

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080821.D
 Acq On : 30 Jan 2024 17:59
 Operator : JC\MD
 Sample : P1187-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 31 03:15:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	104864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	218891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	185671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	100807	55.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.140%	
35) Dibromofluoromethane	8.165	113	69825	52.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.280%	
50) Toluene-d8	10.565	98	272263	51.944	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.847	95	88973	48.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	7988	5.129	ug/l	93
3) Chloromethane	2.365	50	14576	6.226	ug/l	93
4) Vinyl Chloride	2.512	62	9010	5.062	ug/l #	63
5) Bromomethane	2.942	94	4731	6.645	ug/l	99
6) Chloroethane	3.124	64	6952	7.326	ug/l #	83
7) Trichlorofluoromethane	3.500	101	11951	5.188	ug/l	88
8) Diethyl Ether	3.953	74	6210	5.844	ug/l	51
9) 1,1,2-Trichlorotrifluo...	4.365	101	7532	5.607	ug/l #	80
10) Methyl Iodide	4.577	142	5710	5.035	ug/l #	82
11) Tert butyl alcohol	5.518	59	9115	30.823	ug/l	99
12) 1,1-Dichloroethene	4.336	96	8216	5.582	ug/l	84
13) Acrolein	4.171	56	6054	16.234	ug/l #	31
14) Allyl chloride	5.018	41	15494	5.325	ug/l	94
15) Acrylonitrile	5.718	53	24754	27.833	ug/l	95
16) Acetone	4.430	43	22091	33.576	ug/l	93
17) Carbon Disulfide	4.706	76	23150	5.052	ug/l #	69
18) Methyl Acetate	5.030	43	21335	9.305	ug/l #	78
19) Methyl tert-butyl Ether	5.794	73	28678	5.529	ug/l	93
20) Methylene Chloride	5.271	84	6479	3.751	ug/l #	87
21) trans-1,2-Dichloroethene	5.777	96	9407	5.883	ug/l	95
22) Diisopropyl ether	6.671	45	34863	5.431	ug/l #	90
23) Vinyl Acetate	6.606	43	104275	22.450	ug/l	97
24) 1,1-Dichloroethane	6.571	63	17744	5.450	ug/l #	92
25) 2-Butanone	7.483	43	35011	28.016	ug/l	97
26) 2,2-Dichloropropane	7.488	77	13591	5.165	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	10228	5.525	ug/l	97
28) Bromochloromethane	7.812	49	9671	5.611	ug/l #	92
29) Tetrahydrofuran	7.835	42	22447	26.545	ug/l	96
30) Chloroform	7.971	83	16809	5.557	ug/l	91
31) Cyclohexane	8.247	56	19710	6.336	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	12783	5.212	ug/l	90
36) 1,1-Dichloropropene	8.371	75	12642	5.079	ug/l	98
37) Ethyl Acetate	7.559	43	13962	5.449	ug/l #	93
38) Carbon Tetrachloride	8.359	117	10681	5.326	ug/l #	92
39) Methylcyclohexane	9.606	83	11748	4.748	ug/l #	93
40) Benzene	8.606	78	40343	5.515	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	7260	4.807	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	13450	5.643	ug/l	91
43) Isopropyl Acetate	8.694	43	26319	5.642	ug/l	96
44) Trichloroethene	9.347	130	8299	5.150	ug/l	91
45) 1,2-Dichloropropane	9.624	63	11575	5.847	ug/l	98
46) Dibromomethane	9.712	93	6423	5.473	ug/l	93
47) Bromodichloromethane	9.894	83	13031	5.469	ug/l #	89
48) Methyl methacrylate	9.682	41	12961	5.731	ug/l	96
49) 1,4-Dioxane	9.700	88	3230	118.565	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	68381	26.221	ug/l	100
52) Toluene	10.629	92	22307	5.318	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	12337	4.444	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	15106	5.004	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	8708	5.402	ug/l #	91
56) Ethyl methacrylate	10.876	69	10805	4.360	ug/l	95
57) 1,3-Dichloropropane	11.165	76	16152	5.324	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.165	63	37187	25.741	ug/l	99
59) 2-Hexanone	11.194	43	52674	26.002	ug/l	93
60) Dibromochloromethane	11.359	129	7710	5.142	ug/l	99
61) 1,2-Dibromoethane	11.471	107	8128	5.380	ug/l	90
64) Tetrachloroethene	11.106	164	7090	5.810	ug/l	93
65) Chlorobenzene	11.888	112	21352	5.269	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	6494	4.928	ug/l	88
67) Ethyl Benzene	11.965	91	41081	5.454	ug/l	95
68) m/p-Xylenes	12.070	106	29226	10.927	ug/l	94
69) o-Xylene	12.400	106	13972	5.257	ug/l	96
70) Styrene	12.412	104	20097	4.708	ug/l	98
71) Bromoform	12.582	173	4777	5.361	ug/l #	84
73) Isopropylbenzene	12.700	105	31682	5.058	ug/l	96
74) N-amyl acetate	12.494	43	20795	5.348	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	12753	5.789	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	15200	7.369	ug/l	62
77) Bromobenzene	12.982	156	7286	5.442	ug/l	95
78) n-propylbenzene	13.035	91	40931	5.470	ug/l	95
79) 2-Chlorotoluene	13.129	91	24354	5.121	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	27811	5.576	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	3345	4.178	ug/l #	71
82) 4-Chlorotoluene	13.223	91	24694	5.244	ug/l	92
83) tert-Butylbenzene	13.435	119	21557	5.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	24361	4.820	ug/l	88
85) sec-Butylbenzene	13.617	105	28937	4.928	ug/l	98
86) p-Isopropyltoluene	13.729	119	23398	5.127	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	12357	5.160	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	12000	4.998	ug/l	85
89) n-Butylbenzene	14.059	91	21743	4.869	ug/l	96
90) Hexachloroethane	14.341	117	4123	5.163	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	12058	5.501	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2063	5.010	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	5348	4.741	ug/l	95
94) Hexachlorobutadiene	15.511	225	2224	4.512	ug/l	85
95) Naphthalene	15.641	128	19259	4.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	5900	5.321	ug/l	84

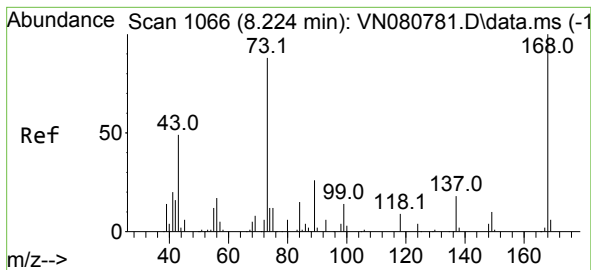
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

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Instrument :

MSVOA_N

ClientSampleId :

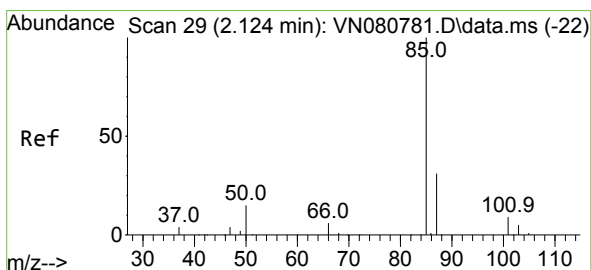
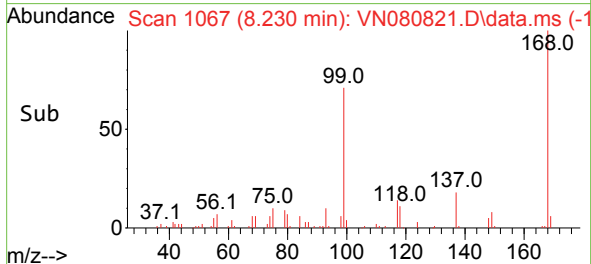
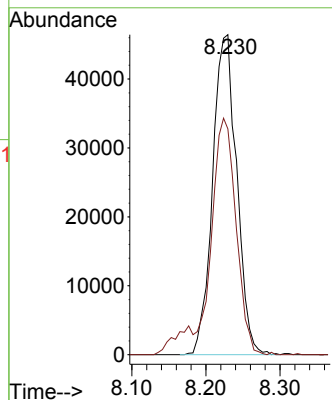
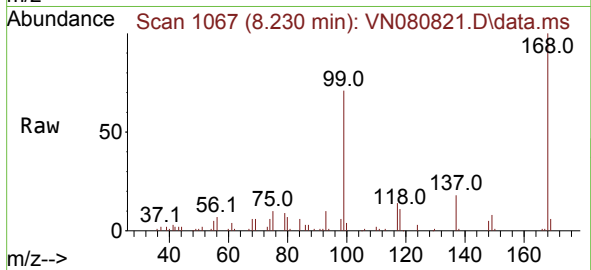
LOQ-WATER-02-QT1-2024

Tgt Ion:168 Resp: 104864

Ion Ratio Lower Upper

168 100

99 70.6 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 5.129 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080821.D

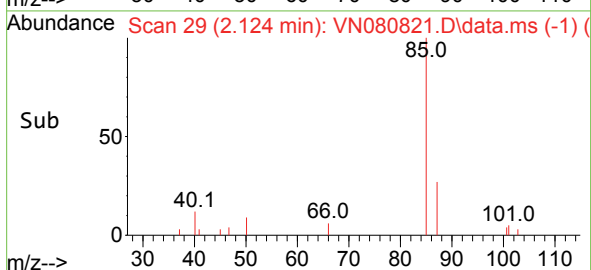
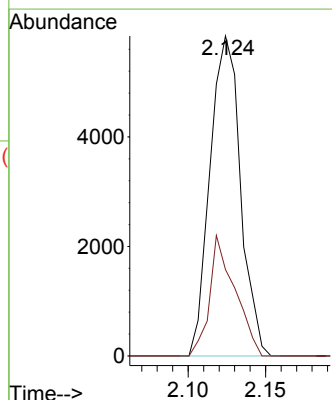
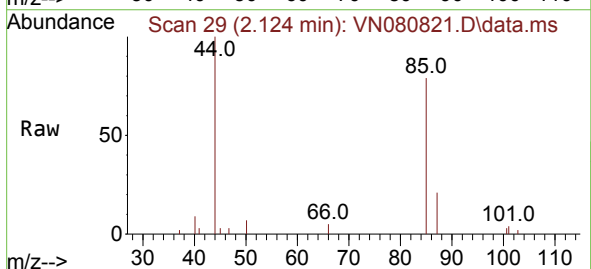
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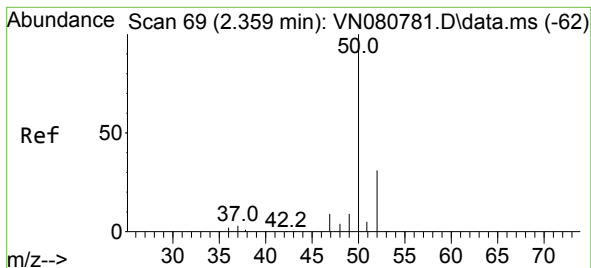
Tgt Ion: 85 Resp: 7988

Ion Ratio Lower Upper

85 100

87 27.0 15.3 45.9





#3

Chloromethane

Concen: 6.226 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

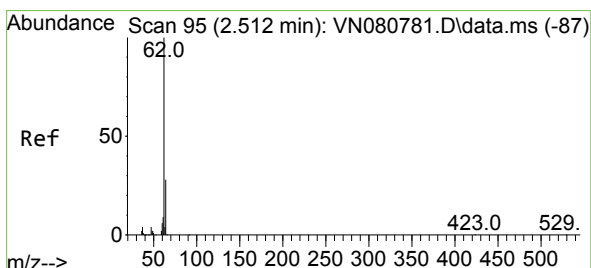
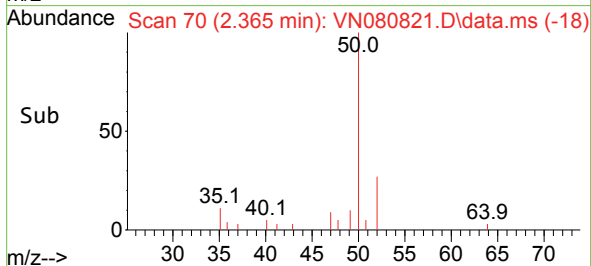
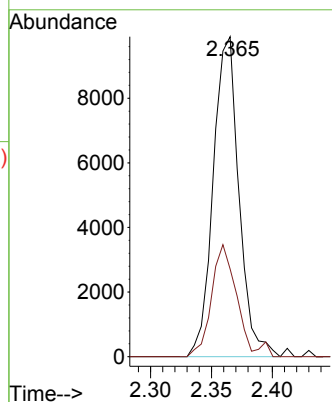
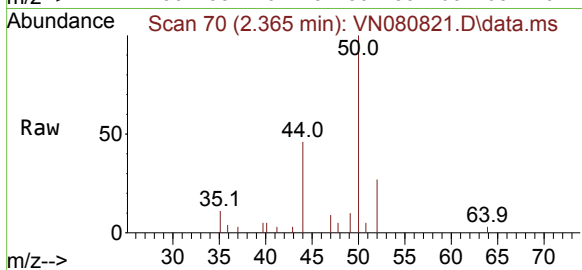
LOQ-WATER-02-QT1-2024

Tgt Ion: 50 Resp: 14576

Ion Ratio Lower Upper

50 100

52 27.4 25.0 37.4



#4

Vinyl Chloride

Concen: 5.062 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080821.D

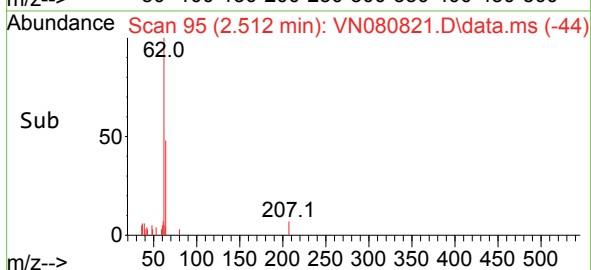
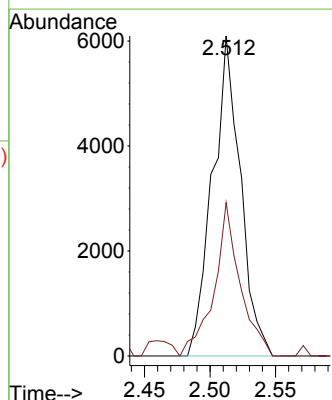
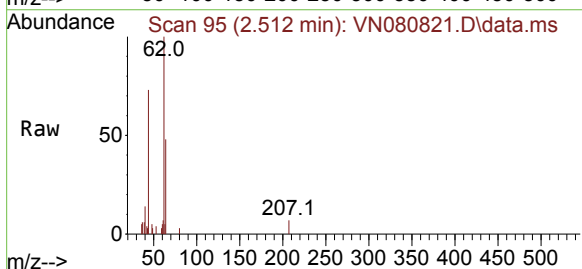
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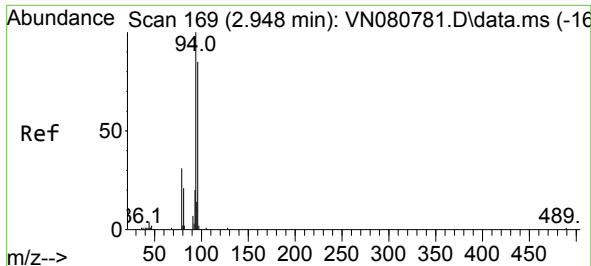
Tgt Ion: 62 Resp: 9010

Ion Ratio Lower Upper

62 100

64 47.9 22.7 34.1#

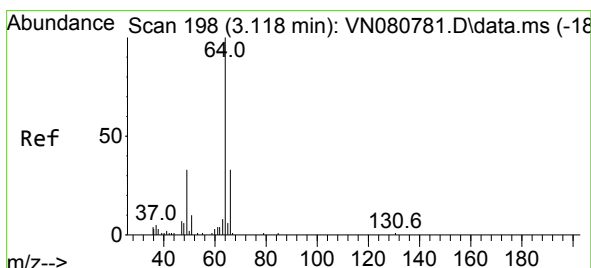
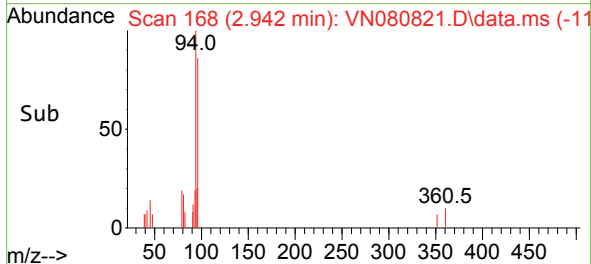
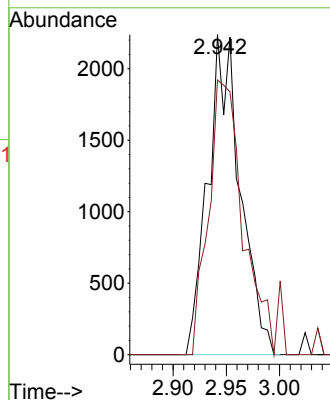
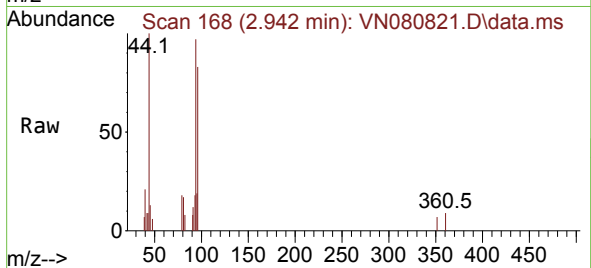




#5
Bromomethane
Concen: 6.645 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
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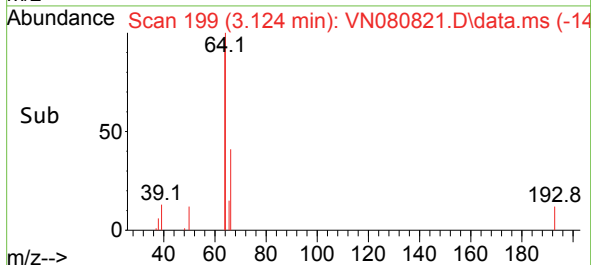
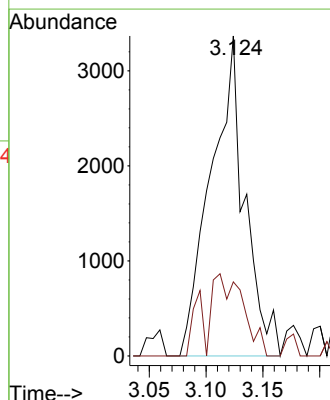
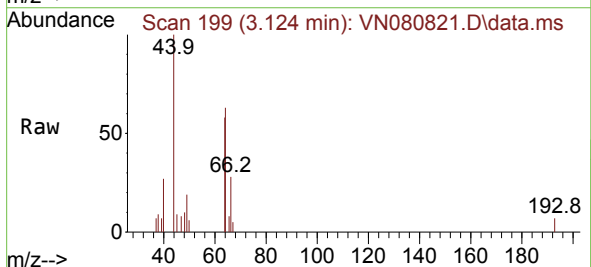
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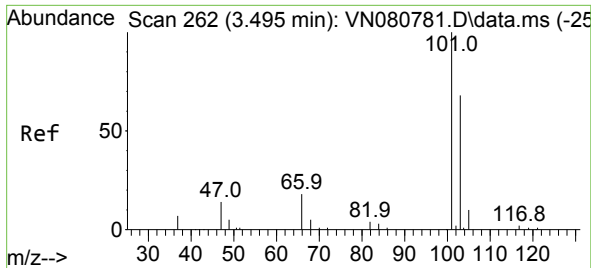
Tgt Ion: 94 Resp: 4731
Ion Ratio Lower Upper
94 100
96 85.8 69.2 103.8



#6
Chloroethane
Concen: 7.326 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 64 Resp: 6952
Ion Ratio Lower Upper
64 100
66 23.2 26.4 39.6#

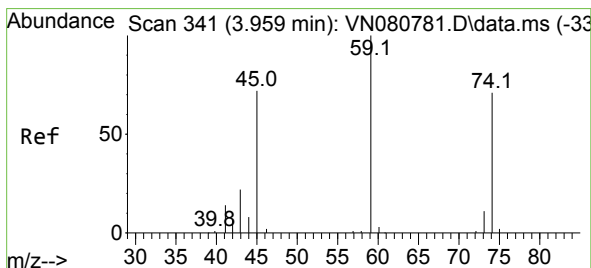
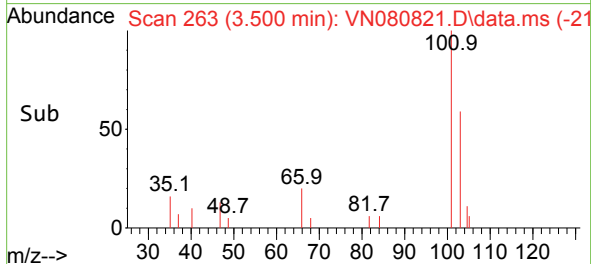
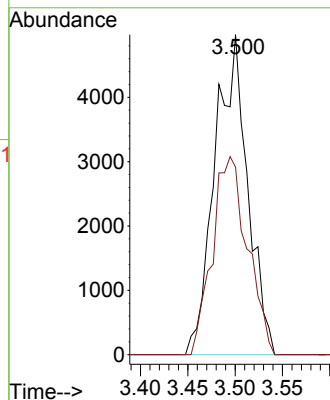
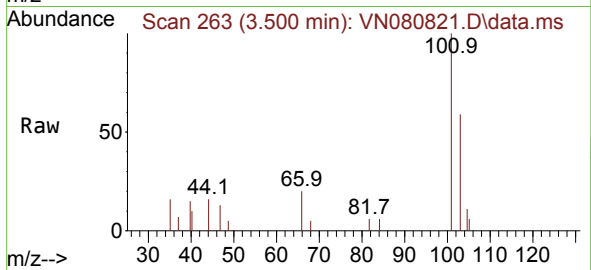




#7
 Trichlorofluoromethane
 Concen: 5.188 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

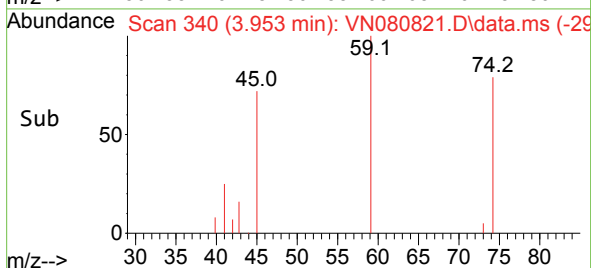
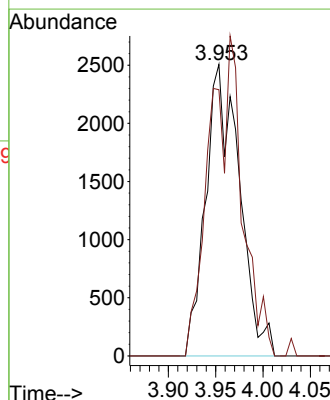
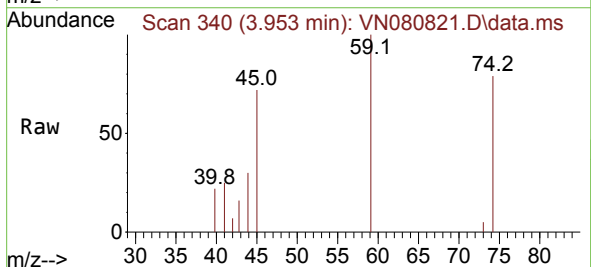
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 LOQ-WATER-02-QT1-2024

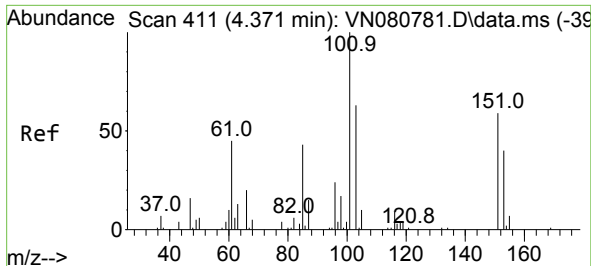
Tgt Ion:101 Resp: 11951
 Ion Ratio Lower Upper
 101 100
 103 58.6 54.4 81.6



#8
 Diethyl Ether
 Concen: 5.844 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

Tgt Ion: 74 Resp: 6210
 Ion Ratio Lower Upper
 74 100
 45 56.1 53.3 159.9

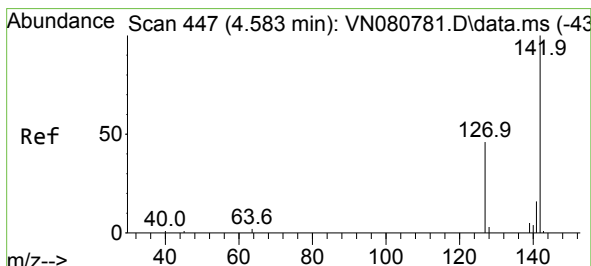
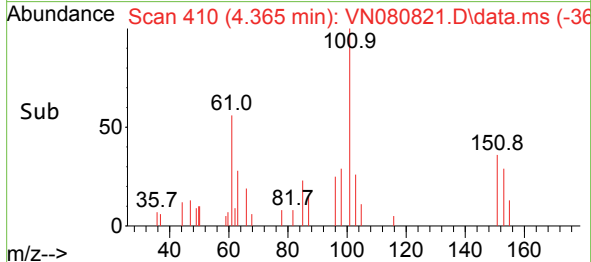
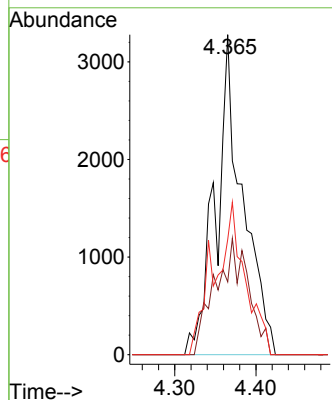
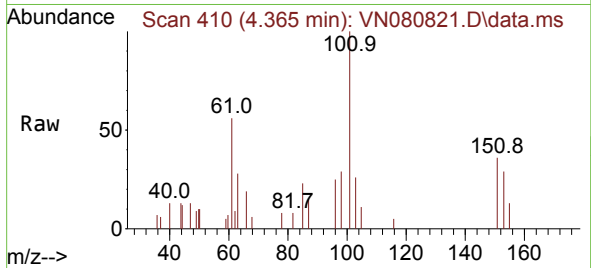




