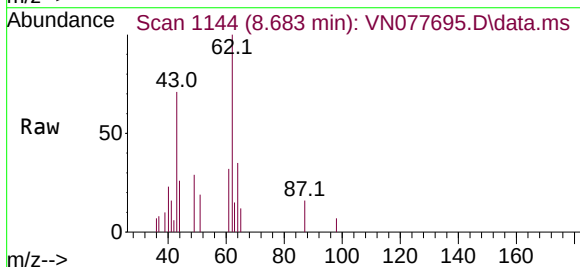
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

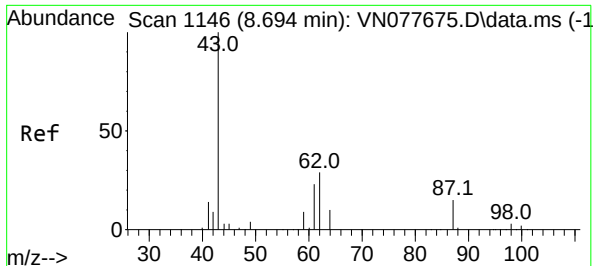
Tgt Ion: 41	Resp: 2880
Ion Ratio	Lower Upper
41 100	
39 84.1	42.6 64.0#
67 20.5	77.5 116.3#
52 13.9	28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.874 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 62	Resp: 6214
Ion Ratio	Lower Upper
62 100	
98 3.6	0.0 19.8

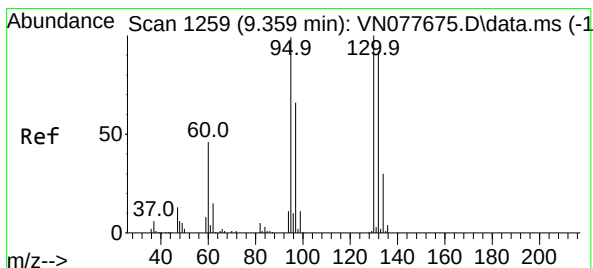
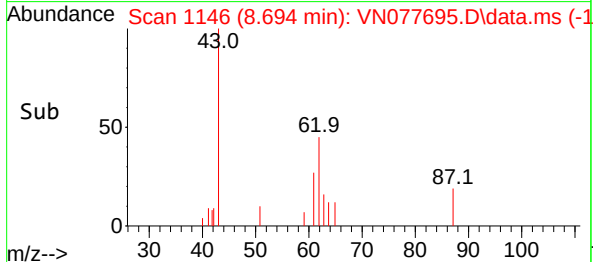
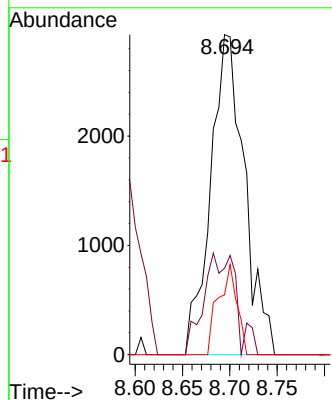
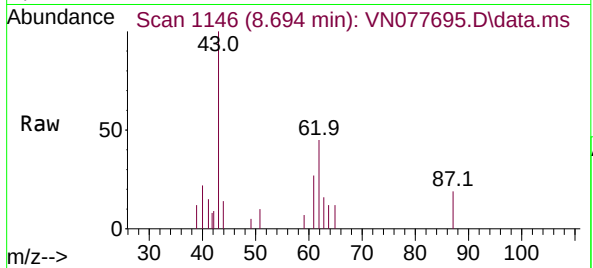




#43
Isopropyl Acetate
Concen: 0.755 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

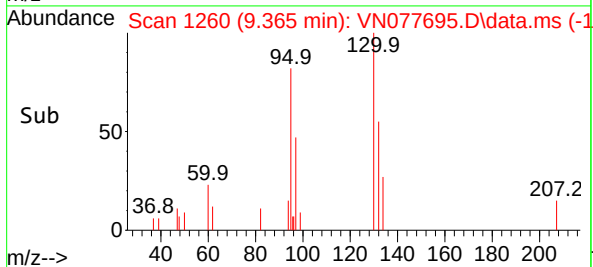
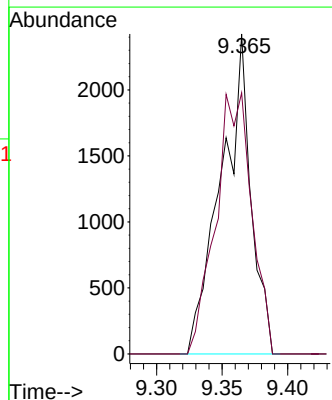
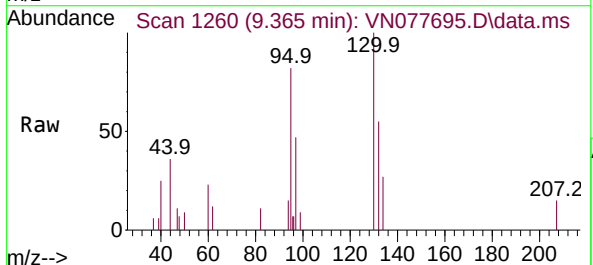
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

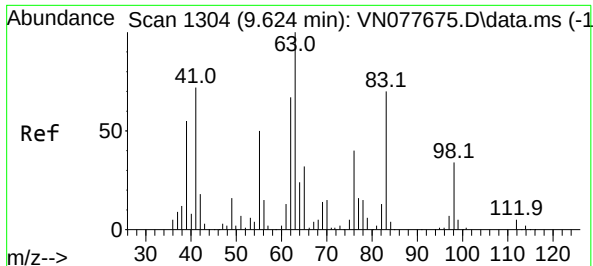
Tgt Ion: 43 Resp: 7293
Ion Ratio Lower Upper
43 100
61 30.5 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 0.774 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 130 Resp: 3835
Ion Ratio Lower Upper
130 100
95 81.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.703 ug/l

RT: 9.635 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

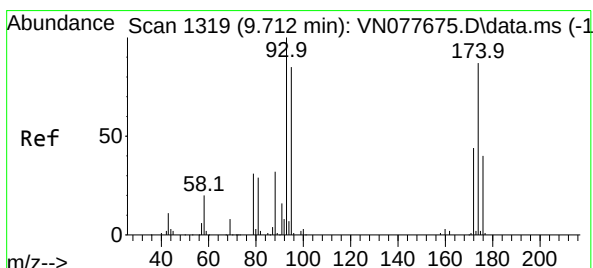
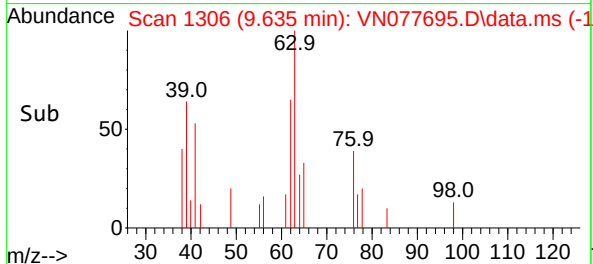
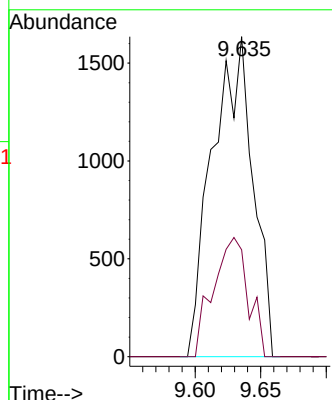
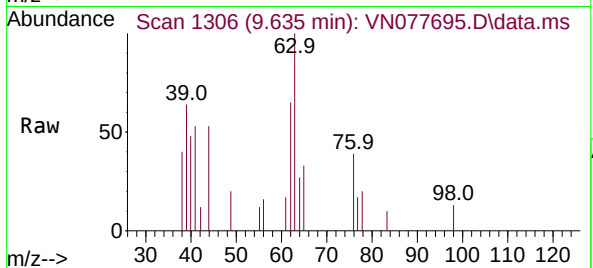
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 3512

Ion Ratio Lower Upper

63 100

65 33.4 23.9 35.9



#46

Dibromomethane

Concen: 0.818 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

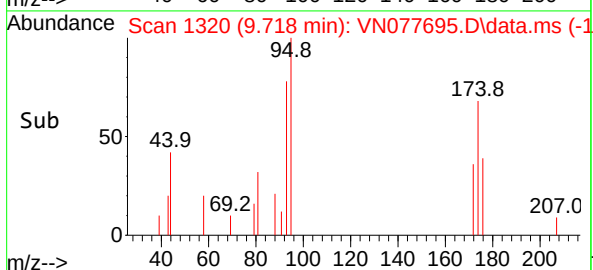
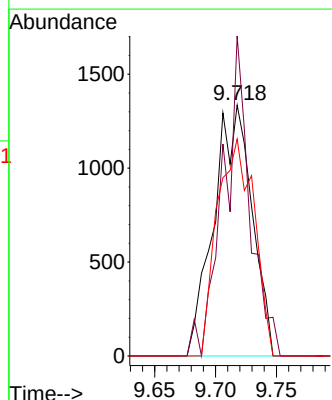
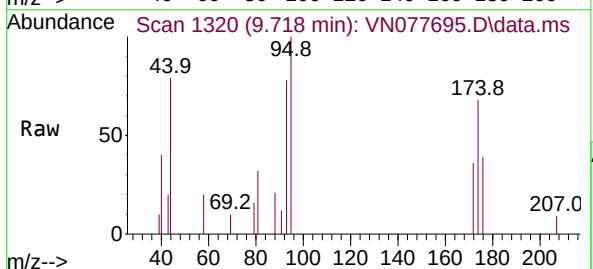
Tgt Ion: 93 Resp: 2924

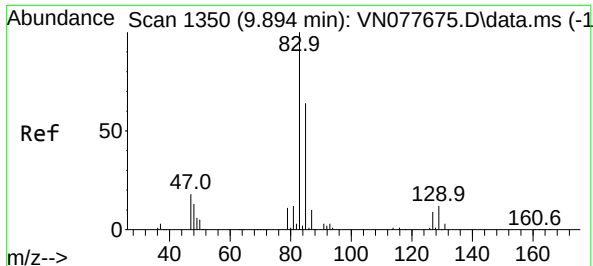
Ion Ratio Lower Upper

93 100

95 89.0 63.8 95.8

174 83.0 65.6 98.4

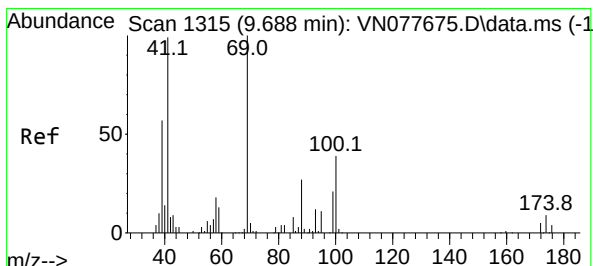
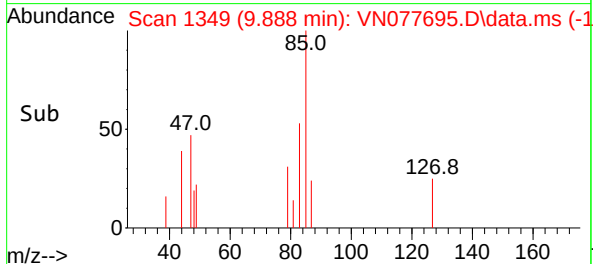
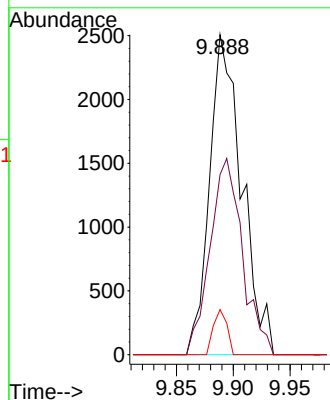
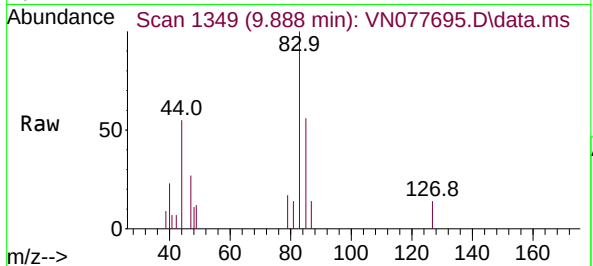




#47
Bromodichloromethane
Concen: 0.723 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

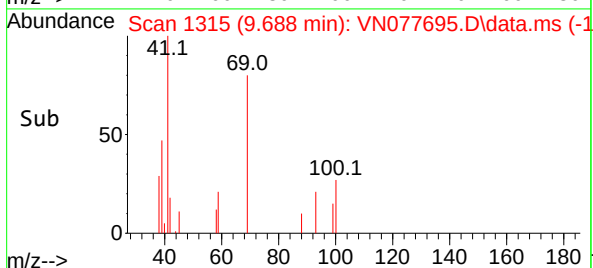
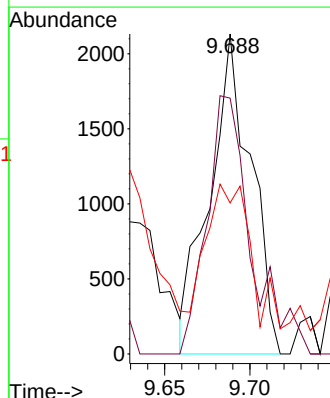
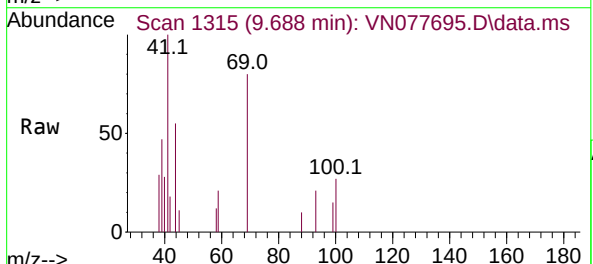
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

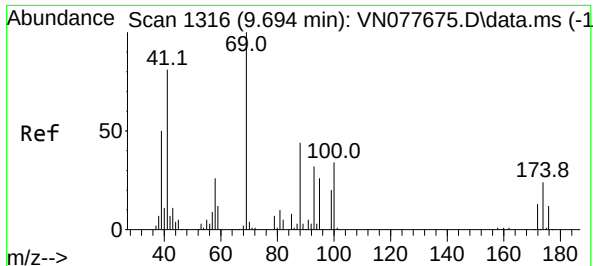
Tgt Ion: 83 Resp: 4947
Ion Ratio Lower Upper
83 100
85 56.3 49.6 74.4
127 14.1 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.785 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 41 Resp: 3594
Ion Ratio Lower Upper
41 100
69 86.2 90.4 135.6#
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 16.256 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

