

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082156.D
 Acq On : 16 May 2024 12:55
 Operator : JC\MD
 Sample : P2403-09 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: May 17 04:10:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148177	54.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.220%			
35) Dibromofluoromethane	8.171	113	98965	52.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	10.571	98	360437	49.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.847	95	118045	45.512	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	874	0.350	ug/l	76
3) Chloromethane	2.359	50	1652	0.583	ug/l	96
4) Vinyl Chloride	2.512	62	1427	0.536	ug/l #	40
5) Bromomethane	2.959	94	1450	0.947	ug/l	82
6) Chloroethane	3.124	64	1103	0.634	ug/l #	85
7) Trichlorofluoromethane	3.500	101	1838	0.527	ug/l #	83
8) Diethyl Ether	3.971	74	338	0.272	ug/l #	11
9) 1,1,2-Trichlorotrifluo...	4.383	101	968	0.475	ug/l #	38
10) Methyl Iodide	4.600	142	679	0.331	ug/l #	40
11) Tert butyl alcohol	5.530	59	1029	2.341	ug/l #	71
12) 1,1-Dichloroethene	4.353	96	1107	0.584	ug/l #	61
13) Acrolein	4.183	56	512	1.572	ug/l	94
14) Allyl chloride	5.024	41	2064	0.509	ug/l #	85
15) Acrylonitrile	5.724	53	2664	2.340	ug/l	94
16) Acetone	4.436	43	3380	3.009	ug/l	93
17) Carbon Disulfide	4.730	76	3409	0.557	ug/l #	74
18) Methyl Acetate	5.030	43	1644	0.588	ug/l #	47
19) Methyl tert-butyl Ether	5.800	73	3418	0.494	ug/l #	90
20) Methylene Chloride	5.277	84	1856	0.819	ug/l #	75
21) trans-1,2-Dichloroethene	5.765	96	1099m	0.532	ug/l	
22) Diisopropyl ether	6.683	45	3603	0.426	ug/l #	79
23) Vinyl Acetate	6.612	43	13694m	2.051	ug/l	
24) 1,1-Dichloroethane	6.577	63	2111	0.484	ug/l #	68
25) 2-Butanone	7.488	43	4429	2.601	ug/l	96
26) 2,2-Dichloropropane	7.483	77	1563	0.428	ug/l #	70
27) cis-1,2-Dichloroethene	7.488	96	1216	0.499	ug/l	76
28) Bromochloromethane	7.818	49	951	0.468	ug/l #	62
29) Tetrahydrofuran	7.847	42	2721	2.488	ug/l #	42
30) Chloroform	7.971	83	2220	0.533	ug/l	91
31) Cyclohexane	8.218	56	7349	1.680	ug/l #	37
32) 1,1,1-Trichloroethane	8.165	97	1824	0.493	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	1658	0.522	ug/l #	57
37) Ethyl Acetate	7.565	43	1697	0.477	ug/l #	68
38) Carbon Tetrachloride	8.359	117	1602	0.497	ug/l #	85
39) Methylcyclohexane	9.600	83	1645	0.472	ug/l	91
40) Benzene	8.612	78	4663	0.492	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	947m	0.453	ug/l	
42) 1,2-Dichloroethane	8.665	62	2066	0.567	ug/l #	73
43) Isopropyl Acetate	8.694	43	3027	0.480	ug/l #	67
44) Trichloroethene	9.347	130	1018	0.473	ug/l	70
45) 1,2-Dichloropropane	9.624	63	1096	0.448	ug/l	90
46) Dibromomethane	9.706	93	823	0.513	ug/l	87
47) Bromodichloromethane	9.888	83	1487	0.439	ug/l #	92
48) Methyl methacrylate	9.688	41	1482	0.493	ug/l #	68
49) 1,4-Dioxane	9.694	88	365	8.672	ug/l #	46
51) 4-Methyl-2-Pentanone	10.453	43	7982	2.229	ug/l #	81
52) Toluene	10.629	92	2753	0.484	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	1437	0.410	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	1373	0.370	ug/l #	59
55) 1,1,2-Trichloroethane	11.012	97	1018	0.492	ug/l #	76
56) Ethyl methacrylate	10.871	69	1394	0.397	ug/l #	54
57) 1,3-Dichloropropane	11.165	76	1686	0.436	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.159	63	3686	2.036	ug/l	91
59) 2-Hexanone	11.194	43	5075	1.935	ug/l	95
60) Dibromochloromethane	11.359	129	1071	0.469	ug/l	89
61) 1,2-Dibromoethane	11.459	107	824	0.388	ug/l	99
64) Tetrachloroethene	11.106	164	1101	0.549	ug/l	89
65) Chlorobenzene	11.888	112	2873	0.480	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	11.965	131	943	0.479	ug/l #	57
67) Ethyl Benzene	11.965	91	4696	0.439	ug/l	93
68) m/p-Xylenes	12.076	106	3408	0.869	ug/l	96
69) o-Xylene	12.400	106	1328	0.350	ug/l	68
70) Styrene	12.412	104	2488	0.394	ug/l	88
71) Bromoform	12.570	173	627	0.443	ug/l #	85
73) Isopropylbenzene	12.694	105	3827	0.432	ug/l	94
74) N-amyl acetate	12.494	43	2126	0.436	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.941	83	1132	0.443	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	1136m	0.484	ug/l	
77) Bromobenzene	12.982	156	1135	0.537	ug/l	91
78) n-propylbenzene	13.035	91	4950	0.472	ug/l	100
79) 2-Chlorotoluene	13.123	91	3179	0.482	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	3100	0.433	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	352m	0.351	ug/l	
82) 4-Chlorotoluene	13.223	91	3029	0.470	ug/l	89
83) tert-Butylbenzene	13.435	119	2926	0.467	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	3005	0.410	ug/l	94
85) sec-Butylbenzene	13.617	105	3571	0.411	ug/l	91
86) p-Isopropyltoluene	13.735	119	3274	0.464	ug/l	90
87) 1,3-Dichlorobenzene	13.741	146	1804	0.471	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	1859m	0.476	ug/l	
89) n-Butylbenzene	14.059	91	2592	0.408	ug/l	90
90) Hexachloroethane	14.335	117	479	0.366	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	2012	0.555	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	990	0.488	ug/l	89
94) Hexachlorobutadiene	15.506	225	302	0.339	ug/l #	67
95) Naphthalene	15.647	128	2265	0.356	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	718	0.353	ug/l	81

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

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

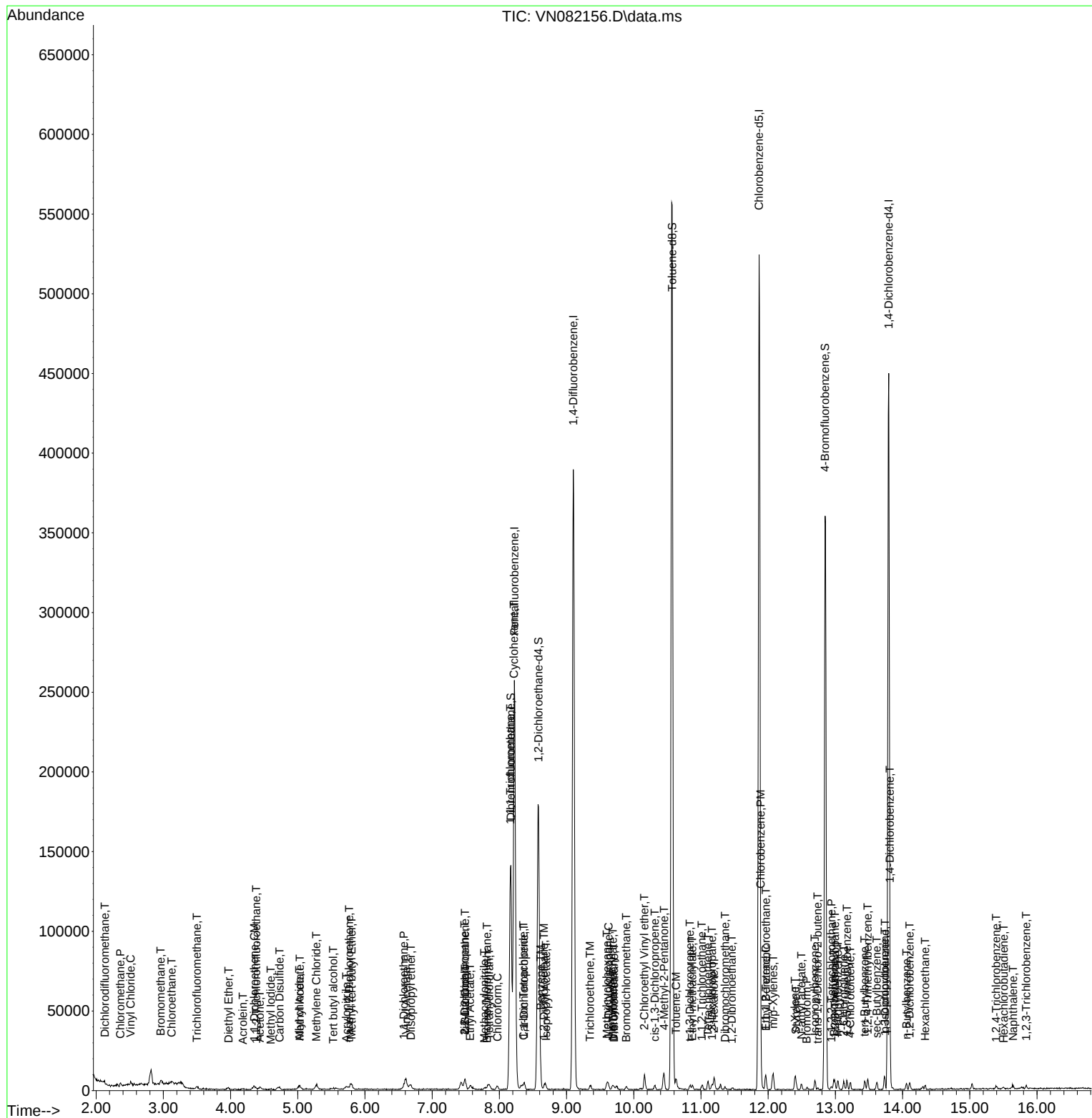
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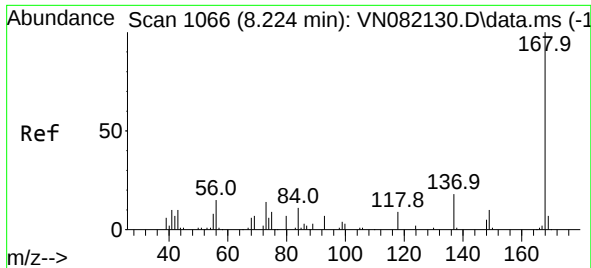
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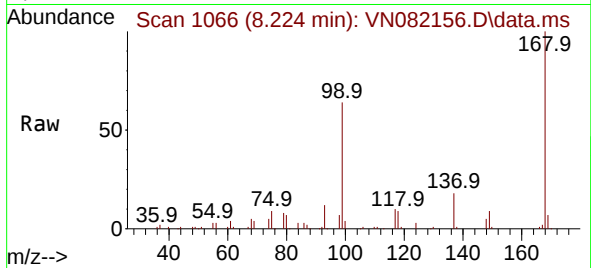
Reviewed By : Mahesh Dadoda 05/17/2024
 Supervised By : Semsettin Yesilyurt 05/17/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082156.D
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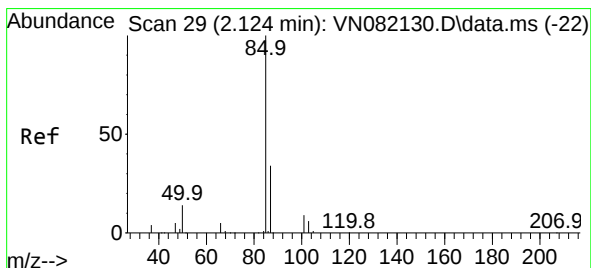
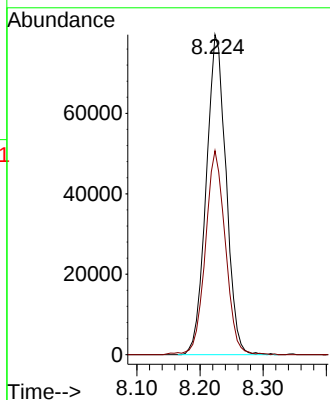
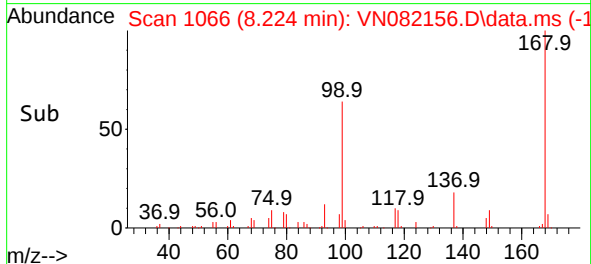
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:168 Resp: 173419
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4

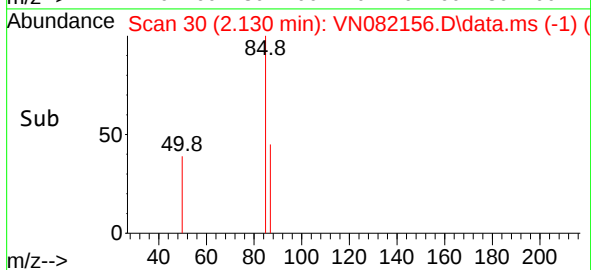
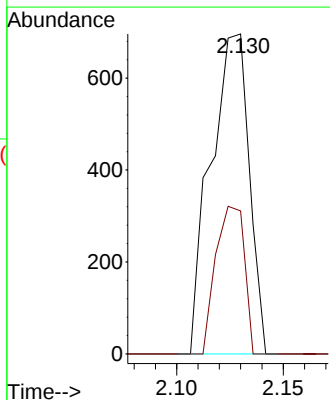
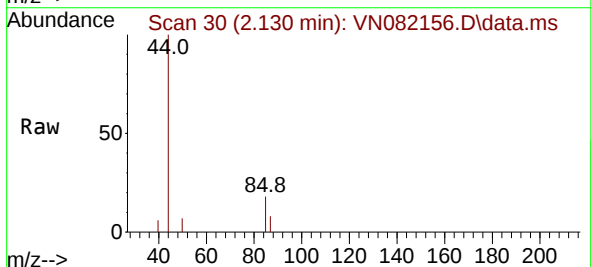
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#2
Dichlorodifluoromethane
Concen: 0.350 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

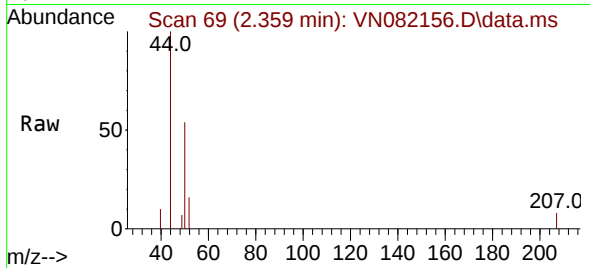
Tgt Ion: 85 Resp: 874
Ion Ratio Lower Upper
85 100
87 44.7 15.8 47.4





#3
Chloromethane
Concen: 0.583 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

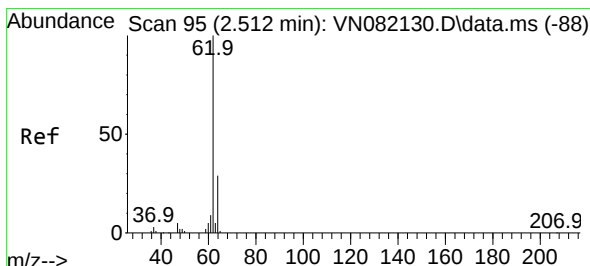
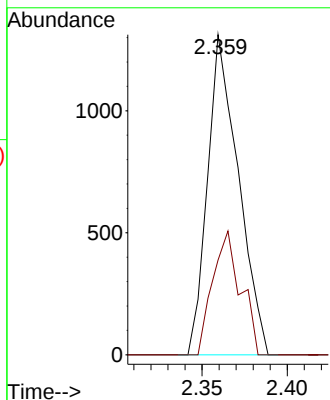
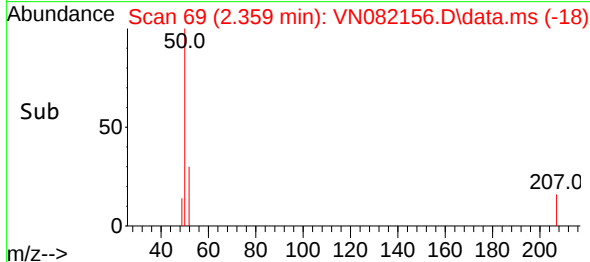
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



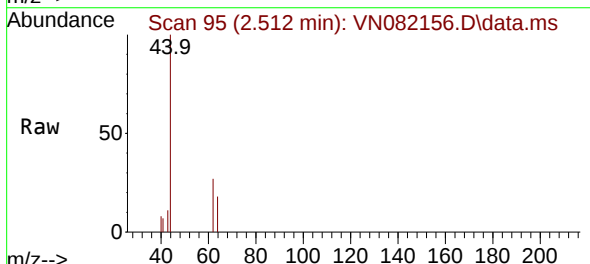
Tgt Ion: 50 Resp: 1652
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

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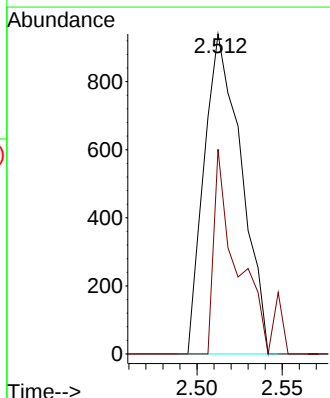
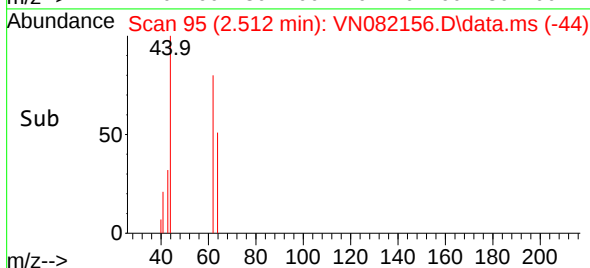
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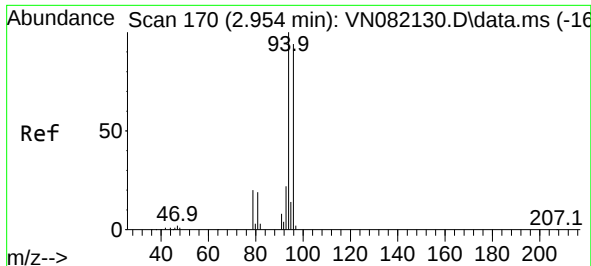


#4
Vinyl Chloride
Concen: 0.536 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55



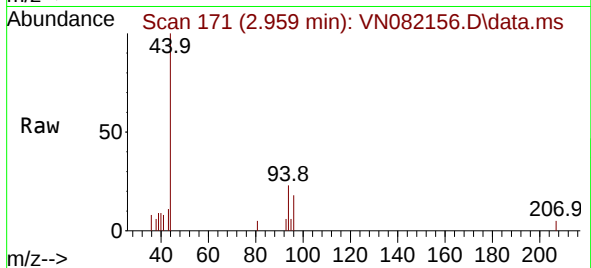
Tgt Ion: 62 Resp: 1427
Ion Ratio Lower Upper
62 100
64 63.9 24.6 37.0





#5
Bromomethane
Concen: 0.947 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

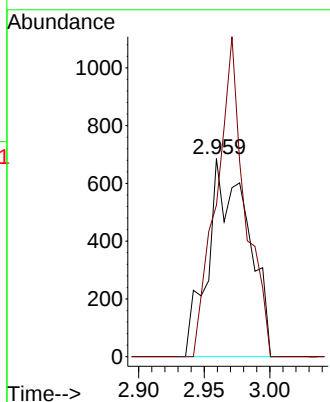
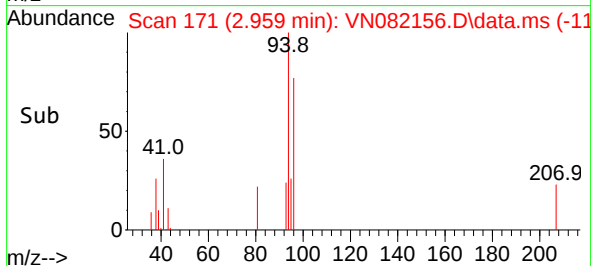
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 1450
Ion Ratio Lower Upper
94 100
96 76.5 74.8 112.2

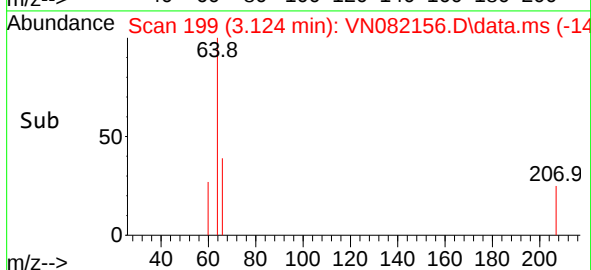
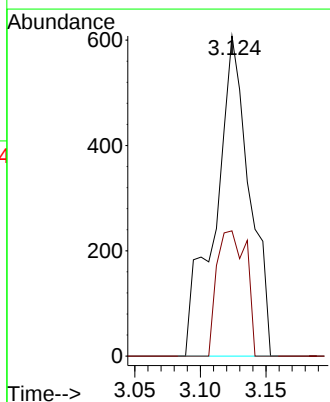
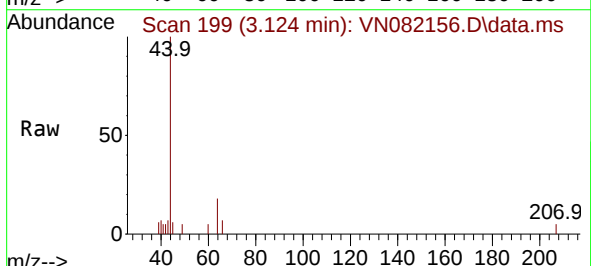
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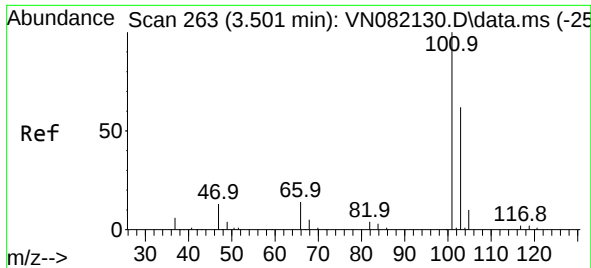
Reviewed By :Mahesh Dadoda 05/17/2024
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#6
Chloroethane
Concen: 0.634 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

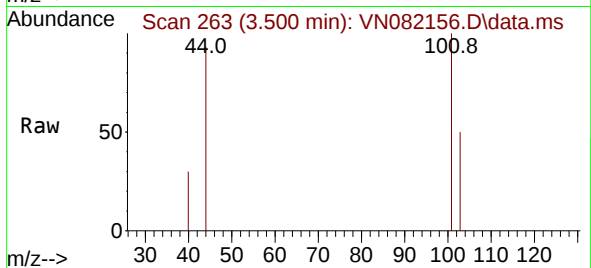
Tgt Ion: 64 Resp: 1103
Ion Ratio Lower Upper
64 100
66 39.1 24.7 37.1#





#7
Trichlorofluoromethane
Concen: 0.527 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN082156.D
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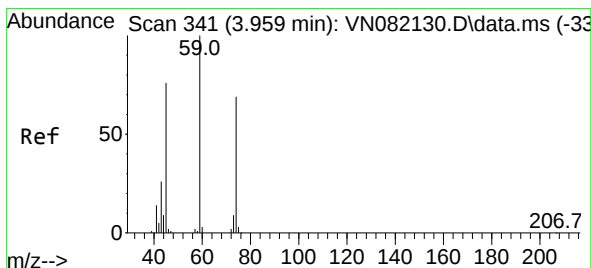
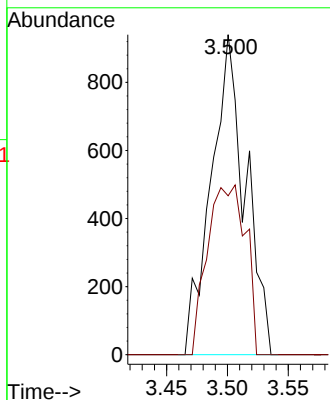
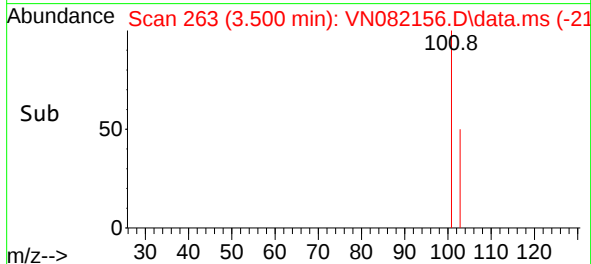
Instrument :
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Tgt Ion: 101 Resp: 1838
Ion Ratio Lower Upper
101 100
103 49.7 50.6 75.8

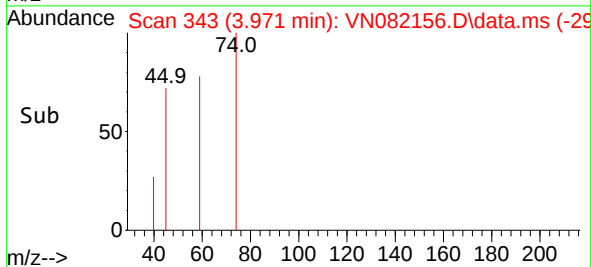
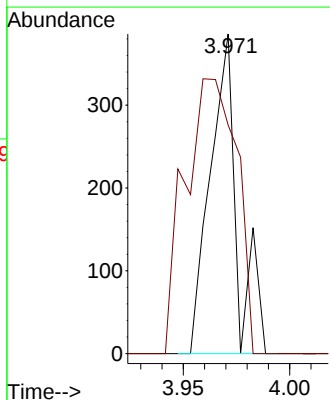
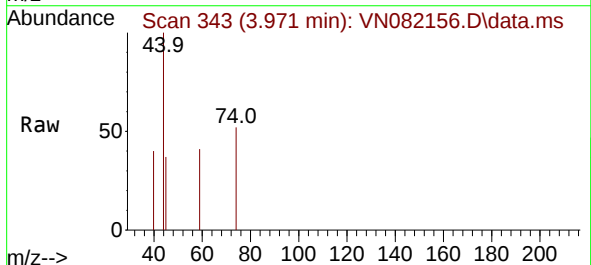
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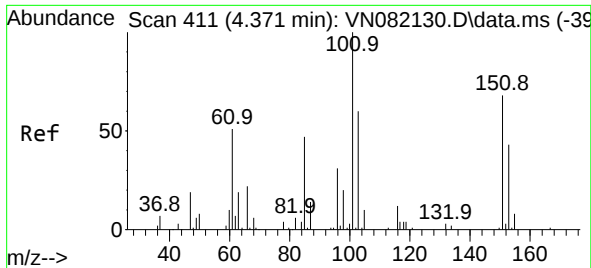
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#8
Diethyl Ether
Concen: 0.272 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 74 Resp: 338
Ion Ratio Lower Upper
74 100
45 166.0 42.4 127.3





