

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080823.D
 Acq On : 30 Jan 2024 18:46
 Operator : JC\MD
 Sample : P1187-09 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	100079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87448	50.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.020%
35) Dibromofluoromethane	8.165	113	61155	47.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	10.571	98	233598	46.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.853	95	74257	42.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	761	0.512	ug/l #	44
3) Chloromethane	2.365	50	2909	1.302	ug/l #	65
4) Vinyl Chloride	2.512	62	725	0.427	ug/l #	49
5) Bromomethane	2.971	94	719	1.058	ug/l #	79
6) Chloroethane	3.124	64	827	0.913	ug/l #	42
7) Trichlorofluoromethane	3.500	101	1330	0.605	ug/l	94
8) Diethyl Ether	3.977	74	264m	0.260	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	592	0.462	ug/l #	40
11) Tert butyl alcohol	5.518	59	724	2.565	ug/l #	94
12) 1,1-Dichloroethene	4.330	96	393m	0.280	ug/l	
13) Acrolein	4.165	56	1081m	3.037	ug/l	
14) Allyl chloride	5.018	41	1547	0.557	ug/l #	60
15) Acrylonitrile	5.741	53	2079m	2.449	ug/l	
16) Acetone	4.453	43	2912m	4.638	ug/l	
17) Carbon Disulfide	4.683	76	2859m	0.654	ug/l	
18) Methyl Acetate	5.036	43	2624	1.199	ug/l #	64
19) Methyl tert-butyl Ether	5.789	73	2514m	0.508	ug/l	
20) Methylene Chloride	5.277	84	1360m	0.825	ug/l	
21) trans-1,2-Dichloroethene	5.789	96	463m	0.303	ug/l	
22) Diisopropyl ether	6.671	45	3553	0.580	ug/l #	87
23) Vinyl Acetate	6.606	43	9638	2.174	ug/l	96
24) 1,1-Dichloroethane	6.571	63	1806m	0.581	ug/l	
25) 2-Butanone	7.494	43	3528	2.958	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	1246	0.496	ug/l	81
27) cis-1,2-Dichloroethene	7.488	96	848	0.480	ug/l	63
28) Bromochloromethane	7.812	49	518	0.315	ug/l #	79
29) Tetrahydrofuran	7.835	42	2609	3.233	ug/l #	73
30) Chloroform	7.959	83	2126	0.737	ug/l #	64
31) Cyclohexane	8.230	56	4860	1.637	ug/l #	62
32) 1,1,1-Trichloroethane	8.177	97	1115m	0.476	ug/l	
36) 1,1-Dichloropropene	8.377	75	1110	0.465	ug/l #	54
37) Ethyl Acetate	7.559	43	1698m	0.690	ug/l	
38) Carbon Tetrachloride	8.365	117	906	0.471	ug/l #	61
39) Methylcyclohexane	9.612	83	1052	0.443	ug/l #	49
40) Benzene	8.606	78	3423	0.487	ug/l	96
41) Methacrylonitrile	7.794	41	909	0.627	ug/l #	40

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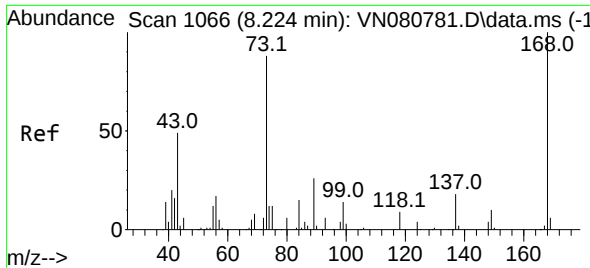
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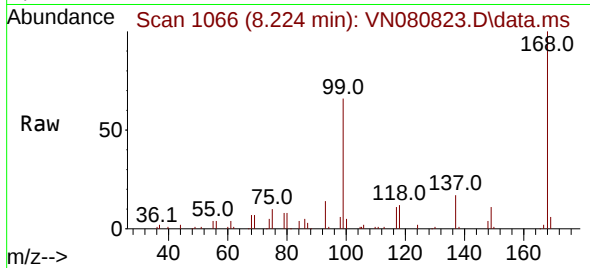
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 1,2-Dichloroethane	8.671	62	1071	0.468	ug/l	93	01/31/2024
43) Isopropyl Acetate	8.688	43	2916	0.651	ug/l #	81	Supervised By :Semsettin Yesilyurt
44) Trichloroethene	9.353	130	940	0.608	ug/l	70	
45) 1,2-Dichloropropane	9.612	63	1142	0.601	ug/l #	82	
46) Dibromomethane	9.706	93	594	0.527	ug/l #	75	
47) Bromodichloromethane	9.888	83	1075	0.470	ug/l #	72	
48) Methyl methacrylate	9.682	41	1500	0.691	ug/l #	82	01/31/2024
49) 1,4-Dioxane	9.659	88	64m	2.447	ug/l		
51) 4-Methyl-2-Pentanone	10.447	43	6443	2.574	ug/l	97	
52) Toluene	10.635	92	1990	0.494	ug/l	96	
53) t-1,3-Dichloropropene	10.841	75	1329	0.499	ug/l #	43	
54) cis-1,3-Dichloropropene	10.324	75	1270	0.438	ug/l #	19	
55) 1,1,2-Trichloroethane	11.018	97	634	0.410	ug/l #	73	
56) Ethyl methacrylate	10.876	69	1013	0.426	ug/l #	84	
57) 1,3-Dichloropropane	11.159	76	1683	0.578	ug/l #	70	
58) 2-Chloroethyl Vinyl ether	10.165	63	2776	2.002	ug/l	95	
59) 2-Hexanone	11.194	43	4749	2.442	ug/l	100	
60) Dibromochloromethane	11.365	129	466	0.324	ug/l	96	
61) 1,2-Dibromoethane	11.465	107	604	0.417	ug/l	89	
64) Tetrachloroethene	11.106	164	670	0.588	ug/l #	86	
65) Chlorobenzene	11.894	112	1766	0.467	ug/l	93	
66) 1,1,1,2-Tetrachloroethane	11.953	131	796	0.647	ug/l #	45	
67) Ethyl Benzene	11.965	91	3285	0.467	ug/l	91	
68) m/p-Xylenes	12.076	106	1934	0.775	ug/l	74	
69) o-Xylene	12.400	106	950	0.383	ug/l	86	
70) Styrene	12.418	104	1573	0.395	ug/l #	84	
71) Bromoform	12.588	173	238	0.286	ug/l #	79	
73) Isopropylbenzene	12.700	105	2601	0.467	ug/l	99	
74) N-amyl acetate	12.494	43	1497	0.433	ug/l #	74	
75) 1,1,2,2-Tetrachloroethane	12.953	83	1215	0.620	ug/l #	25	
76) 1,2,3-Trichloropropane	12.994	75	1496m	0.816	ug/l		
77) Bromobenzene	12.994	156	364	0.306	ug/l #	1	
78) n-propylbenzene	13.035	91	3299	0.496	ug/l	79	
79) 2-Chlorotoluene	13.123	91	2057	0.487	ug/l	99	
80) 1,3,5-Trimethylbenzene	13.176	105	2306	0.520	ug/l	89	
82) 4-Chlorotoluene	13.223	91	2048	0.489	ug/l	99	
83) tert-Butylbenzene	13.435	119	1652	0.466	ug/l	84	
84) 1,2,4-Trimethylbenzene	13.488	105	1670	0.372	ug/l	73	
85) sec-Butylbenzene	13.612	105	2455	0.470	ug/l	97	
86) p-Isopropyltoluene	13.741	119	1808	0.446	ug/l #	73	
87) 1,3-Dichlorobenzene	13.729	146	1026	0.482	ug/l	95	
88) 1,4-Dichlorobenzene	13.812	146	1025m	0.480	ug/l		
89) n-Butylbenzene	14.064	91	1889	0.476	ug/l	81	
91) 1,2-Dichlorobenzene	14.106	146	1232	0.632	ug/l #	75	
92) 1,2-Dibromo-3-Chloropr...	14.729	75	112	0.306	ug/l #	46	
93) 1,2,4-Trichlorobenzene	15.400	180	691	0.689	ug/l #	81	
94) Hexachlorobutadiene	15.500	225	203	0.463	ug/l #	17	
95) Naphthalene	15.635	128	1683	0.439	ug/l #	75	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

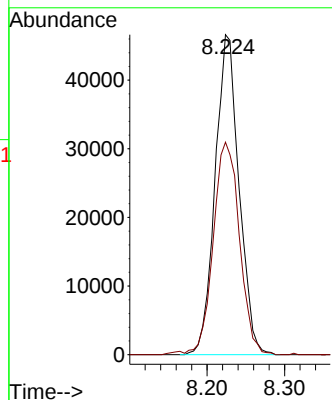
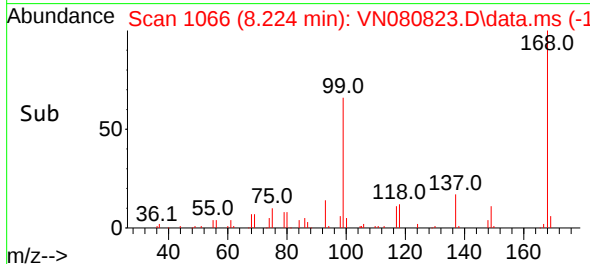
Instrument : MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:168 Resp: 100079
Ion Ratio Lower Upper
168 100
99 66.4 59.9 89.9

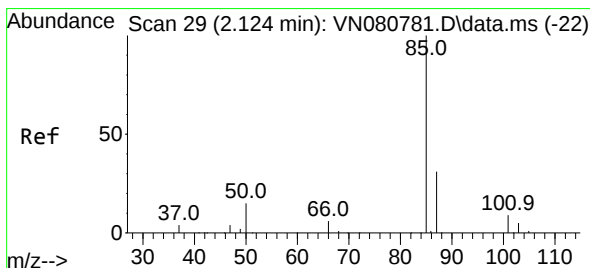
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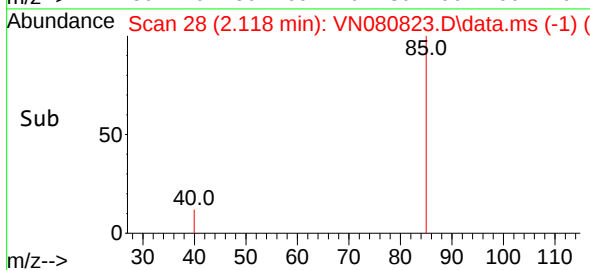
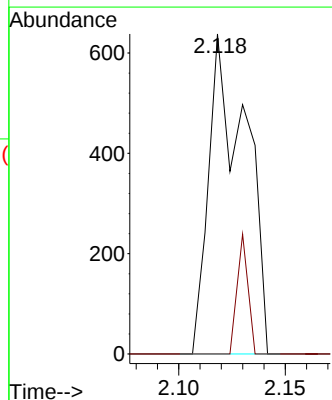
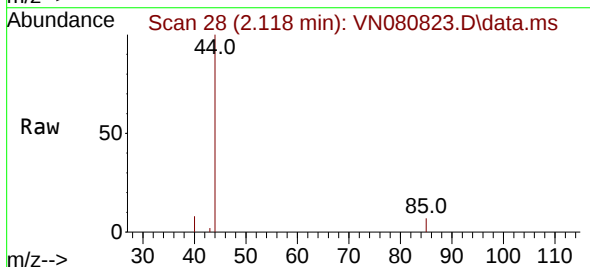
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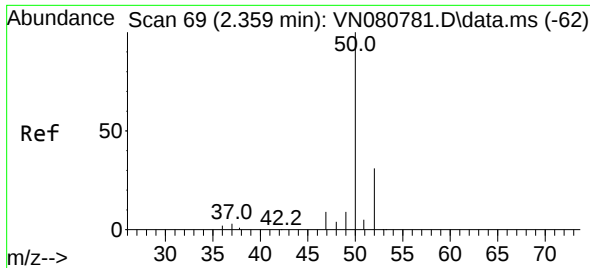
01/31/2024



#2
Dichlorodifluoromethane
Concen: 0.512 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 85 Resp: 761
Ion Ratio Lower Upper
85 100
87 0.0 15.3 45.9#





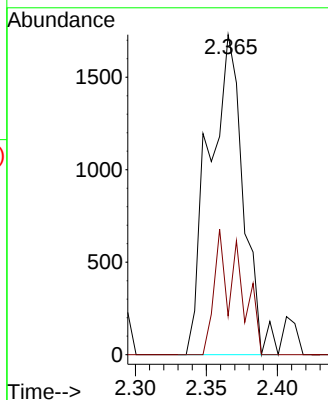
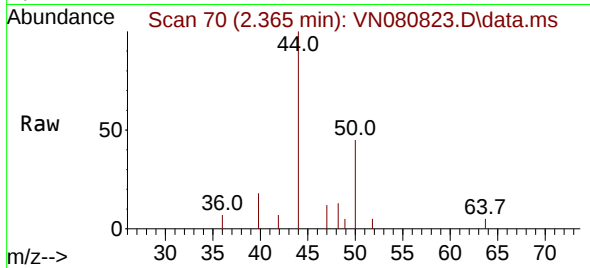
#3
Chloromethane
Concen: 1.302 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

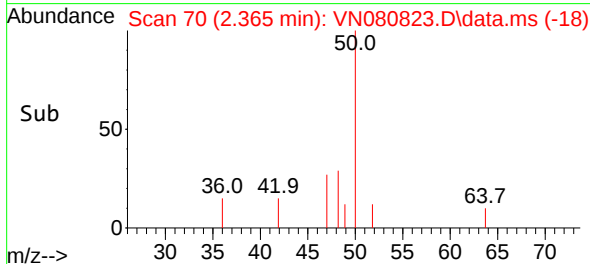
Tgt Ion: 50 Resp: 2909
Ion Ratio Lower Upper
50 100
52 12.1 25.0 37.4

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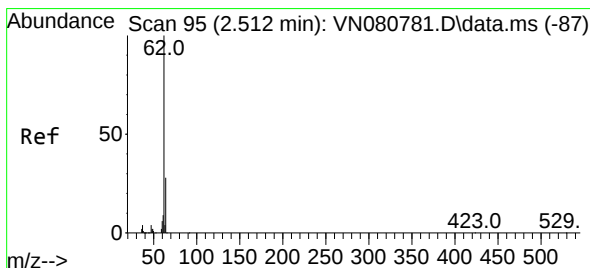
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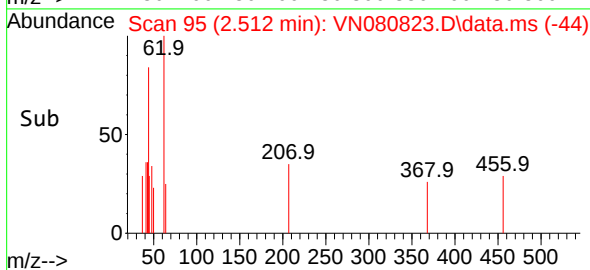
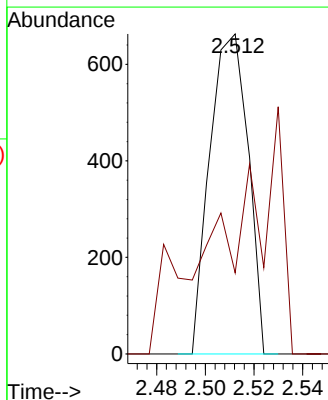
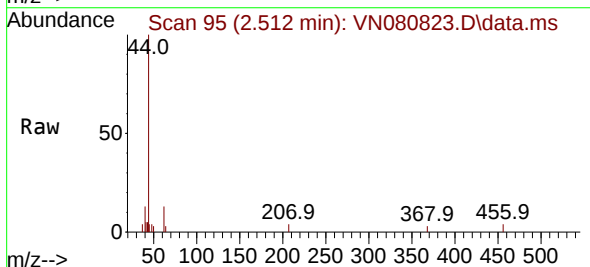


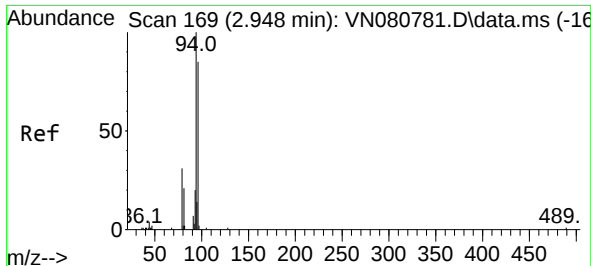
01/31/2024



#4
Vinyl Chloride
Concen: 0.427 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

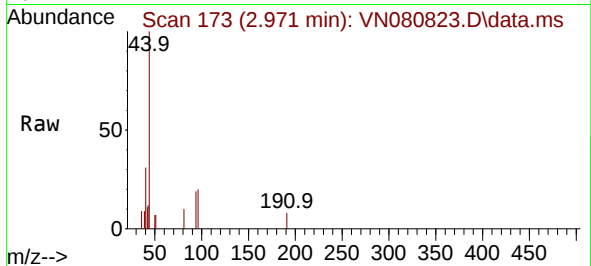
Tgt Ion: 62 Resp: 725
Ion Ratio Lower Upper
62 100
64 1.7 22.7 34.1





#5
Bromomethane
Concen: 1.058 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

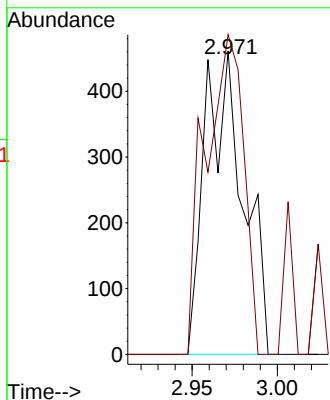
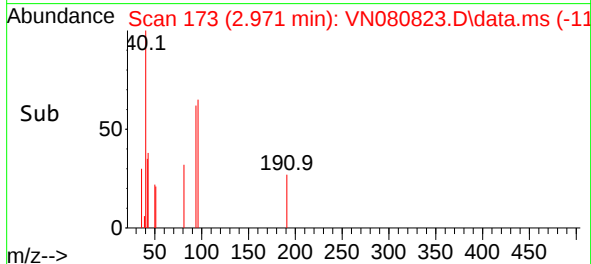
Instrument :
MSVOA_N
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MDL-WATER-03-QT1-2024



Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 105.4 69.2 103.8

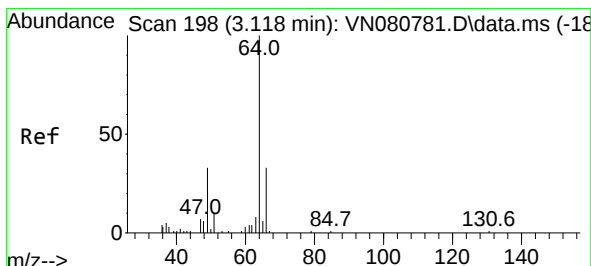
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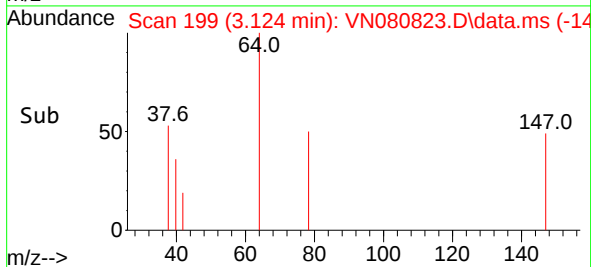
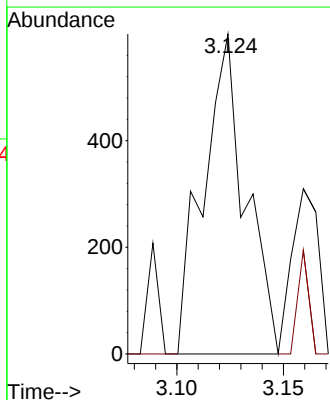
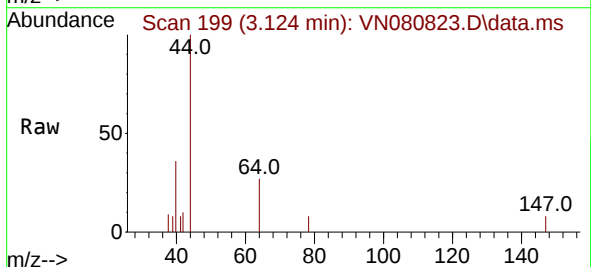
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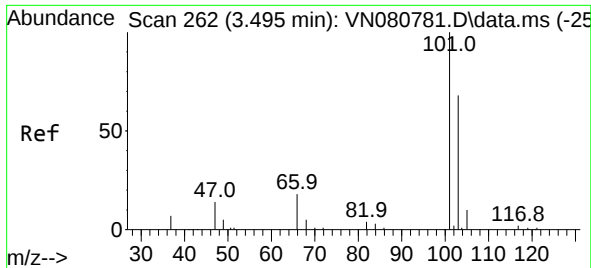
01/31/2024



#6
Chloroethane
Concen: 0.913 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6





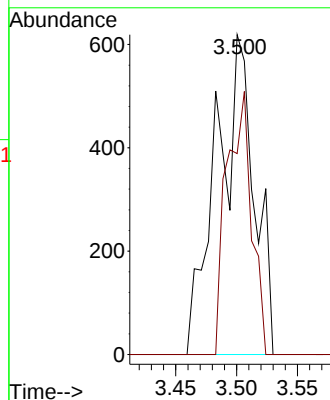
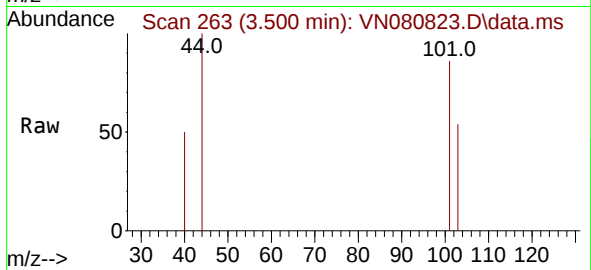
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 Trichlorofluoromethane
 Concen: 0.605 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 1330
 Ion Ratio Lower Upper
 101 100
 103 62.8 54.4 81.6

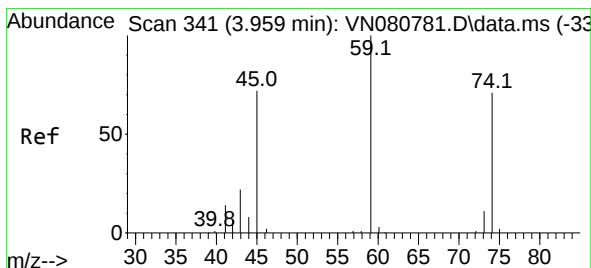
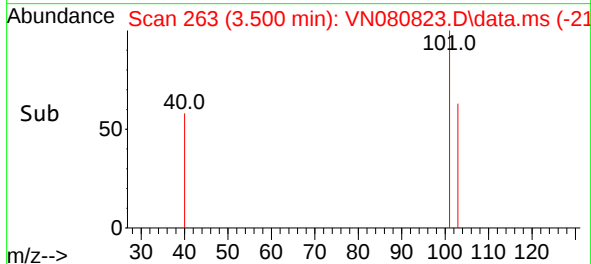
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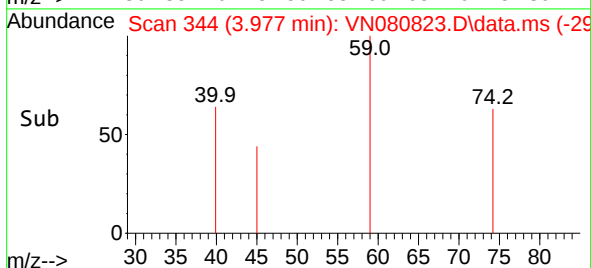
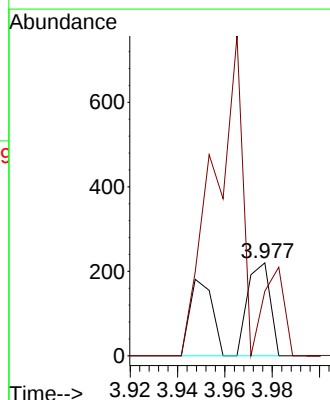
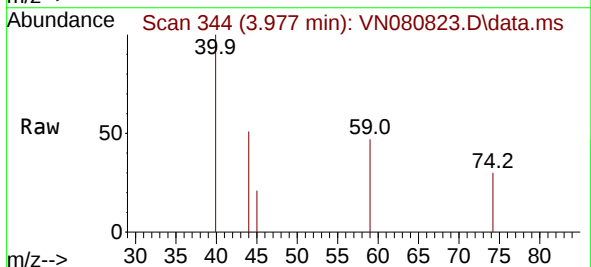
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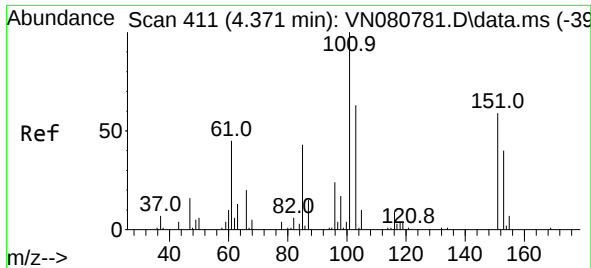
01/31/2024



#8
 Diethyl Ether
 Concen: 0.260 ug/l m
 RT: 3.977 min Scan# 344
 Delta R.T. 0.018 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Tgt Ion: 74 Resp: 264
 Ion Ratio Lower Upper
 74 100
 45 0.0 53.3 159.9#





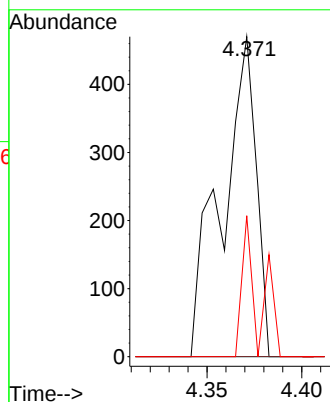
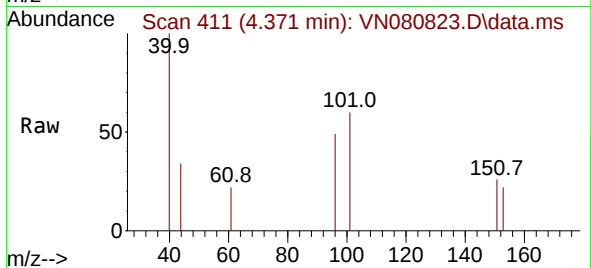
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.462 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:101 Resp: 592
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1
151 21.3 49.1 73.7

