

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082142.D
 Acq On : 15 May 2024 19:38
 Operator : JC\MD
 Sample : P2403-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 16 06:10:30 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	184517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142731	48.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.980%
35) Dibromofluoromethane	8.171	113	96279	49.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	10.565	98	362284	48.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.853	95	120702	45.141	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	6896	2.592	ug/l	93
3) Chloromethane	2.365	50	7838	2.600	ug/l	94
4) Vinyl Chloride	2.512	62	7477	2.638	ug/l #	88
5) Bromomethane	2.954	94	4848	2.976	ug/l	90
6) Chloroethane	3.118	64	5052	2.730	ug/l	98
7) Trichlorofluoromethane	3.495	101	9743	2.625	ug/l	95
8) Diethyl Ether	3.965	74	3466	2.621	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.365	101	5526	2.549	ug/l	96
10) Methyl Iodide	4.595	142	4097	1.880	ug/l #	80
11) Tert butyl alcohol	5.524	59	6125	13.096	ug/l #	80
12) 1,1-Dichloroethene	4.342	96	5327	2.643	ug/l #	76
13) Acrolein	4.183	56	3340	9.637	ug/l	96
14) Allyl chloride	5.024	41	10916	2.530	ug/l #	85
15) Acrylonitrile	5.718	53	15579	12.862	ug/l #	89
16) Acetone	4.436	43	14589	12.206	ug/l	92
17) Carbon Disulfide	4.712	76	15714	2.414	ug/l	98
18) Methyl Acetate	5.030	43	8523	2.863	ug/l #	67
19) Methyl tert-butyl Ether	5.795	73	18756	2.546	ug/l	97
20) Methylene Chloride	5.271	84	6737	2.794	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	5287	2.408	ug/l	86
22) Diisopropyl ether	6.665	45	21457	2.382	ug/l #	87
23) Vinyl Acetate	6.606	43	92598	13.036	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	11777	2.536	ug/l #	89
25) 2-Butanone	7.489	43	22702	12.528	ug/l #	76
26) 2,2-Dichloropropane	7.489	77	10308	2.650	ug/l	89
27) cis-1,2-Dichloroethene	7.483	96	6453	2.490	ug/l	76
28) Bromochloromethane	7.818	49	6571	3.037	ug/l #	70
29) Tetrahydrofuran	7.847	42	14532	12.490	ug/l #	81
30) Chloroform	7.965	83	11198	2.525	ug/l	100
31) Cyclohexane	8.259	56	15499	3.331	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	10198	2.592	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	8042	2.454	ug/l	96
37) Ethyl Acetate	7.559	43	9756	2.660	ug/l #	90
38) Carbon Tetrachloride	8.365	117	8352	2.514	ug/l	95
39) Methylcyclohexane	9.600	83	8228	2.291	ug/l #	78
40) Benzene	8.606	78	25556	2.615	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	5002	2.319	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	11086	2.950	ug/l	90
43) Isopropyl Acetate	8.688	43	17125	2.635	ug/l #	87
44) Trichloroethene	9.359	130	5606	2.525	ug/l	95
45) 1,2-Dichloropropane	9.624	63	6344	2.516	ug/l	97
46) Dibromomethane	9.706	93	4373	2.642	ug/l	95
47) Bromodichloromethane	9.888	83	9085	2.600	ug/l #	94
48) Methyl methacrylate	9.677	41	7595	2.453	ug/l #	78
49) 1,4-Dioxane	9.700	88	2189	50.448	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	45570	12.342	ug/l	88
52) Toluene	10.630	92	14752	2.515	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	8879	2.457	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	9014	2.356	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	5642	2.647	ug/l	95
56) Ethyl methacrylate	10.877	69	8783	2.427	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	9619	2.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	22720	12.174	ug/l	90
59) 2-Hexanone	11.200	43	32544	12.038	ug/l	84
60) Dibromochloromethane	11.359	129	5785	2.460	ug/l	100
61) 1,2-Dibromoethane	11.477	107	5308	2.425	ug/l	95
64) Tetrachloroethene	11.106	164	5442	2.574	ug/l	94
65) Chlorobenzene	11.888	112	15418	2.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	5571	2.684	ug/l	91
67) Ethyl Benzene	11.965	91	26174	2.322	ug/l	100
68) m/p-Xylenes	12.071	106	18751	4.539	ug/l	95
69) o-Xylene	12.400	106	9360	2.339	ug/l	92
70) Styrene	12.418	104	14349	2.159	ug/l	94
71) Bromoform	12.576	173	3470	2.328	ug/l #	98
73) Isopropylbenzene	12.694	105	23014	2.415	ug/l	98
74) N-amyl acetate	12.500	43	11947	2.279	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	7472	2.720	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	9752	3.862	ug/l #	1
77) Bromobenzene	12.982	156	5903	2.599	ug/l	91
78) n-propylbenzene	13.035	91	27738	2.458	ug/l	94
79) 2-Chlorotoluene	13.123	91	18440	2.602	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	18961	2.461	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	71253	66.007	ug/l #	12
82) 4-Chlorotoluene	13.223	91	17252	2.490	ug/l	91
83) tert-Butylbenzene	13.435	119	16381	2.430	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	18030	2.287	ug/l	96
85) sec-Butylbenzene	13.618	105	20780	2.224	ug/l	96
86) p-Isopropyltoluene	13.729	119	16627	2.189	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	9986	2.427	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	10267	2.445	ug/l	81
89) n-Butylbenzene	14.059	91	15894	2.329	ug/l	90
90) Hexachloroethane	14.335	117	3496	2.485	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	9962	2.558	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1410	2.498	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	4544	2.081	ug/l	97
94) Hexachlorobutadiene	15.506	225	2264	2.363	ug/l	93
95) Naphthalene	15.641	128	14141	2.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	4524	2.070	ug/l	99

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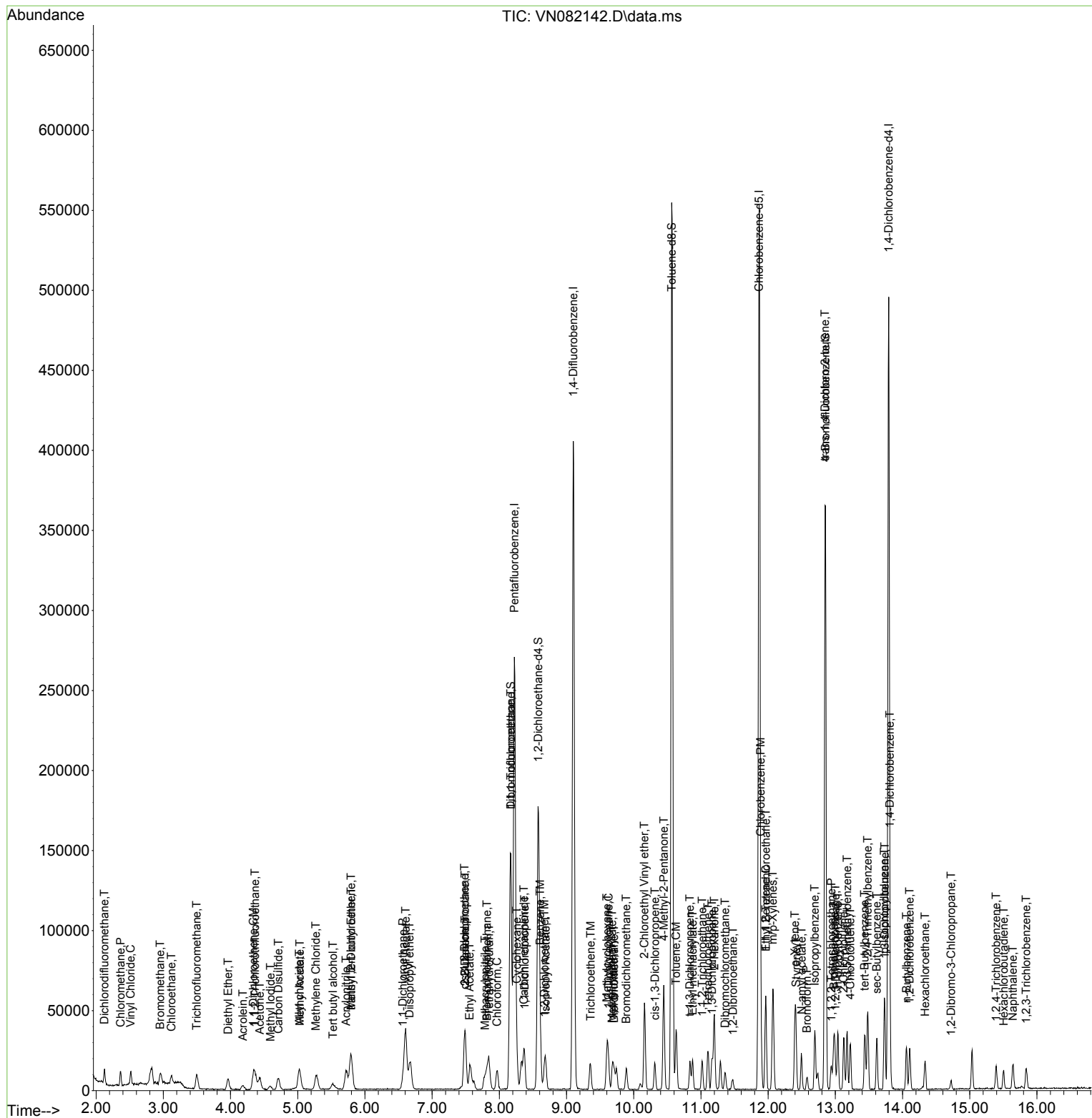
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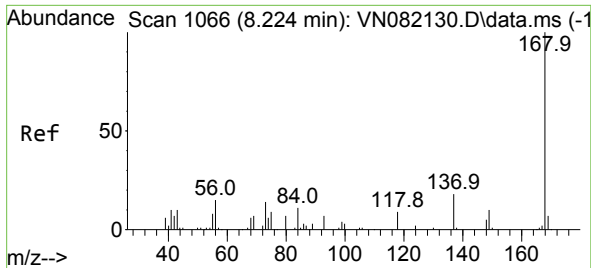
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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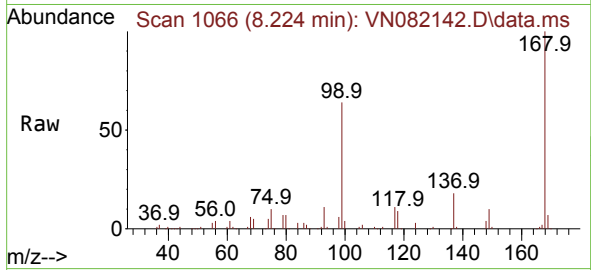
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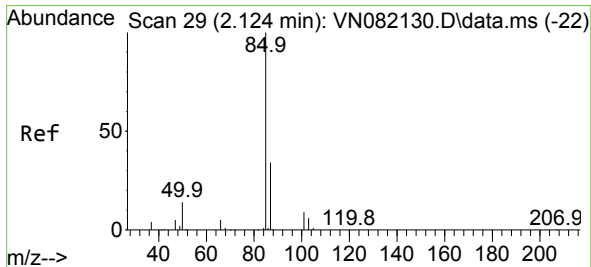
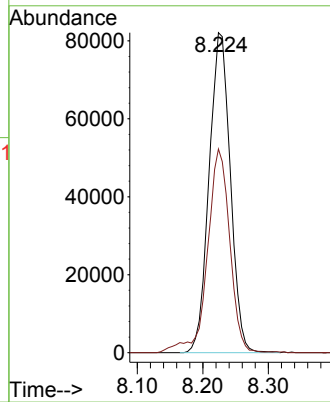
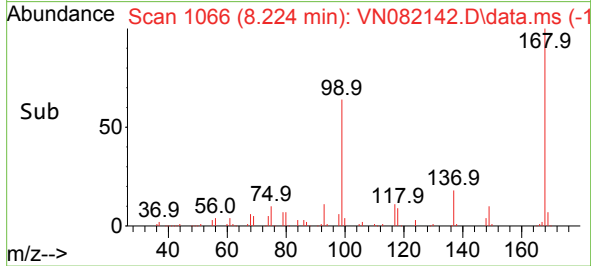


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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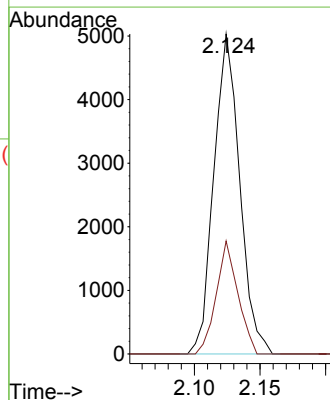
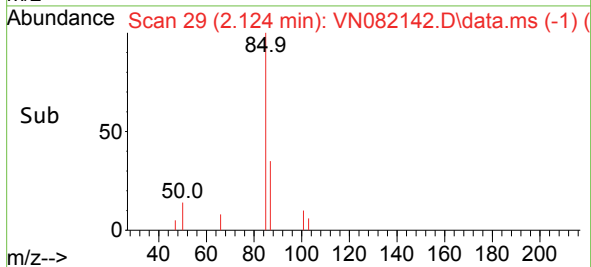
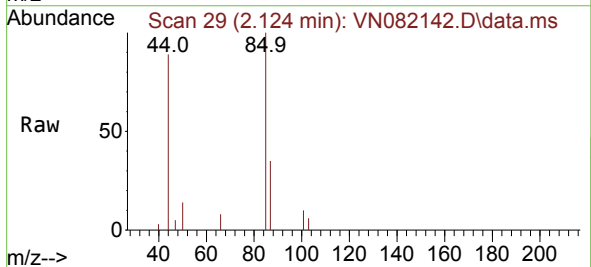


Tgt Ion:168 Resp: 184517
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 2.592 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 85 Resp: 6896
Ion Ratio Lower Upper
85 100
87 35.3 15.8 47.4

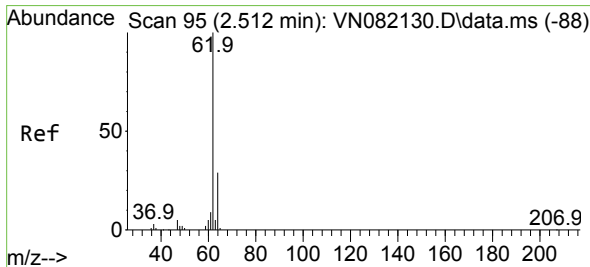
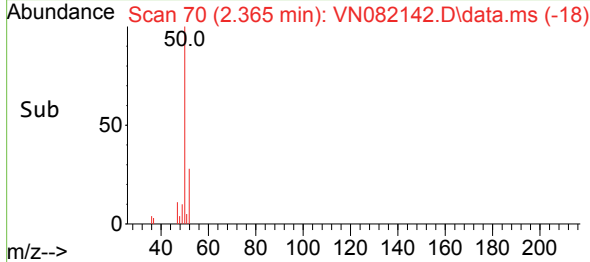
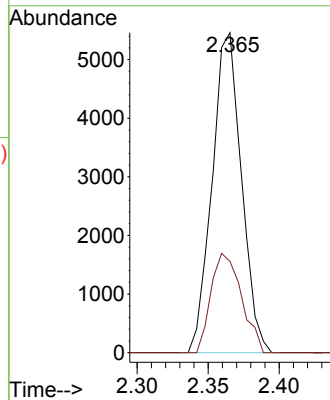
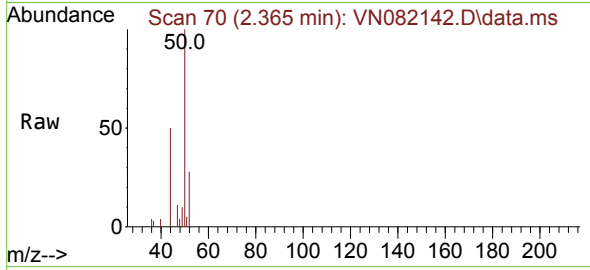




#3
Chloromethane
Concen: 2.600 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082142.D
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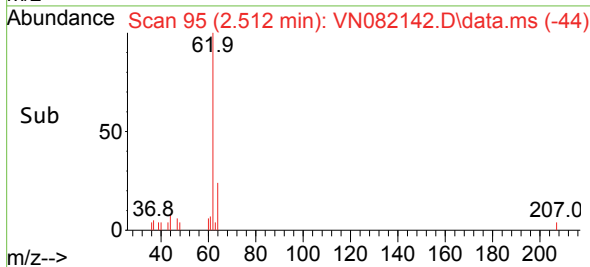
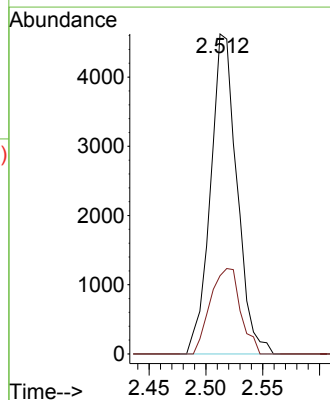
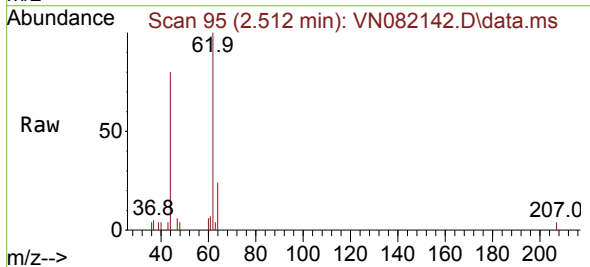
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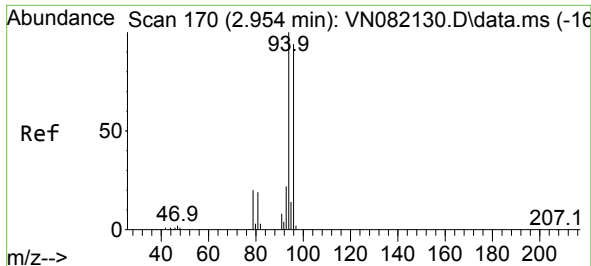
Tgt Ion: 50 Resp: 7838
Ion Ratio Lower Upper
50 100
52 28.5 25.5 38.3



#4
Vinyl Chloride
Concen: 2.638 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 62 Resp: 7477
Ion Ratio Lower Upper
62 100
64 24.5 24.6 37.0#

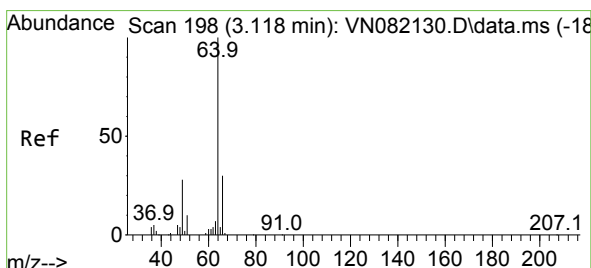
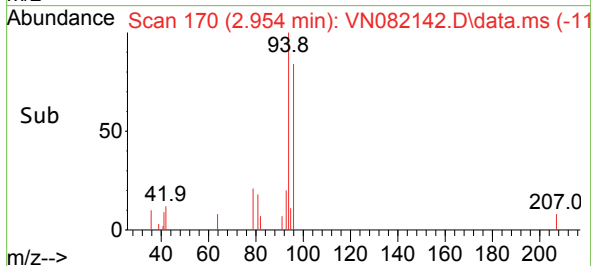
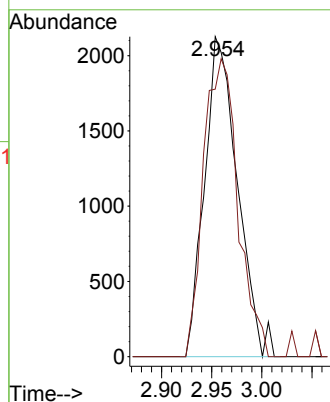
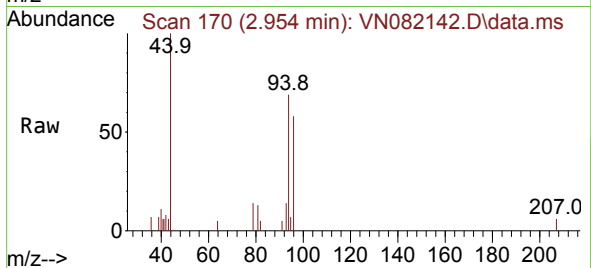




#5
Bromomethane
Concen: 2.976 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082142.D
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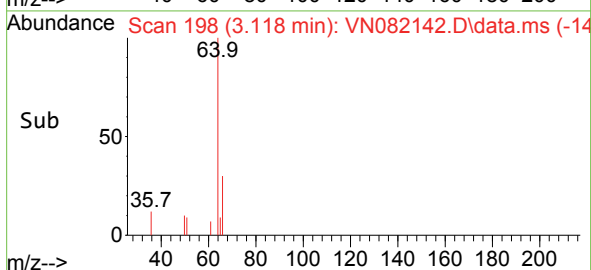
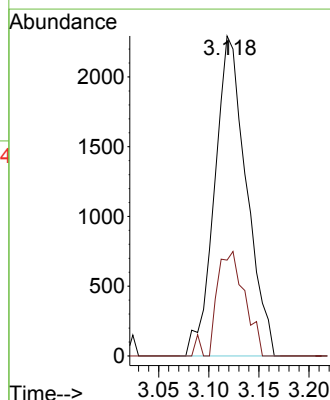
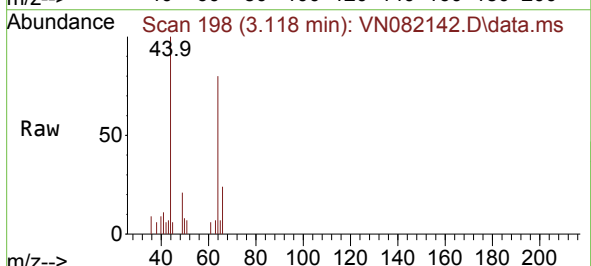
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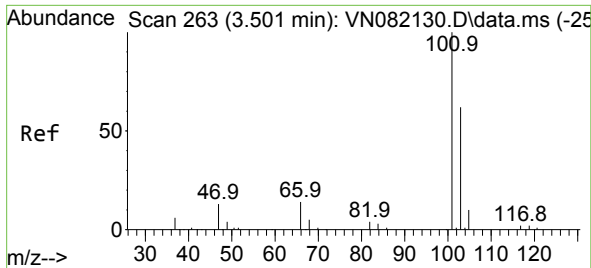
Tgt Ion: 94 Resp: 4848
Ion Ratio Lower Upper
94 100
96 83.6 74.8 112.2



#6
Chloroethane
Concen: 2.730 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 64 Resp: 5052
Ion Ratio Lower Upper
64 100
66 29.9 24.7 37.1

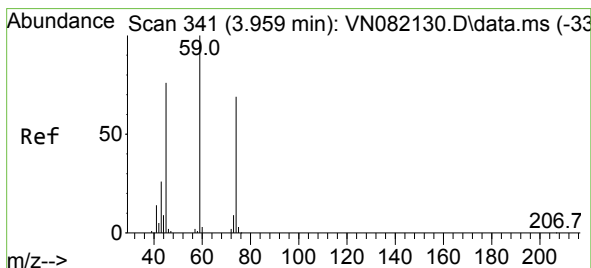
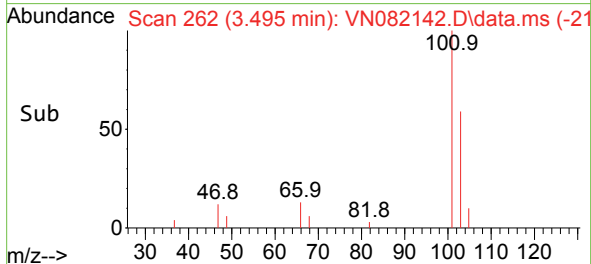
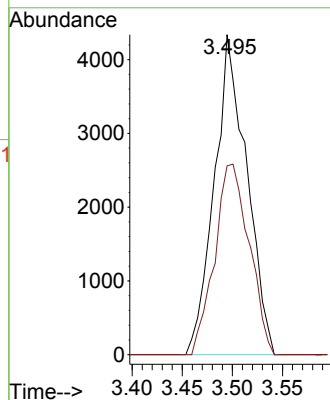
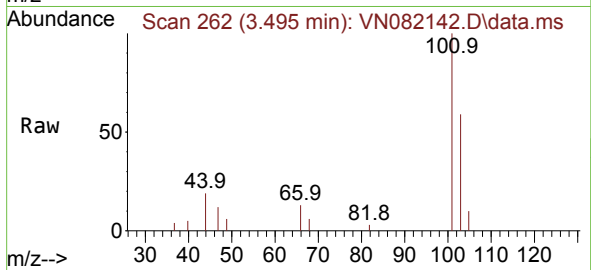




#7
Trichlorofluoromethane
Concen: 2.625 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

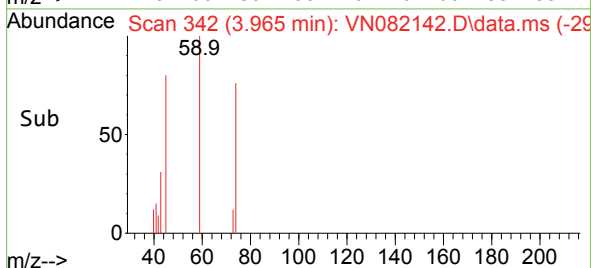
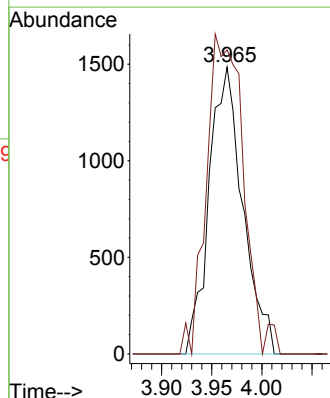
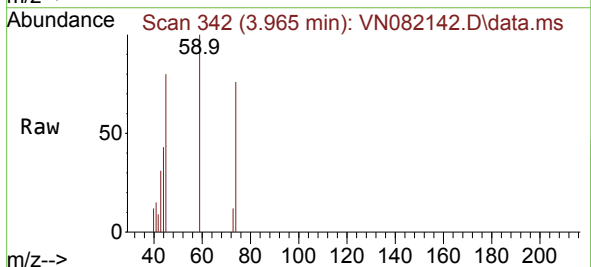
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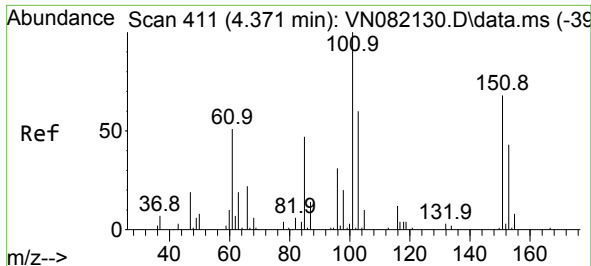
Tgt Ion:101 Resp: 9743
Ion Ratio Lower Upper
101 100
103 59.0 50.6 75.8



#8
Diethyl Ether
Concen: 2.621 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082142.D
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Tgt Ion: 74 Resp: 3466
Ion Ratio Lower Upper
74 100
45 122.2 42.4 127.3

