

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082144.D
 Acq On : 15 May 2024 20:26
 Operator : JC\MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 16 06:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144121	50.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.160%	
35) Dibromofluoromethane	8.165	113	95644	49.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.640%	
50) Toluene-d8	10.570	98	365841	49.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	12.853	95	122400	46.593	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	12436	4.780	ug/l	100
3) Chloromethane	2.365	50	14935	5.065	ug/l	98
4) Vinyl Chloride	2.518	62	13903	5.015	ug/l	90
5) Bromomethane	2.953	94	8794	5.519	ug/l	90
6) Chloroethane	3.118	64	10036	5.545	ug/l #	89
7) Trichlorofluoromethane	3.500	101	18732	5.160	ug/l	89
8) Diethyl Ether	3.959	74	6622	5.121	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.365	101	10268	4.842	ug/l	96
10) Methyl Iodide	4.583	142	8913	4.181	ug/l #	93
11) Tert butyl alcohol	5.530	59	11997	26.228	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	10147	5.148	ug/l #	74
13) Acrolein	4.183	56	6741	19.887	ug/l	97
14) Allyl chloride	5.030	41	21000	4.977	ug/l #	86
15) Acrylonitrile	5.718	53	30818	26.014	ug/l	99
16) Acetone	4.436	43	28937	24.755	ug/l	91
17) Carbon Disulfide	4.718	76	30283	4.757	ug/l #	91
18) Methyl Acetate	5.024	43	15218	5.228	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	35832	4.974	ug/l	99
20) Methylene Chloride	5.277	84	12558	5.325	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	10628	4.948	ug/l	96
22) Diisopropyl ether	6.671	45	43714	4.961	ug/l #	89
23) Vinyl Acetate	6.600	43	162040	23.325	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	22773	5.014	ug/l	95
25) 2-Butanone	7.482	43	44685	25.213	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	17332	4.556	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	13055	5.151	ug/l	81
28) Bromochloromethane	7.812	49	12416	5.867	ug/l #	73
29) Tetrahydrofuran	7.841	42	29606	26.018	ug/l #	79
30) Chloroform	7.965	83	21953	5.062	ug/l	94
31) Cyclohexane	8.259	56	25152	5.526	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	18918	4.917	ug/l	89
36) 1,1-Dichloropropene	8.371	75	16077	4.993	ug/l	95
37) Ethyl Acetate	7.559	43	18524	5.141	ug/l #	93
38) Carbon Tetrachloride	8.359	117	15384	4.713	ug/l	96
39) Methylcyclohexane	9.606	83	16603	4.704	ug/l #	84
40) Benzene	8.606	78	48685	5.071	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	10732	5.064	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	20042	5.428	ug/l	94
43) Isopropyl Acetate	8.688	43	32431	5.080	ug/l #	90
44) Trichloroethene	9.353	130	10599	4.860	ug/l	87
45) 1,2-Dichloropropane	9.623	63	12321	4.974	ug/l	98
46) Dibromomethane	9.706	93	8211	5.049	ug/l	97
47) Bromodichloromethane	9.888	83	17111	4.984	ug/l	95
48) Methyl methacrylate	9.682	41	14959	4.917	ug/l #	81
49) 1,4-Dioxane	9.694	88	4199	98.497	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	90371	24.912	ug/l	89
52) Toluene	10.629	92	28888	5.014	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	16326	4.598	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	17419	4.634	ug/l #	75
55) 1,1,2-Trichloroethane	11.018	97	10785	5.151	ug/l	98
56) Ethyl methacrylate	10.876	69	17399	4.894	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	19822	5.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	45476	24.801	ug/l	89
59) 2-Hexanone	11.200	43	64218	24.177	ug/l	88
60) Dibromochloromethane	11.359	129	11250	4.869	ug/l	97
61) 1,2-Dibromoethane	11.470	107	10934	5.084	ug/l	95
64) Tetrachloroethene	11.106	164	10510	4.990	ug/l	96
65) Chlorobenzene	11.894	112	30169	4.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	10059	4.865	ug/l	99
67) Ethyl Benzene	11.965	91	52379	4.664	ug/l	95
68) m/p-Xylenes	12.070	106	38846	9.439	ug/l	96
69) o-Xylene	12.400	106	18409	4.618	ug/l	92
70) Styrene	12.412	104	29752	4.493	ug/l	95
71) Bromoform	12.576	173	7291	4.910	ug/l #	93
73) Isopropylbenzene	12.694	105	45920	4.809	ug/l	98
74) N-amyl acetate	12.494	43	24324	4.631	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	14376	5.223	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	19959	7.890	ug/l	65
77) Bromobenzene	12.982	156	11093	4.875	ug/l	84
78) n-propylbenzene	13.035	91	54800	4.847	ug/l	94
79) 2-Chlorotoluene	13.129	91	35120	4.946	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	37447	4.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	4518	4.177	ug/l #	73
82) 4-Chlorotoluene	13.223	91	34740	5.004	ug/l	92
83) tert-Butylbenzene	13.441	119	32431	4.801	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	36743	4.652	ug/l	100
85) sec-Butylbenzene	13.617	105	44500	4.753	ug/l	95
86) p-Isopropyltoluene	13.729	119	33940	4.461	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	19702	4.779	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	20381	4.844	ug/l	88
89) n-Butylbenzene	14.059	91	30326	4.434	ug/l	97
90) Hexachloroethane	14.335	117	6726	4.771	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	18937	4.853	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2865	5.066	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	9285	4.245	ug/l	93
94) Hexachlorobutadiene	15.505	225	4449	4.635	ug/l	99
95) Naphthalene	15.641	128	28779	4.198	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	9052	4.134	ug/l	95

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QLast Update : Thu May 16 06:08:03 2024
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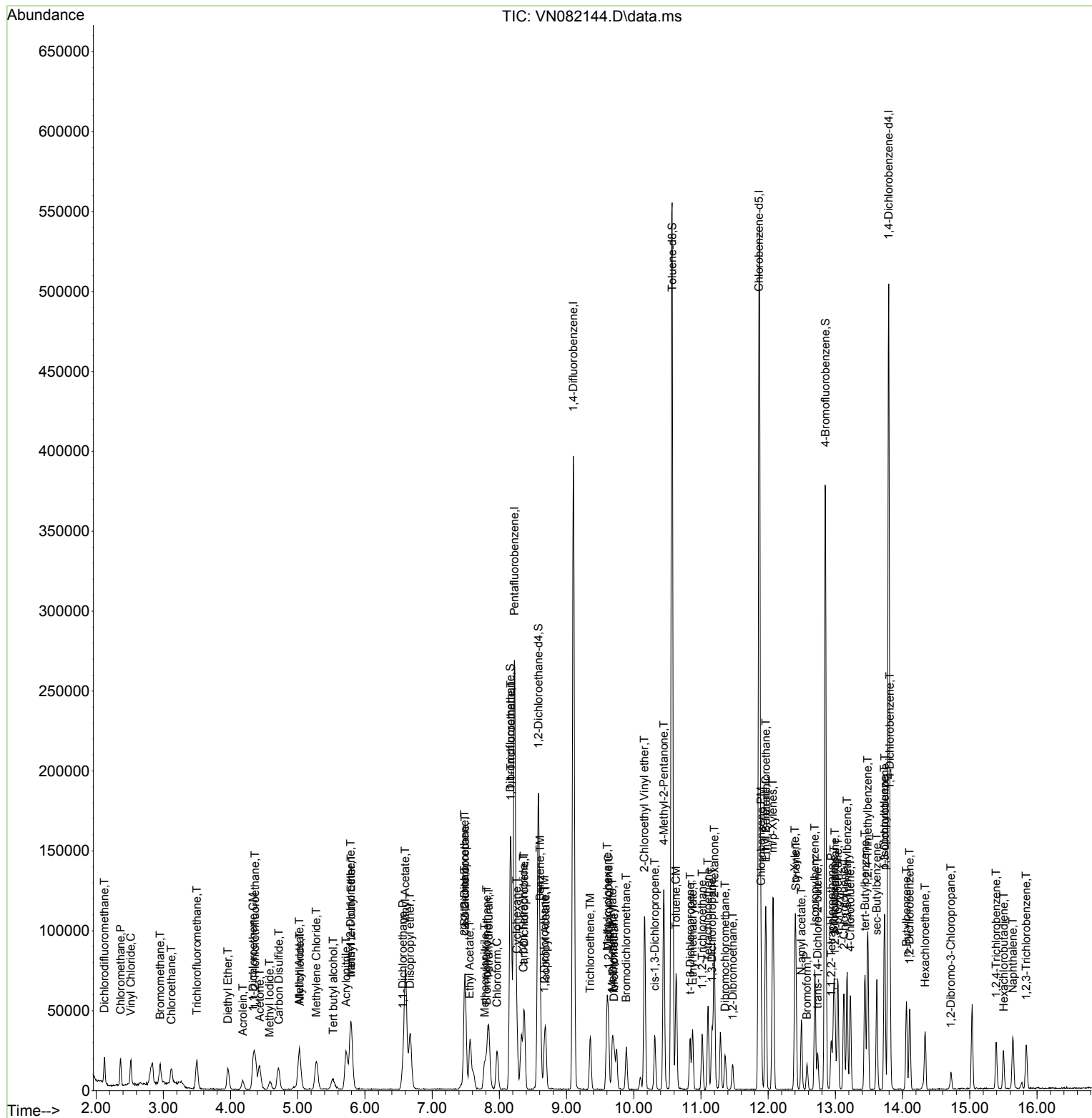
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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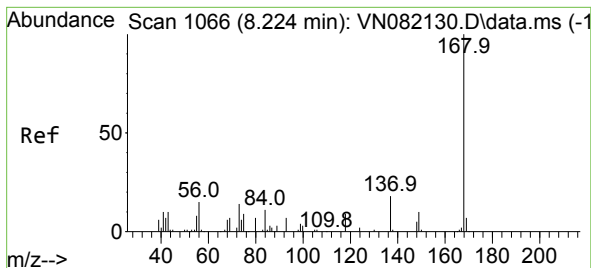
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

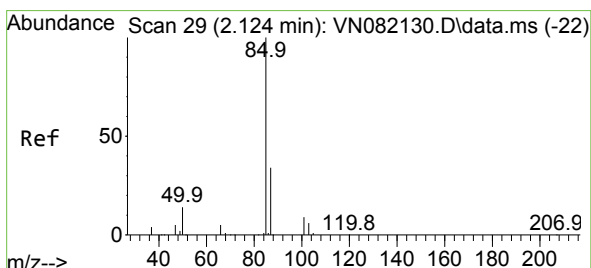
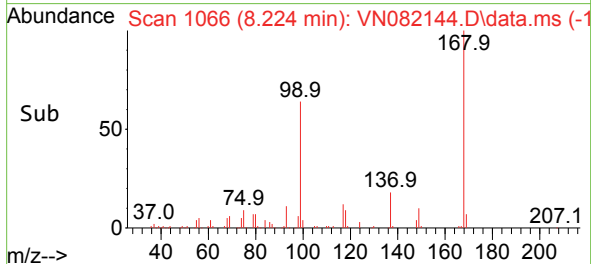
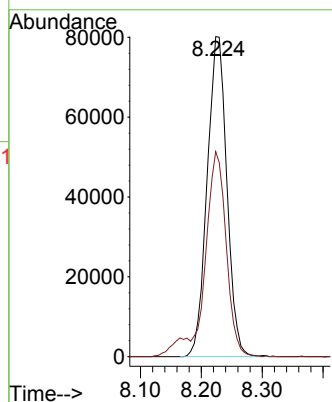
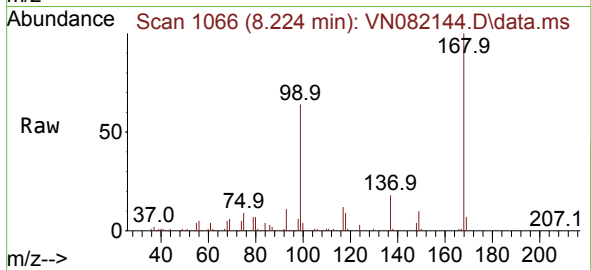
LOQ-WATER-02-QT2-2024

Tgt Ion:168 Resp: 180464

Ion Ratio Lower Upper

168 100

99 64.1 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 4.780 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082144.D

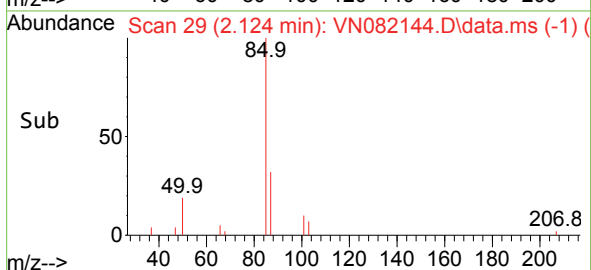
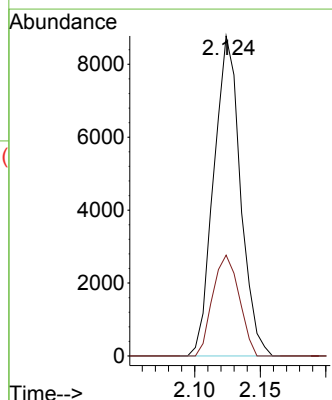
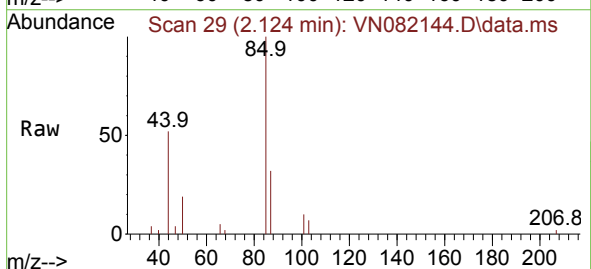
Acq: 15 May 2024 20:26

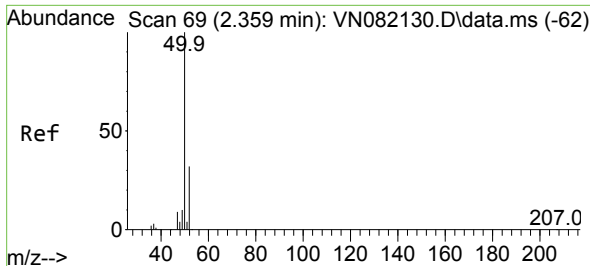
Tgt Ion: 85 Resp: 12436

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4

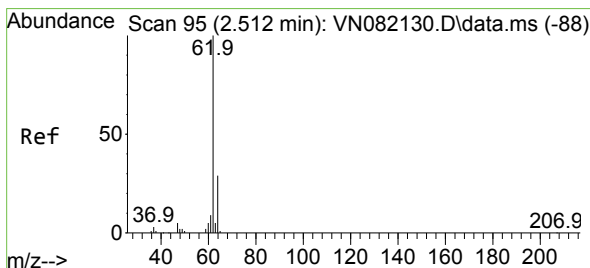
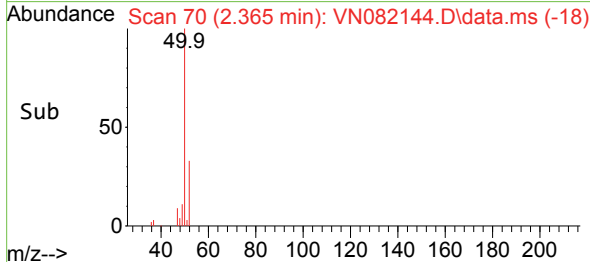
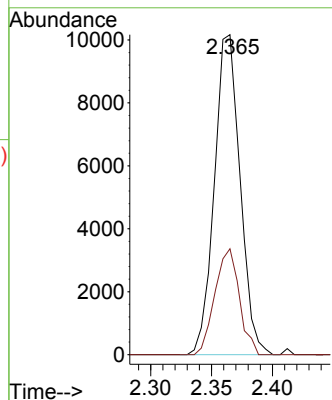
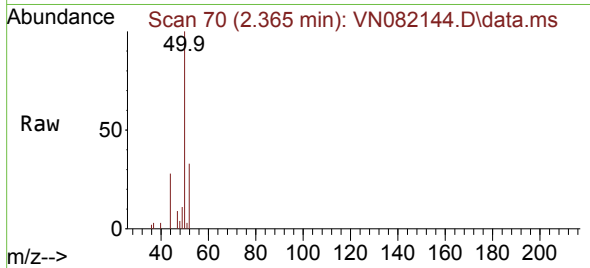




#3
Chloromethane
Concen: 5.065 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

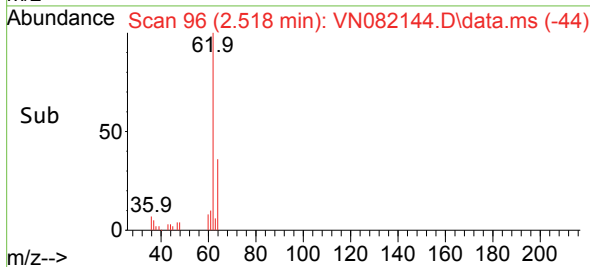
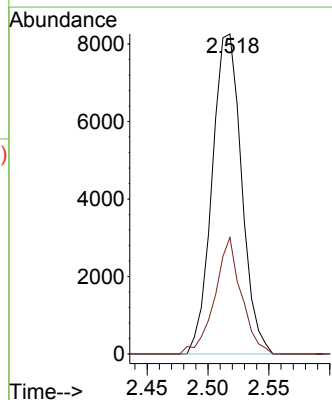
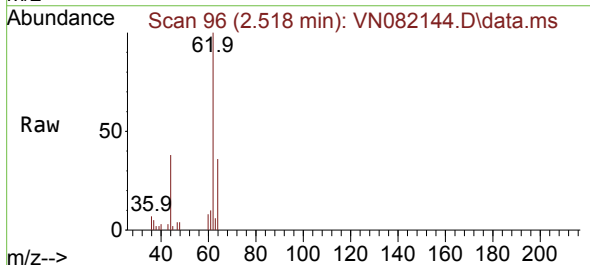
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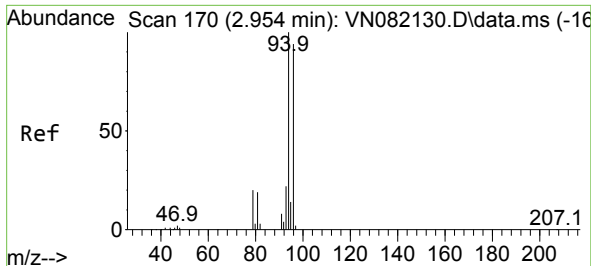
Tgt Ion: 50 Resp: 14935
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3



#4
Vinyl Chloride
Concen: 5.015 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 62 Resp: 13903
Ion Ratio Lower Upper
62 100
64 36.4 24.6 37.0

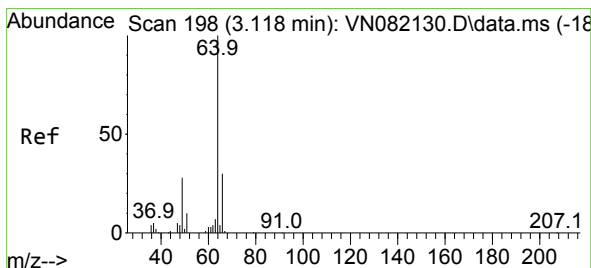
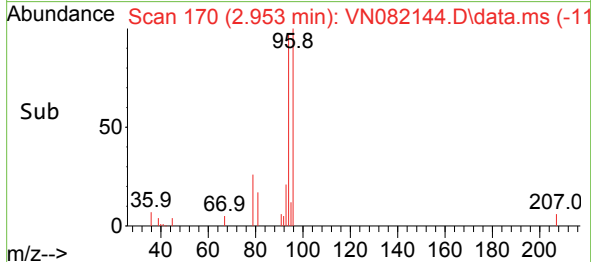
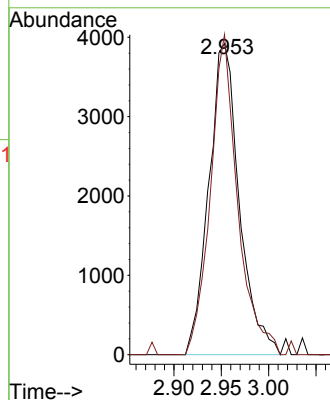
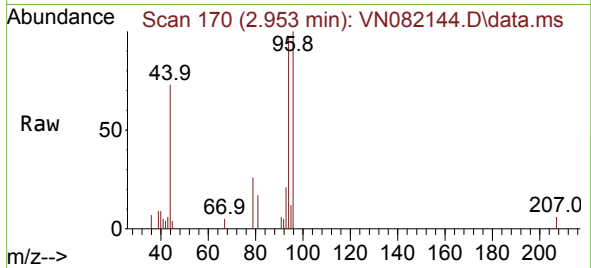




#5
Bromomethane
Concen: 5.519 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082144.D
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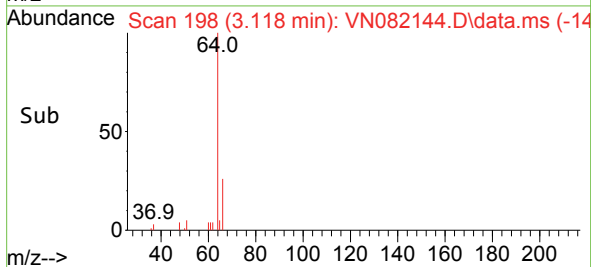
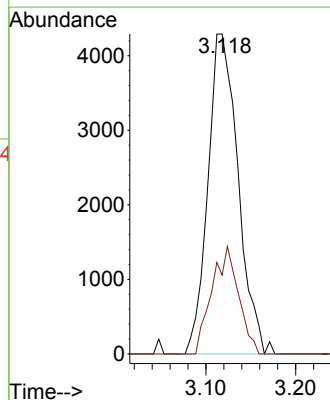
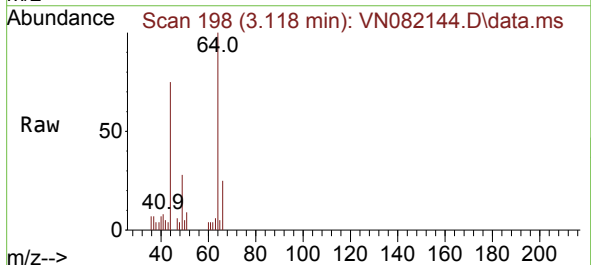
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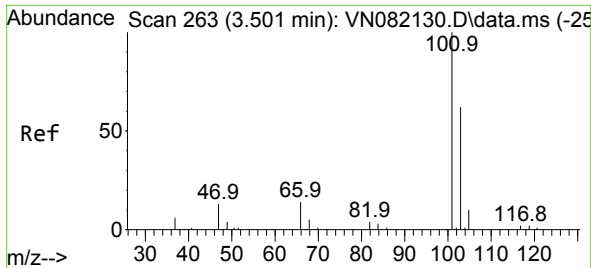
Tgt Ion: 94 Resp: 8794
Ion Ratio Lower Upper
94 100
96 102.9 74.8 112.2



#6
Chloroethane
Concen: 5.545 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082144.D
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Tgt Ion: 64 Resp: 10036
Ion Ratio Lower Upper
64 100
66 24.6 24.7 37.1#

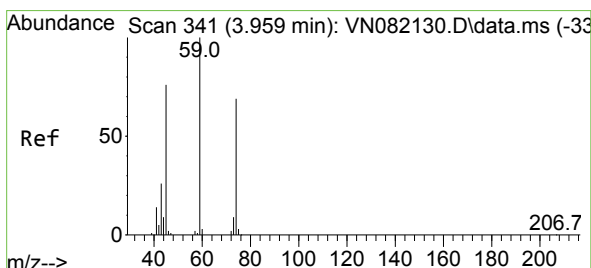
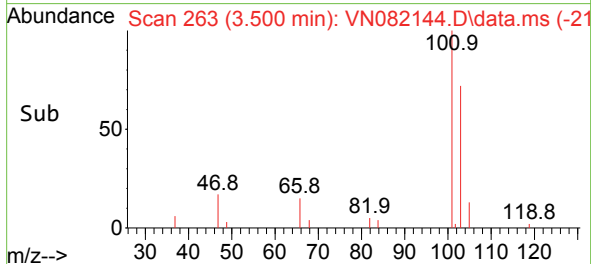
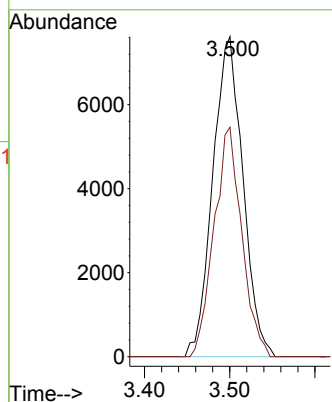
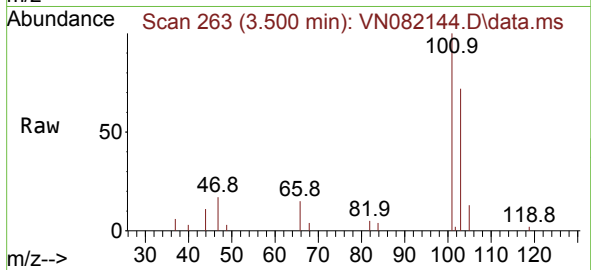




#7
 Trichlorofluoromethane
 Concen: 5.160 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

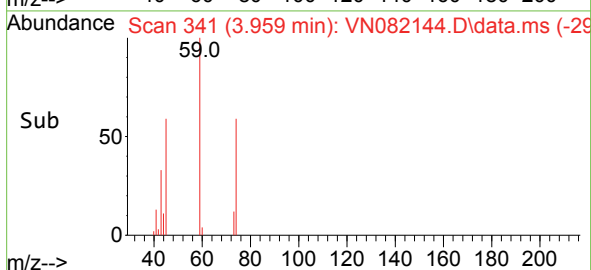
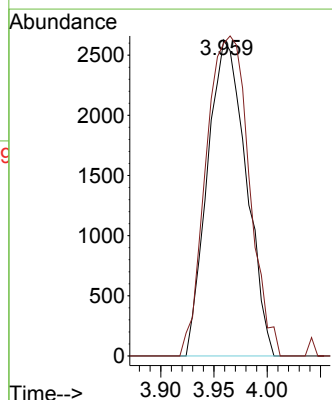
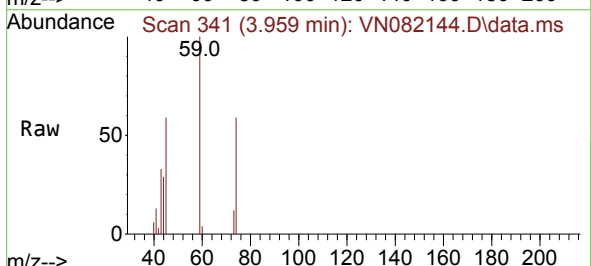
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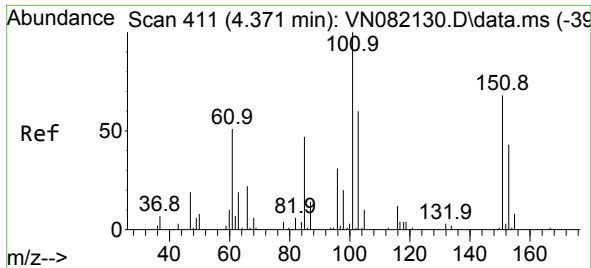
Tgt Ion:101 Resp: 18732
 Ion Ratio Lower Upper
 101 100
 103 71.7 50.6 75.8



#8
 Diethyl Ether
 Concen: 5.121 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