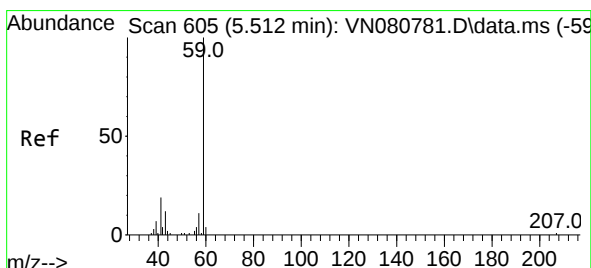
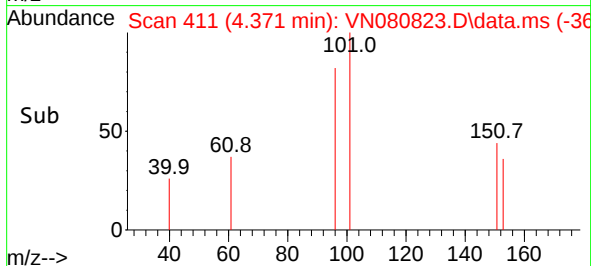
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Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



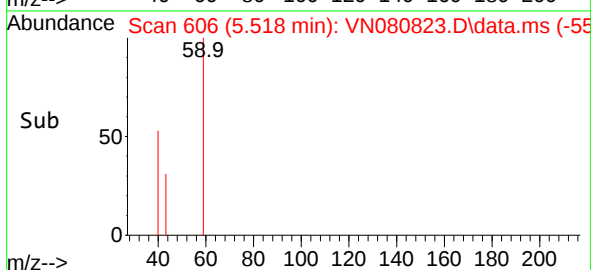
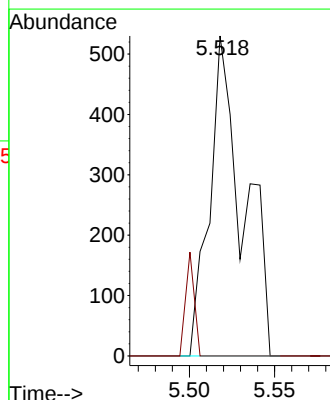
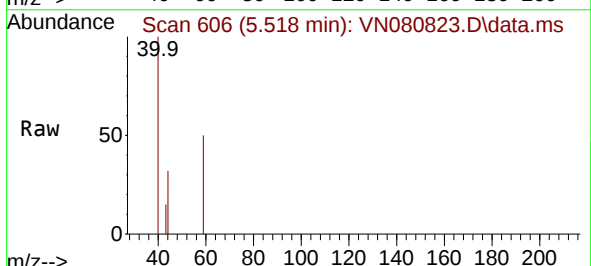
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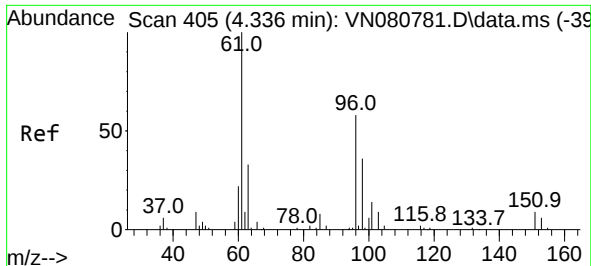
01/31/2024



#11
Tert butyl alcohol
Concen: 2.565 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 59 Resp: 724
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8#





#12

1,1-Dichloroethene

Concen: 0.280 ug/l m

RT: 4.330 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

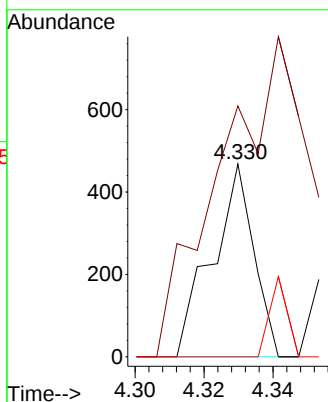
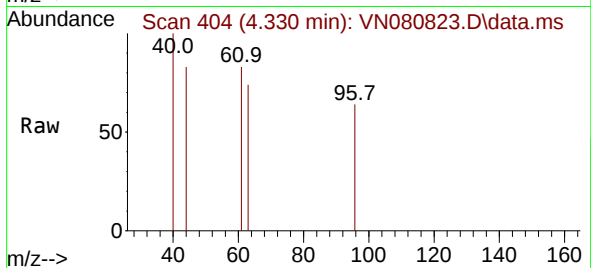
Tgt Ion: 96 Resp: 391
 Ion Ratio Lower Upper
 96 100
 61 130.1 138.2 207.4
 98 0.0 49.2 73.8

Manual Integrations

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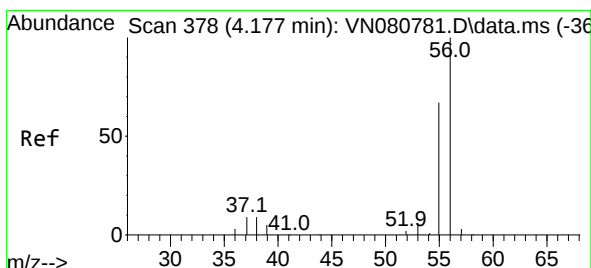
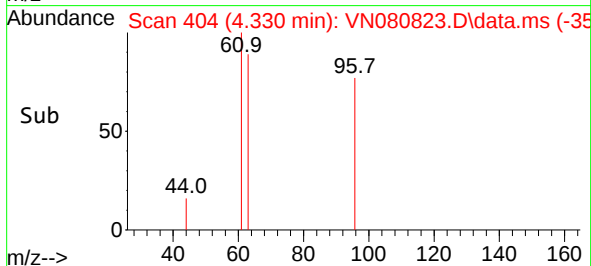
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 Yesilyurt

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#13

Acrolein

Concen: 3.037 ug/l m

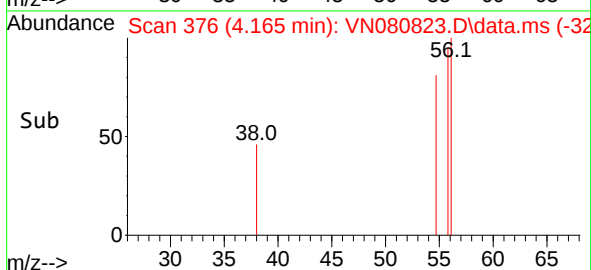
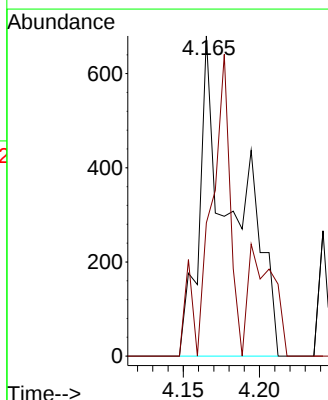
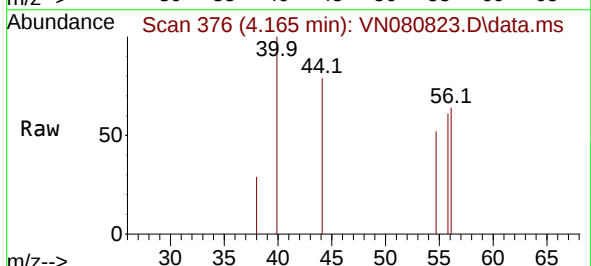
RT: 4.165 min Scan# 376

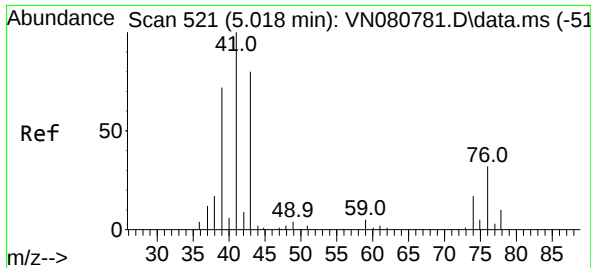
Delta R.T. -0.012 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 56 Resp: 1081
 Ion Ratio Lower Upper
 56 100
 55 54.4 55.3 82.9





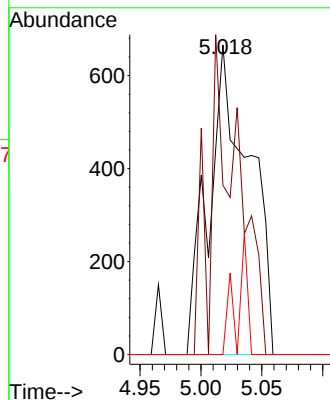
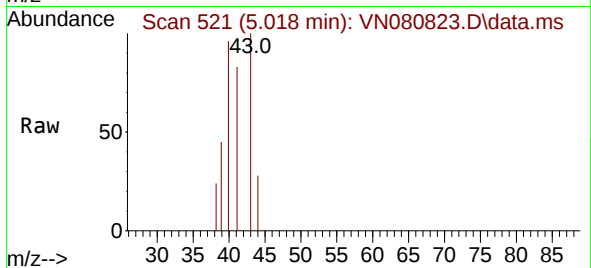
#14
Allyl chloride
Concen: 0.557 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 41 Resp: 154
Ion Ratio Lower Upper
41 100
39 42.9 57.7 86.5
76 4.0 26.8 40.2

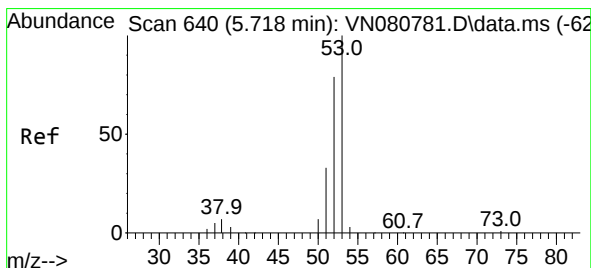
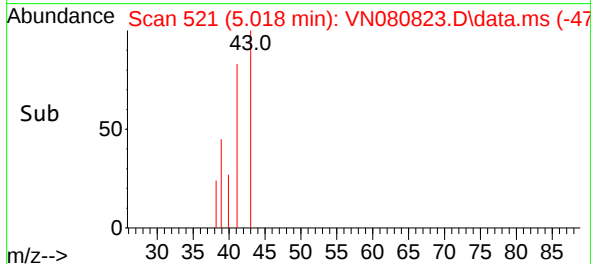
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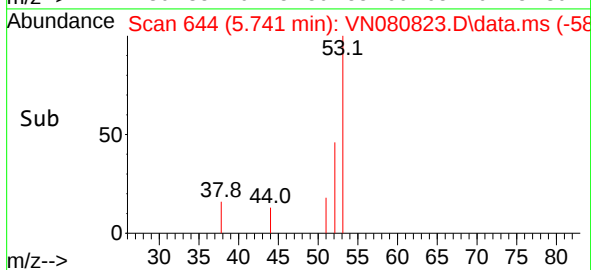
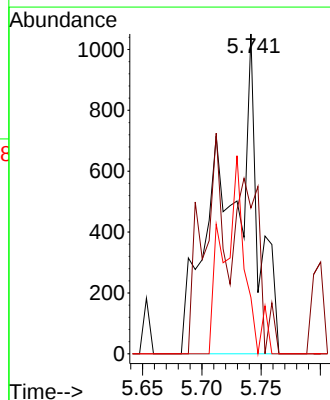
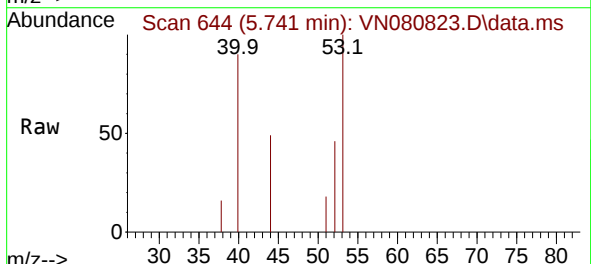
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Yesilyurt

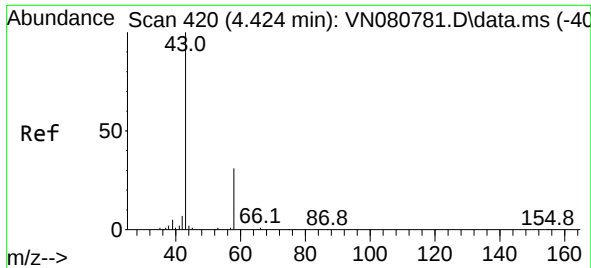
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#15
Acrylonitrile
Concen: 2.449 ug/l m
RT: 5.741 min Scan# 644
Delta R.T. 0.024 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

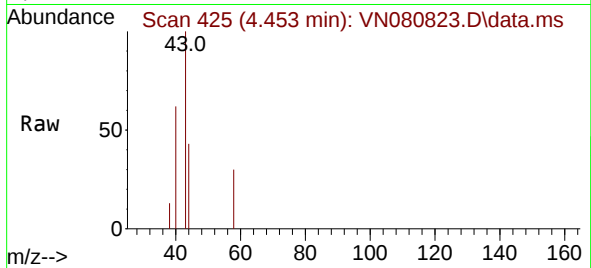
Tgt Ion: 53 Resp: 2079
Ion Ratio Lower Upper
53 100
52 42.1 64.8 97.2#
51 0.0 26.9 40.3#





#16
Acetone
Concen: 4.638 ug/l m
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

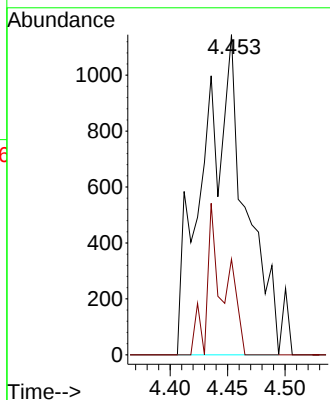
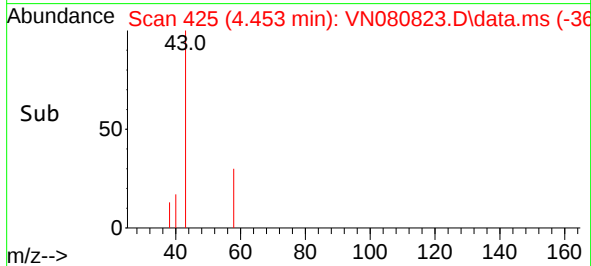
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2

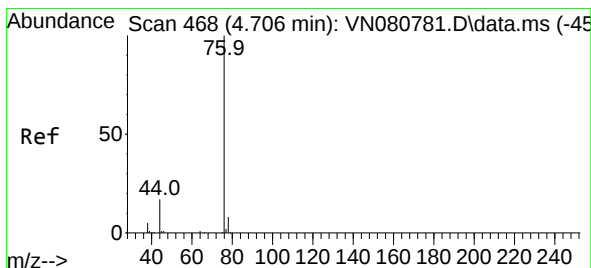
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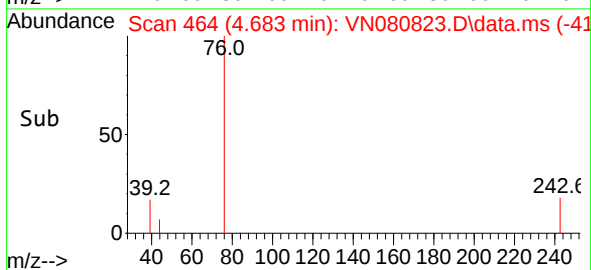
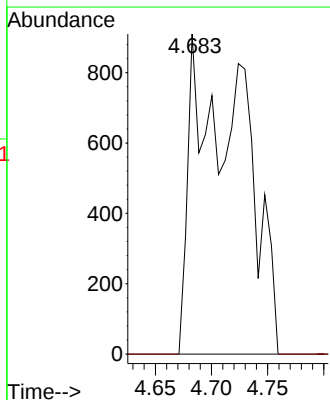
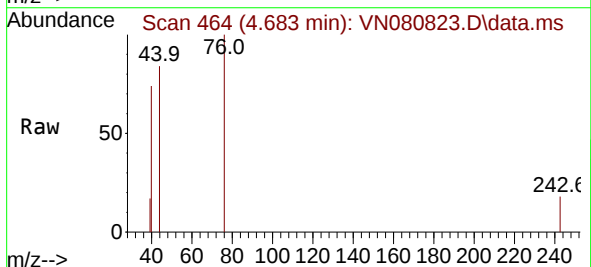
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Yesilyurt

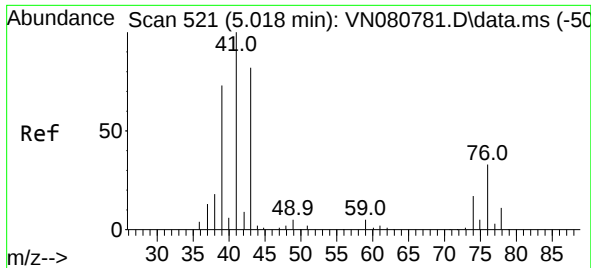
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#17
Carbon Disulfide
Concen: 0.654 ug/l m
RT: 4.683 min Scan# 464
Delta R.T. -0.024 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

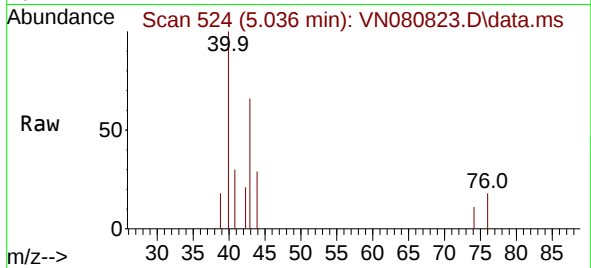
Tgt Ion: 76 Resp: 2859
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#





#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

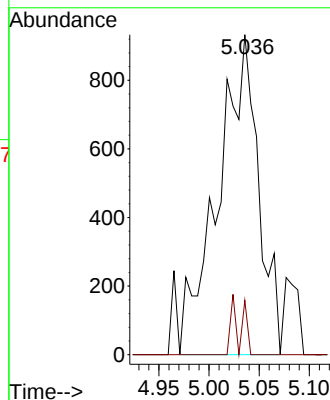
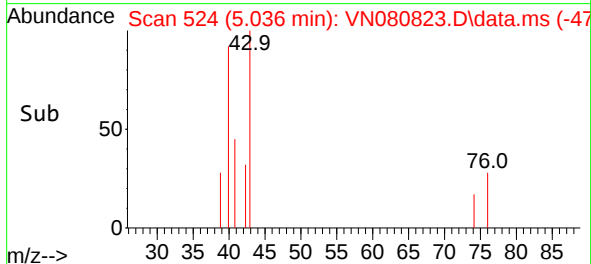
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 2624
Ion Ratio Lower Upper
43 100
74 4.5 17.3 25.9

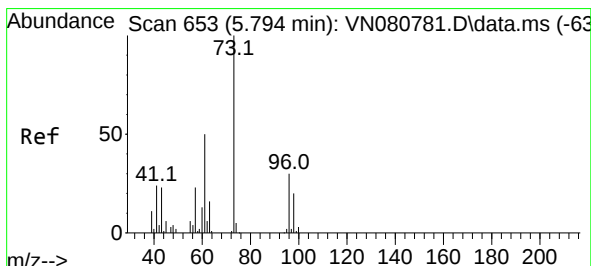
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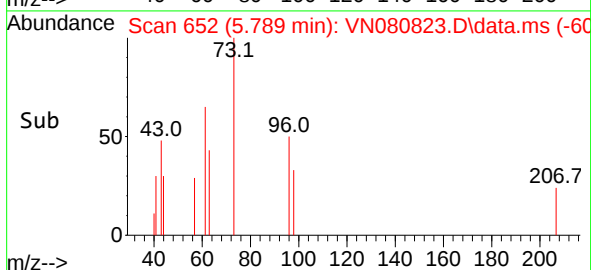
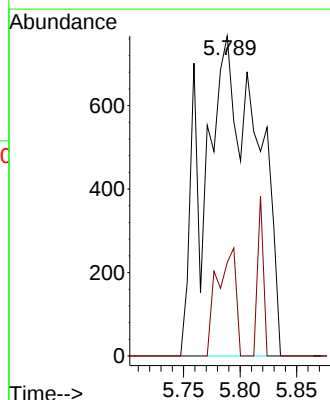
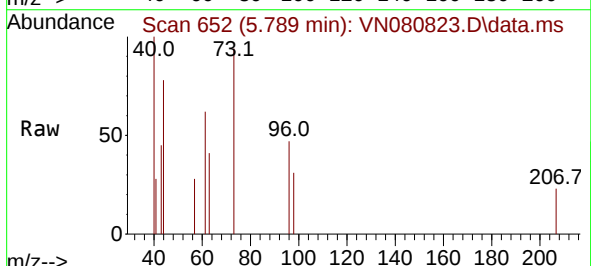
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Supervised By :Semsettin
Yesilyurt

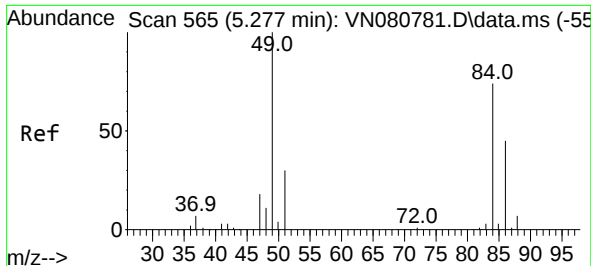
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#19
Methyl tert-butyl Ether
Concen: 0.508 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

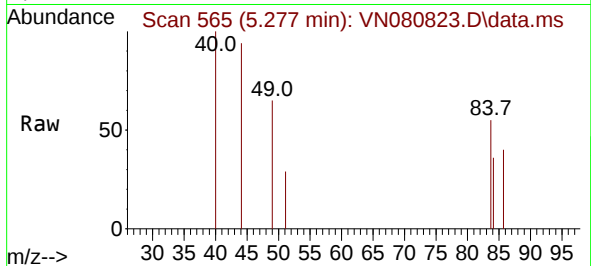
Tgt Ion: 73 Resp: 2514
Ion Ratio Lower Upper
73 100
57 29.2 18.2 27.4





#20
Methylene Chloride
Concen: 0.825 ug/l m
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

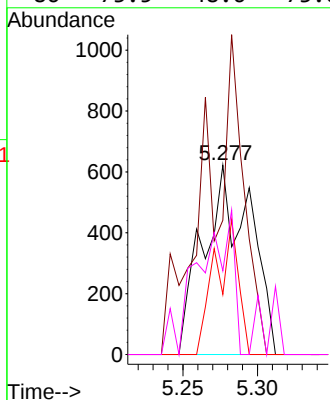
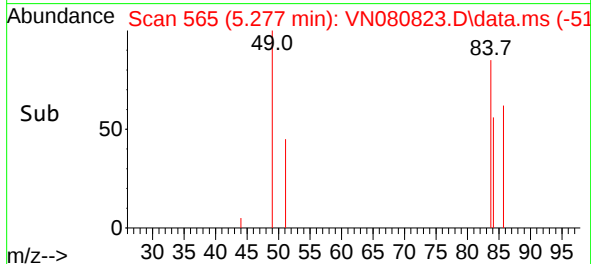
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 84 Resp: 1360
Ion Ratio Lower Upper
84 100
49 117.9 108.1 162.1
51 52.9 32.9 49.3
86 73.5 48.6 73.0#

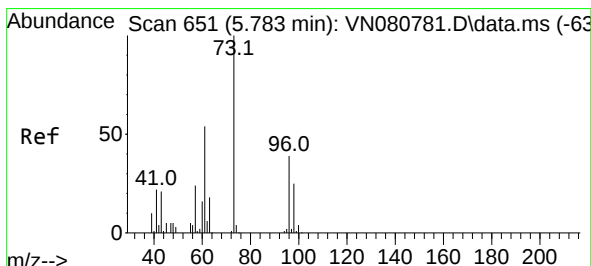
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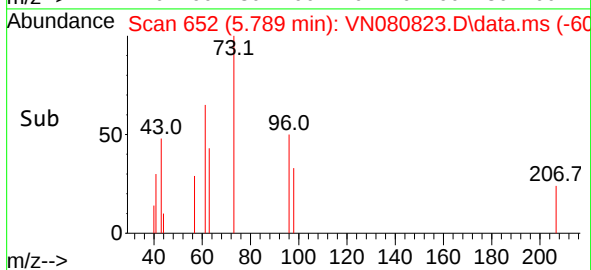
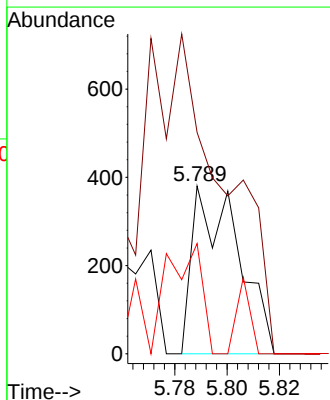
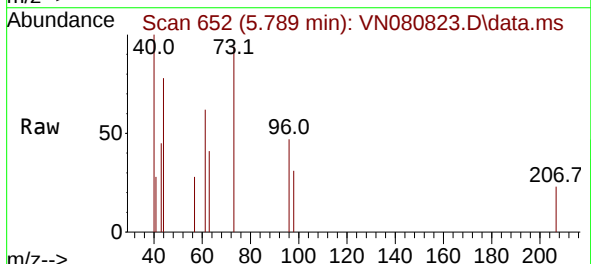
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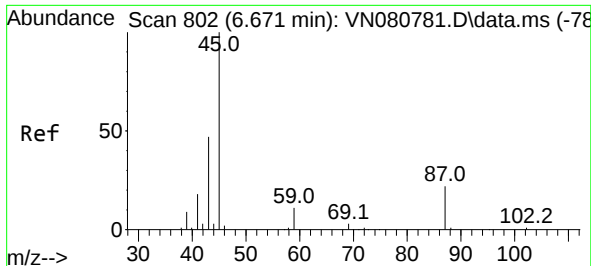
01/31/2024



#21
trans-1,2-Dichloroethene
Concen: 0.303 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

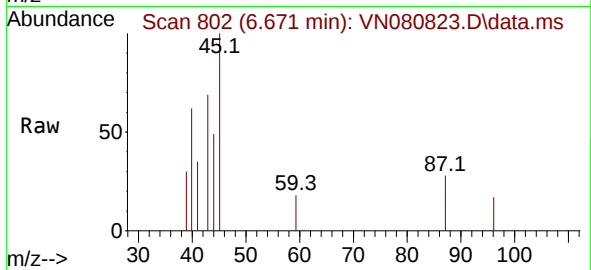
Tgt Ion: 96 Resp: 463
Ion Ratio Lower Upper
96 100
61 132.1 112.8 169.2
98 65.8 51.0 76.4





