

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078469.D
 Acq On : 11 Jul 2023 18:16
 Operator : JC\MD
 Sample : 03572-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 12 02:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 12 02:45:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	440761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	774519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	667584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318391	53.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	8.171	113	279458	53.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.300%	
50) Toluene-d8	10.571	98	1014235	51.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.853	95	294908	48.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	29314	5.425	ug/l	89
3) Chloromethane	2.371	50	31792	5.413	ug/l	96
4) Vinyl Chloride	2.518	62	42167	5.550	ug/l	97
5) Bromomethane	2.942	94	29827	5.497	ug/l	96
6) Chloroethane	3.118	64	30830	6.003	ug/l #	86
7) Trichlorofluoromethane	3.495	101	48954	5.390	ug/l	94
8) Diethyl Ether	3.965	74	14297	4.725	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	25404	5.284	ug/l	98
10) Methyl Iodide	4.600	142	29846	4.517	ug/l	92
11) Tert butyl alcohol	5.547	59	25617	28.115	ug/l	100
12) 1,1-Dichloroethene	4.342	96	24329	5.231	ug/l	91
13) Acrolein	4.200	56	21114	23.553	ug/l	92
14) Allyl chloride	5.036	41	34810	5.478	ug/l	90
15) Acrylonitrile	5.747	53	57995	25.191	ug/l	97
16) Acetone	4.447	43	48017	26.087	ug/l	91
17) Carbon Disulfide	4.718	76	62654	4.659	ug/l	96
18) Methyl Acetate	5.047	43	40010	5.135	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	77170	5.036	ug/l	93
20) Methylene Chloride	5.283	84	33356	5.614	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	27711	5.287	ug/l	87
22) Diisopropyl ether	6.683	45	70792	4.975	ug/l #	92
23) Vinyl Acetate	6.618	43	214729	23.736	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	47081	4.910	ug/l	96
25) 2-Butanone	7.494	43	76569	26.427	ug/l #	82
26) 2,2-Dichloropropane	7.506	77	37332	4.760	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	30120	4.968	ug/l	94
28) Bromochloromethane	7.824	49	23430	5.188	ug/l	94
29) Tetrahydrofuran	7.859	42	48872	25.706	ug/l #	84
30) Chloroform	7.977	83	52796	5.289	ug/l	92
31) Cyclohexane	8.259	56	43483	5.445	ug/l	88
32) 1,1,1-Trichloroethane	8.183	97	46640	5.211	ug/l #	50
36) 1,1-Dichloropropene	8.383	75	35136	4.628	ug/l	99
37) Ethyl Acetate	7.577	43	31424	4.965	ug/l	95
38) Carbon Tetrachloride	8.377	117	41286	5.004	ug/l	90
39) Methylcyclohexane	9.612	83	30627	4.420	ug/l #	89
40) Benzene	8.618	78	112692	5.011	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16550	5.130	ug/l	97
42) 1,2-Dichloroethane	8.682	62	38711	5.060	ug/l	95
43) Isopropyl Acetate	8.694	43	54994	5.278	ug/l #	95
44) Trichloroethene	9.365	130	28667	4.729	ug/l	93
45) 1,2-Dichloropropane	9.629	63	28190	4.949	ug/l	97
46) Dibromomethane	9.718	93	20356	5.077	ug/l	88
47) Bromodichloromethane	9.894	83	41024	5.105	ug/l	91
48) Methyl methacrylate	9.694	41	22339	4.628	ug/l	90
49) 1,4-Dioxane	9.706	88	11196	106.356	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	158762	25.618	ug/l	92
52) Toluene	10.635	92	71705	5.144	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	38129	4.631	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	43672	4.976	ug/l #	92
55) 1,1,2-Trichloroethane	11.024	97	27462	5.000	ug/l #	84
56) Ethyl methacrylate	10.882	69	34139	4.447	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	47755	5.114	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	58607	21.421	ug/l	98
59) 2-Hexanone	11.200	43	105049	23.850	ug/l	89
60) Dibromochloromethane	11.365	129	29307	4.834	ug/l	98
61) 1,2-Dibromoethane	11.471	107	28409	5.021	ug/l	93
64) Tetrachloroethene	11.112	164	25989	5.178	ug/l	94
65) Chlorobenzene	11.894	112	71229	4.773	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.965	131	27174	4.734	ug/l	99
67) Ethyl Benzene	11.970	91	116468	4.617	ug/l	96
68) m/p-Xylenes	12.076	106	85489	9.167	ug/l	98
69) o-Xylene	12.406	106	43143	4.580	ug/l	96
70) Styrene	12.418	104	62007	4.208	ug/l	97
71) Bromoform	12.582	173	18096	4.655	ug/l #	96
73) Isopropylbenzene	12.700	105	102996	5.334	ug/l	100
74) N-amyl acetate	12.500	43	33697	5.063	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	38393	5.888	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	33001m	6.643	ug/l	
77) Bromobenzene	12.982	156	25124	5.297	ug/l	98
78) n-propylbenzene	13.041	91	109911	5.322	ug/l	99
79) 2-Chlorotoluene	13.135	91	73552	5.437	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	83604	5.479	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	10307	5.452	ug/l	95
82) 4-Chlorotoluene	13.229	91	63216	5.009	ug/l	93
83) tert-Butylbenzene	13.447	119	72770	5.617	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	74736	5.043	ug/l	98
85) sec-Butylbenzene	13.623	105	85901	5.246	ug/l	99
86) p-Isopropyltoluene	13.735	119	67218	5.112	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	36548	4.930	ug/l	95
88) 1,4-Dichlorobenzene	13.823	146	34985	4.685	ug/l	93
89) n-Butylbenzene	14.064	91	44832	4.766	ug/l	99
90) Hexachloroethane	14.341	117	15300	5.506	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	35264	4.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5427	5.048	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	6815	2.894	ug/l	92
94) Hexachlorobutadiene	15.500	225	6669	4.328	ug/l	90
95) Naphthalene	15.647	128	22404	2.783	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	8745	3.230	ug/l	88

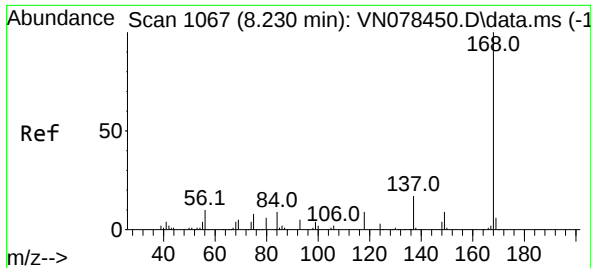
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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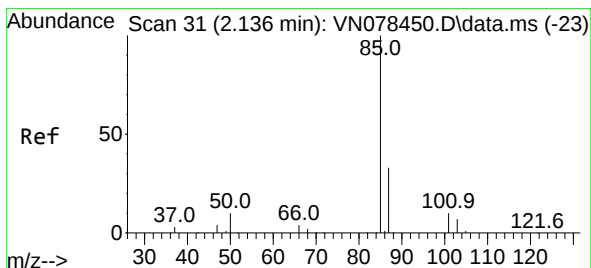
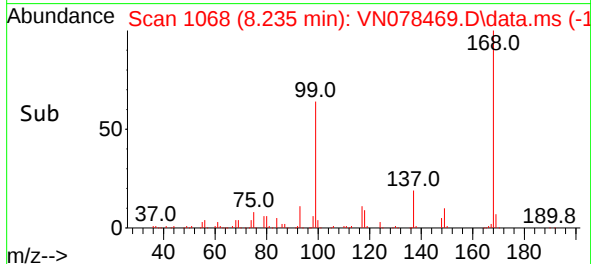
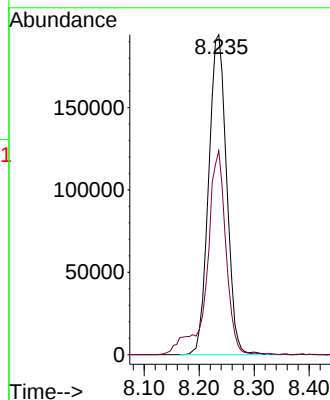
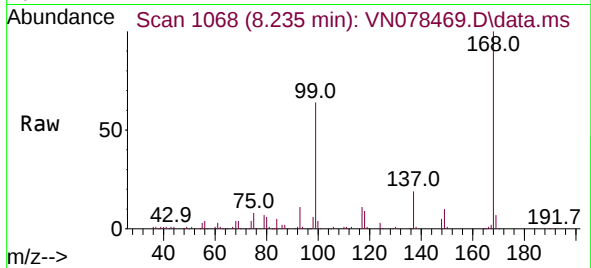
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. 0.005 min
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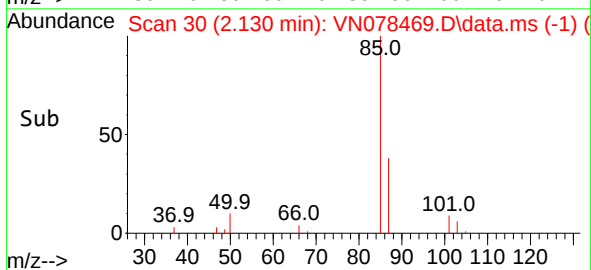
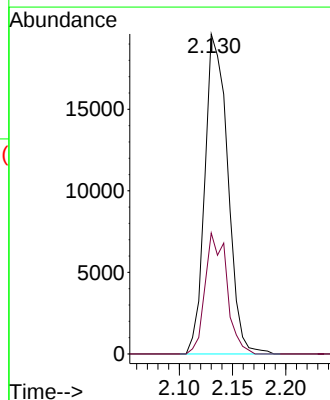
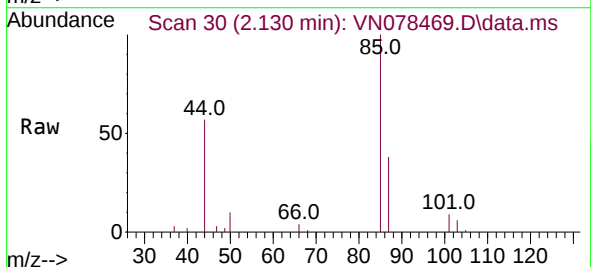
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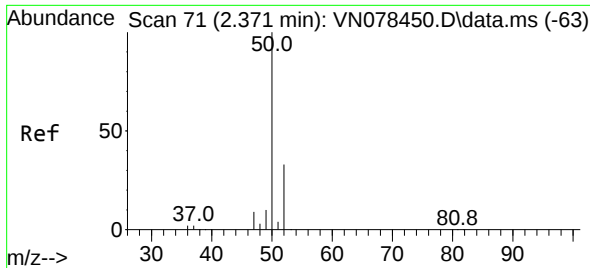
Tgt Ion:168 Resp: 440761
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 5.425 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 85 Resp: 29314
Ion Ratio Lower Upper
85 100
87 37.8 15.8 47.4

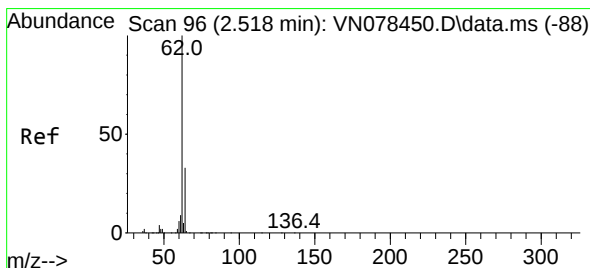
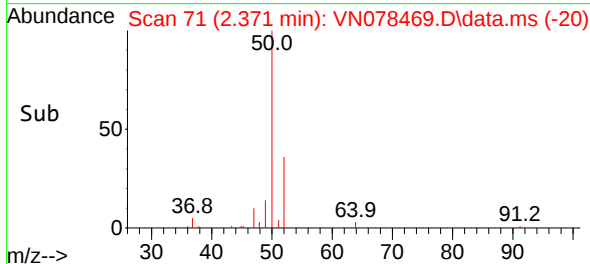
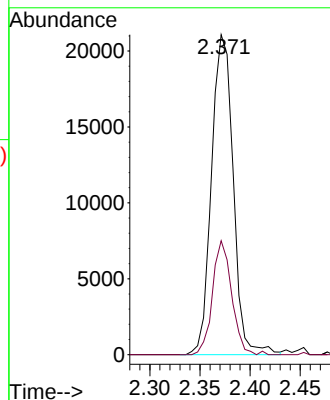
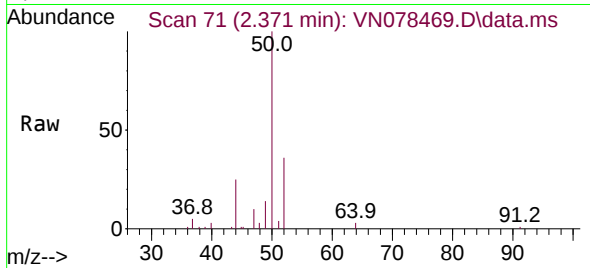




#3
Chloromethane
Concen: 5.413 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

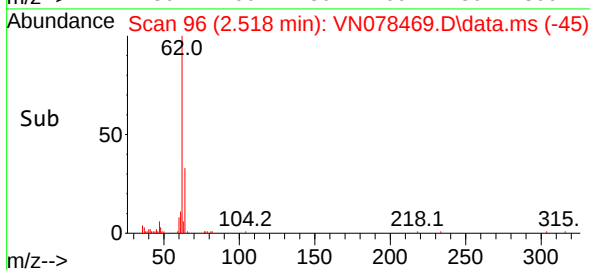
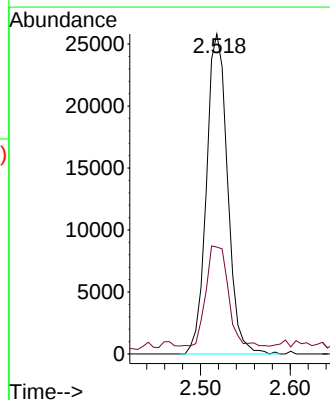
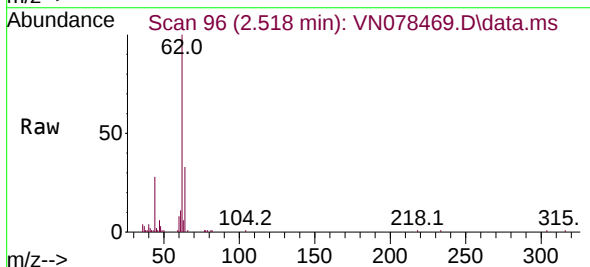
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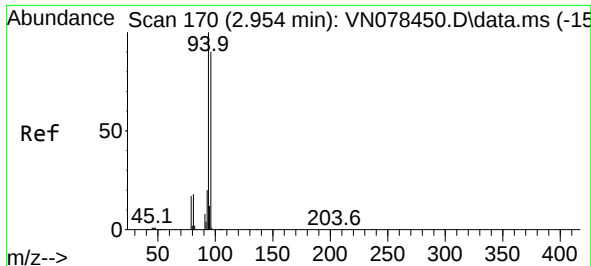
Tgt Ion: 50 Resp: 31792
Ion Ratio Lower Upper
50 100
52 35.6 26.5 39.7



#4
Vinyl Chloride
Concen: 5.550 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 62 Resp: 42167
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2

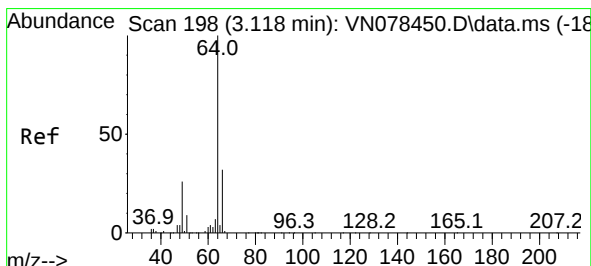
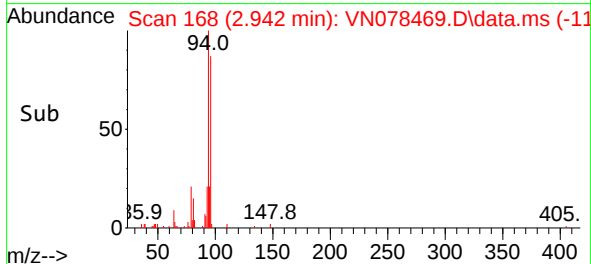
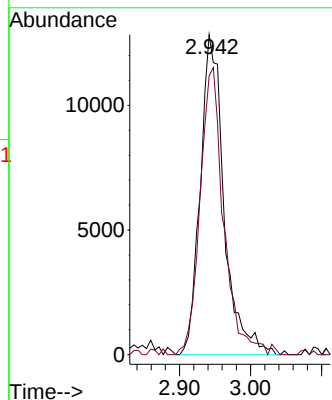
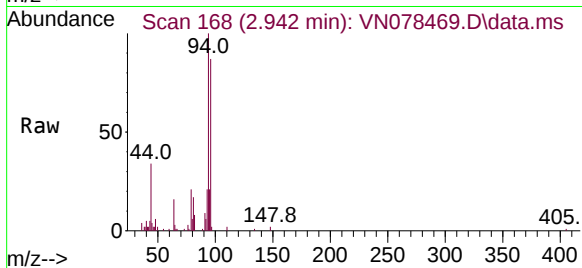




#5
Bromomethane
Concen: 5.497 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

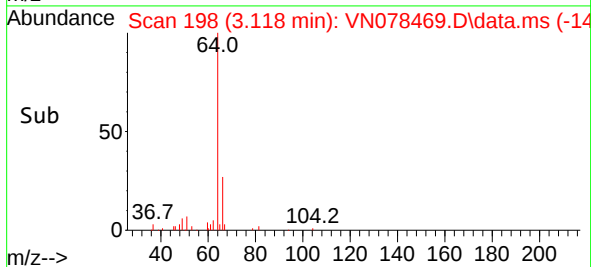
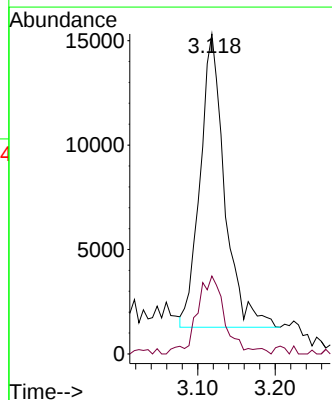
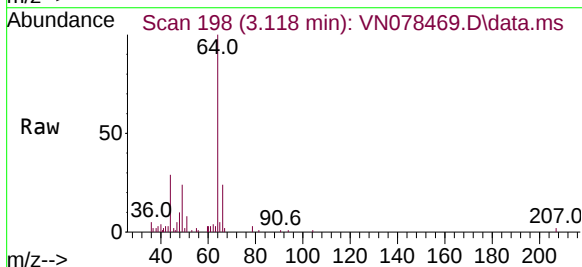
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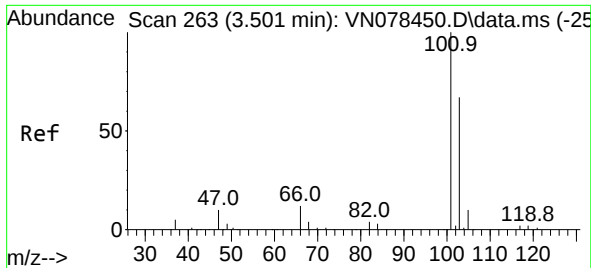
Tgt Ion: 94 Resp: 29827
Ion Ratio Lower Upper
94 100
96 87.1 73.1 109.7



#6
Chloroethane
Concen: 6.003 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 64 Resp: 30830
Ion Ratio Lower Upper
64 100
66 23.9 25.4 38.2#

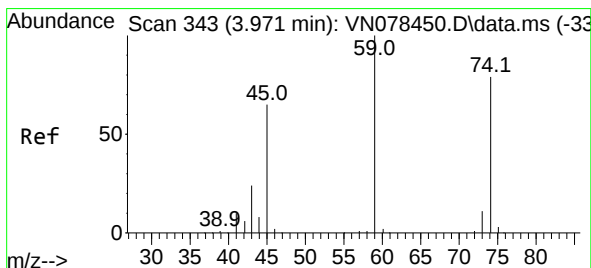
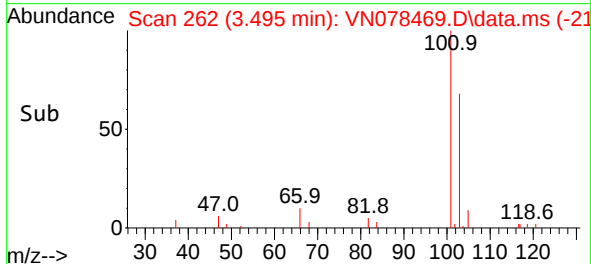
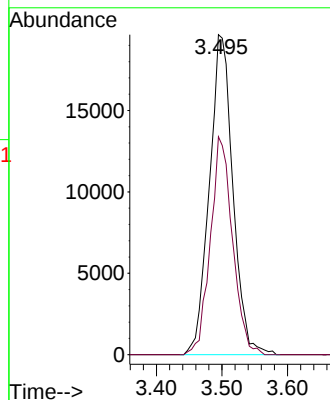
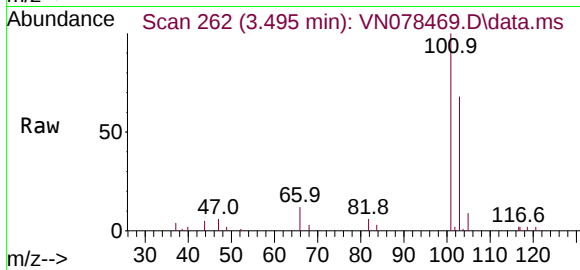




#7
Trichlorofluoromethane
Concen: 5.390 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

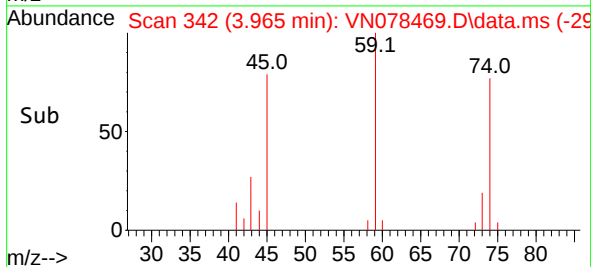
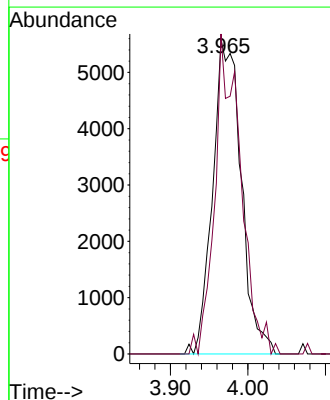
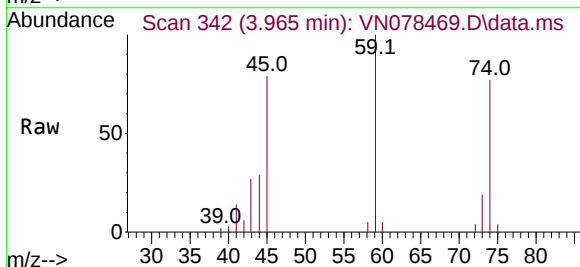
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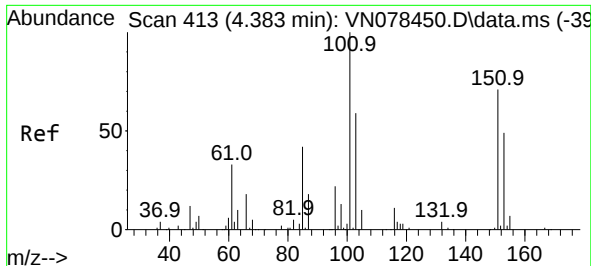
Tgt Ion:101 Resp: 48954
Ion Ratio Lower Upper
101 100
103 68.1 50.7 76.1



#8
Diethyl Ether
Concen: 4.725 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 74 Resp: 14297
Ion Ratio Lower Upper
74 100
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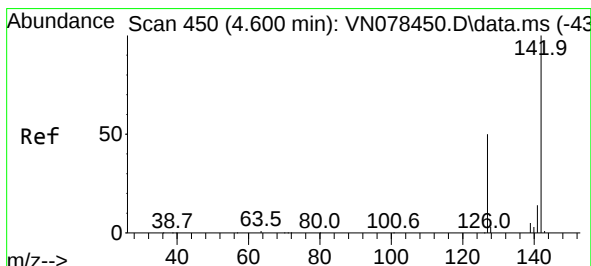
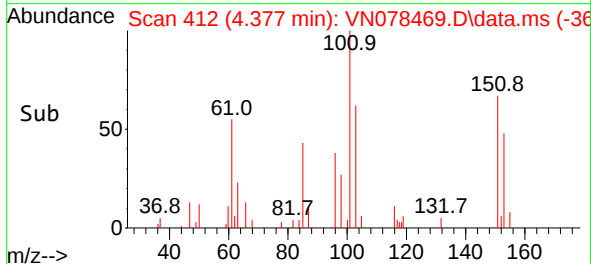
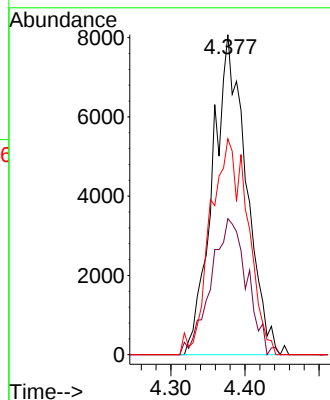
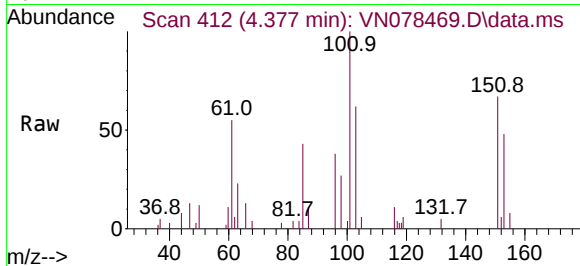




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.284 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078469.D
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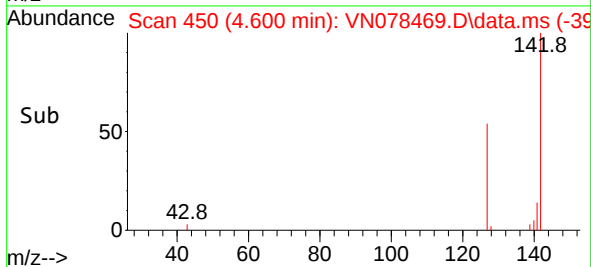
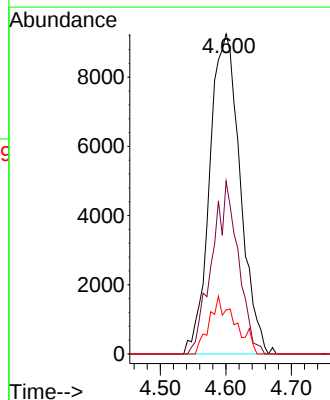
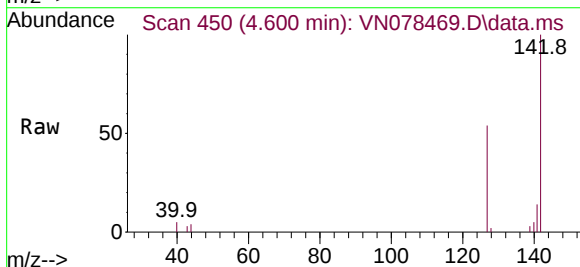
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