Tgt Ion: 74 Resp: 6622
 Ion Ratio Lower Upper
 74 100
 45 113.0 42.4 127.3

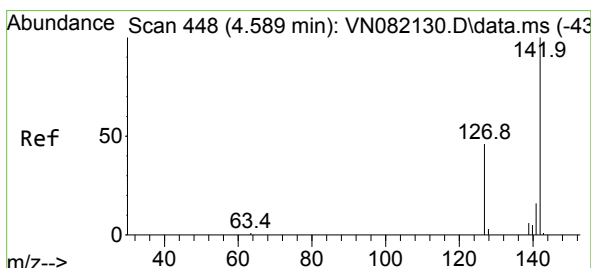
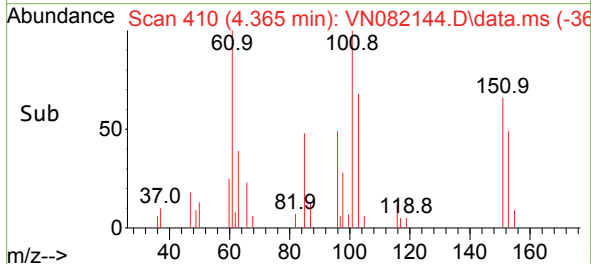
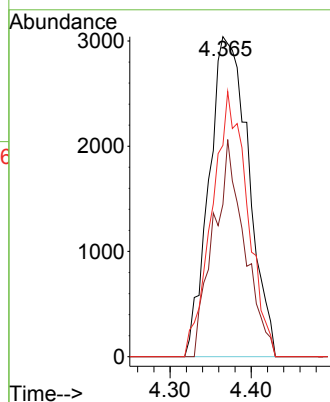
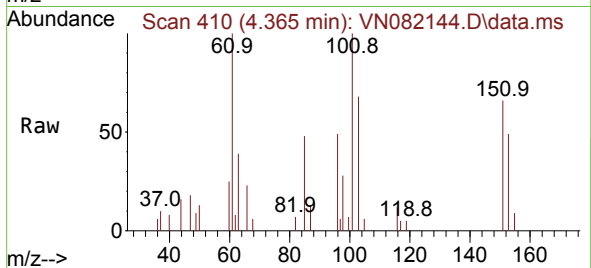




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.842 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

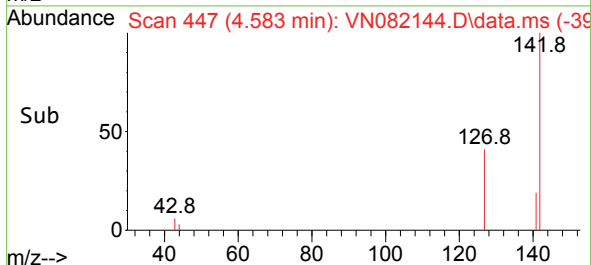
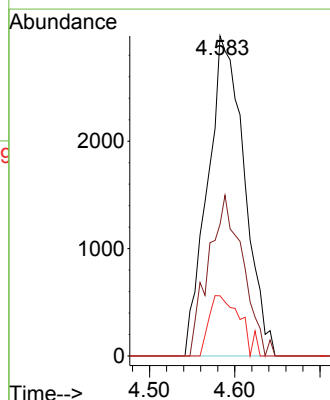
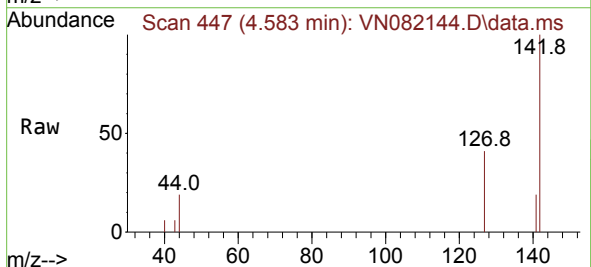
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

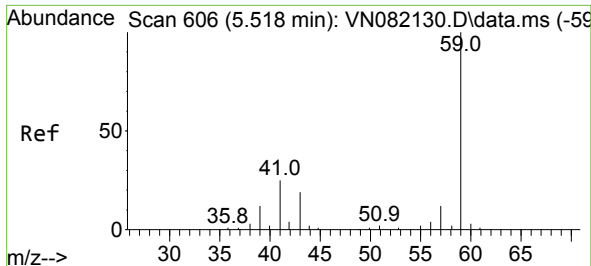
Tgt Ion:101	Resp:	10268
Ion	Ratio	Lower Upper
101	100	
85	53.3	37.3 55.9
151	74.5	59.2 88.8



#10
Methyl Iodide
Concen: 4.181 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:142	Resp:	8913
Ion	Ratio	Lower Upper
142	100	
127	41.1	35.8 53.6
141	18.8	11.4 17.2#

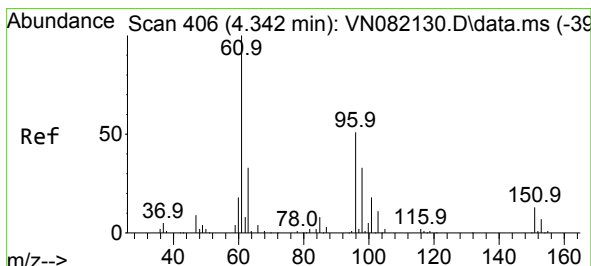
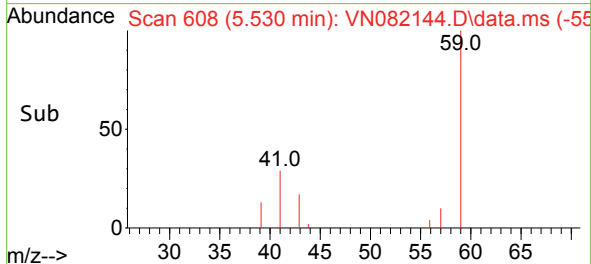
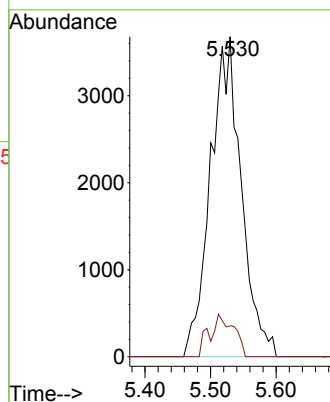
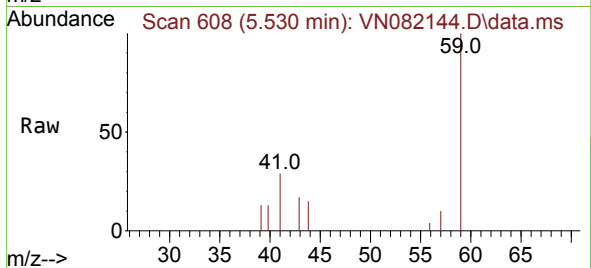




#11
Tert butyl alcohol
Concen: 26.228 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

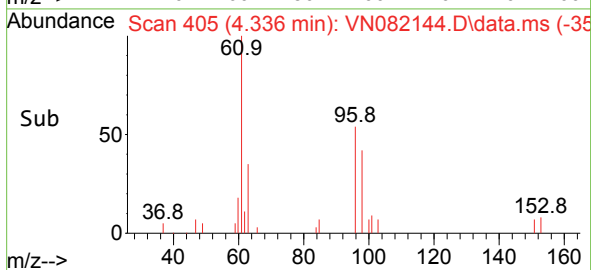
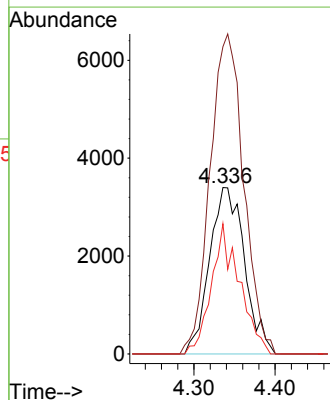
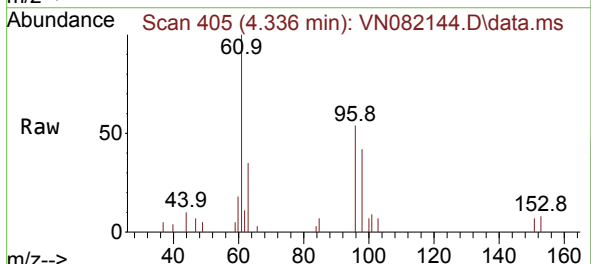
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

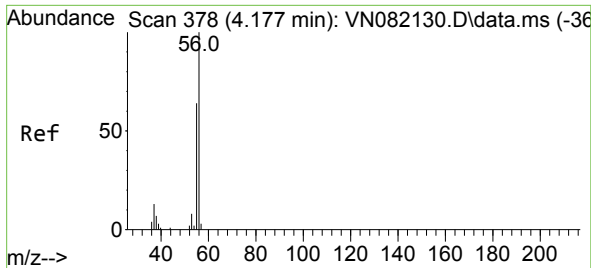
Tgt Ion: 59 Resp: 11997
Ion Ratio Lower Upper
59 100
57 8.0 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 5.148 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 96 Resp: 10147
Ion Ratio Lower Upper
96 100
61 184.6 119.7 179.5#
98 78.2 49.6 74.4#





#13

Acrolein

Concen: 19.887 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

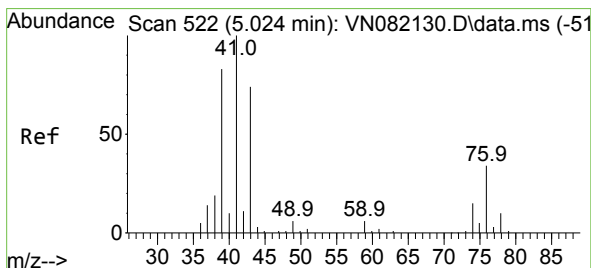
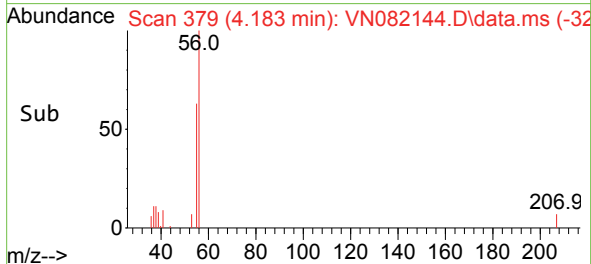
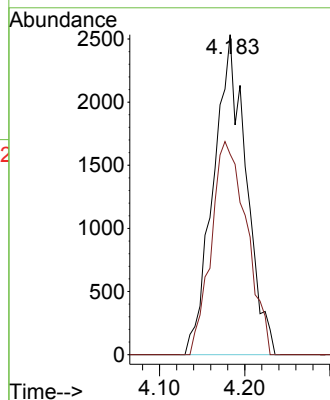
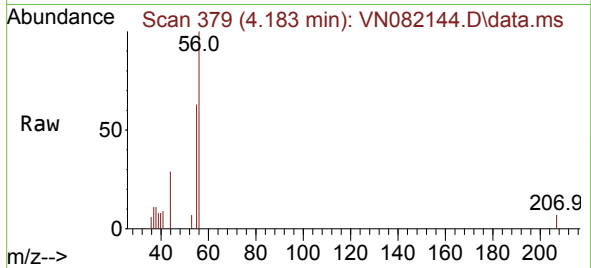
LOQ-WATER-02-QT2-2024

Tgt Ion: 56 Resp: 6741

Ion Ratio Lower Upper

56 100

55 72.3 55.8 83.8



#14

Allyl chloride

Concen: 4.977 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

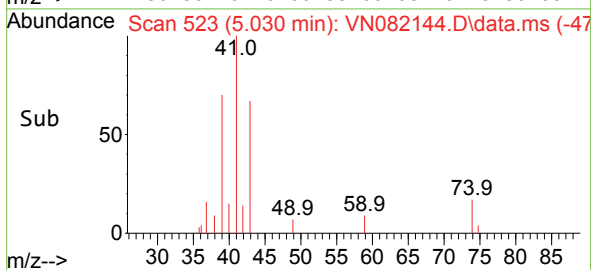
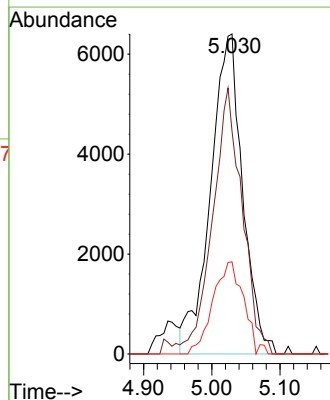
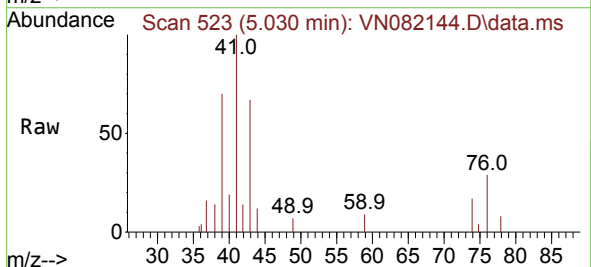
Tgt Ion: 41 Resp: 21000

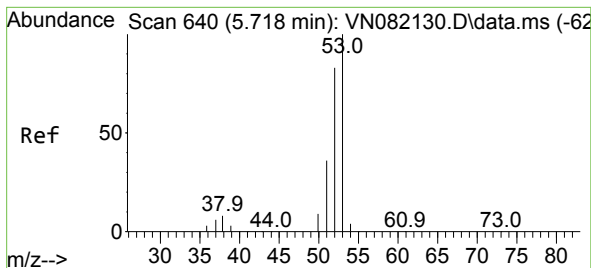
Ion Ratio Lower Upper

41 100

39 76.1 65.4 98.0

76 27.5 37.3 55.9#





#15

Acrylonitrile

Concen: 26.014 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN082144.D

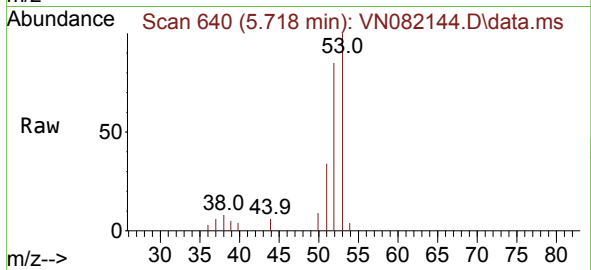
Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

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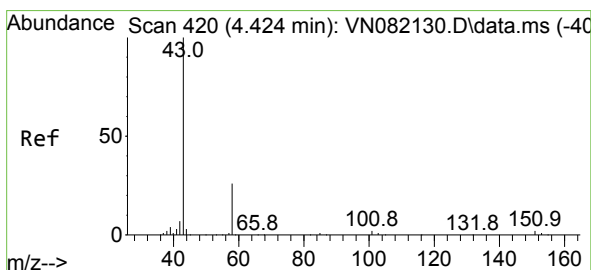
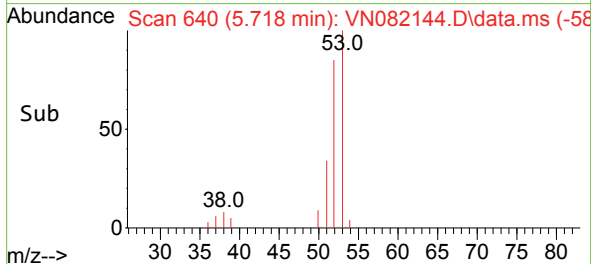
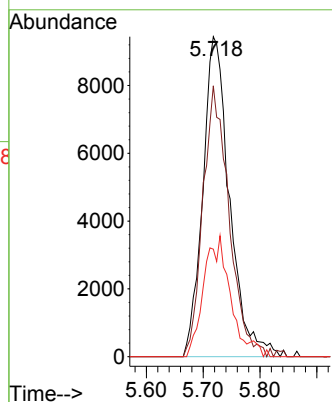
Tgt Ion: 53 Resp: 30818

Ion Ratio Lower Upper

53 100

52 82.4 66.1 99.1

51 35.9 29.4 44.2



#16

Acetone

Concen: 24.755 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN082144.D

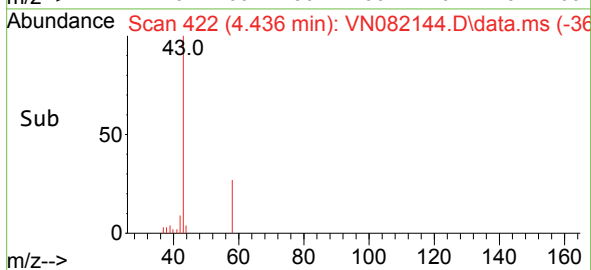
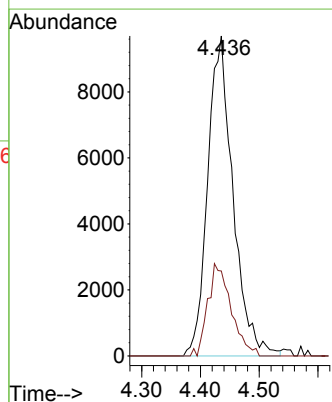
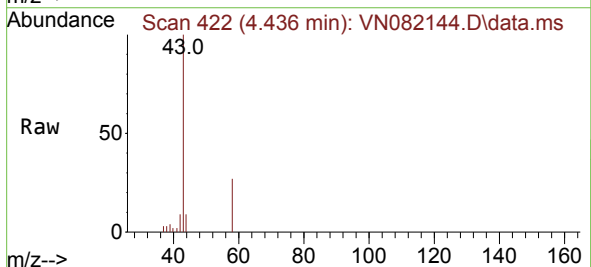
Acq: 15 May 2024 20:26

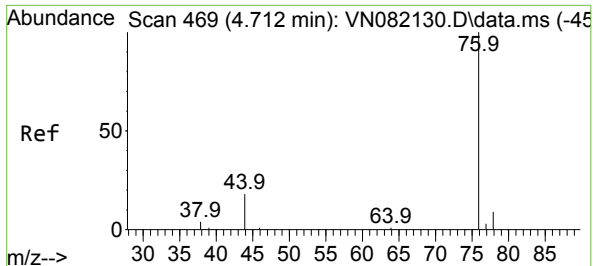
Tgt Ion: 43 Resp: 28937

Ion Ratio Lower Upper

43 100

58 26.5 25.2 37.8





#17

Carbon Disulfide

Concen: 4.757 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

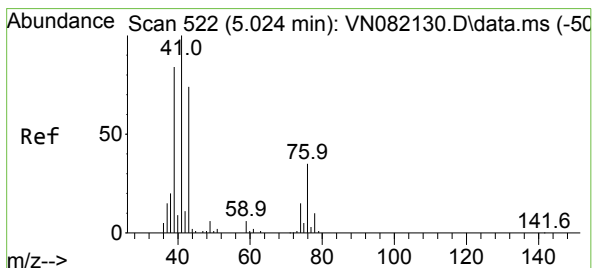
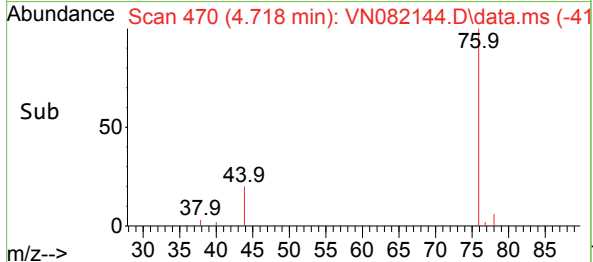
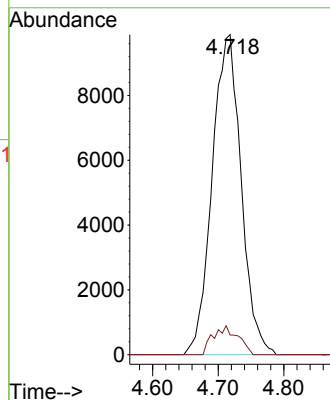
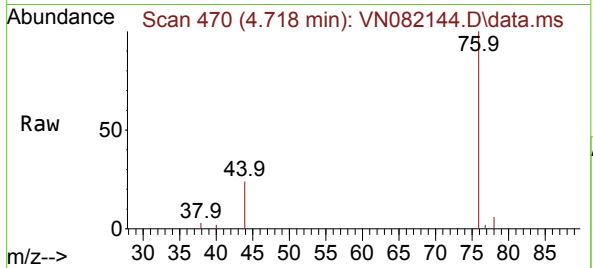
LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 30283

Ion Ratio Lower Upper

76 100

78 6.2 7.5 11.3#



#18

Methyl Acetate

Concen: 5.228 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082144.D

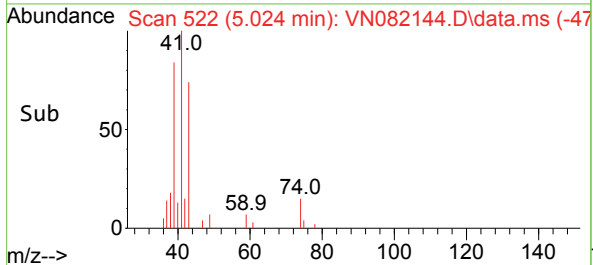
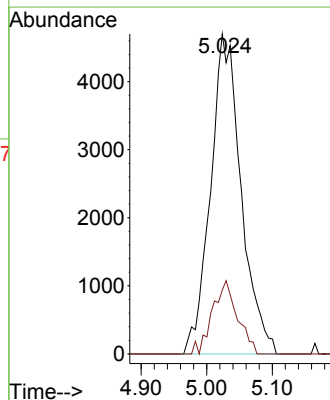
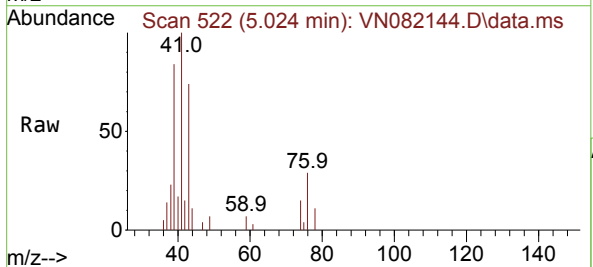
Acq: 15 May 2024 20:26

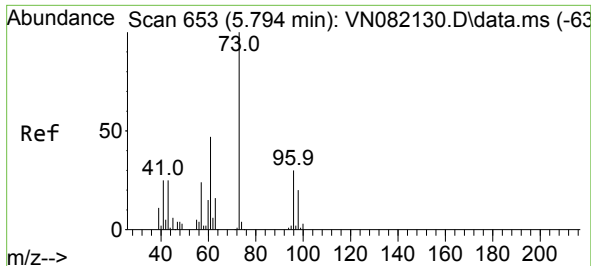
Tgt Ion: 43 Resp: 15218

Ion Ratio Lower Upper

43 100

74 18.7 22.2 33.2#

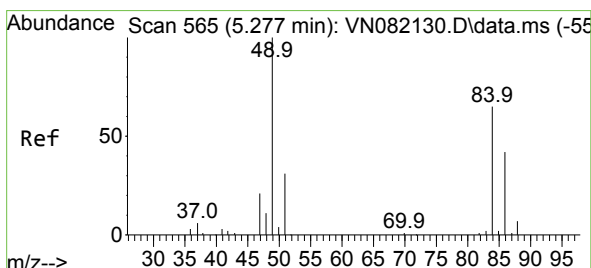
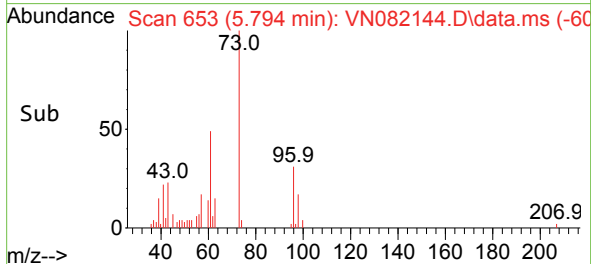
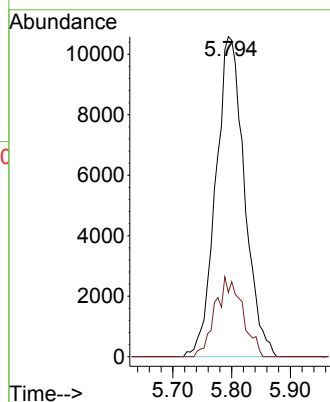
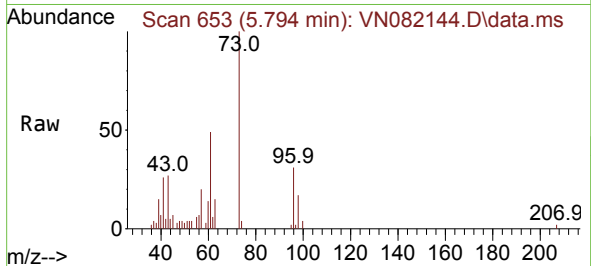




#19
Methyl tert-butyl Ether
Concen: 4.974 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

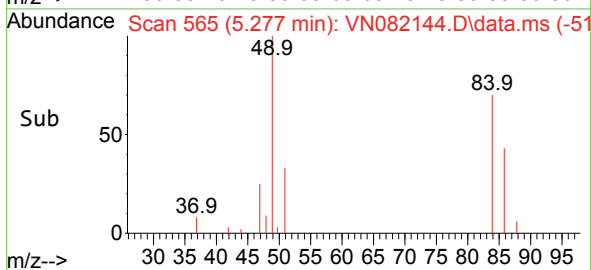
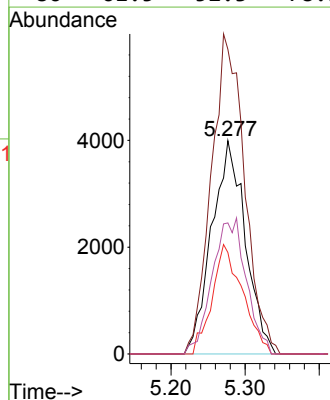
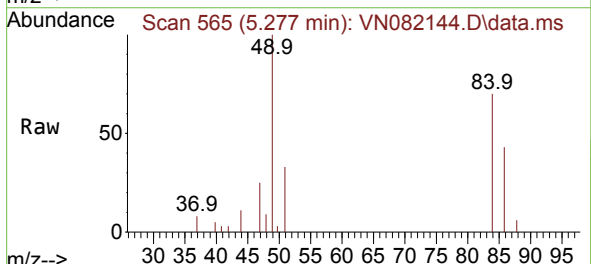
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

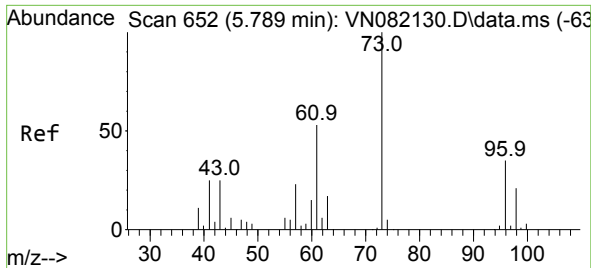
Tgt Ion: 73 Resp: 35832
Ion Ratio Lower Upper
73 100
57 20.1 16.5 24.7



#20
Methylene Chloride
Concen: 5.325 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 84 Resp: 12558
Ion Ratio Lower Upper
84 100
49 142.8 84.9 127.3#
51 47.6 27.0 40.6#
86 61.5 52.3 78.5