#22
Diisopropyl ether
Concen: 0.580 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

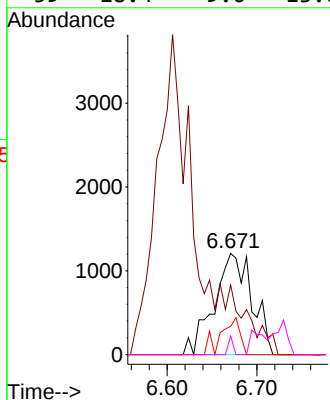
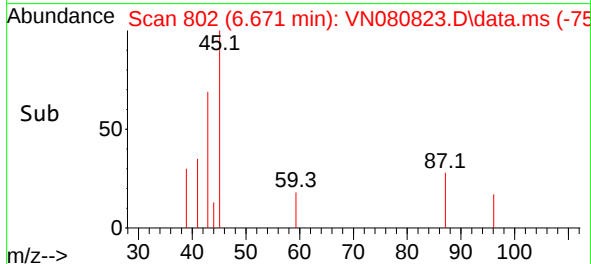
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 45 Resp: 355
Ion Ratio Lower Upper
45 100
43 43.0 41.8 62.8
87 28.0 18.1 27.1
59 18.4 9.0 13.6

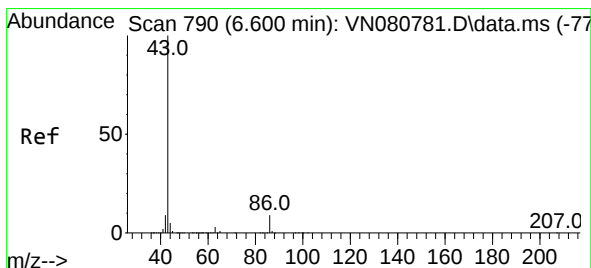
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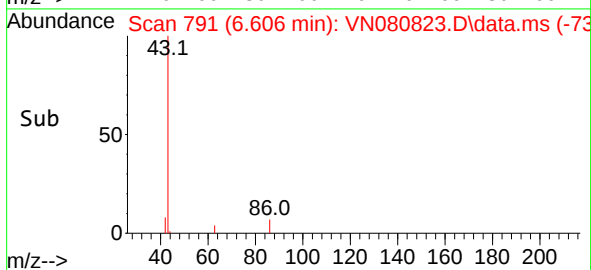
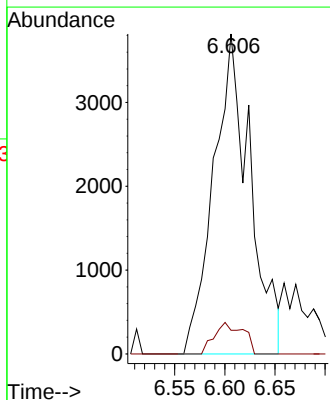
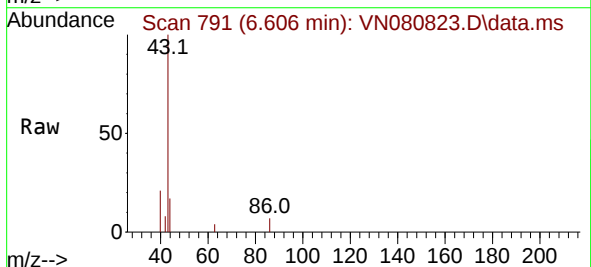
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Yesilyurt

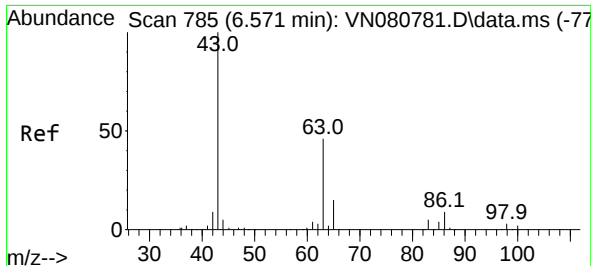
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#23
Vinyl Acetate
Concen: 2.174 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 43 Resp: 9638
Ion Ratio Lower Upper
43 100
86 7.4 7.1 10.7





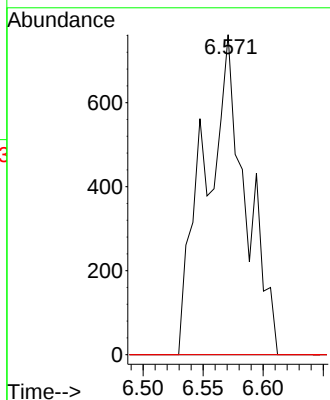
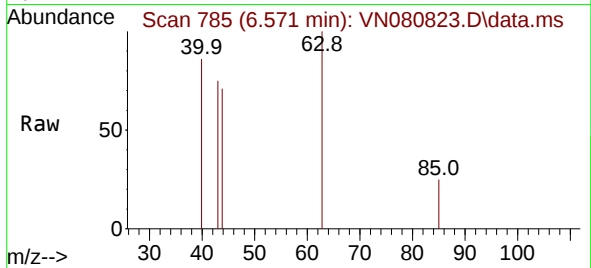
#24
1,1-Dichloroethane
Concen: 0.581 ug/l m
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 1800
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.6
100 0.0 1.9 5.7

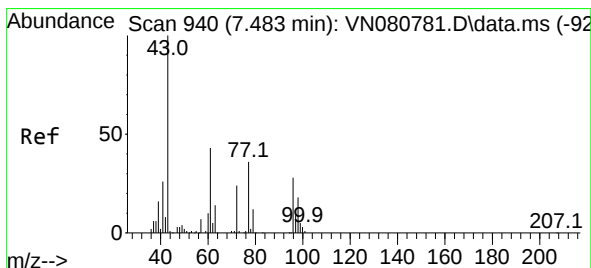
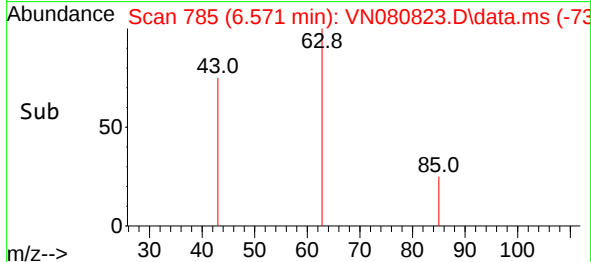
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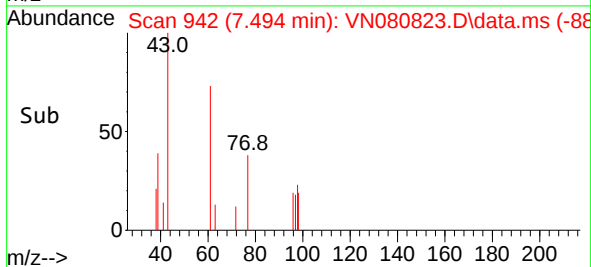
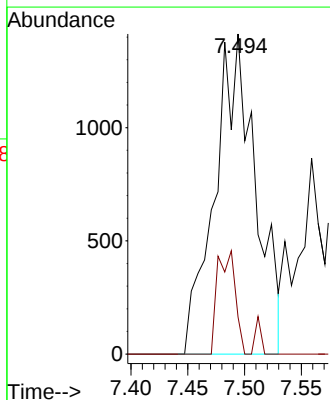
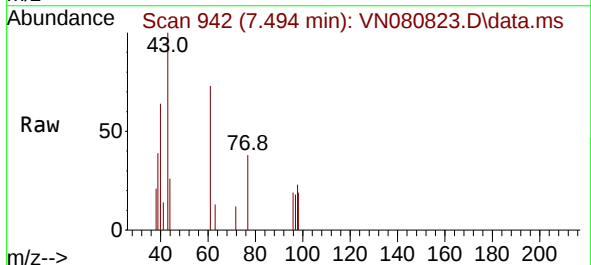
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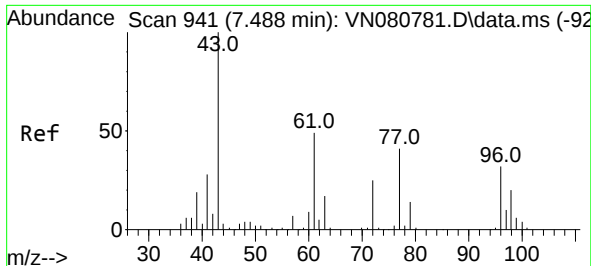
01/31/2024



#25
2-Butanone
Concen: 2.958 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
72 14.3 19.5 29.3#





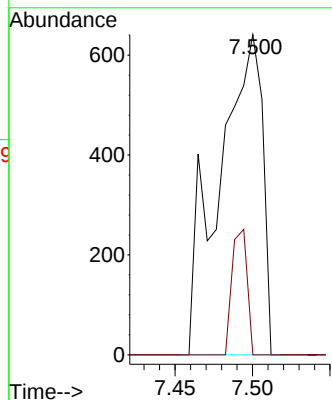
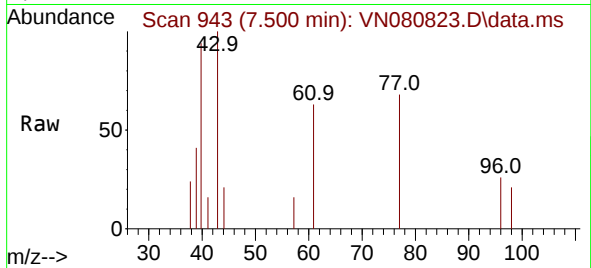
#26
2,2-Dichloropropane
Concen: 0.496 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 77 Resp: 1240
Ion Ratio Lower Upper
77 100
97 13.6 11.5 34.5

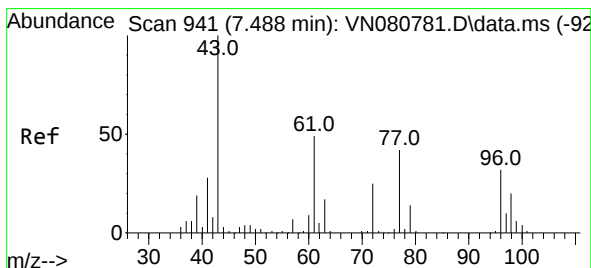
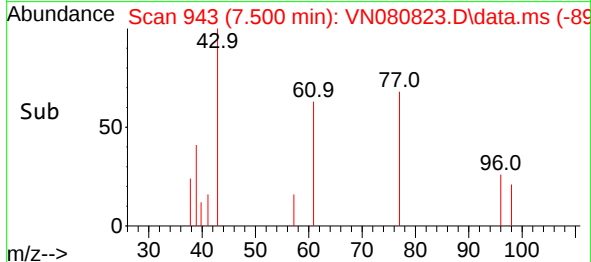
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Supervised By :Semsettin Yesilyurt 01/31/2024



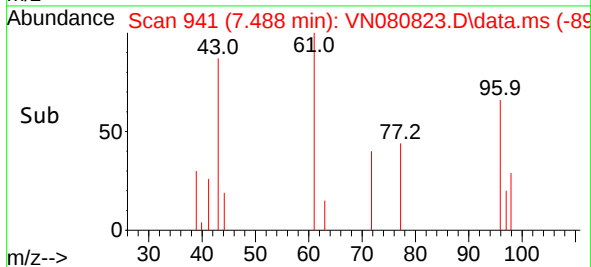
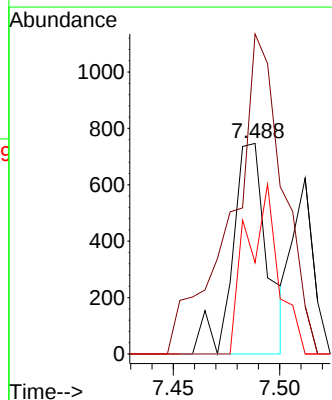
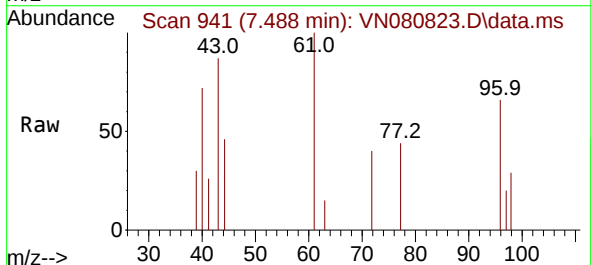
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Yesilyurt

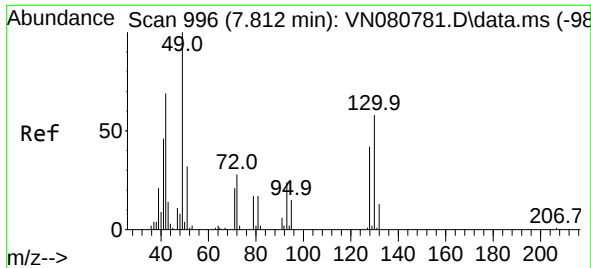
01/31/2024



#27
cis-1,2-Dichloroethene
Concen: 0.480 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

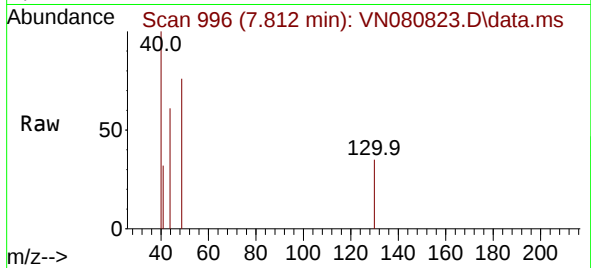
Tgt Ion: 96 Resp: 848
Ion Ratio Lower Upper
96 100
61 225.2 0.0 325.4
98 73.6 0.0 130.4





#28
Bromochloromethane
Concen: 0.315 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

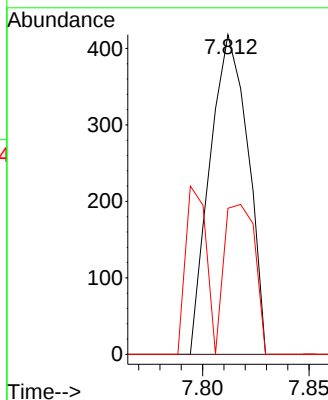
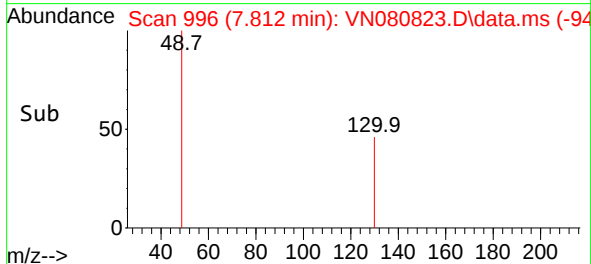
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 49 Resp: 518
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 38.0 42.3 63.5

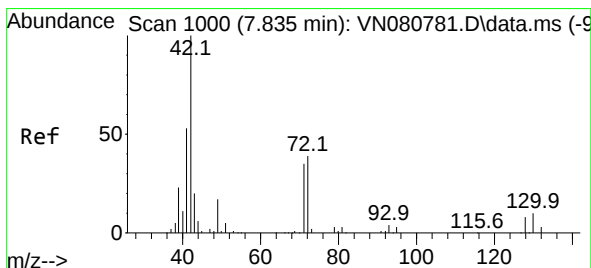
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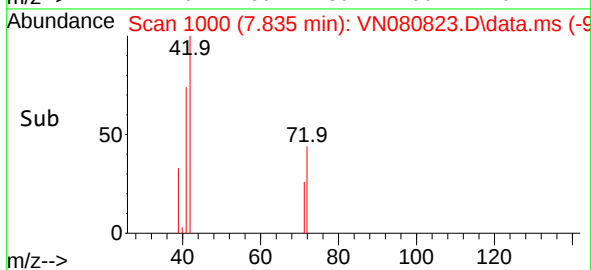
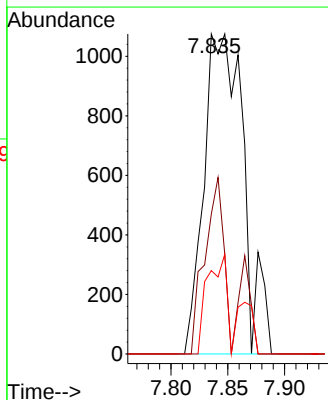
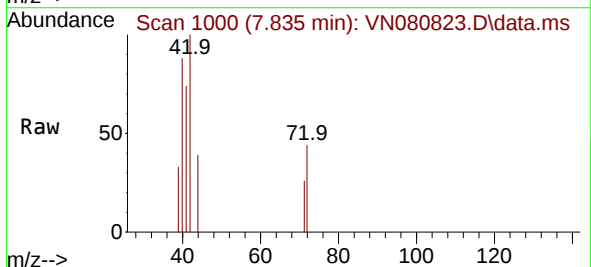
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Yesilyurt

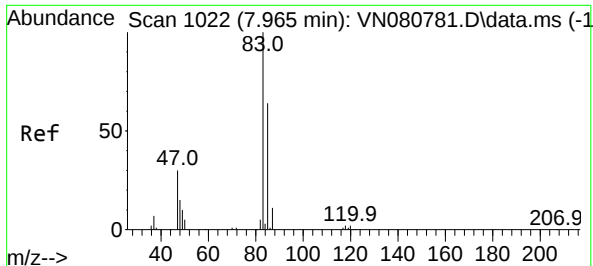
01/31/2024



#29
Tetrahydrofuran
Concen: 3.233 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 42 Resp: 2609
Ion Ratio Lower Upper
42 100
72 26.7 31.1 46.7#
71 15.1 28.3 42.5#





#30

Chloroform

Concen: 0.737 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

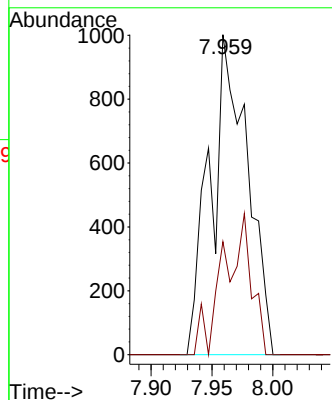
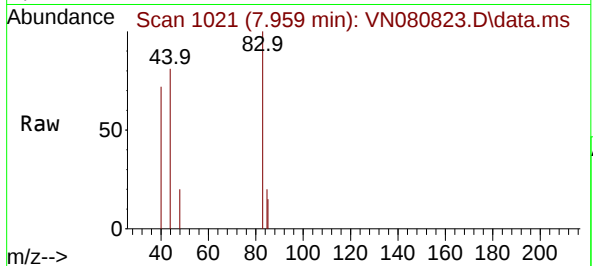
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 2120
 Ion Ratio Lower Upper
 83 100
 85 35.3 51.0 76.6

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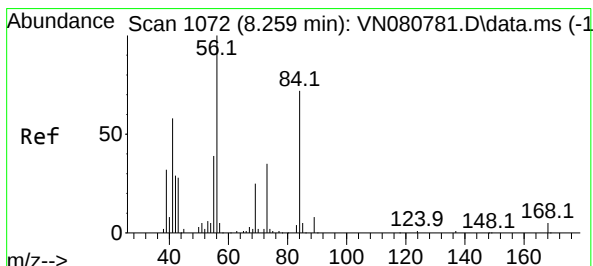
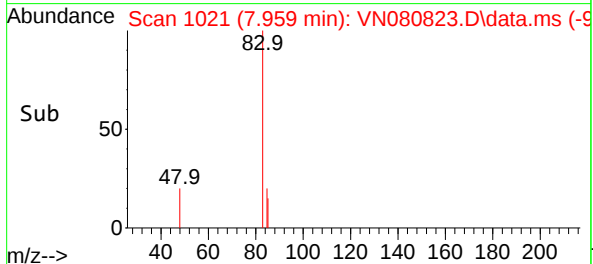
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 Yesilyurt

01/31/2024



#31

Cyclohexane

Concen: 1.637 ug/l

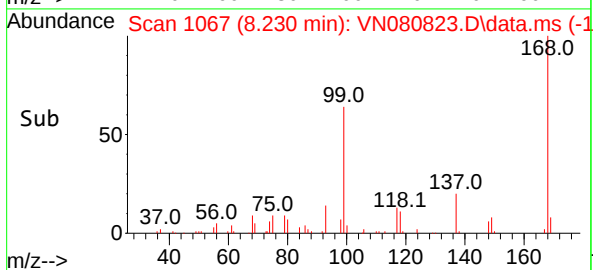
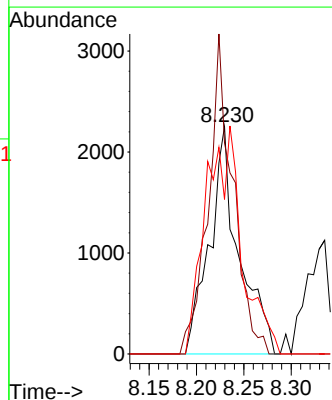
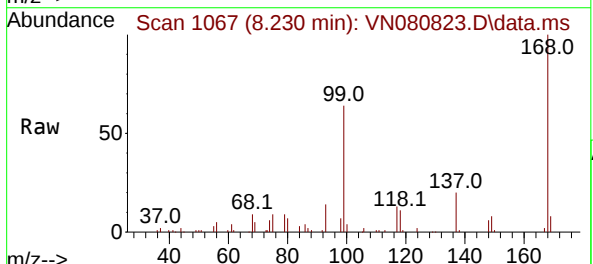
RT: 8.230 min Scan# 1067

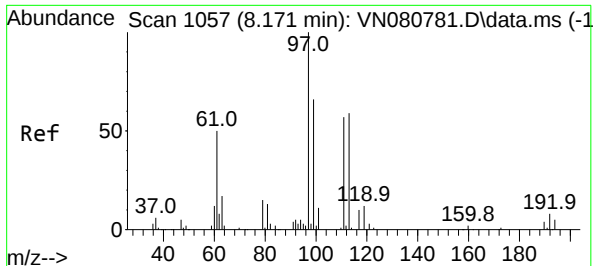
Delta R.T. -0.029 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 56 Resp: 4860
 Ion Ratio Lower Upper
 56 100
 69 92.9 20.1 30.1#
 84 67.9 56.9 85.3





#32

1,1,1-Trichloroethane

Concen: 0.476 ug/l m

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

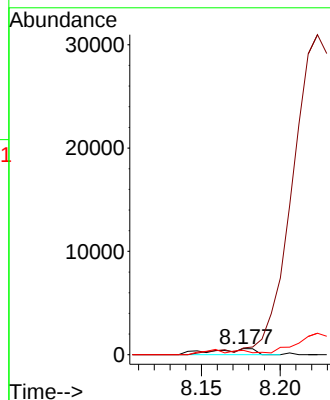
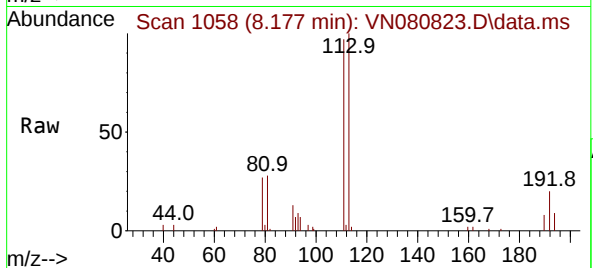
Tgt Ion: 97	Resp: 111
Ion Ratio	Lower Upper
97 100	
99 0.0	53.4 80.0
61 0.0	43.8 65.8

Manual Integrations

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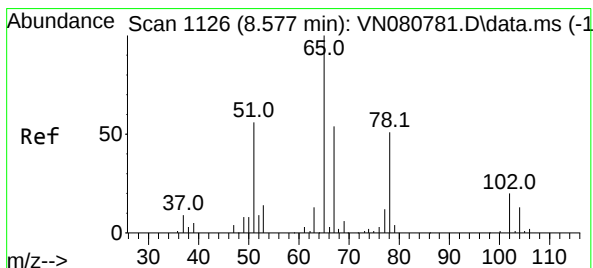
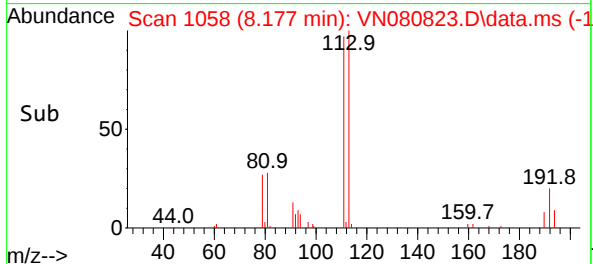
Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



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Yesilyurt

01/31/2024



#33

1,2-Dichloroethane-d4

Concen: 50.509 ug/l

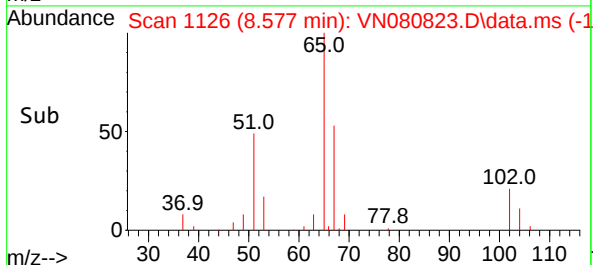
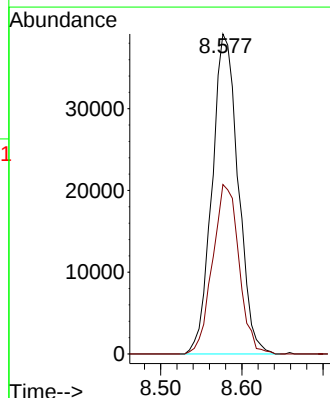
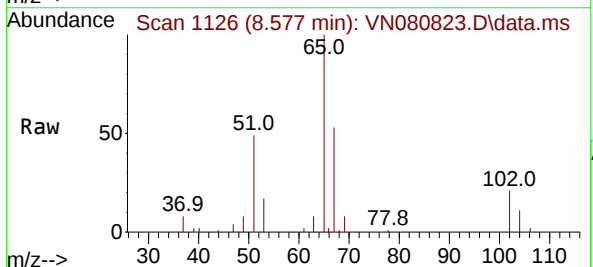
RT: 8.577 min Scan# 1126

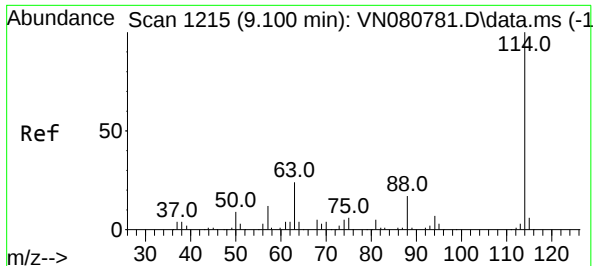
Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 65	Resp: 87448
Ion Ratio	Lower Upper
65 100	
67 53.6	0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:114 Resp: 21011

