

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083301.D
 Acq On : 14 Aug 2024 15:15
 Operator : JC\MD
 Sample : P3390-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 15 00:52:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 00:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121168	54.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.160%			
35) Dibromofluoromethane	8.171	113	86425	50.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.565	98	311243	48.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.580%			
62) 4-Bromofluorobenzene	12.847	95	114150	45.431	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	461	0.258	ug/l #	43
3) Chloromethane	2.359	50	568	0.311	ug/l #	43
5) Bromomethane	2.965	94	590	0.510	ug/l #	58
7) Trichlorofluoromethane	3.506	101	734	0.238	ug/l #	68
11) Tert butyl alcohol	5.541	59	314	0.674	ug/l #	71
13) Acrolein	4.177	56	165	0.544	ug/l #	53
15) Acrylonitrile	5.730	53	942	0.984	ug/l #	69
16) Acetone	4.447	43	1449	1.653	ug/l #	88
17) Carbon Disulfide	4.712	76	2321	0.455	ug/l #	75
18) Methyl Acetate	5.041	43	899	0.344	ug/l #	56
20) Methylene Chloride	5.271	84	992	0.492	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	384	0.213	ug/l #	31
23) Vinyl Acetate	6.618	43	5880	0.925	ug/l #	85
25) 2-Butanone	7.500	43	1469	1.091	ug/l #	53
28) Bromochloromethane	7.824	49	330	0.239	ug/l #	21
29) Tetrahydrofuran	7.847	42	767	0.881	ug/l #	67
30) Chloroform	7.965	83	816	0.232	ug/l #	72
31) Cyclohexane	8.224	56	4598	1.385	ug/l #	14
36) 1,1-Dichloropropene	8.371	75	707m	0.271	ug/l	
39) Methylcyclohexane	9.606	83	782	0.244	ug/l #	47
40) Benzene	8.612	78	1687	0.217	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	711	0.251	ug/l #	78
43) Isopropyl Acetate	8.688	43	4253	0.634	ug/l #	60
44) Trichloroethene	9.359	130	572	0.309	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	2303	0.832	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.159	63	2212	1.575	ug/l #	76
59) 2-Hexanone	11.200	43	1706	0.797	ug/l	99
64) Tetrachloroethene	11.112	164	446	0.286	ug/l #	74
65) Chlorobenzene	11.900	112	1246	0.239	ug/l	90
67) Ethyl Benzene	11.965	91	1995	0.209	ug/l	96
68) m/p-Xylenes	12.082	106	1434	0.401	ug/l	83
73) Isopropylbenzene	12.694	105	1811	0.213	ug/l	95
76) 1,2,3-Trichloropropane	12.988	75	530m	0.238	ug/l	
78) n-propylbenzene	13.035	91	2442	0.250	ug/l	90
79) 2-Chlorotoluene	13.129	91	1367m	0.221	ug/l	
80) 1,3,5-Trimethylbenzene	13.170	105	1443	0.203	ug/l	98

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Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.217	91	1771	0.285	ug/l	85
83) tert-Butylbenzene	13.441	119	1317	0.209	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1595	0.223	ug/l	81
85) sec-Butylbenzene	13.617	105	1980	0.231	ug/l	87
86) p-Isopropyltoluene	13.729	119	1839	0.259	ug/l	90
87) 1,3-Dichlorobenzene	13.729	146	1124	0.317	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	1296m	0.362	ug/l	
89) n-Butylbenzene	14.053	91	1688	0.275	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	932	0.271	ug/l	86
93) 1,2,4-Trichlorobenzene	15.400	180	855	0.445	ug/l	95
94) Hexachlorobutadiene	15.500	225	337	0.394	ug/l #	41
95) Naphthalene	15.641	128	3133	0.460	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.847	180	1010	0.531	ug/l #	80

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

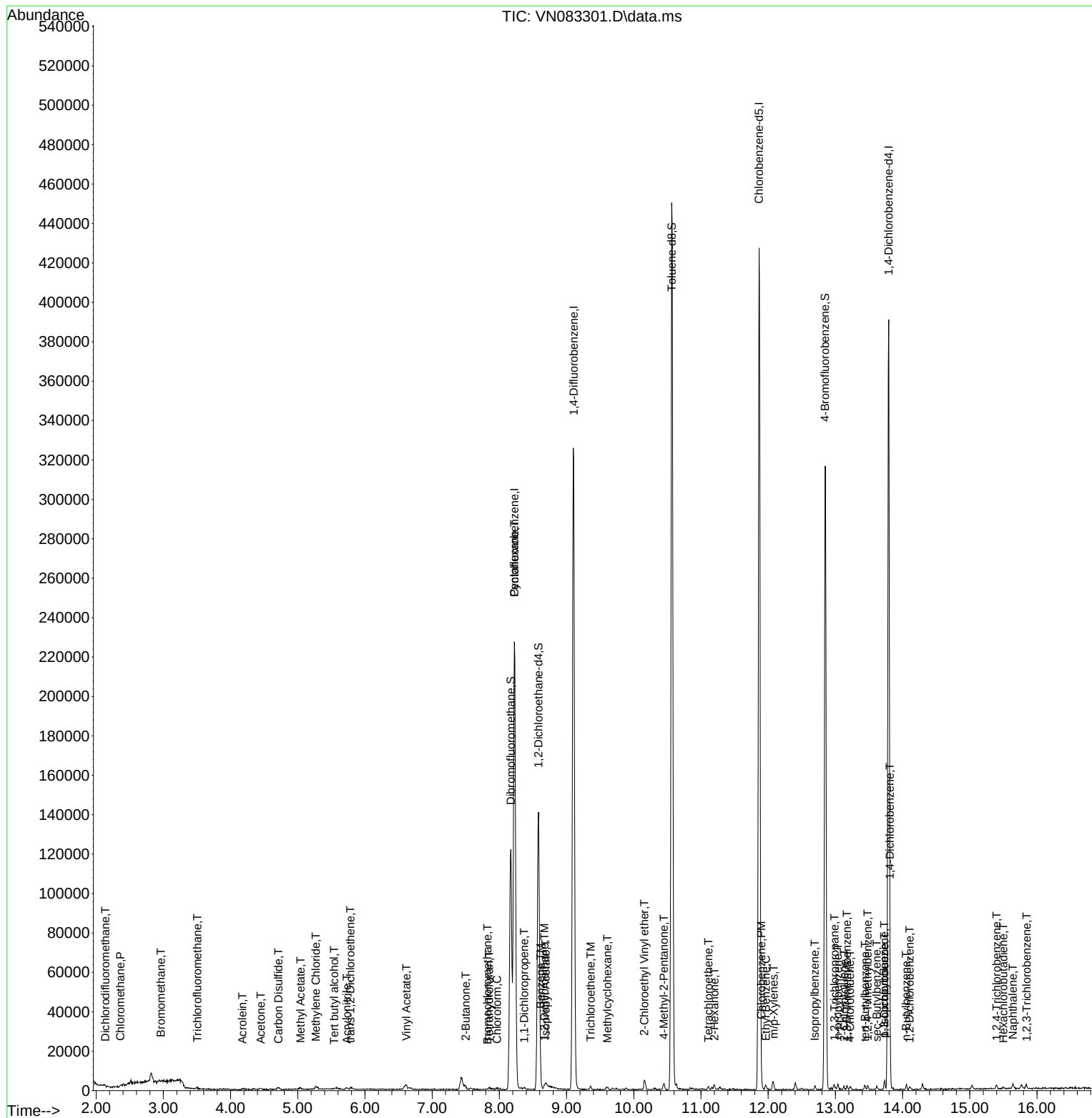
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
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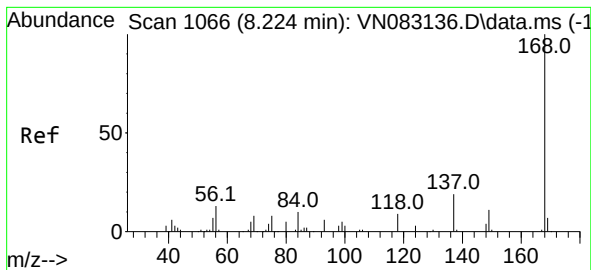
Instrument :
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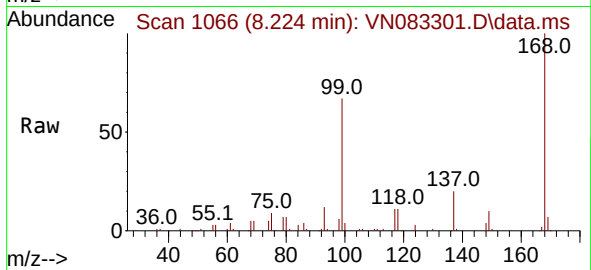
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

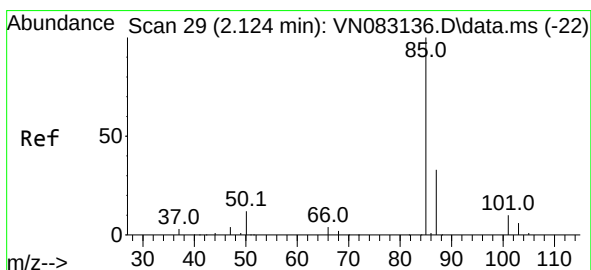
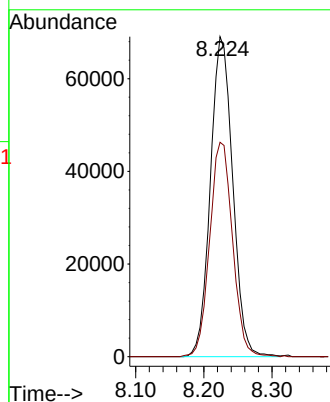
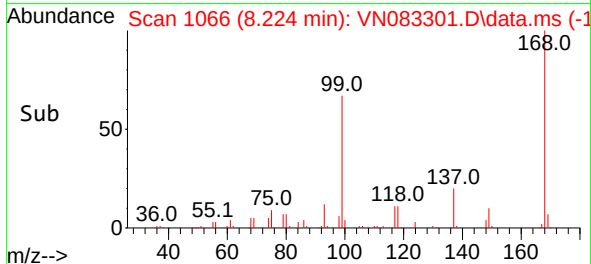
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:168 Resp: 15742
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4

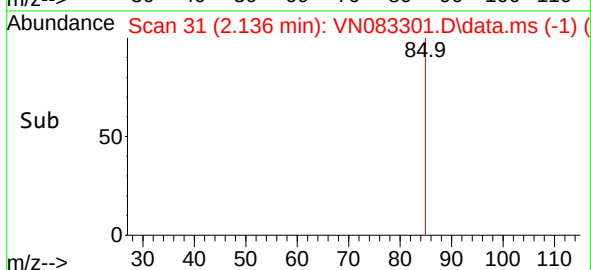
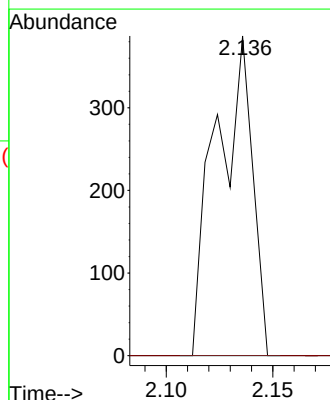
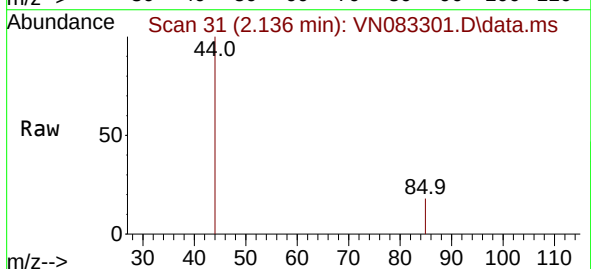
Manual Integrations
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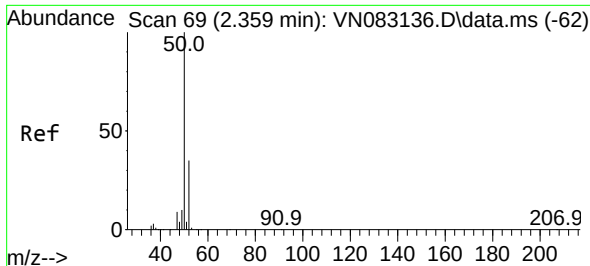
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#2
Dichlorodifluoromethane
Concen: 0.258 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

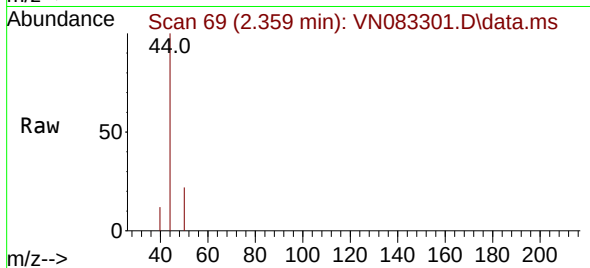
Tgt Ion: 85 Resp: 461
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#





#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

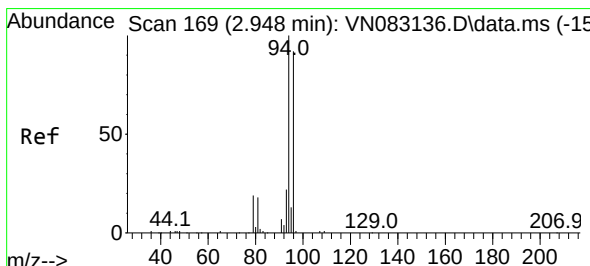
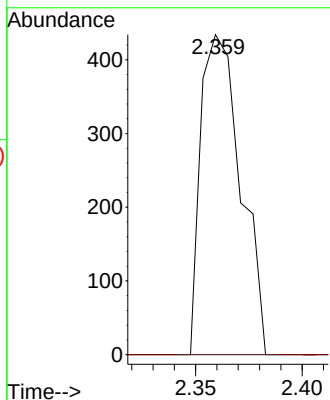
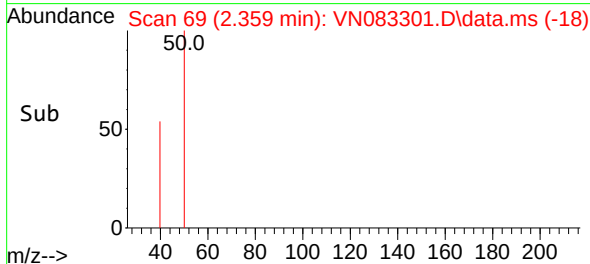
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



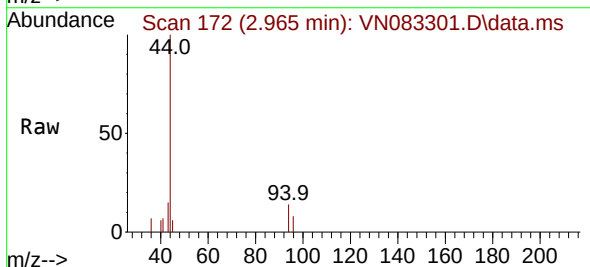
Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4

Manual Integrations
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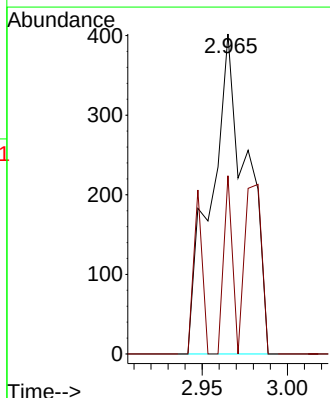
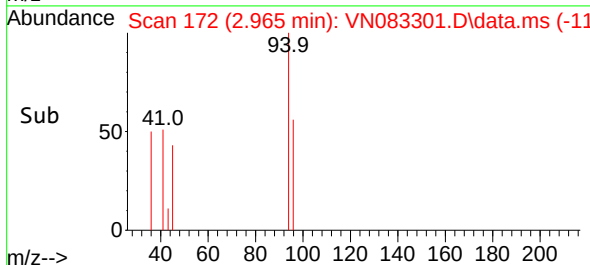
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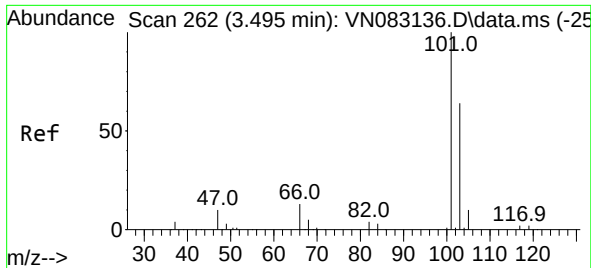


#5
Bromomethane
Concen: 0.510 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