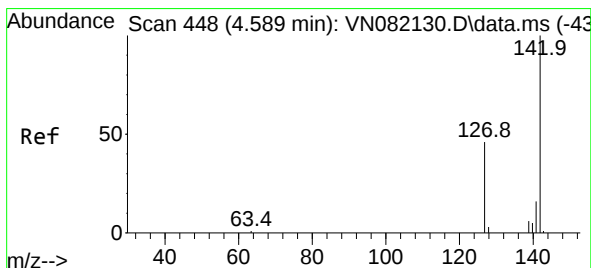
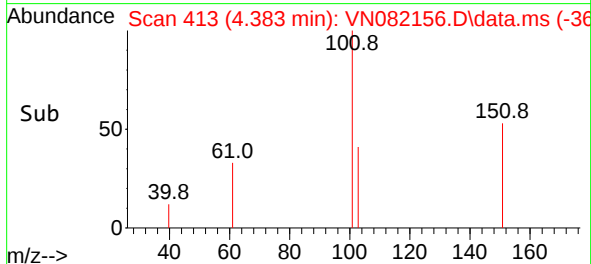
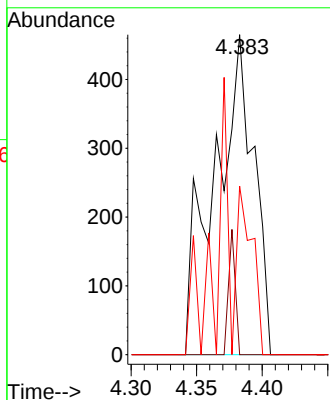
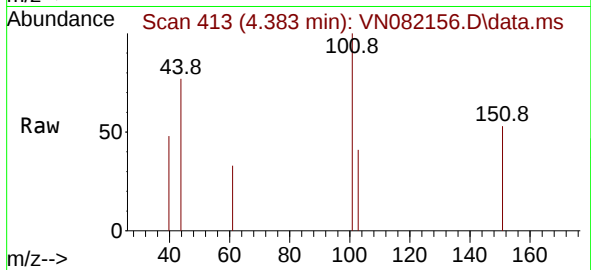
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.475 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:101 Resp: 968
Ion Ratio Lower Upper
101 100
85 6.6 37.3 55.9#
151 21.2 59.2 88.8#

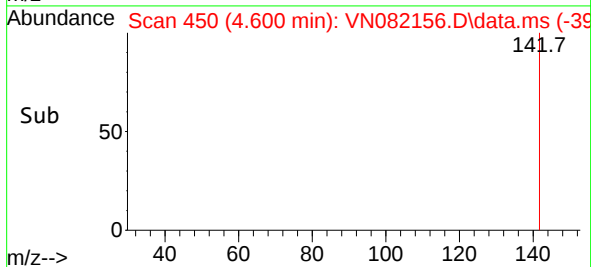
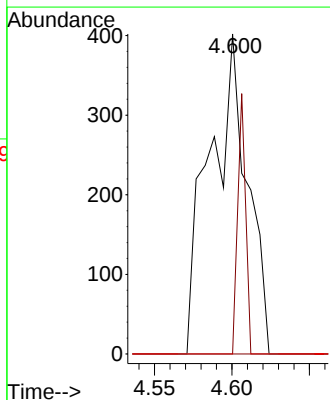
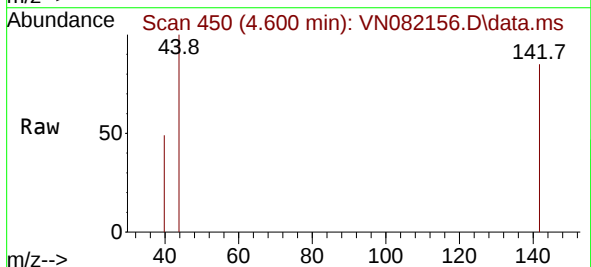
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#10
Methyl Iodide
Concen: 0.331 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion:142 Resp: 679
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.341 ug/l

RT: 5.530 min Scan# 606

Delta R.T. 0.012 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 59 Resp: 1029

Ion Ratio Lower Upper

59 100

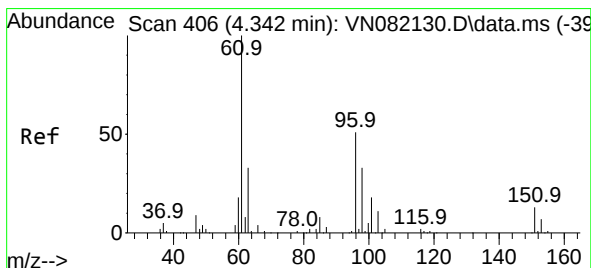
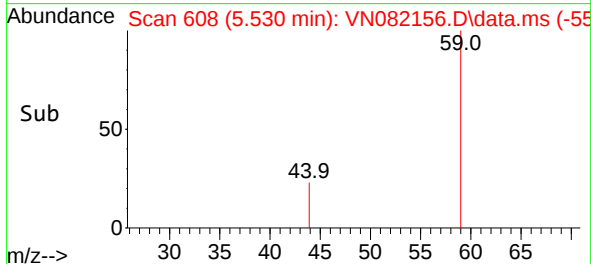
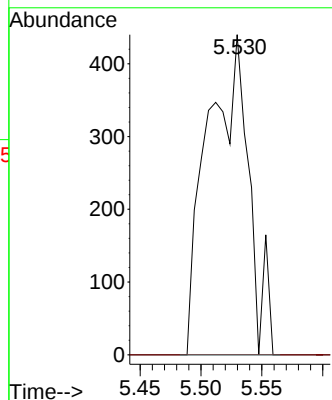
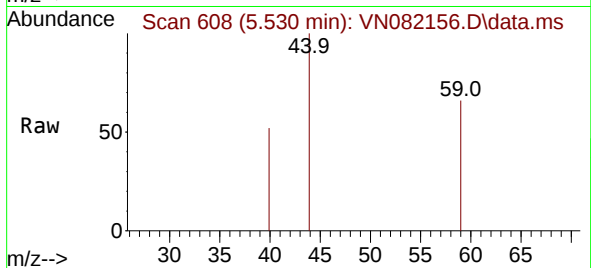
57 0.0 8.9 13.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/17/2024

Supervised By :Semsettin Yesilyurt 05/17/2024



#12

1,1-Dichloroethene

Concen: 0.584 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.012 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

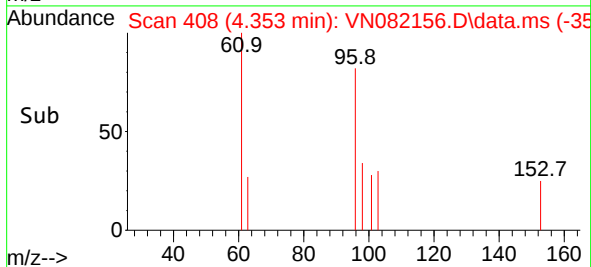
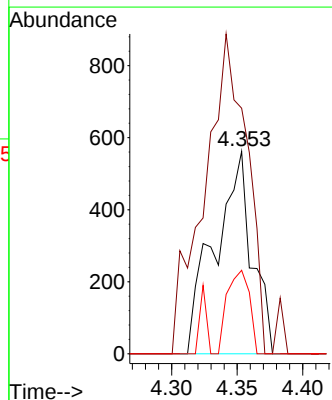
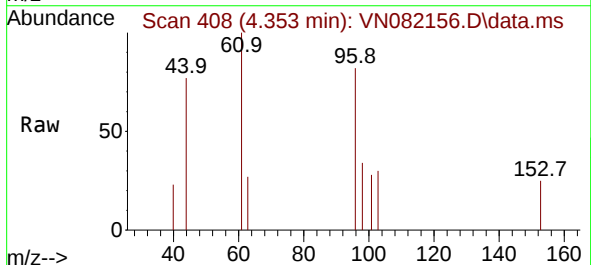
Tgt Ion: 96 Resp: 1107

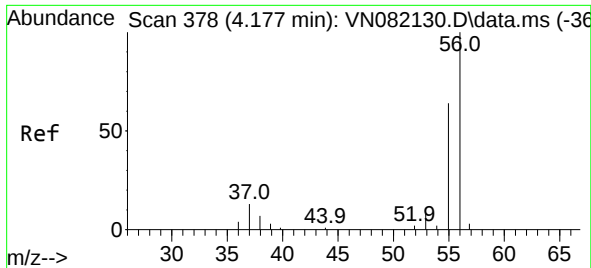
Ion Ratio Lower Upper

96 100

61 93.8 119.7 179.5#

98 41.3 49.6 74.4#





#13

Acrolein

Concen: 1.572 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

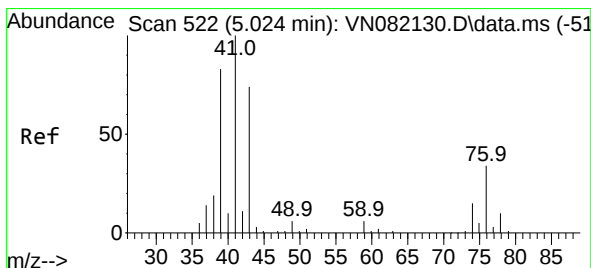
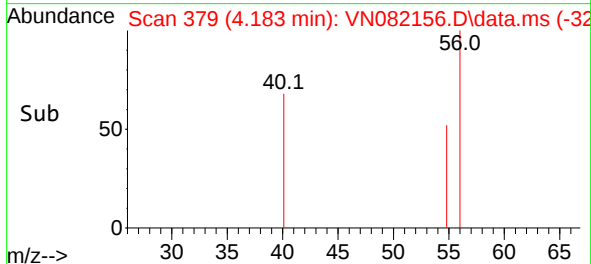
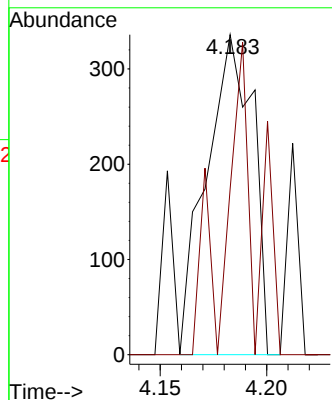
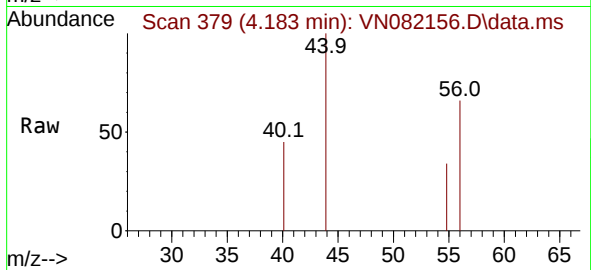
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 512
 Ion Ratio Lower Upper
 56 100
 55 65.0 55.8 83.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024



#14

Allyl chloride

Concen: 0.509 ug/l

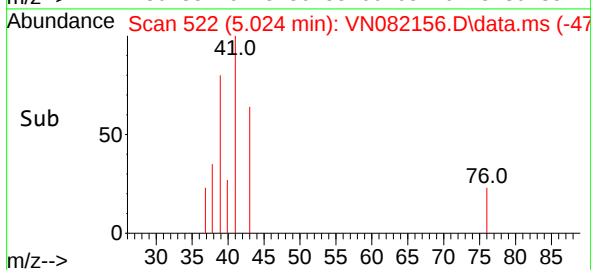
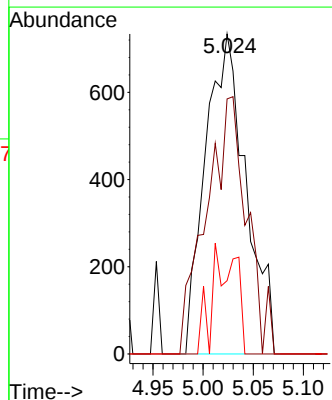
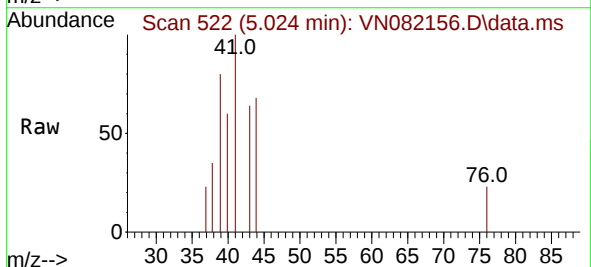
RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

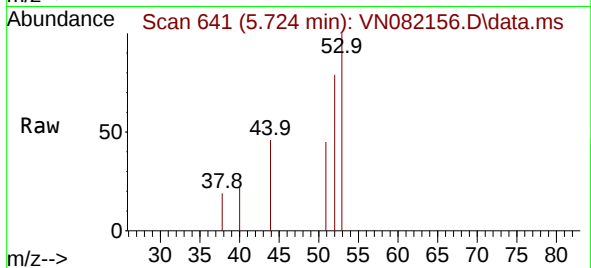
Tgt Ion: 41 Resp: 2064
 Ion Ratio Lower Upper
 41 100
 39 80.5 65.4 98.0
 76 20.1 37.3 55.9#





#15
Acrylonitrile
Concen: 2.340 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

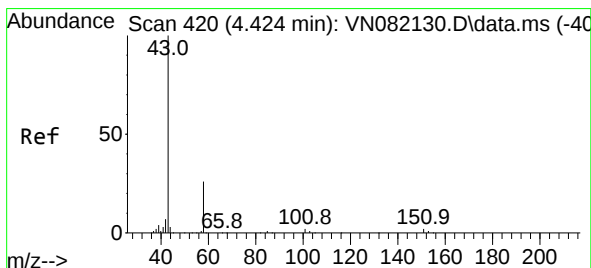
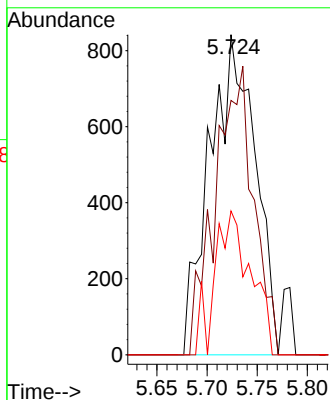
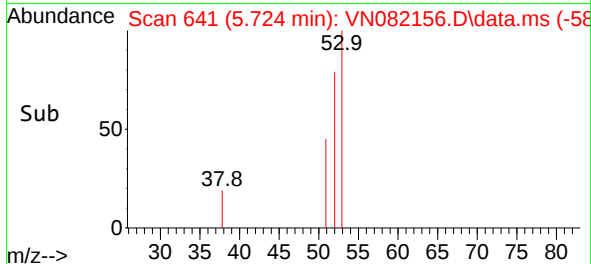
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 53 Resp: 2664
Ion Ratio Lower Upper
53 100
52 76.1 66.1 99.1
51 35.6 29.4 44.2

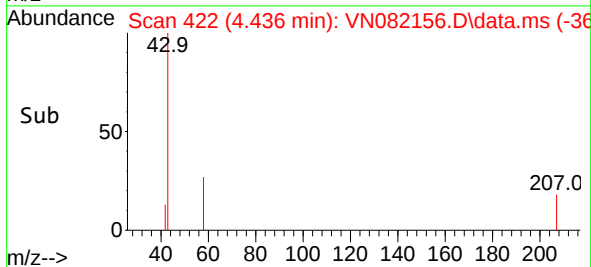
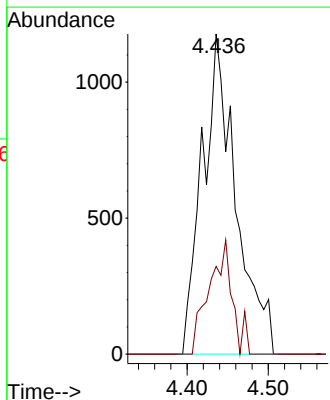
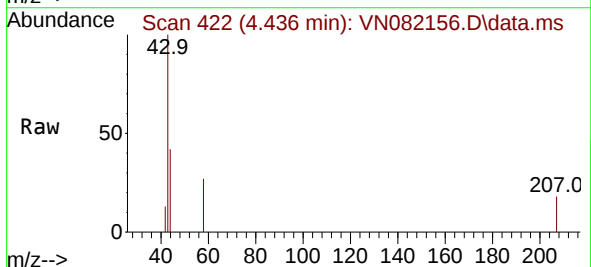
Manual Integrations
APPROVED

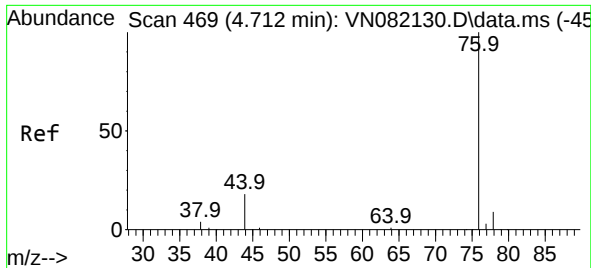
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#16
Acetone
Concen: 3.009 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

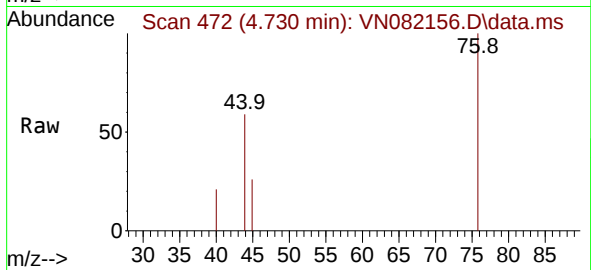
Tgt Ion: 43 Resp: 3380
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8





#17
Carbon Disulfide
Concen: 0.557 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

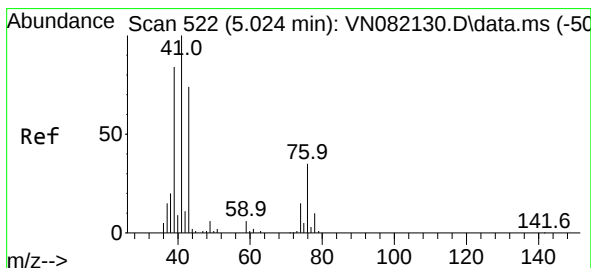
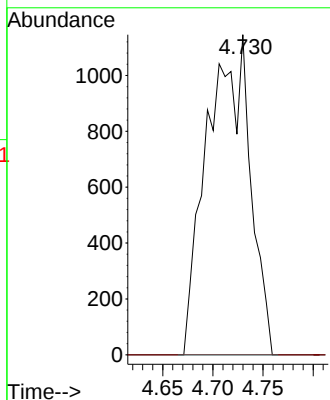
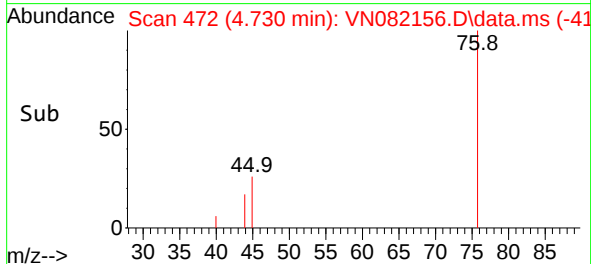
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 76 Resp: 3409
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

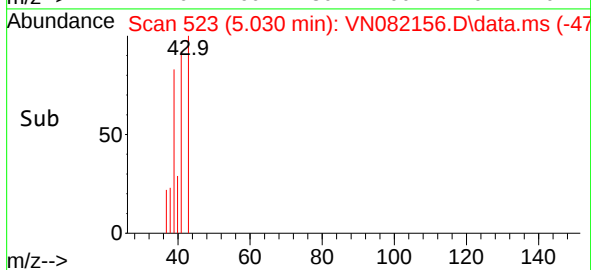
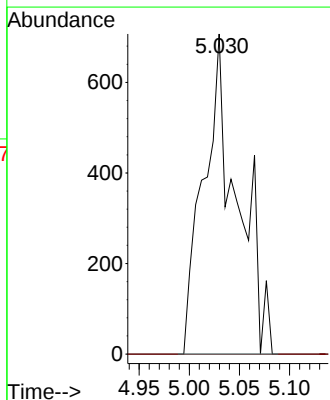
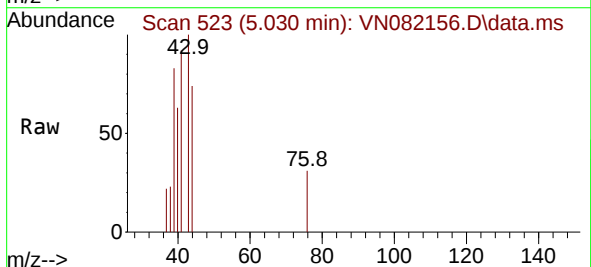
Manual Integrations
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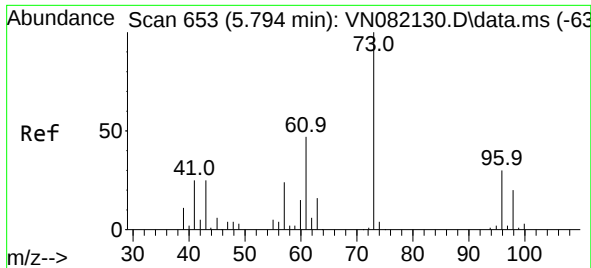
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#18
Methyl Acetate
Concen: 0.588 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#





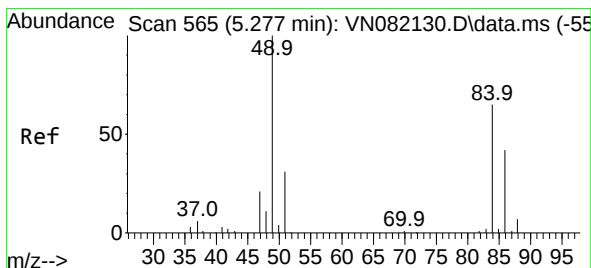
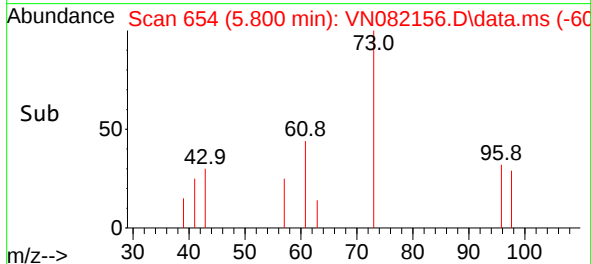
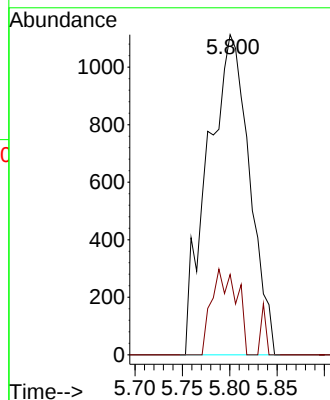
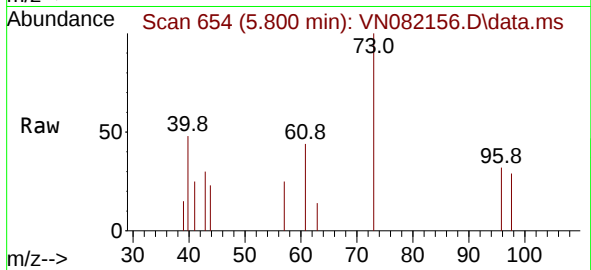
#19
Methyl tert-butyl Ether
Concen: 0.494 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 73 Resp: 3418
Ion Ratio Lower Upper
73 100
57 25.1 16.5 24.7

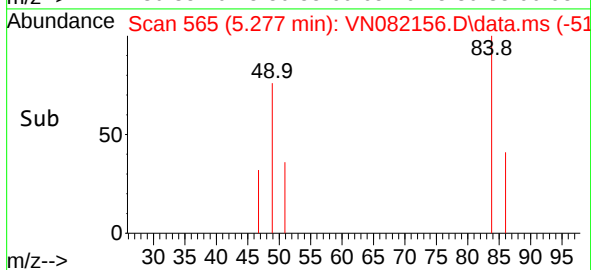
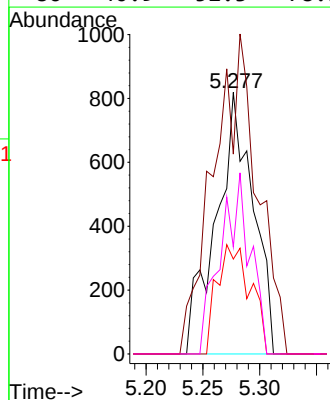
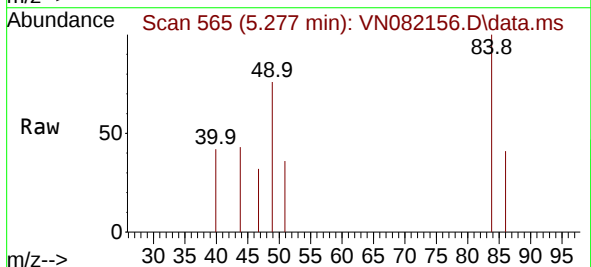
Manual Integrations
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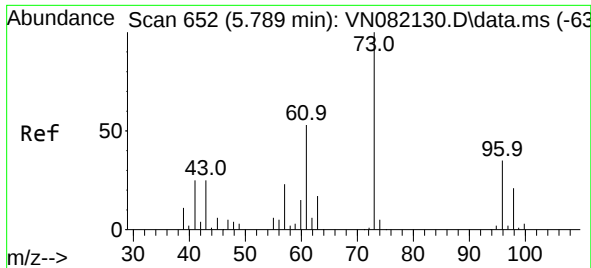
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#20
Methylene Chloride
Concen: 0.819 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 84 Resp: 1856
Ion Ratio Lower Upper
84 100
49 76.4 84.9 127.3#
51 36.3 27.0 40.6
86 40.9 52.3 78.5#





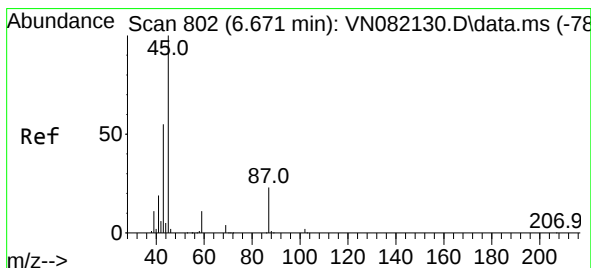
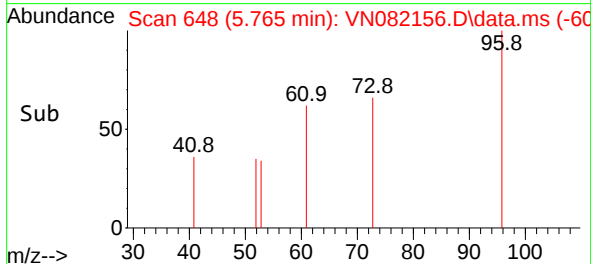
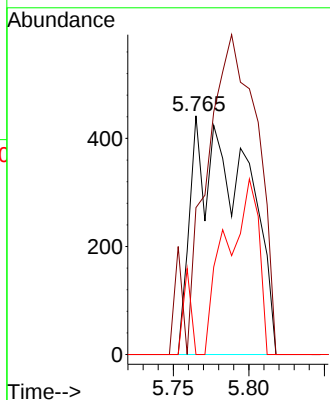
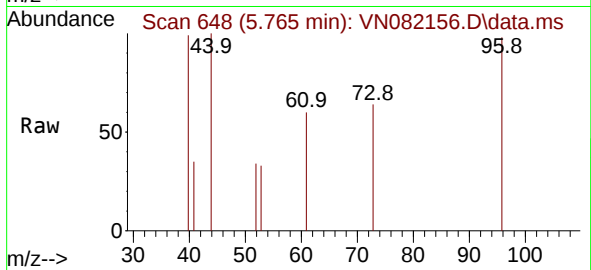
#21
trans-1,2-Dichloroethene
Concen: 0.532 ug/l m
RT: 5.765 min Scan# 648
Delta R.T. -0.024 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 96 Resp: 1099
Ion Ratio Lower Upper
96 100
61 61.5 96.5 144.7
98 0.0 51.3 76.9