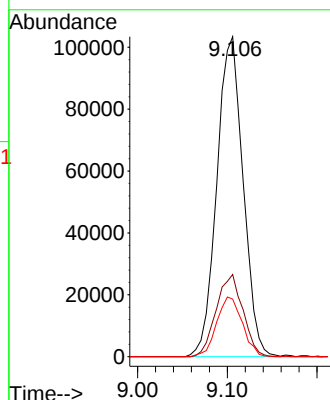
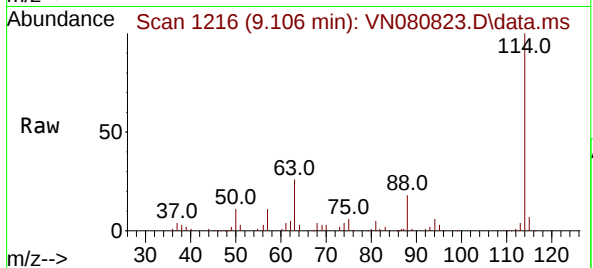
Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	48.0
88	18.0	0.0	34.8

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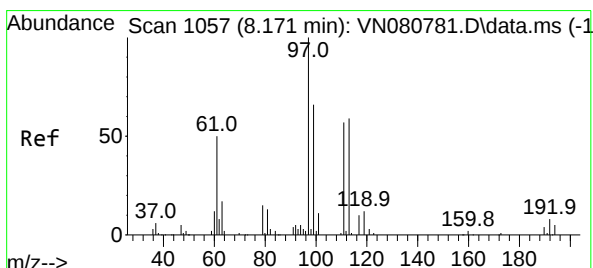
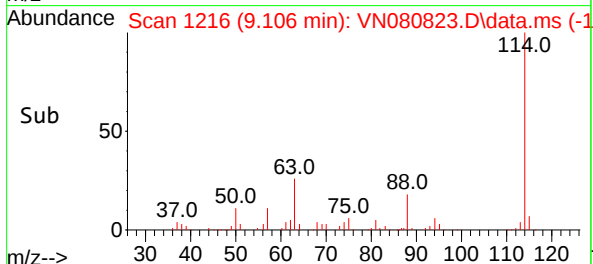
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#35

Dibromofluoromethane

Concen: 47.574 ug/l

RT: 8.165 min Scan# 1056

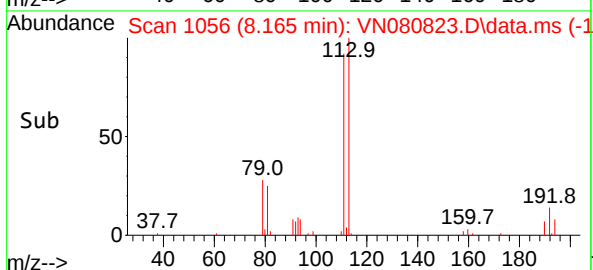
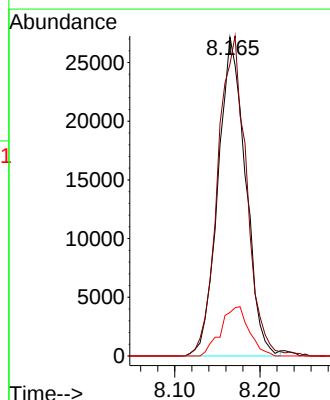
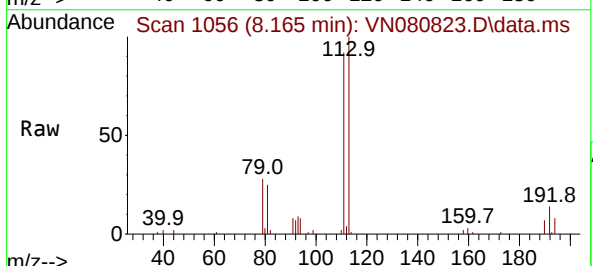
Delta R.T. -0.006 min

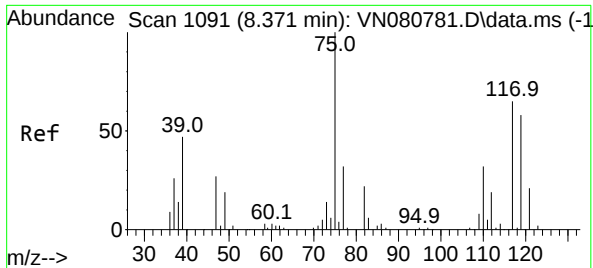
Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion:113 Resp: 61155

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	15.8	12.5	18.7





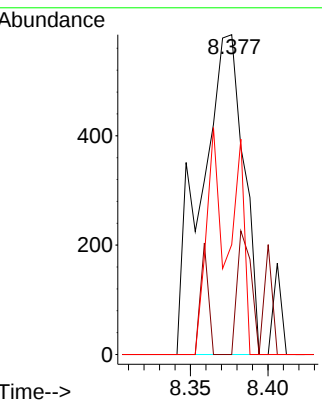
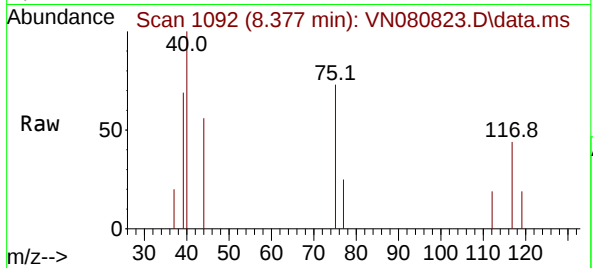
#36
1,1-Dichloropropene
Concen: 0.465 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
110 12.7 16.0 48.0#
77 0.0 25.8 38.6#

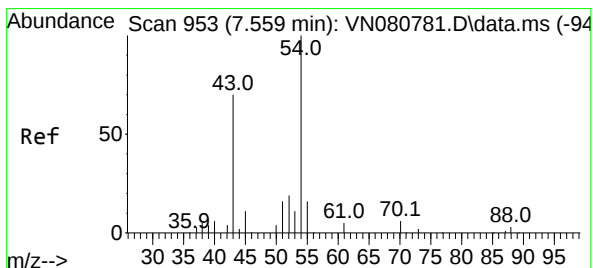
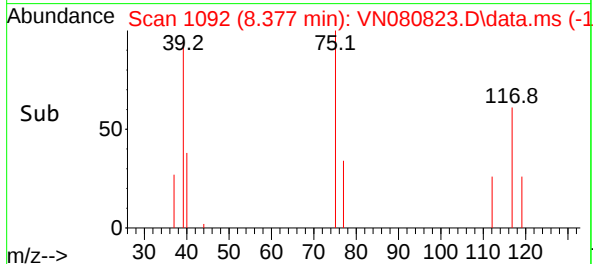
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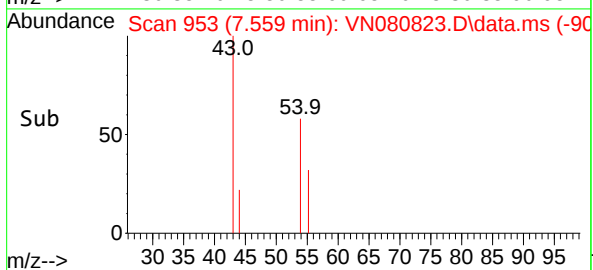
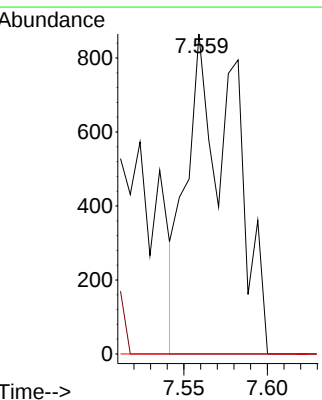
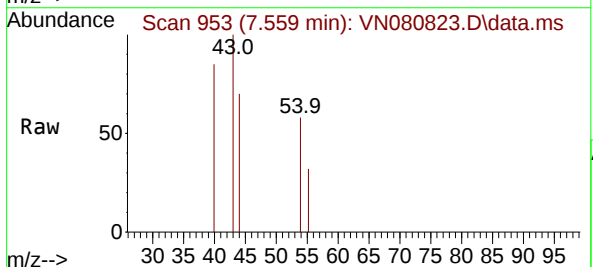
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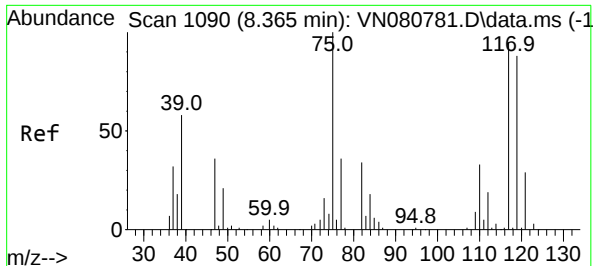
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#37
Ethyl Acetate
Concen: 0.690 ug/l m
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

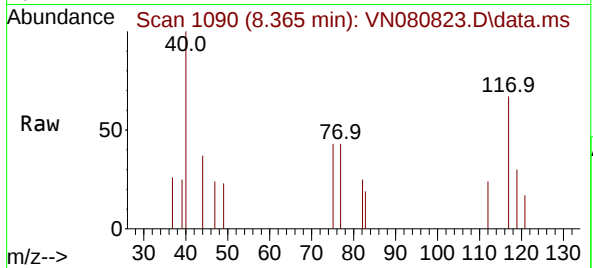
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





#38
Carbon Tetrachloride
Concen: 0.471 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

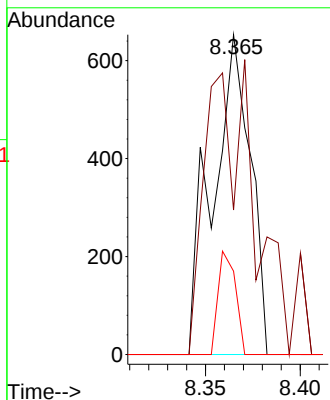
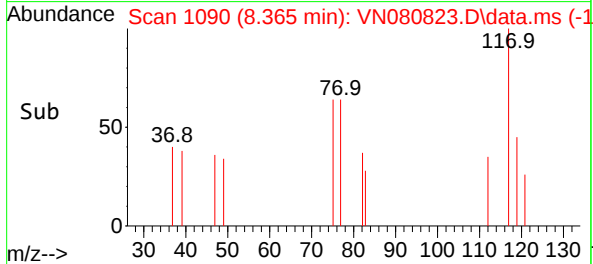
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:117 Resp: 900
Ion Ratio Lower Upper
117 100
119 45.2 73.4 110.2#
121 26.0 24.4 36.6

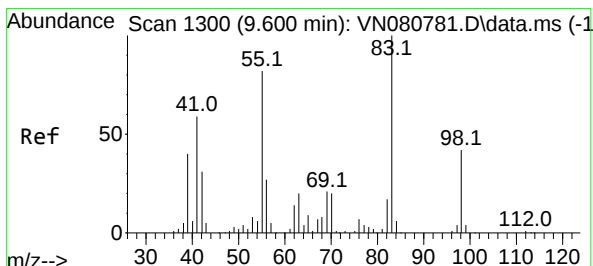
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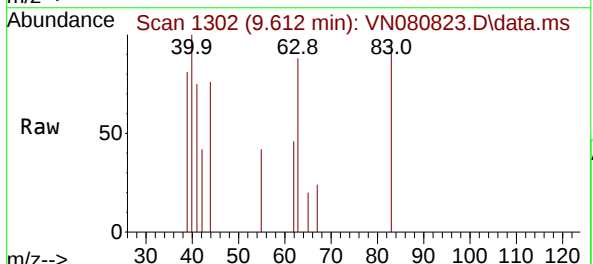


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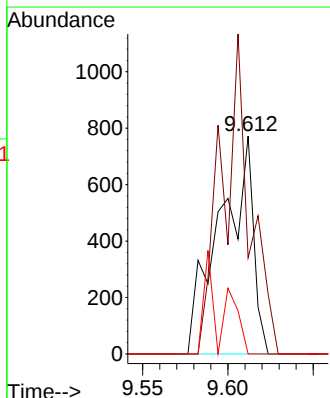
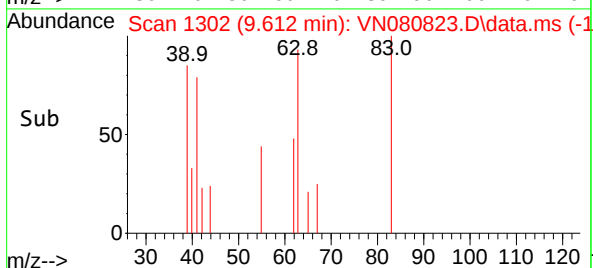
01/31/2024

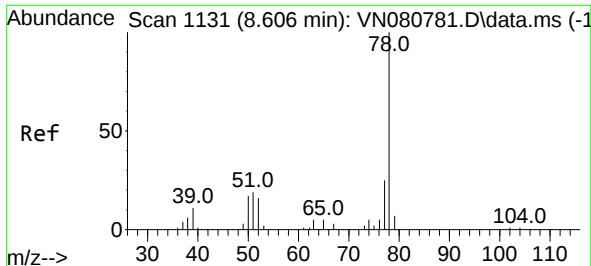


#39
Methylcyclohexane
Concen: 0.443 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



Tgt Ion: 83 Resp: 1052
Ion Ratio Lower Upper
83 100
55 44.2 65.7 98.5#
98 0.0 33.8 50.6#





#40

Benzene

Concen: 0.487 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

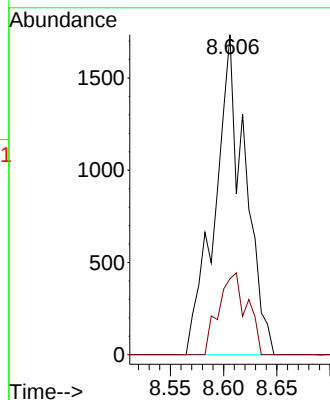
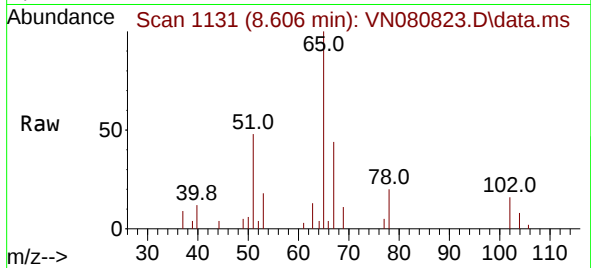
ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 78 Resp: 342
 Ion Ratio Lower Upper
 78 100
 77 23.7 20.4 30.6

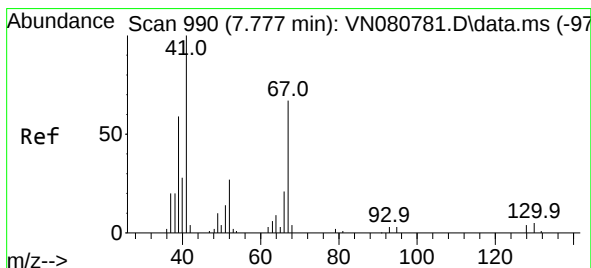
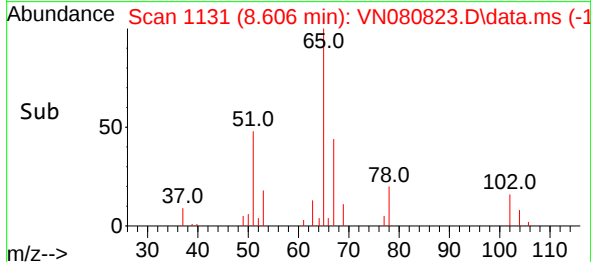
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 Yesilyurt

01/31/2024



#41

Methacrylonitrile

Concen: 0.627 ug/l

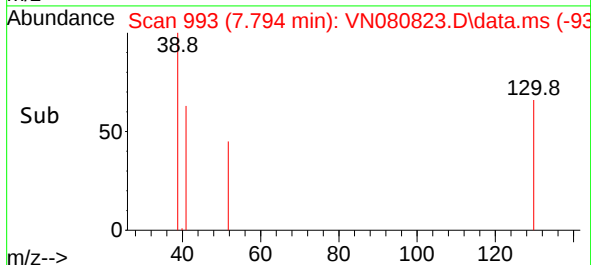
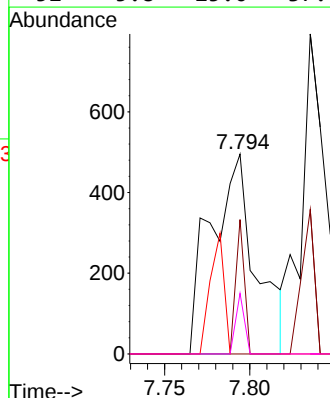
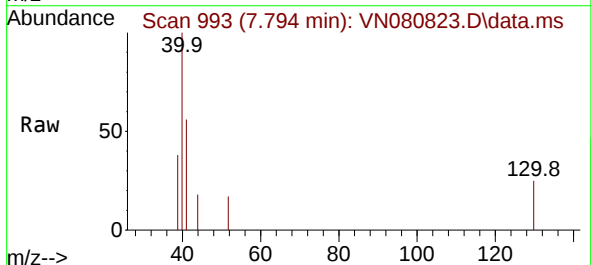
RT: 7.794 min Scan# 993

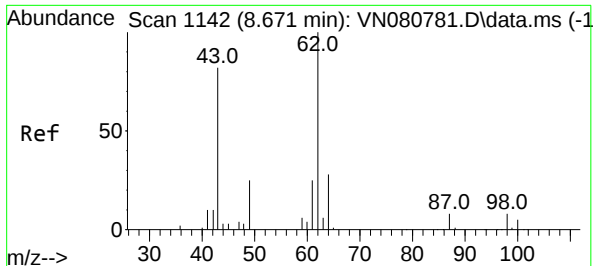
Delta R.T. 0.018 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 41 Resp: 909
 Ion Ratio Lower Upper
 41 100
 39 12.9 48.4 72.6#
 67 18.6 56.8 85.2#
 52 5.8 25.0 37.4#





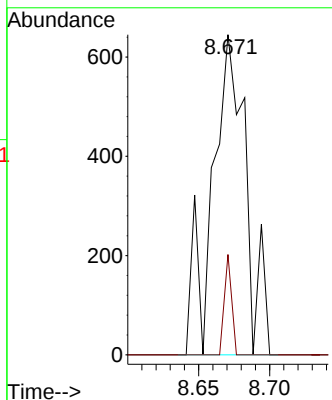
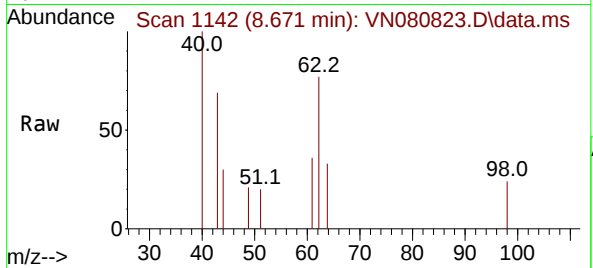
#42
1,2-Dichloroethane
Concen: 0.468 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 62 Resp: 107
Ion Ratio Lower Upper
62 100
98 6.6 0.0 18.0

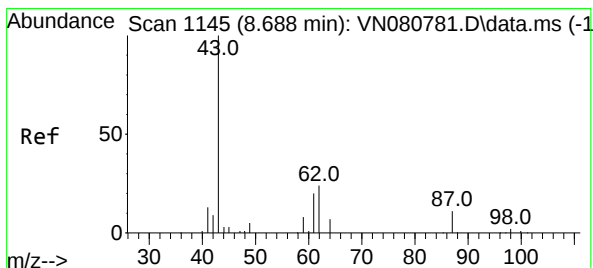
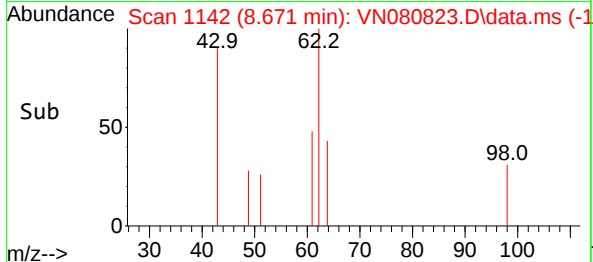
Manual Integrations
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Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



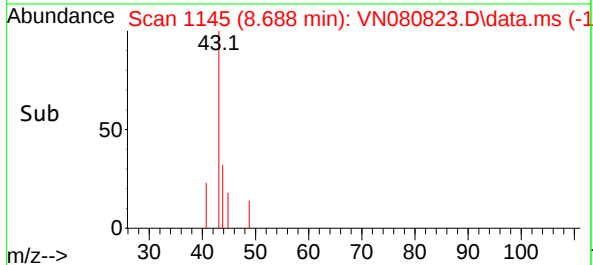
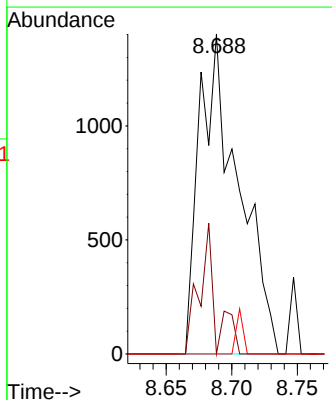
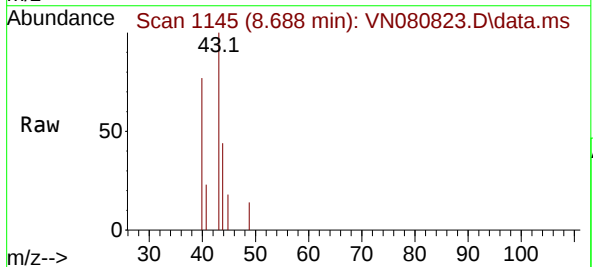
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Yesilyurt

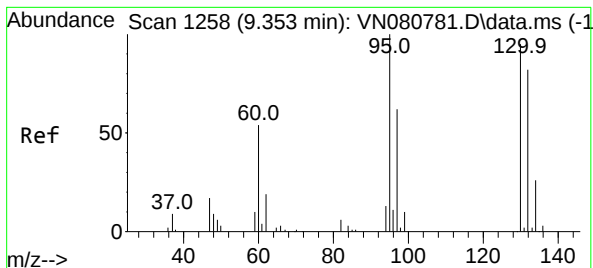
01/31/2024



#43
Isopropyl Acetate
Concen: 0.651 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
61 17.5 19.9 29.9#
87 0.0 9.0 13.6#





#44

Trichloroethene

Concen: 0.608 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

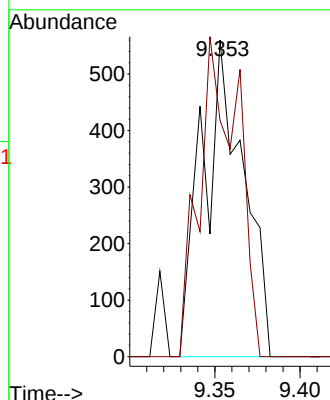
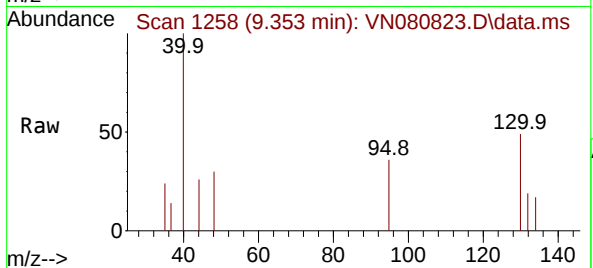
Tgt Ion:130 Resp: 940
 Ion Ratio Lower Upper
 130 100
 95 74.6 0.0 210.4

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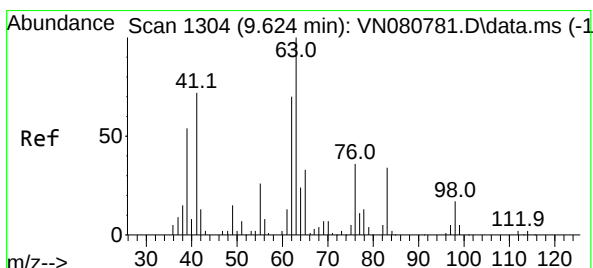
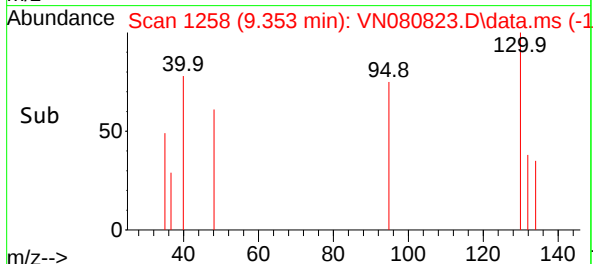
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#45

1,2-Dichloropropane

Concen: 0.601 ug/l

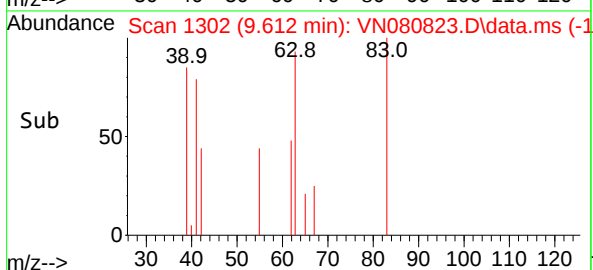
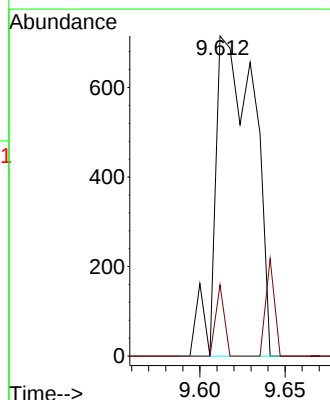
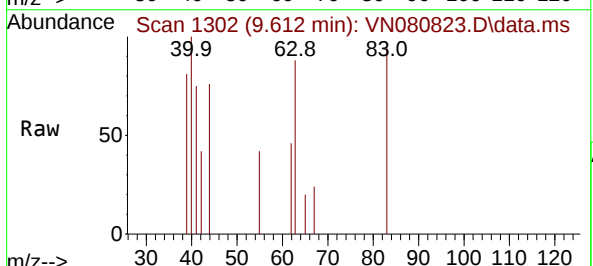
RT: 9.612 min Scan# 1302

