

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076755.D
 Acq On : 21 Feb 2023 17:13
 Operator : JC\MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 04:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	239942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	436856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	381560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	144803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190780	57.581	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.160%	
35) Dibromofluoromethane	8.178	113	144526	50.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.040%	
50) Toluene-d8	10.571	98	541466	50.679	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.854	95	157859	44.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.220%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.143	85	1513	0.594	ug/l	83
3) Chloromethane	2.378	50	2985	0.898	ug/l	95
4) Vinyl Chloride	2.531	62	2971	0.908	ug/l	97
5) Bromomethane	2.978	94	3236	1.632	ug/l #	79
6) Chloroethane	3.125	64	1579	0.764	ug/l #	85
7) Trichlorofluoromethane	3.507	101	3301	0.742	ug/l	95
8) Diethyl Ether	3.990	74	1320	0.770	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.384	101	848	0.324	ug/l #	1
10) Methyl Iodide	4.590	142	1107	0.343	ug/l #	85
11) Tert butyl alcohol	5.537	59	1532	3.503	ug/l #	71
12) 1,1-Dichloroethene	4.342	96	2307	0.932	ug/l #	57
13) Acrolein	4.201	56	2469	3.760	ug/l #	41
14) Allyl chloride	5.042	41	3763	0.877	ug/l #	72
15) Acrylonitrile	5.737	53	5972	3.848	ug/l	92
16) Acetone	4.460	43	5980	4.041	ug/l #	75
17) Carbon Disulfide	4.719	76	4840	0.740	ug/l #	73
18) Methyl Acetate	5.042	43	4733	0.980	ug/l #	73
19) Methyl tert-butyl Ether	5.807	73	5963	0.714	ug/l	94
20) Methylene Chloride	5.278	84	1730	0.558	ug/l #	72
21) trans-1,2-Dichloroethene	5.801	96	2031	0.729	ug/l #	70
22) Diisopropyl ether	6.678	45	3965	0.394	ug/l #	63
23) Vinyl Acetate	6.619	43	19864	3.336	ug/l	98
24) 1,1-Dichloroethane	6.583	63	2213	0.401	ug/l #	81
25) 2-Butanone	7.501	43	9035	4.139	ug/l #	77
26) 2,2-Dichloropropane	7.507	77	1696	0.426	ug/l #	67
27) cis-1,2-Dichloroethene	7.478	96	1403	0.424	ug/l	79
28) Bromochloromethane	7.830	49	2229	0.849	ug/l #	89
29) Tetrahydrofuran	7.848	42	5834	4.090	ug/l #	86
30) Chloroform	7.972	83	4078	0.740	ug/l	92
31) Cyclohexane	8.230	56	7443	1.432	ug/l #	18
32) 1,1,1-Trichloroethane	8.166	97	3820	0.824	ug/l #	51
36) 1,1-Dichloropropene	8.377	75	3547	0.858	ug/l #	70
37) Ethyl Acetate	7.583	43	2257	0.519	ug/l #	85
38) Carbon Tetrachloride	8.360	117	2929	0.702	ug/l	93
39) Methylcyclohexane	9.607	83	3477	0.740	ug/l #	71
40) Benzene	8.613	78	10297	0.811	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	1977	0.785	ug/l	94
42) 1,2-Dichloroethane	8.677	62	3873	0.875	ug/l	85
43) Isopropyl Acetate	8.695	43	5246	0.741	ug/l #	81
44) Trichloroethene	9.354	130	2240	0.747	ug/l	88
45) 1,2-Dichloropropane	9.624	63	2812	0.837	ug/l	91
46) Dibromomethane	9.724	93	1883	0.877	ug/l	90
47) Bromodichloromethane	9.895	83	3160	0.734	ug/l #	84
48) Methyl methacrylate	9.683	41	2602	0.775	ug/l #	83
49) 1,4-Dioxane	9.707	88	639	11.000	ug/l #	44
51) 4-Methyl-2-Pentanone	10.448	43	15538	3.451	ug/l	94
52) Toluene	10.630	92	5826	0.760	ug/l	88
53) t-1,3-Dichloropropene	10.842	75	2848	0.685	ug/l #	76
54) cis-1,3-Dichloropropene	10.324	75	3393	0.708	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	2595	0.833	ug/l #	66
56) Ethyl methacrylate	10.877	69	3093	0.705	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	4505	0.841	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.160	63	6494	3.233	ug/l	95
59) 2-Hexanone	11.201	43	12073	3.719	ug/l	86
60) Dibromochloromethane	11.360	129	2555	0.778	ug/l	91
61) 1,2-Dibromoethane	11.471	107	2571	0.824	ug/l	82
64) Tetrachloroethene	11.107	164	2212	0.920	ug/l #	56
65) Chlorobenzene	11.889	112	6326	0.782	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	2039	0.694	ug/l #	59
67) Ethyl Benzene	11.966	91	9927	0.721	ug/l #	86
68) m/p-Xylenes	12.077	106	6887	1.297	ug/l	96
69) o-Xylene	12.401	106	3898	0.753	ug/l	78
70) Styrene	12.413	104	5240	0.626	ug/l	91
71) Bromoform	12.583	173	1383	0.642	ug/l #	96
73) Isopropylbenzene	12.707	105	7419	0.699	ug/l	88
74) N-amyl acetate	12.501	43	3036	0.635	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.930	83	3721	0.969	ug/l	98
76) 1,2,3-Trichloropropane	13.001	75	3703	1.265	ug/l	65
77) Bromobenzene	12.983	156	2373	0.896	ug/l	92
78) n-propylbenzene	13.042	91	9566	0.768	ug/l	95
79) 2-Chlorotoluene	13.124	91	6132	0.804	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	6105	0.696	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.854	75	88650	88.198	ug/l #	4
82) 4-Chlorotoluene	13.124	91	6132	0.804	ug/l	98
83) tert-Butylbenzene	13.442	119	5575	0.703	ug/l	94
84) 1,2,4-Trimethylbenzene	13.489	105	5678	0.650	ug/l	91
85) sec-Butylbenzene	13.618	105	7098	0.641	ug/l	97
86) p-Isopropyltoluene	13.730	119	5132	0.580	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	3762	0.752	ug/l	89
88) 1,4-Dichlorobenzene	13.736	146	3762	0.755	ug/l	89
89) n-Butylbenzene	14.054	91	4858	0.631	ug/l	95
90) Hexachloroethane	14.342	117	1845	0.996	ug/l	77
91) 1,2-Dichlorobenzene	14.107	146	4077	0.794	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.718	75	561	0.754	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.377	180	1989	0.777	ug/l #	12
94) Hexachlorobutadiene	15.495	225	1076	0.858	ug/l #	66
95) Naphthalene	15.636	128	4798	0.618	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.842	180	1722	0.694	ug/l	94

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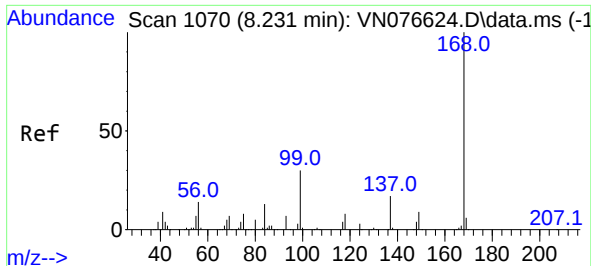
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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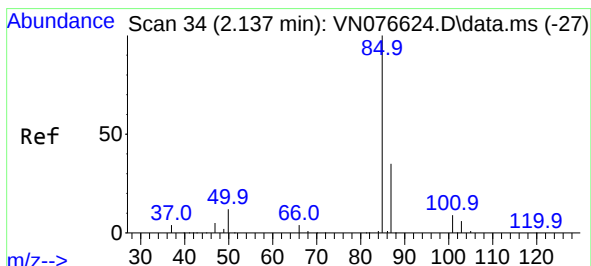
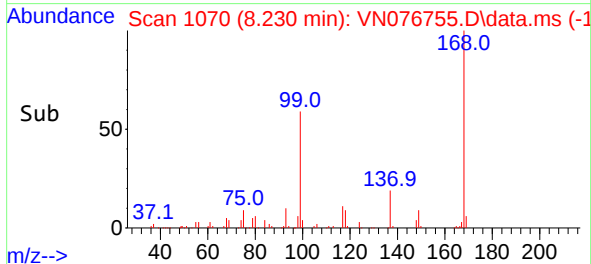
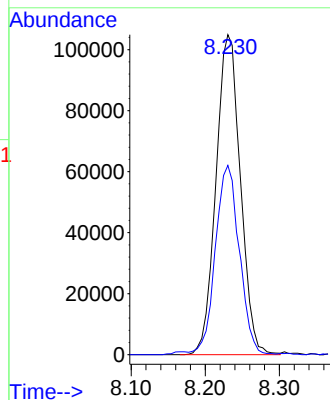
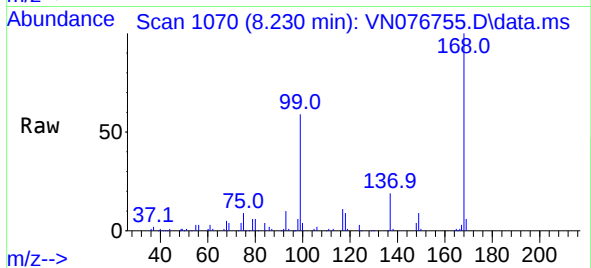




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076755.D
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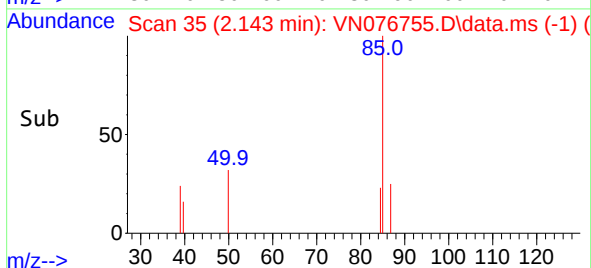
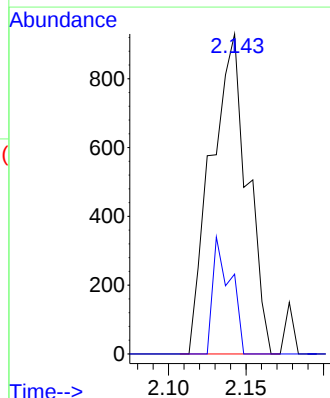
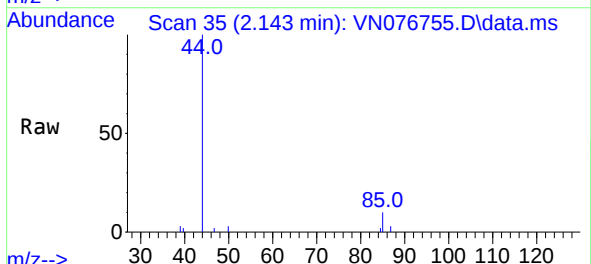
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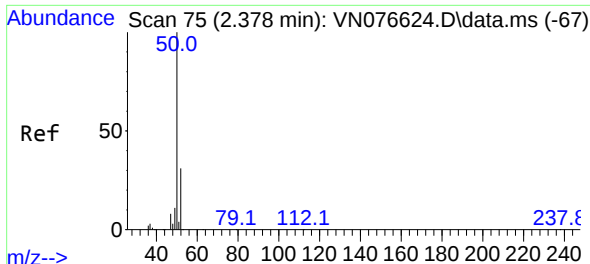
Tgt Ion:168 Resp: 239942
Ion Ratio Lower Upper
168 100
99 58.8 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 0.594 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 85 Resp: 1513
Ion Ratio Lower Upper
85 100
87 24.9 17.4 52.2

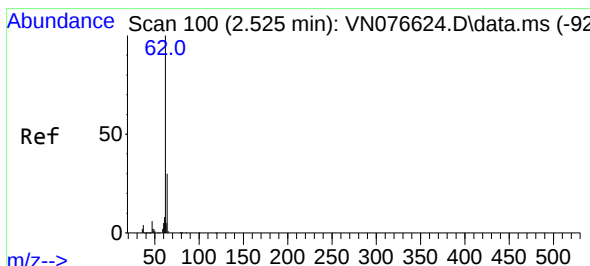
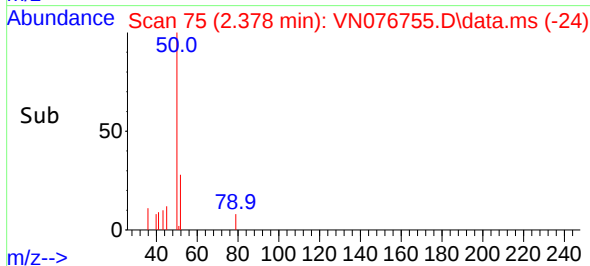
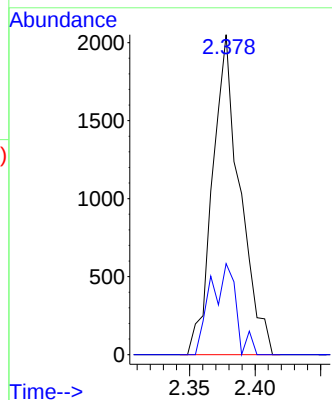
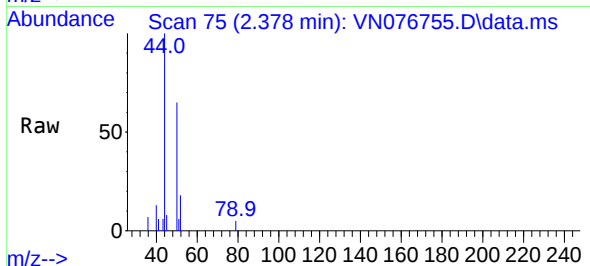




#3
Chloromethane
Concen: 0.898 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

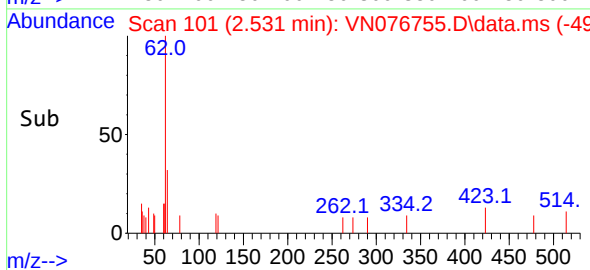
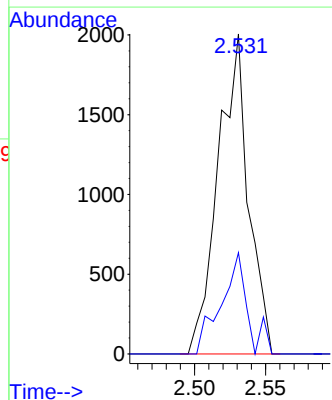
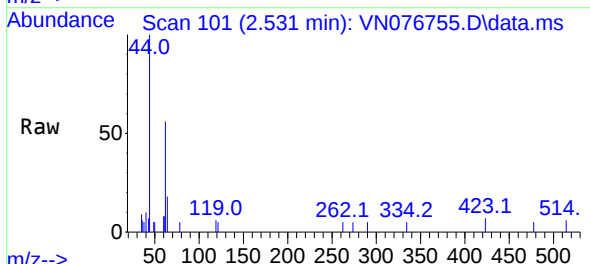
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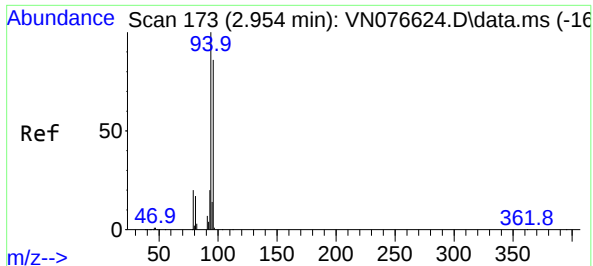
Tgt Ion: 50 Resp: 2985
Ion Ratio Lower Upper
50 100
52 28.4 24.7 37.1



#4
Vinyl Chloride
Concen: 0.908 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 62 Resp: 2971
Ion Ratio Lower Upper
62 100
64 31.7 23.9 35.9

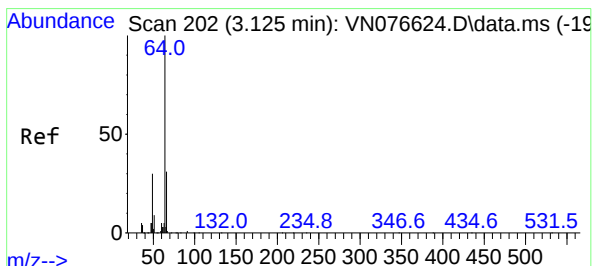
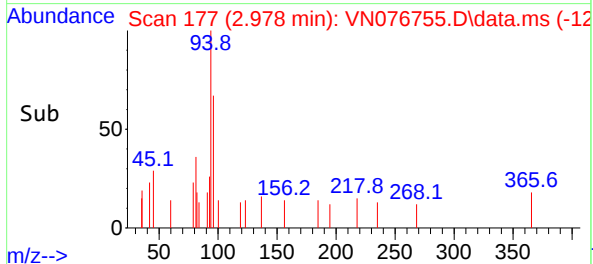
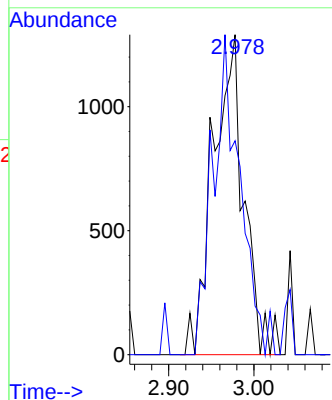
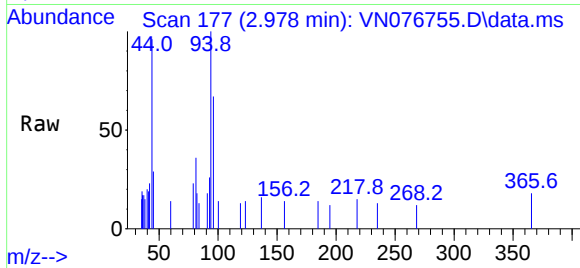




#5
Bromomethane
Concen: 1.632 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

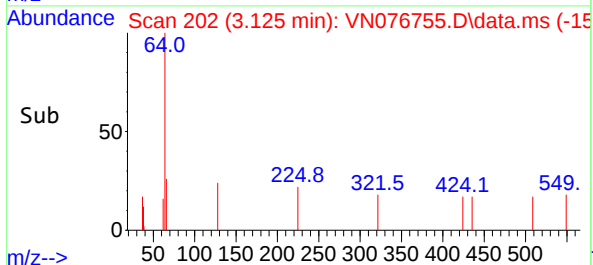
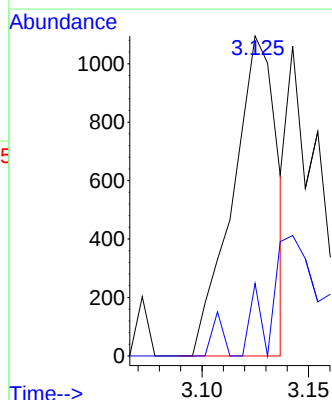
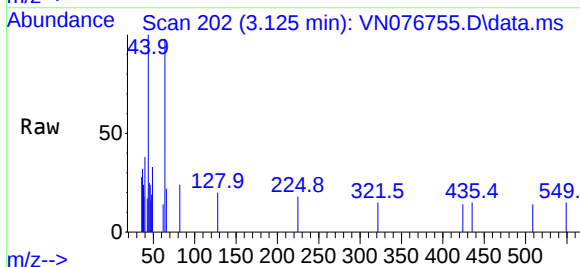
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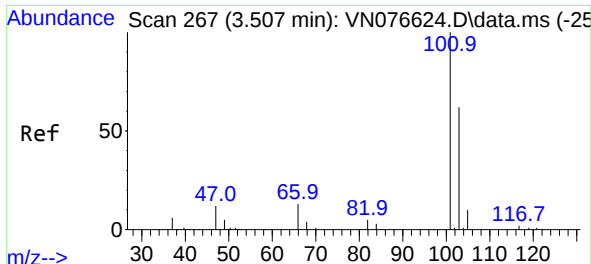
Tgt Ion: 94 Resp: 3236
Ion Ratio Lower Upper
94 100
96 66.8 69.0 103.4#



#6
Chloroethane
Concen: 0.764 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 64 Resp: 1579
Ion Ratio Lower Upper
64 100
66 22.6 24.6 37.0#

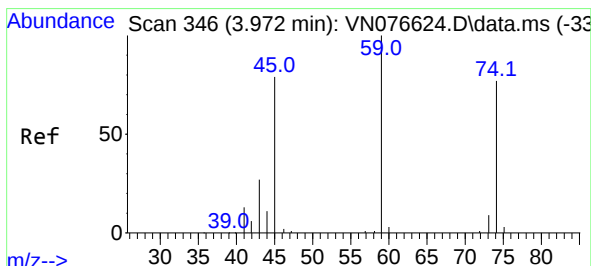
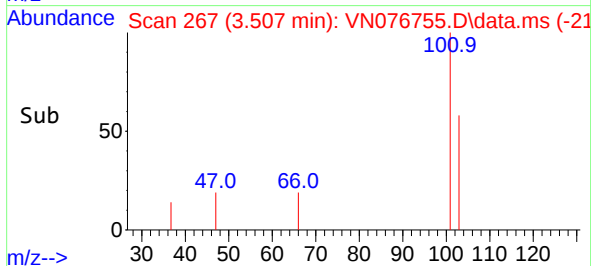
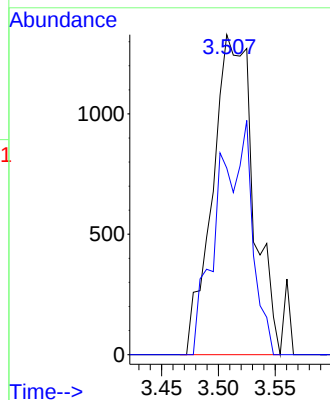
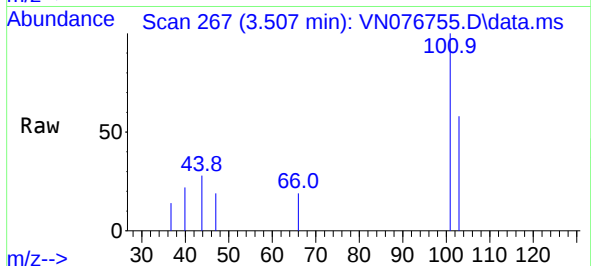




#7
 Trichlorofluoromethane
 Concen: 0.742 ug/l
 RT: 3.507 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

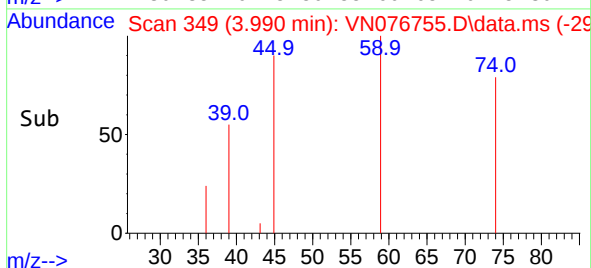
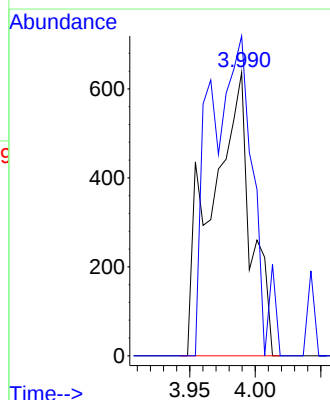
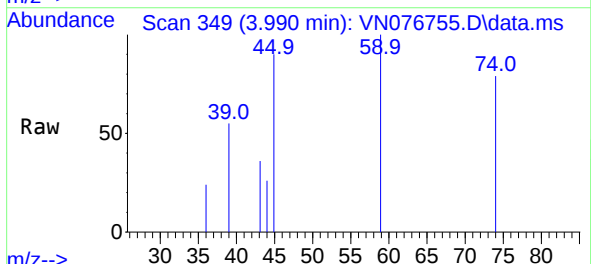
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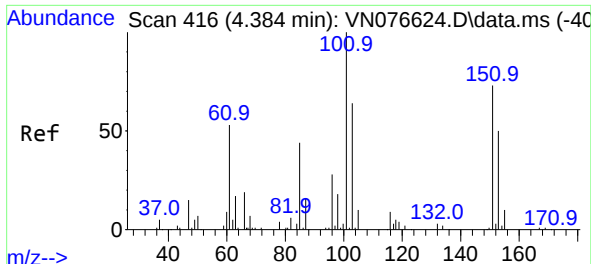
Tgt Ion:101 Resp: 3301
 Ion Ratio Lower Upper
 101 100
 103 58.3 49.4 74.2



#8
 Diethyl Ether
 Concen: 0.770 ug/l
 RT: 3.990 min Scan# 349
 Delta R.T. 0.018 min
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Tgt Ion: 74 Resp: 1320
 Ion Ratio Lower Upper
 74 100
 45 80.0 51.3 153.9

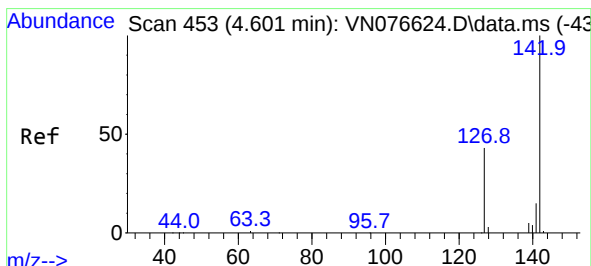
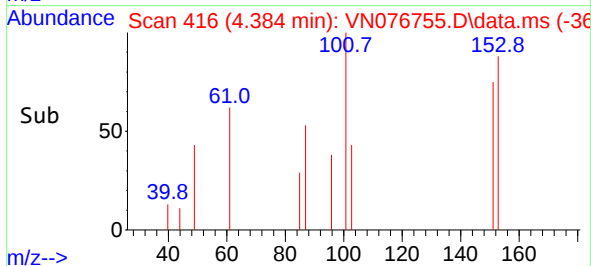
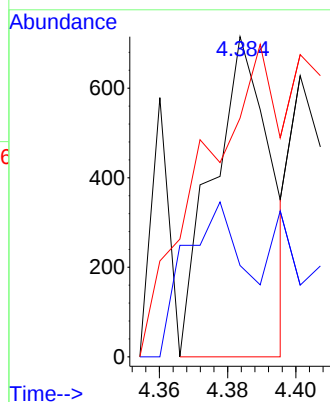
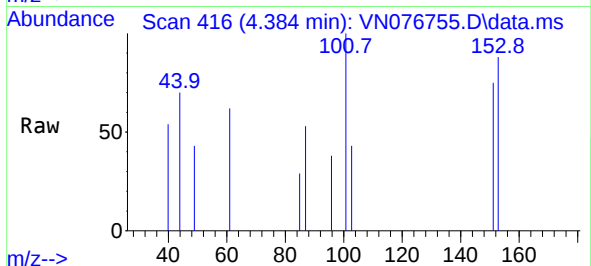




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.324 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