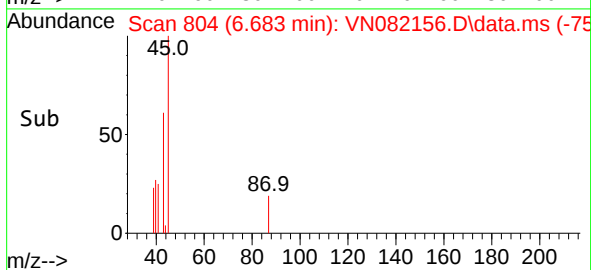
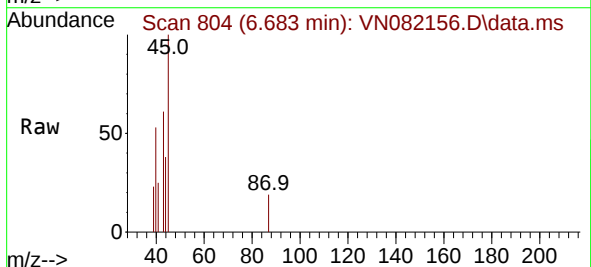
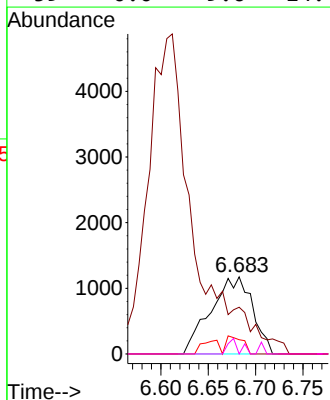
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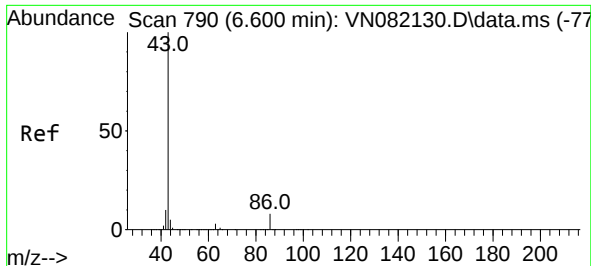
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#22
Diisopropyl ether
Concen: 0.426 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.012 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

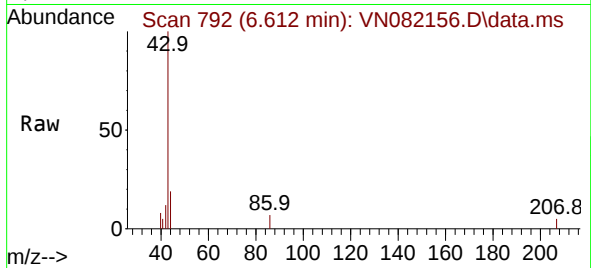
Tgt Ion: 45 Resp: 3603
Ion Ratio Lower Upper
45 100
43 43.8 44.1 66.1#
87 18.6 27.0 40.6#
59 0.0 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 2.051 ug/l m
 RT: 6.612 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55

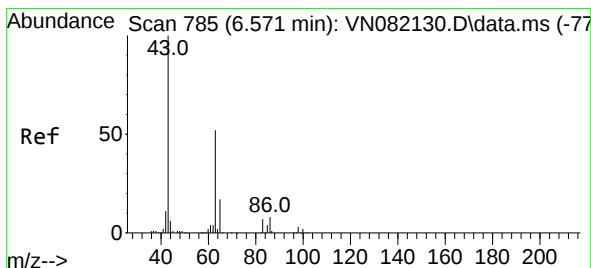
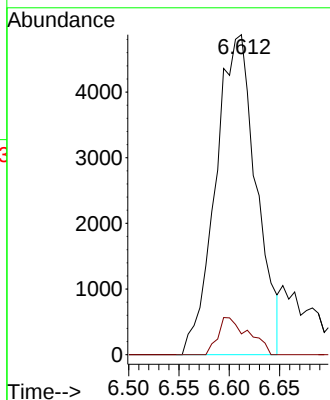
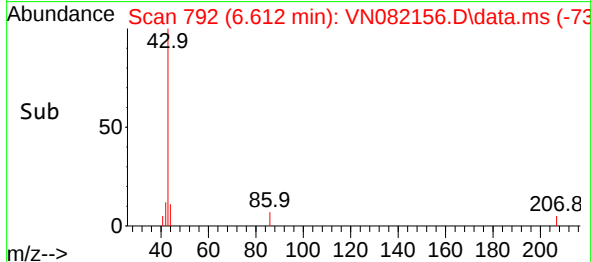
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 13694
 Ion Ratio Lower Upper
 43 100
 86 6.5 10.2 15.4#

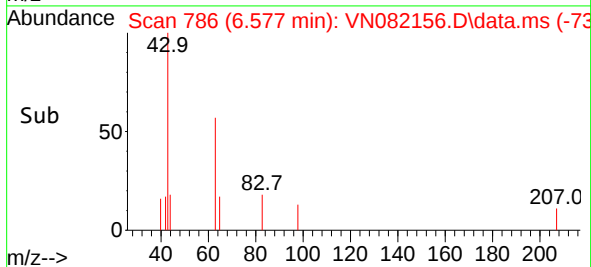
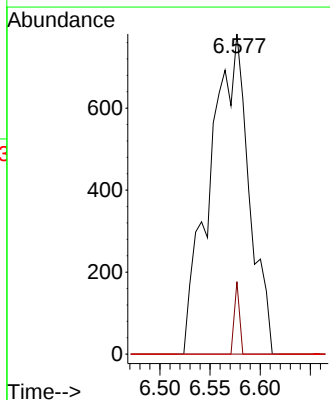
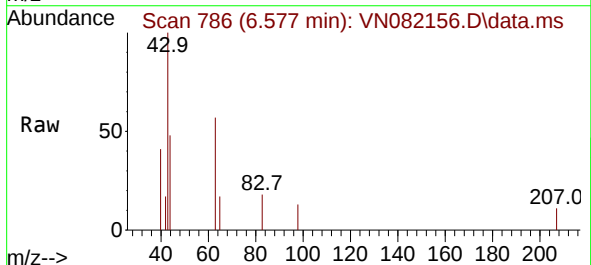
Manual Integrations
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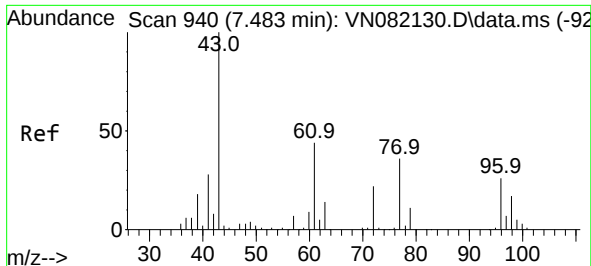
Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024



#24
 1,1-Dichloroethane
 Concen: 0.484 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55

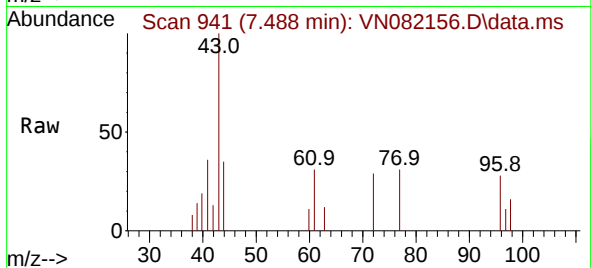
Tgt Ion: 63 Resp: 2111
 Ion Ratio Lower Upper
 63 100
 98 22.7 3.6 10.9#
 100 0.0 2.6 7.8#





#25
2-Butanone
Concen: 2.601 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

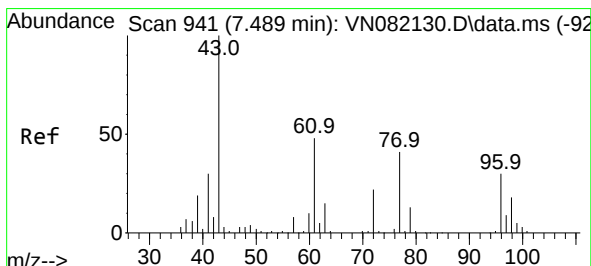
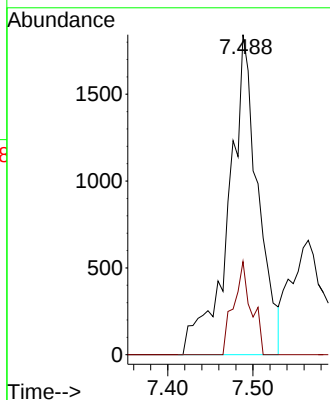
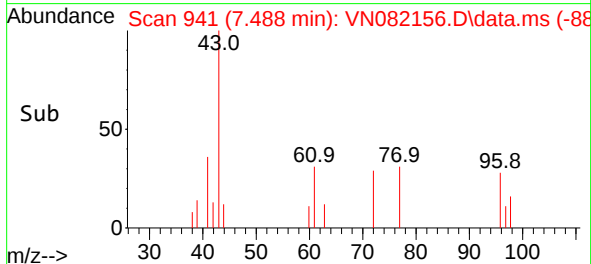
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 4429
Ion Ratio Lower Upper
43 100
72 29.1 25.3 37.9

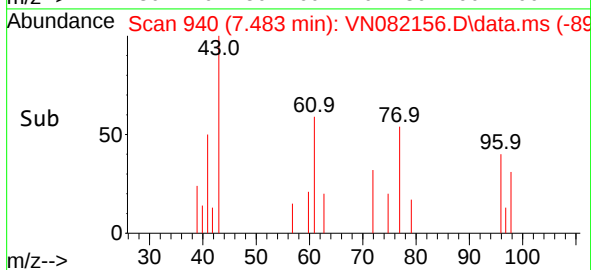
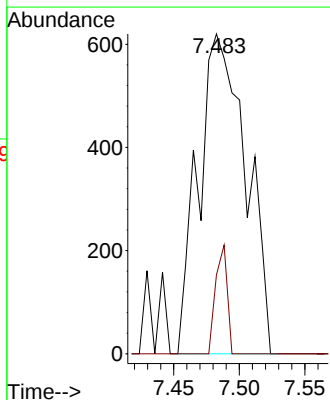
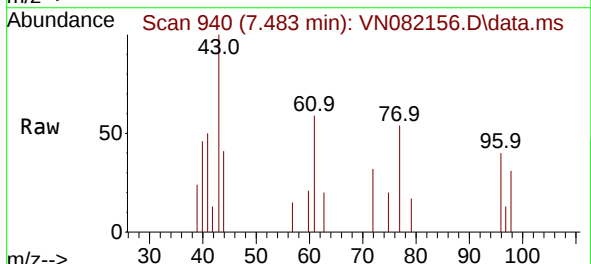
Manual Integrations
APPROVED

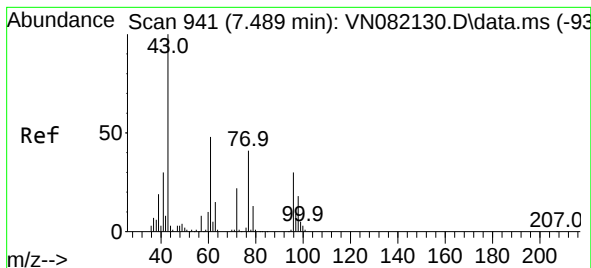
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#26
2,2-Dichloropropane
Concen: 0.428 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 77 Resp: 1563
Ion Ratio Lower Upper
77 100
97 8.2 11.3 33.9#





#27

cis-1,2-Dichloroethene

Concen: 0.499 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN082156.D

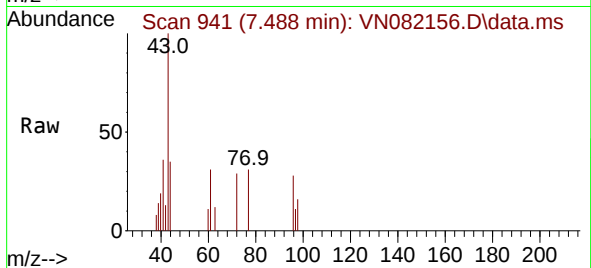
Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

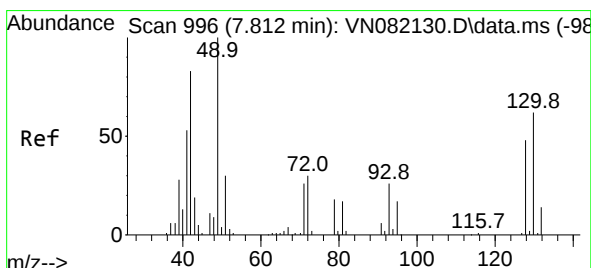
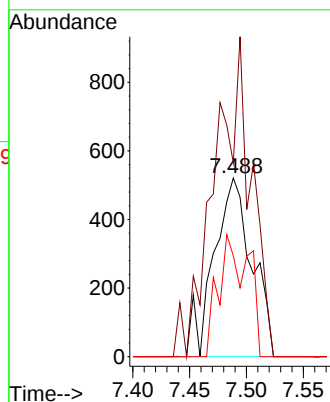
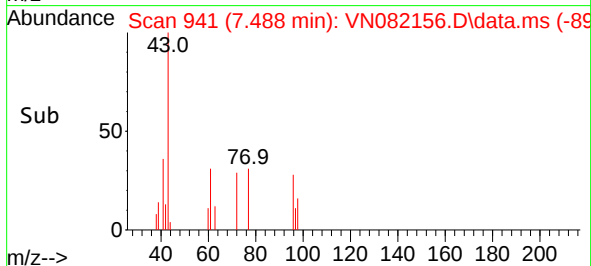


Tgt Ion:	96	Resp:	1210
Ion	Ratio	Lower	Upper
96	100		
61	100.1	0.0	268.0
98	53.3	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#28

Bromochloromethane

Concen: 0.468 ug/l

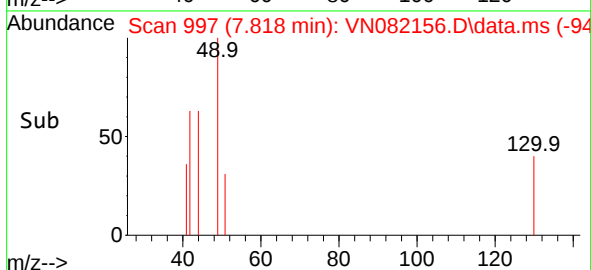
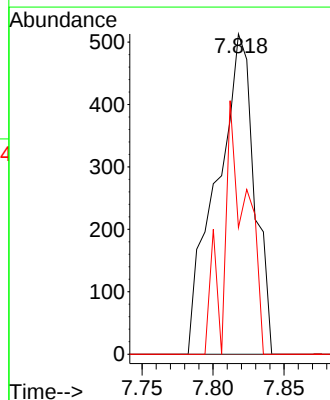
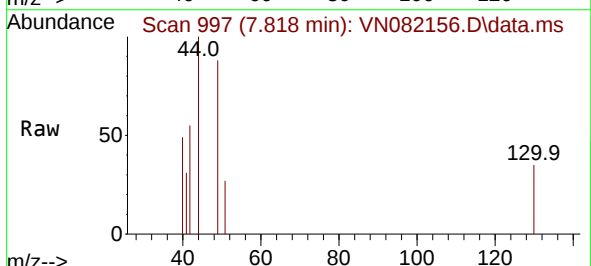
RT: 7.818 min Scan# 997

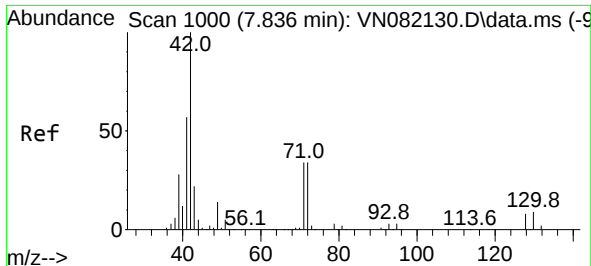
Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Tgt Ion:	49	Resp:	951
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	48.1	66.7	100.1





#29

Tetrahydrofuran

Concen: 2.488 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.011 min

Lab File: VN082156.D

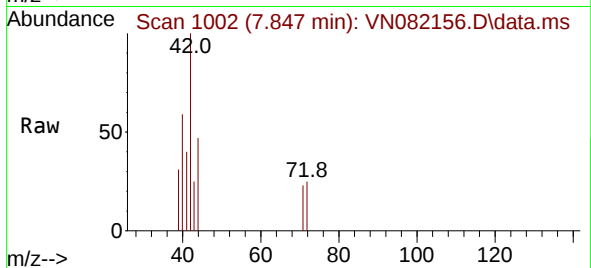
Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



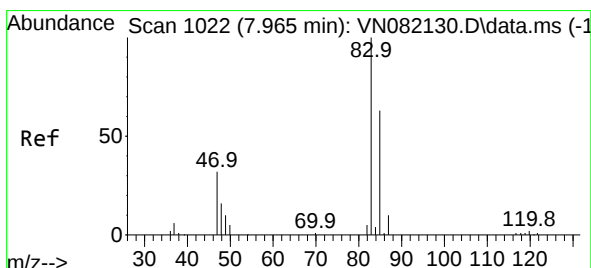
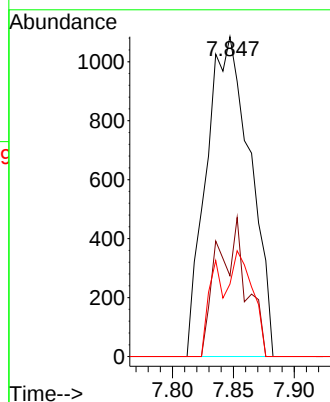
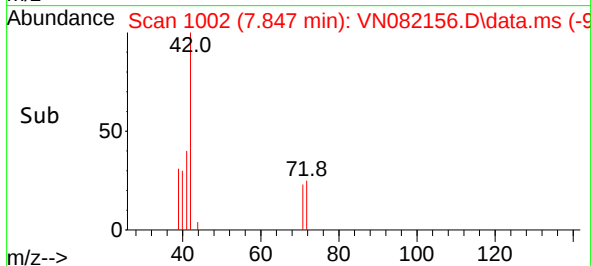
Tgt Ion:	42	Resp:	272
Ion Ratio	100	Lower	Upper
42	100		
72	0.0	39.3	58.9
71	17.2	37.4	56.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/17/2024

Supervised By :Semsettin Yesilyurt 05/17/2024



#30

Chloroform

Concen: 0.533 ug/l

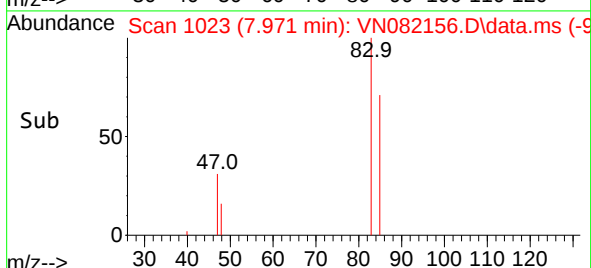
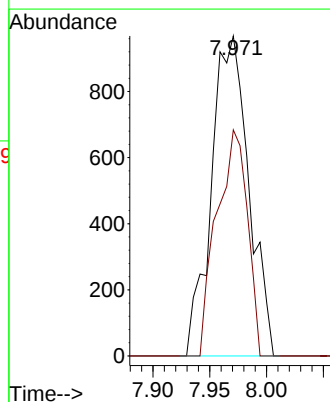
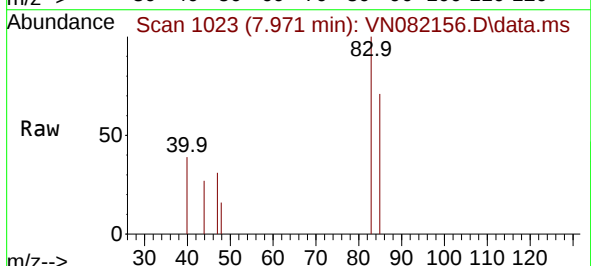
RT: 7.971 min Scan# 1023

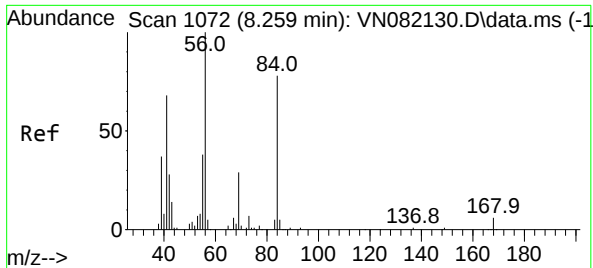
Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

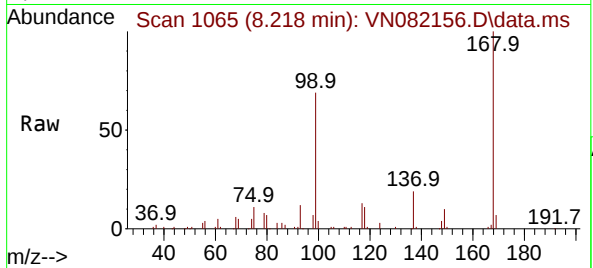
Tgt Ion:	83	Resp:	2220
Ion Ratio	100	Lower	Upper
83	100		
85	70.7	50.7	76.1





#31
Cyclohexane
Concen: 1.680 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

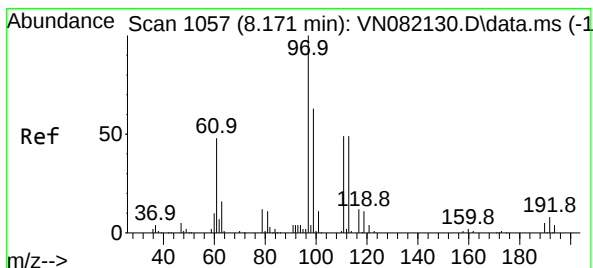
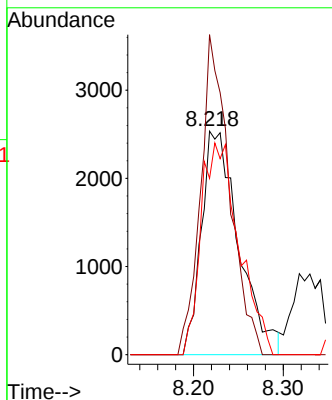
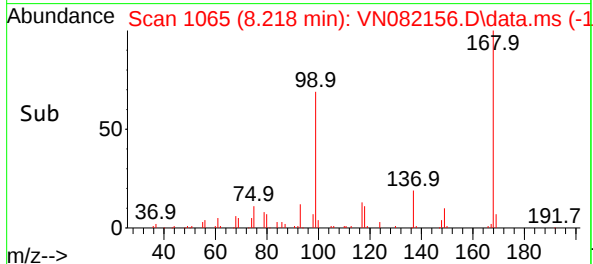
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 56 Resp: 7349
Ion Ratio Lower Upper
56 100
69 143.2 24.4 36.6
84 78.9 77.0 115.4

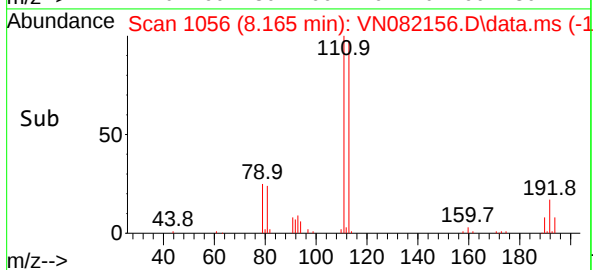
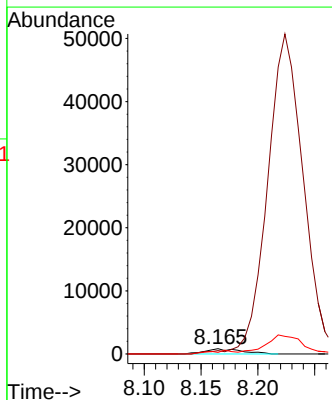
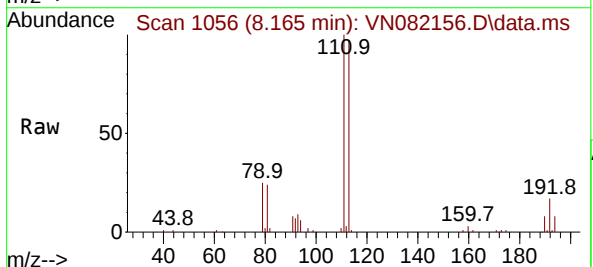
Manual Integrations
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Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#32
1,1,1-Trichloroethane
Concen: 0.493 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 97 Resp: 1824
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 45.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 54.112 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 14817

Ion Ratio Lower Upper

65 100

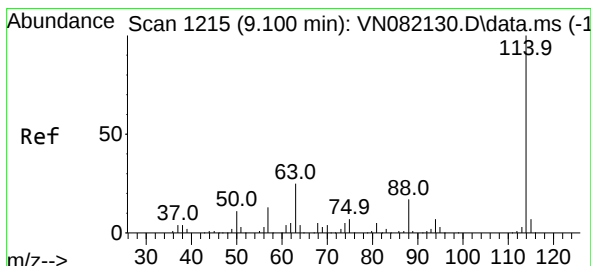
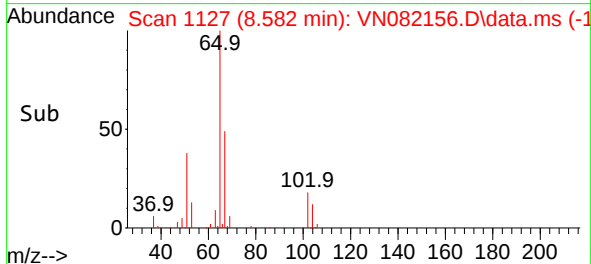
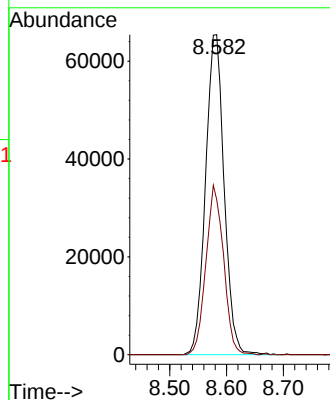
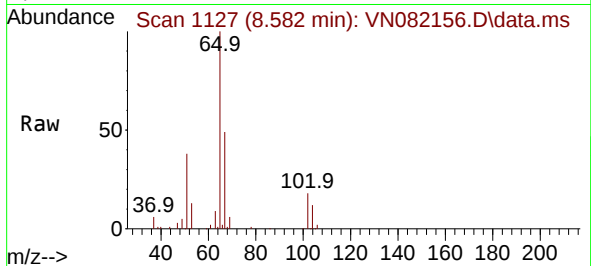
67 50.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024