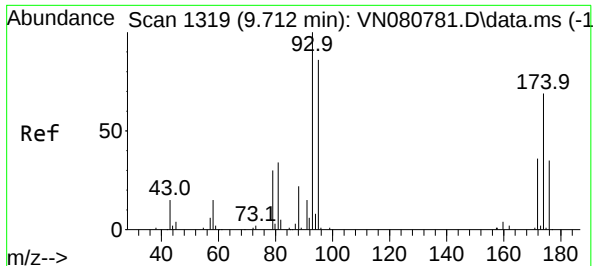
Delta R.T. -0.012 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 63 Resp: 1142
 Ion Ratio Lower Upper
 63 100
 65 22.2 26.1 39.1#





#46

Dibromomethane

Concen: 0.527 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

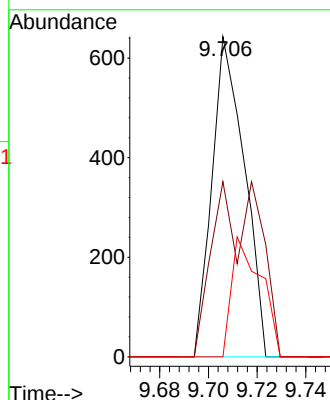
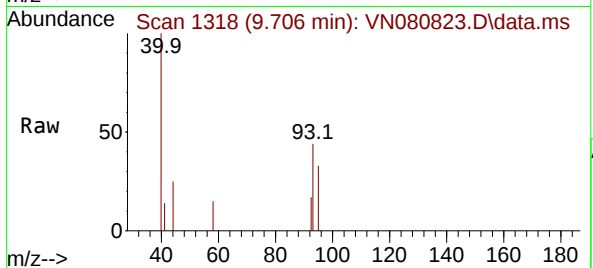
Tgt Ion: 93	Resp: 594
Ion Ratio	Lower Upper
93	100
95	77.4 68.1 102.1
174	33.8 57.2 85.8

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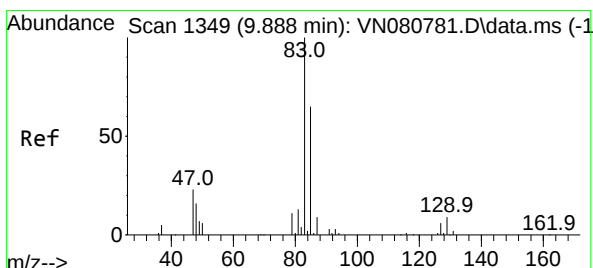
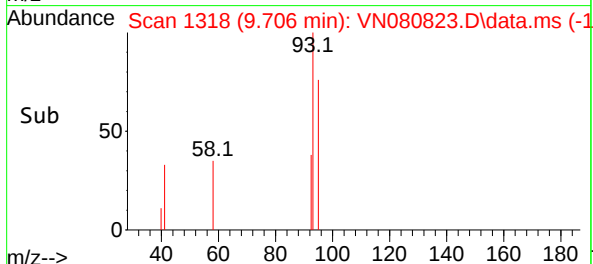
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#47

Bromodichloromethane

Concen: 0.470 ug/l

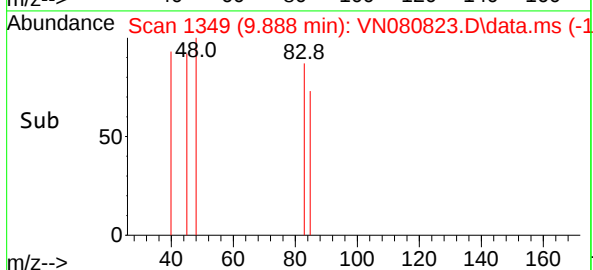
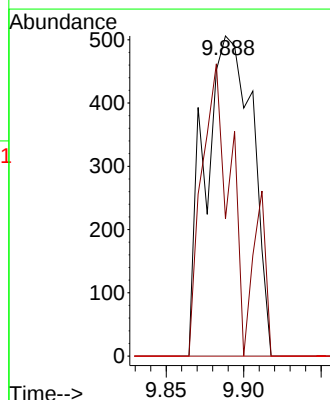
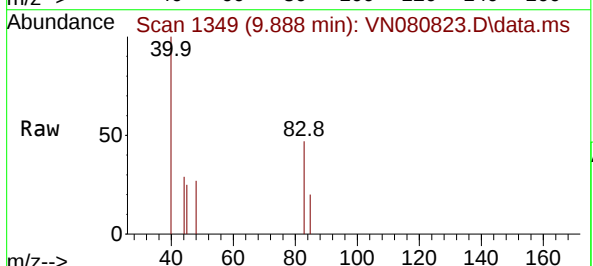
RT: 9.888 min Scan# 1349

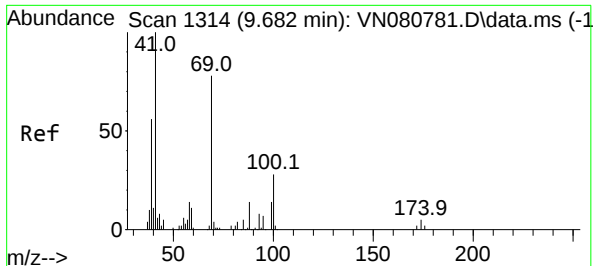
Delta R.T. 0.000 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion: 83	Resp: 1075
Ion Ratio	Lower Upper
83	100
85	42.9 52.3 78.5#
127	0.0 4.6 7.0#





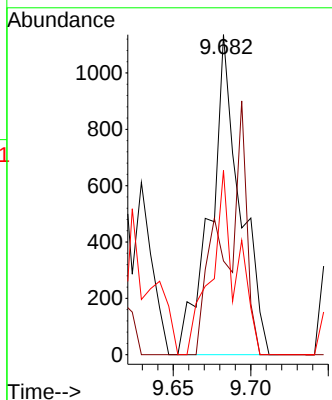
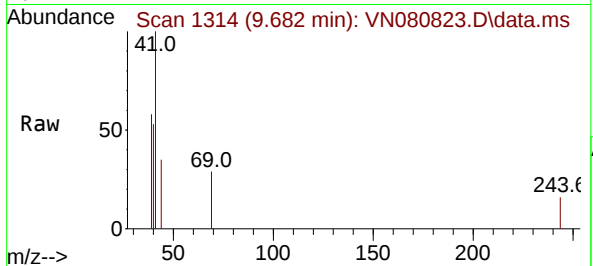
#48
Methyl methacrylate
Concen: 0.691 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 41 Resp: 1500
Ion Ratio Lower Upper
41 100
69 58.7 62.2 93.2
39 49.7 47.6 71.4

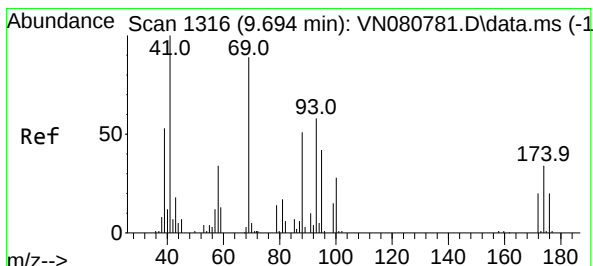
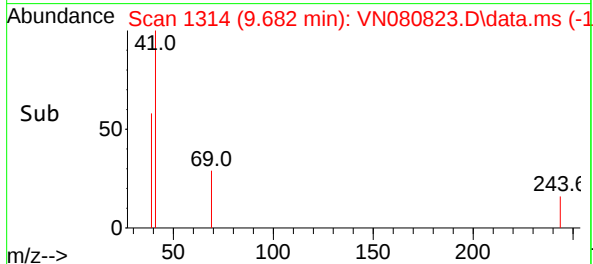
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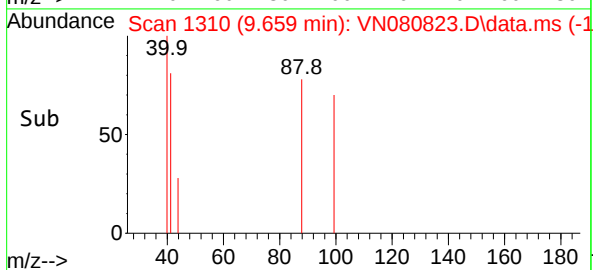
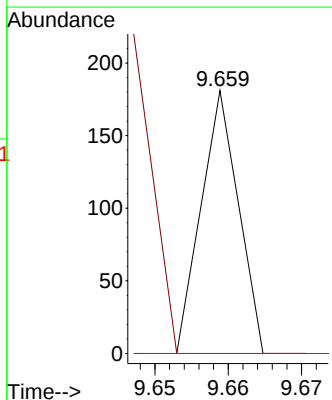
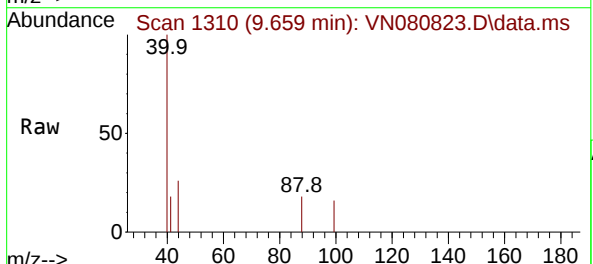
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Yesilyurt

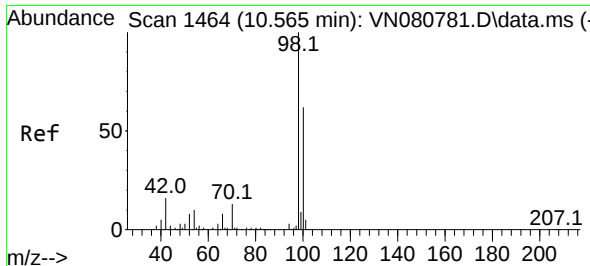
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#49
1,4-Dioxane
Concen: 2.447 ug/l m
RT: 9.659 min Scan# 1310
Delta R.T. -0.035 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

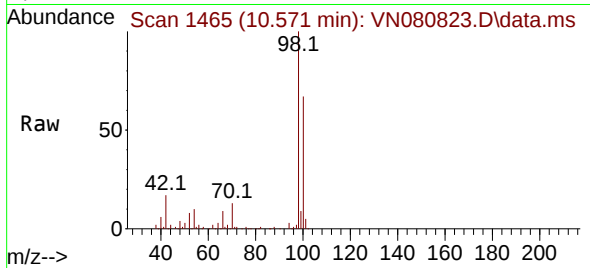
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 121.9 30.1 45.1#
58 0.0 63.9 95.9#





#50
Toluene-d8
Concen: 46.429 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

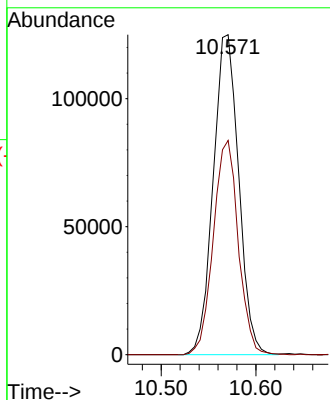
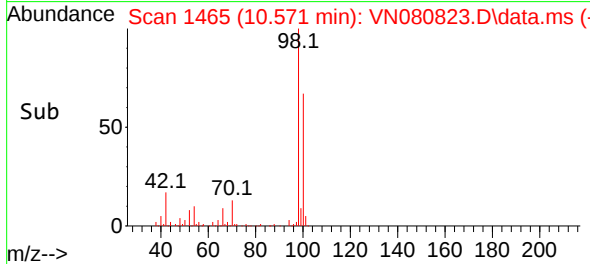
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 98 Resp: 233598
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0

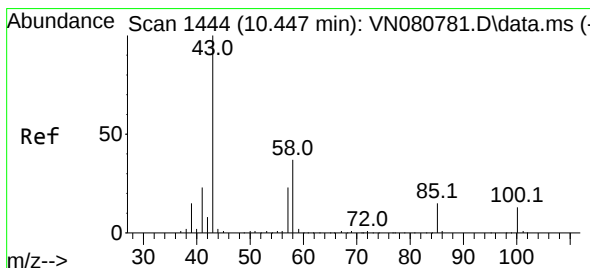
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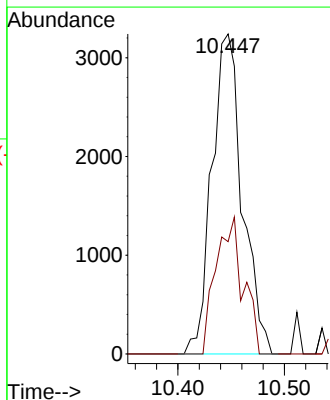
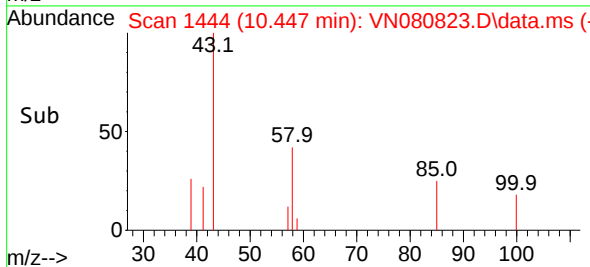
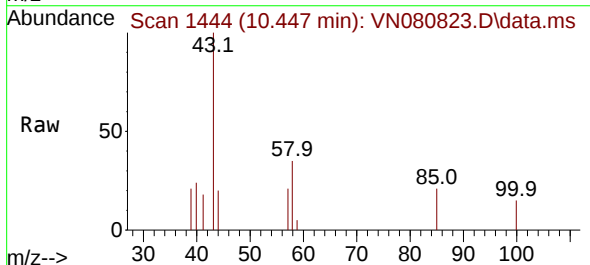
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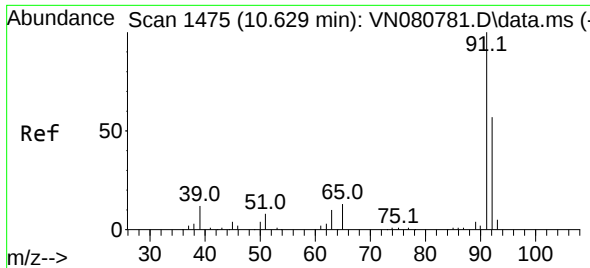
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#51
4-Methyl-2-Pentanone
Concen: 2.574 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

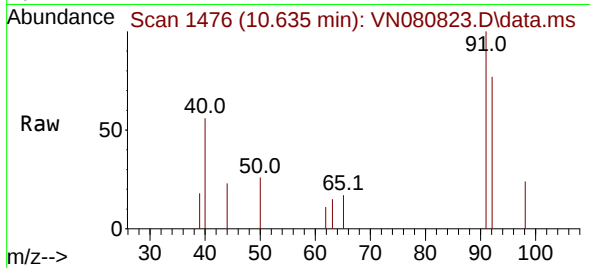
Tgt Ion: 43 Resp: 6443
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0





#52
Toluene
Concen: 0.494 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

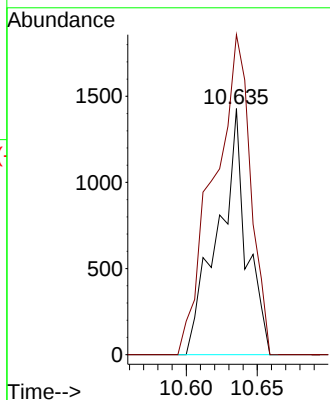
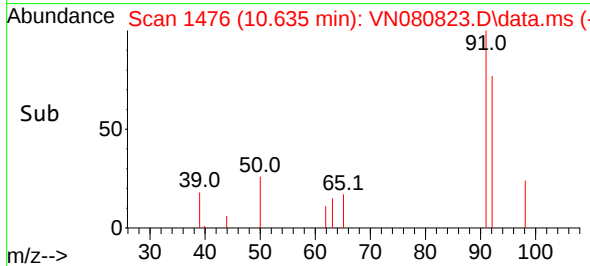
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 92 Resp: 1990
Ion Ratio Lower Upper
92 100
91 168.9 139.4 209.0

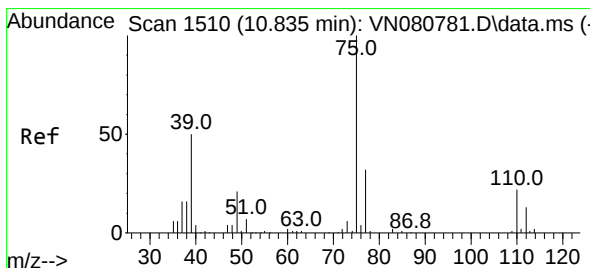
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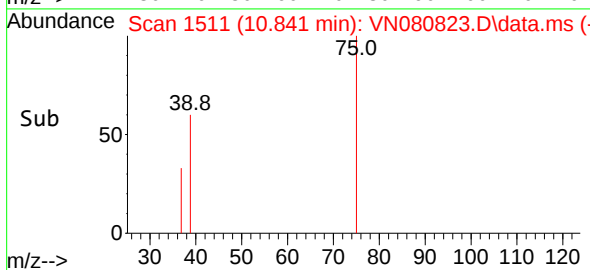
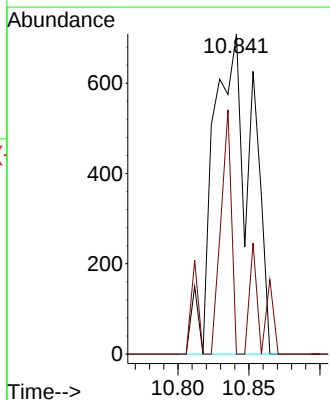
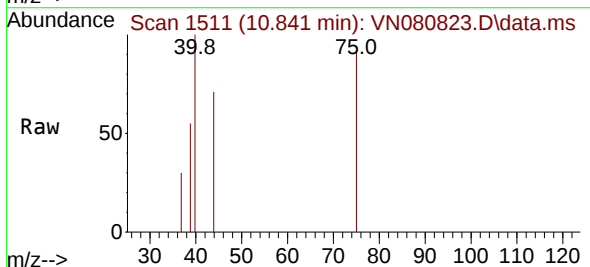
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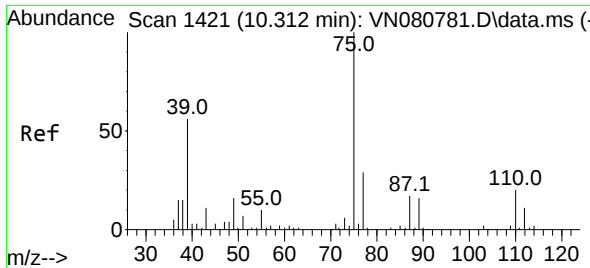
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#53
t-1,3-Dichloropropene
Concen: 0.499 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

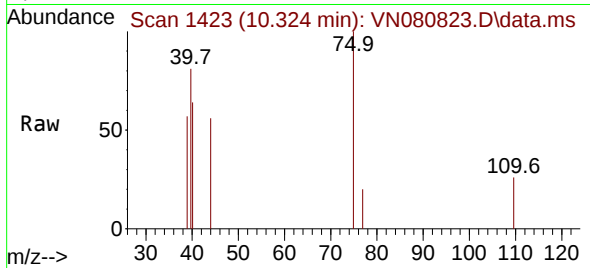
Tgt Ion: 75 Resp: 1329
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#





#54
cis-1,3-Dichloropropene
Concen: 0.438 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

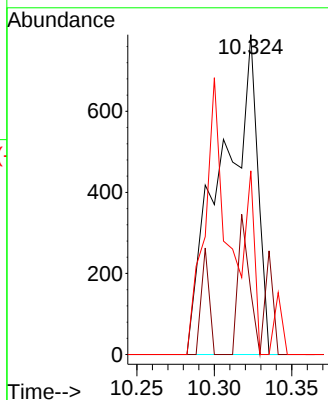
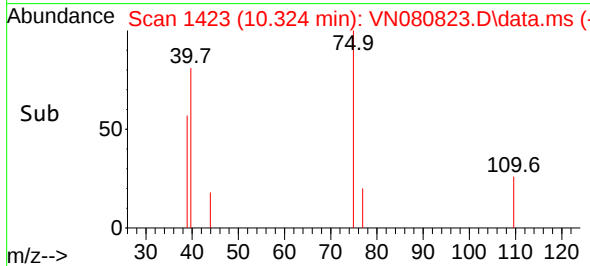
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 1270
Ion Ratio Lower Upper
75 100
77 19.6 23.3 34.9#
39 138.9 44.6 66.8#

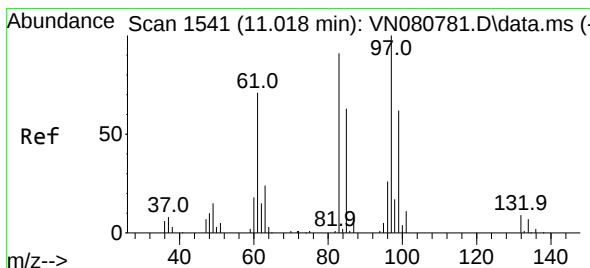
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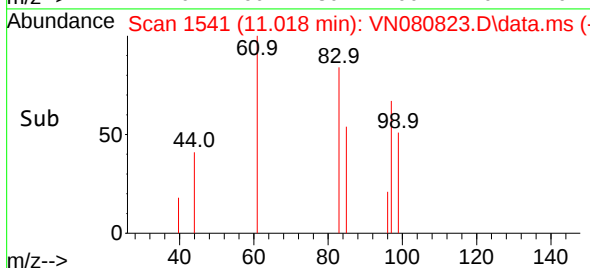
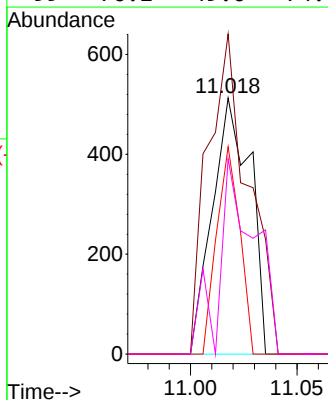
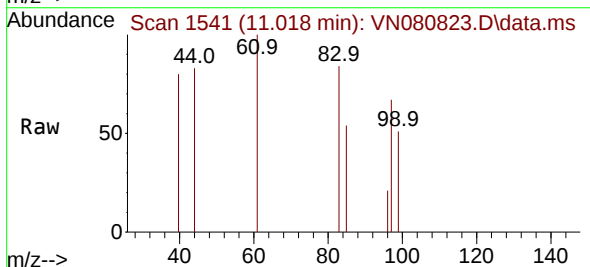
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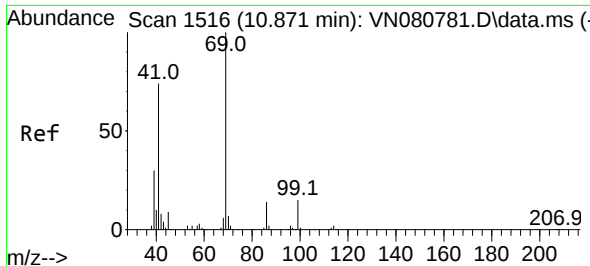
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#55
1,1,2-Trichloroethane
Concen: 0.410 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

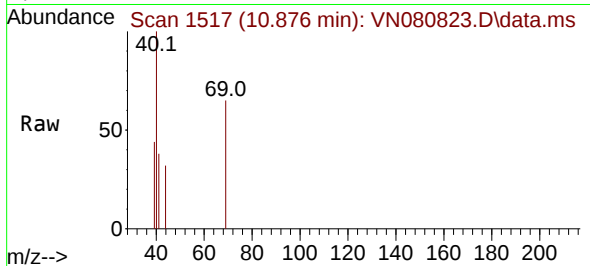
Tgt Ion: 97 Resp: 634
Ion Ratio Lower Upper
97 100
83 125.0 72.9 109.3#
85 80.9 50.2 75.2#
99 76.2 49.6 74.4#





#56
Ethyl methacrylate
Concen: 0.426 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.005 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

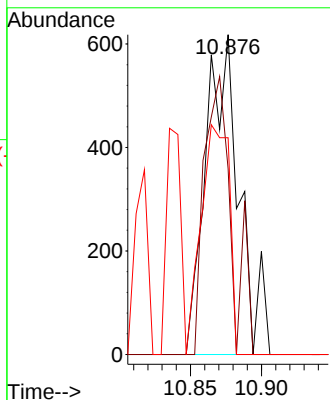
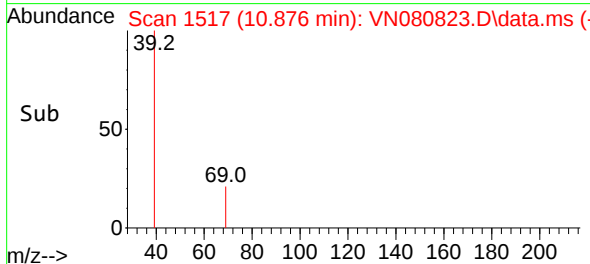
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 69 Resp: 101
Ion Ratio Lower Upper
69 100
41 70.6 61.0 91.6
39 60.4 31.8 47.6

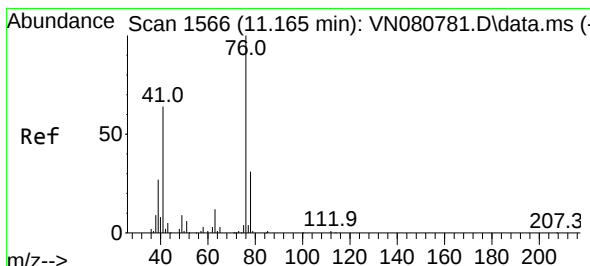
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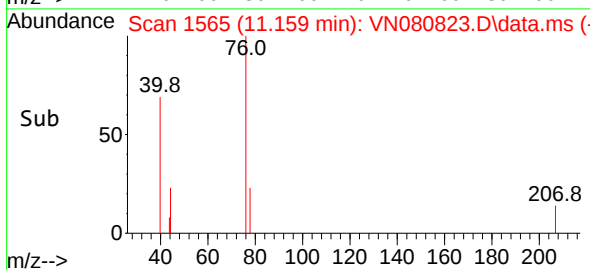
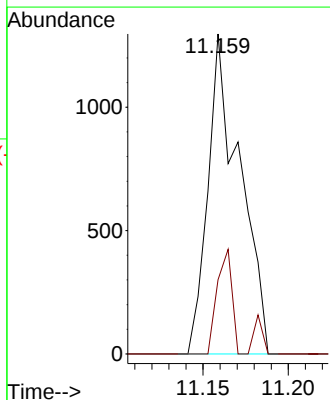
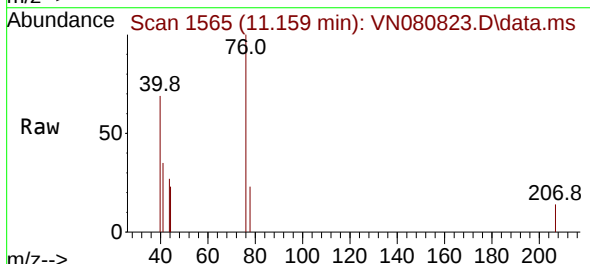
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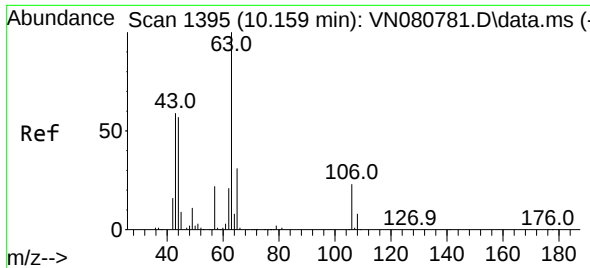
01/31/2024