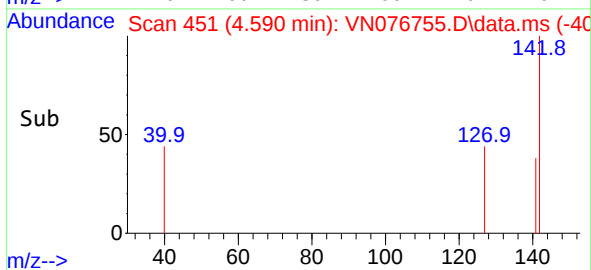
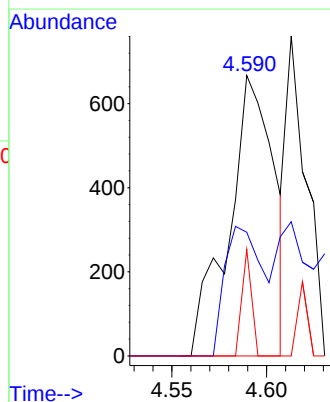
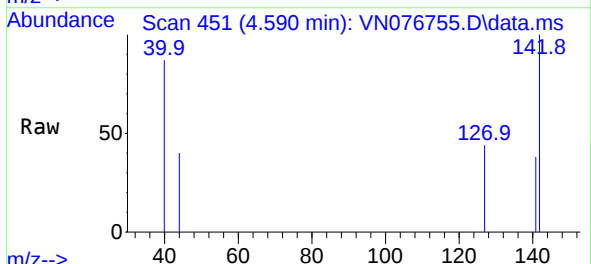
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

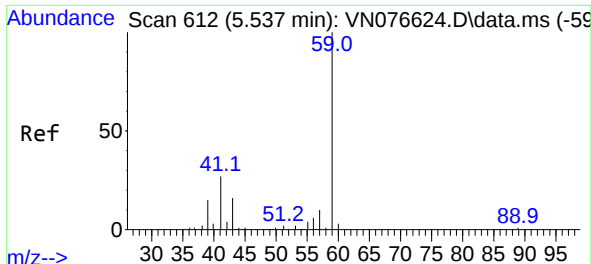
Tgt Ion:101 Resp: 848
Ion Ratio Lower Upper
101 100
85 50.4 37.4 56.0
151 208.3 58.7 88.1#



#10
Methyl Iodide
Concen: 0.343 ug/l
RT: 4.590 min Scan# 451
Delta R.T. -0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:142 Resp: 1107
Ion Ratio Lower Upper
142 100
127 44.1 34.6 51.8
141 37.9 11.7 17.5#

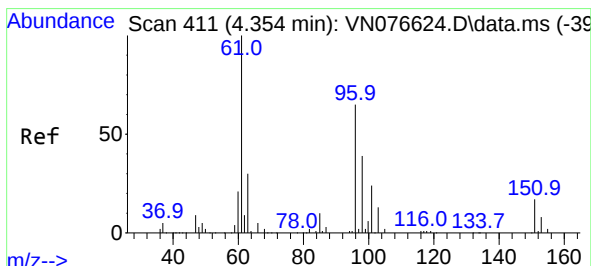
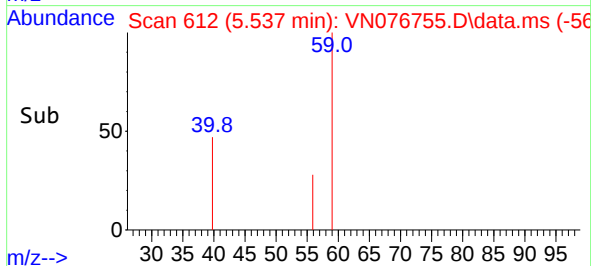
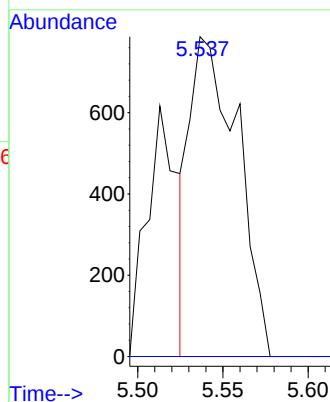
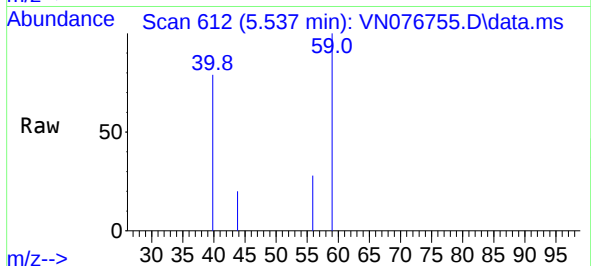




#11
Tert butyl alcohol
Concen: 3.503 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

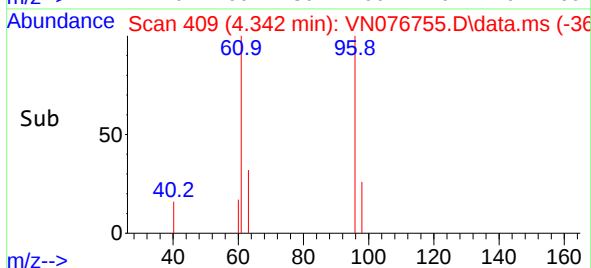
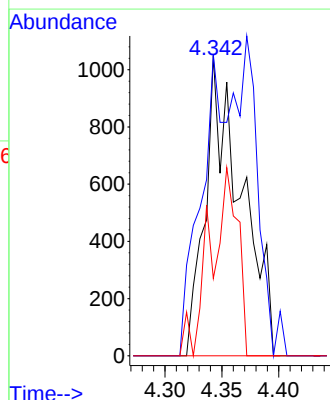
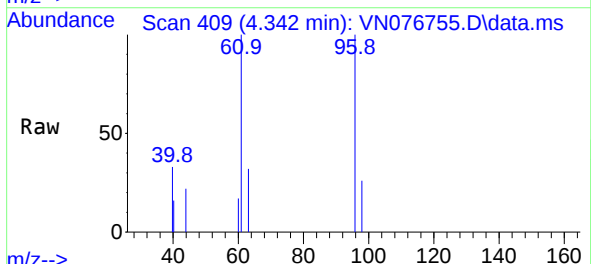
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

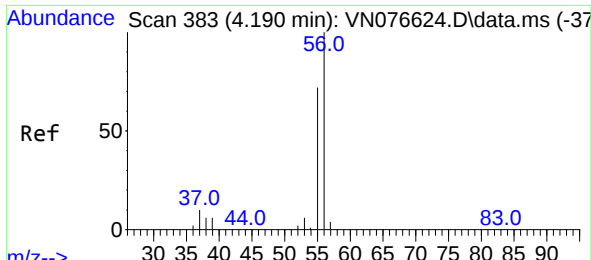
Tgt Ion: 59 Resp: 1532
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.932 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 96 Resp: 2307
Ion Ratio Lower Upper
96 100
61 100.4 123.8 185.6#
98 25.8 48.4 72.6#





#13

Acrolein

Concen: 3.760 ug/l

RT: 4.201 min Scan# 385

Delta R.T. 0.011 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

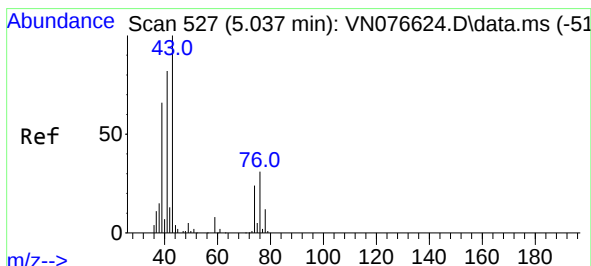
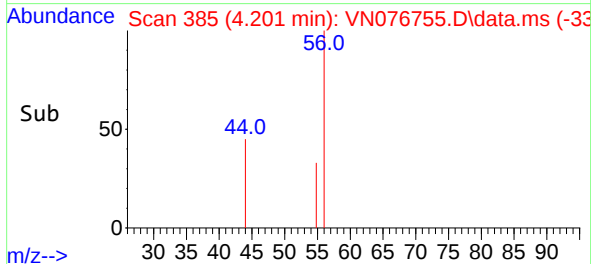
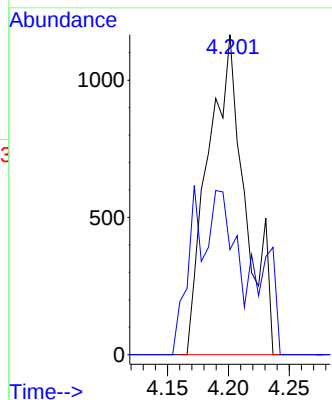
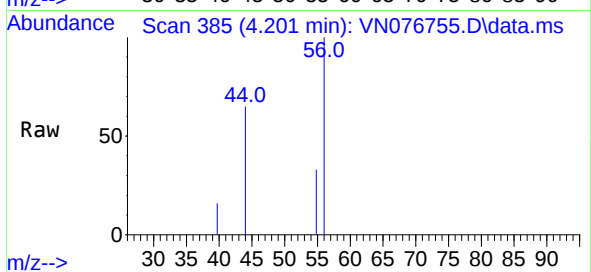
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 56 Resp: 2469

Ion Ratio Lower Upper

56 100

55 21.6 56.3 84.5#



#14

Allyl chloride

Concen: 0.877 ug/l

RT: 5.042 min Scan# 528

Delta R.T. 0.005 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

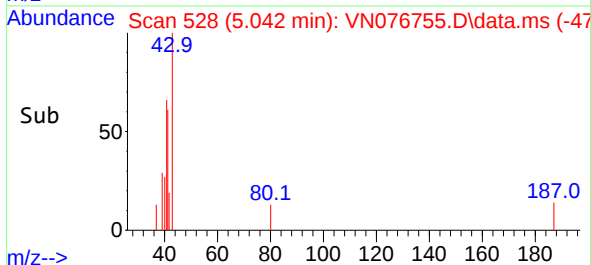
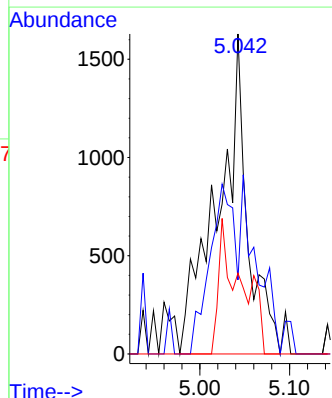
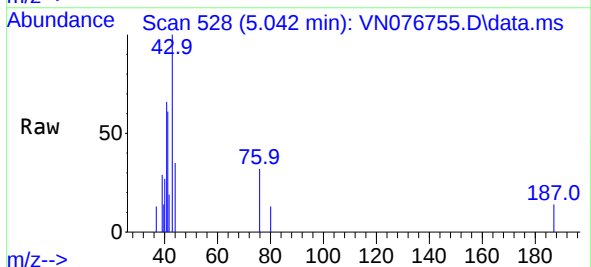
Tgt Ion: 41 Resp: 3763

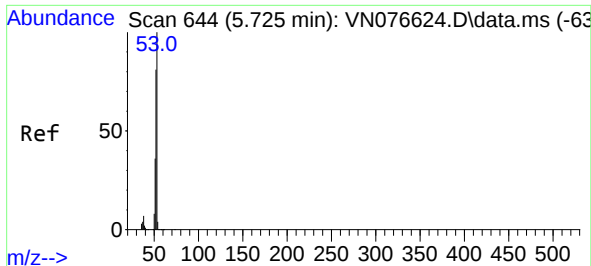
Ion Ratio Lower Upper

41 100

39 44.5 62.3 93.5#

76 31.6 27.0 40.6

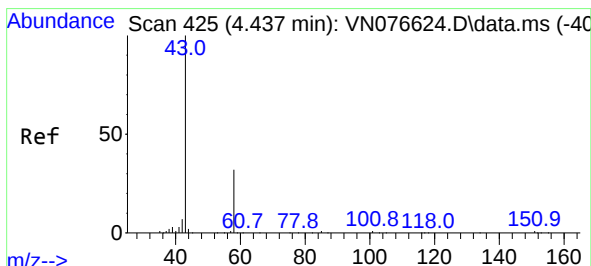
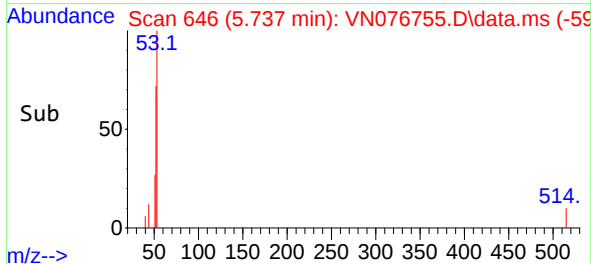
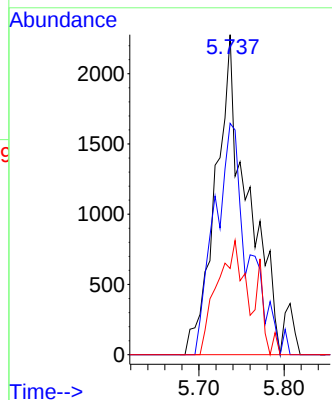
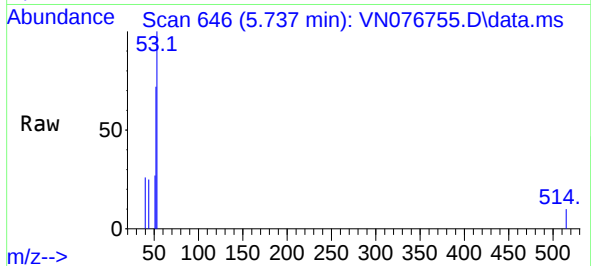




#15
Acrylonitrile
Concen: 3.848 ug/l
RT: 5.737 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

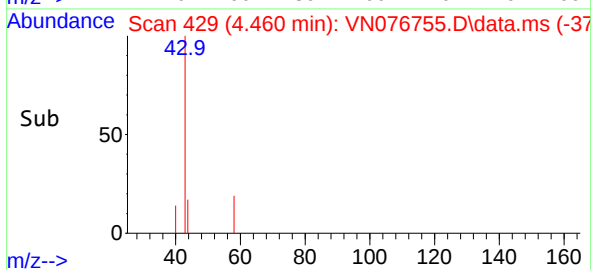
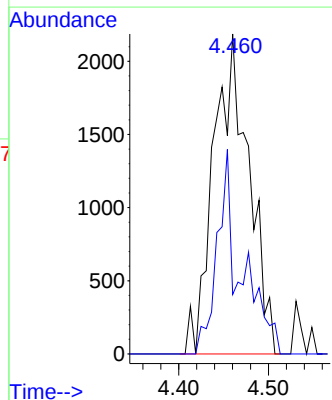
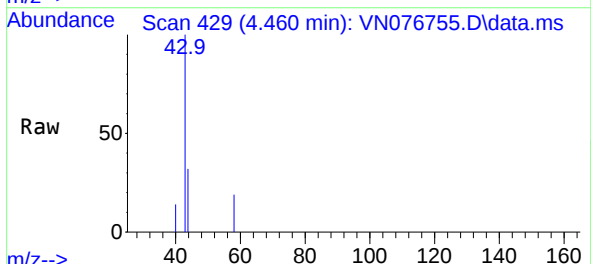
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

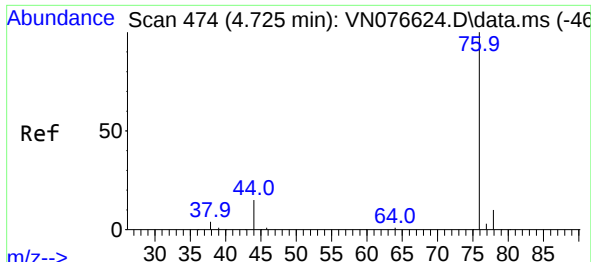
Tgt Ion:	53	Resp:	5972
Ion	Ratio	Lower	Upper
53	100		
52	76.1	65.3	97.9
51	29.9	29.2	43.8



#16
Acetone
Concen: 4.041 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:	43	Resp:	5980
Ion	Ratio	Lower	Upper
43	100		
58	18.6	25.9	38.9#

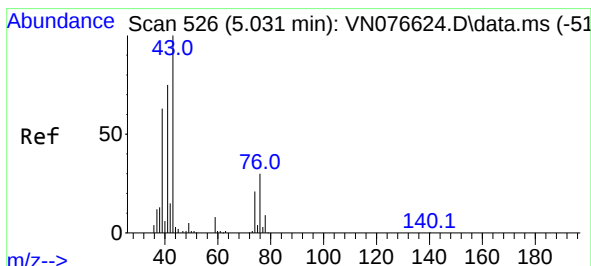
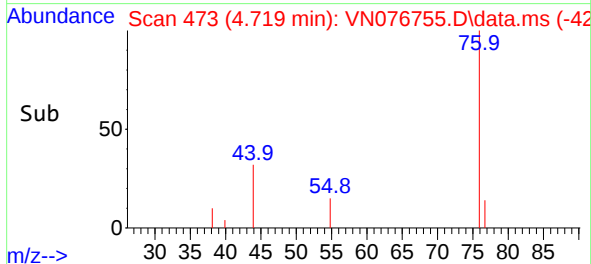
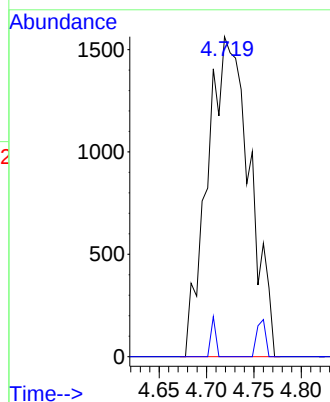
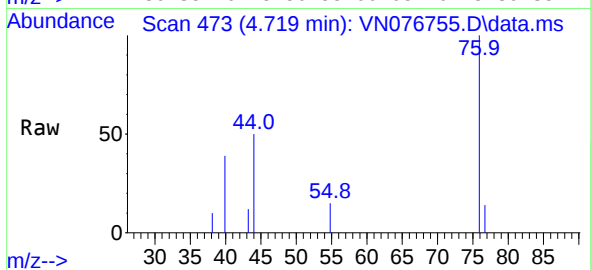




#17
Carbon Disulfide
Concen: 0.740 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

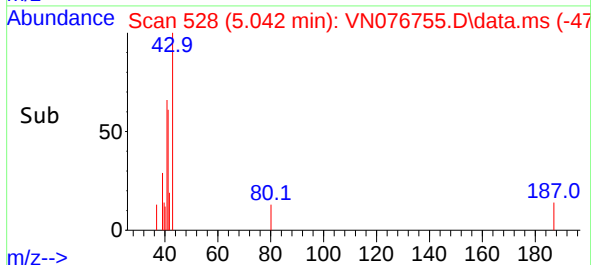
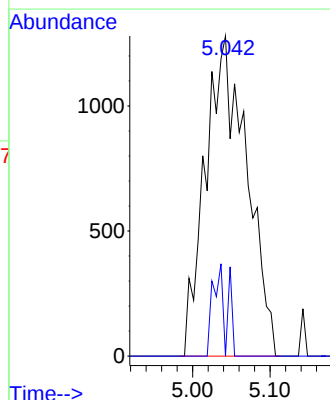
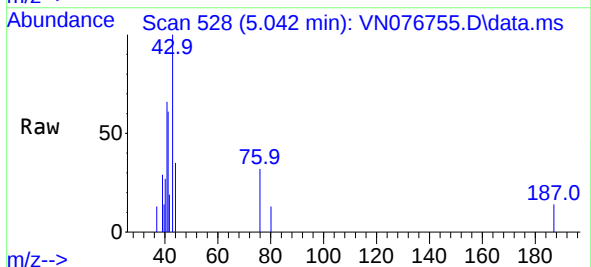
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

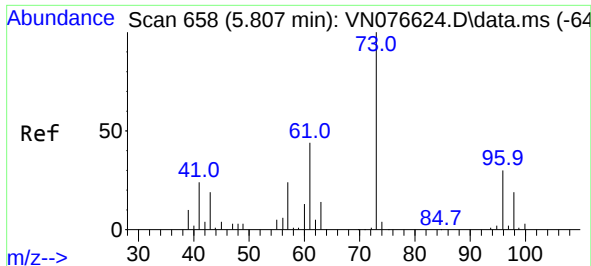
Tgt Ion: 76 Resp: 4840
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#18
Methyl Acetate
Concen: 0.980 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 43 Resp: 4733
Ion Ratio Lower Upper
43 100
74 9.4 17.7 26.5#

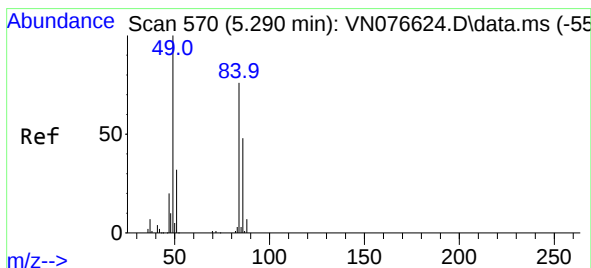
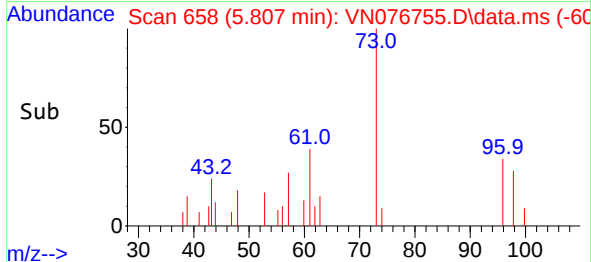
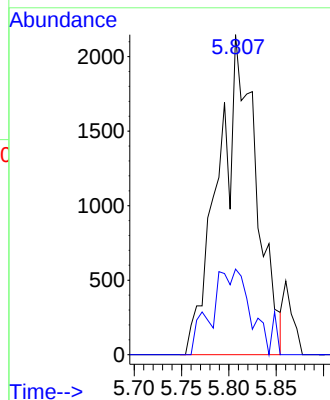
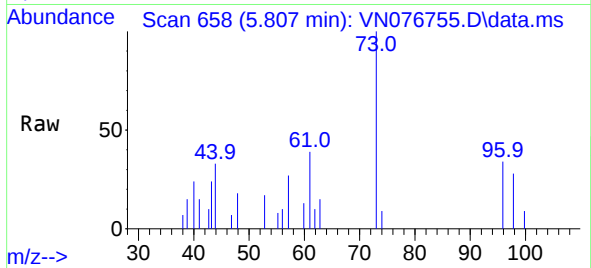




#19
Methyl tert-butyl Ether
Concen: 0.714 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

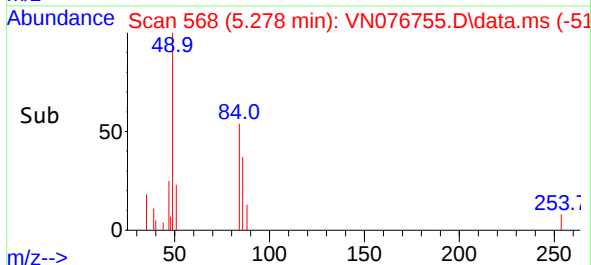
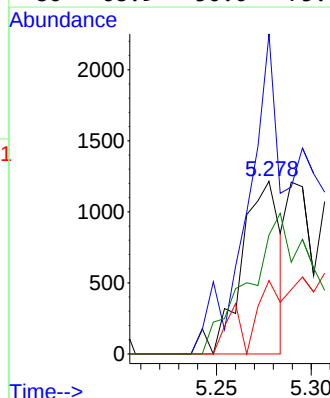
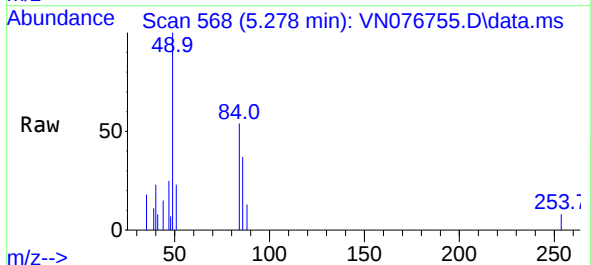
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

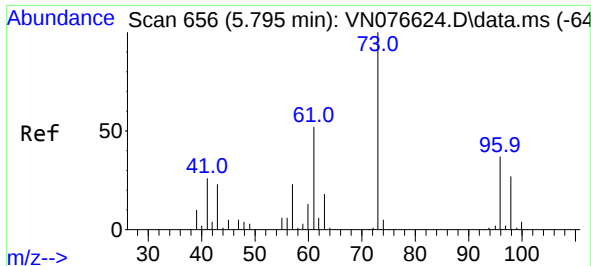
Tgt Ion: 73 Resp: 5963
Ion Ratio Lower Upper
73 100
57 26.8 19.0 28.4



#20
Methylene Chloride
Concen: 0.558 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 84 Resp: 1730
Ion Ratio Lower Upper
84 100
49 185.3 104.9 157.3#
51 42.5 33.8 50.8
86 68.9 50.0 75.0

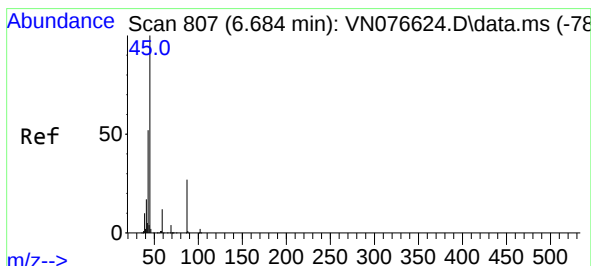
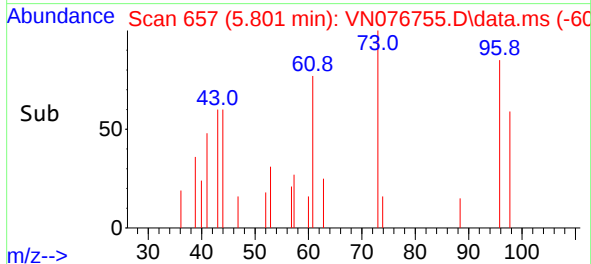
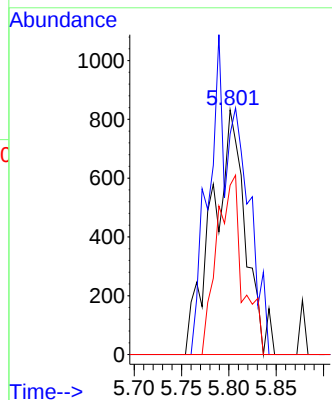
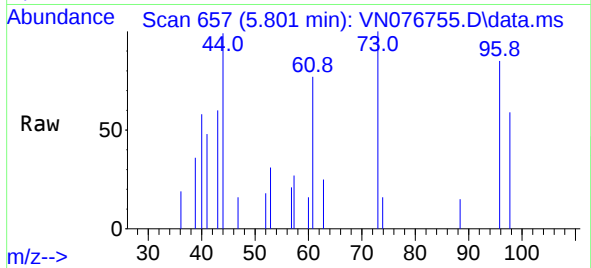




#21
trans-1,2-Dichloroethene
Concen: 0.729 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