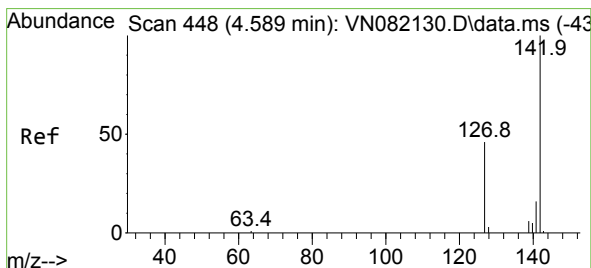
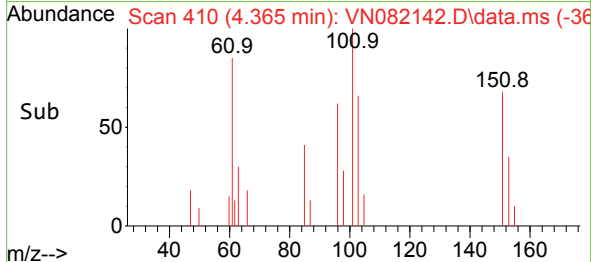
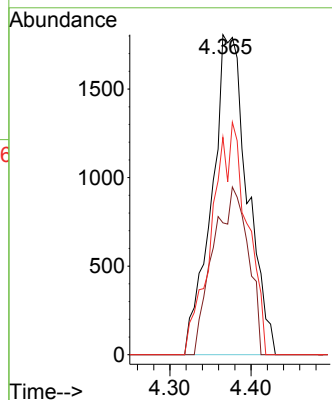
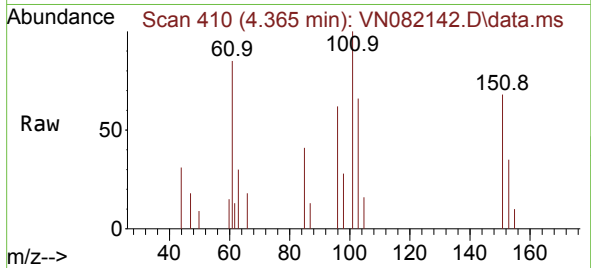




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.549 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

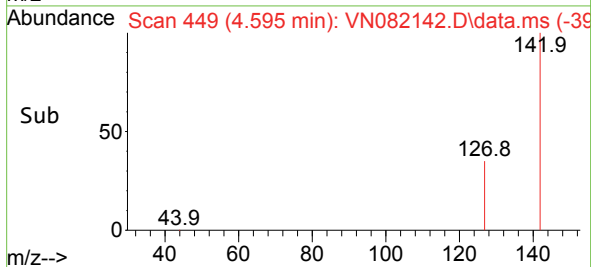
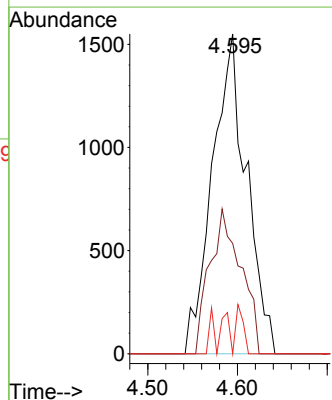
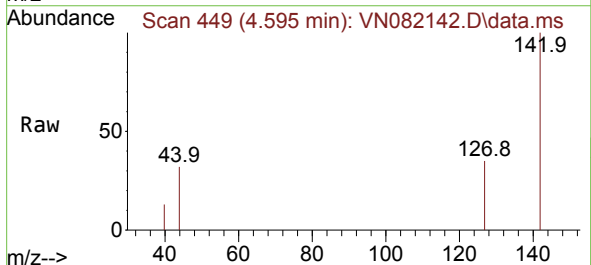
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	101	Resp:	5526
Ion	Ratio	Lower	Upper
101	100		
85	51.2	37.3	55.9
151	72.0	59.2	88.8



#10
Methyl Iodide
Concen: 1.880 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:	142	Resp:	4097
Ion	Ratio	Lower	Upper
142	100		
127	34.5	35.8	53.6#
141	0.0	11.4	17.2#





#11

Tert butyl alcohol

Concen: 13.096 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN082142.D

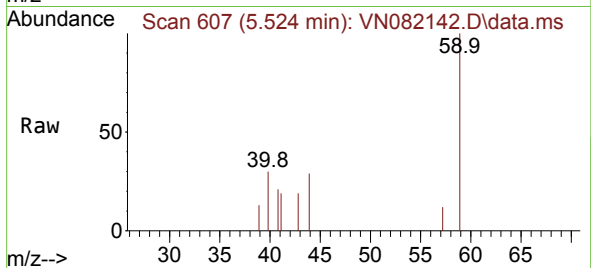
Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

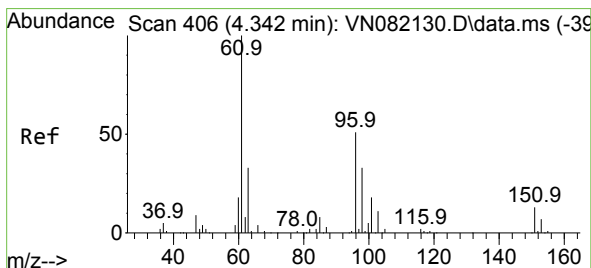
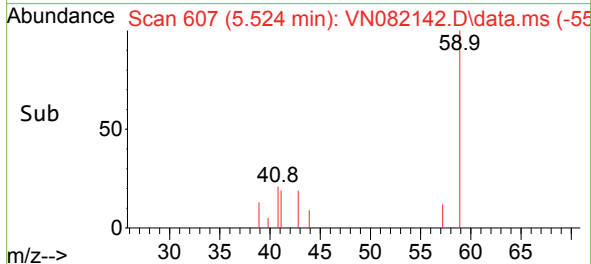
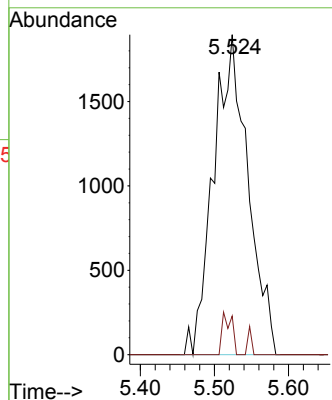


Tgt Ion: 59 Resp: 6125

Ion Ratio Lower Upper

59 100

57 3.7 8.9 13.3#



#12

1,1-Dichloroethene

Concen: 2.643 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

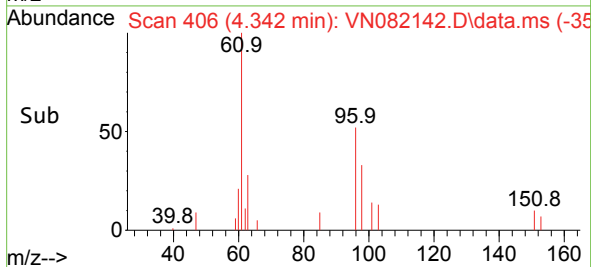
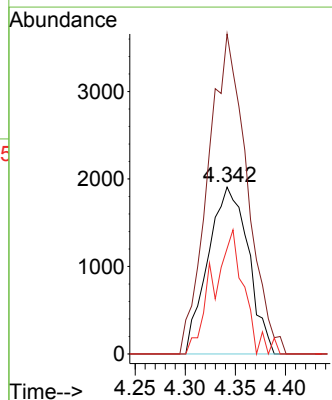
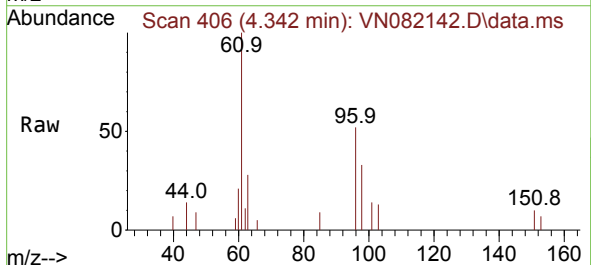
Tgt Ion: 96 Resp: 5327

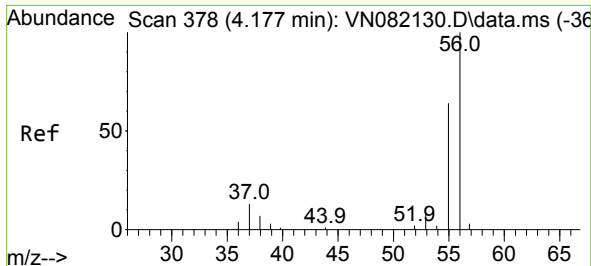
Ion Ratio Lower Upper

96 100

61 191.7 119.7 179.5#

98 63.2 49.6 74.4





#13

Acrolein

Concen: 9.637 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

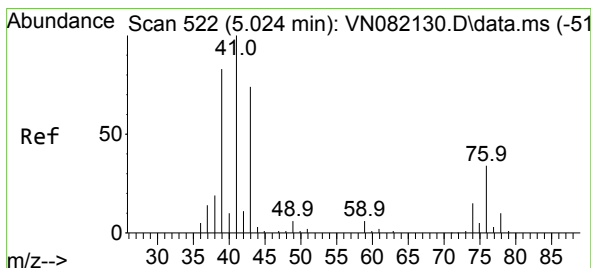
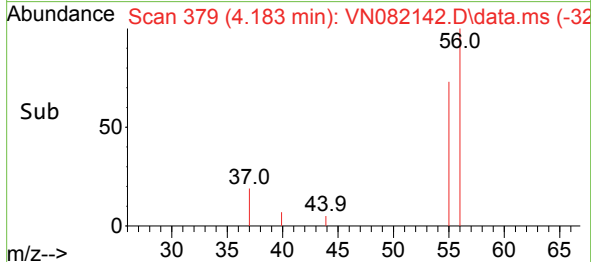
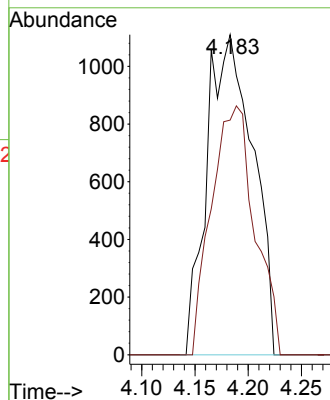
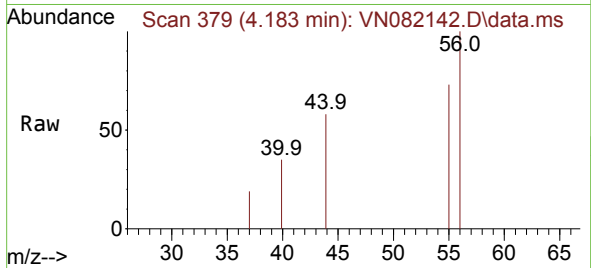
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 56 Resp: 3340

Ion Ratio Lower Upper

56 100

55 73.1 55.8 83.8



#14

Allyl chloride

Concen: 2.530 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

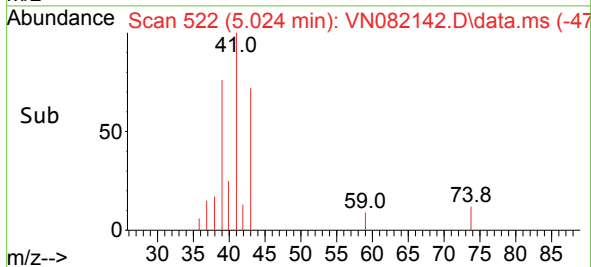
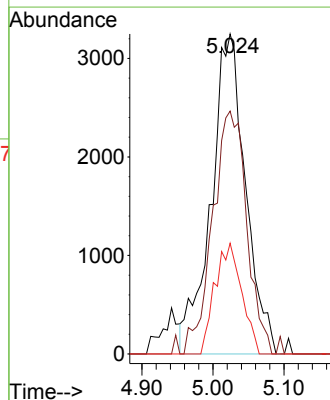
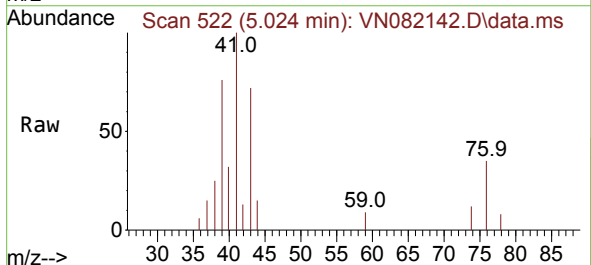
Tgt Ion: 41 Resp: 10916

Ion Ratio Lower Upper

41 100

39 75.2 65.4 98.0

76 26.8 37.3 55.9#

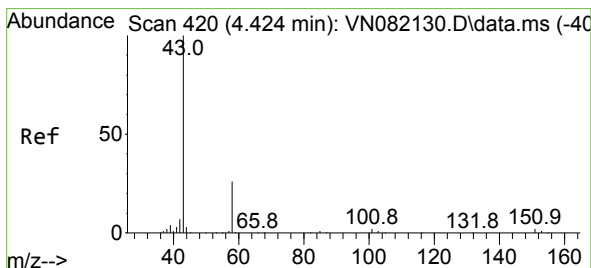
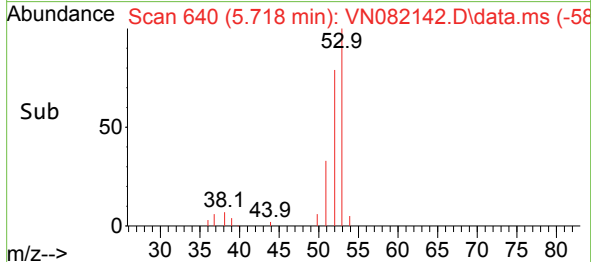
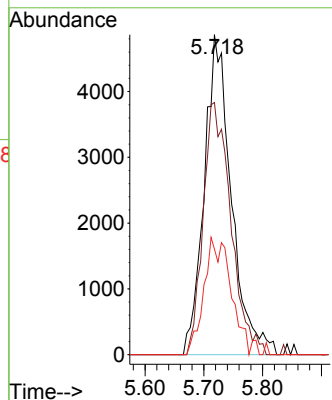
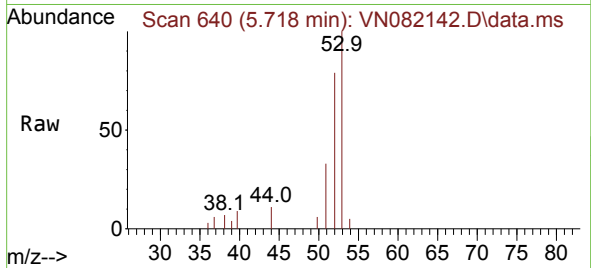




#15
Acrylonitrile
Concen: 12.862 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

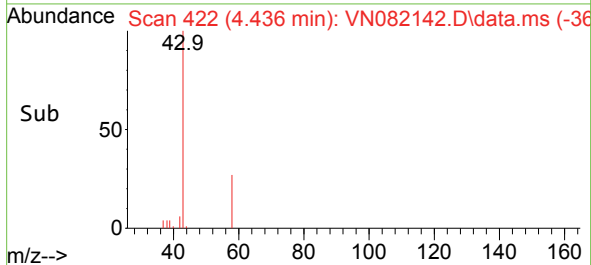
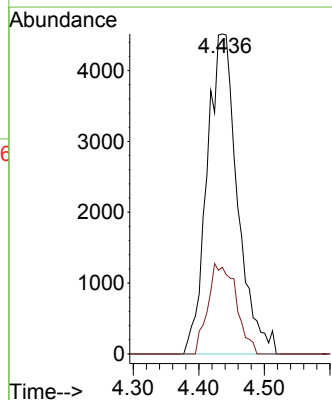
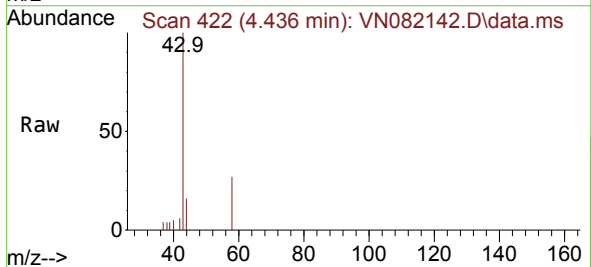
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

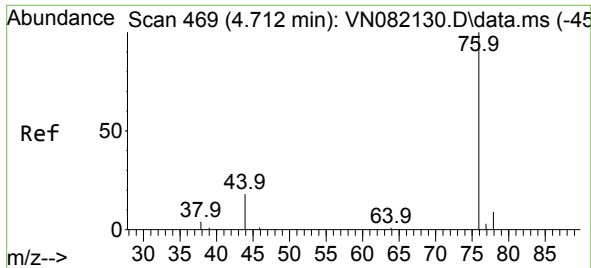
Tgt Ion: 53 Resp: 15579
Ion Ratio Lower Upper
53 100
52 80.3 66.1 99.1
51 19.4 29.4 44.2#



#16
Acetone
Concen: 12.206 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 43 Resp: 14589
Ion Ratio Lower Upper
43 100
58 27.1 25.2 37.8

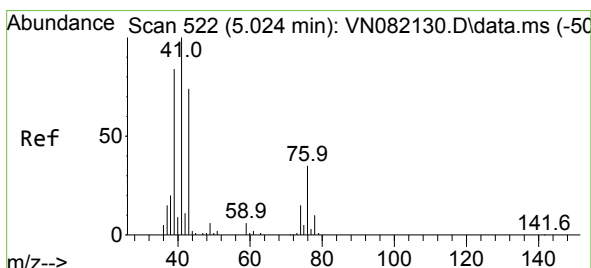
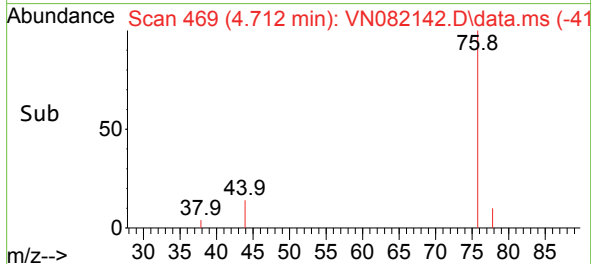
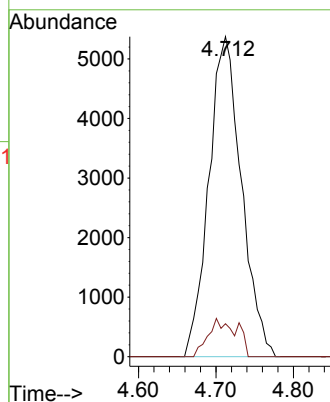
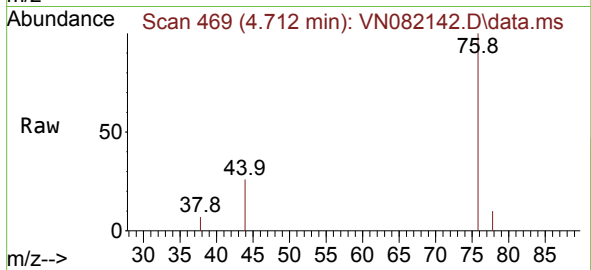




#17
Carbon Disulfide
Concen: 2.414 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

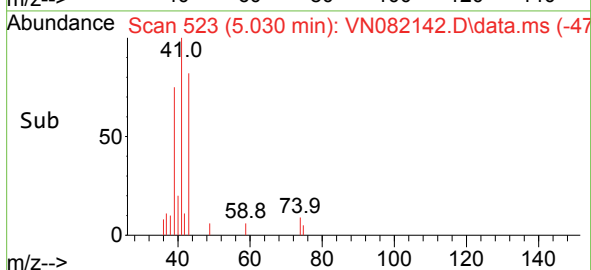
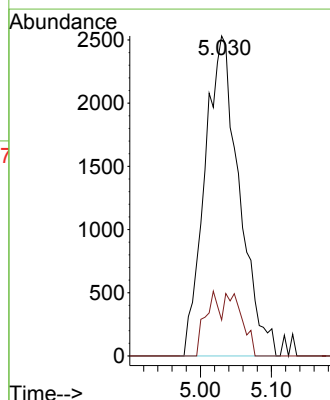
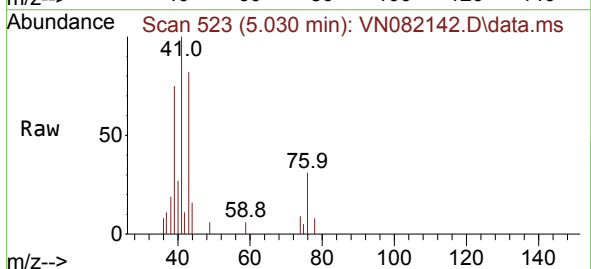
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

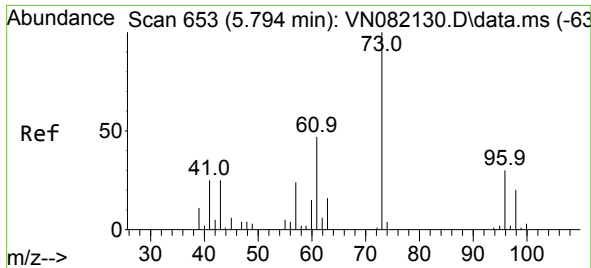
Tgt Ion: 76 Resp: 15714
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



#18
Methyl Acetate
Concen: 2.863 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 43 Resp: 8523
Ion Ratio Lower Upper
43 100
74 10.2 22.2 33.2#

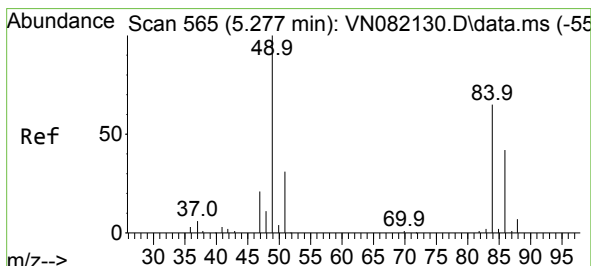
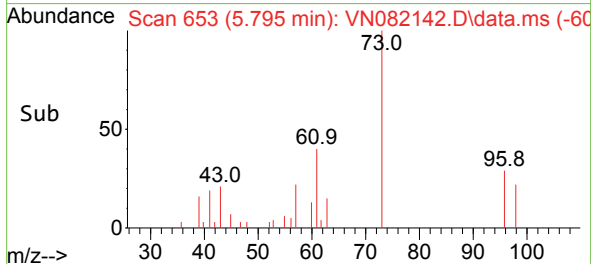
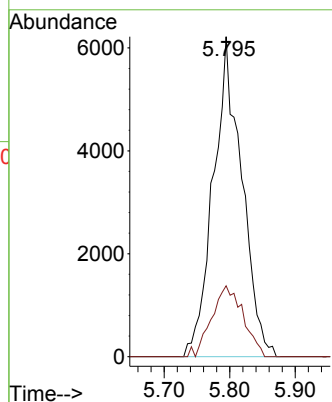
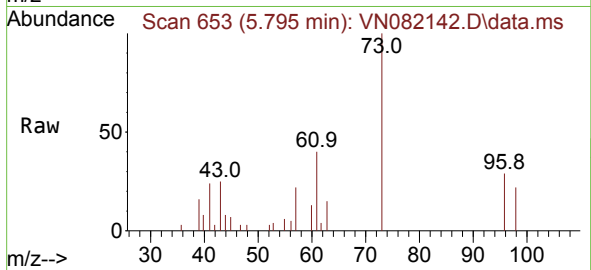




#19
Methyl tert-butyl Ether
Concen: 2.546 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

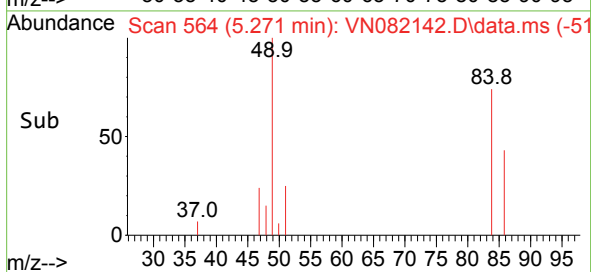
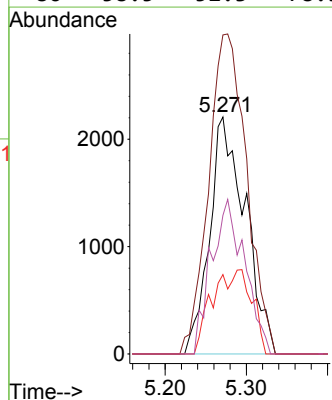
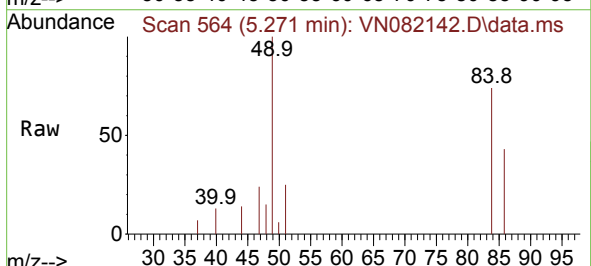
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

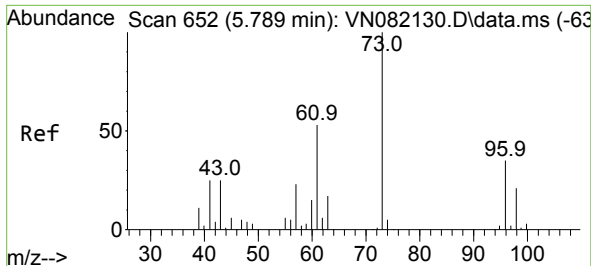
Tgt Ion: 73 Resp: 18756
Ion Ratio Lower Upper
73 100
57 22.2 16.5 24.7



#20
Methylene Chloride
Concen: 2.794 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 84 Resp: 6737
Ion Ratio Lower Upper
84 100
49 134.7 84.9 127.3#
51 33.5 27.0 40.6
86 58.5 52.3 78.5

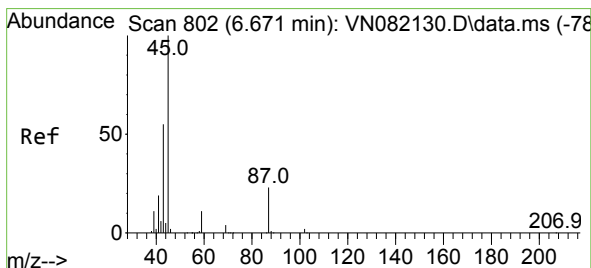
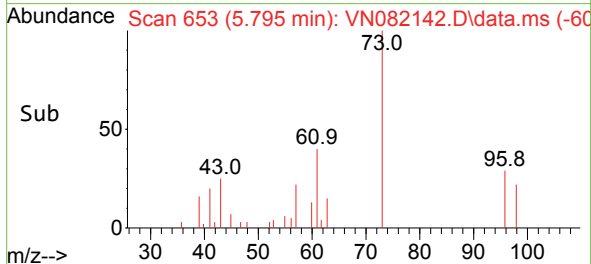
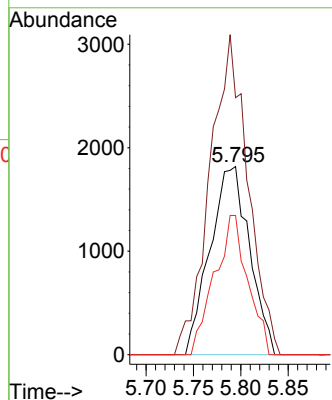
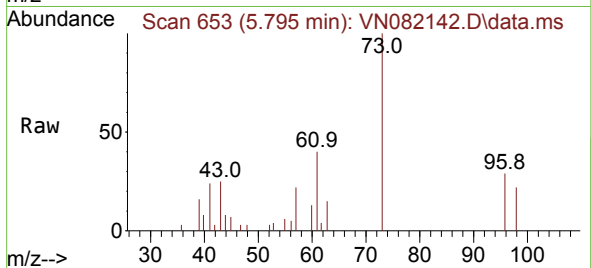