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.607 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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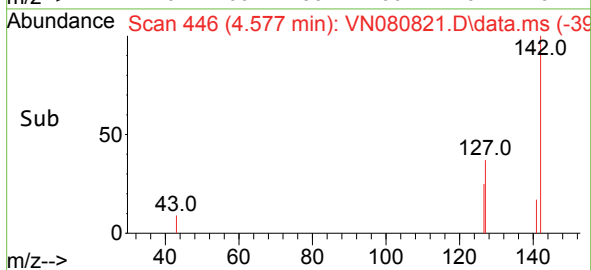
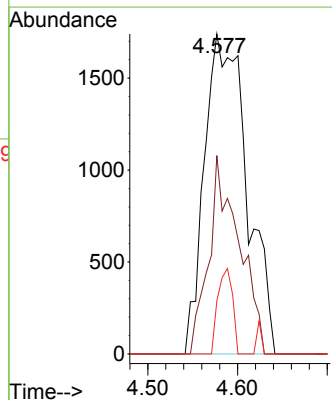
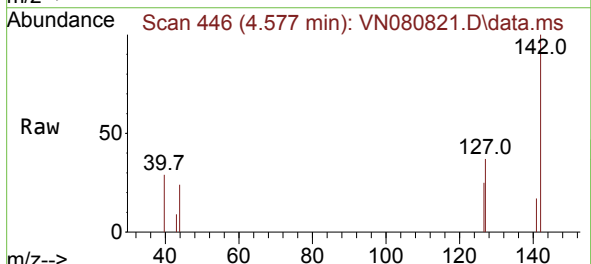
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

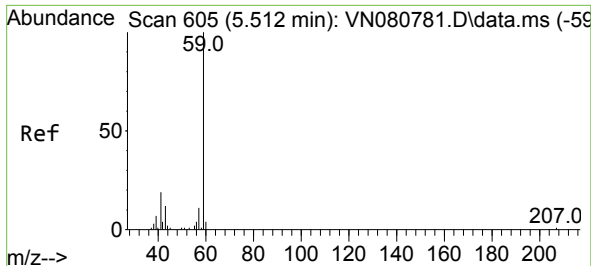
Tgt Ion:101 Resp: 7532
Ion Ratio Lower Upper
101 100
85 44.8 38.1 57.1
151 36.9 49.1 73.7#



#10
Methyl Iodide
Concen: 5.035 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:142 Resp: 5710
Ion Ratio Lower Upper
142 100
127 62.0 37.0 55.4#
141 16.6 12.5 18.7

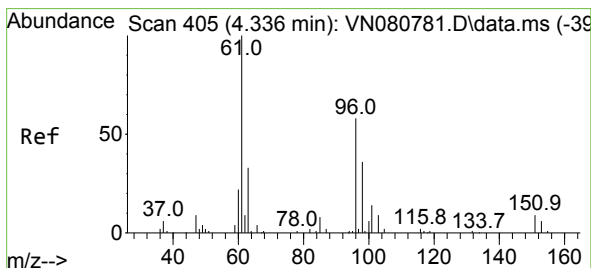
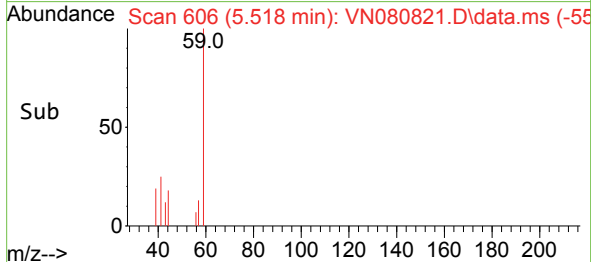
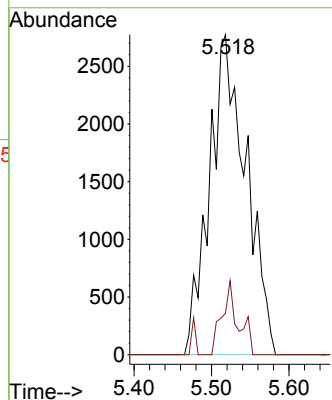
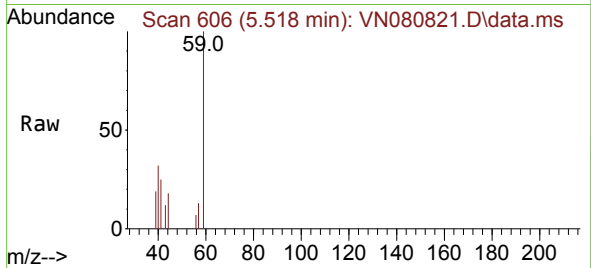




#11
Tert butyl alcohol
Concen: 30.823 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

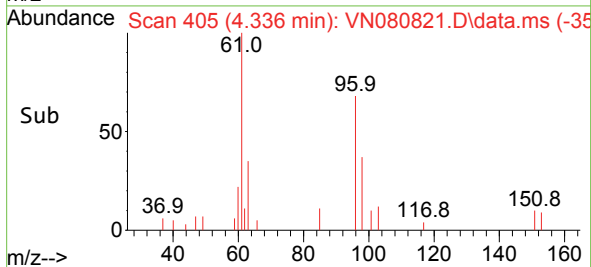
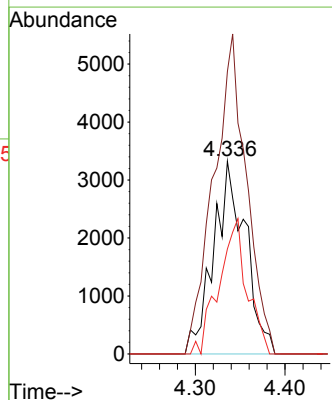
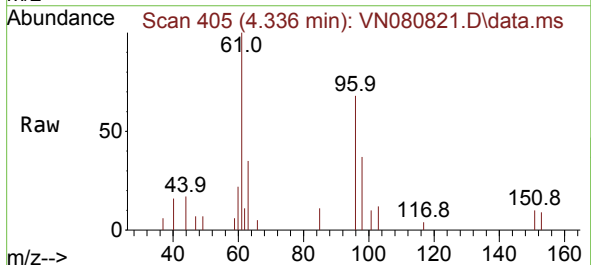
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024

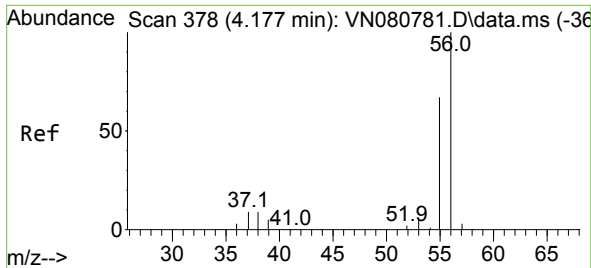
Tgt Ion: 59 Resp: 9115
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 5.582 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 96 Resp: 8216
Ion Ratio Lower Upper
96 100
61 146.4 138.2 207.4
98 54.4 49.2 73.8

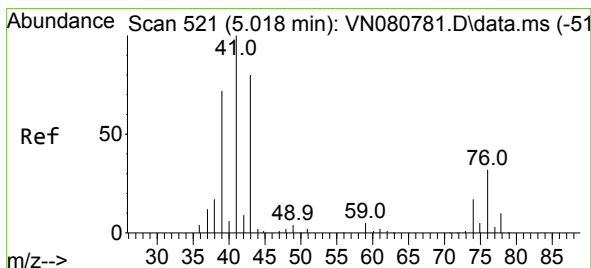
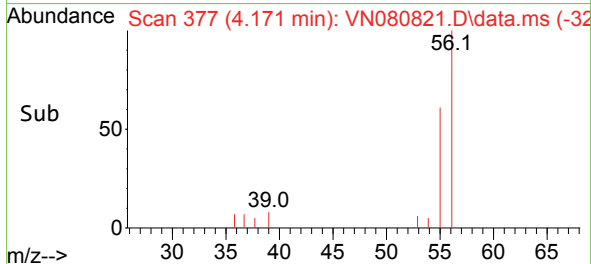
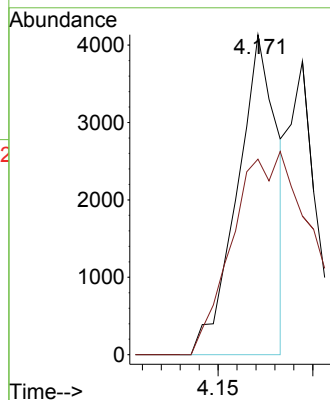
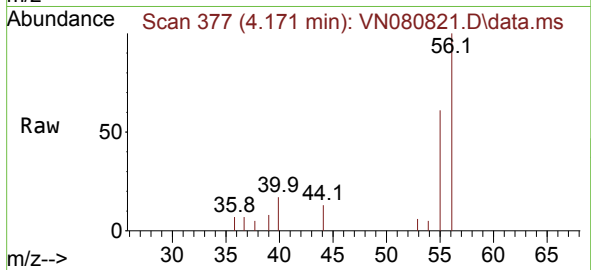




#13
Acrolein
Concen: 16.234 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

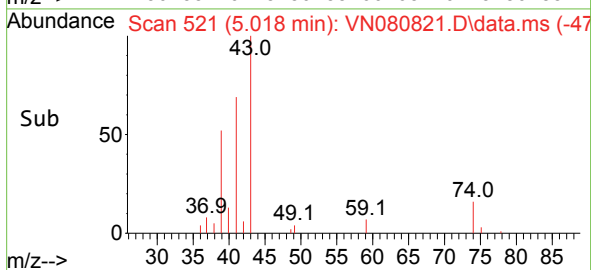
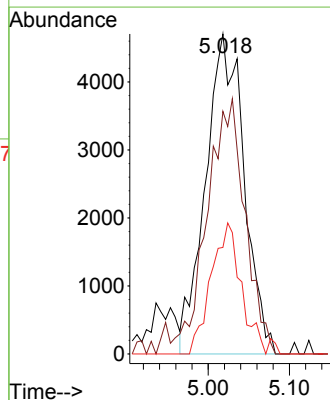
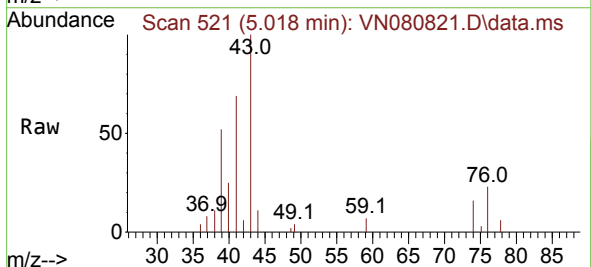
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

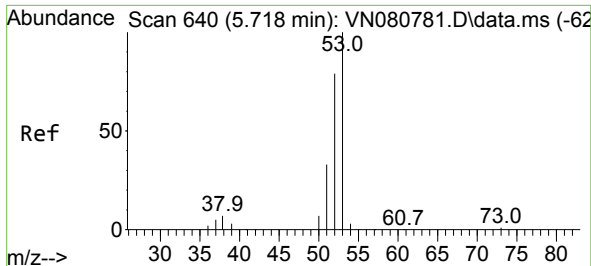
Tgt Ion: 56 Resp: 6054
Ion Ratio Lower Upper
56 100
55 125.4 55.3 82.9#



#14
Allyl chloride
Concen: 5.325 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 41 Resp: 15494
Ion Ratio Lower Upper
41 100
39 78.2 57.7 86.5
76 31.9 26.8 40.2

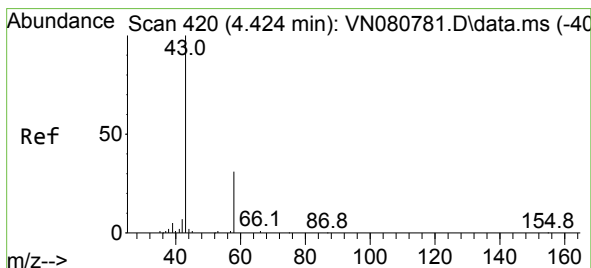
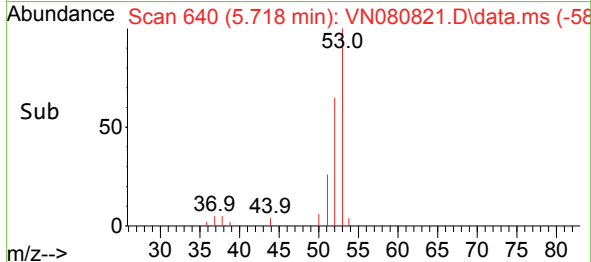
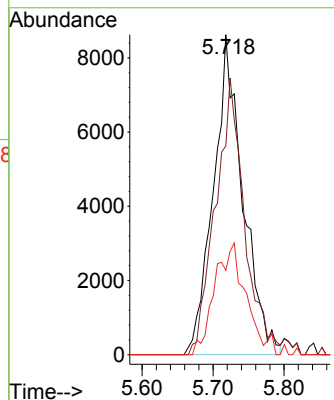
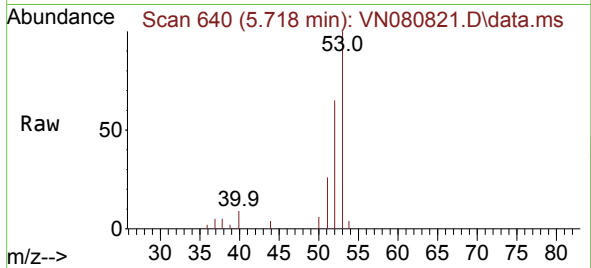




#15
Acrylonitrile
Concen: 27.833 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

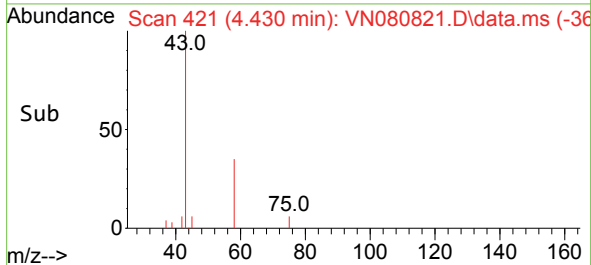
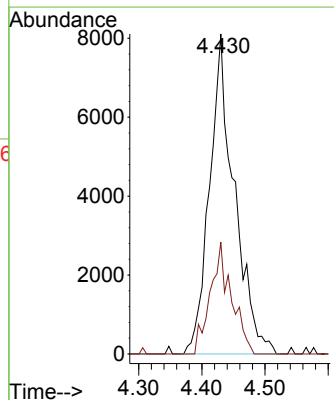
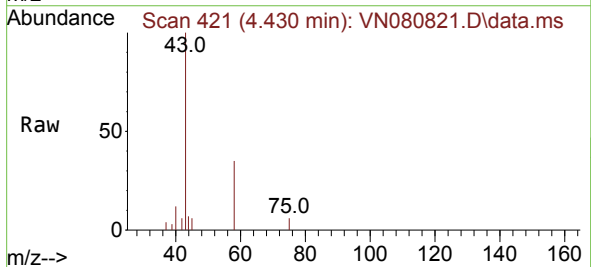
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

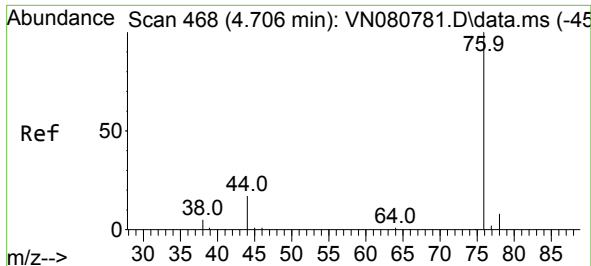
Tgt Ion:	53	Resp:	24754
Ion	Ratio	Lower	Upper
53	100		
52	85.1	64.8	97.2
51	37.4	26.9	40.3



#16
Acetone
Concen: 33.576 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:	43	Resp:	22091
Ion	Ratio	Lower	Upper
43	100		
58	34.9	24.8	37.2

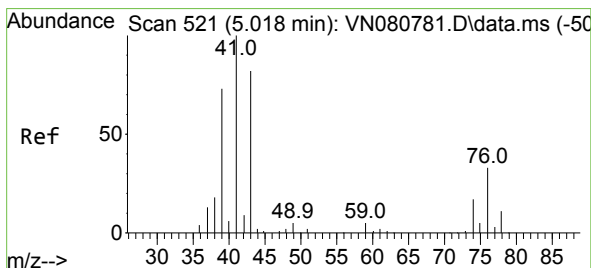
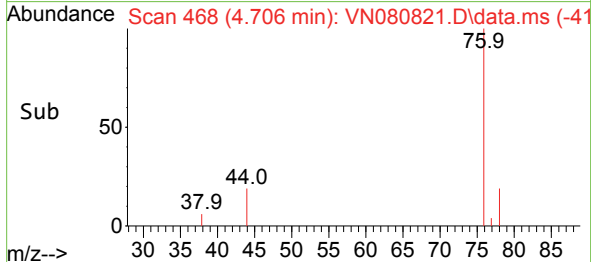
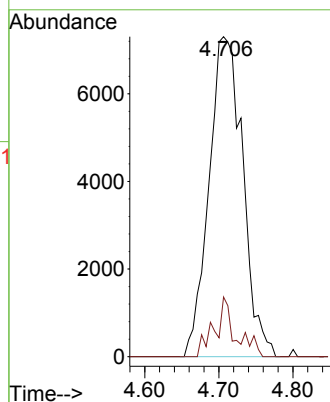
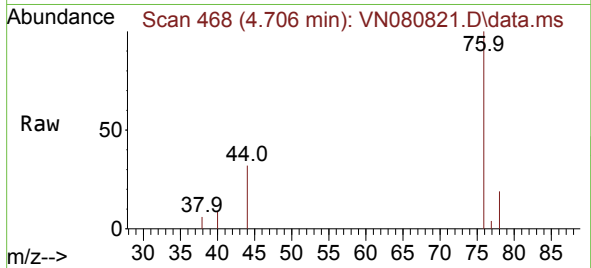




#17
Carbon Disulfide
Concen: 5.052 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

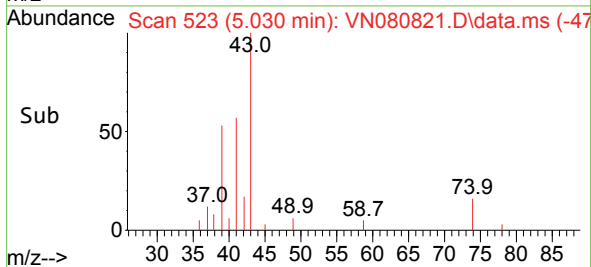
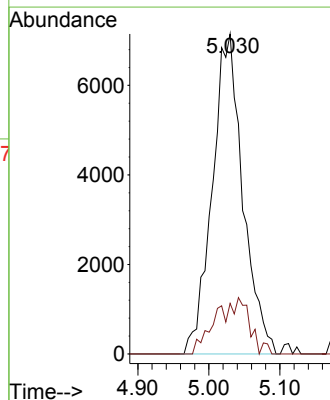
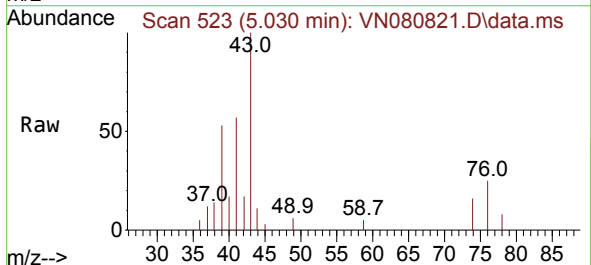
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

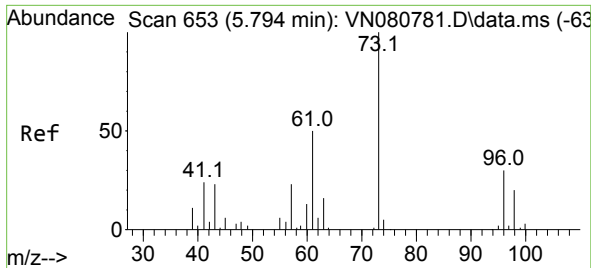
Tgt Ion: 76 Resp: 23150
Ion Ratio Lower Upper
76 100
78 18.7 6.3 9.5#



#18
Methyl Acetate
Concen: 9.305 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 43 Resp: 21335
Ion Ratio Lower Upper
43 100
74 11.4 17.3 25.9#

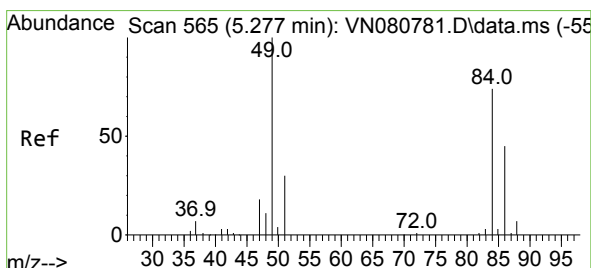
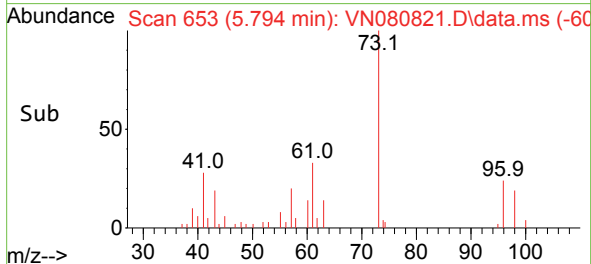
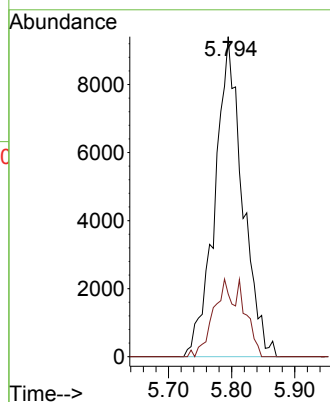
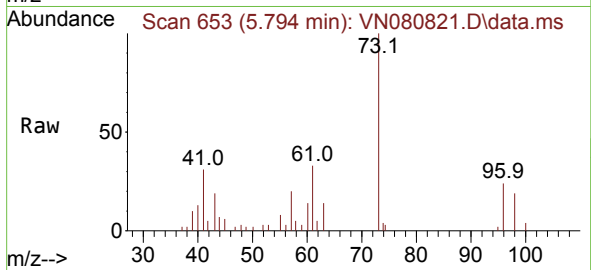




#19
Methyl tert-butyl Ether
Concen: 5.529 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

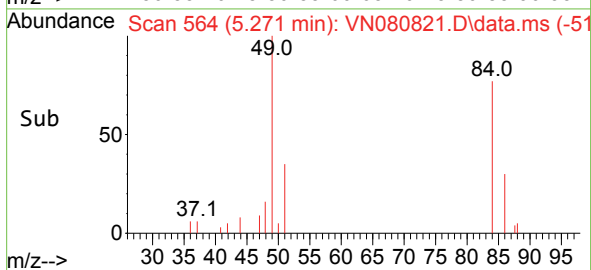
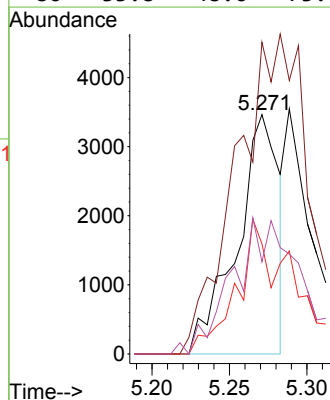
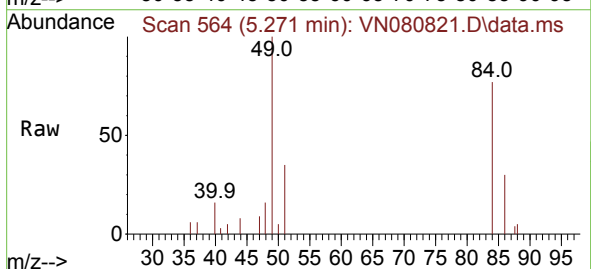
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

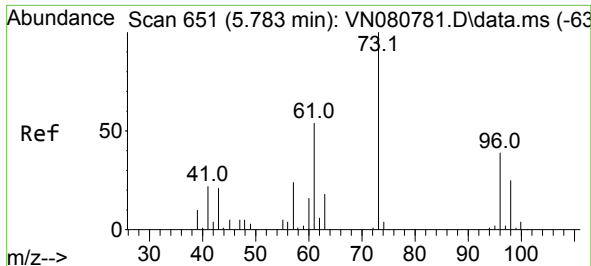
Tgt Ion: 73 Resp: 28678
Ion Ratio Lower Upper
73 100
57 19.6 18.2 27.4



#20
Methylene Chloride
Concen: 3.751 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 84 Resp: 6479
Ion Ratio Lower Upper
84 100
49 130.2 108.1 162.1
51 46.0 32.9 49.3
86 33.8 48.6 73.0#

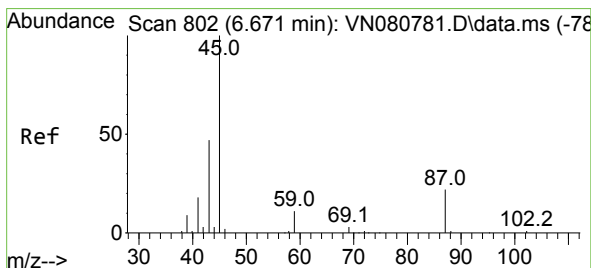
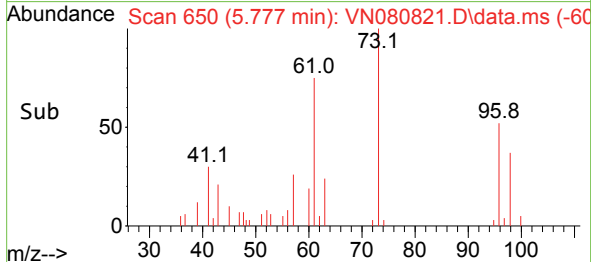
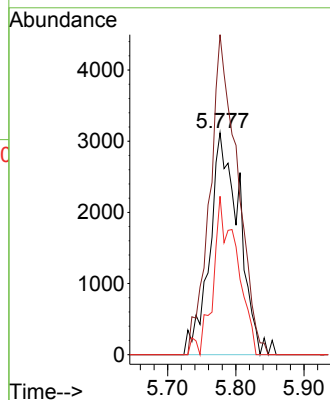
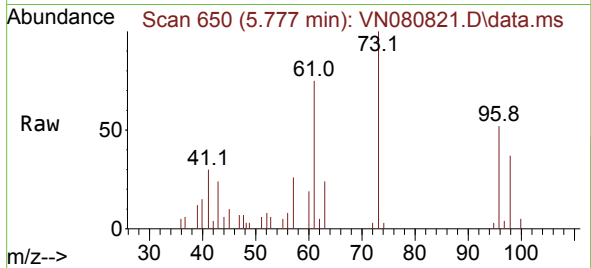




#21
trans-1,2-Dichloroethene
Concen: 5.883 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

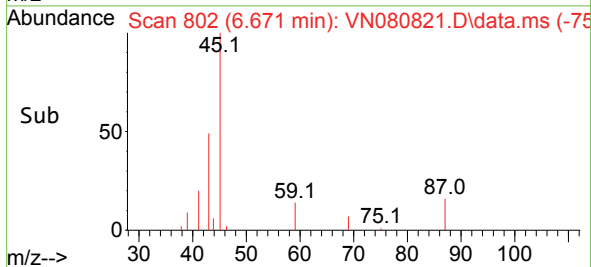
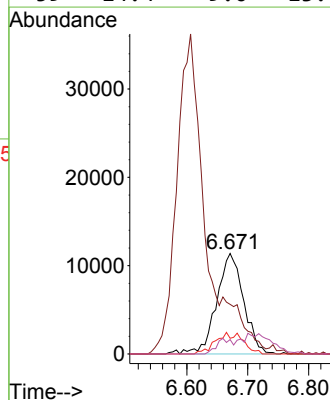
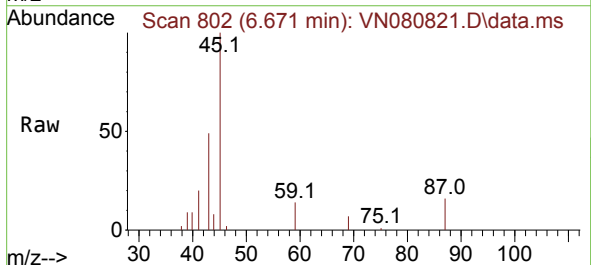
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