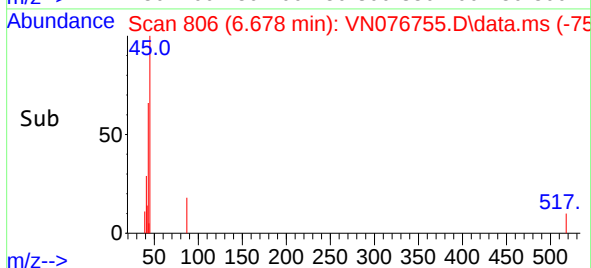
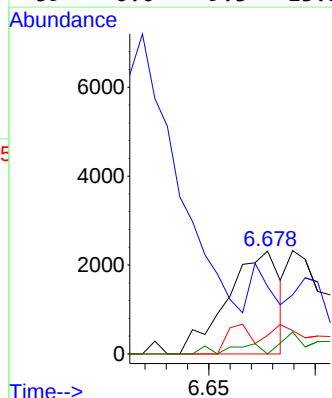
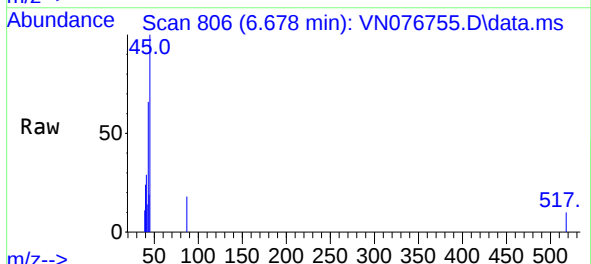
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

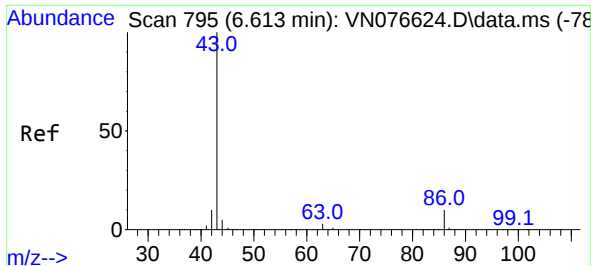
Tgt Ion: 96 Resp: 2031
Ion Ratio Lower Upper
96 100
61 90.1 113.9 170.9#
98 69.2 59.4 89.0



#22
Diisopropyl ether
Concen: 0.394 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 45 Resp: 3965
Ion Ratio Lower Upper
45 100
43 17.8 41.8 62.6#
87 18.0 21.8 32.8#
59 0.0 9.3 13.9#

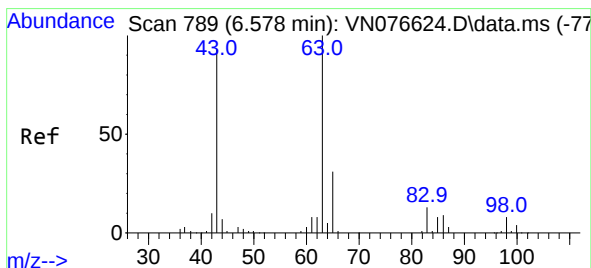
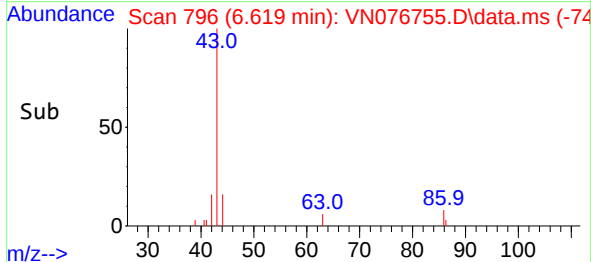
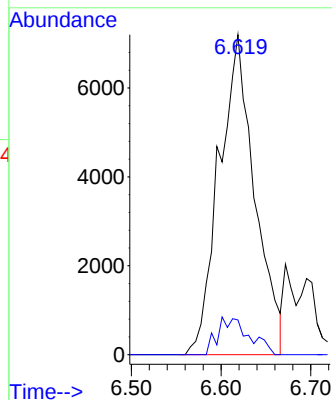
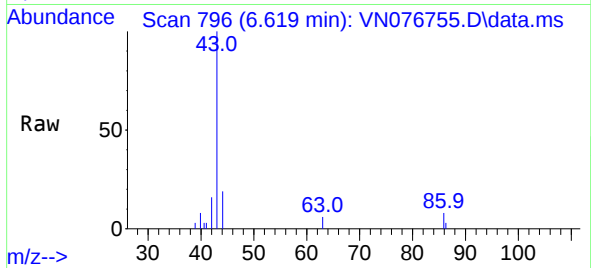




#23
 Vinyl Acetate
 Concen: 3.336 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

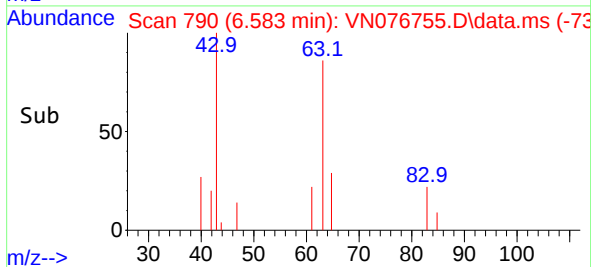
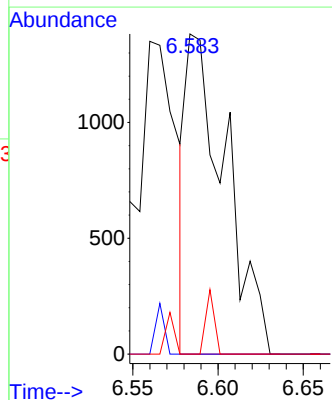
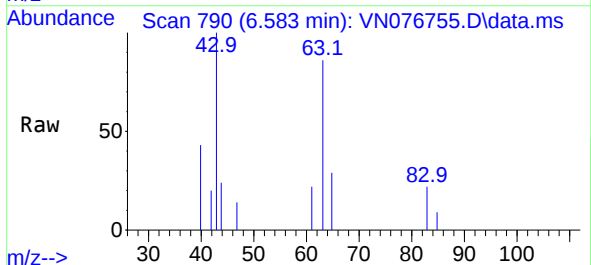
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

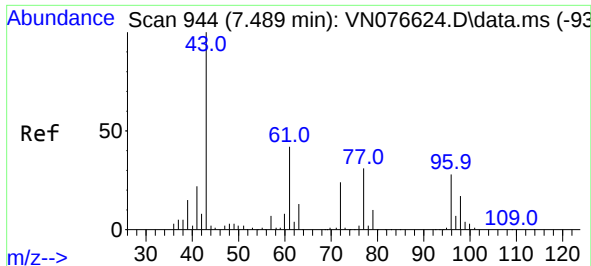
Tgt Ion: 43 Resp: 19864
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.401 ug/l
 RT: 6.583 min Scan# 790
 Delta R.T. 0.005 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

Tgt Ion: 63 Resp: 2213
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#

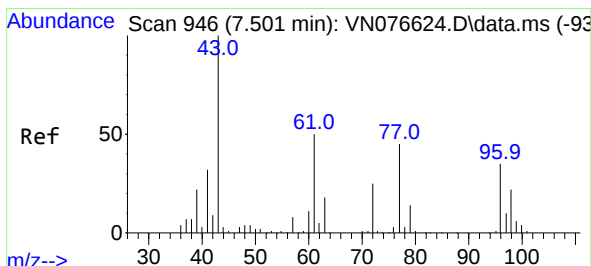
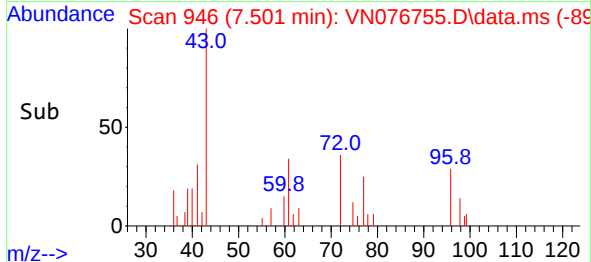
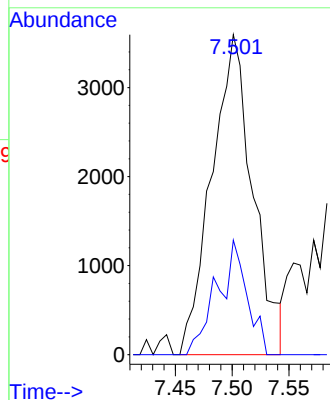
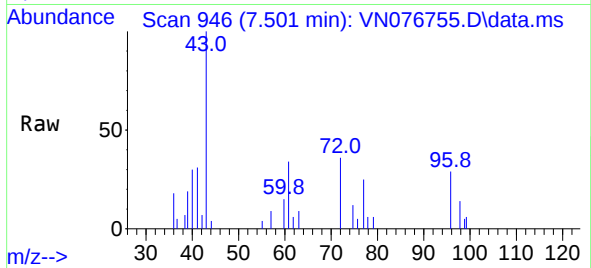




#25
2-Butanone
Concen: 4.139 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

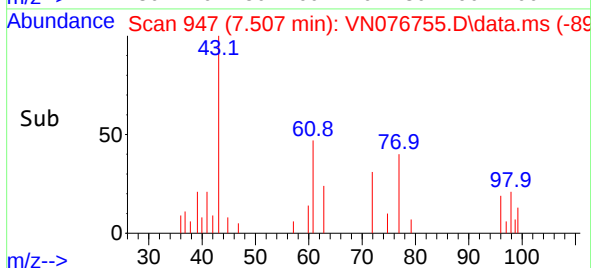
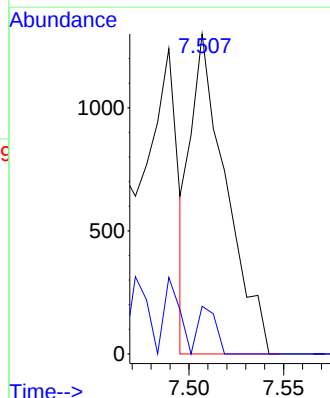
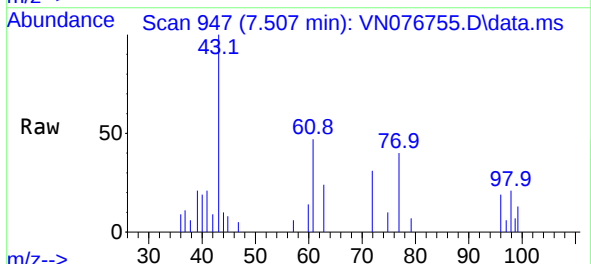
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

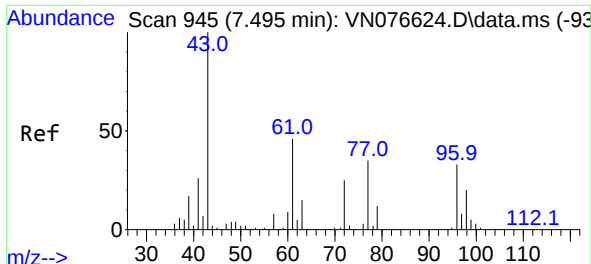
Tgt Ion: 43 Resp: 9035
Ion Ratio Lower Upper
43 100
72 35.8 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.426 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 77 Resp: 1696
Ion Ratio Lower Upper
77 100
97 7.4 11.9 35.7#

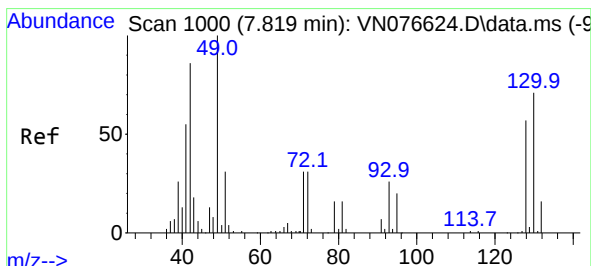
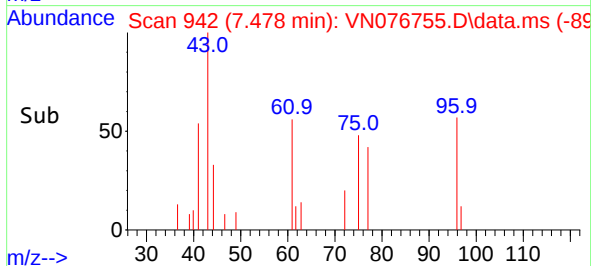
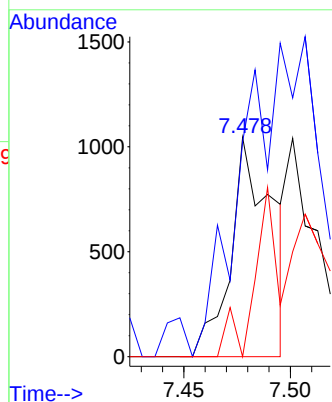
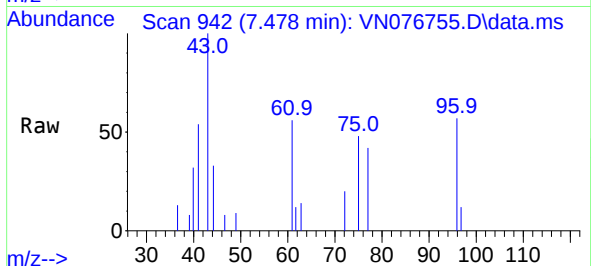




#27
 cis-1,2-Dichloroethene
 Concen: 0.424 ug/l
 RT: 7.478 min Scan# 94
 Delta R.T. -0.017 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

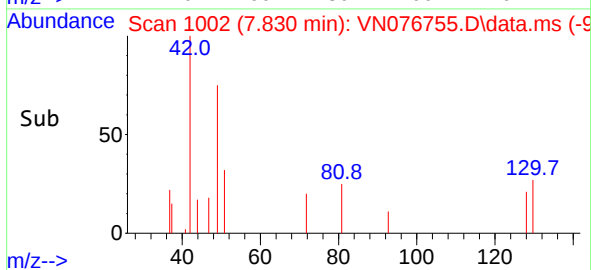
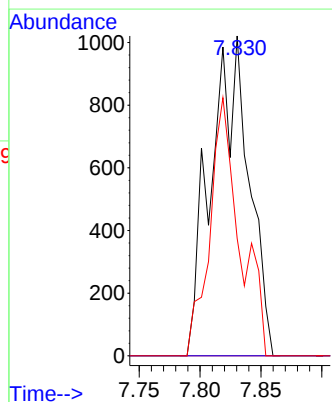
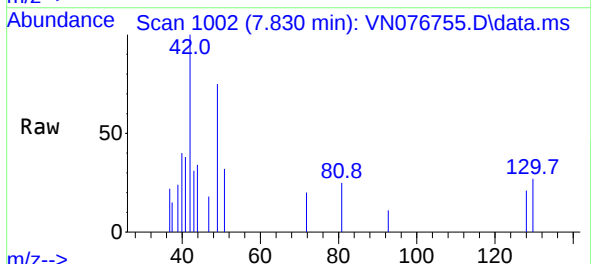
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

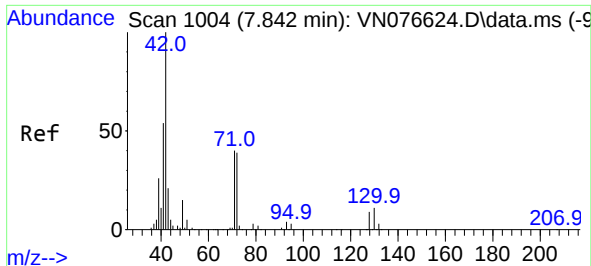
Tgt Ion: 96 Resp: 1403
 Ion Ratio Lower Upper
 96 100
 61 120.2 0.0 286.8
 98 41.6 0.0 124.0



#28
 Bromochloromethane
 Concen: 0.849 ug/l
 RT: 7.830 min Scan# 1002
 Delta R.T. 0.011 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

Tgt Ion: 49 Resp: 2229
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 63.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 4.090 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN076755.D

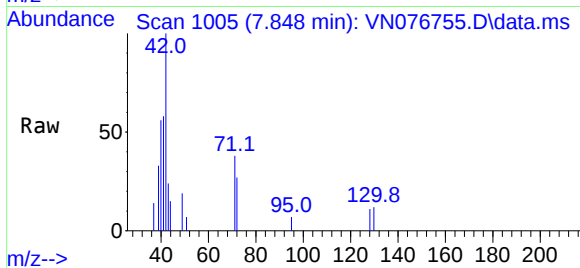
Acq: 21 Feb 2023 17:13

Instrument :

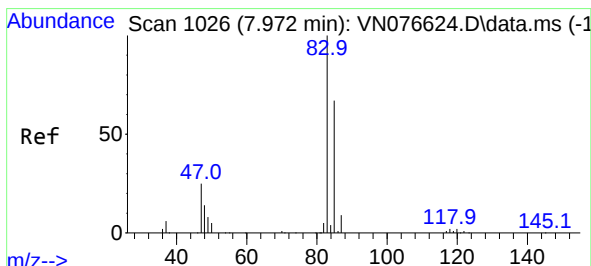
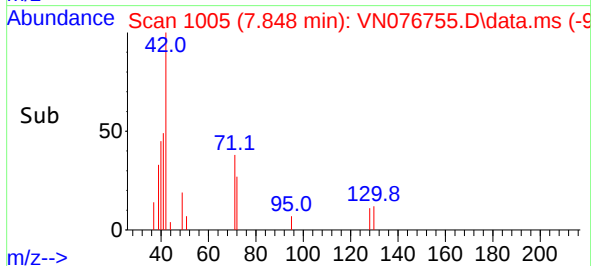
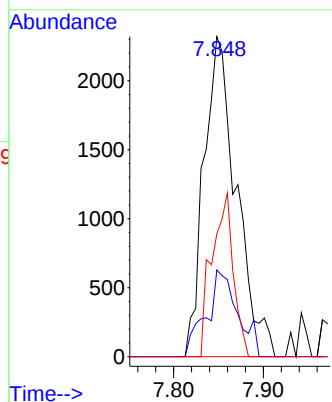
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:	42	Resp:	5834
Ion	Ratio	Lower	Upper
42	100		
72	26.1	31.5	47.3#
71	33.8	29.8	44.8



#30

Chloroform

Concen: 0.740 ug/l

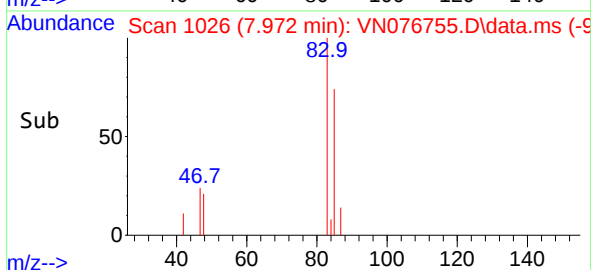
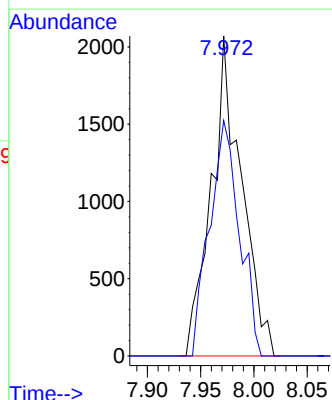
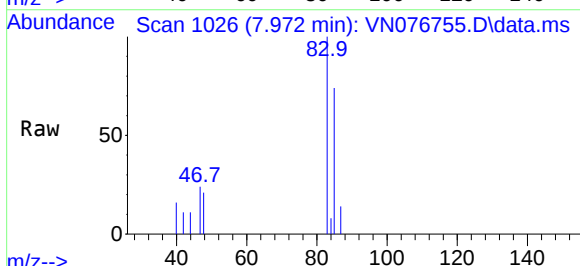
RT: 7.972 min Scan# 1026

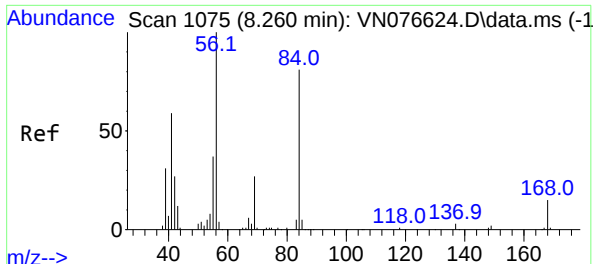
Delta R.T. -0.000 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

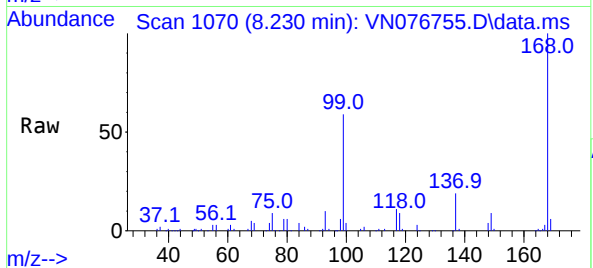
Tgt Ion:	83	Resp:	4078
Ion	Ratio	Lower	Upper
83	100		
85	73.5	53.5	80.3





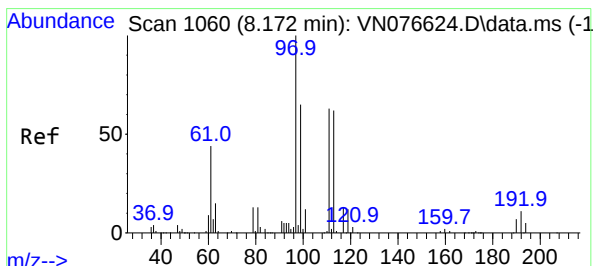
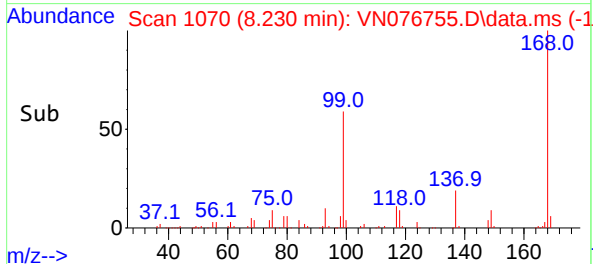
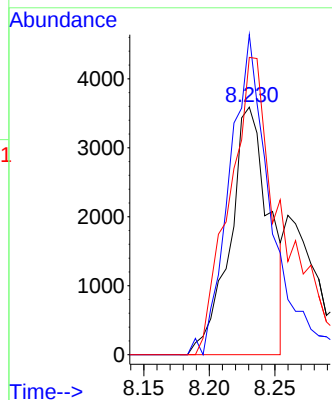
#31
Cyclohexane
Concen: 1.432 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 7443

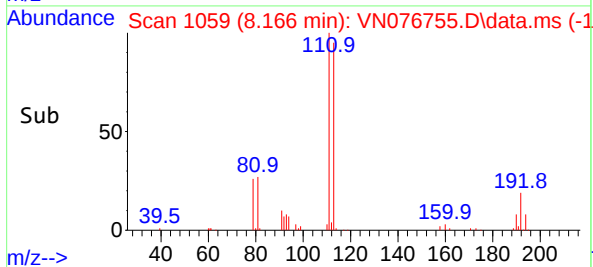
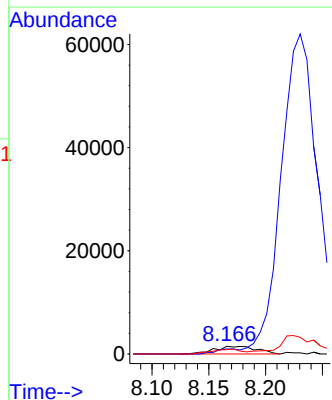
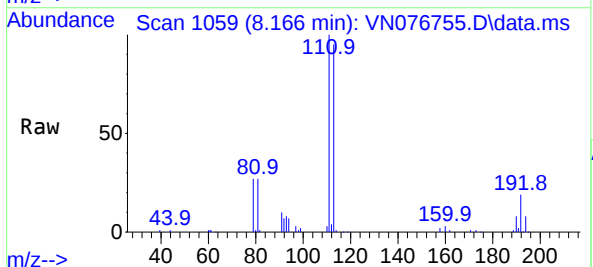
Ion	Ratio	Lower	Upper
56	100		
69	129.2	21.6	32.4#
84	120.1	65.1	97.7#

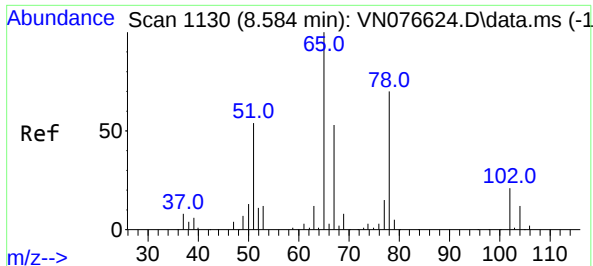


#32
1,1,1-Trichloroethane
Concen: 0.824 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 97 Resp: 3820

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	43.8	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 57.581 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

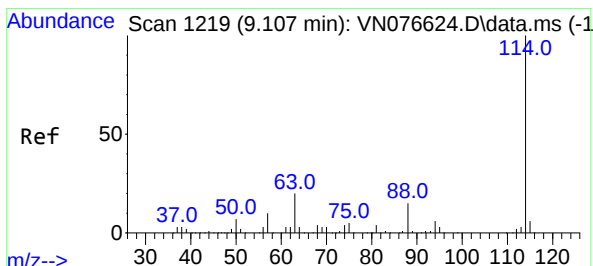
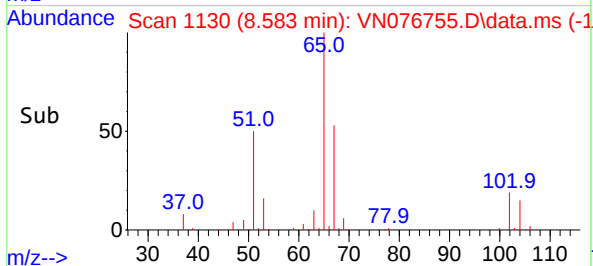
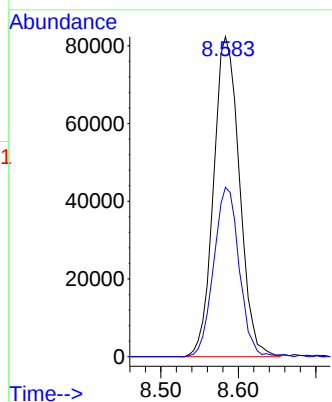
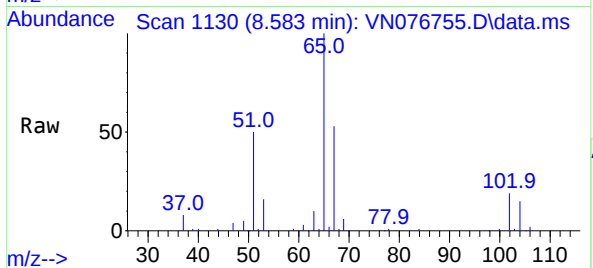
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 190780

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

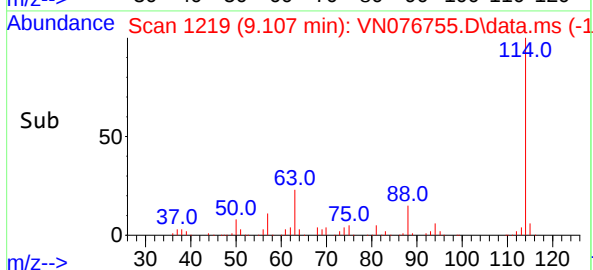
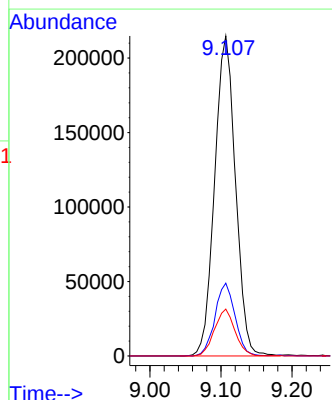
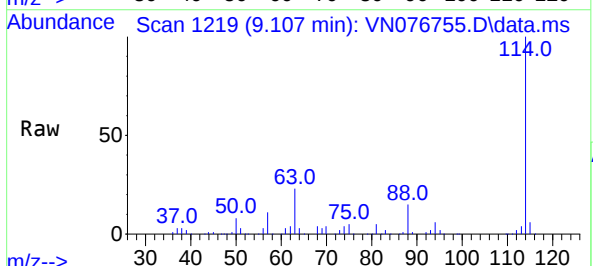
Tgt Ion: 114 Resp: 436856