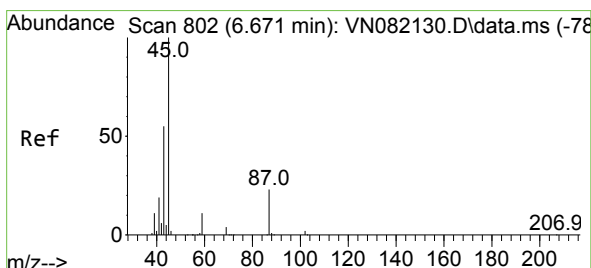
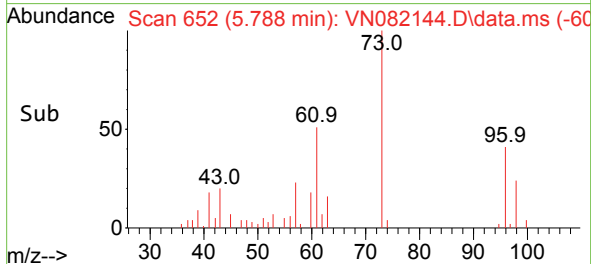
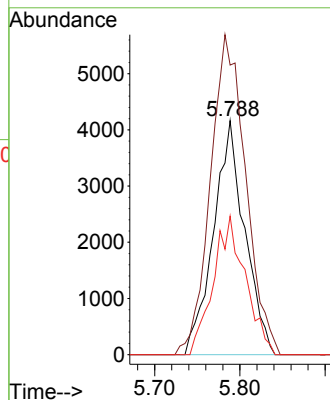
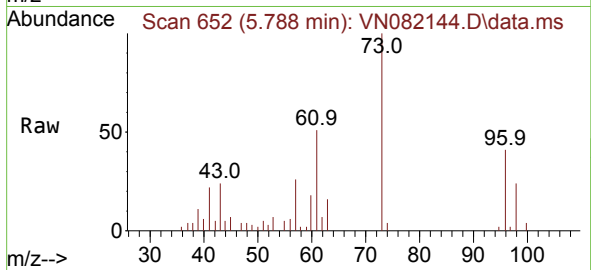




#21
trans-1,2-Dichloroethene
Concen: 4.948 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

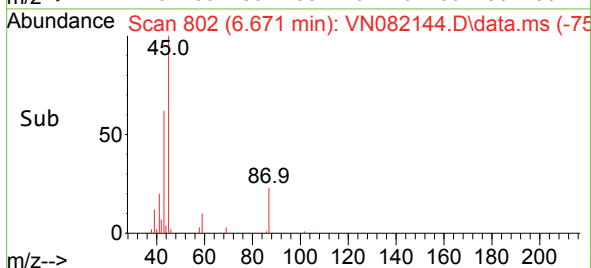
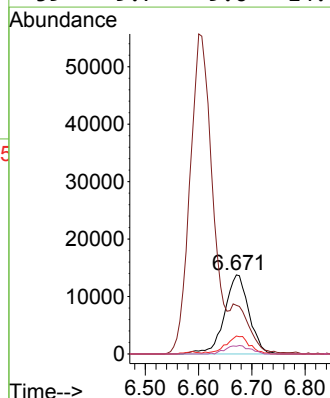
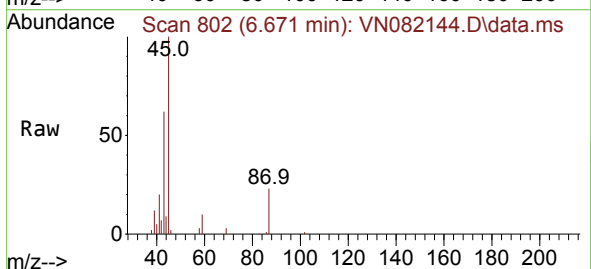
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

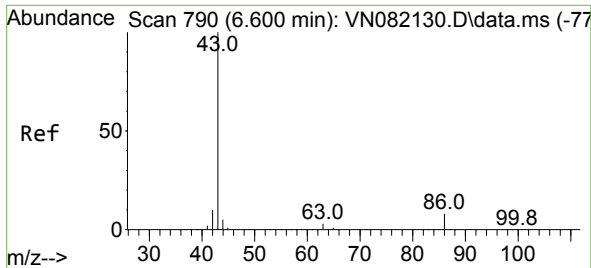
Tgt Ion:	96	Resp:	10628
Ion	Ratio	Lower	Upper
96	100		
61	123.7	96.5	144.7
98	59.2	51.3	76.9



#22
Diisopropyl ether
Concen: 4.961 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:	45	Resp:	43714
Ion	Ratio	Lower	Upper
45	100		
43	60.0	44.1	66.1
87	22.7	27.0	40.6#
59	9.7	9.6	14.4

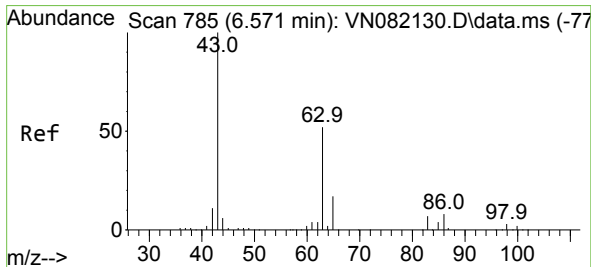
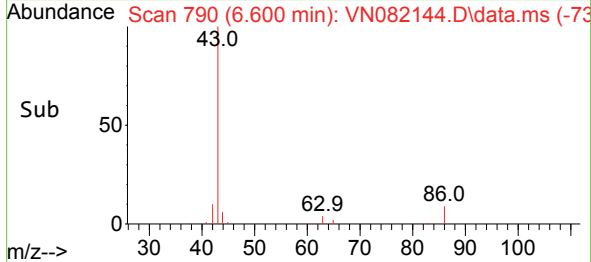
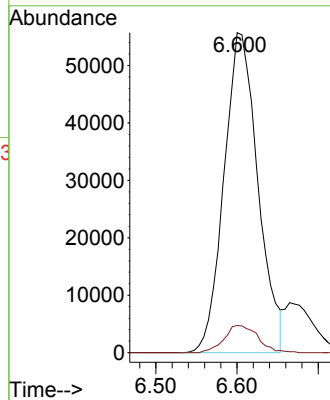
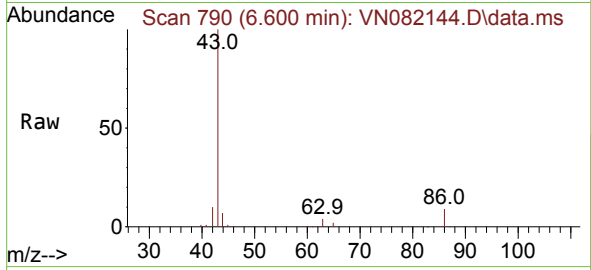




#23
 Vinyl Acetate
 Concen: 23.325 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

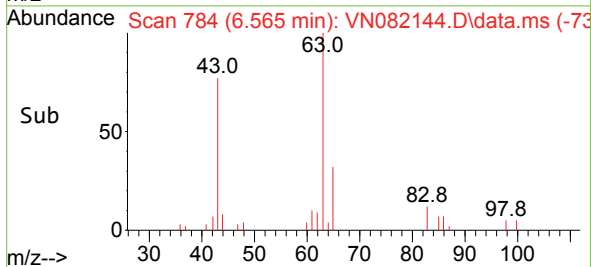
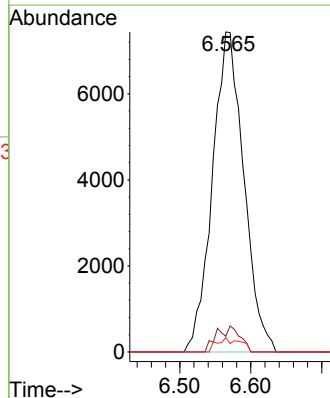
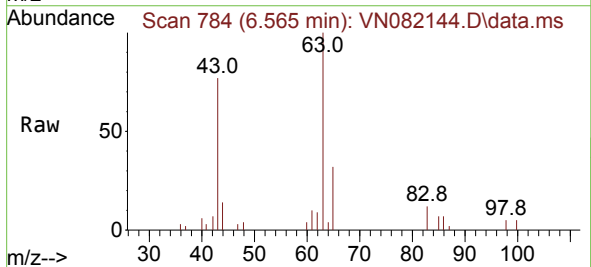
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

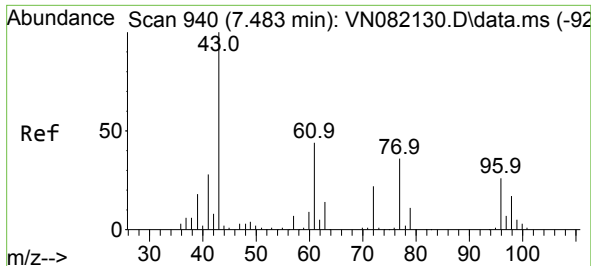
Tgt Ion: 43 Resp: 162040
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 5.014 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

Tgt Ion: 63 Resp: 22773
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.6 10.9
 100 4.5 2.6 7.8

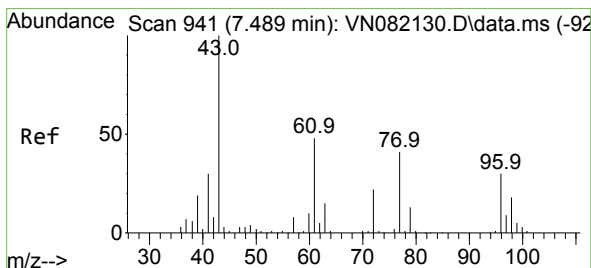
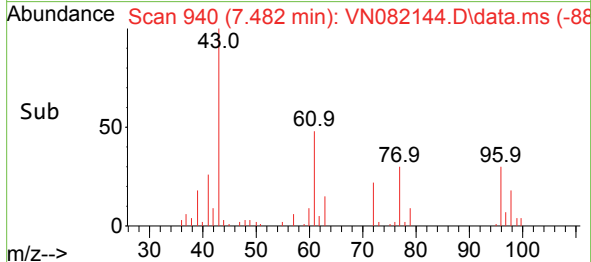
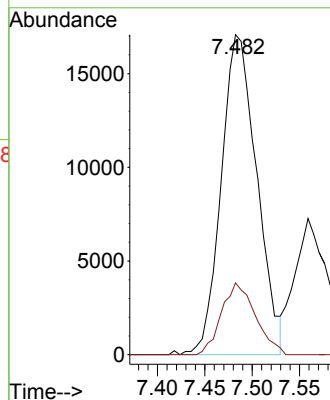
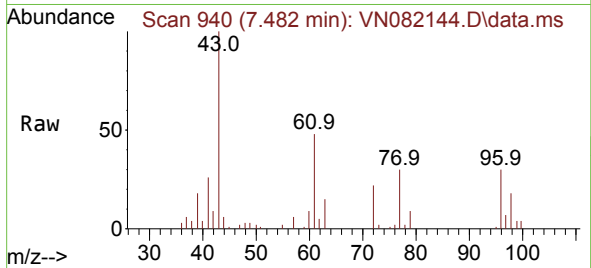




#25
2-Butanone
Concen: 25.213 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

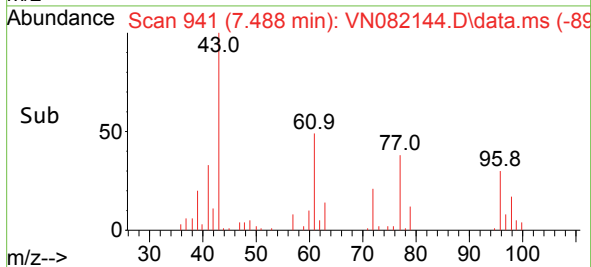
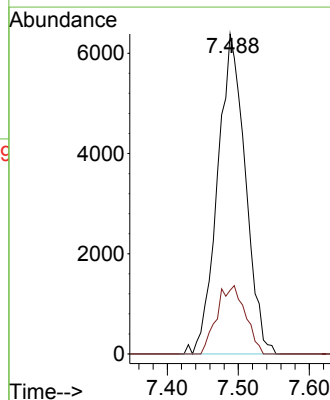
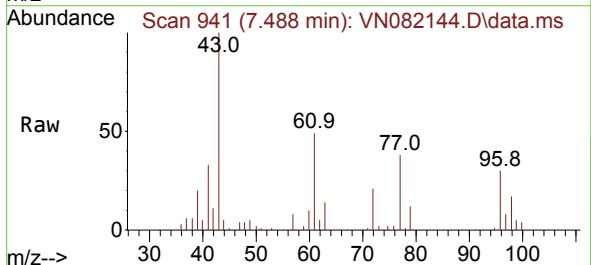
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

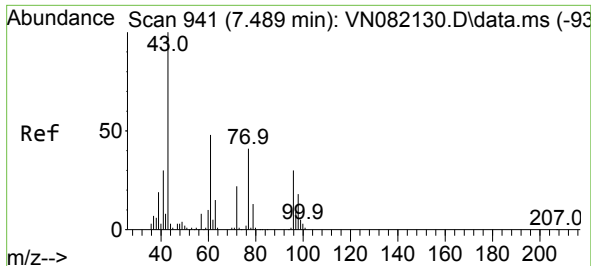
Tgt Ion: 43 Resp: 44685
Ion Ratio Lower Upper
43 100
72 22.5 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 4.556 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 77 Resp: 17332
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 5.151 ug/l

RT: 7.482 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN082144.D

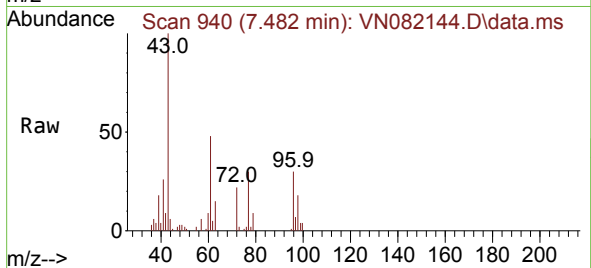
Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



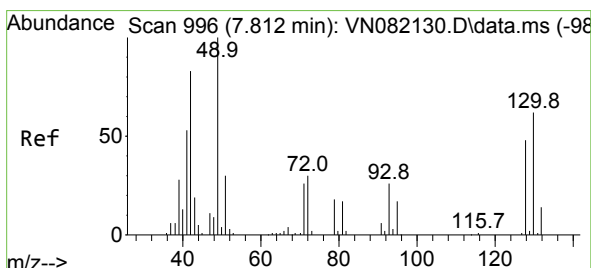
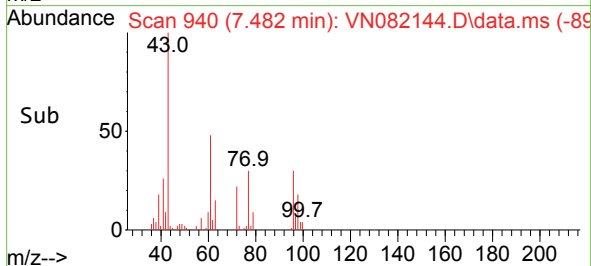
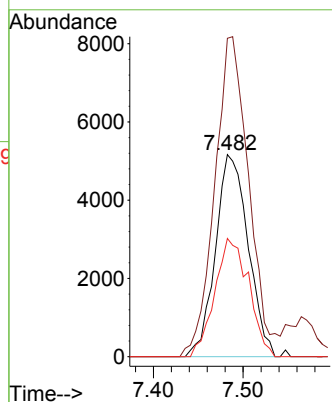
Tgt Ion: 96 Resp: 13055

Ion Ratio Lower Upper

96 100

61 165.4 0.0 268.0

98 60.8 0.0 126.8



#28

Bromochloromethane

Concen: 5.867 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

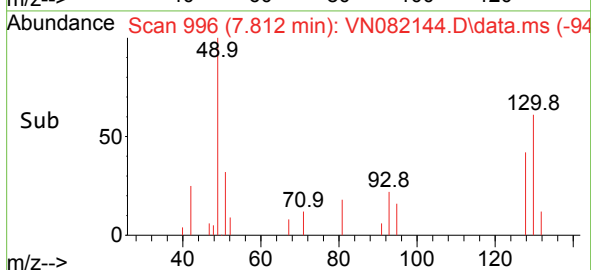
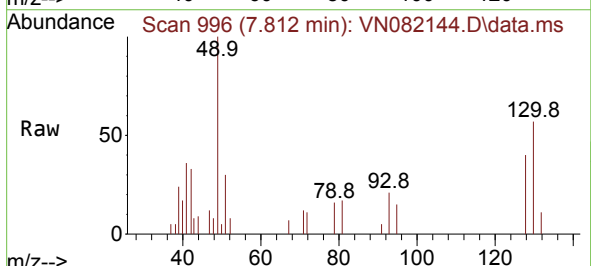
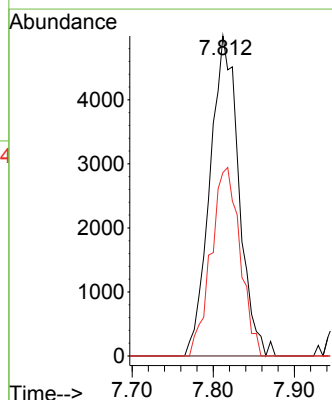
Tgt Ion: 49 Resp: 12416

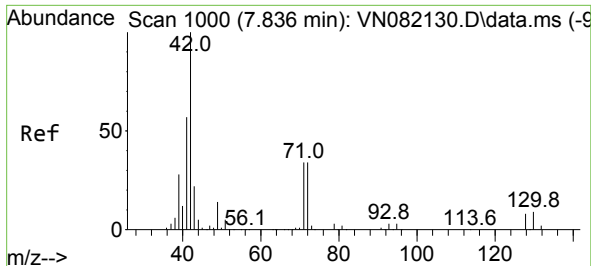
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 58.7 66.7 100.1#





#29

Tetrahydrofuran

Concen: 26.018 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN082144.D

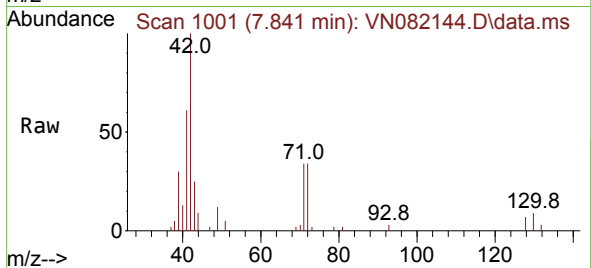
Acq: 15 May 2024 20:26

Instrument :

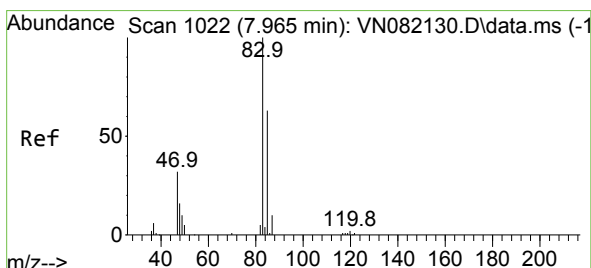
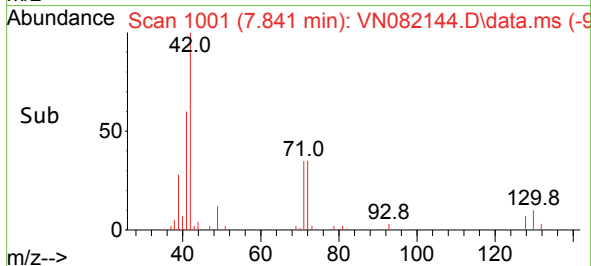
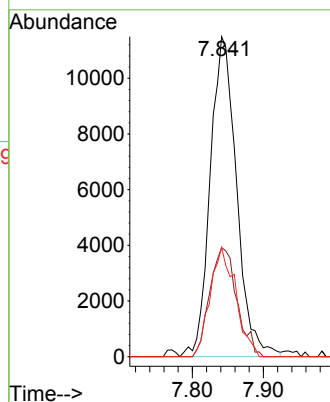
MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:	42	Resp:	29606
Ion Ratio	Lower	Upper	
42	100		
72	35.1	39.3	58.9#
71	33.1	37.4	56.0#



#30

Chloroform

Concen: 5.062 ug/l

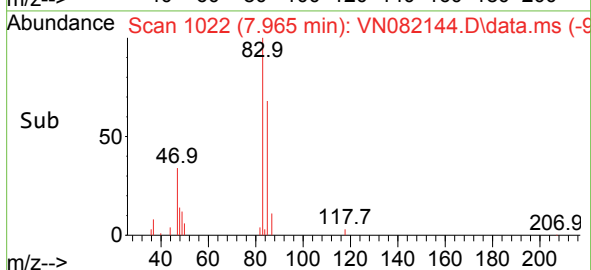
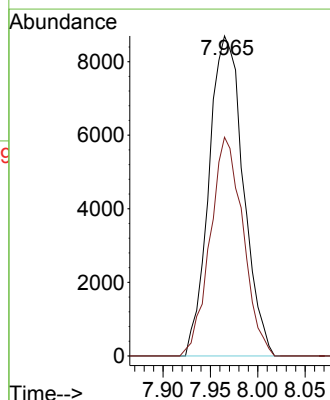
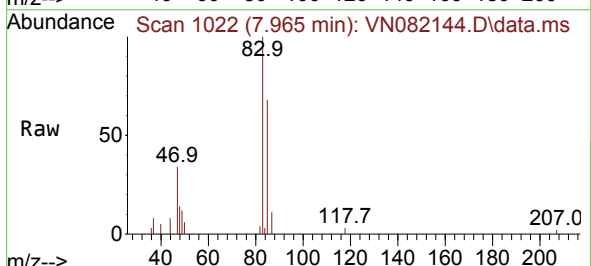
RT: 7.965 min Scan# 1022

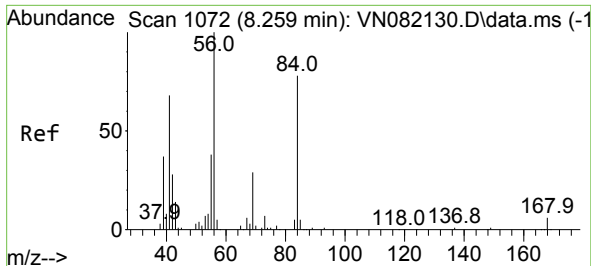
Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Tgt Ion:	83	Resp:	21953
Ion Ratio	Lower	Upper	
83	100		
85	68.4	50.7	76.1





#31

Cyclohexane

Concen: 5.526 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

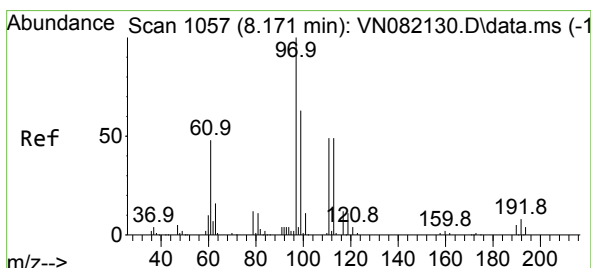
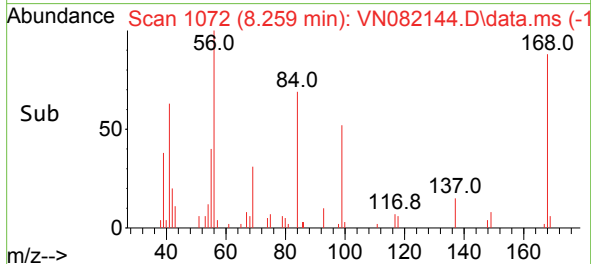
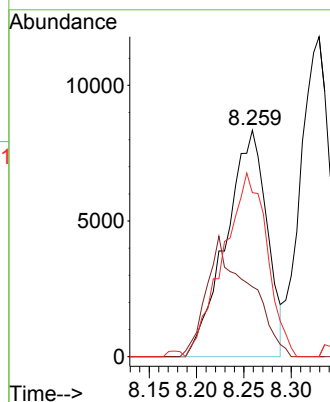
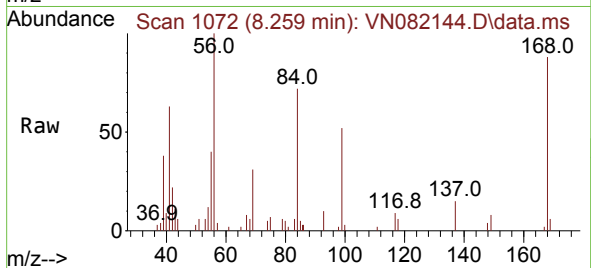
Tgt Ion: 56 Resp: 25152

Ion Ratio Lower Upper

56 100

69 30.9 24.4 36.6

84 70.2 77.0 115.4#



#32

1,1,1-Trichloroethane

Concen: 4.917 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

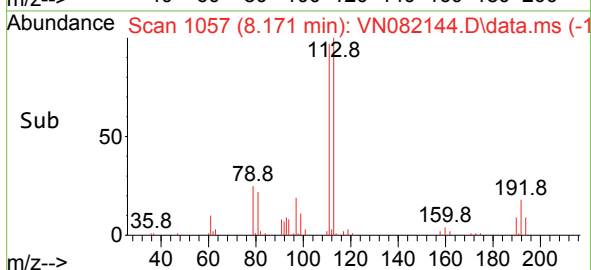
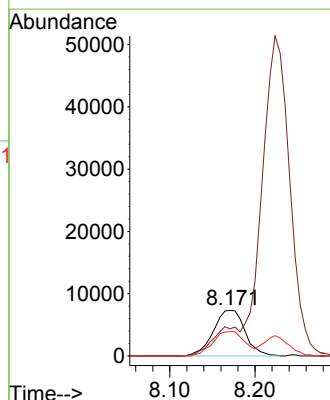
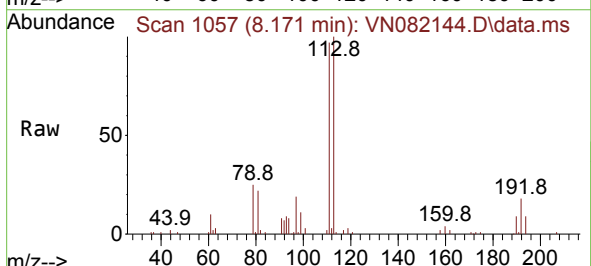
Tgt Ion: 97 Resp: 18918

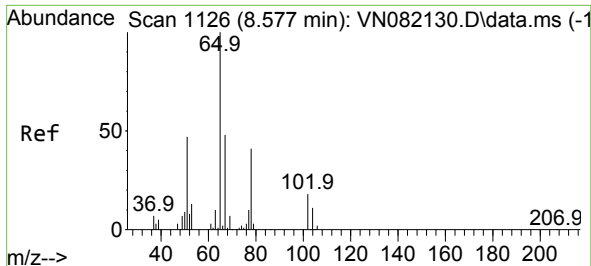
Ion Ratio Lower Upper

97 100

99 54.8 50.3 75.5

61 54.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.576 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