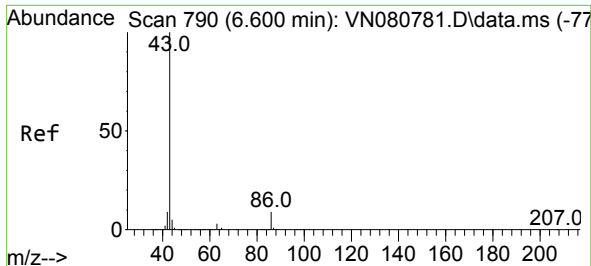
Tgt Ion: 96 Resp: 9407
Ion Ratio Lower Upper
96 100
61 144.2 112.8 169.2
98 71.3 51.0 76.4



#22
Diisopropyl ether
Concen: 5.431 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 45 Resp: 34863
Ion Ratio Lower Upper
45 100
43 46.1 41.8 62.8
87 15.7 18.1 27.1#
59 14.4 9.0 13.6#

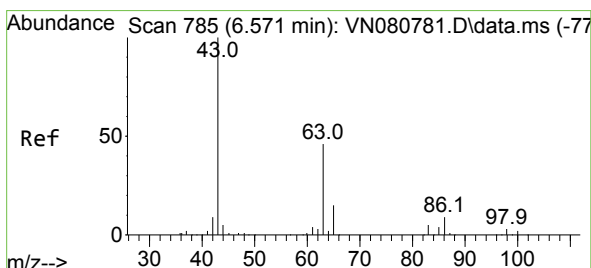
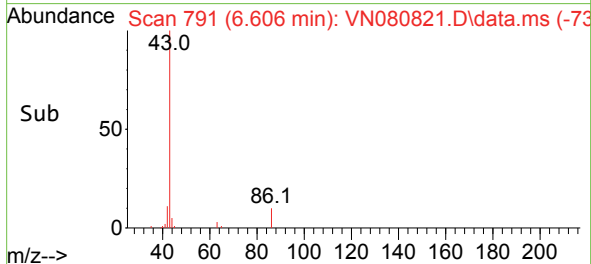
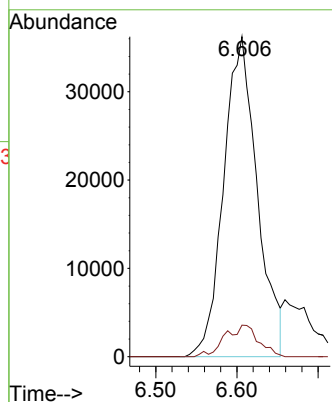
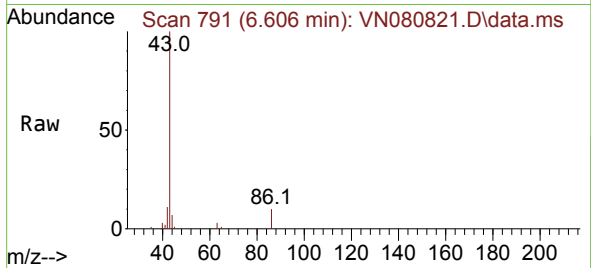




#23
 Vinyl Acetate
 Concen: 22.450 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

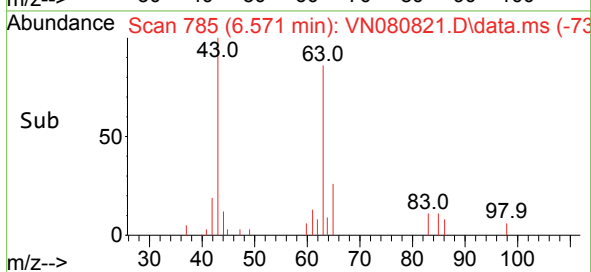
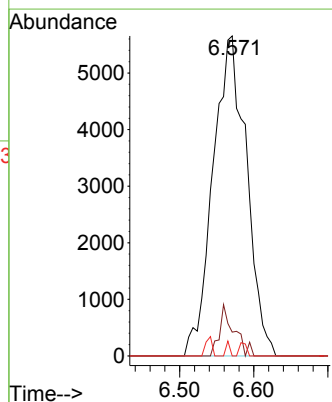
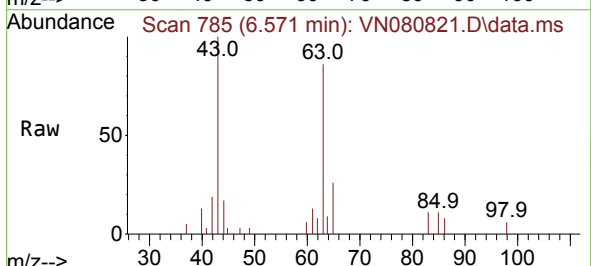
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

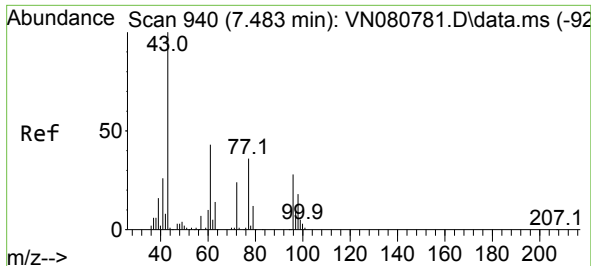
Tgt Ion: 43 Resp: 104275
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 5.450 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

Tgt Ion: 63 Resp: 17744
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 0.0 1.9 5.7#

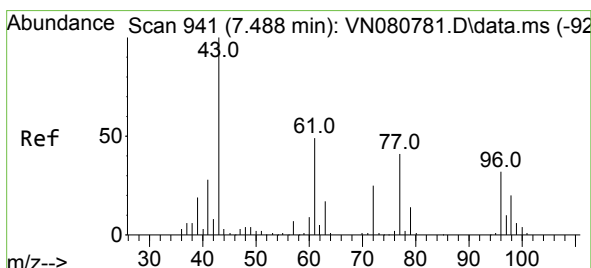
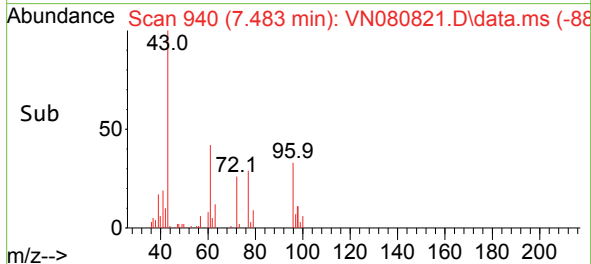
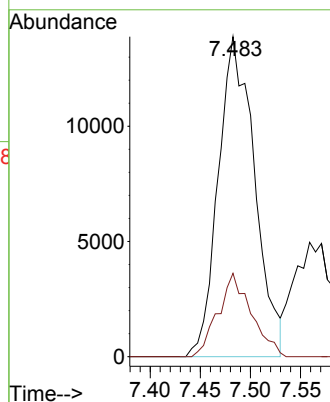
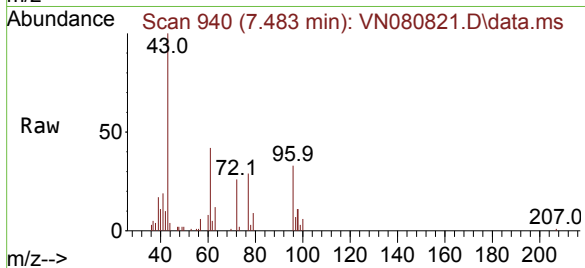




#25
2-Butanone
Concen: 28.016 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

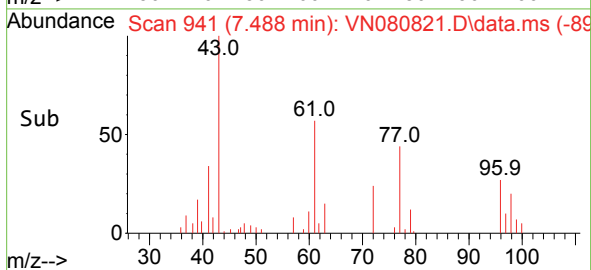
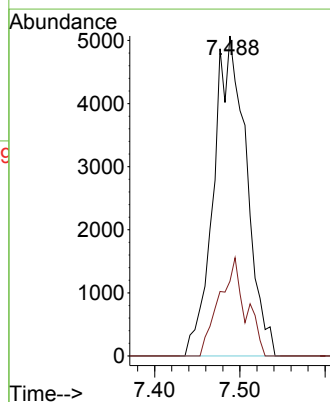
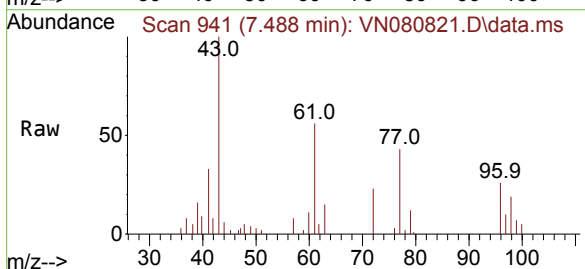
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

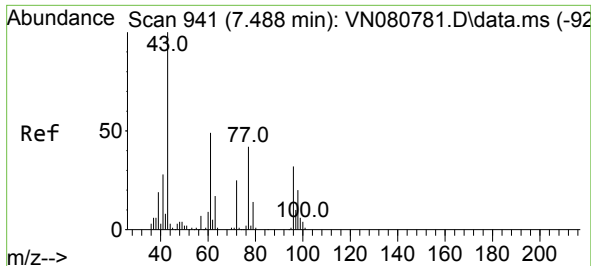
Tgt Ion: 43 Resp: 35011
Ion Ratio Lower Upper
43 100
72 26.1 19.5 29.3



#26
2,2-Dichloropropane
Concen: 5.165 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 77 Resp: 13591
Ion Ratio Lower Upper
77 100
97 24.7 11.5 34.5

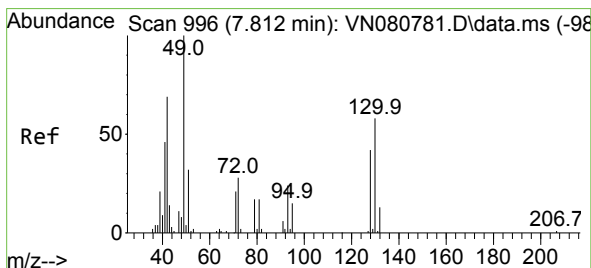
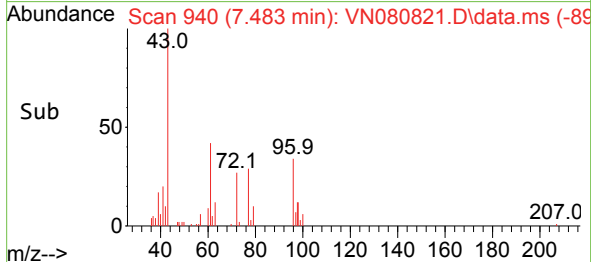
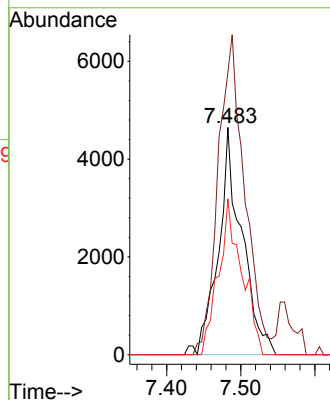
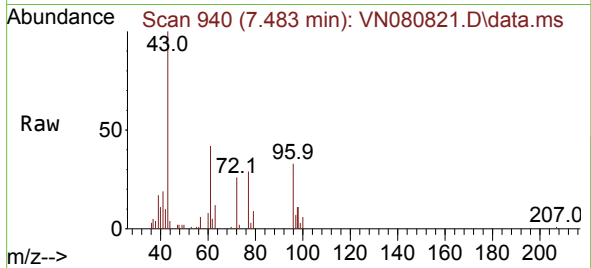




#27
 cis-1,2-Dichloroethene
 Concen: 5.525 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

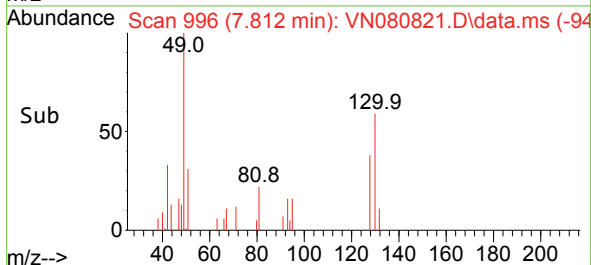
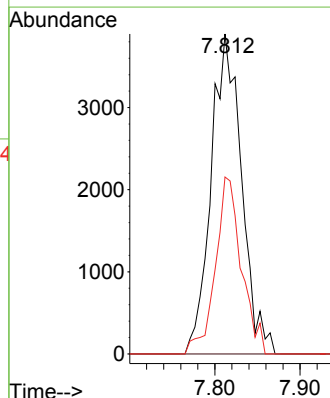
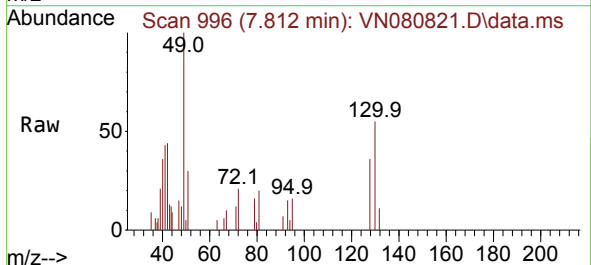
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

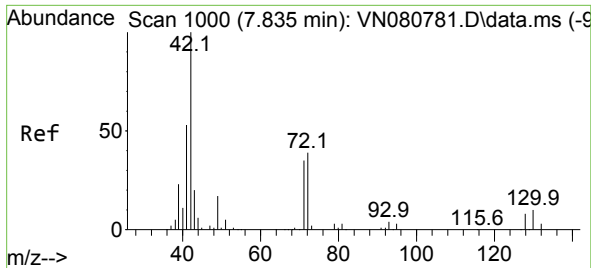
Tgt Ion: 96 Resp: 10228
 Ion Ratio Lower Upper
 96 100
 61 159.3 0.0 325.4
 98 68.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 5.611 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

Tgt Ion: 49 Resp: 9671
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 47.3 42.3 63.5

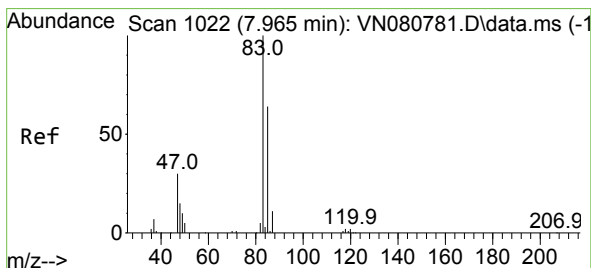
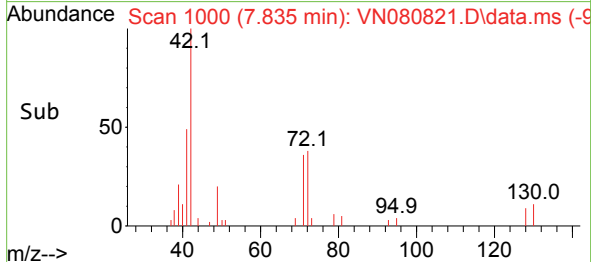
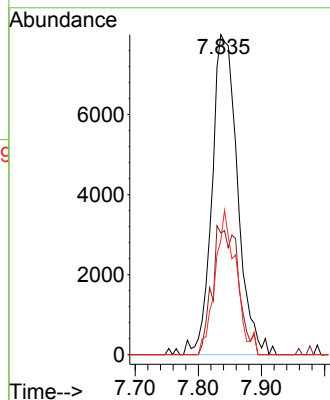
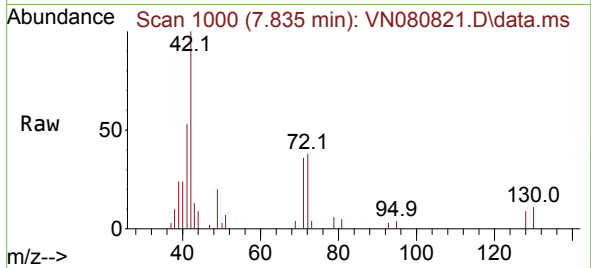




#29
Tetrahydrofuran
Concen: 26.545 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

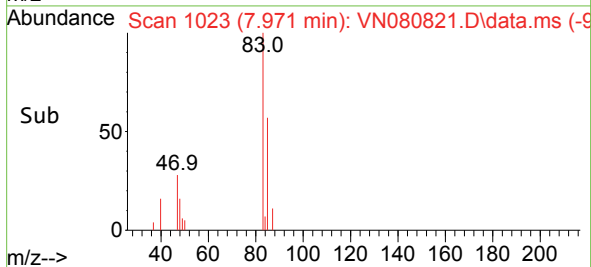
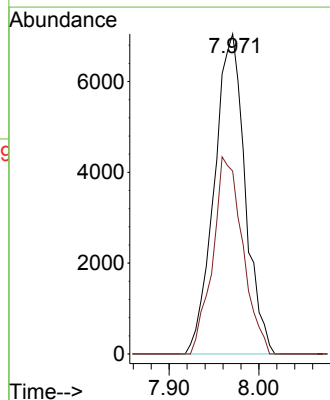
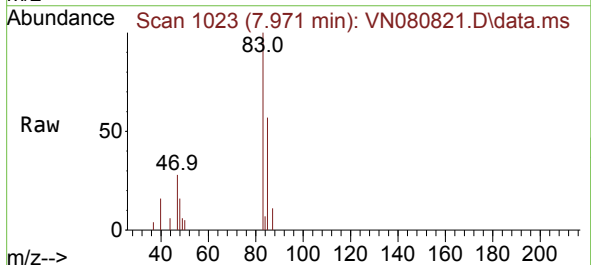
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

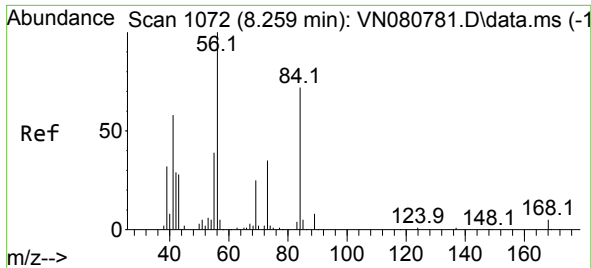
Tgt Ion:	42	Resp:	22447
Ion Ratio	Lower	Upper	
42	100		
72	40.9	31.1	46.7
71	37.6	28.3	42.5



#30
Chloroform
Concen: 5.557 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:	83	Resp:	16809
Ion Ratio	Lower	Upper	
83	100		
85	57.1	51.0	76.6

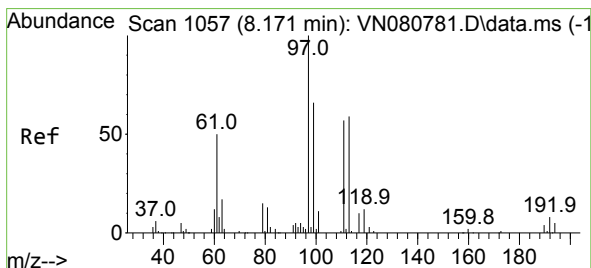
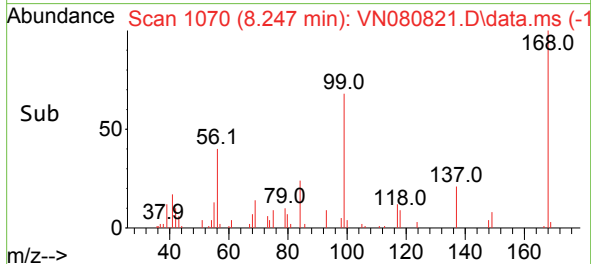
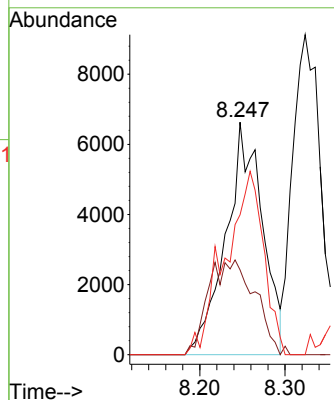
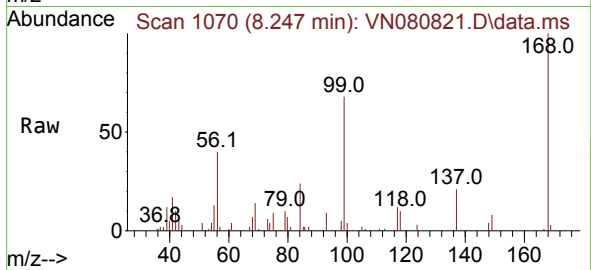




#31
Cyclohexane
Concen: 6.336 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.012 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

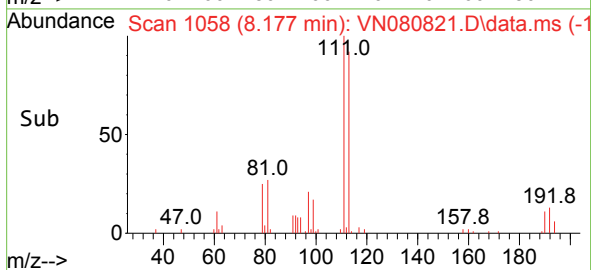
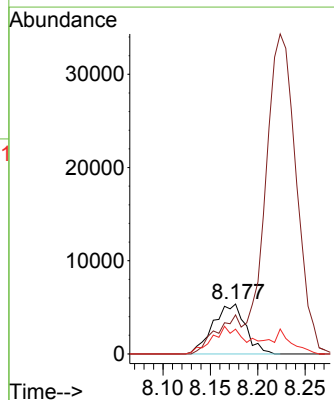
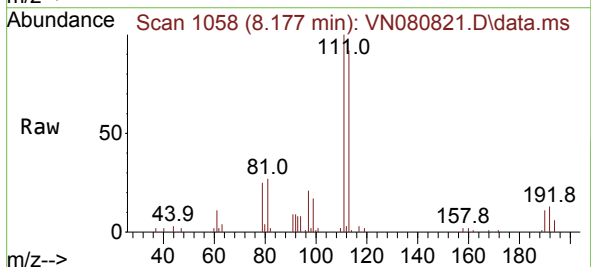
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

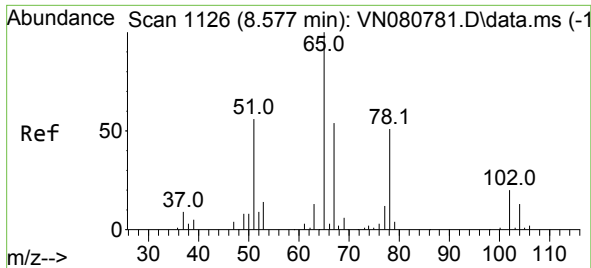
Tgt Ion: 56 Resp: 19710
Ion Ratio Lower Upper
56 100
69 36.5 20.1 30.1#
84 60.2 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 5.212 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 97 Resp: 12783
Ion Ratio Lower Upper
97 100
99 58.8 53.4 80.0
61 48.0 43.8 65.8

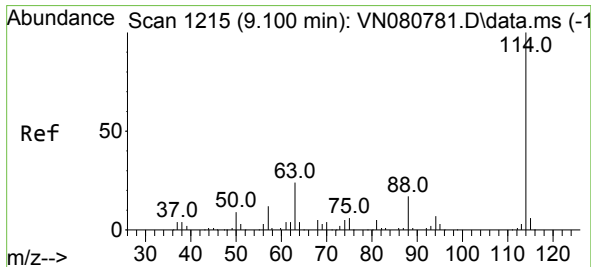
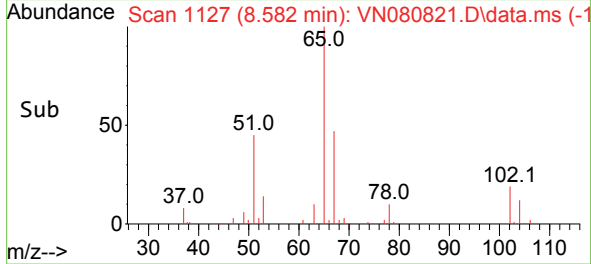
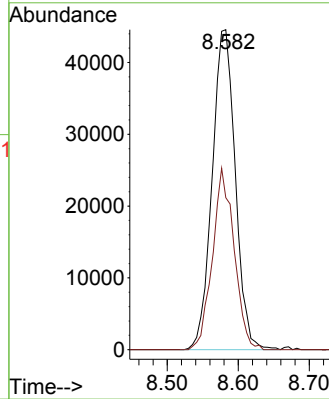
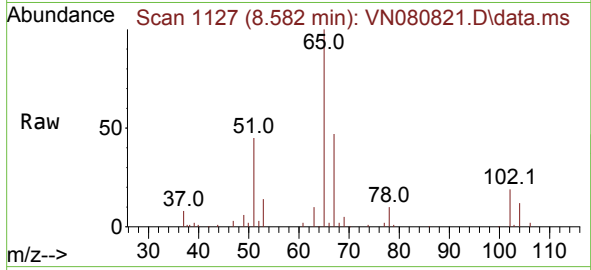




#33
 1,2-Dichloroethane-d4
 Concen: 55.568 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

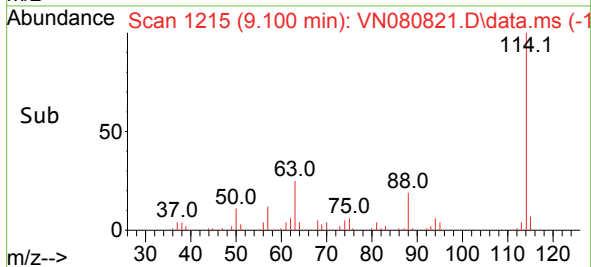
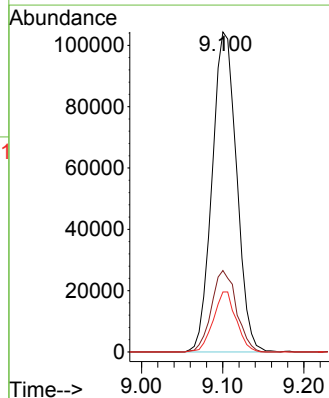
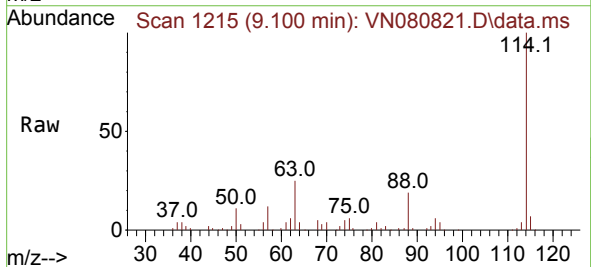
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