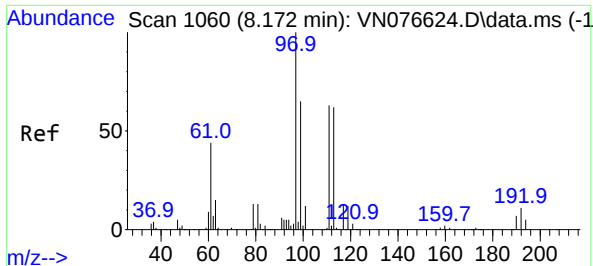
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 14.7 0.0 29.6

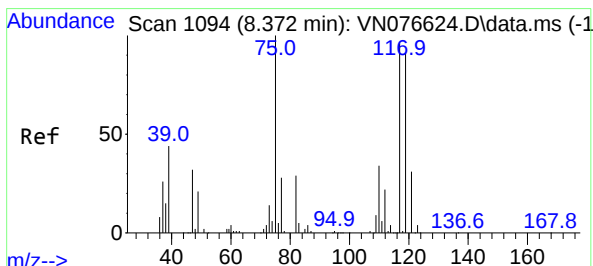
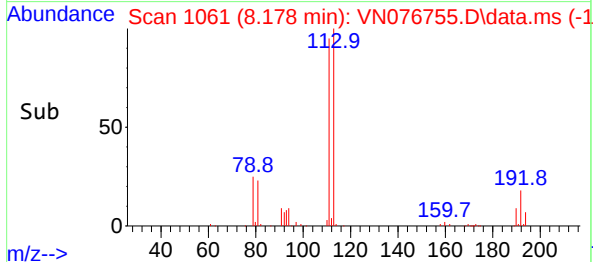
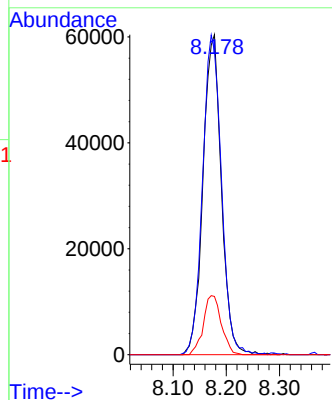
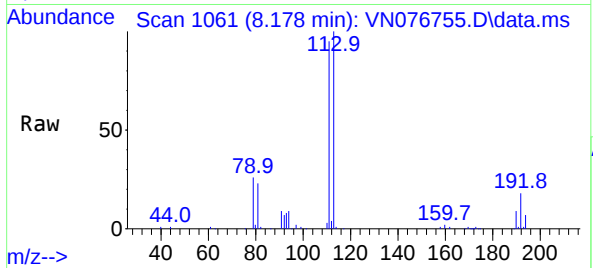




#35
Dibromofluoromethane
Concen: 50.518 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

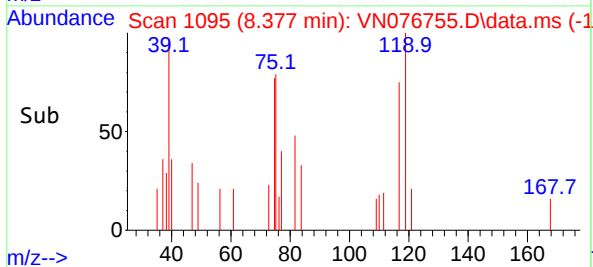
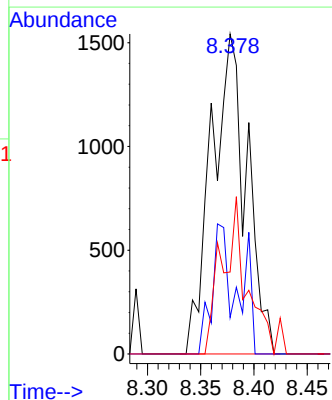
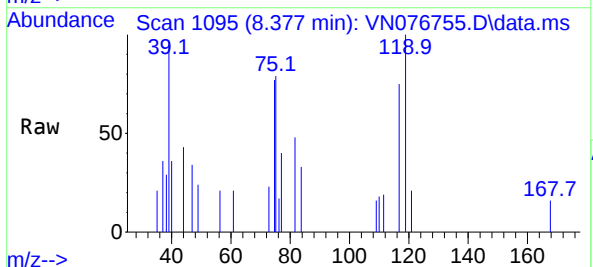
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

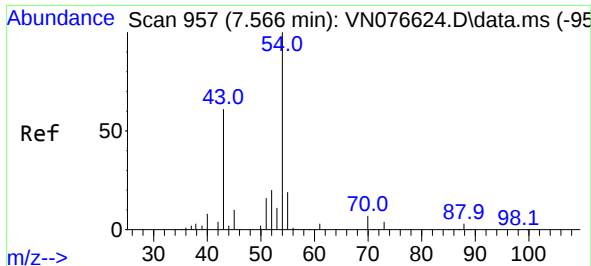
Tgt Ion:113 Resp: 144526
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 18.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 0.858 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 75 Resp: 3547
Ion Ratio Lower Upper
75 100
110 5.8 17.5 52.5#
77 34.2 24.5 36.7

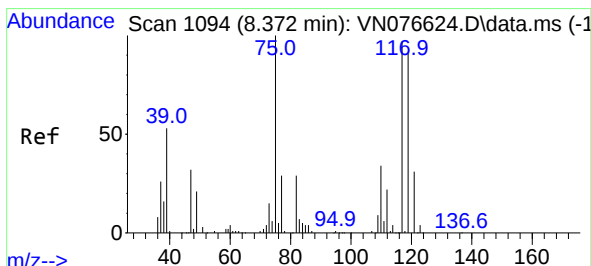
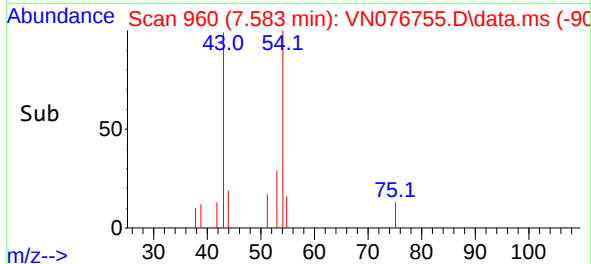
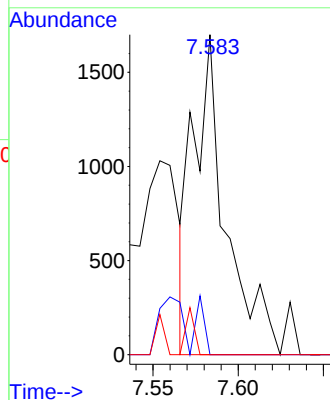
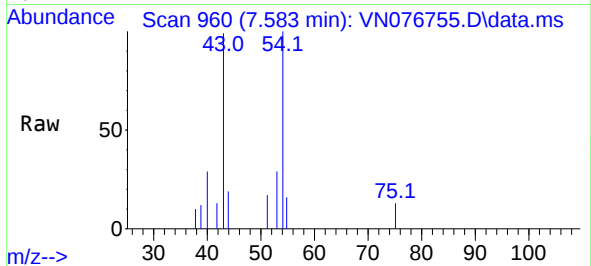




#37
Ethyl Acetate
Concen: 0.519 ug/l
RT: 7.583 min Scan# 90
Delta R.T. 0.017 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

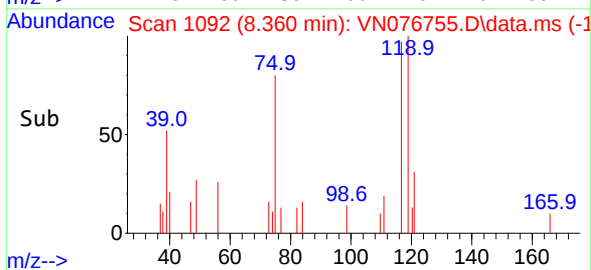
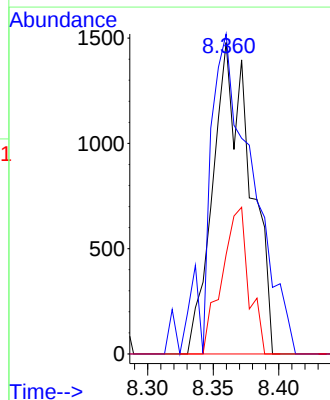
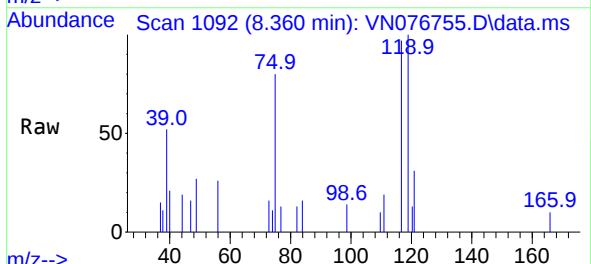
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

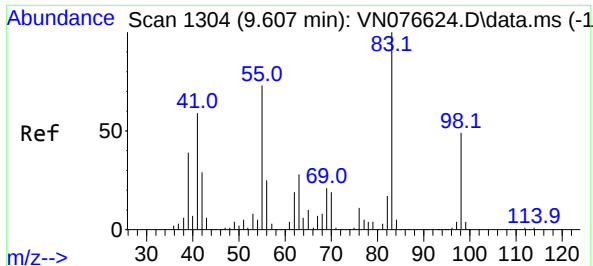
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
61 17.9 9.9 14.9#
70 3.9 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 0.702 ug/l
RT: 8.360 min Scan# 1092
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 117 Resp: 2929
Ion Ratio Lower Upper
117 100
119 102.7 75.4 113.0
121 31.9 26.0 39.0

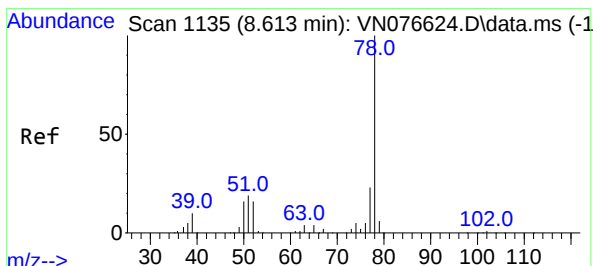
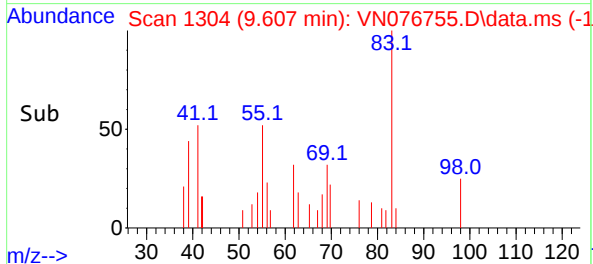
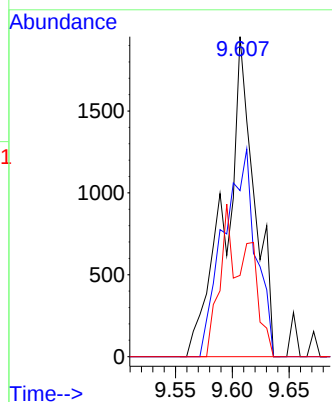
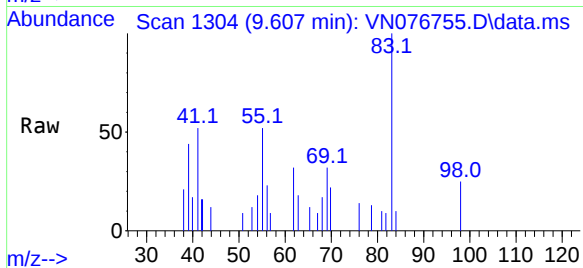




#39
Methylcyclohexane
Concen: 0.740 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

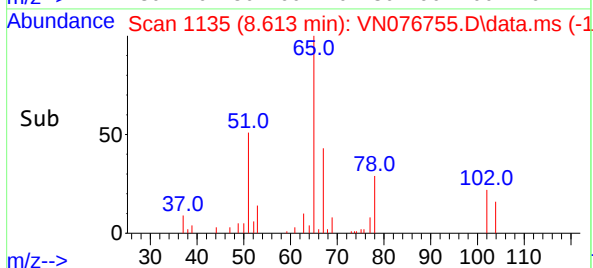
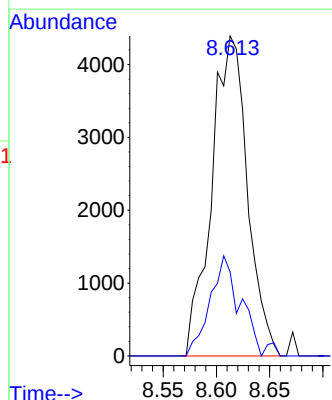
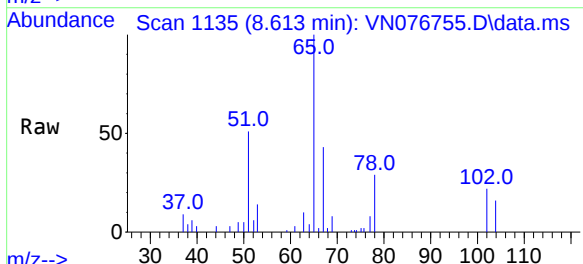
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

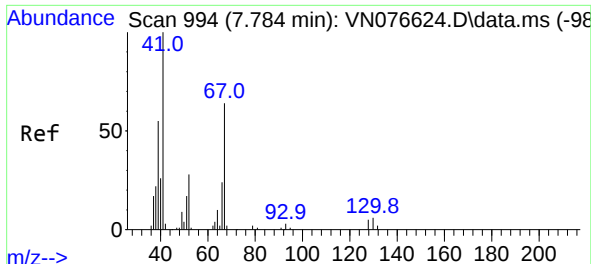
Tgt Ion: 83 Resp: 3477
Ion Ratio Lower Upper
83 100
55 51.9 58.6 88.0#
98 25.4 39.4 59.2#



#40
Benzene
Concen: 0.811 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 78 Resp: 10297
Ion Ratio Lower Upper
78 100
77 26.3 18.2 27.4

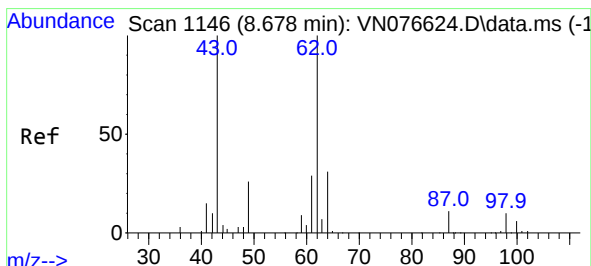
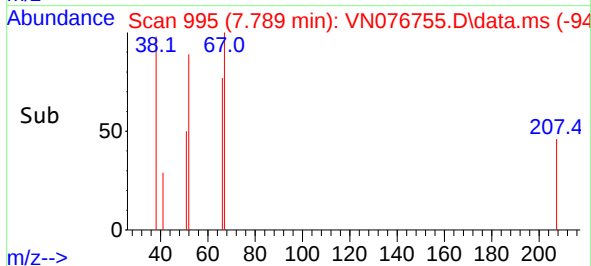
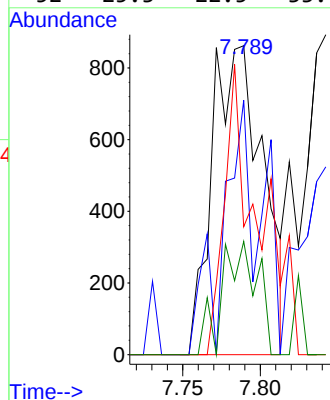
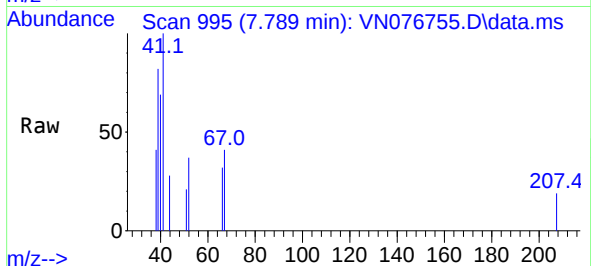




#41
Methacrylonitrile
Concen: 0.785 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

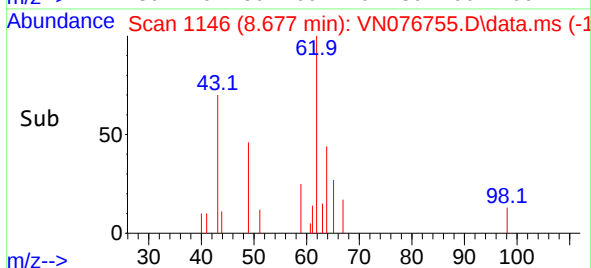
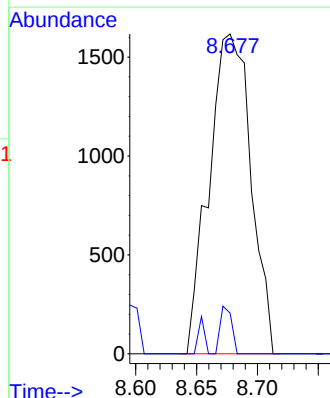
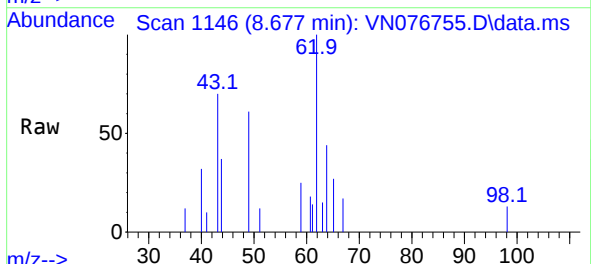
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

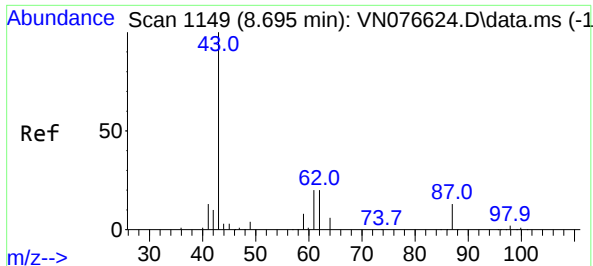
Tgt Ion:	41	Resp:	1977
Ion	Ratio	Lower	Upper
41	100		
39	60.9	42.6	63.8
67	63.2	51.4	77.0
52	25.3	22.5	33.7



#42
1,2-Dichloroethane
Concen: 0.875 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:	62	Resp:	3873
Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	19.2

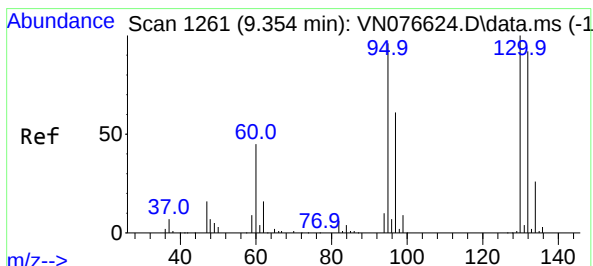
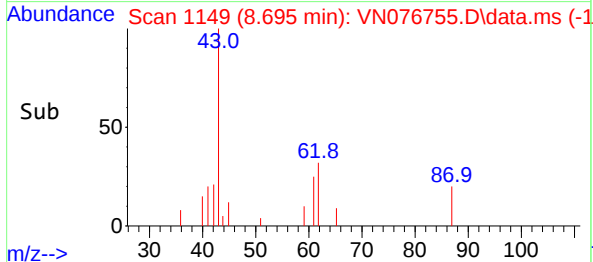
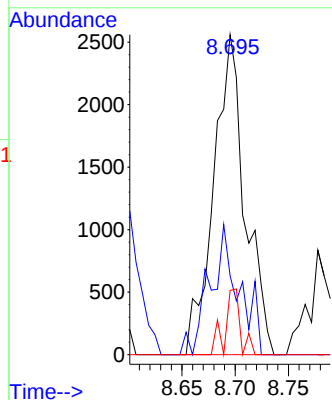
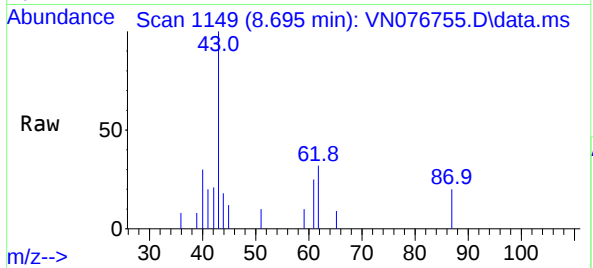




#43
Isopropyl Acetate
Concen: 0.741 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

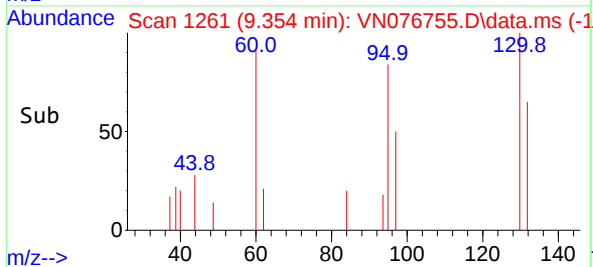
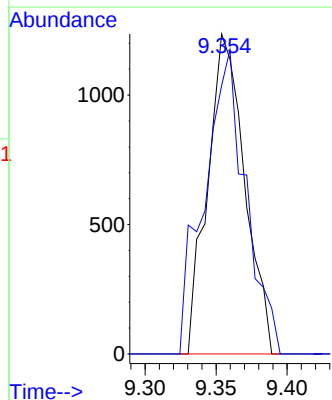
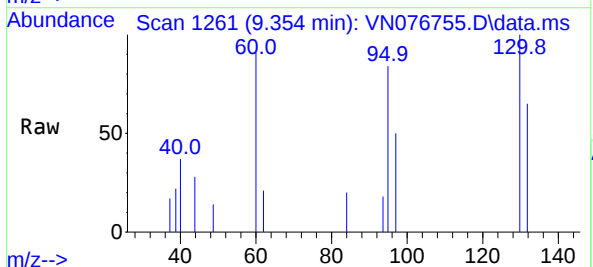
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

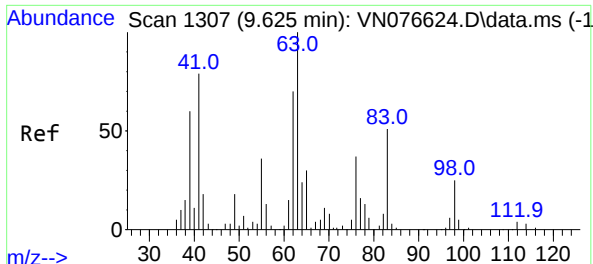
Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
61 37.8 20.0 30.0#
87 10.0 9.9 14.9



#44
Trichloroethene
Concen: 0.747 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:130 Resp: 2240
Ion Ratio Lower Upper
130 100
95 83.9 0.0 191.4

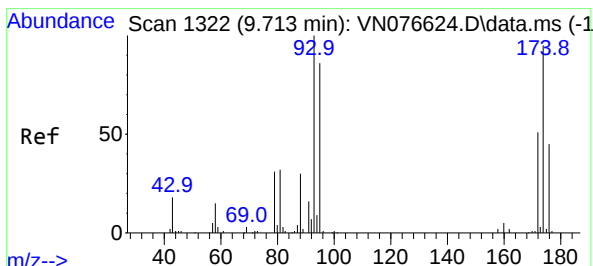
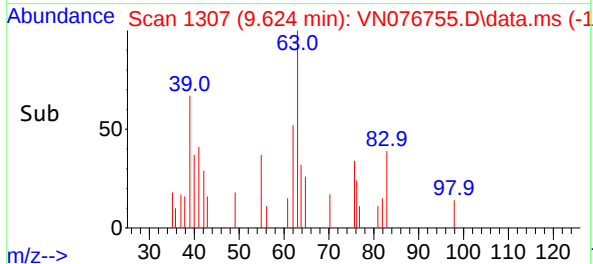
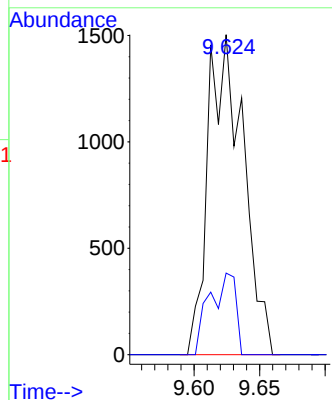
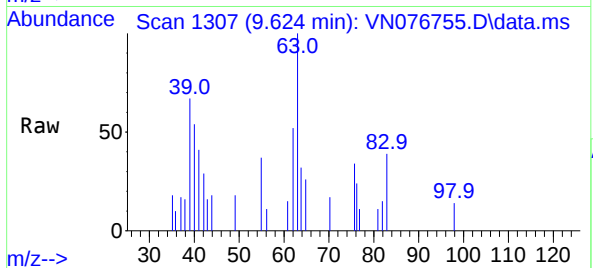




#45
1,2-Dichloropropane
Concen: 0.837 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

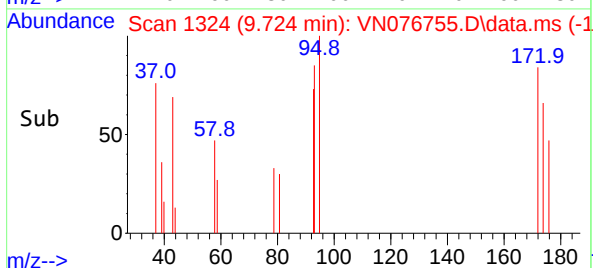
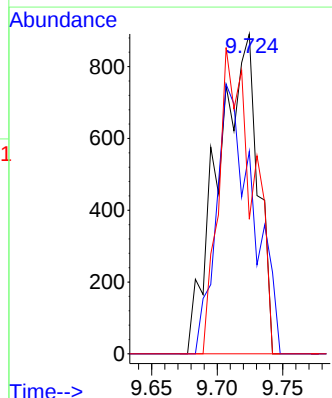
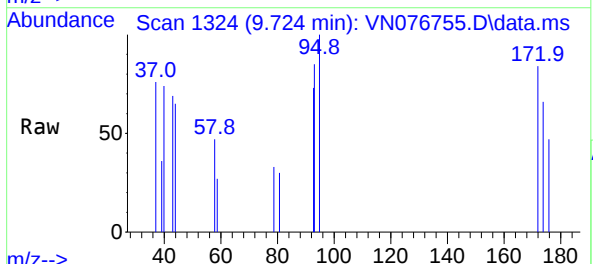
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

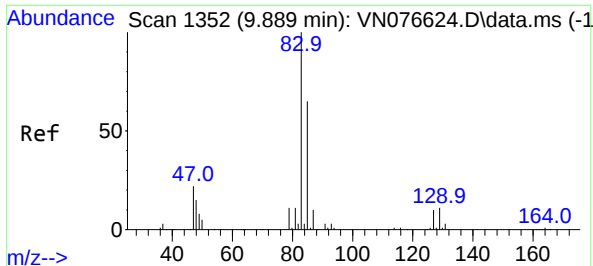
Tgt Ion: 63 Resp: 2812
Ion Ratio Lower Upper
63 100
65 25.5 24.2 36.2