#57
1,3-Dichloropropane
Concen: 0.578 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion: 76 Resp: 1683
Ion Ratio Lower Upper
76 100
78 15.2 25.5 38.3





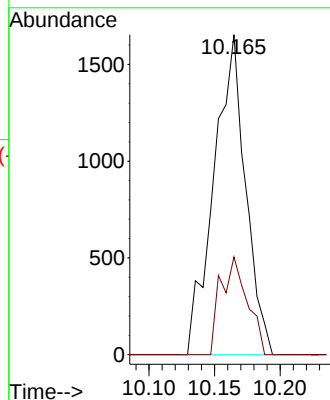
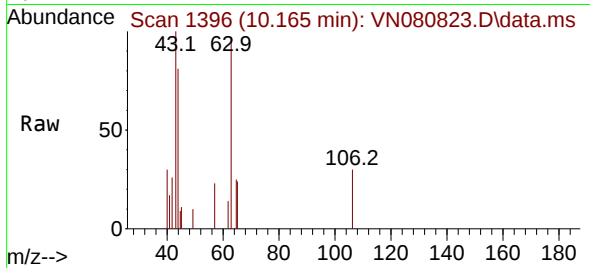
#58
2-Chloroethyl Vinyl ether
Concen: 2.002 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 2770
Ion Ratio Lower Upper
63 100
106 25.8 18.6 28.0

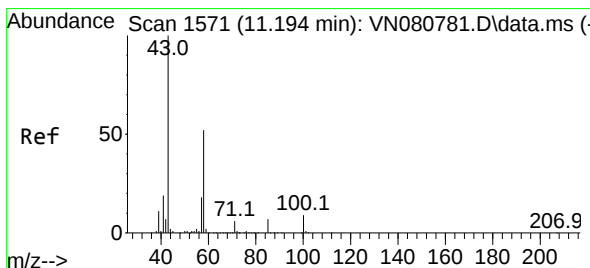
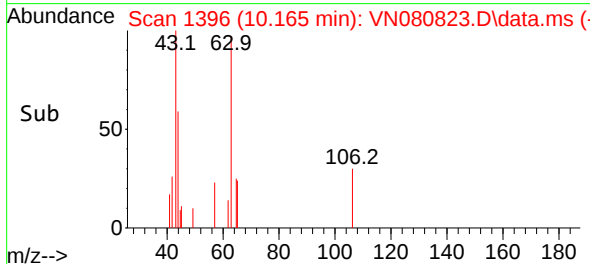
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Supervised By :Semsettin Yesilyurt 01/31/2024



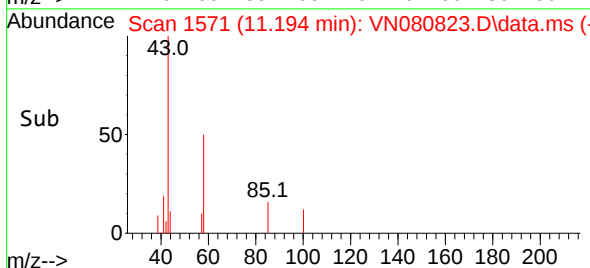
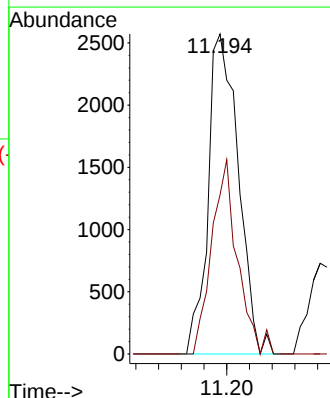
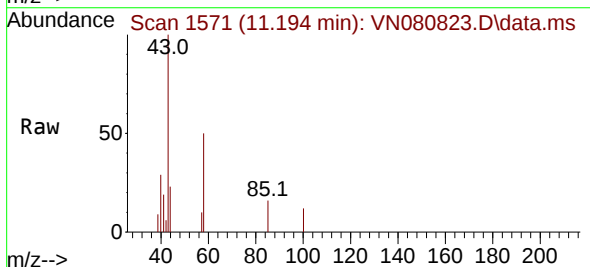
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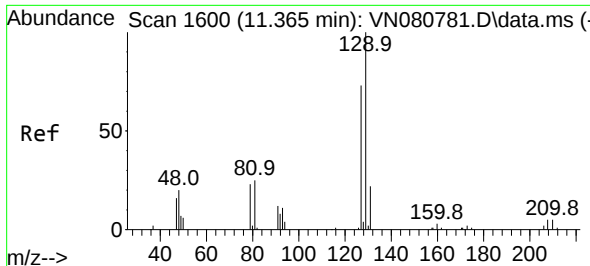
01/31/2024



#59
2-Hexanone
Concen: 2.442 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

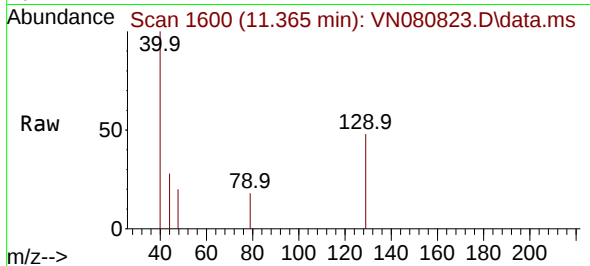
Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8





#60
Dibromochloromethane
Concen: 0.324 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

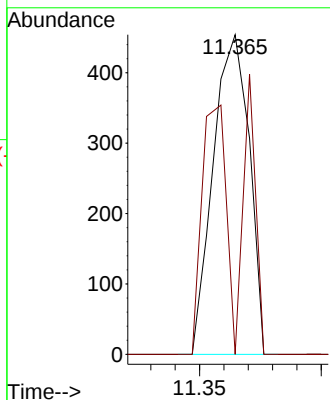
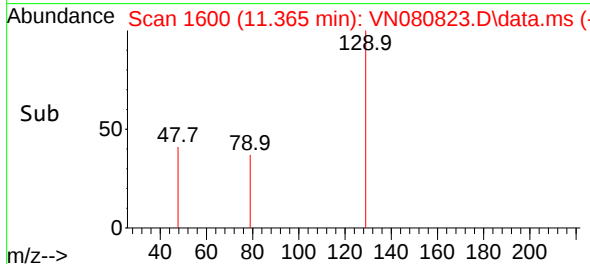
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:129 Resp: 460
Ion Ratio Lower Upper
129 100
127 82.6 39.4 118.2

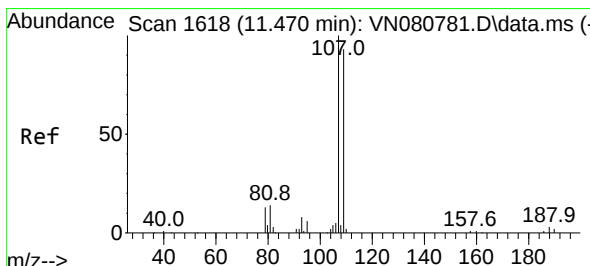
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Supervised By :Semsettin Yesilyurt 01/31/2024

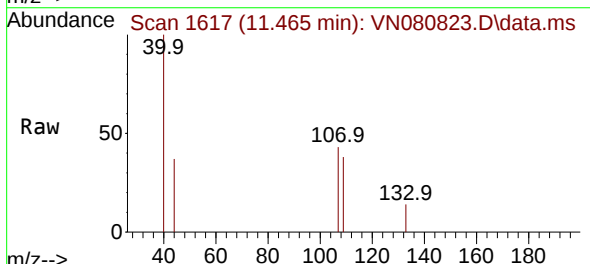


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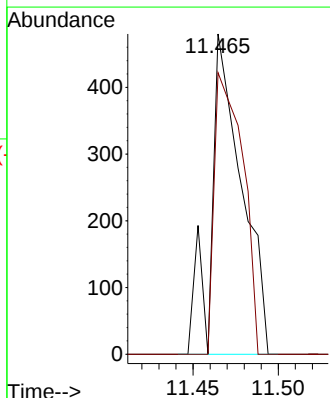
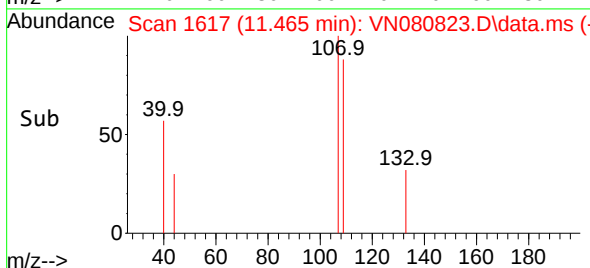
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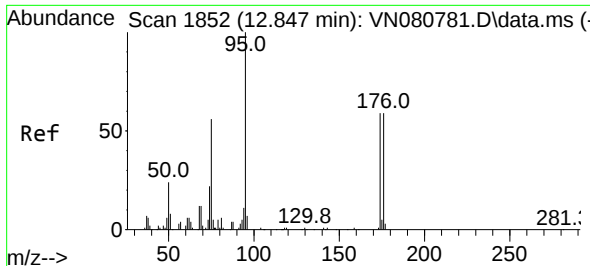


#61
1,2-Dibromoethane
Concen: 0.417 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



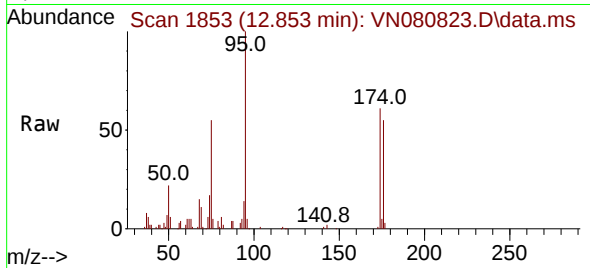
Tgt Ion:107 Resp: 604
Ion Ratio Lower Upper
107 100
109 81.3 73.4 110.2





#62
4-Bromofluorobenzene
Concen: 42.354 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

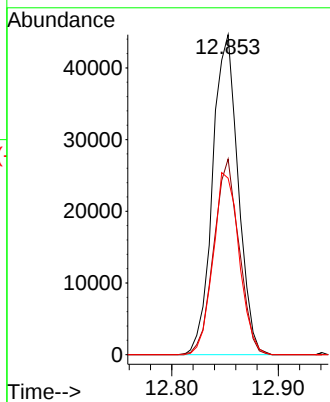
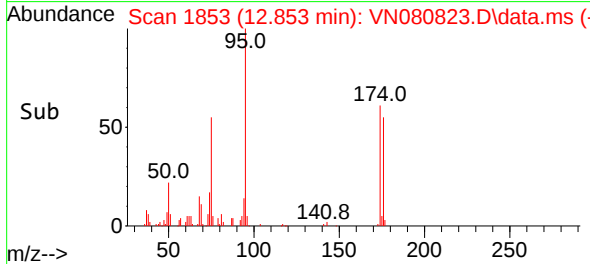
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 95 Resp: 7425
Ion Ratio Lower Upper
95 100
174 60.5 0.0 120.4
176 58.2 0.0 121.0

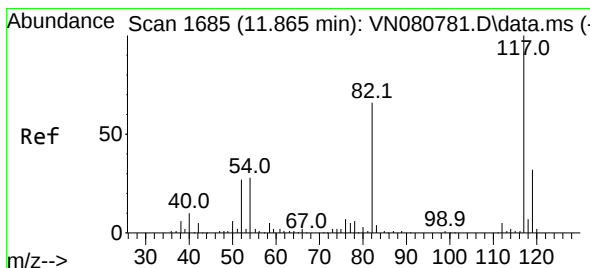
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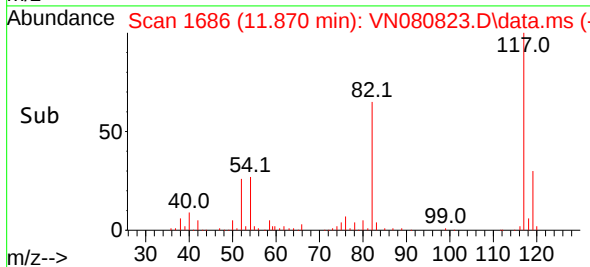
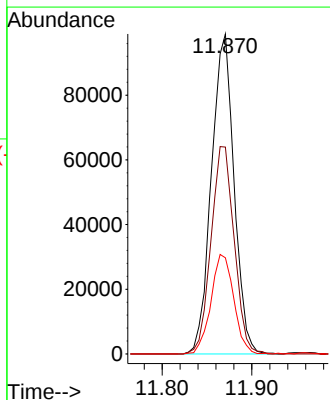
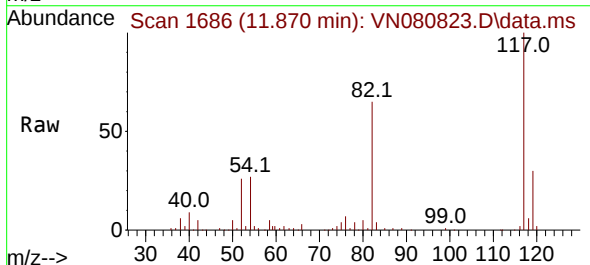
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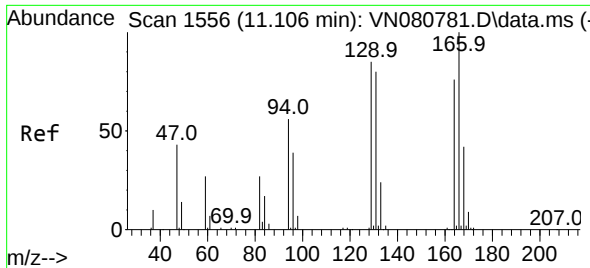
01/31/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

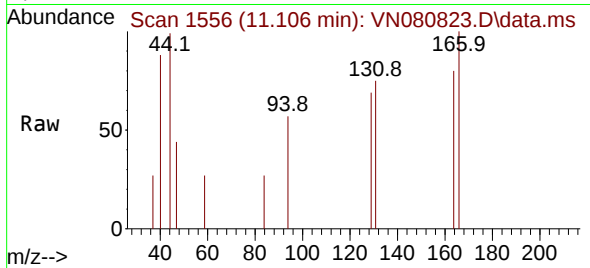
Tgt Ion:117 Resp: 173275
Ion Ratio Lower Upper
117 100
82 64.6 52.7 79.1
119 30.1 25.3 37.9





#64
Tetrachloroethene
Concen: 0.588 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

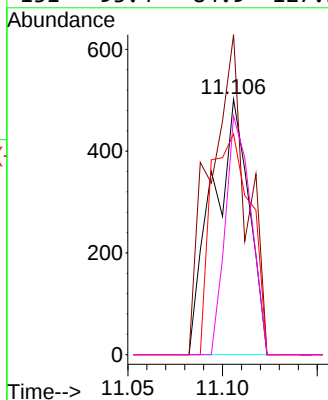
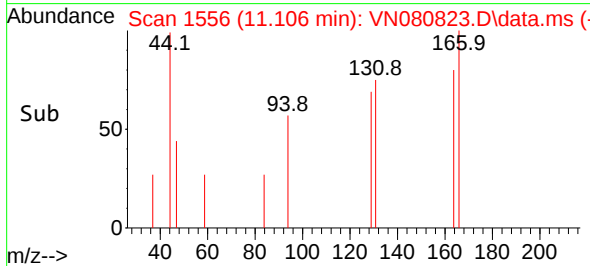
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:164 Resp: 670
Ion Ratio Lower Upper
164 100
166 125.3 105.8 158.6
129 86.5 89.6 134.4
131 93.4 84.9 127.3

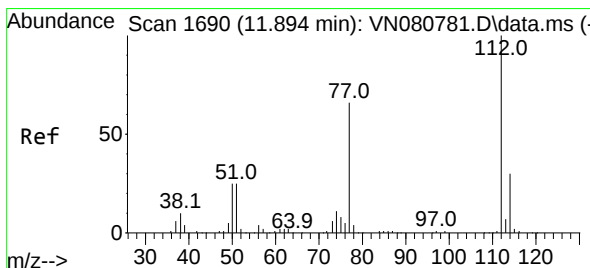
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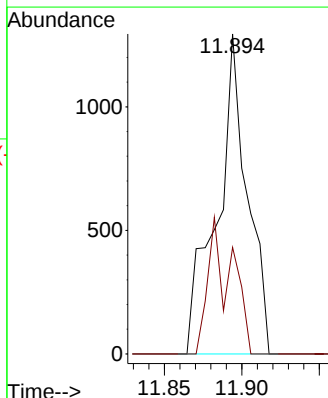
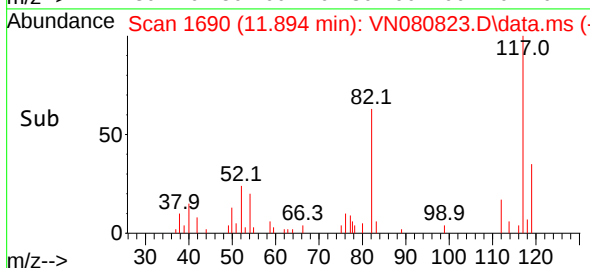
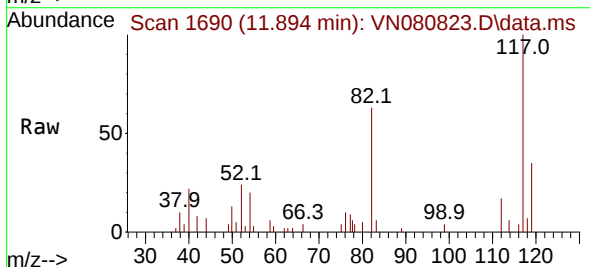
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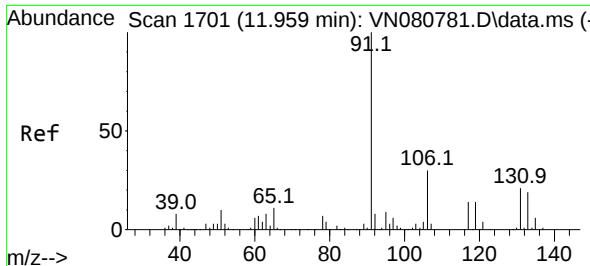
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#65
Chlorobenzene
Concen: 0.467 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

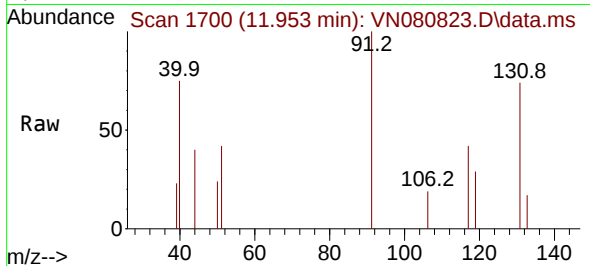
Tgt Ion:112 Resp: 1766
Ion Ratio Lower Upper
112 100
114 33.3 23.7 35.5





#66
1,1,1,2-Tetrachloroethane
Concen: 0.647 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

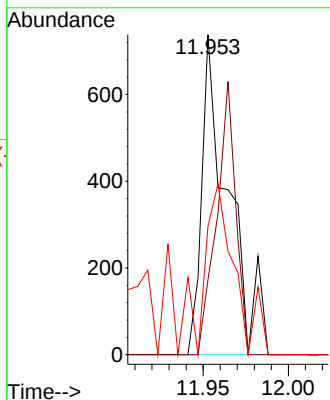
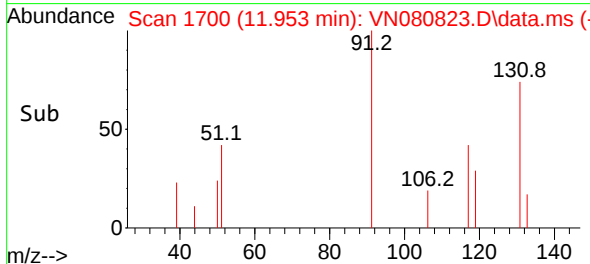
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:131 Resp: 790
Ion Ratio Lower Upper
131 100
133 61.8 46.8 140.3
119 0.0 34.6 103.9

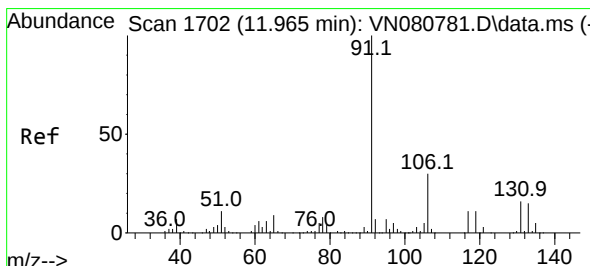
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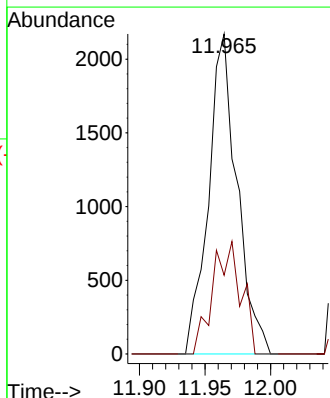
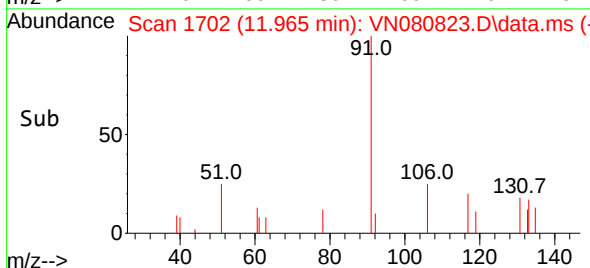
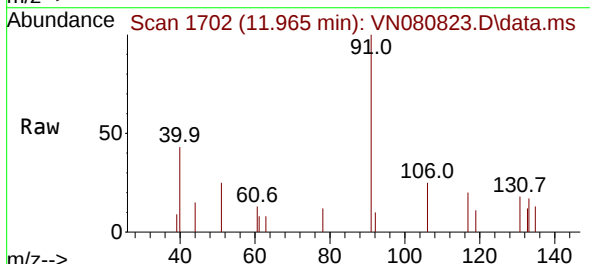
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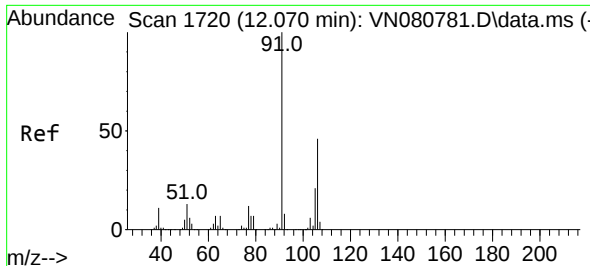
01/31/2024



#67
Ethyl Benzene
Concen: 0.467 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

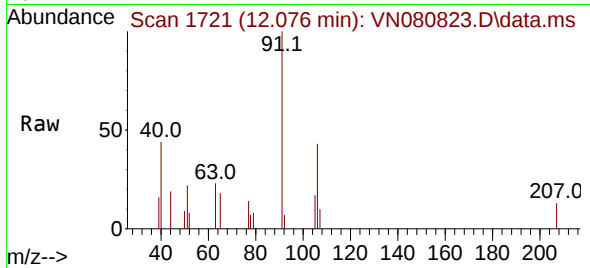
Tgt Ion: 91 Resp: 3285
Ion Ratio Lower Upper
91 100
106 24.6 23.8 35.6





#68
m/p-Xylenes
Concen: 0.775 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

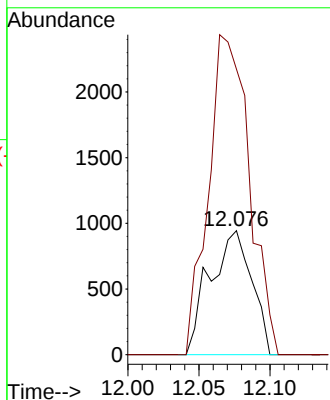
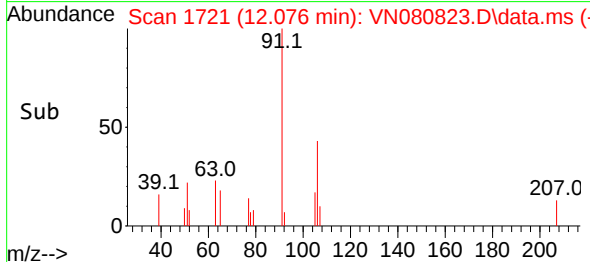
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:106 Resp: 1934
Ion Ratio Lower Upper
106 100
91 252.3 169.0 253.6