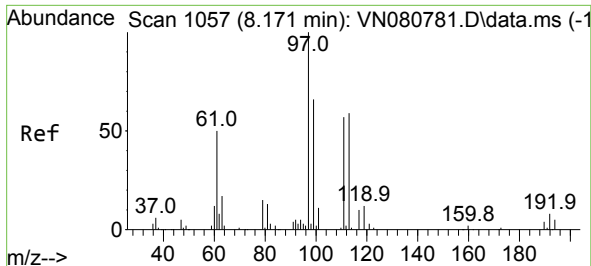
Tgt Ion: 65 Resp: 100807
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

Tgt Ion: 114 Resp: 218891
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 48.0
 88 18.8 0.0 34.8

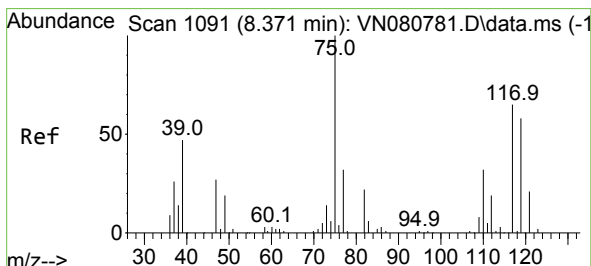
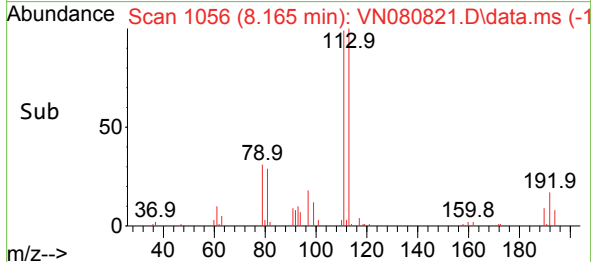
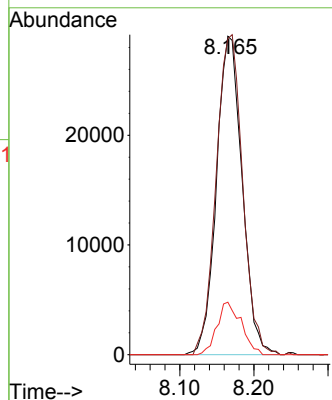
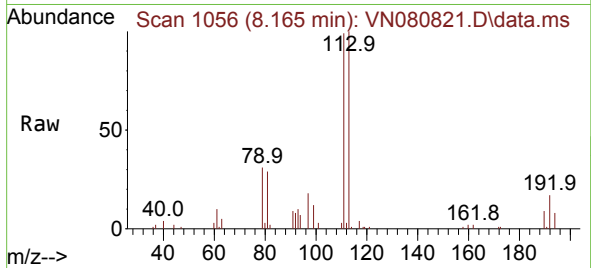




#35
Dibromofluoromethane
Concen: 52.140 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

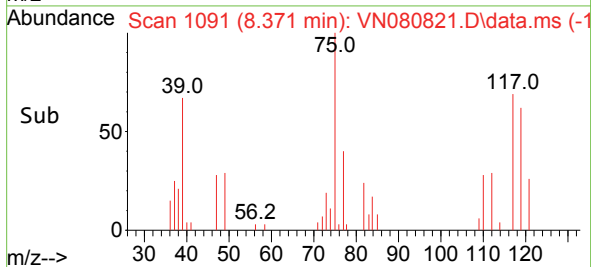
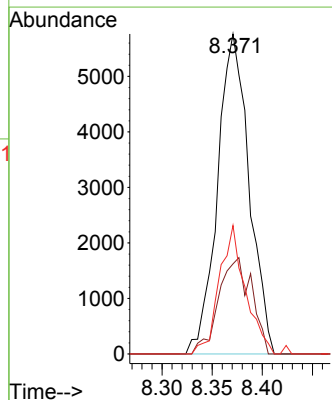
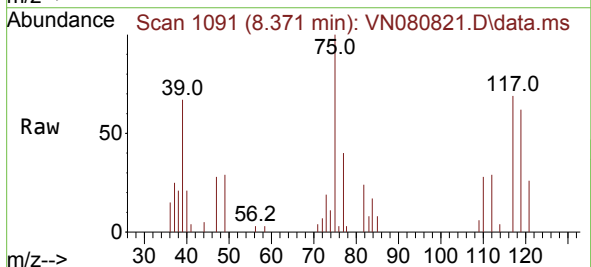
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

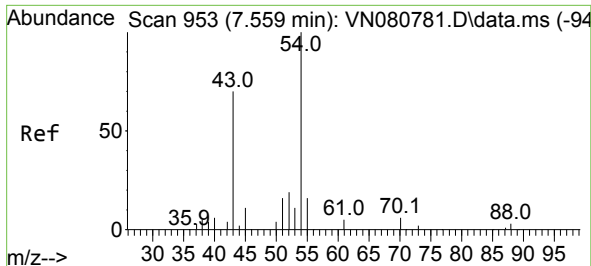
Tgt Ion:113 Resp: 69825
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 15.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 75 Resp: 12642
Ion Ratio Lower Upper
75 100
110 31.3 16.0 48.0
77 33.2 25.8 38.6





#37

Ethyl Acetate

Concen: 5.449 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080821.D

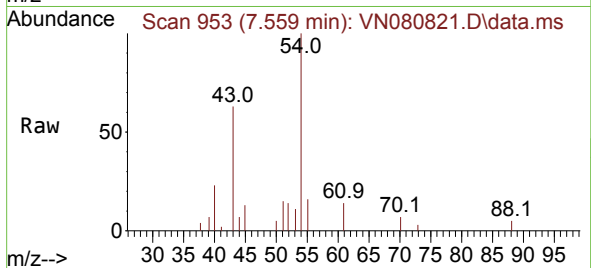
Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



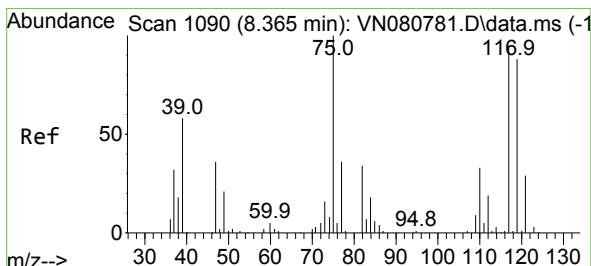
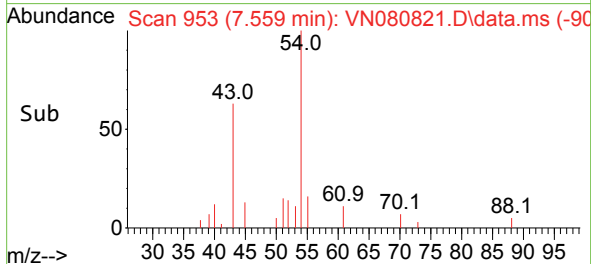
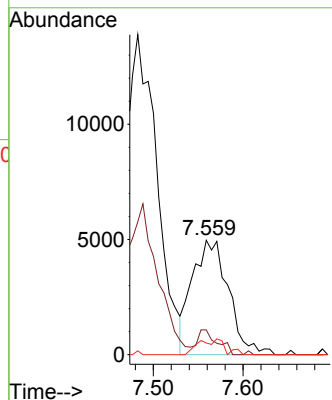
Tgt Ion: 43 Resp: 13962

Ion Ratio Lower Upper

43 100

61 11.8 10.6 15.8

70 5.6 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.326 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

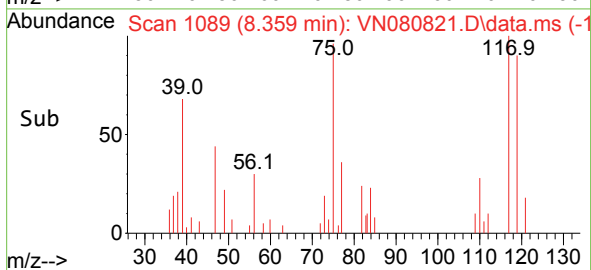
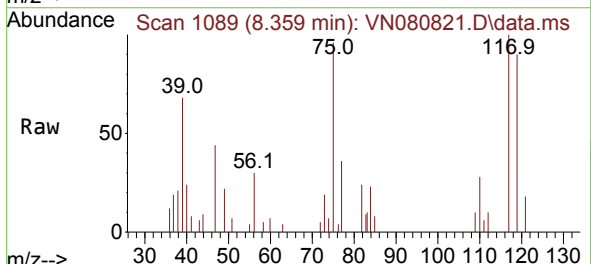
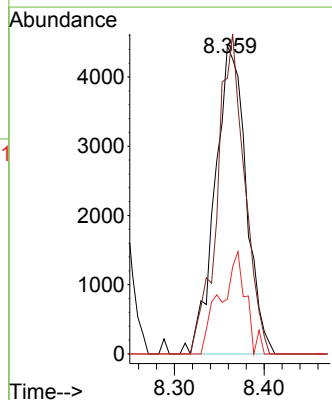
Tgt Ion: 117 Resp: 10681

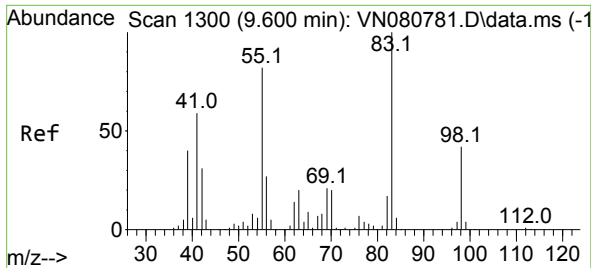
Ion Ratio Lower Upper

117 100

119 89.5 73.4 110.2

121 17.8 24.4 36.6#

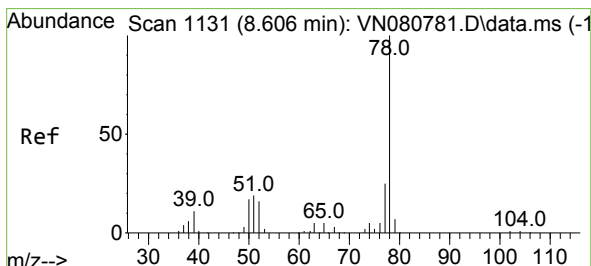
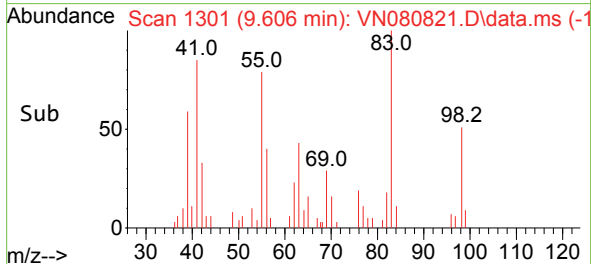
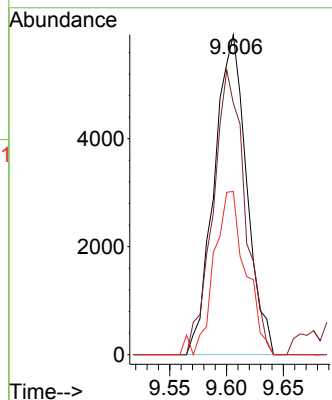
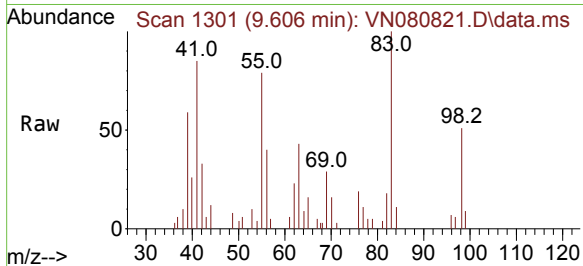




#39
Methylcyclohexane
Concen: 4.748 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

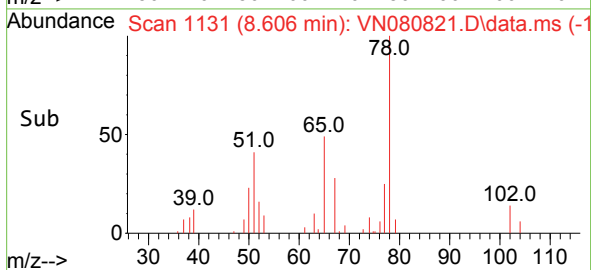
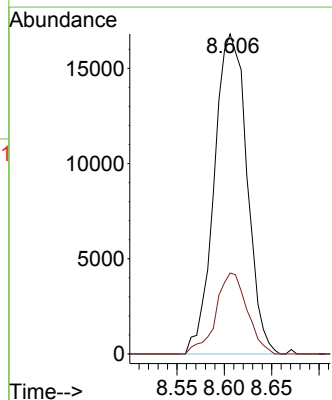
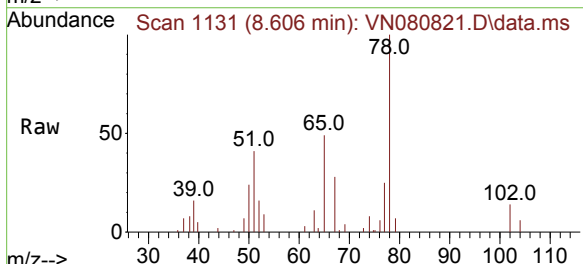
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

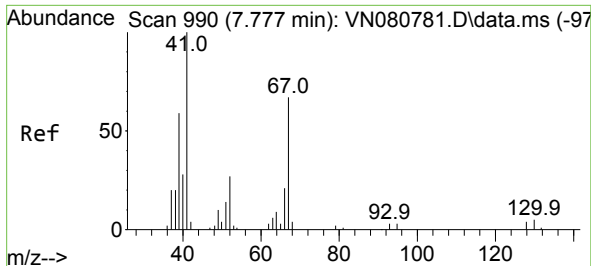
Tgt Ion: 83 Resp: 11748
Ion Ratio Lower Upper
83 100
55 78.6 65.7 98.5
98 51.0 33.8 50.6#



#40
Benzene
Concen: 5.515 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 78 Resp: 40343
Ion Ratio Lower Upper
78 100
77 25.3 20.4 30.6

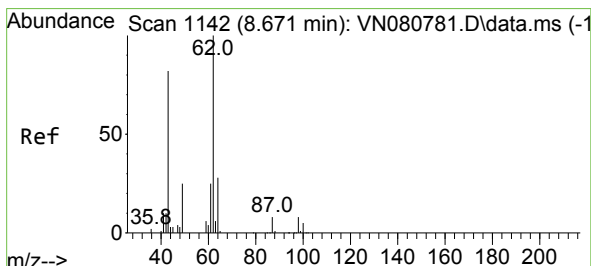
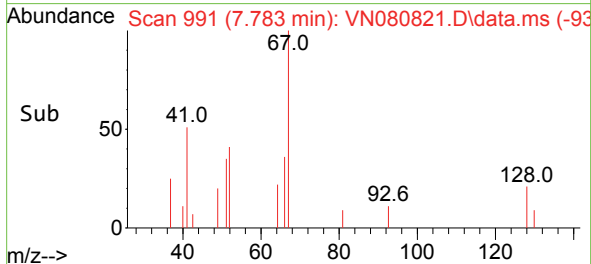
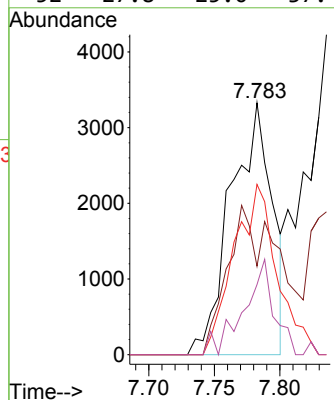
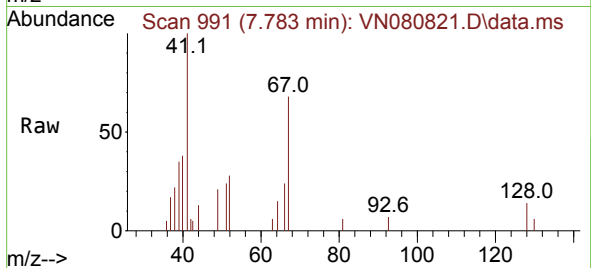




#41
Methacrylonitrile
Concen: 4.807 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

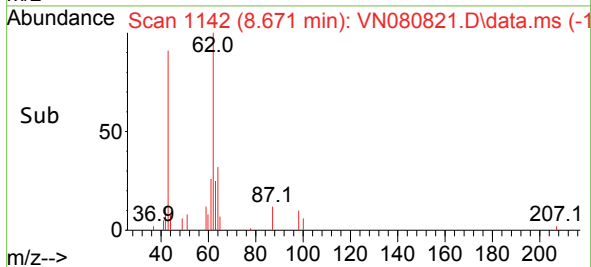
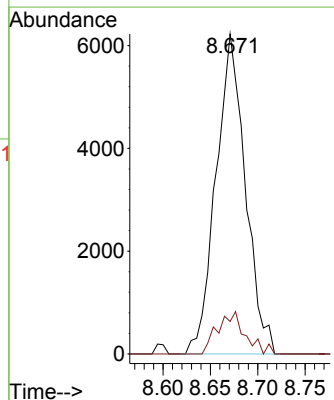
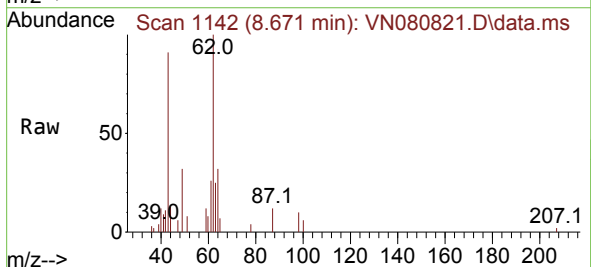
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

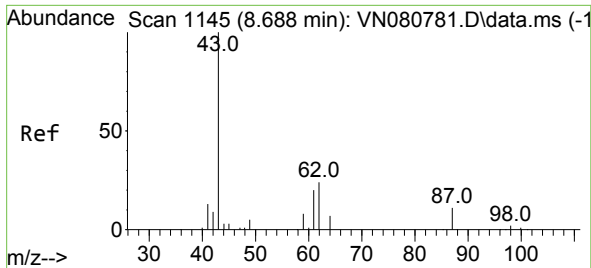
Tgt Ion:	41	Resp:	7260
Ion	Ratio	Lower	Upper
41	100		
39	40.6	48.4	72.6#
67	70.7	56.8	85.2
52	27.8	25.0	37.4



#42
1,2-Dichloroethane
Concen: 5.643 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:	62	Resp:	13450
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	18.0

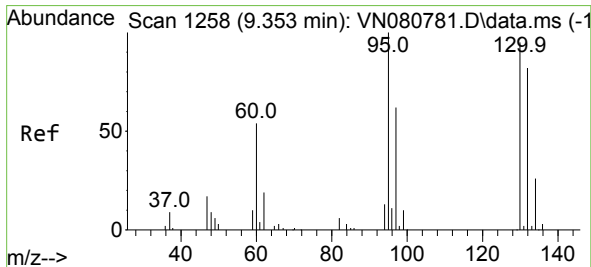
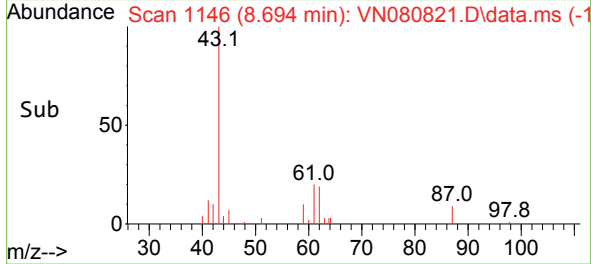
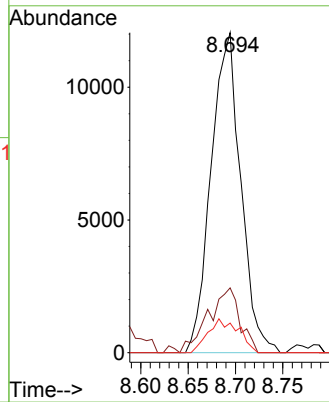
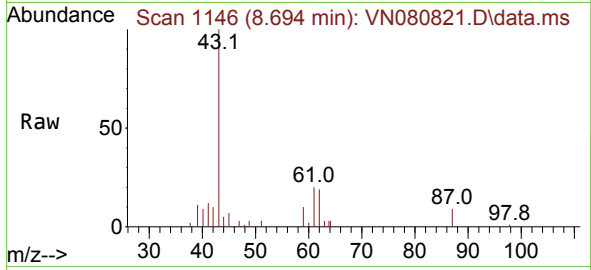




#43
Isopropyl Acetate
Concen: 5.642 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

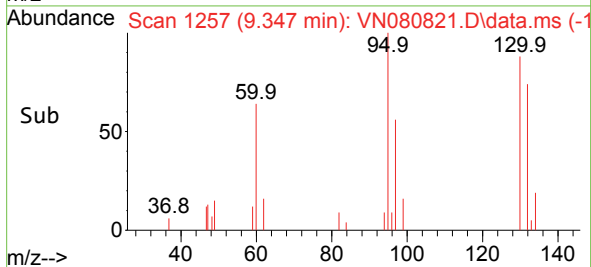
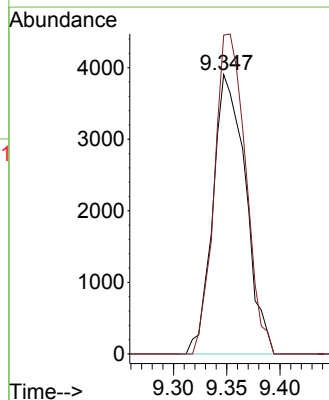
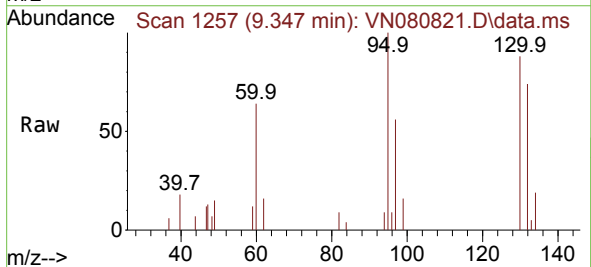
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

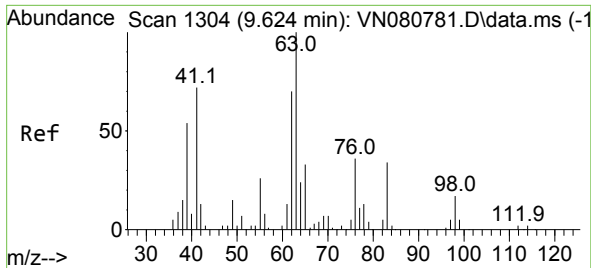
Tgt Ion: 43	Resp: 26319
Ion Ratio	Lower Upper
43 100	
61 22.2	19.9 29.9
87 10.9	9.0 13.6



#44
Trichloroethene
Concen: 5.150 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:130	Resp:	8299	
Ion	Ratio	Lower	Upper
130	100		
95	114.1	0.0	210.4

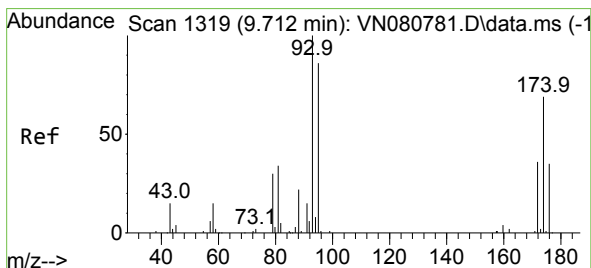
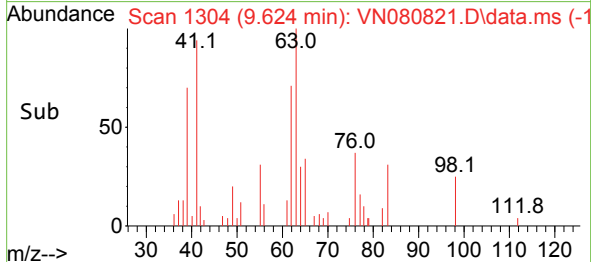
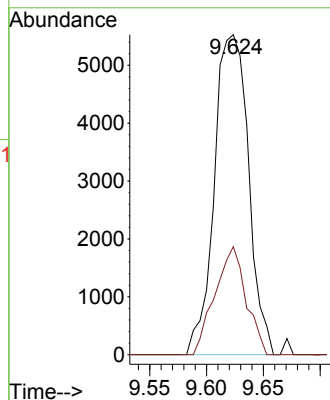
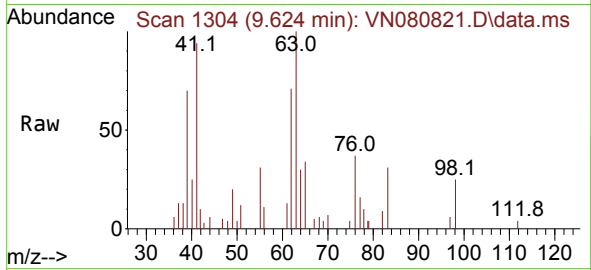




#45
1,2-Dichloropropane
Concen: 5.847 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

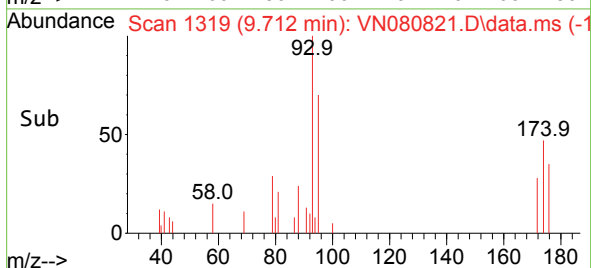
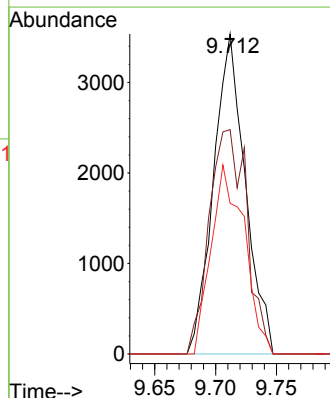
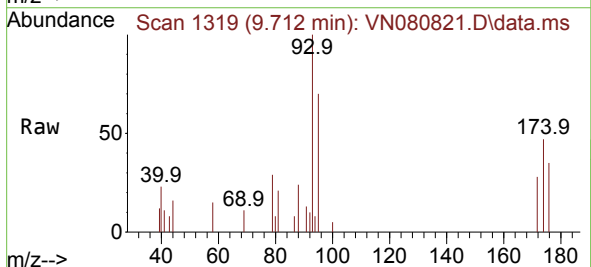
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

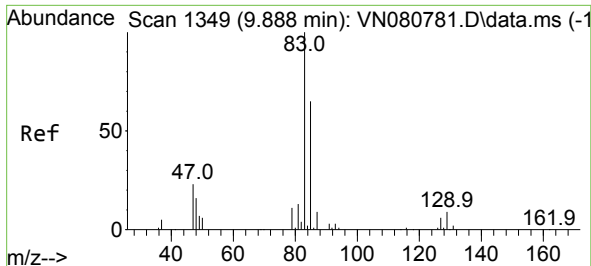
Tgt Ion: 63 Resp: 11575
Ion Ratio Lower Upper
63 100
65 33.8 26.1 39.1