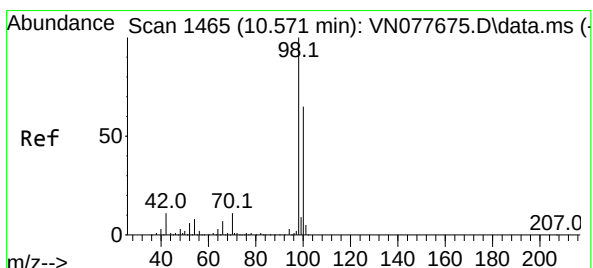
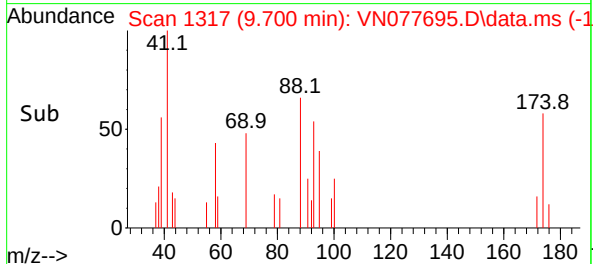
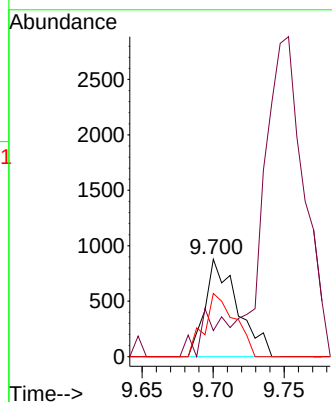
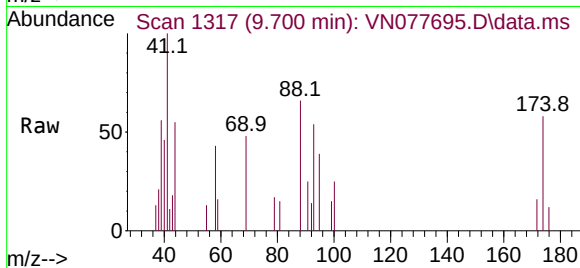
Tgt Ion: 88 Resp: 1406

Ion Ratio Lower Upper

88 100

43 37.2 17.0 25.6#

58 60.4 47.0 70.4



#50

Toluene-d8

Concen: 42.162 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077695.D

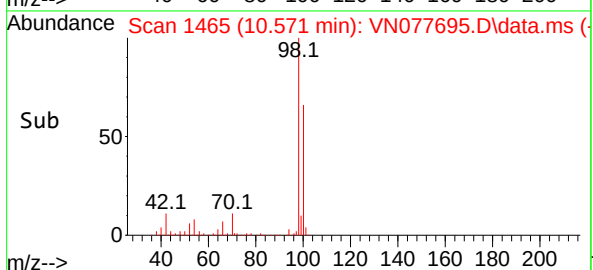
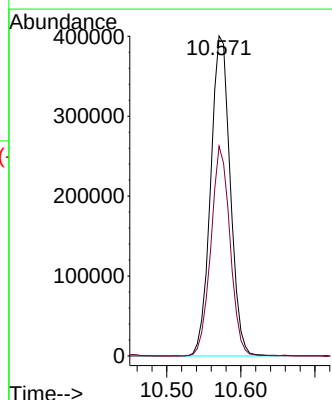
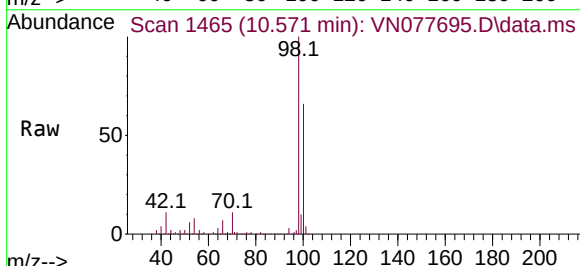
Acq: 16 May 2023 16:14

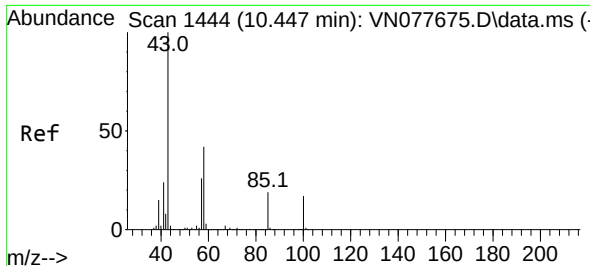
Tgt Ion: 98 Resp: 736081

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

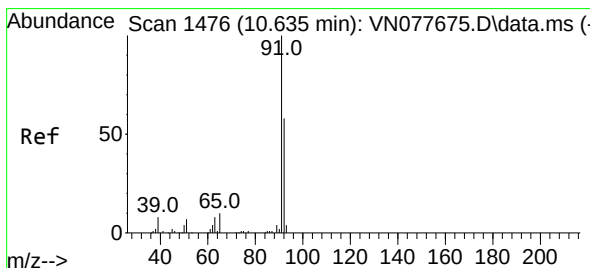
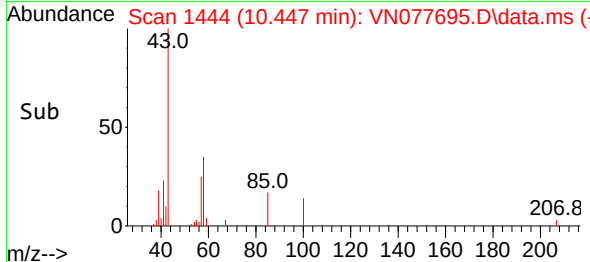
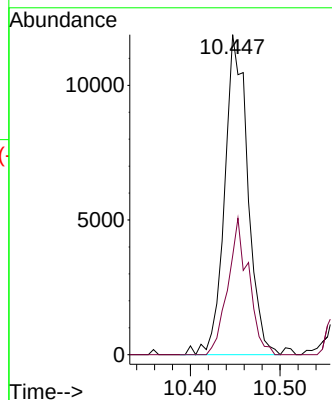
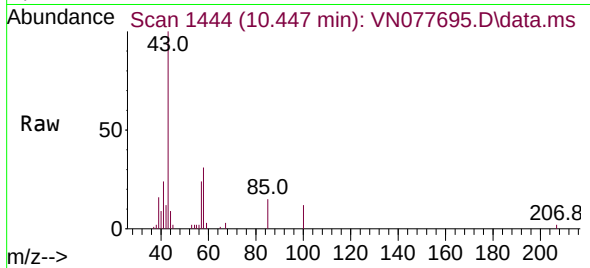




#51
4-Methyl-2-Pentanone
Concen: 3.705 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

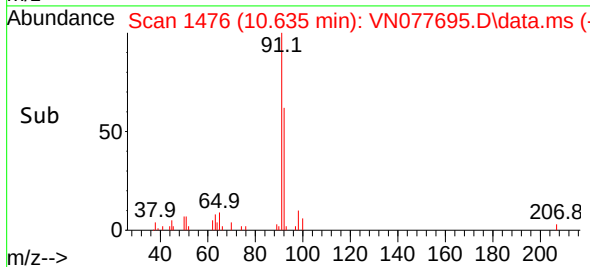
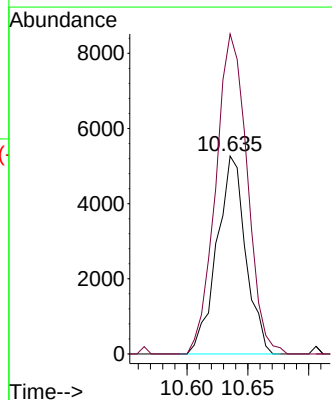
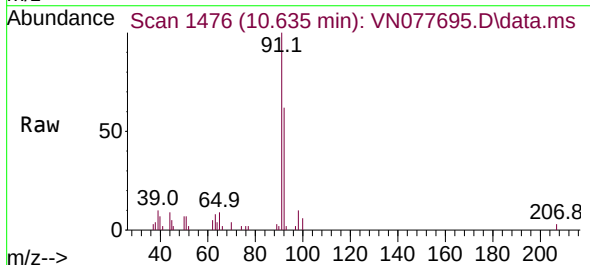
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

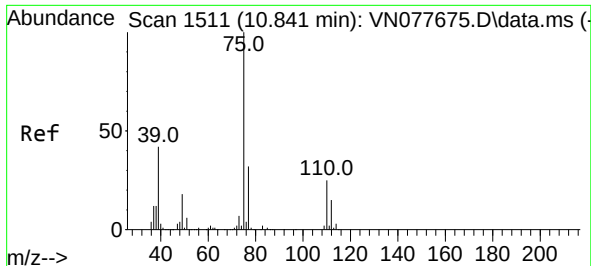
Tgt Ion: 43 Resp: 21268
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8



#52
Toluene
Concen: 0.713 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 92 Resp: 8695
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

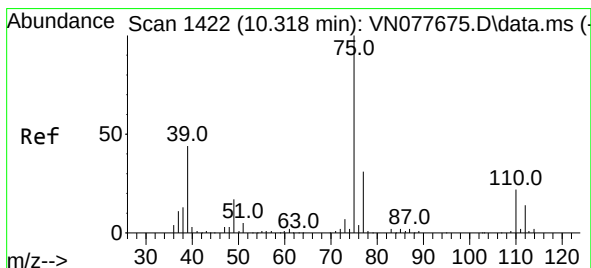
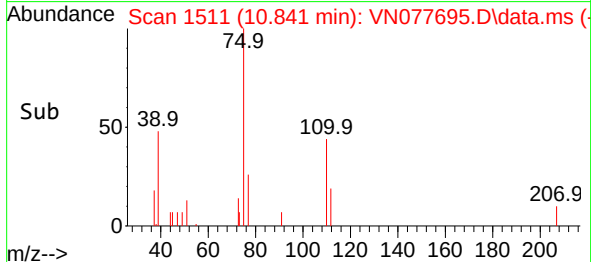
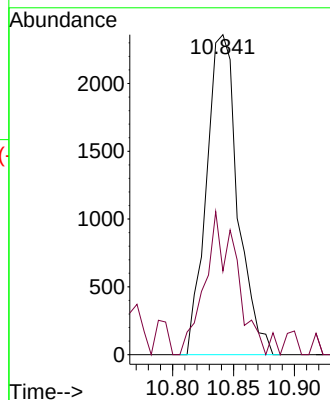
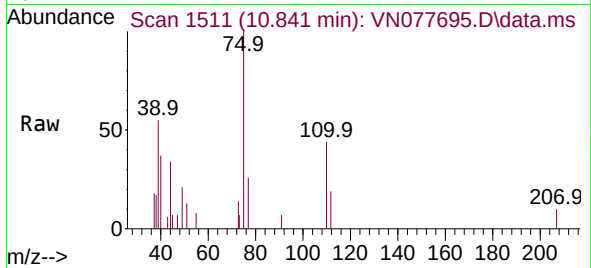




#53
 t-1,3-Dichloropropene
 Concen: 0.584 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

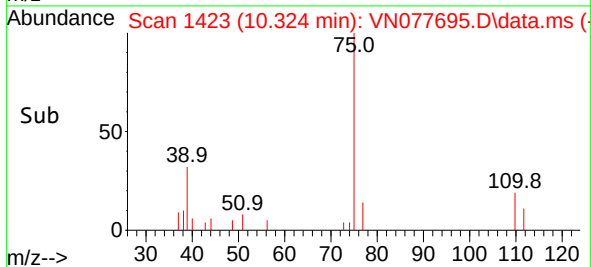
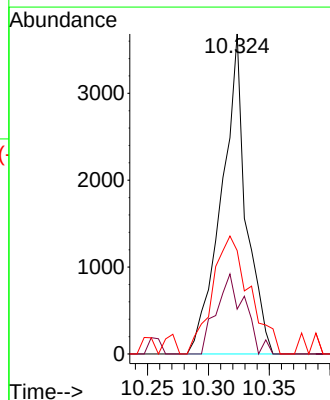
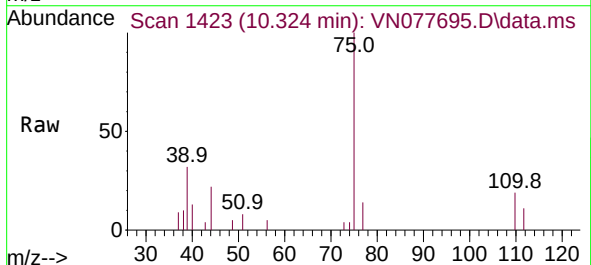
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

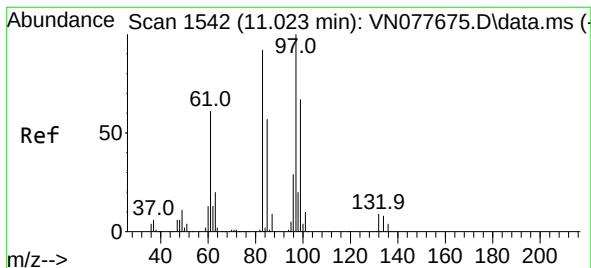
Tgt Ion: 75 Resp: 4233
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.648 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN077695.D
 Acq: 16 May 2023 16:14

Tgt Ion: 75 Resp: 5174
 Ion Ratio Lower Upper
 75 100
 77 14.0 26.1 39.1#
 39 32.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 0.831 ug/l

RT: 11.029 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 97 Resp: 4021

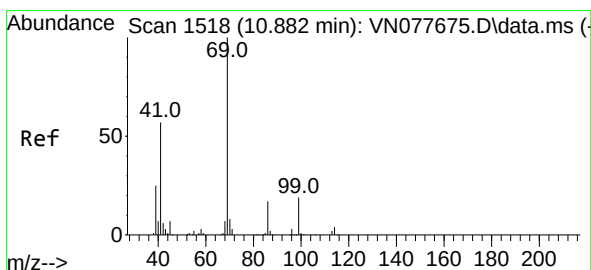
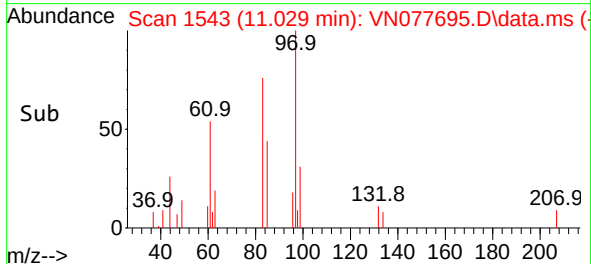
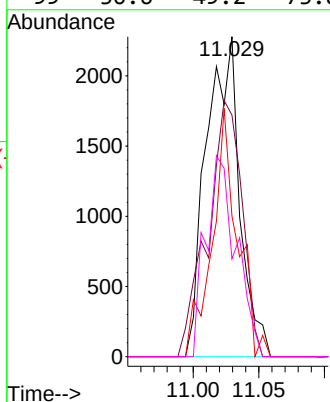
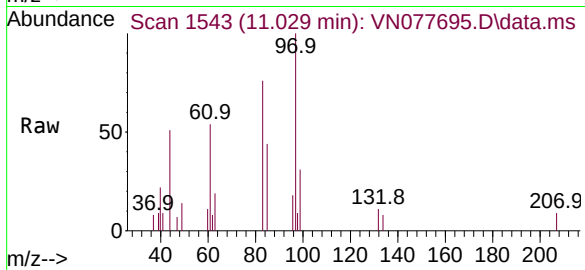
Ion Ratio Lower Upper