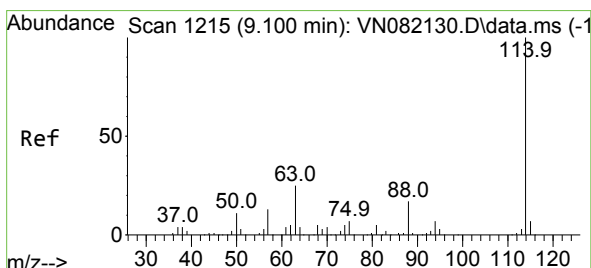
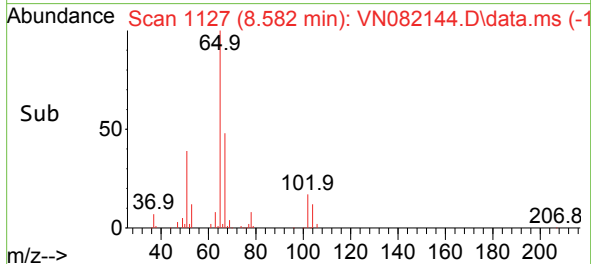
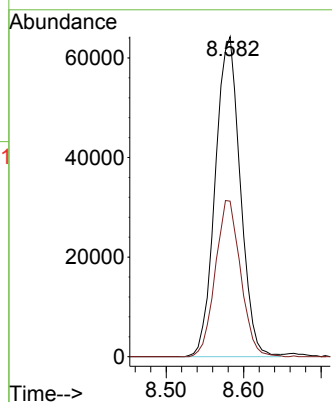
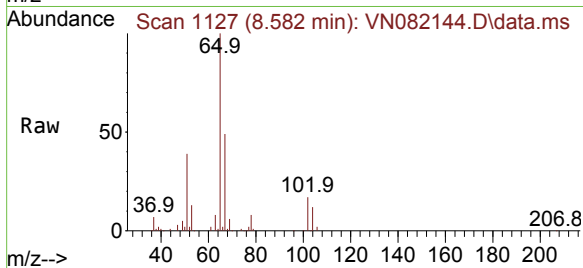
LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 144121

Ion Ratio Lower Upper

65 100

67 49.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

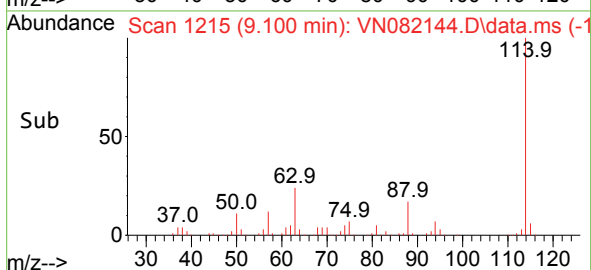
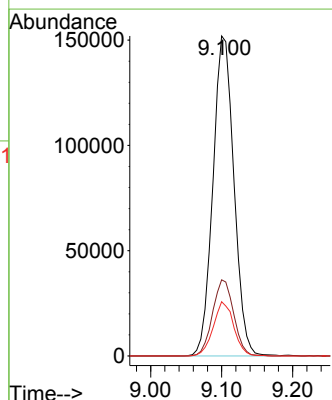
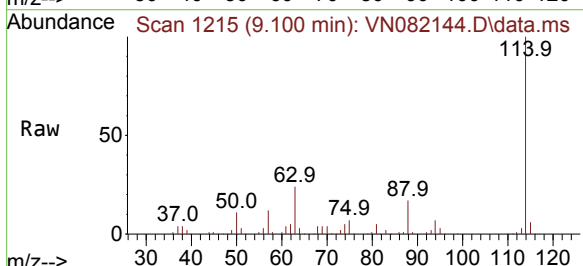
Tgt Ion: 114 Resp: 312073

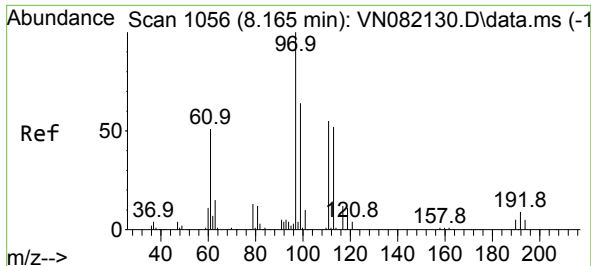
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 17.0 0.0 31.4

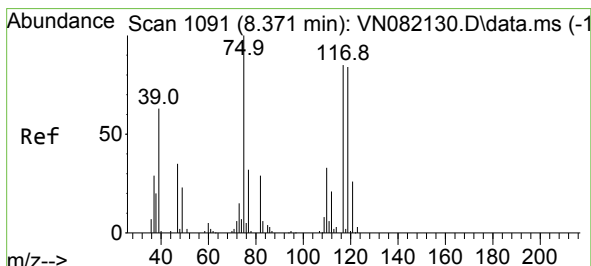
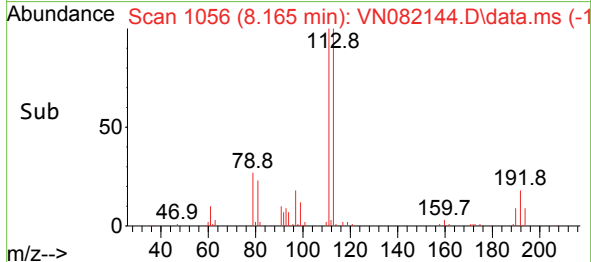
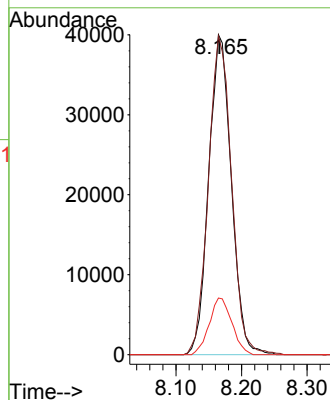
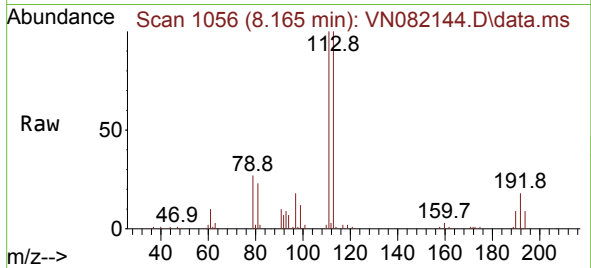




#35
Dibromofluoromethane
Concen: 49.822 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

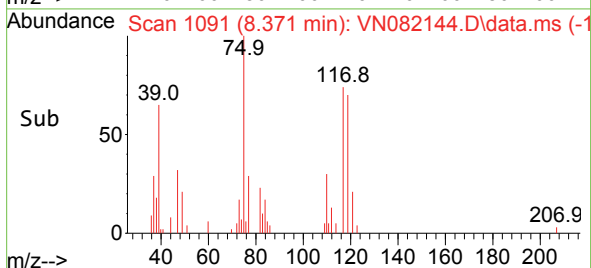
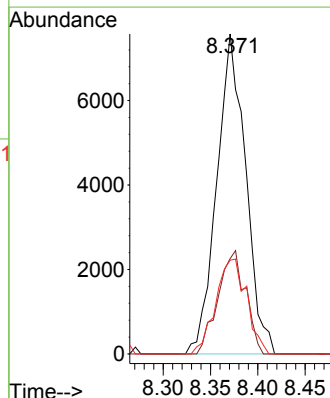
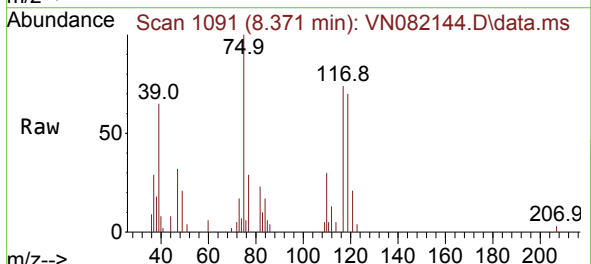
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

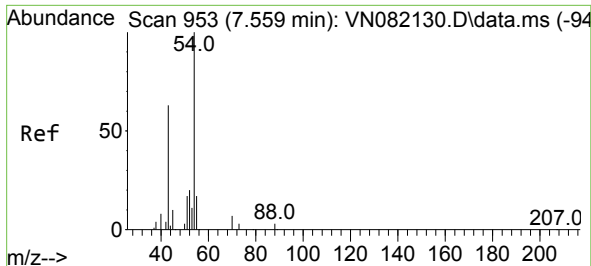
Tgt Ion:113 Resp: 95644
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 17.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 75 Resp: 16077
Ion Ratio Lower Upper
75 100
110 30.7 17.8 53.5
77 31.7 25.0 37.4

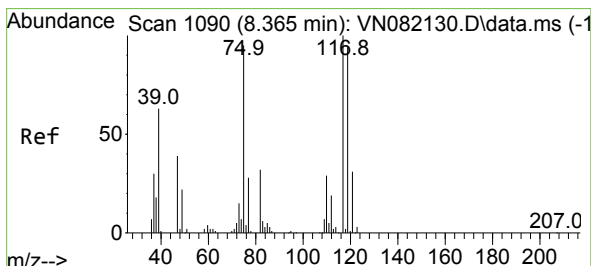
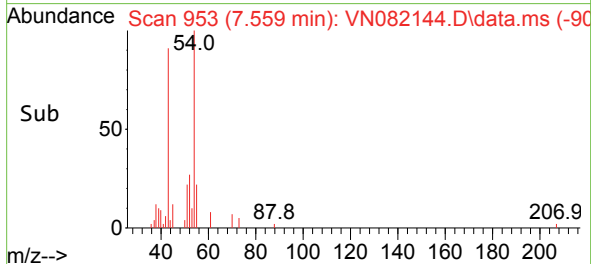
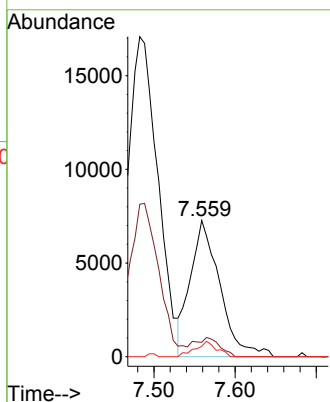
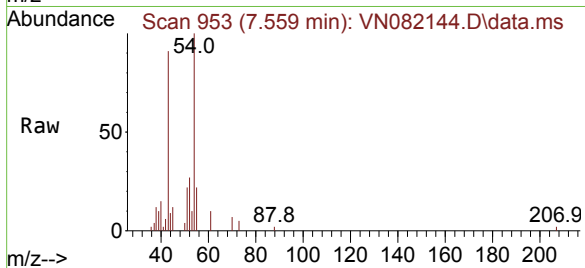




#37
Ethyl Acetate
Concen: 5.141 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

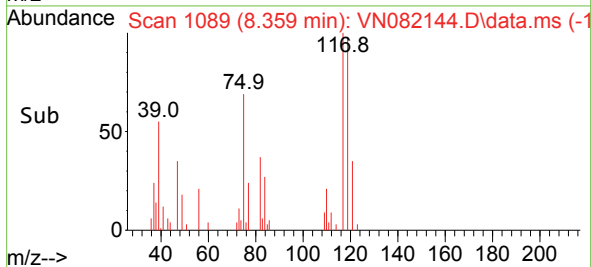
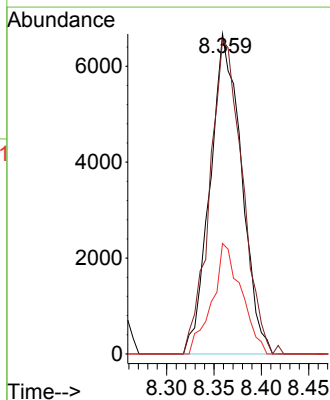
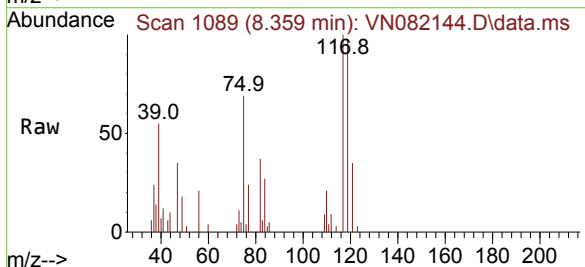
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

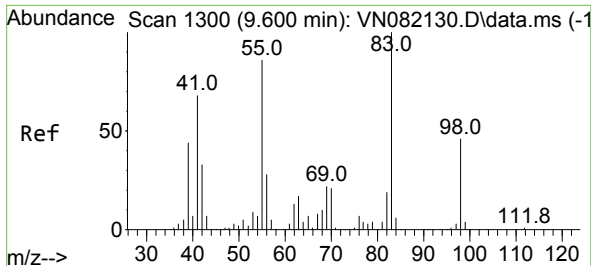
Tgt Ion: 43 Resp: 18524
Ion Ratio Lower Upper
43 100
61 11.7 11.3 16.9
70 8.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 4.713 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 117 Resp: 15384
Ion Ratio Lower Upper
117 100
119 98.1 76.5 114.7
121 34.6 23.9 35.9





#39

Methylcyclohexane

Concen: 4.704 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

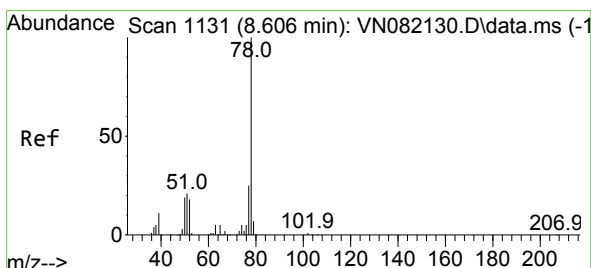
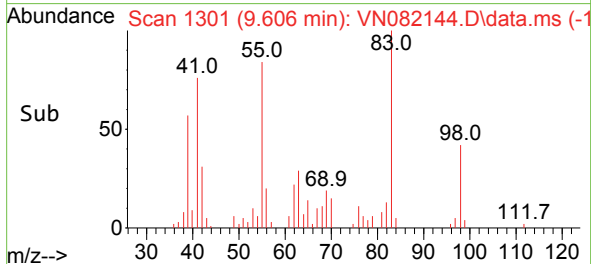
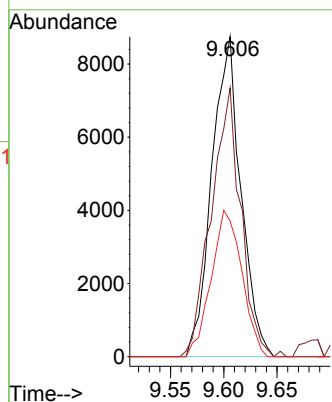
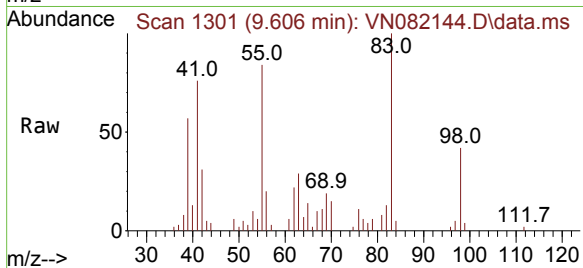
Tgt Ion: 83 Resp: 16603

Ion Ratio Lower Upper

83 100

55 84.0 53.0 79.6#

98 42.4 37.1 55.7



#40

Benzene

Concen: 5.071 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082144.D

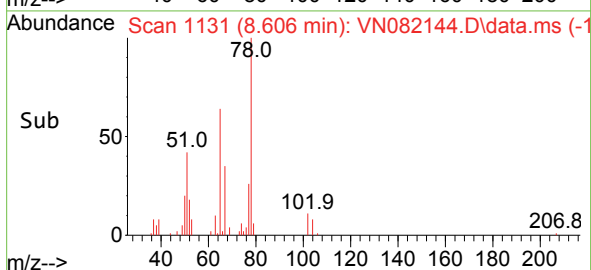
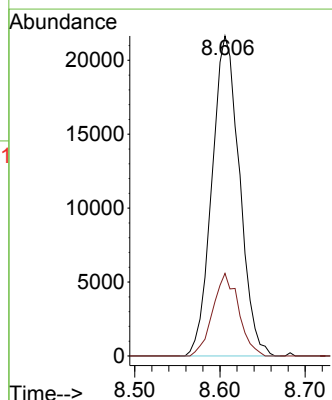
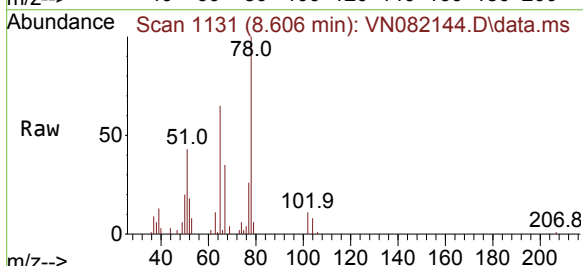
Acq: 15 May 2024 20:26

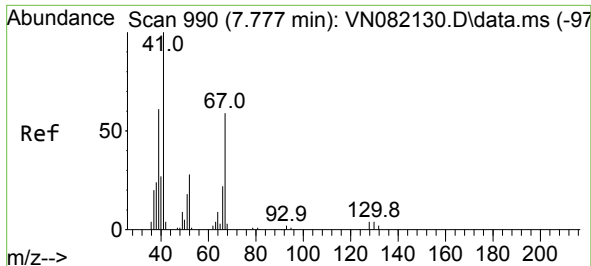
Tgt Ion: 78 Resp: 48685

Ion Ratio Lower Upper

78 100

77 25.8 20.0 30.0

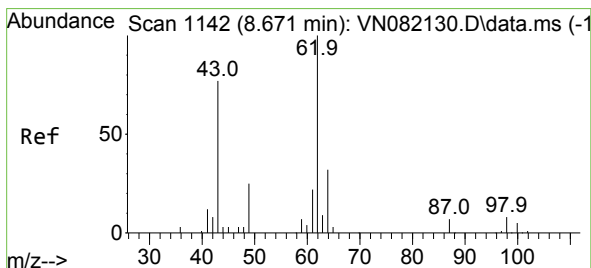
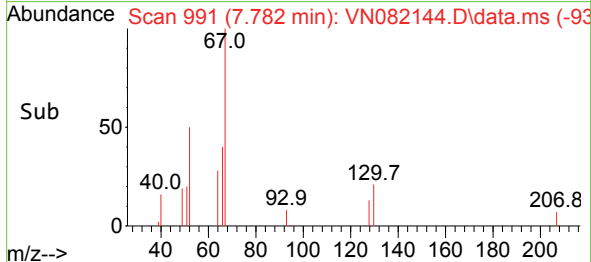
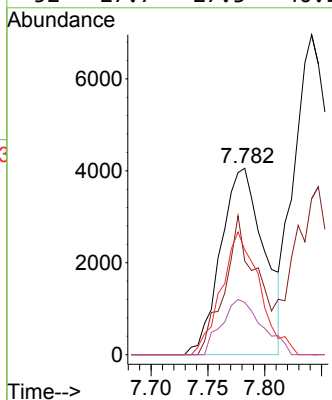
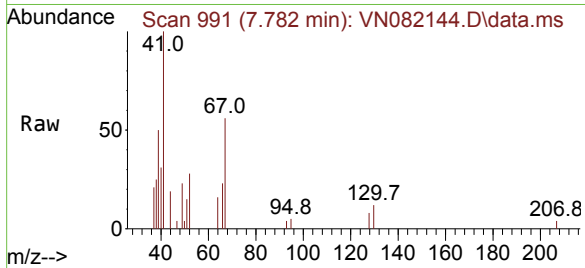




#41
Methacrylonitrile
Concen: 5.064 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

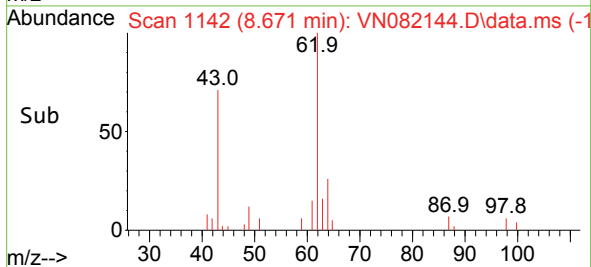
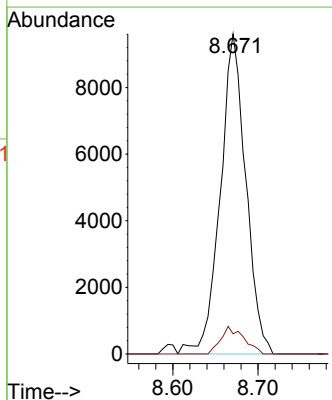
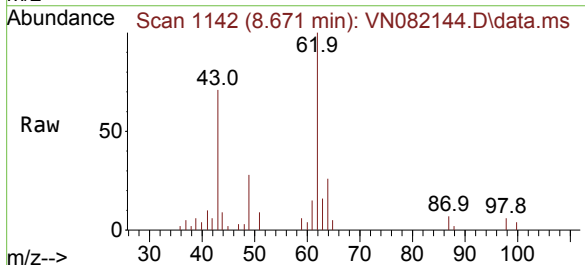
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

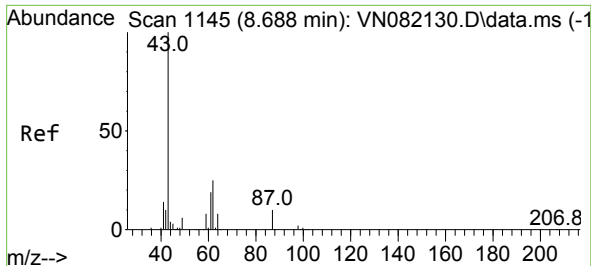
Tgt Ion:	41	Resp:	10732
Ion	Ratio	Lower	Upper
41	100		
39	55.1	46.6	69.8
67	58.3	67.3	100.9
52	27.7	27.3	40.9



#42
1,2-Dichloroethane
Concen: 5.428 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:	62	Resp:	20042
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	19.6

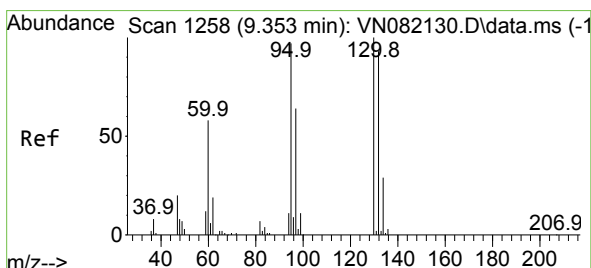
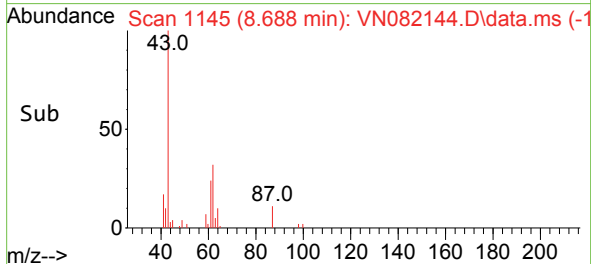
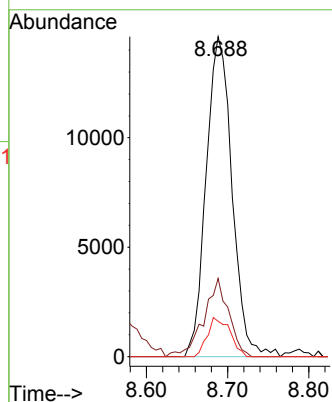
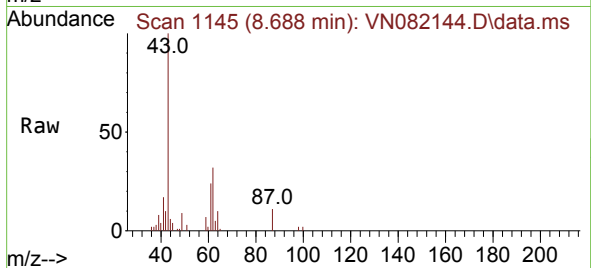




#43
Isopropyl Acetate
Concen: 5.080 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

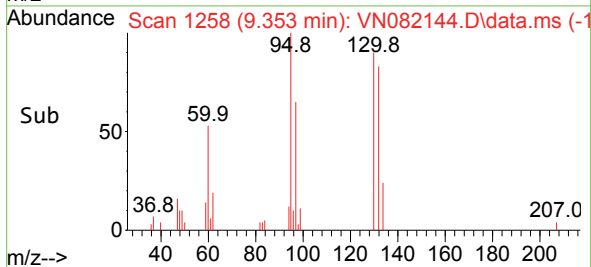
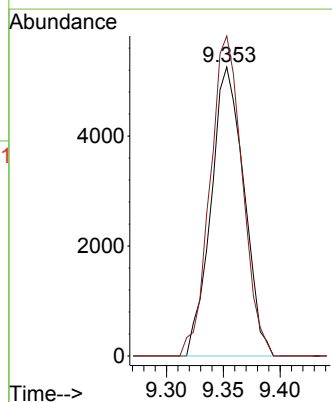
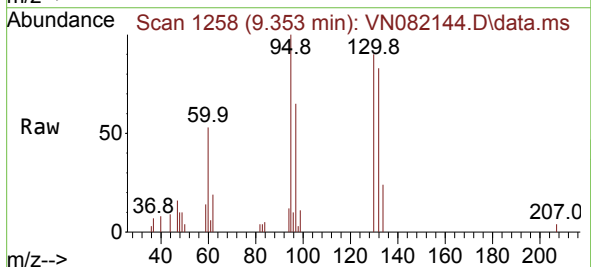
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

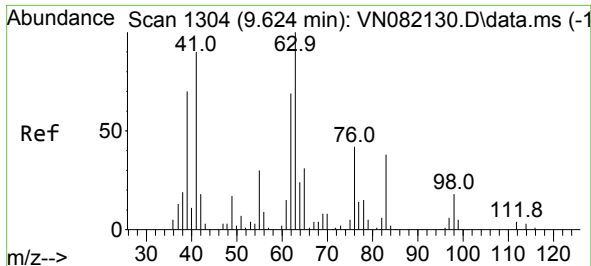
Tgt Ion: 43 Resp: 32431
Ion Ratio Lower Upper
43 100
61 23.4 22.8 34.2
87 10.7 12.0 18.0#



#44
Trichloroethene
Concen: 4.860 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:130 Resp: 10599
Ion Ratio Lower Upper
130 100
95 110.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 4.974 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

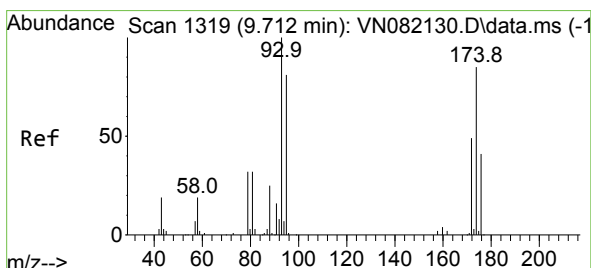
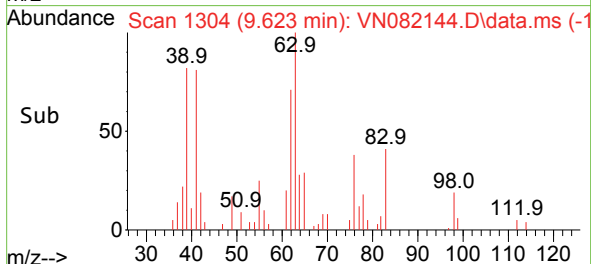
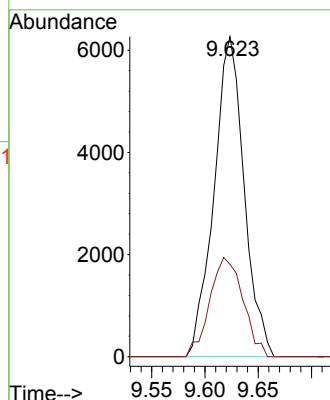
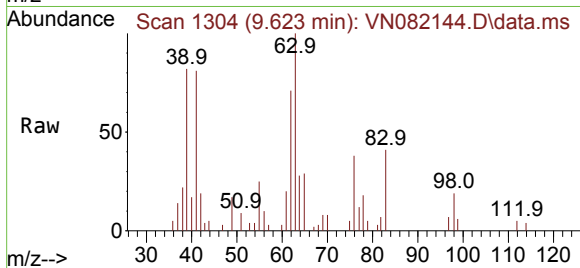
LOQ-WATER-02-QT2-2024