#46
Dibromomethane
Concen: 5.473 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 93 Resp: 6423
Ion Ratio Lower Upper
93 100
95 82.6 68.1 102.1
174 61.4 57.2 85.8

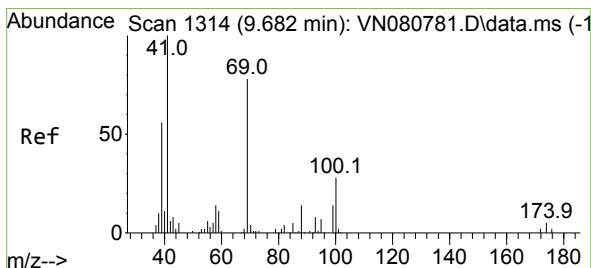
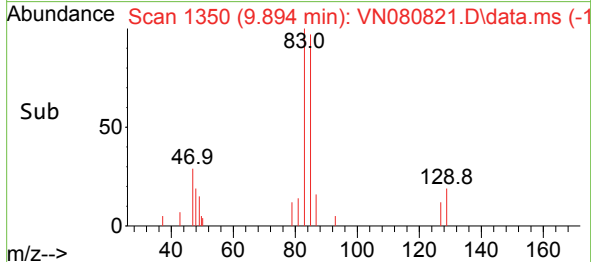
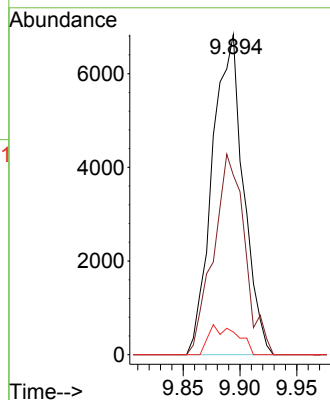
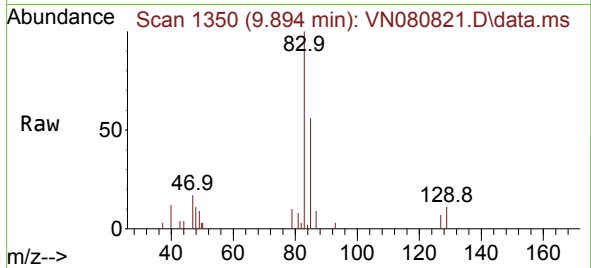




#47
Bromodichloromethane
Concen: 5.469 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

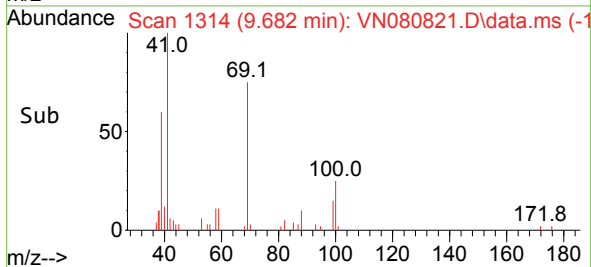
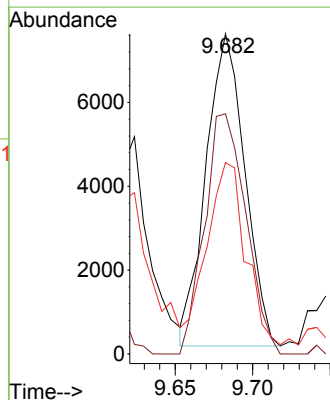
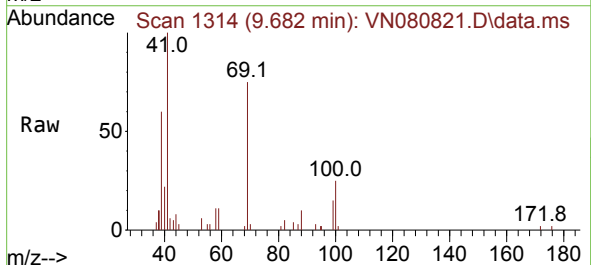
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024

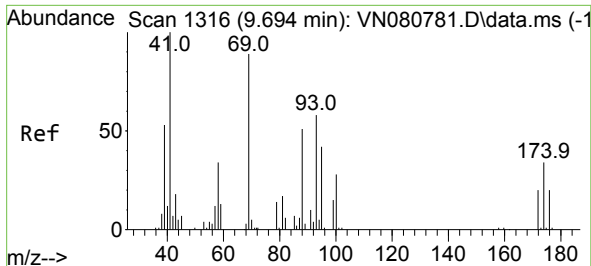
Tgt Ion: 83 Resp: 13031
Ion Ratio Lower Upper
83 100
85 56.1 52.3 78.5
127 7.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 5.731 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 41 Resp: 12961
Ion Ratio Lower Upper
41 100
69 82.1 62.2 93.2
39 58.2 47.6 71.4





#49

1,4-Dioxane

Concen: 118.565 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

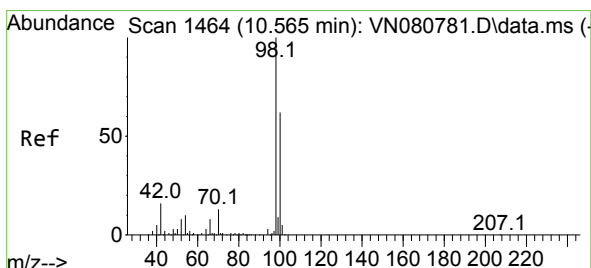
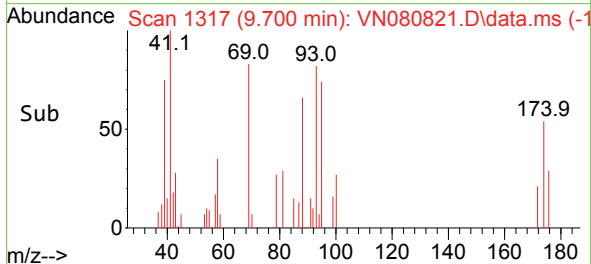
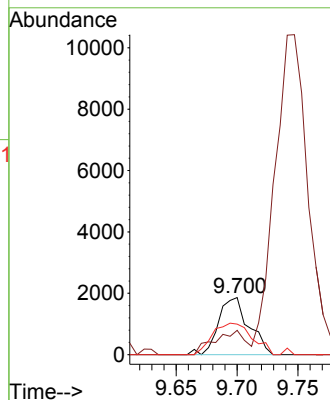
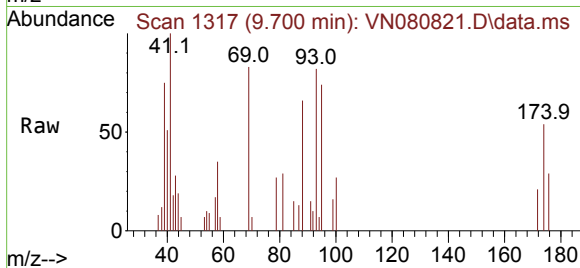
Tgt Ion: 88 Resp: 3230

Ion Ratio Lower Upper

88 100

43 43.5 30.1 45.1

58 71.7 63.9 95.9



#50

Toluene-d8

Concen: 51.944 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080821.D

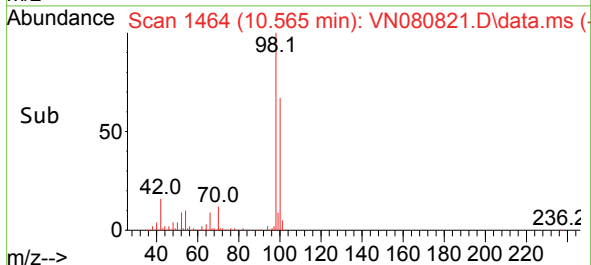
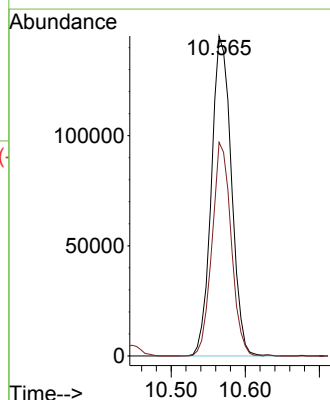
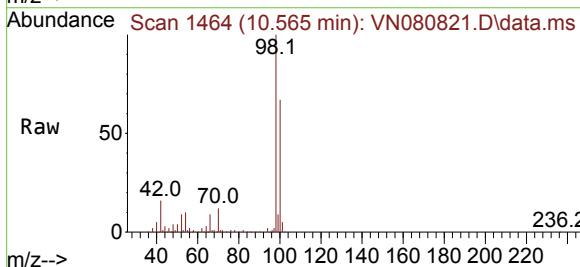
Acq: 30 Jan 2024 17:59

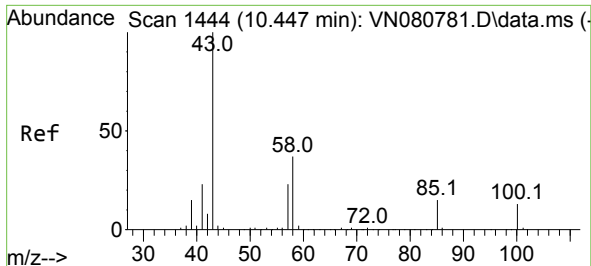
Tgt Ion: 98 Resp: 272263

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

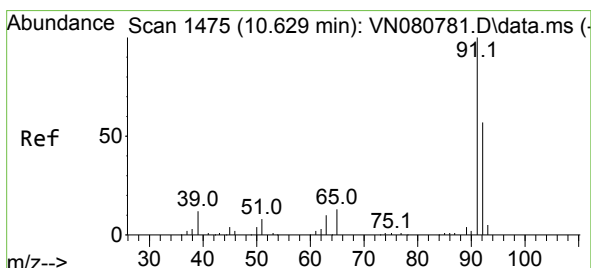
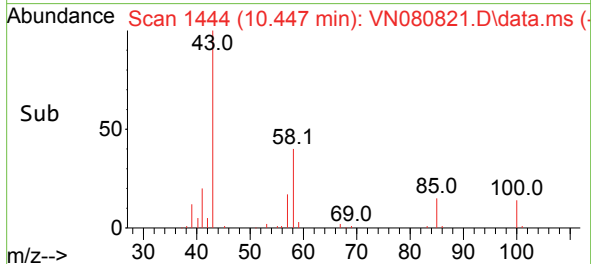
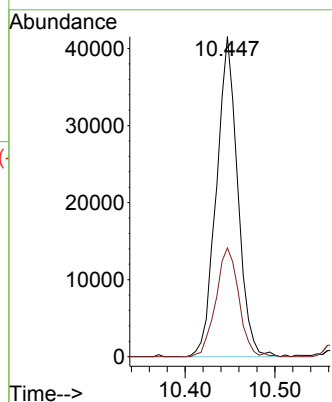
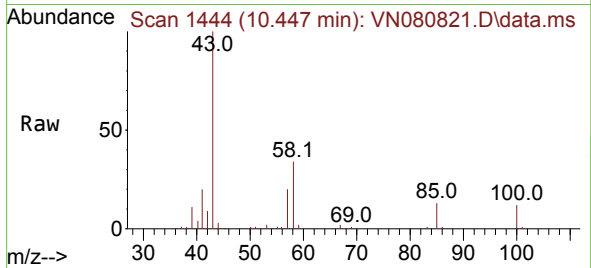




#51
4-Methyl-2-Pentanone
Concen: 26.221 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

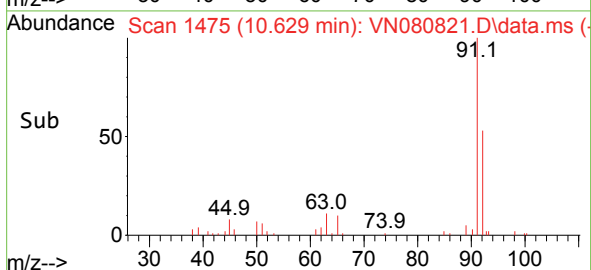
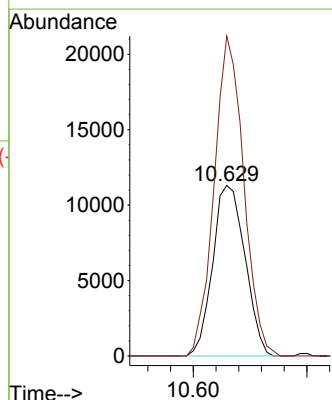
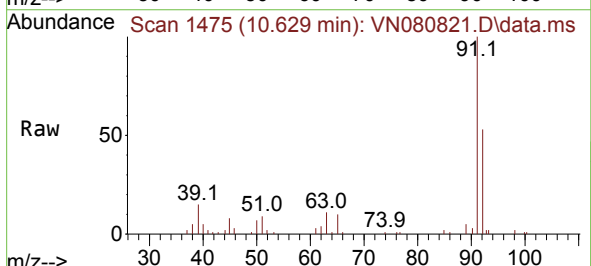
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

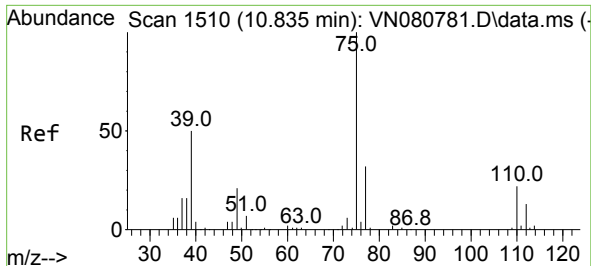
Tgt Ion: 43 Resp: 68381
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0



#52
Toluene
Concen: 5.318 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 92 Resp: 22307
Ion Ratio Lower Upper
92 100
91 172.1 139.4 209.0

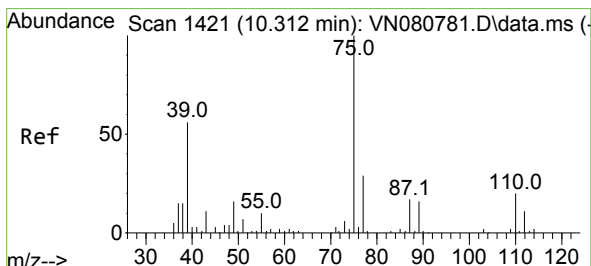
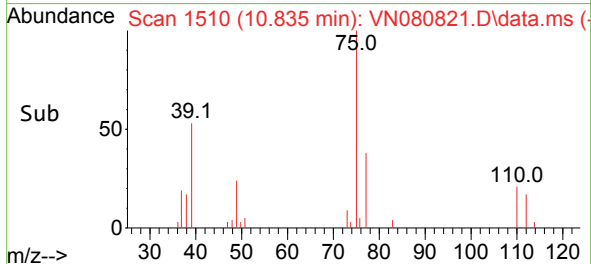
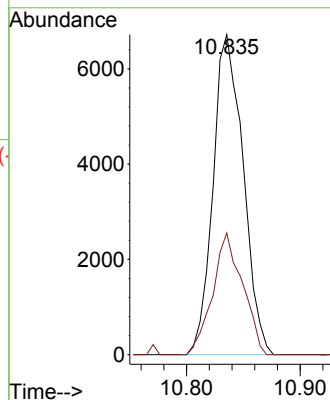
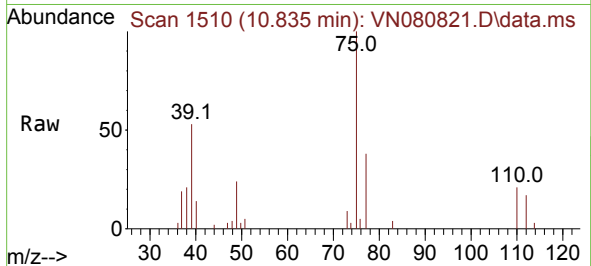




#53
t-1,3-Dichloropropene
Concen: 4.444 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

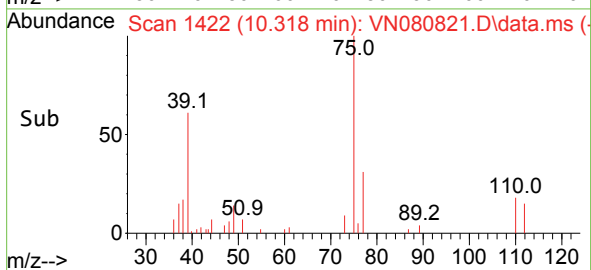
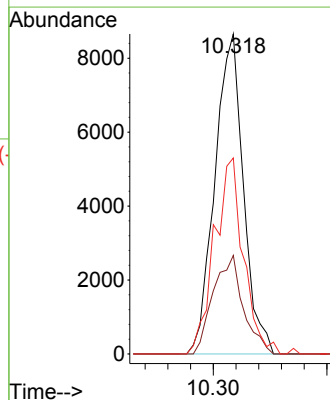
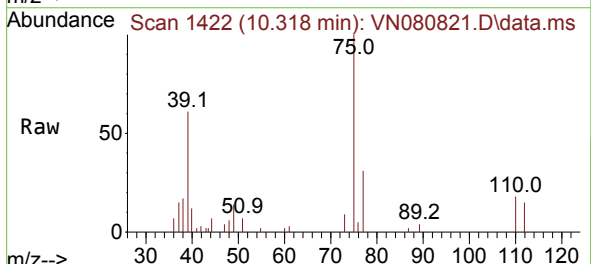
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

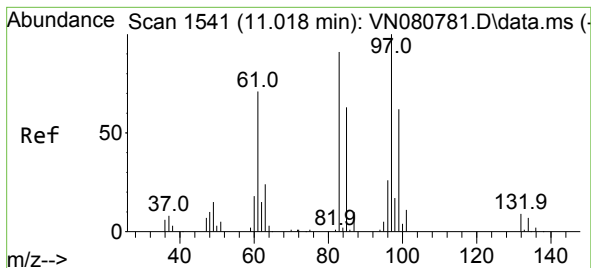
Tgt Ion: 75 Resp: 12337
Ion Ratio Lower Upper
75 100
77 38.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 5.004 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 75 Resp: 15106
Ion Ratio Lower Upper
75 100
77 30.8 23.3 34.9
39 61.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 5.402 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080821.D

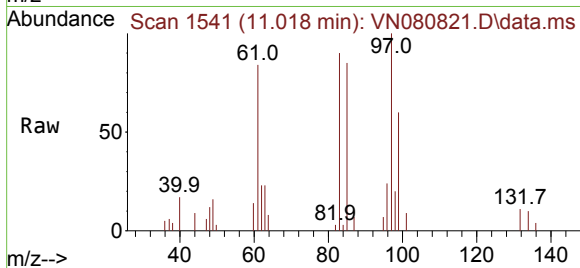
Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 97 Resp: 8708

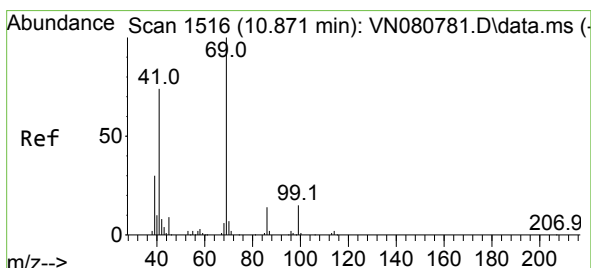
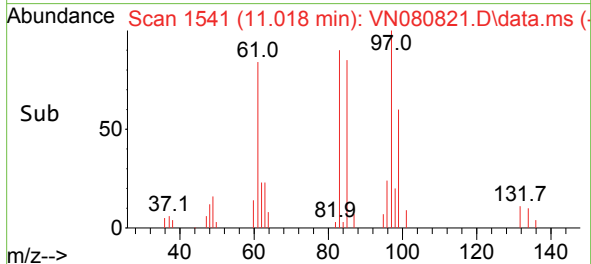
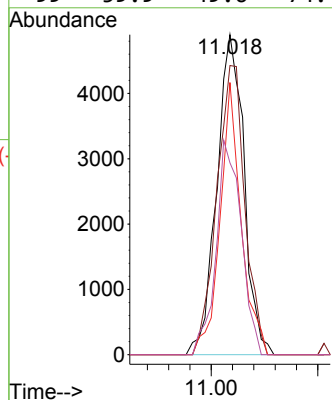
Ion Ratio Lower Upper

97 100

83 90.3 72.9 109.3

85 85.0 50.2 75.2#

99 59.9 49.6 74.4



#56

Ethyl methacrylate

Concen: 4.360 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

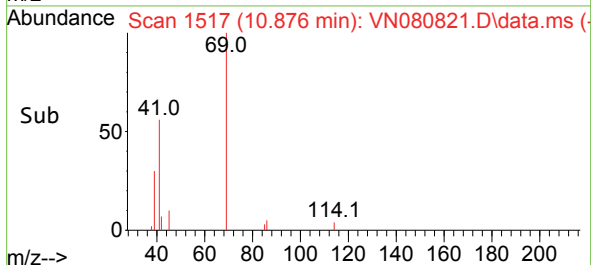
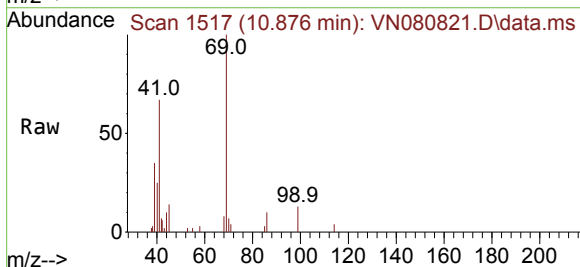
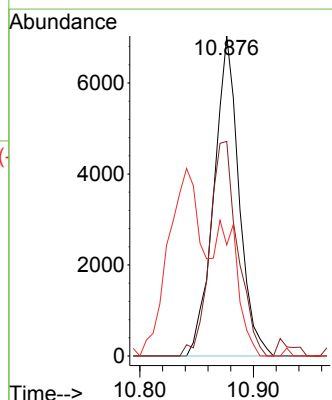
Tgt Ion: 69 Resp: 10805

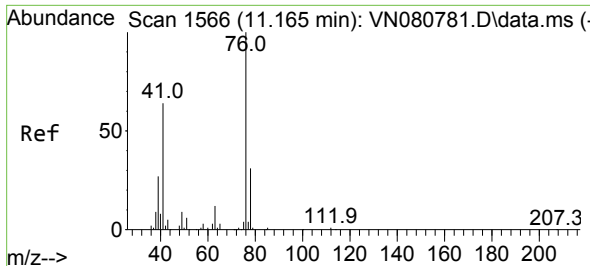
Ion Ratio Lower Upper

69 100

41 74.6 61.0 91.6

39 33.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 5.324 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

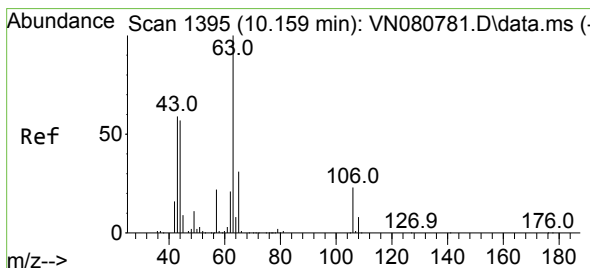
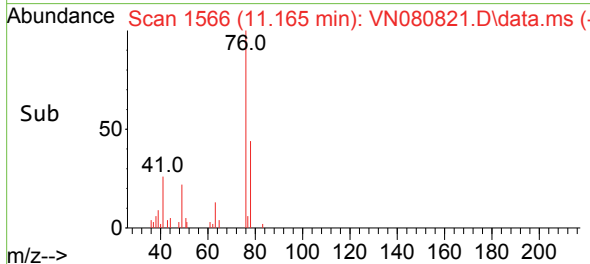
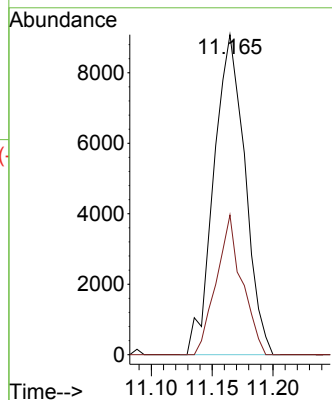
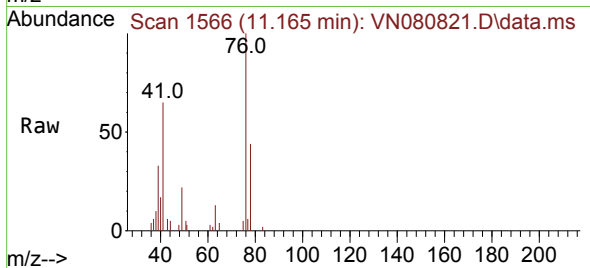
LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 16152

Ion Ratio Lower Upper

76 100

78 36.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 25.741 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080821.D

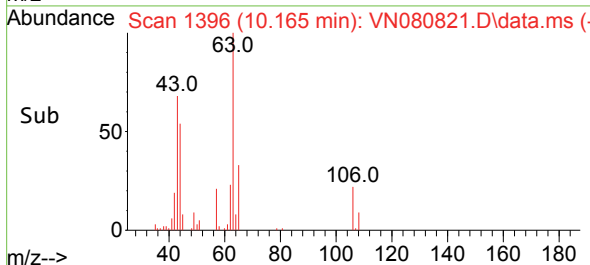
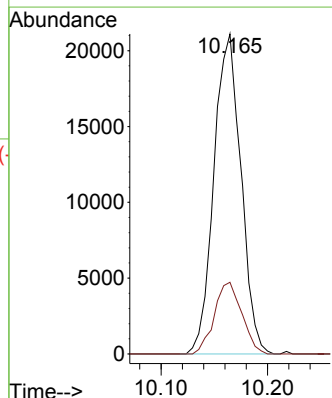
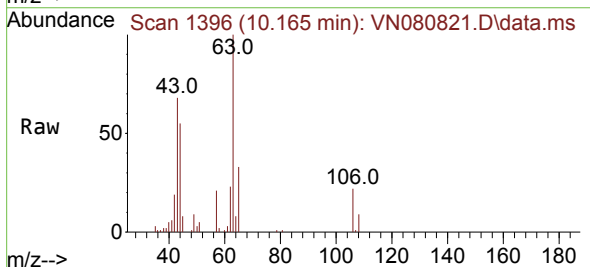
Acq: 30 Jan 2024 17:59