#46
Dibromomethane
Concen: 0.877 ug/l
RT: 9.724 min Scan# 1324
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 93 Resp: 1883
Ion Ratio Lower Upper
93 100
95 76.9 66.0 99.0
174 81.3 75.8 113.8

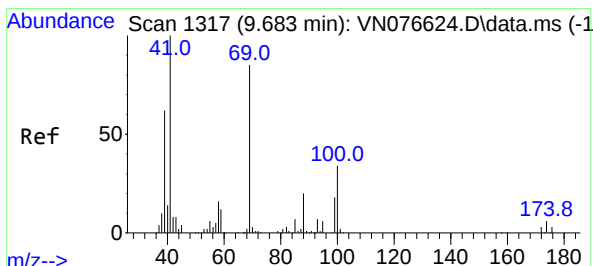
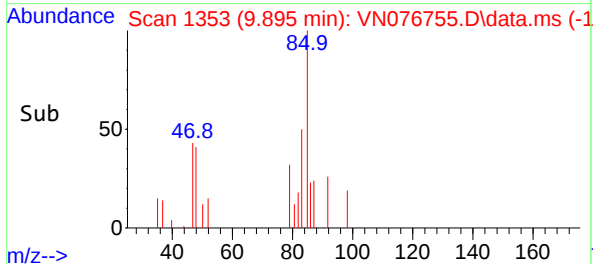
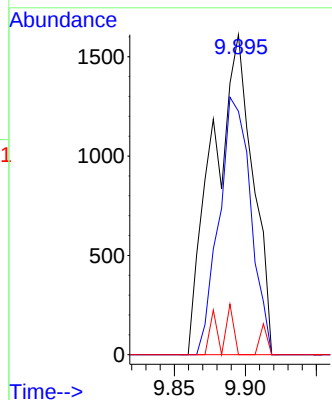
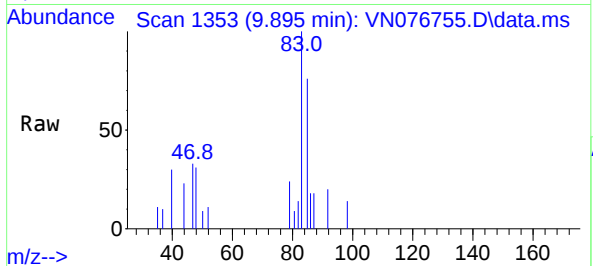




#47
Bromodichloromethane
Concen: 0.734 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

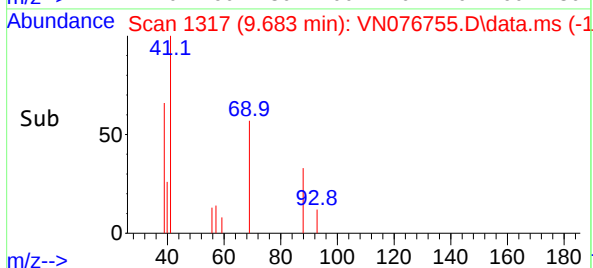
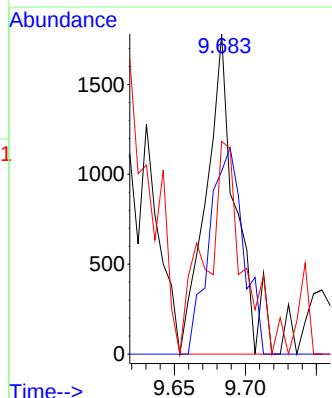
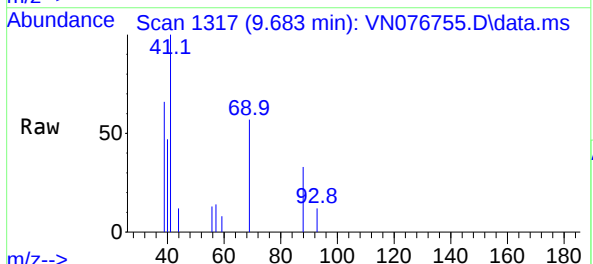
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

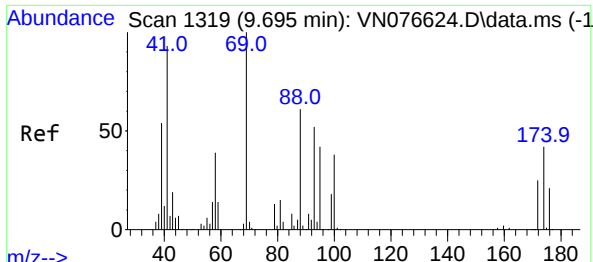
Tgt Ion: 83 Resp: 3160
Ion Ratio Lower Upper
83 100
85 76.0 51.8 77.6
127 0.0 7.9 11.9#



#48
Methyl methacrylate
Concen: 0.775 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 41 Resp: 2602
Ion Ratio Lower Upper
41 100
69 73.8 65.4 98.0
39 82.6 49.3 73.9#

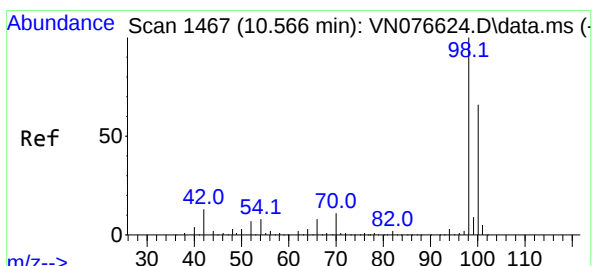
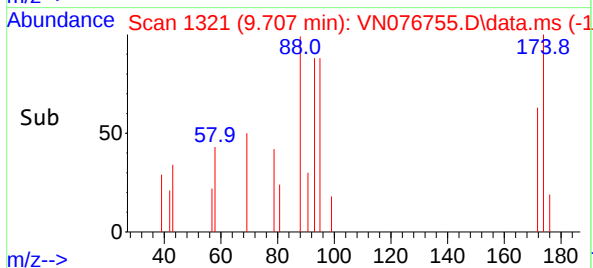
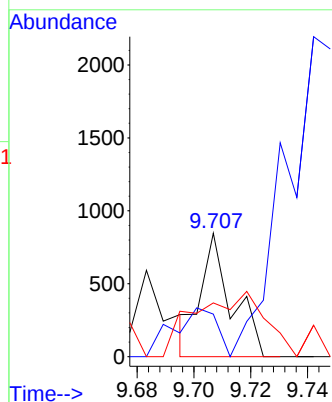
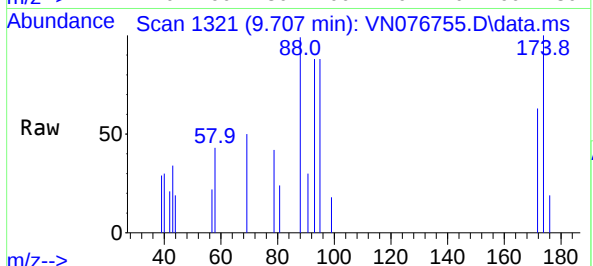




#49
1,4-Dioxane
Concen: 11.000 ug/l
RT: 9.707 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

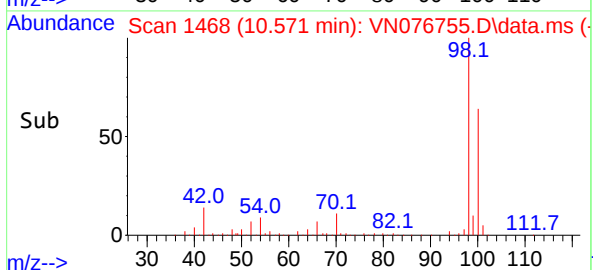
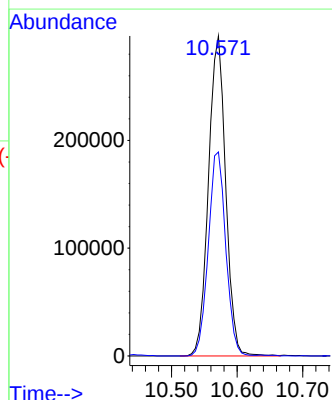
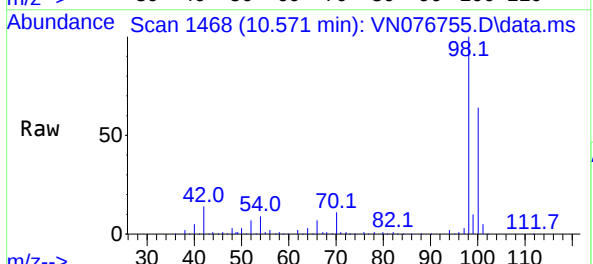
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

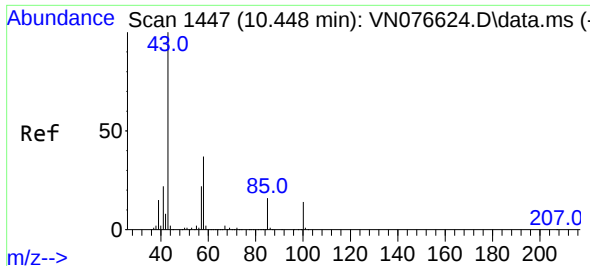
Tgt Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
43 55.9 22.6 33.8#
58 120.0 57.6 86.4#



#50
Toluene-d8
Concen: 50.679 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 98 Resp: 541466
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

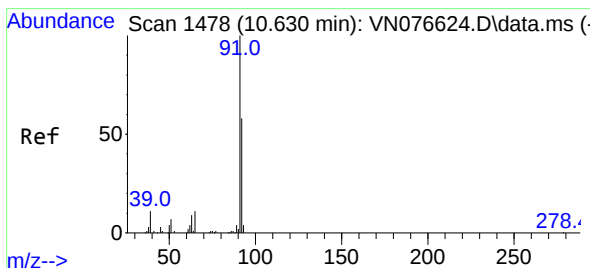
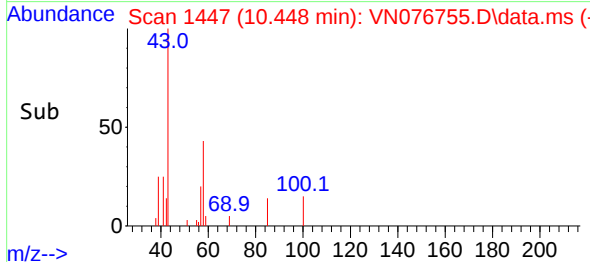
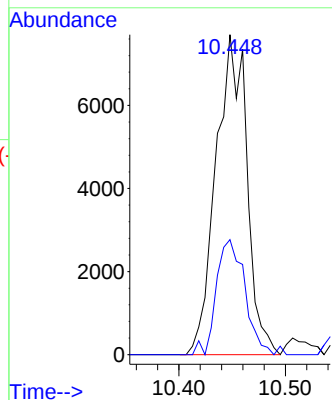
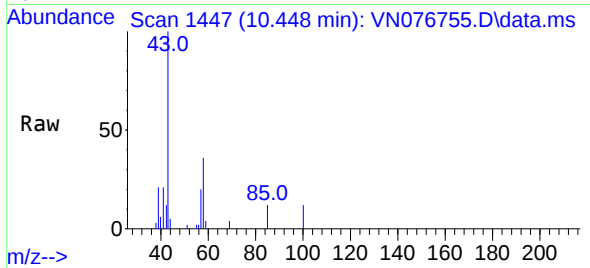




#51
4-Methyl-2-Pentanone
Concen: 3.451 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

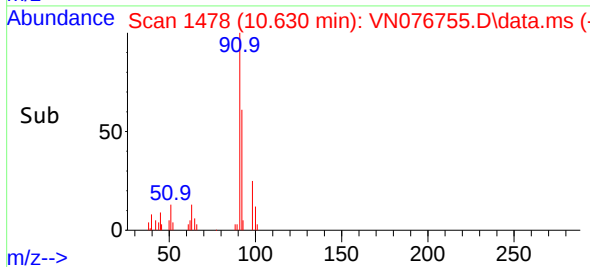
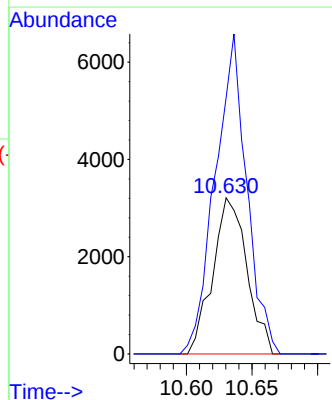
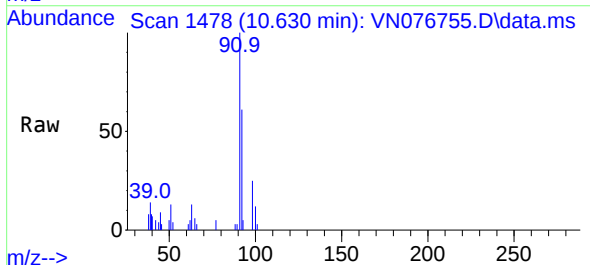
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

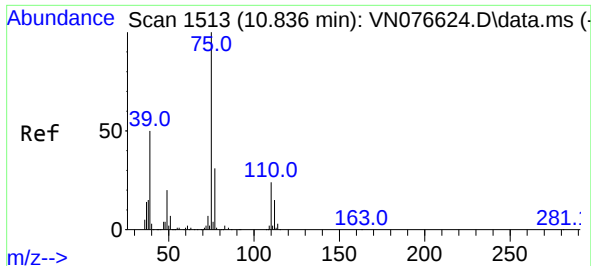
Tgt Ion: 43 Resp: 15538
Ion Ratio Lower Upper
43 100
58 33.1 29.5 44.3



#52
Toluene
Concen: 0.760 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 92 Resp: 5826
Ion Ratio Lower Upper
92 100
91 188.8 138.0 207.0

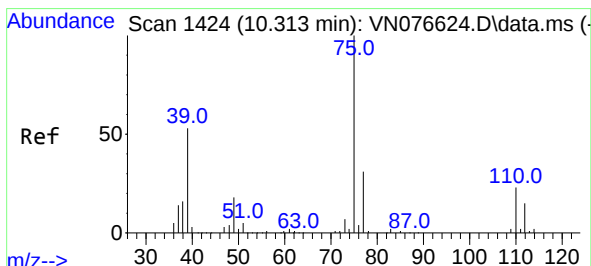
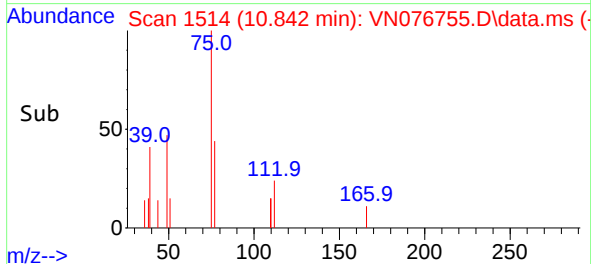
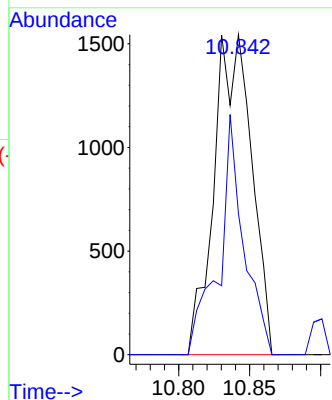
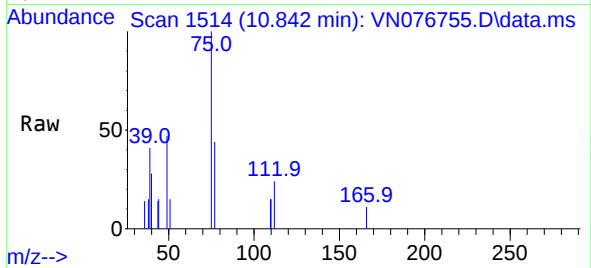




#53
t-1,3-Dichloropropene
Concen: 0.685 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

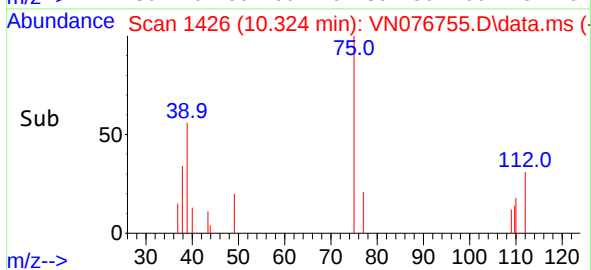
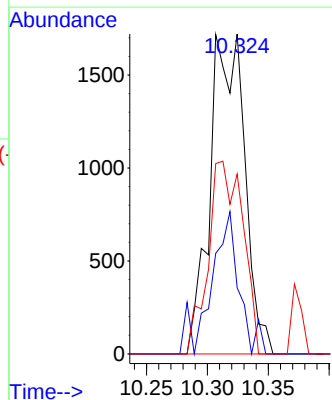
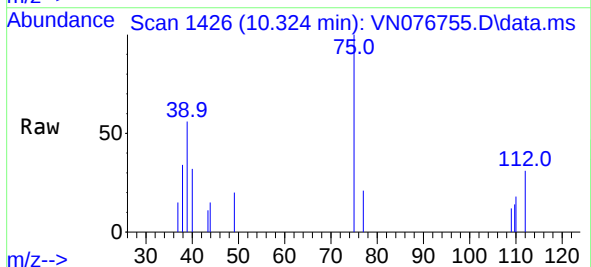
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

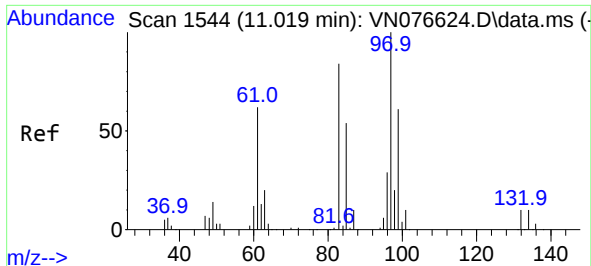
Tgt Ion: 75 Resp: 2848
Ion Ratio Lower Upper
75 100
77 44.1 24.6 37.0#



#54
cis-1,3-Dichloropropene
Concen: 0.708 ug/l
RT: 10.324 min Scan# 1426
Delta R.T. 0.011 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 75 Resp: 3393
Ion Ratio Lower Upper
75 100
77 20.7 25.1 37.7#
39 56.2 42.3 63.5

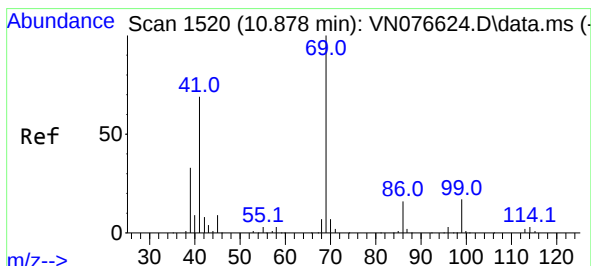
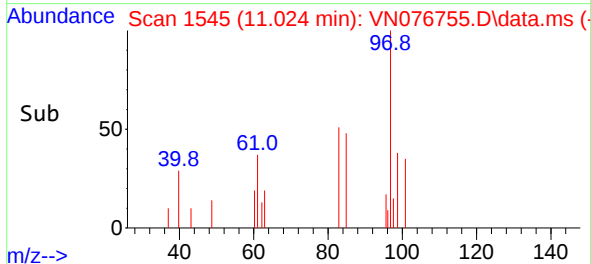
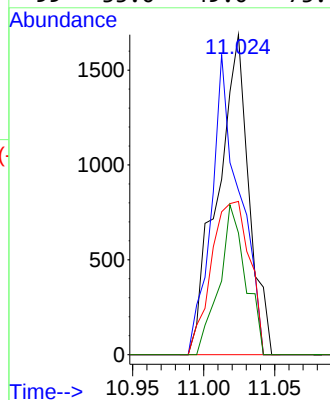
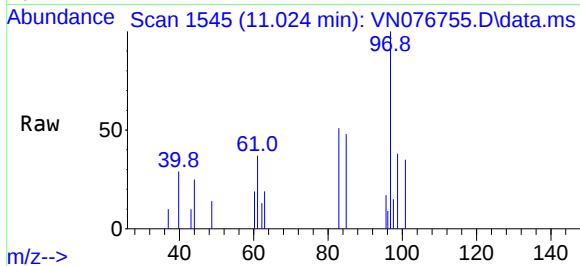




#55
1,1,2-Trichloroethane
Concen: 0.833 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

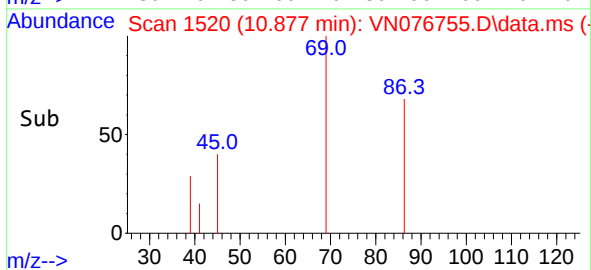
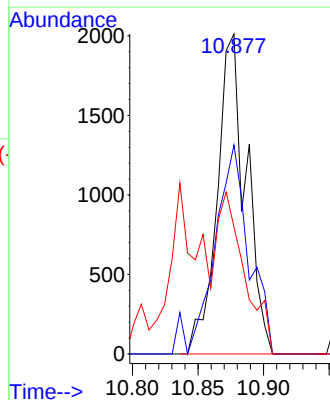
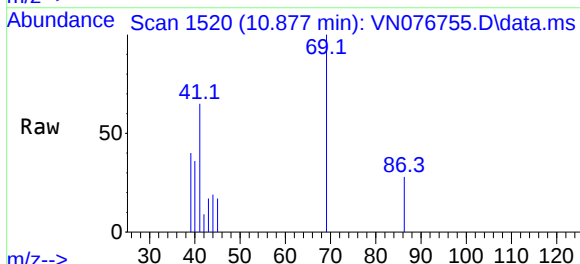
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

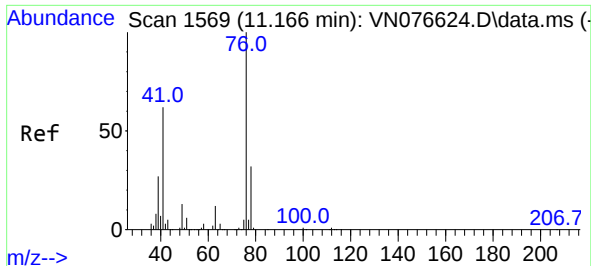
Tgt Ion:	97	Resp:	2595
Ion	Ratio	Lower	Upper
97	100		
83	44.5	67.3	100.9#
85	41.5	43.2	64.8#
99	33.0	49.0	73.4#



#56
Ethyl methacrylate
Concen: 0.705 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:	69	Resp:	3093
Ion	Ratio	Lower	Upper
69	100		
41	75.2	55.1	82.7
39	48.0	30.7	46.1#





#57

1,3-Dichloropropane

Concen: 0.841 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN076755.D

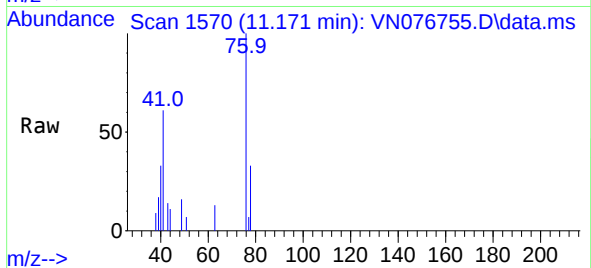
Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

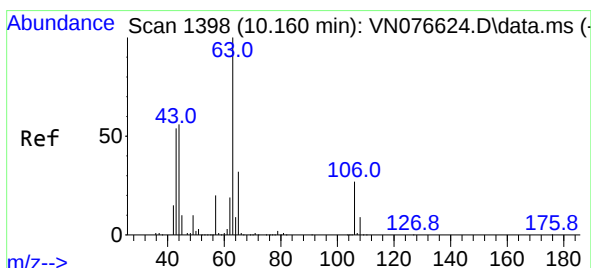
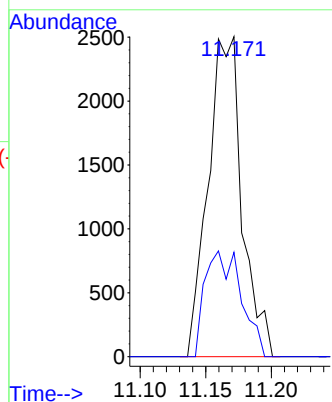
ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 76 Resp: 4505

Ion	Ratio	Lower	Upper
76	100		
78	35.2	26.1	39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.233 ug/l

RT: 10.160 min Scan# 1398

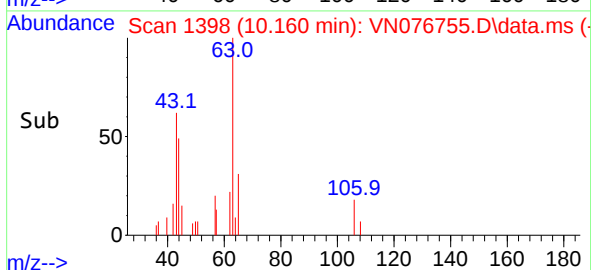
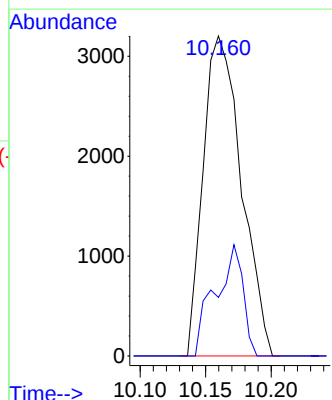
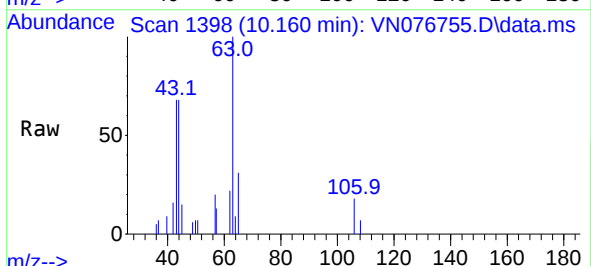
Delta R.T. -0.000 min

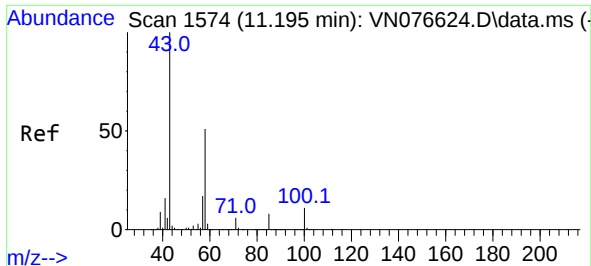
Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Tgt Ion: 63 Resp: 6494