Supervised By :Semsettin Yesilyurt 05/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

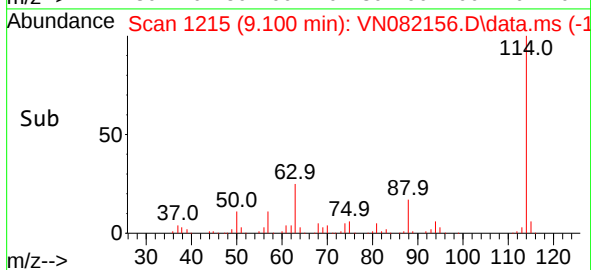
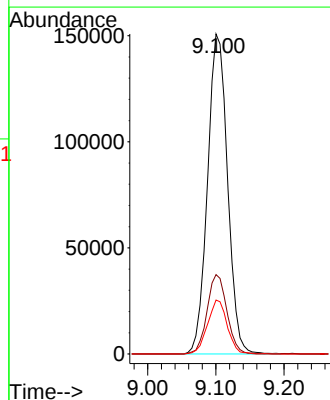
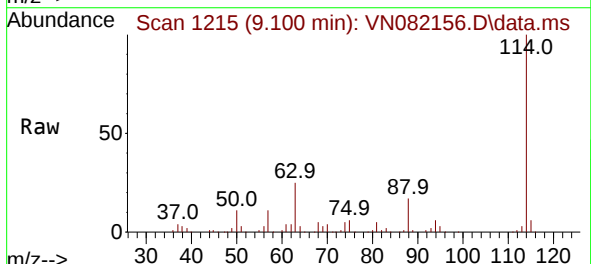
Tgt Ion:114 Resp: 308122

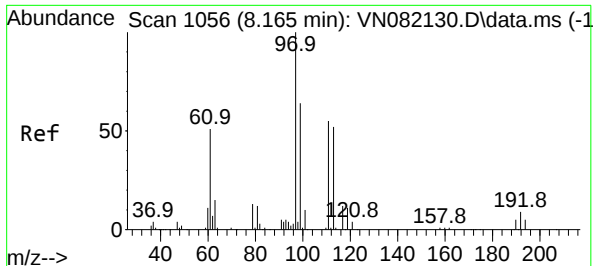
Ion Ratio Lower Upper

114 100

63 24.8 0.0 41.0

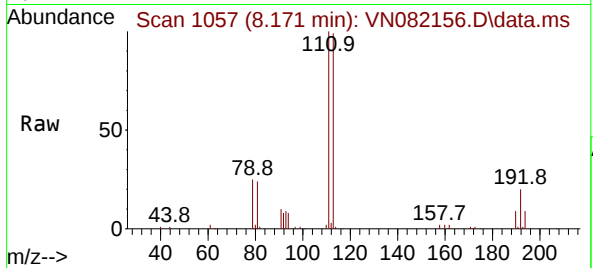
88 16.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.213 ug/l
RT: 8.171 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

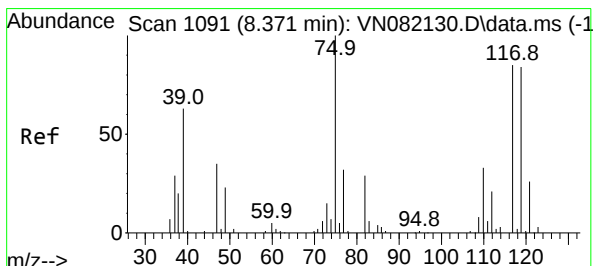
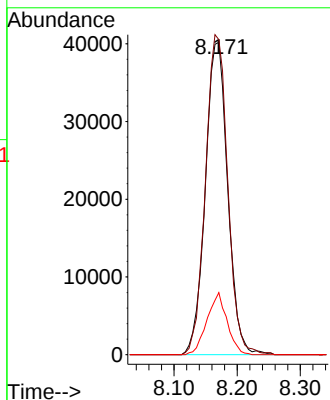
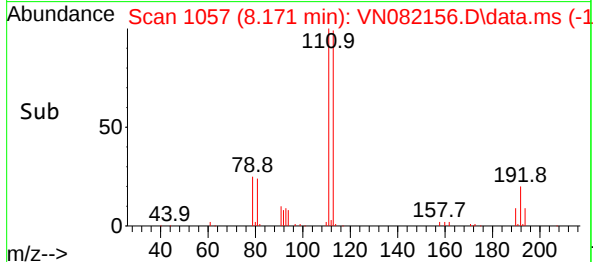
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



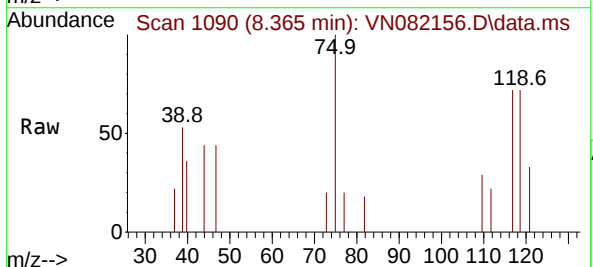
Tgt Ion: 113 Resp: 9896
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 17.9 14.0 21.0

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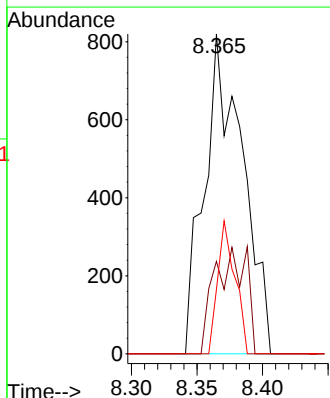
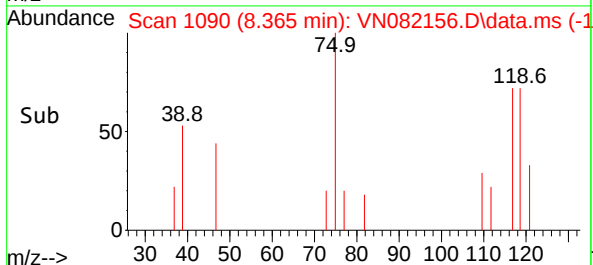
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024

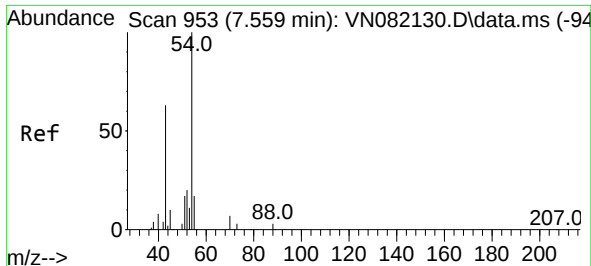


#36
1,1-Dichloropropene
Concen: 0.522 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55



Tgt Ion: 75 Resp: 1658
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 18.8 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.477 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082156.D

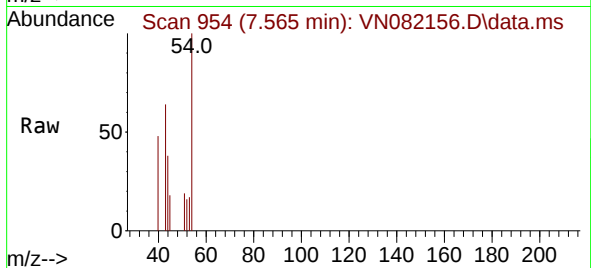
Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

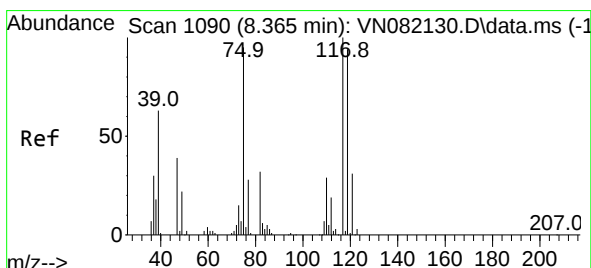
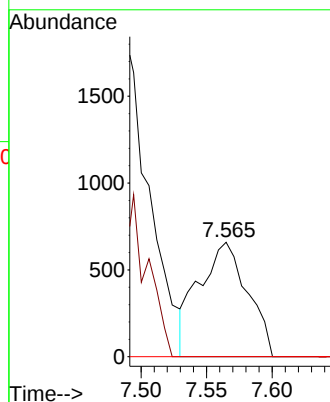
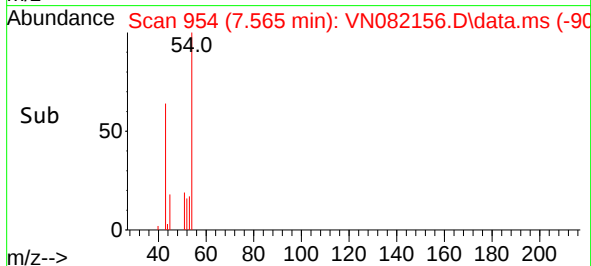
MDL-WATER-03-QT2-2024



Tgt Ion:	43	Resp:	169
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9
70	0.0	8.7	13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#38

Carbon Tetrachloride

Concen: 0.497 ug/l

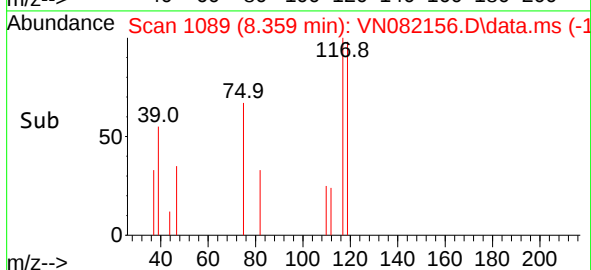
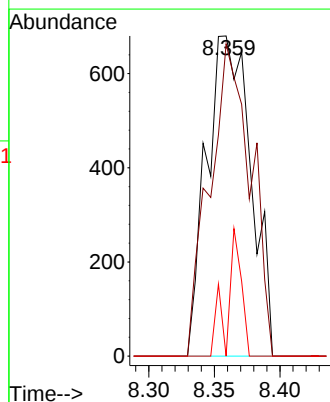
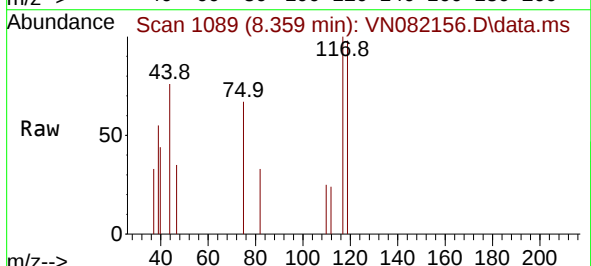
RT: 8.359 min Scan# 1089

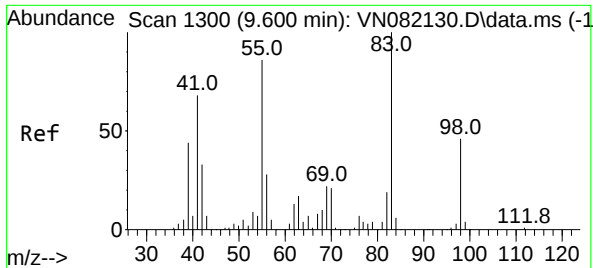
Delta R.T. -0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

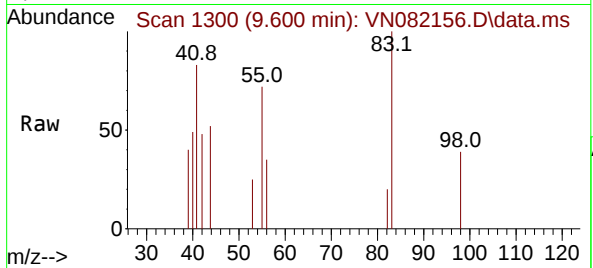
Tgt Ion:	117	Resp:	1602
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.5	114.7
121	0.0	23.9	35.9





#39
Methylcyclohexane
Concen: 0.472 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

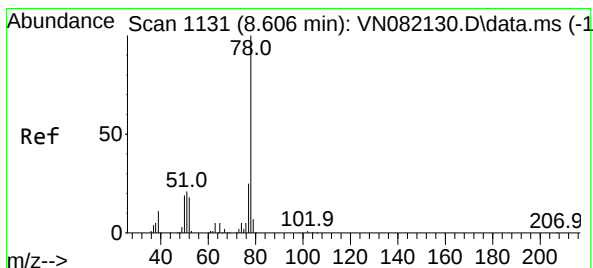
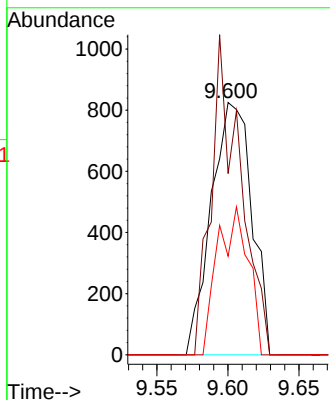
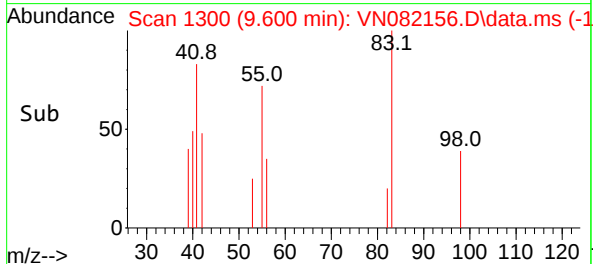
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 83 Resp: 164
Ion Ratio Lower Upper
83 100
55 71.9 53.0 79.6
98 39.0 37.1 55.7

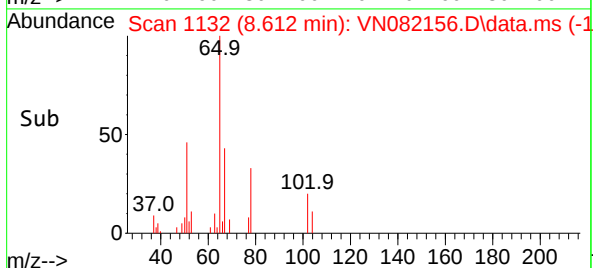
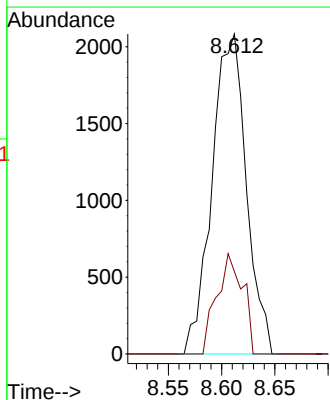
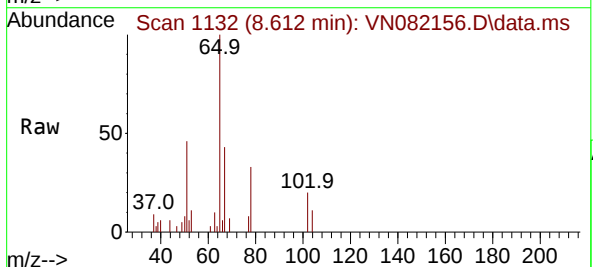
Manual Integrations
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Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#40
Benzene
Concen: 0.492 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

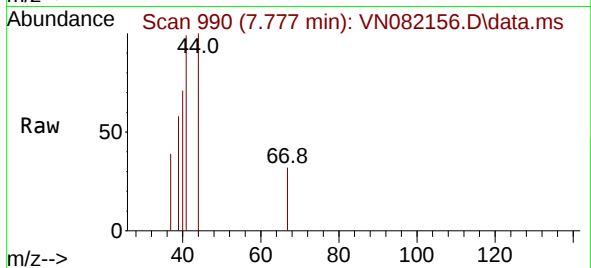
Tgt Ion: 78 Resp: 4663
Ion Ratio Lower Upper
78 100
77 25.8 20.0 30.0





#41
Methacrylonitrile
Concen: 0.453 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

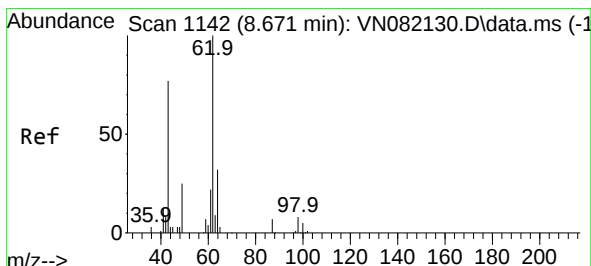
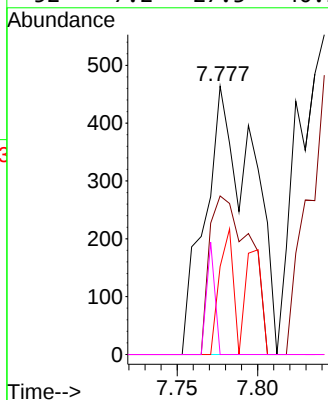
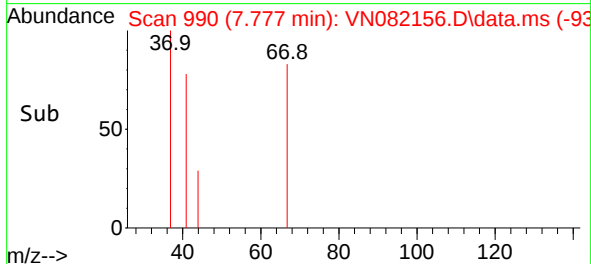
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.1	46.6	69.8
67	13.7	67.3	100.9
52	7.2	27.3	40.9

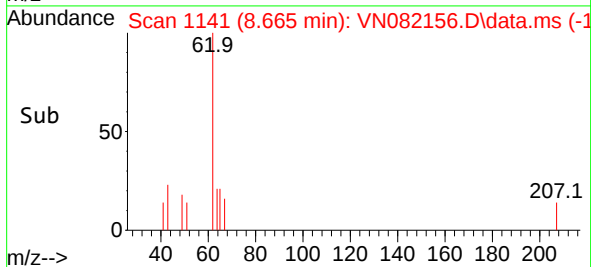
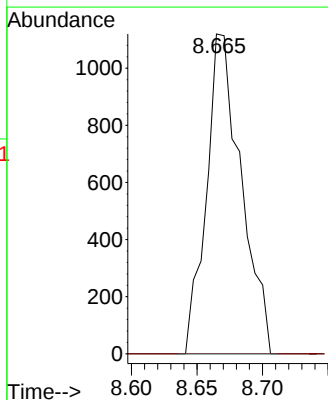
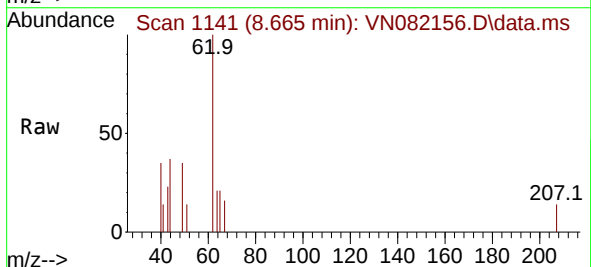
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APPROVED

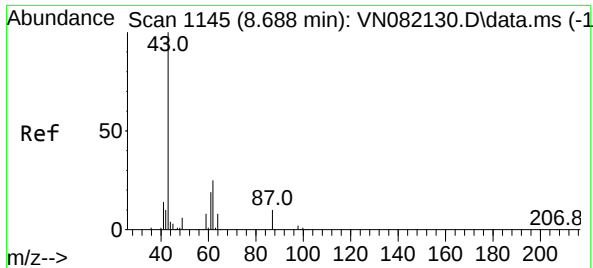
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#42
1,2-Dichloroethane
Concen: 0.567 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

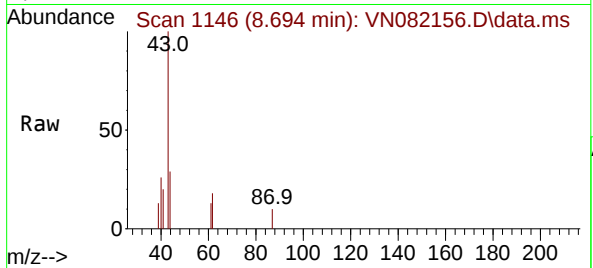
Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.6





#43
Isopropyl Acetate
Concen: 0.480 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

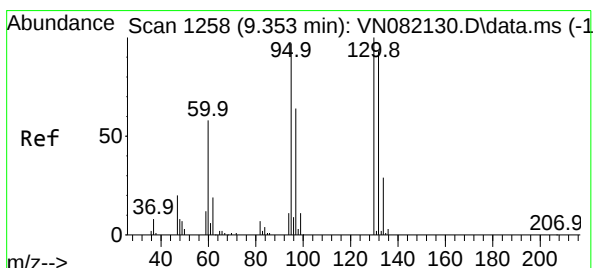
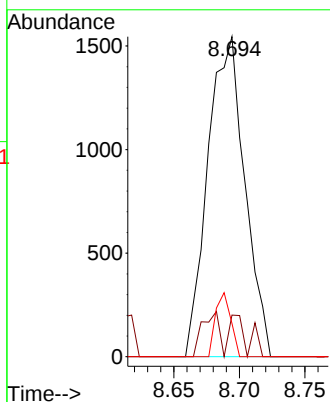
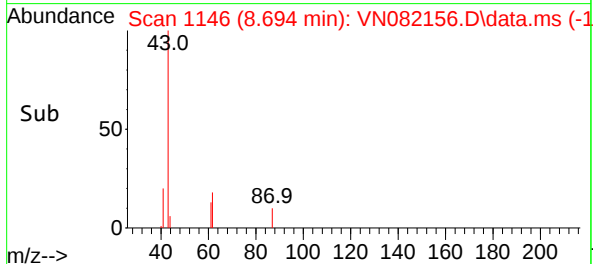
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
61 6.6 22.8 34.2
87 8.2 12.0 18.0

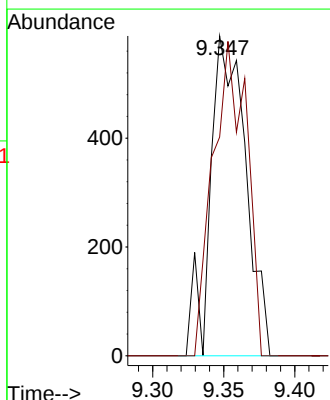
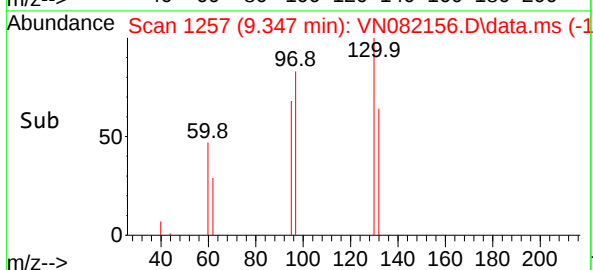
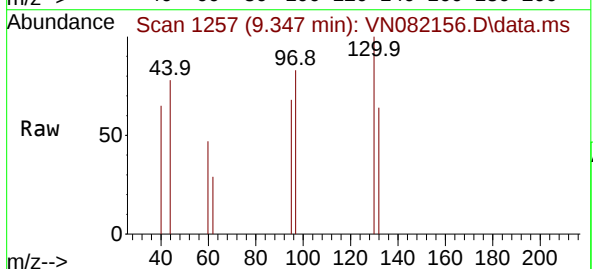
Manual Integrations
APPROVED

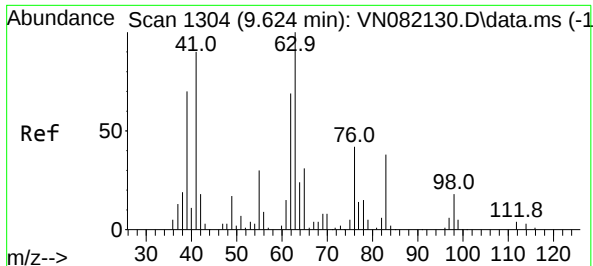
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#44
Trichloroethene
Concen: 0.473 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion:130 Resp: 1018
Ion Ratio Lower Upper
130 100
95 68.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 0.448 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082156.D

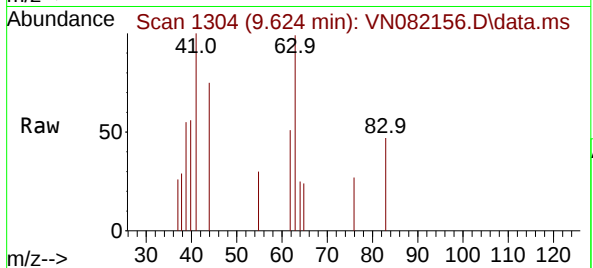
Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



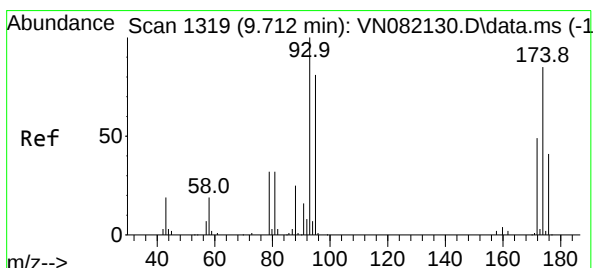
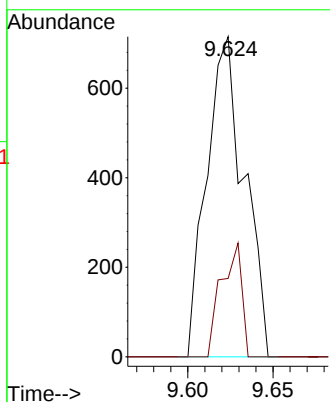
Tgt Ion: 63 Resp: 1090

Ion	Ratio	Lower	Upper
63	100		
65	24.5	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#46

Dibromomethane

Concen: 0.513 ug/l

RT: 9.706 min Scan# 1318

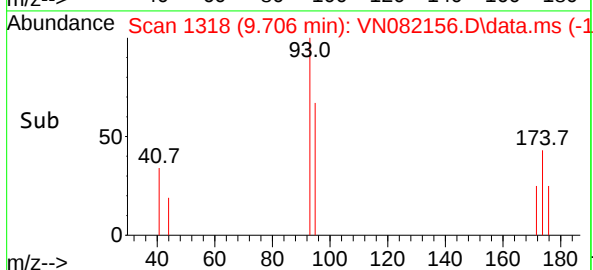
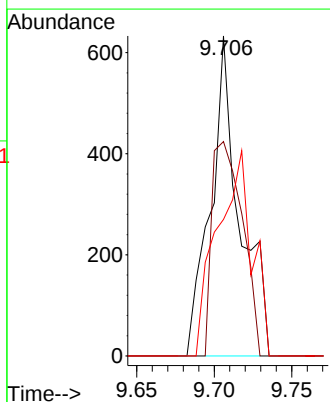
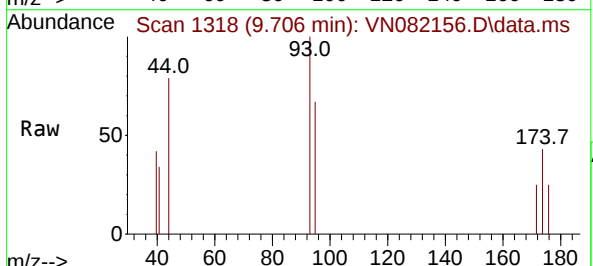
Delta R.T. -0.006 min