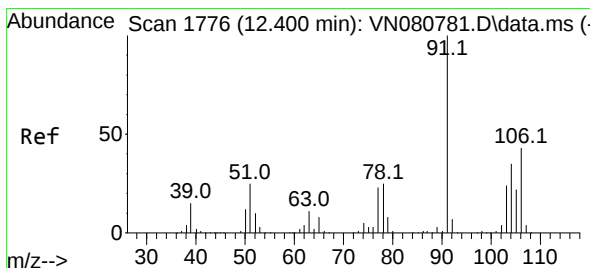
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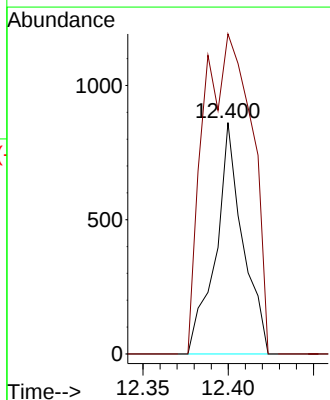
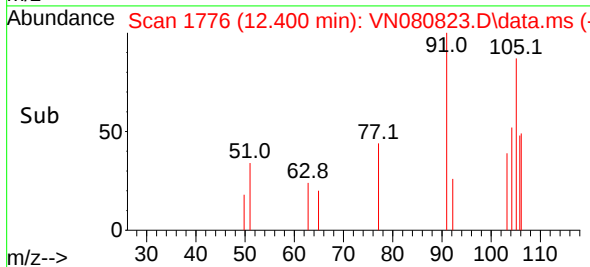
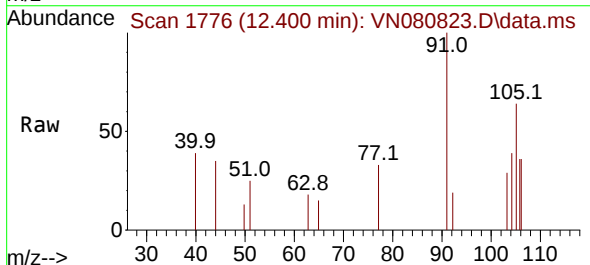
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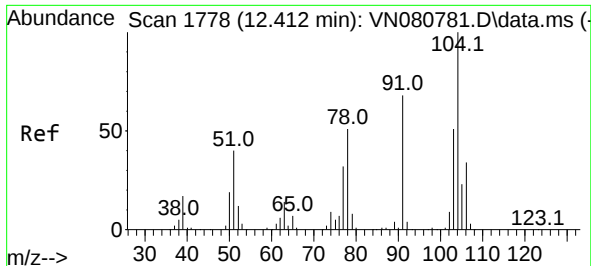
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#69
o-Xylene
Concen: 0.383 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:106 Resp: 950
Ion Ratio Lower Upper
106 100
91 246.3 112.1 336.3





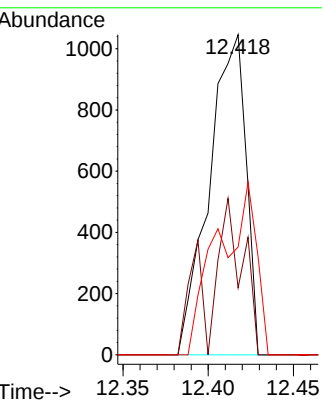
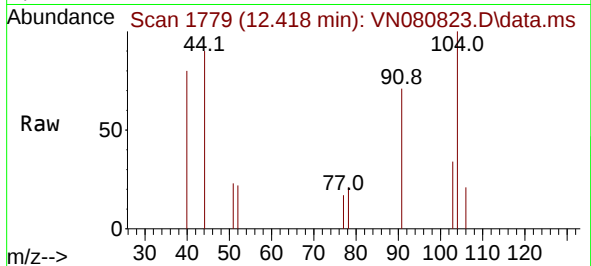
#70
Styrene
Concen: 0.395 ug/l
RT: 12.418 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:104 Resp: 157
Ion Ratio Lower Upper
104 100
78 32.0 43.8 65.8
103 56.2 44.2 66.2

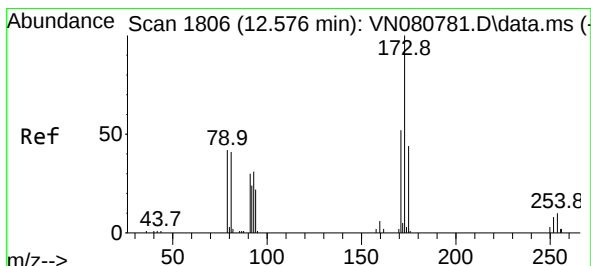
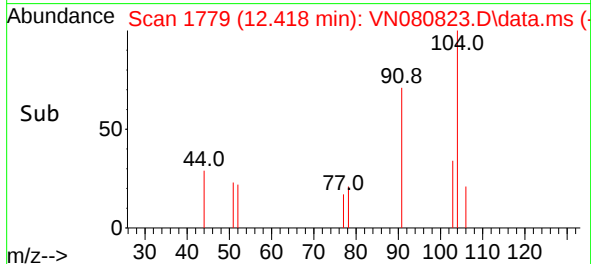
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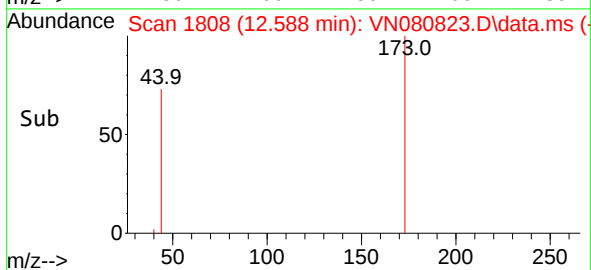
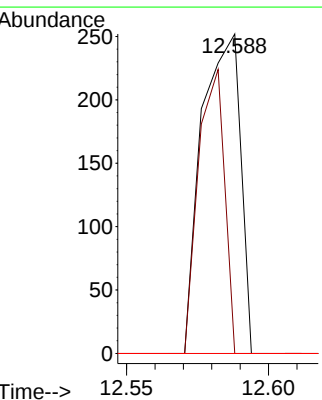
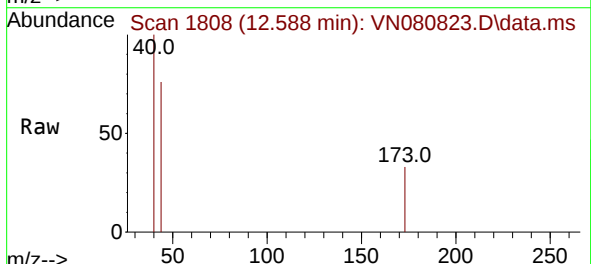
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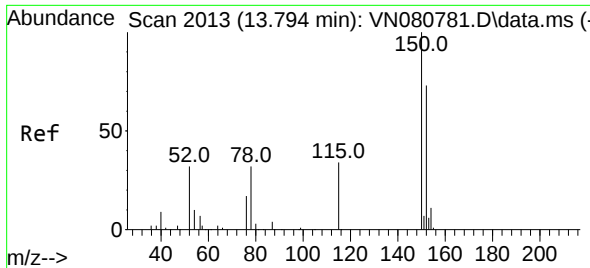
01/31/2024



#71
Bromoform
Concen: 0.286 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:173 Resp: 238
Ion Ratio Lower Upper
173 100
175 60.1 23.1 69.2
254 0.0 0.0 0.0





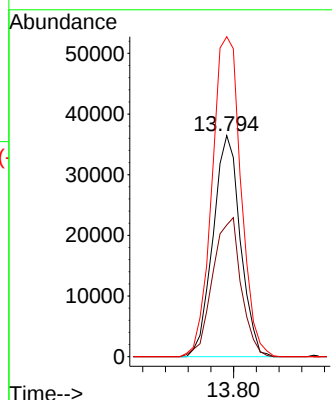
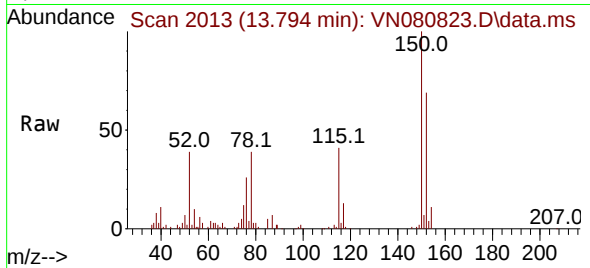
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:152 Resp: 6080
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 153.4 0.0 339.8

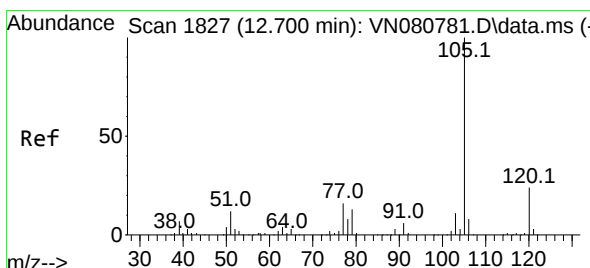
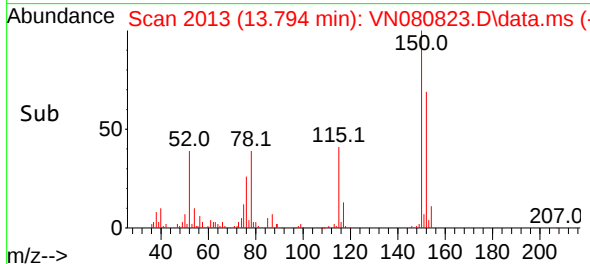
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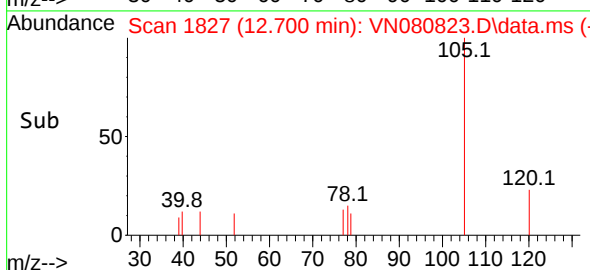
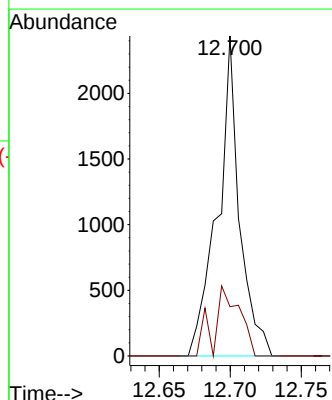
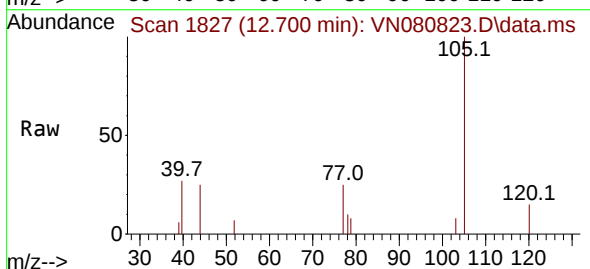
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Yesilyurt

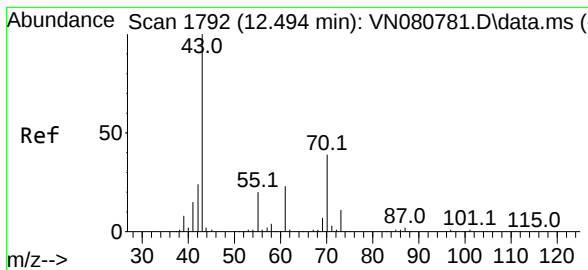
01/31/2024



#73
Isopropylbenzene
Concen: 0.467 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

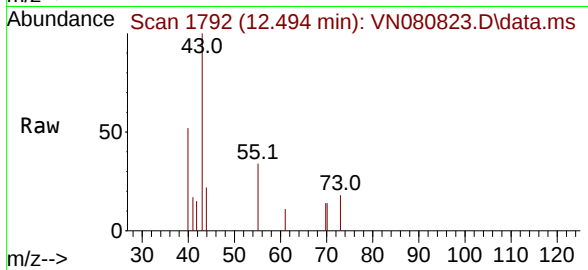
Tgt Ion:105 Resp: 2601
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.6





#74
N-ethyl acetate
Concen: 0.433 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

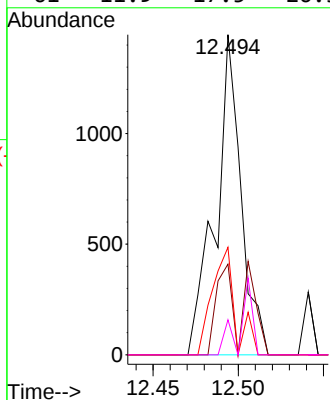
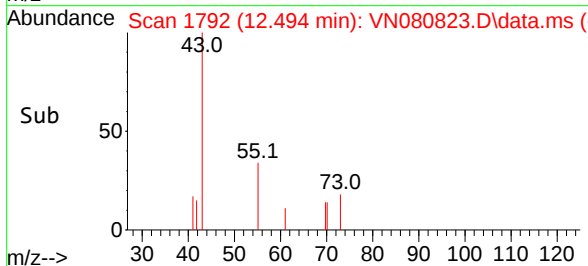


Tgt Ion: 43 Resp: 149

Ion	Ratio	Lower	Upper
43	100		
70	17.6	30.1	45.1
55	30.2	17.0	25.4
61	11.9	17.5	26.3

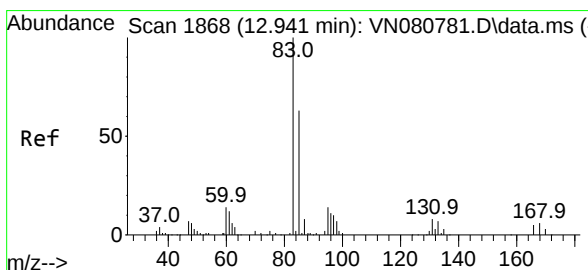
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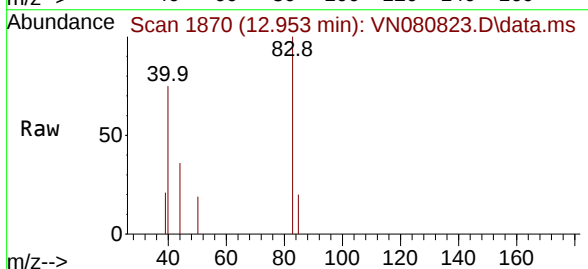


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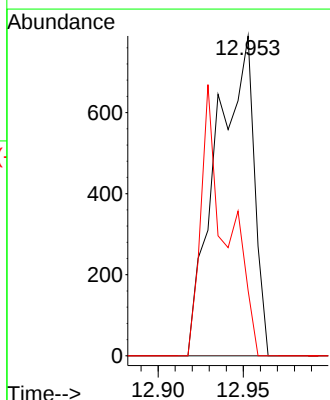
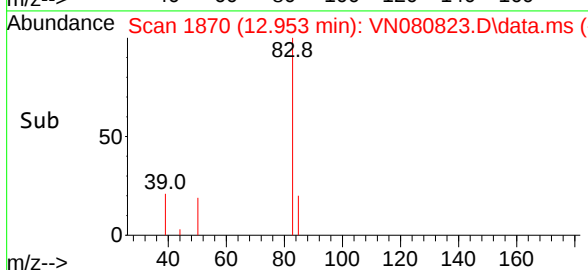


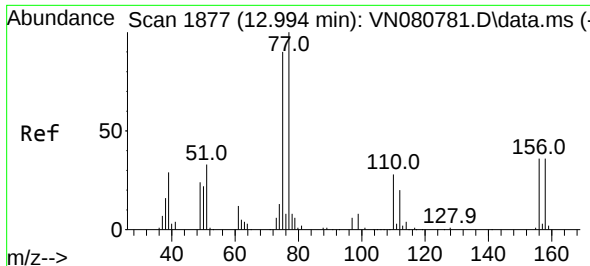
#75
1,1,2,2-Tetrachloroethane
Concen: 0.620 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



Tgt Ion: 83 Resp: 1215

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.1	12.3
85	0.0	32.1	96.3





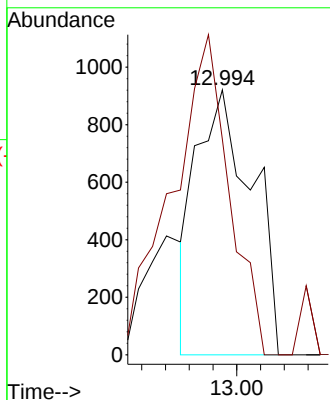
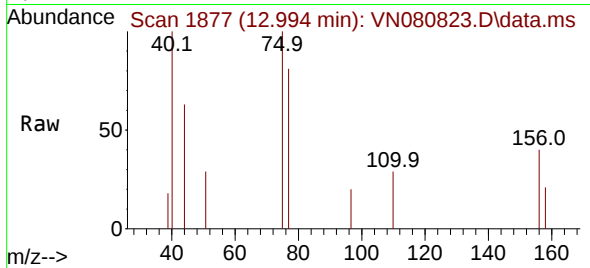
#76
1,2,3-Trichloropropane
Concen: 0.816 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 1490
Ion Ratio Lower Upper
75 100
77 124.5 91.0 272.8

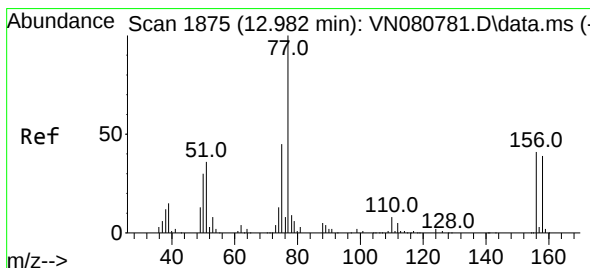
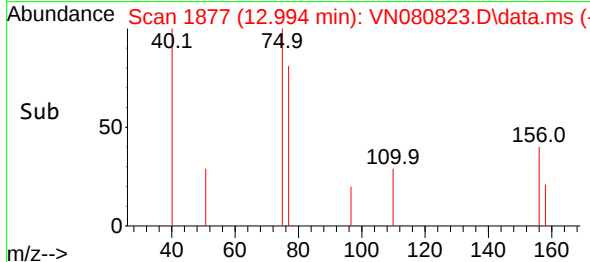
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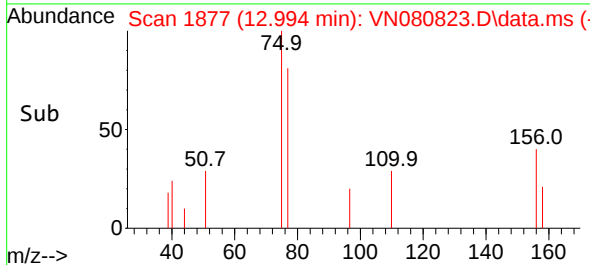
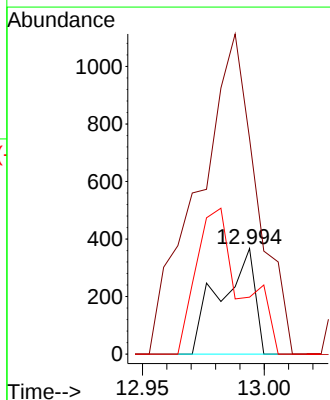
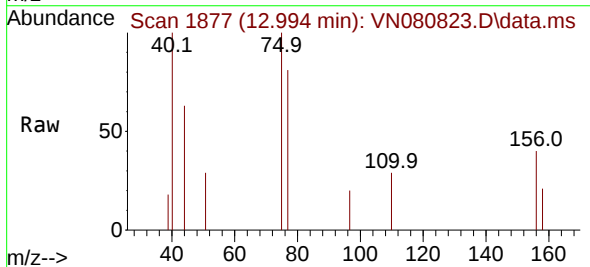
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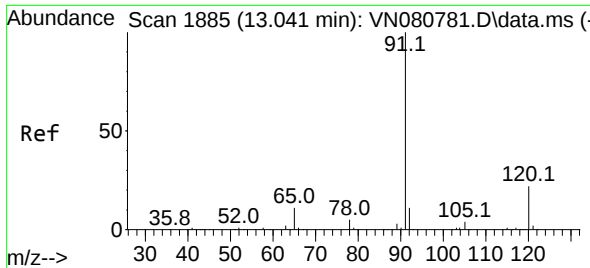
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#77
Bromobenzene
Concen: 0.306 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Tgt Ion:156 Resp: 364
Ion Ratio Lower Upper
156 100
77 511.5 138.1 414.3#
158 179.9 46.5 139.5#





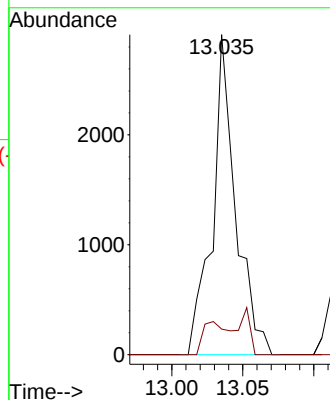
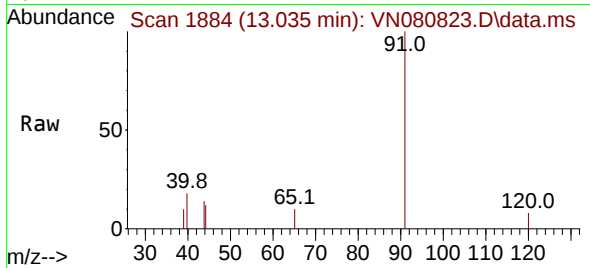
#78
n-propylbenzene
Concen: 0.496 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 3299
Ion Ratio Lower Upper
91 100
120 11.0 10.3 30.9

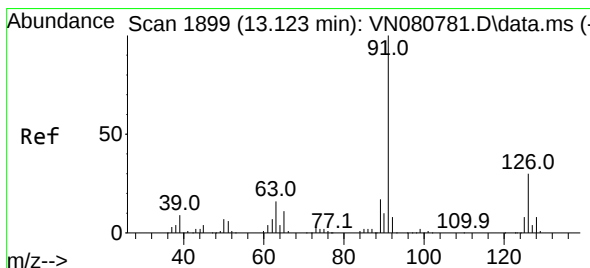
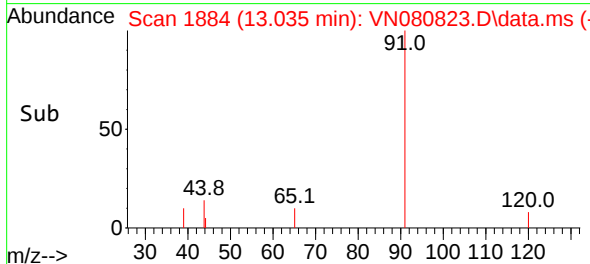
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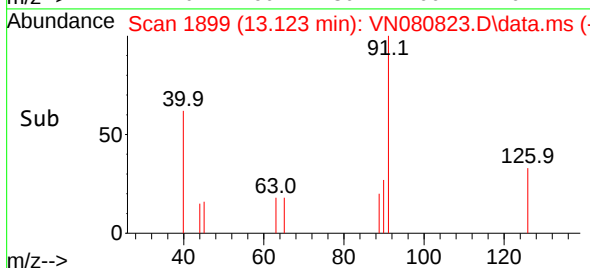
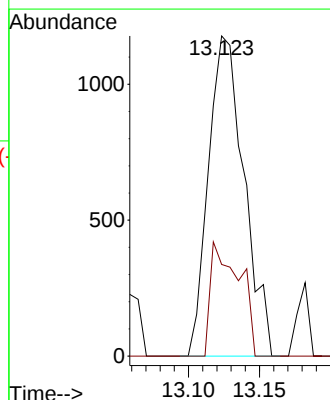
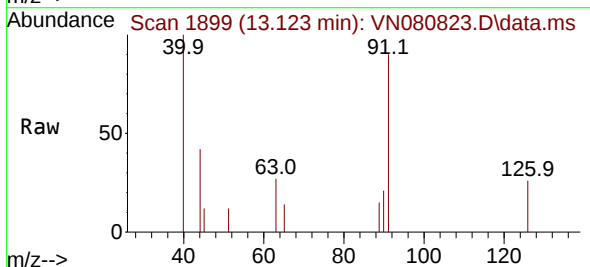
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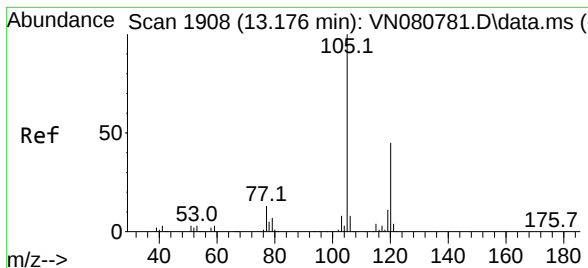
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#79
2-Chlorotoluene
Concen: 0.487 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

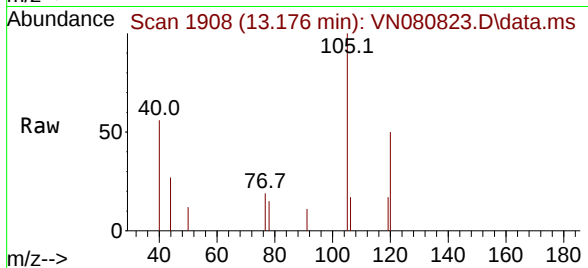
Tgt Ion: 91 Resp: 2057
Ion Ratio Lower Upper
91 100
126 28.9 14.8 44.4





#80
1,3,5-Trimethylbenzene
Concen: 0.520 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

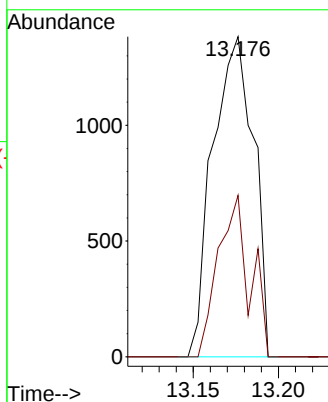
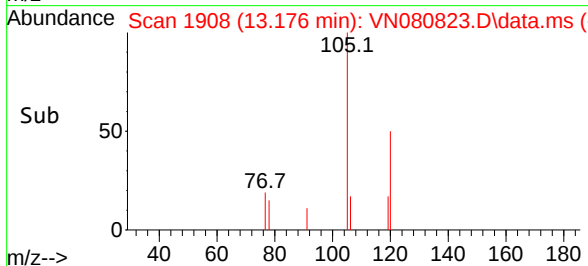
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:105 Resp: 2300
Ion Ratio Lower Upper
105 100
120 38.9 23.0 69.0

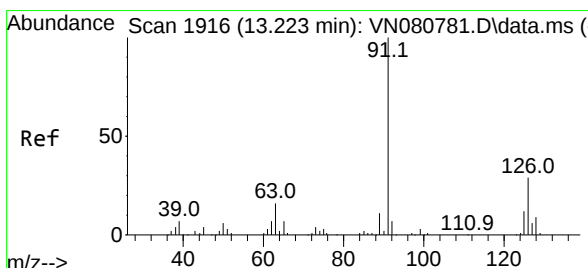
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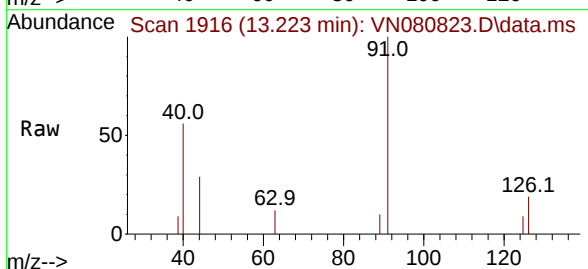