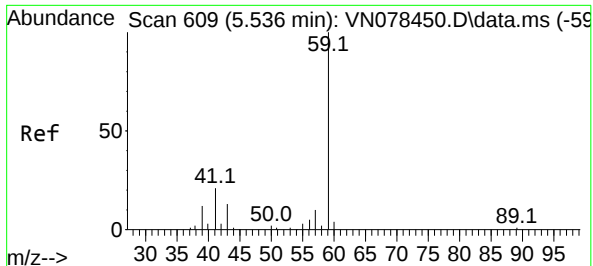
Tgt Ion:101 Resp: 25404
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 75.1 57.6 86.4



#10
Methyl Iodide
Concen: 4.517 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:142 Resp: 29846
Ion Ratio Lower Upper
142 100
127 54.0 37.6 56.4
141 13.7 11.4 17.0

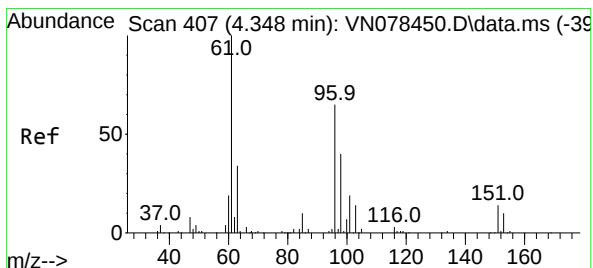
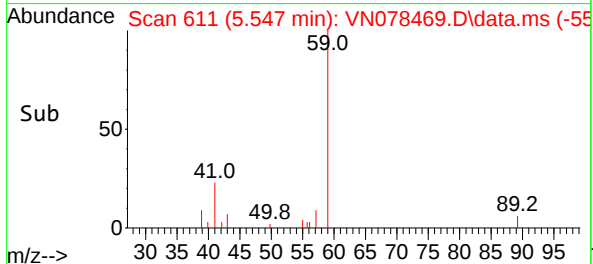
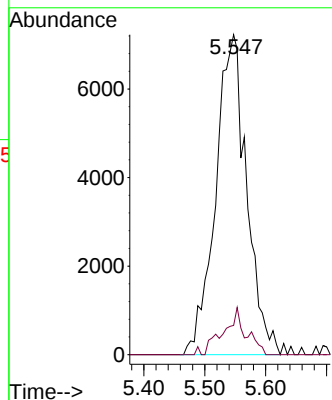
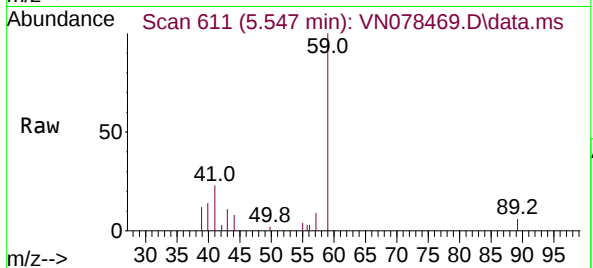




#11
Tert butyl alcohol
Concen: 28.115 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

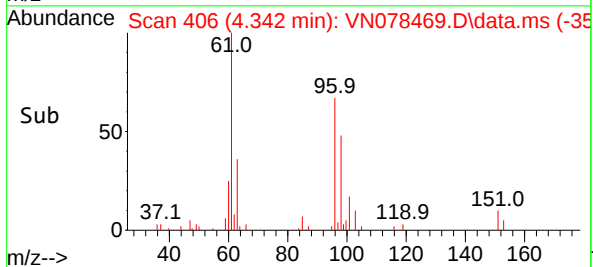
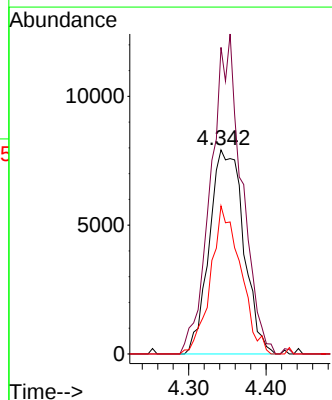
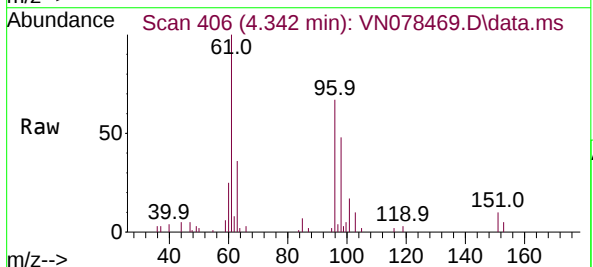
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

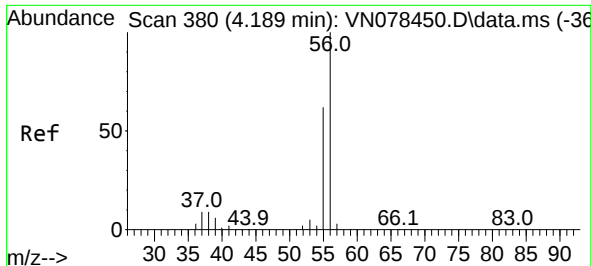
Tgt Ion: 59 Resp: 25617
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 5.231 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 96 Resp: 24329
Ion Ratio Lower Upper
96 100
61 150.3 112.7 169.1
98 72.6 51.2 76.8





#13

Acrolein

Concen: 23.553 ug/l

RT: 4.200 min Scan# 380

Delta R.T. 0.011 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

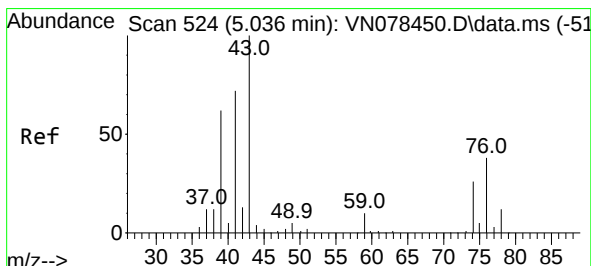
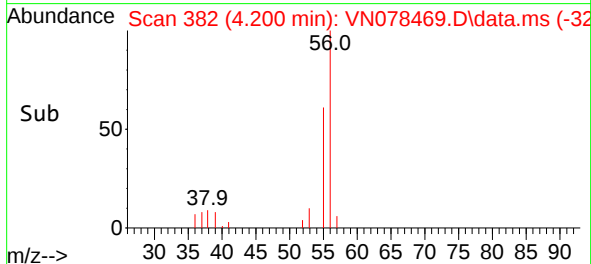
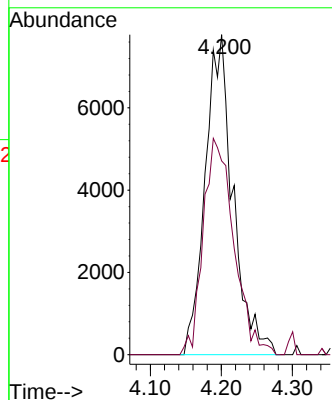
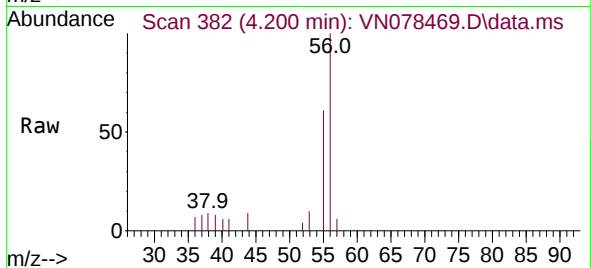
LOQ-WATER-02-QT3-2023

Tgt Ion: 56 Resp: 21114

Ion Ratio Lower Upper

56 100

55 74.6 54.5 81.7



#14

Allyl chloride

Concen: 5.478 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

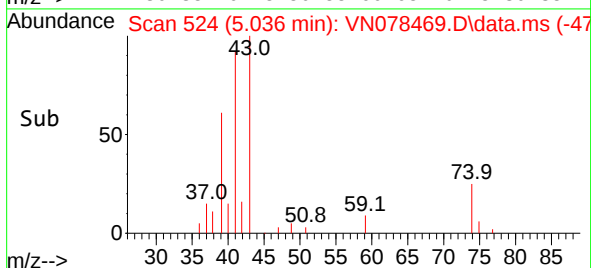
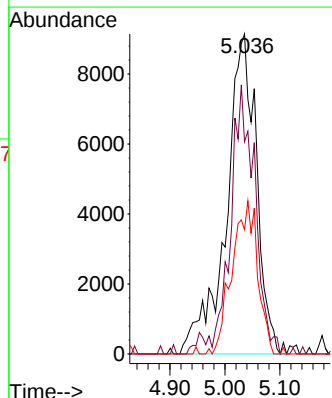
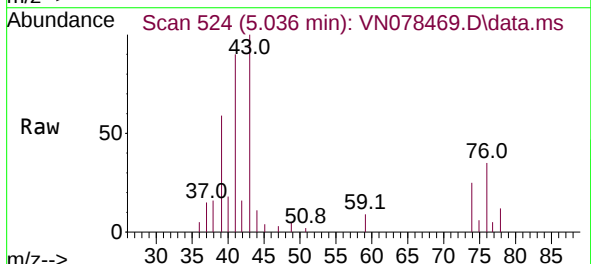
Tgt Ion: 41 Resp: 34810

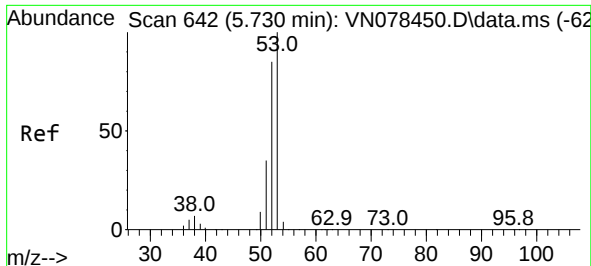
Ion Ratio Lower Upper

41 100

39 66.3 58.8 88.2

76 40.4 39.1 58.7

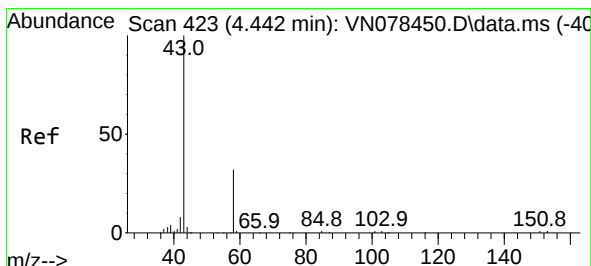
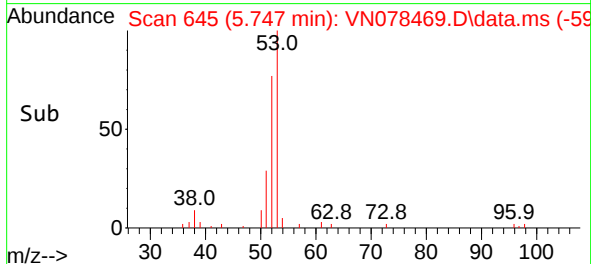
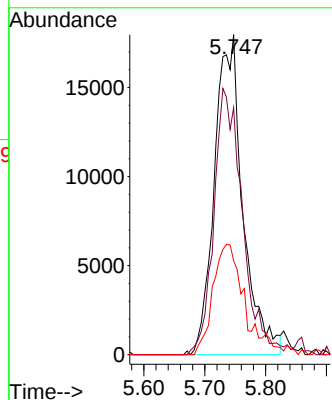
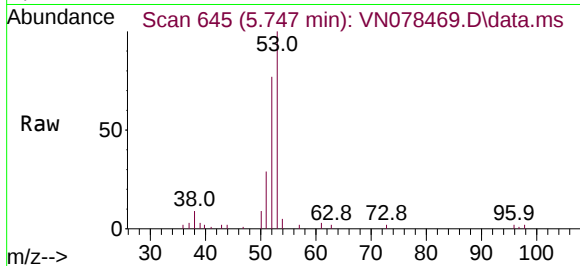




#15
Acrylonitrile
Concen: 25.191 ug/l
RT: 5.747 min Scan# 64
Delta R.T. 0.017 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

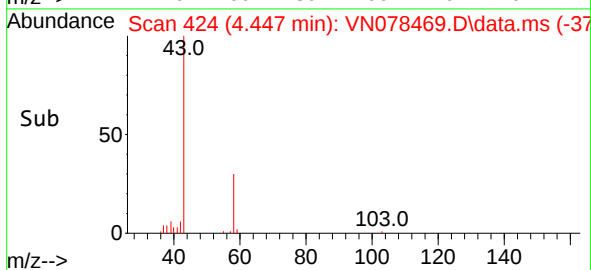
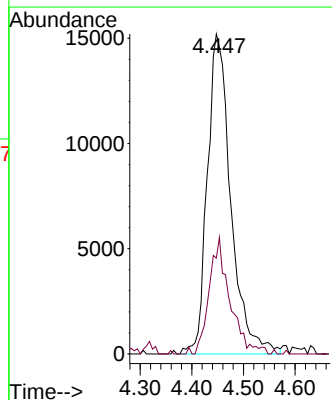
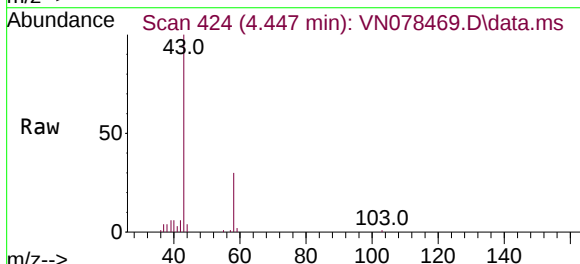
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

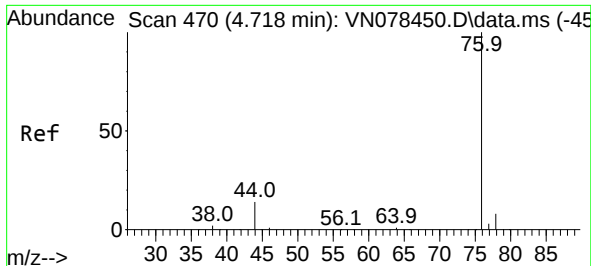
Tgt Ion:	53	Resp:	57995
Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.3	97.9
51	38.4	28.9	43.3



#16
Acetone
Concen: 26.087 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:	43	Resp:	48017
Ion	Ratio	Lower	Upper
43	100		
58	30.0	28.0	42.0

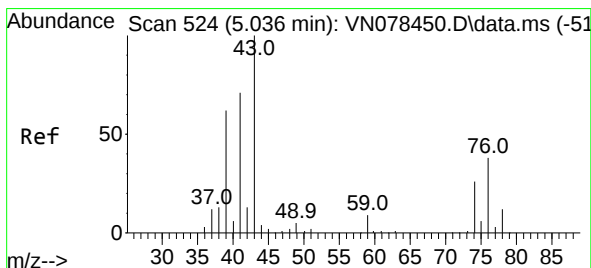
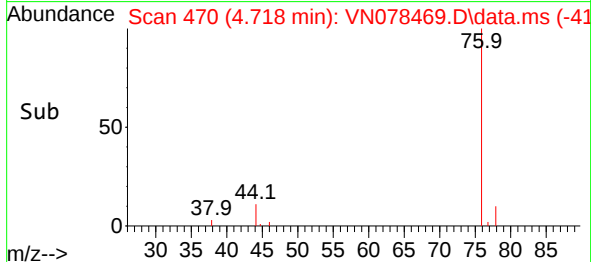
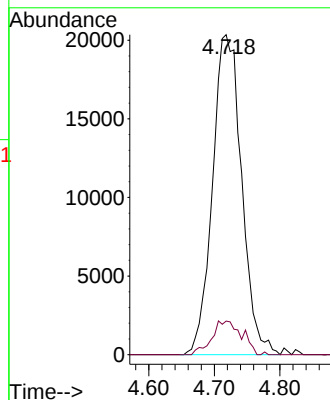
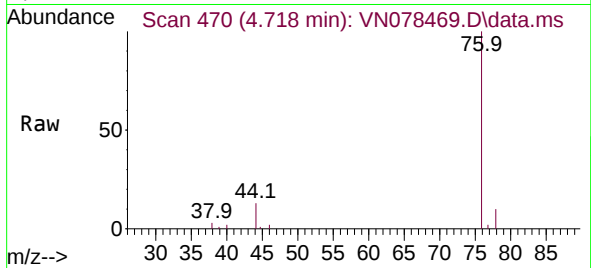




#17
Carbon Disulfide
Concen: 4.659 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

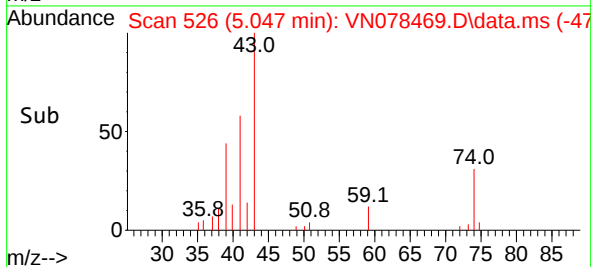
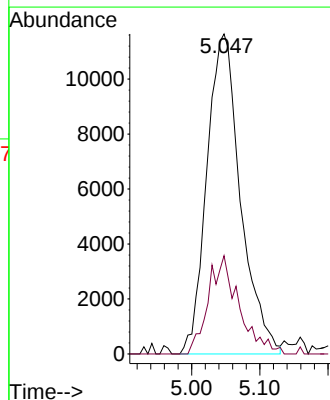
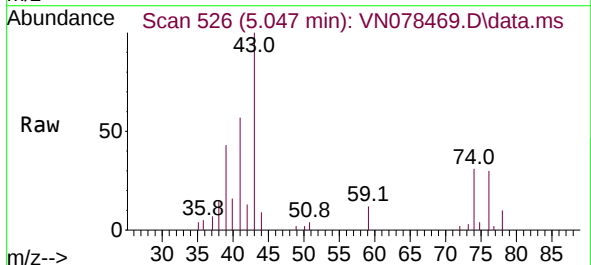
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

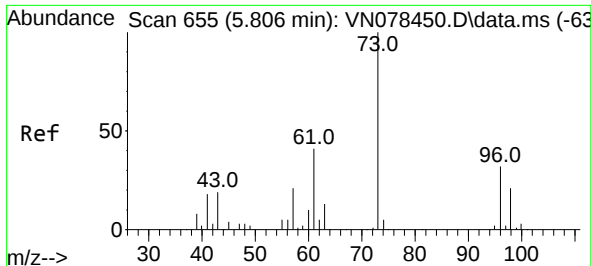
Tgt Ion: 76 Resp: 62654
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 5.135 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 43 Resp: 40010
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4

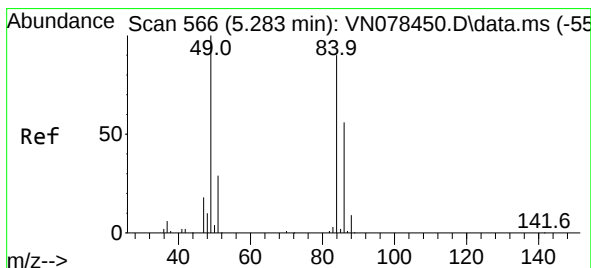
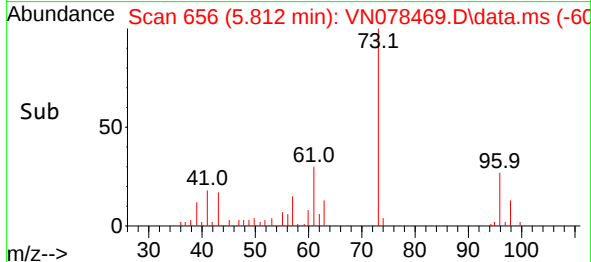
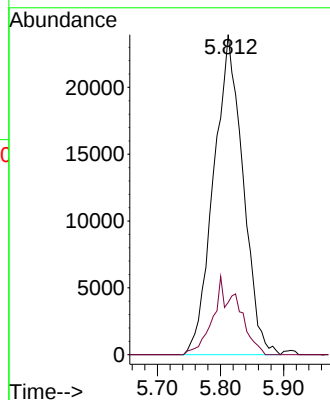
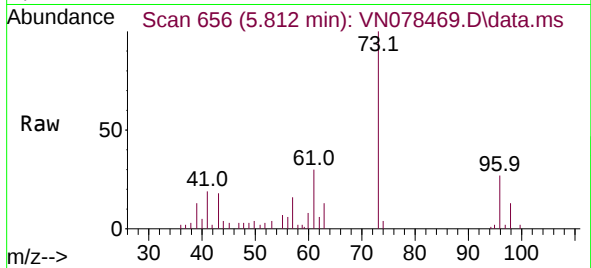




#19
Methyl tert-butyl Ether
Concen: 5.036 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

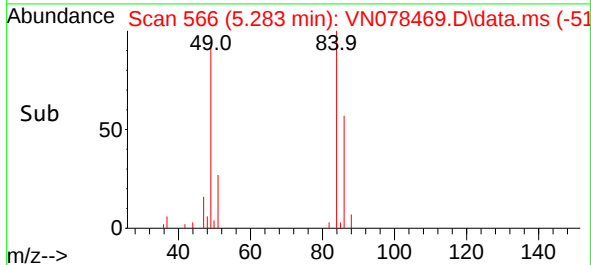
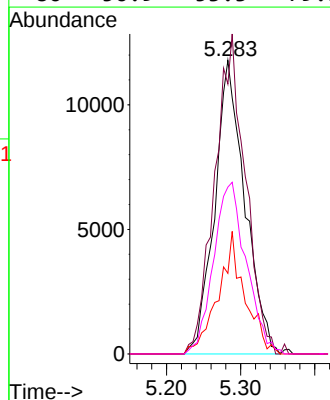
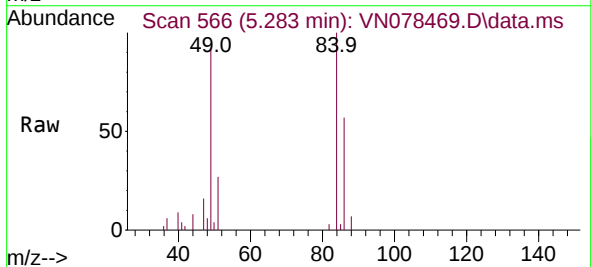
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

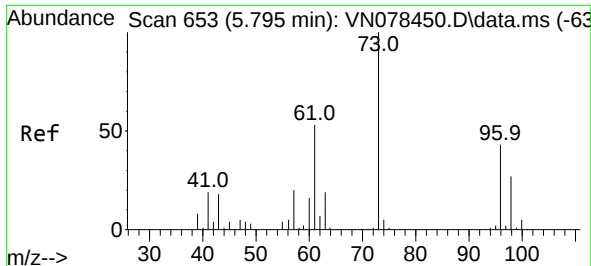
Tgt Ion: 73 Resp: 77170
Ion Ratio Lower Upper
73 100
57 16.3 15.6 23.4



#20
Methylene Chloride
Concen: 5.614 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 84 Resp: 33356
Ion Ratio Lower Upper
84 100
49 92.0 79.7 119.5
51 27.5 25.2 37.8
86 56.9 53.3 79.9

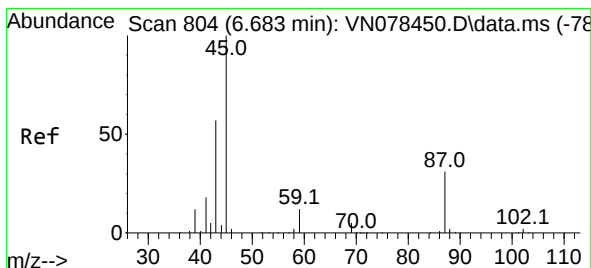
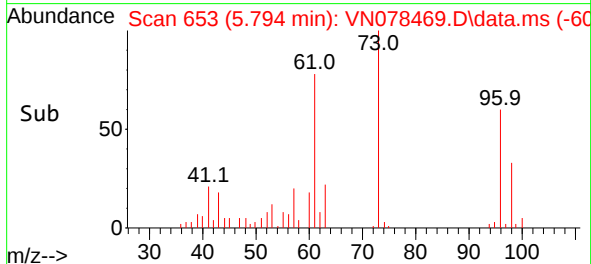
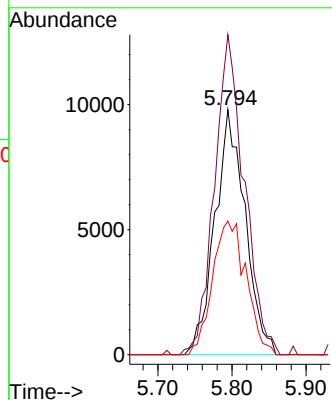
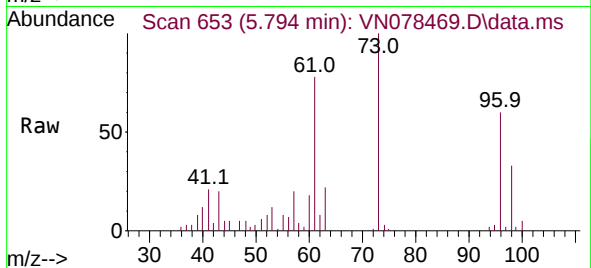




#21
trans-1,2-Dichloroethene
Concen: 5.287 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

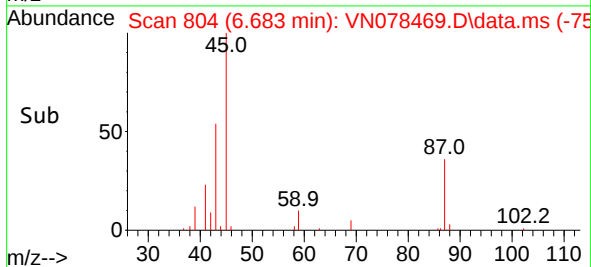
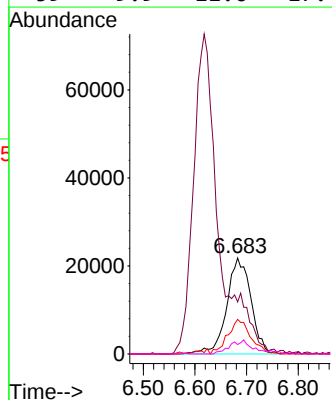
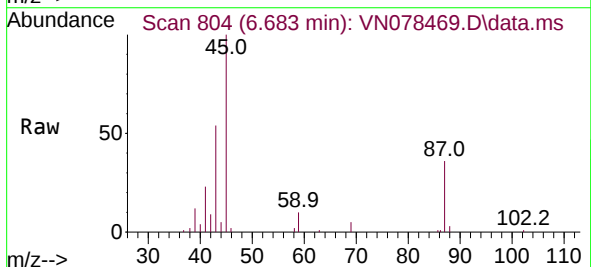
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