Ion	Ratio	Lower	Upper
63	100		
106	25.3	22.3	33.5

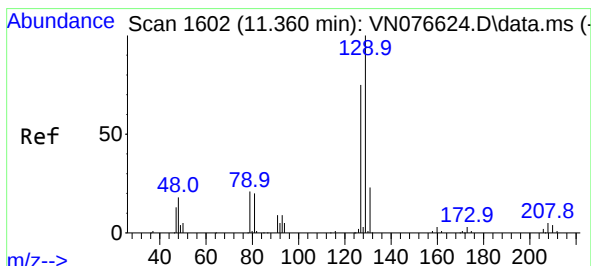
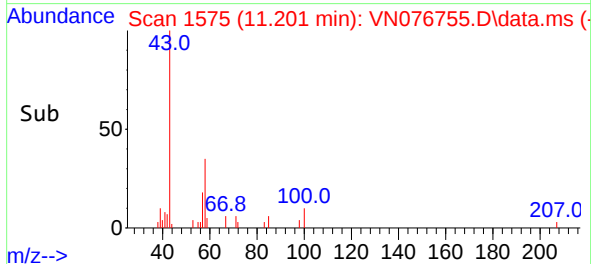
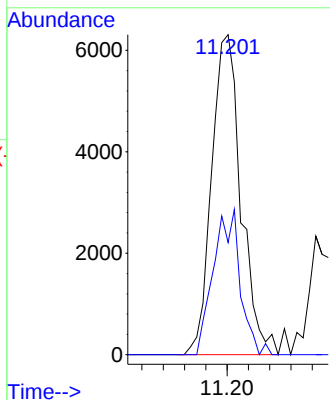
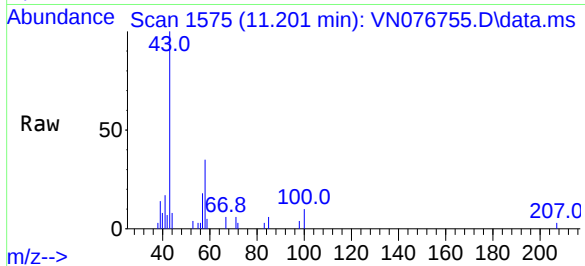




#59
2-Hexanone
Concen: 3.719 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

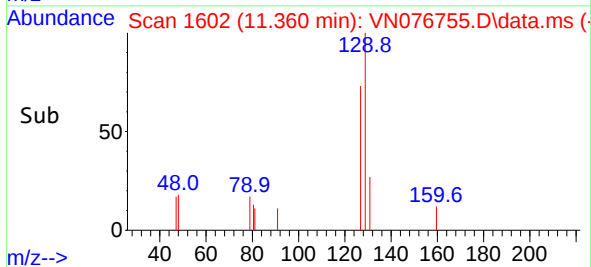
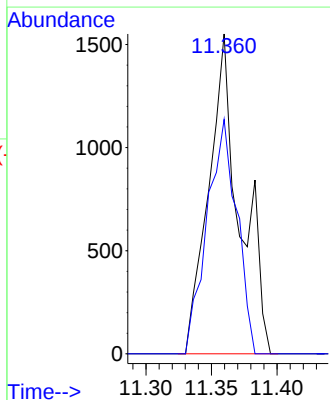
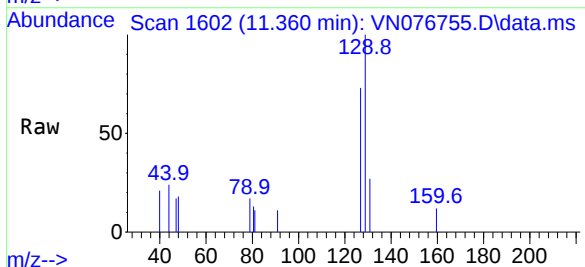
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

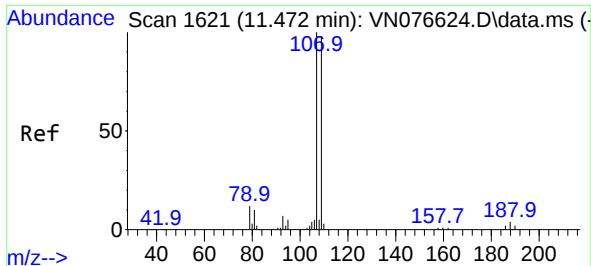
Tgt Ion: 43 Resp: 12073
Ion Ratio Lower Upper
43 100
58 41.2 25.4 76.0



#60
Dibromochloromethane
Concen: 0.778 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 129 Resp: 2555
Ion Ratio Lower Upper
129 100
127 70.1 38.8 116.4

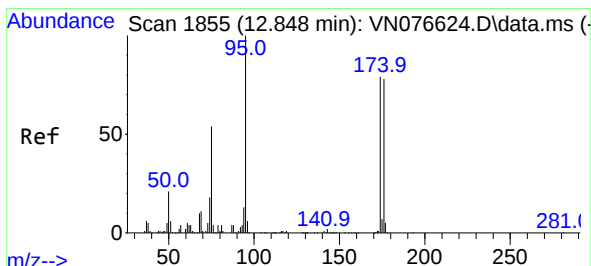
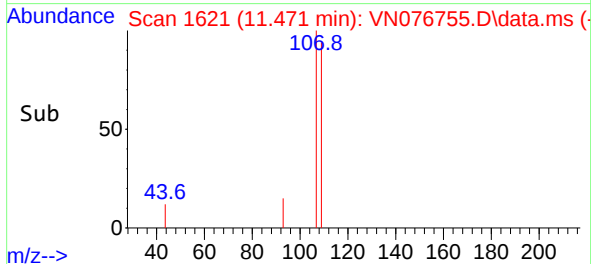
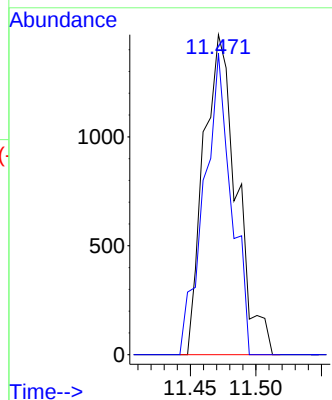
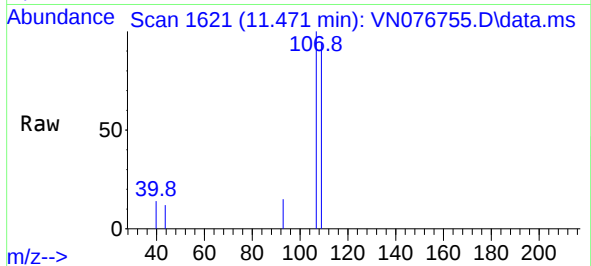




#61
1,2-Dibromoethane
Concen: 0.824 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

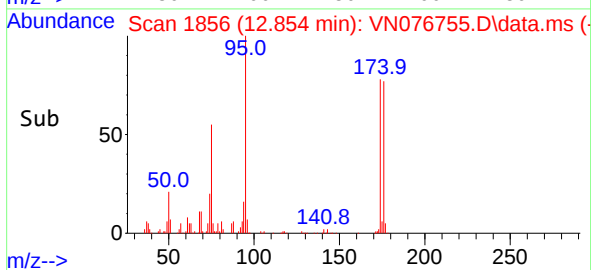
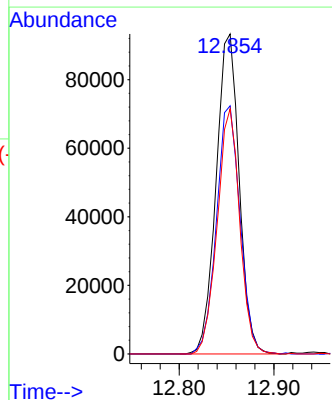
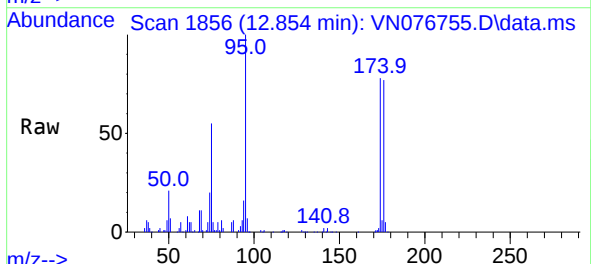
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

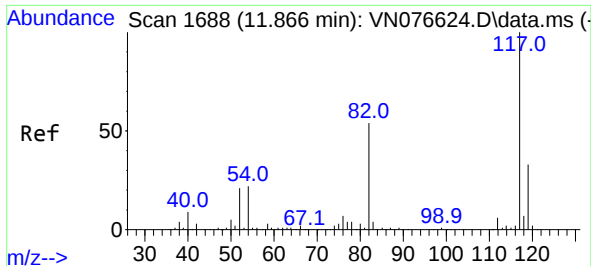
Tgt Ion:107 Resp: 2571
Ion Ratio Lower Upper
107 100
109 78.3 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 95 Resp: 157859
Ion Ratio Lower Upper
95 100
174 79.5 0.0 169.2
176 74.8 0.0 163.4

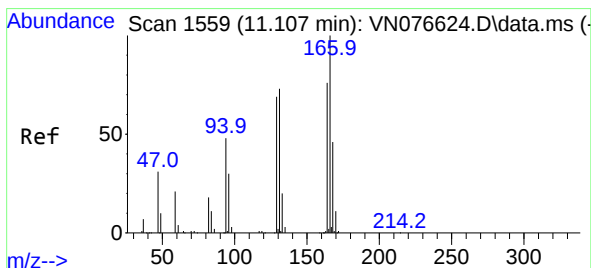
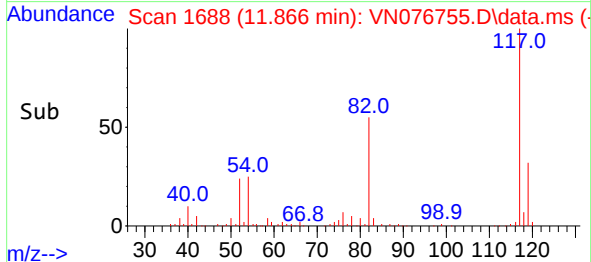
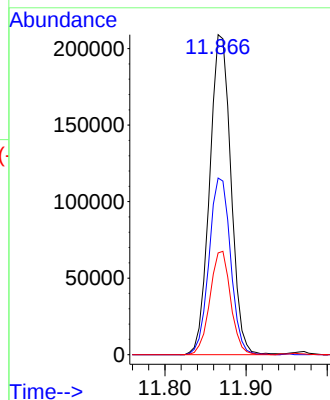
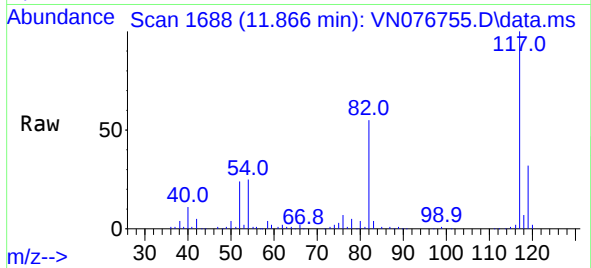




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

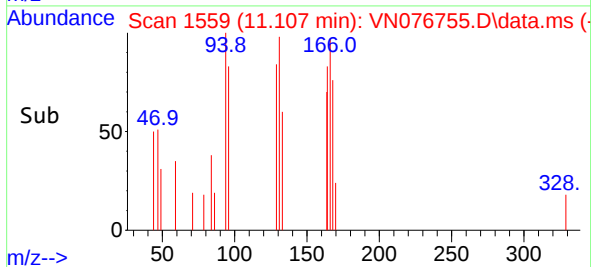
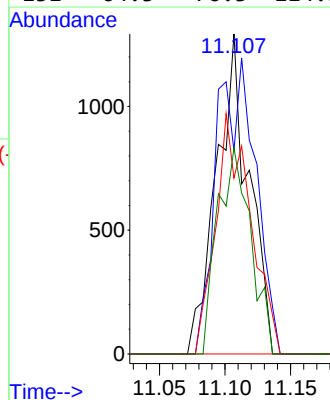
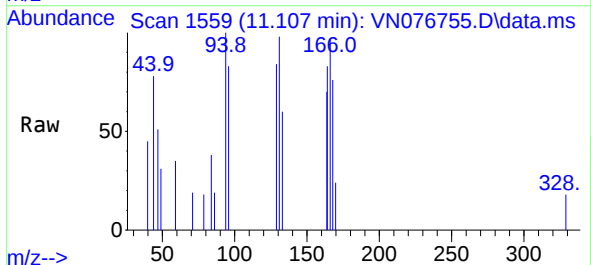
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

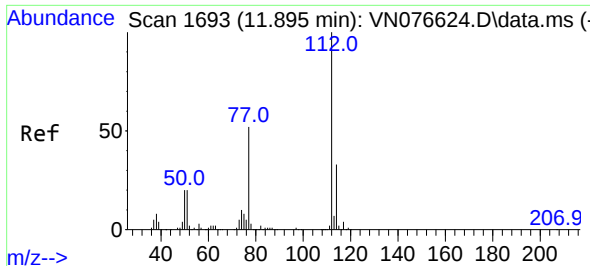
Tgt Ion:117 Resp: 381560
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.2
119 31.8 26.1 39.1



#64
Tetrachloroethene
Concen: 0.920 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:164 Resp: 2212
Ion Ratio Lower Upper
164 100
166 63.5 104.8 157.2#
129 55.0 72.2 108.2#
131 64.3 76.3 114.5#

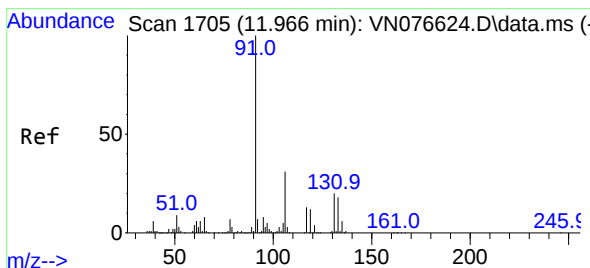
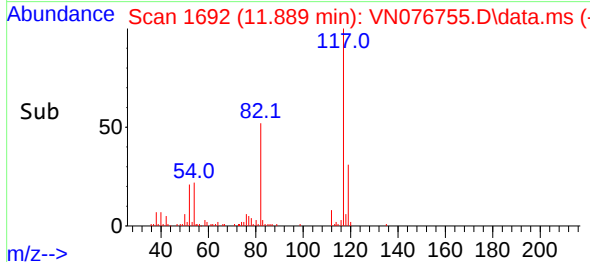
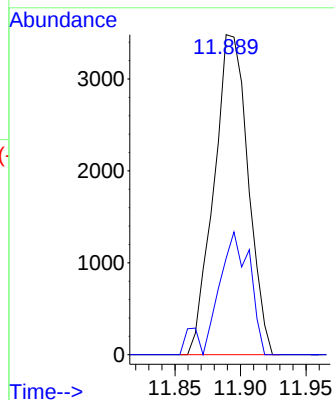
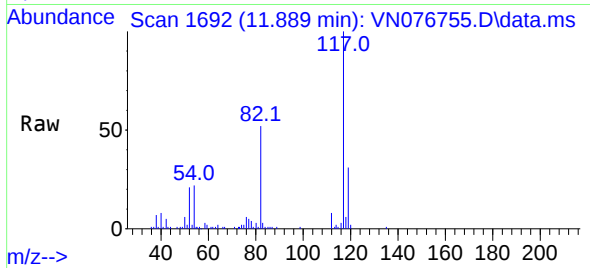




#65
Chlorobenzene
Concen: 0.782 ug/l
RT: 11.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

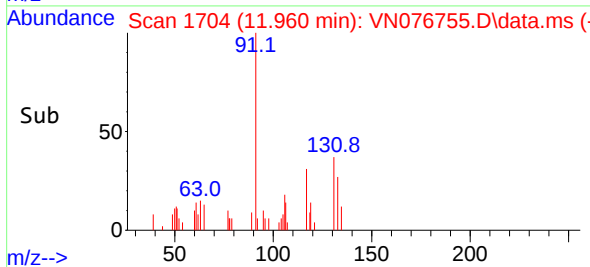
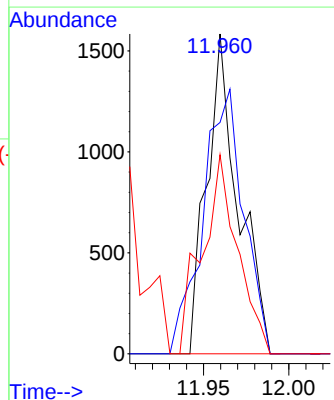
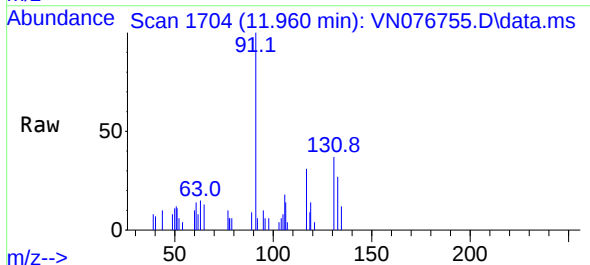
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

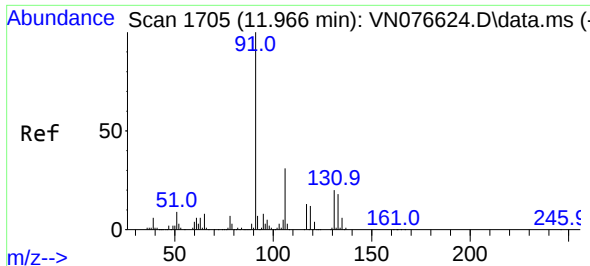
Tgt Ion:112 Resp: 6326
Ion Ratio Lower Upper
112 100
114 30.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.694 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:131 Resp: 2039
Ion Ratio Lower Upper
131 100
133 107.0 47.0 141.0
119 0.0 32.3 96.8#

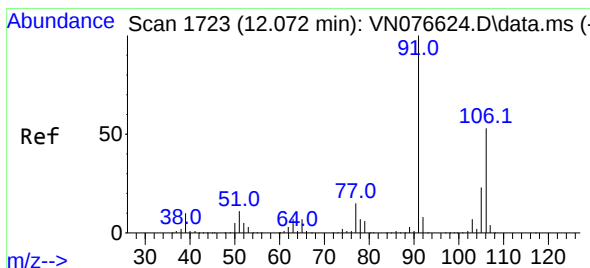
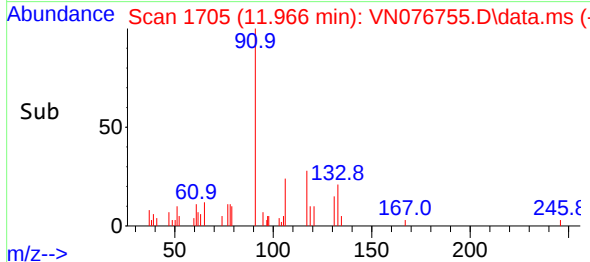
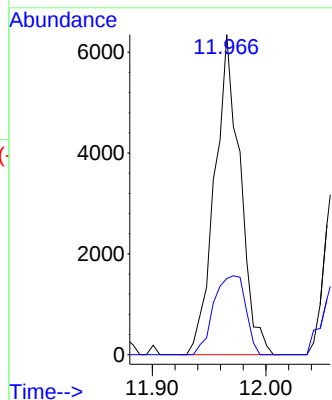
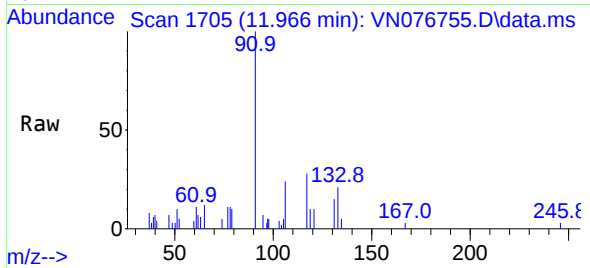




#67
Ethyl Benzene
Concen: 0.721 ug/l
RT: 11.966 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

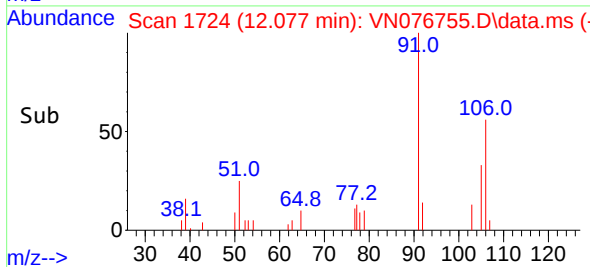
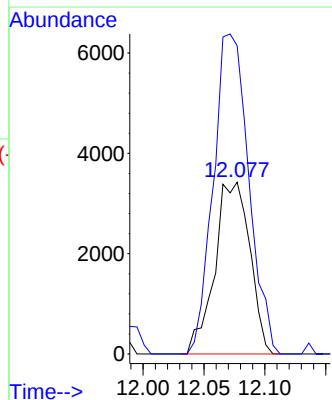
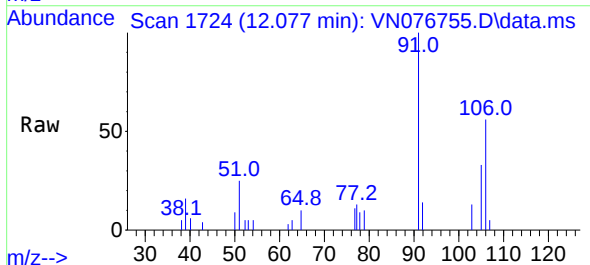
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

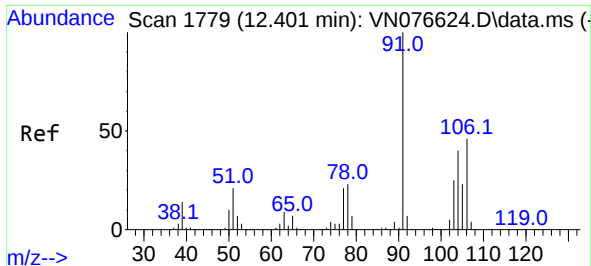
Tgt Ion: 91 Resp: 9927
Ion Ratio Lower Upper
91 100
106 23.8 25.1 37.7#



#68
m/p-Xylenes
Concen: 1.297 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:106 Resp: 6887
Ion Ratio Lower Upper
106 100
91 187.6 154.7 232.1

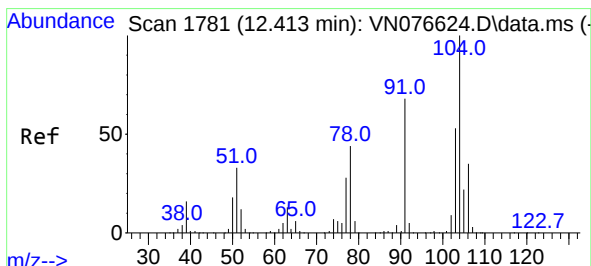
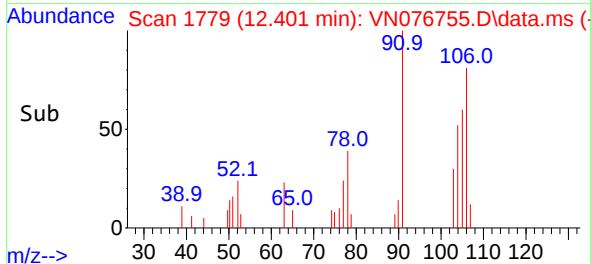
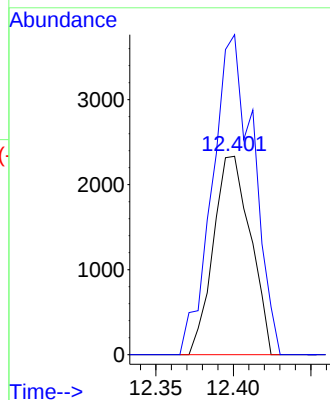
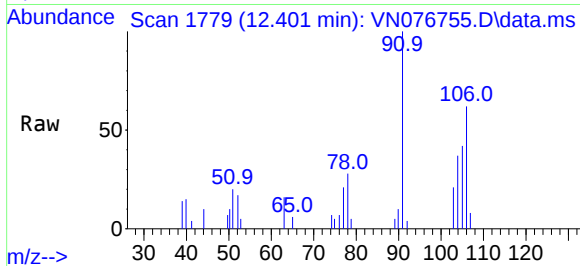




#69
o-Xylene
Concen: 0.753 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

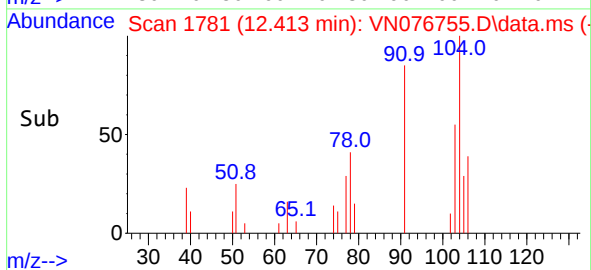
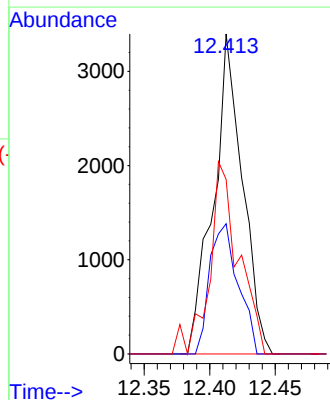
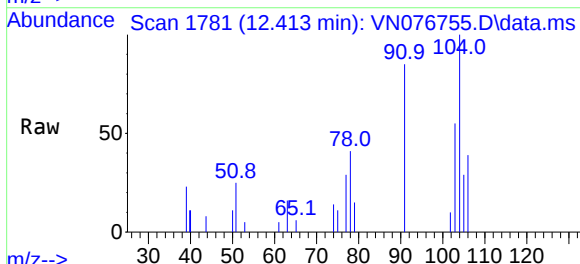
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

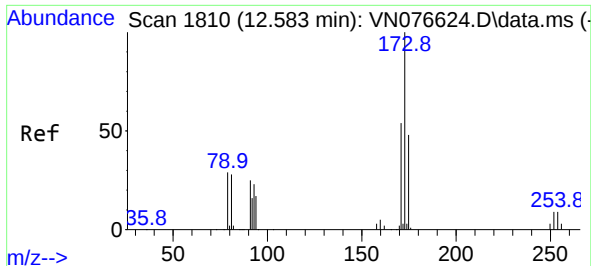
Tgt Ion:106 Resp: 3898
Ion Ratio Lower Upper
106 100
91 177.3 105.8 317.4



#70
Styrene
Concen: 0.626 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:104 Resp: 5240
Ion Ratio Lower Upper
104 100
78 39.9 38.2 57.4
103 60.0 44.2 66.4

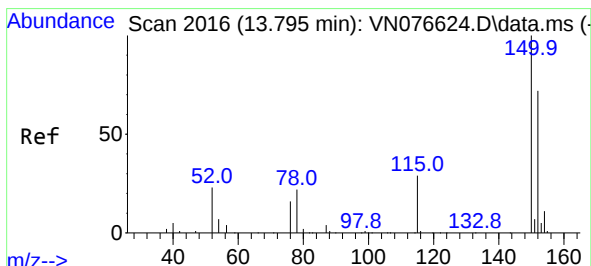
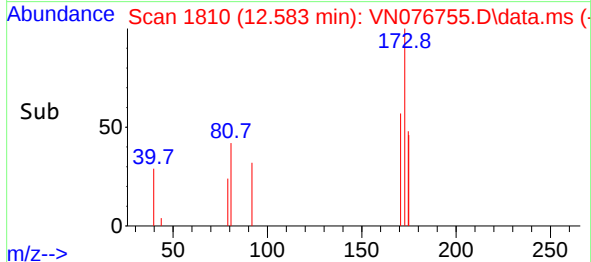
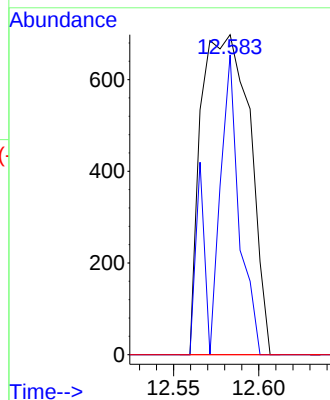
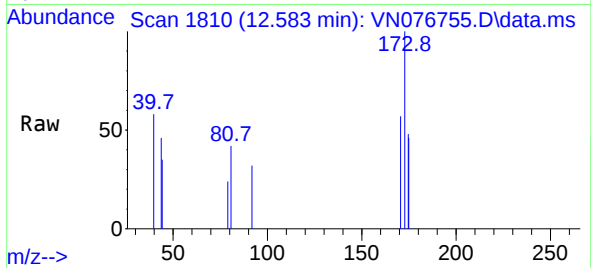