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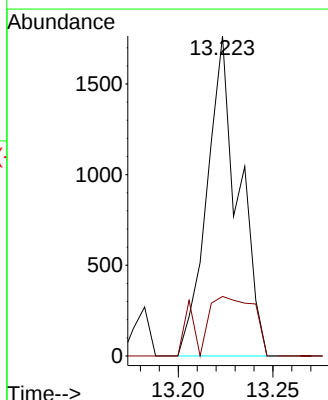
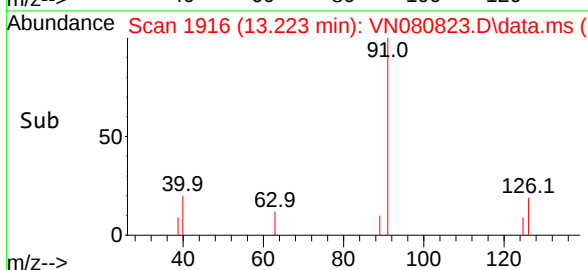
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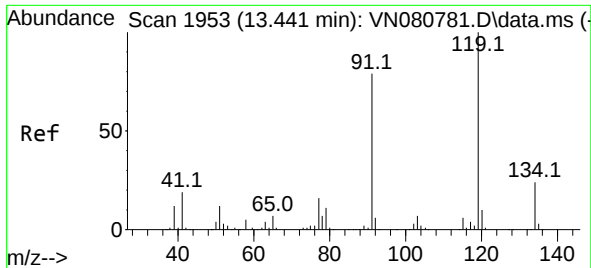


#82
4-Chlorotoluene
Concen: 0.489 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



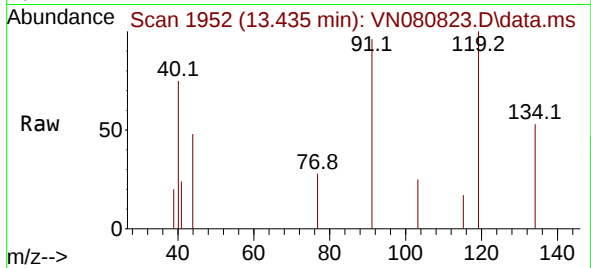
Tgt Ion: 91 Resp: 2048
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 0.466 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

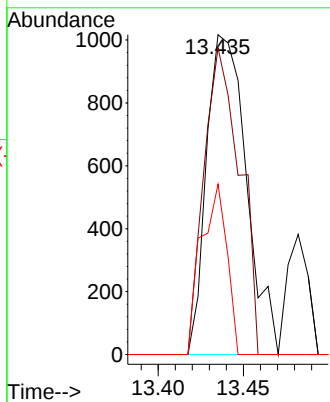
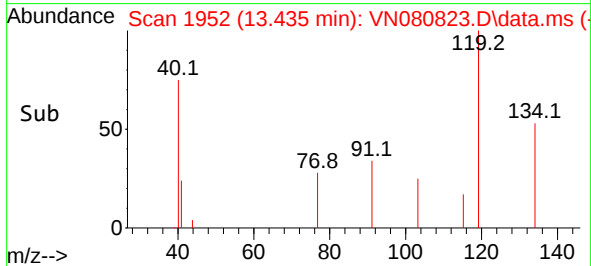
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:119 Resp: 1652
Ion Ratio Lower Upper
119 100
91 86.5 36.8 110.4
134 34.4 12.4 37.4

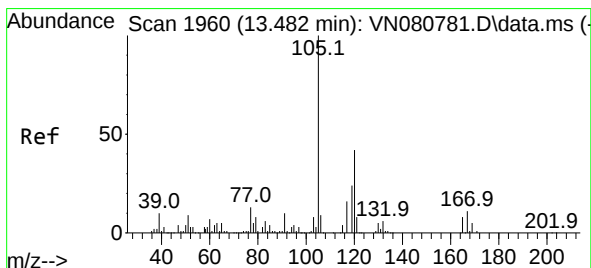
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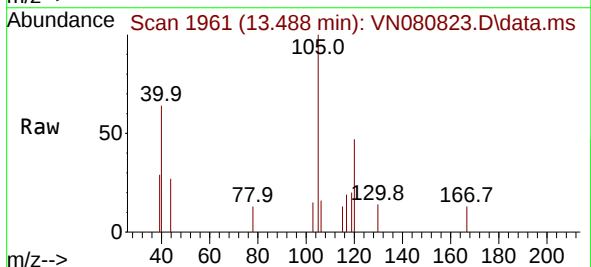


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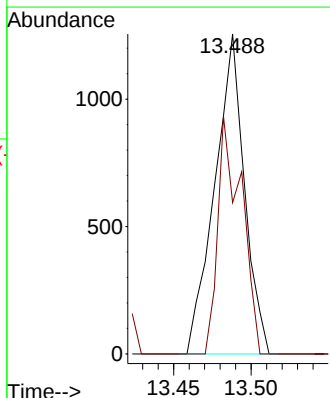
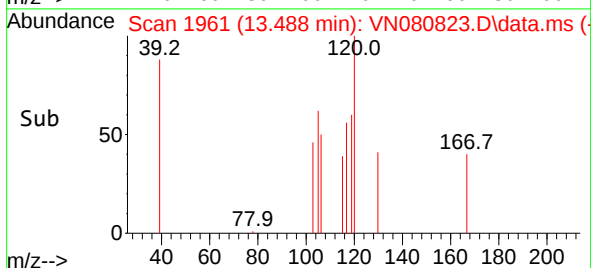
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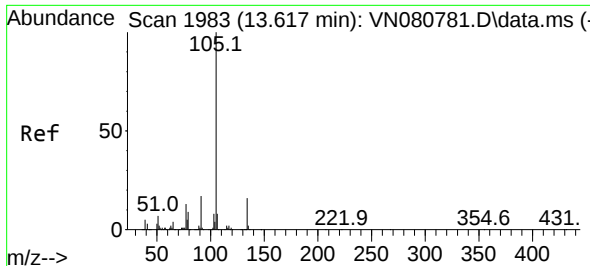


#84
1,2,4-Trimethylbenzene
Concen: 0.372 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



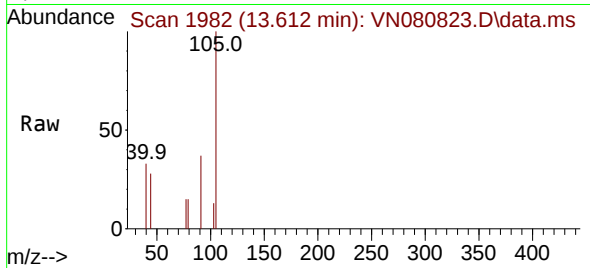
Tgt Ion:105 Resp: 1670
Ion Ratio Lower Upper
105 100
120 59.0 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 0.470 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

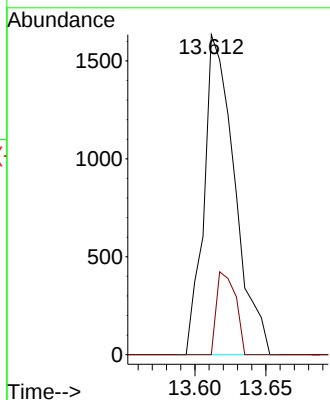
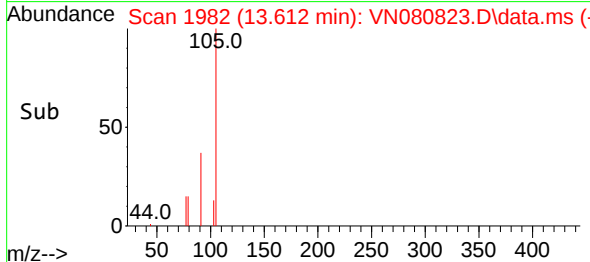
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:105 Resp: 245
 Ion Ratio Lower Upper
 105 100
 134 15.9 8.6 25.8

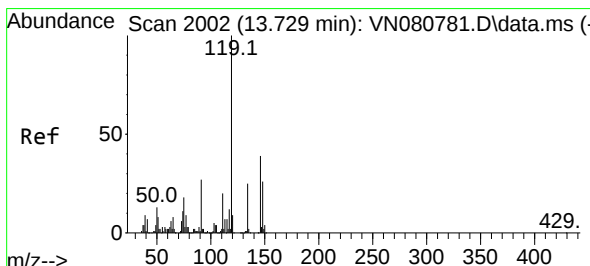
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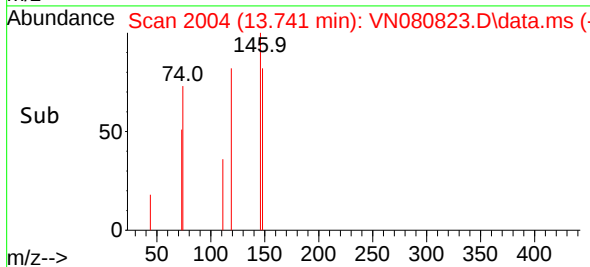
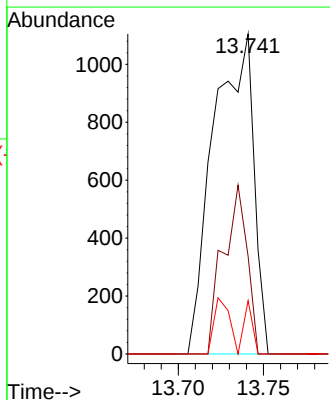
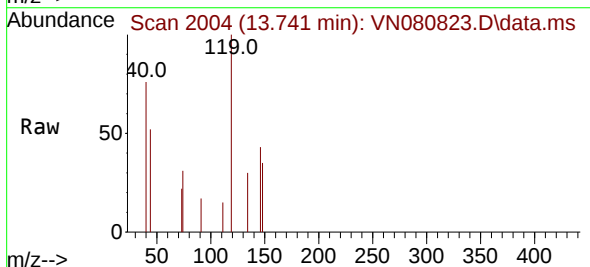
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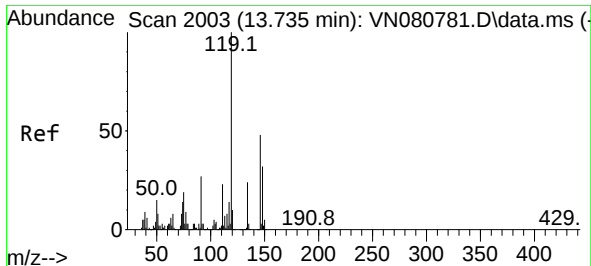
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#86
 p-Isopropyltoluene
 Concen: 0.446 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.012 min
 Lab File: VN080823.D
 Acq: 30 Jan 2024 18:46

Tgt Ion:119 Resp: 1808
 Ion Ratio Lower Upper
 119 100
 134 31.6 12.4 37.2
 91 6.7 13.5 40.4#





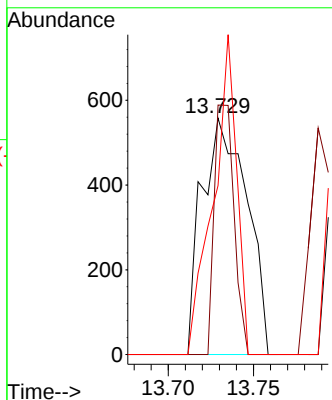
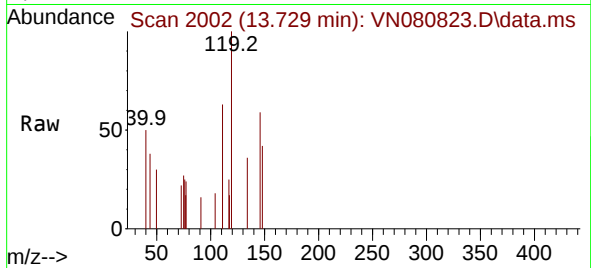
#87
1,3-Dichlorobenzene
Concen: 0.482 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

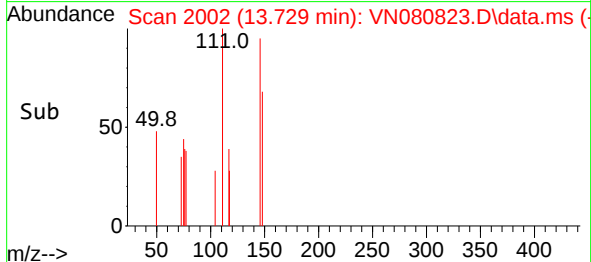
Tgt Ion:146 Resp: 1020
Ion Ratio Lower Upper
146 100
111 46.3 23.9 71.7
148 70.2 32.6 97.7

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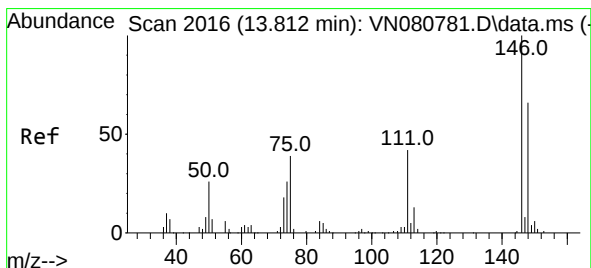
Reviewed By :John Carlone 01/31/2024
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Supervised By :Semsettin
Yesilyurt

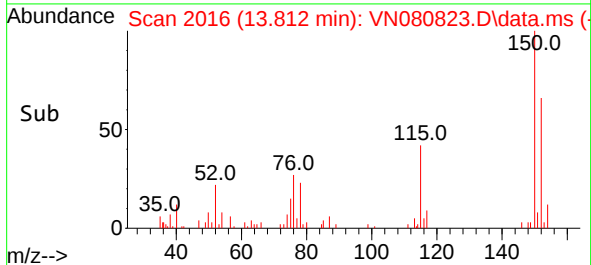
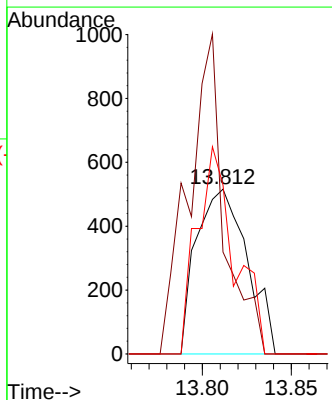
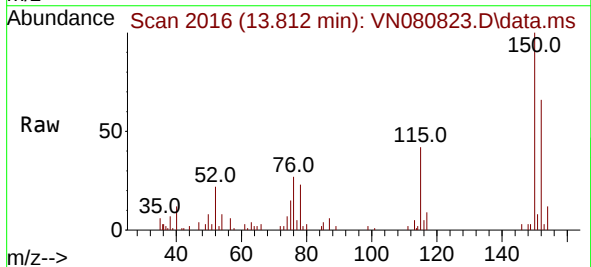


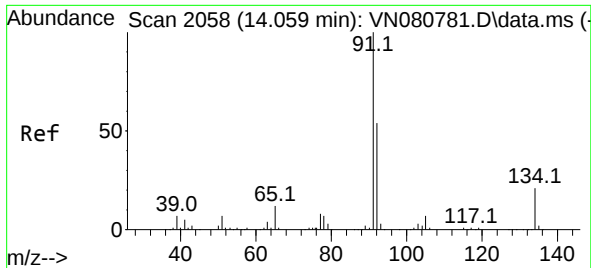
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#88
1,4-Dichlorobenzene
Concen: 0.480 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

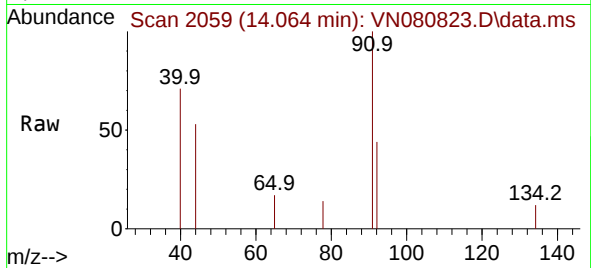
Tgt Ion:146 Resp: 1025
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.7
148 70.2 31.9 95.5





#89
n-Butylbenzene
Concen: 0.476 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

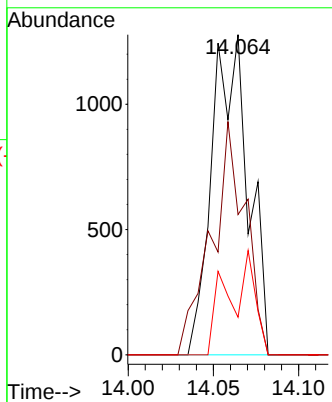
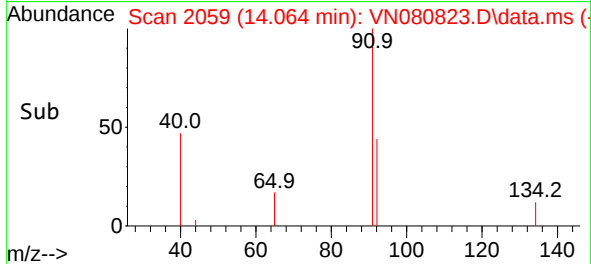
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 91 Resp: 1889
Ion Ratio Lower Upper
91 100
92 67.7 26.7 80.1
134 13.4 10.8 32.4

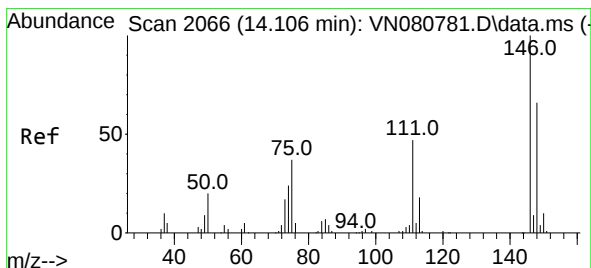
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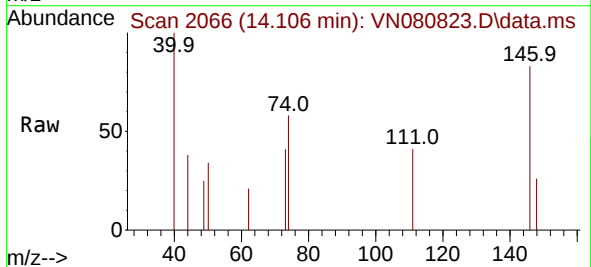


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Supervised By :Semsettin
Yesilyurt

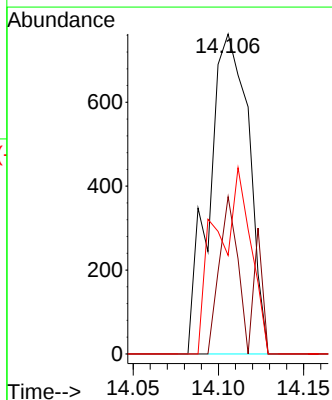
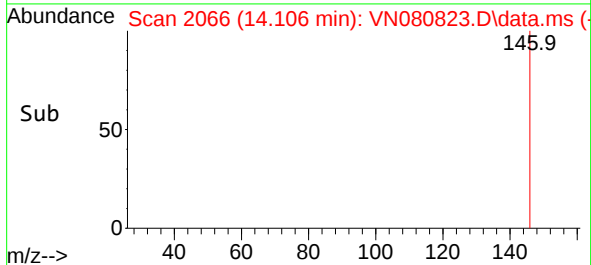
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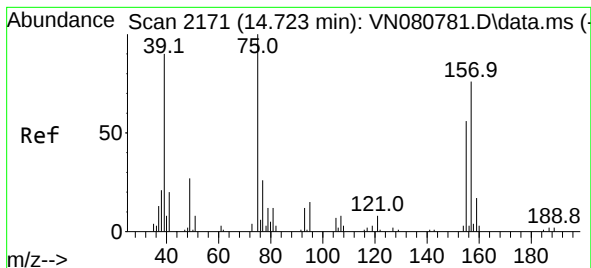


#91
1,2-Dichlorobenzene
Concen: 0.632 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



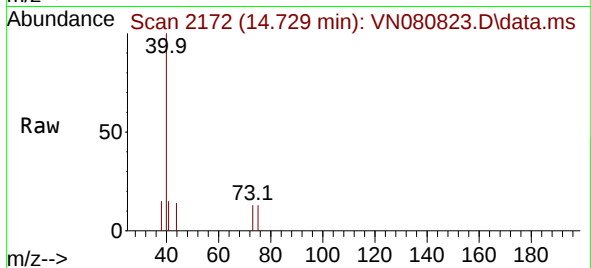
Tgt Ion:146 Resp: 1232
Ion Ratio Lower Upper
146 100
111 22.9 23.9 71.8#
148 50.4 31.4 94.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.306 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46

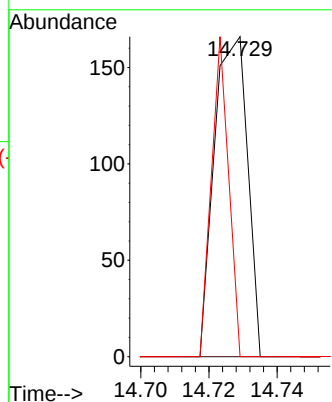
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
155 0.0 31.8 95.4
157 52.7 41.1 123.4

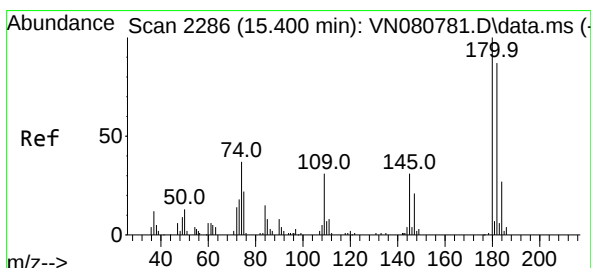
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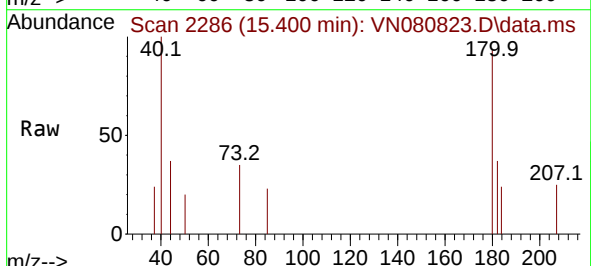


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Supervised By :Semsettin
Yesilyurt

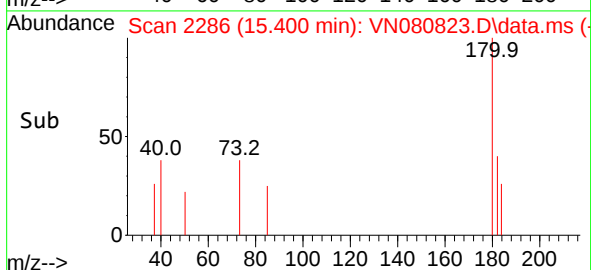
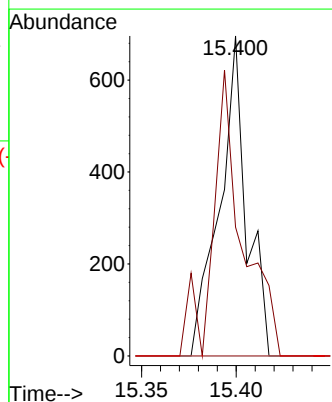
01/31/2024

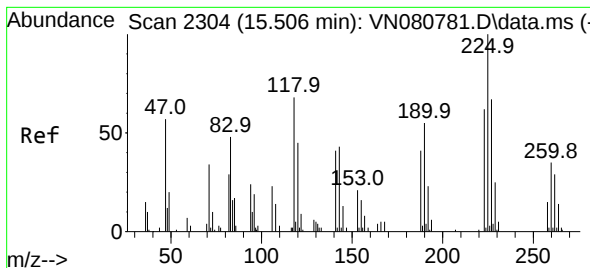


#93
1,2,4-Trichlorobenzene
Concen: 0.689 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN080823.D
Acq: 30 Jan 2024 18:46



Tgt Ion:180 Resp: 691
Ion Ratio Lower Upper
180 100
182 97.7 46.6 139.7
145 0.0 16.8 50.3





#94

Hexachlorobutadiene

Concen: 0.463 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2024

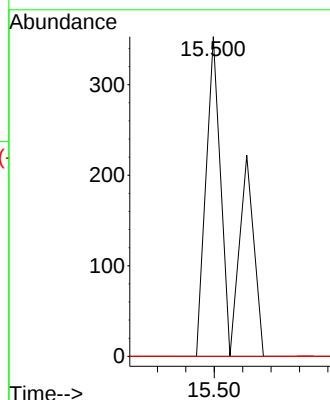
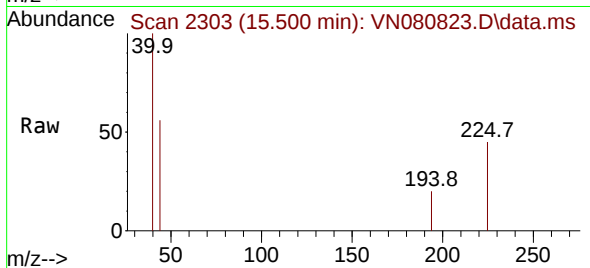
Tgt Ion:	225	Resp:	200
Ion Ratio	Lower	Upper	
225	100		
223	0.0	33.3	99.8
227	0.0	33.1	99.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

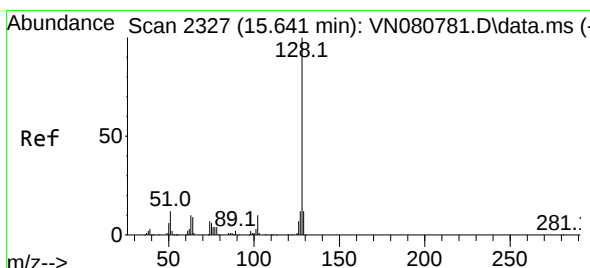
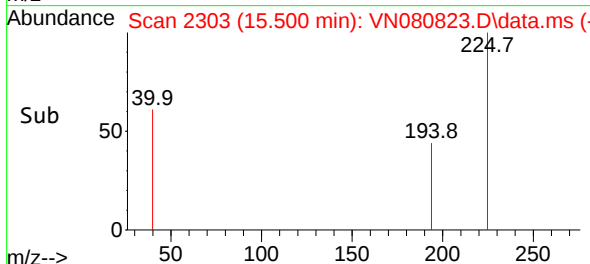
Supervised By :Semsettin Yesilyurt 01/31/2024



01/31/2024

Supervised By :Semsettin Yesilyurt

01/31/2024



#95

Naphthalene

Concen: 0.439 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN080823.D

Acq: 30 Jan 2024 18:46

Tgt Ion:	128	Resp:	1683
Ion Ratio	Lower	Upper	
128	100		
127	3.9	10.0	15.0#
129	0.0	8.7	13.1#