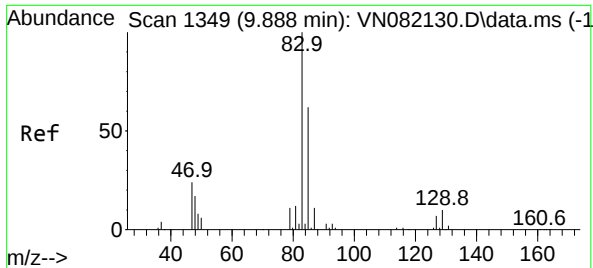
Lab File: VN082156.D

Acq: 16 May 2024 12:55

Tgt Ion: 93 Resp: 823

Ion	Ratio	Lower	Upper
93	100		
95	70.8	64.8	97.2
174	77.3	73.4	110.0





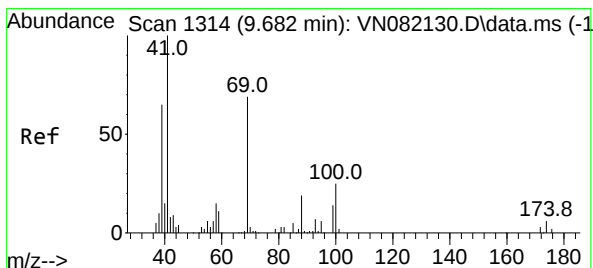
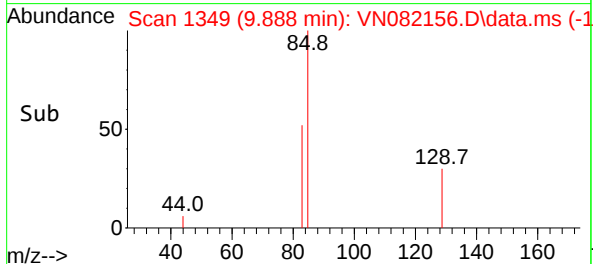
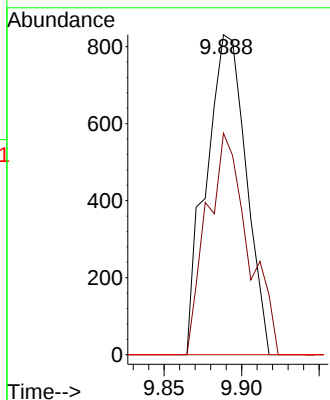
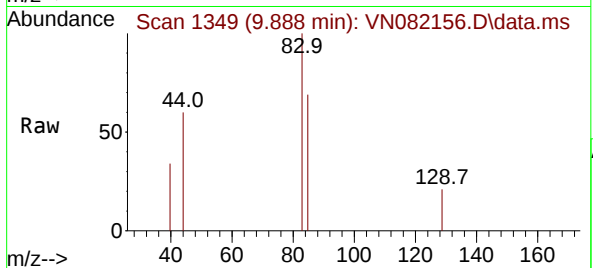
#47
Bromodichloromethane
Concen: 0.439 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 83 Resp: 1482
Ion Ratio Lower Upper
83 100
85 69.2 51.9 77.9
127 0.0 7.5 11.3

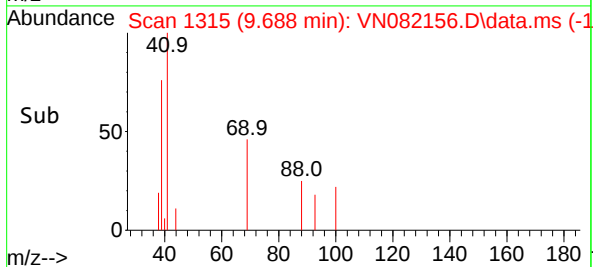
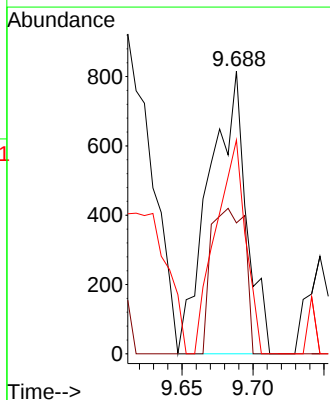
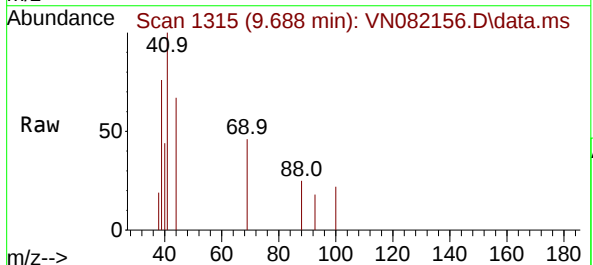
Manual Integrations
APPROVED

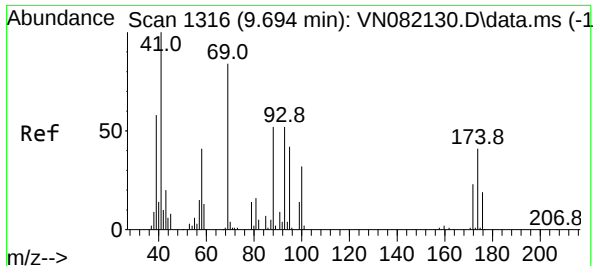
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#48
Methyl methacrylate
Concen: 0.493 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

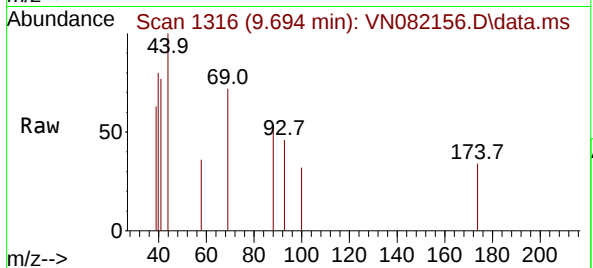
Tgt Ion: 41 Resp: 1482
Ion Ratio Lower Upper
41 100
69 46.8 77.9 116.9
39 61.1 50.9 76.3





#49
1,4-Dioxane
Concen: 8.672 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

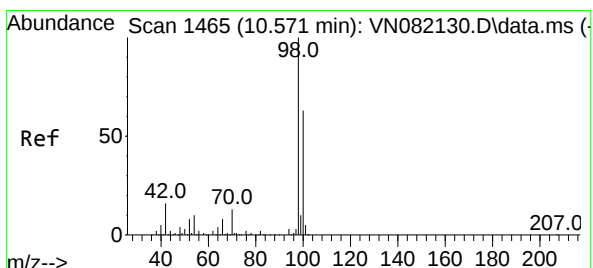
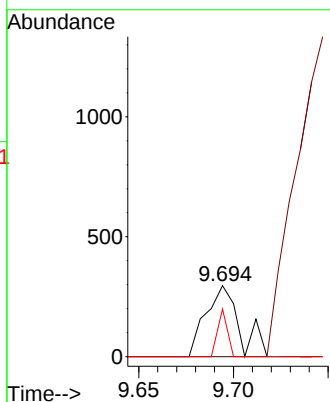
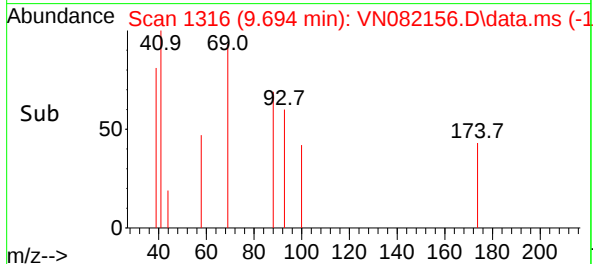
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 88 Resp: 360
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6
58 19.2 50.6 76.0

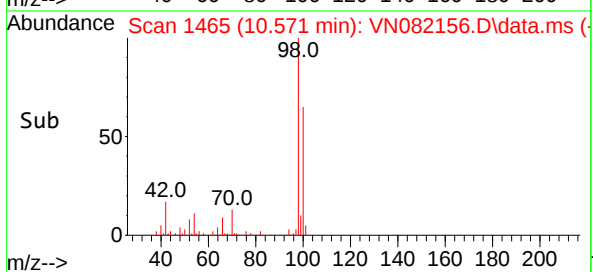
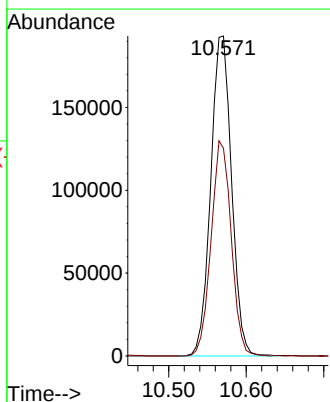
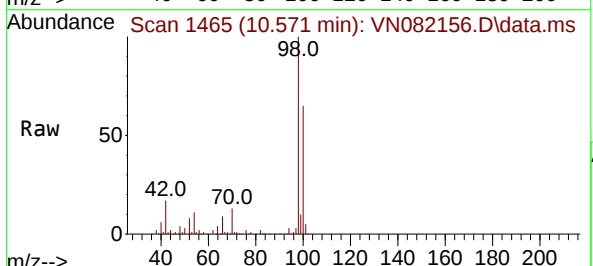
Manual Integrations
APPROVED

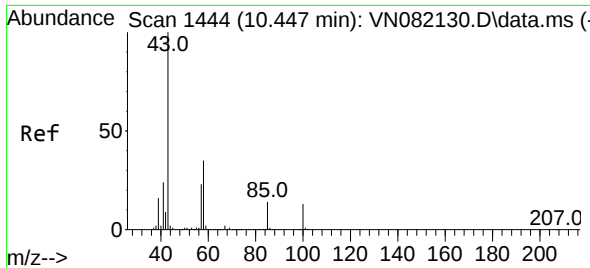
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#50
Toluene-d8
Concen: 49.600 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

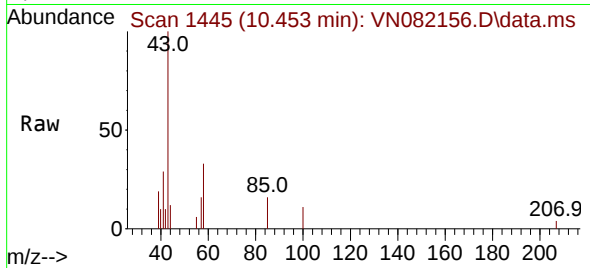
Tgt Ion: 98 Resp: 360437
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 2.229 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

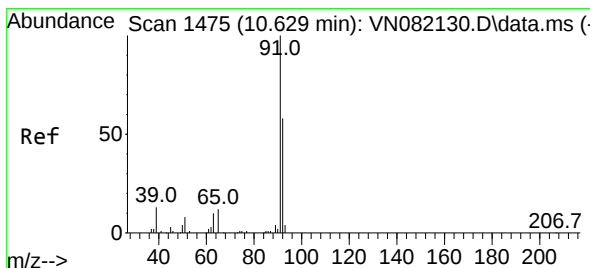
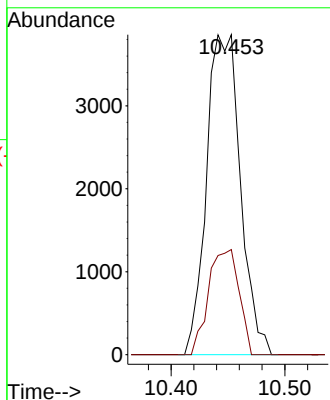
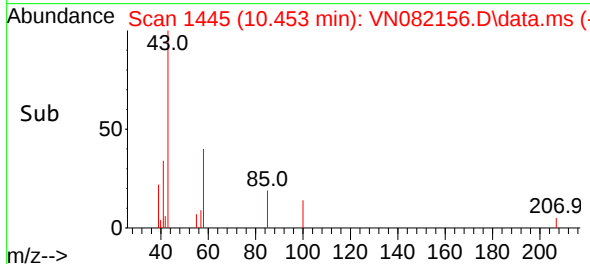
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 29.5 33.2 49.8

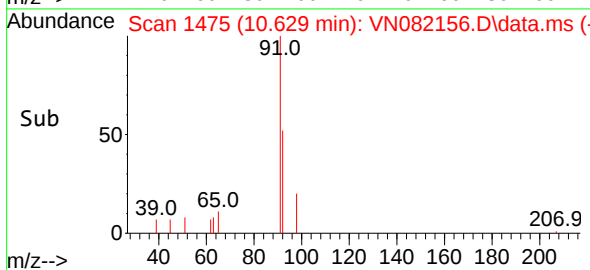
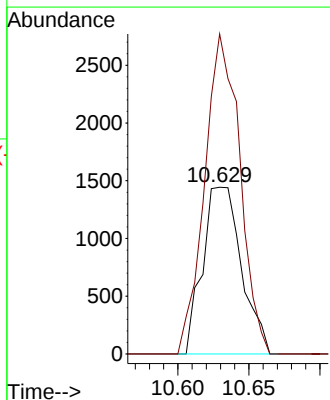
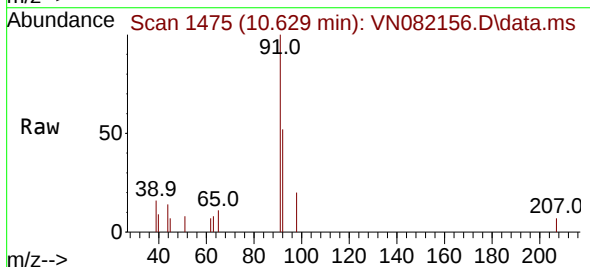
Manual Integrations
APPROVED

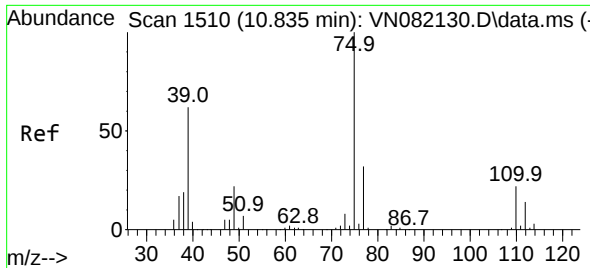
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#52
Toluene
Concen: 0.484 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

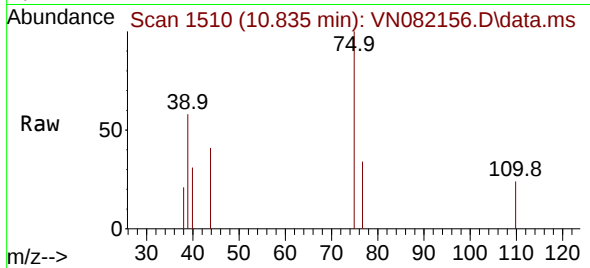
Tgt Ion: 92 Resp: 2753
Ion Ratio Lower Upper
92 100
91 173.9 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 0.410 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55

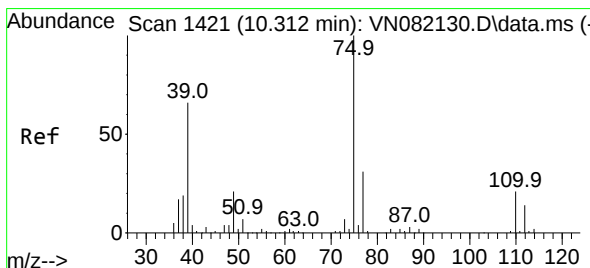
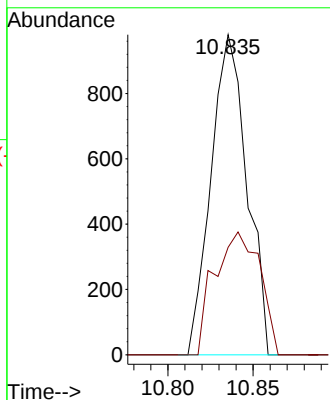
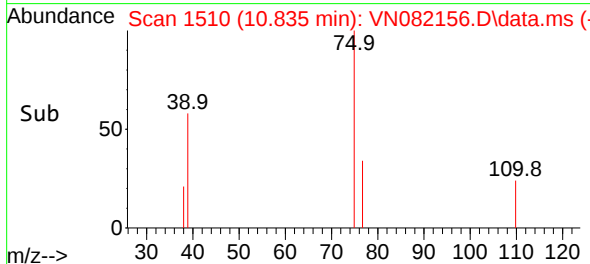
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024



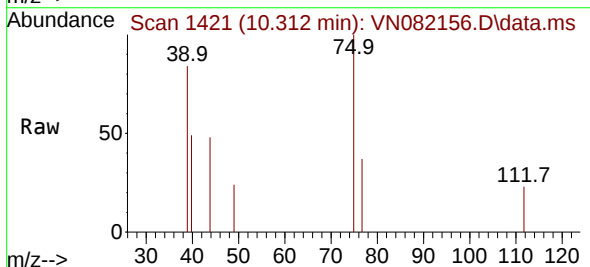
Tgt Ion: 75 Resp: 143
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.4 38.0

Manual Integrations
 APPROVED

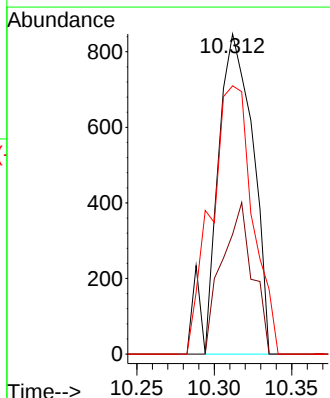
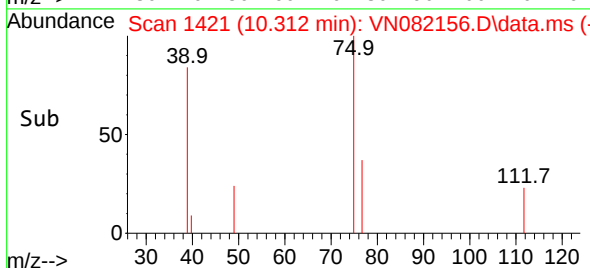
Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024

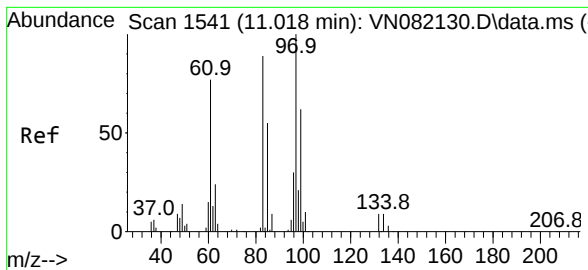


#54
 cis-1,3-Dichloropropene
 Concen: 0.370 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55



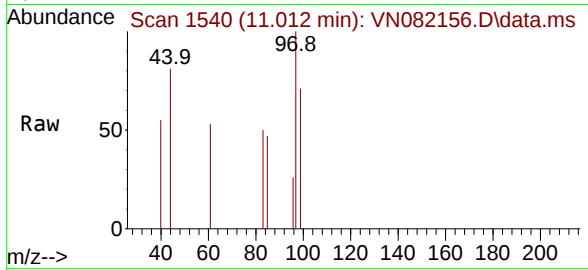
Tgt Ion: 75 Resp: 1373
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.0 37.4
 39 83.8 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 0.492 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

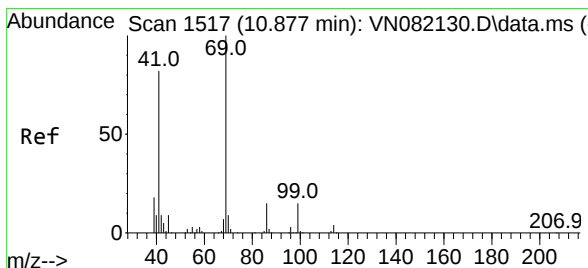
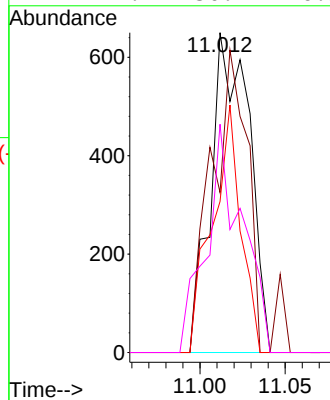
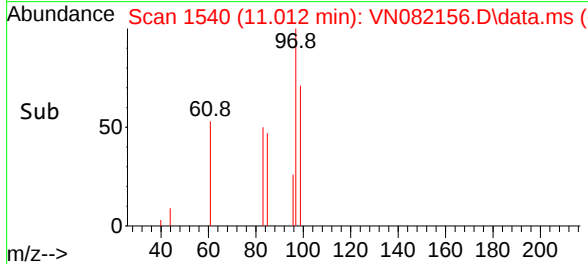
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	50.0	70.4	105.6
85	47.2	45.6	68.4
99	71.4	50.9	76.3

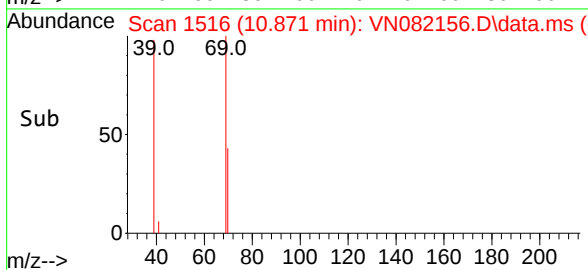
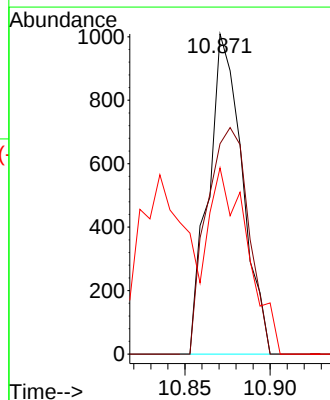
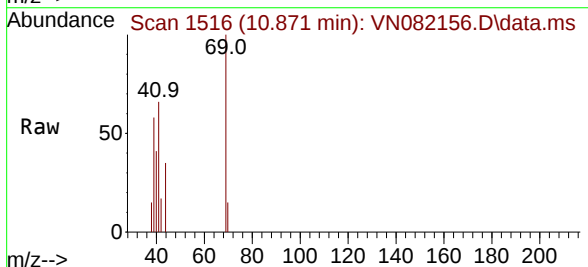
Manual Integrations
APPROVED

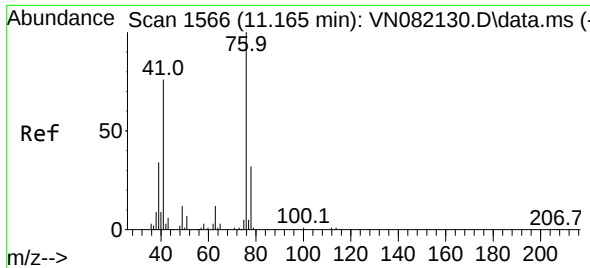
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#56
Ethyl methacrylate
Concen: 0.397 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	87.5	46.6	70.0
39	65.5	26.5	39.7





#57

1,3-Dichloropropane

Concen: 0.436 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082156.D

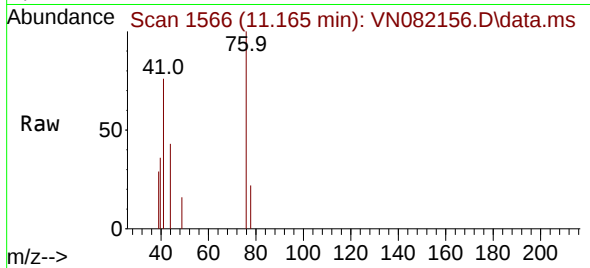
Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion: 76 Resp: 1680

Ion Ratio Lower Upper

76 100

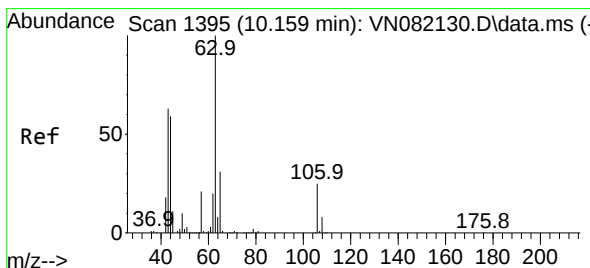
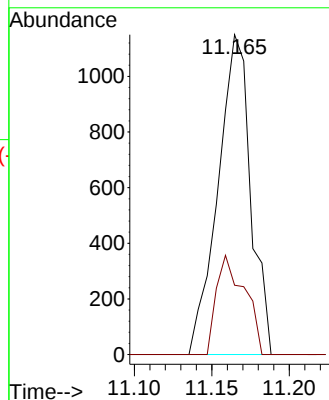
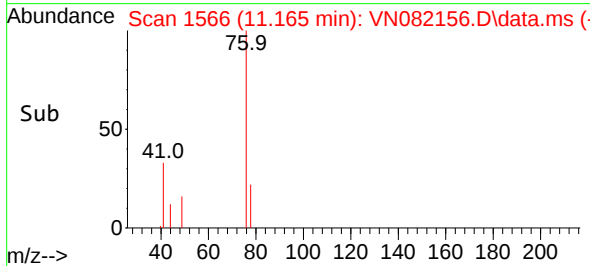
78 26.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024

Supervised By :Semsettin Yesilyurt 05/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 2.036 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082156.D

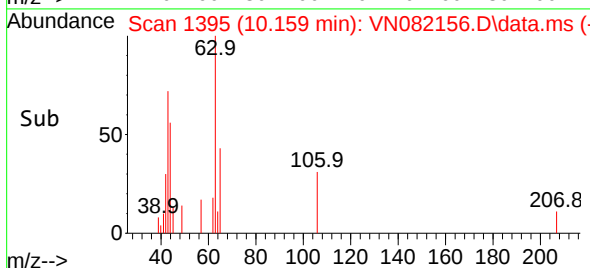
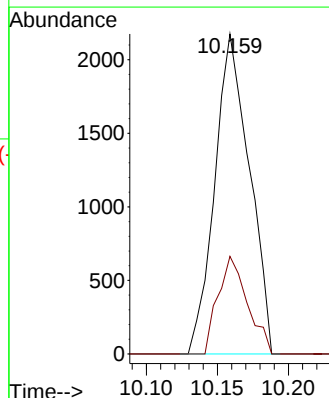
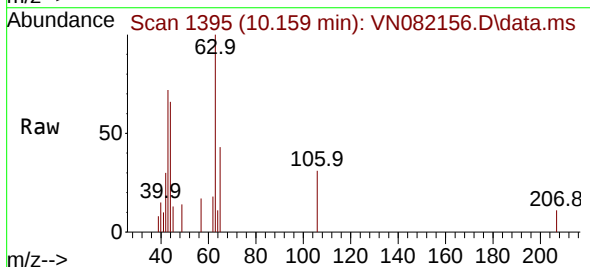
Acq: 16 May 2024 12:55