Tgt Ion: 63 Resp: 12321

Ion Ratio Lower Upper

63 100

65 28.8 24.1 36.1



#46

Dibromomethane

Concen: 5.049 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

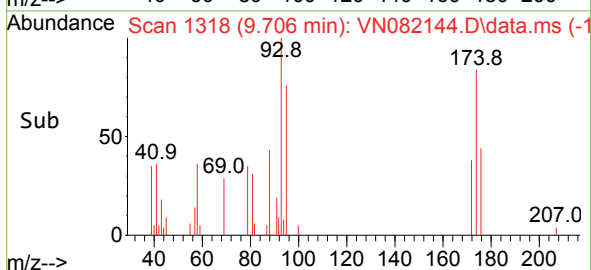
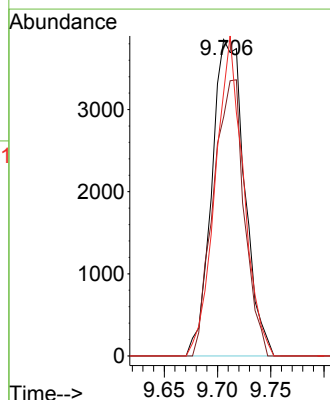
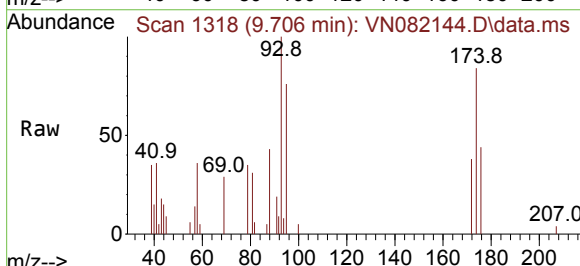
Tgt Ion: 93 Resp: 8211

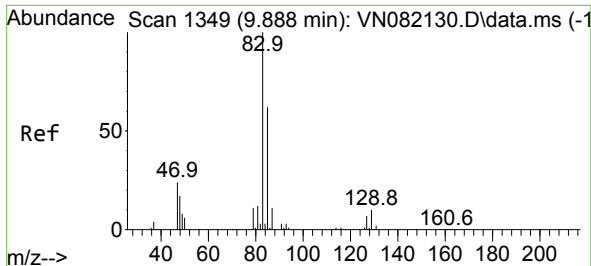
Ion Ratio Lower Upper

93 100

95 82.6 64.8 97.2

174 87.2 73.4 110.0

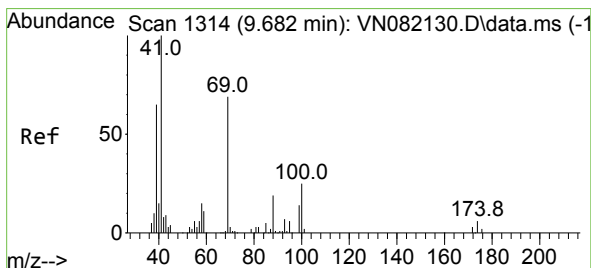
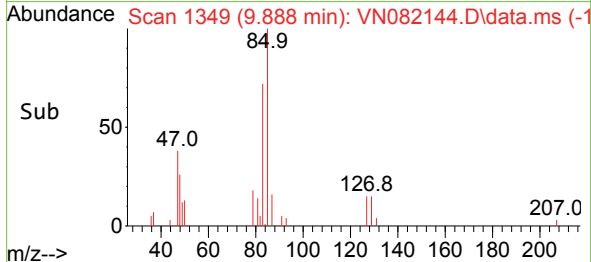
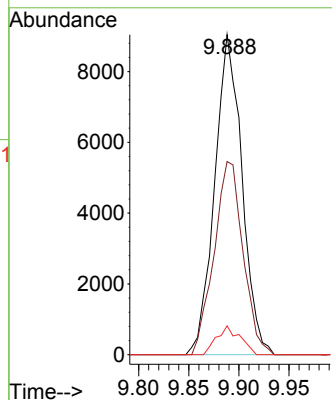
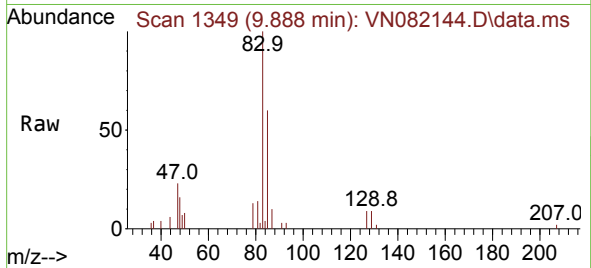




#47
Bromodichloromethane
Concen: 4.984 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

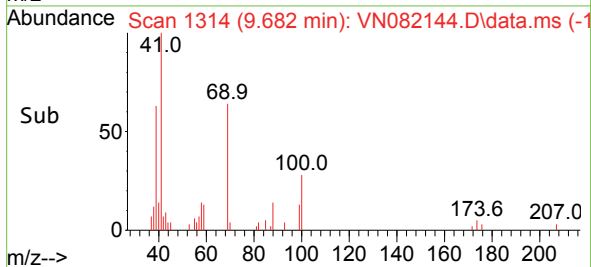
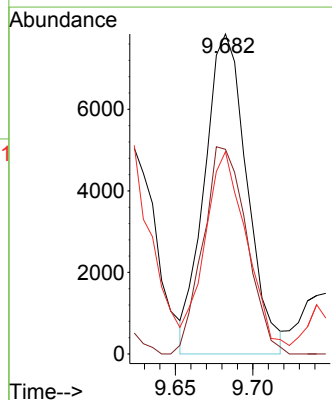
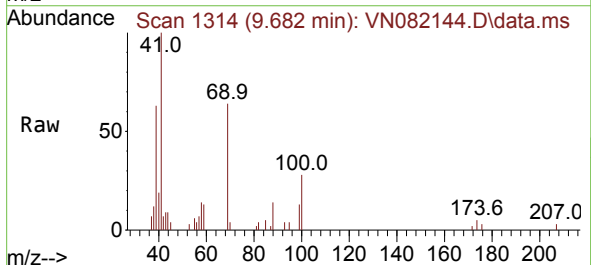
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

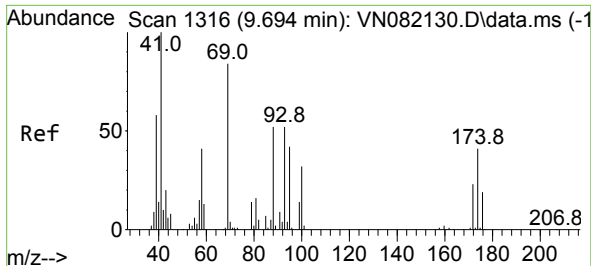
Tgt Ion:	83	Resp:	17111
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.9	77.9
127	9.0	7.5	11.3



#48
Methyl methacrylate
Concen: 4.917 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:	41	Resp:	14959
Ion	Ratio	Lower	Upper
41	100		
69	66.6	77.9	116.9#
39	63.7	50.9	76.3

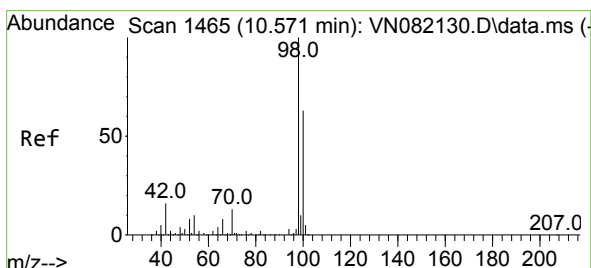
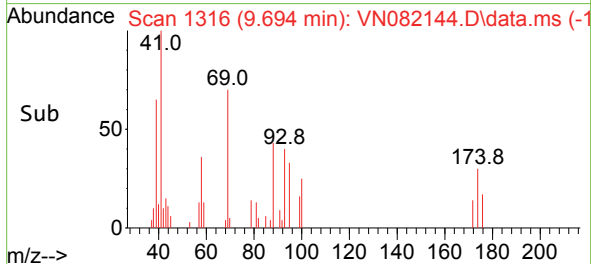
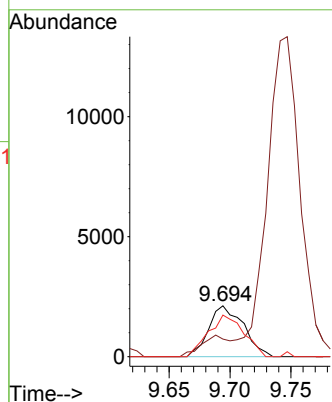
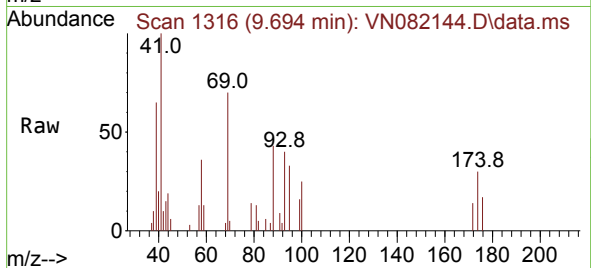




#49
1,4-Dioxane
Concen: 98.497 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

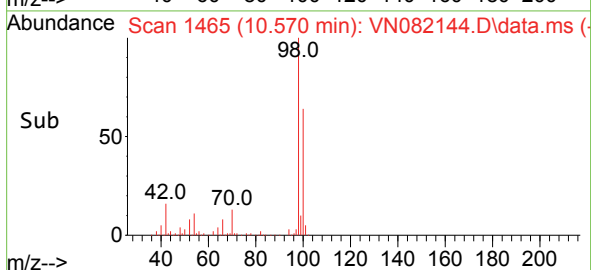
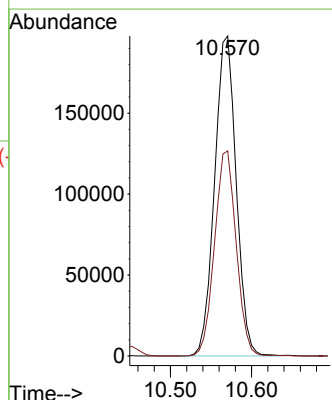
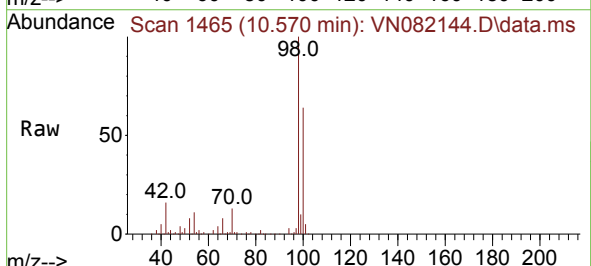
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

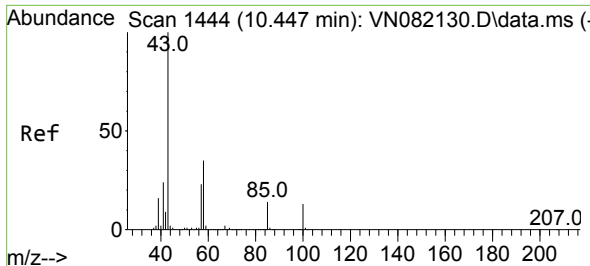
Tgt Ion	88	Resp	4199
Ion	Ratio	Lower	Upper
88	100		
43	32.9	19.0	28.6#
58	83.3	50.6	76.0#



#50
Toluene-d8
Concen: 49.706 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion	98	Resp	365841
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 24.912 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

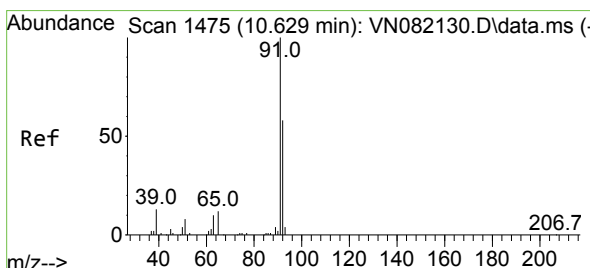
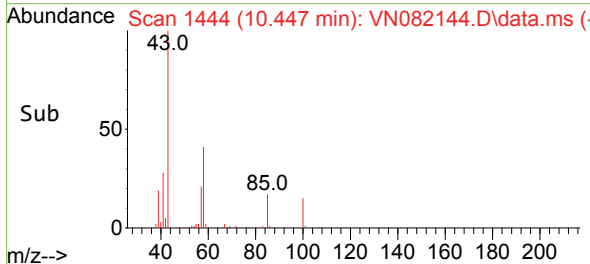
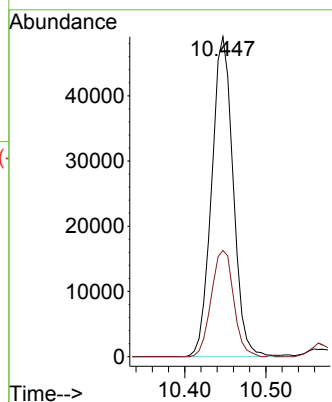
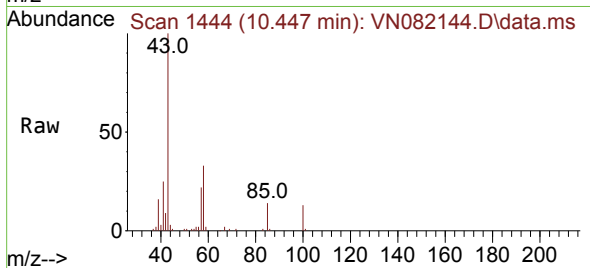
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 90371

Ion Ratio Lower Upper

43 100

58 34.5 33.2 49.8



#52

Toluene

Concen: 5.014 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082144.D

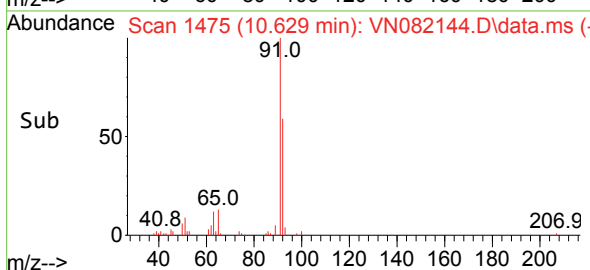
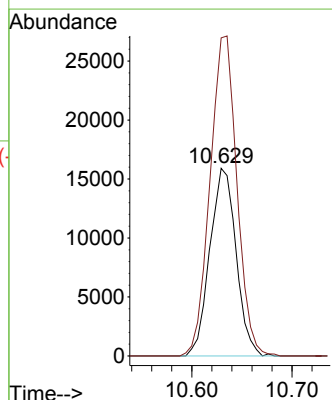
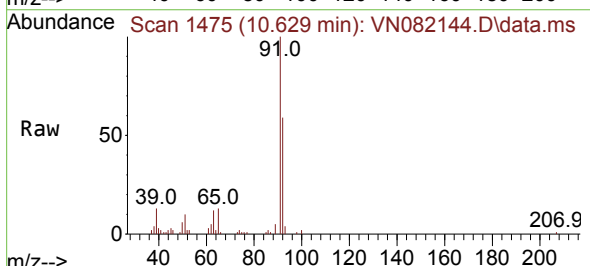
Acq: 15 May 2024 20:26

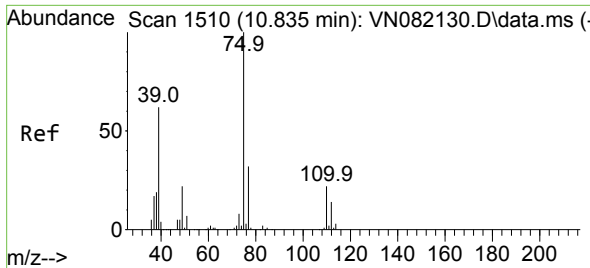
Tgt Ion: 92 Resp: 28888

Ion Ratio Lower Upper

92 100

91 174.8 136.7 205.1

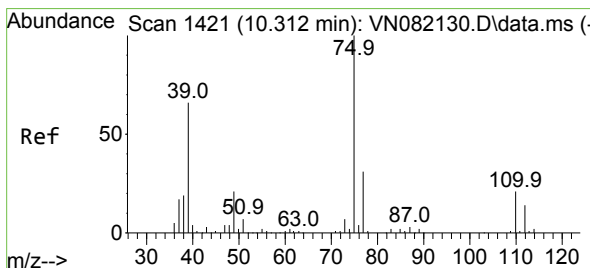
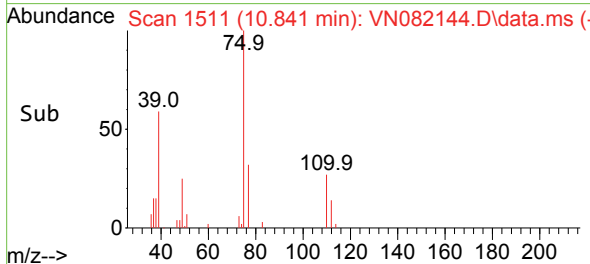
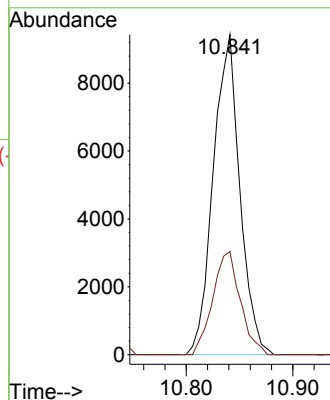
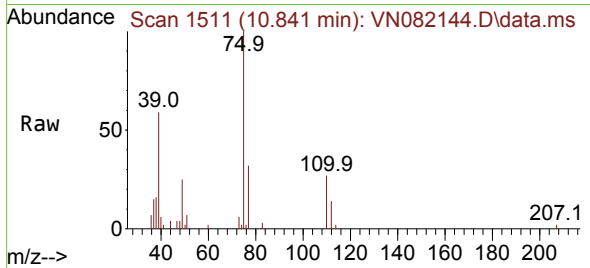




#53
t-1,3-Dichloropropene
Concen: 4.598 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

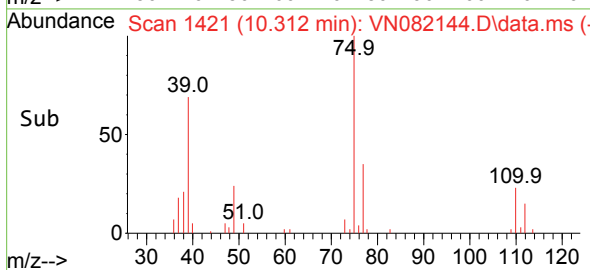
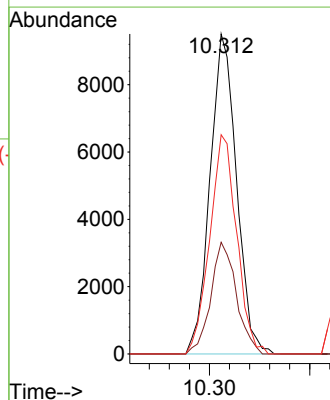
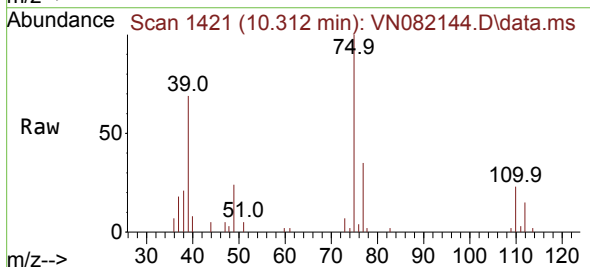
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

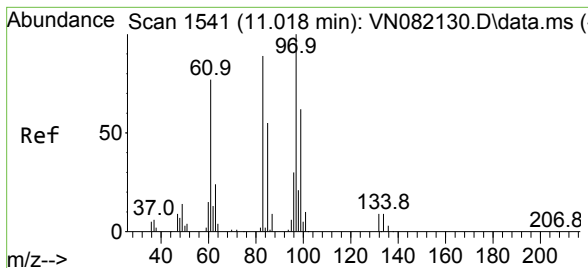
Tgt Ion: 75 Resp: 16326
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 4.634 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 75 Resp: 17419
Ion Ratio Lower Upper
75 100
77 34.9 25.0 37.4
39 68.5 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 5.151 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082144.D

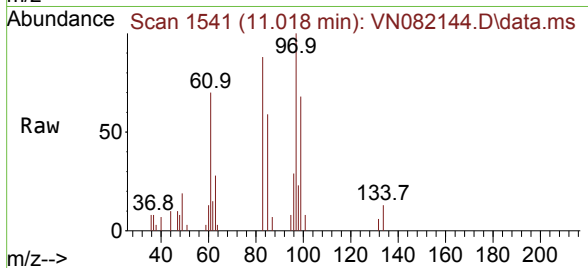
Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 97 Resp: 10785

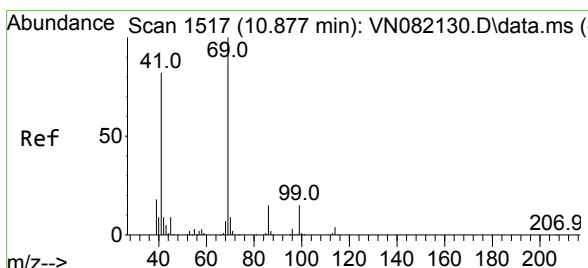
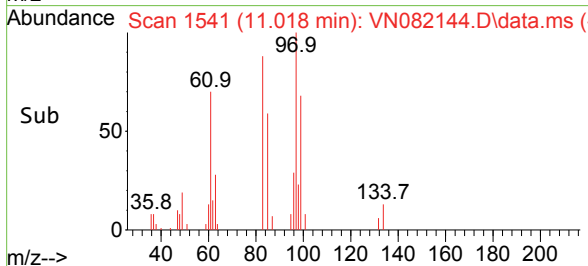
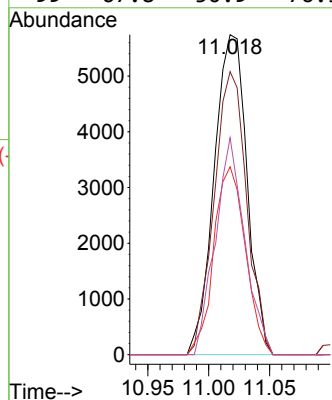
Ion Ratio Lower Upper

97 100

83 88.5 70.4 105.6

85 58.7 45.6 68.4

99 67.8 50.9 76.3



#56

Ethyl methacrylate

Concen: 4.894 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

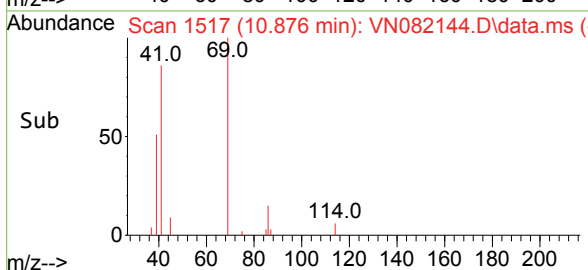
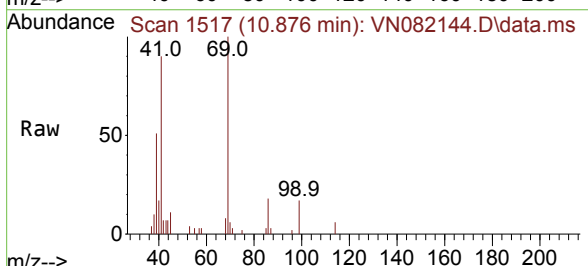
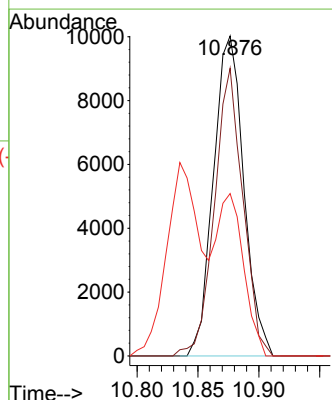
Tgt Ion: 69 Resp: 17399

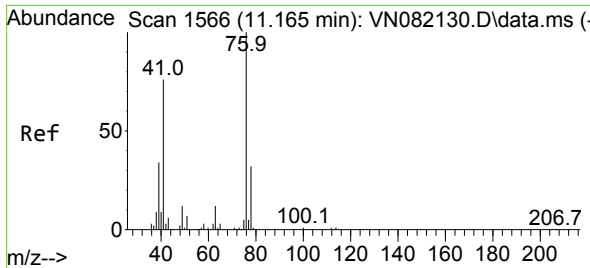
Ion Ratio Lower Upper

69 100

41 84.0 46.6 70.0#

39 45.5 26.5 39.7#

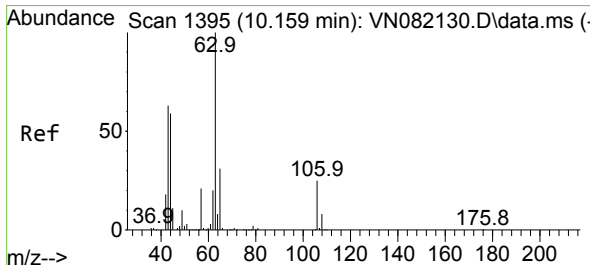
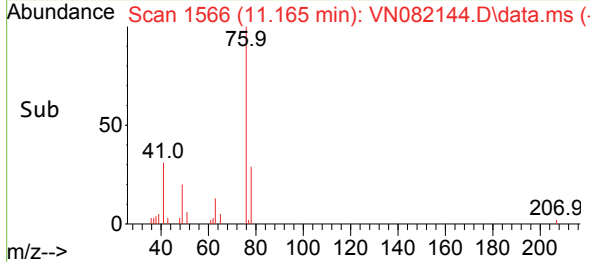
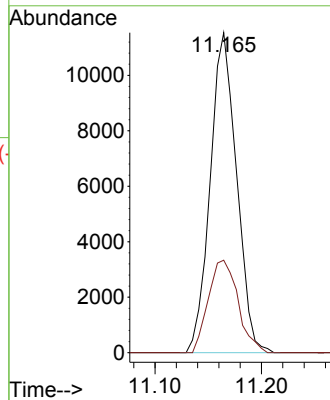
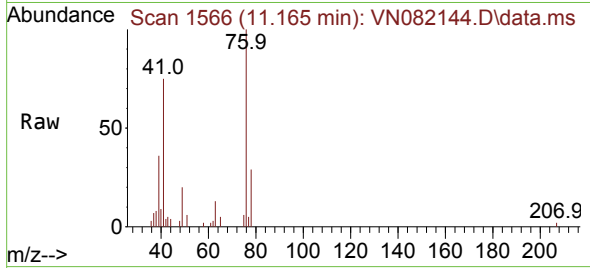




#57
1,3-Dichloropropane
Concen: 5.063 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

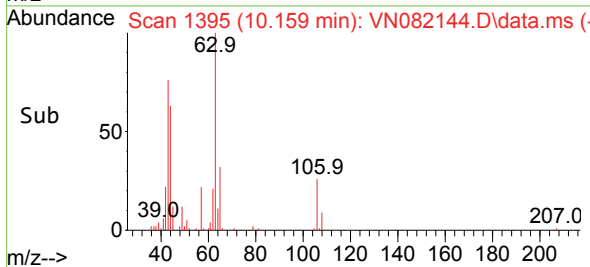
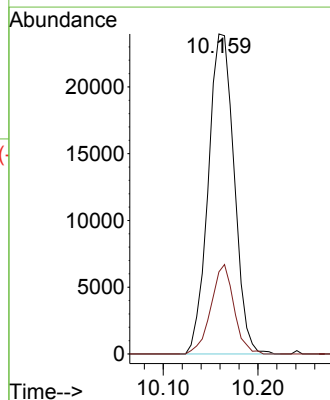
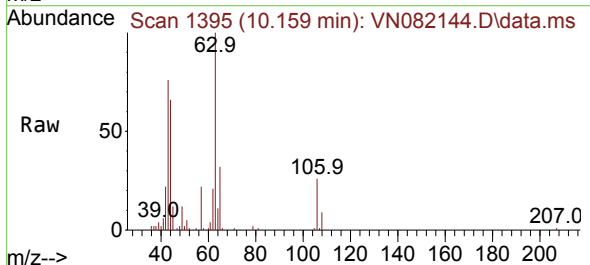
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