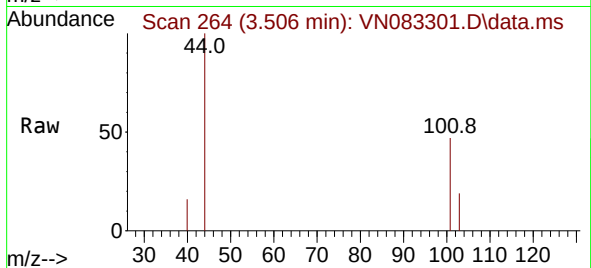
Tgt Ion: 94 Resp: 590
Ion Ratio Lower Upper
94 100
96 55.7 78.0 117.0





#7
Trichlorofluoromethane
Concen: 0.238 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.011 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

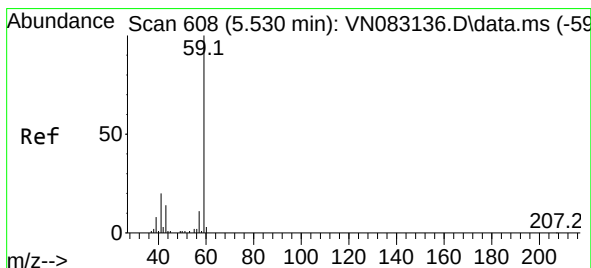
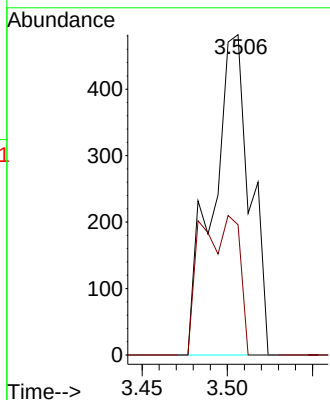
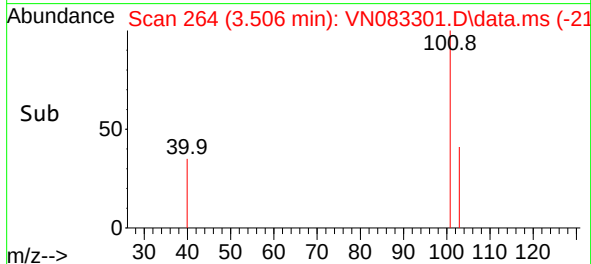
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:101 Resp: 734
Ion Ratio Lower Upper
101 100
103 40.7 52.7 79.1

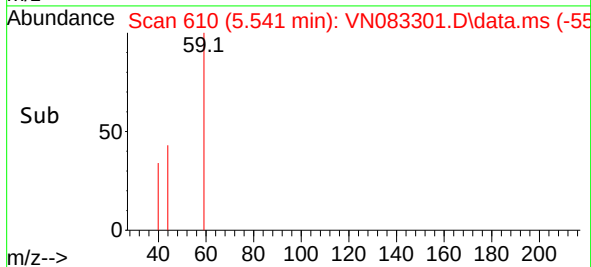
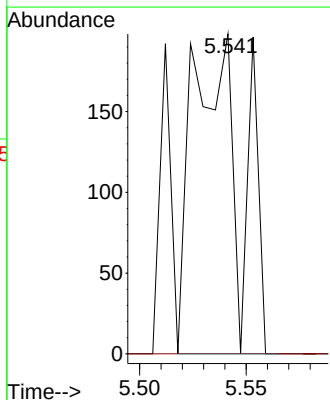
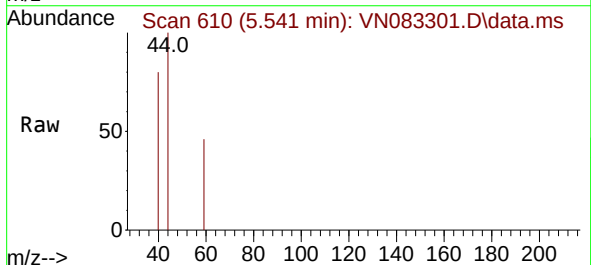
Manual Integrations
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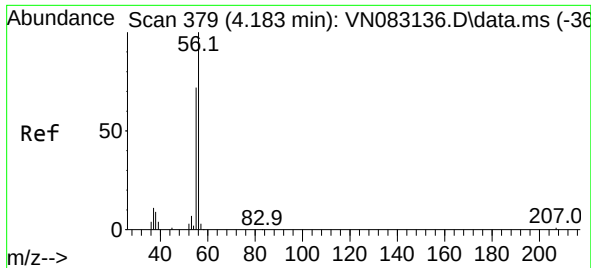
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#11
Tert butyl alcohol
Concen: 0.674 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

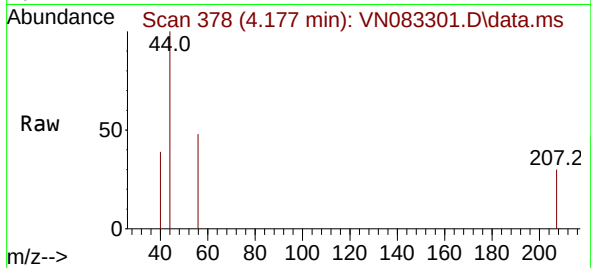
Tgt Ion: 59 Resp: 314
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3





#13
Acrolein
Concen: 0.544 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

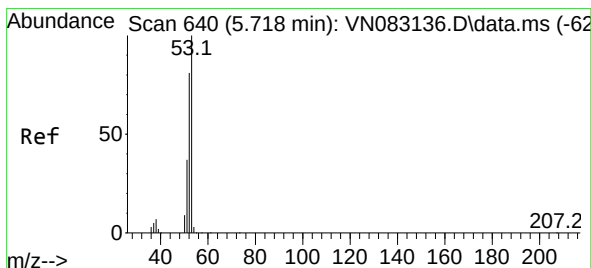
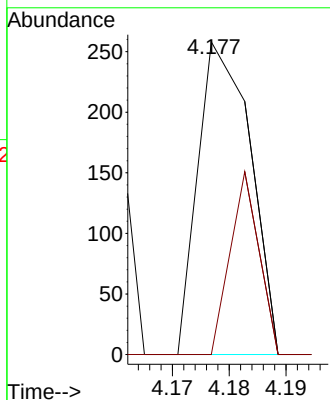
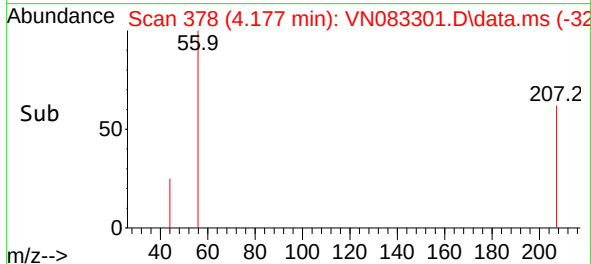
Instrument :
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ClientSampleId :
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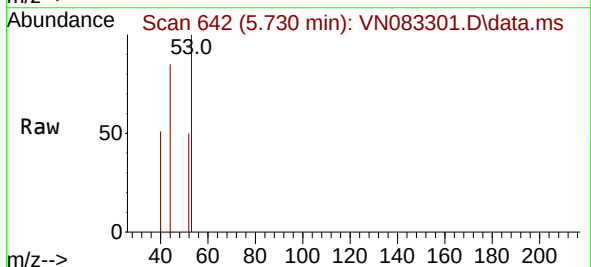
Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 32.1 56.4 84.6

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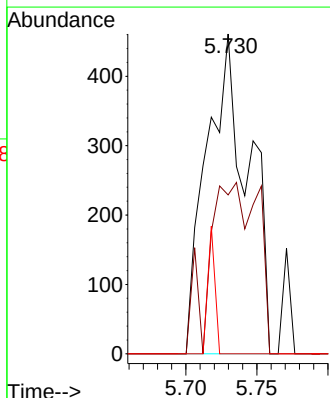
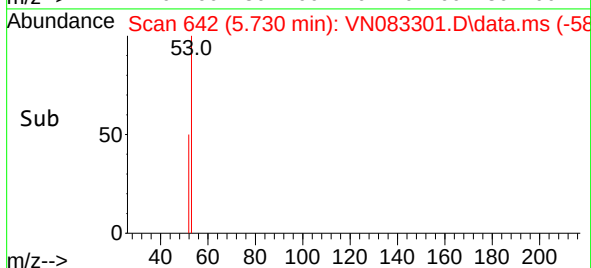
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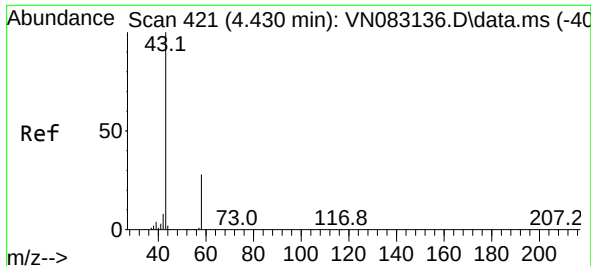


#15
Acrylonitrile
Concen: 0.984 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



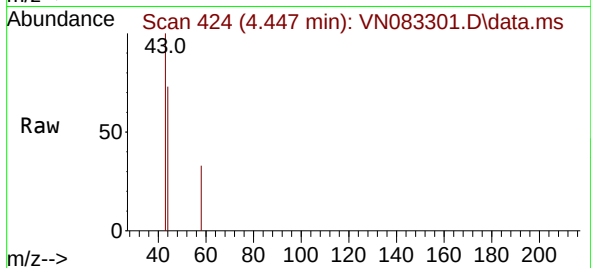
Tgt Ion: 53 Resp: 942
Ion Ratio Lower Upper
53 100
52 63.1 66.6 100.0#
51 6.9 30.1 45.1#





#16
Acetone
Concen: 1.653 ug/l
RT: 4.447 min Scan# 421
Delta R.T. 0.018 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

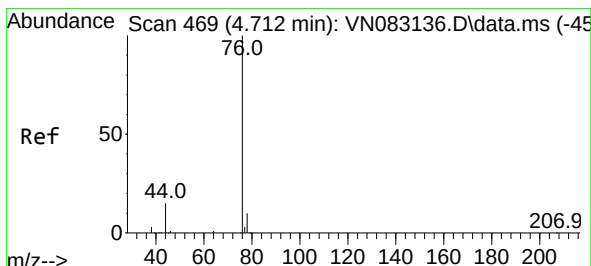
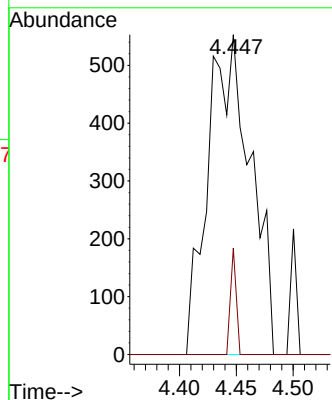
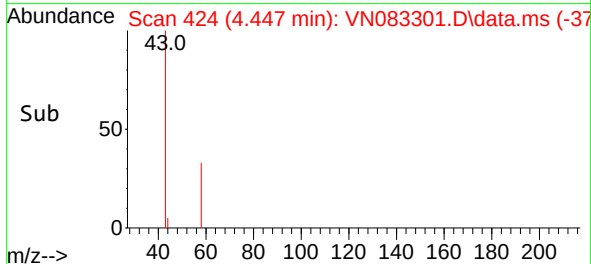
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Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 33.3 21.8 32.6

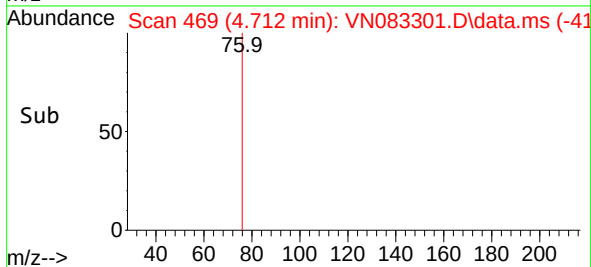
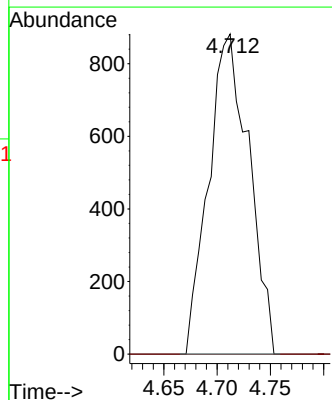
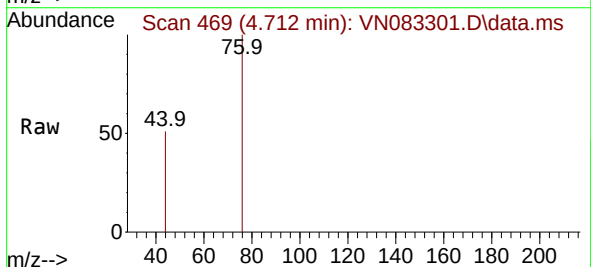
Manual Integrations
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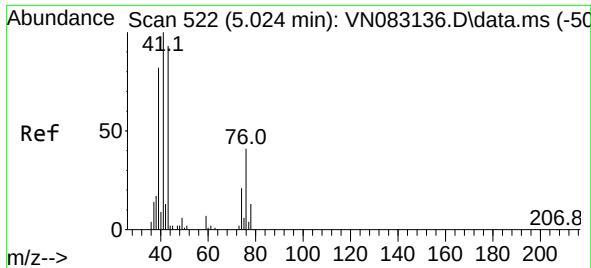
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#17
Carbon Disulfide
Concen: 0.455 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

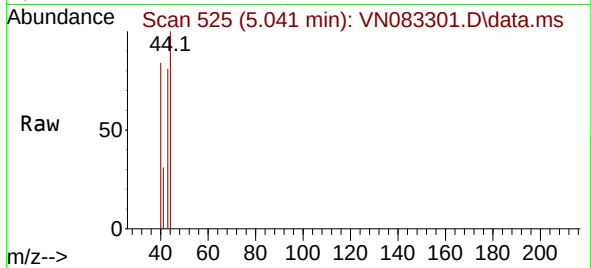
Tgt Ion: 76 Resp: 2321
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8





#18
Methyl Acetate
Concen: 0.344 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

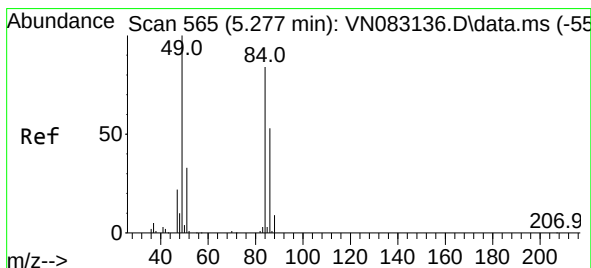
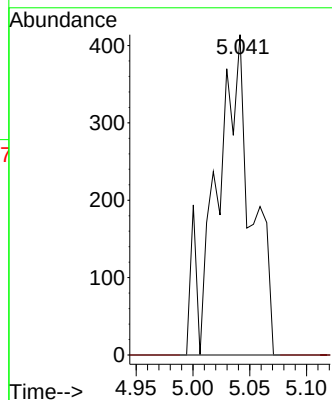
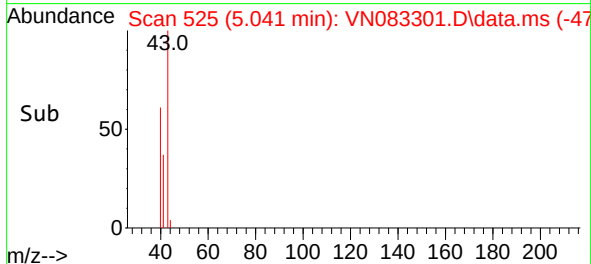
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Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5

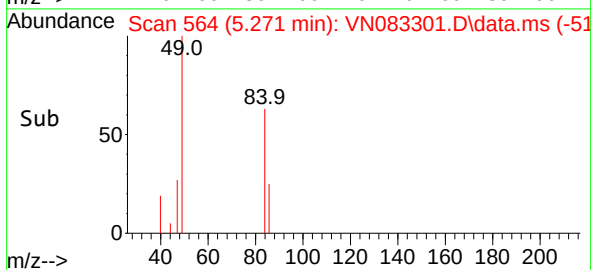
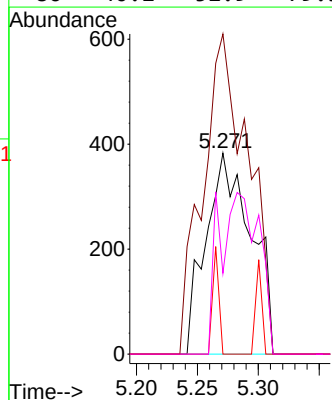
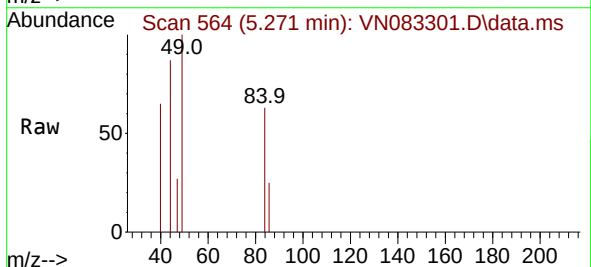
Manual Integrations
APPROVED