#21
trans-1,2-Dichloroethene
Concen: 2.408 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

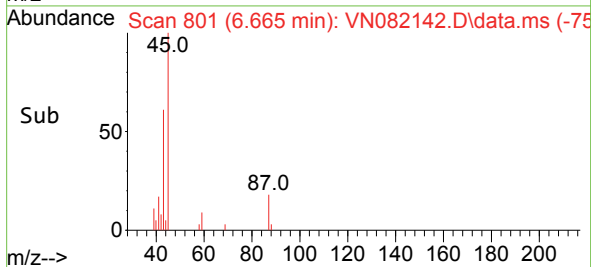
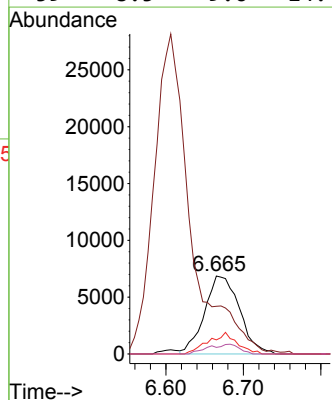
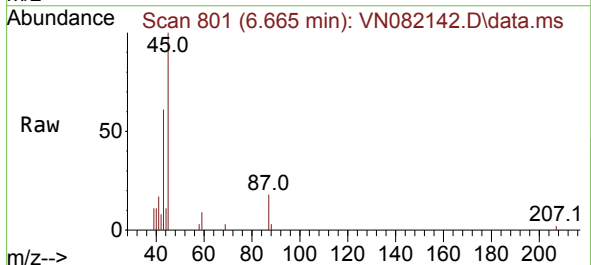
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 96 Resp: 5287
Ion Ratio Lower Upper
96 100
61 136.6 96.5 144.7
98 74.0 51.3 76.9



#22
Diisopropyl ether
Concen: 2.382 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 45 Resp: 21457
Ion Ratio Lower Upper
45 100
43 58.8 44.1 66.1
87 18.0 27.0 40.6#
59 8.5 9.6 14.4#

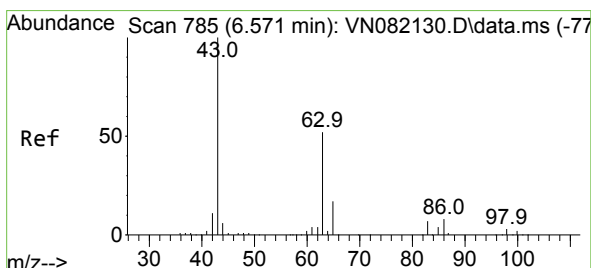
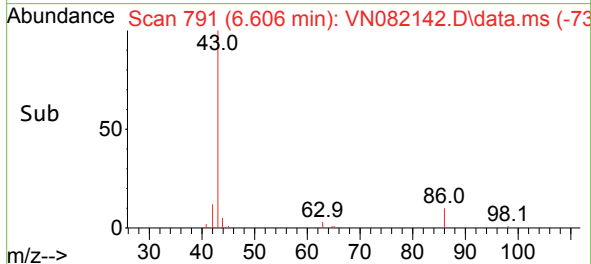
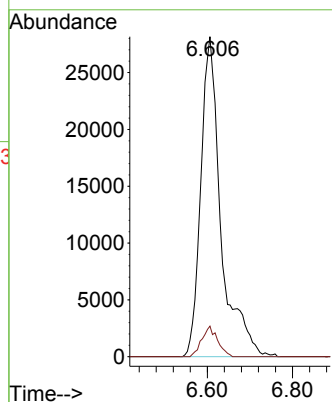
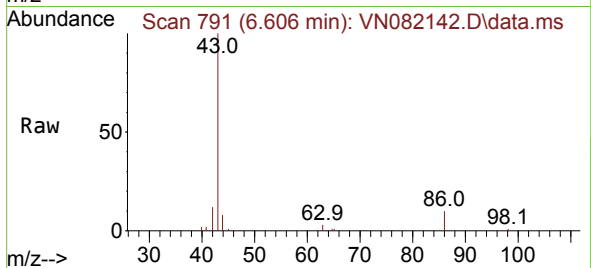




#23
 Vinyl Acetate
 Concen: 13.036 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082142.D
 Acq: 15 May 2024 19:38

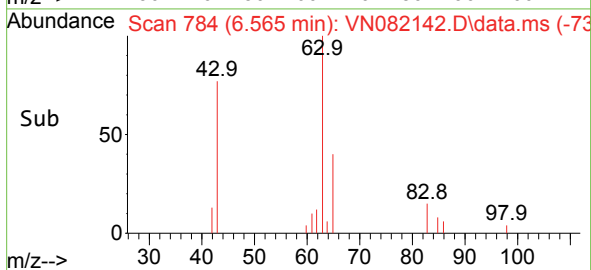
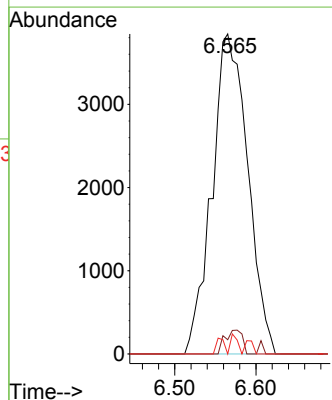
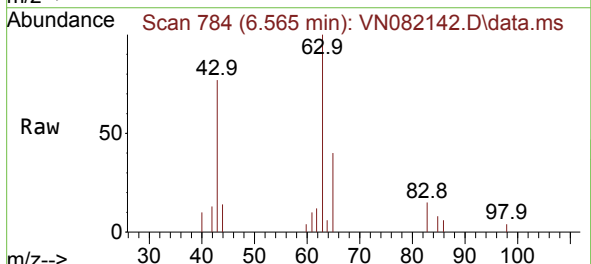
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

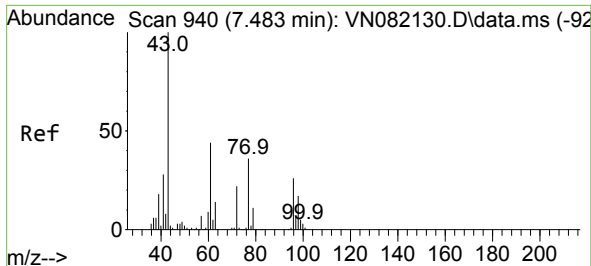
Tgt Ion: 43 Resp: 92598
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 2.536 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082142.D
 Acq: 15 May 2024 19:38

Tgt Ion: 63 Resp: 11777
 Ion Ratio Lower Upper
 63 100
 98 4.4 3.6 10.9
 100 0.0 2.6 7.8#

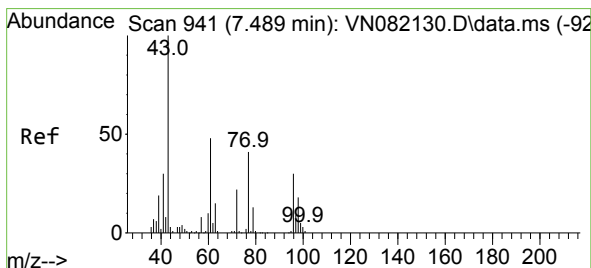
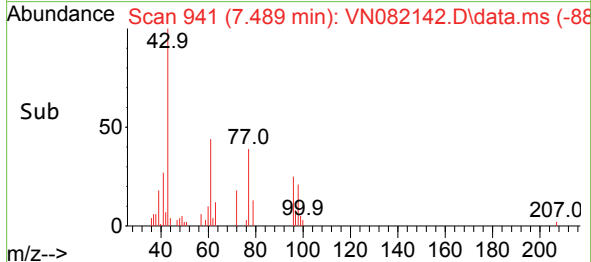
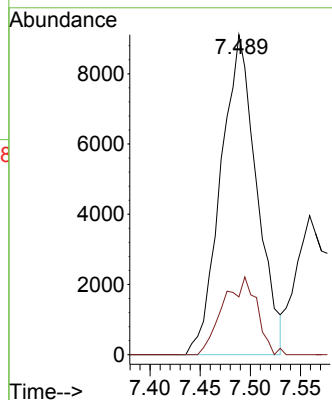
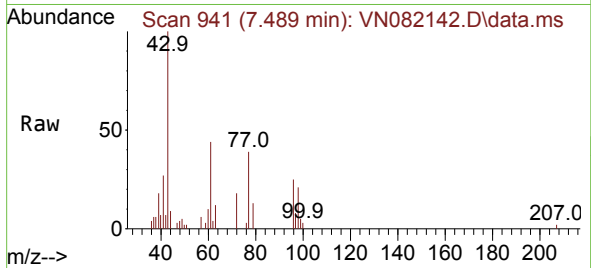




#25
2-Butanone
Concen: 12.528 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

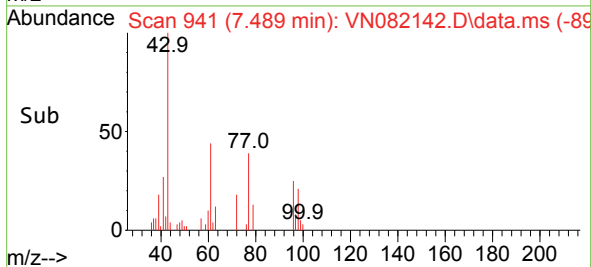
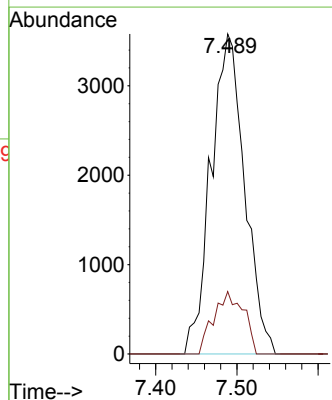
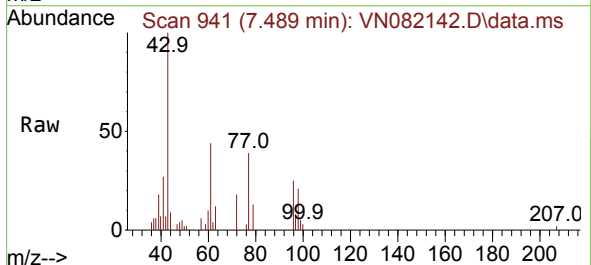
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 22702
Ion Ratio Lower Upper
43 100
72 18.1 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 2.650 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 77 Resp: 10308
Ion Ratio Lower Upper
77 100
97 17.2 11.3 33.9

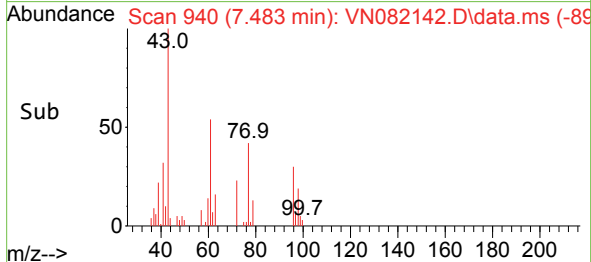
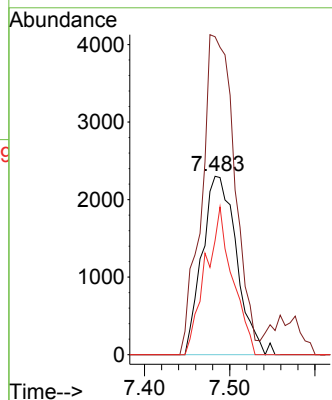
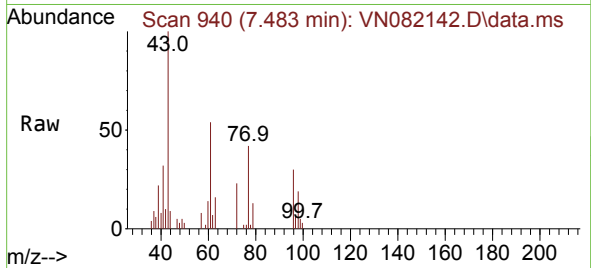




#27
 cis-1,2-Dichloroethene
 Concen: 2.490 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082142.D
 Acq: 15 May 2024 19:38

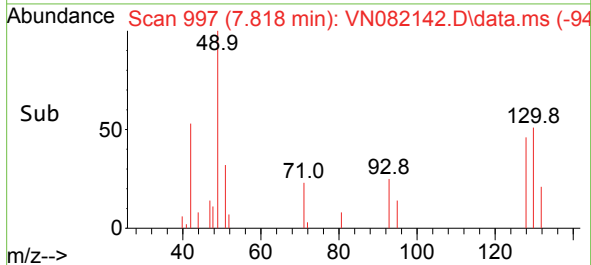
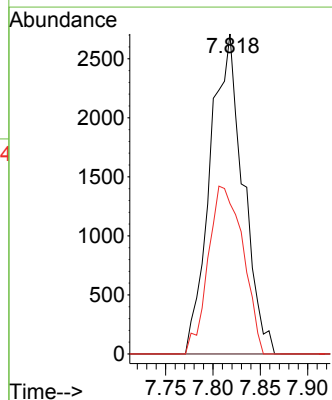
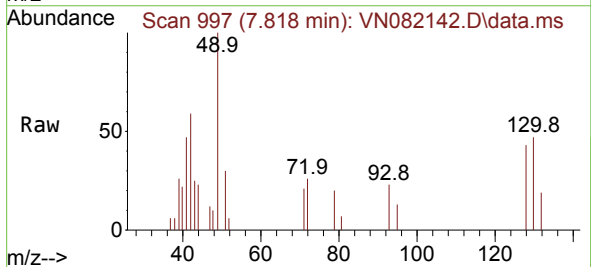
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

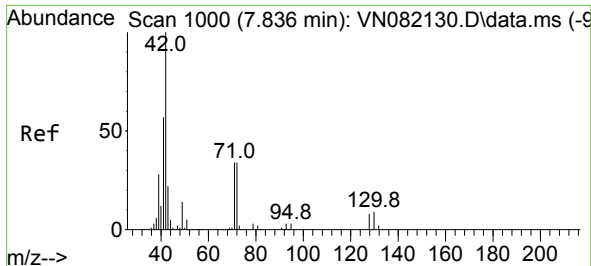
Tgt Ion: 96 Resp: 6453
 Ion Ratio Lower Upper
 96 100
 61 173.9 0.0 268.0
 98 65.3 0.0 126.8



#28
 Bromochloromethane
 Concen: 3.037 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082142.D
 Acq: 15 May 2024 19:38

Tgt Ion: 49 Resp: 6571
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 55.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 12.490 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN082142.D

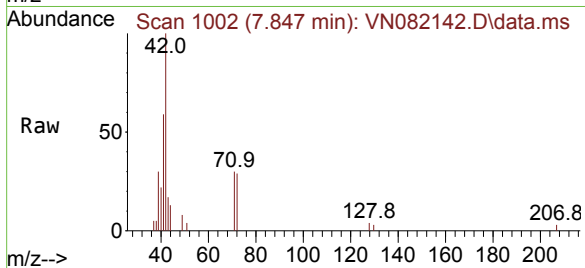
Acq: 15 May 2024 19:38

Instrument :

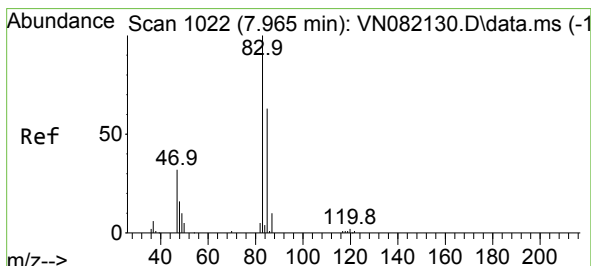
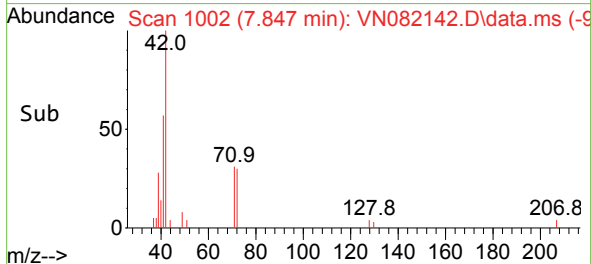
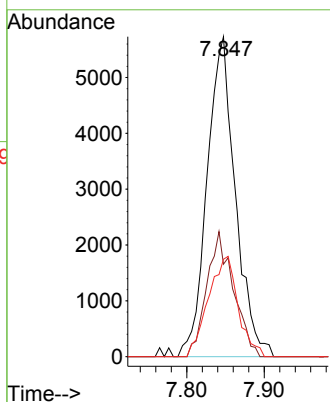
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	42	Resp:	14532
Ion Ratio	Lower	Upper	
42	100		
72	37.0	39.3	58.9#
71	32.9	37.4	56.0#



#30

Chloroform

Concen: 2.525 ug/l

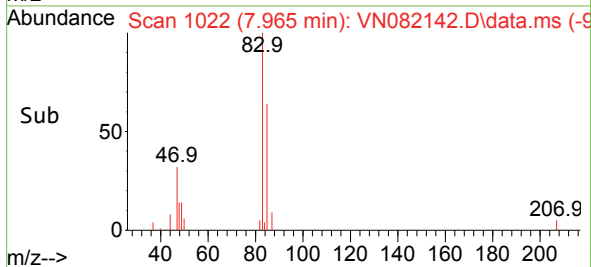
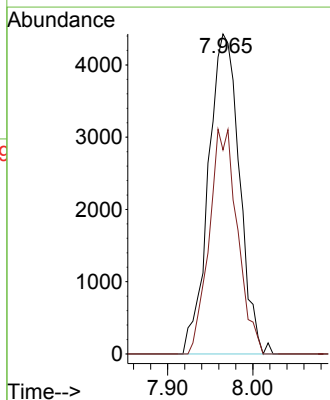
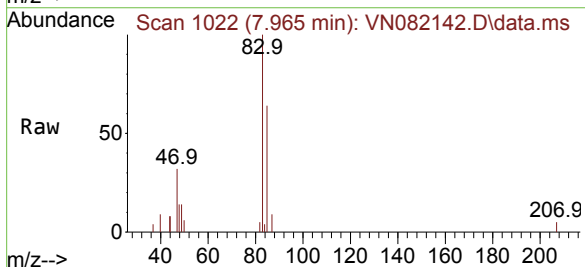
RT: 7.965 min Scan# 1022

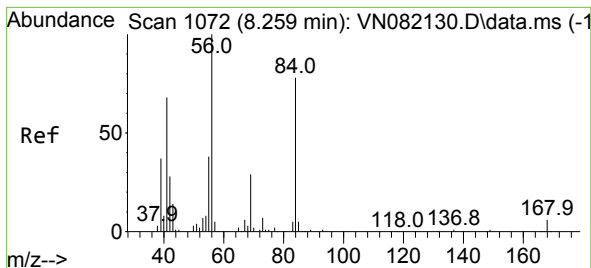
Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Tgt Ion:	83	Resp:	11198
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.7	76.1





#31

Cyclohexane

Concen: 3.331 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082142.D

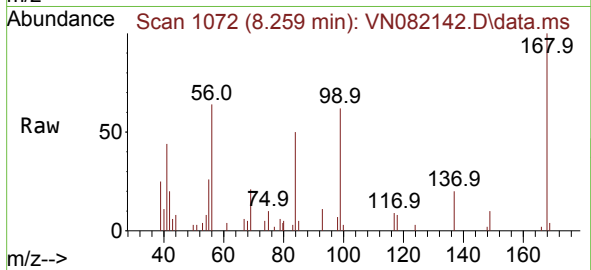
Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



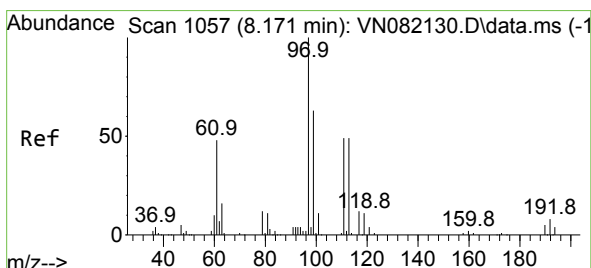
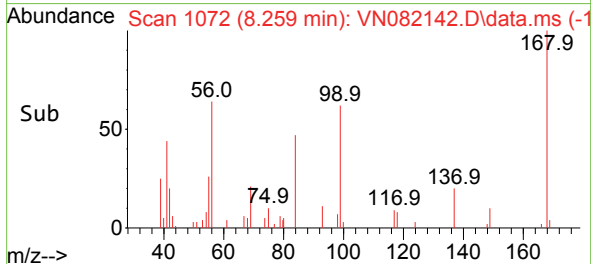
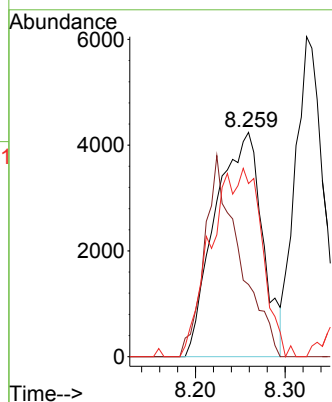
Tgt Ion: 56 Resp: 15499

Ion Ratio Lower Upper

56 100

69 32.1 24.4 36.6

84 77.1 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 2.592 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

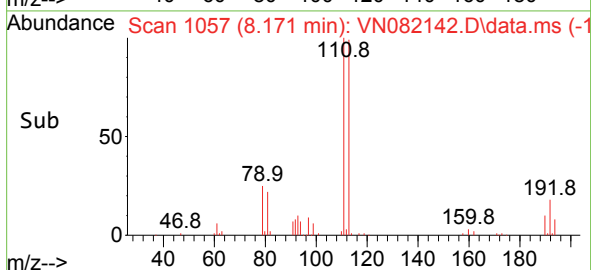
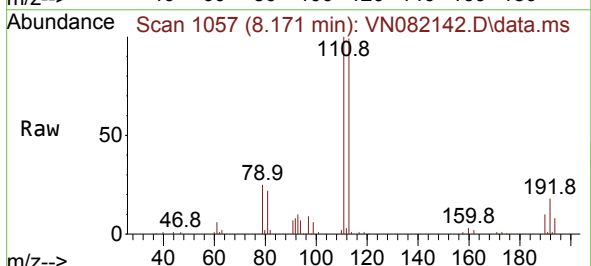
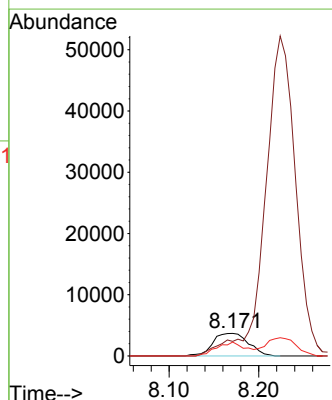
Tgt Ion: 97 Resp: 10198

Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 49.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.988 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

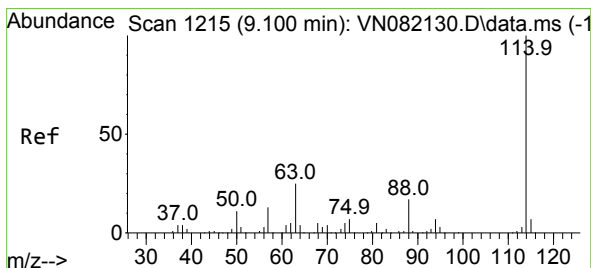
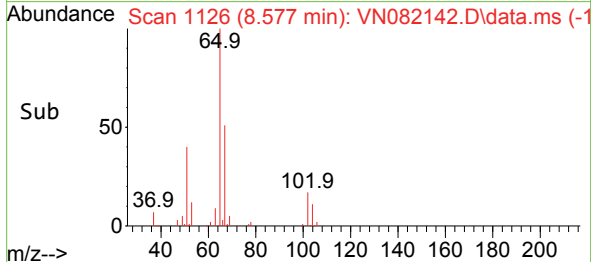
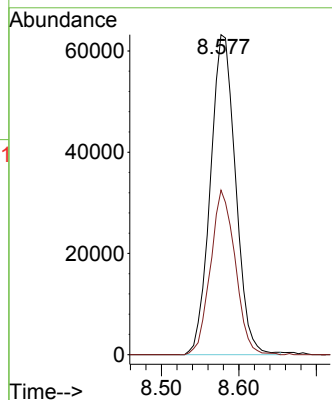
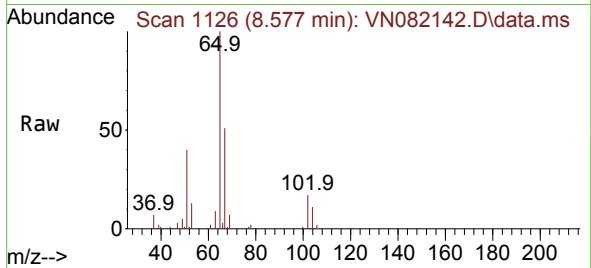
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 142731

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082142.D

Acq: 15 May 2024 19:38

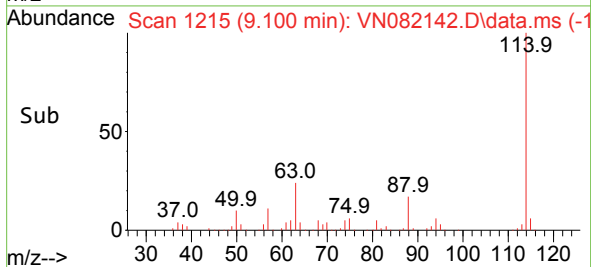
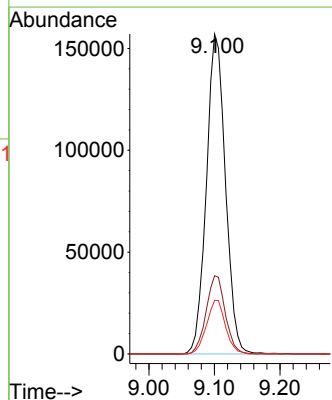
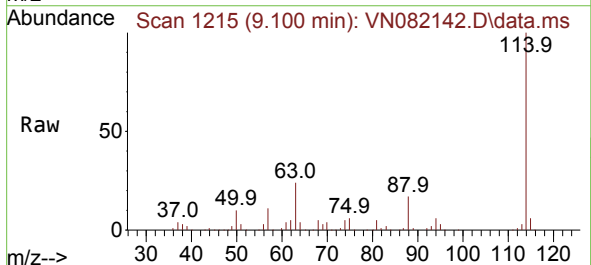
Tgt Ion: 114 Resp: 317641