97 100

83 75.5 65.1 97.7

85 44.0 43.4 65.2

99 30.6 49.2 73.8#



#56

Ethyl methacrylate

Concen: 0.691 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

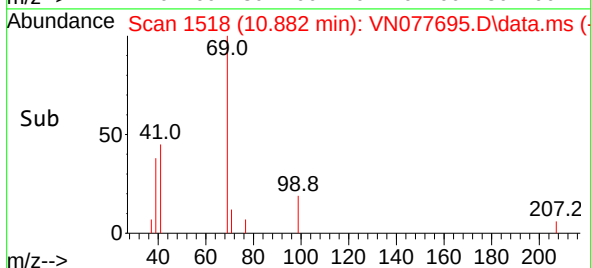
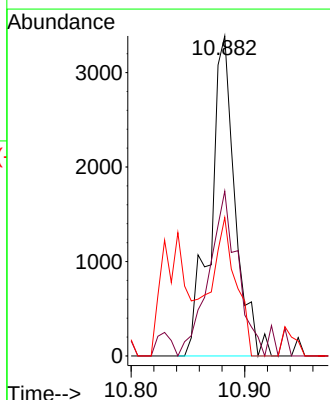
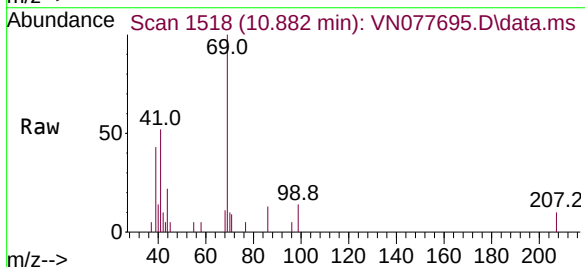
Tgt Ion: 69 Resp: 5058

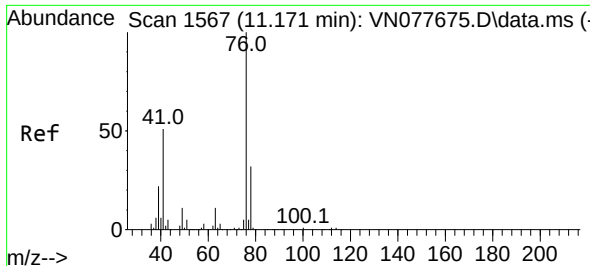
Ion Ratio Lower Upper

69 100

41 61.1 39.6 59.4#

39 42.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 0.728 ug/l

RT: 11.176 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

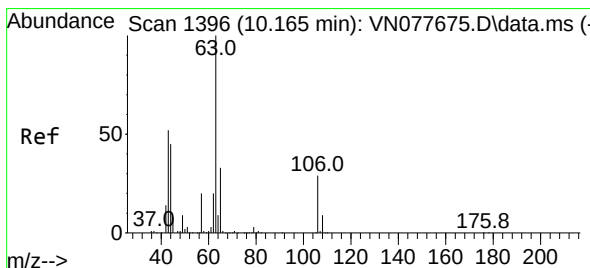
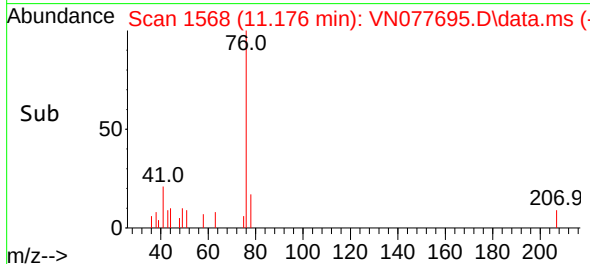
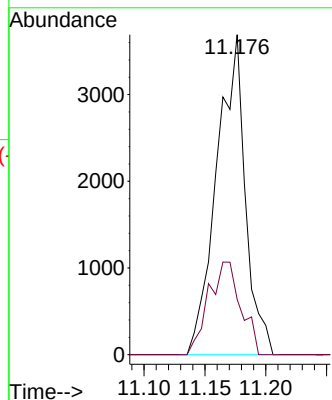
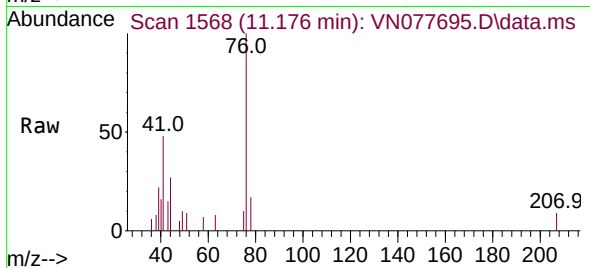
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 6036

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.497 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077695.D

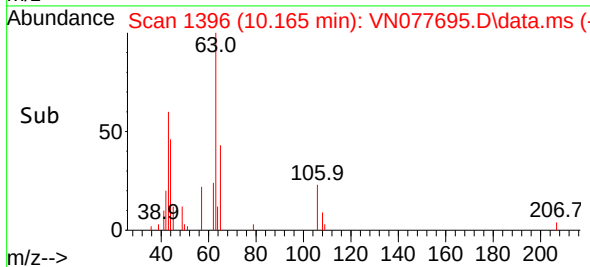
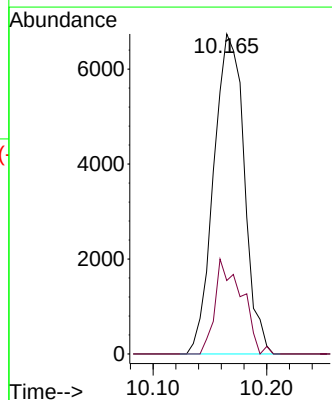
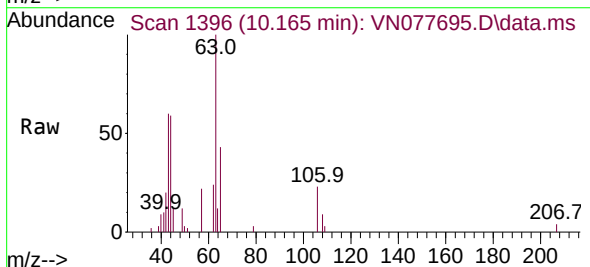
Acq: 16 May 2023 16:14

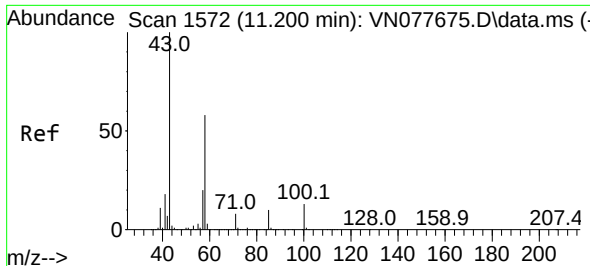
Tgt Ion: 63 Resp: 12589

Ion Ratio Lower Upper

63 100

106 26.1 26.2 39.4#

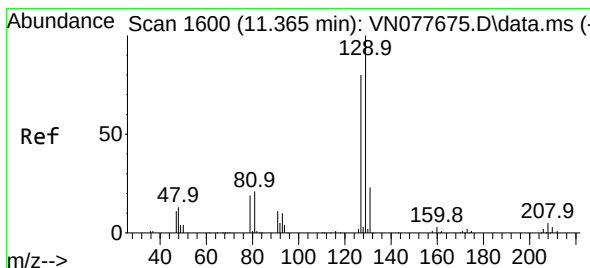
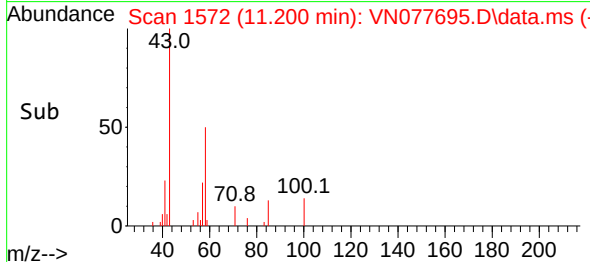
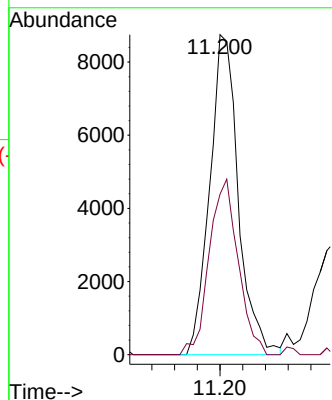
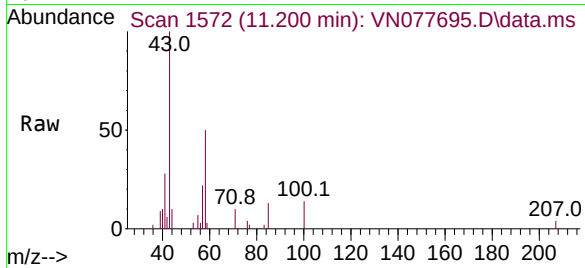




#59
2-Hexanone
Concen: 3.612 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

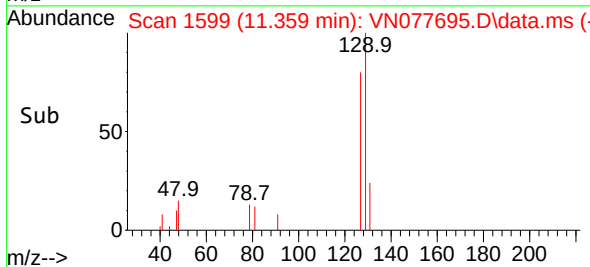
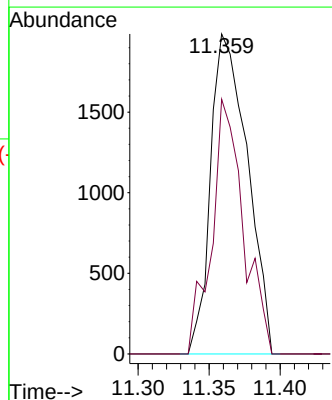
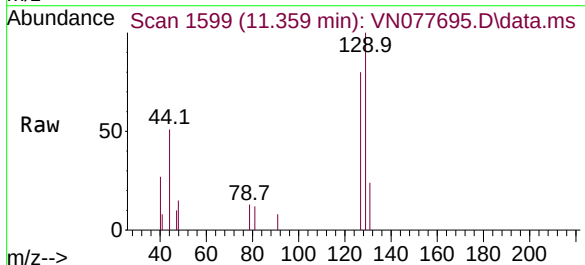
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

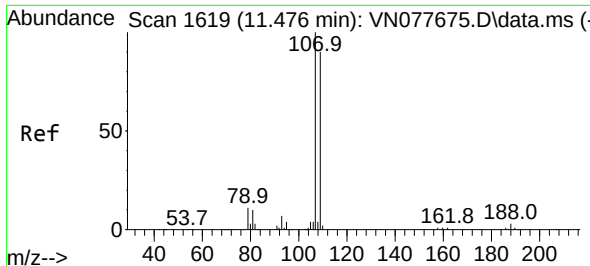
Tgt Ion: 43 Resp: 15338
Ion Ratio Lower Upper
43 100
58 55.4 31.7 95.1



#60
Dibromochloromethane
Concen: 0.714 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 129 Resp: 3569
Ion Ratio Lower Upper
129 100
127 68.8 38.6 116.0

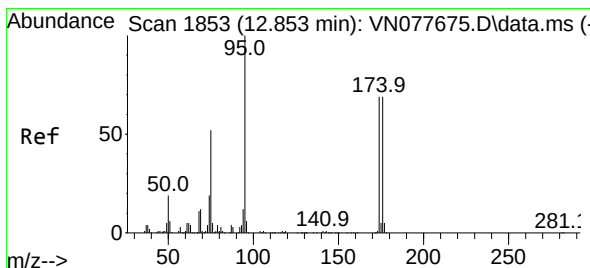
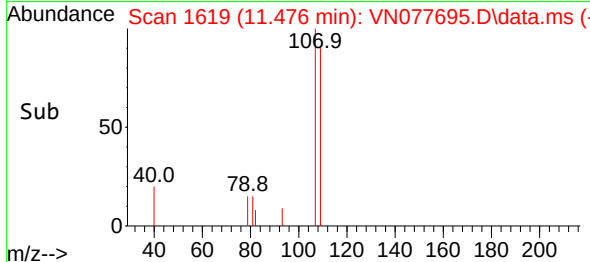
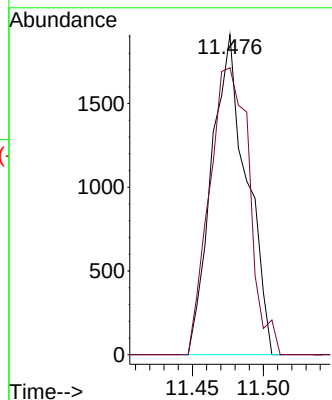
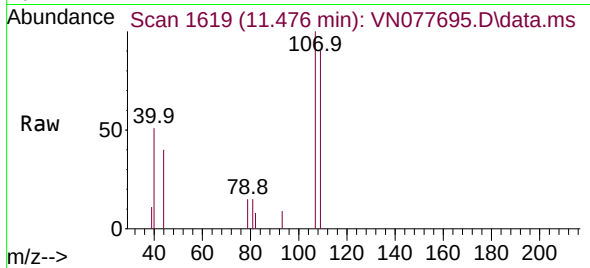




#61
1,2-Dibromoethane
Concen: 0.680 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

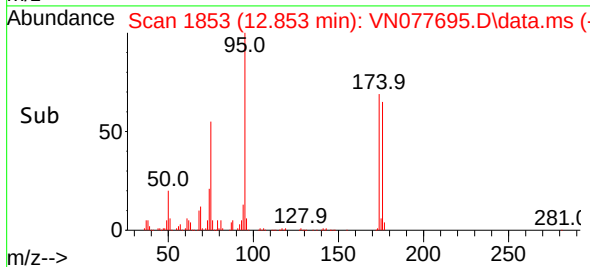
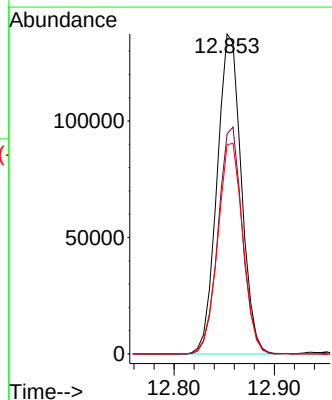
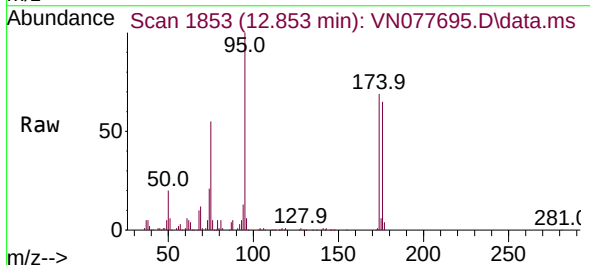
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