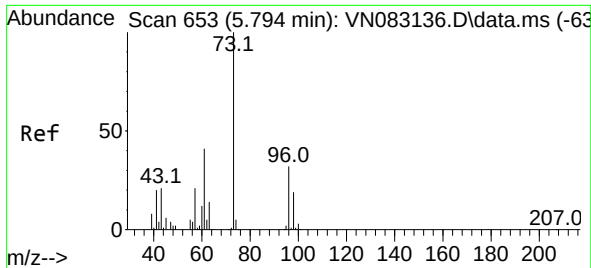
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#20
Methylene Chloride
Concen: 0.492 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

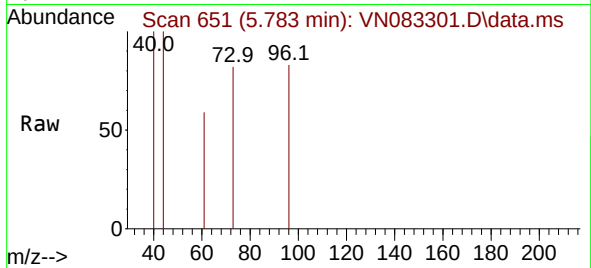
Tgt Ion: 84 Resp: 992
Ion Ratio Lower Upper
84 100
49 159.3 119.6 179.4
51 0.0 34.8 52.2#
86 40.2 52.9 79.3#





#21
trans-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

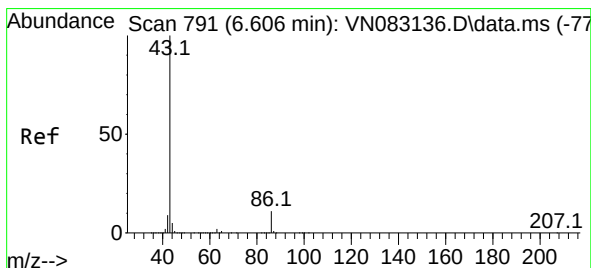
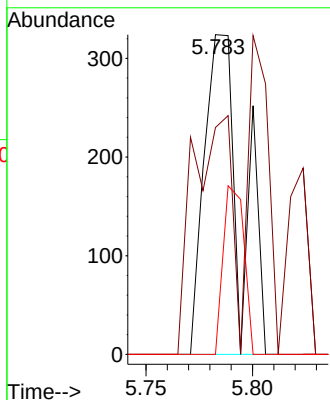
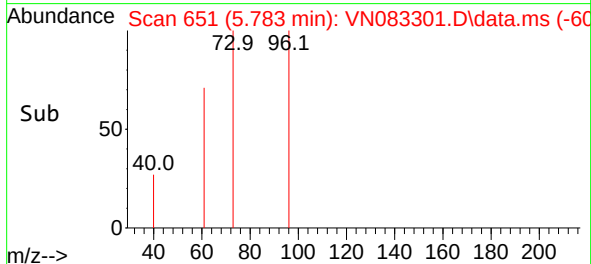
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



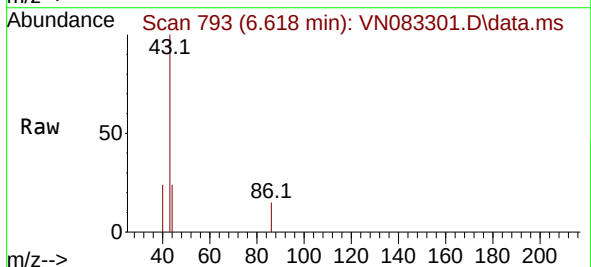
Tgt Ion: 96 Resp: 384
Ion Ratio Lower Upper
96 100
61 71.0 123.4 185.2
98 0.0 49.3 73.9

Manual Integrations
APPROVED

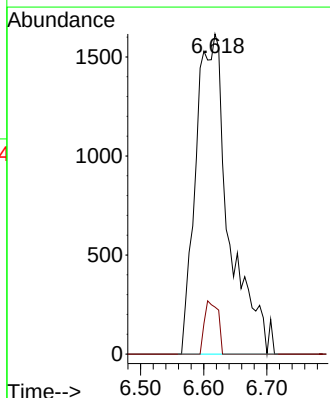
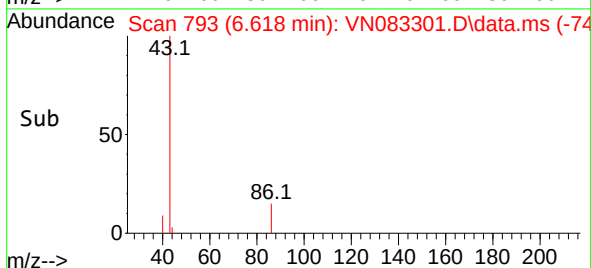
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

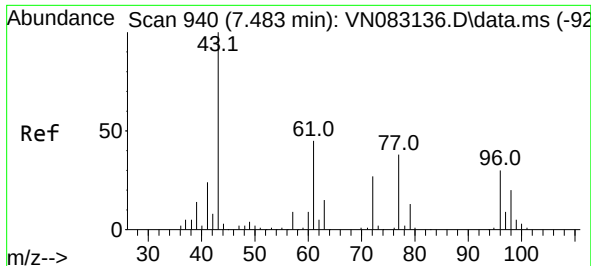


#23
Vinyl Acetate
Concen: 0.925 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



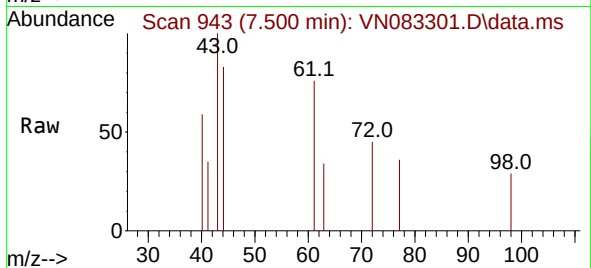
Tgt Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
86 14.7 7.3 10.9





#25
2-Butanone
Concen: 1.091 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

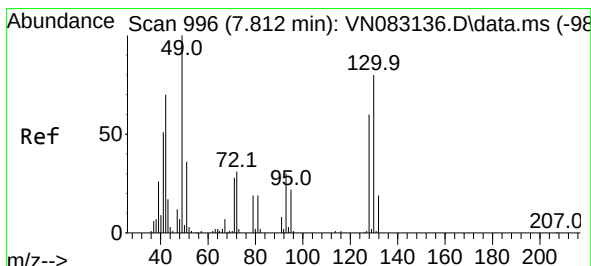
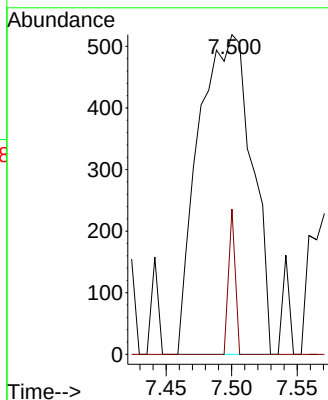
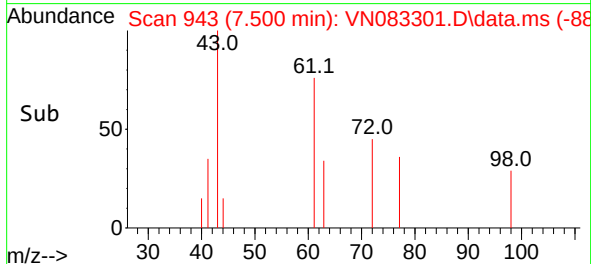
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



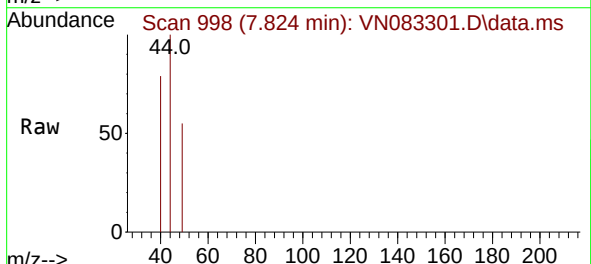
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
72 45.5 18.2 27.2

Manual Integrations
APPROVED

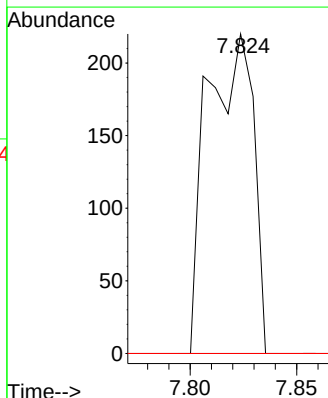
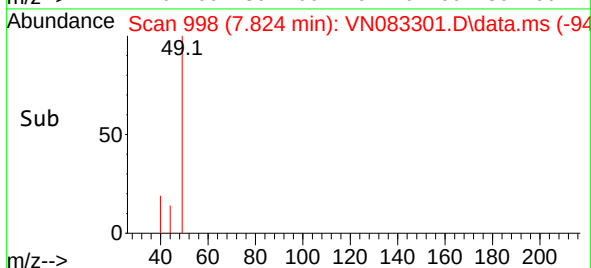
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

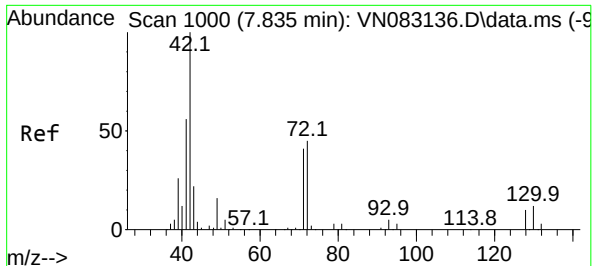


#28
Bromochloromethane
Concen: 0.239 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



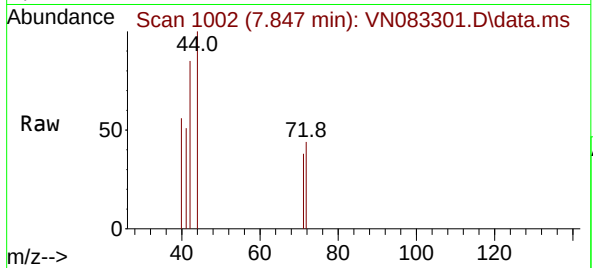
Tgt Ion: 49 Resp: 330
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7





#29
Tetrahydrofuran
Concen: 0.881 ug/l
RT: 7.847 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

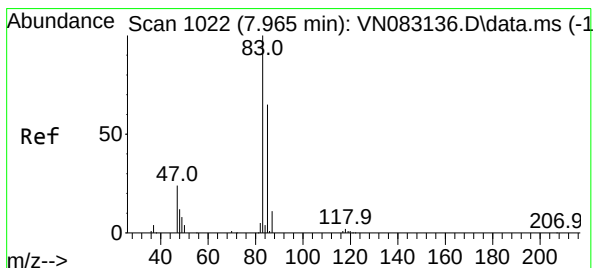
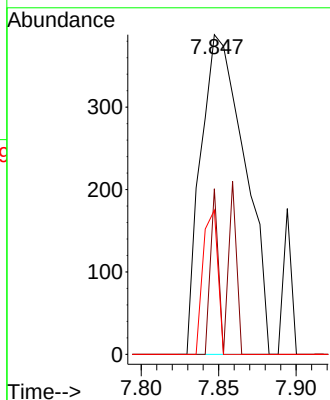
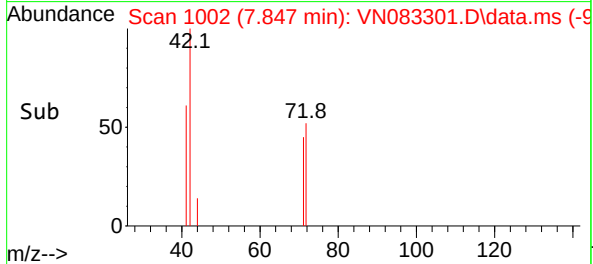
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
72 18.9 30.0 45.0
71 15.0 28.3 42.5

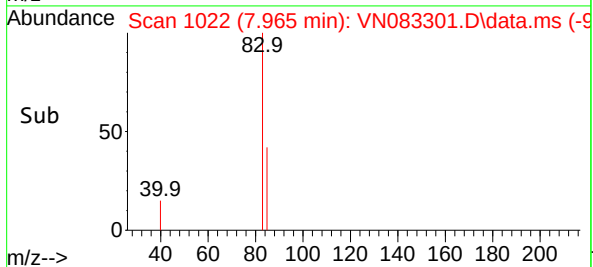
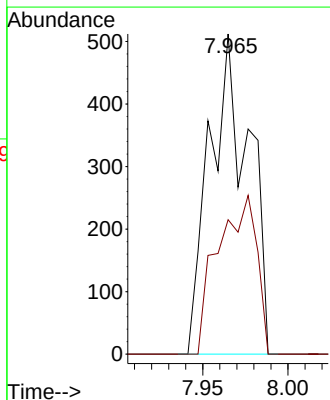
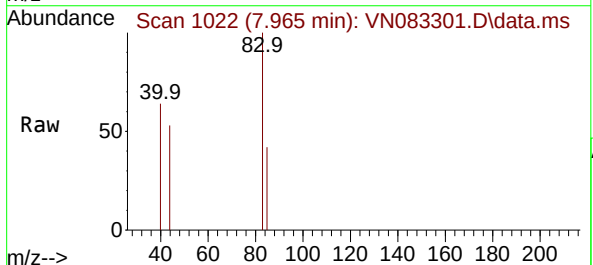
Manual Integrations
APPROVED

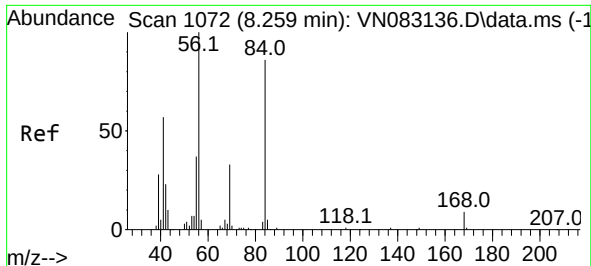
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#30
Chloroform
Concen: 0.232 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

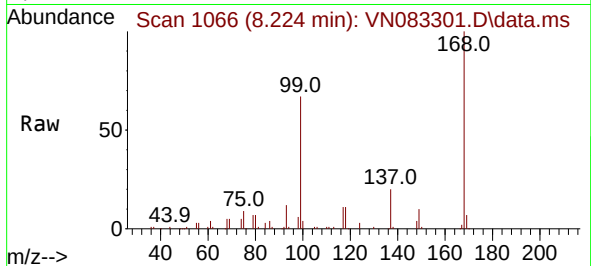
Tgt Ion: 83 Resp: 816
Ion Ratio Lower Upper
83 100
85 42.0 50.9 76.3





#31
Cyclohexane
Concen: 1.385 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

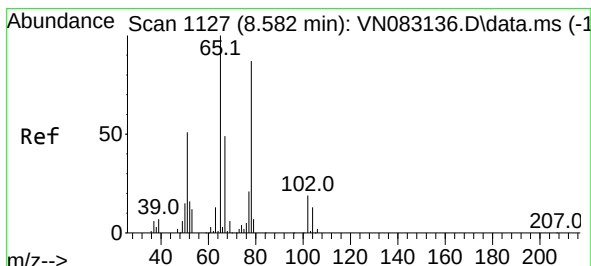
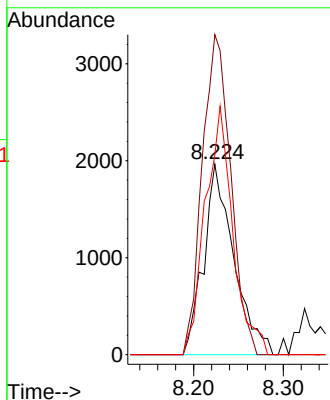
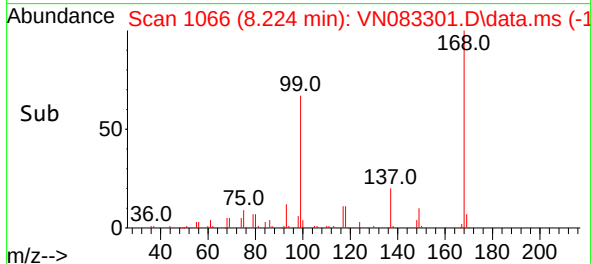
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 4598
Ion Ratio Lower Upper
56 100
69 168.0 24.5 36.7
84 104.9 66.0 99.0