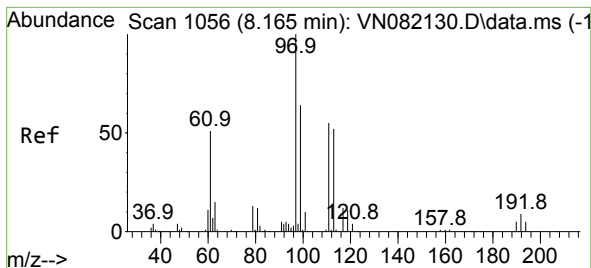
Ion Ratio Lower Upper

114 100

63 24.5 0.0 41.0

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.273 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

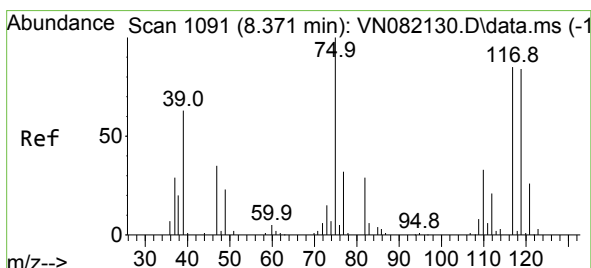
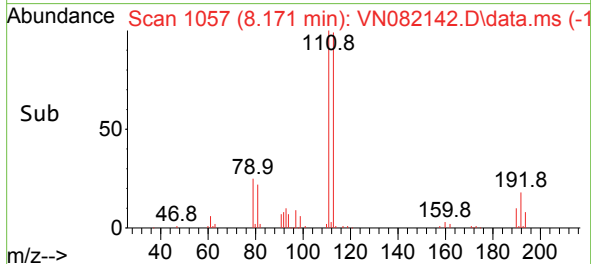
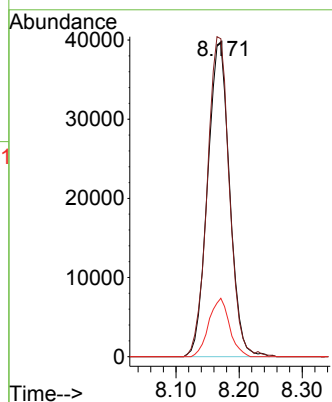
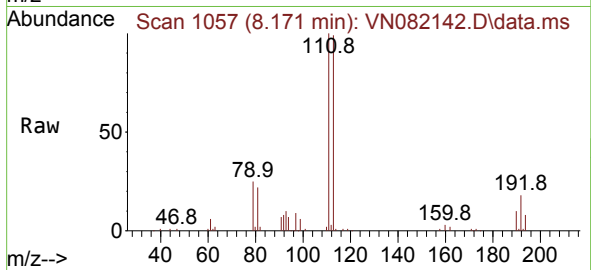
Tgt Ion:113 Resp: 96279

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 17.4 14.0 21.0



#36

1,1-Dichloropropene

Concen: 2.454 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

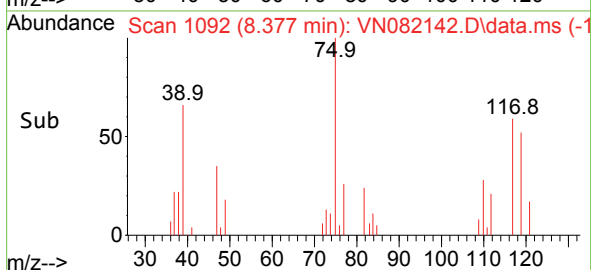
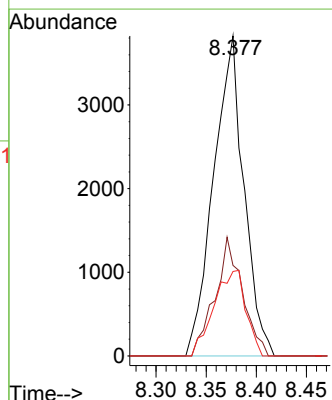
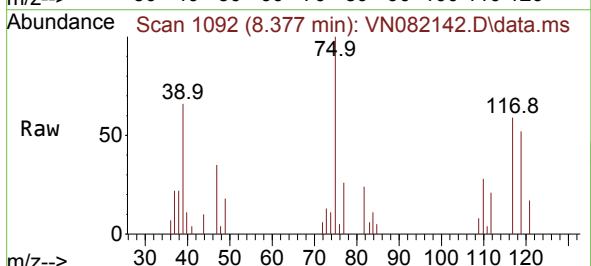
Tgt Ion: 75 Resp: 8042

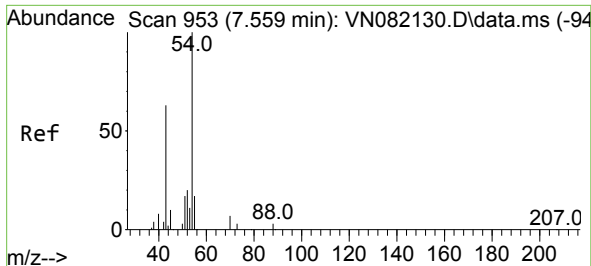
Ion Ratio Lower Upper

75 100

110 33.6 17.8 53.5

77 28.2 25.0 37.4

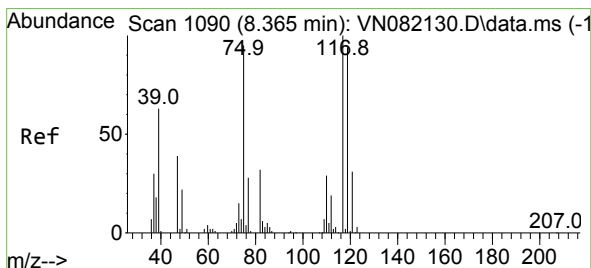
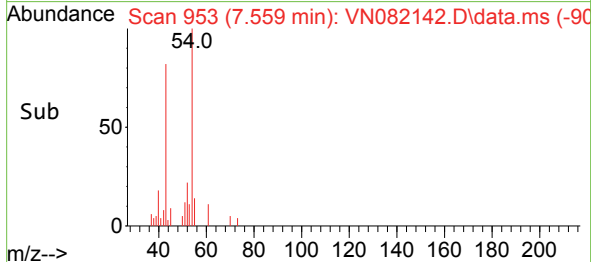
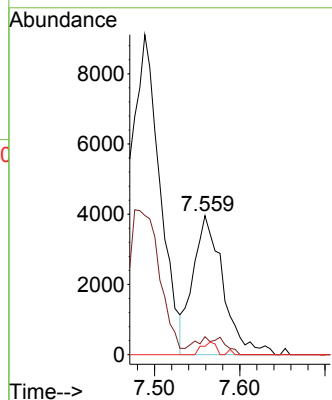
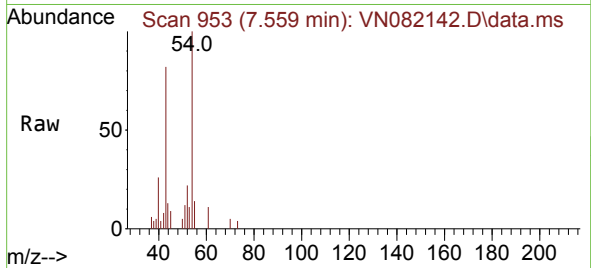




#37
Ethyl Acetate
Concen: 2.660 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

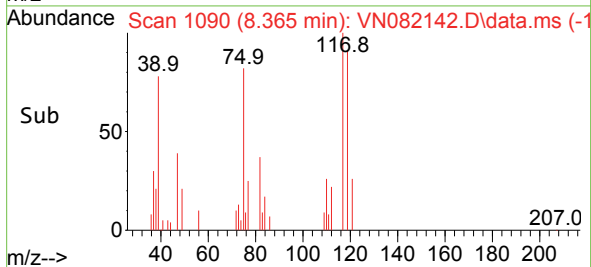
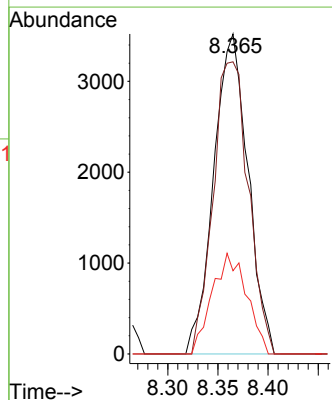
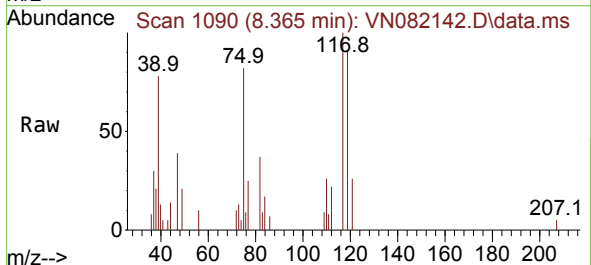
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

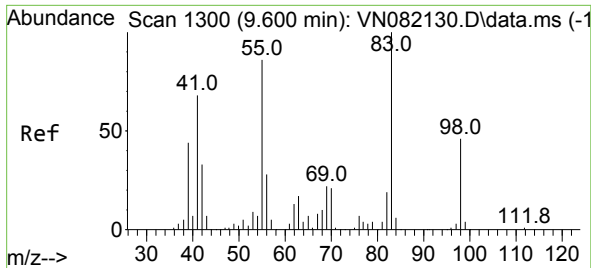
Tgt Ion: 43 Resp: 9756
Ion Ratio Lower Upper
43 100
61 12.2 11.3 16.9
70 4.2 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 2.514 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 117 Resp: 8352
Ion Ratio Lower Upper
117 100
119 91.3 76.5 114.7
121 26.0 23.9 35.9

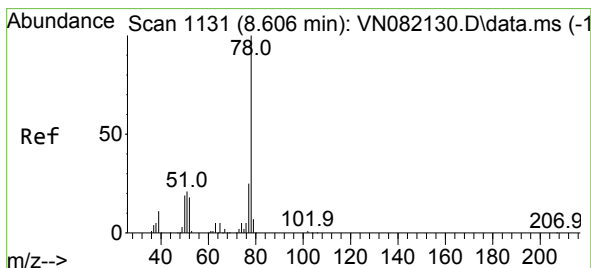
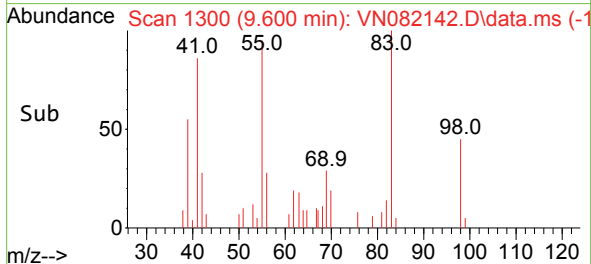
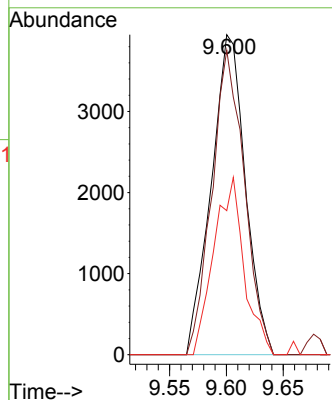
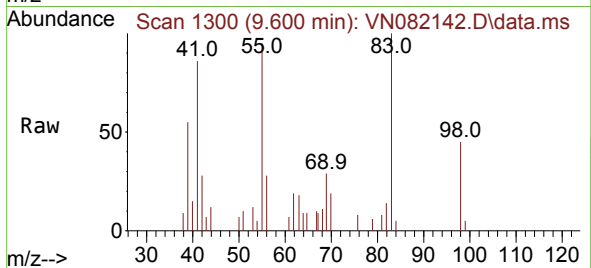




#39
Methylcyclohexane
Concen: 2.291 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

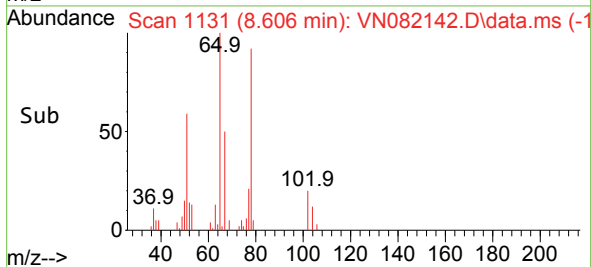
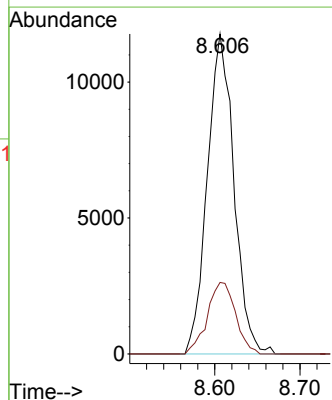
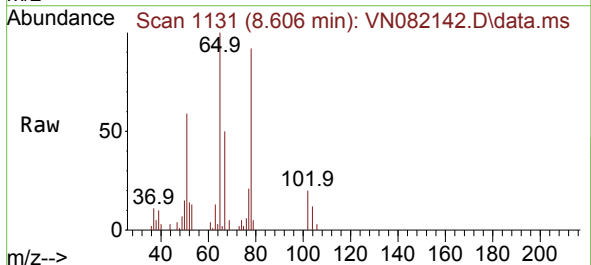
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

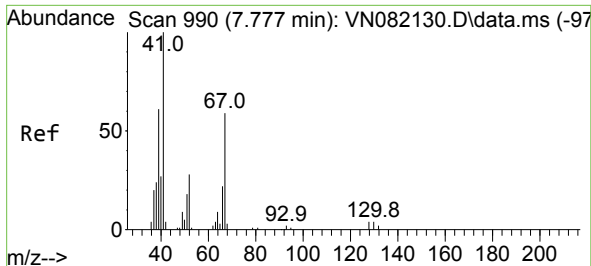
Tgt Ion: 83 Resp: 8228
Ion Ratio Lower Upper
83 100
55 95.1 53.0 79.6#
98 45.0 37.1 55.7



#40
Benzene
Concen: 2.615 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 78 Resp: 25556
Ion Ratio Lower Upper
78 100
77 22.3 20.0 30.0

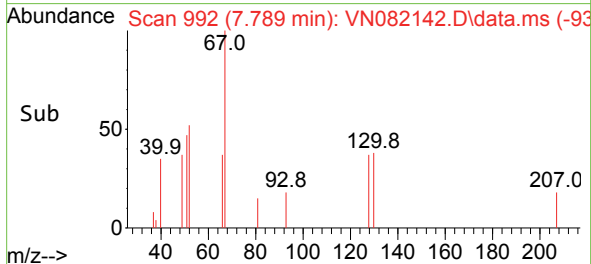
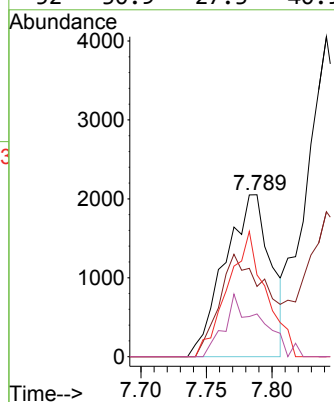
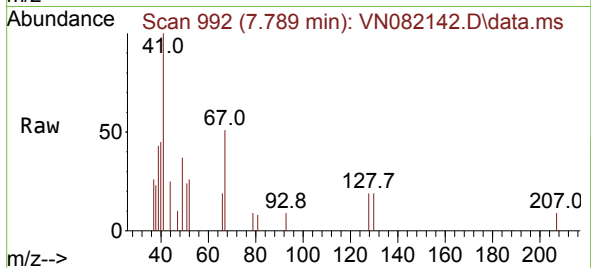




#41
Methacrylonitrile
Concen: 2.319 ug/l
RT: 7.789 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

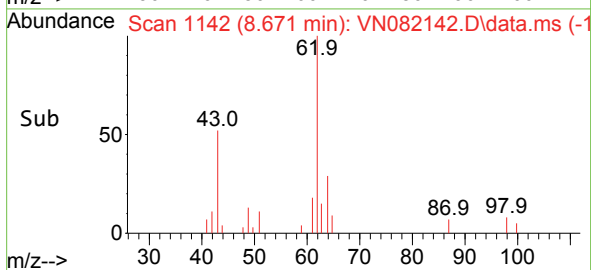
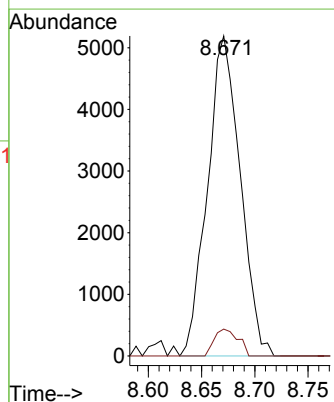
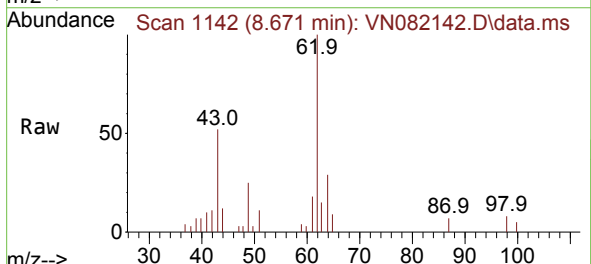
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

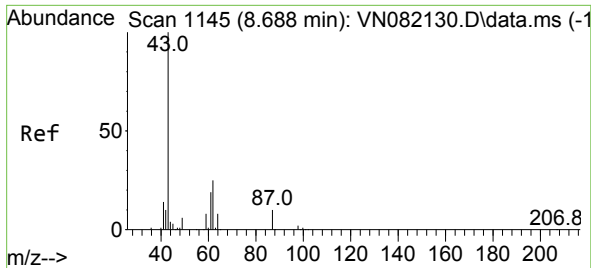
Tgt Ion:	41	Resp:	5002
Ion	Ratio	Lower	Upper
41	100		
39	63.8	46.6	69.8
67	64.2	67.3	100.9
52	30.9	27.3	40.9



#42
1,2-Dichloroethane
Concen: 2.950 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:	62	Resp:	11086
Ion	Ratio	Lower	Upper
62	100		
98	6.1	0.0	19.6

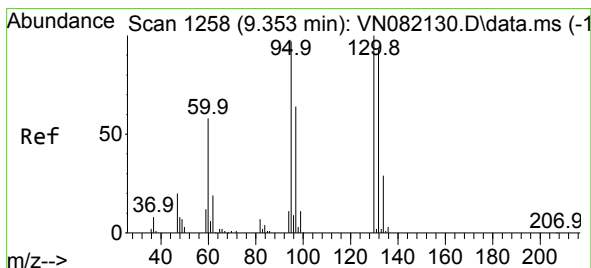
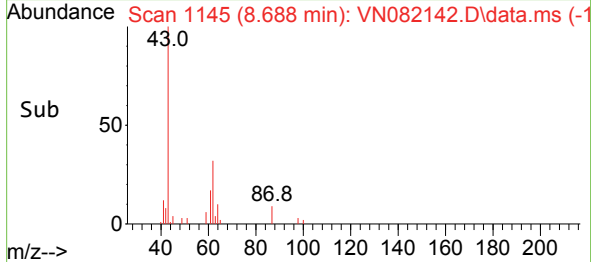
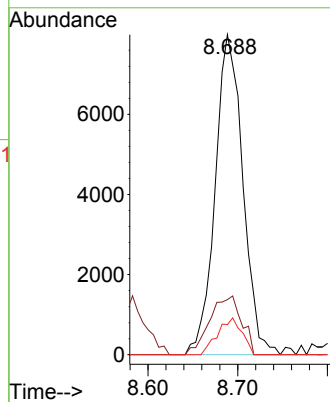
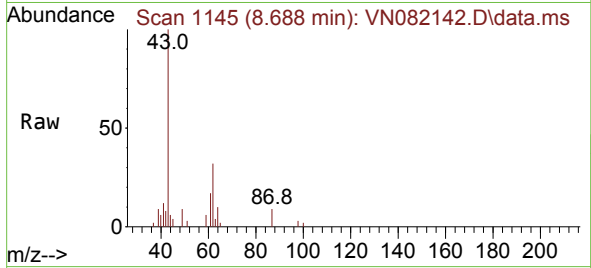




#43
Isopropyl Acetate
Concen: 2.635 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

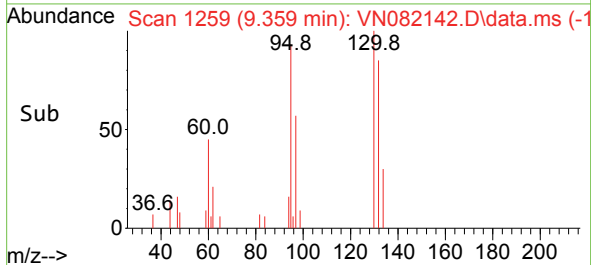
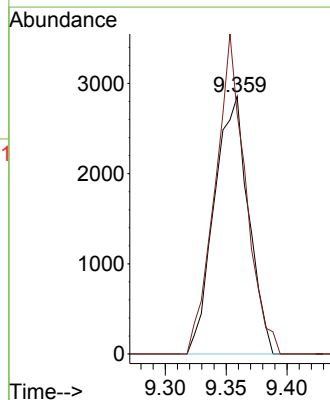
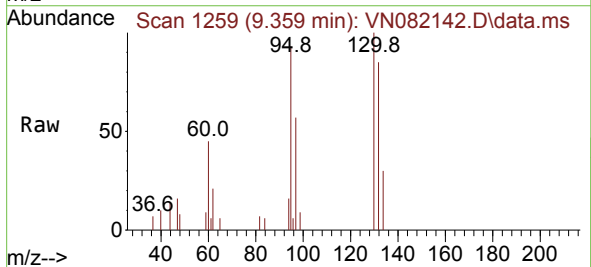
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

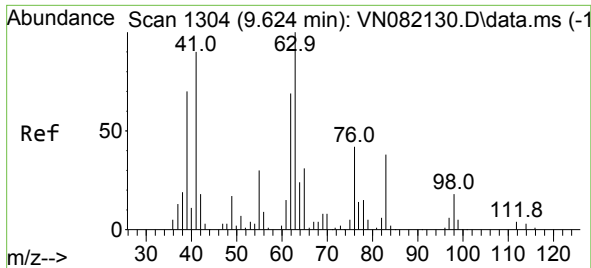
Tgt Ion: 43 Resp: 17125
Ion Ratio Lower Upper
43 100
61 21.1 22.8 34.2#
87 10.1 12.0 18.0#



#44
Trichloroethene
Concen: 2.525 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:130 Resp: 5606
Ion Ratio Lower Upper
130 100
95 93.2 0.0 195.4

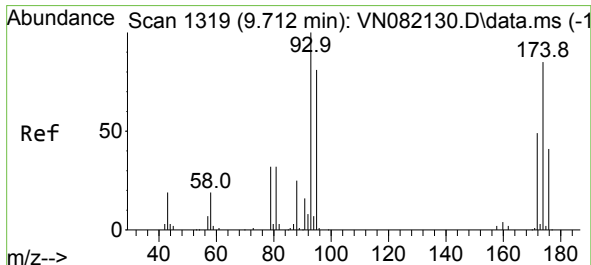
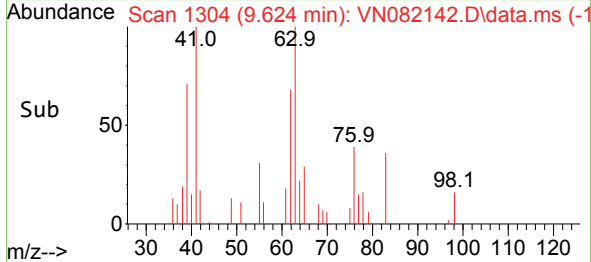
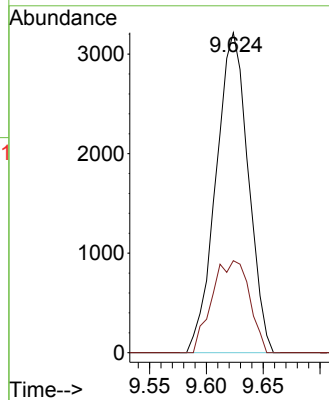
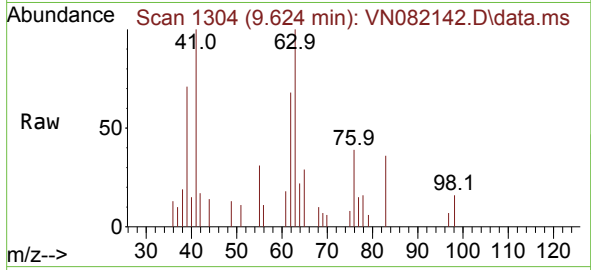




#45
1,2-Dichloropropane
Concen: 2.516 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

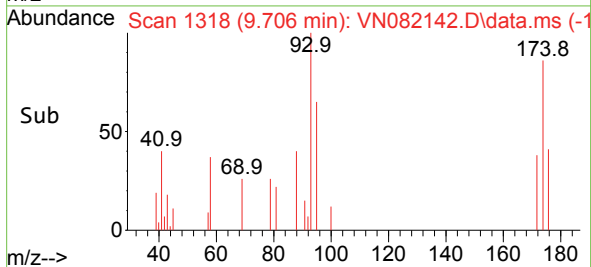
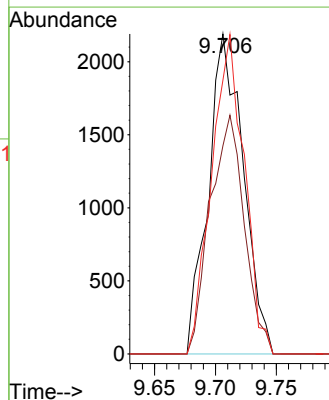
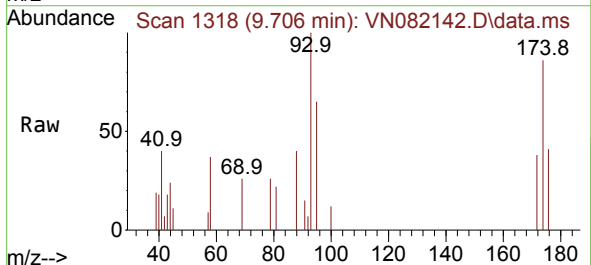
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

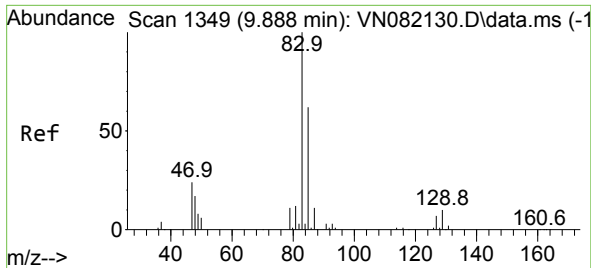
Tgt Ion: 63 Resp: 6344
Ion Ratio Lower Upper
63 100
65 28.7 24.1 36.1



#46
Dibromomethane
Concen: 2.642 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 93 Resp: 4373
Ion Ratio Lower Upper
93 100
95 73.1 64.8 97.2
174 93.3 73.4 110.0