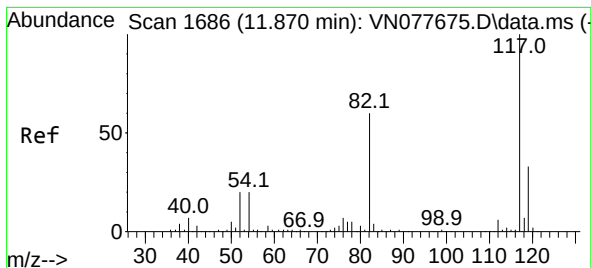
Tgt Ion:107 Resp: 3284
Ion Ratio Lower Upper
107 100
109 101.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 37.371 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 95 Resp: 230426
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 68.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

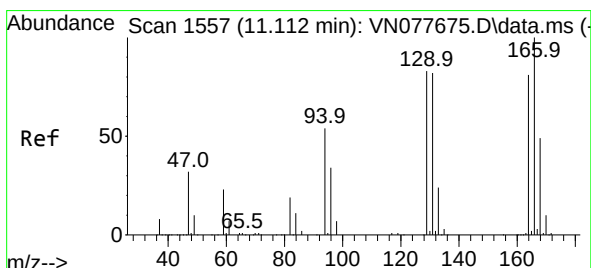
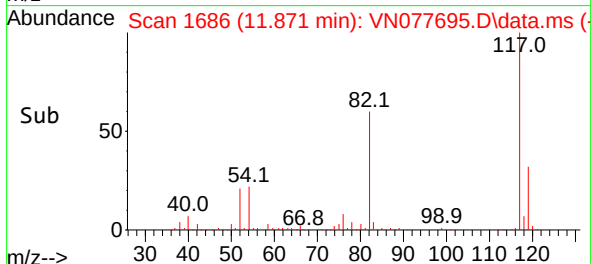
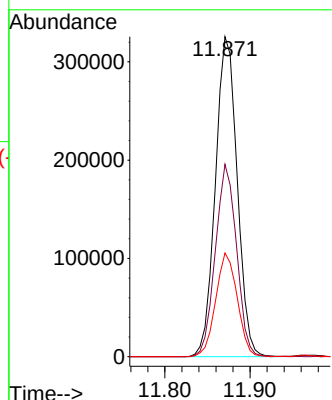
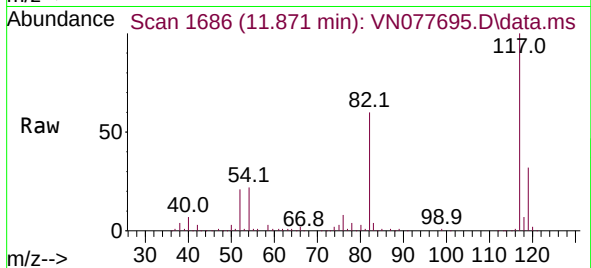
Tgt Ion:117 Resp: 579496

Ion Ratio Lower Upper

117 100

82 60.1 44.0 66.0

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 0.795 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Tgt Ion:164 Resp: 3223

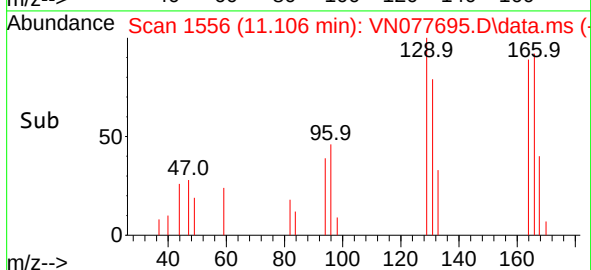
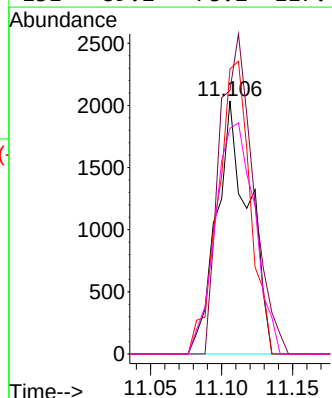
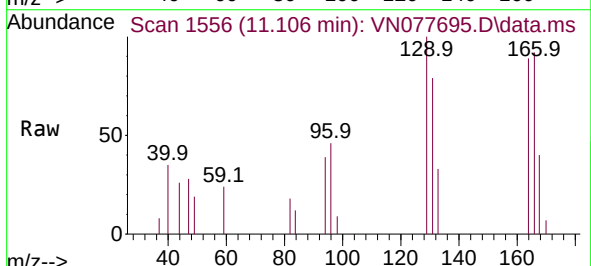
Ion Ratio Lower Upper

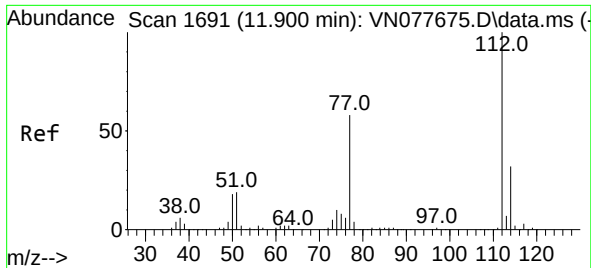
164 100

166 104.2 101.4 152.0

129 112.6 82.4 123.6

131 89.2 78.2 117.4

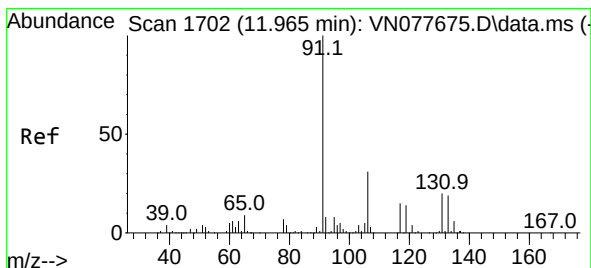
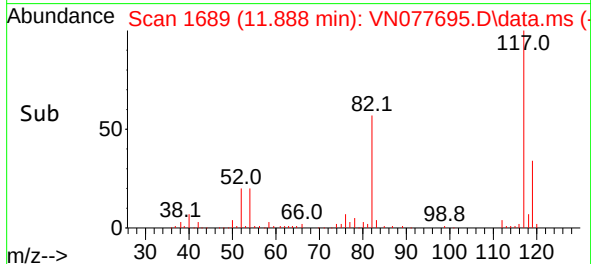
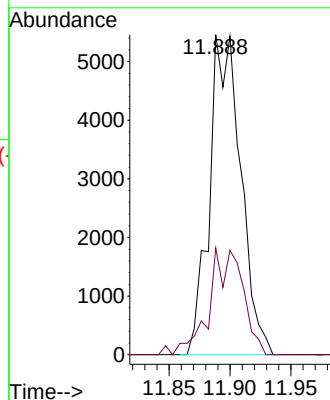
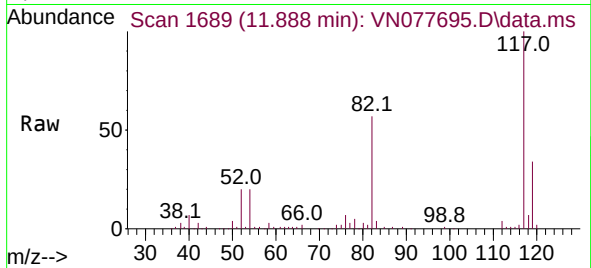




#65
Chlorobenzene
Concen: 0.776 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

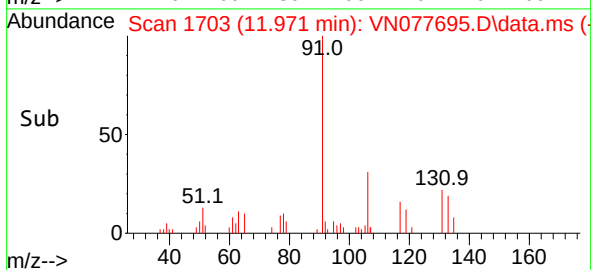
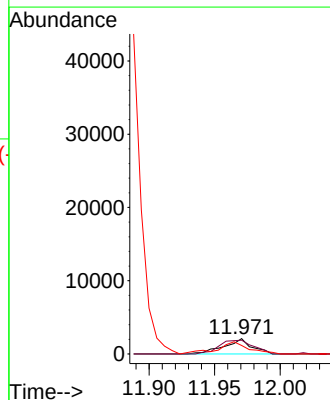
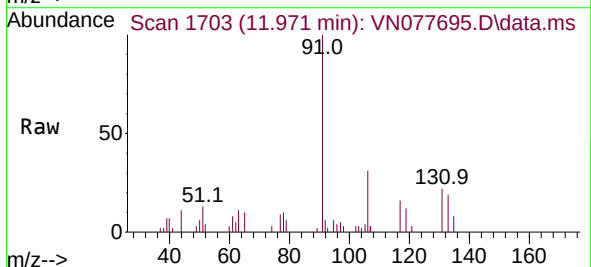
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

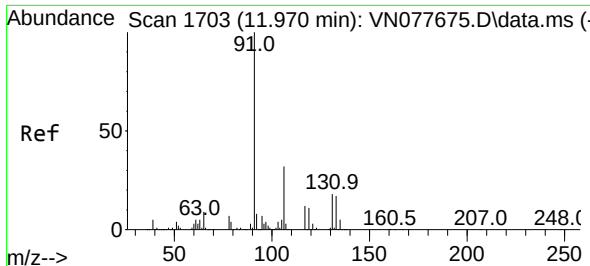
Tgt Ion:112 Resp: 9745
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.702 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:131 Resp: 3052
Ion Ratio Lower Upper
131 100
133 112.3 46.4 139.1
119 0.0 34.1 102.2#

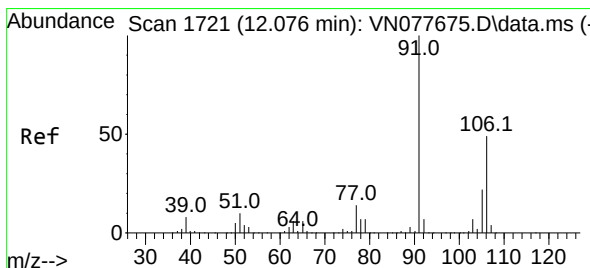
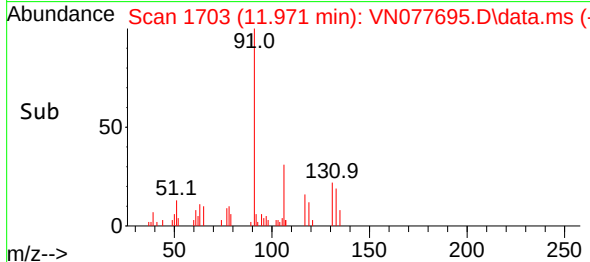
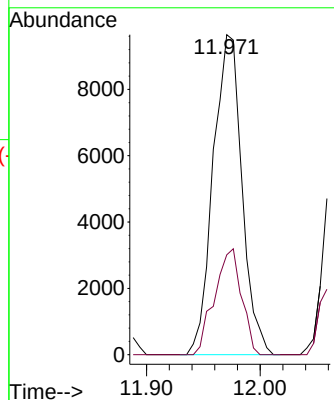
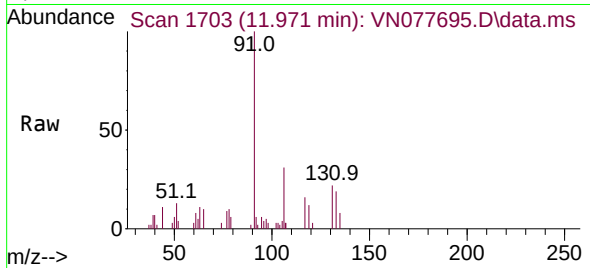




#67
Ethyl Benzene
Concen: 0.756 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

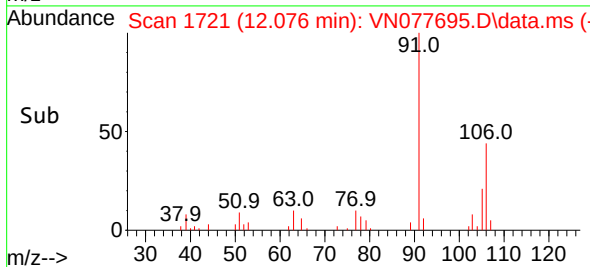
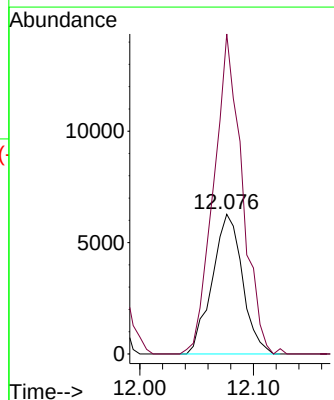
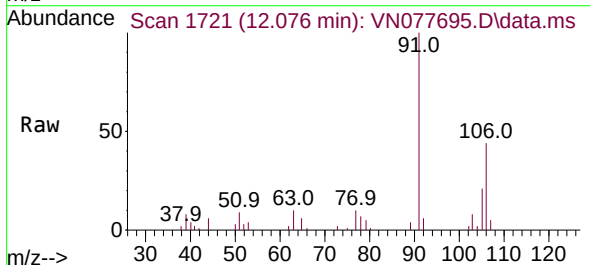
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

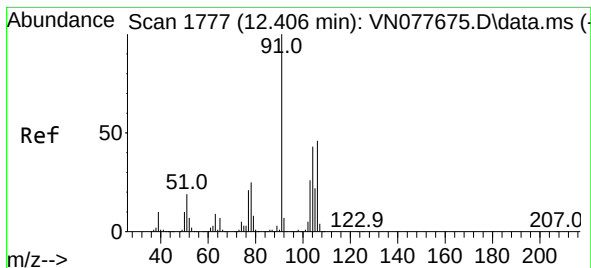
Tgt Ion: 91 Resp: 17010
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 1.360 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:106 Resp: 11599
Ion Ratio Lower Upper
106 100
91 216.3 159.6 239.4