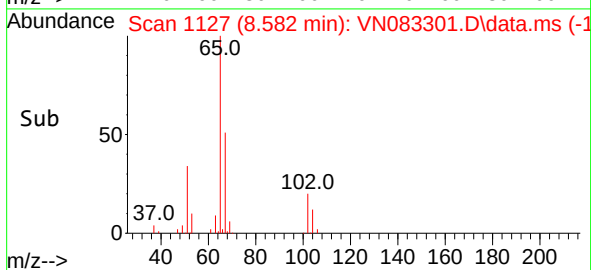
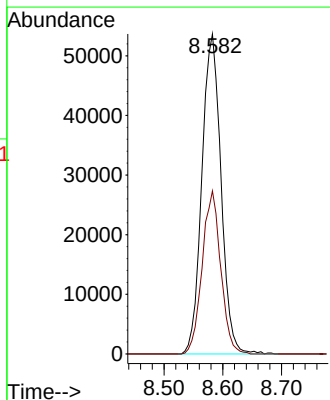
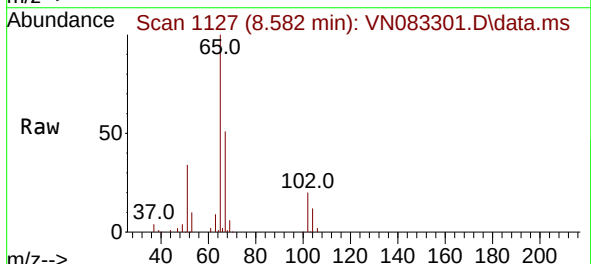
Manual Integrations
APPROVED

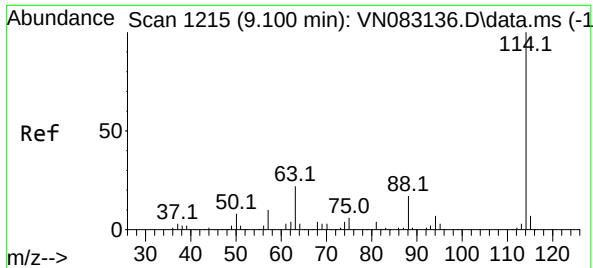
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#33
1,2-Dichloroethane-d4
Concen: 54.075 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Tgt Ion: 65 Resp: 121168
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4





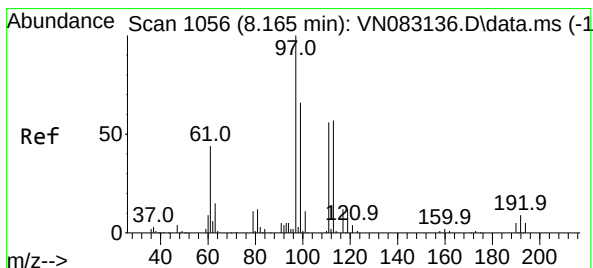
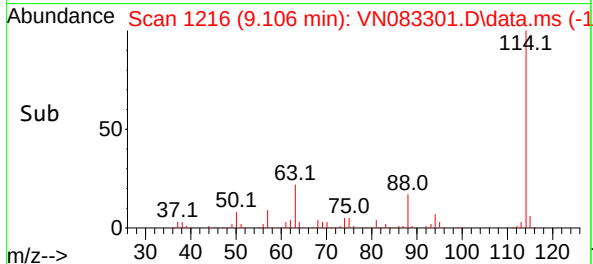
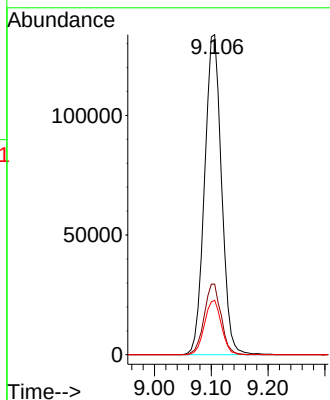
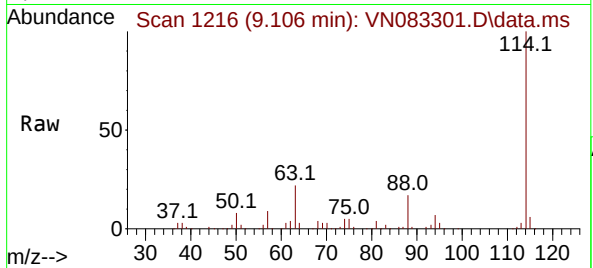
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:	114	Resp:	276804
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	44.6
88	17.0	0.0	31.4

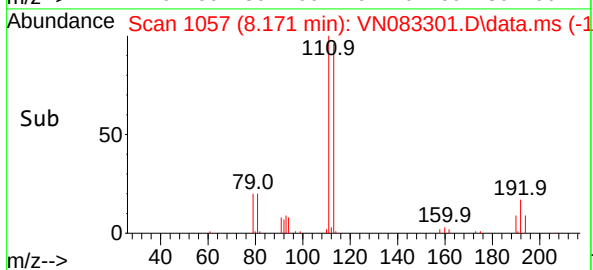
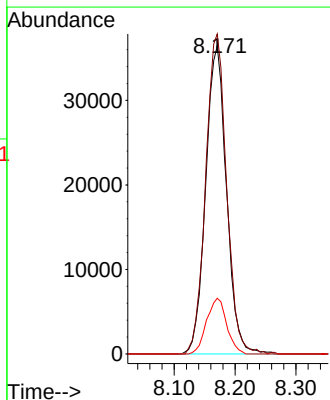
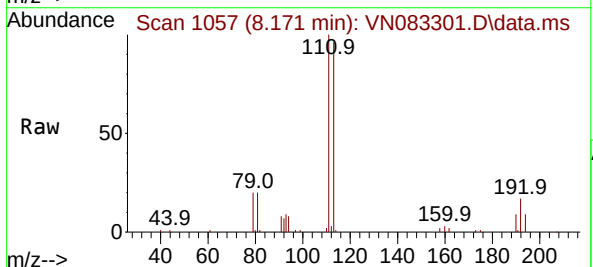
Manual Integrations
APPROVED

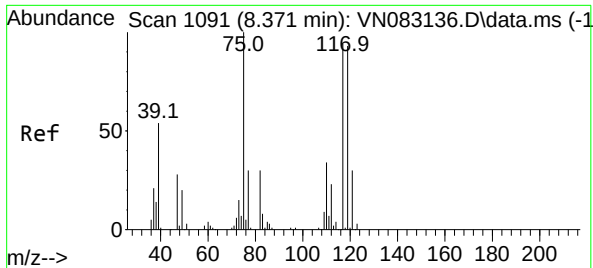
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

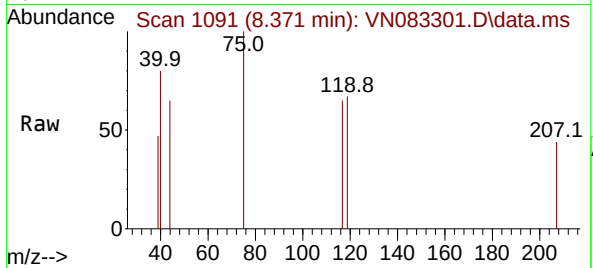
Tgt Ion:	113	Resp:	86425
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.4	123.6
192	17.5	14.9	22.3





#36
1,1-Dichloropropene
Concen: 0.271 ug/l m
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

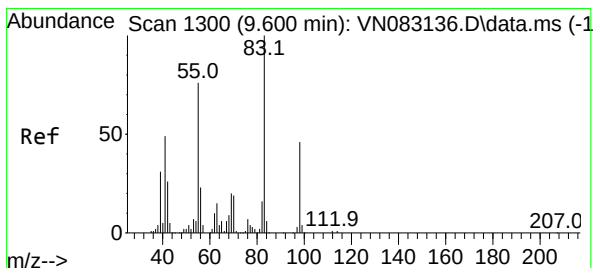
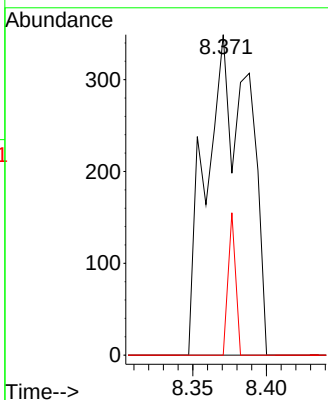
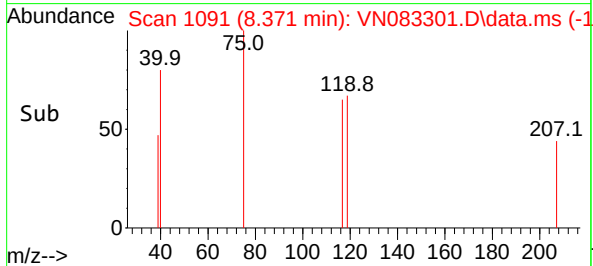
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



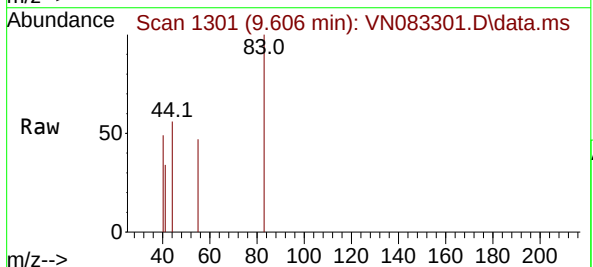
Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
110 0.0 16.3 48.9
77 7.8 24.6 37.0

Manual Integrations
APPROVED

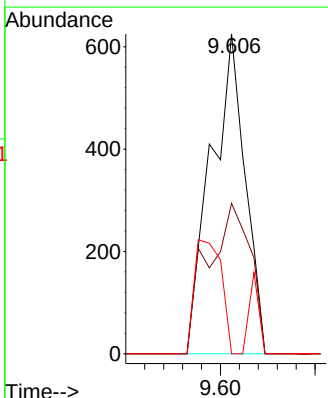
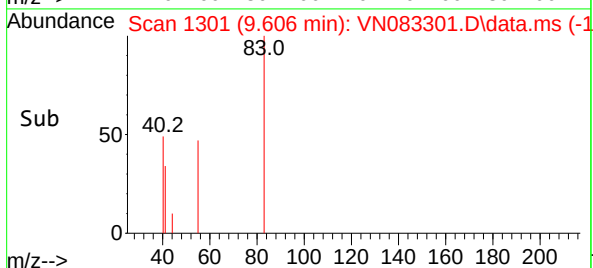
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

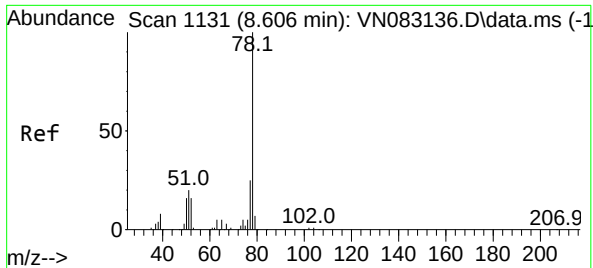


#39
Methylcyclohexane
Concen: 0.244 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



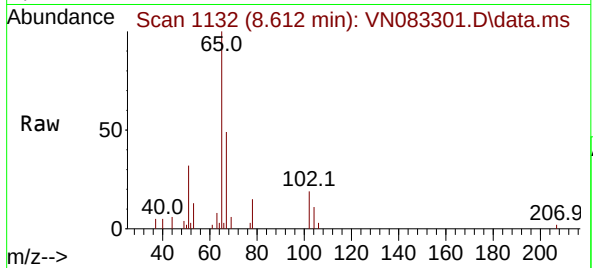
Tgt Ion: 83 Resp: 782
Ion Ratio Lower Upper
83 100
55 47.0 66.4 99.6#
98 0.0 40.7 61.1#





#40
Benzene
Concen: 0.217 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

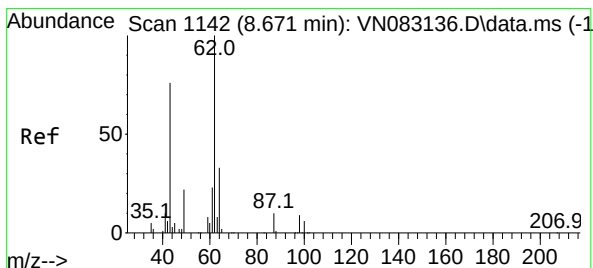
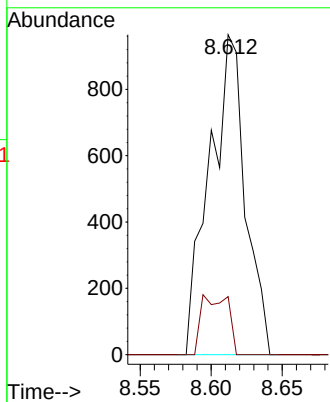
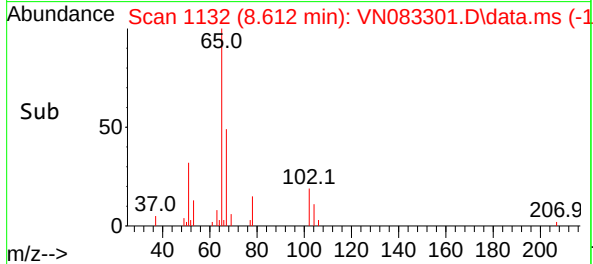
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



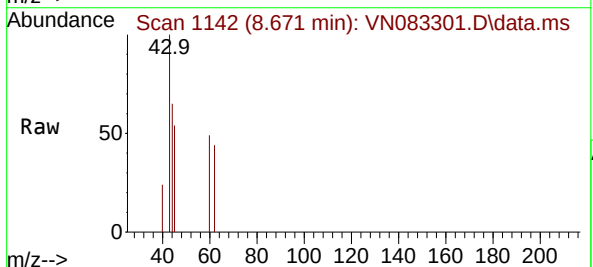
Tgt Ion: 78 Resp: 168
Ion Ratio Lower Upper
78 100
77 18.1 19.0 28.4

Manual Integrations
APPROVED

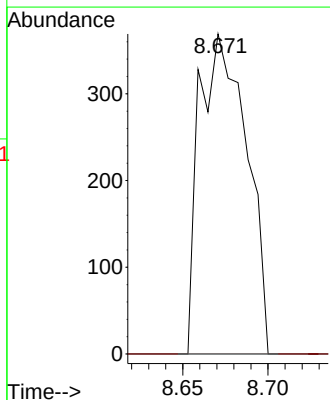
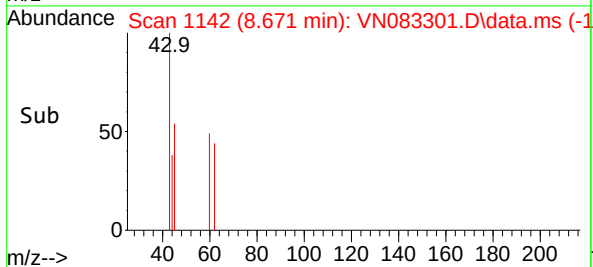
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

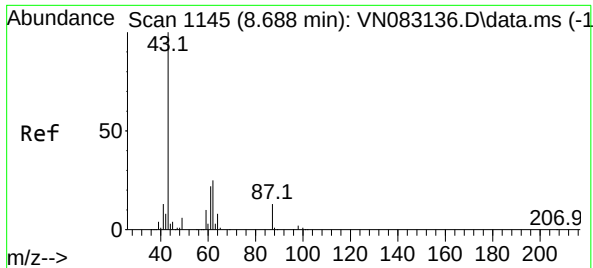


#42
1,2-Dichloroethane
Concen: 0.251 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



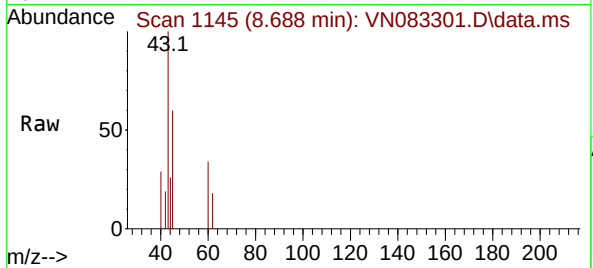
Tgt Ion: 62 Resp: 711
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 0.634 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