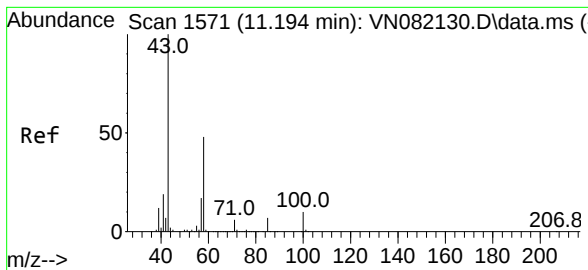
Tgt Ion: 63 Resp: 3686

Ion Ratio Lower Upper

63 100

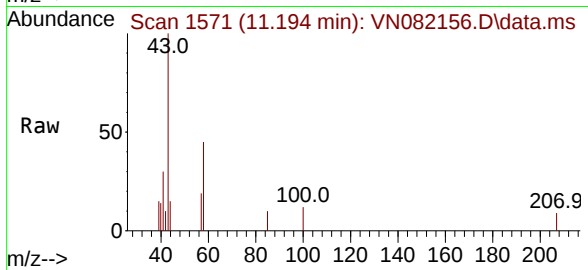
106 26.0 24.6 36.8





#59
2-Hexanone
Concen: 1.935 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

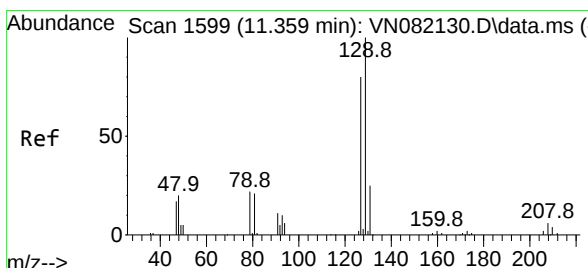
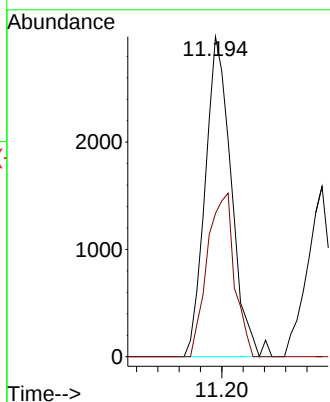
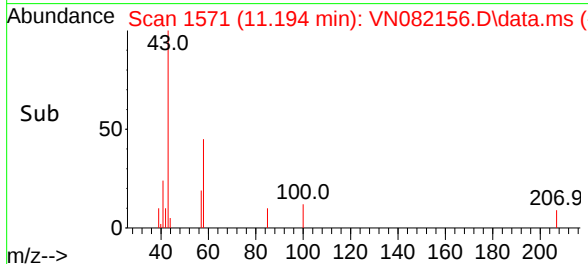
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
58 53.1 28.3 84.9

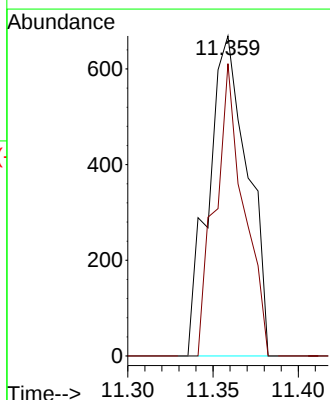
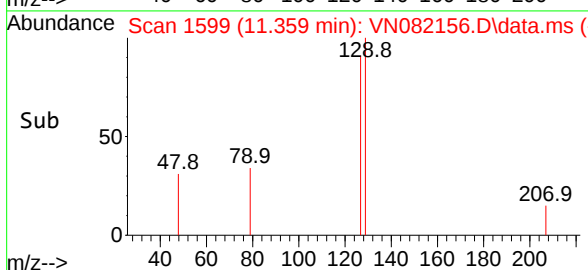
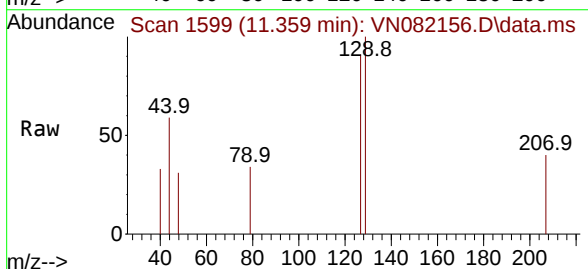
Manual Integrations
APPROVED

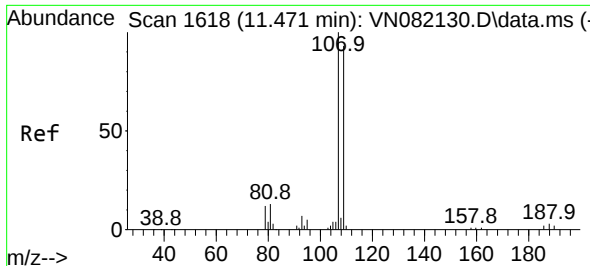
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#60
Dibromochloromethane
Concen: 0.469 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

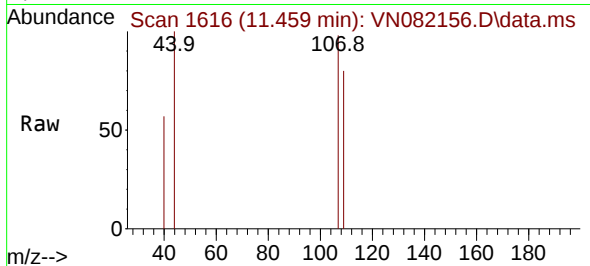
Tgt Ion:129 Resp: 1071
Ion Ratio Lower Upper
129 100
127 66.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 0.388 ug/l
RT: 11.459 min Scan# 1616
Delta R.T. -0.012 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

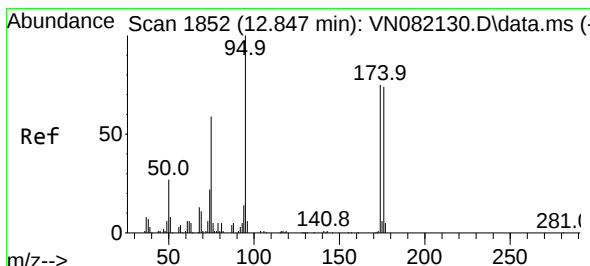
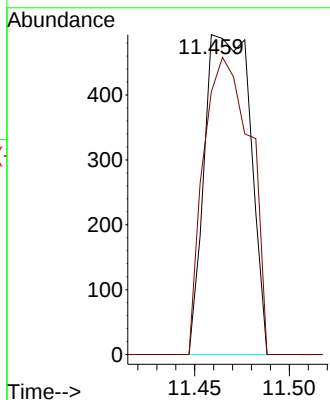
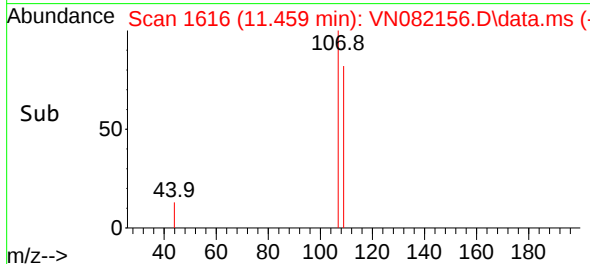
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



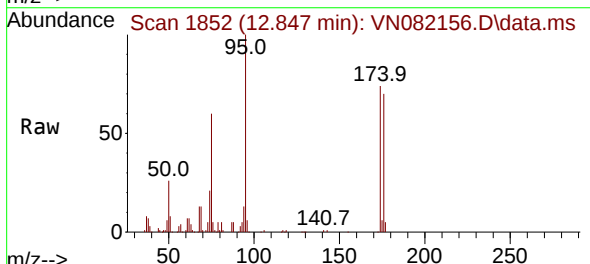
Tgt Ion:107 Resp: 824
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.6

Manual Integrations
APPROVED

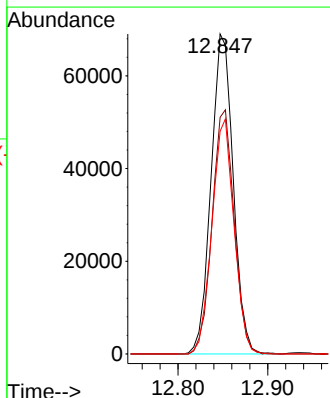
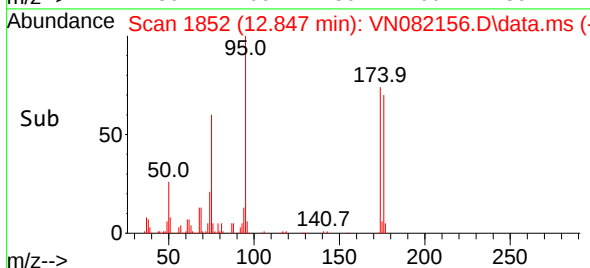
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024

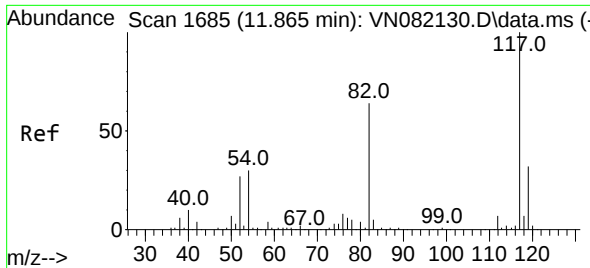


#62
4-Bromofluorobenzene
Concen: 45.512 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55



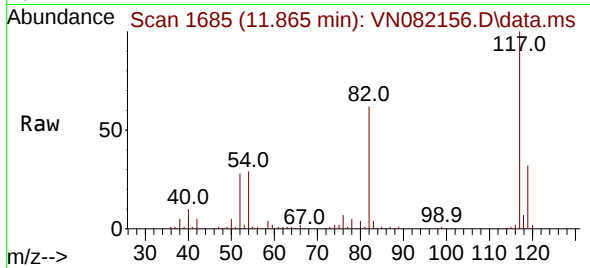
Tgt Ion: 95 Resp: 118045
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.6
176 73.2 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

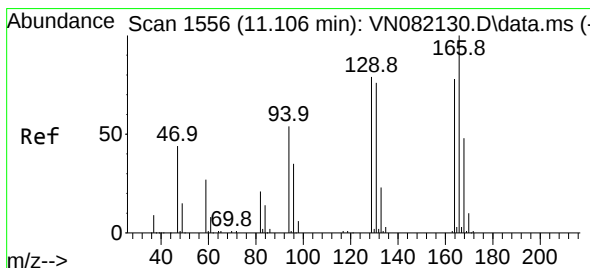
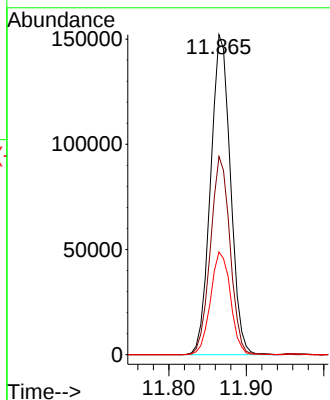
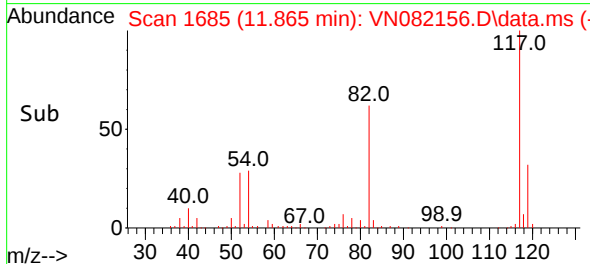
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:117 Resp: 27079
Ion Ratio Lower Upper
117 100
82 61.9 44.6 66.8
119 32.1 25.9 38.9

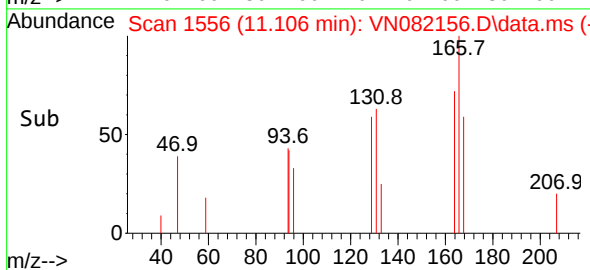
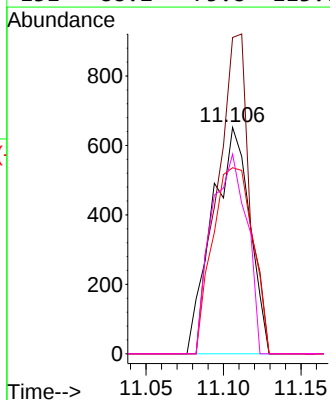
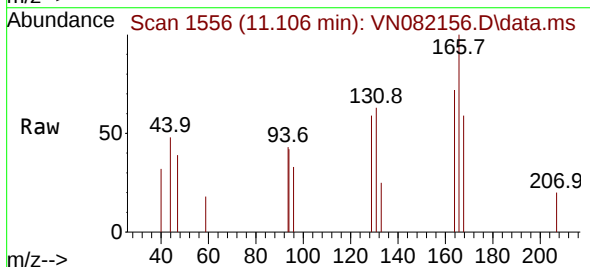
Manual Integrations
APPROVED

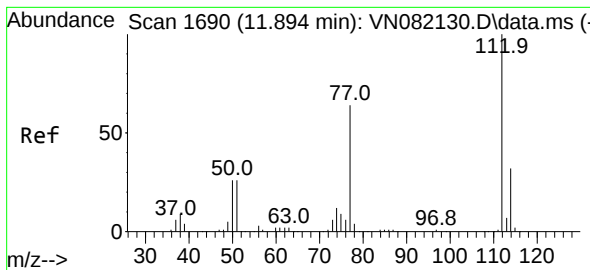
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#64
Tetrachloroethene
Concen: 0.549 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion:164 Resp: 1101
Ion Ratio Lower Upper
164 100
166 139.7 97.6 146.4
129 82.2 73.7 110.5
131 88.2 75.8 113.6





#65

Chlorobenzene

Concen: 0.480 ug/l

RT: 11.888 min Scan# 1100

Delta R.T. -0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:112 Resp: 287

Ion Ratio Lower Upper

112 100

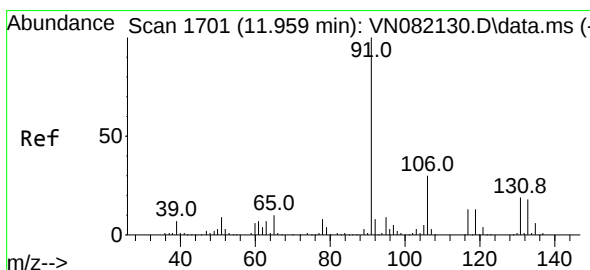
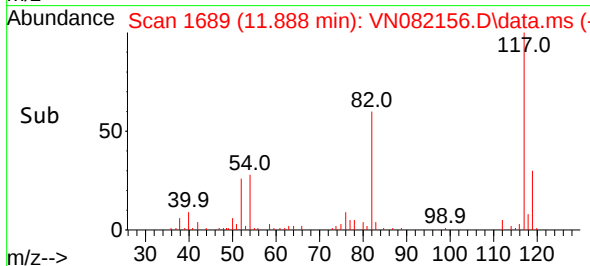
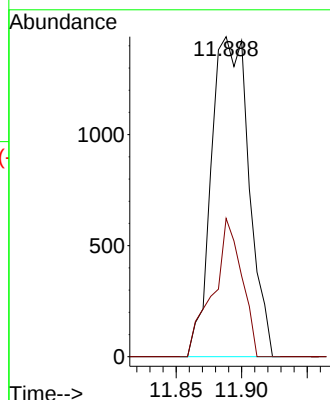
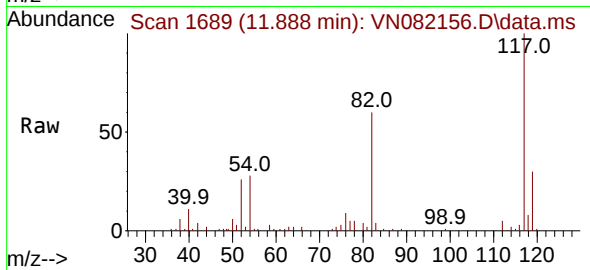
114 43.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024

Supervised By :Semsettin Yesilyurt 05/17/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.479 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

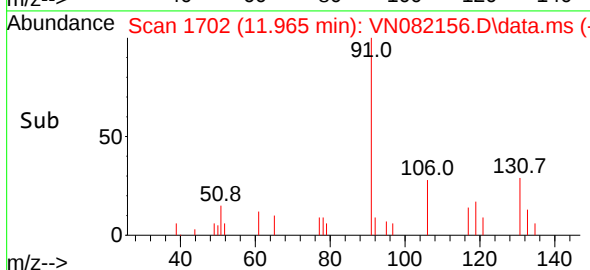
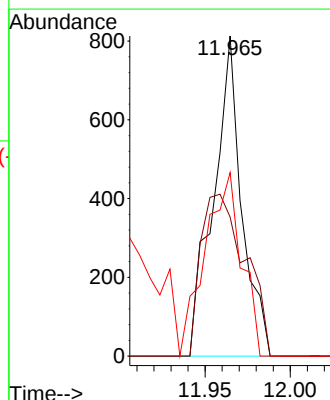
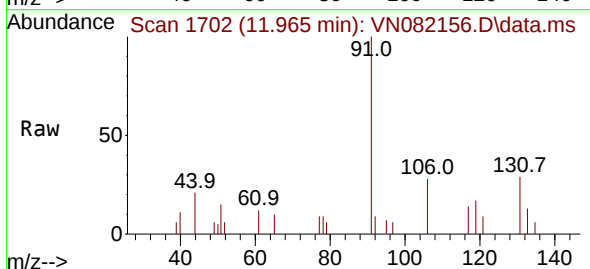
Tgt Ion:131 Resp: 943

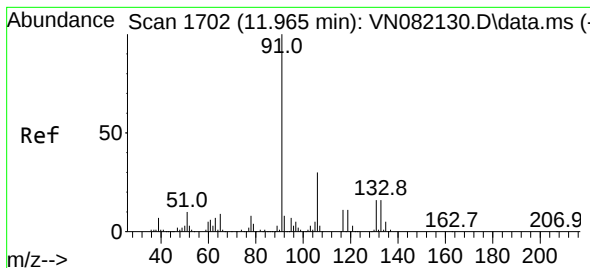
Ion Ratio Lower Upper

131 100

133 79.3 47.5 142.6

119 0.0 32.9 98.7#





#67

Ethyl Benzene

Concen: 0.439 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

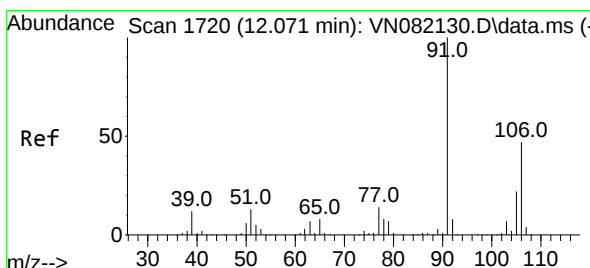
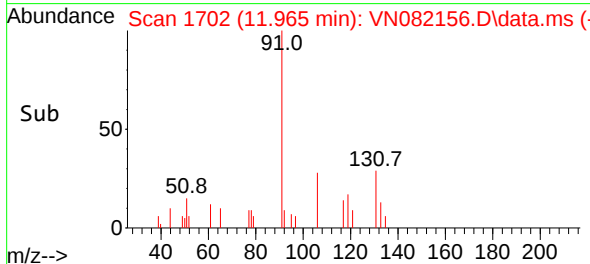
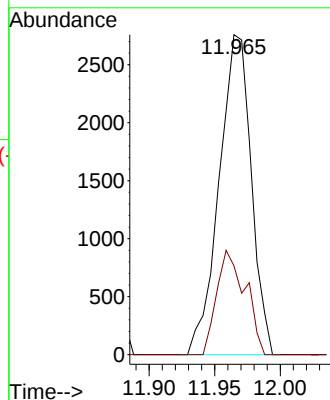
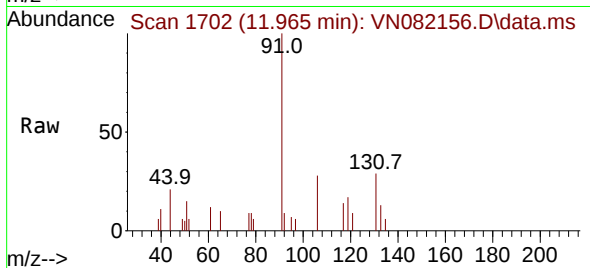
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 4690
 Ion Ratio Lower Upper
 91 100
 106 27.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024



#68

m/p-Xylenes

Concen: 0.869 ug/l

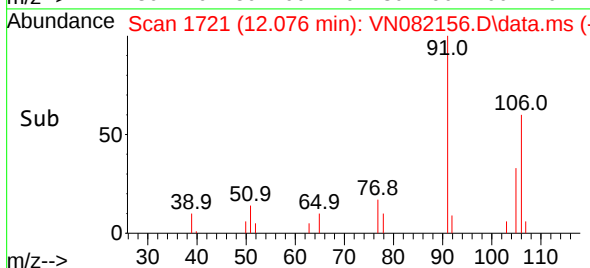
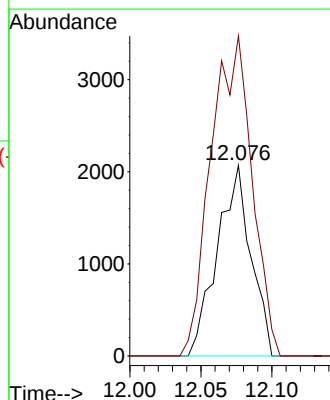
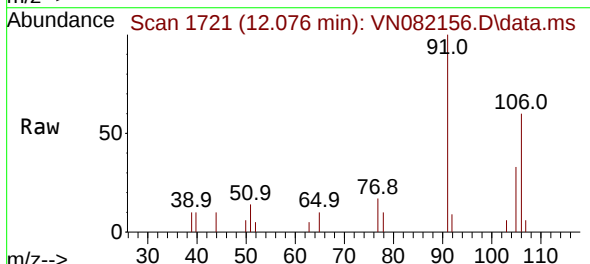
RT: 12.076 min Scan# 1721

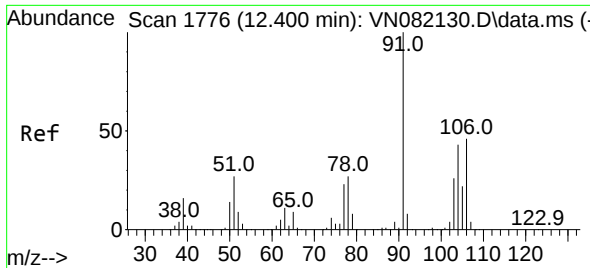
Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Tgt Ion:106 Resp: 3408
 Ion Ratio Lower Upper
 106 100
 91 205.4 159.4 239.0





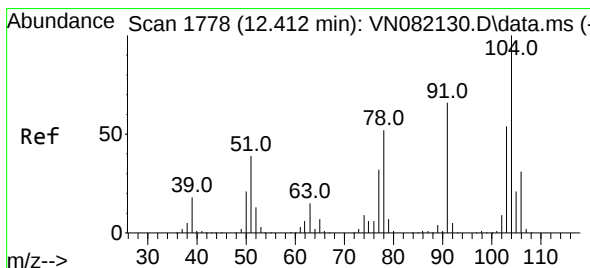
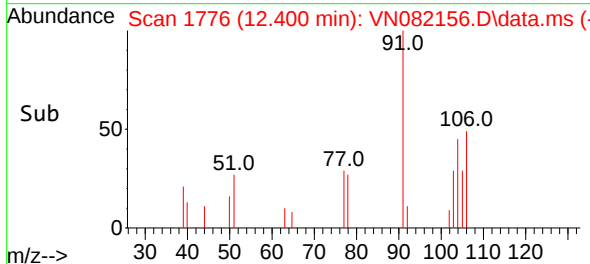
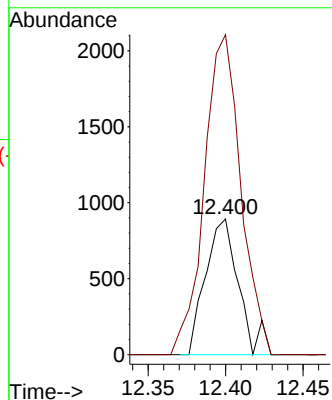
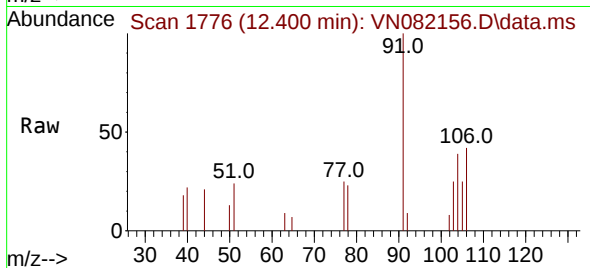
#69
o-Xylene
Concen: 0.350 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 1328
Ion Ratio Lower Upper
106 100
91 259.9 104.7 314.1

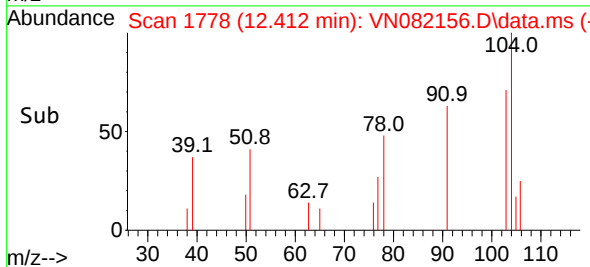
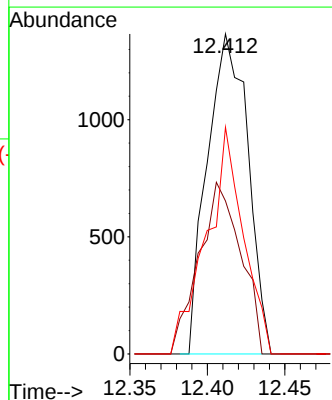
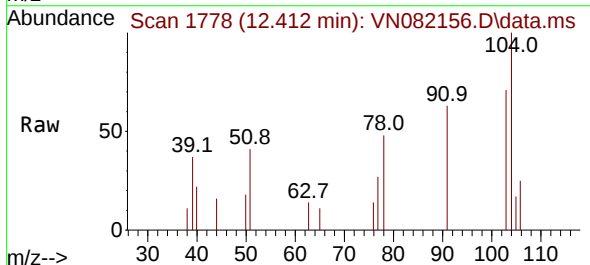
Manual Integrations
APPROVED

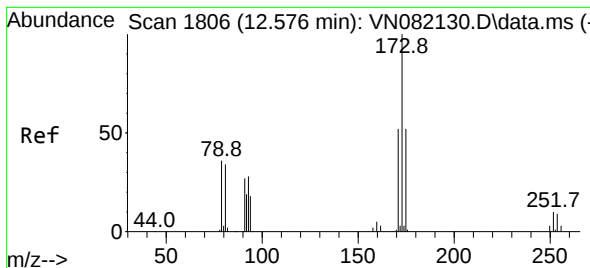
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#70
Styrene
Concen: 0.394 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion:104 Resp: 2488
Ion Ratio Lower Upper
104 100
78 55.3 38.6 58.0
103 64.4 43.8 65.6