#69

o-Xylene

Concen: 0.737 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

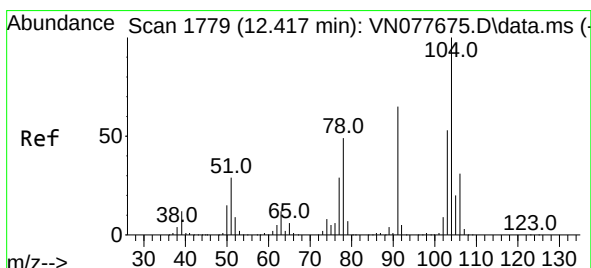
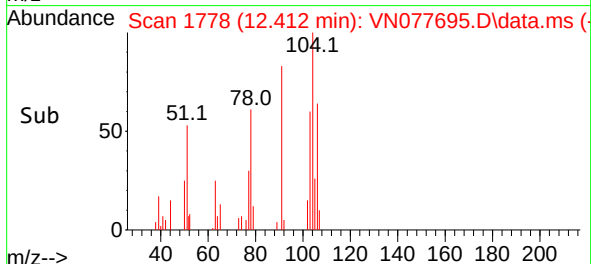
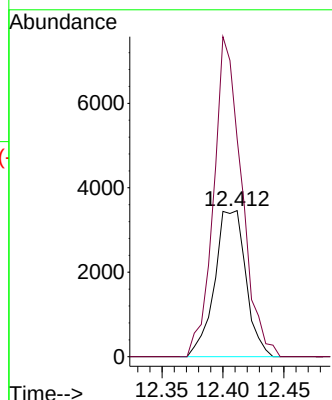
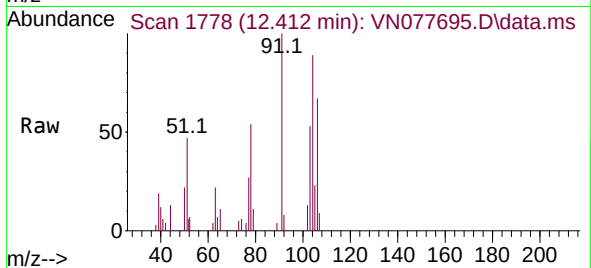
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 6182

Ion Ratio Lower Upper

106 100

91 195.3 105.2 315.5



#70

Styrene

Concen: 0.711 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.001 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

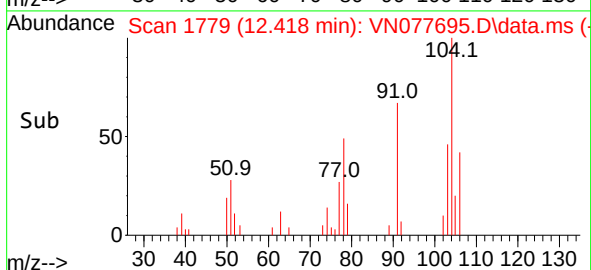
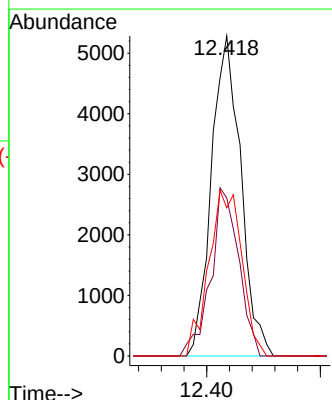
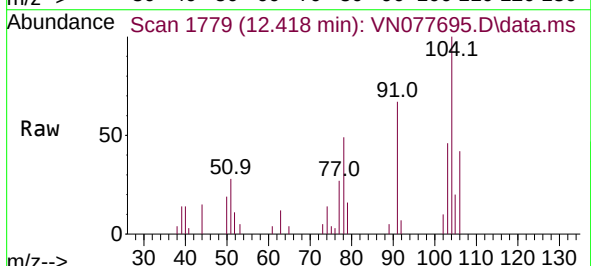
Tgt Ion:104 Resp: 9479

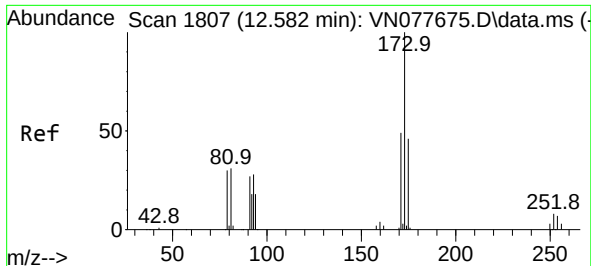
Ion Ratio Lower Upper

104 100

78 49.8 39.5 59.3

103 58.0 43.2 64.8

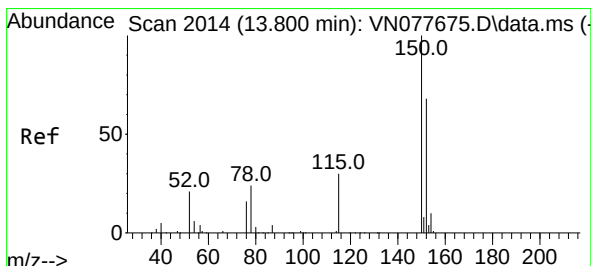
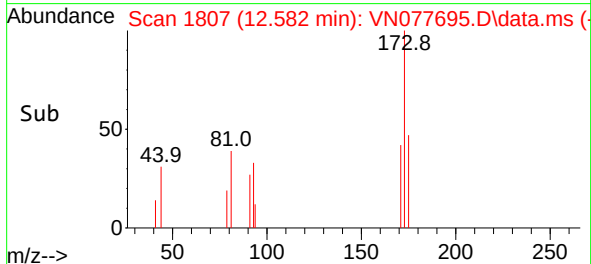
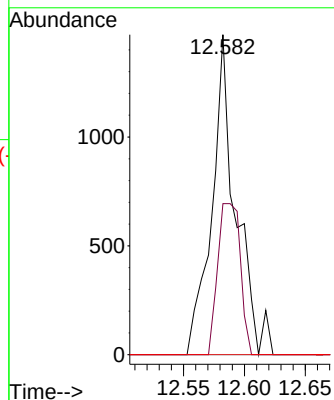
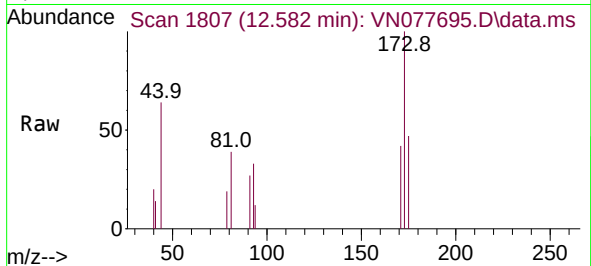




#71
Bromoform
Concen: 0.697 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

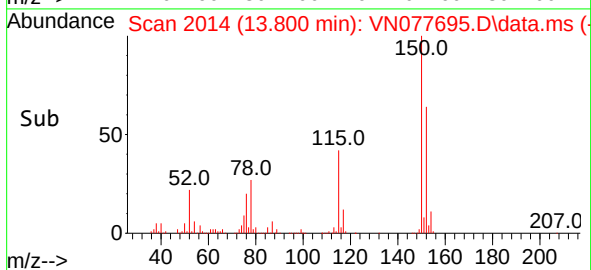
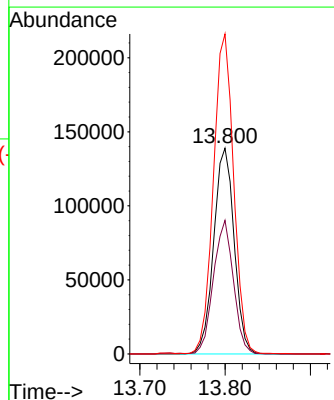
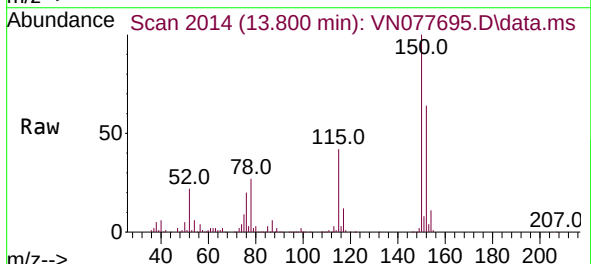
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

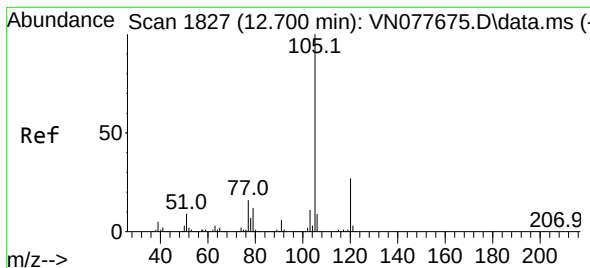
Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.4	24.3	73.0
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.3	96.8
150	154.1	0.0	355.8





#73

Isopropylbenzene

Concen: 0.772 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

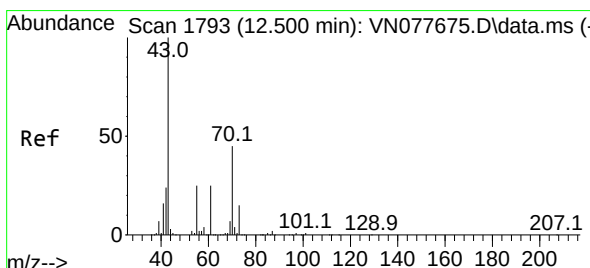
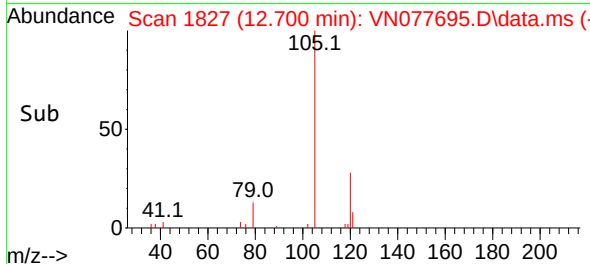
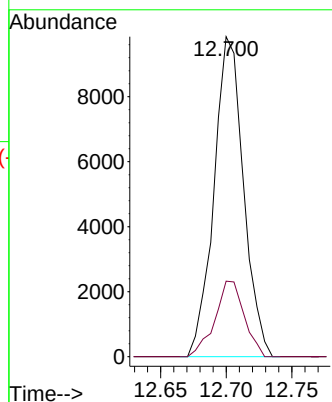
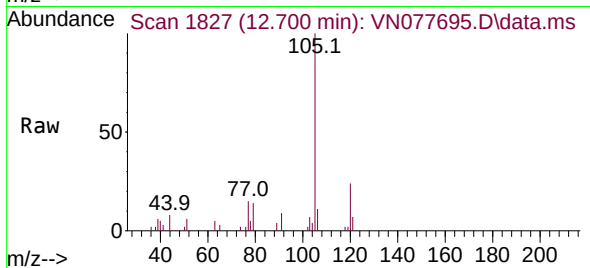
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 15422

Ion Ratio Lower Upper

105 100

120 23.4 13.1 39.1



#74

N-ethyl acetate

Concen: 0.741 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Tgt Ion: 43 Resp: 5468

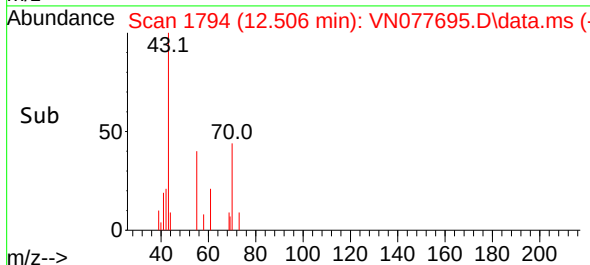
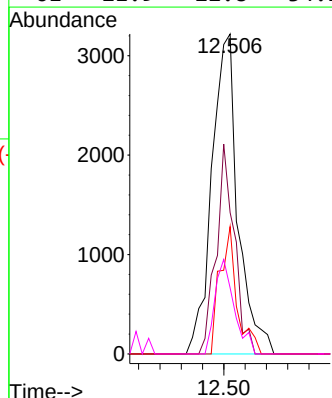
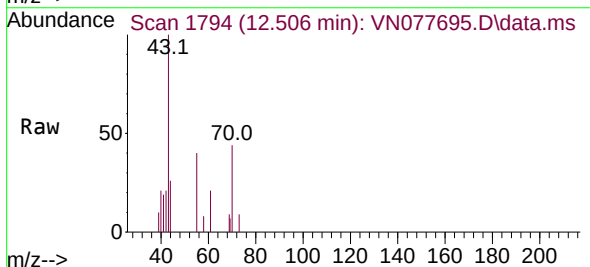
Ion Ratio Lower Upper

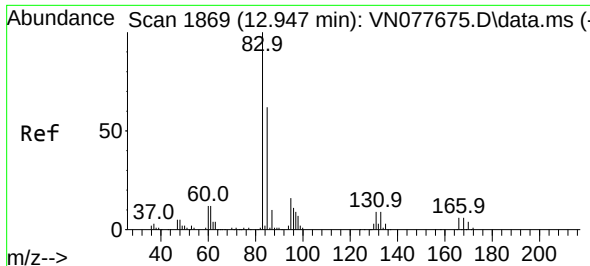
43 100

70 45.5 43.4 65.2

55 26.2 21.4 32.0

61 21.9 22.8 34.2#

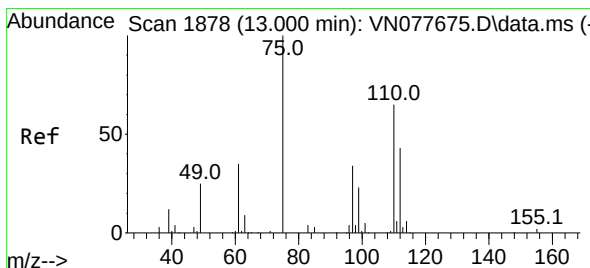
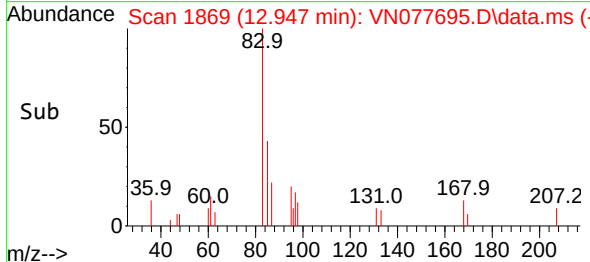
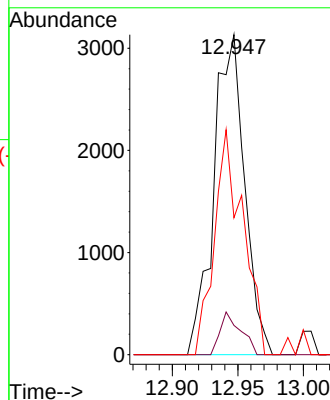
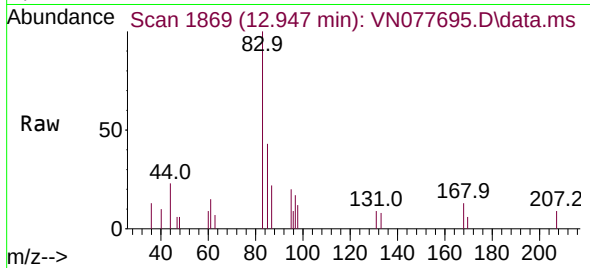