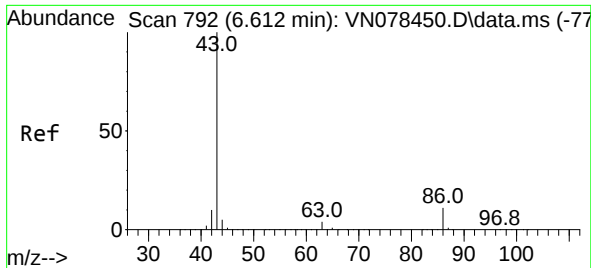
Tgt Ion: 96 Resp: 27711
Ion Ratio Lower Upper
96 100
61 130.6 90.1 135.1
98 54.5 46.4 69.6



#22
Diisopropyl ether
Concen: 4.975 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 45 Resp: 70792
Ion Ratio Lower Upper
45 100
43 50.5 45.5 68.3
87 35.9 31.8 47.8
59 9.9 11.6 17.4#

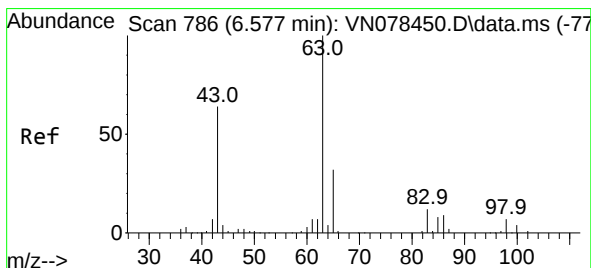
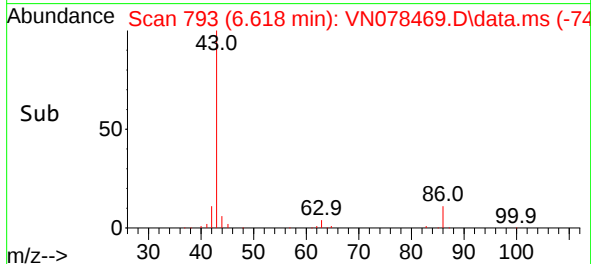
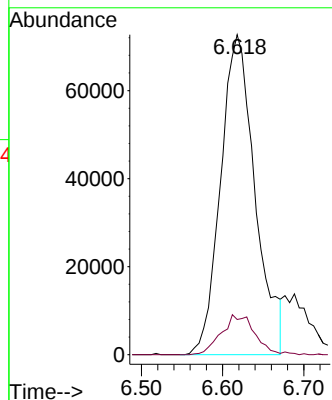
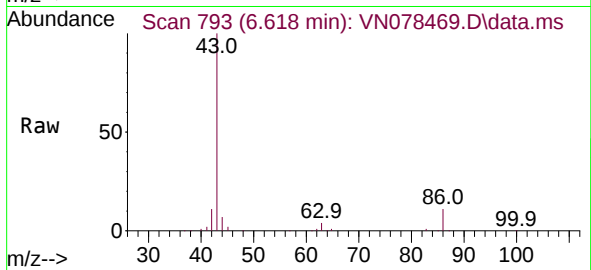




#23
 Vinyl Acetate
 Concen: 23.736 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

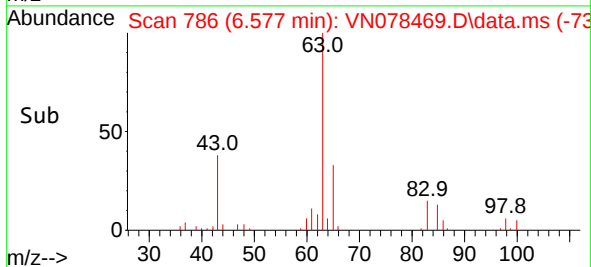
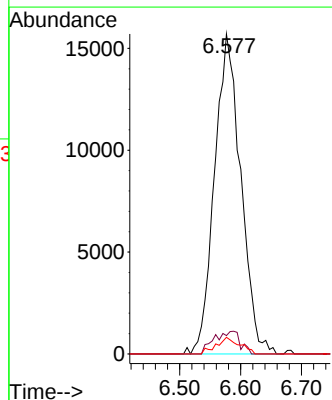
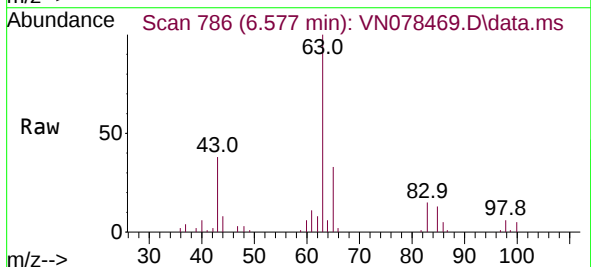
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

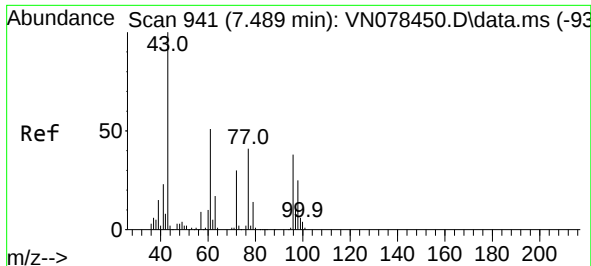
Tgt Ion: 43 Resp: 214729
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 4.910 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

Tgt Ion: 63 Resp: 47081
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 5.2 2.5 7.4

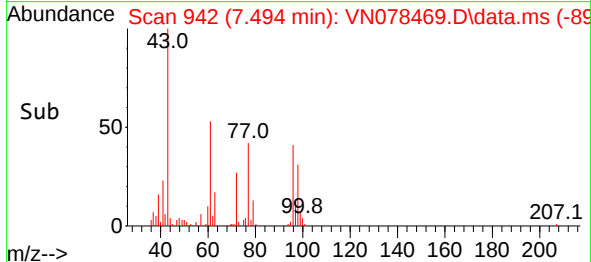
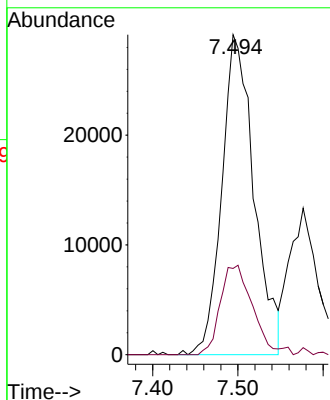
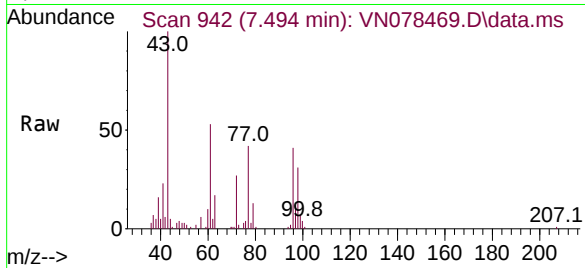




#25
2-Butanone
Concen: 26.427 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

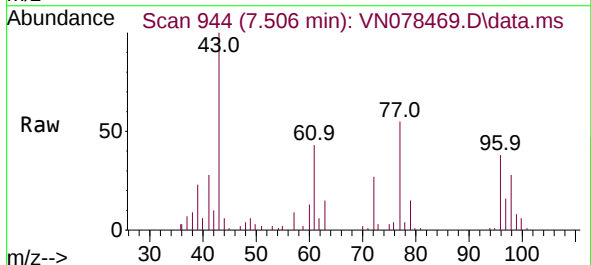
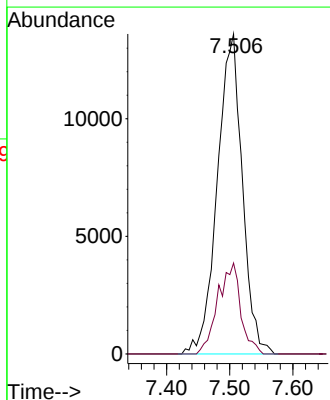
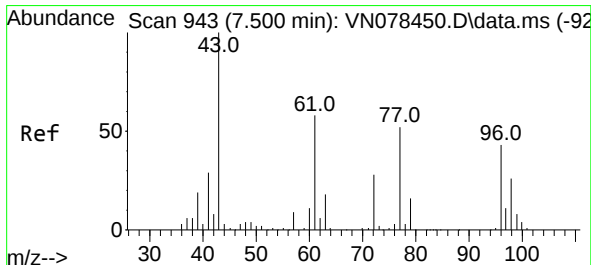
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

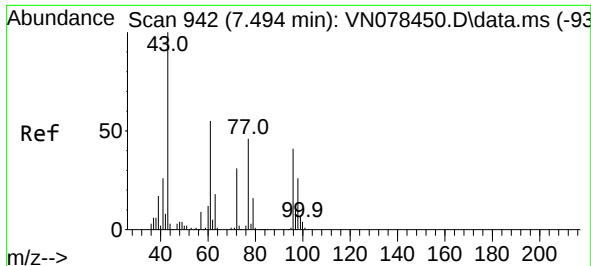
Tgt Ion: 43 Resp: 76569
Ion Ratio Lower Upper
43 100
72 26.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 4.760 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 77 Resp: 37332
Ion Ratio Lower Upper
77 100
97 26.0 11.2 33.6

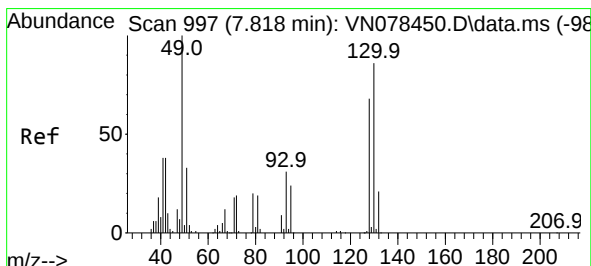
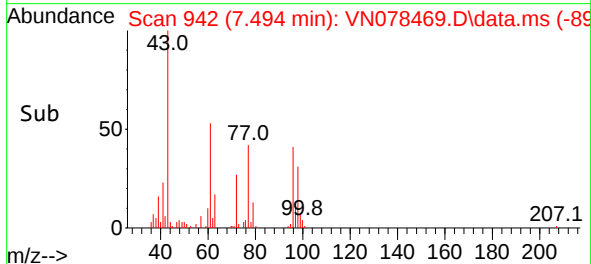
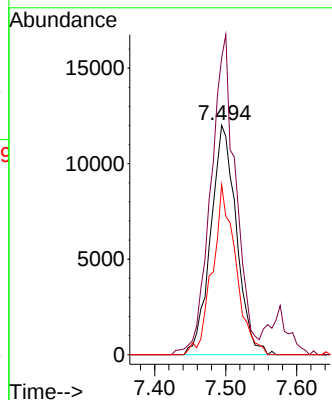
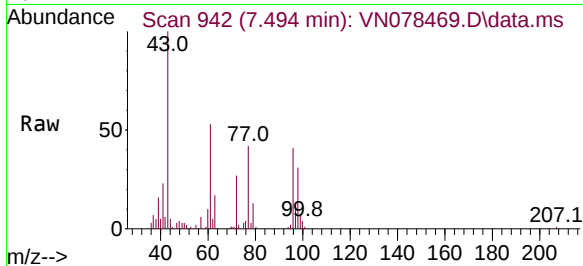




#27
 cis-1,2-Dichloroethene
 Concen: 4.968 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

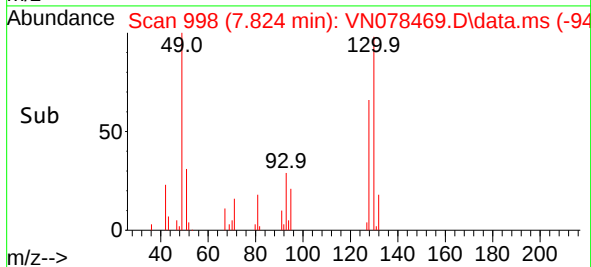
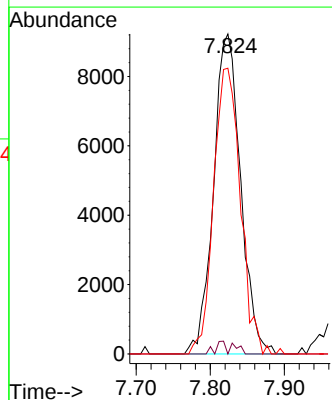
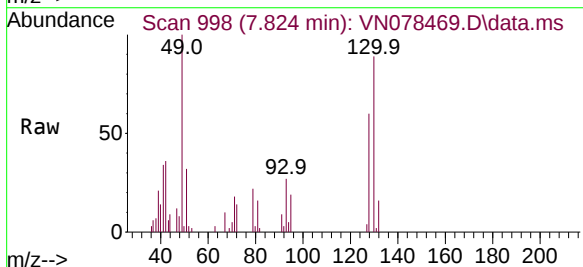
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

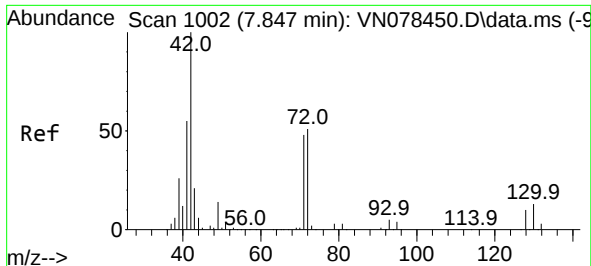
Tgt Ion: 96 Resp: 30120
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 255.2
 98 67.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 5.188 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

Tgt Ion: 49 Resp: 23430
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 88.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 25.706 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

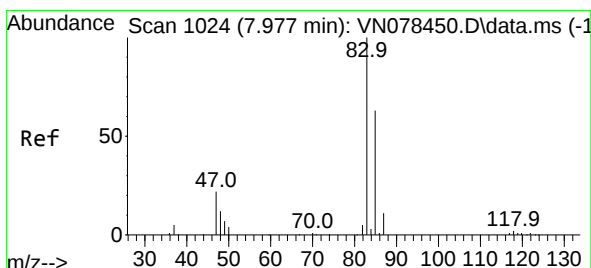
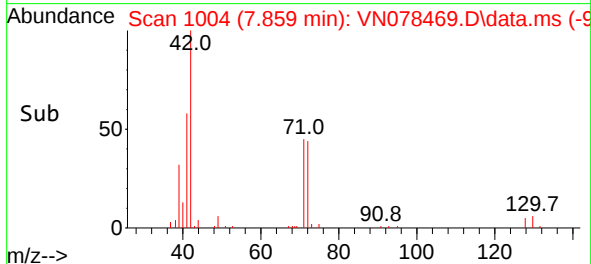
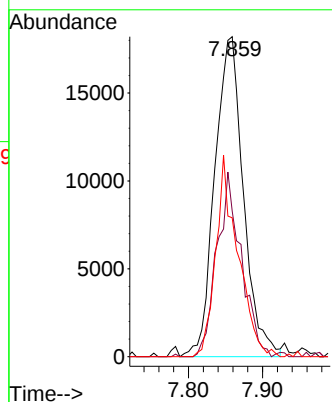
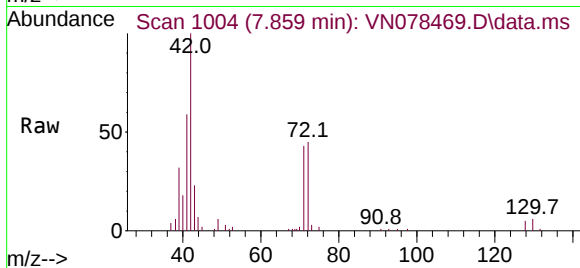
Tgt Ion: 42 Resp: 48872

Ion Ratio Lower Upper

42 100

72 49.1 49.8 74.6#

71 48.7 47.4 71.2



#30

Chloroform

Concen: 5.289 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078469.D

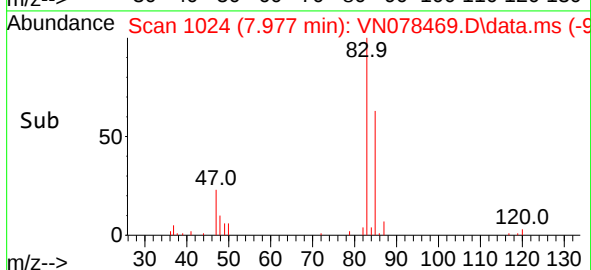
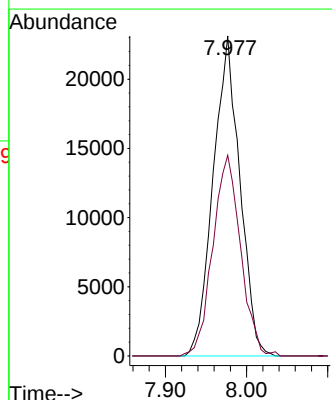
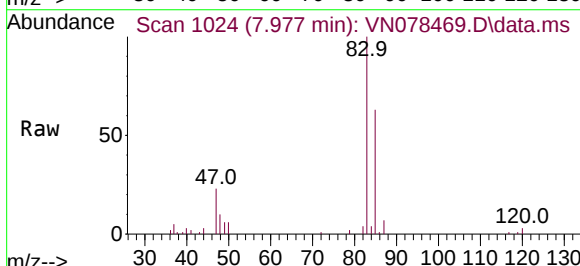
Acq: 11 Jul 2023 18:16

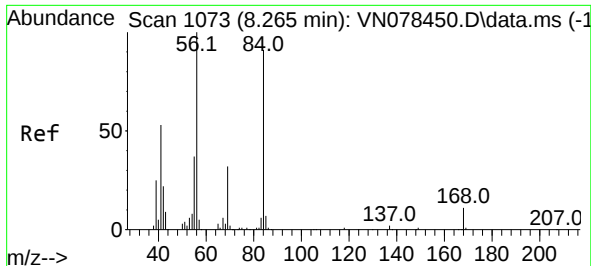
Tgt Ion: 83 Resp: 52796

Ion Ratio Lower Upper

83 100

85 62.7 55.4 83.0

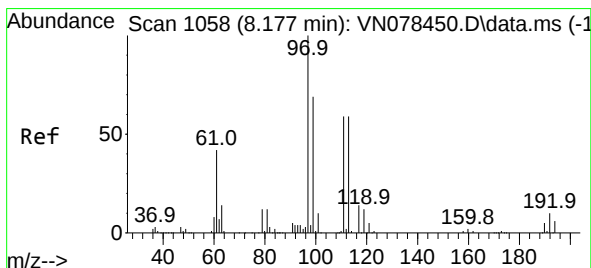
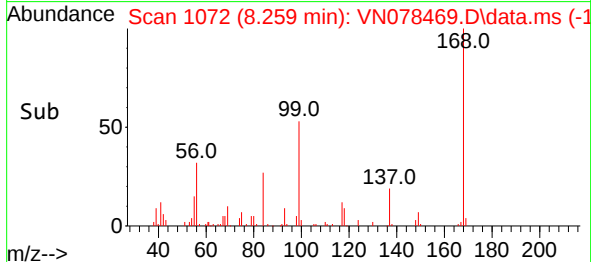
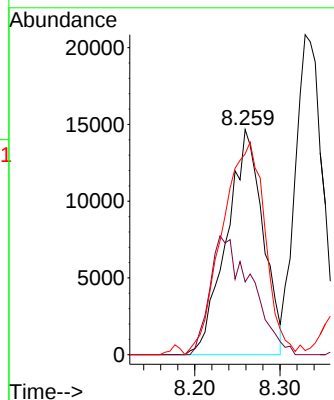
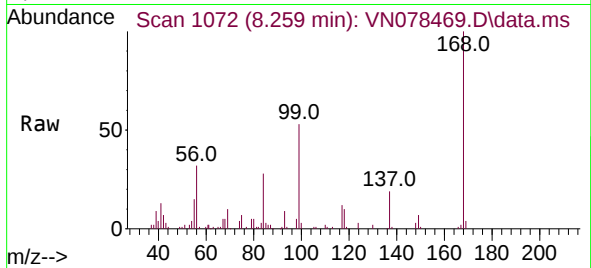




#31
Cyclohexane
Concen: 5.445 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

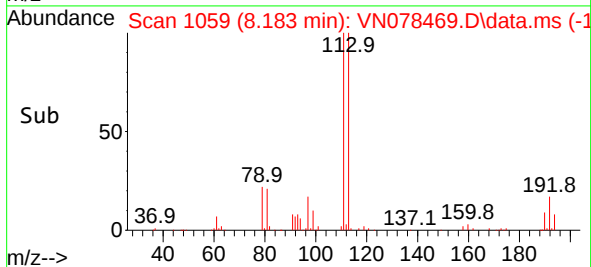
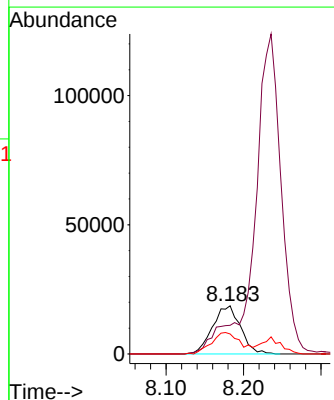
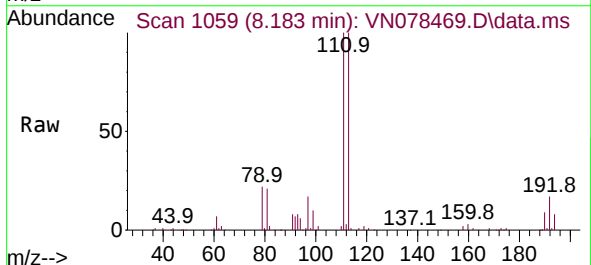
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

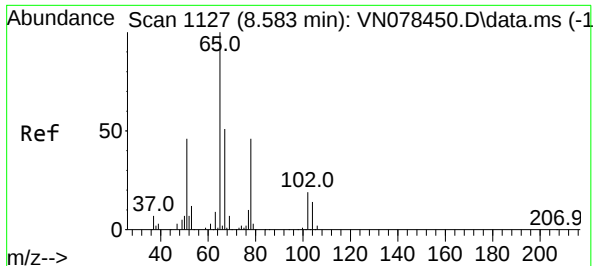
Tgt Ion: 56 Resp: 43483
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 86.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 5.211 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 97 Resp: 46640
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 46.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.884 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

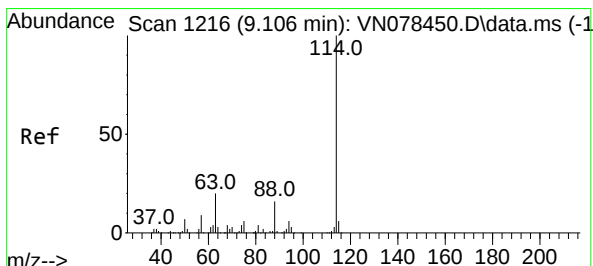
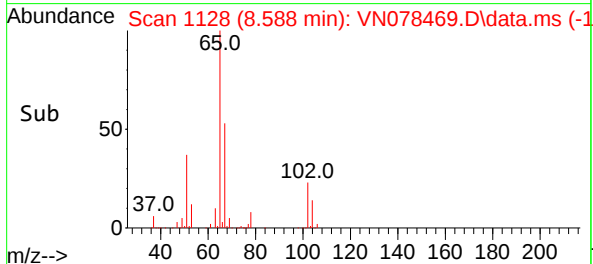
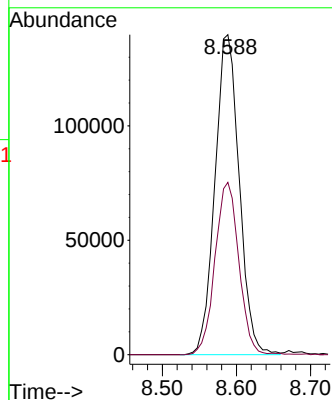
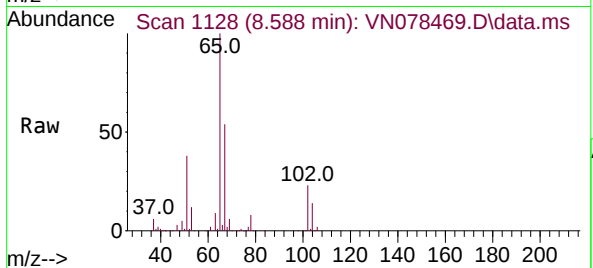
LOQ-WATER-02-QT3-2023

Tgt Ion: 65 Resp: 318391

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

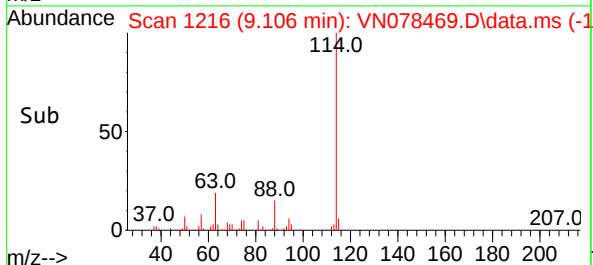
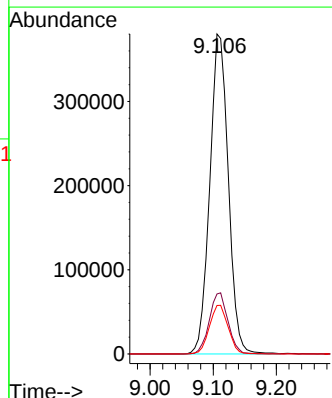
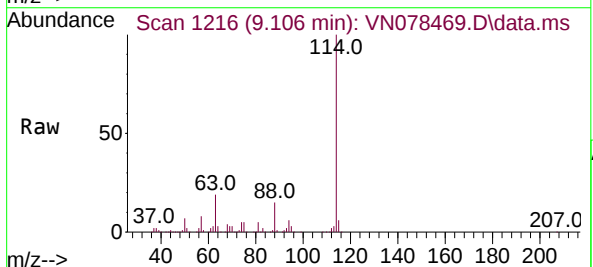
Tgt Ion: 114 Resp: 774519

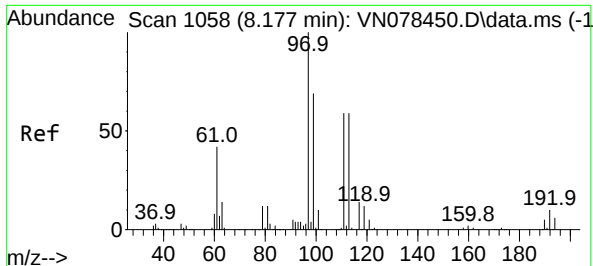
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.152 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