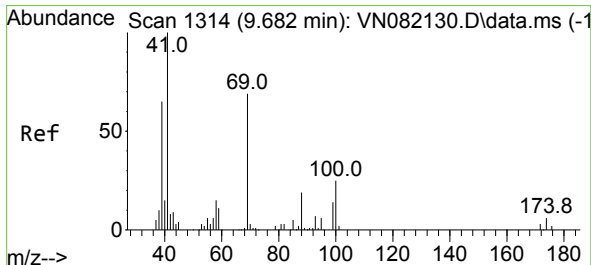
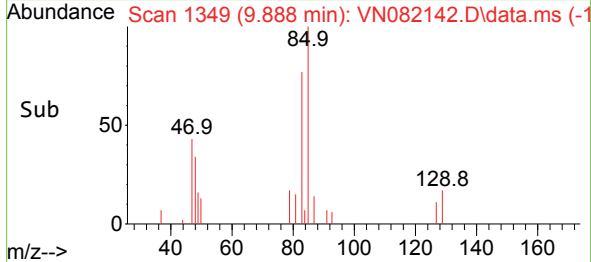
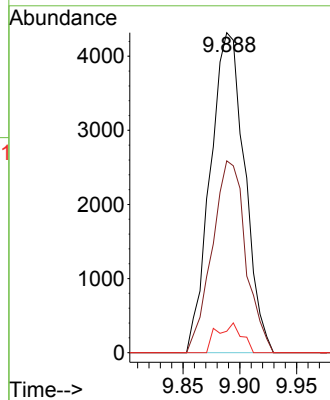
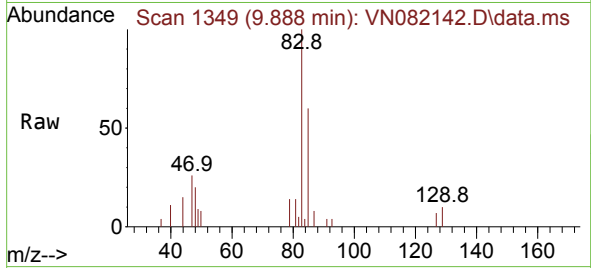




#47
Bromodichloromethane
Concen: 2.600 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

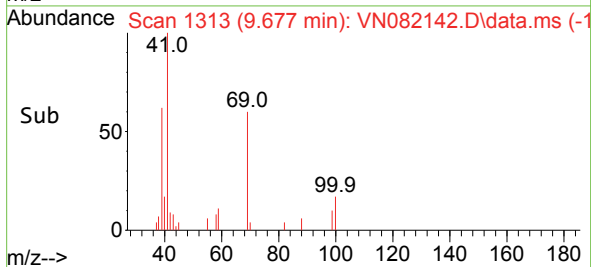
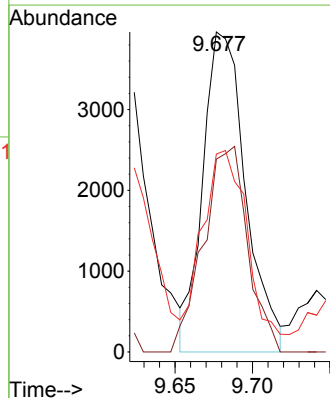
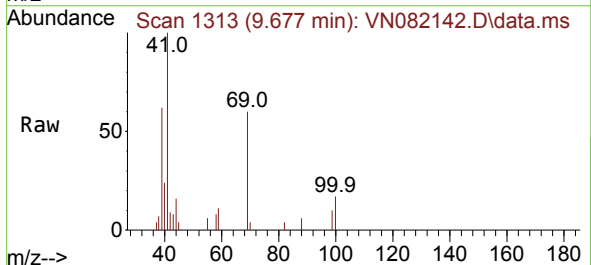
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

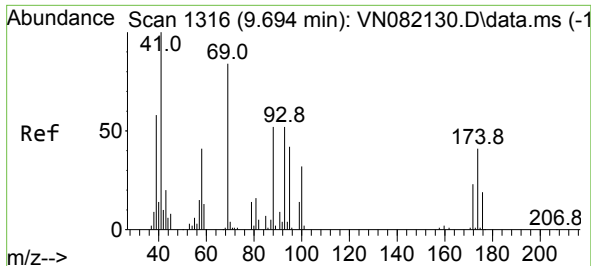
Tgt Ion: 83 Resp: 9085
Ion Ratio Lower Upper
83 100
85 59.9 51.9 77.9
127 6.7 7.5 11.3#



#48
Methyl methacrylate
Concen: 2.453 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 41 Resp: 7595
Ion Ratio Lower Upper
41 100
69 66.3 77.9 116.9#
39 69.0 50.9 76.3





#49

1,4-Dioxane

Concen: 50.448 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082142.D

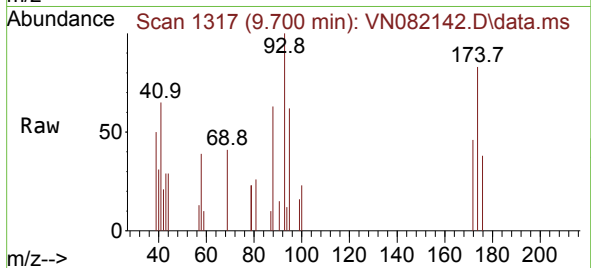
Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



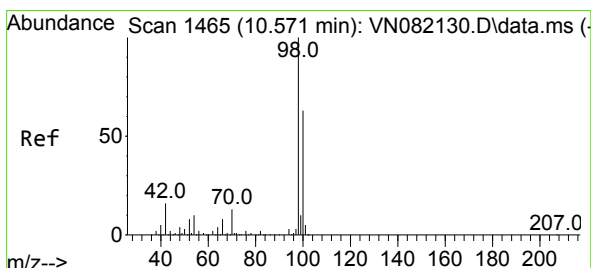
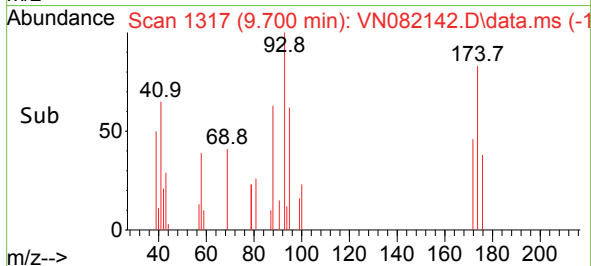
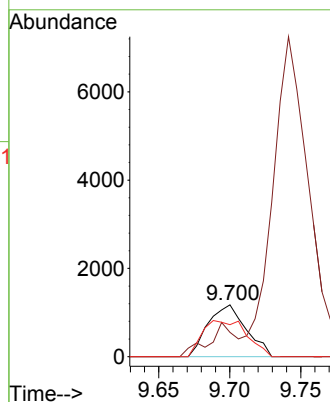
Tgt Ion: 88 Resp: 2189

Ion Ratio Lower Upper

88 100

43 44.8 19.0 28.6#

58 81.4 50.6 76.0#



#50

Toluene-d8

Concen: 48.360 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082142.D

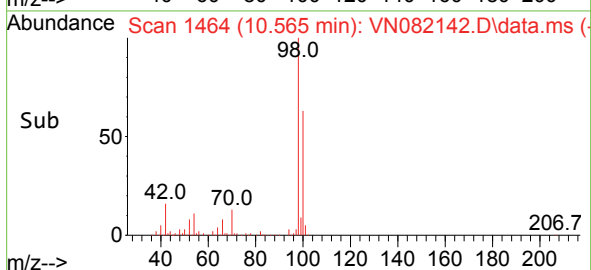
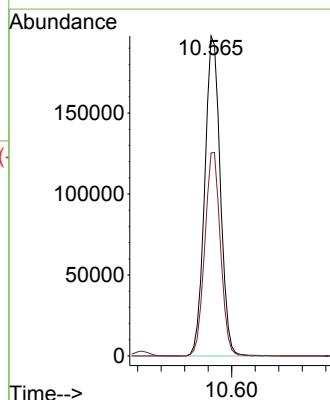
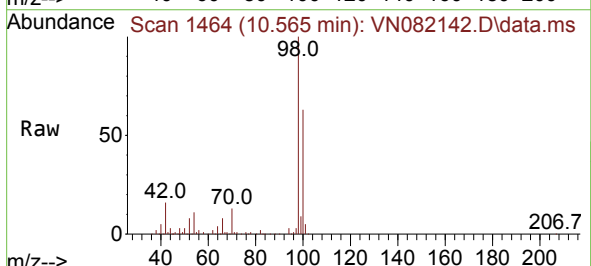
Acq: 15 May 2024 19:38

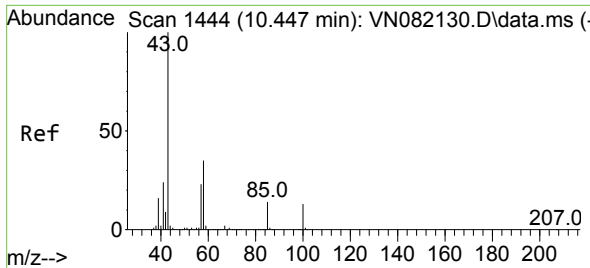
Tgt Ion: 98 Resp: 362284

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6

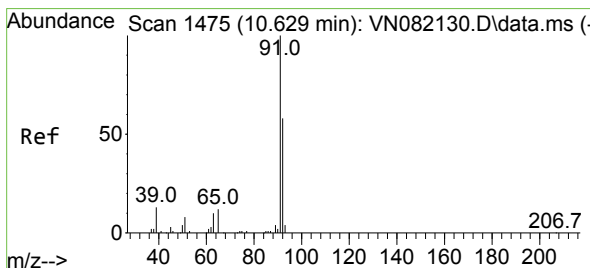
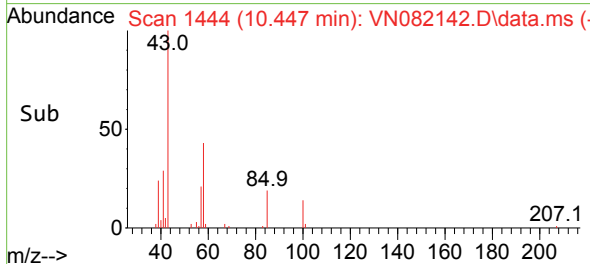
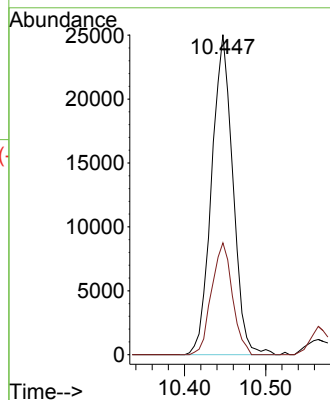
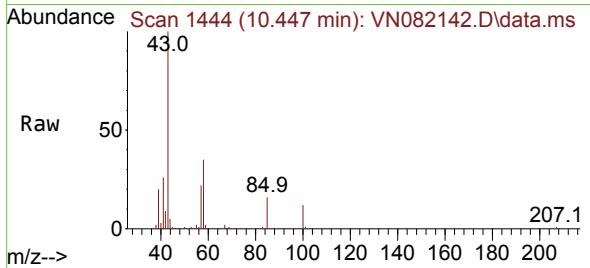




#51
4-Methyl-2-Pentanone
Concen: 12.342 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

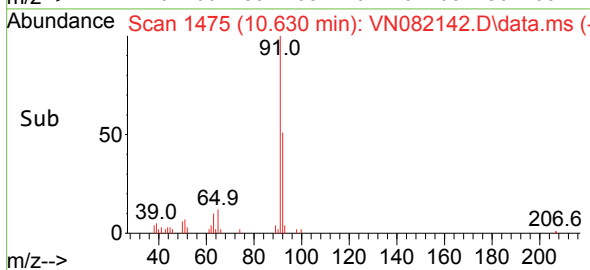
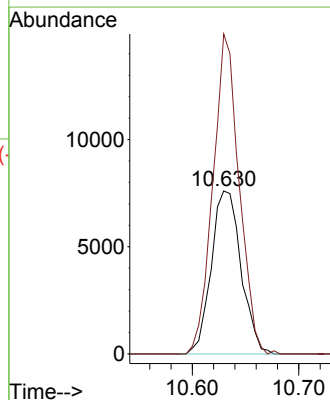
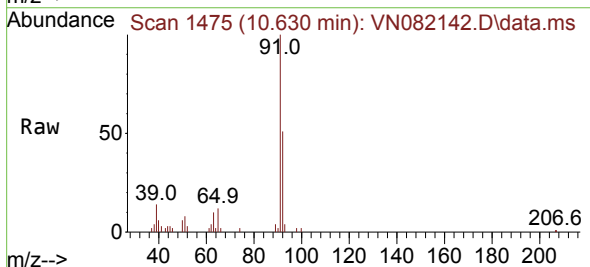
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

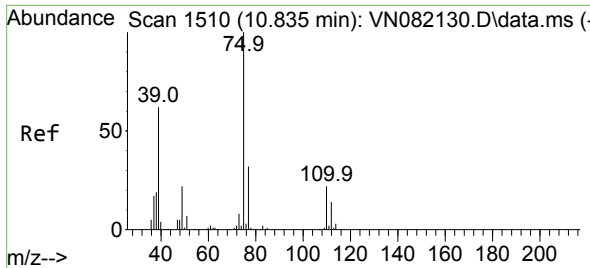
Tgt Ion: 43 Resp: 45570
Ion Ratio Lower Upper
43 100
58 34.1 33.2 49.8



#52
Toluene
Concen: 2.515 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 92 Resp: 14752
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1

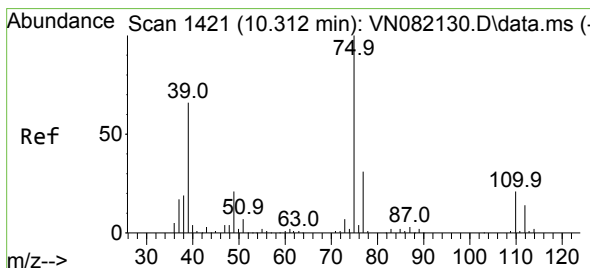
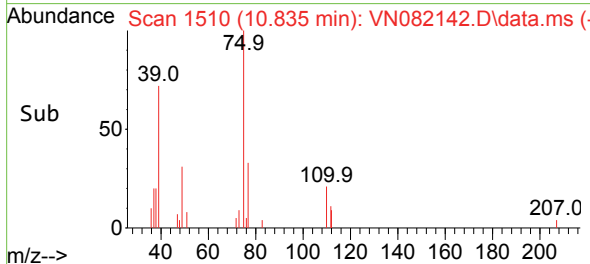
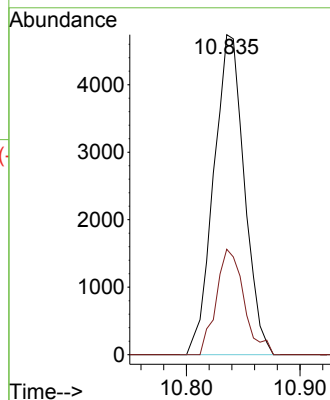
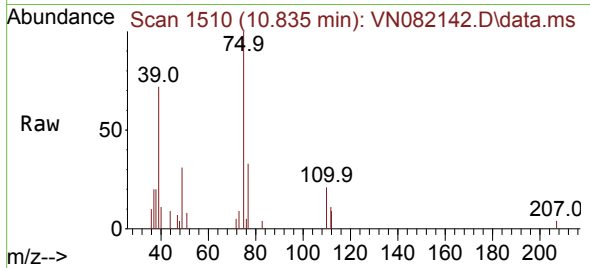




#53
t-1,3-Dichloropropene
Concen: 2.457 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

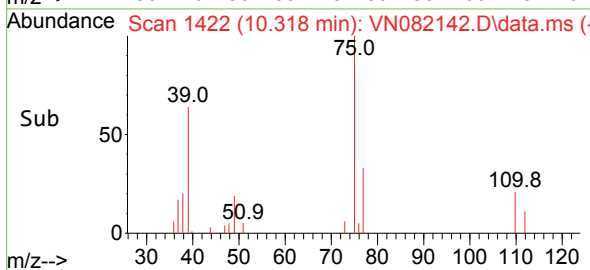
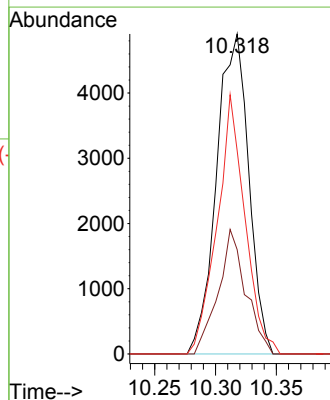
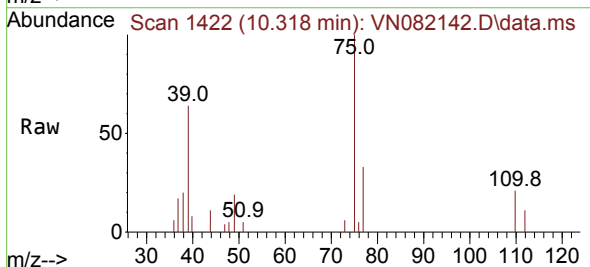
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

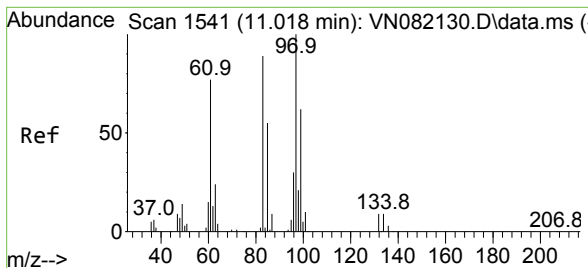
Tgt Ion: 75 Resp: 8879
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 2.356 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 75 Resp: 9014
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4
39 63.6 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 2.647 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082142.D

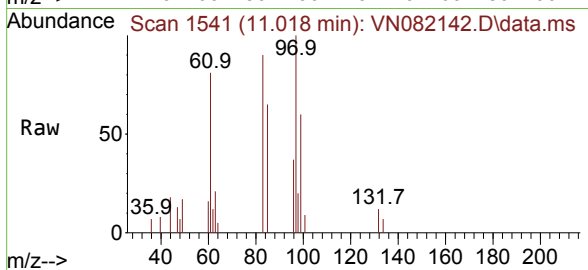
Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 97 Resp: 5642

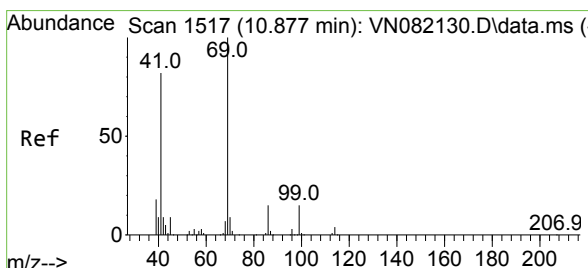
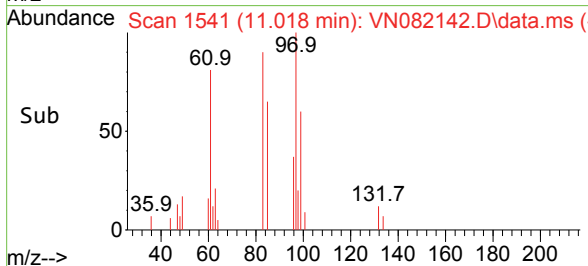
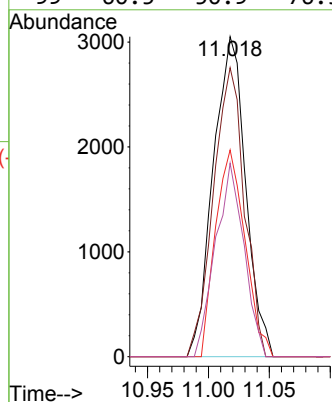
Ion Ratio Lower Upper

97 100

83 90.3 70.4 105.6

85 64.6 45.6 68.4

99 60.5 50.9 76.3



#56

Ethyl methacrylate

Concen: 2.427 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

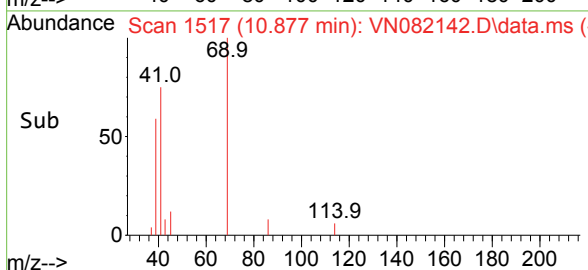
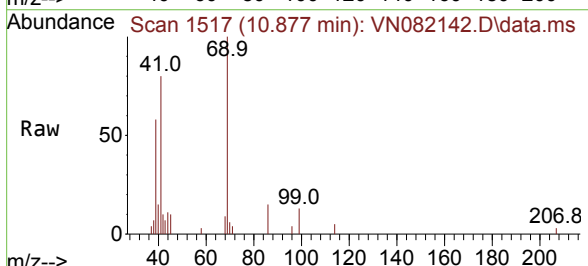
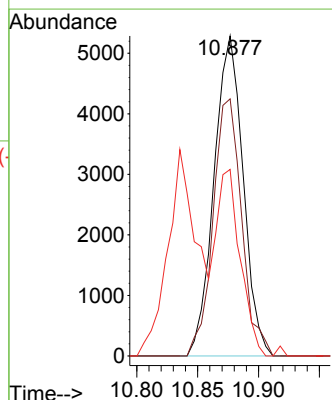
Tgt Ion: 69 Resp: 8783

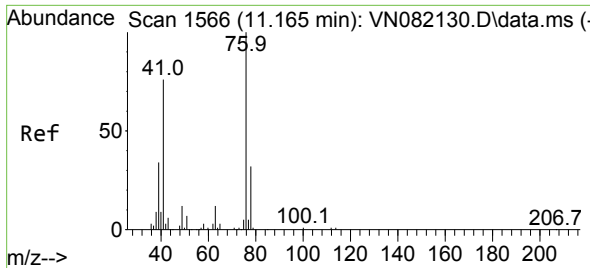
Ion Ratio Lower Upper

69 100

41 79.0 46.6 70.0#

39 48.0 26.5 39.7#

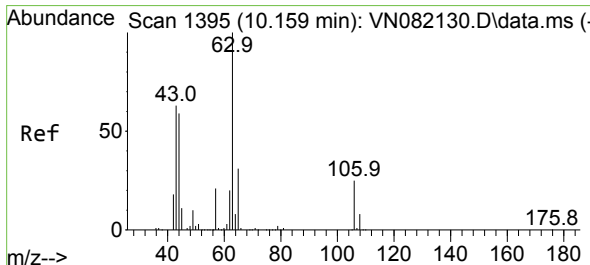
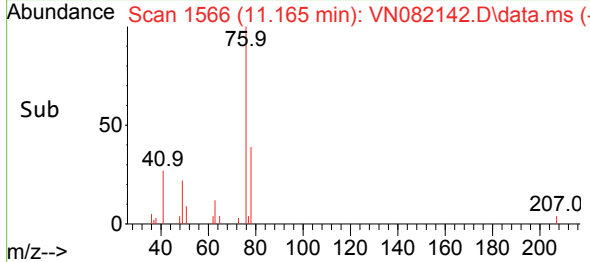
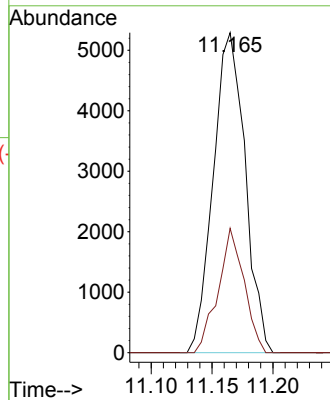
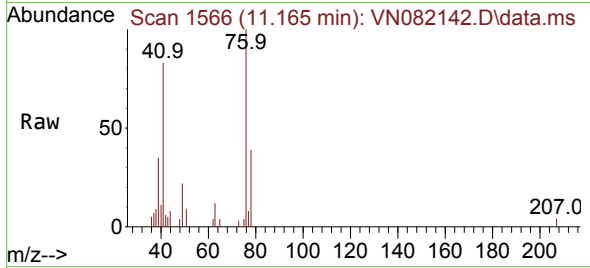




#57
1,3-Dichloropropane
Concen: 2.414 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

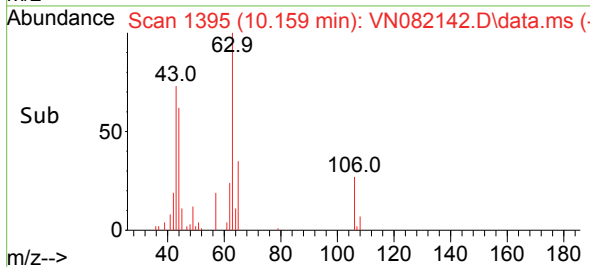
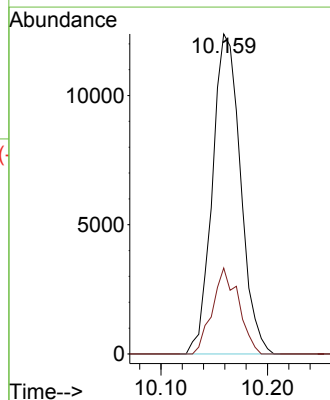
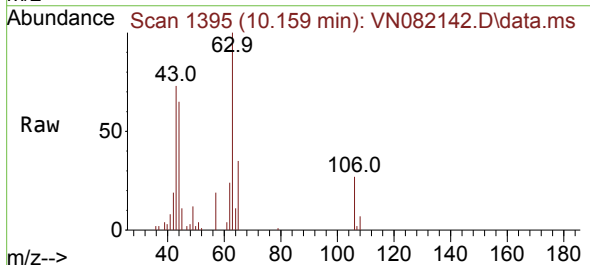
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

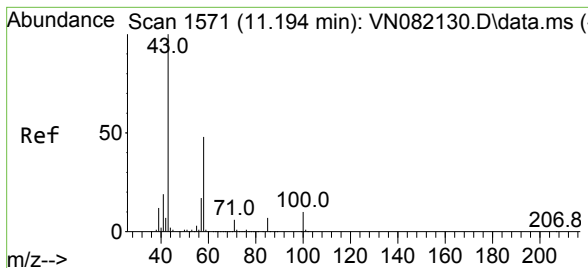
Tgt Ion: 76 Resp: 9619
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 12.174 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 63 Resp: 22720
Ion Ratio Lower Upper
63 100
106 25.0 24.6 36.8