#75
1,1,2,2-Tetrachloroethane
Concen: 0.834 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

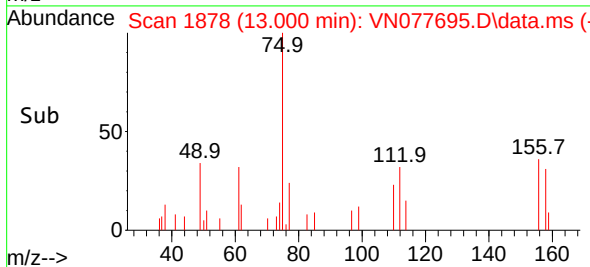
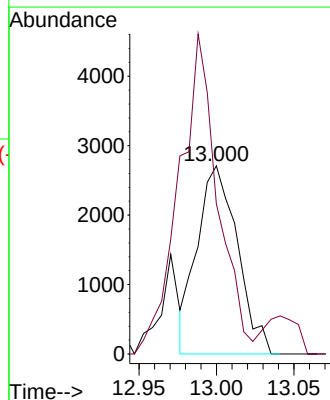
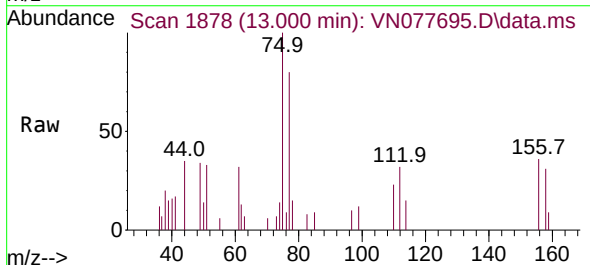
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

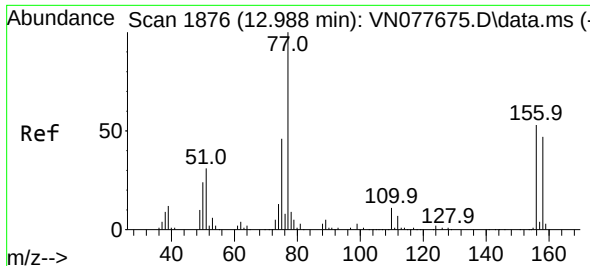
Tgt Ion: 83 Resp: 5123
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 0.842 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 75 Resp: 4885
Ion Ratio Lower Upper
75 100
77 164.0 84.5 253.5

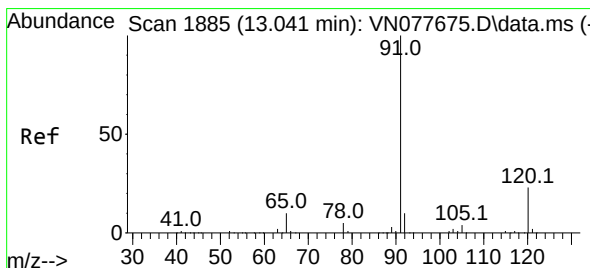
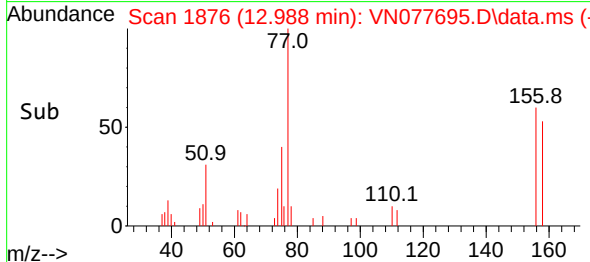
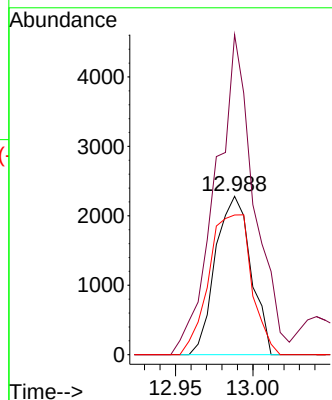
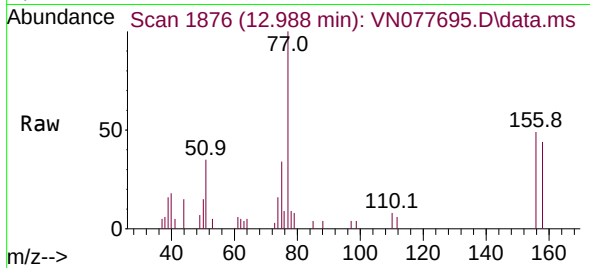




#77
Bromobenzene
Concen: 0.796 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

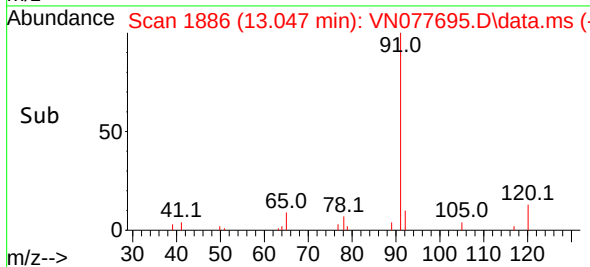
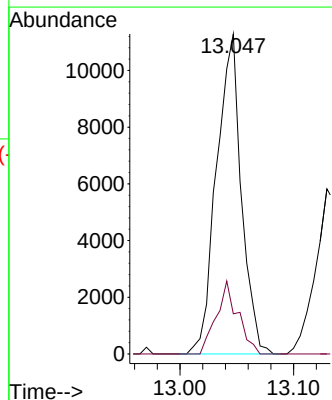
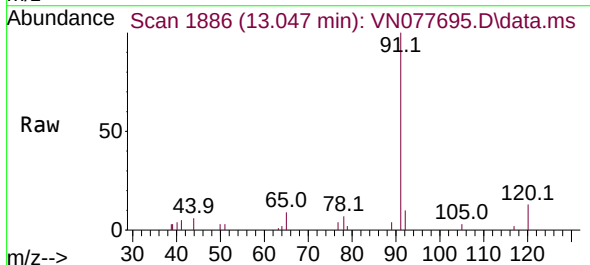
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

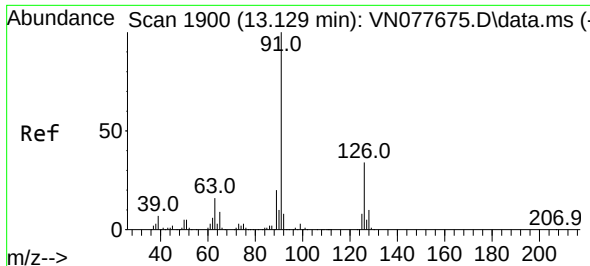
Tgt Ion:156 Resp: 3628
Ion Ratio Lower Upper
156 100
77 220.8 107.7 323.3
158 106.4 48.4 145.3



#78
n-propylbenzene
Concen: 0.730 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 91 Resp: 17186
Ion Ratio Lower Upper
91 100
120 19.6 11.5 34.4

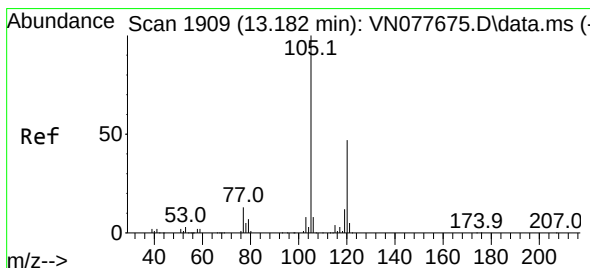
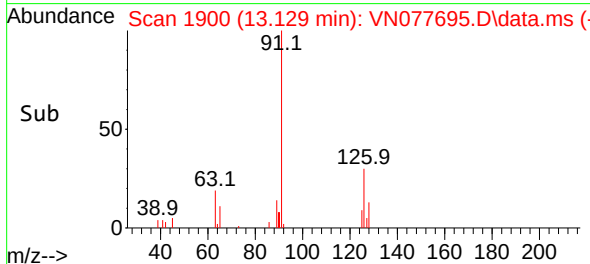
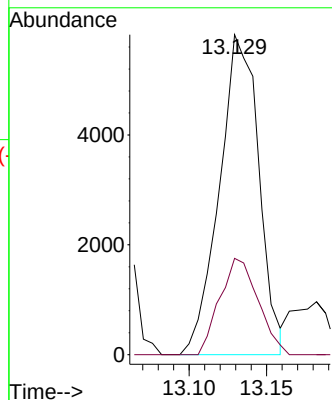
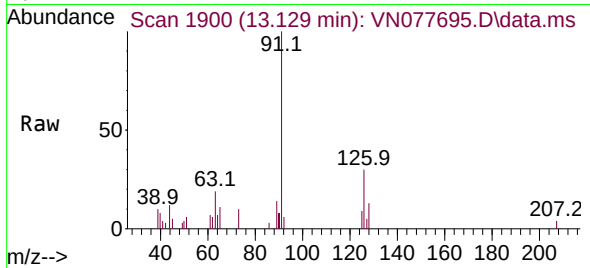




#79
2-Chlorotoluene
Concen: 0.733 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

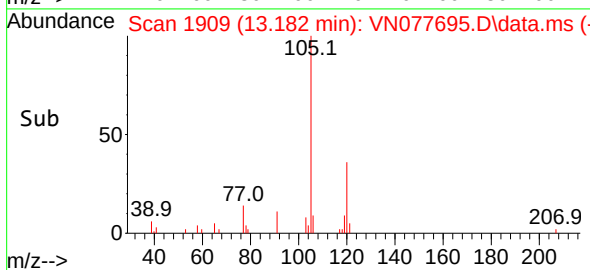
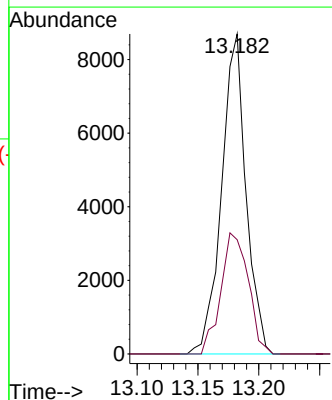
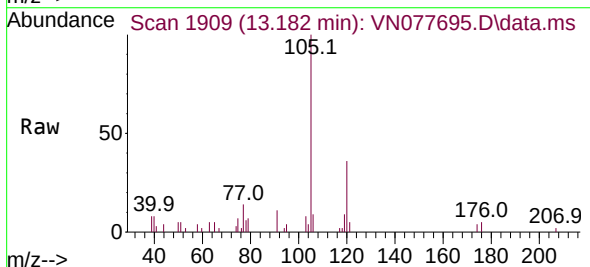
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

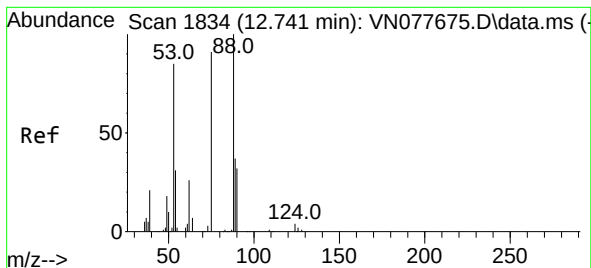
Tgt Ion: 91 Resp: 10299
Ion Ratio Lower Upper
91 100
126 29.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.723 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 105 Resp: 12129
Ion Ratio Lower Upper
105 100
120 42.5 24.1 72.3

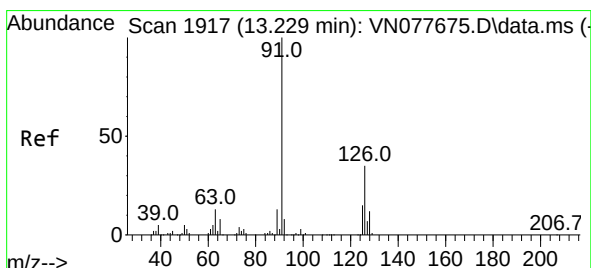
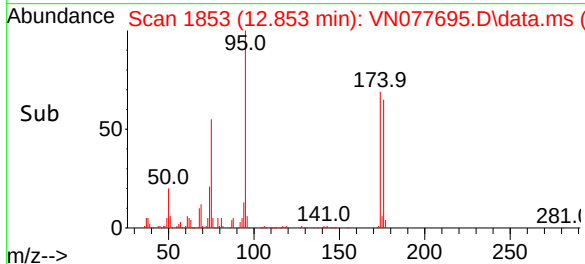
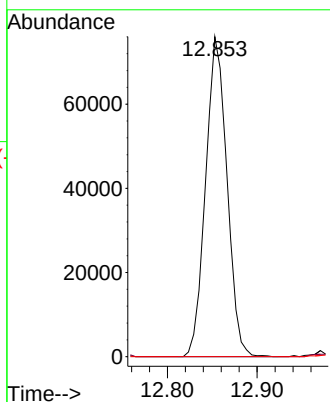
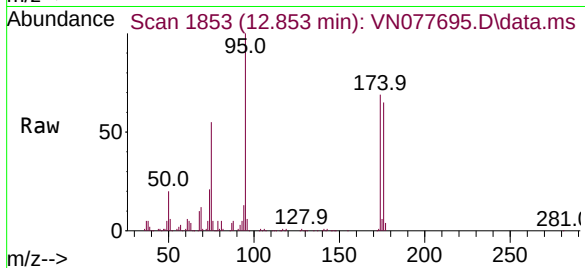




#81
trans-1,4-Dichloro-2-butene
Concen: 69.288 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

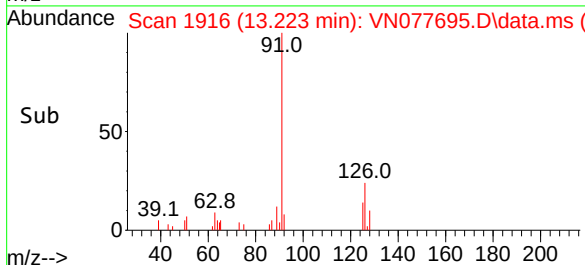
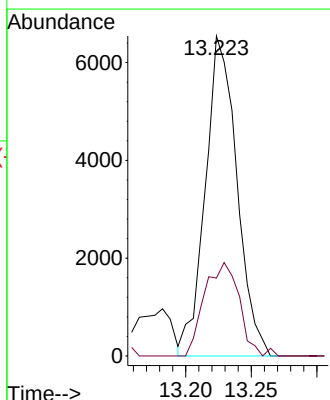
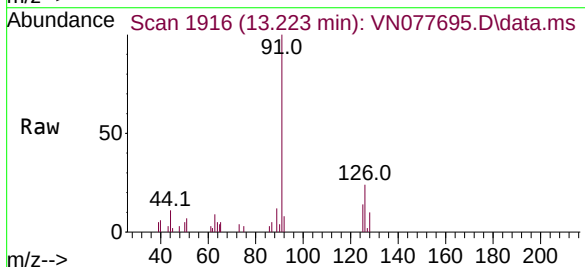
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