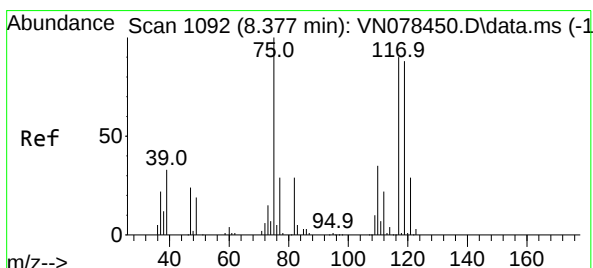
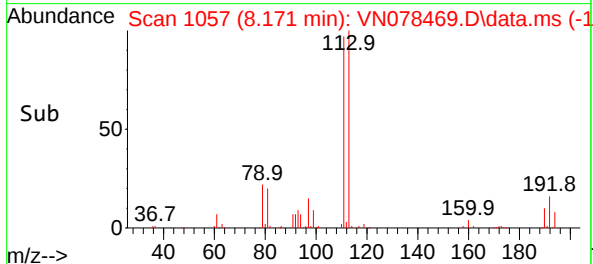
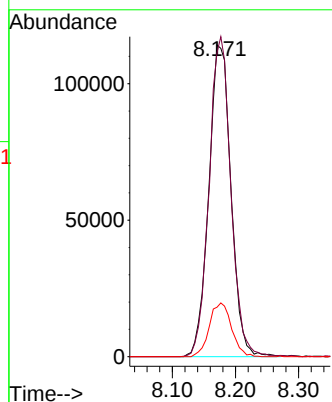
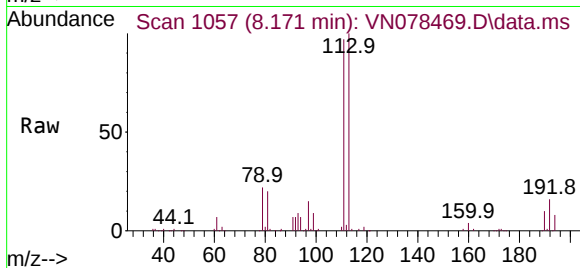
Tgt Ion:113 Resp: 279458

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.628 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

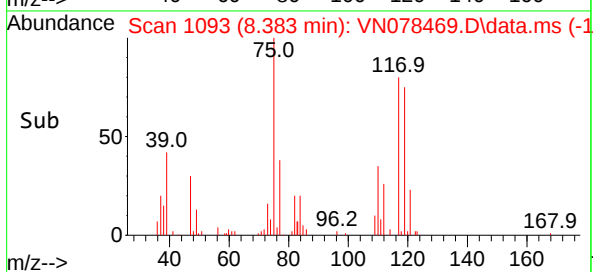
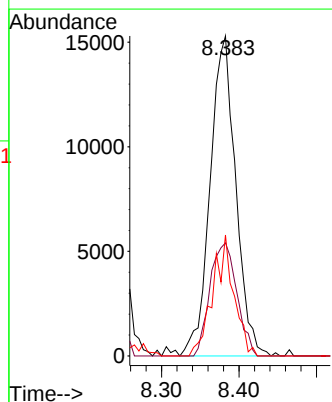
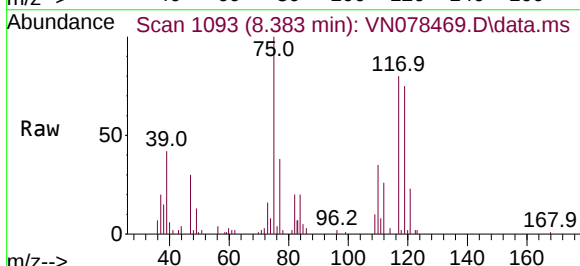
Tgt Ion: 75 Resp: 35136

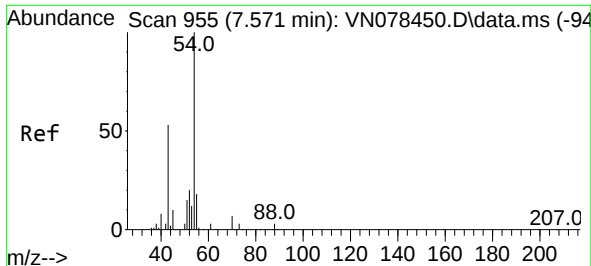
Ion Ratio Lower Upper

75 100

110 37.0 19.1 57.3

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 4.965 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

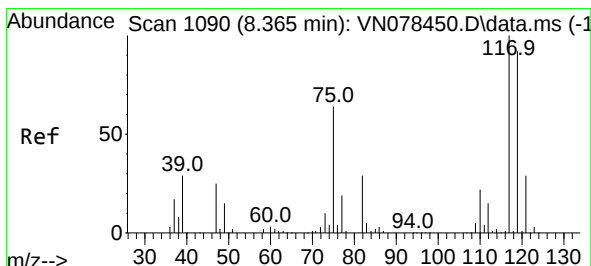
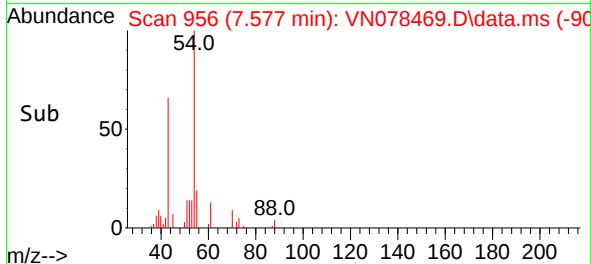
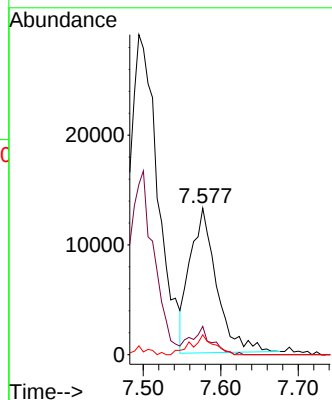
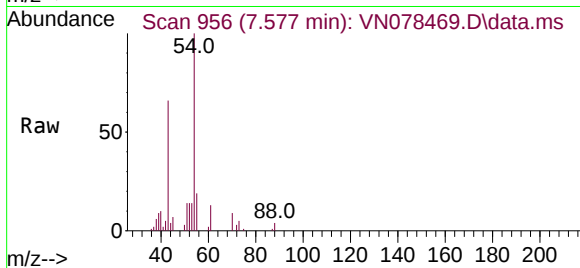
Tgt Ion: 43 Resp: 31424

Ion Ratio Lower Upper

43 100

61 15.2 13.2 19.8

70 11.5 11.3 16.9



#38

Carbon Tetrachloride

Concen: 5.004 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.012 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

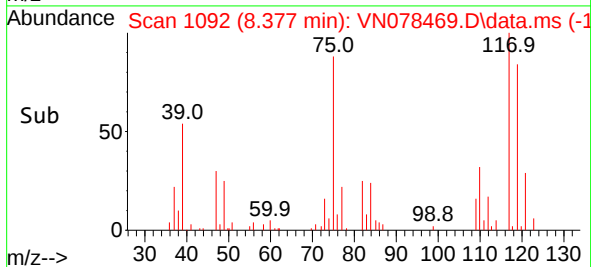
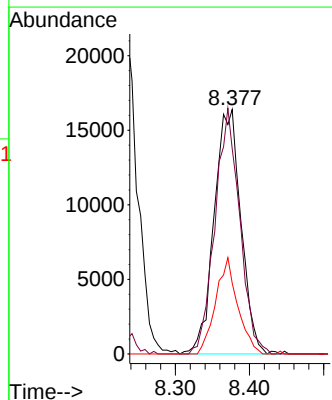
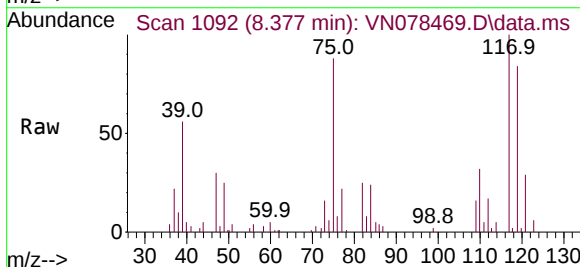
Tgt Ion: 117 Resp: 41286

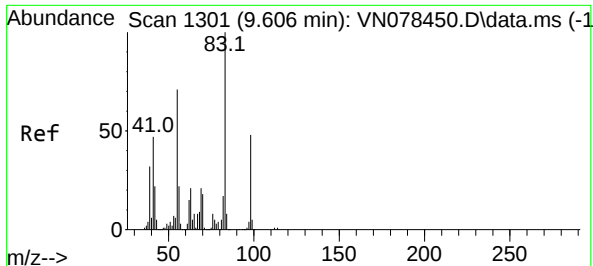
Ion Ratio Lower Upper

117 100

119 83.9 77.3 115.9

121 29.0 23.3 34.9





#39

Methylcyclohexane

Concen: 4.420 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

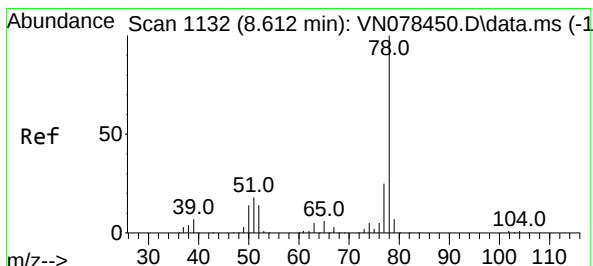
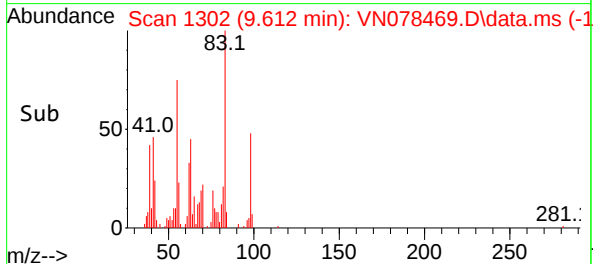
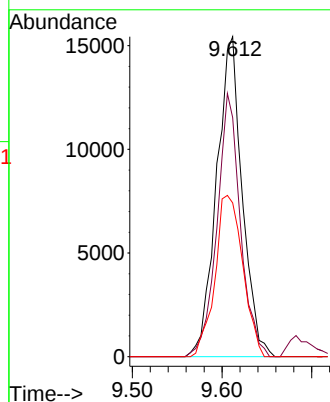
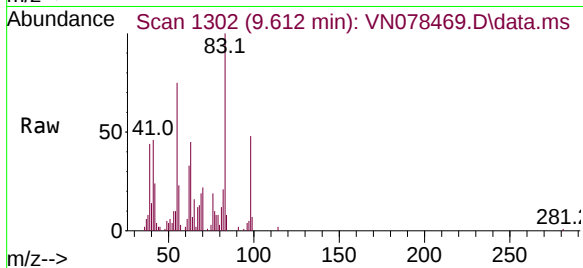
Tgt Ion: 83 Resp: 30627

Ion Ratio Lower Upper

83 100

55 74.7 49.1 73.7#

98 48.1 40.6 61.0



#40

Benzene

Concen: 5.011 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078469.D

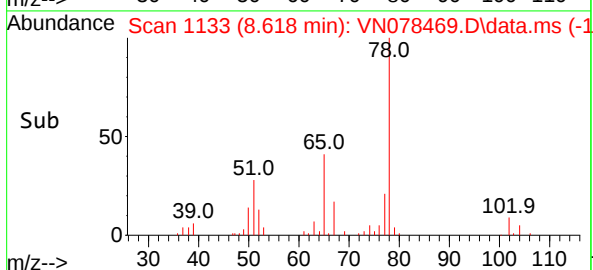
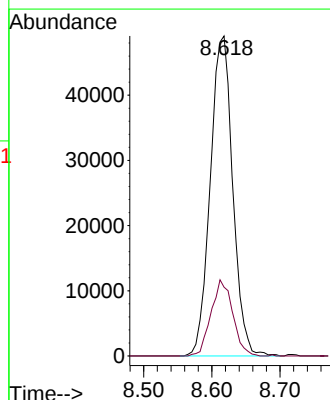
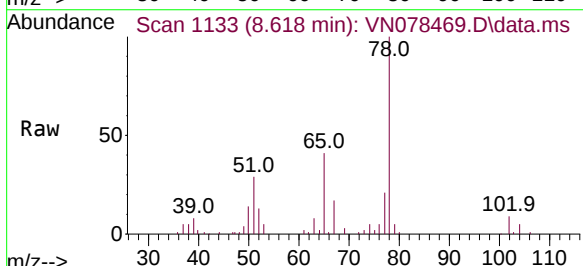
Acq: 11 Jul 2023 18:16

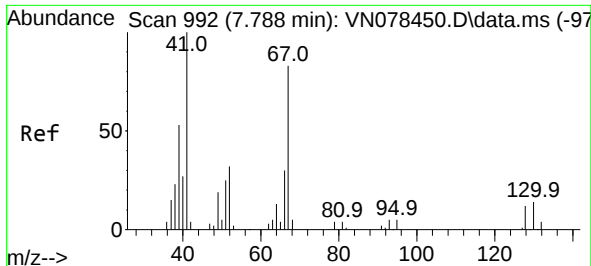
Tgt Ion: 78 Resp: 112692

Ion Ratio Lower Upper

78 100

77 21.5 19.0 28.6

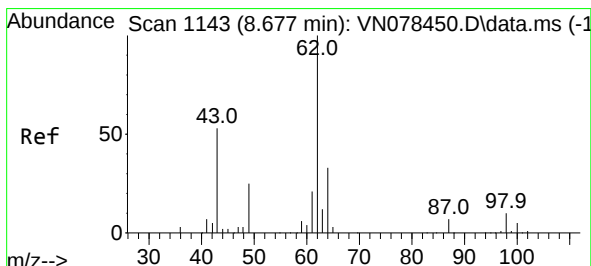
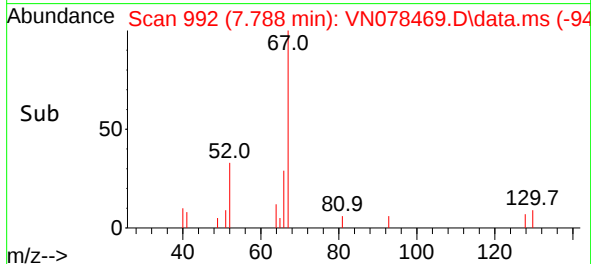
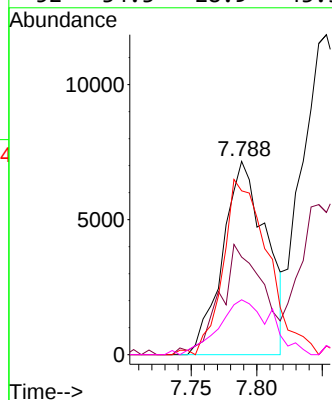
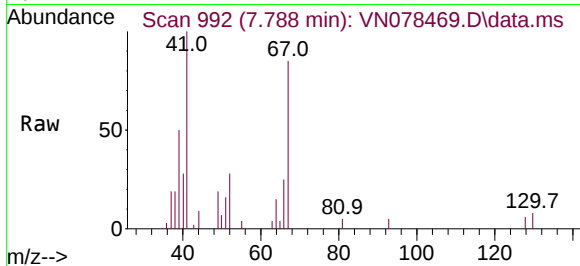




#41
Methacrylonitrile
Concen: 5.130 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

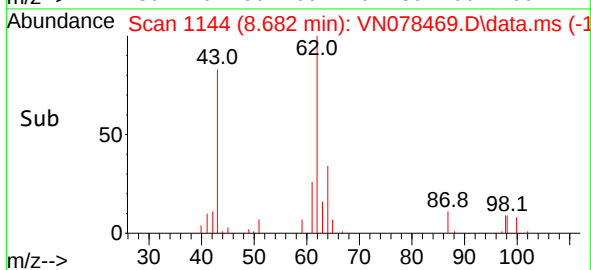
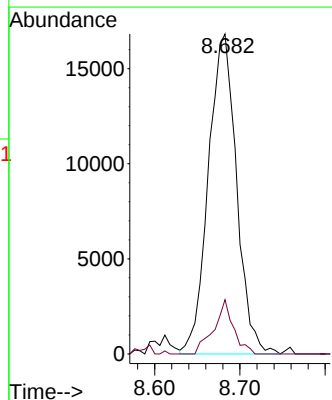
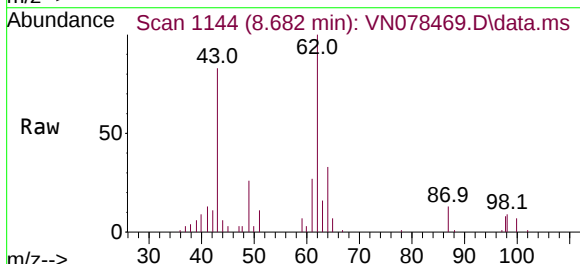
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

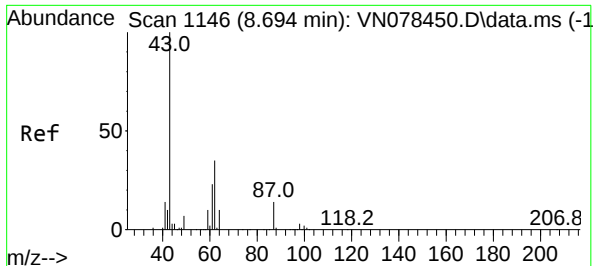
Tgt Ion: 41	Resp: 16550
Ion Ratio	Lower Upper
41 100	
39 56.2	42.6 64.0
67 93.6	77.5 116.3
52 34.3	28.9 43.3



#42
1,2-Dichloroethane
Concen: 5.060 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 62	Resp: 38711
Ion Ratio	Lower Upper
62 100	
98 11.7	0.0 19.8

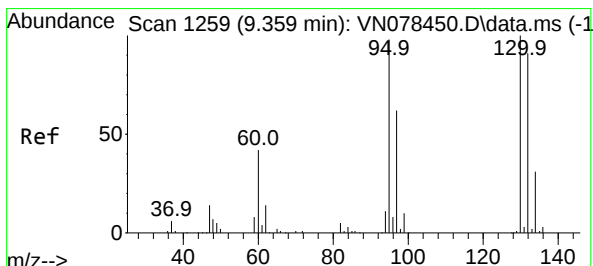
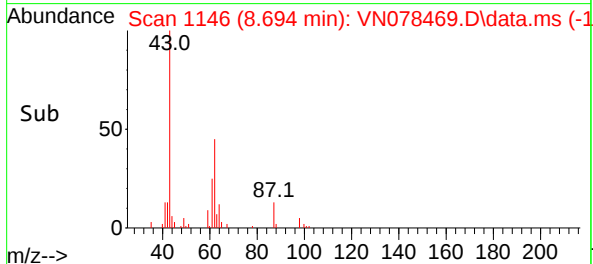
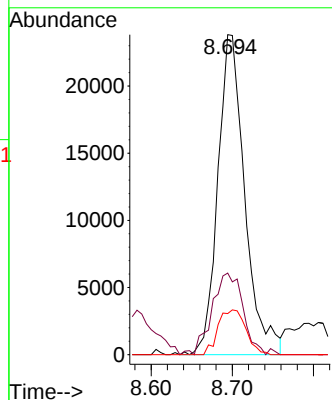
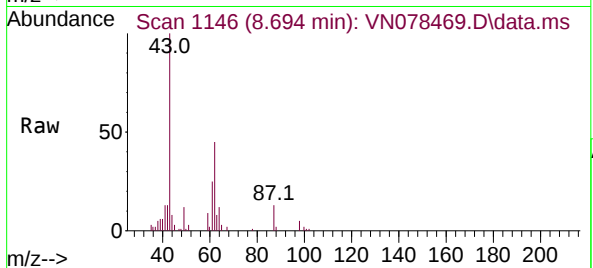




#43
Isopropyl Acetate
Concen: 5.278 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

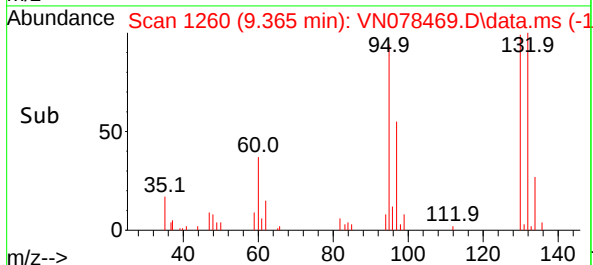
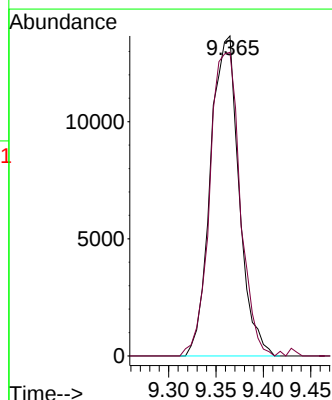
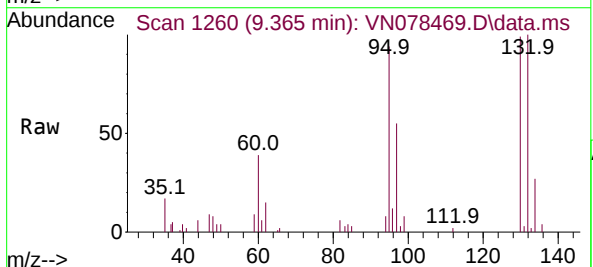
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

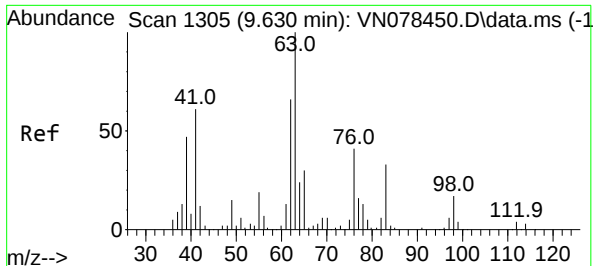
Tgt Ion: 43 Resp: 54994
Ion Ratio Lower Upper
43 100
61 29.0 24.7 37.1
87 14.5 14.6 21.8#



#44
Trichloroethene
Concen: 4.729 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:130 Resp: 28667
Ion Ratio Lower Upper
130 100
95 94.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 4.949 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

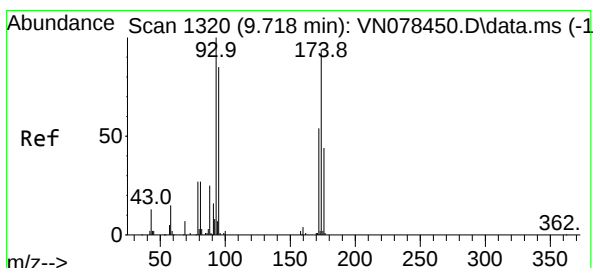
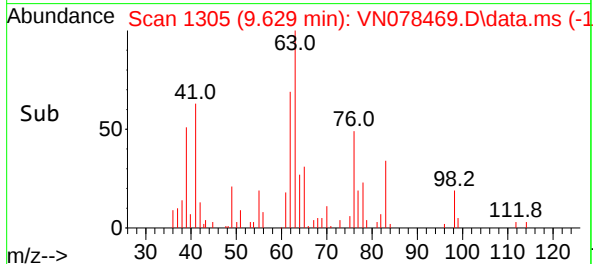
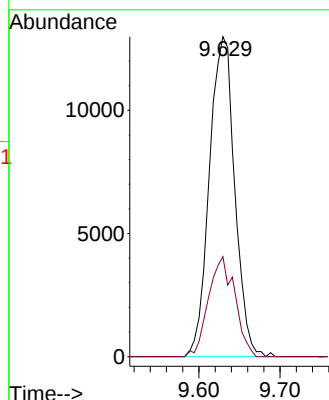
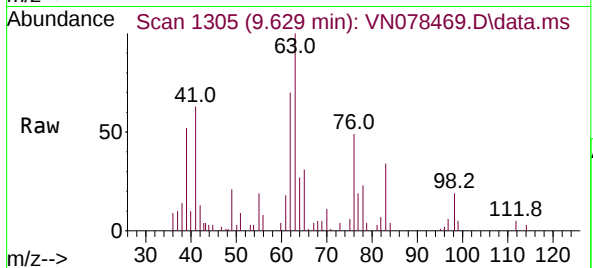
LOQ-WATER-02-QT3-2023

Tgt Ion: 63 Resp: 28190

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 5.077 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

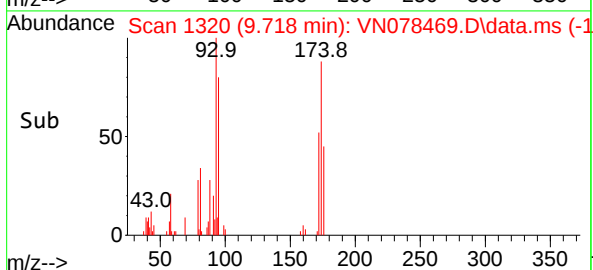
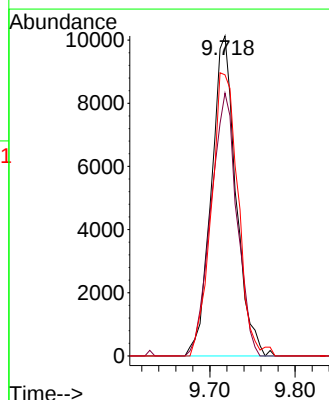
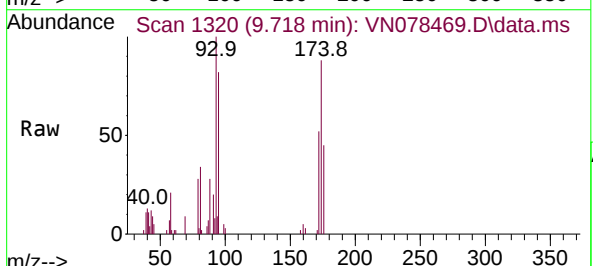
Tgt Ion: 93 Resp: 20356