#59

2-Hexanone

Concen: 12.038 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

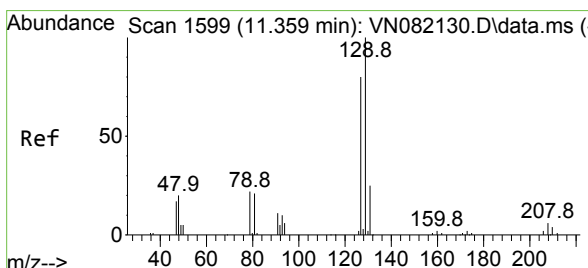
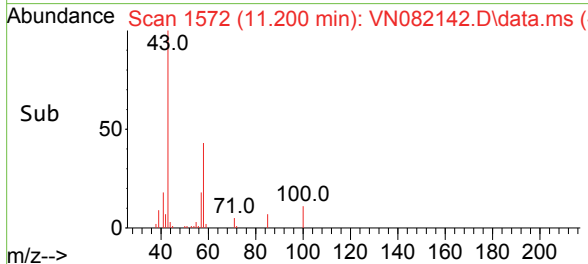
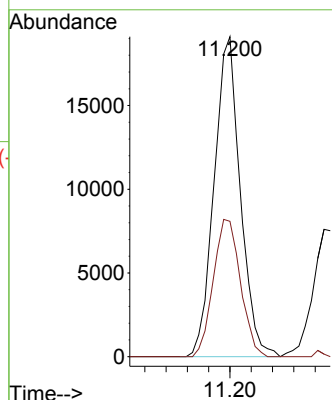
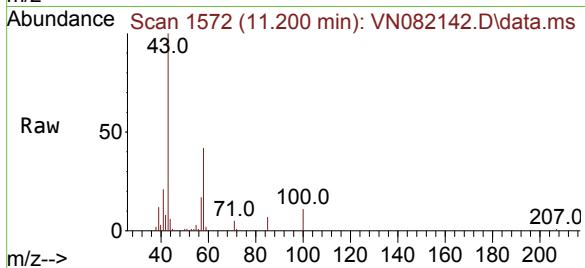
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 32544

Ion Ratio Lower Upper

43 100

58 44.5 28.3 84.9



#60

Dibromochloromethane

Concen: 2.460 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN082142.D

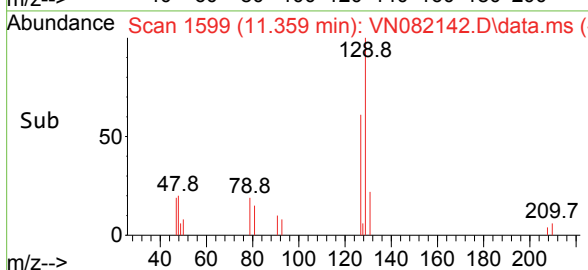
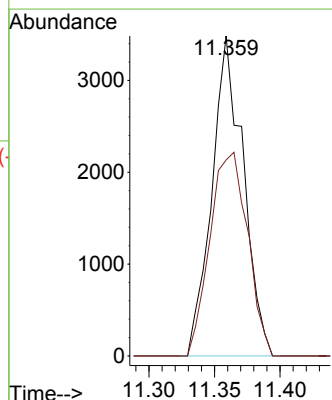
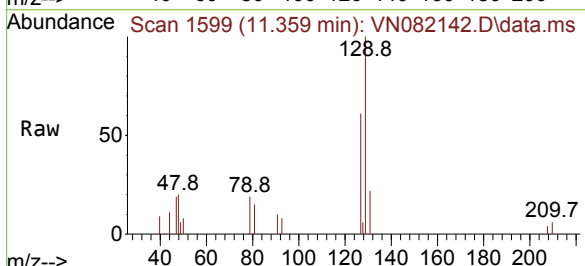
Acq: 15 May 2024 19:38

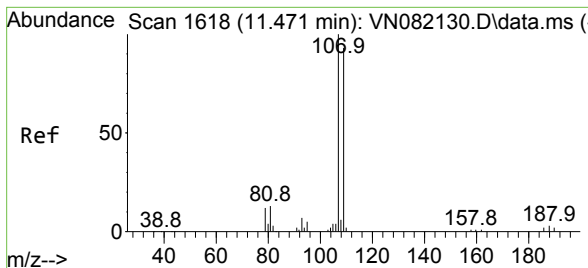
Tgt Ion: 129 Resp: 5785

Ion Ratio Lower Upper

129 100

127 76.4 38.3 114.8

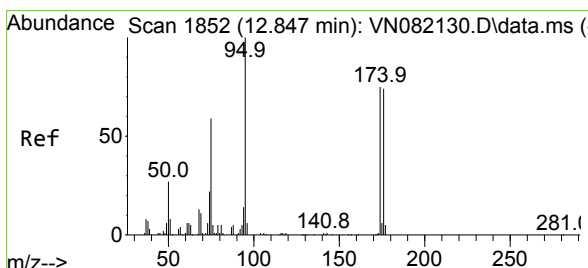
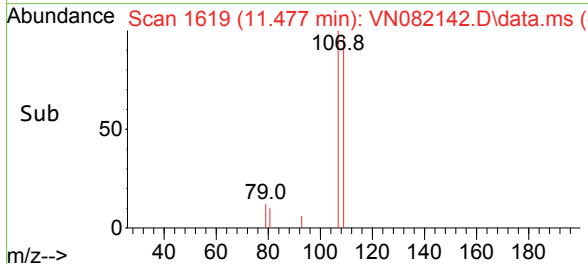
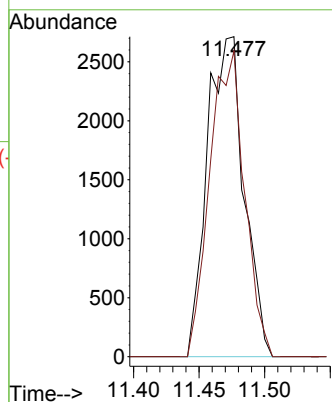
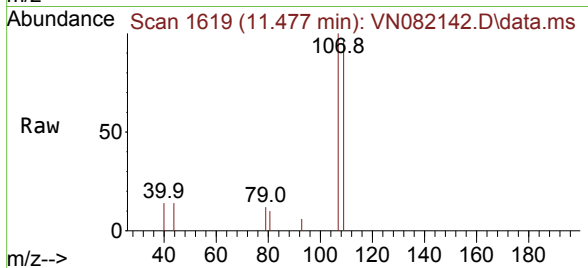




#61
1,2-Dibromoethane
Concen: 2.425 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

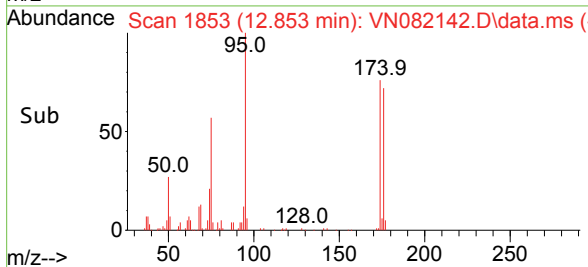
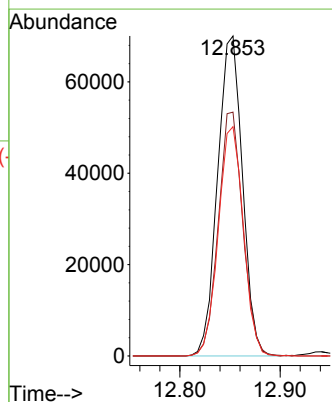
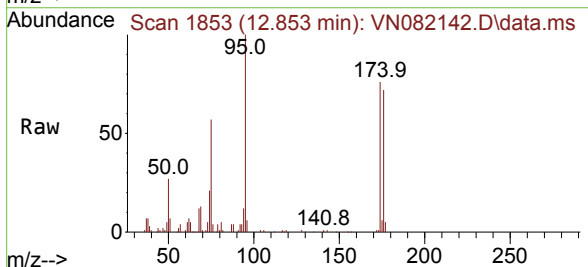
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

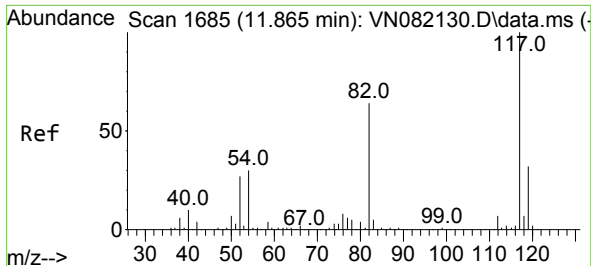
Tgt Ion:107 Resp: 5308
Ion Ratio Lower Upper
107 100
109 90.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 45.141 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion: 95 Resp: 120702
Ion Ratio Lower Upper
95 100
174 75.2 0.0 160.6
176 72.1 0.0 152.8

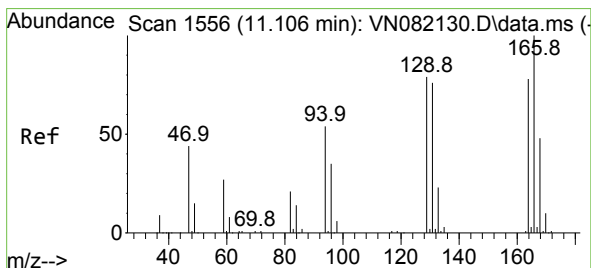
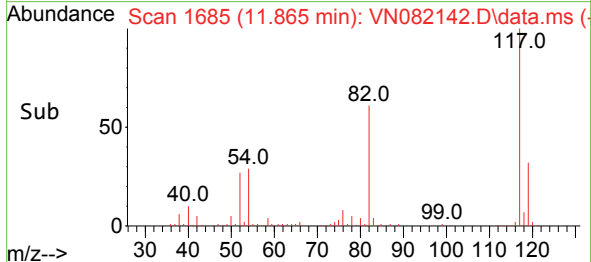
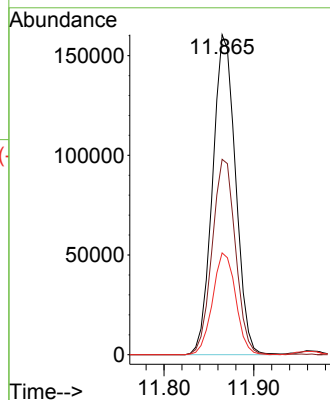
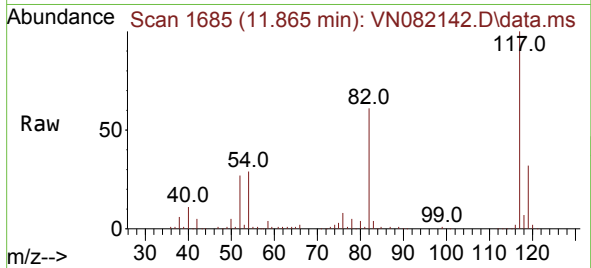




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

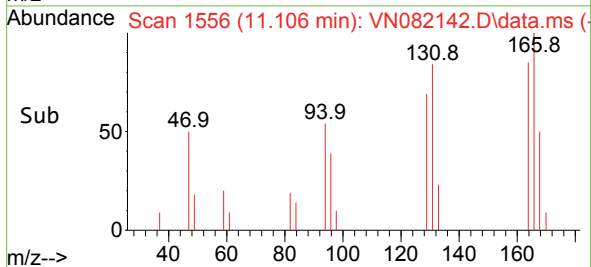
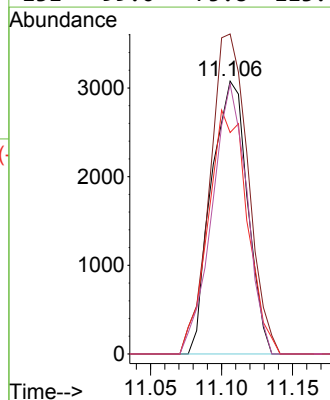
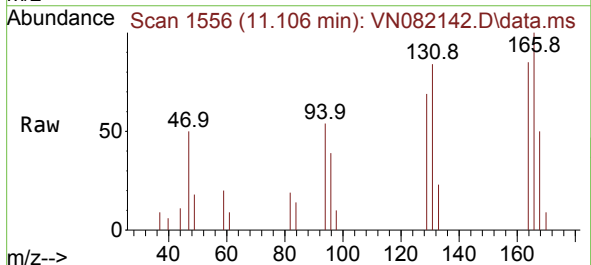
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

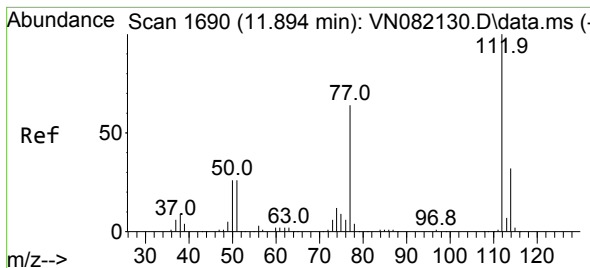
Tgt Ion:117 Resp: 285199
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 2.574 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:164 Resp: 5442
Ion Ratio Lower Upper
164 100
166 117.3 97.6 146.4
129 81.2 73.7 110.5
131 99.0 75.8 113.6





#65

Chlorobenzene

Concen: 2.447 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

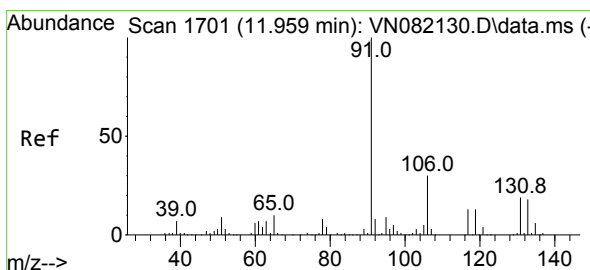
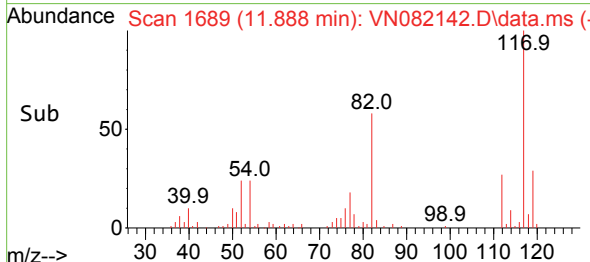
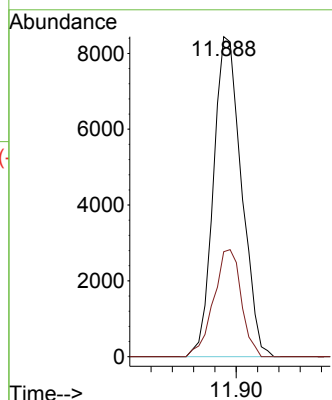
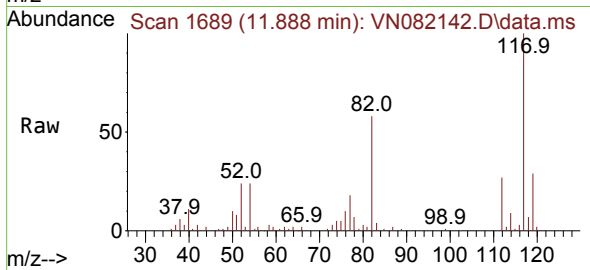
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:112 Resp: 15418

Ion Ratio Lower Upper

112 100

114 32.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.684 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

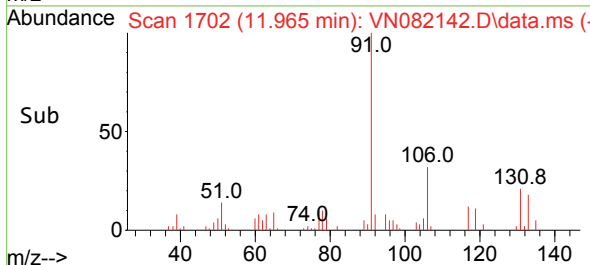
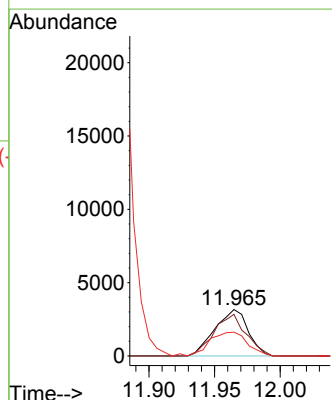
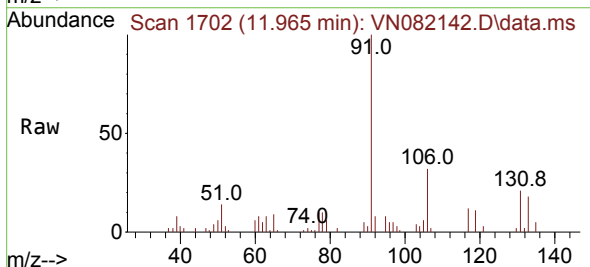
Tgt Ion:131 Resp: 5571

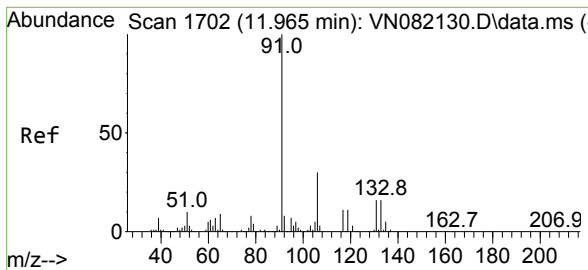
Ion Ratio Lower Upper

131 100

133 86.9 47.5 142.6

119 57.6 32.9 98.7





#67

Ethyl Benzene

Concen: 2.322 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

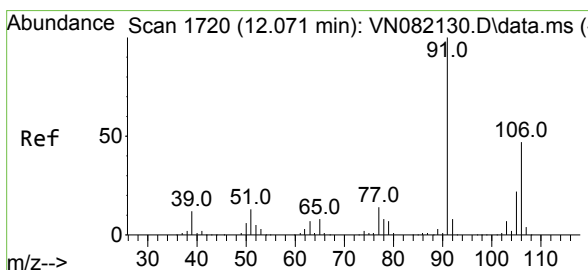
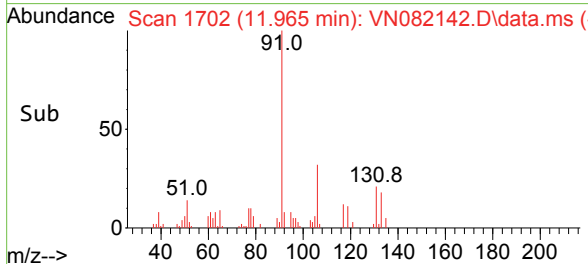
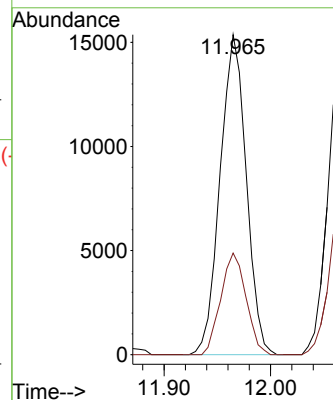
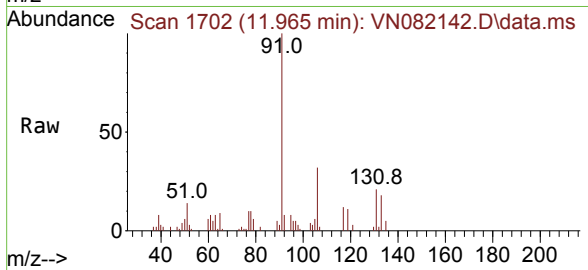
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 26174

Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9



#68

m/p-Xylenes

Concen: 4.539 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082142.D

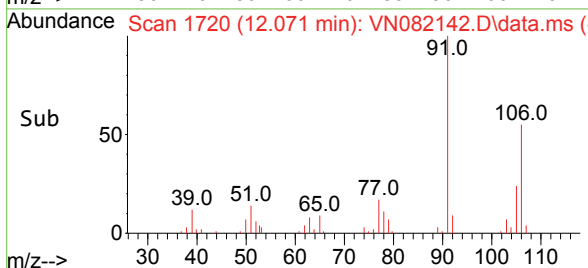
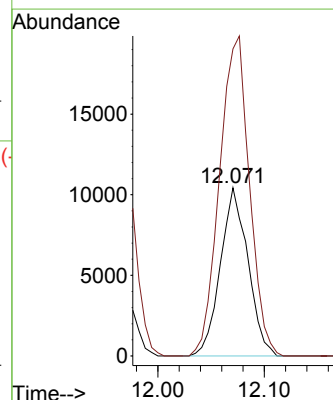
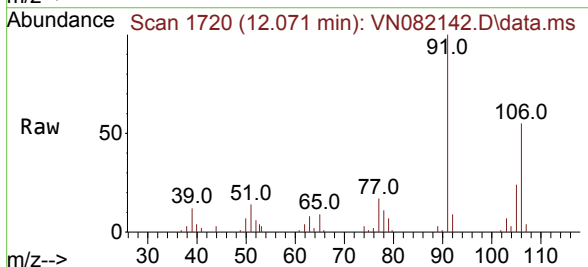
Acq: 15 May 2024 19:38

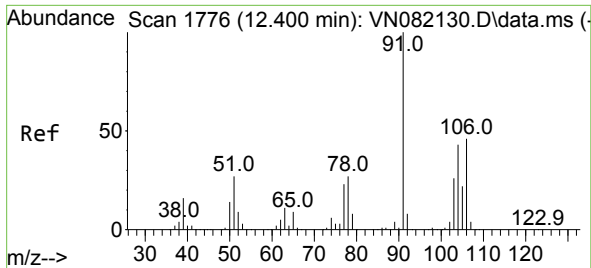
Tgt Ion: 106 Resp: 18751

Ion Ratio Lower Upper

106 100

91 206.4 159.4 239.0

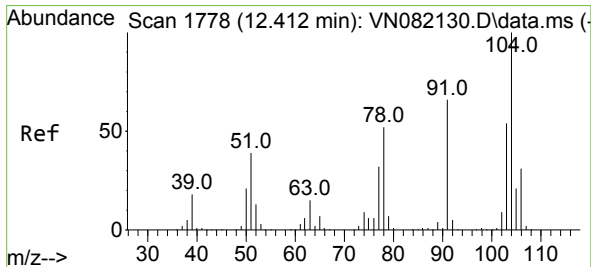
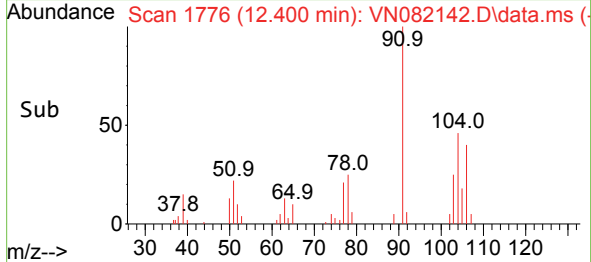
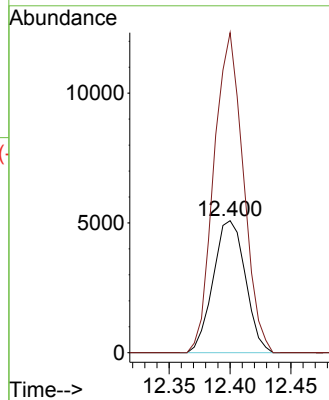
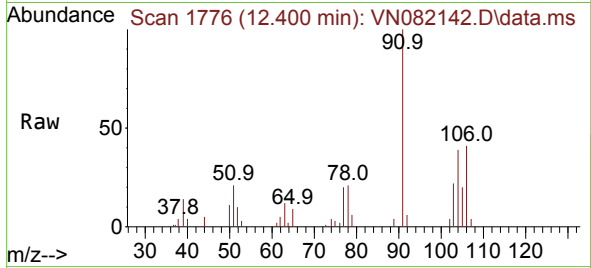




#69
o-Xylene
Concen: 2.339 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

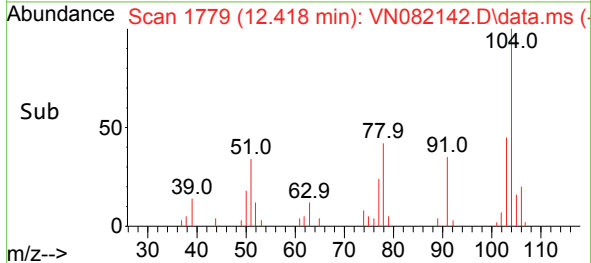
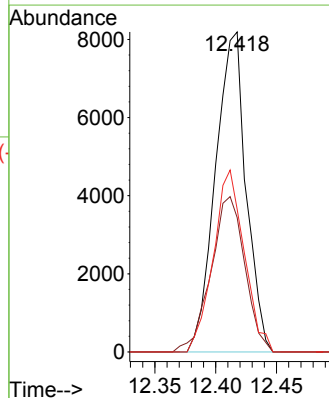
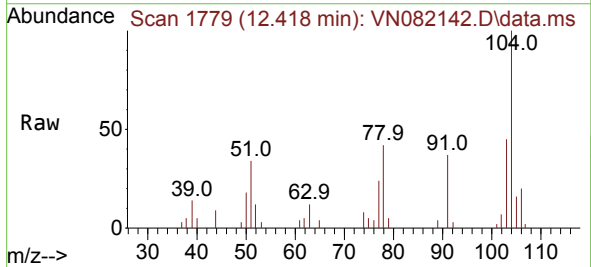
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

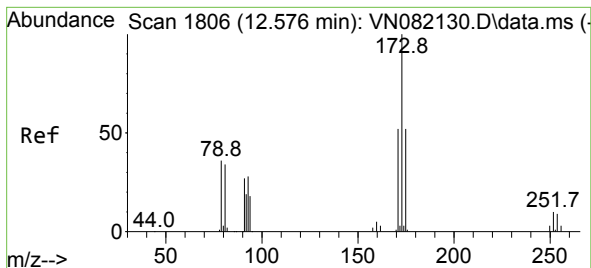
Tgt Ion:106 Resp: 9360
Ion Ratio Lower Upper
106 100
91 221.5 104.7 314.1



#70
Styrene
Concen: 2.159 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:104 Resp: 14349
Ion Ratio Lower Upper
104 100
78 53.5 38.6 58.0
103 57.4 43.8 65.6





#71

Bromoform

Concen: 2.328 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

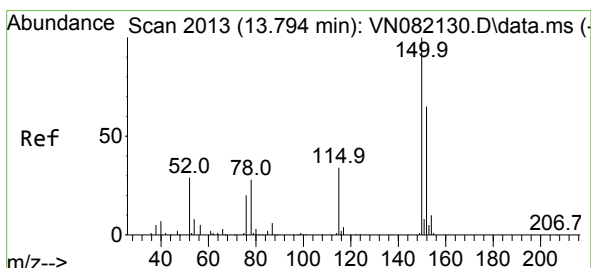
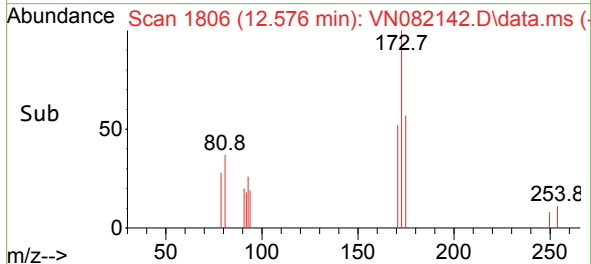
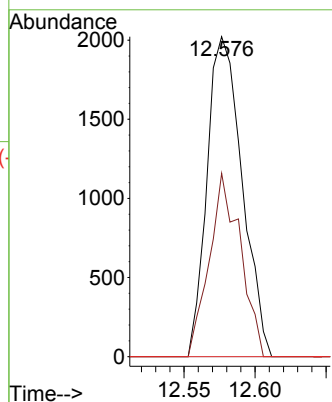
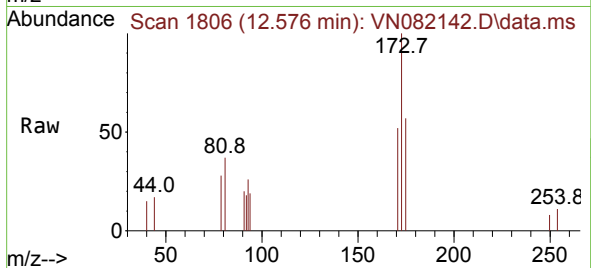
Tgt Ion:173 Resp: 3470