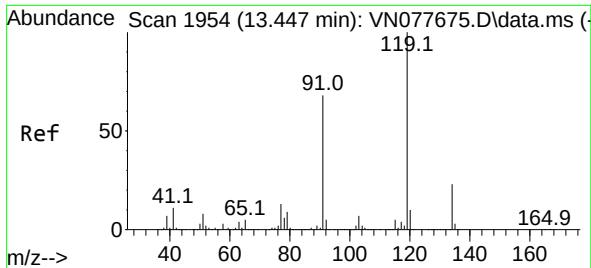
Tgt Ion: 75 Resp: 125749
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.785 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 91 Resp: 10965
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0

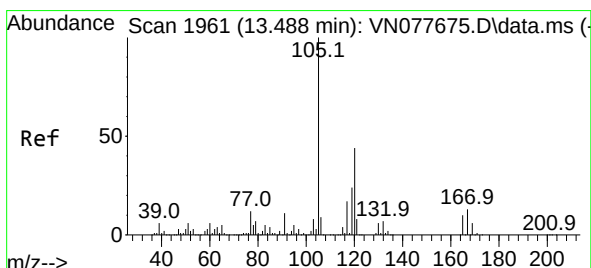
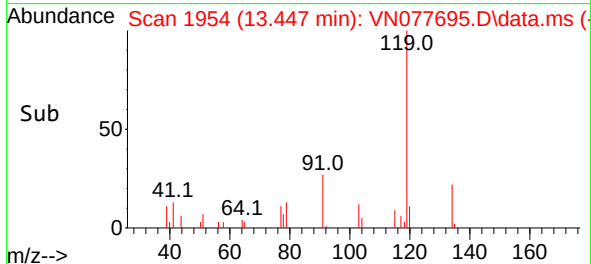
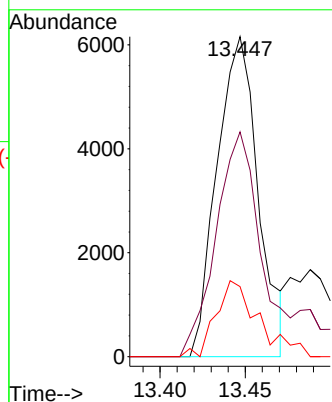
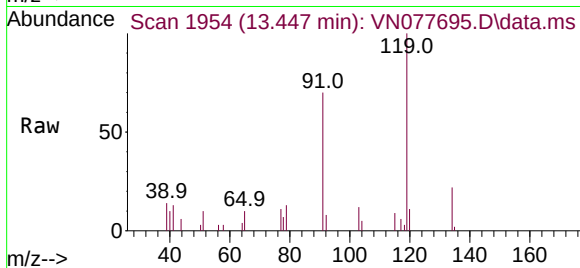




#83
tert-Butylbenzene
Concen: 0.709 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

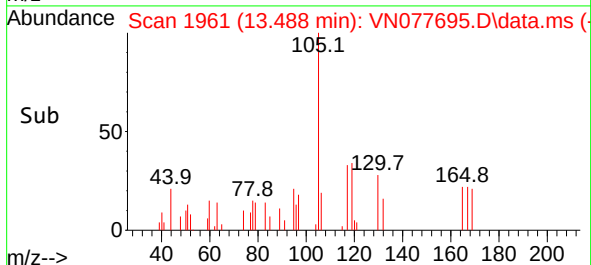
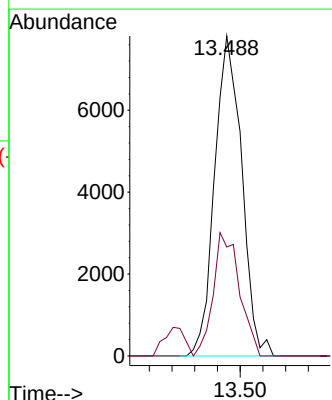
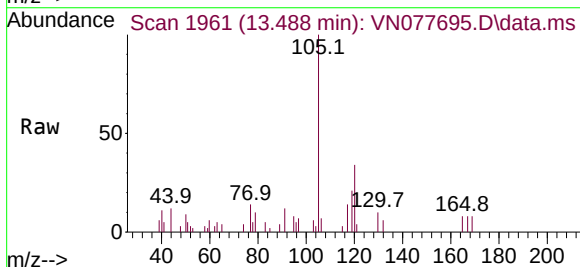
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

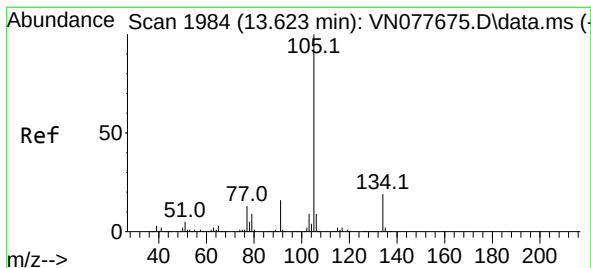
Tgt Ion:	119	Resp:	10385
Ion	Ratio	Lower	Upper
119	100		
91	86.7	33.9	101.7
134	24.7	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.782 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:	105	Resp:	12915
Ion	Ratio	Lower	Upper
105	100		
120	37.3	22.0	66.0





#85

sec-Butylbenzene

Concen: 0.698 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

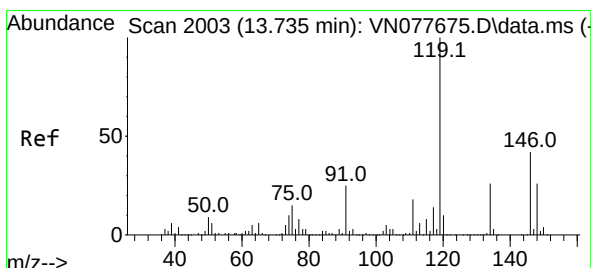
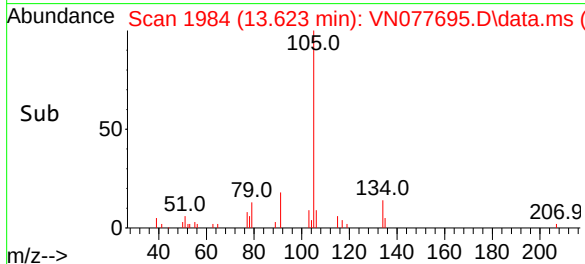
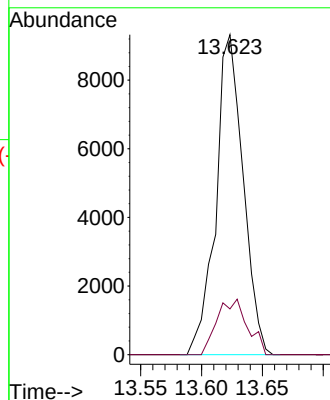
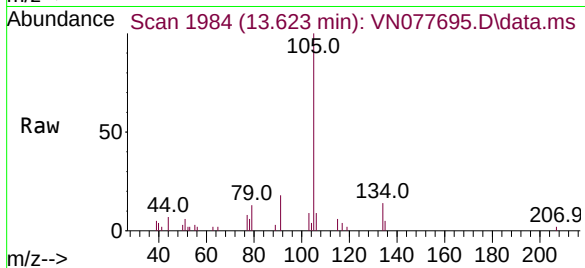
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 14526

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.657 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

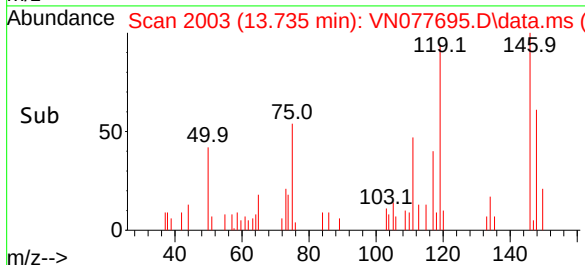
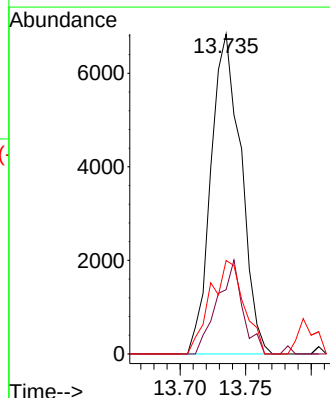
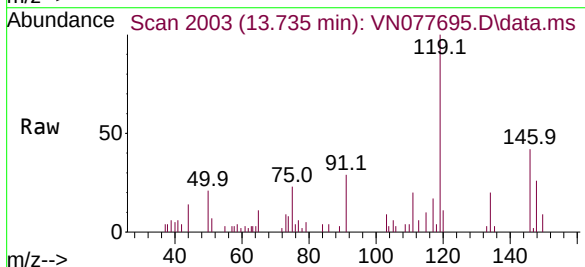
Tgt Ion:119 Resp: 10902

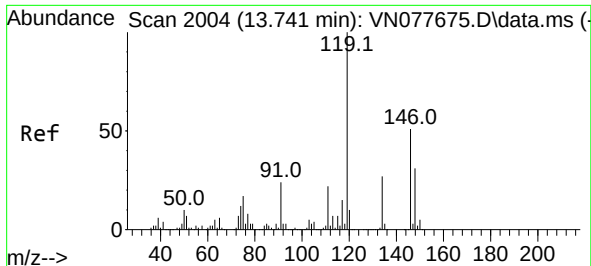
Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 32.7 12.4 37.2

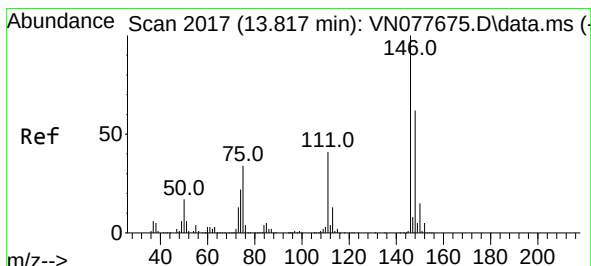
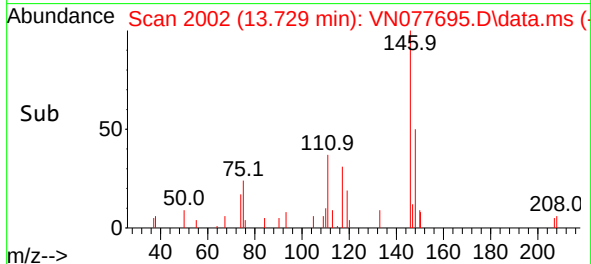
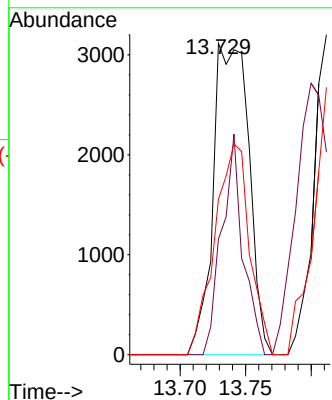
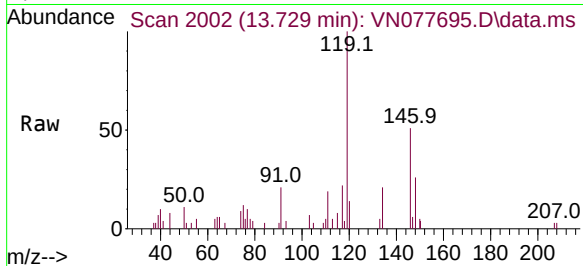




#87
1,3-Dichlorobenzene
Concen: 0.700 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.012 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

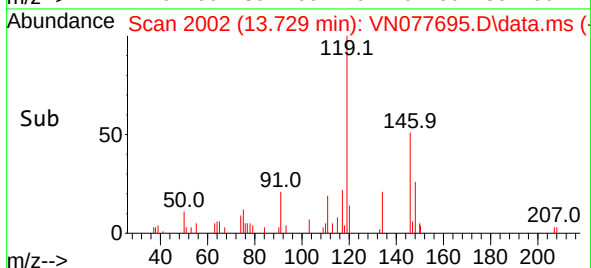
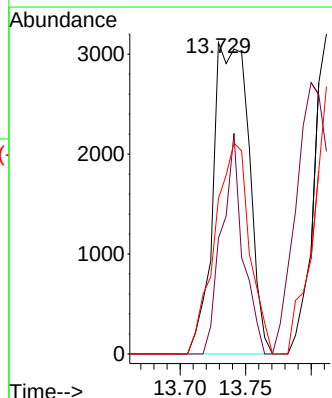
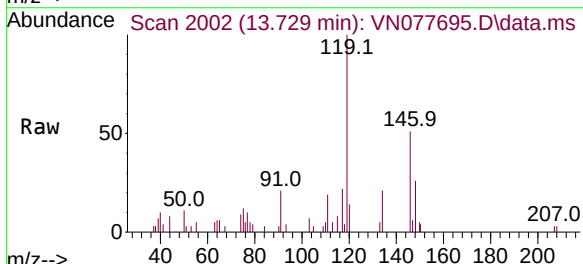
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

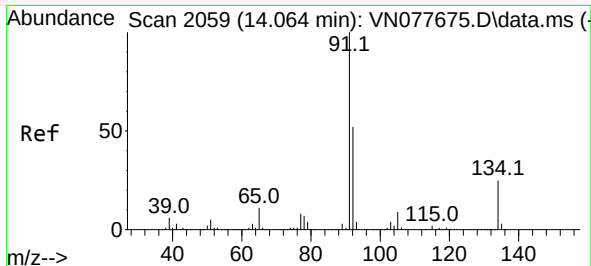
Tgt Ion:146 Resp: 5901
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 66.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.706 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.088 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:146 Resp: 5901
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.8
148 66.0 31.6 94.8

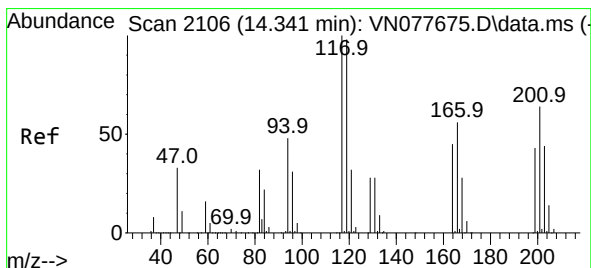
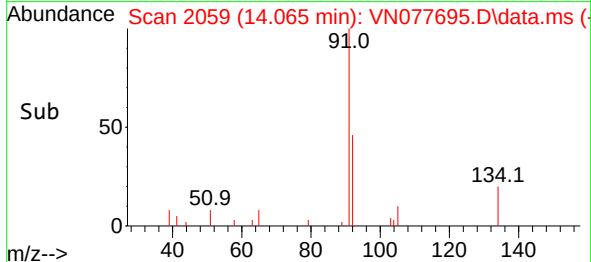
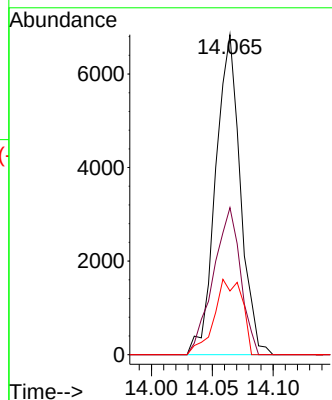
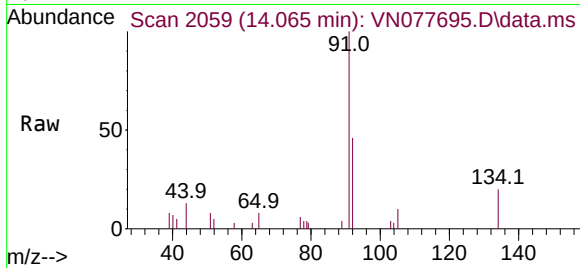