#71
Bromoform
Concen: 0.642 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

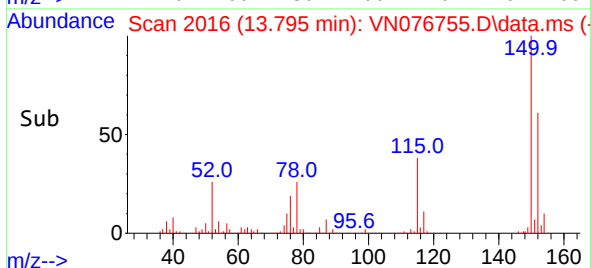
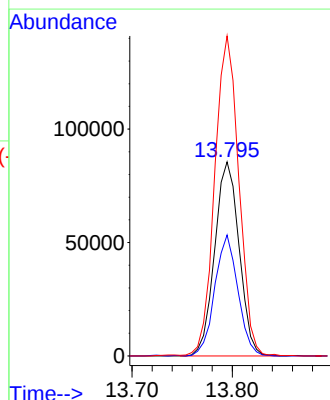
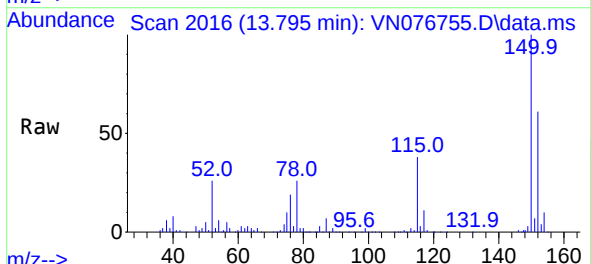
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

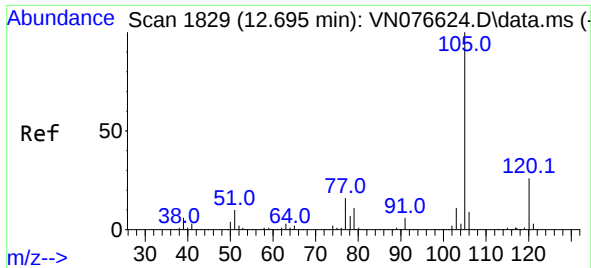
Tgt Ion:173 Resp: 1383
Ion Ratio Lower Upper
173 100
175 46.7 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:152 Resp: 144803
Ion Ratio Lower Upper
152 100
115 59.1 29.3 87.9
150 163.3 0.0 349.8

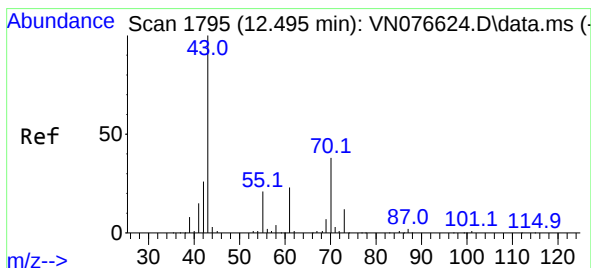
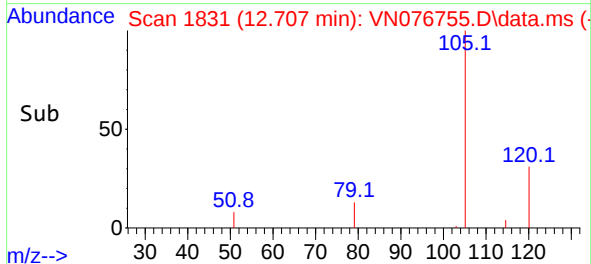
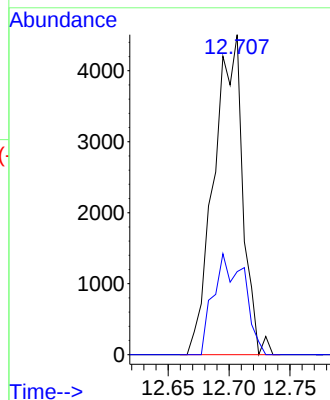
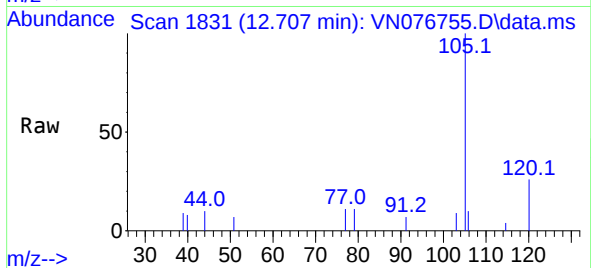




#73
Isopropylbenzene
Concen: 0.699 ug/l
RT: 12.707 min Scan# 1831
Delta R.T. 0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

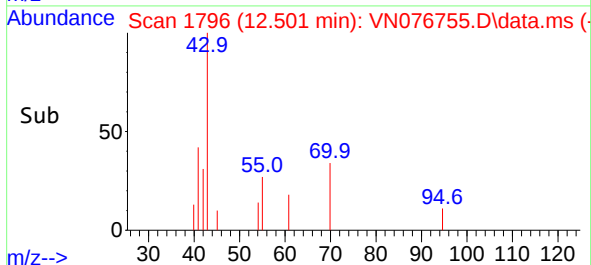
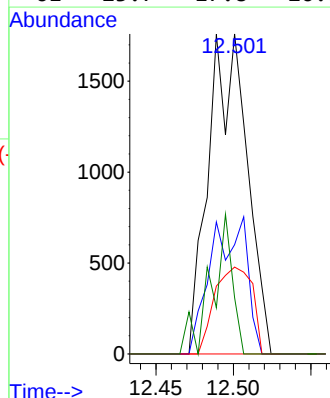
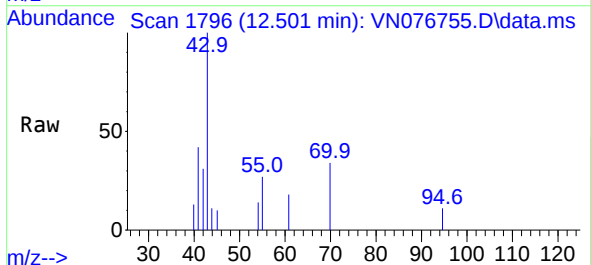
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

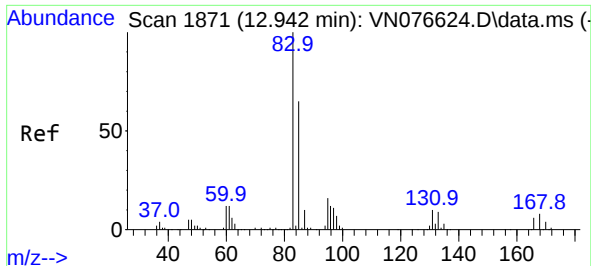
Tgt Ion:105 Resp: 7419
Ion Ratio Lower Upper
105 100
120 33.6 13.7 41.0



#74
N-ethyl acetate
Concen: 0.635 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 43 Resp: 3036
Ion Ratio Lower Upper
43 100
70 39.7 30.5 45.7
55 26.4 17.8 26.8
61 23.7 17.8 26.8

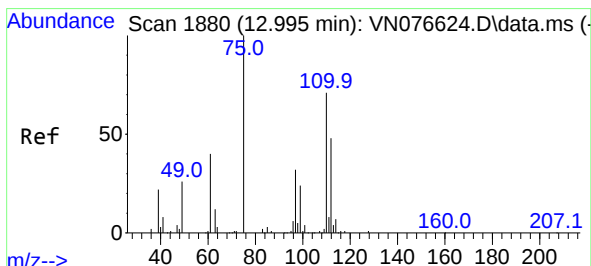
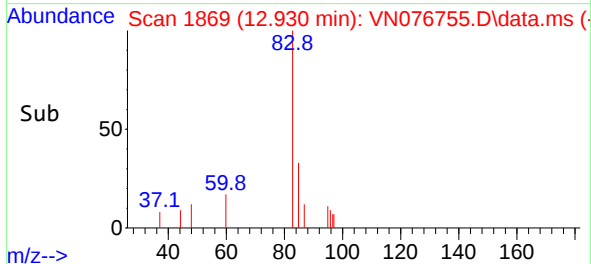
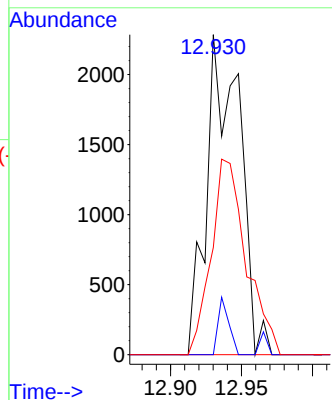
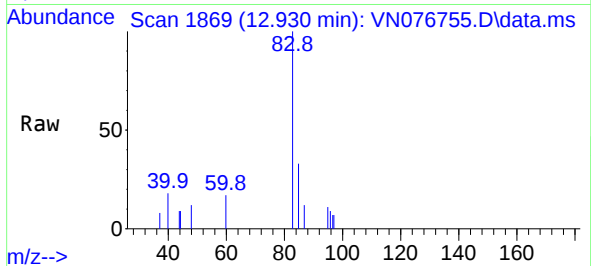




#75
1,1,2,2-Tetrachloroethane
Concen: 0.969 ug/l
RT: 12.930 min Scan# 1869
Delta R.T. -0.012 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

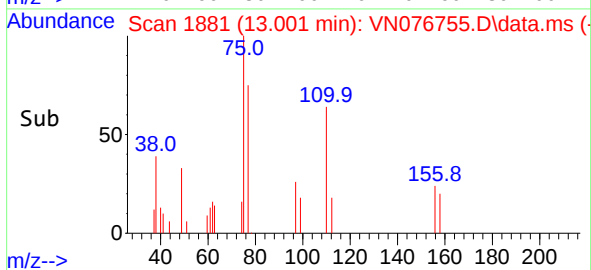
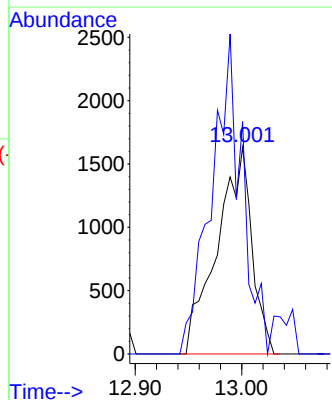
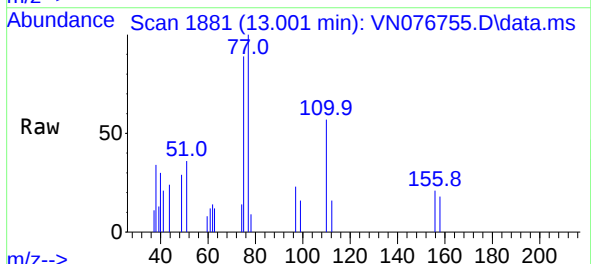
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

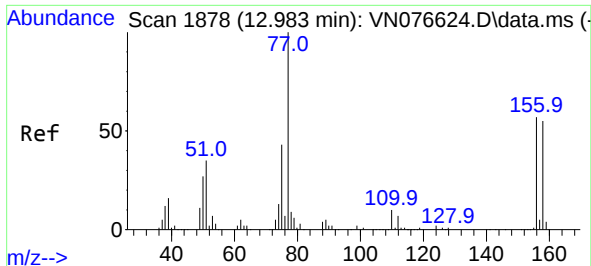
Tgt Ion: 83 Resp: 3721
Ion Ratio Lower Upper
83 100
131 5.7 5.0 15.0
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 1.265 ug/l
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 75 Resp: 3703
Ion Ratio Lower Upper
75 100
77 136.1 93.1 279.3

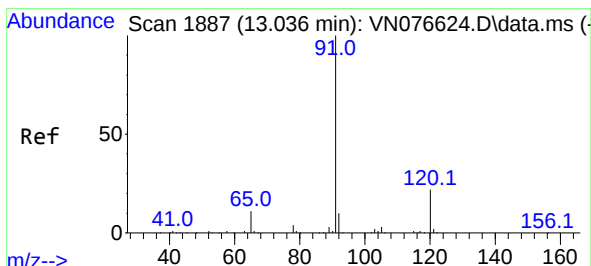
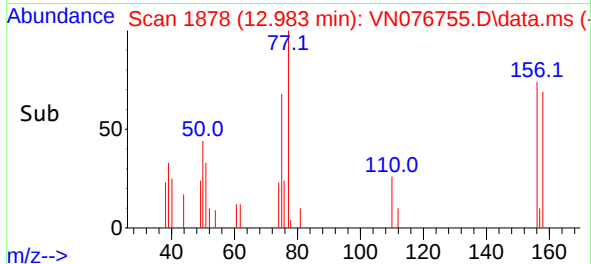
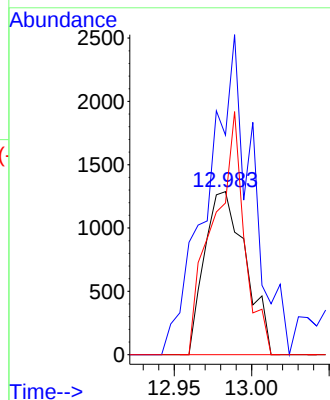
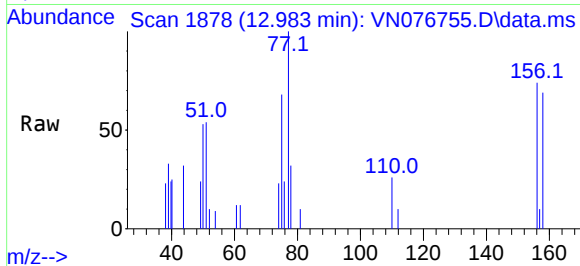




#77
Bromobenzene
Concen: 0.896 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

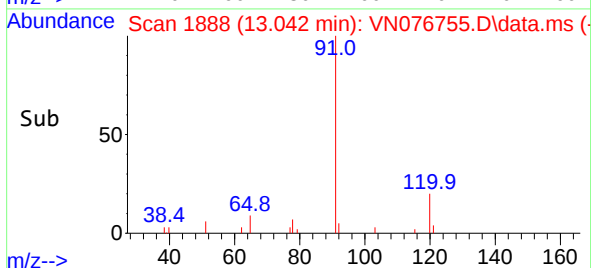
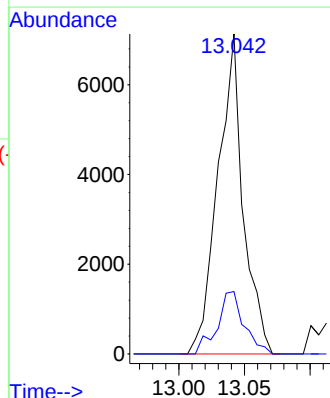
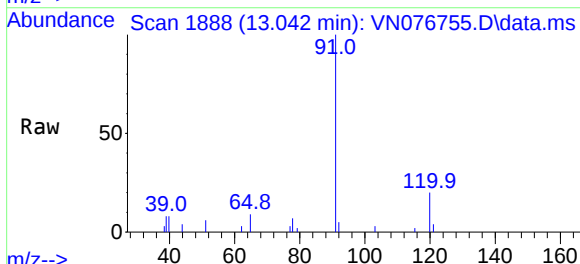
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

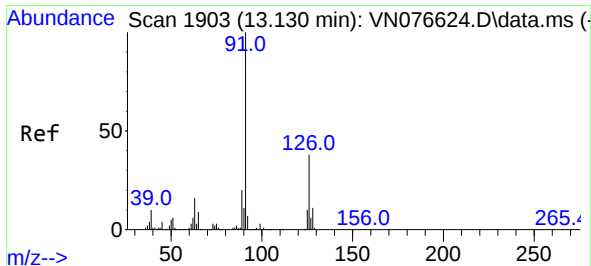
Tgt Ion:	156	Resp:	2373
Ion	Ratio	Lower	Upper
156	100		
77	212.4	102.8	308.4
158	111.7	48.9	146.6



#78
n-propylbenzene
Concen: 0.768 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:	91	Resp:	9566
Ion	Ratio	Lower	Upper
91	100		
120	20.6	11.5	34.5

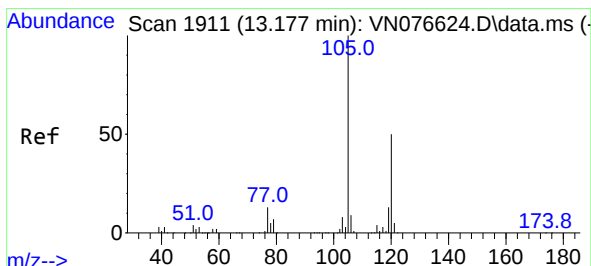
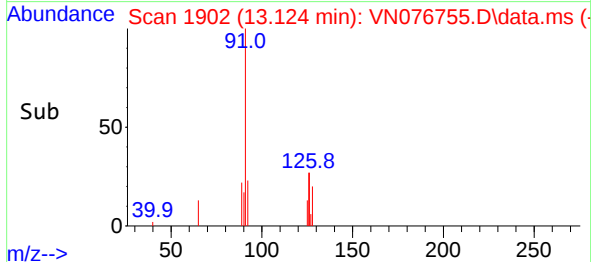
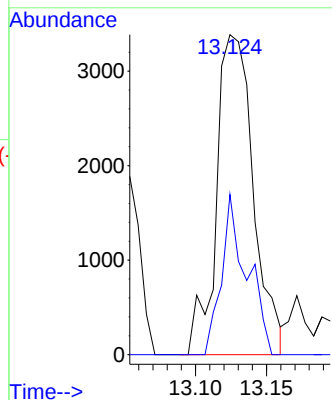
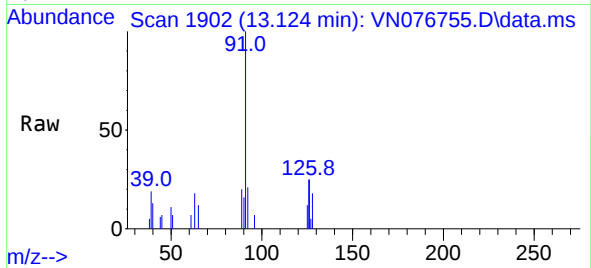




#79
2-Chlorotoluene
Concen: 0.804 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

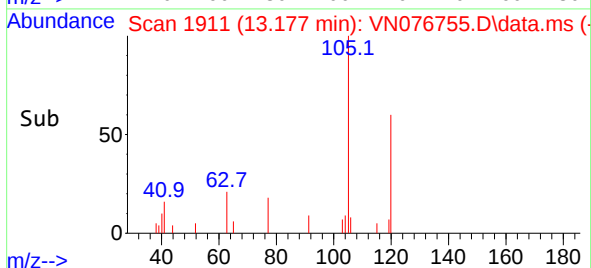
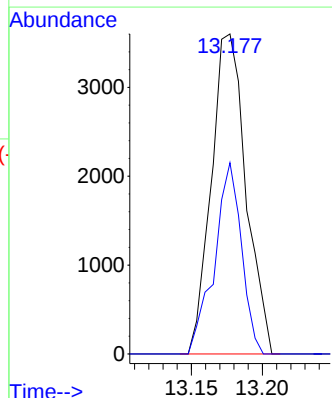
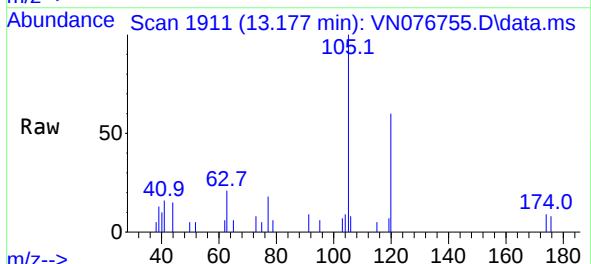
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

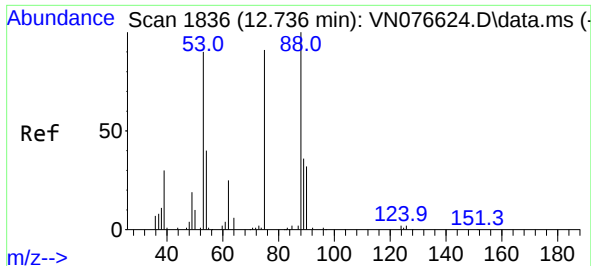
Tgt Ion: 91 Resp: 6132
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 0.696 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 105 Resp: 6105
Ion Ratio Lower Upper
105 100
120 46.8 25.1 75.4

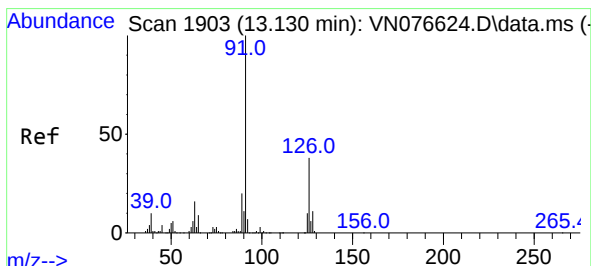
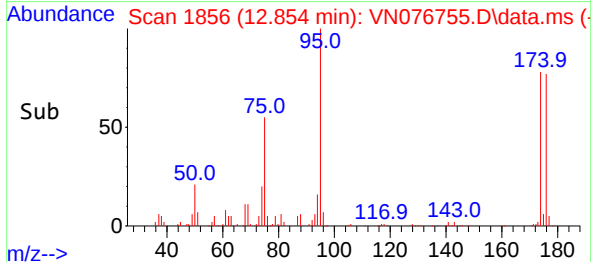
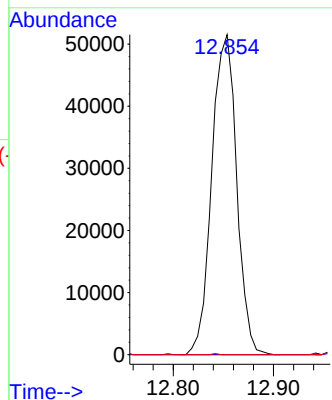
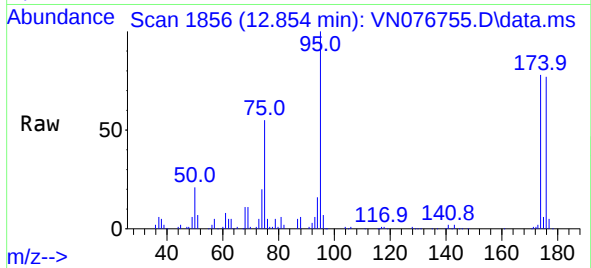




#81
trans-1,4-Dichloro-2-butene
Concen: 88.198 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

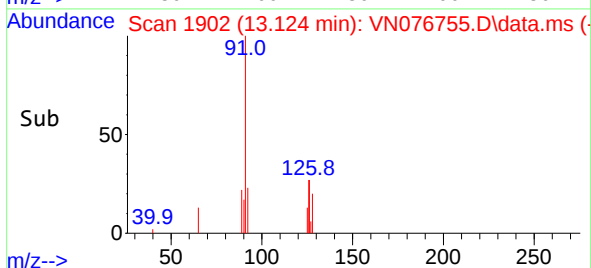
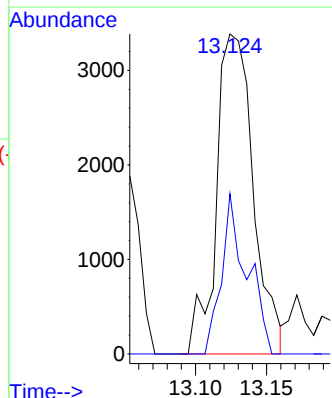
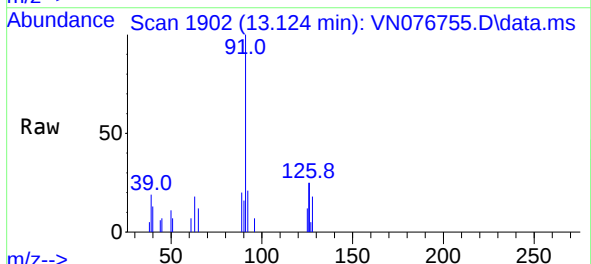
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

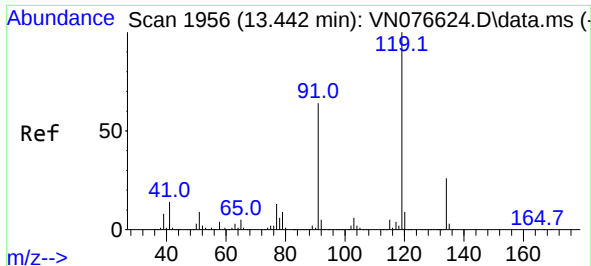
Tgt Ion: 75 Resp: 88650
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.1 37.5 56.3#



#82
4-Chlorotoluene
Concen: 0.804 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion: 91 Resp: 6132
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1

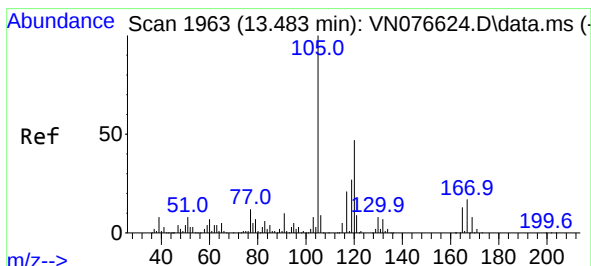
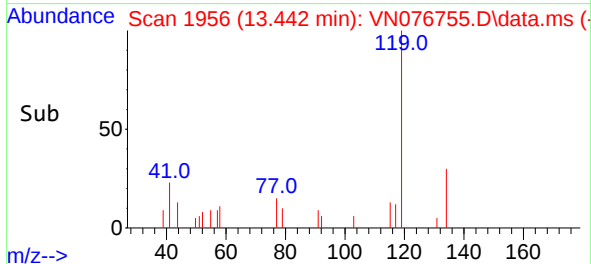
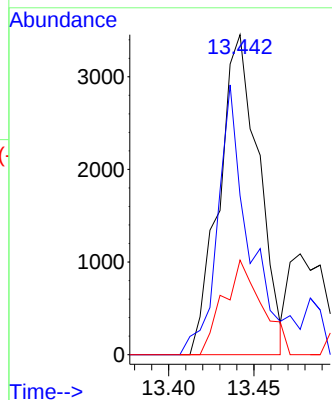
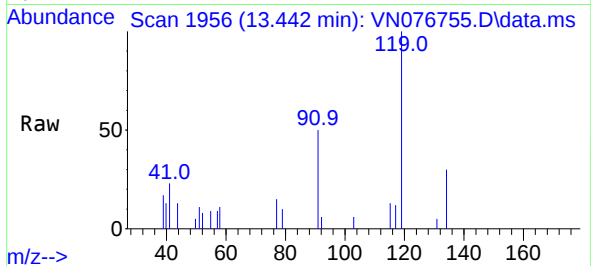