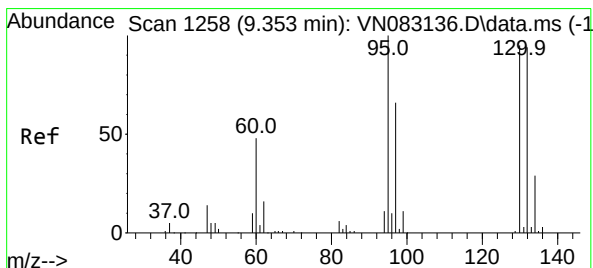
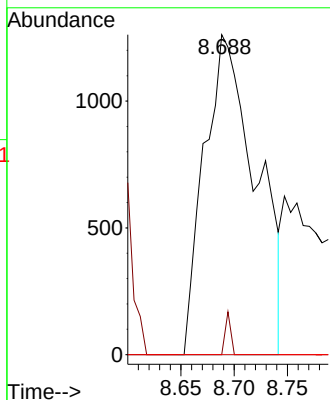
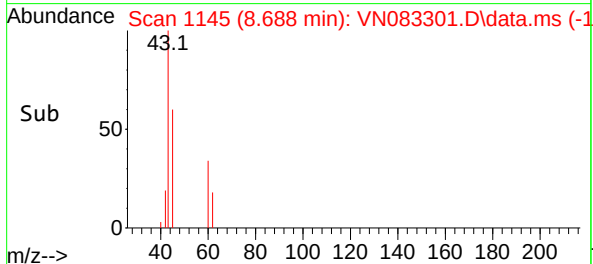
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



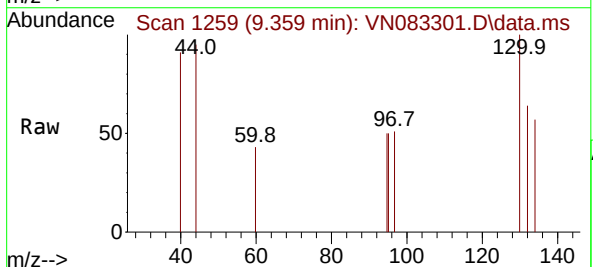
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6
87 0.0 8.2 12.2

Manual Integrations
APPROVED

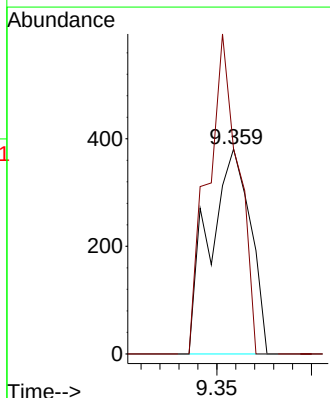
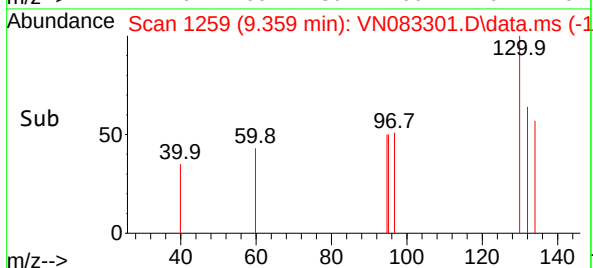
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

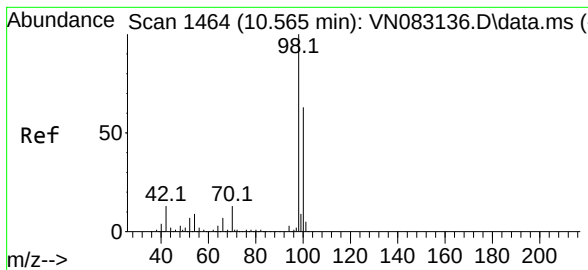


#44
Trichloroethene
Concen: 0.309 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



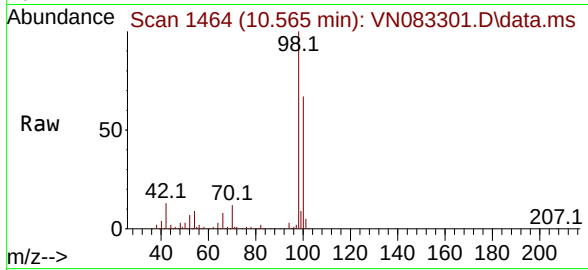
Tgt Ion:130 Resp: 572
Ion Ratio Lower Upper
130 100
95 100.0 0.0 197.8





#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

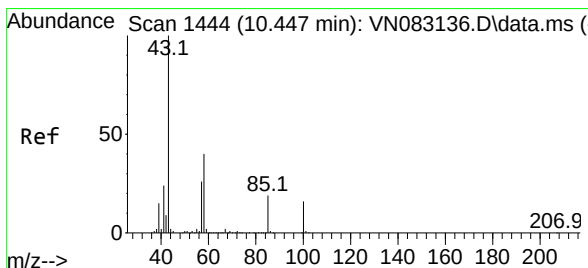
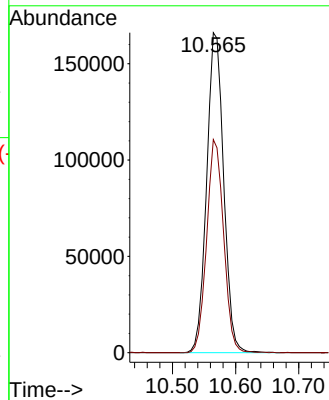
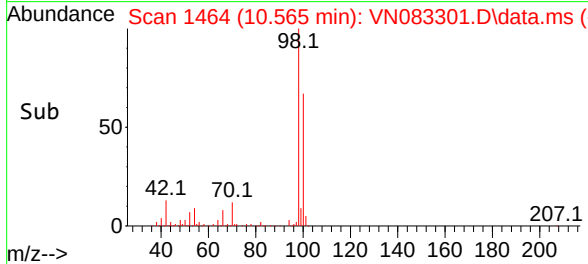
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



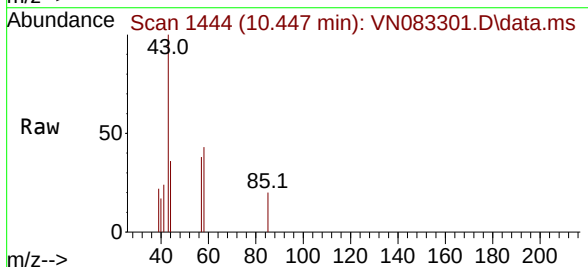
Tgt Ion: 98 Resp: 31124
Ion Ratio Lower Upper
98 100
100 66.2 51.5 77.3

Manual Integrations
APPROVED

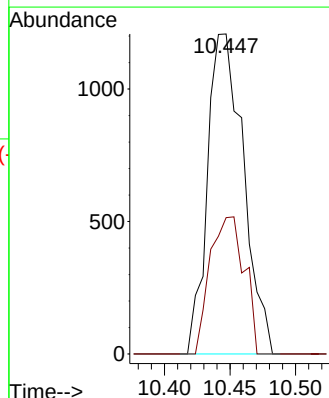
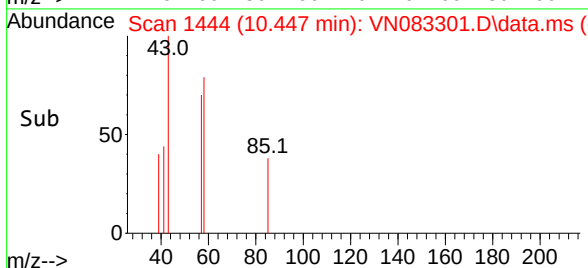
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

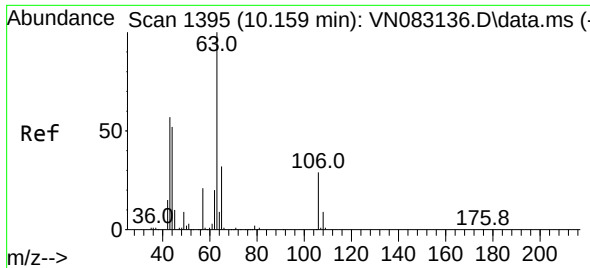


#51
4-Methyl-2-Pentanone
Concen: 0.832 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
58 41.0 28.2 42.4





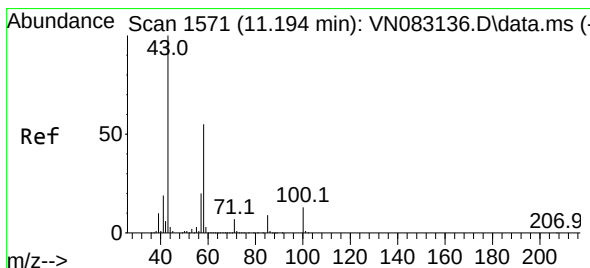
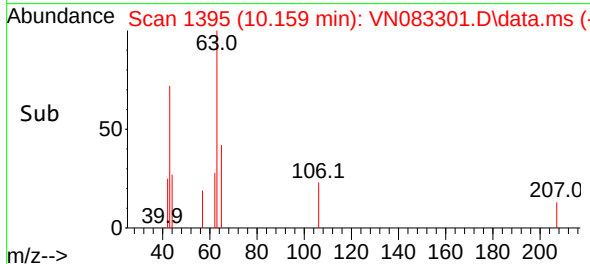
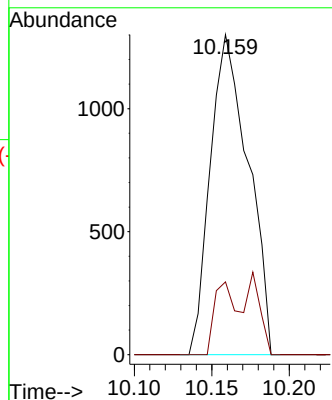
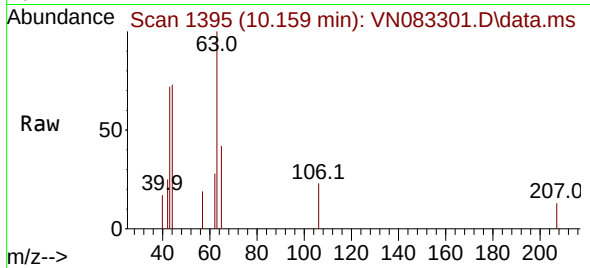
#58
2-Chloroethyl Vinyl ether
Concen: 1.575 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 221
Ion Ratio Lower Upper
63 100
106 14.4 21.4 32.0

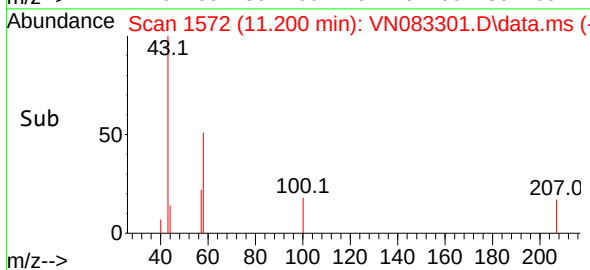
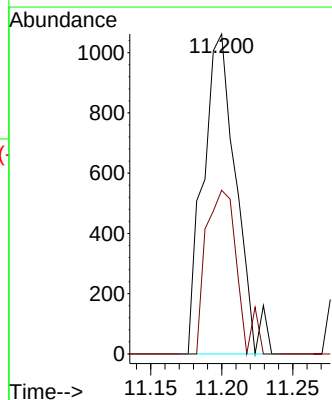
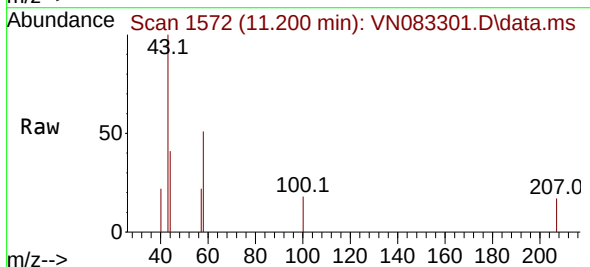
Manual Integrations
APPROVED

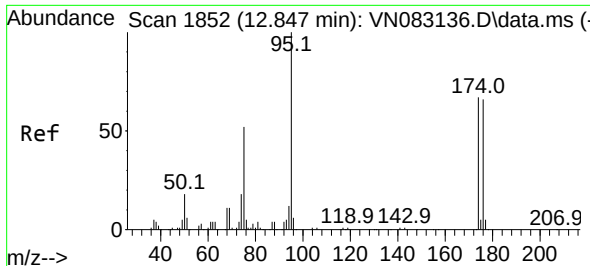
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#59
2-Hexanone
Concen: 0.797 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

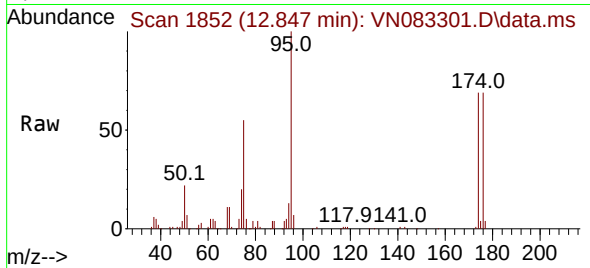
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
58 48.5 24.6 73.8





#62
4-Bromofluorobenzene
Concen: 45.431 ug/l
RT: 12.847 min Scan# 114150
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

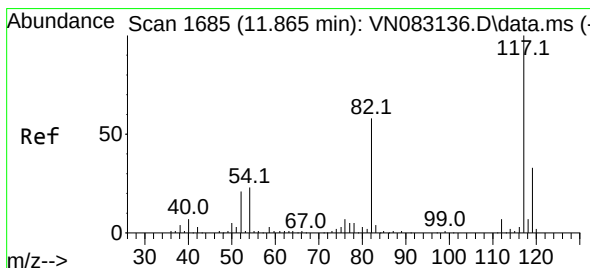
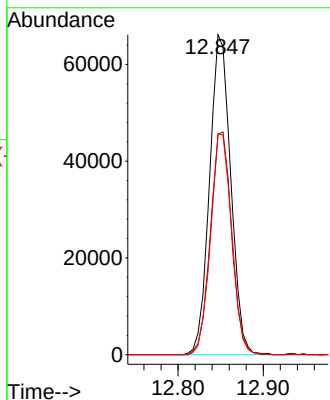
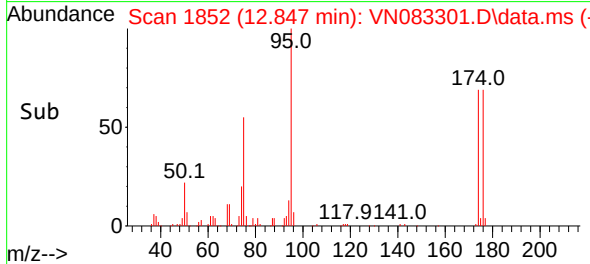
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



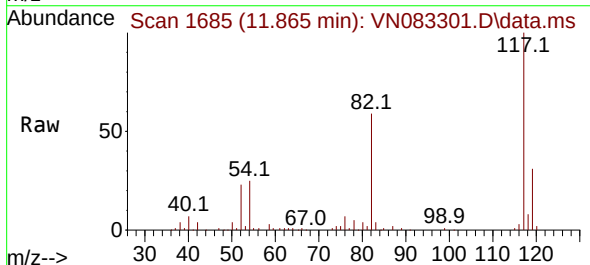
Tgt Ion: 95 Resp: 114150
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 68.7 0.0 147.6

Manual Integrations
APPROVED

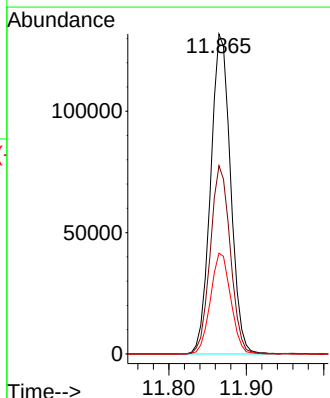
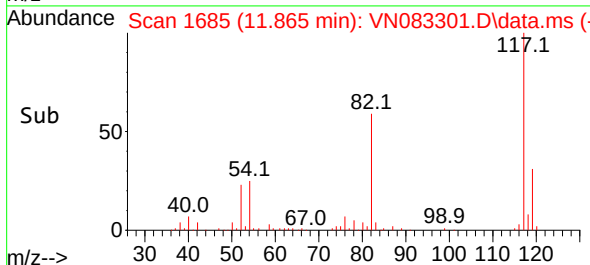
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

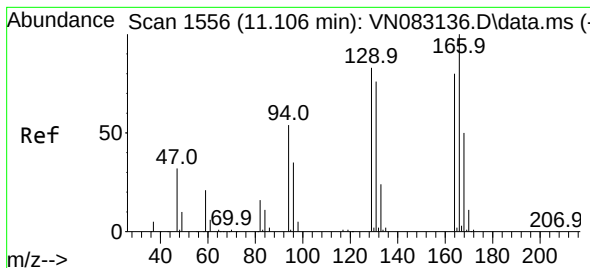


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



Tgt Ion:117 Resp: 235604
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 31.5 25.6 38.4





#64

Tetrachloroethene

Concen: 0.286 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN083301.D

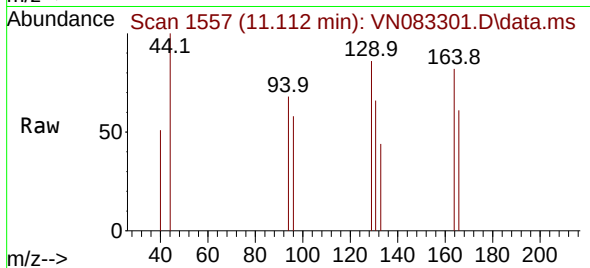
Acq: 14 Aug 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:164 Resp: 440