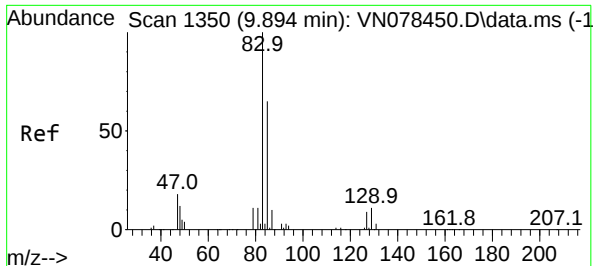
Ion Ratio Lower Upper

93 100

95 87.1 63.8 95.8

174 95.9 65.6 98.4

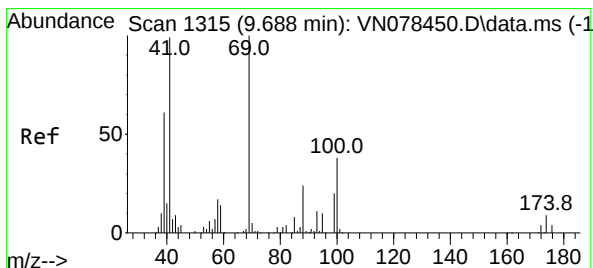
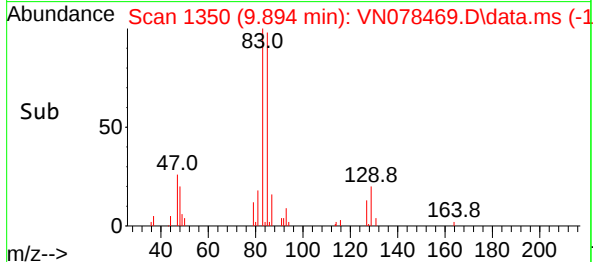
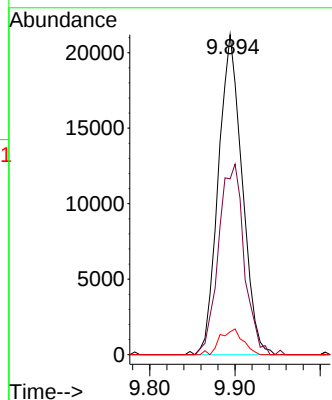
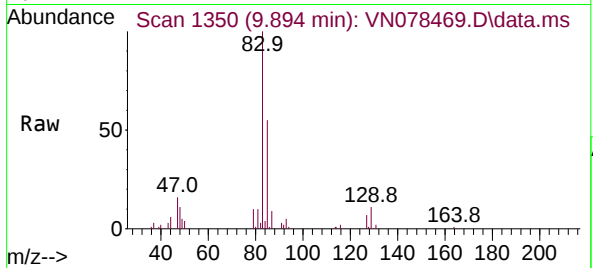




#47
Bromodichloromethane
Concen: 5.105 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

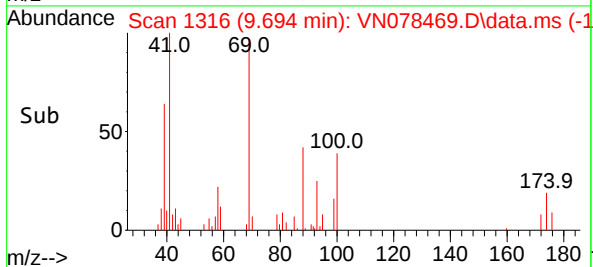
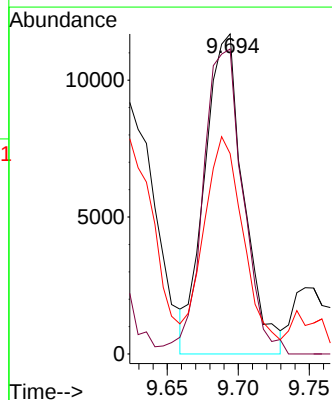
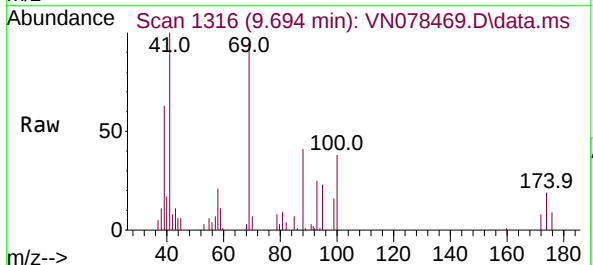
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

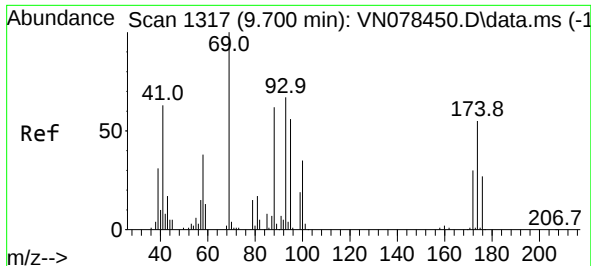
Tgt Ion:	83	Resp:	41024
Ion Ratio	Lower	Upper	
83	100		
85	55.0	49.6	74.4
127	7.1	7.0	10.6



#48
Methyl methacrylate
Concen: 4.628 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:	41	Resp:	22339
Ion Ratio	Lower	Upper	
41	100		
69	97.2	90.4	135.6
39	70.7	54.6	81.8





#49

1,4-Dioxane

Concen: 106.356 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

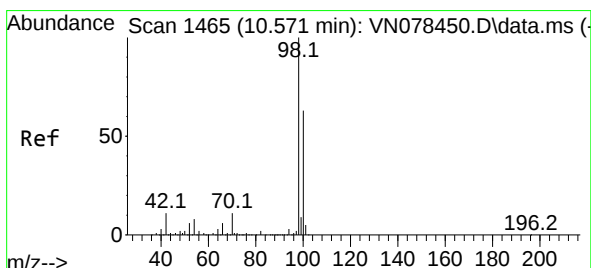
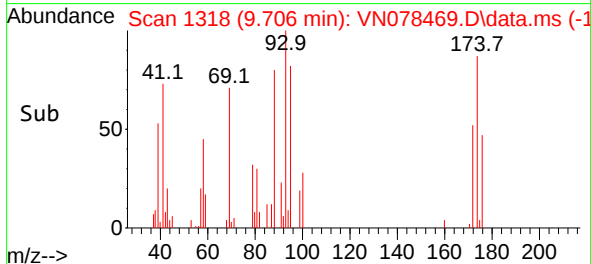
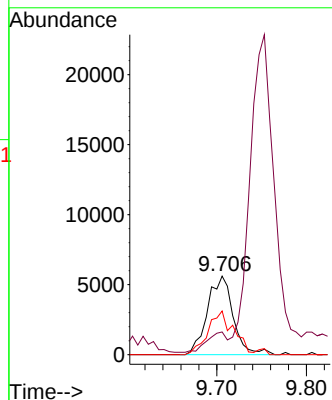
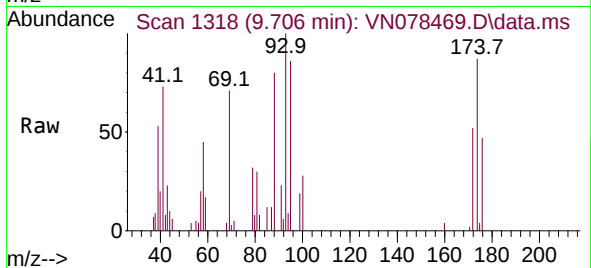
Tgt Ion: 88 Resp: 11196

Ion Ratio Lower Upper

88 100

43 19.6 17.0 25.6

58 55.6 47.0 70.4



#50

Toluene-d8

Concen: 51.064 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078469.D

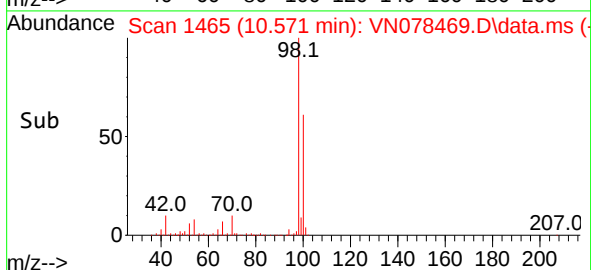
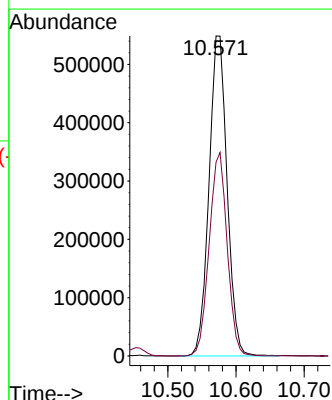
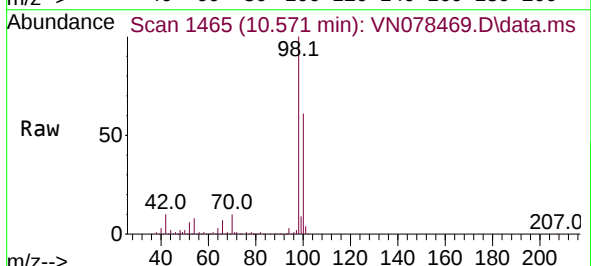
Acq: 11 Jul 2023 18:16

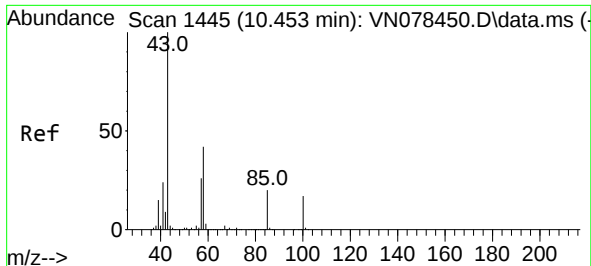
Tgt Ion: 98 Resp: 1014235

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

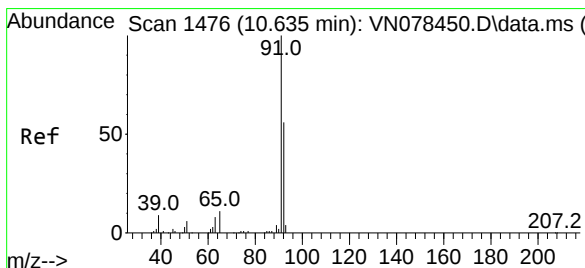
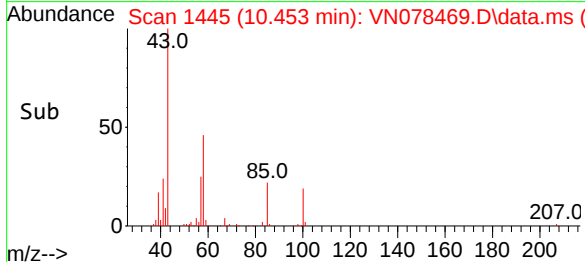
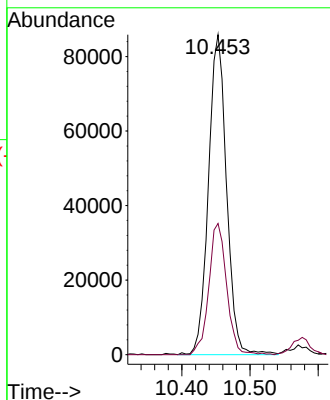
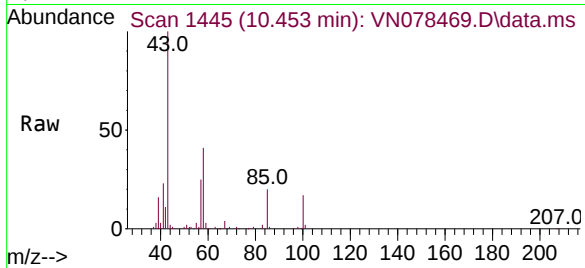




#51
4-Methyl-2-Pentanone
Concen: 25.618 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

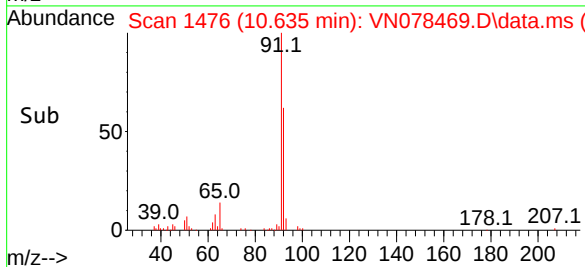
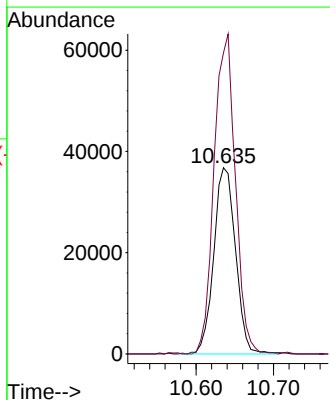
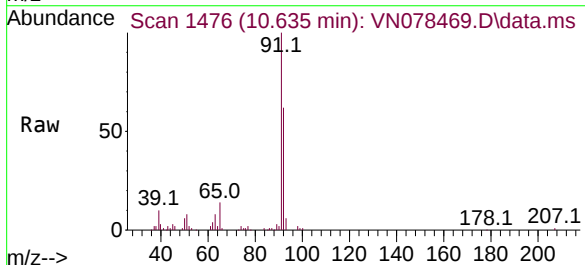
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

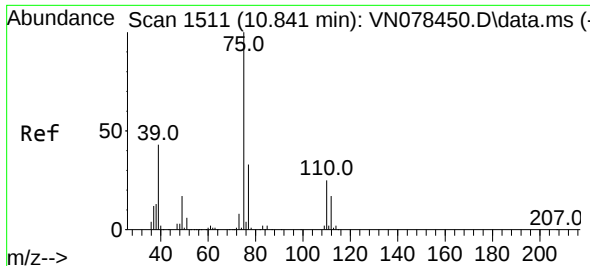
Tgt Ion: 43 Resp: 158762
Ion Ratio Lower Upper
43 100
58 40.5 36.6 54.8



#52
Toluene
Concen: 5.144 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 92 Resp: 71705
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0

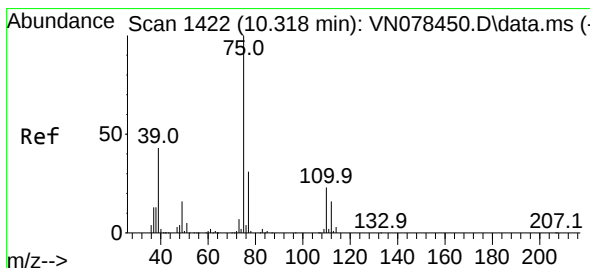
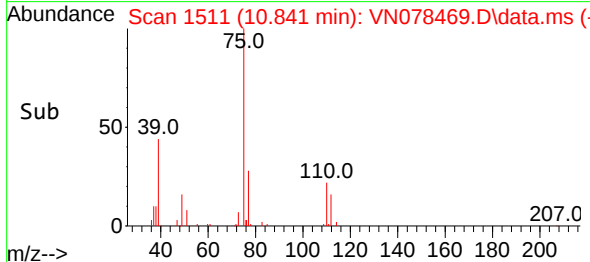
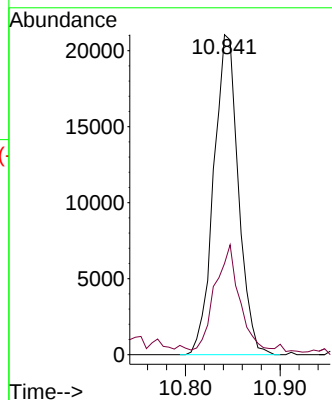
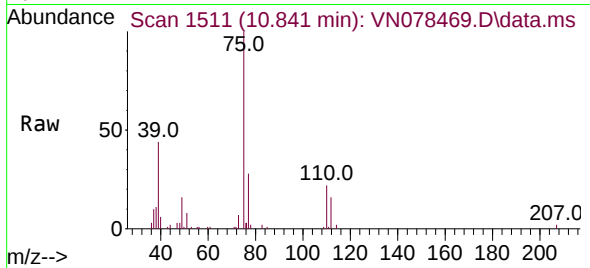




#53
 t-1,3-Dichloropropene
 Concen: 4.631 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

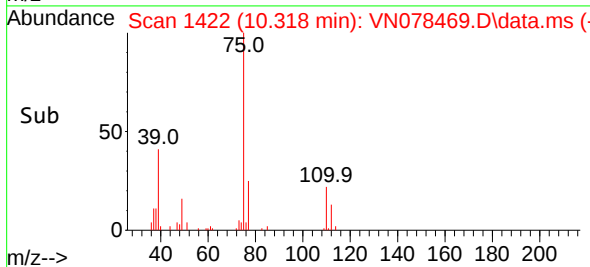
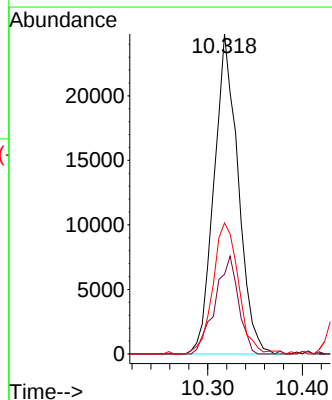
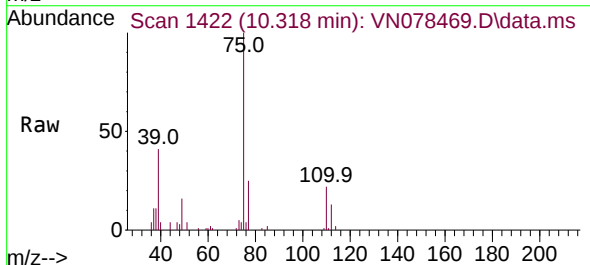
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

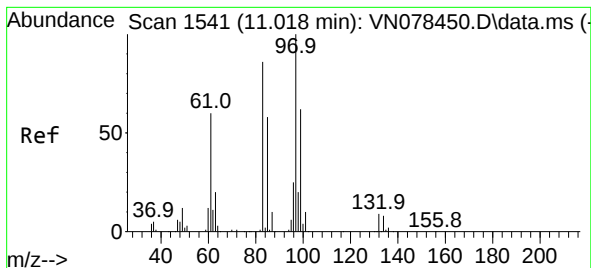
Tgt Ion: 75 Resp: 38129
 Ion Ratio Lower Upper
 75 100
 77 25.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.976 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

Tgt Ion: 75 Resp: 43672
 Ion Ratio Lower Upper
 75 100
 77 24.9 26.1 39.1#
 39 41.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 5.000 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 97 Resp: 27462

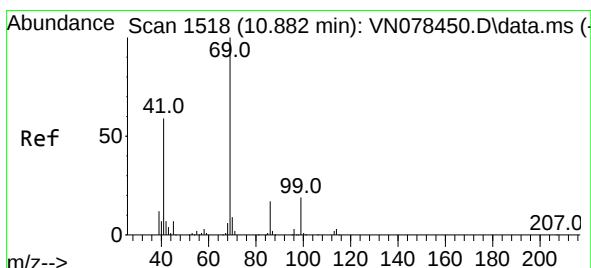
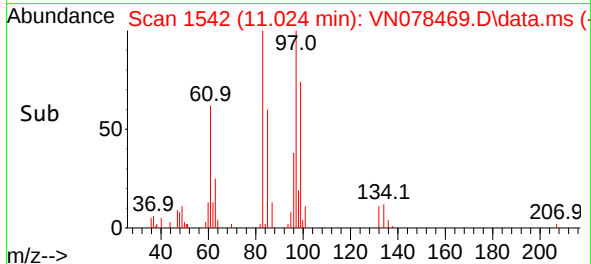
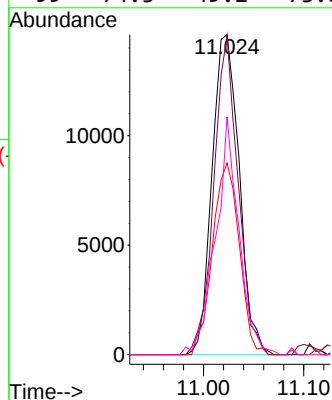
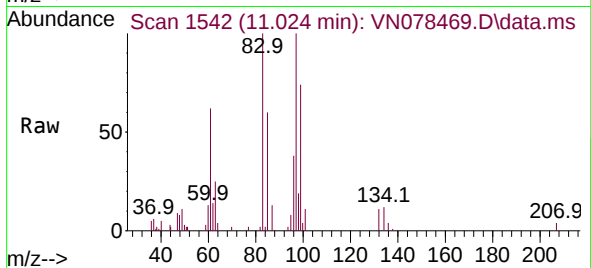
Ion Ratio Lower Upper

97 100

83 99.8 65.1 97.7#

85 60.0 43.4 65.2

99 74.3 49.2 73.8#



#56

Ethyl methacrylate

Concen: 4.447 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

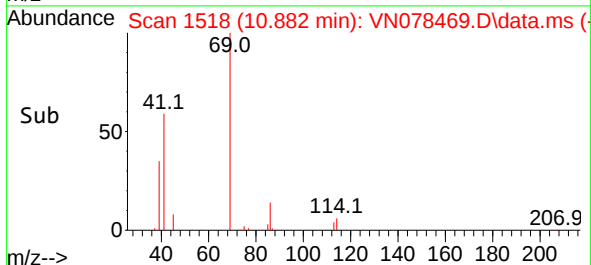
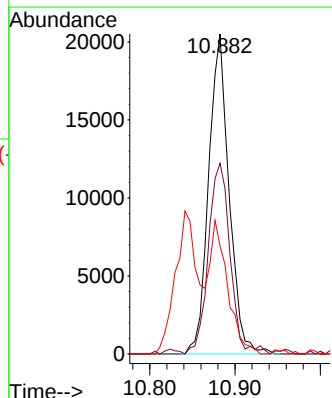
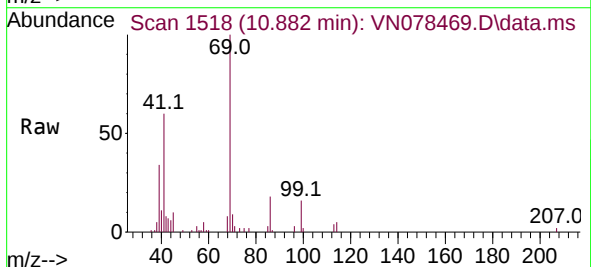
Tgt Ion: 69 Resp: 34139

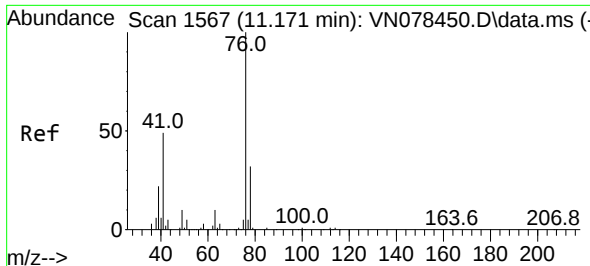
Ion Ratio Lower Upper

69 100

41 63.4 39.6 59.4#

39 36.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 5.114 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

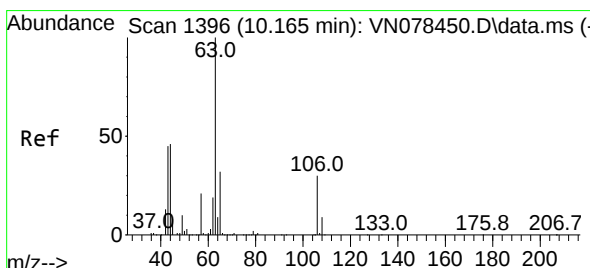
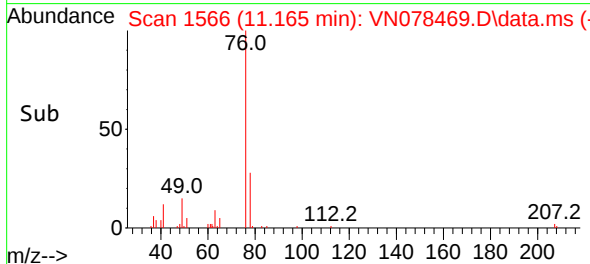
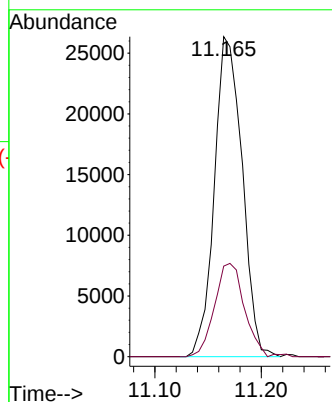
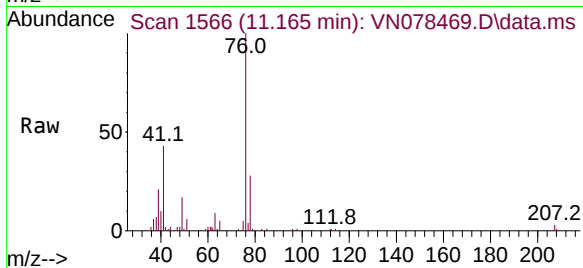
LOQ-WATER-02-QT3-2023

Tgt Ion: 76 Resp: 47755

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 21.421 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078469.D

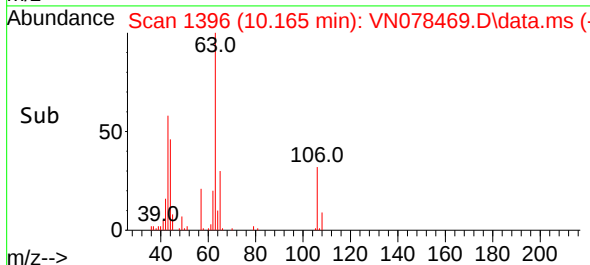
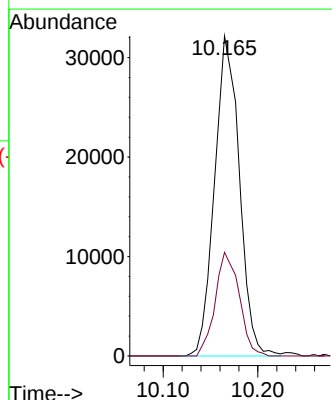
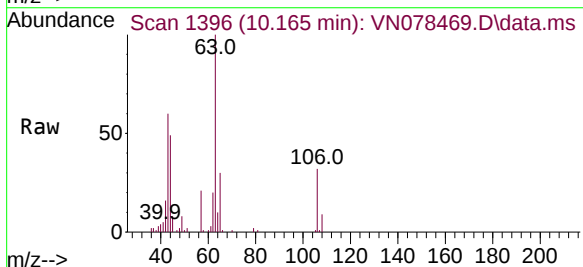
Acq: 11 Jul 2023 18:16