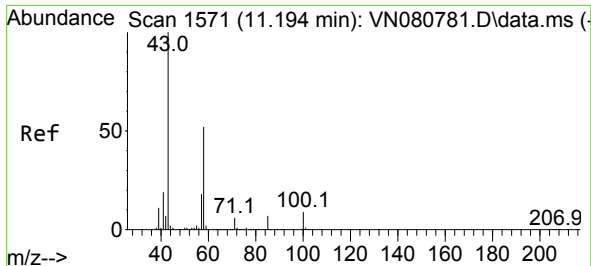
Tgt Ion: 63 Resp: 37187

Ion Ratio Lower Upper

63 100

106 22.8 18.6 28.0

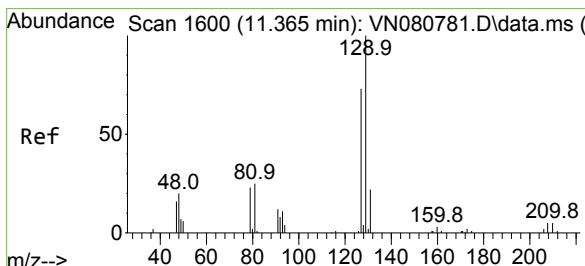
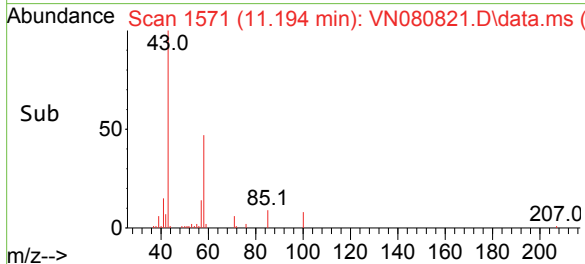
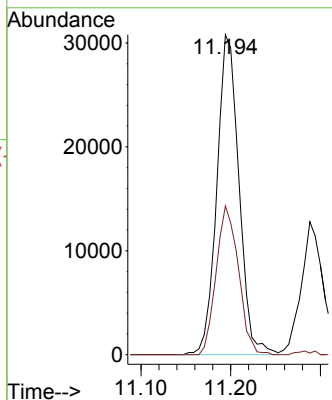
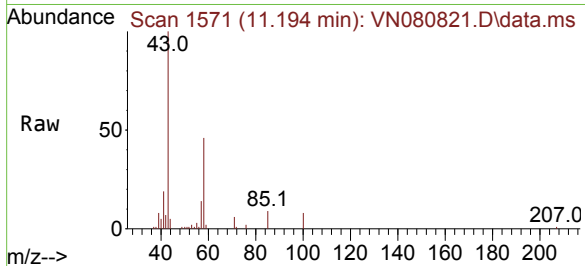




#59
2-Hexanone
Concen: 26.002 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

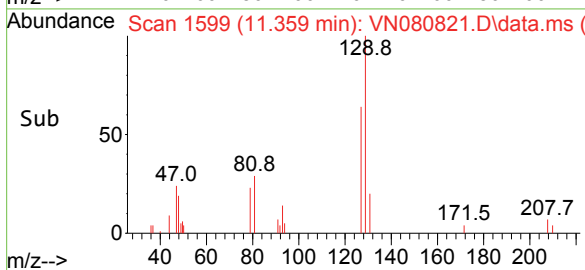
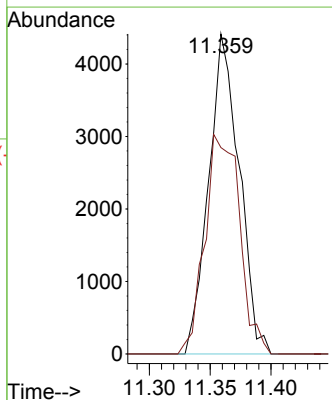
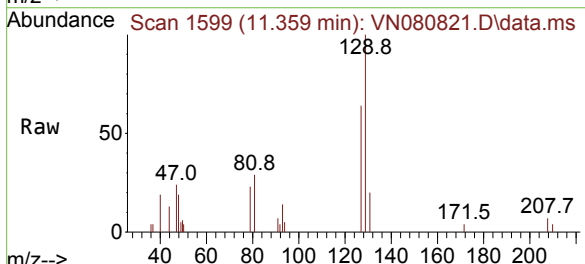
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

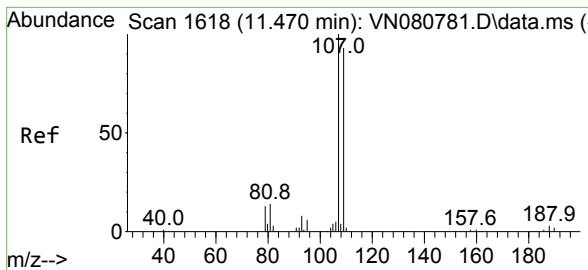
Tgt Ion: 43 Resp: 52674
Ion Ratio Lower Upper
43 100
58 46.8 25.9 77.8



#60
Dibromochloromethane
Concen: 5.142 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 129 Resp: 7710
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.2

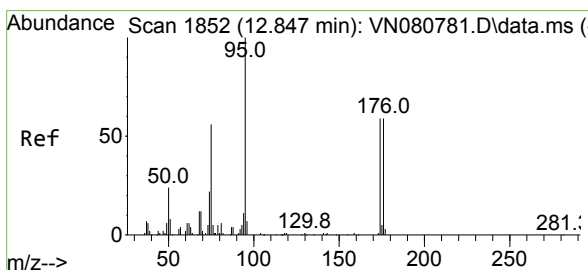
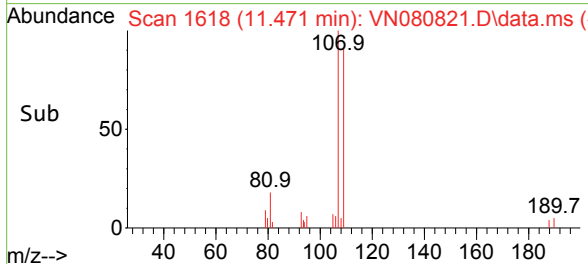
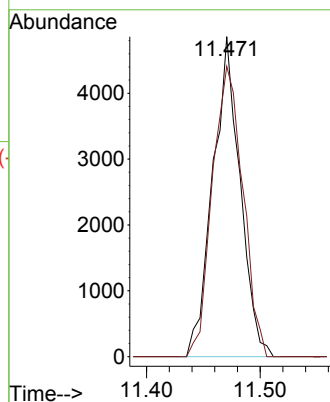
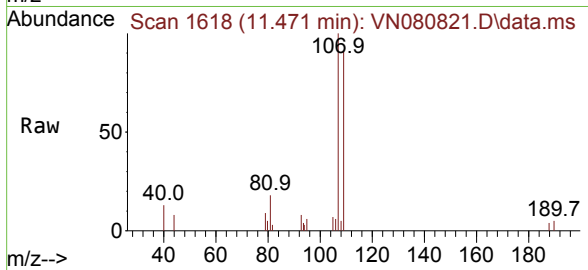




#61
1,2-Dibromoethane
Concen: 5.380 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

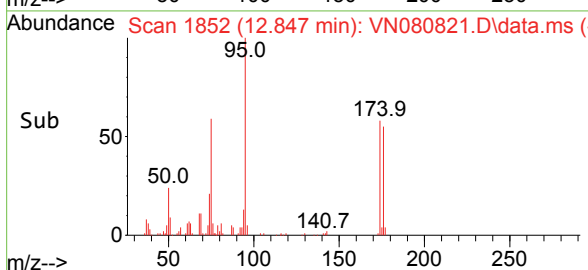
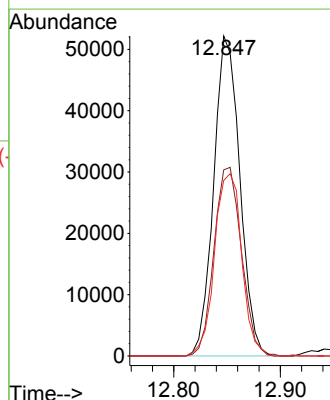
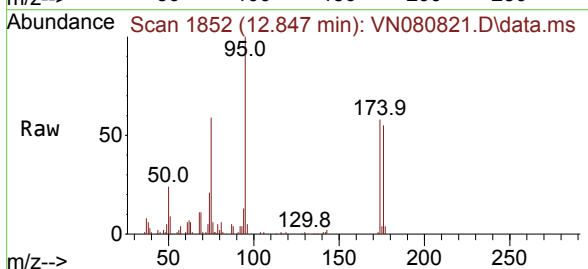
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

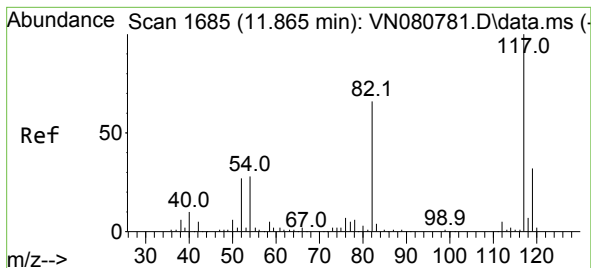
Tgt Ion:107 Resp: 8128
Ion Ratio Lower Upper
107 100
109 101.2 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 48.712 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 95 Resp: 88973
Ion Ratio Lower Upper
95 100
174 61.8 0.0 120.4
176 59.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

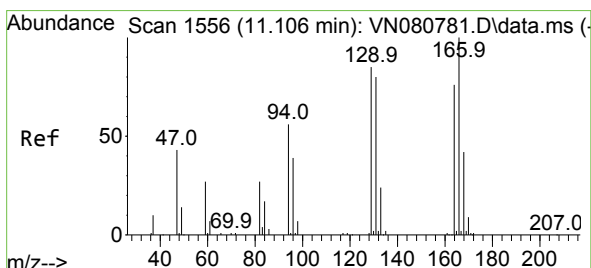
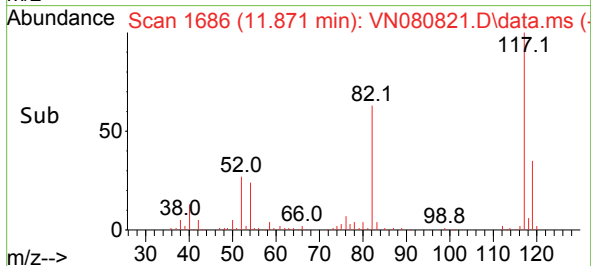
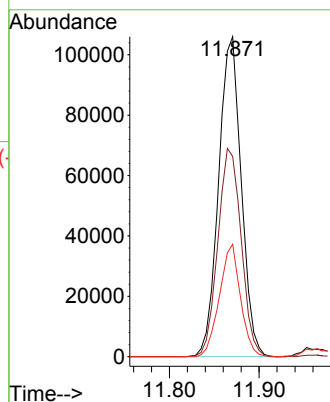
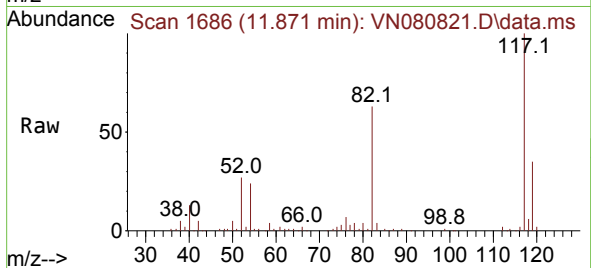
Tgt Ion:117 Resp: 185671

Ion Ratio Lower Upper

117 100

82 62.6 52.7 79.1

119 35.1 25.3 37.9



#64

Tetrachloroethene

Concen: 5.810 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion:164 Resp: 7090

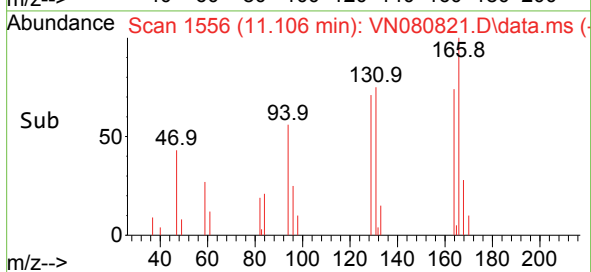
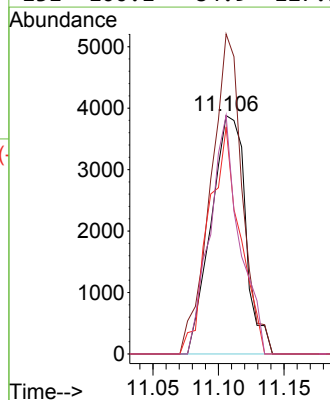
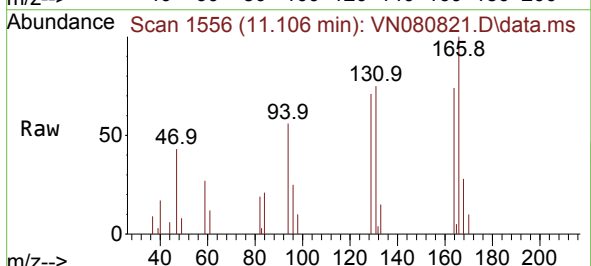
Ion Ratio Lower Upper

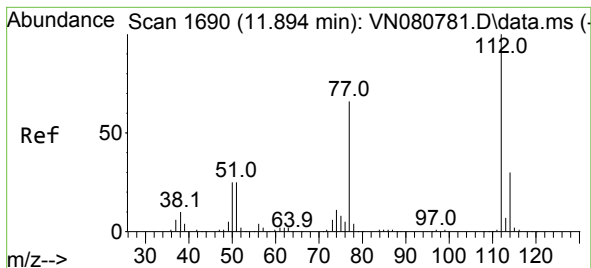
164 100

166 134.2 105.8 158.6

129 95.1 89.6 134.4

131 100.1 84.9 127.3





#65

Chlorobenzene

Concen: 5.269 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

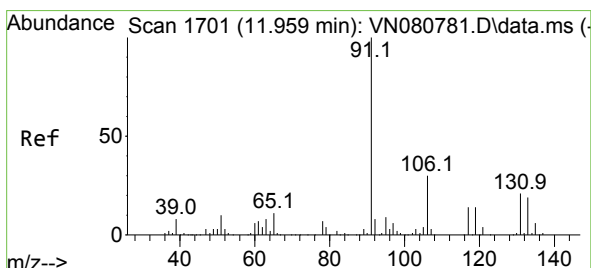
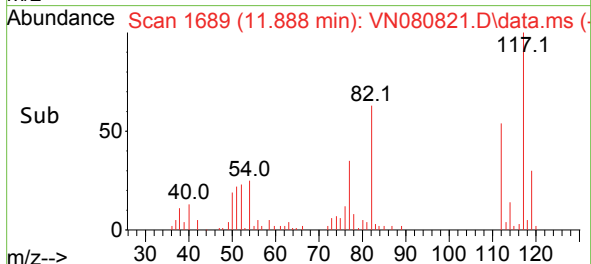
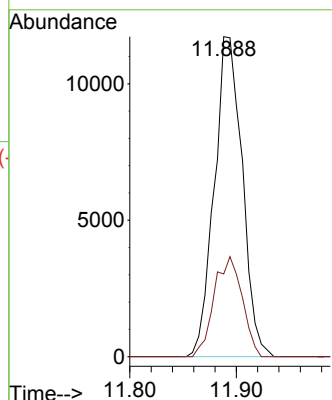
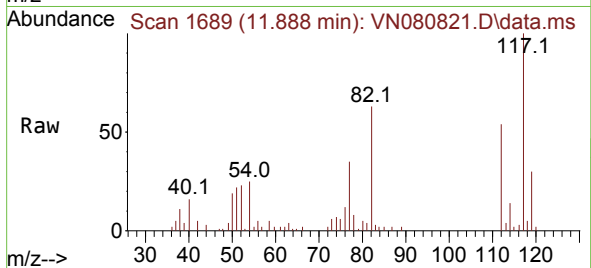
LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 21352

Ion Ratio Lower Upper

112 100

114 25.8 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 4.928 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

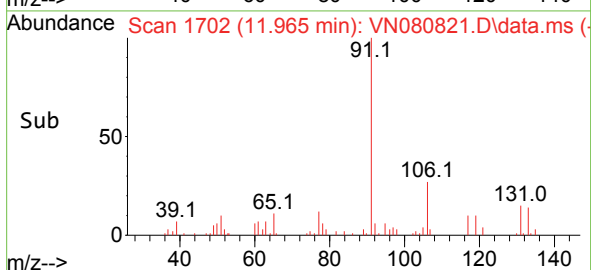
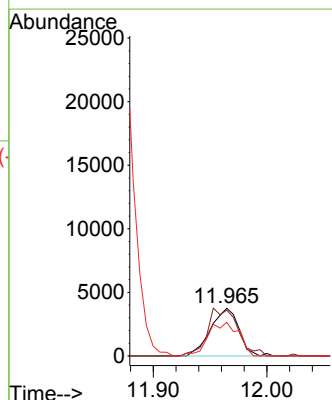
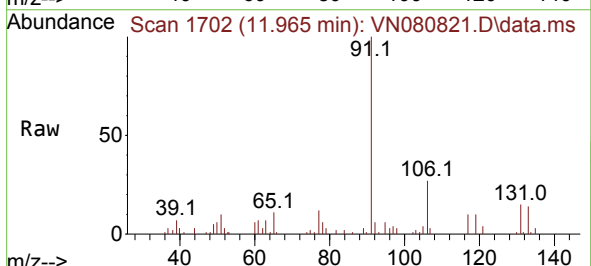
Tgt Ion:131 Resp: 6494

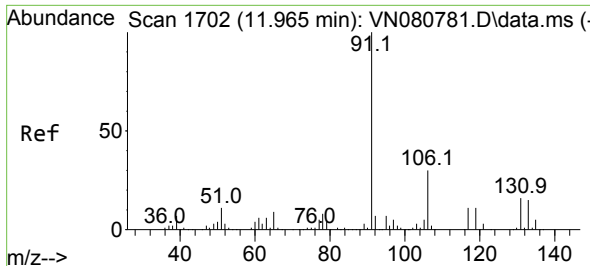
Ion Ratio Lower Upper

131 100

133 107.1 46.8 140.3

119 76.1 34.6 103.9

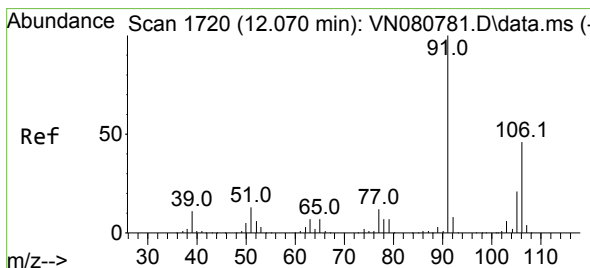
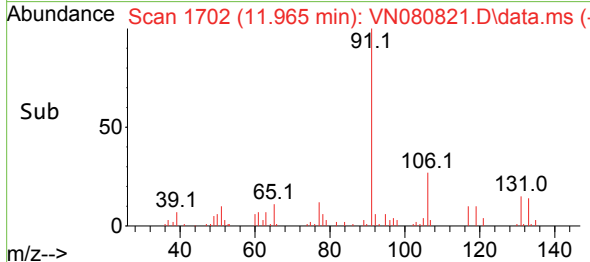
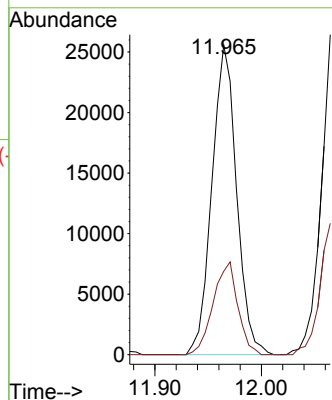
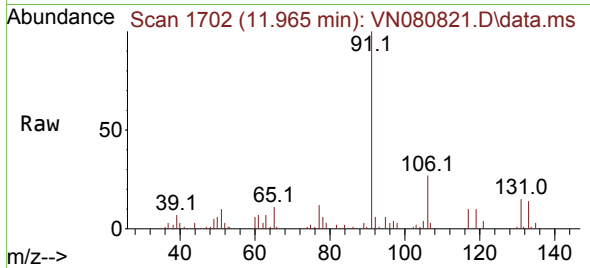




#67
Ethyl Benzene
Concen: 5.454 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

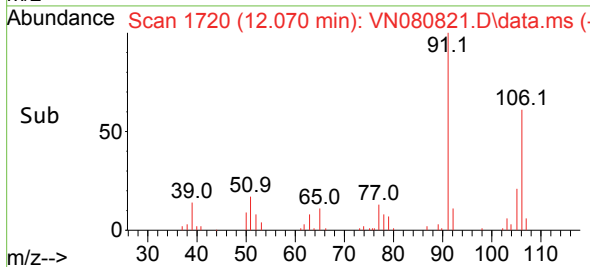
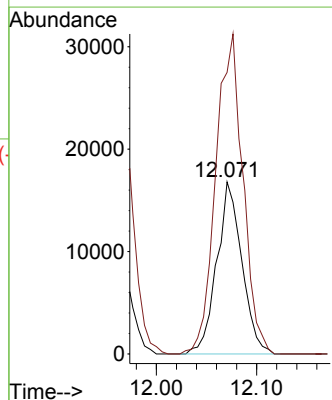
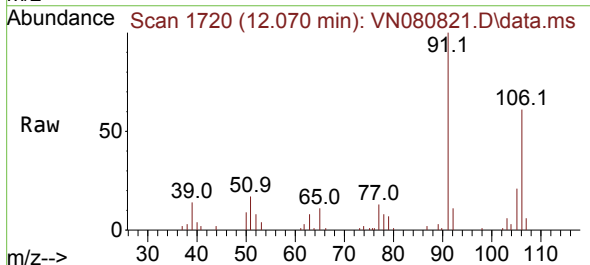
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

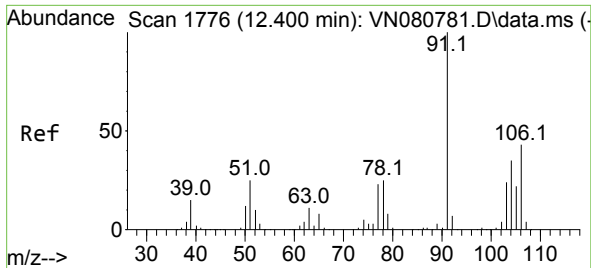
Tgt Ion: 91 Resp: 41081
Ion Ratio Lower Upper
91 100
106 26.9 23.8 35.6



#68
m/p-Xylenes
Concen: 10.927 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:106 Resp: 29226
Ion Ratio Lower Upper
106 100
91 201.5 169.0 253.6

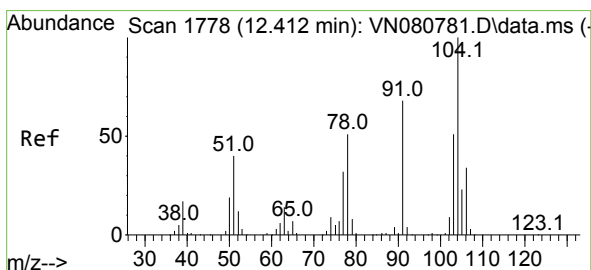
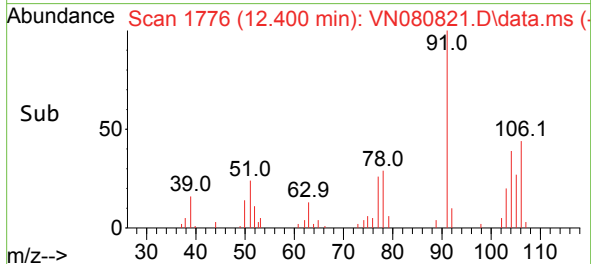
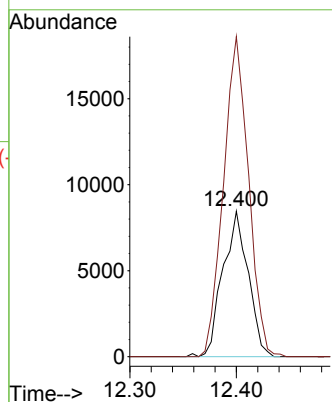
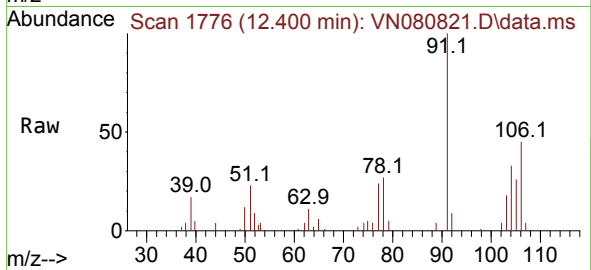




#69
o-Xylene
Concen: 5.257 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

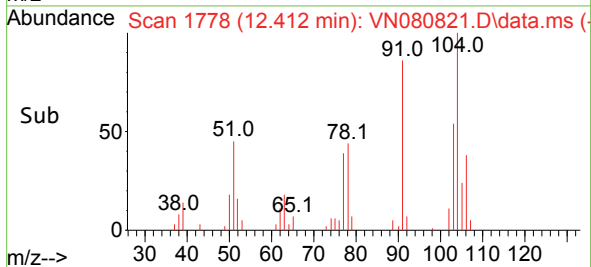
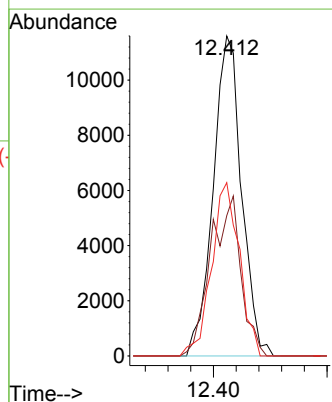
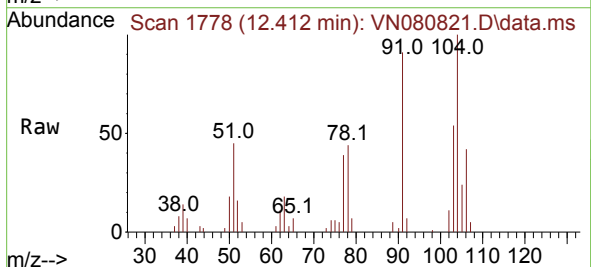
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

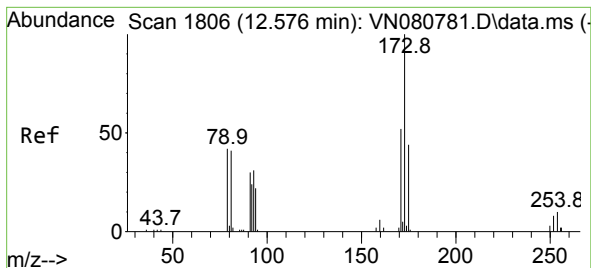
Tgt Ion:106 Resp: 13972
Ion Ratio Lower Upper
106 100
91 217.8 112.1 336.3



#70
Styrene
Concen: 4.708 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:104 Resp: 20097
Ion Ratio Lower Upper
104 100
78 53.5 43.8 65.8
103 53.1 44.2 66.2





#71

Bromoform

Concen: 5.361 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

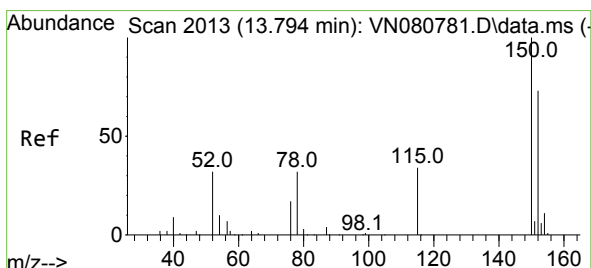
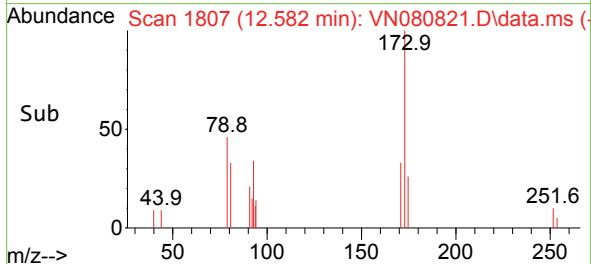
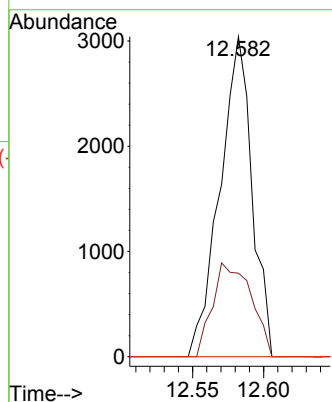
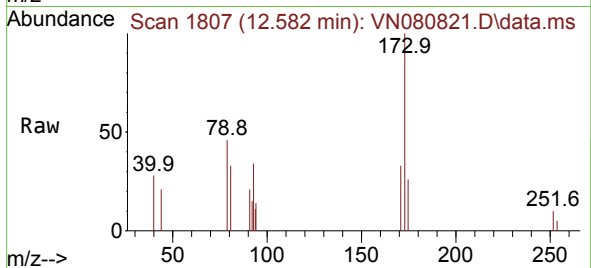
Tgt Ion:173 Resp: 4777