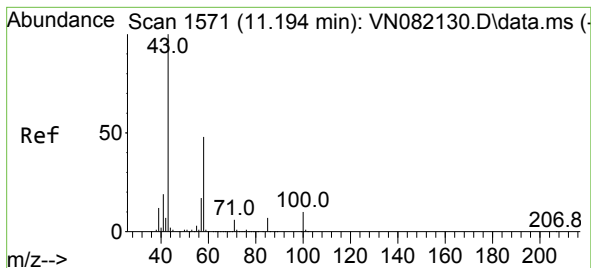
Tgt Ion: 76 Resp: 19822
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 24.801 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 63 Resp: 45476
Ion Ratio Lower Upper
63 100
106 24.8 24.6 36.8





#59

2-Hexanone

Concen: 24.177 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

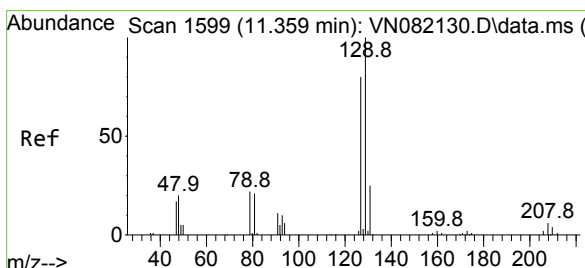
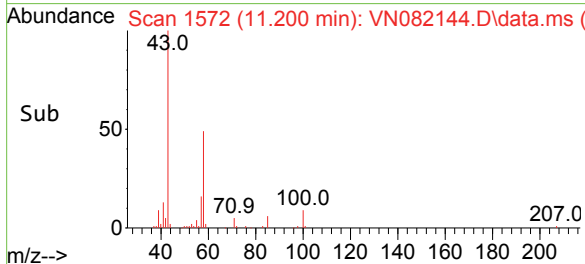
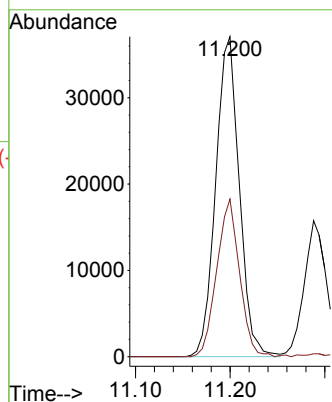
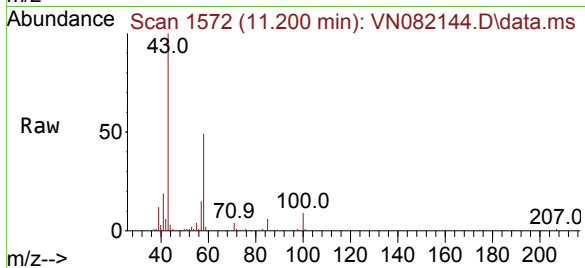
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 64218

Ion Ratio Lower Upper

43 100

58 47.6 28.3 84.9



#60

Dibromochloromethane

Concen: 4.869 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082144.D

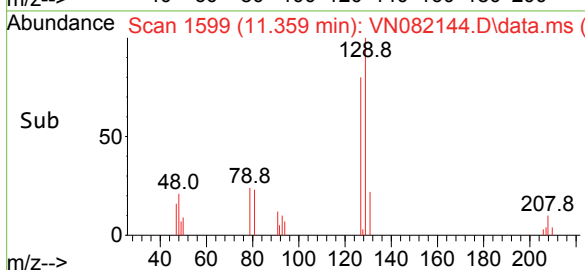
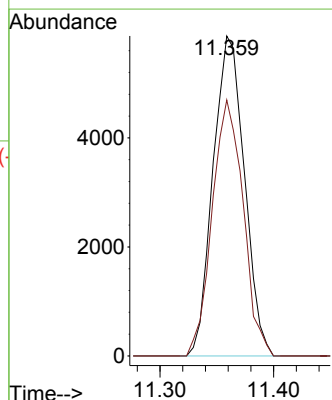
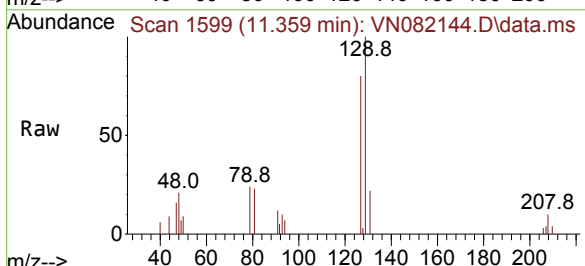
Acq: 15 May 2024 20:26

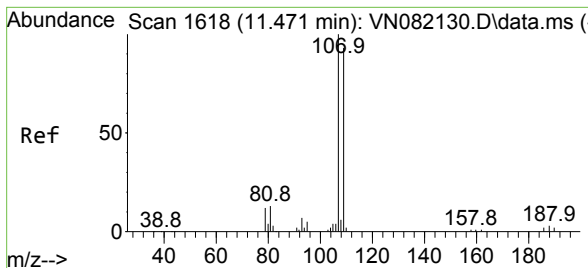
Tgt Ion: 129 Resp: 11250

Ion Ratio Lower Upper

129 100

127 79.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 5.084 ug/l

RT: 11.470 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

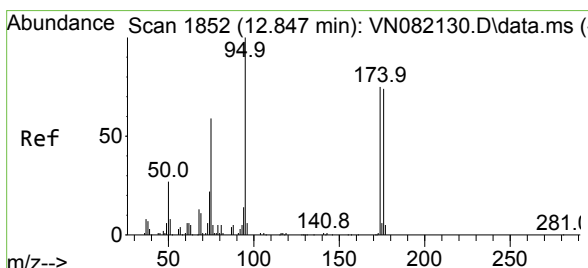
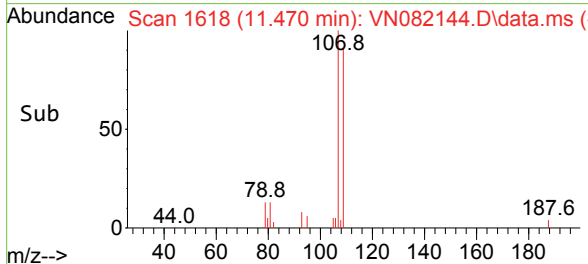
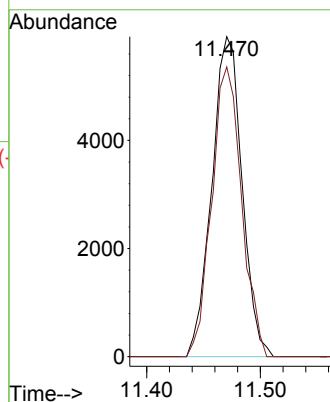
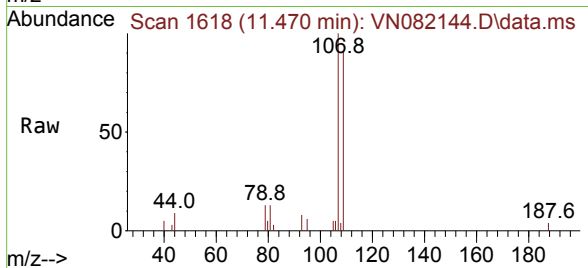
LOQ-WATER-02-QT2-2024

Tgt Ion:107 Resp: 10934

Ion Ratio Lower Upper

107 100

109 89.5 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 46.593 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

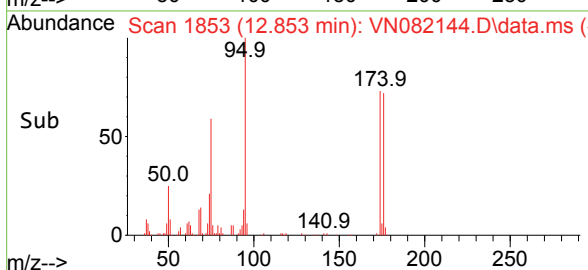
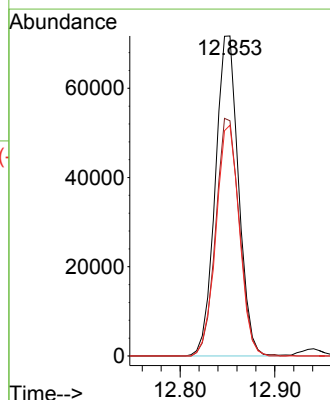
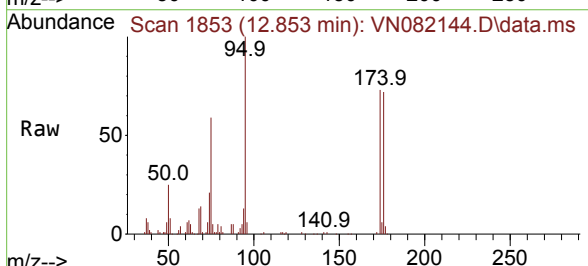
Tgt Ion: 95 Resp: 122400

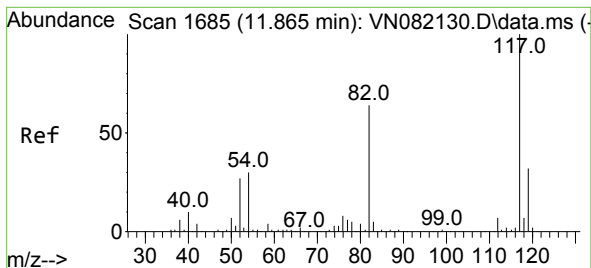
Ion Ratio Lower Upper

95 100

174 75.4 0.0 160.6

176 72.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

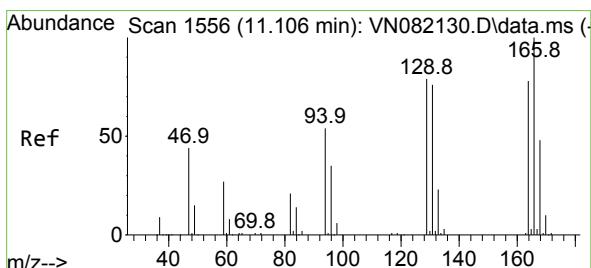
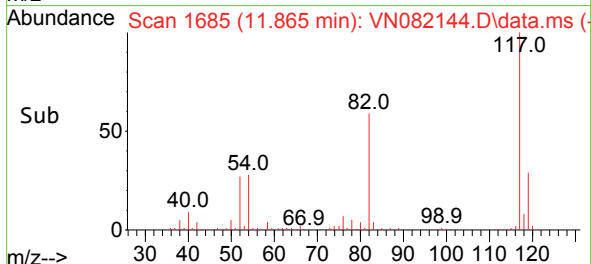
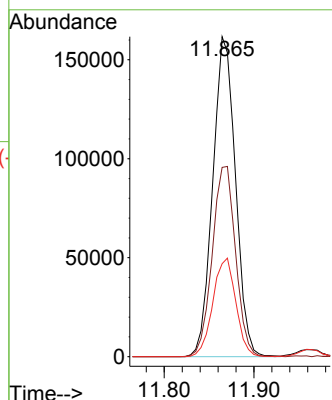
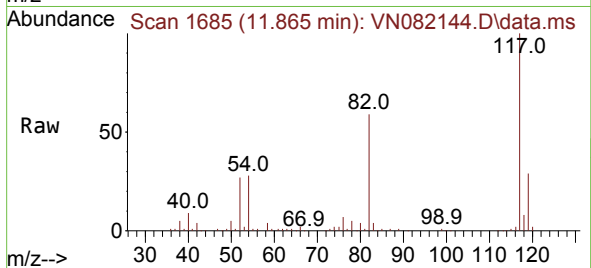
Tgt Ion:117 Resp: 284154

Ion Ratio Lower Upper

117 100

82 59.1 44.6 66.8

119 29.1 25.9 38.9



#64

Tetrachloroethene

Concen: 4.990 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Tgt Ion:164 Resp: 10510

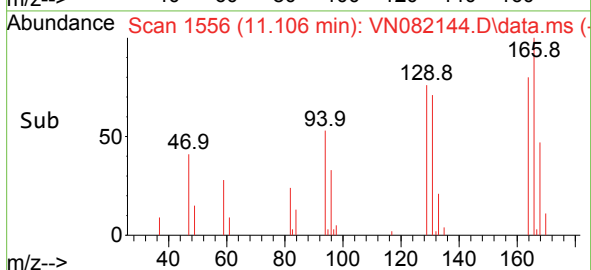
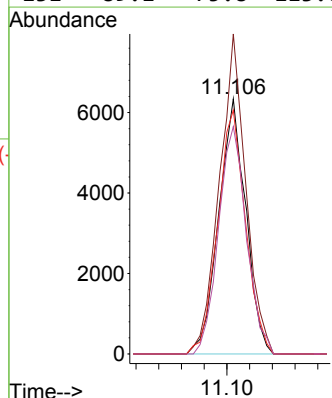
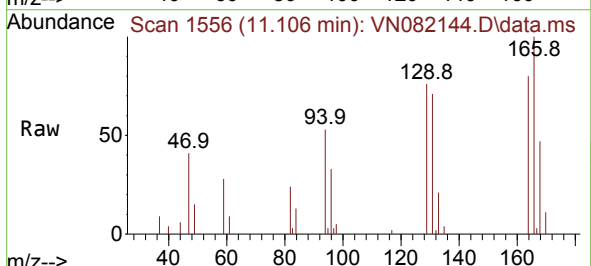
Ion Ratio Lower Upper

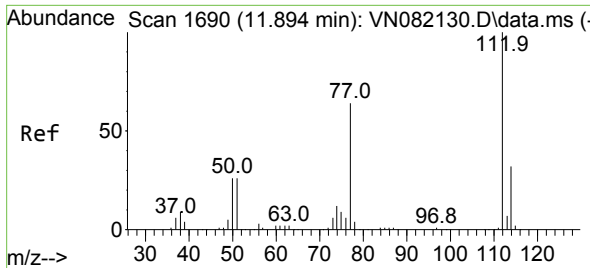
164 100

166 125.4 97.6 146.4

129 95.6 73.7 110.5

131 89.1 75.8 113.6

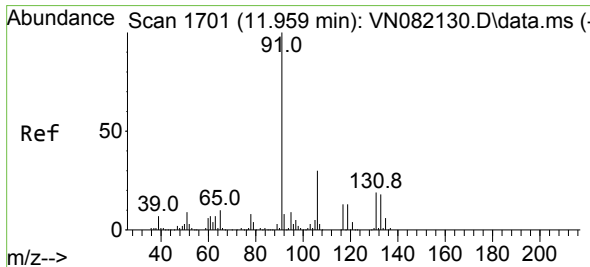
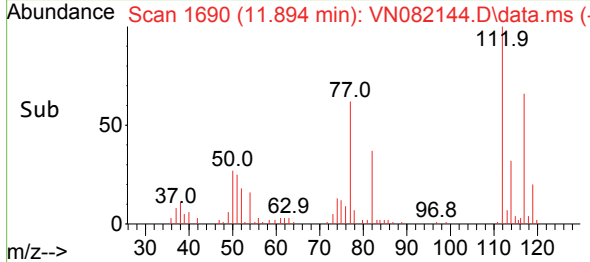
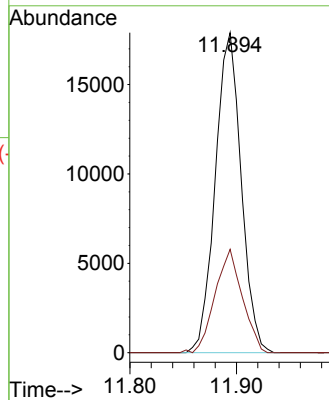
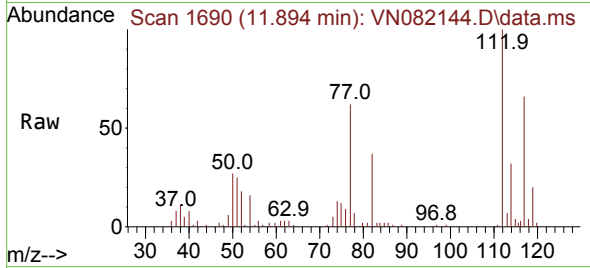




#65
Chlorobenzene
Concen: 4.806 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

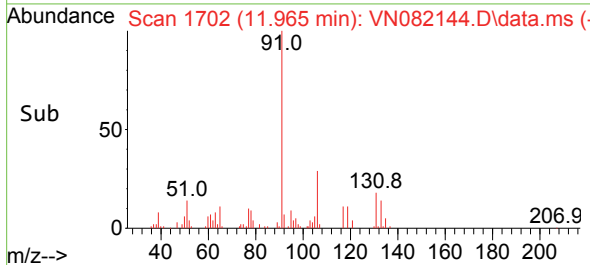
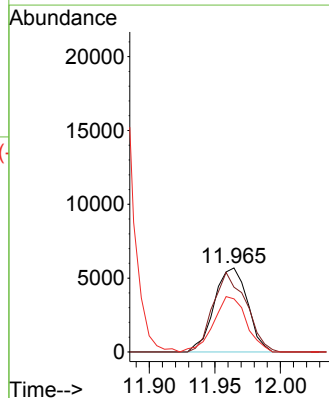
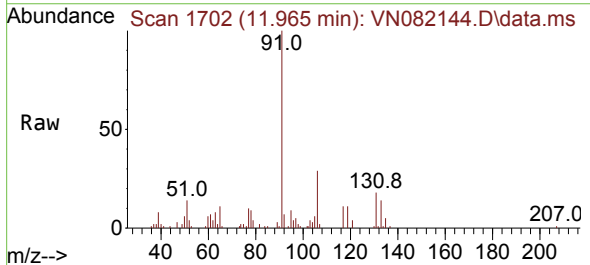
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

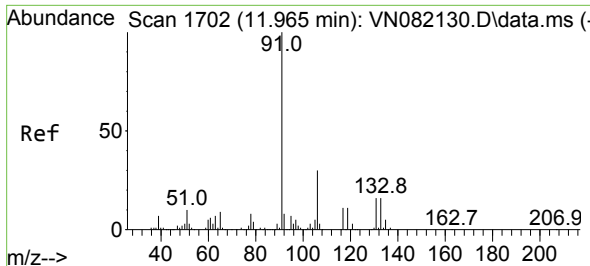
Tgt Ion:112 Resp: 30169
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.865 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:131 Resp: 10059
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.7 32.9 98.7





#67

Ethyl Benzene

Concen: 4.664 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

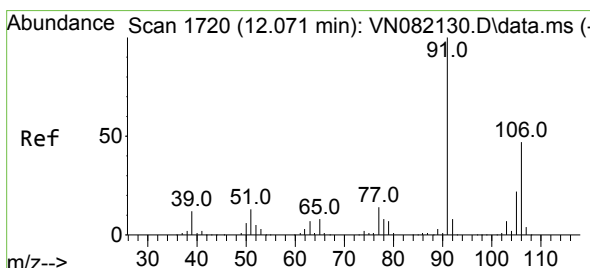
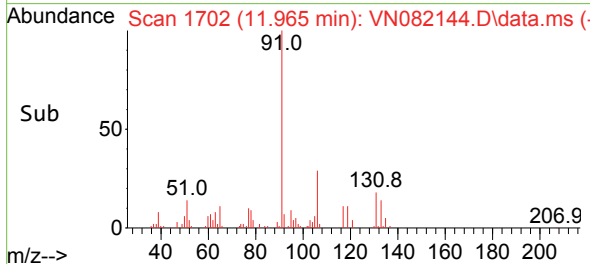
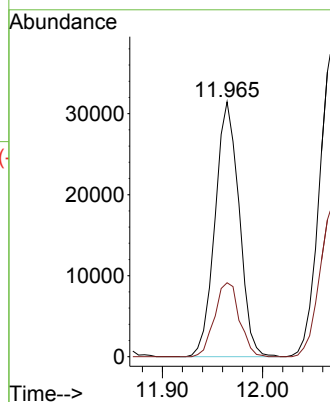
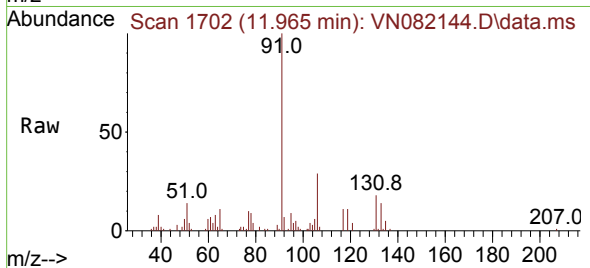
LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 52379

Ion Ratio Lower Upper

91 100

106 29.0 25.3 37.9



#68

m/p-Xylenes

Concen: 9.439 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082144.D

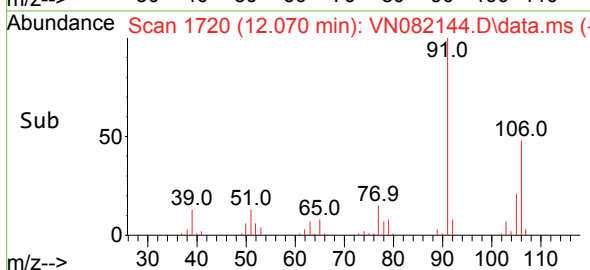
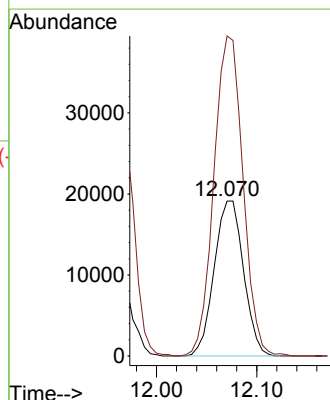
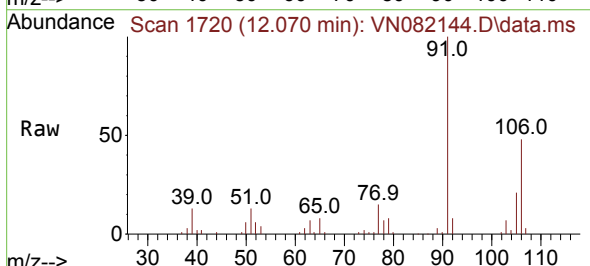
Acq: 15 May 2024 20:26

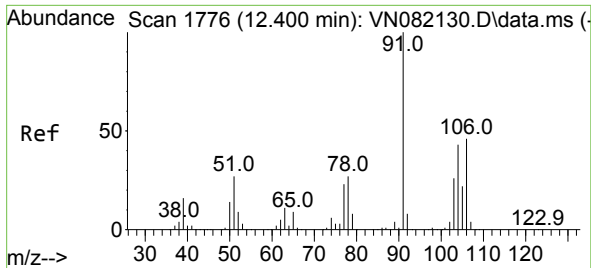
Tgt Ion: 106 Resp: 38846

Ion Ratio Lower Upper

106 100

91 204.9 159.4 239.0

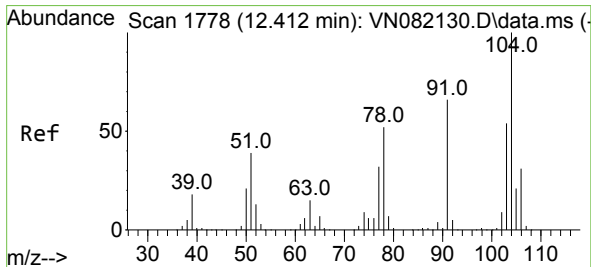
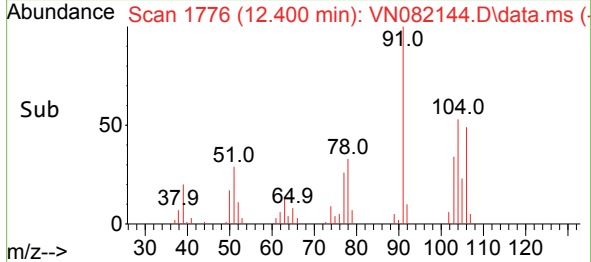
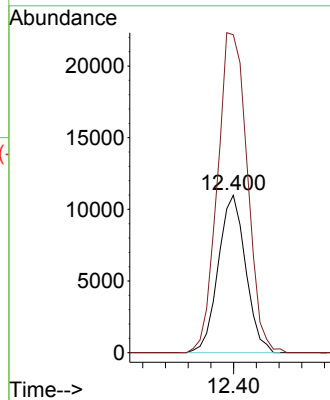
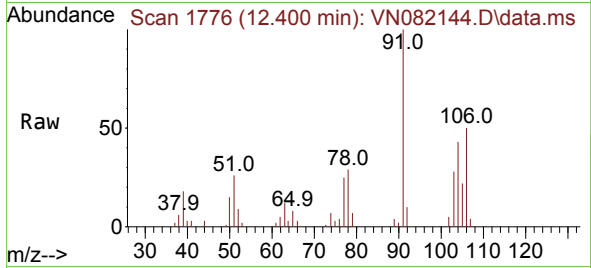




#69
o-Xylene
Concen: 4.618 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

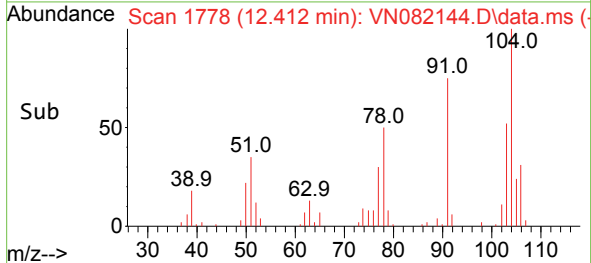
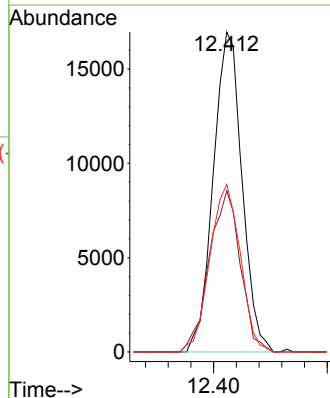
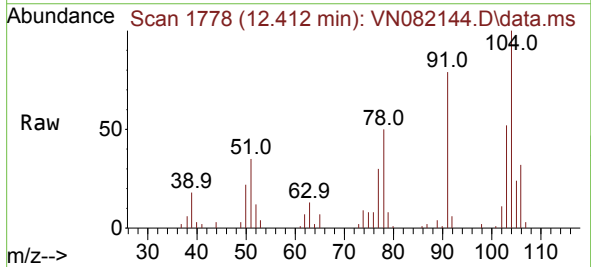
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

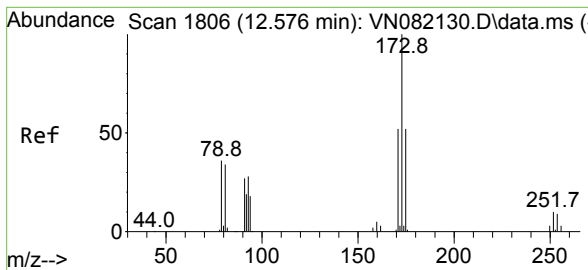
Tgt Ion:106 Resp: 18409
Ion Ratio Lower Upper
106 100
91 221.4 104.7 314.1