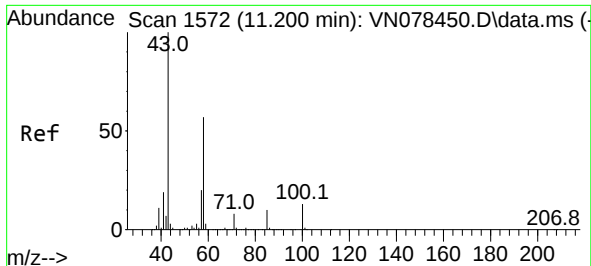
Tgt Ion: 63 Resp: 58607

Ion Ratio Lower Upper

63 100

106 31.4 26.2 39.4

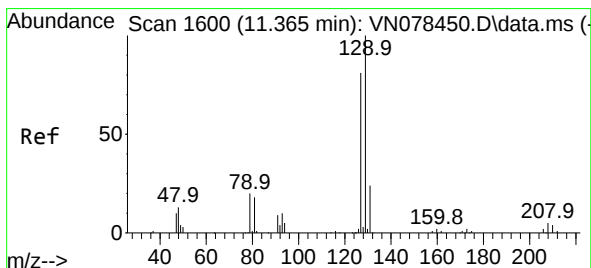
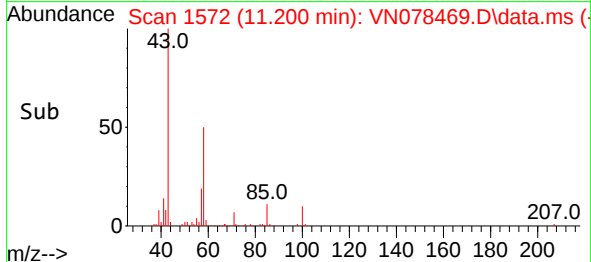
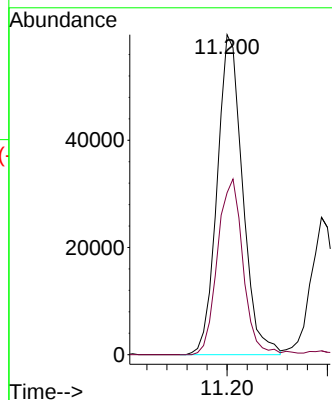
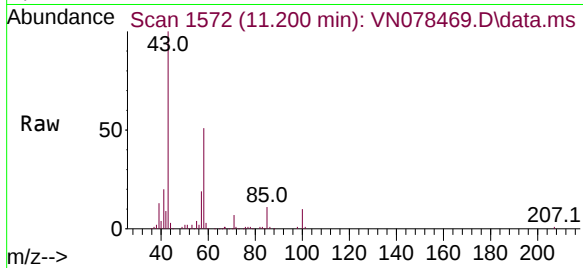




#59
2-Hexanone
Concen: 23.850 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

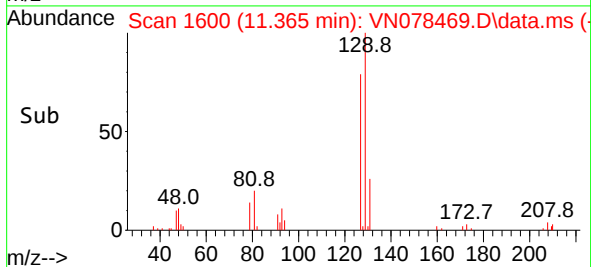
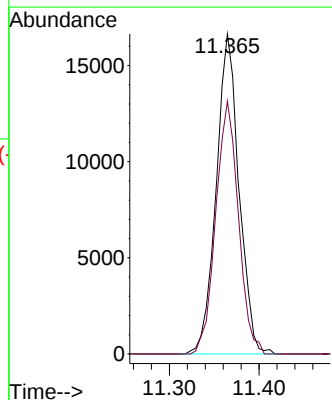
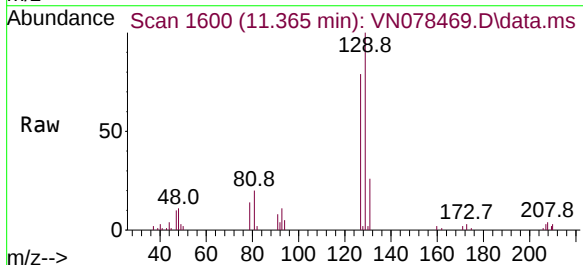
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

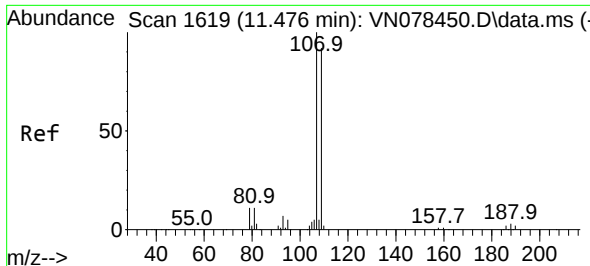
Tgt Ion: 43 Resp: 105049
Ion Ratio Lower Upper
43 100
58 55.2 31.7 95.1



#60
Dibromochloromethane
Concen: 4.834 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 129 Resp: 29307
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

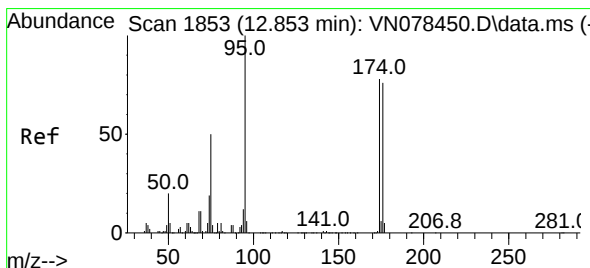
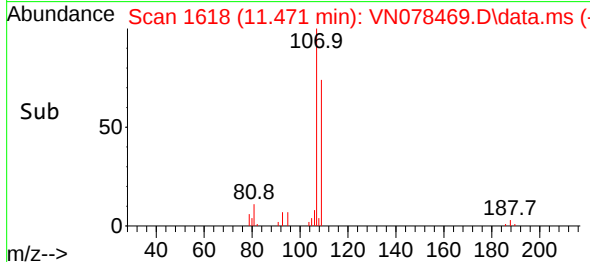
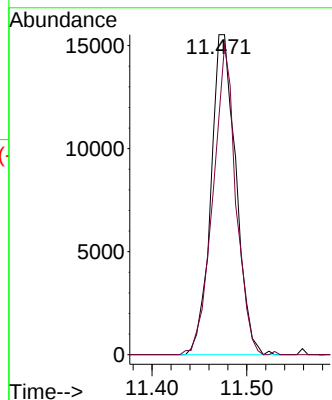
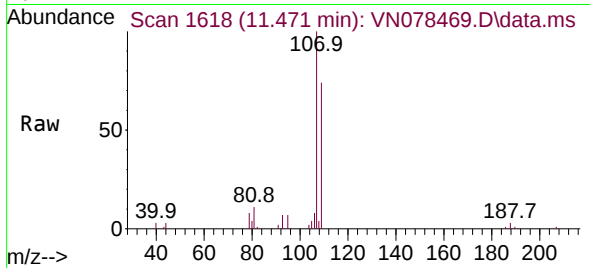




#61
1,2-Dibromoethane
Concen: 5.021 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

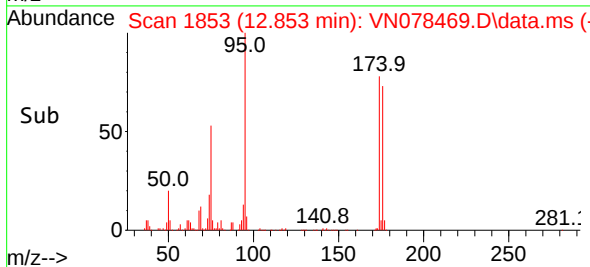
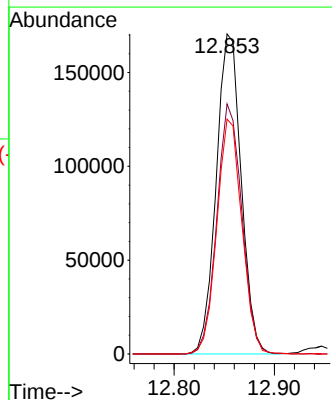
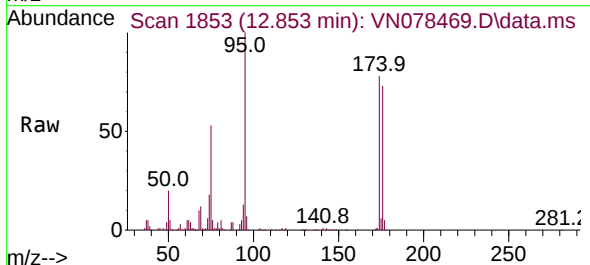
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

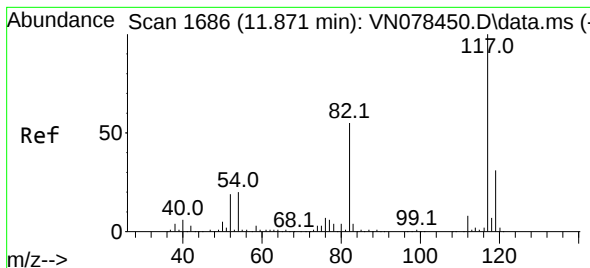
Tgt Ion:107 Resp: 28409
Ion Ratio Lower Upper
107 100
109 89.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.204 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 95 Resp: 294908
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 73.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

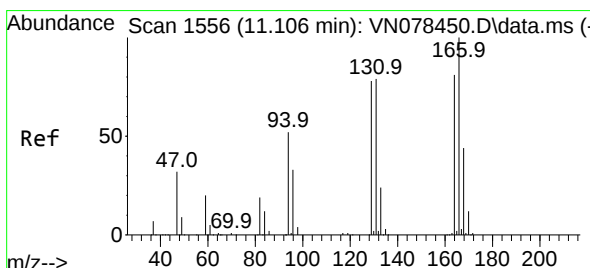
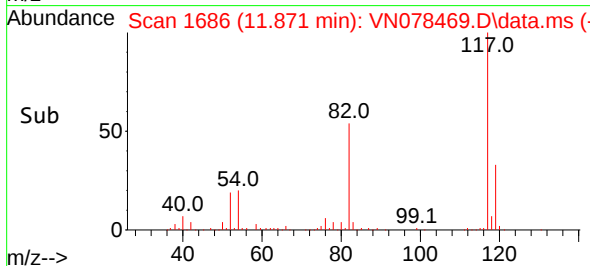
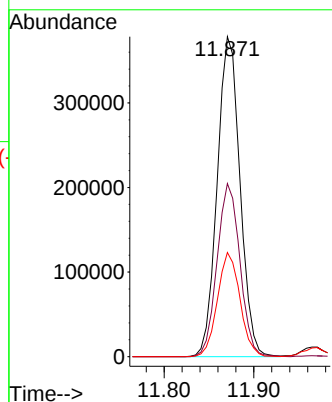
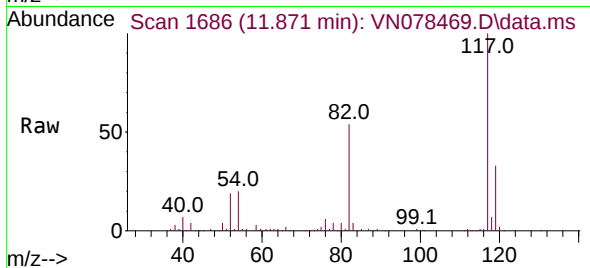
Tgt Ion:117 Resp: 667584

Ion Ratio Lower Upper

117 100

82 54.1 44.0 66.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 5.178 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Tgt Ion:164 Resp: 25989

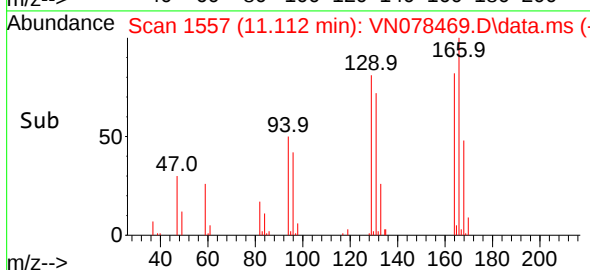
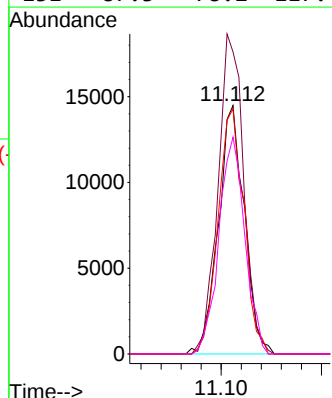
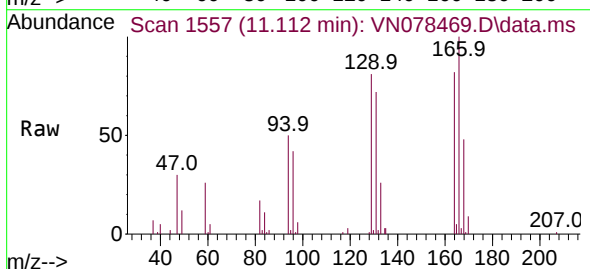
Ion Ratio Lower Upper

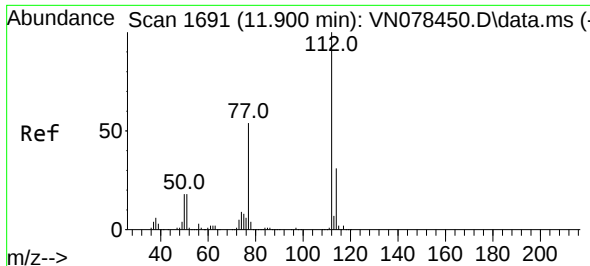
164 100

166 121.6 101.4 152.0

129 98.7 82.4 123.6

131 87.3 78.2 117.4

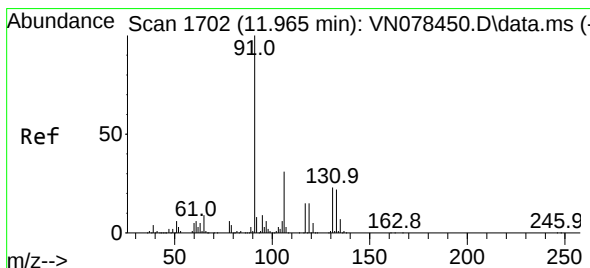
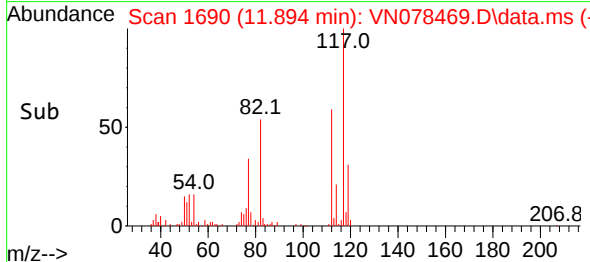
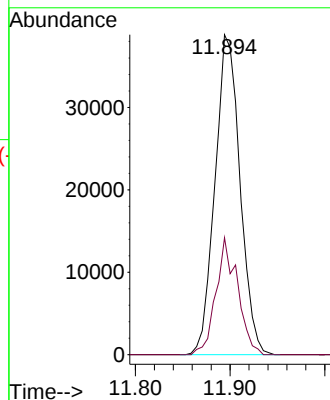
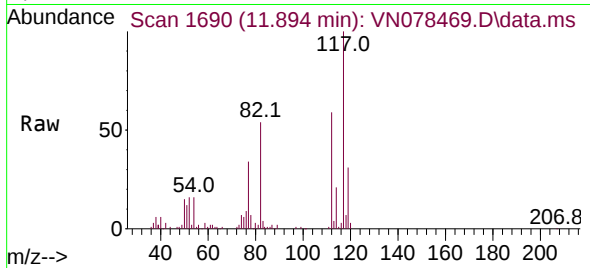




#65
Chlorobenzene
Concen: 4.773 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

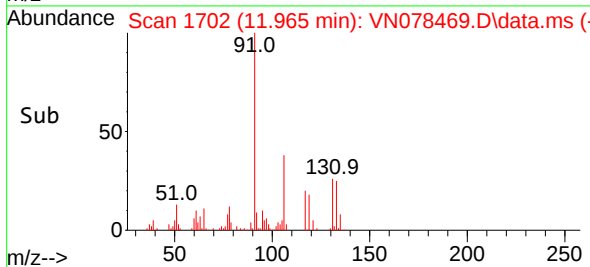
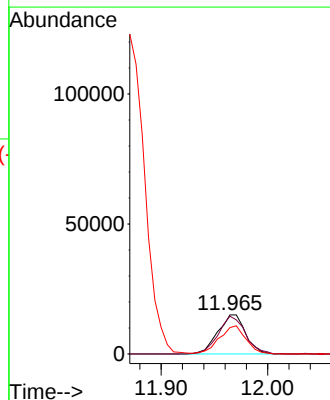
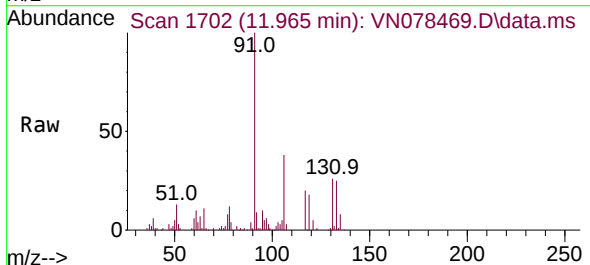
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

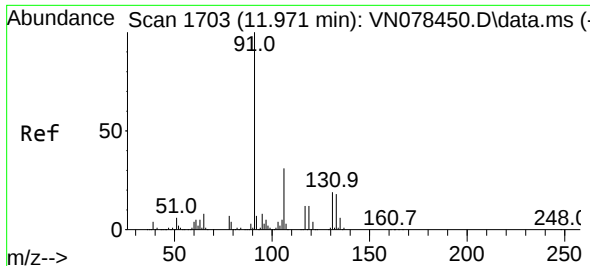
Tgt Ion:112 Resp: 71229
Ion Ratio Lower Upper
112 100
114 36.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.734 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:131 Resp: 27174
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 68.8 34.1 102.2





#67

Ethyl Benzene

Concen: 4.617 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

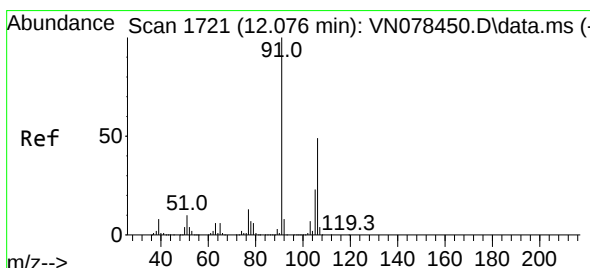
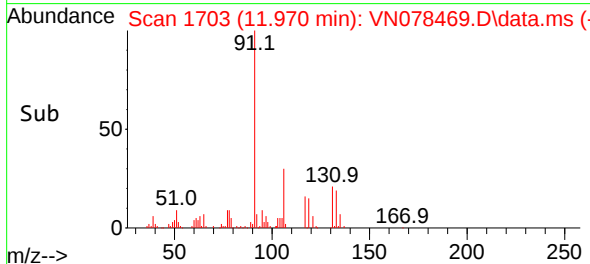
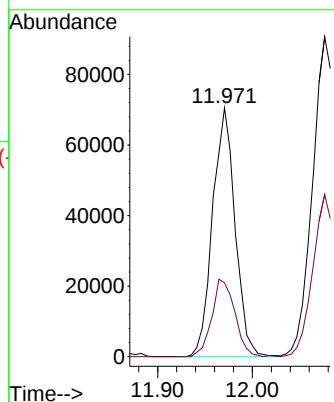
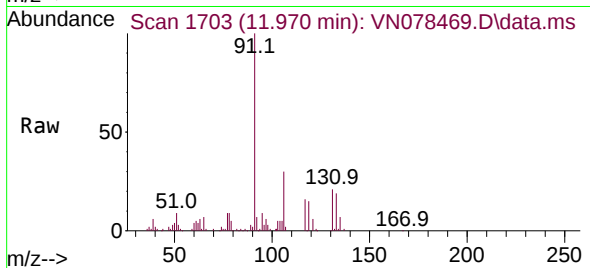
LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 116468

Ion Ratio Lower Upper

91 100

106 29.7 25.6 38.4



#68

m/p-Xylenes

Concen: 9.167 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078469.D

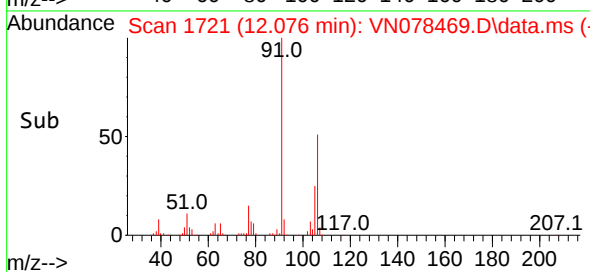
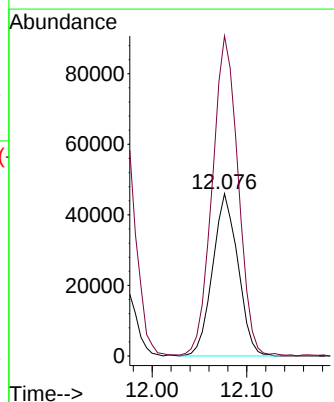
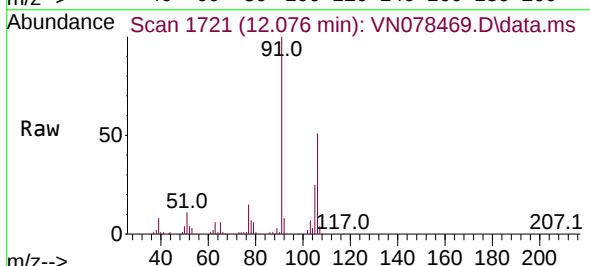
Acq: 11 Jul 2023 18:16

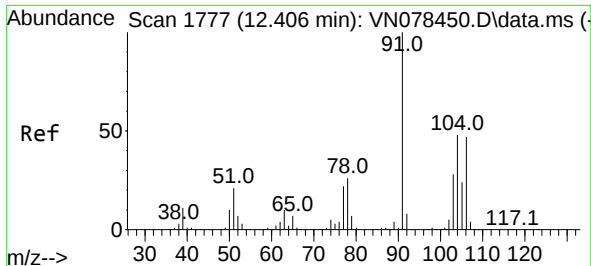
Tgt Ion:106 Resp: 85489

Ion Ratio Lower Upper

106 100

91 201.8 159.6 239.4

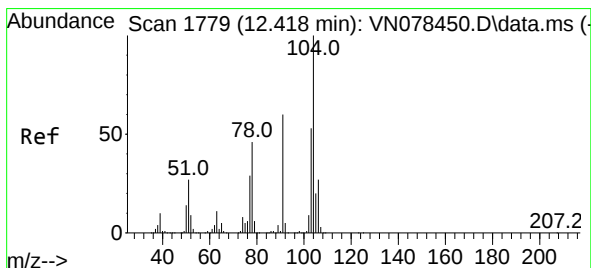
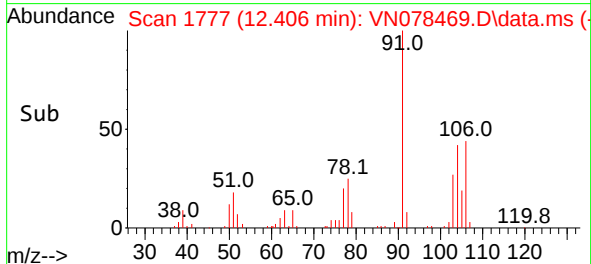
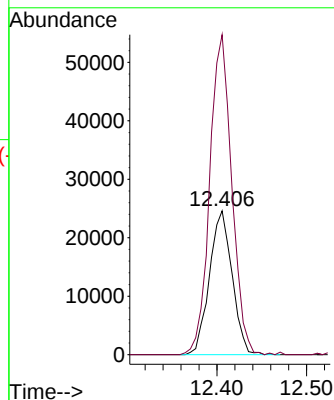
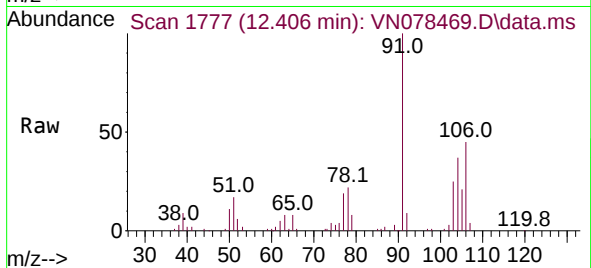




#69
o-Xylene
Concen: 4.580 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

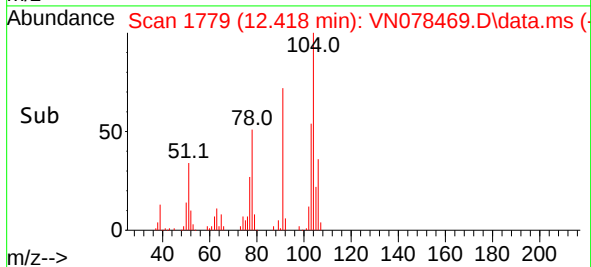
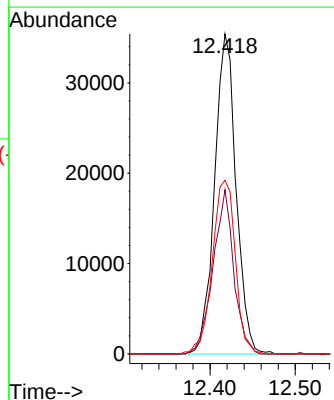
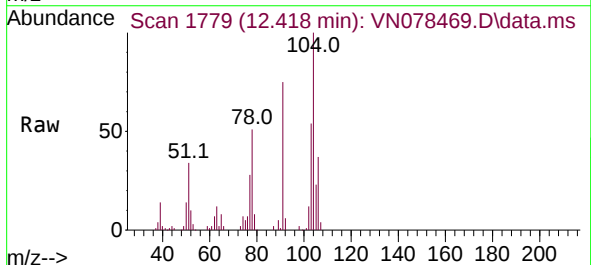
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

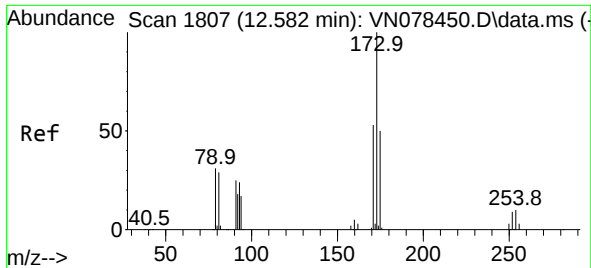
Tgt Ion:106 Resp: 43143
Ion Ratio Lower Upper
106 100
91 216.3 105.2 315.5



#70
Styrene
Concen: 4.208 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:104 Resp: 62007
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 58.1 43.2 64.8

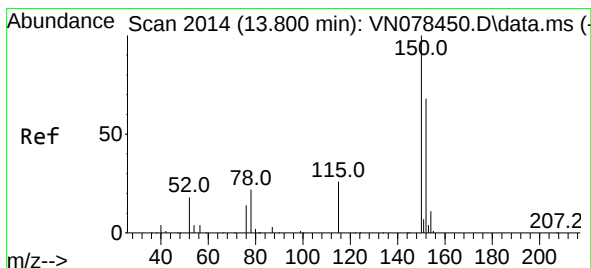
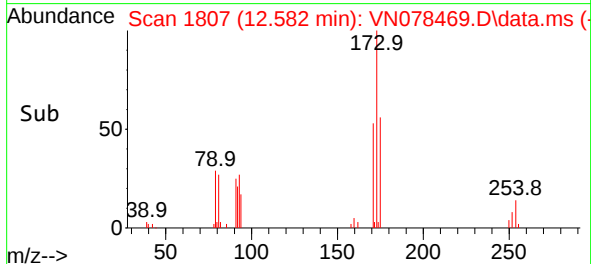
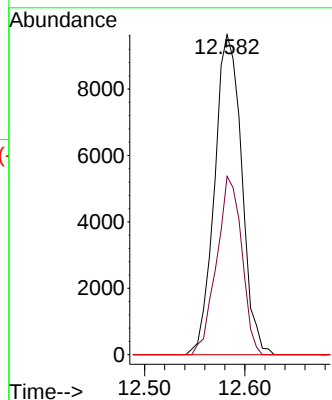
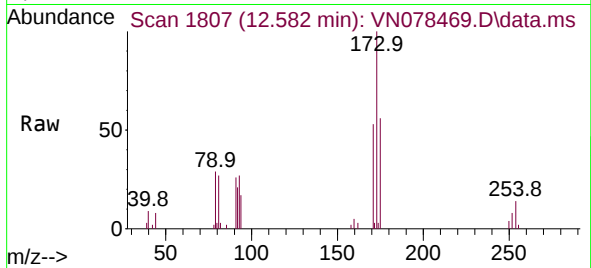