Ion Ratio Lower Upper

173 100

175 35.2 23.1 69.2

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. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

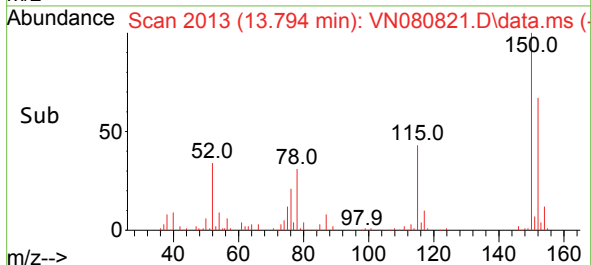
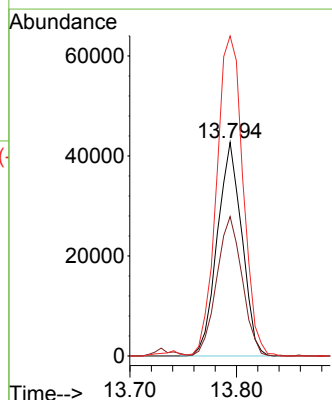
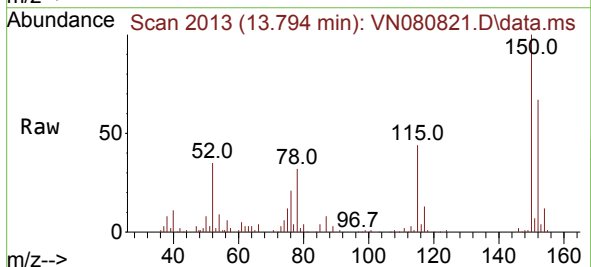
Tgt Ion:152 Resp: 68394

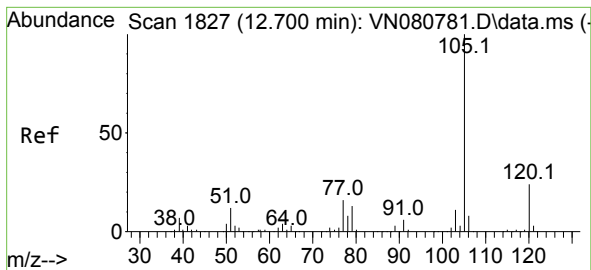
Ion Ratio Lower Upper

152 100

115 67.5 32.3 96.8

150 161.2 0.0 339.8





#73

Isopropylbenzene

Concen: 5.058 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

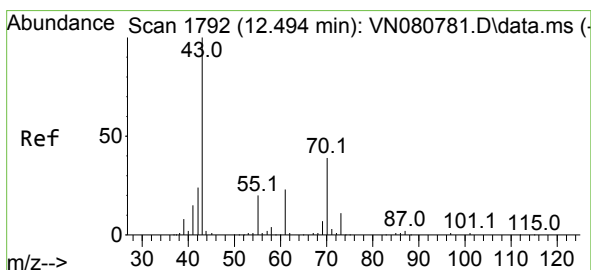
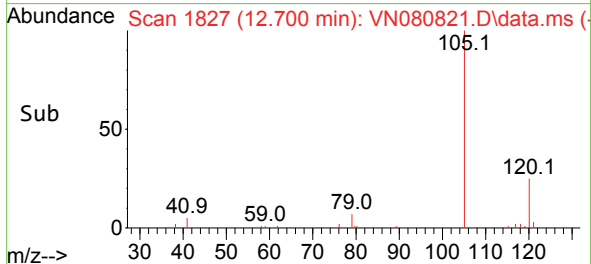
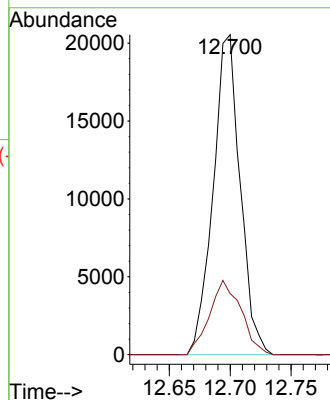
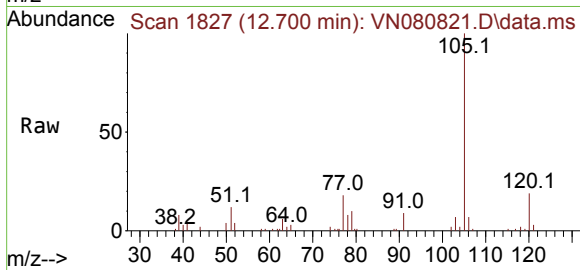
LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 31682

Ion Ratio Lower Upper

105 100

120 27.2 12.6 37.6



#74

N-ethyl acetate

Concen: 5.348 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion: 43 Resp: 20795

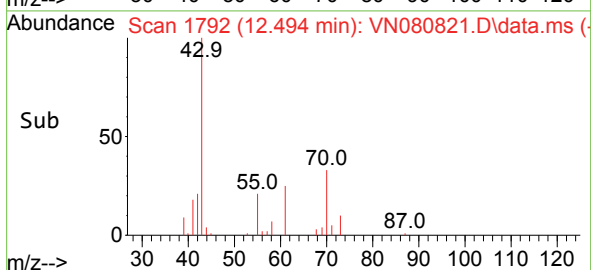
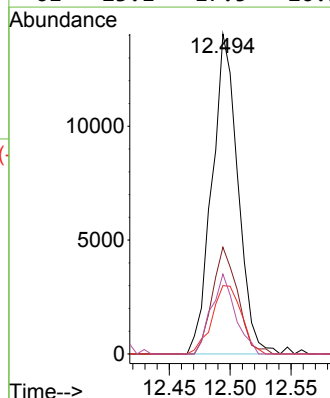
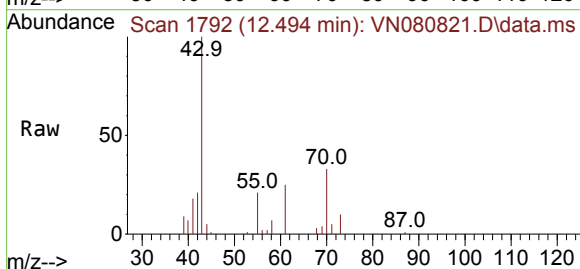
Ion Ratio Lower Upper

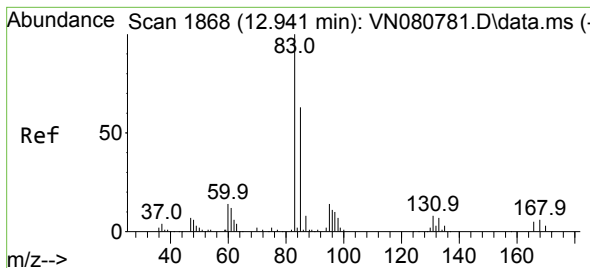
43 100

70 32.6 30.1 45.1

55 24.2 17.0 25.4

61 23.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.789 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

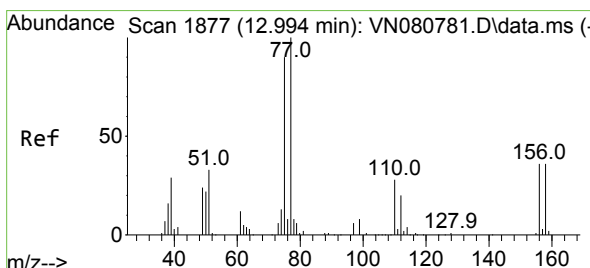
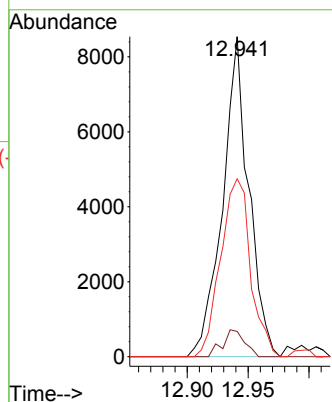
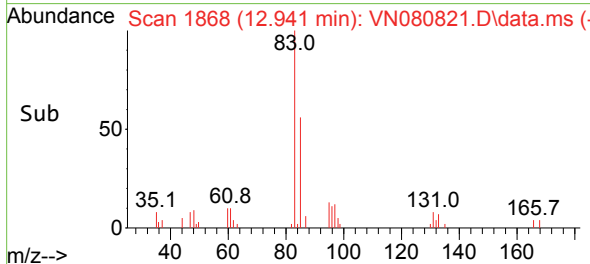
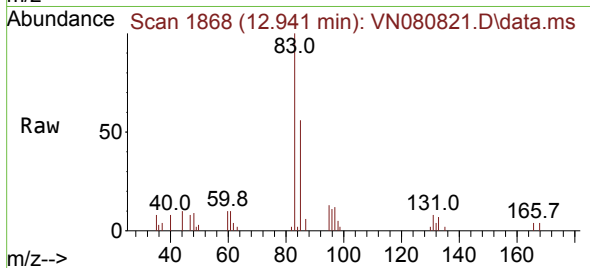
Tgt Ion: 83 Resp: 12753

Ion Ratio Lower Upper

83 100

131 7.0 4.1 12.3

85 63.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 7.369 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080821.D

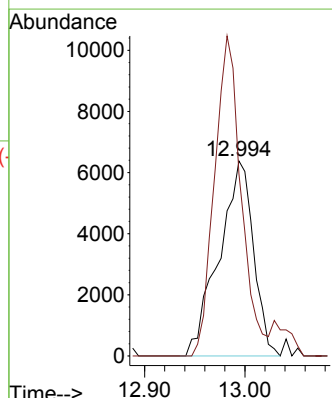
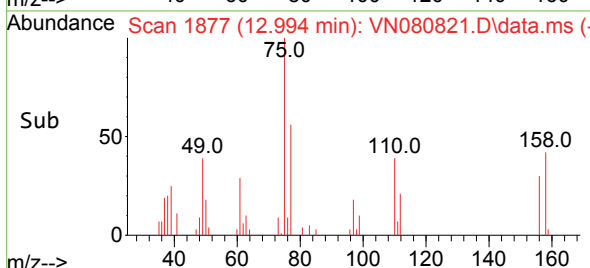
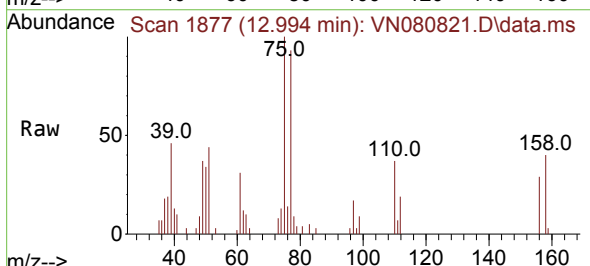
Acq: 30 Jan 2024 17:59

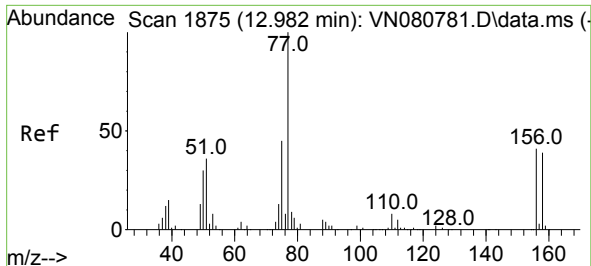
Tgt Ion: 75 Resp: 15200

Ion Ratio Lower Upper

75 100

77 127.4 91.0 272.8

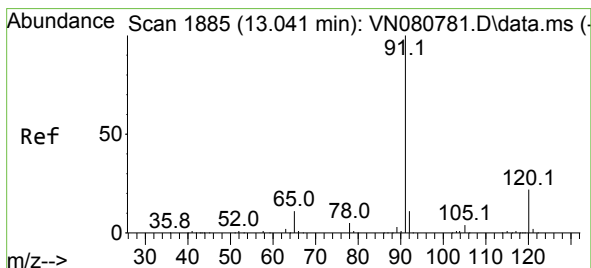
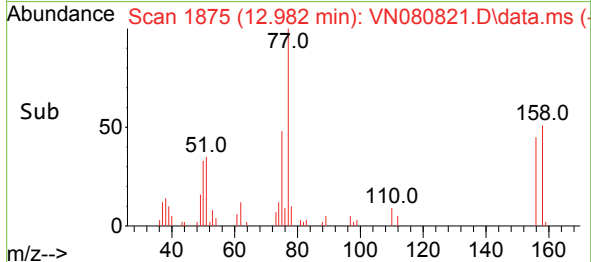
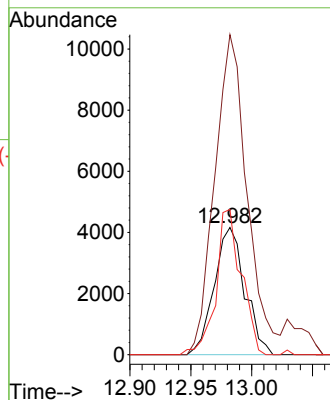
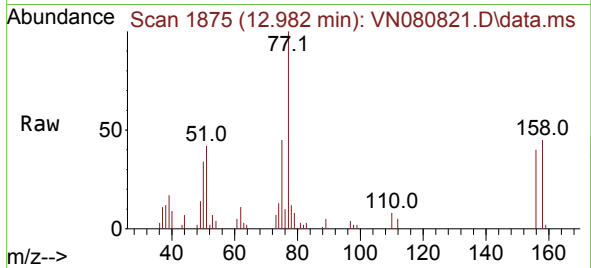




#77
Bromobenzene
Concen: 5.442 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

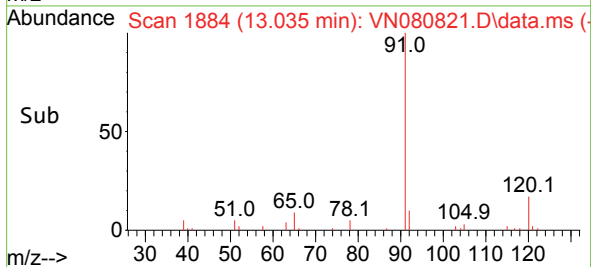
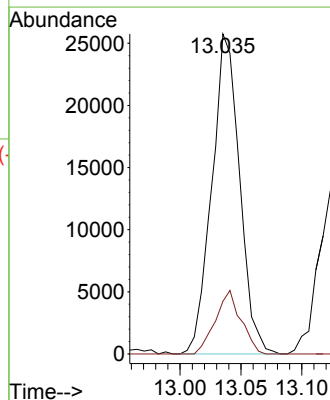
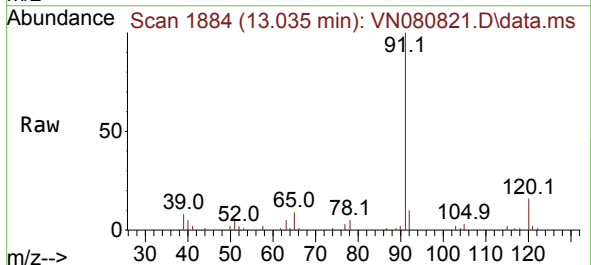
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

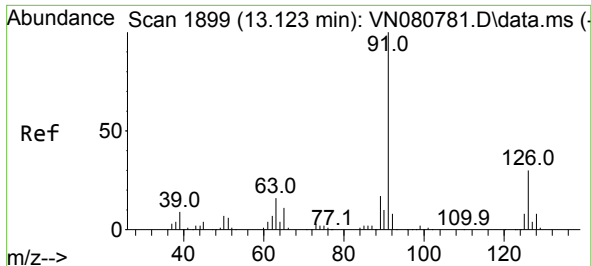
Tgt Ion:156 Resp: 7286
Ion Ratio Lower Upper
156 100
77 265.8 138.1 414.3
158 94.6 46.5 139.5



#78
n-propylbenzene
Concen: 5.470 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 91 Resp: 40931
Ion Ratio Lower Upper
91 100
120 18.2 10.3 30.9

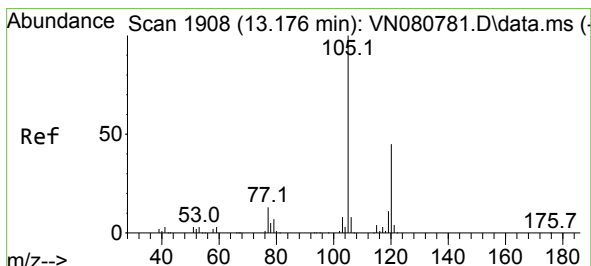
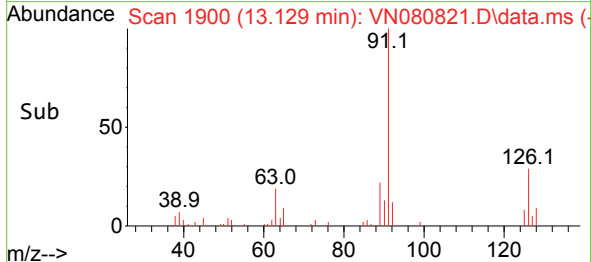
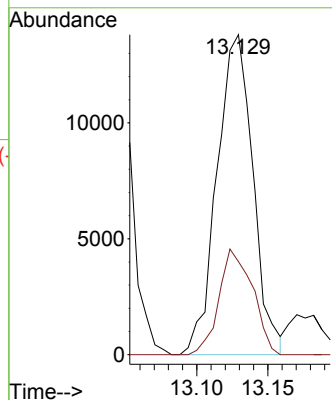
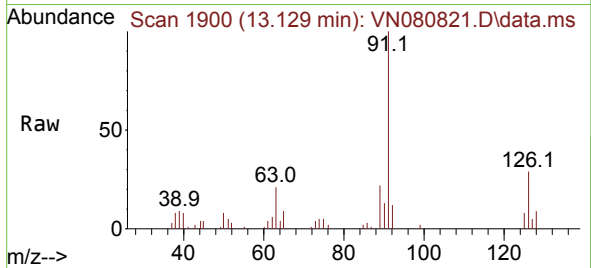




#79
2-Chlorotoluene
Concen: 5.121 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

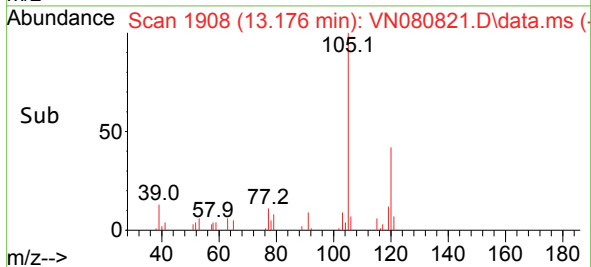
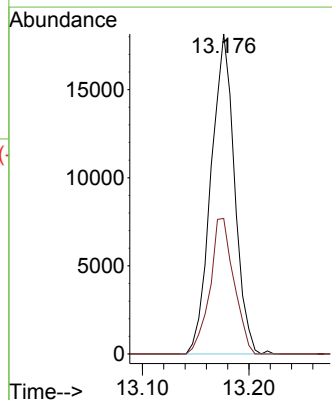
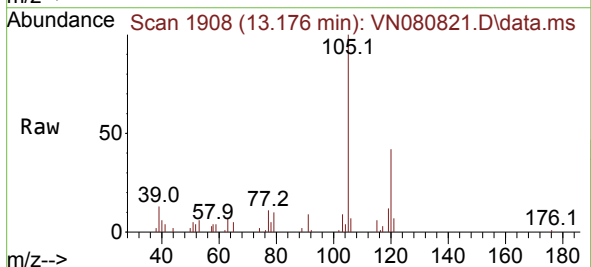
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

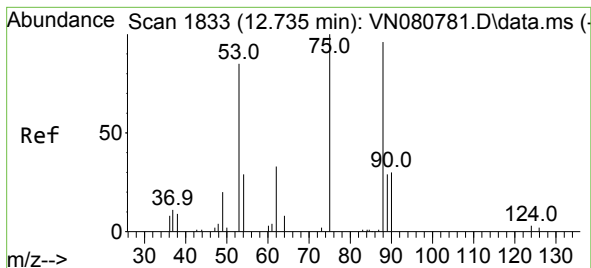
Tgt Ion: 91 Resp: 24354
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 5.576 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 105 Resp: 27811
Ion Ratio Lower Upper
105 100
120 43.3 23.0 69.0

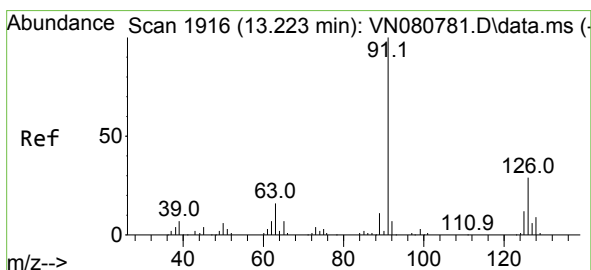
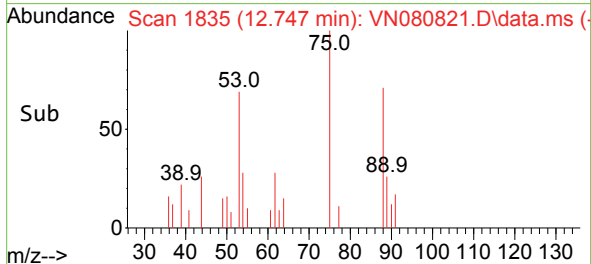
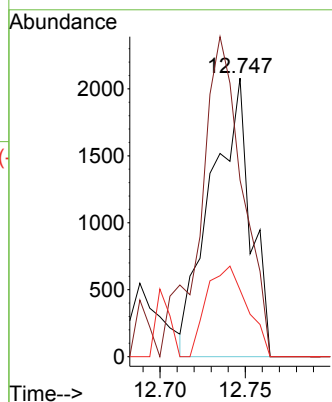
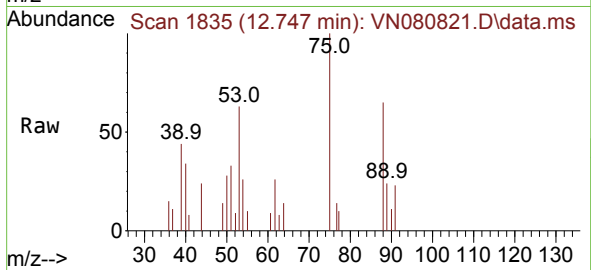




#81
trans-1,4-Dichloro-2-butene
Concen: 4.178 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.012 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

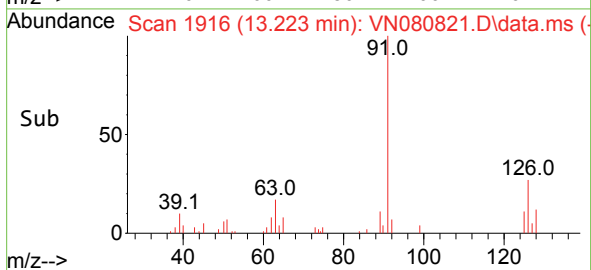
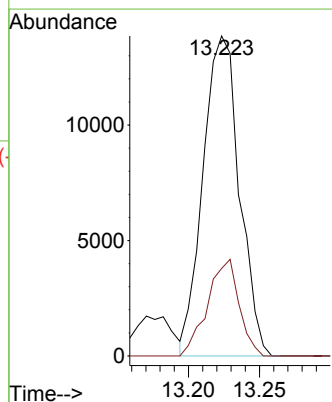
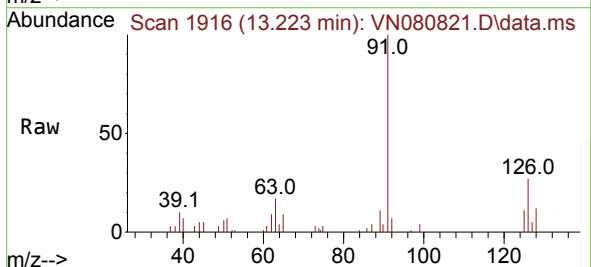
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024

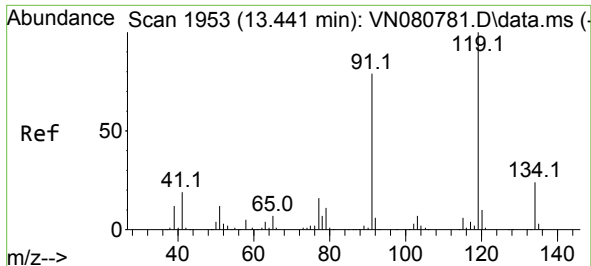
Tgt Ion: 75 Resp: 3345
Ion Ratio Lower Upper
75 100
53 123.0 71.4 107.2#
89 33.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 5.244 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 91 Resp: 24694
Ion Ratio Lower Upper
91 100
126 26.1 15.3 45.9

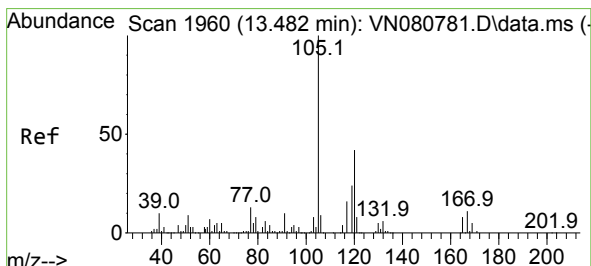
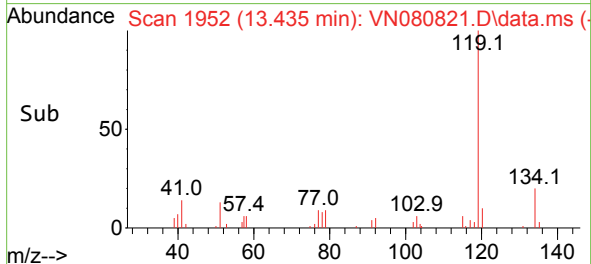
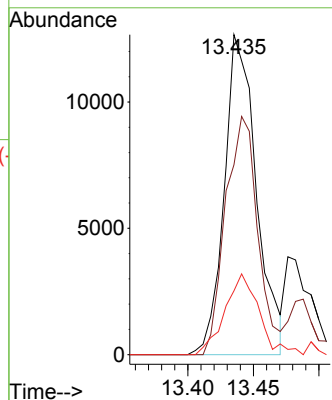
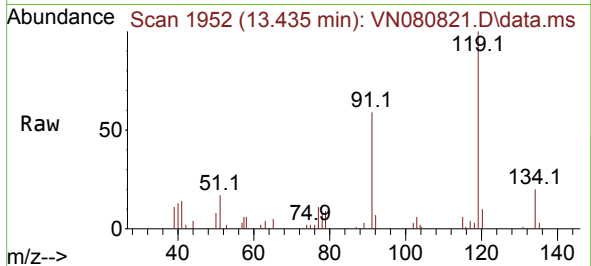




#83
tert-Butylbenzene
Concen: 5.412 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