#71

Bromoform

Concen: 0.443 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VN082156.D

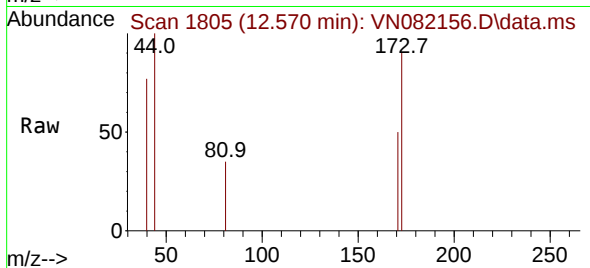
Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

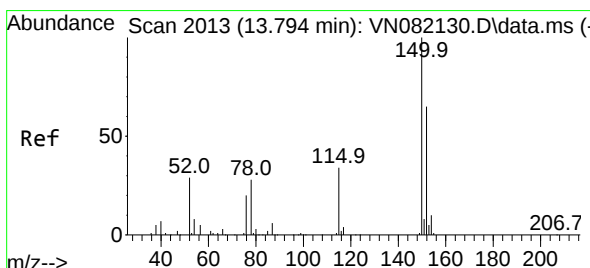
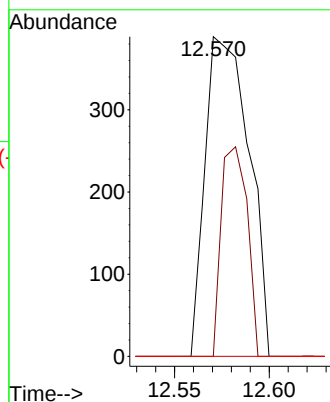
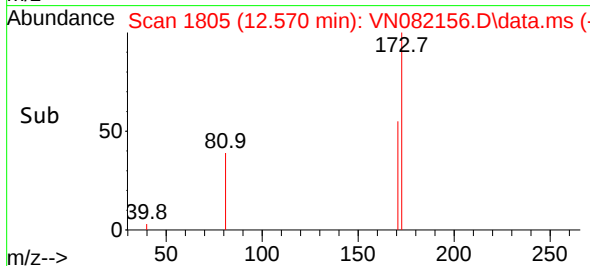
MDL-WATER-03-QT2-2024



Tgt Ion:	173	Resp:	62
Ion Ratio	Lower	Upper	
173	100		
175	38.8	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

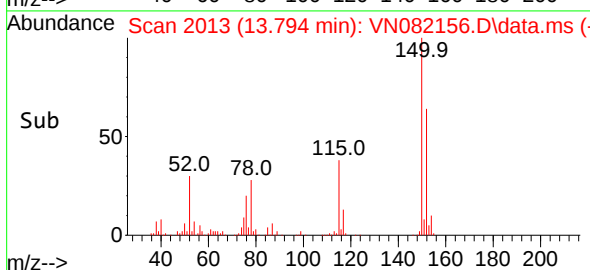
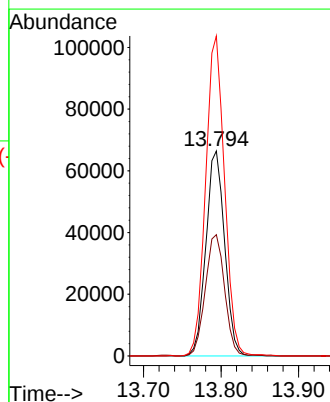
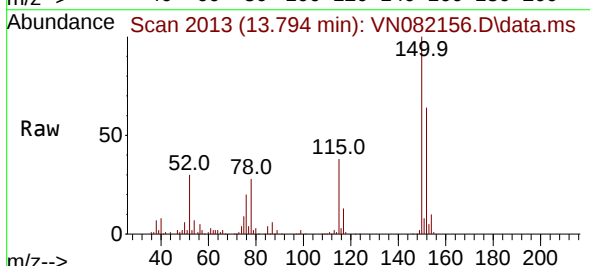
RT: 13.794 min Scan# 2013

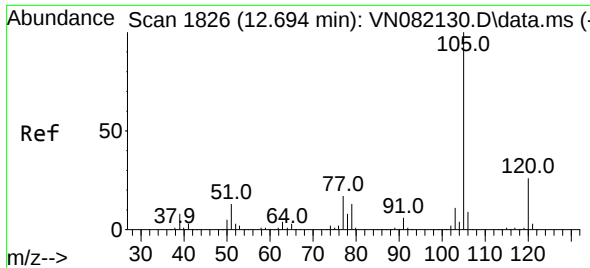
Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Tgt Ion:	152	Resp:	111566
Ion Ratio	Lower	Upper	
152	100		
115	61.1	30.4	91.3
150	157.2	0.0	353.2





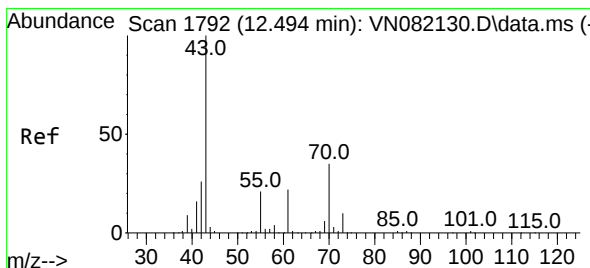
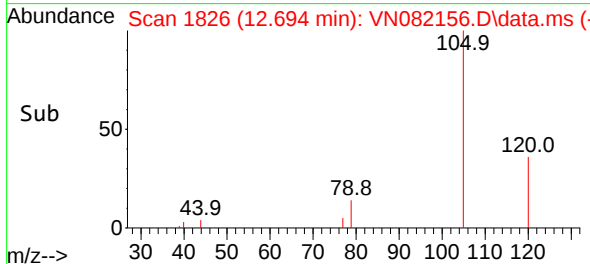
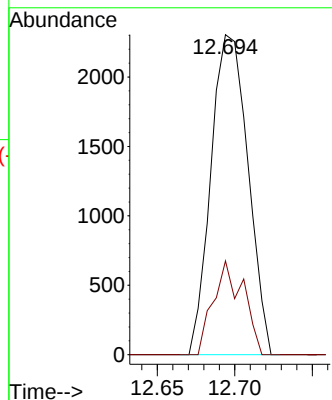
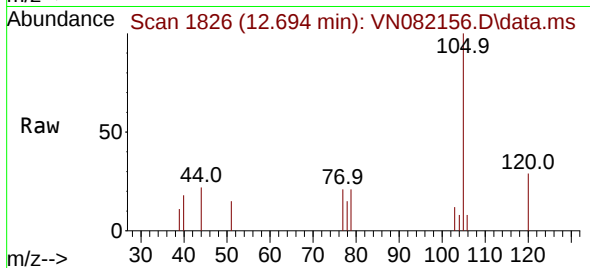
#73
Isopropylbenzene
Concen: 0.432 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 382
Ion Ratio Lower Upper
105 100
120 23.7 13.4 40.1

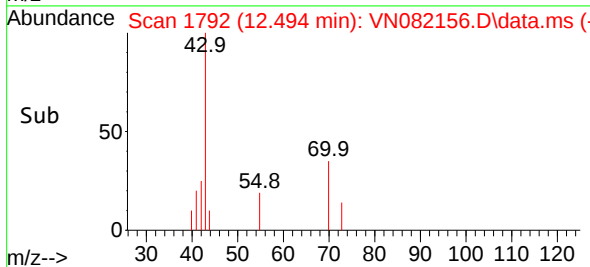
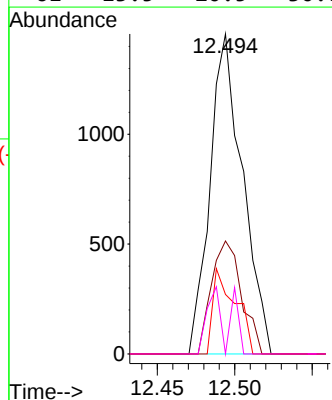
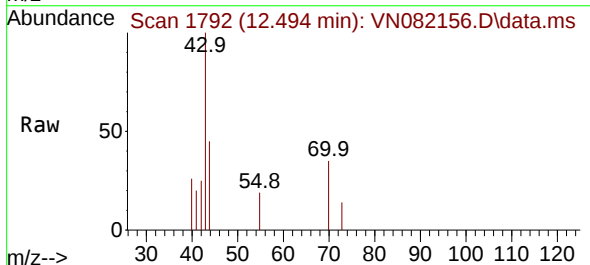
Manual Integrations
APPROVED

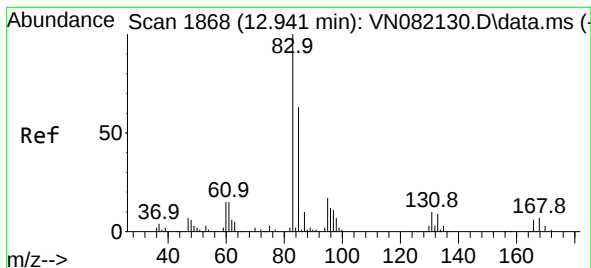
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#74
N-ethyl acetate
Concen: 0.436 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 43 Resp: 2126
Ion Ratio Lower Upper
43 100
70 32.6 39.0 58.4#
55 18.5 21.3 31.9#
61 13.5 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.443 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

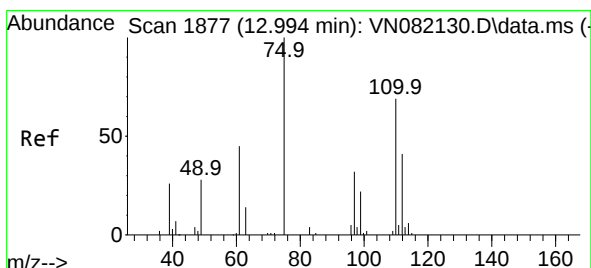
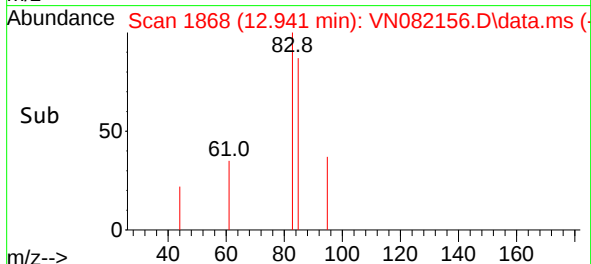
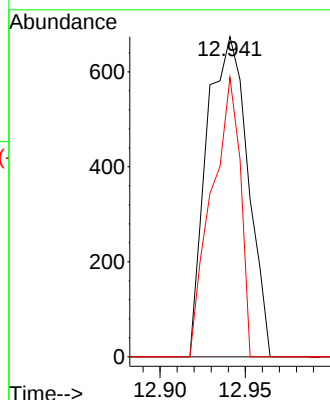
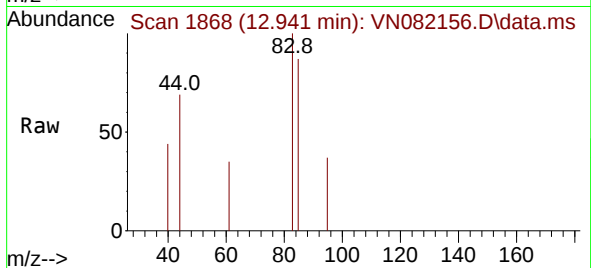
MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4
85	60.8	32.9	98.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#76

1,2,3-Trichloropropane

Concen: 0.484 ug/l m

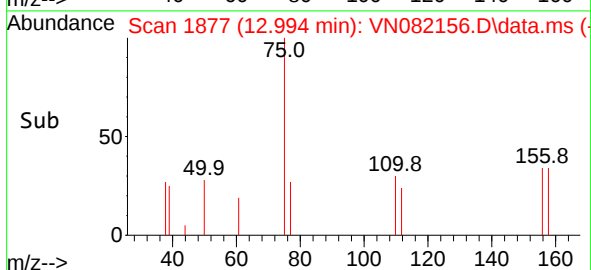
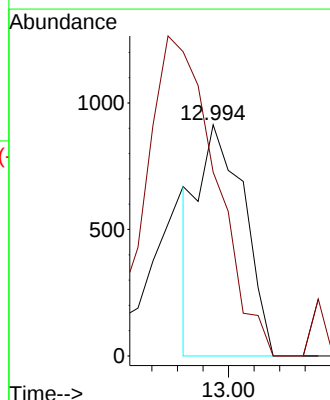
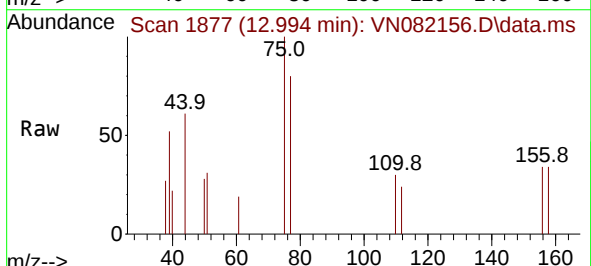
RT: 12.994 min Scan# 1877

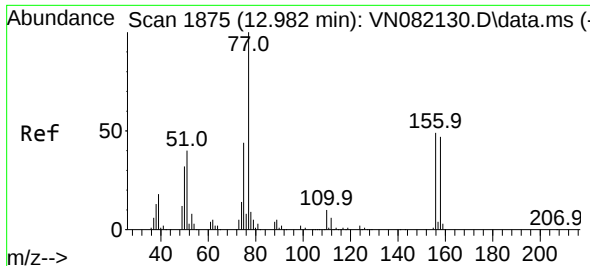
Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

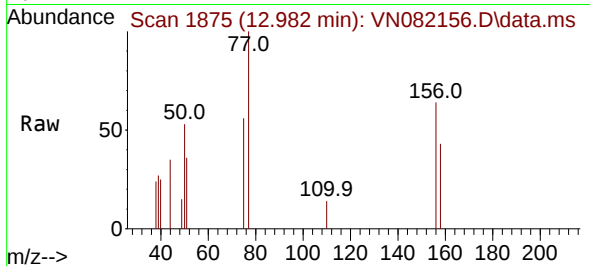
Tgt Ion	Ratio	Lower	Upper
75	100		
77	80.5	90.5	271.3





#77
Bromobenzene
Concen: 0.537 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

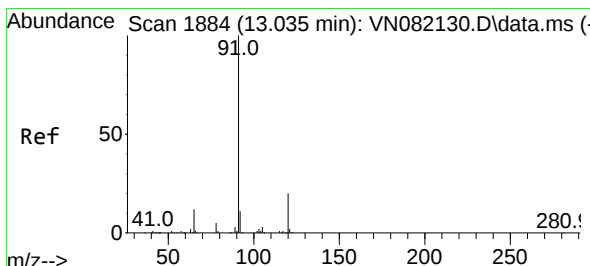
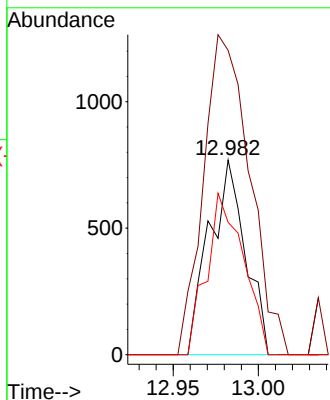
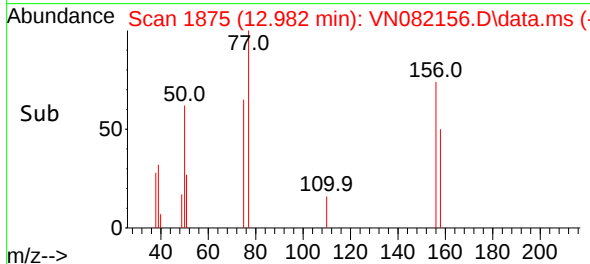
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



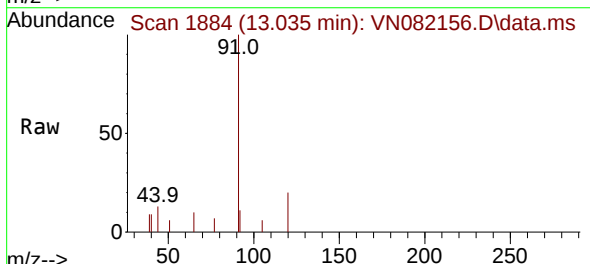
Tgt Ion: 156 Resp: 1135
Ion Ratio Lower Upper
156 100
77 210.1 100.2 300.6
158 84.1 49.1 147.3

Manual Integrations
APPROVED

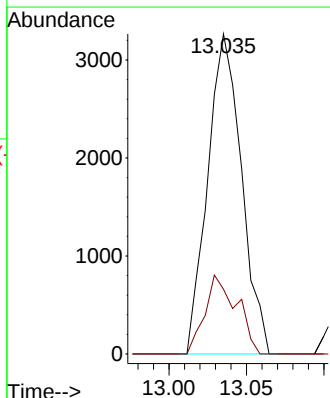
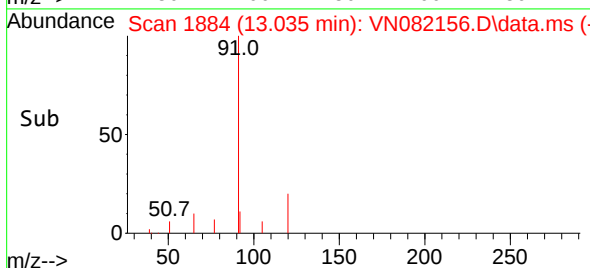
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024

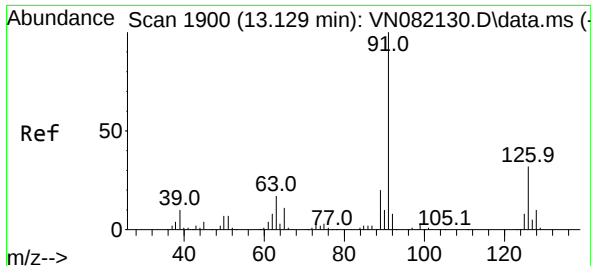


#78
n-propylbenzene
Concen: 0.472 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55



Tgt Ion: 91 Resp: 4950
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.482 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

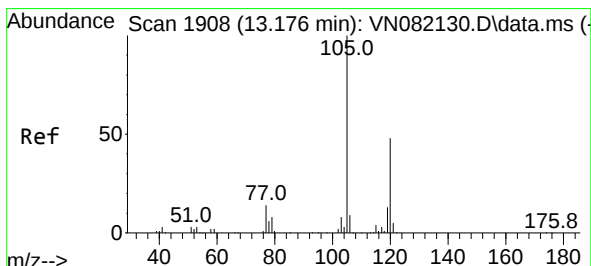
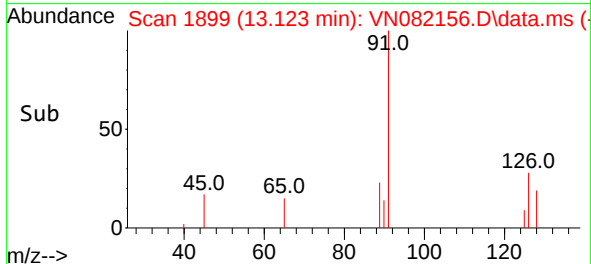
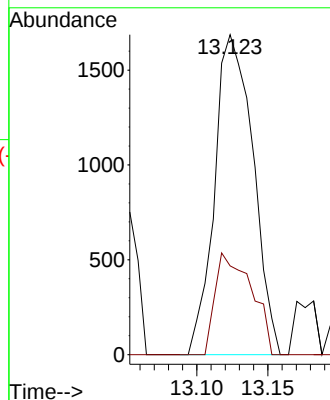
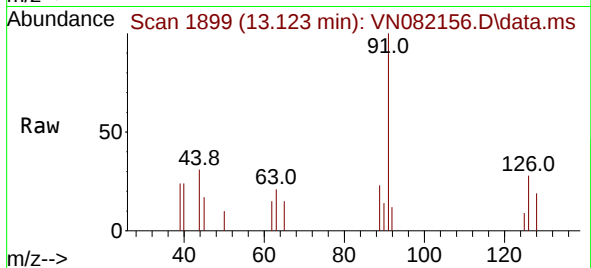
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 3179
 Ion Ratio Lower Upper
 91 100
 126 29.9 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.433 ug/l

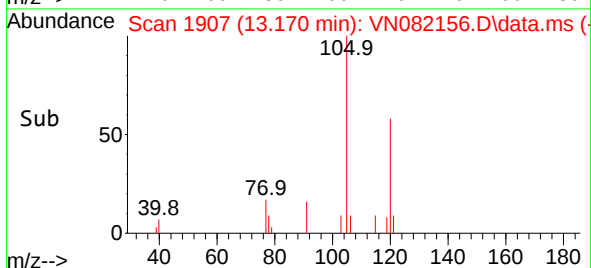
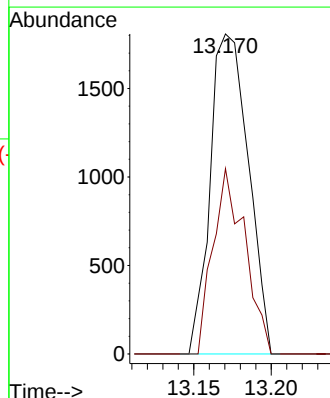
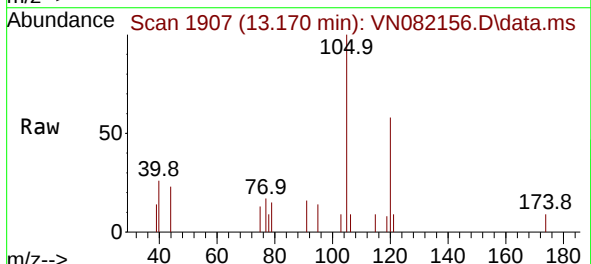
RT: 13.170 min Scan# 1907

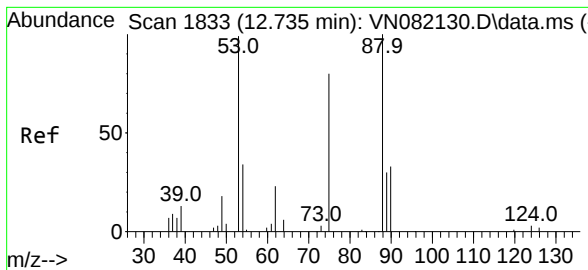
Delta R.T. -0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

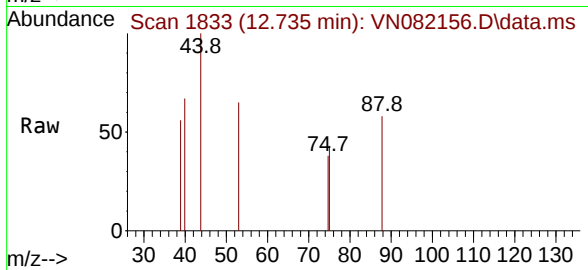
Tgt Ion:105 Resp: 3100
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.351 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

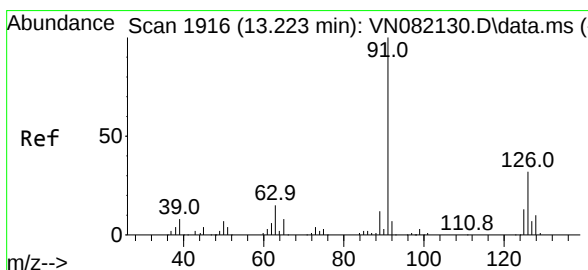
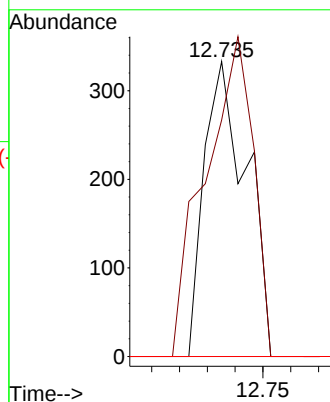
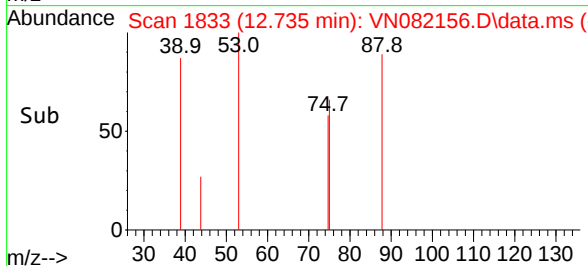
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 75 Resp: 352
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3
89 0.0 39.1 58.7

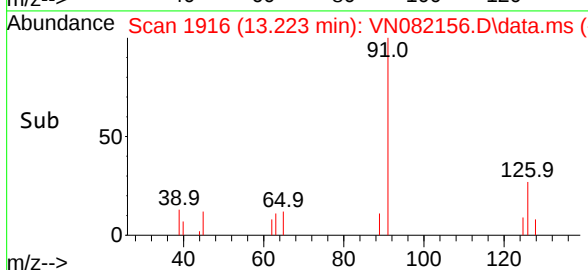
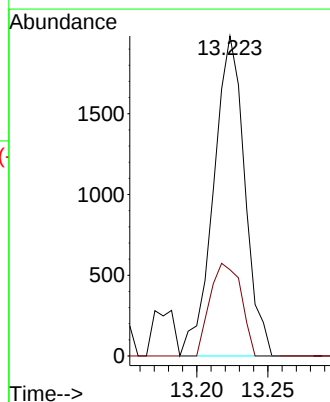
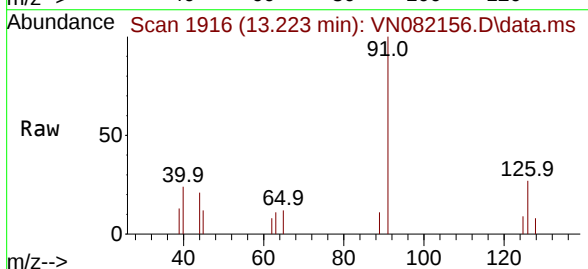
Manual Integrations
APPROVED

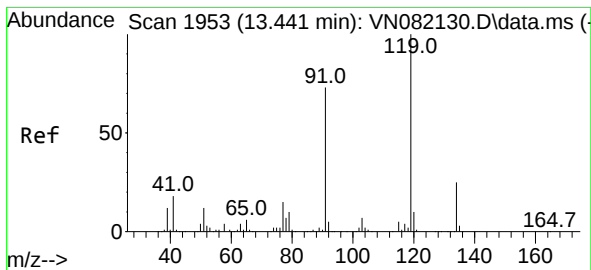
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#82
4-Chlorotoluene
Concen: 0.470 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion: 91 Resp: 3029
Ion Ratio Lower Upper
91 100
126 28.8 17.4 52.3