Ion Ratio Lower Upper

164 100

166 73.7 101.4 152.0

129 105.1 75.7 113.5

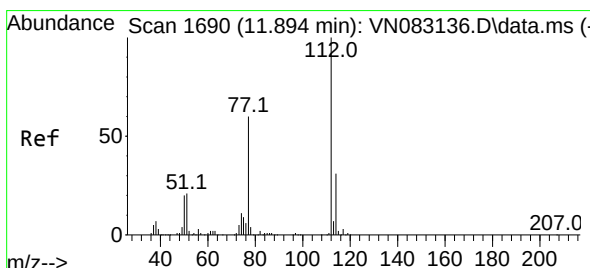
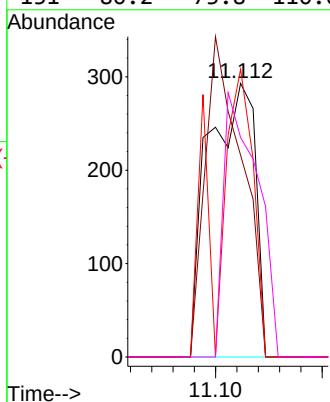
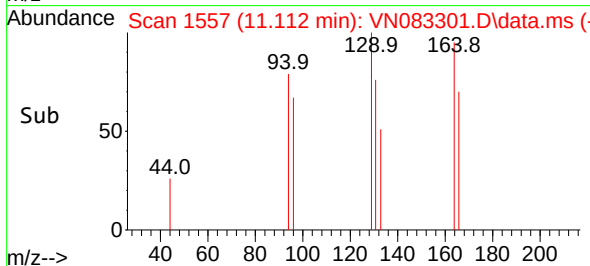
131 80.2 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#65

Chlorobenzene

Concen: 0.239 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.006 min

Lab File: VN083301.D

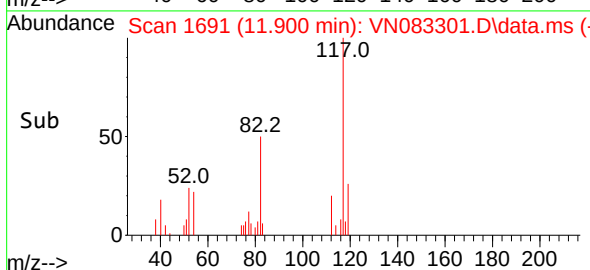
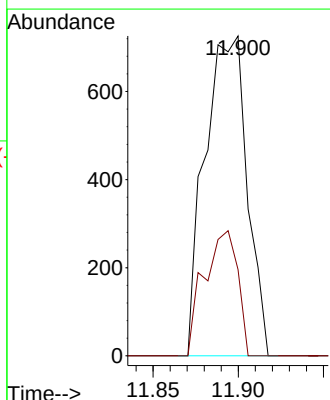
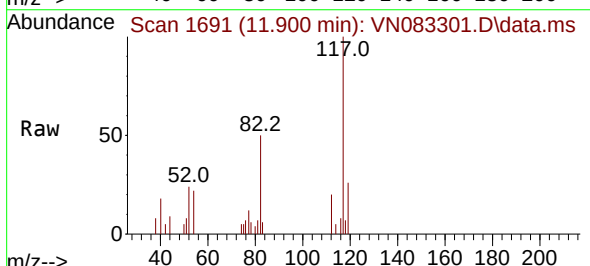
Acq: 14 Aug 2024 15:15

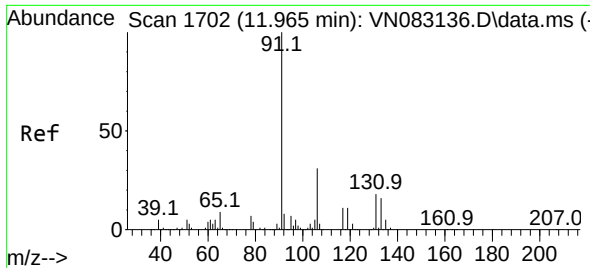
Tgt Ion:112 Resp: 1246

Ion Ratio Lower Upper

112 100

114 27.0 26.2 39.2





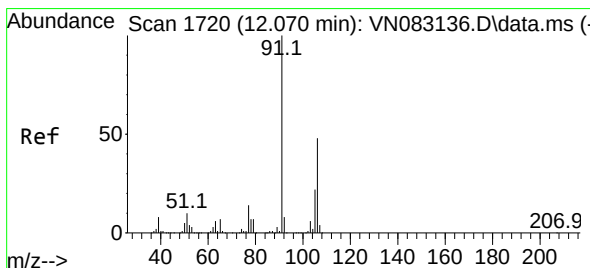
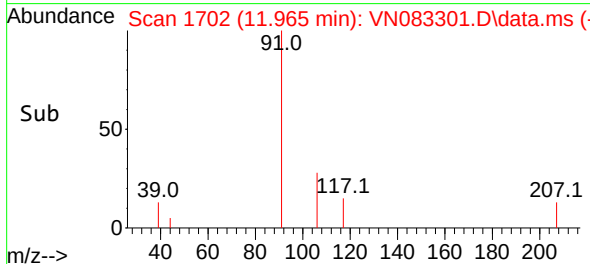
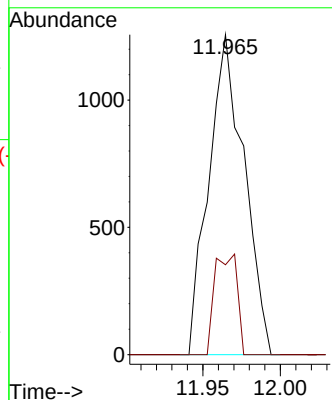
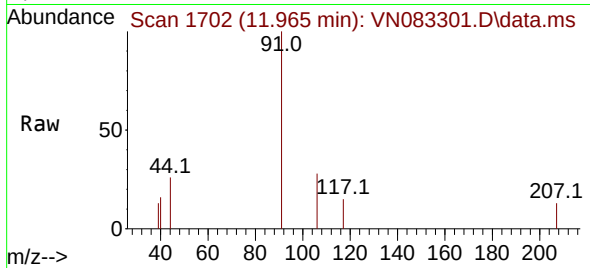
#67
Ethyl Benzene
Concen: 0.209 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 199
Ion Ratio Lower Upper
91 100
106 28.1 24.0 36.0

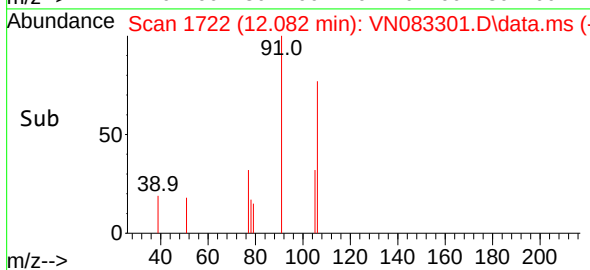
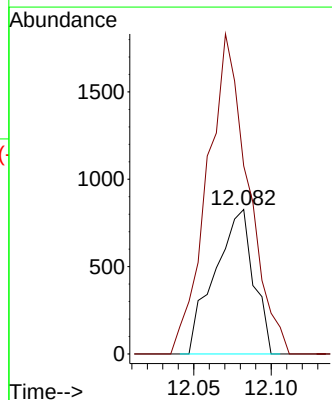
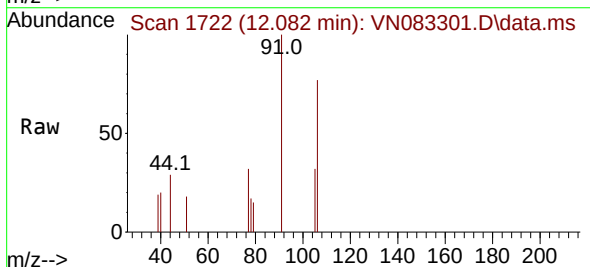
Manual Integrations
APPROVED

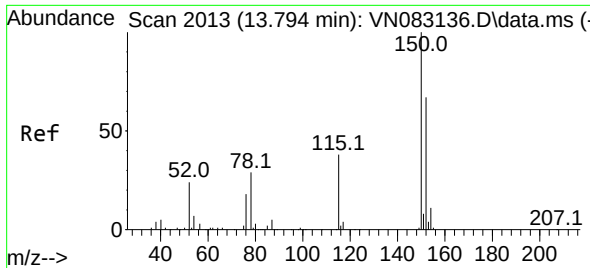
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#68
m/p-Xylenes
Concen: 0.401 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.012 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

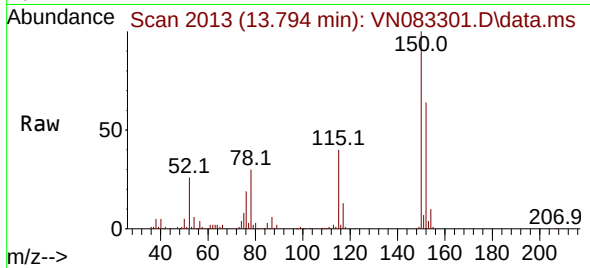
Tgt Ion:106 Resp: 1434
Ion Ratio Lower Upper
106 100
91 234.5 166.1 249.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

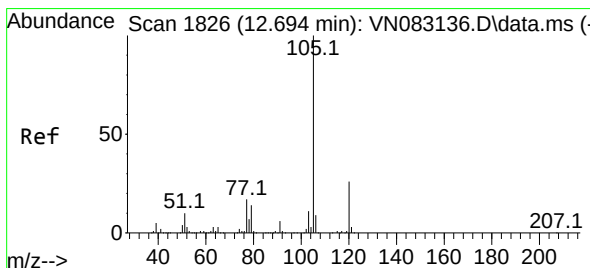
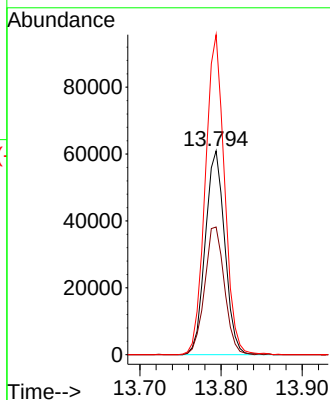
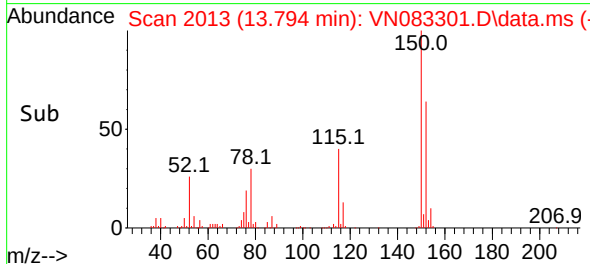
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



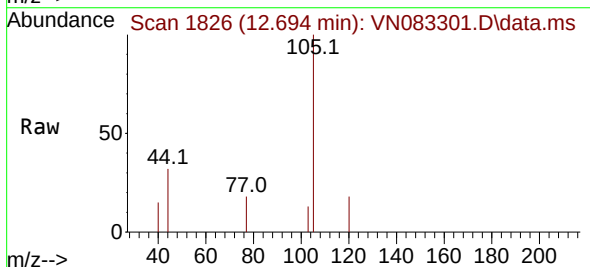
Tgt Ion:152 Resp: 101479
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 154.8 0.0 348.6

Manual Integrations
APPROVED

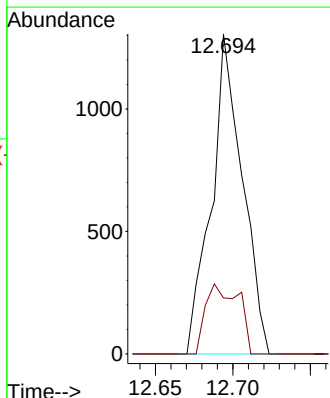
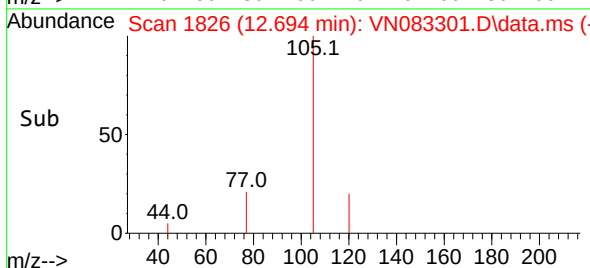
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

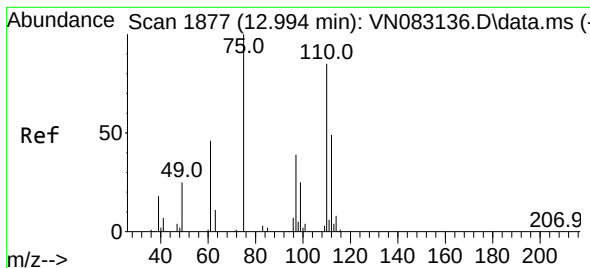


#73
Isopropylbenzene
Concen: 0.213 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



Tgt Ion:105 Resp: 1811
Ion Ratio Lower Upper
105 100
120 23.2 12.9 38.6





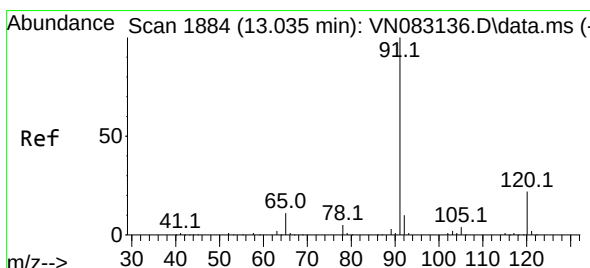
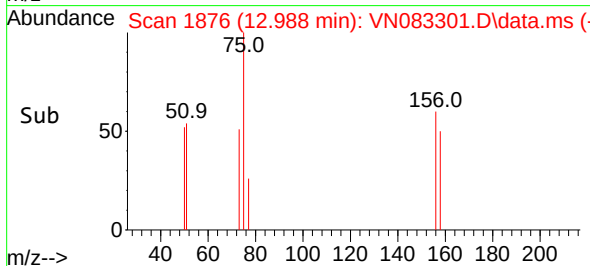
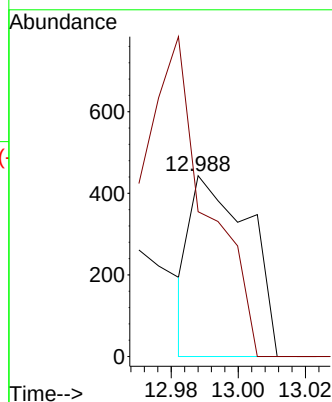
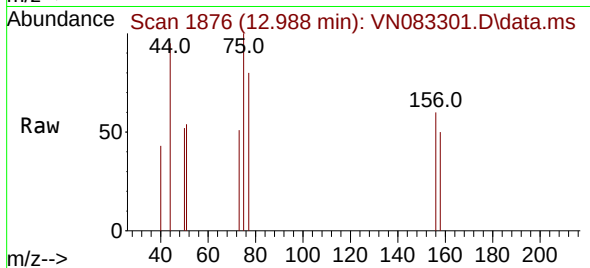
#76
1,2,3-Trichloropropane
Concen: 0.238 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 75 Resp: 530
Ion Ratio Lower Upper
75 100
77 57.4 110.9 332.6

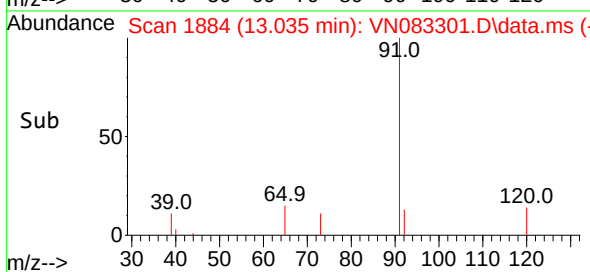
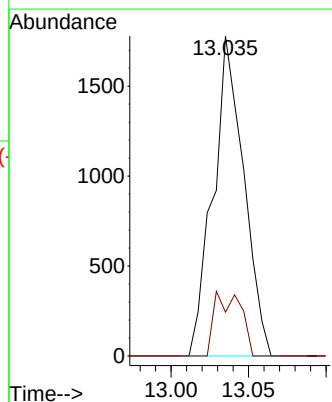
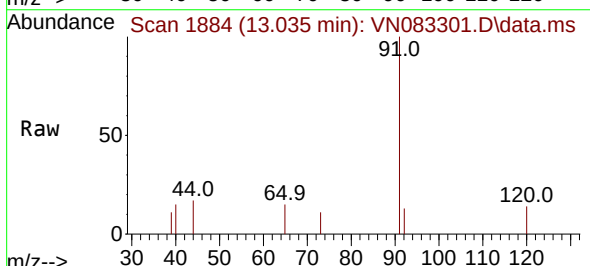
Manual Integrations
APPROVED