#83
tert-Butylbenzene
Concen: 0.703 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

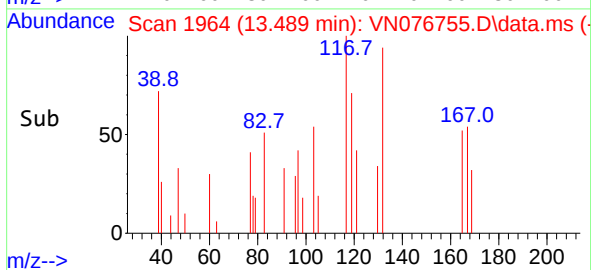
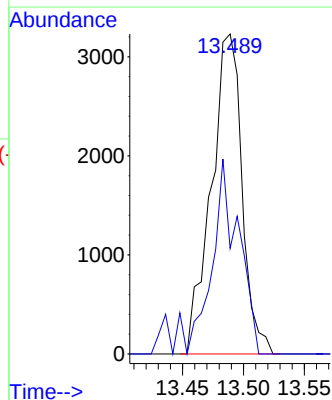
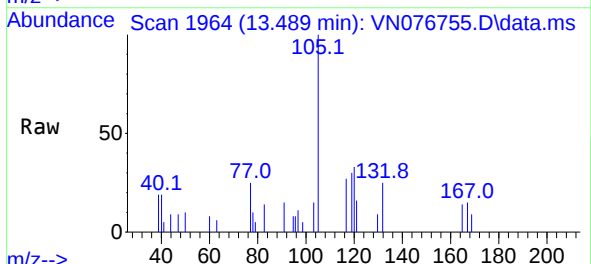
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

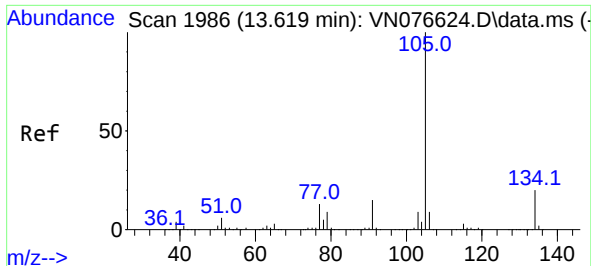
Tgt Ion:	119	Resp:	5575
Ion	Ratio	Lower	Upper
119	100		
91	69.8	32.0	96.2
134	28.8	13.8	41.4



#84
1,2,4-Trimethylbenzene
Concen: 0.650 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:	105	Resp:	5678
Ion	Ratio	Lower	Upper
105	100		
120	51.9	23.0	69.0

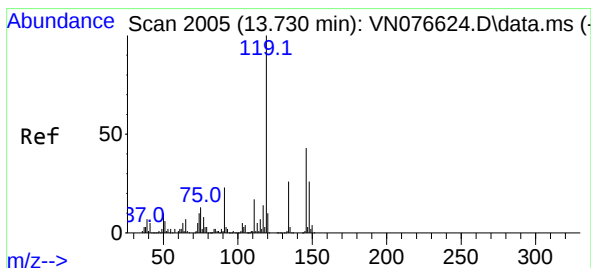
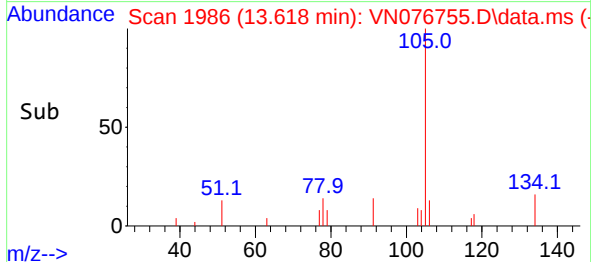
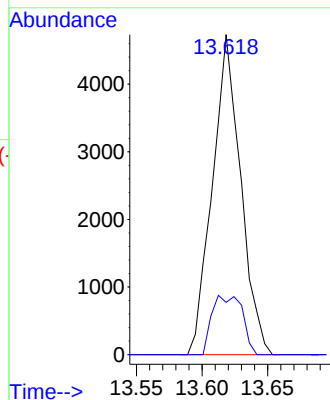
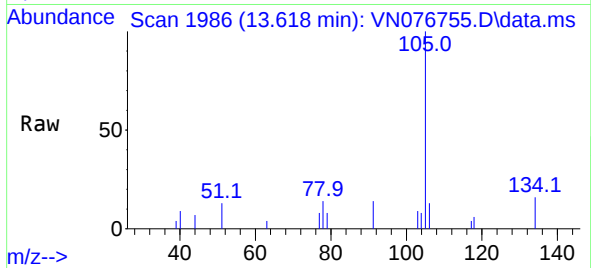




#85
 sec-Butylbenzene
 Concen: 0.641 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

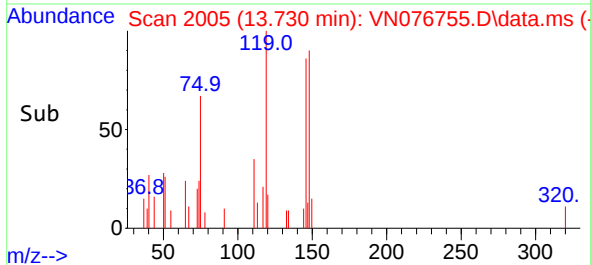
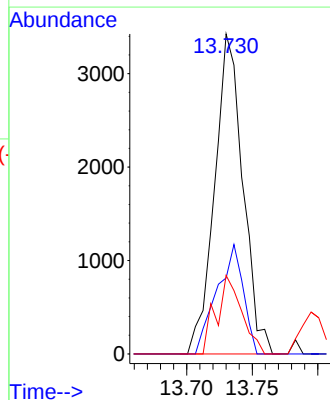
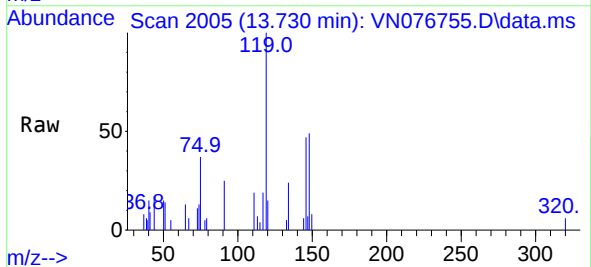
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

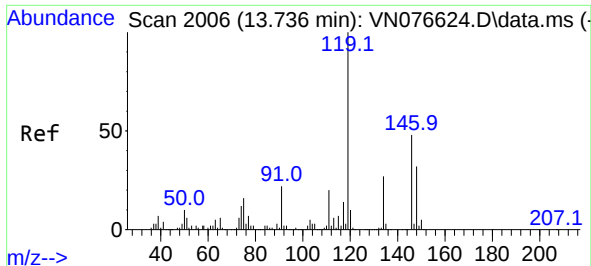
Tgt Ion:105 Resp: 7098
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.580 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076755.D
 Acq: 21 Feb 2023 17:13

Tgt Ion:119 Resp: 5132
 Ion Ratio Lower Upper
 119 100
 134 31.8 13.4 40.1
 91 22.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 0.752 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076755.D

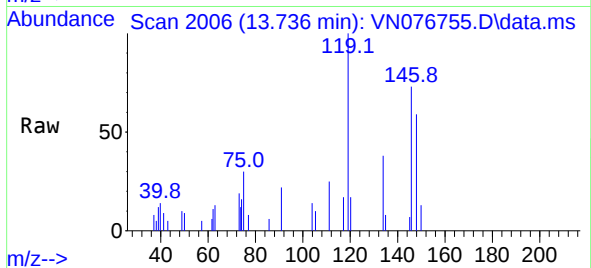
Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



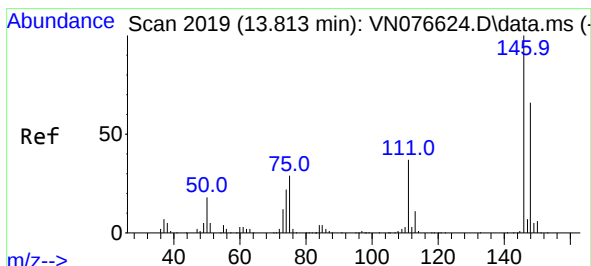
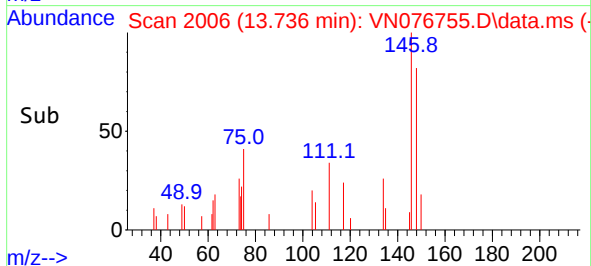
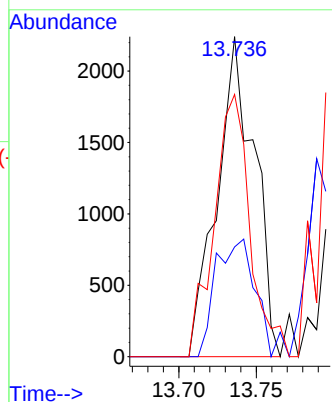
Tgt Ion:146 Resp: 3762

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 78.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.755 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.077 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

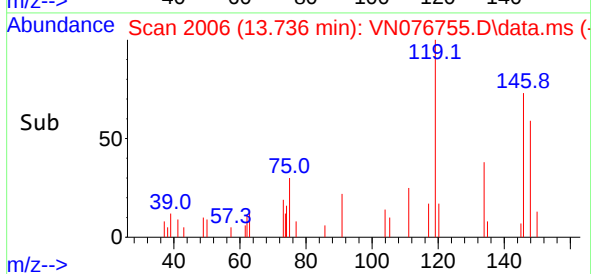
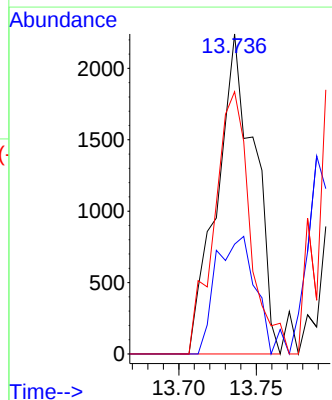
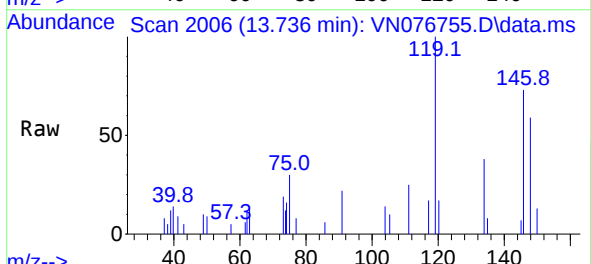
Tgt Ion:146 Resp: 3762

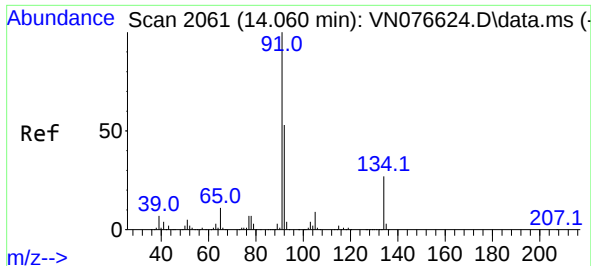
Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.1

148 78.5 32.7 98.1





#89

n-Butylbenzene

Concen: 0.631 ug/l

RT: 14.054 min Scan# 2060

Delta R.T. -0.006 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

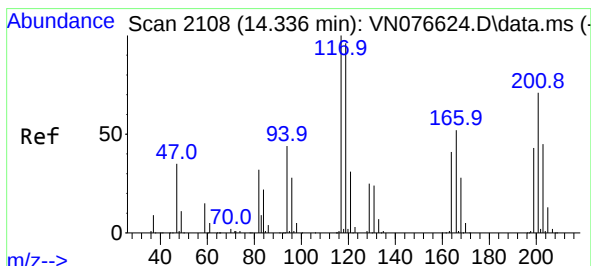
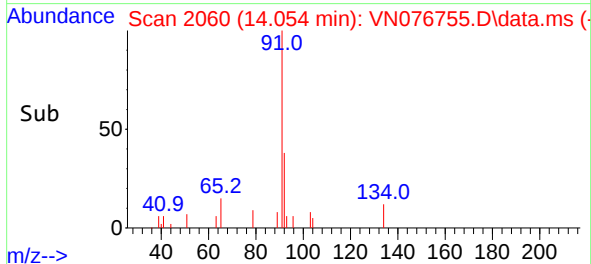
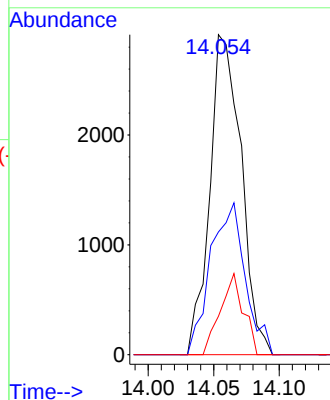
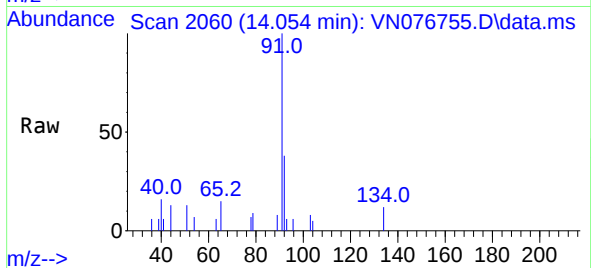
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91	Resp:	4858
Ion	Ratio	Lower Upper
91	100	
92	52.3	26.4 79.0
134	18.6	13.2 39.5



#90

Hexachloroethane

Concen: 0.996 ug/l

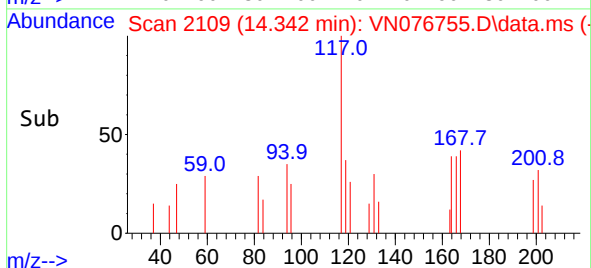
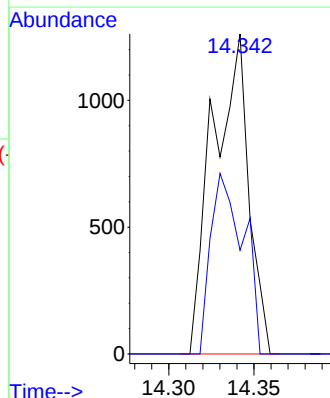
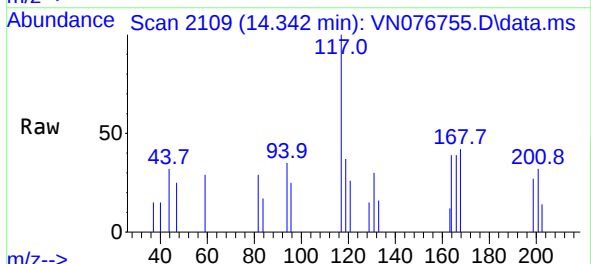
RT: 14.342 min Scan# 2109

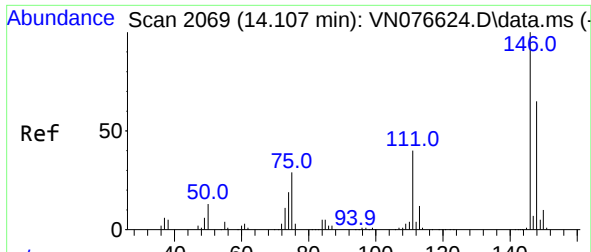
Delta R.T. 0.006 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Tgt Ion: 117	Resp:	1845
Ion	Ratio	Lower Upper
117	100	
201	51.8	35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 0.794 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076755.D

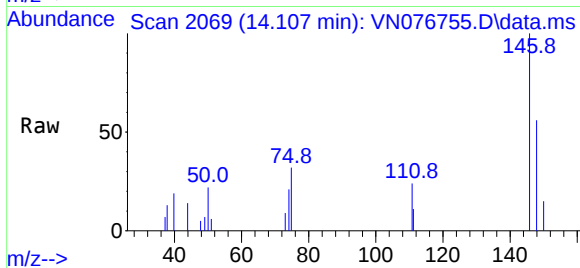
Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



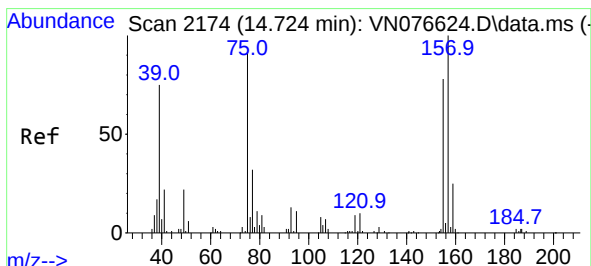
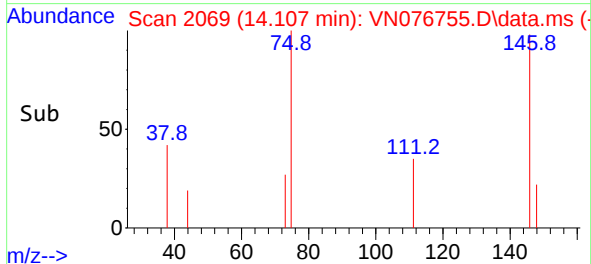
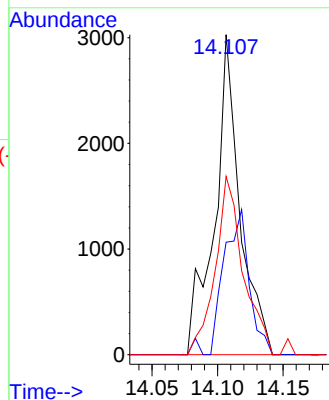
Tgt Ion:146 Resp: 4077

Ion Ratio Lower Upper

146 100

111 46.0 20.0 59.9

148 61.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.754 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

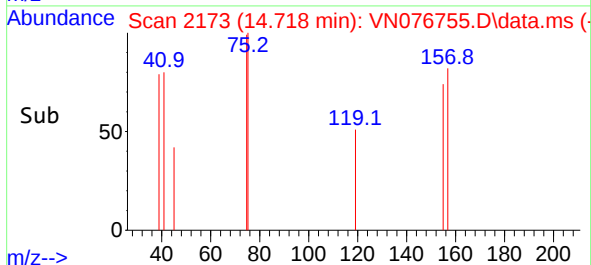
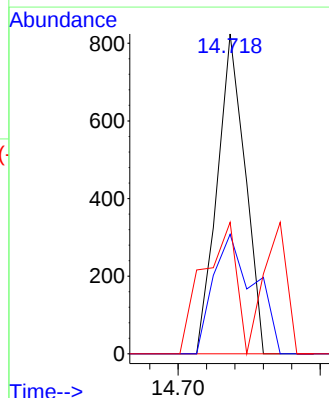
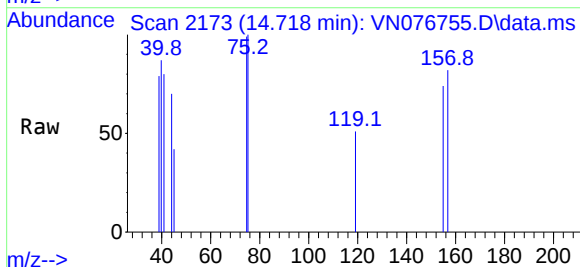
Tgt Ion: 75 Resp: 561

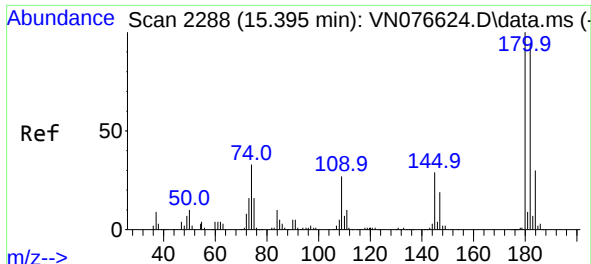
Ion Ratio Lower Upper

75 100

155 55.1 43.4 130.2

157 48.8 55.2 165.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.777 ug/l

RT: 15.377 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

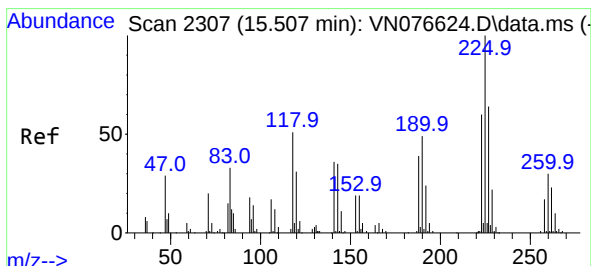
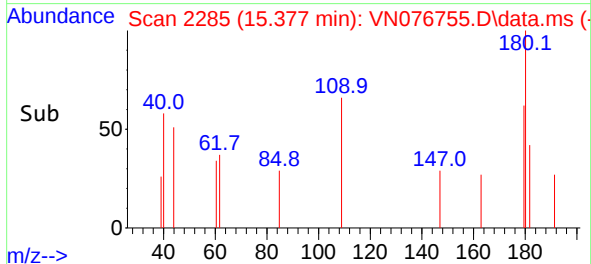
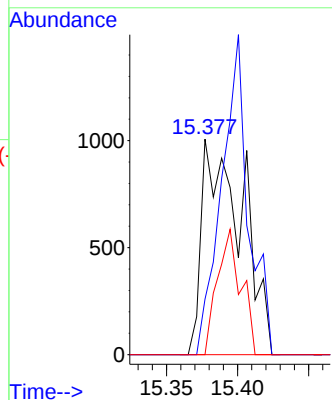
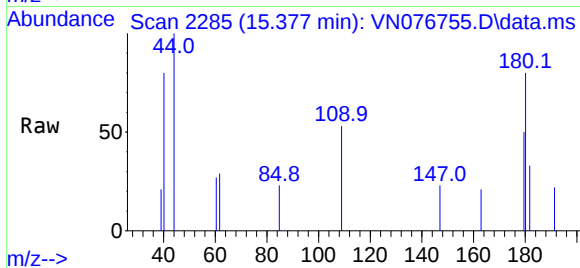
Tgt Ion:180 Resp: 1989

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.0#

145 0.0 15.2 45.6#



#94

Hexachlorobutadiene

Concen: 0.858 ug/l

RT: 15.495 min Scan# 2305

Delta R.T. -0.012 min

Lab File: VN076755.D

Acq: 21 Feb 2023 17:13

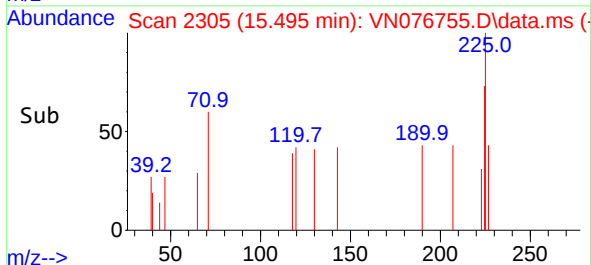
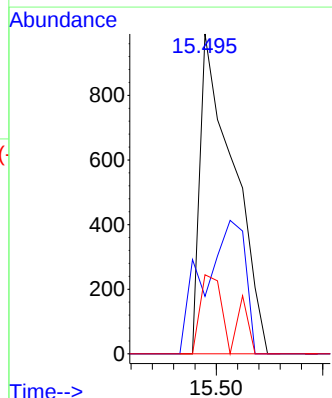
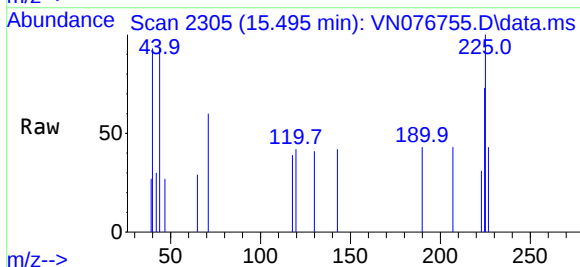
Tgt Ion:225 Resp: 1076

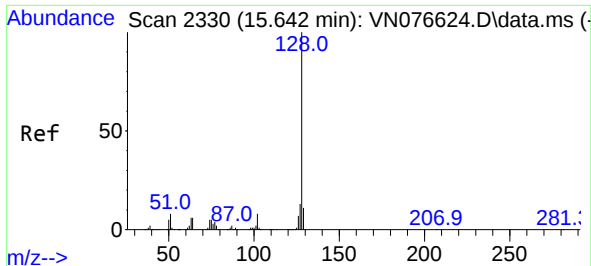
Ion Ratio Lower Upper

225 100

223 51.4 31.6 95.0

227 21.4 31.3 93.9#

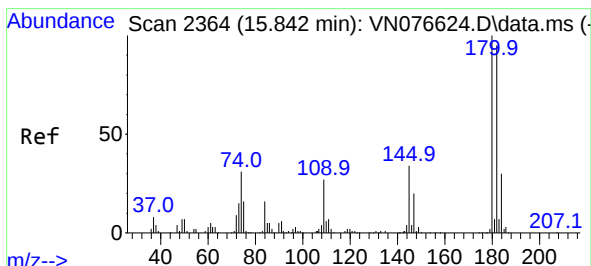
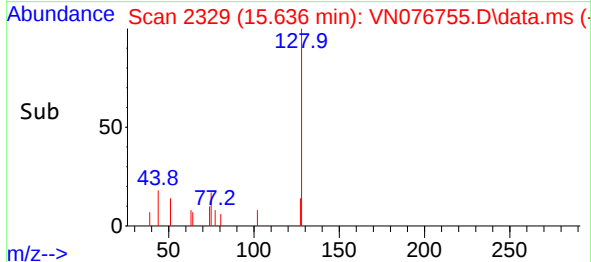
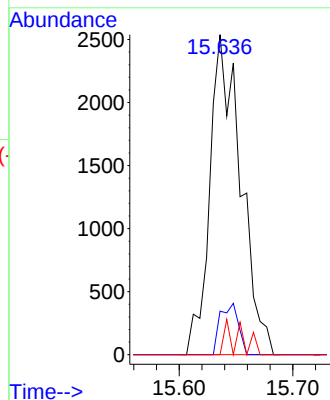
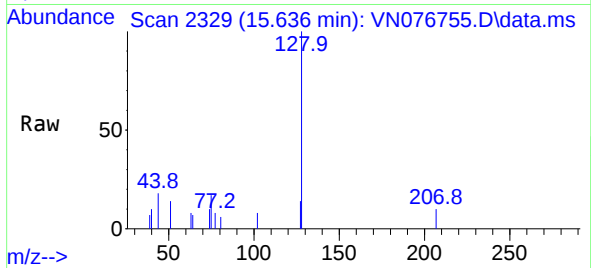




#95
Naphthalene
Concen: 0.618 ug/l
RT: 15.636 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	128	Resp:	4798
Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.6	16.0#
129	2.1	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.694 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076755.D
Acq: 21 Feb 2023 17:13

Tgt Ion:	180	Resp:	1722
Ion	Ratio	Lower	Upper
180	100		
182	86.8	46.7	140.1
145	29.0	16.0	47.9