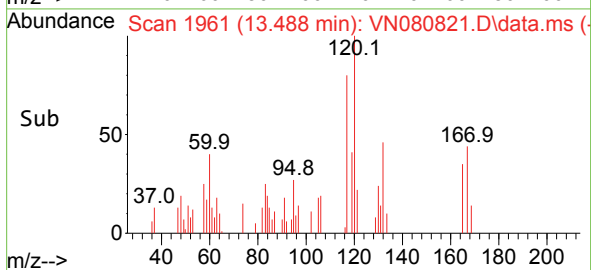
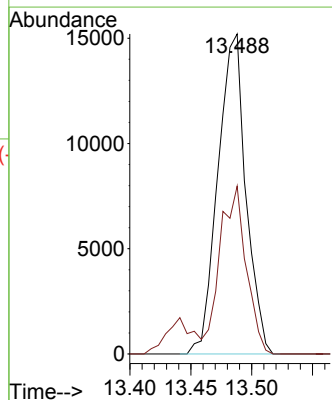
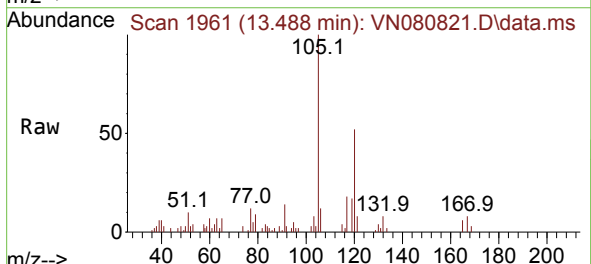
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

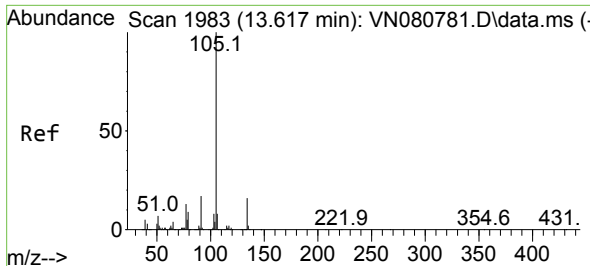
Tgt Ion:119 Resp: 21557
Ion Ratio Lower Upper
119 100
91 74.9 36.8 110.4
134 26.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 4.820 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:105 Resp: 24361
Ion Ratio Lower Upper
105 100
120 49.2 20.9 62.7

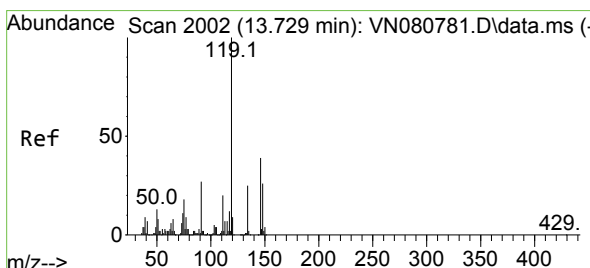
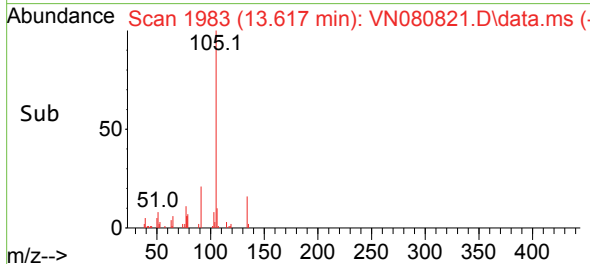
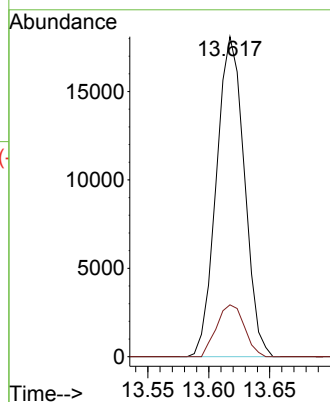
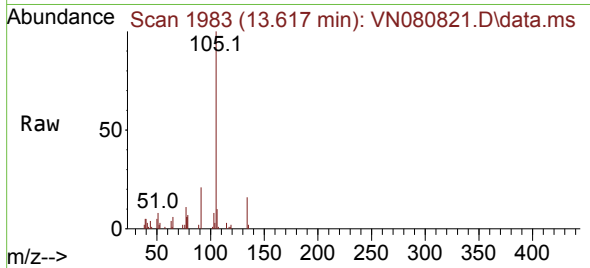




#85
 sec-Butylbenzene
 Concen: 4.928 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

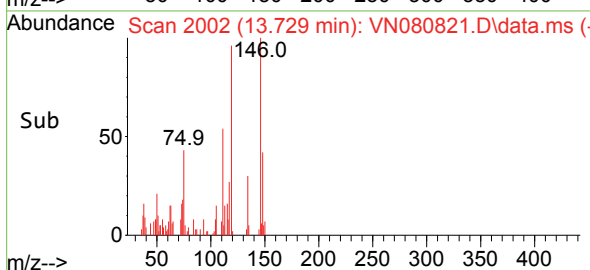
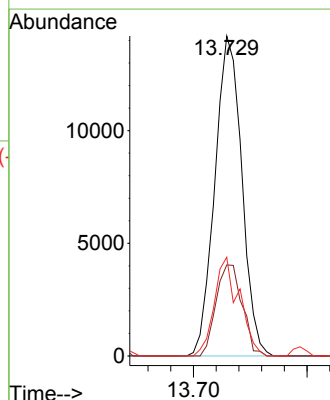
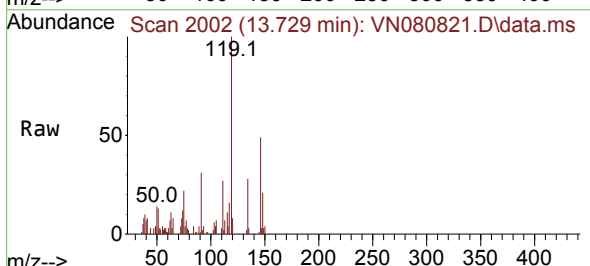
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT1-2024

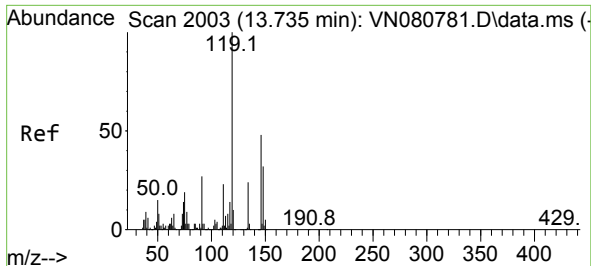
Tgt Ion:105 Resp: 28937
 Ion Ratio Lower Upper
 105 100
 134 16.1 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 5.127 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

Tgt Ion:119 Resp: 23398
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.4 37.2
 91 28.6 13.5 40.4

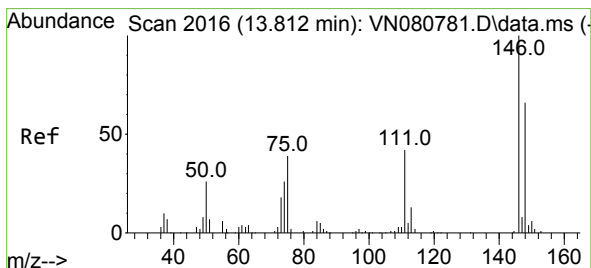
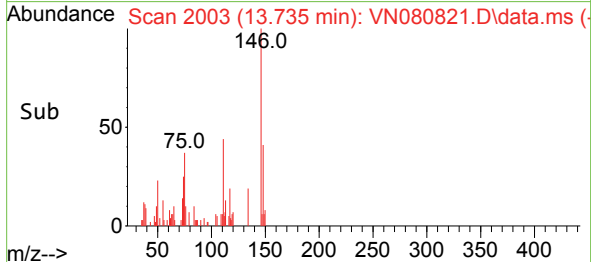
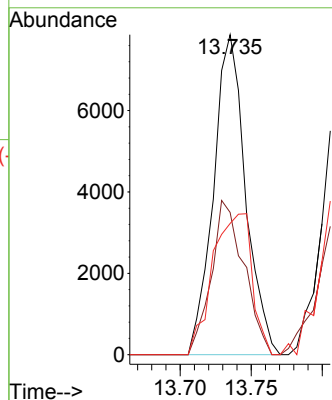
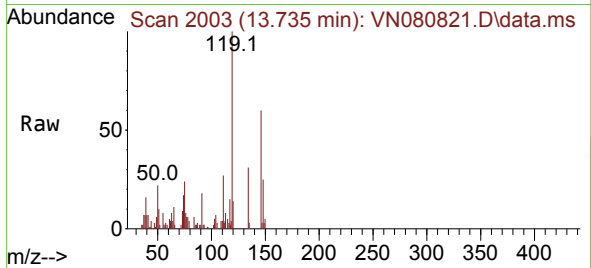




#87
1,3-Dichlorobenzene
Concen: 5.160 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

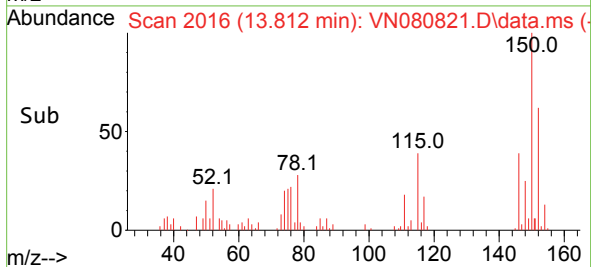
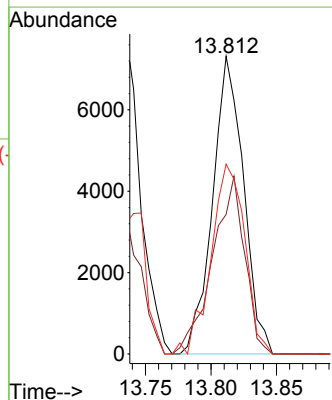
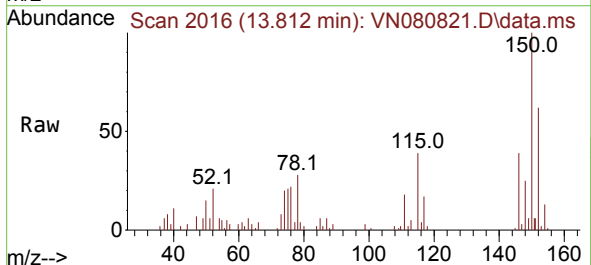
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

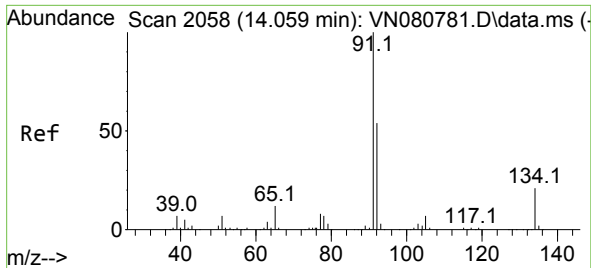
Tgt Ion:146 Resp: 12357
Ion Ratio Lower Upper
146 100
111 49.0 23.9 71.7
148 53.9 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 4.998 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:146 Resp: 12000
Ion Ratio Lower Upper
146 100
111 61.9 22.6 67.7
148 69.5 31.9 95.5

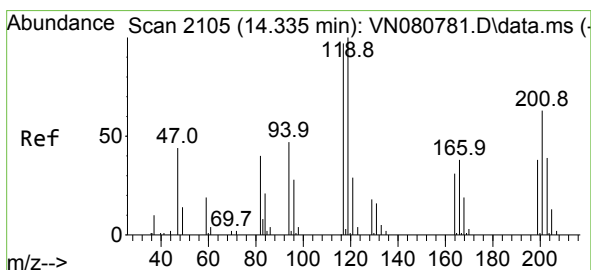
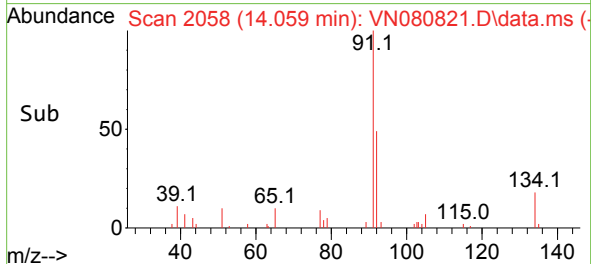
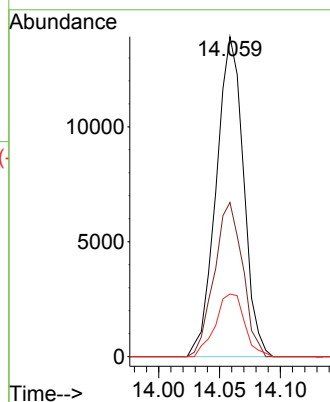
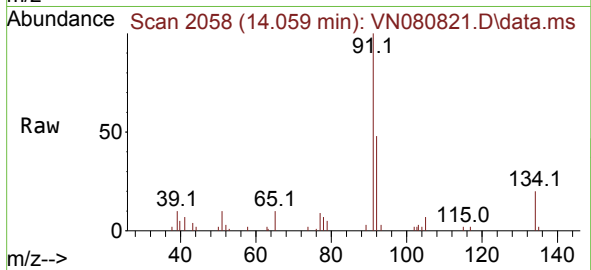




#89
n-Butylbenzene
Concen: 4.869 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

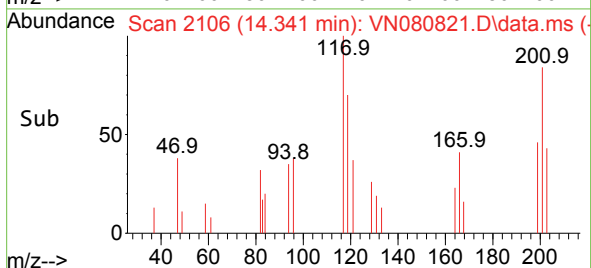
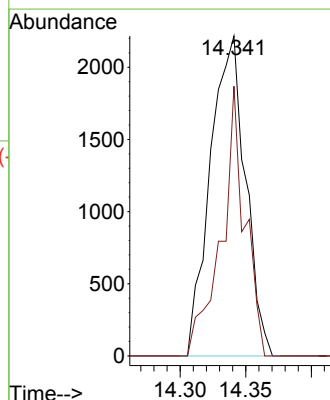
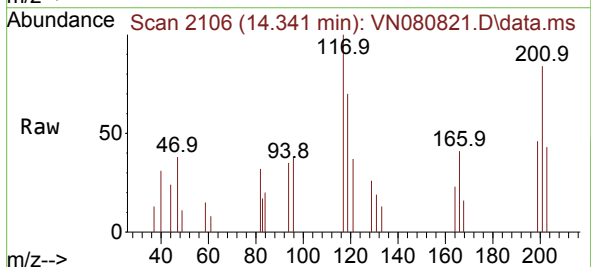
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

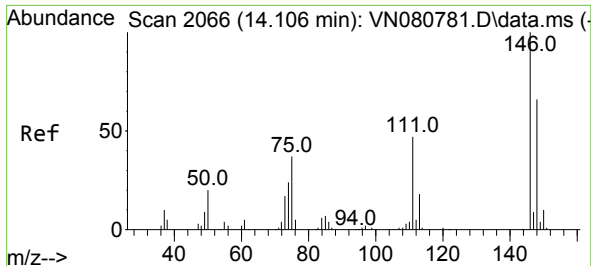
Tgt Ion: 91	Resp: 21743
Ion Ratio	Lower Upper
91 100	
92 50.0	26.7 80.1
134 21.0	10.8 32.4



#90
Hexachloroethane
Concen: 5.163 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion:117	Resp:	4123	
Ion	Ratio	Lower	Upper
117	100		
201	56.3	30.0	90.0

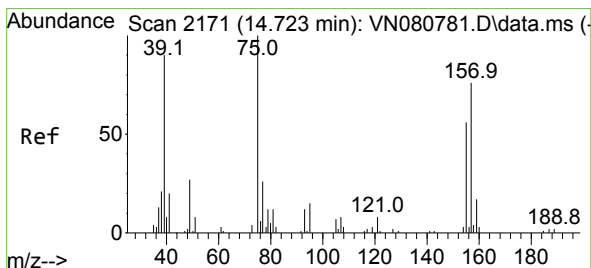
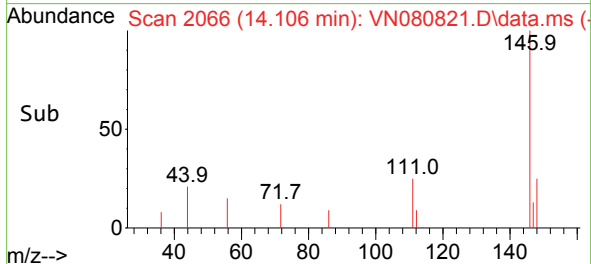
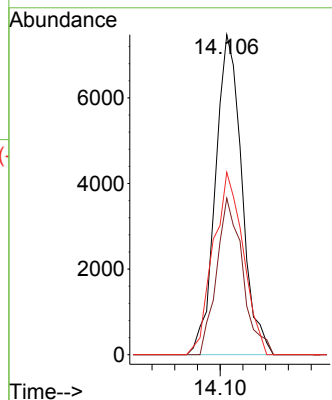
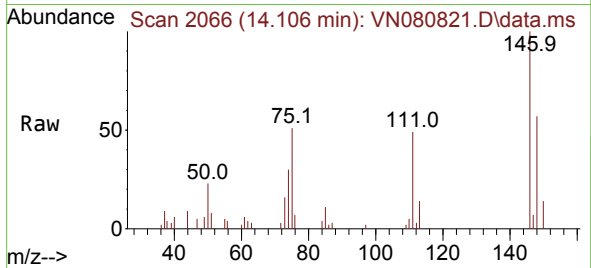




#91
1,2-Dichlorobenzene
Concen: 5.501 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

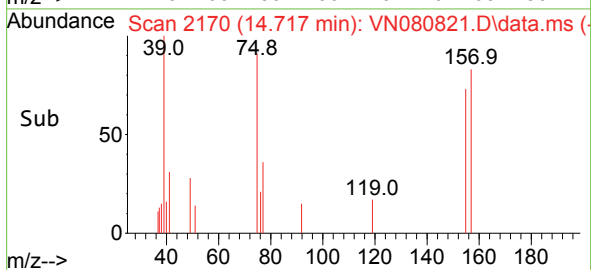
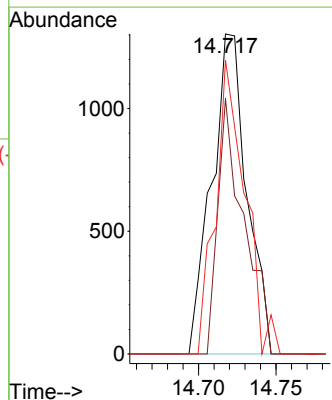
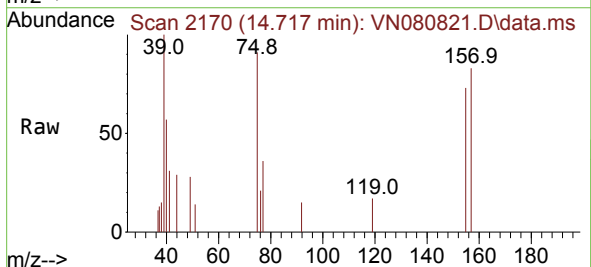
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

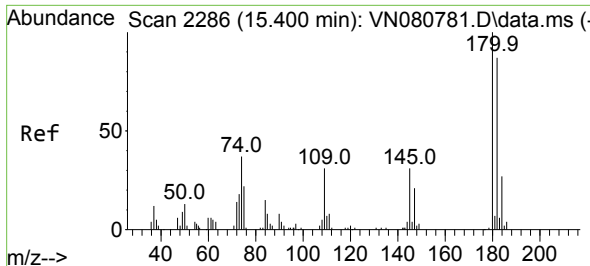
Tgt Ion:146 Resp: 12058
Ion Ratio Lower Upper
146 100
111 48.3 23.9 71.8
148 64.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.010 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080821.D
Acq: 30 Jan 2024 17:59

Tgt Ion: 75 Resp: 2063
Ion Ratio Lower Upper
75 100
155 58.9 31.8 95.4
157 76.6 41.1 123.4

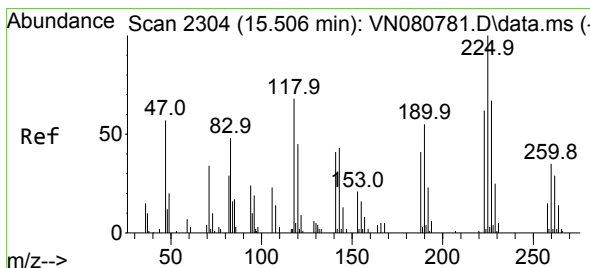
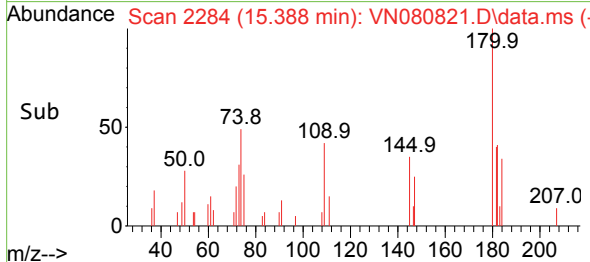
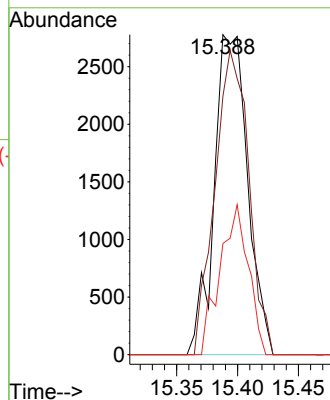
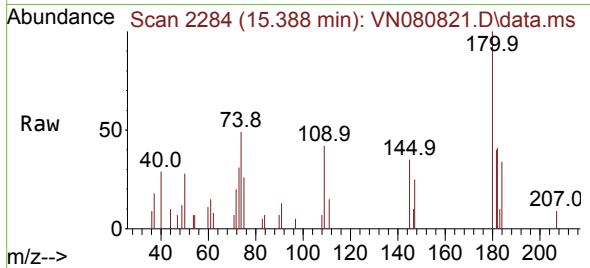




#93
 1,2,4-Trichlorobenzene
 Concen: 4.741 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

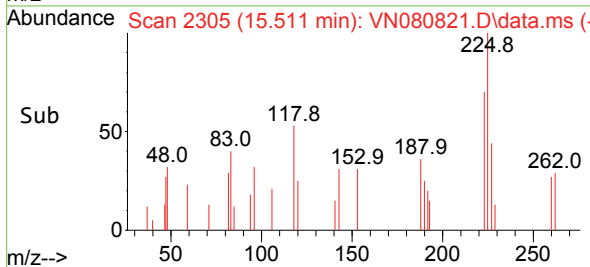
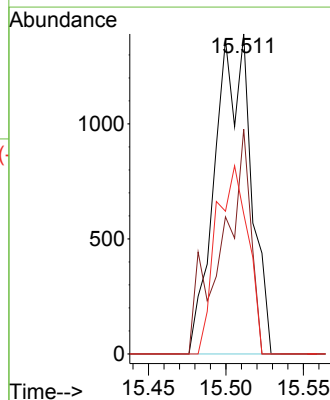
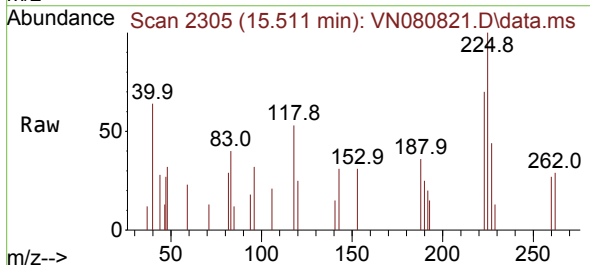
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

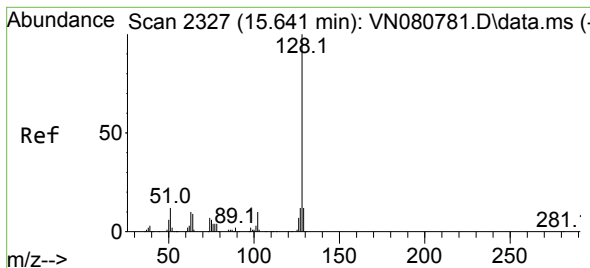
Tgt Ion:180	Resp:	5348
Ion Ratio	Lower	Upper
180	100	
182	95.8	46.6 139.7
145	39.6	16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 4.512 ug/l
 RT: 15.511 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN080821.D
 Acq: 30 Jan 2024 17:59

Tgt Ion:225	Resp:	2224
Ion Ratio	Lower	Upper
225	100	
223	56.1	33.3 99.8
227	52.6	33.1 99.2





#95

Naphthalene

Concen: 4.461 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

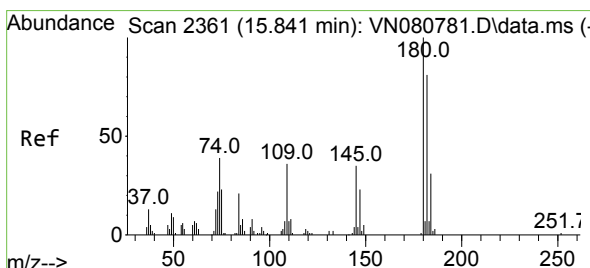
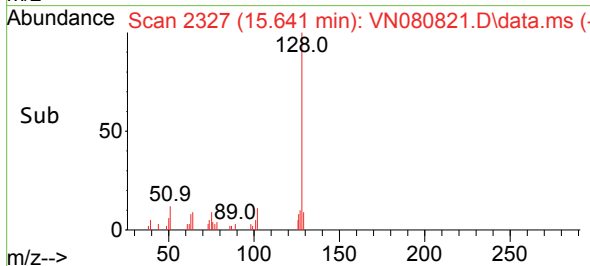
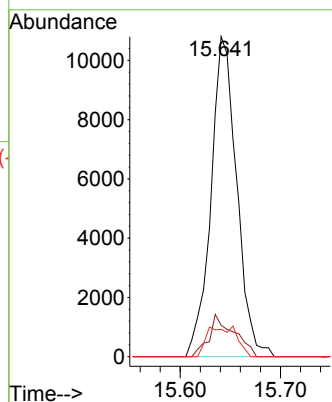
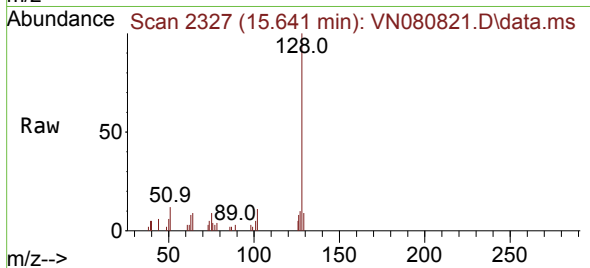
Tgt Ion:128 Resp: 19259

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.321 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080821.D

Acq: 30 Jan 2024 17:59

Tgt Ion:180 Resp: 5900

Ion Ratio Lower Upper

180 100

182 77.7 46.5 139.3

145 25.7 17.8 53.4