#71
Bromoform
Concen: 4.655 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

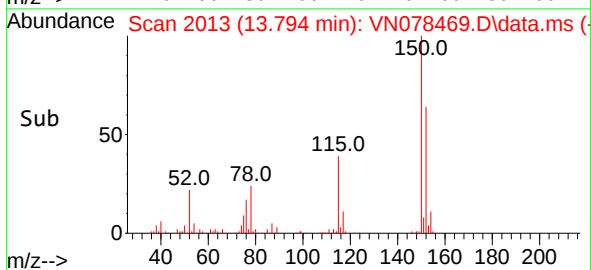
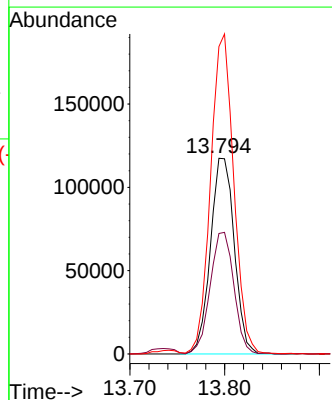
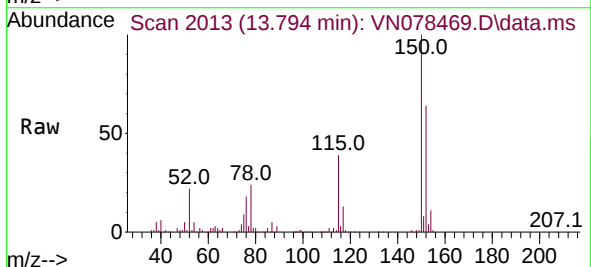
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

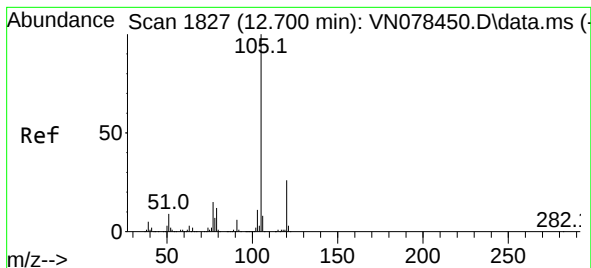
Tgt Ion:173 Resp: 18096
Ion Ratio Lower Upper
173 100
175 51.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:152 Resp: 205515
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 158.7 0.0 355.8





#73

Isopropylbenzene

Concen: 5.334 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

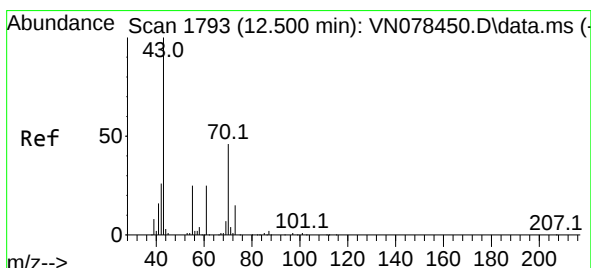
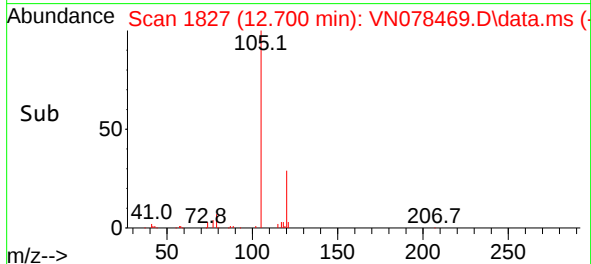
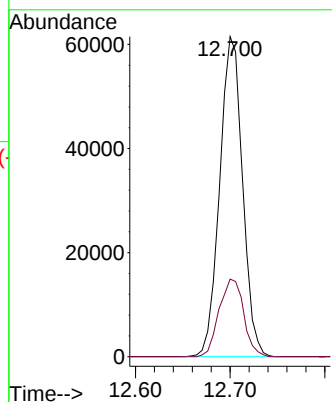
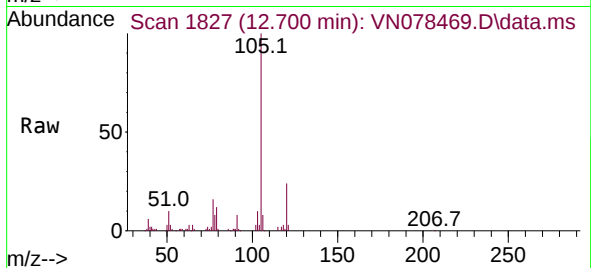
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 102996

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 5.063 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Tgt Ion: 43 Resp: 33697

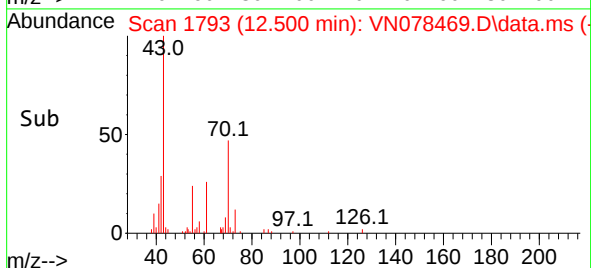
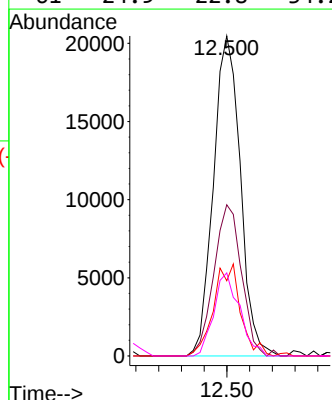
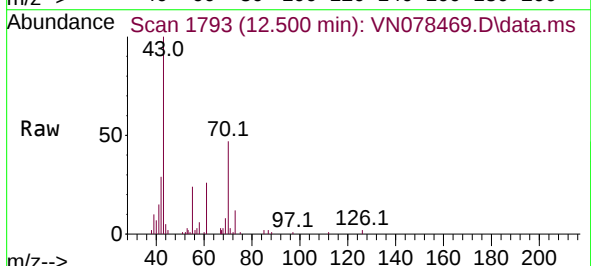
Ion Ratio Lower Upper

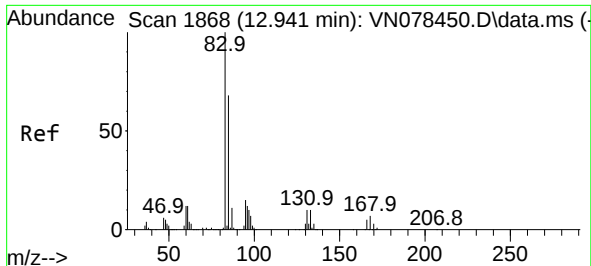
43 100

70 48.7 43.4 65.2

55 28.7 21.4 32.0

61 24.9 22.8 34.2

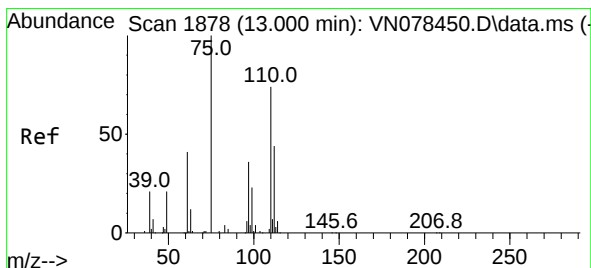
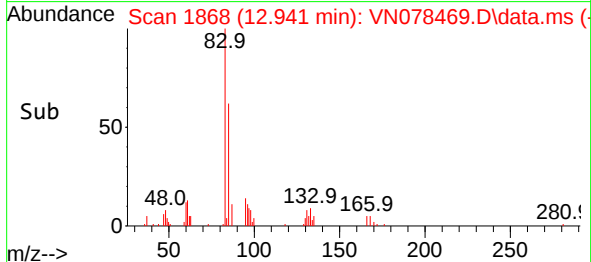
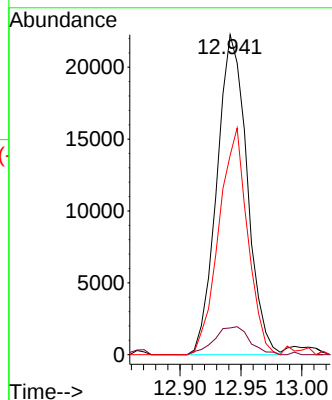
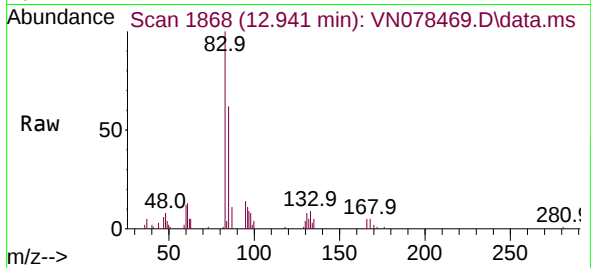




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.888 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

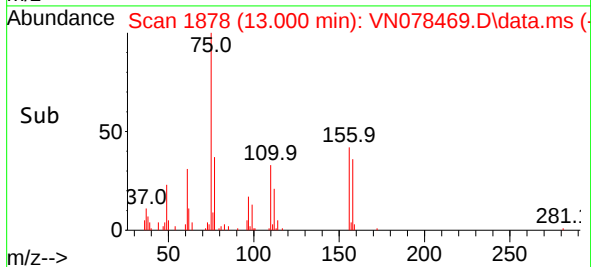
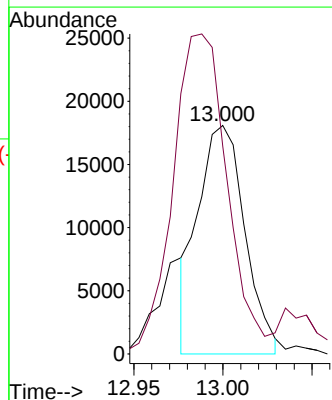
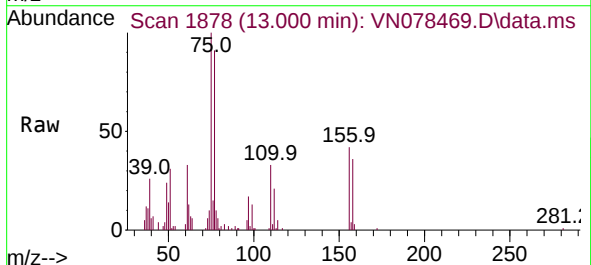
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2023

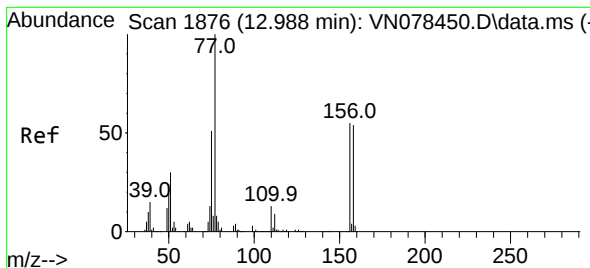
Tgt Ion: 83 Resp: 38393
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 67.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 6.643 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078469.D
 Acq: 11 Jul 2023 18:16

Tgt Ion: 75 Resp: 33001
 Ion Ratio Lower Upper
 75 100
 77 161.9 84.5 253.5





#77

Bromobenzene

Concen: 5.297 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

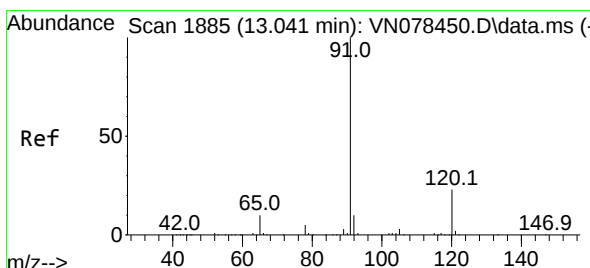
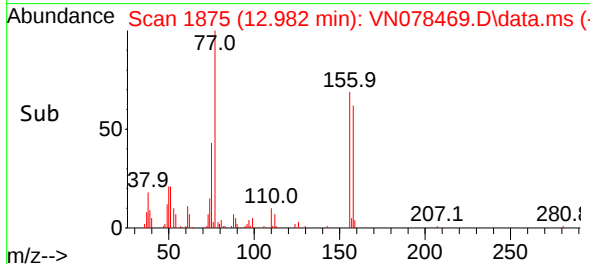
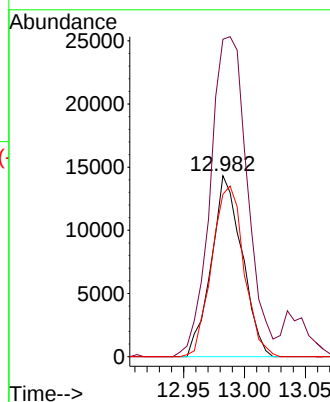
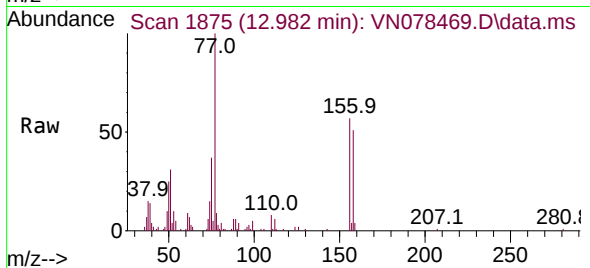
Tgt Ion:156 Resp: 25124

Ion Ratio Lower Upper

156 100

77 212.6 107.7 323.3

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 5.322 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078469.D

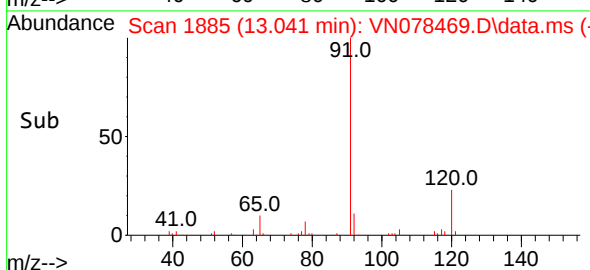
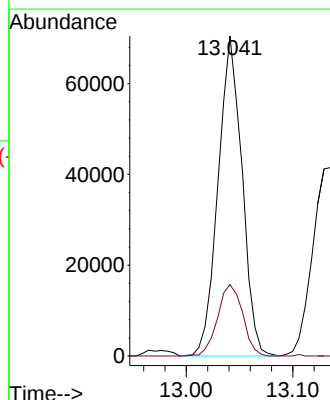
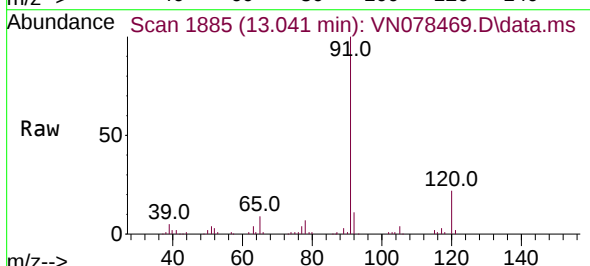
Acq: 11 Jul 2023 18:16

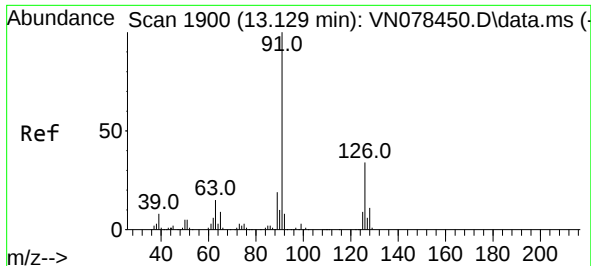
Tgt Ion: 91 Resp: 109911

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

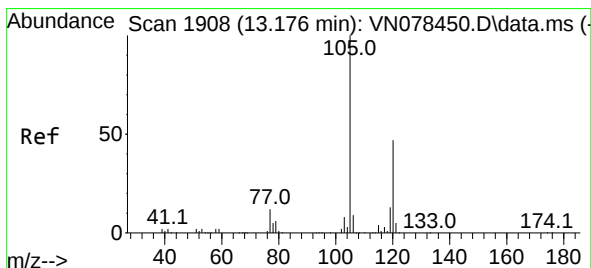
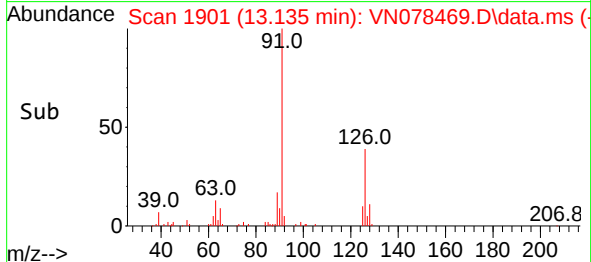
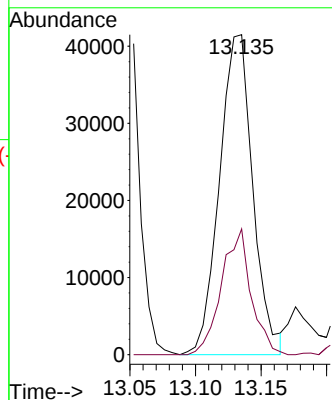
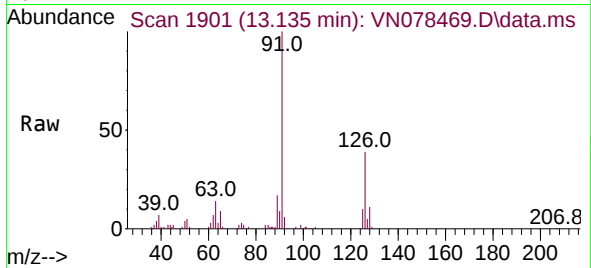




#79
2-Chlorotoluene
Concen: 5.437 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

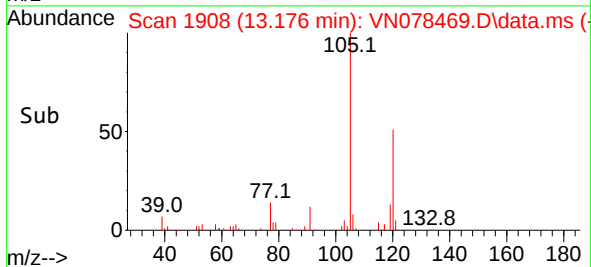
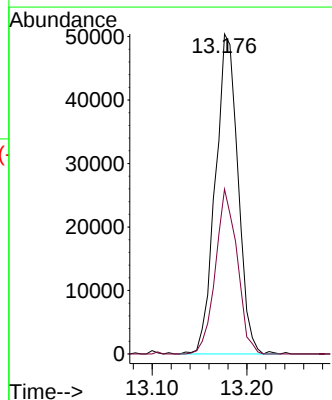
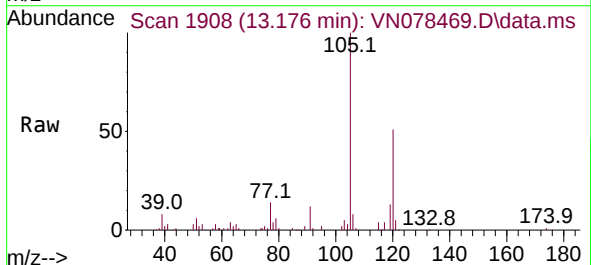
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

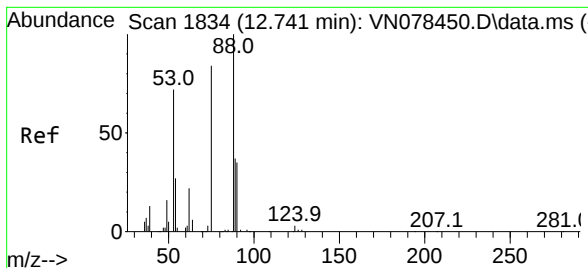
Tgt Ion: 91 Resp: 73552
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 5.479 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 105 Resp: 83604
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3

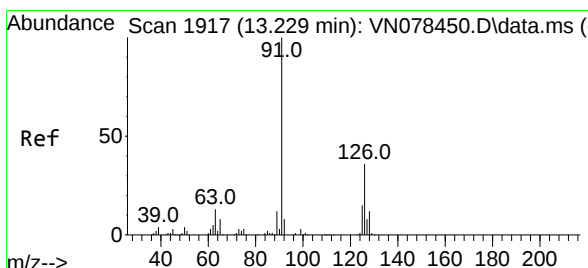
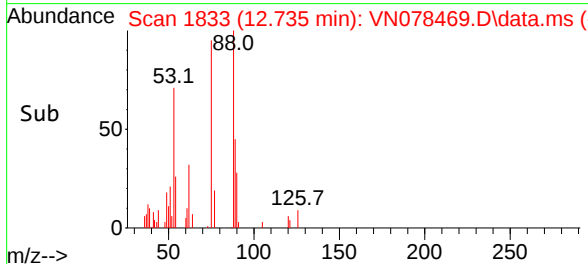
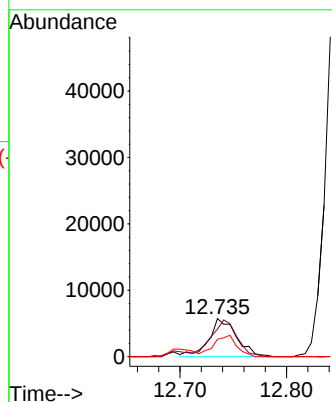
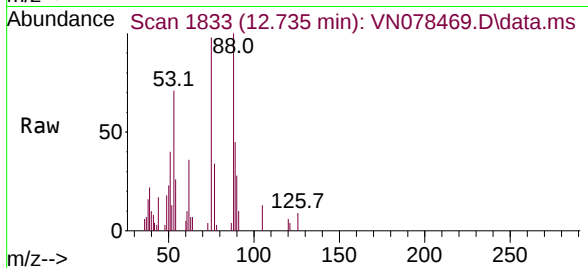




#81
trans-1,4-Dichloro-2-butene
Concen: 5.452 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

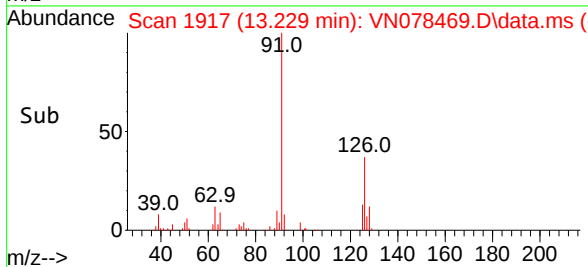
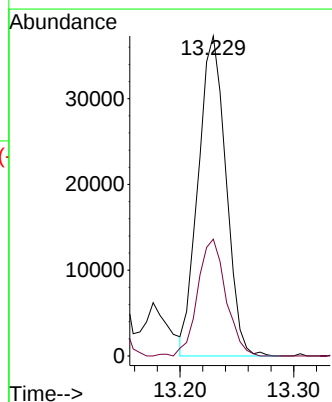
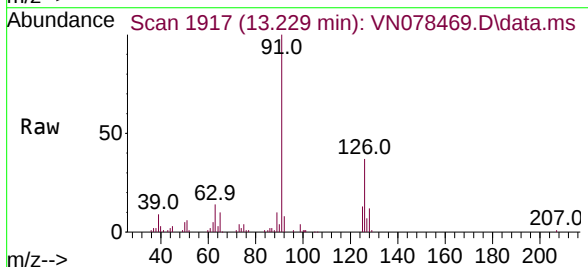
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023

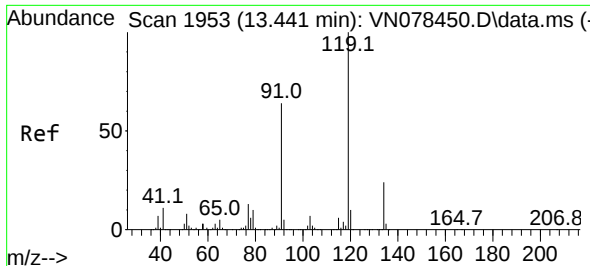
Tgt Ion: 75 Resp: 10307
Ion Ratio Lower Upper
75 100
53 90.4 67.4 101.2
89 46.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 5.009 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion: 91 Resp: 63216
Ion Ratio Lower Upper
91 100
126 37.3 16.7 50.0

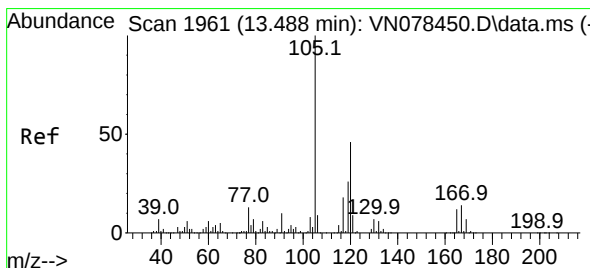
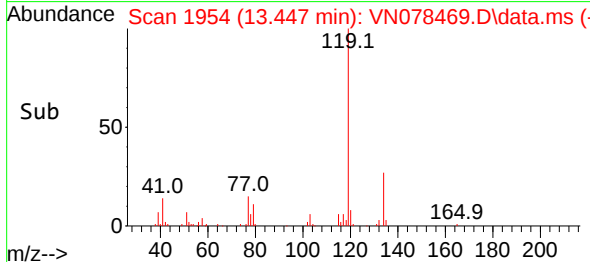
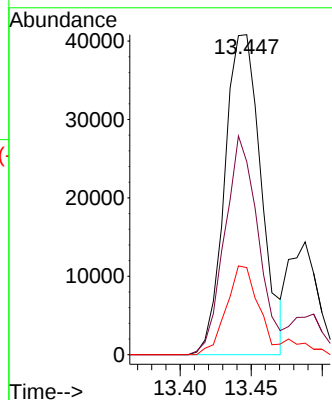
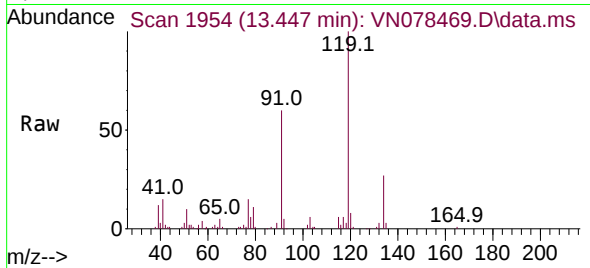