Ion Ratio Lower Upper

173 100

175 50.8 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: VN082142.D

Acq: 15 May 2024 19:38

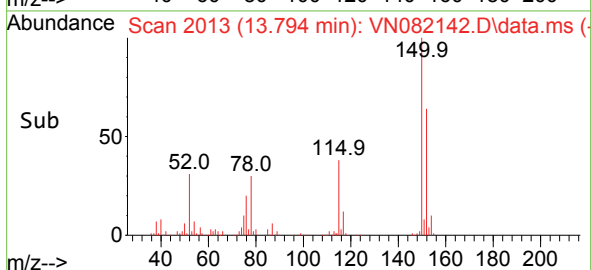
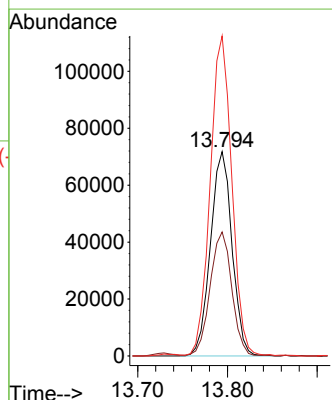
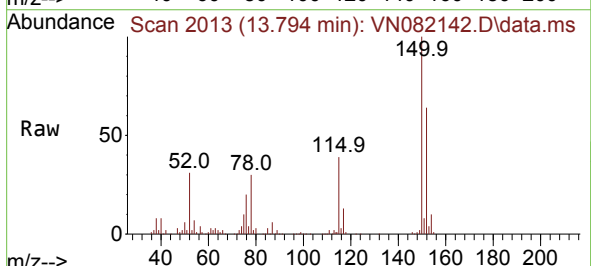
Tgt Ion:152 Resp: 119959

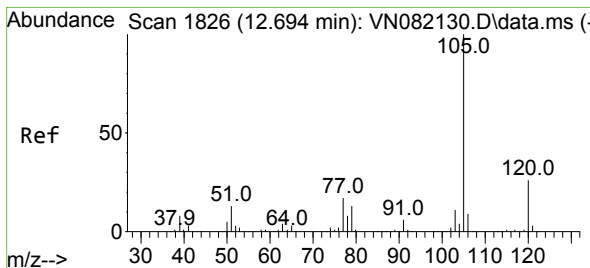
Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 155.3 0.0 353.2





#73

Isopropylbenzene

Concen: 2.415 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

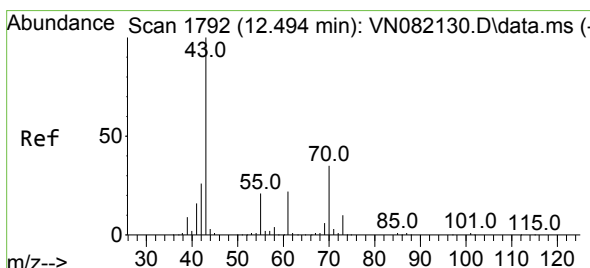
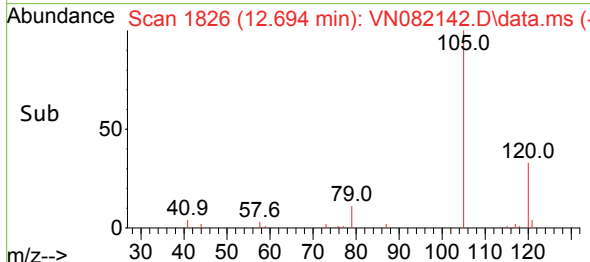
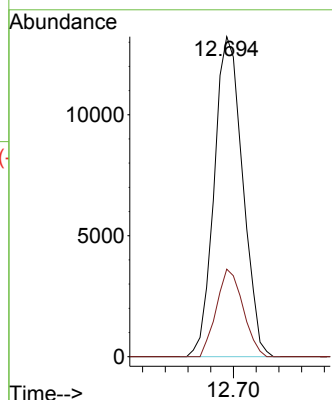
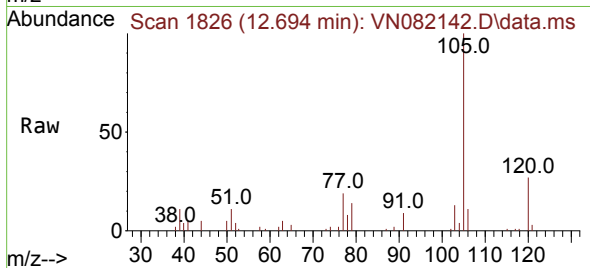
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 23014

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 2.279 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Tgt Ion: 43 Resp: 11947

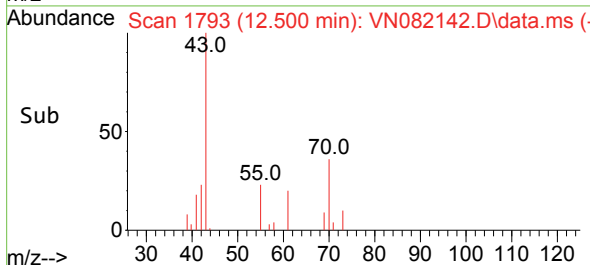
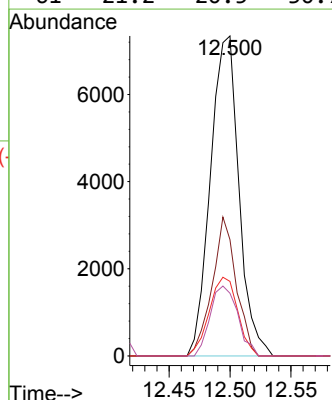
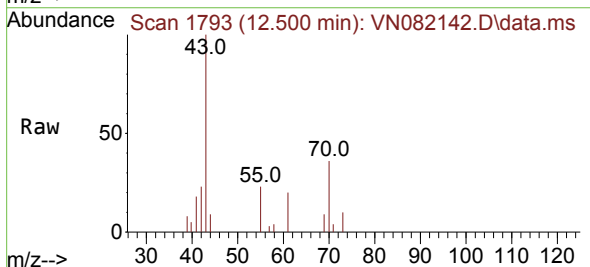
Ion Ratio Lower Upper

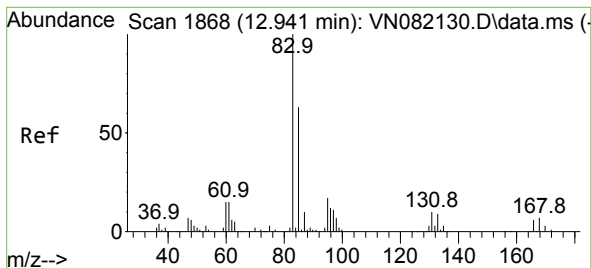
43 100

70 36.6 39.0 58.4#

55 24.6 21.3 31.9

61 21.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 2.720 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

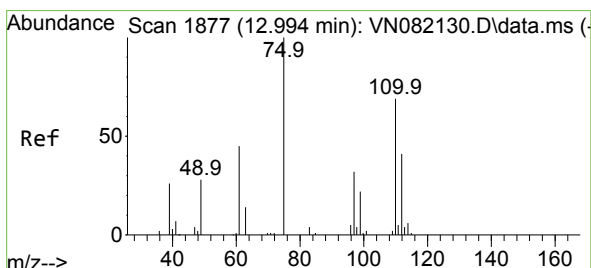
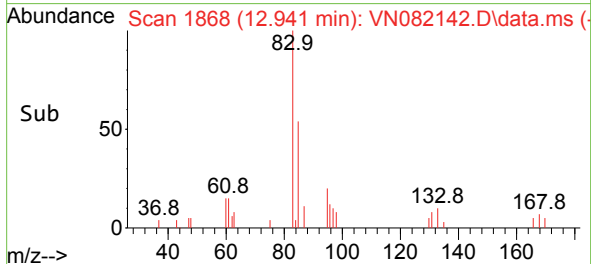
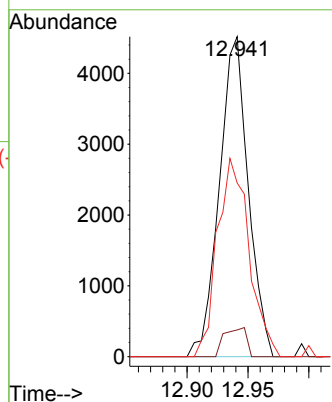
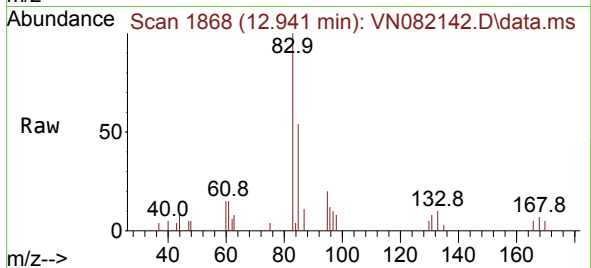
Tgt Ion: 83 Resp: 7472

Ion Ratio Lower Upper

83 100

131 6.9 5.5 16.4

85 67.9 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 3.862 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN082142.D

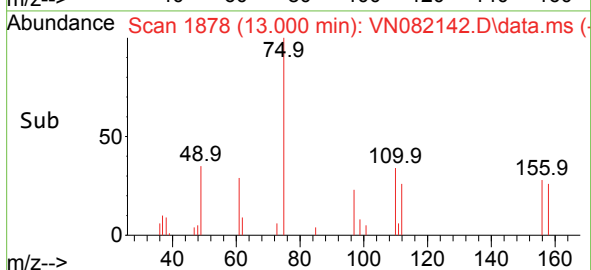
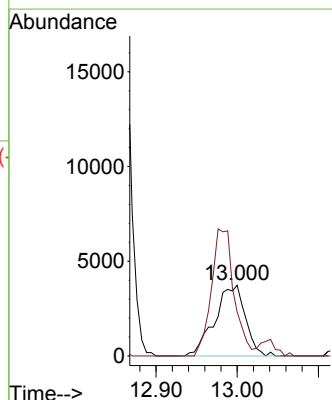
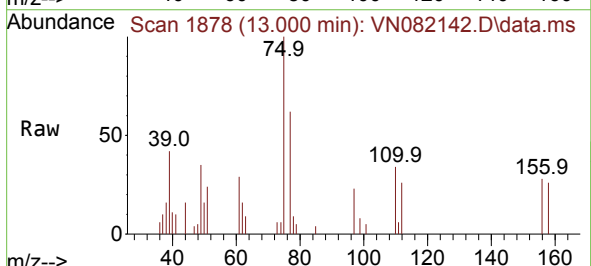
Acq: 15 May 2024 19:38

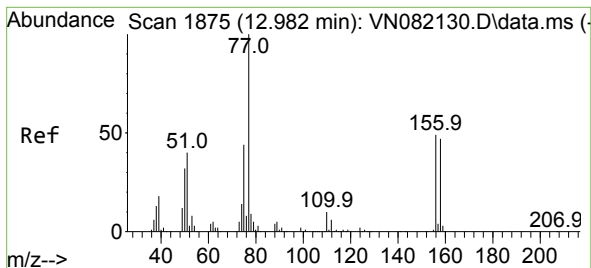
Tgt Ion: 75 Resp: 9752

Ion Ratio Lower Upper

75 100

77 0.0 90.5 271.3#





#77

Bromobenzene

Concen: 2.599 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

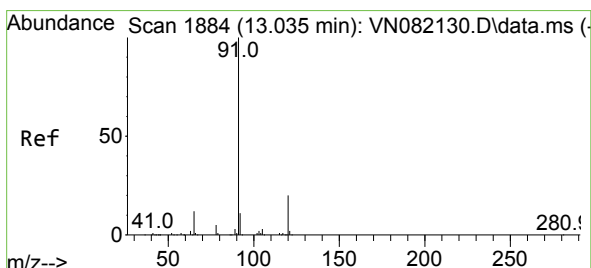
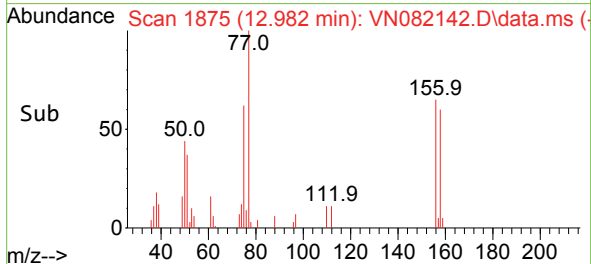
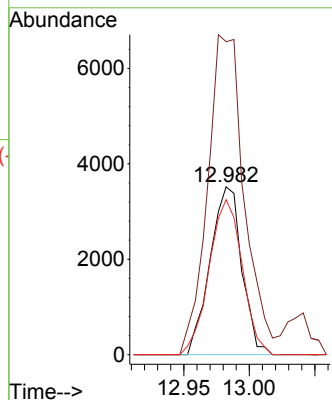
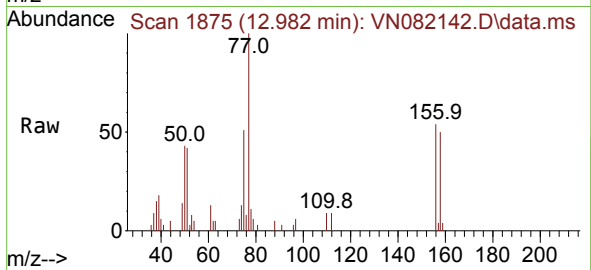
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	156	Resp:	5903
Ion	Ratio	Lower	Upper
156	100		
77	220.4	100.2	300.6
158	96.7	49.1	147.3



#78

n-propylbenzene

Concen: 2.458 ug/l

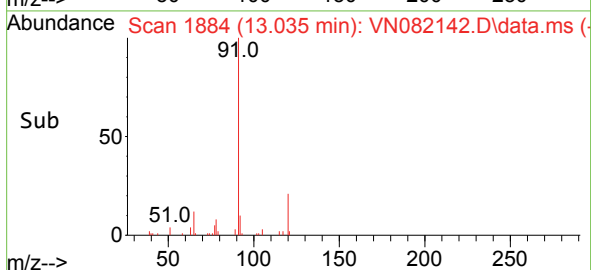
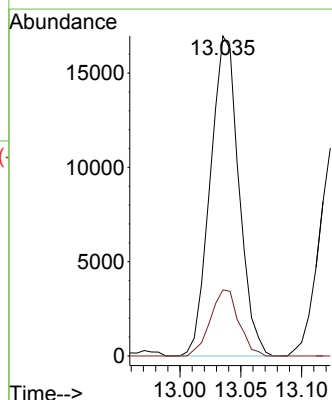
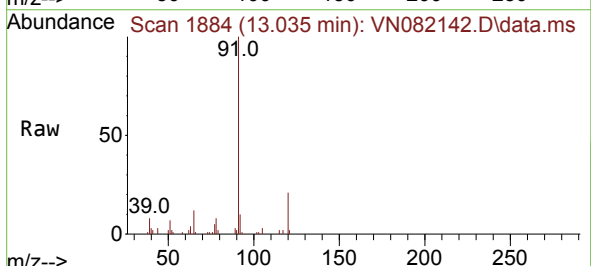
RT: 13.035 min Scan# 1884

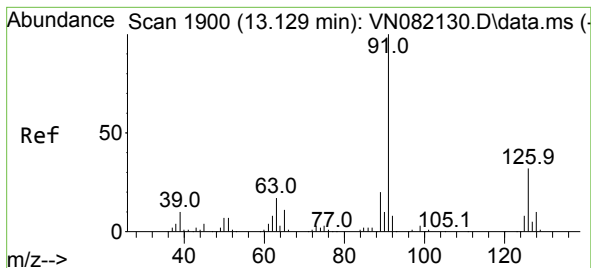
Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Tgt Ion:	91	Resp:	27738
Ion	Ratio	Lower	Upper
91	100		
120	20.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 2.602 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

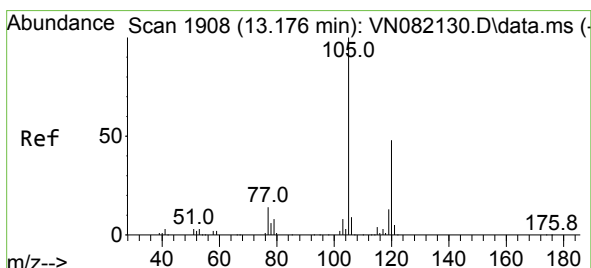
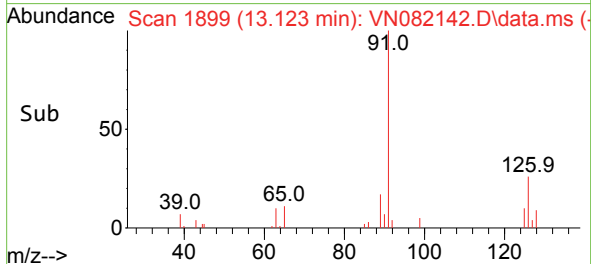
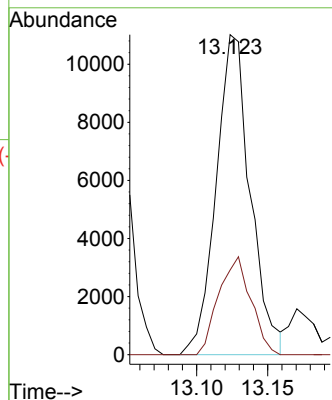
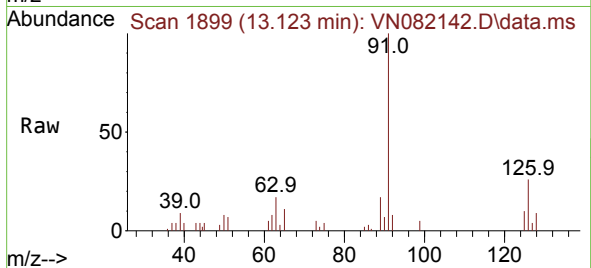
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 18440

Ion Ratio Lower Upper

91 100

126 28.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 2.461 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082142.D

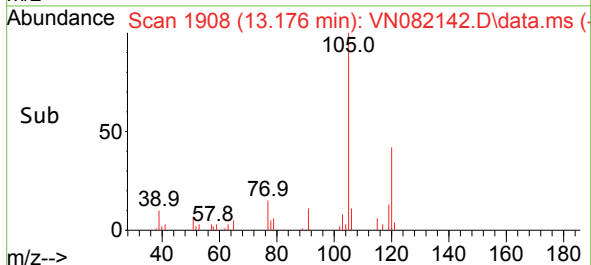
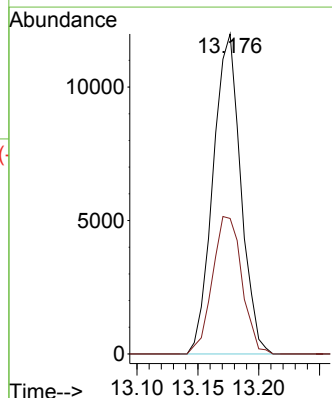
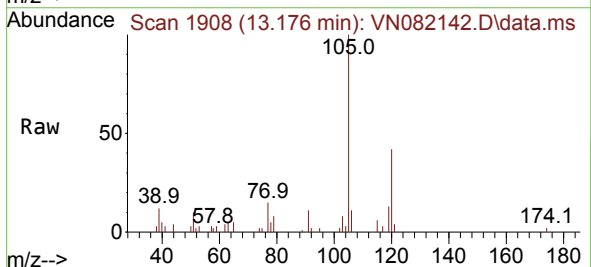
Acq: 15 May 2024 19:38

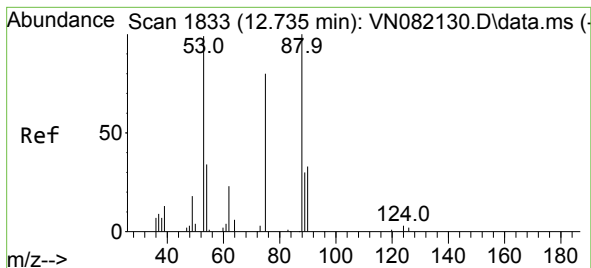
Tgt Ion:105 Resp: 18961

Ion Ratio Lower Upper

105 100

120 45.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 66.007 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082142.D

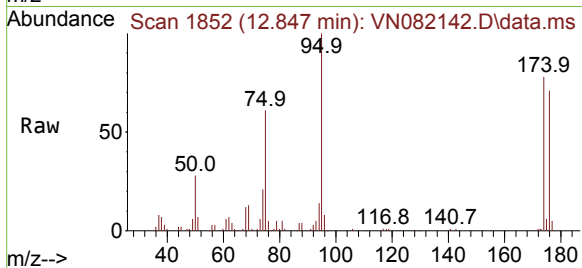
Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



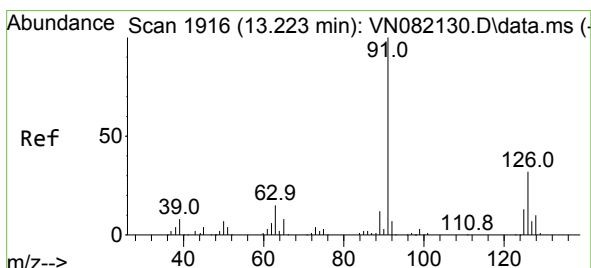
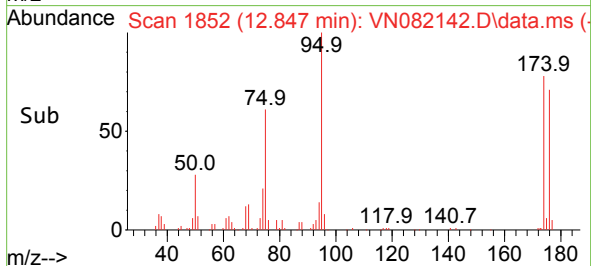
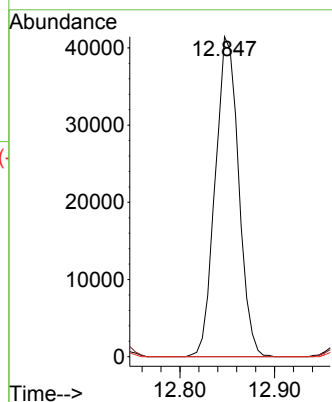
Tgt Ion: 75 Resp: 71253

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#



#82

4-Chlorotoluene

Concen: 2.490 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN082142.D

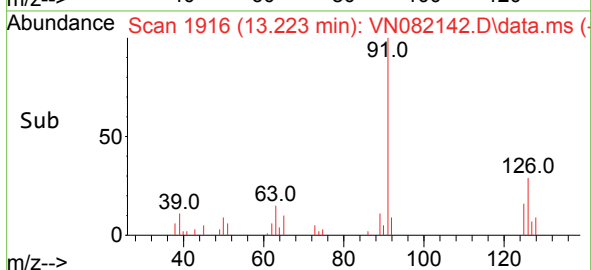
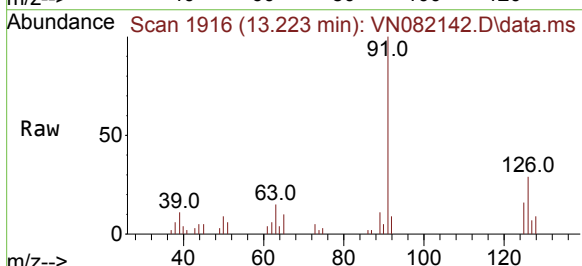
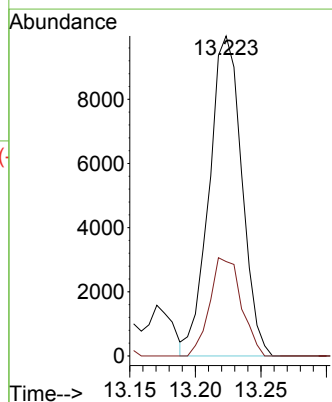
Acq: 15 May 2024 19:38

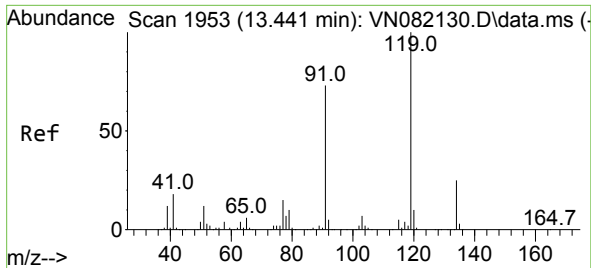
Tgt Ion: 91 Resp: 17252

Ion Ratio Lower Upper

91 100

126 29.6 17.4 52.3

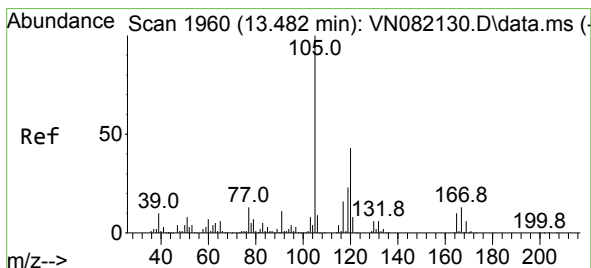
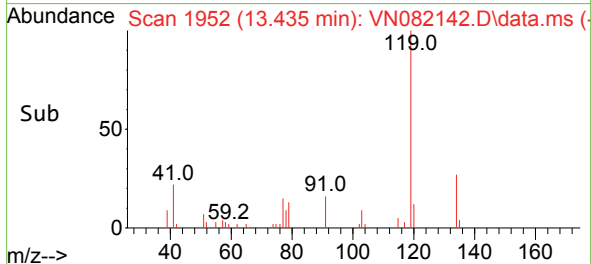
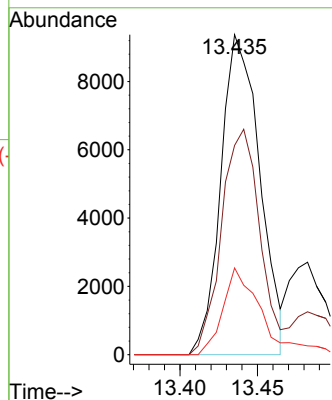
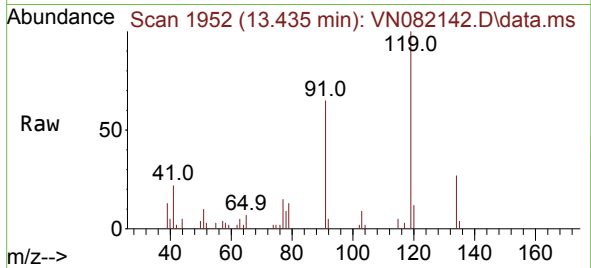




#83
tert-Butylbenzene
Concen: 2.430 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