#89
n-Butylbenzene
Concen: 0.632 ug/l
RT: 14.065 min Scan# 2105
Delta R.T. 0.001 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

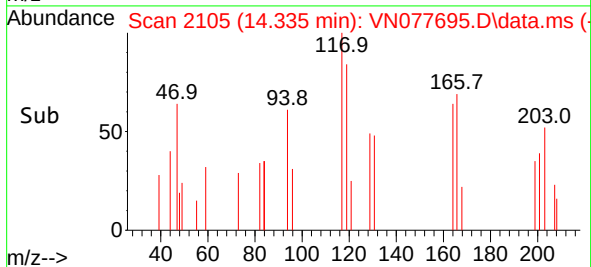
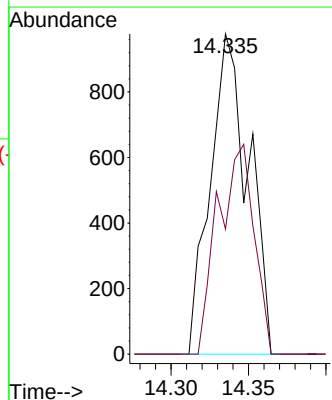
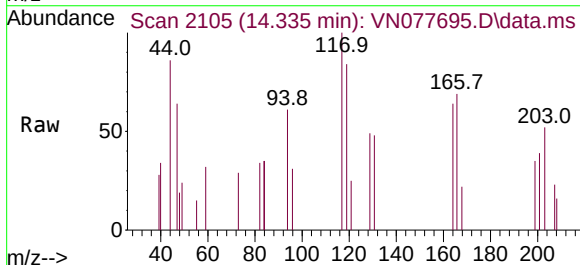
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

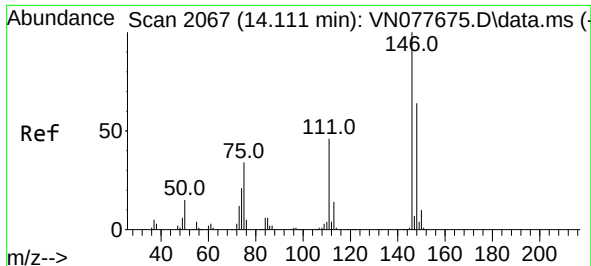
Tgt Ion: 91	Resp:	9656
Ion Ratio	Lower	Upper
91	100	
92	50.6	26.4 79.0
134	26.7	12.6 37.6



#90
Hexachloroethane
Concen: 0.617 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion: 117	Resp:	1682
Ion Ratio	Lower	Upper
117	100	
201	61.4	29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.860 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

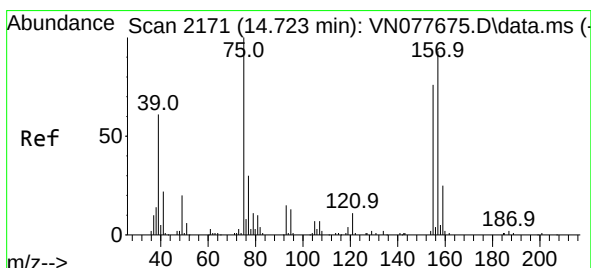
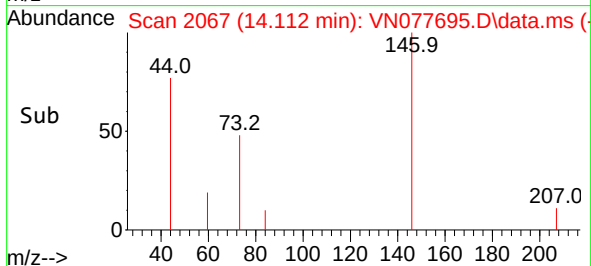
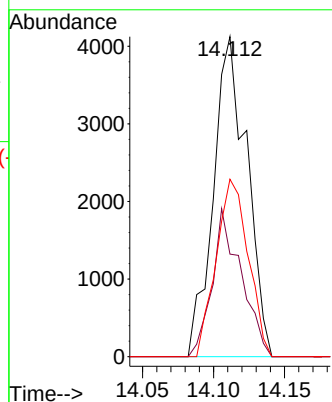
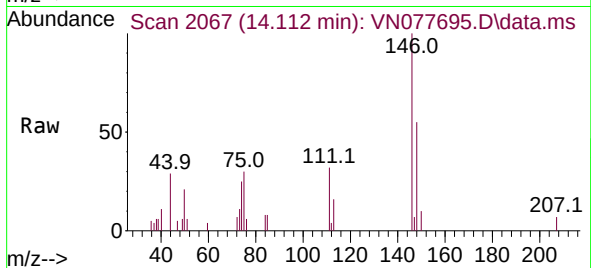
Tgt Ion:146 Resp: 6771

Ion Ratio Lower Upper

146 100

111 39.8 22.0 66.0

148 53.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.781 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077695.D

Acq: 16 May 2023 16:14

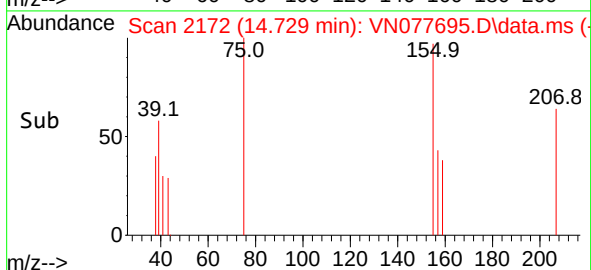
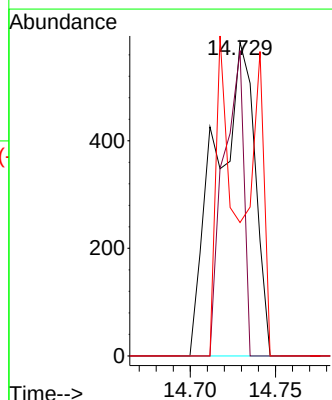
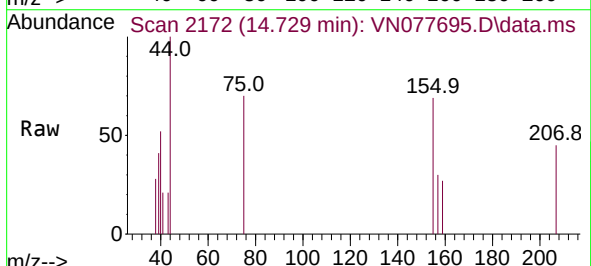
Tgt Ion: 75 Resp: 929

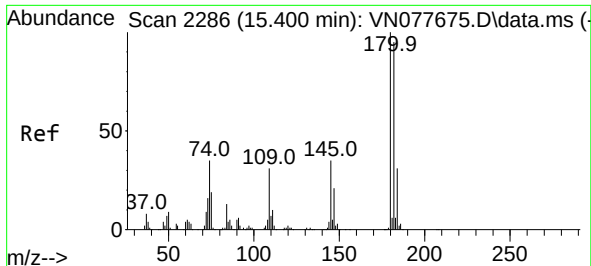
Ion Ratio Lower Upper

75 100

155 50.6 39.1 117.2

157 32.1 50.3 150.9#

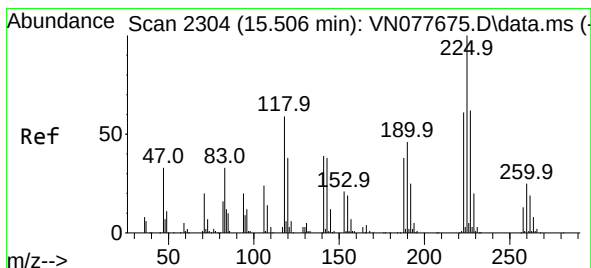
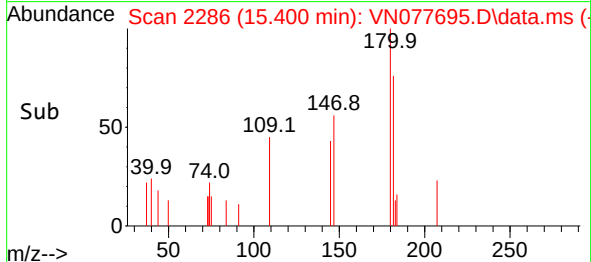
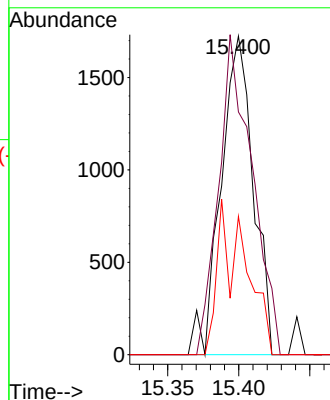
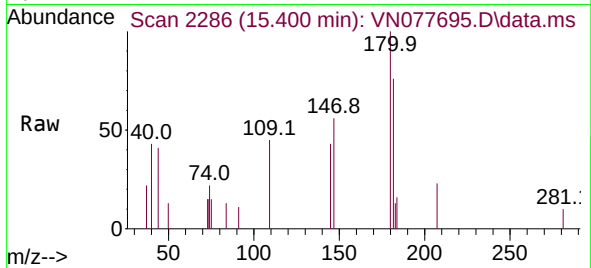




#93
1,2,4-Trichlorobenzene
Concen: 0.594 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

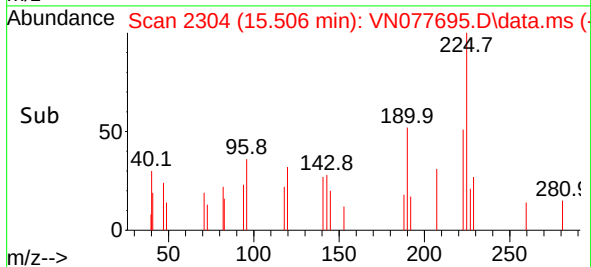
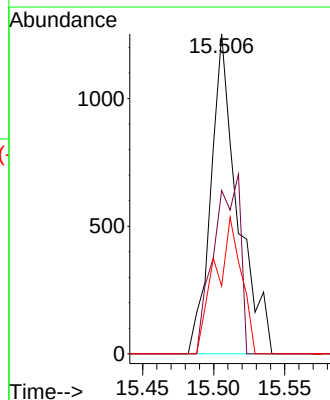
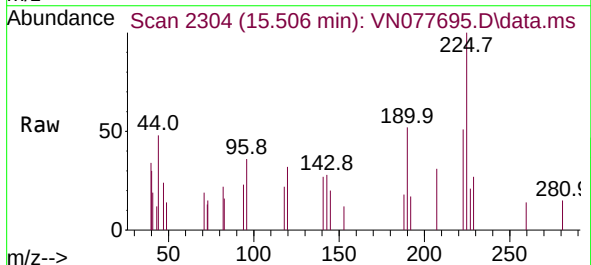
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

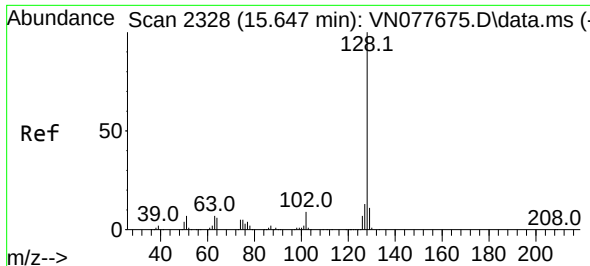
Tgt Ion:180 Resp: 2731
Ion Ratio Lower Upper
180 100
182 103.9 46.1 138.2
145 41.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 0.860 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:225 Resp: 1642
Ion Ratio Lower Upper
225 100
223 54.8 31.3 93.8
227 41.8 31.9 95.9

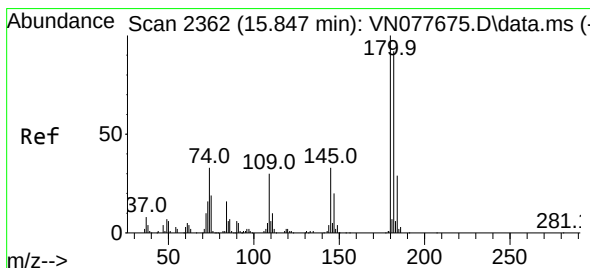
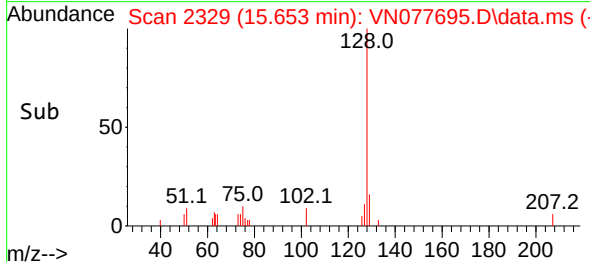
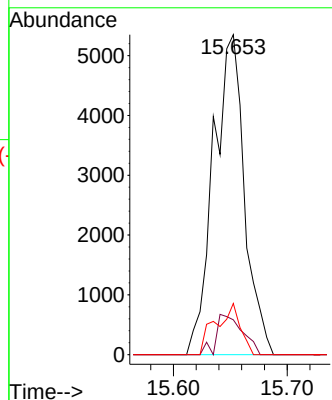
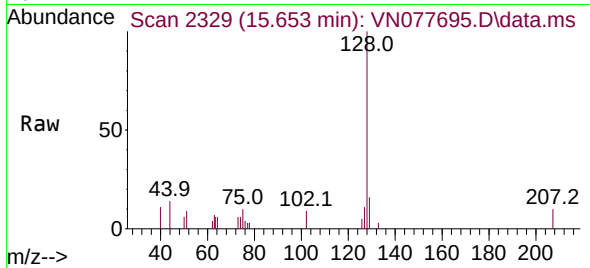




#95
Naphthalene
Concen: 0.641 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

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

Tgt Ion:128	Resp:	10158
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.0 15.0
129	12.7	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.644 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077695.D
Acq: 16 May 2023 16:14

Tgt Ion:180	Resp:	2900
Ion Ratio	Lower	Upper
180	100	
182	97.3	46.2 138.6
145	42.1	17.5 52.6