#70
Styrene
Concen: 4.493 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:104 Resp: 29752
Ion Ratio Lower Upper
104 100
78 54.5 38.6 58.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 4.910 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

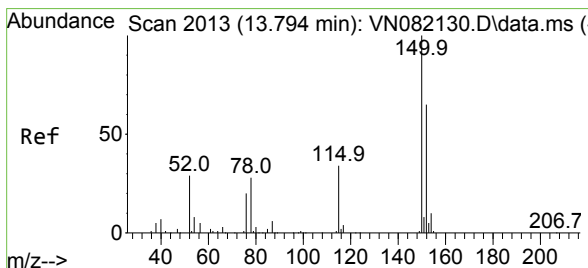
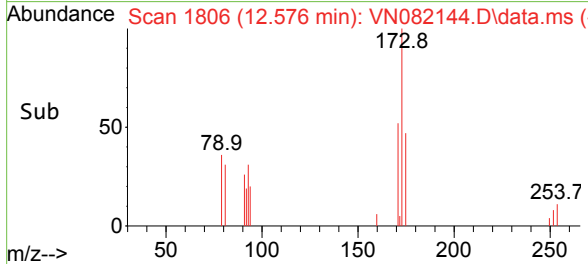
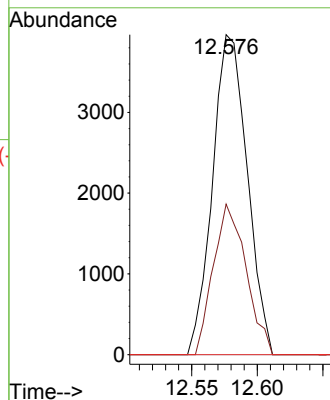
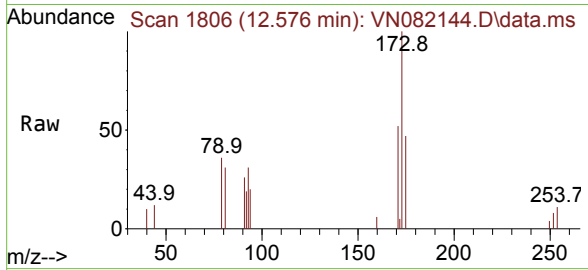
Tgt Ion:173 Resp: 7291

Ion Ratio Lower Upper

173 100

175 44.4 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

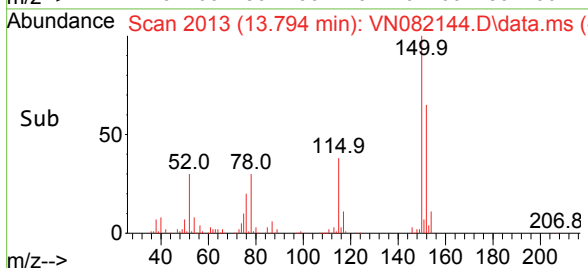
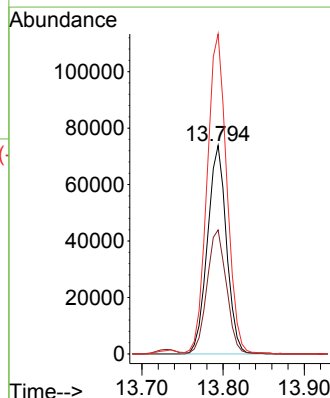
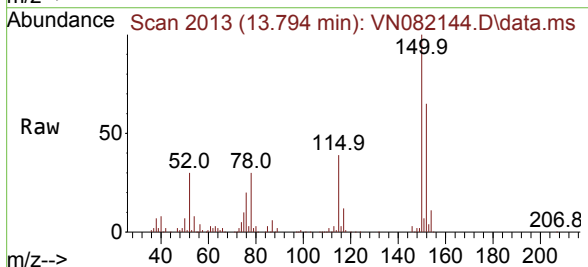
Tgt Ion:152 Resp: 120191

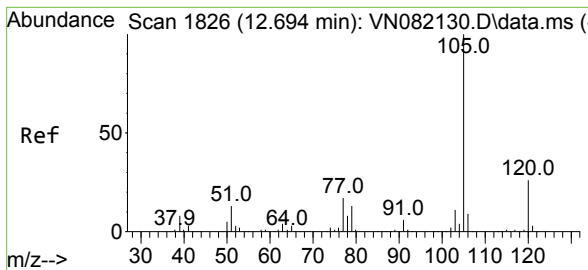
Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 158.9 0.0 353.2

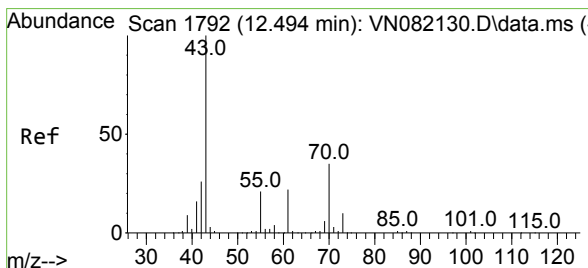
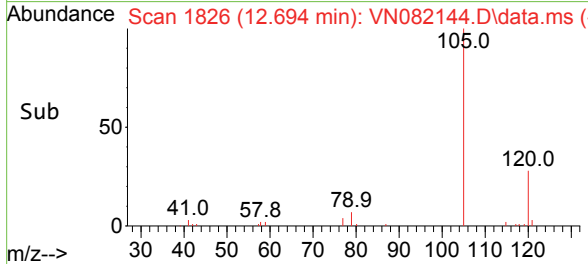
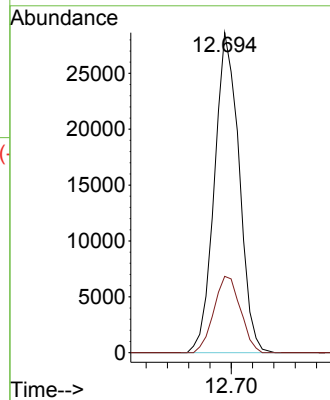
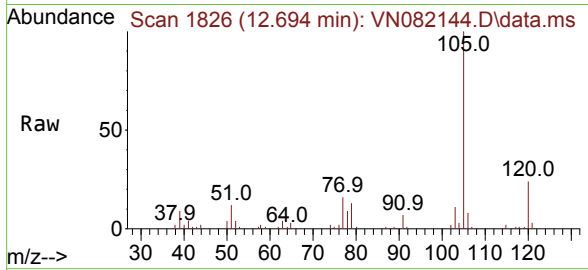




#73
Isopropylbenzene
Concen: 4.809 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

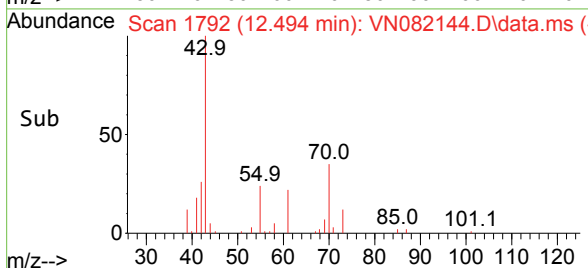
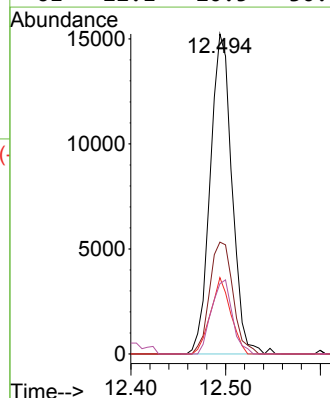
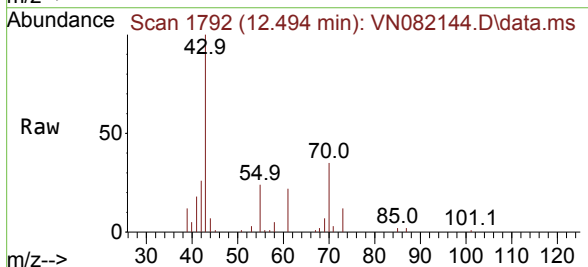
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

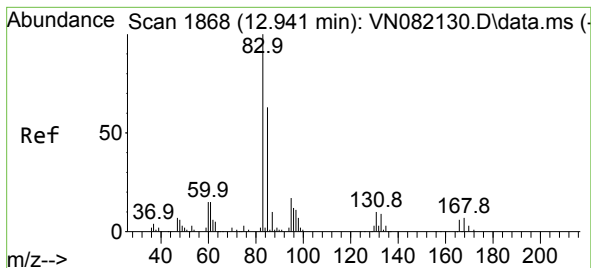
Tgt Ion:	105	Resp:	45920
Ion Ratio	Lower	Upper	
105	100		
120	25.7	13.4	40.1



#74
N-ethyl acetate
Concen: 4.631 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:	43	Resp:	24324
Ion Ratio	Lower	Upper	
43	100		
70	37.5	39.0	58.4
55	22.0	21.3	31.9
61	22.1	20.5	30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.223 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

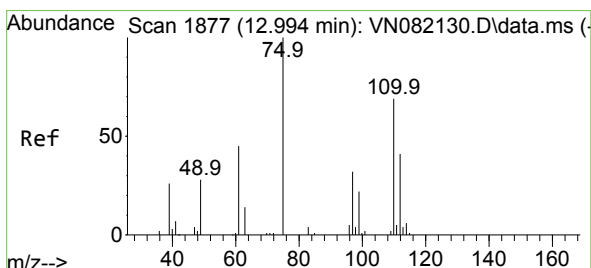
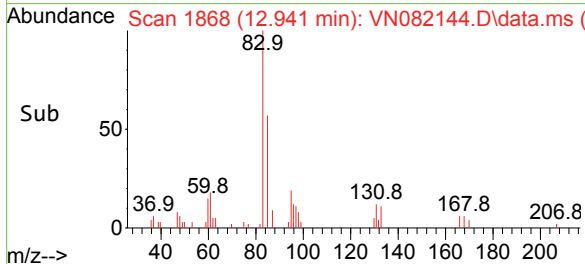
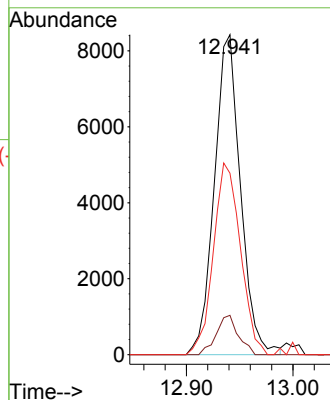
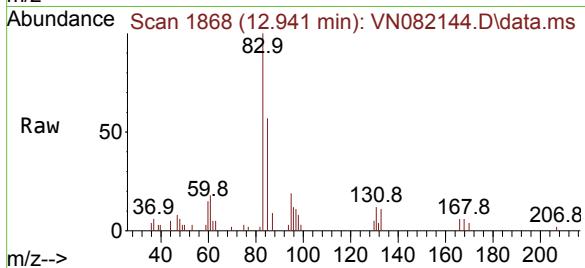
Tgt Ion: 83 Resp: 14376

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 62.0 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 7.890 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082144.D

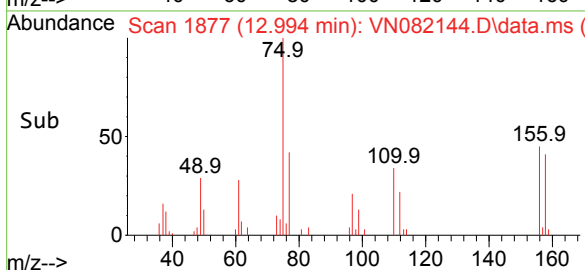
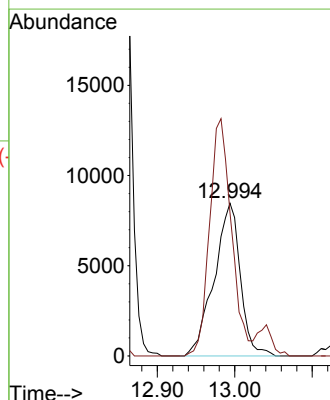
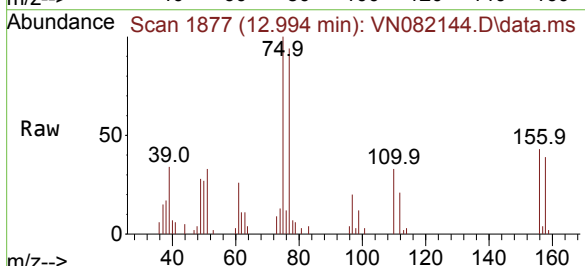
Acq: 15 May 2024 20:26

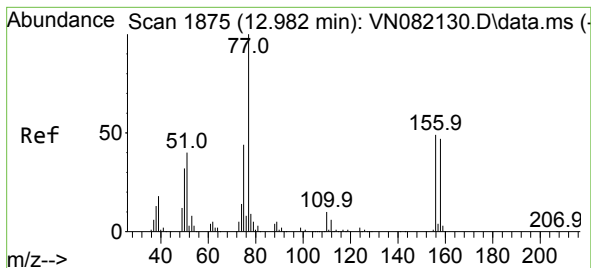
Tgt Ion: 75 Resp: 19959

Ion Ratio Lower Upper

75 100

77 130.6 90.5 271.3





#77

Bromobenzene

Concen: 4.875 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

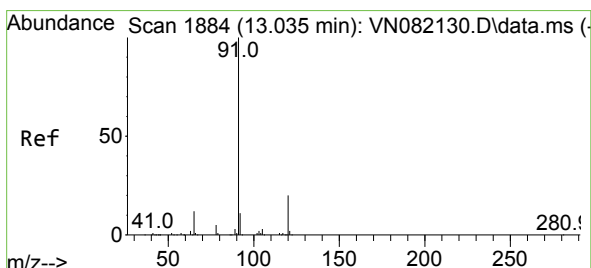
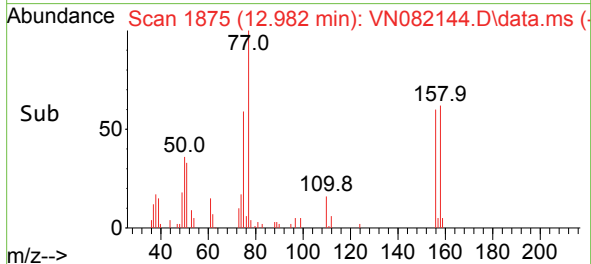
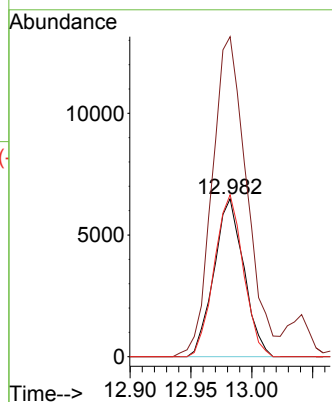
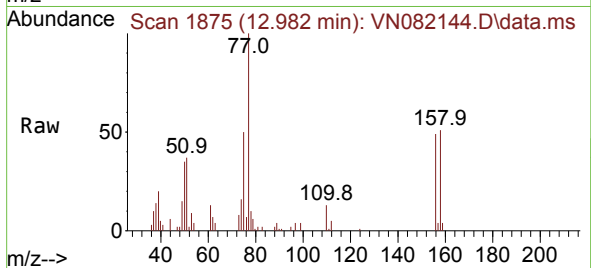
Tgt Ion:156 Resp: 11093

Ion Ratio Lower Upper

156 100

77 234.9 100.2 300.6

158 99.6 49.1 147.3



#78

n-propylbenzene

Concen: 4.847 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082144.D

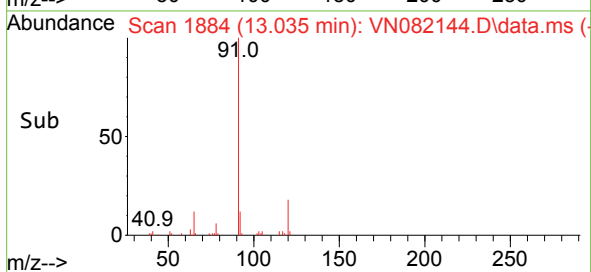
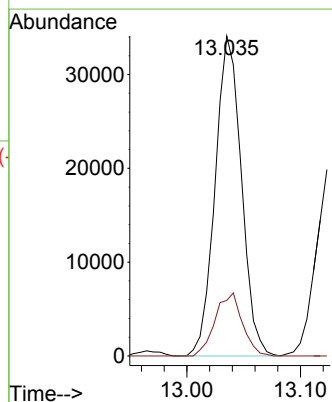
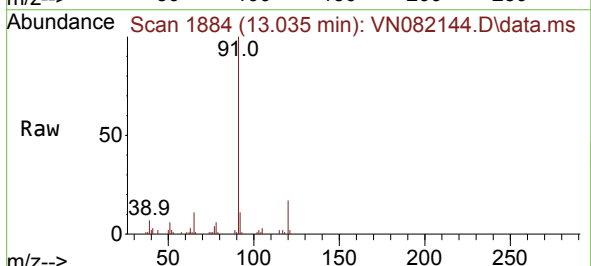
Acq: 15 May 2024 20:26

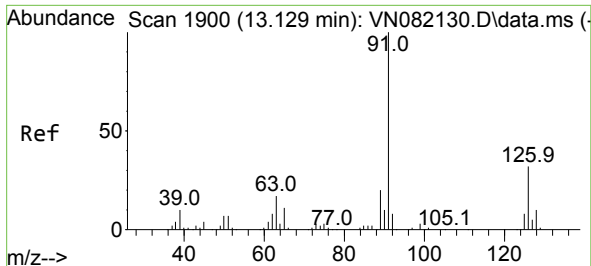
Tgt Ion: 91 Resp: 54800

Ion Ratio Lower Upper

91 100

120 20.4 11.7 35.0

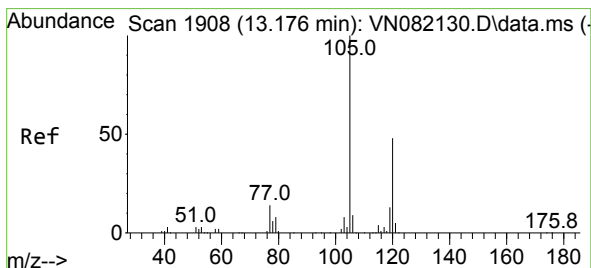
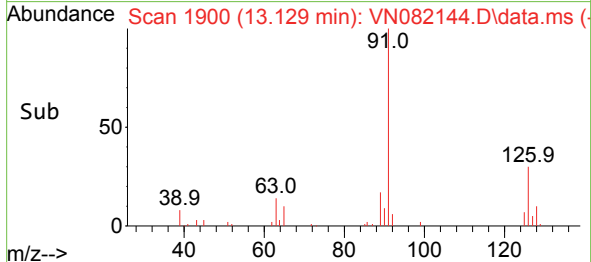
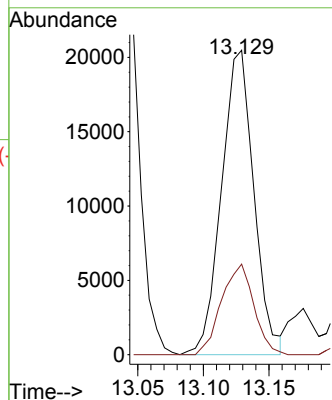
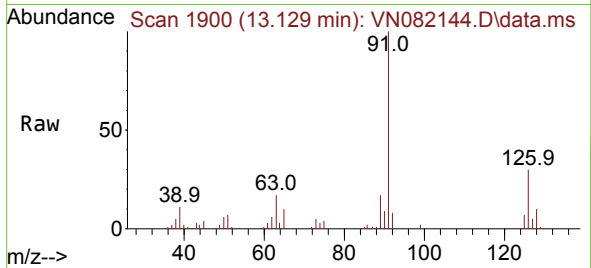




#79
2-Chlorotoluene
Concen: 4.946 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

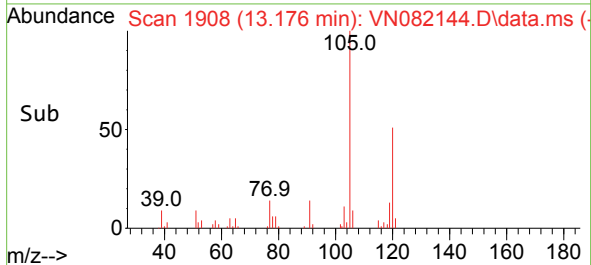
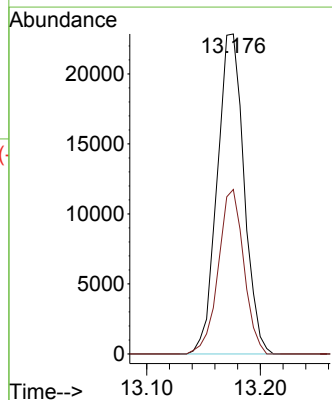
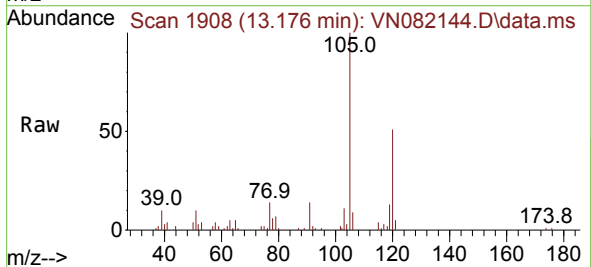
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

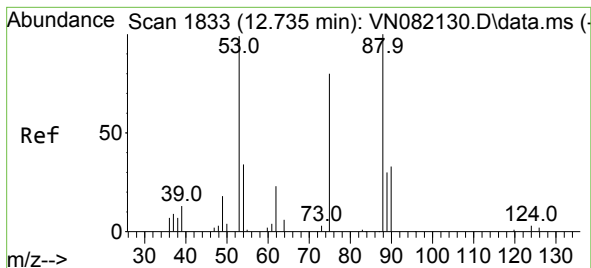
Tgt Ion: 91 Resp: 35120
Ion Ratio Lower Upper
91 100
126 29.8 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 4.850 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 105 Resp: 37447
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.3

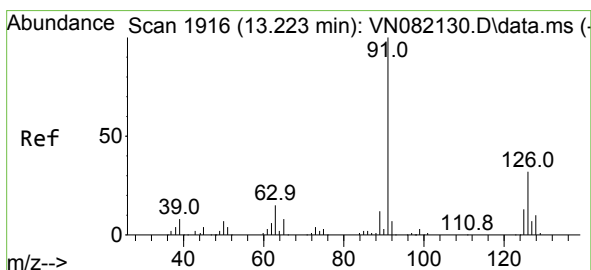
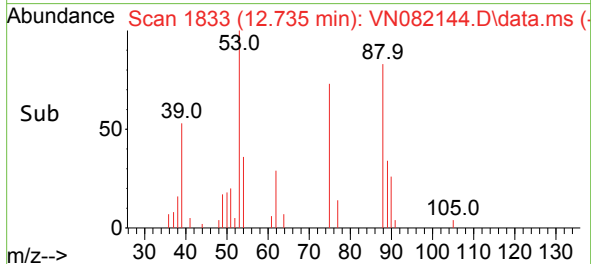
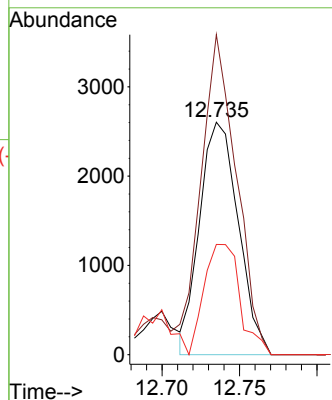
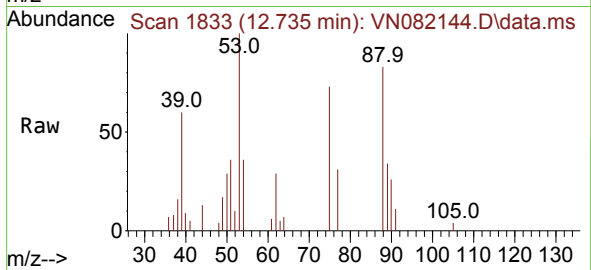




#81
trans-1,4-Dichloro-2-butene
Concen: 4.177 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

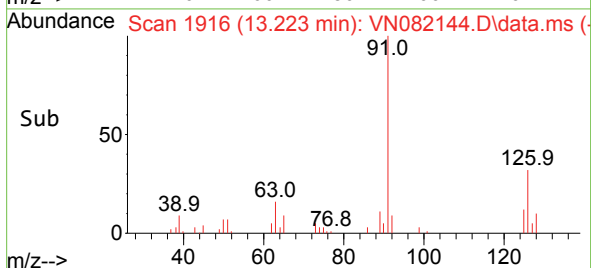
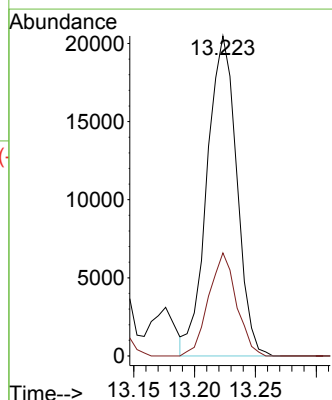
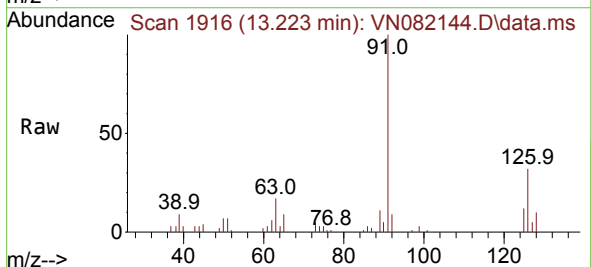
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

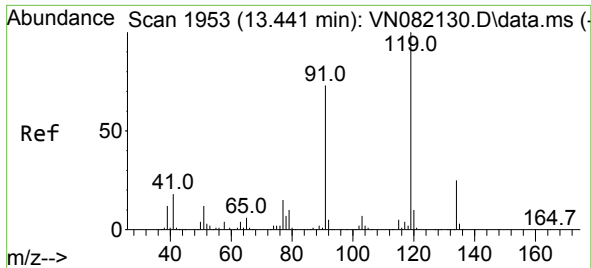
Tgt Ion: 75 Resp: 4518
Ion Ratio Lower Upper
75 100
53 127.0 72.9 109.3#
89 43.9 39.1 58.7



#82
4-Chlorotoluene
Concen: 5.004 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 91 Resp: 34740
Ion Ratio Lower Upper
91 100
126 30.2 17.4 52.3

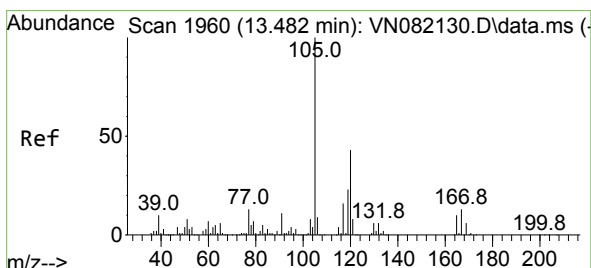
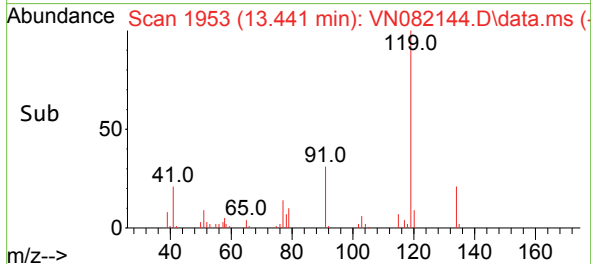
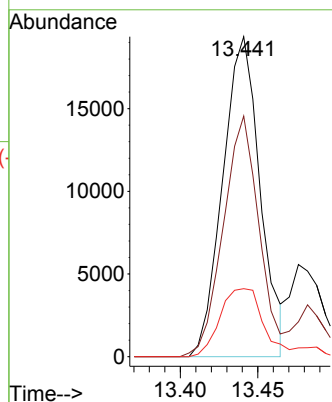
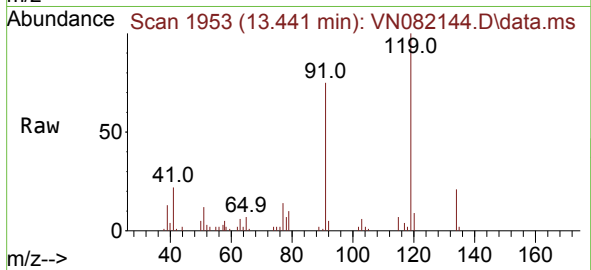