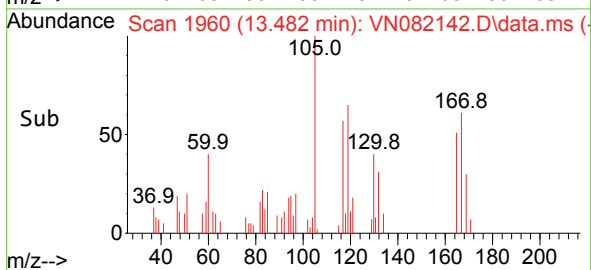
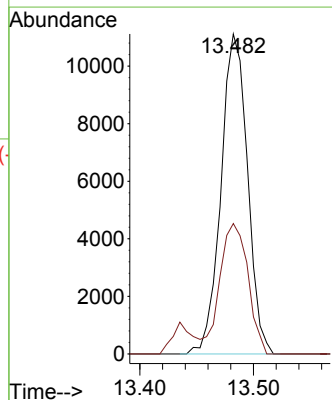
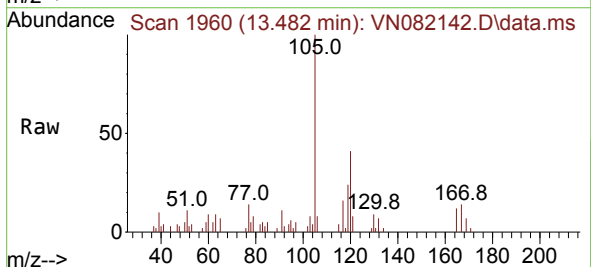
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

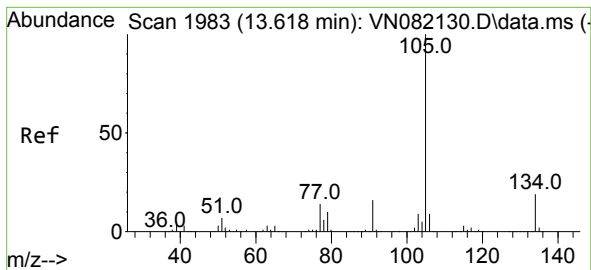
Tgt Ion:	119	Resp:	16381
Ion	Ratio	Lower	Upper
119	100		
91	70.9	32.6	97.8
134	26.9	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 2.287 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:	105	Resp:	18030
Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.9	68.7





#85

sec-Butylbenzene

Concen: 2.224 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

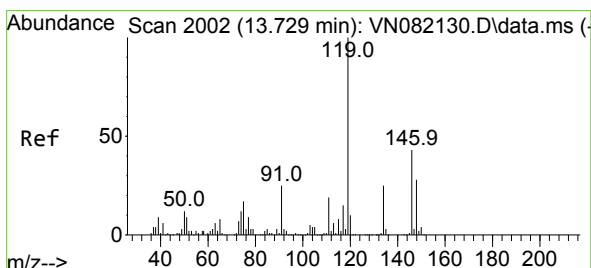
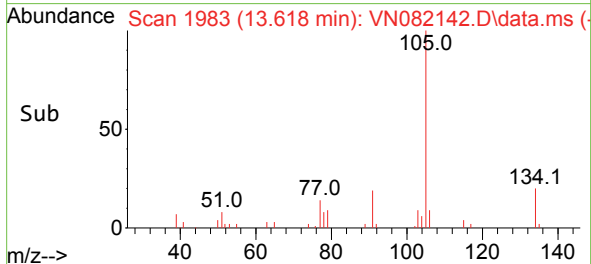
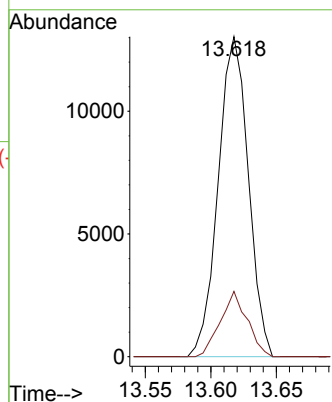
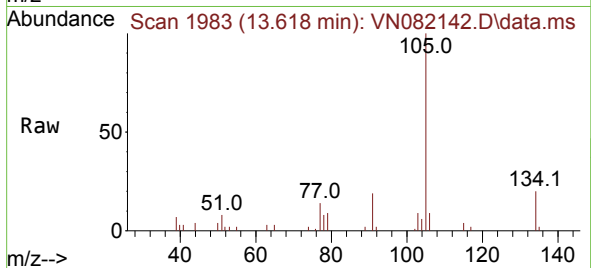
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 20780

Ion Ratio Lower Upper

105 100

134 18.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 2.189 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

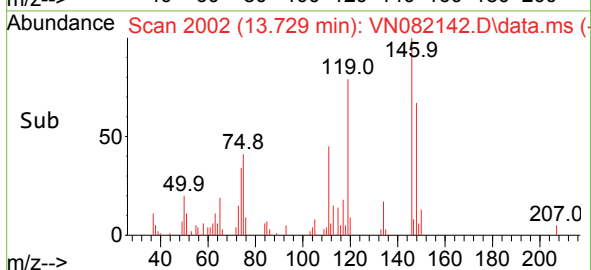
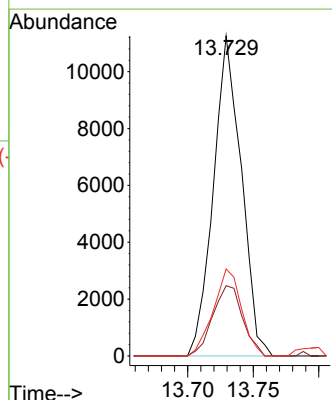
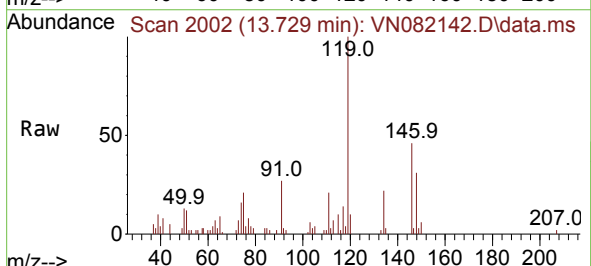
Tgt Ion:119 Resp: 16627

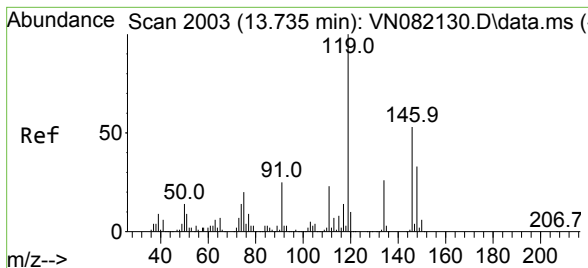
Ion Ratio Lower Upper

119 100

134 23.6 13.2 39.5

91 27.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 2.427 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

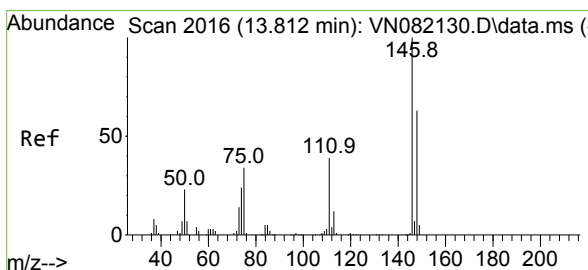
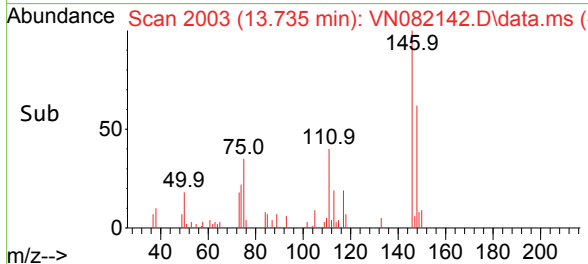
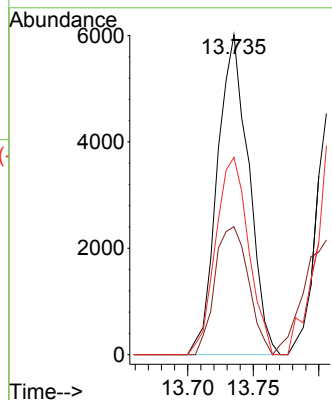
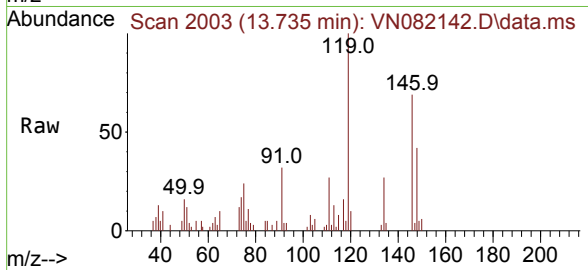
Tgt Ion:146 Resp: 9986

Ion Ratio Lower Upper

146 100

111 43.0 20.8 62.5

148 64.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 2.445 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

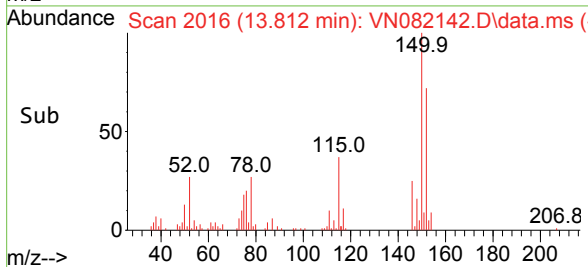
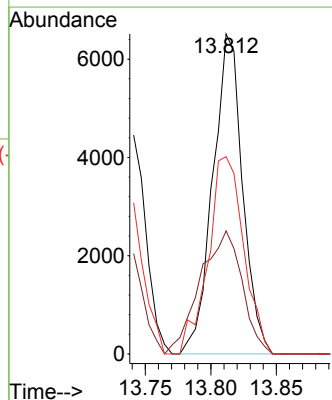
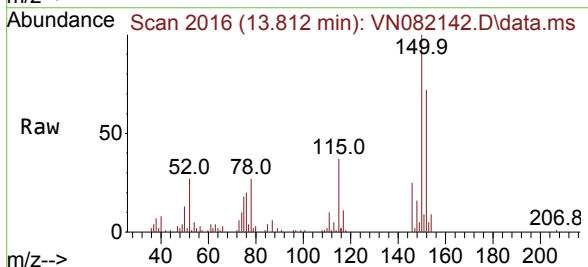
Tgt Ion:146 Resp: 10267

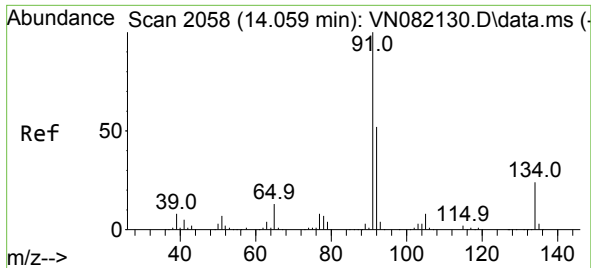
Ion Ratio Lower Upper

146 100

111 54.2 19.3 57.9

148 73.6 31.3 93.9

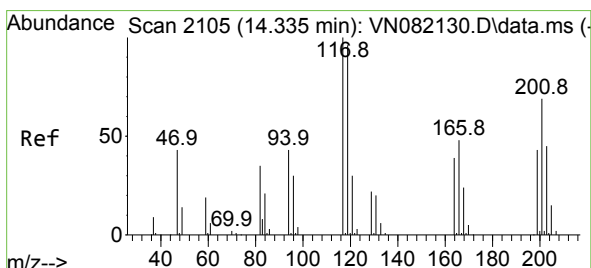
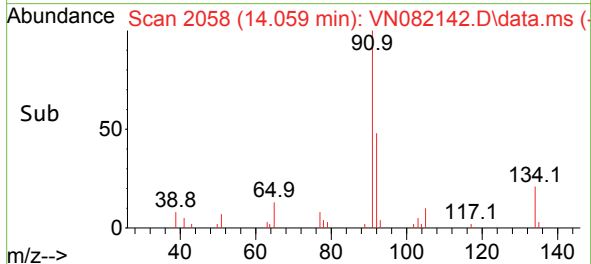
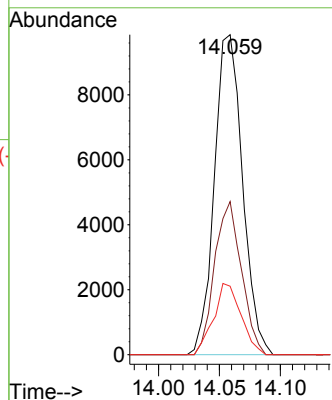
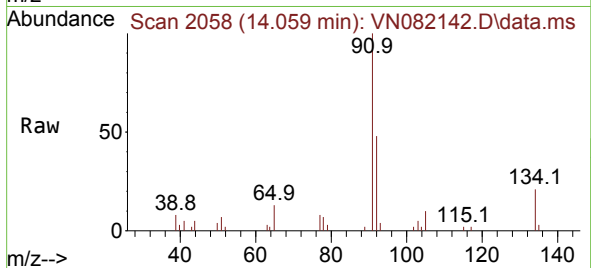




#89
n-Butylbenzene
Concen: 2.329 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

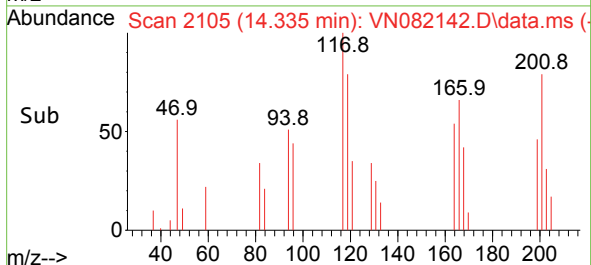
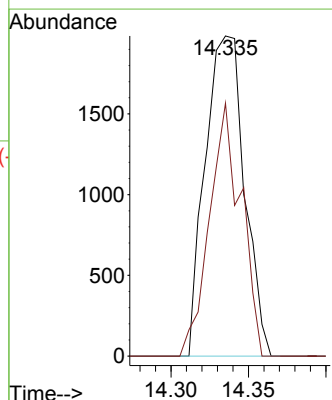
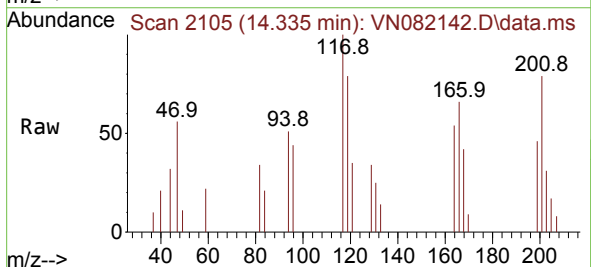
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

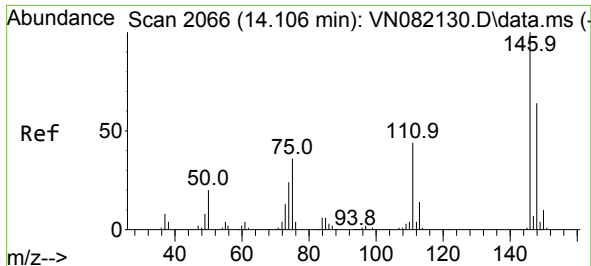
Tgt Ion:	91	Resp:	15894
Ion	Ratio	Lower	Upper
91	100		
92	45.4	26.2	78.5
134	21.7	13.2	39.5



#90
Hexachloroethane
Concen: 2.485 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082142.D
Acq: 15 May 2024 19:38

Tgt Ion:	117	Resp:	3496
Ion	Ratio	Lower	Upper
117	100		
201	63.7	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 2.558 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN082142.D

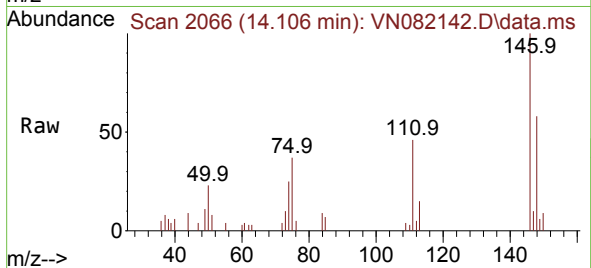
Acq: 15 May 2024 19:38

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



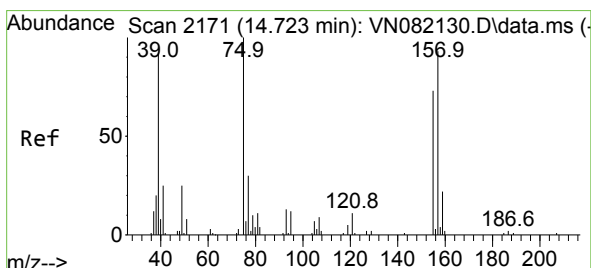
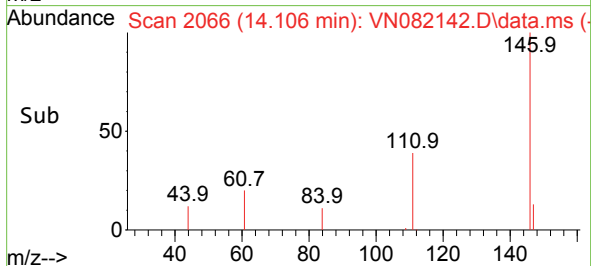
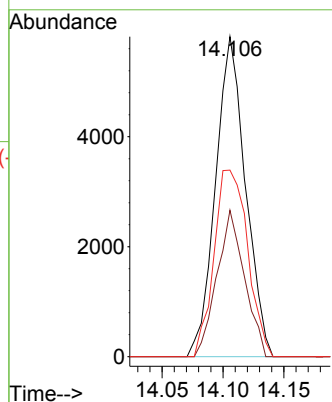
Tgt Ion:146 Resp: 9962

Ion Ratio Lower Upper

146 100

111 42.1 21.3 64.0

148 65.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.498 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

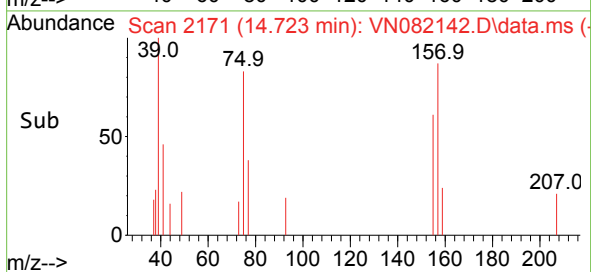
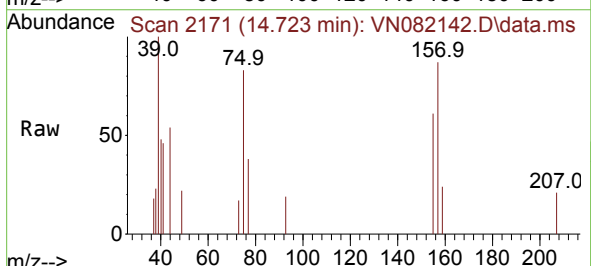
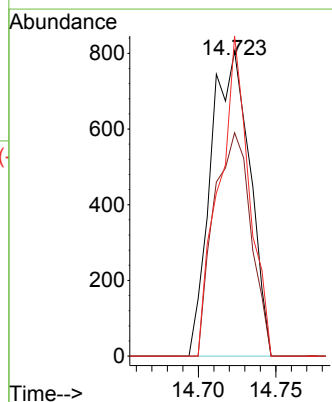
Tgt Ion: 75 Resp: 1410

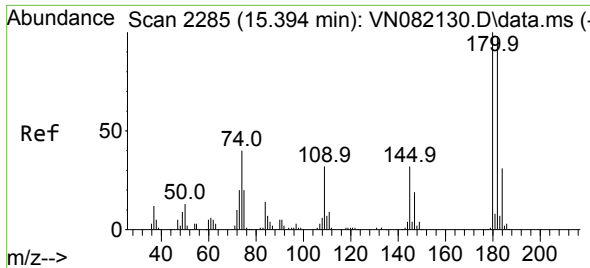
Ion Ratio Lower Upper

75 100

155 69.4 42.6 128.0

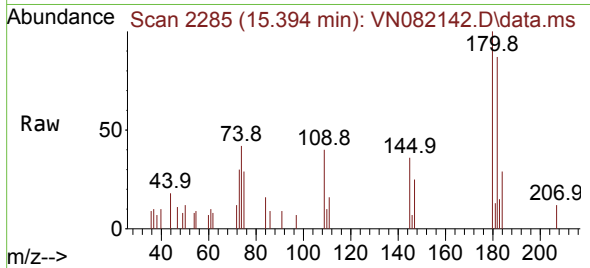
157 81.0 53.0 159.0



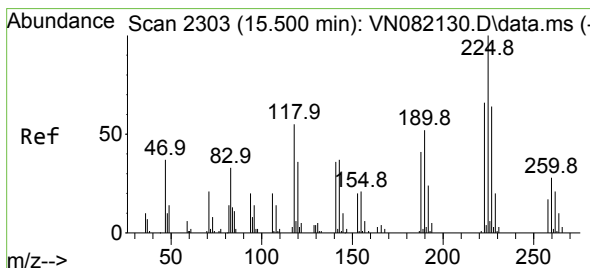
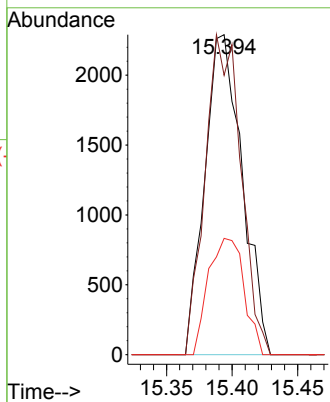
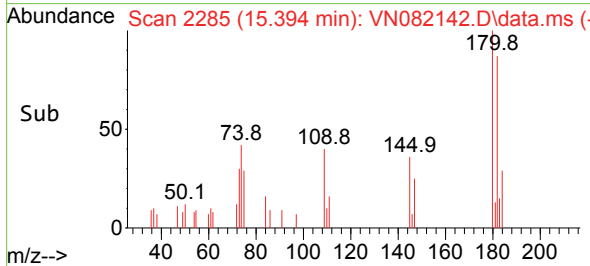


#93
 1,2,4-Trichlorobenzene
 Concen: 2.081 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN082142.D
 Acq: 15 May 2024 19:38

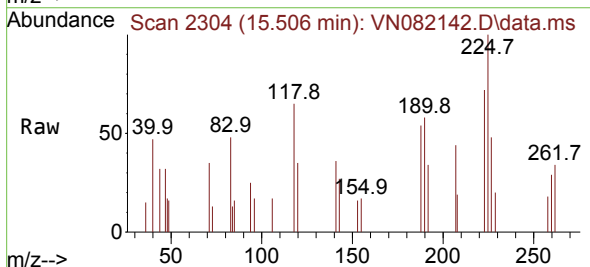
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



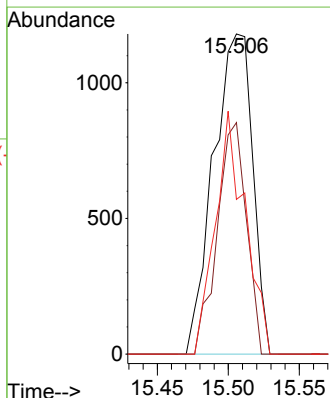
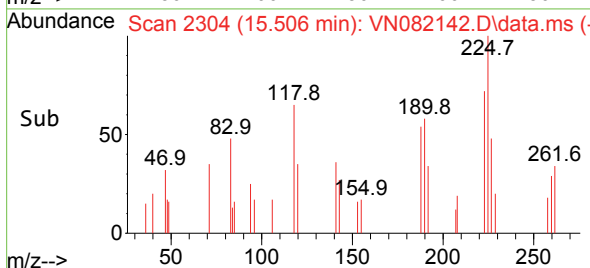
Tgt Ion:180 Resp: 4544
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.7 140.0
 145 34.5 16.2 48.6

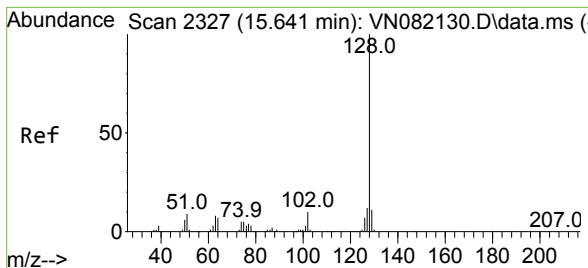


#94
 Hexachlorobutadiene
 Concen: 2.363 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN082142.D
 Acq: 15 May 2024 19:38



Tgt Ion:225 Resp: 2264
 Ion Ratio Lower Upper
 225 100
 223 53.8 31.1 93.2
 227 57.9 30.6 91.6





#95

Naphthalene

Concen: 2.067 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082142.D

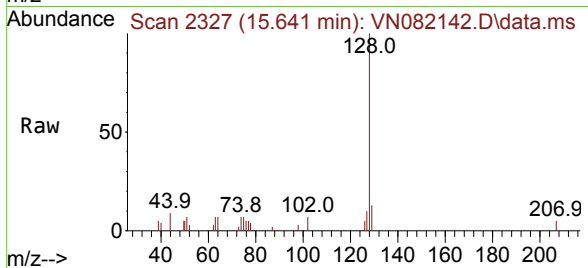
Acq: 15 May 2024 19:38

Instrument :

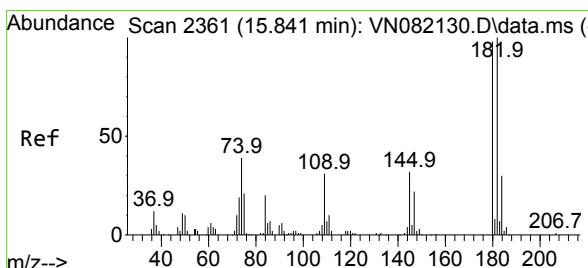
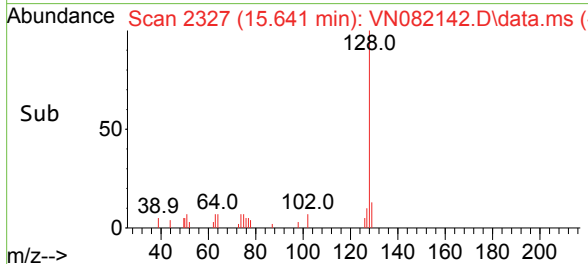
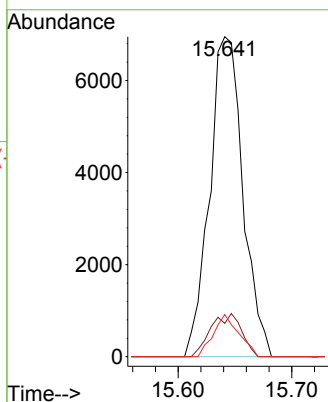
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	128	Resp:	14141
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	10.1	8.9	13.3



#96

1,2,3-Trichlorobenzene

Concen: 2.070 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082142.D

Acq: 15 May 2024 19:38

Tgt Ion:	180	Resp:	4524
Ion Ratio	Lower	Upper	
180	100		
182	91.1	46.0	137.8
145	33.4	17.1	51.3