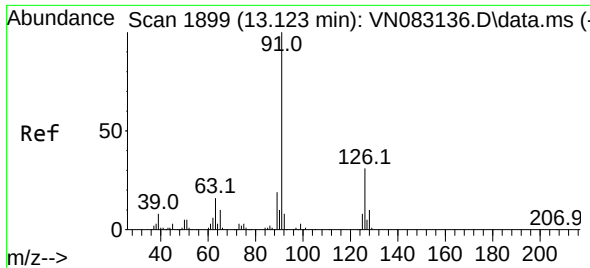
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#78
n-propylbenzene
Concen: 0.250 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Tgt Ion: 91 Resp: 2442
Ion Ratio Lower Upper
91 100
120 17.2 10.9 32.9





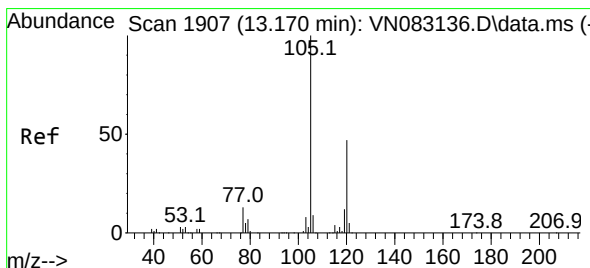
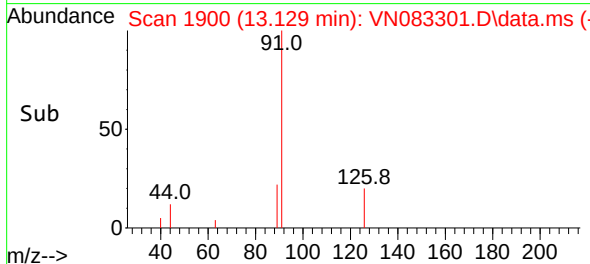
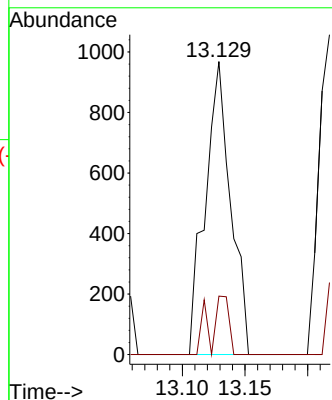
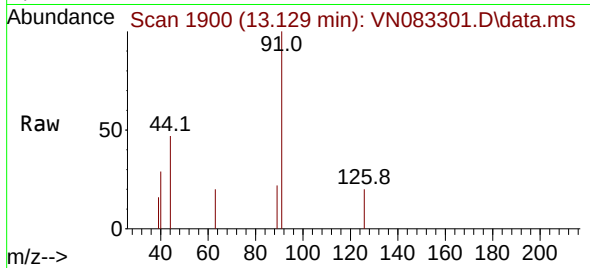
#79
2-Chlorotoluene
Concen: 0.221 ug/l m
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 136
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6

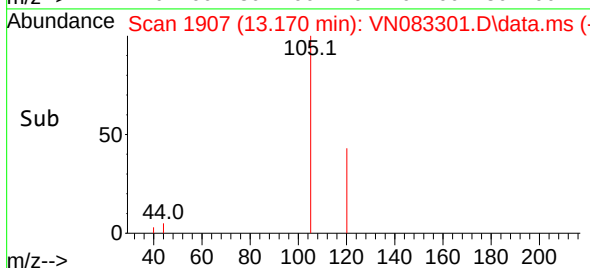
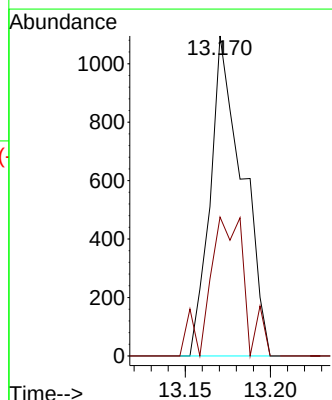
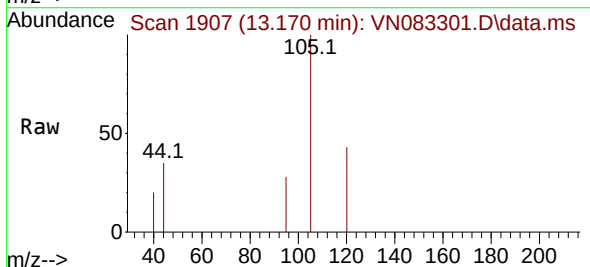
Manual Integrations
APPROVED

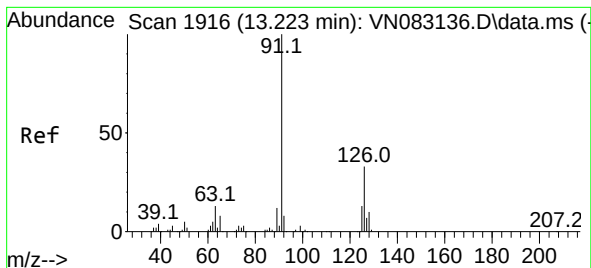
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.203 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Tgt Ion:105 Resp: 1443
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8





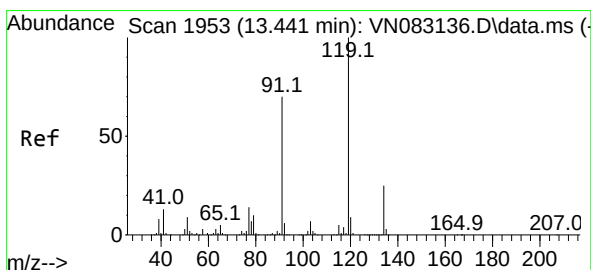
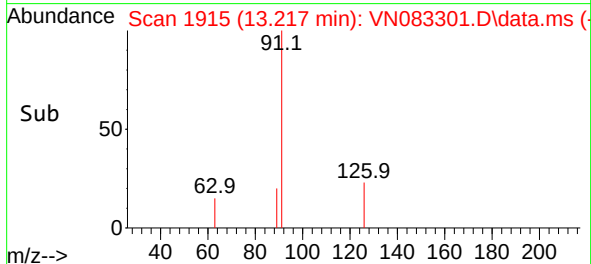
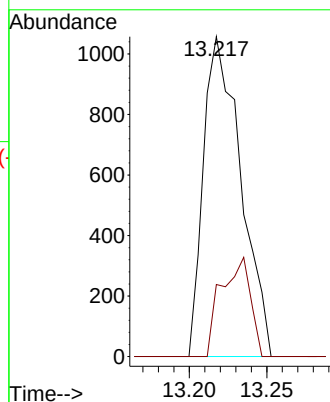
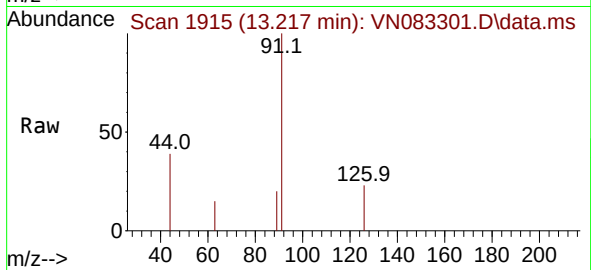
#82
4-Chlorotoluene
Concen: 0.285 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 177
Ion Ratio Lower Upper
91 100
126 24.2 16.2 48.6

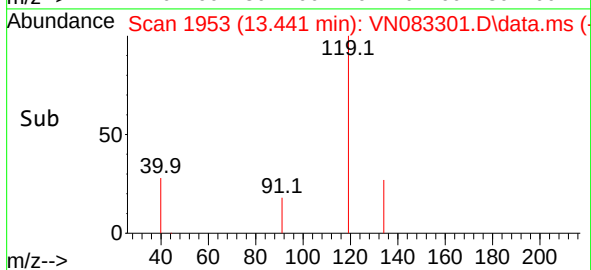
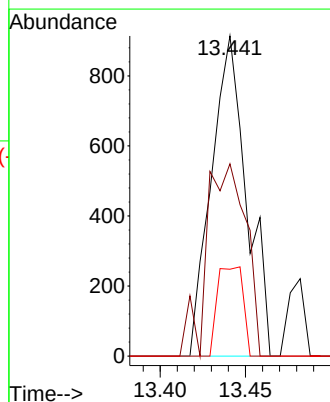
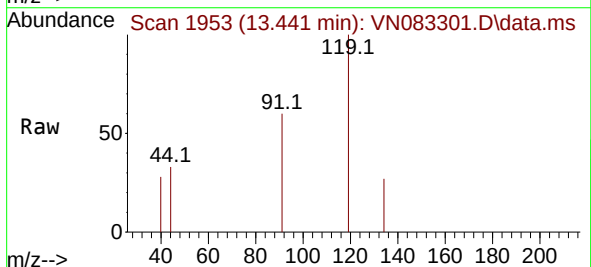
Manual Integrations
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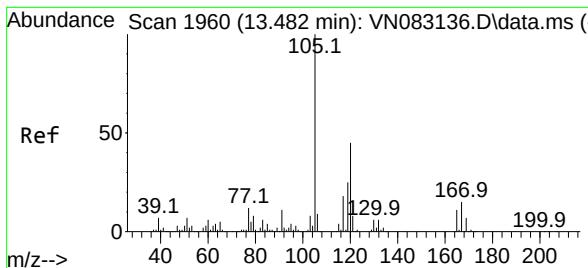
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#83
tert-Butylbenzene
Concen: 0.209 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

Tgt Ion:119 Resp: 1317
Ion Ratio Lower Upper
119 100
91 67.3 35.0 105.1
134 20.2 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 0.223 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083301.D

Acq: 14 Aug 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

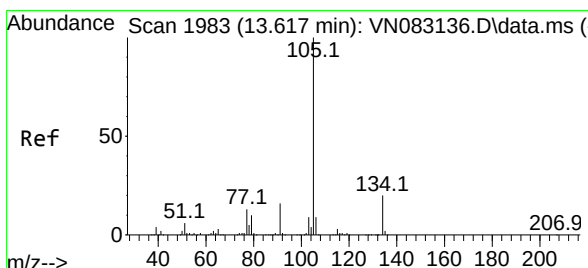
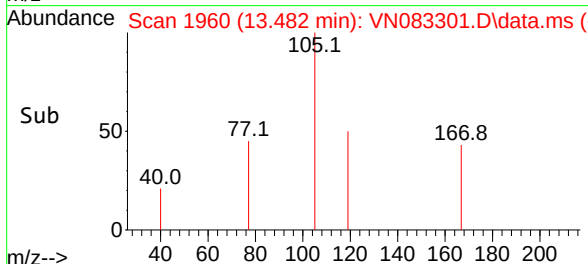
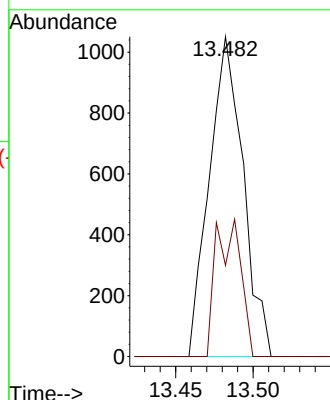
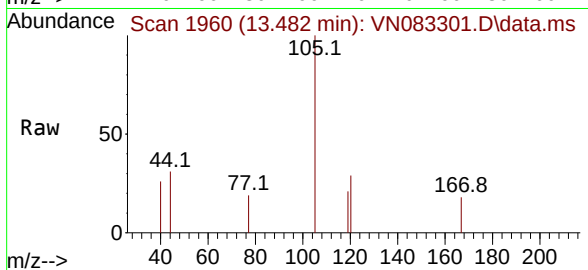
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 1598
 Ion Ratio Lower Upper
 105 100
 120 31.4 21.9 65.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#85

sec-Butylbenzene

Concen: 0.231 ug/l

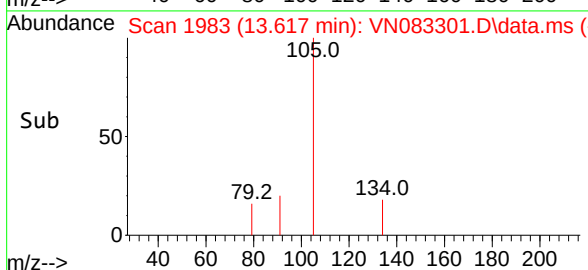
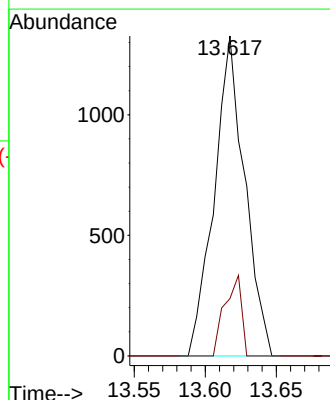
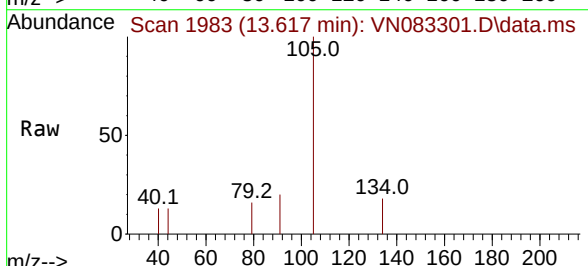
RT: 13.617 min Scan# 1983

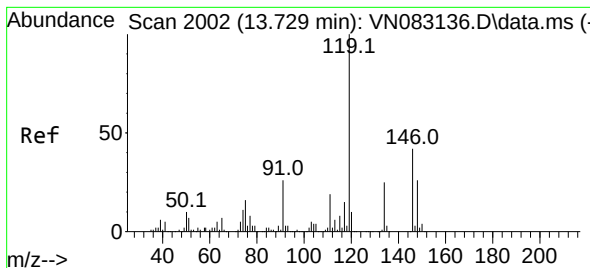
Delta R.T. -0.000 min

Lab File: VN083301.D

Acq: 14 Aug 2024 15:15

Tgt Ion:105 Resp: 1980
 Ion Ratio Lower Upper
 105 100
 134 13.7 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.259 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083301.D

Acq: 14 Aug 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

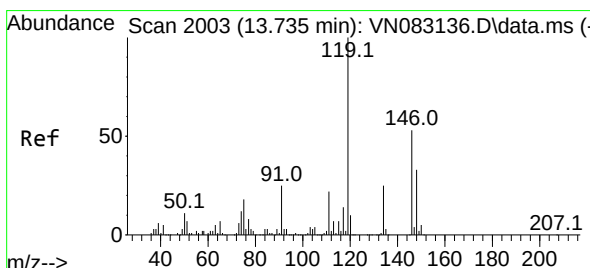
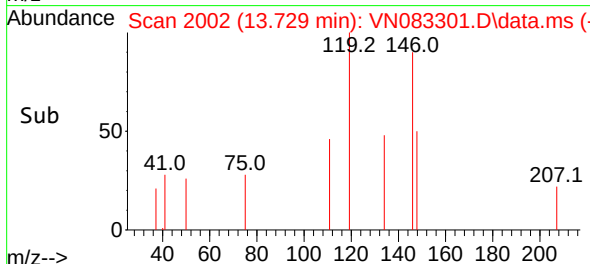
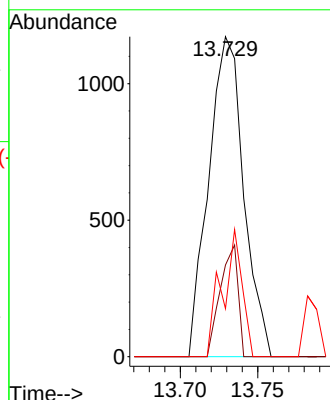
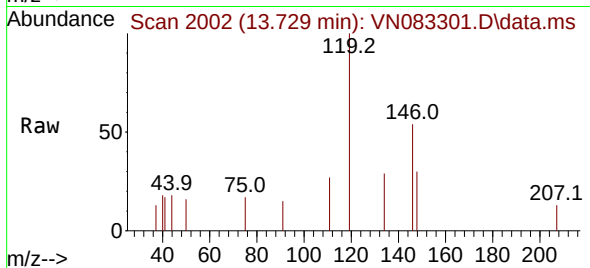
MDL-WATER-03-QT3-2024

Tgt Ion:	119	Resp:	1839
Ion	Ratio	Lower	Upper
119	100		
134	17.7	13.0	39.0
91	22.6	12.3	36.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#87