#83
 tert-Butylbenzene
 Concen: 4.801 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

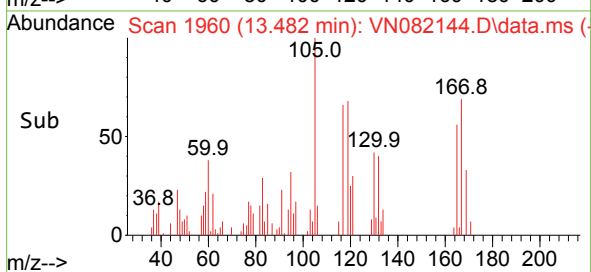
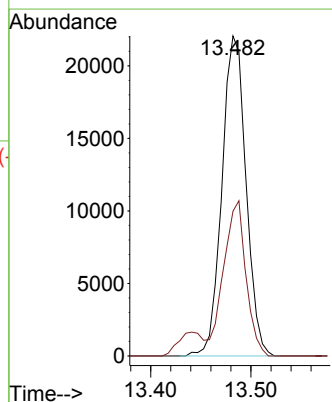
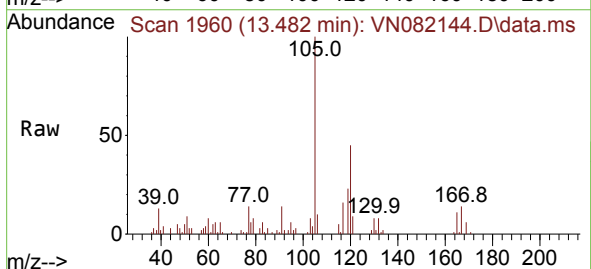
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2024

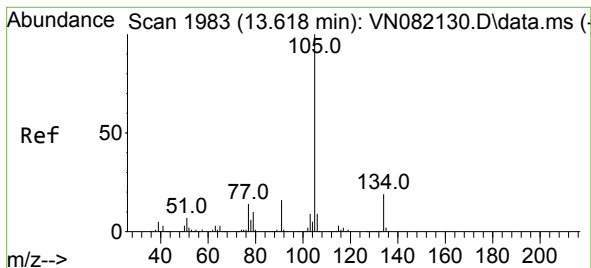
Tgt Ion:	119	Resp:	32431
Ion Ratio	Lower	Upper	
119	100		
91	71.6	32.6	97.8
134	26.4	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.652 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

Tgt Ion:	105	Resp:	36743
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 4.753 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

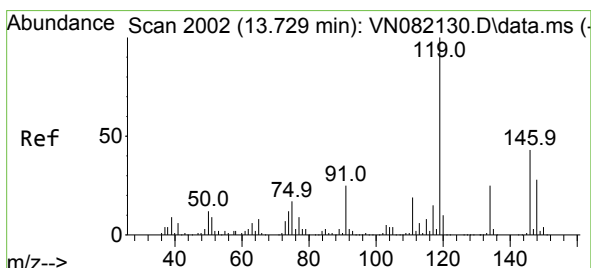
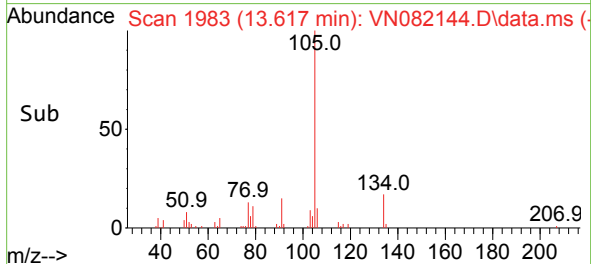
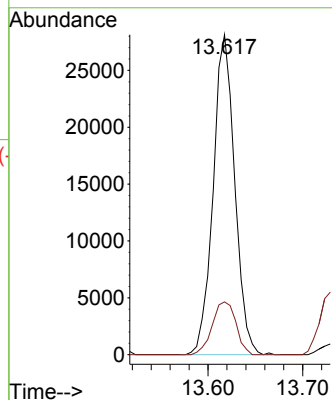
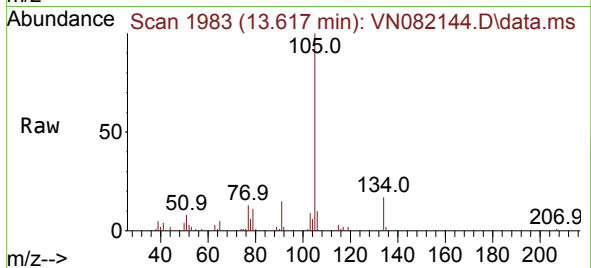
LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 44500

Ion Ratio Lower Upper

105 100

134 18.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.461 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

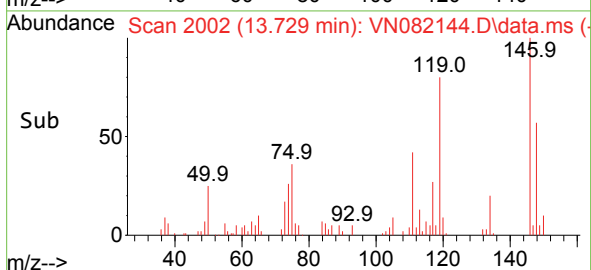
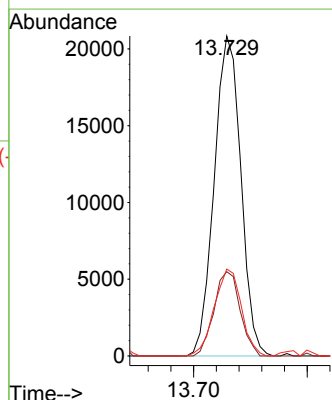
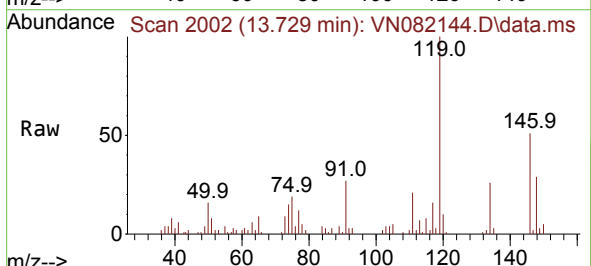
Tgt Ion:119 Resp: 33940

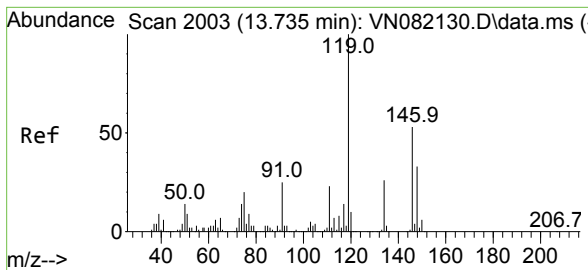
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 27.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 4.779 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

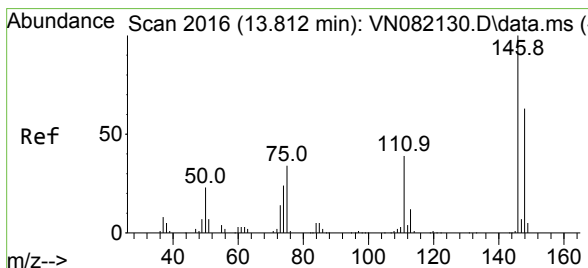
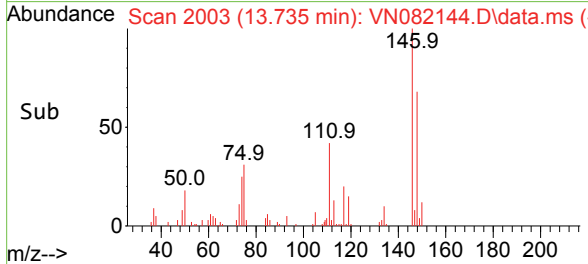
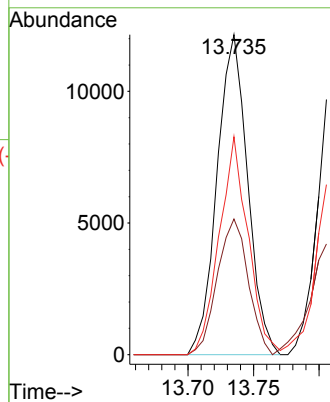
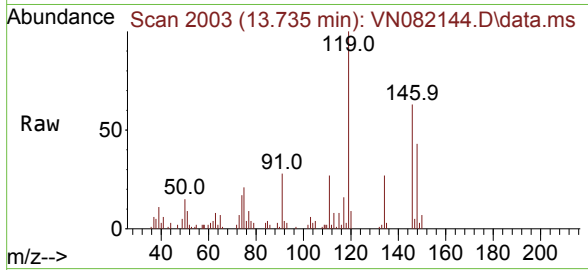
Tgt Ion:146 Resp: 19702

Ion Ratio Lower Upper

146 100

111 42.9 20.8 62.5

148 64.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 4.844 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

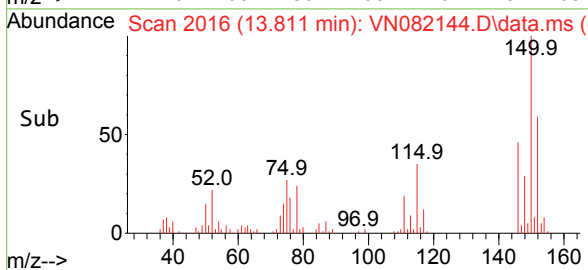
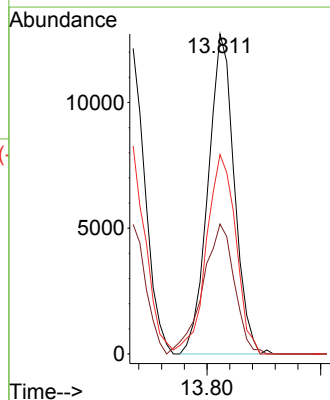
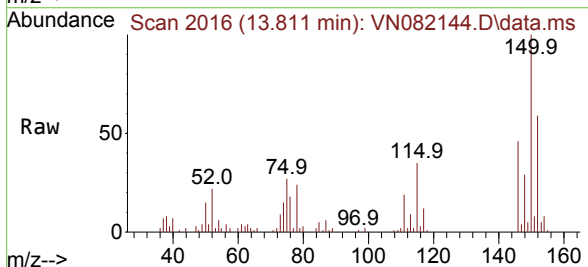
Tgt Ion:146 Resp: 20381

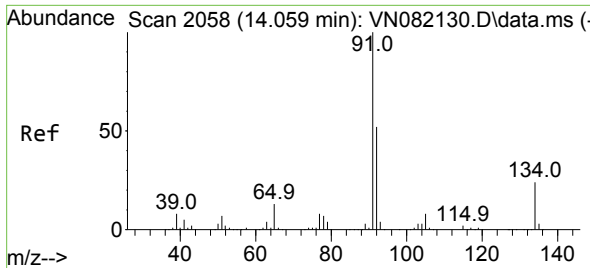
Ion Ratio Lower Upper

146 100

111 48.9 19.3 57.9

148 69.8 31.3 93.9

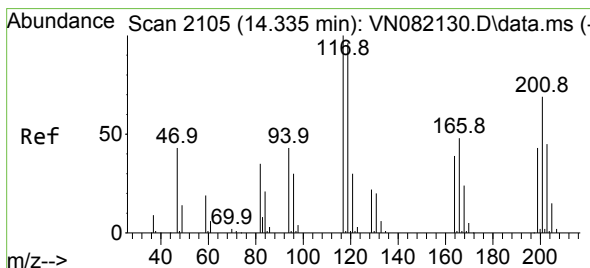
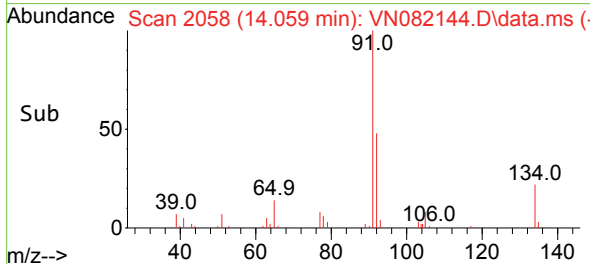
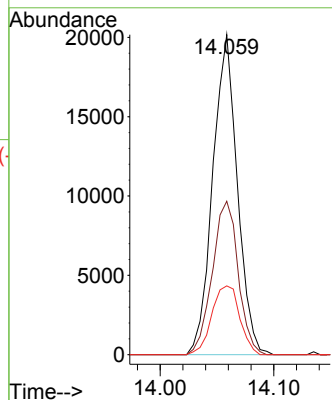
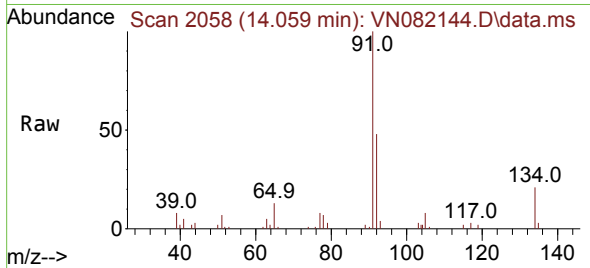




#89
n-Butylbenzene
Concen: 4.434 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

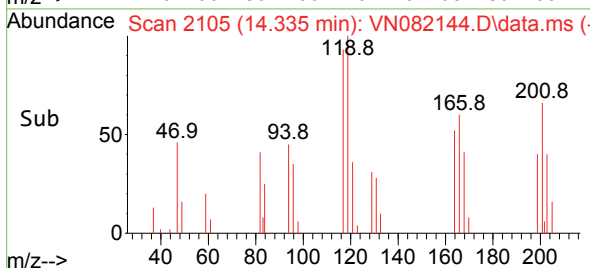
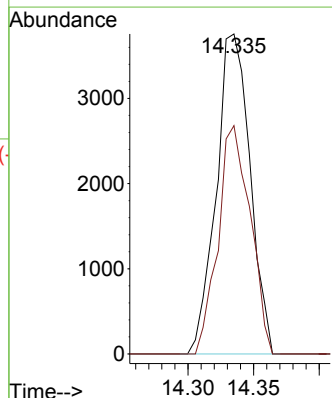
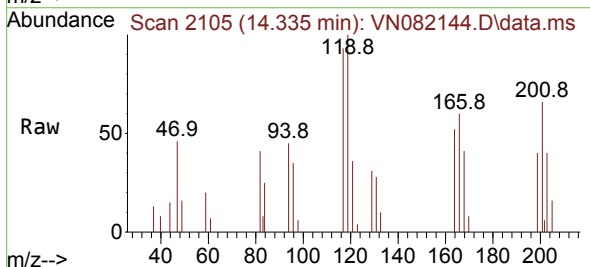
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

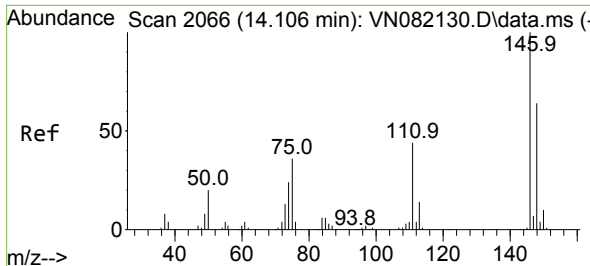
Tgt Ion: 91	Resp: 30326
Ion Ratio	Lower Upper
91	100
92	50.6 26.2 78.5
134	24.4 13.2 39.5



#90
Hexachloroethane
Concen: 4.771 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion: 117	Resp: 6726
Ion Ratio	Lower Upper
117	100
201	67.9 33.3 99.8

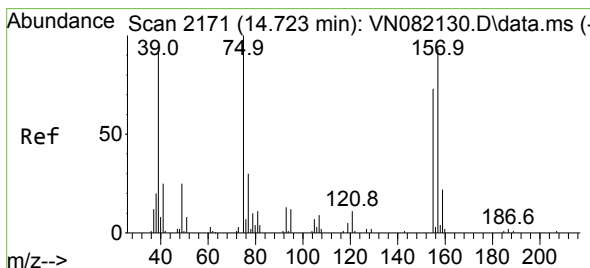
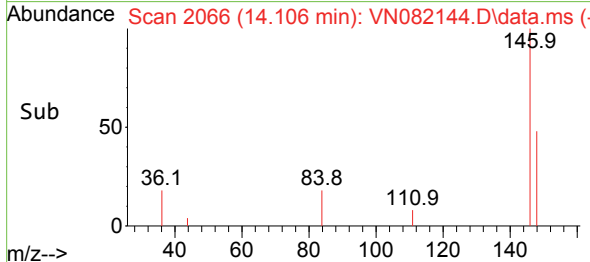
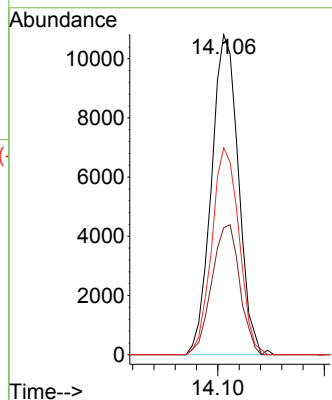
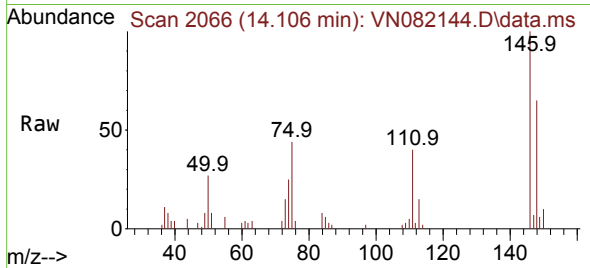




#91
1,2-Dichlorobenzene
Concen: 4.853 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

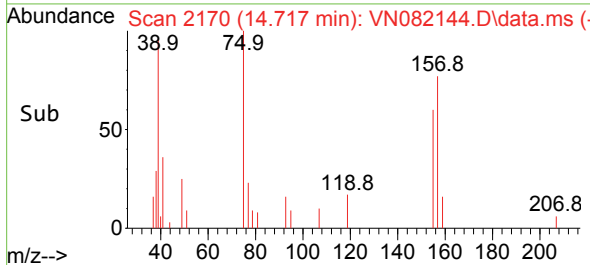
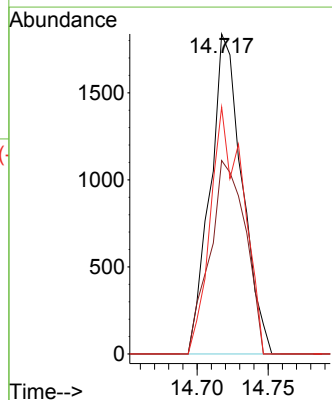
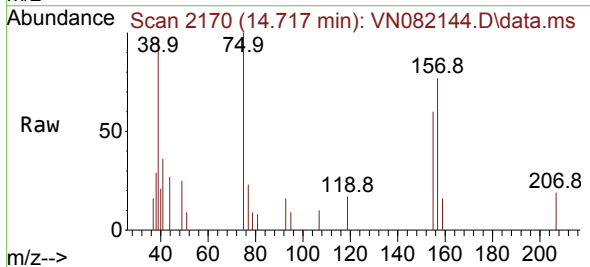
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

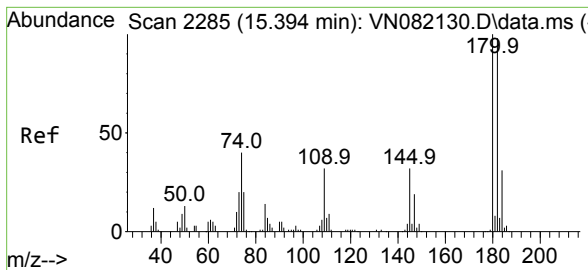
Tgt Ion:	146	Resp:	18937
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	65.4	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.066 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082144.D
Acq: 15 May 2024 20:26

Tgt Ion:	75	Resp:	2865
Ion	Ratio	Lower	Upper
75	100		
155	67.9	42.6	128.0
157	79.4	53.0	159.0

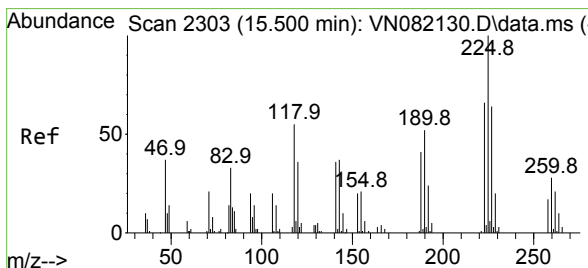
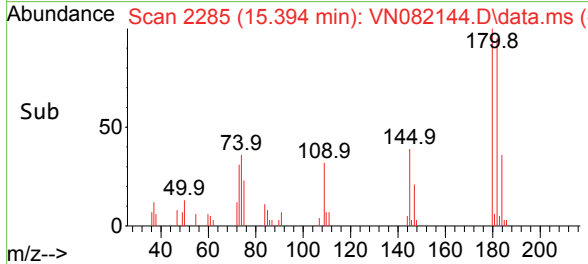
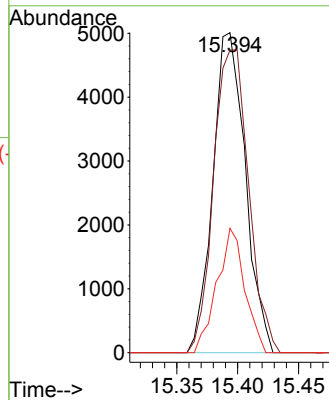
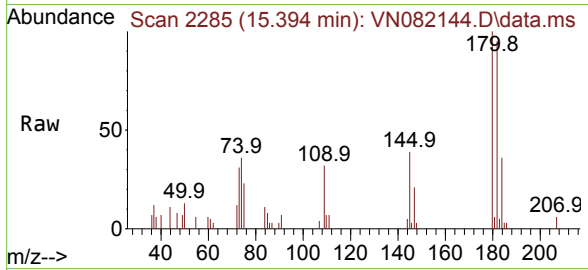




#93
 1,2,4-Trichlorobenzene
 Concen: 4.245 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

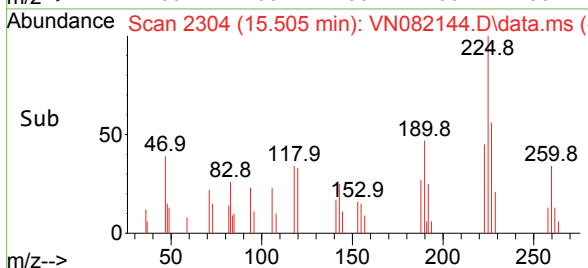
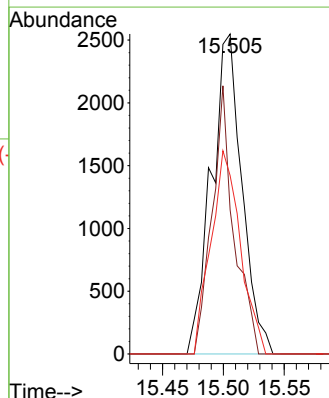
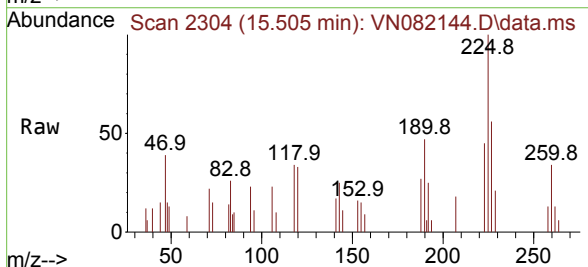
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

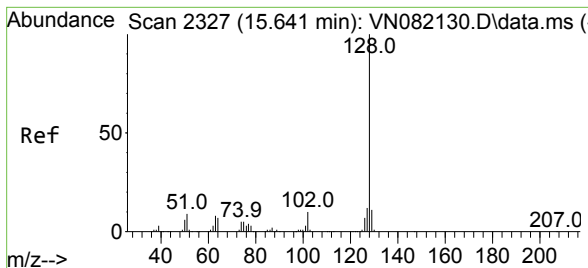
Tgt Ion:180 Resp: 9285
 Ion Ratio Lower Upper
 180 100
 182 102.2 46.7 140.0
 145 33.2 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 4.635 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN082144.D
 Acq: 15 May 2024 20:26

Tgt Ion:225 Resp: 4449
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.1 93.2
 227 61.2 30.6 91.6





#95

Naphthalene

Concen: 4.198 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

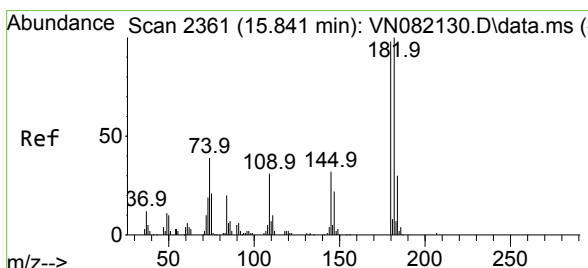
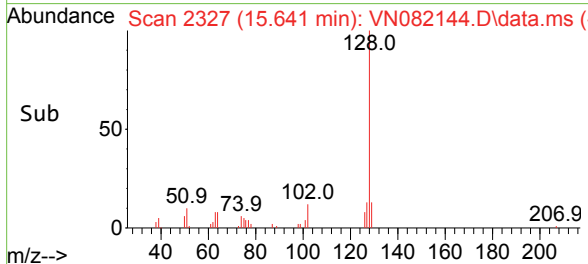
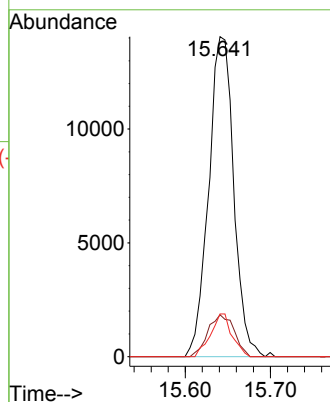
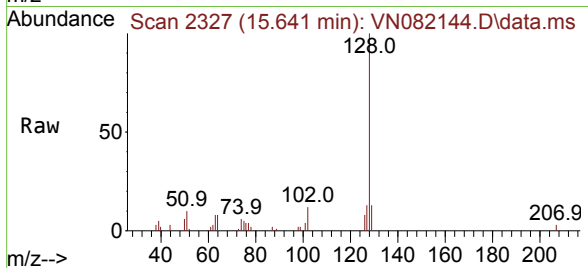
Tgt Ion:128 Resp: 28779

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 4.134 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082144.D

Acq: 15 May 2024 20:26

Tgt Ion:180 Resp: 9052

Ion Ratio Lower Upper

180 100

182 98.3 46.0 137.8

145 34.4 17.1 51.3