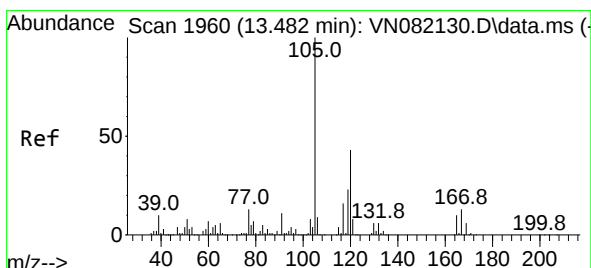
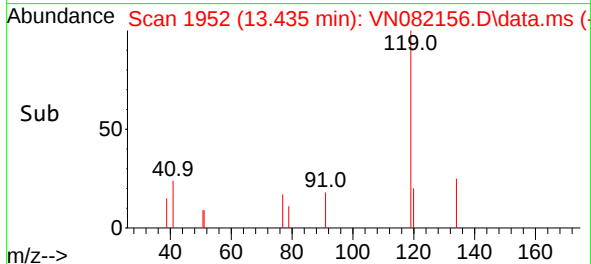
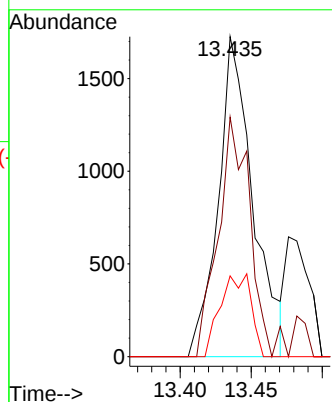
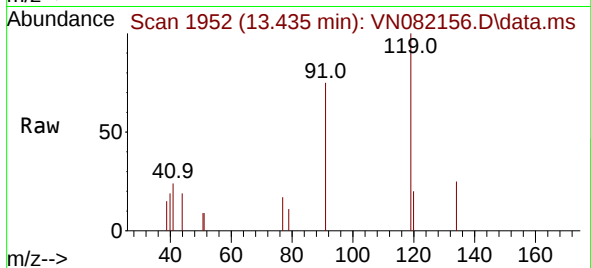
#83
tert-Butylbenzene
Concen: 0.467 ug/l
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.5	32.6	97.8
134	22.9	12.4	37.0

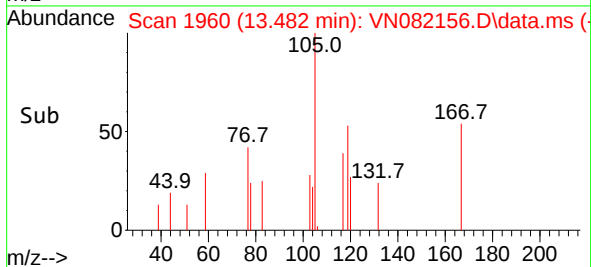
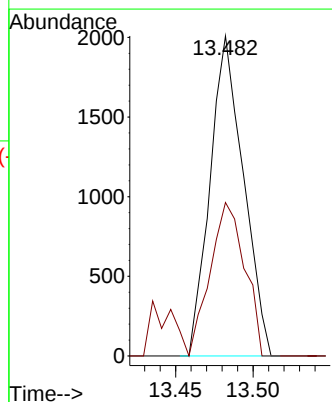
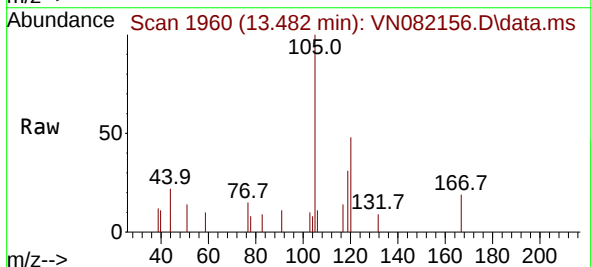
Manual Integrations
APPROVED

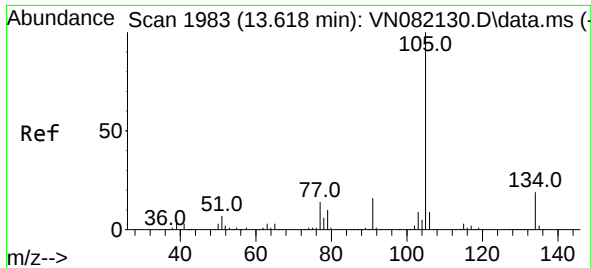
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.410 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	22.9	68.7





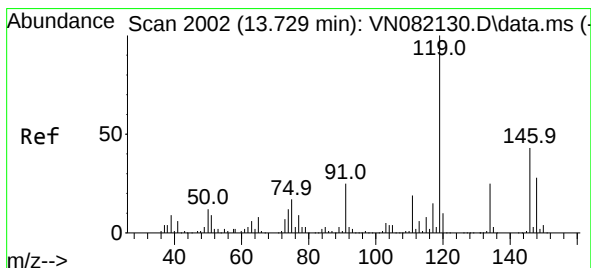
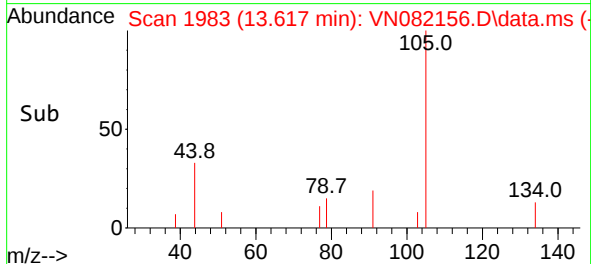
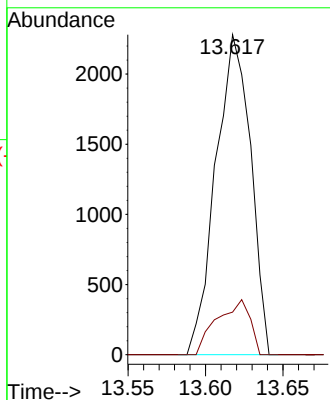
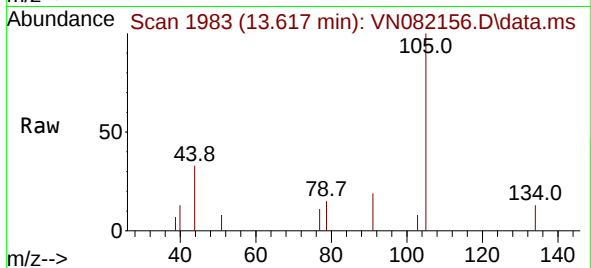
#85
 sec-Butylbenzene
 Concen: 0.411 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55

Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 357
 Ion Ratio Lower Upper
 105 100
 134 16.3 10.2 30.4

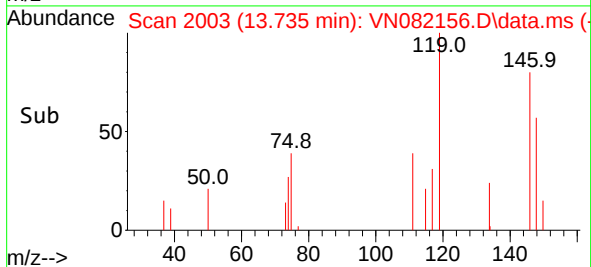
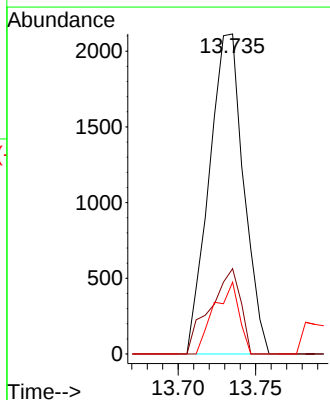
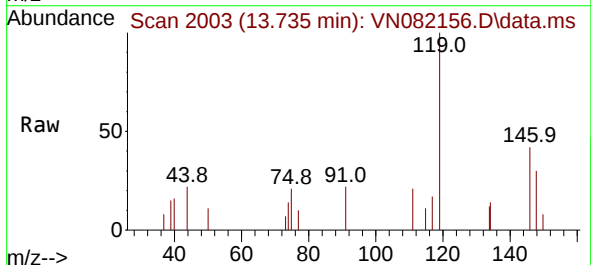
Manual Integrations
 APPROVED

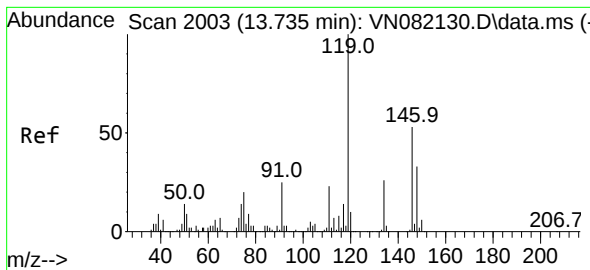
Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024



#86
 p-Isopropyltoluene
 Concen: 0.464 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55

Tgt Ion:119 Resp: 3274
 Ion Ratio Lower Upper
 119 100
 134 23.5 13.2 39.5
 91 16.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 0.471 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

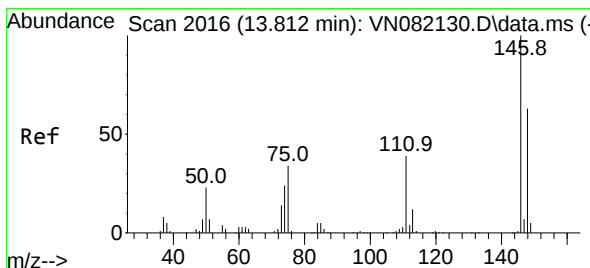
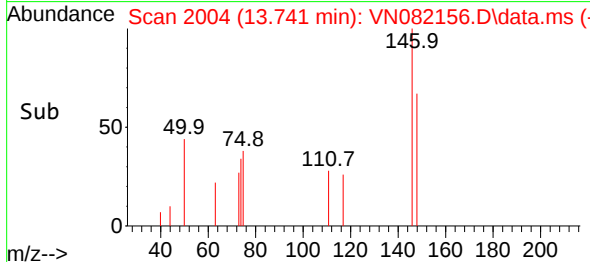
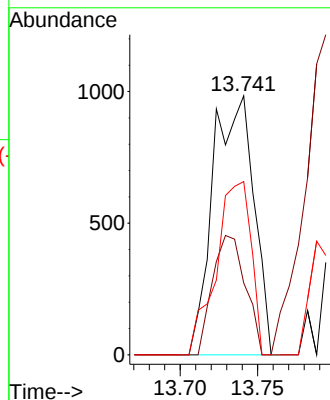
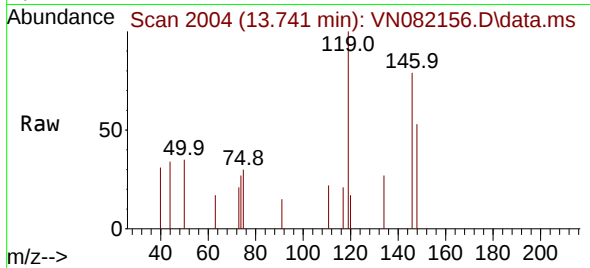
MDL-WATER-03-QT2-2024

Tgt Ion:146	Resp:	1804
Ion Ratio	Lower	Upper
146	100	
111	37.0	20.8 62.5
148	57.3	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#88

1,4-Dichlorobenzene

Concen: 0.476 ug/l m

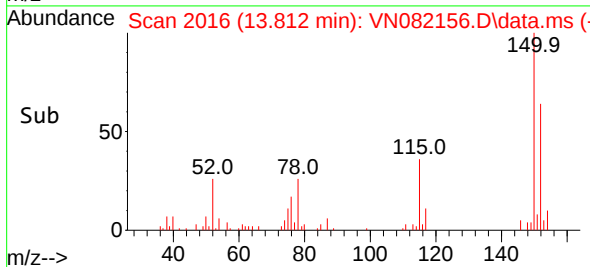
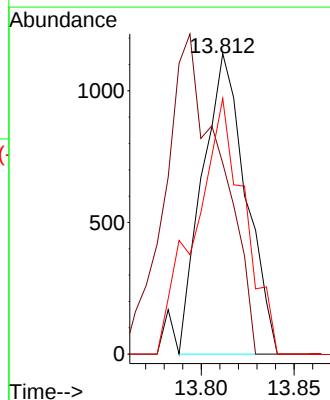
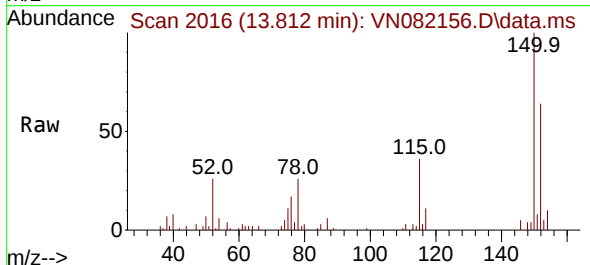
RT: 13.812 min Scan# 2016

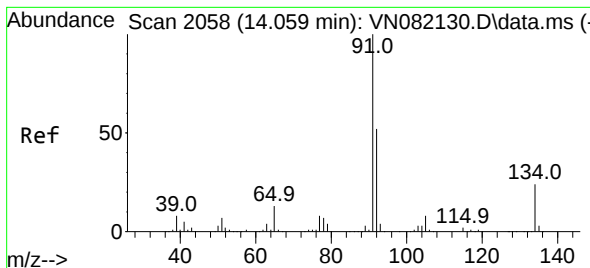
Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Tgt Ion:146	Resp:	1859
Ion Ratio	Lower	Upper
146	100	
111	35.9	19.3 57.9
148	55.6	31.3 93.9





#89

n-Butylbenzene

Concen: 0.408 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

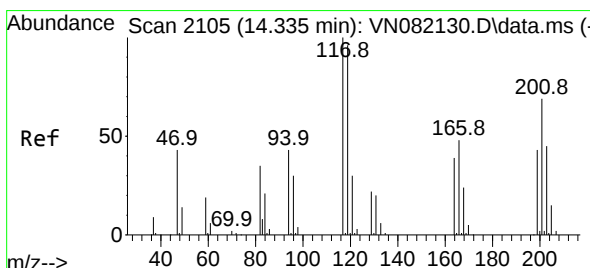
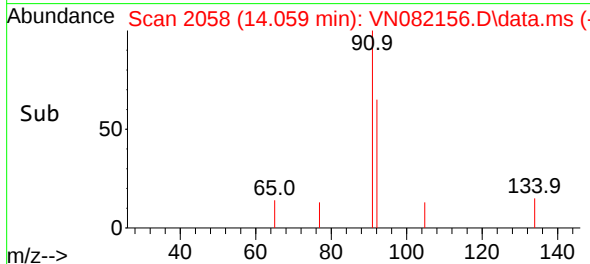
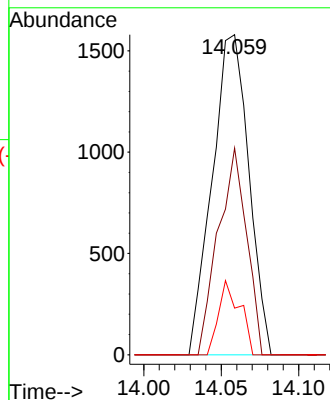
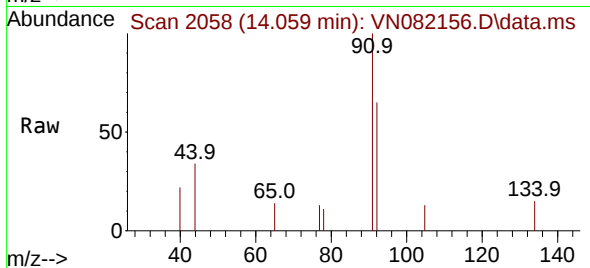
MDL-WATER-03-QT2-2024

Tgt Ion: 91	Resp: 259
Ion Ratio	Lower Upper
91 100	
92 50.2	26.2 78.5
134 13.5	13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#90

Hexachloroethane

Concen: 0.366 ug/l

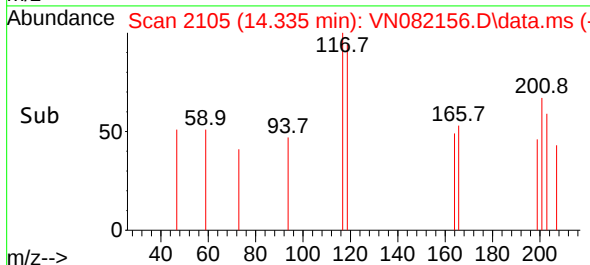
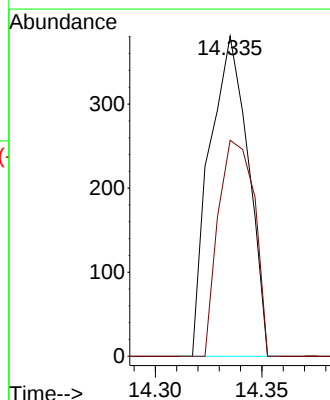
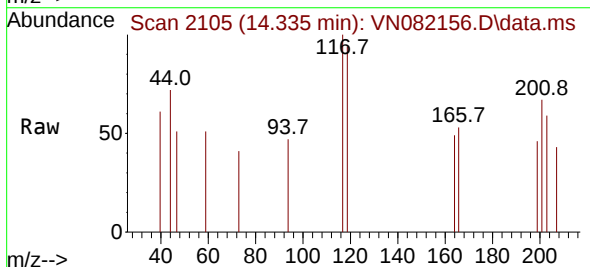
RT: 14.335 min Scan# 2105

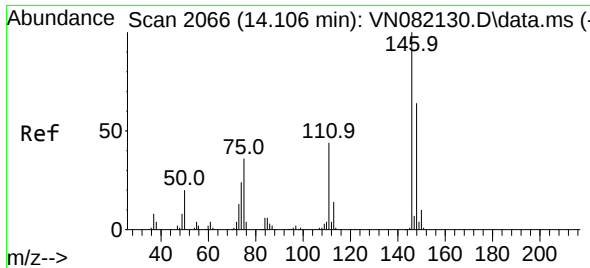
Delta R.T. -0.000 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

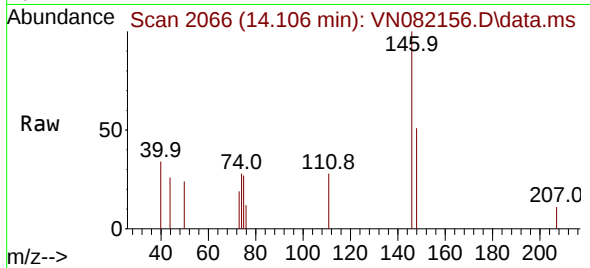
Tgt Ion:117	Resp: 479
Ion Ratio	Lower Upper
117 100	
201 63.3	33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 0.555 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

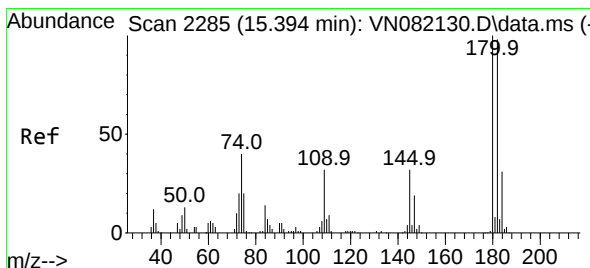
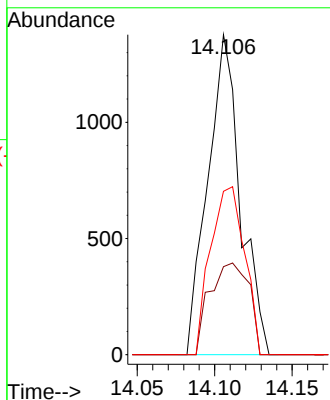
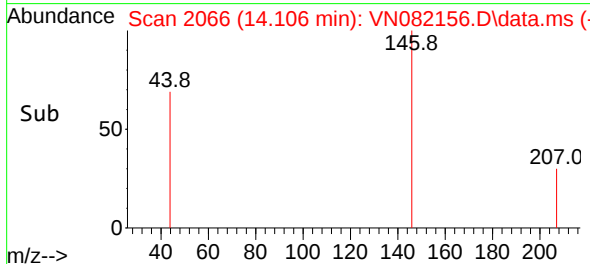
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:146 Resp: 201
Ion Ratio Lower Upper
146 100
111 34.4 21.3 64.0
148 55.0 31.8 95.4

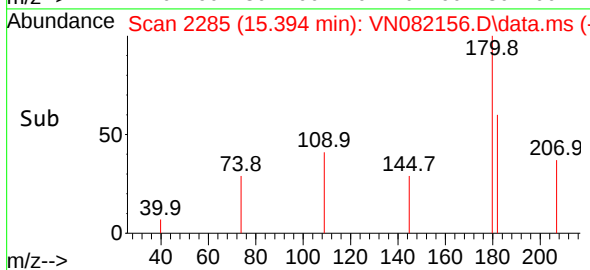
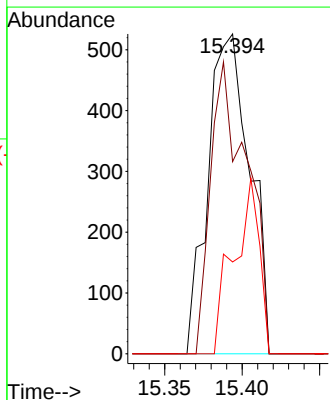
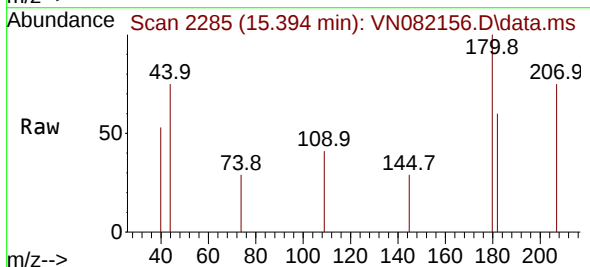
Manual Integrations
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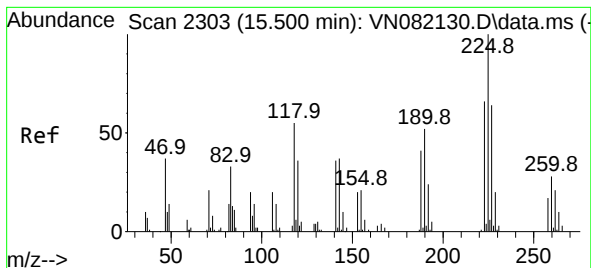
Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#93
1,2,4-Trichlorobenzene
Concen: 0.488 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082156.D
Acq: 16 May 2024 12:55

Tgt Ion:180 Resp: 990
Ion Ratio Lower Upper
180 100
182 79.9 46.7 140.0
145 33.5 16.2 48.6





#94

Hexachlorobutadiene

Concen: 0.339 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

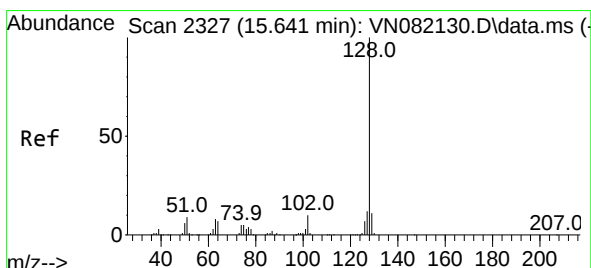
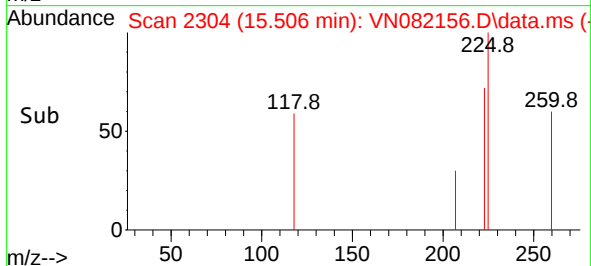
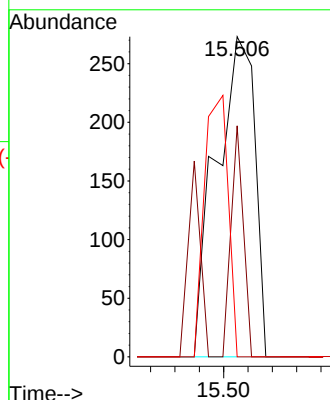
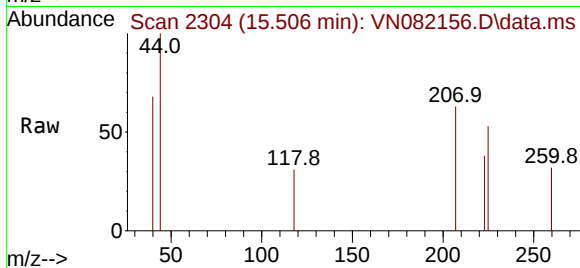
MDL-WATER-03-QT2-2024

Tgt Ion:	225	Resp:	302
Ion Ratio	Lower	Upper	
225	100		
223	23.2	31.1	93.2#
227	50.0	30.6	91.6#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024



#95

Naphthalene

Concen: 0.356 ug/l

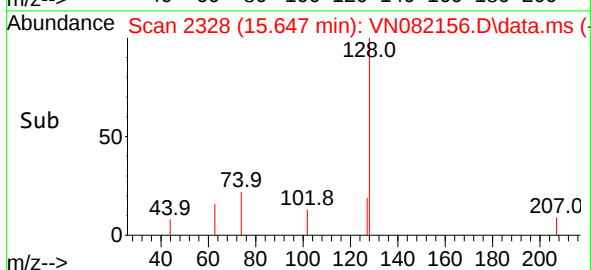
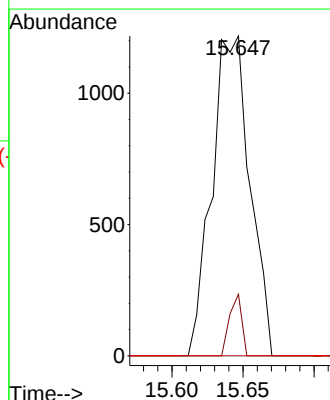
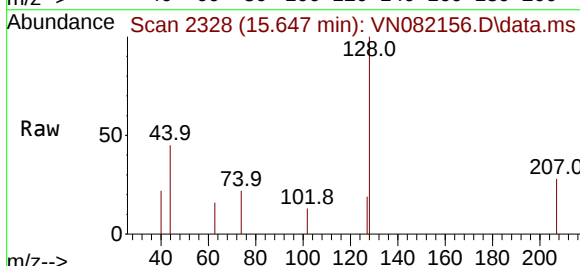
RT: 15.647 min Scan# 2328

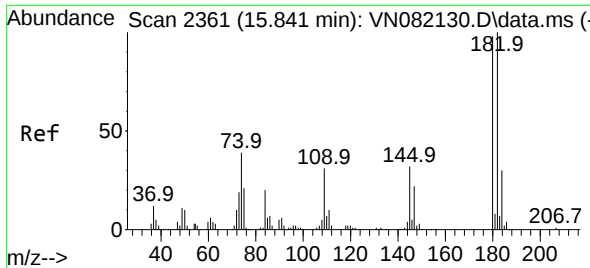
Delta R.T. 0.006 min

Lab File: VN082156.D

Acq: 16 May 2024 12:55

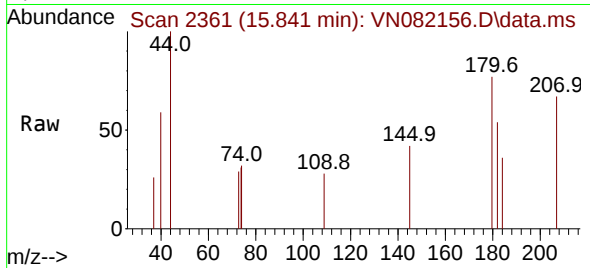
Tgt Ion:	128	Resp:	2265
Ion Ratio	Lower	Upper	
128	100		
127	6.2	10.1	15.1#
129	0.0	8.9	13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.353 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082156.D
 Acq: 16 May 2024 12:55

Instrument : MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024



Tgt Ion:180 Resp: 718
 Ion Ratio Lower Upper
 180 100
 182 113.2 46.0 137.8
 145 40.8 17.1 51.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024