1,3-Dichlorobenzene

Concen: 0.317 ug/l

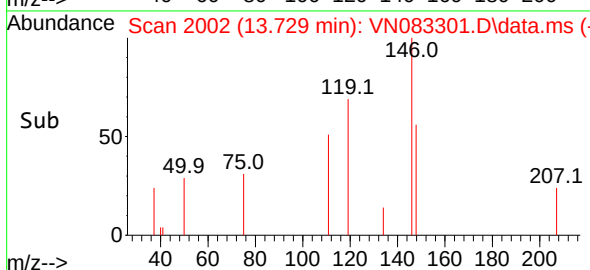
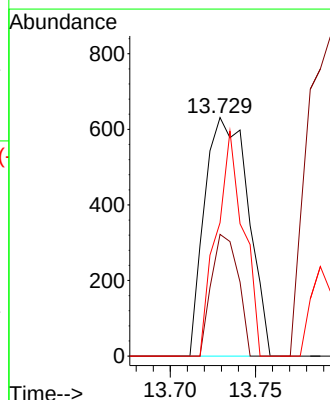
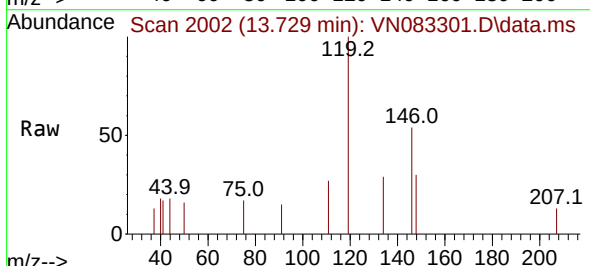
RT: 13.729 min Scan# 2002

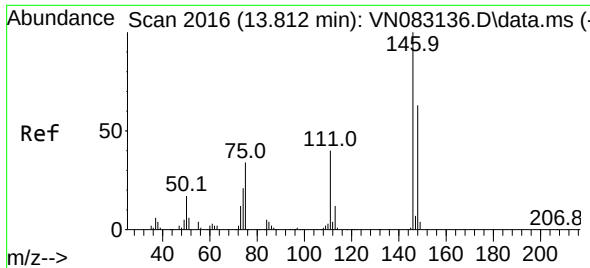
Delta R.T. -0.006 min

Lab File: VN083301.D

Acq: 14 Aug 2024 15:15

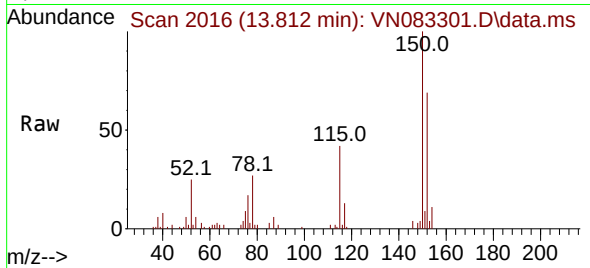
Tgt Ion:	146	Resp:	1124
Ion	Ratio	Lower	Upper
146	100		
111	31.5	20.6	61.9
148	58.4	31.8	95.3





#88
1,4-Dichlorobenzene
Concen: 0.362 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

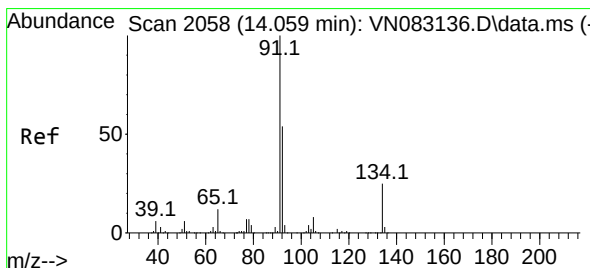
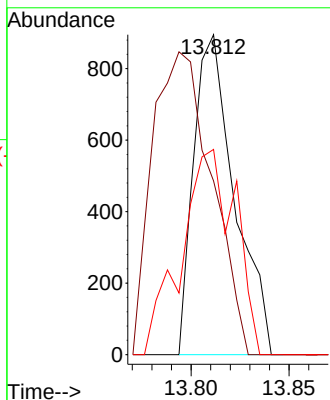
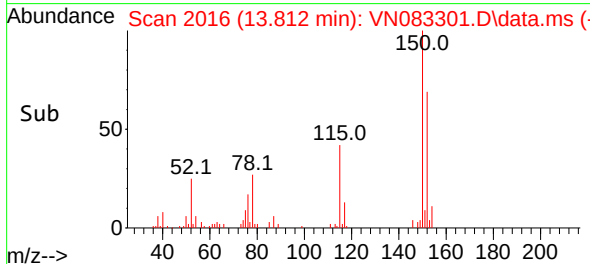
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



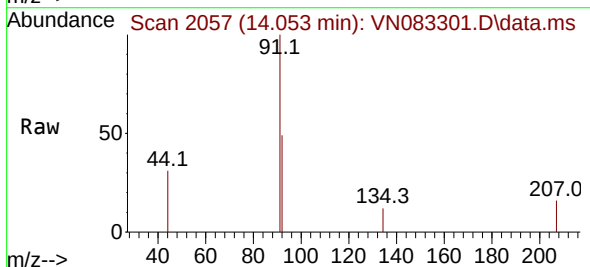
Tgt Ion:146 Resp: 1290
Ion Ratio Lower Upper
146 100
111 27.3 20.1 60.3
148 50.6 32.2 96.6

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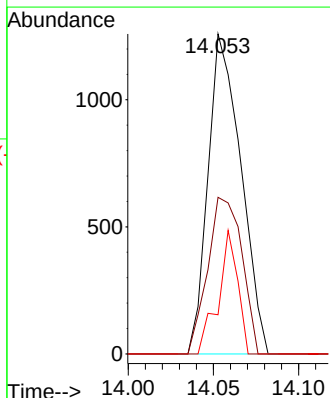
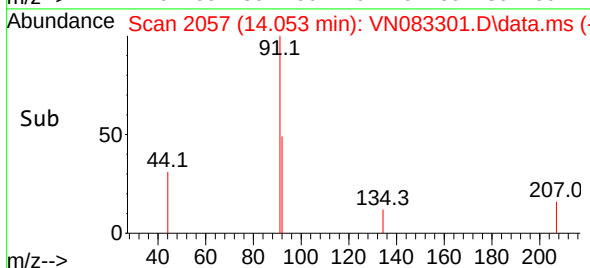
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

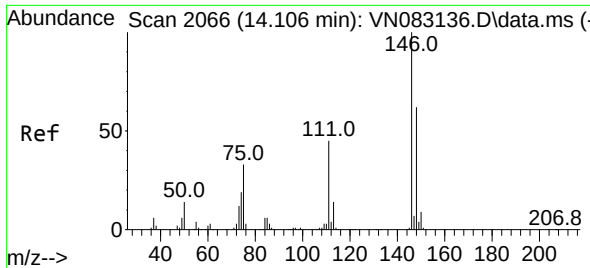


#89
n-Butylbenzene
Concen: 0.275 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



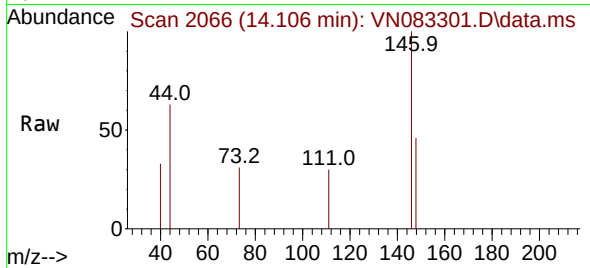
Tgt Ion: 91 Resp: 1688
Ion Ratio Lower Upper
91 100
92 50.9 26.1 78.3
134 22.7 12.1 36.3





#91
1,2-Dichlorobenzene
Concen: 0.271 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

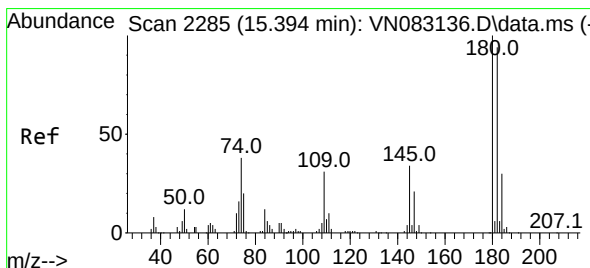
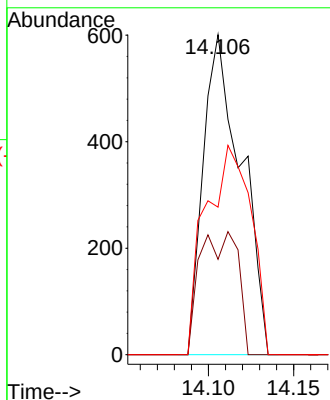
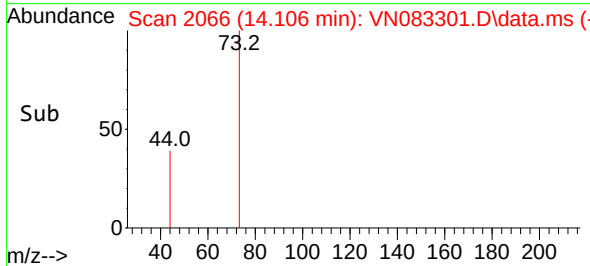
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



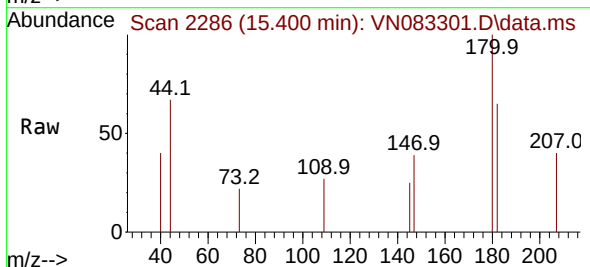
Tgt Ion:146 Resp: 932
Ion Ratio Lower Upper
146 100
111 38.2 21.4 64.2
148 78.2 32.1 96.5

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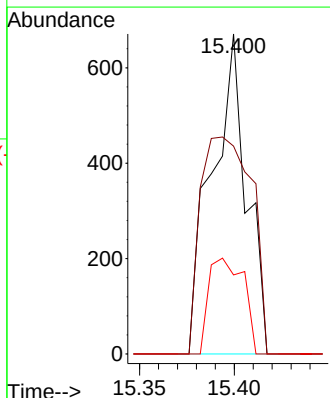
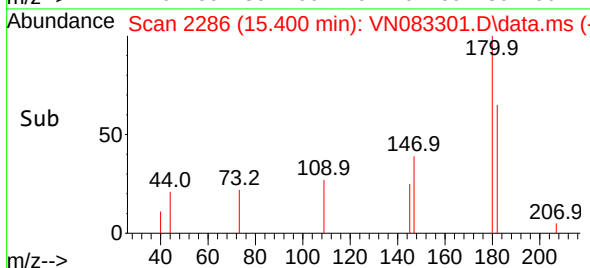
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

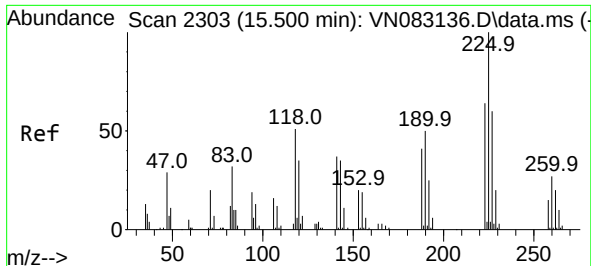


#93
1,2,4-Trichlorobenzene
Concen: 0.445 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



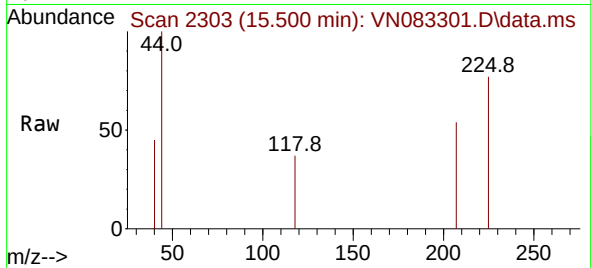
Tgt Ion:180 Resp: 855
Ion Ratio Lower Upper
180 100
182 100.4 47.3 141.8
145 30.1 15.7 47.1





#94
Hexachlorobutadiene
Concen: 0.394 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15

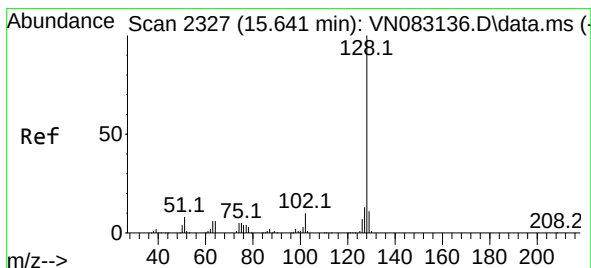
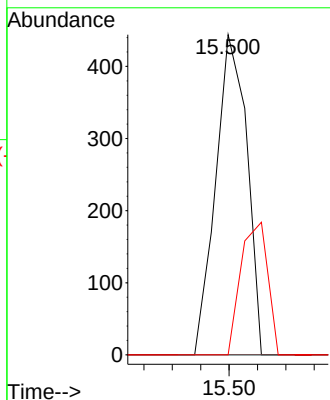
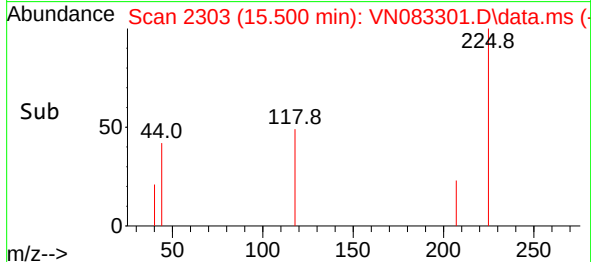
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



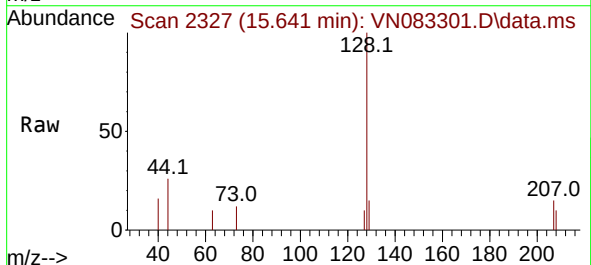
Tgt Ion:225 Resp: 337
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.7#
227 35.9 32.5 97.5#

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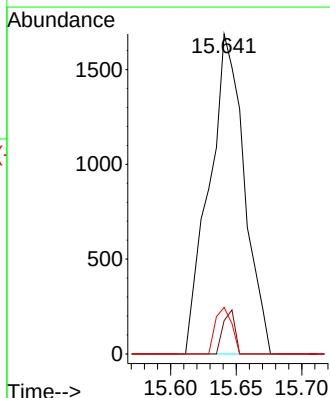
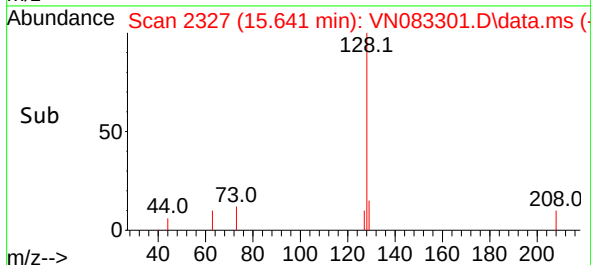
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

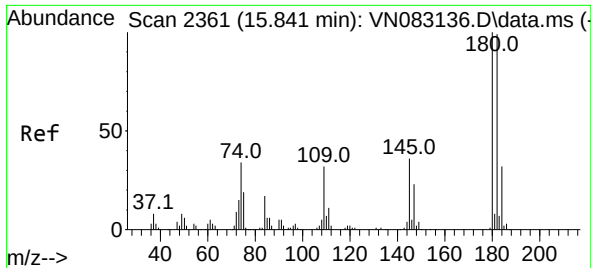


#95
Naphthalene
Concen: 0.460 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083301.D
Acq: 14 Aug 2024 15:15



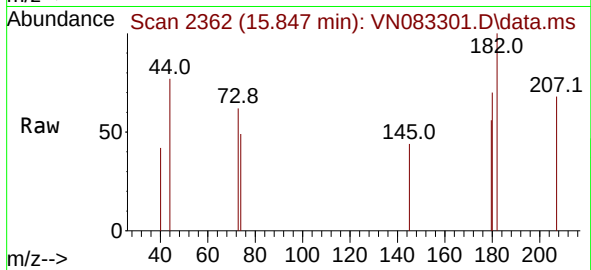
Tgt Ion:128 Resp: 3133
Ion Ratio Lower Upper
128 100
127 4.6 10.6 16.0#
129 6.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.531 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083301.D
 Acq: 14 Aug 2024 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion:180	Resp:	1010
Ion Ratio	Lower	Upper
180	100	
182	81.5	48.9 146.8
145	15.5	16.8 50.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