#83
tert-Butylbenzene
Concen: 5.617 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

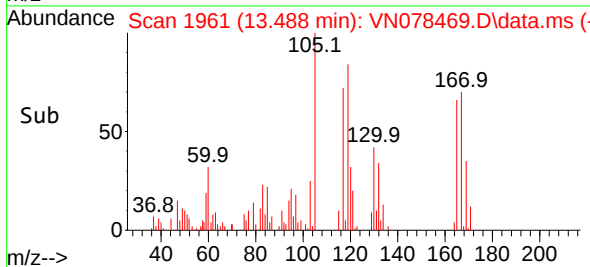
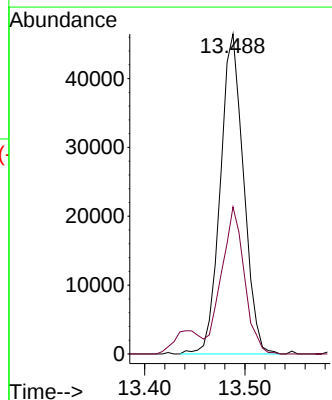
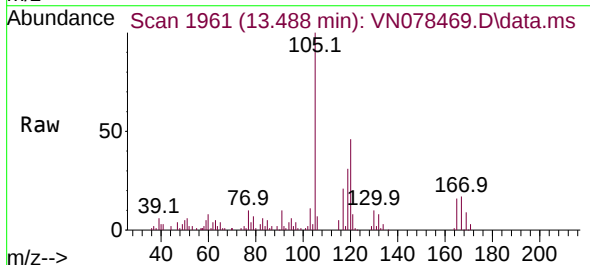
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

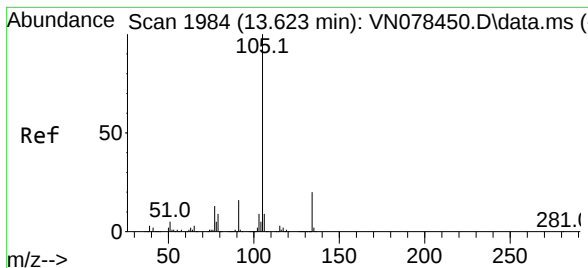
Tgt Ion:119 Resp: 72770
Ion Ratio Lower Upper
119 100
91 62.8 33.9 101.7
134 24.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 5.043 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:105 Resp: 74736
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 5.246 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

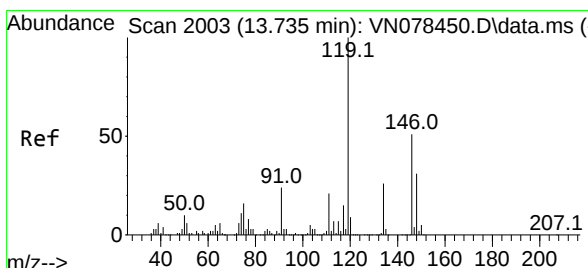
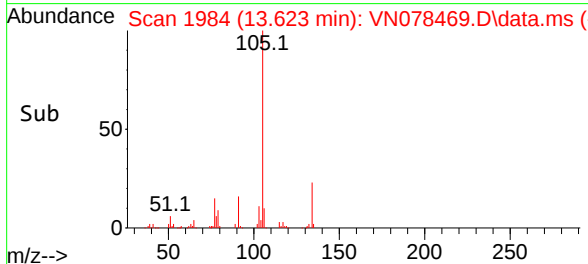
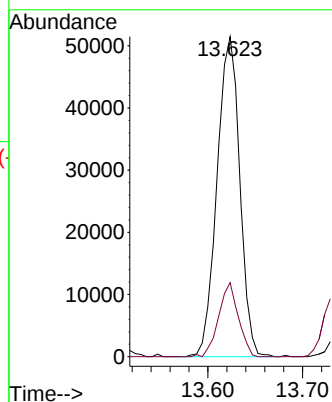
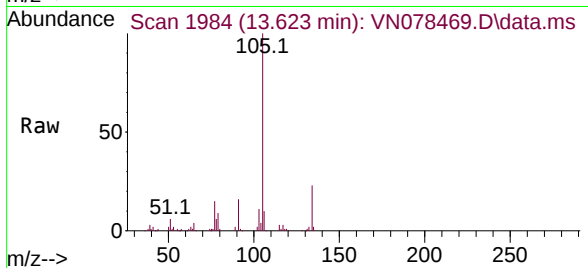
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 85901

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 5.112 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

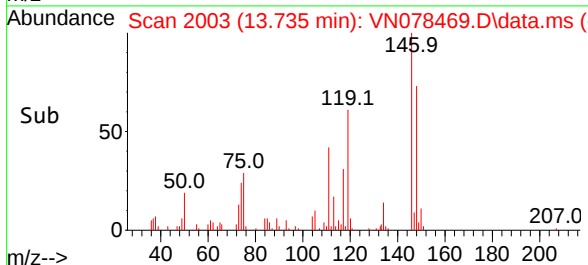
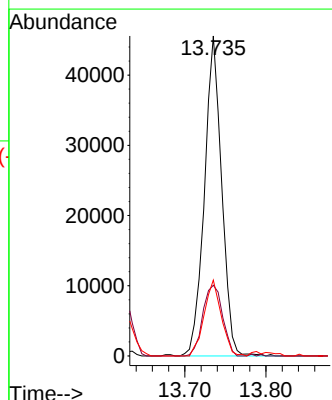
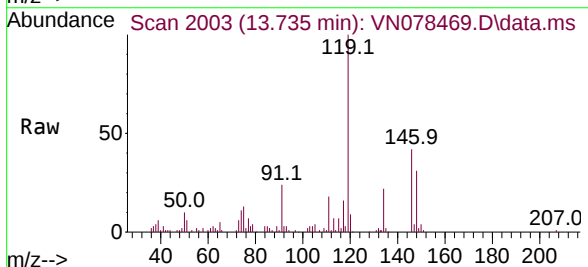
Tgt Ion:119 Resp: 67218

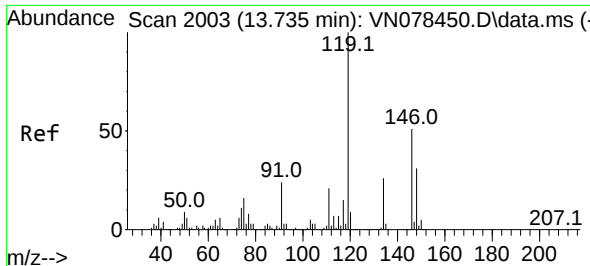
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 23.6 12.4 37.2

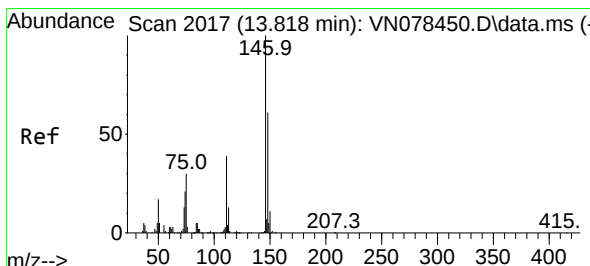
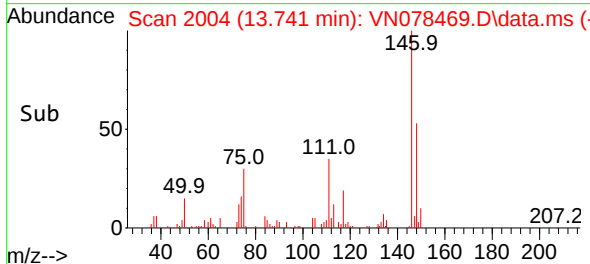
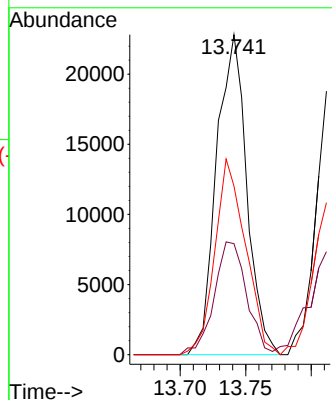
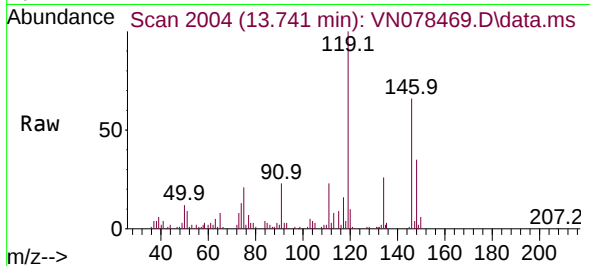




#87
1,3-Dichlorobenzene
Concen: 4.930 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

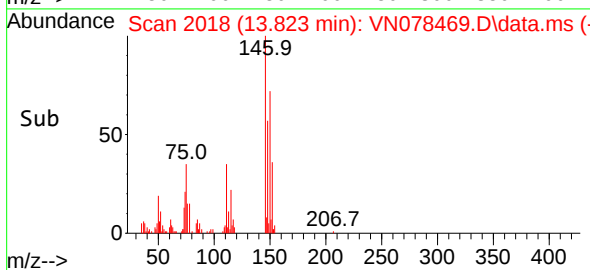
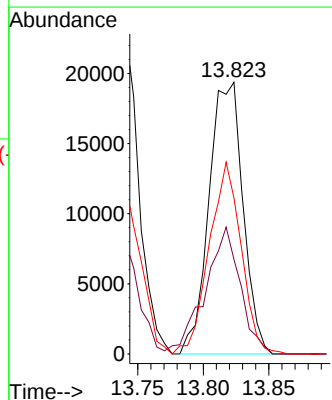
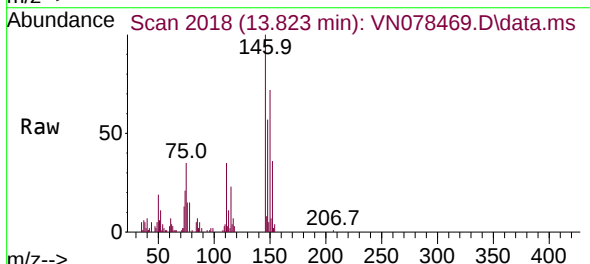
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

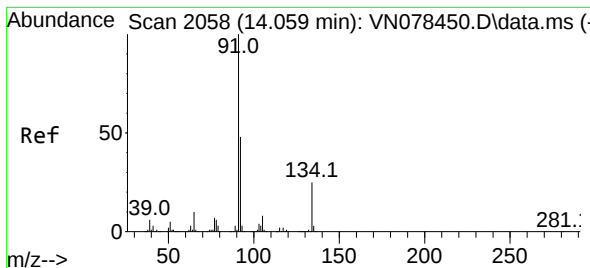
Tgt Ion:146 Resp: 36548
Ion Ratio Lower Upper
146 100
111 37.9 22.1 66.3
148 62.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 4.685 ug/l
RT: 13.823 min Scan# 2018
Delta R.T. 0.005 min
Lab File: VN078469.D
Acq: 11 Jul 2023 18:16

Tgt Ion:146 Resp: 34985
Ion Ratio Lower Upper
146 100
111 48.0 20.6 61.8
148 66.2 31.6 94.8





#89

n-Butylbenzene

Concen: 4.766 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

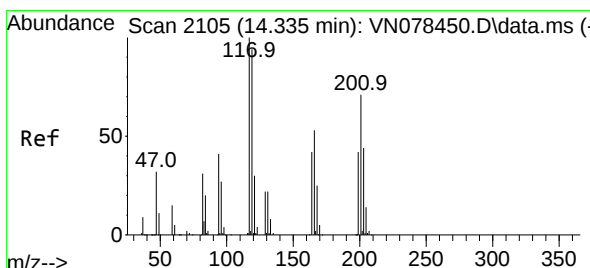
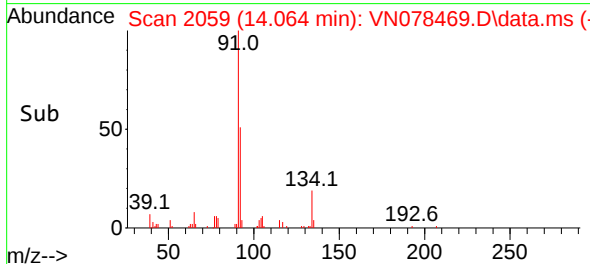
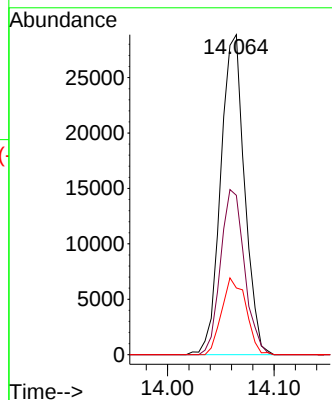
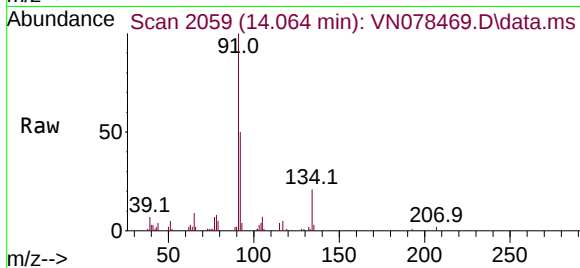
Tgt Ion: 91 Resp: 44832

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 24.5 12.6 37.6



#90

Hexachloroethane

Concen: 5.506 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078469.D

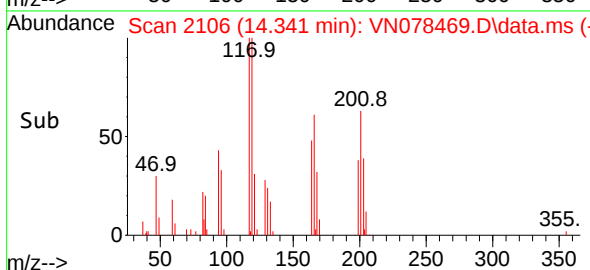
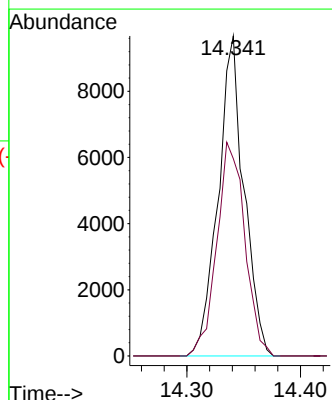
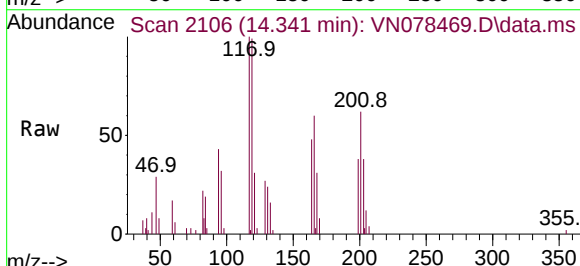
Acq: 11 Jul 2023 18:16

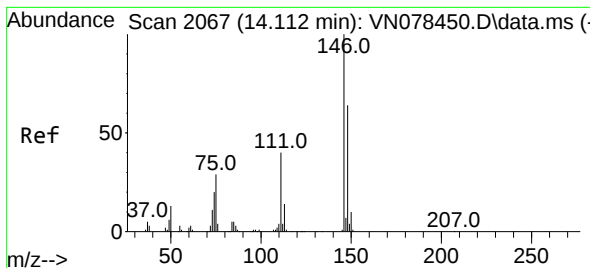
Tgt Ion: 117 Resp: 15300

Ion Ratio Lower Upper

117 100

201 72.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 4.780 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

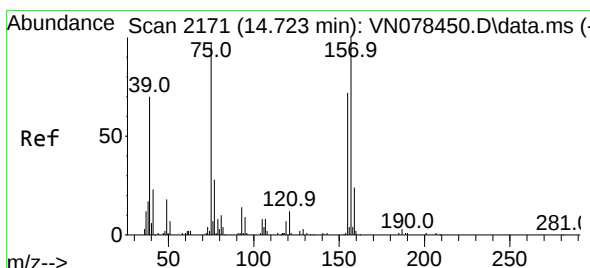
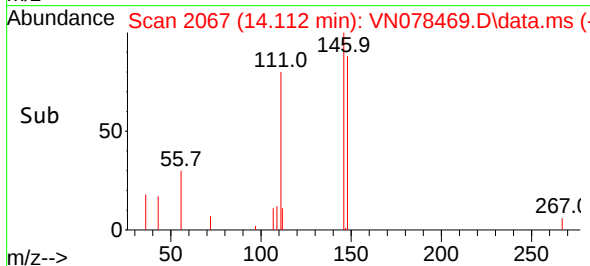
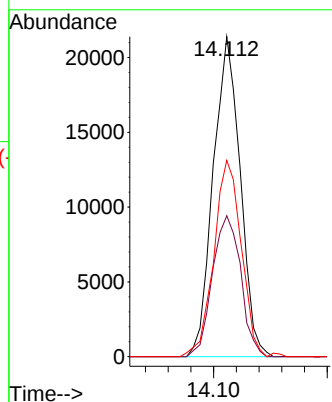
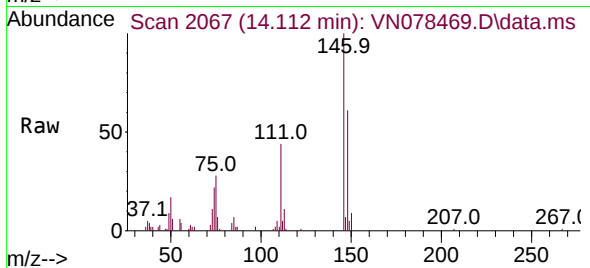
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:146	Resp:	35264
Ion	Ratio	Lower Upper
146	100	
111	46.2	22.0 66.0
148	62.6	31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.048 ug/l

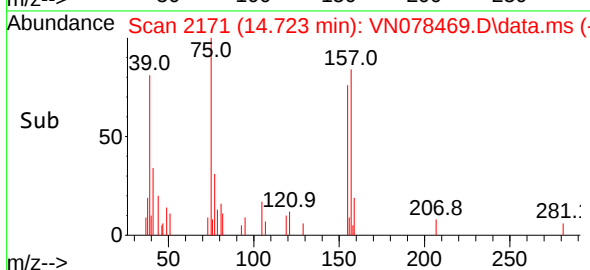
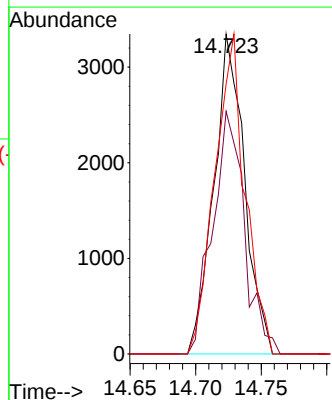
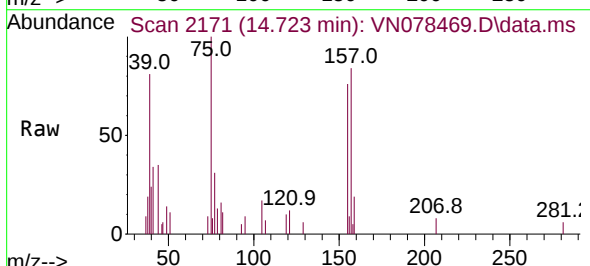
RT: 14.723 min Scan# 2171

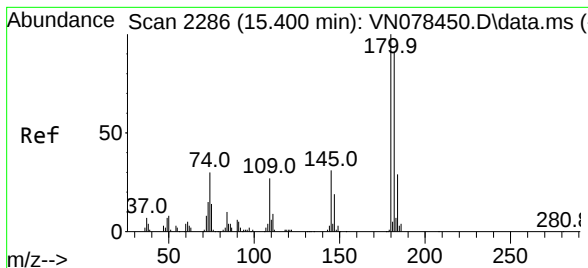
Delta R.T. 0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Tgt Ion: 75	Resp:	5427
Ion	Ratio	Lower Upper
75	100	
155	78.8	39.1 117.2
157	99.0	50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 2.894 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

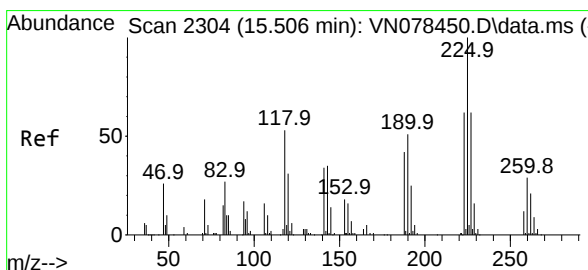
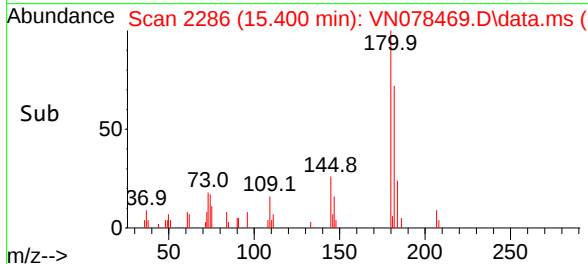
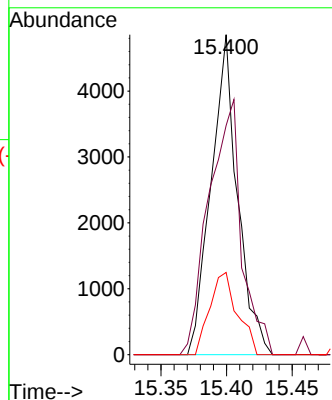
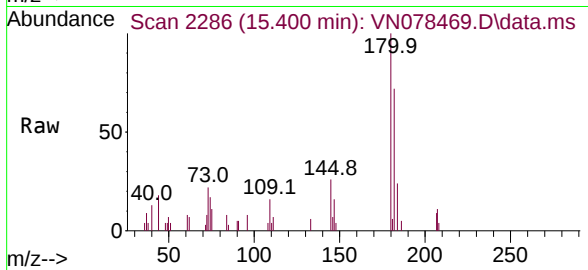
Tgt Ion:180 Resp: 6815

Ion Ratio Lower Upper

180 100

182 98.5 46.1 138.2

145 26.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 4.328 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

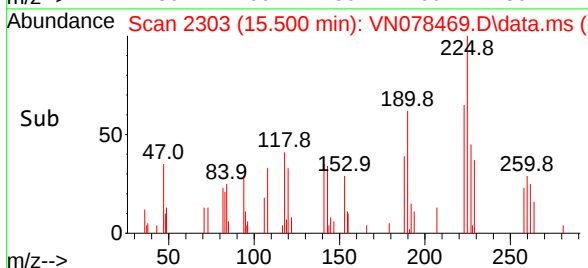
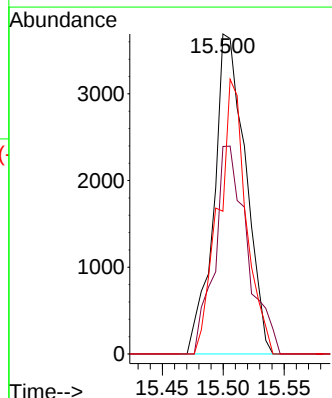
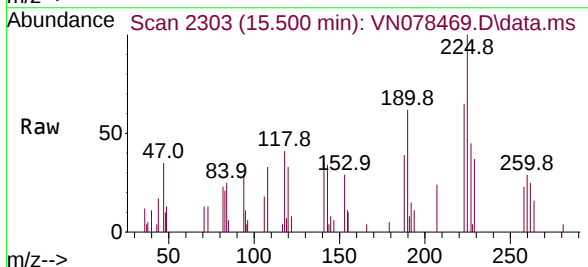
Tgt Ion:225 Resp: 6669

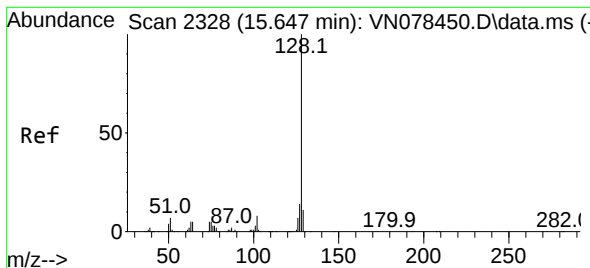
Ion Ratio Lower Upper

225 100

223 66.9 31.3 93.8

227 75.5 31.9 95.9





#95

Naphthalene

Concen: 2.783 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

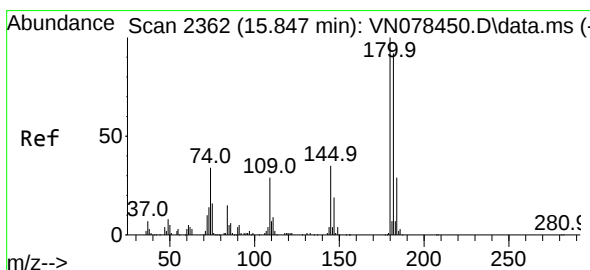
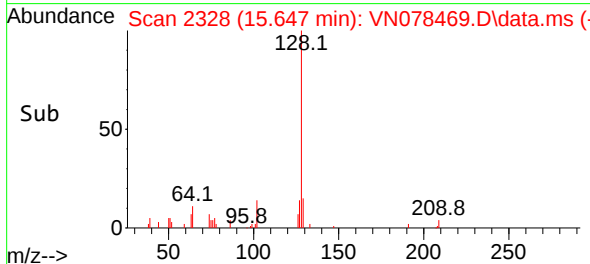
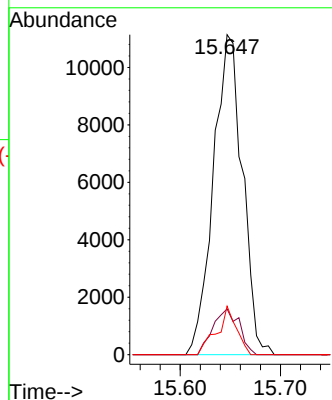
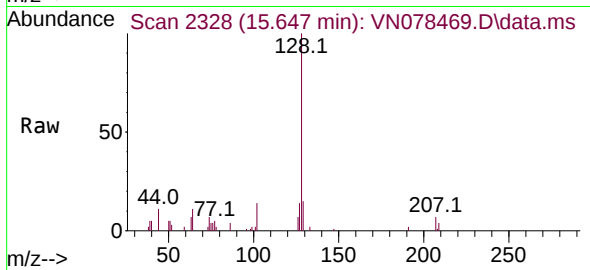
Tgt Ion:128 Resp: 22404

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 3.230 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078469.D

Acq: 11 Jul 2023 18:16

Tgt Ion:180 Resp: 8745

Ion Ratio Lower Upper

180 100

182 81.4 46.2 138.6

145 26.8 17.5 52.6

