

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051324\
 Data File : VV035591.D
 Acq On : 13 May 2024 10:47
 Operator : SY/MD
 Sample : P2409-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2024-04

Quant Time: May 14 01:45:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	465219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	460689	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	204116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143585	40.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.060%		
7) Chloroethane-d5	1.523	69	131186	49.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.260%		
11) 1,1-Dichloroethene-d2	2.056	65	65913	42.806	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.620%		
21) 2-Butanone-d5	3.783	46	210628	87.003	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.000%		
24) Chloroform-d	4.243	84	313039	47.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.160%		
26) 1,2-Dichloroethane-d4	4.937	65	189847	48.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.000%		
32) Benzene-d6	4.957	84	608545	46.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
36) 1,2-Dichloropropane-d6	5.986	67	197271	48.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.580%		
41) Toluene-d8	7.239	98	513336	43.491	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.980%		
43) trans-1,3-Dichloroprop...	7.551	79	83211	42.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.460%		
47) 2-Hexanone-d5	8.021	63	148634	79.998	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.000%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	262839	42.663	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	203894	50.278	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7884	2.530	ug/L	97
3) Chloromethane	1.214	50	9542	2.826	ug/L	98
5) Vinyl chloride	1.282	62	9652	2.715	ug/L #	81
6) Bromomethane	1.478	94	5271m	2.332	ug/L	
8) Chloroethane	1.542	64	6323	3.093	ug/L	98
9) Trichlorofluoromethane	1.709	101	13294	2.779	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	10038	3.311	ug/L	88
12) 1,1-Dichloroethene	2.066	96	8807	3.252	ug/L #	1
13) Acetone	2.114	43	13163	5.873	ug/L	100
14) Carbon disulfide	2.236	76	17892	2.515	ug/L	99
15) Methyl Acetate	2.381	43	8893	2.446	ug/L #	77
16) Methylene chloride	2.445	84	9719	2.832	ug/L	90
17) trans-1,2-Dichloroethene	2.696	96	7507	2.622	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	22713	2.256	ug/L	98
19) 1,1-Dichloroethane	3.114	63	15917	2.648	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	9106	2.674	ug/L	91
22) 2-Butanone	3.912	43	12570m	4.738	ug/L	
23) Bromochloromethane	4.162	128	4658	2.501	ug/L	96
27) 1,2-Dichloroethane	5.056	62	11813m	2.660	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	8916m	2.168	ug/L	
30) 1,1,1-Trichloroethane	4.510	97	13557	2.571	ug/L	99
31) Carbon tetrachloride	4.735	117	11927	2.616	ug/L	98
33) Benzene	5.015	78	32540m	2.616	ug/L	
34) Trichloroethene	5.841	95	9691	2.927	ug/L	93
35) Methylcyclohexane	6.047	83	11721m	2.510	ug/L	
37) 1,2-Dichloropropane	6.104	63	8843m	2.587	ug/L	
38) Bromodichloromethane	6.439	83	12718	2.705	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	13424m	2.502	ug/L	
40) 4-Methyl-2-pentanone	7.166	43	19485m	4.271	ug/L	
42) Toluene	7.323	91	32281	2.473	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	12808m	2.513	ug/L	
45) 1,1,2-Trichloroethane	7.773	97	9332	2.553	ug/L	95
46) Tetrachloroethene	7.908	164	6764	2.530	ug/L	96
48) 2-Hexanone	8.088	43	20723m	5.582	ug/L	
49) Dibromochloromethane	8.178	129	10206	2.667	ug/L	92
50) 1,2-Dibromoethane	8.291	107	9725	2.546	ug/L	94
51) Chlorobenzene	8.815	112	22586	2.493	ug/L	96
52) Ethylbenzene	8.950	91	31798	2.255	ug/L	98
53) m,p-Xylene	9.079	106	11534m	2.205	ug/L	
54) o-Xylene	9.481	106	10410	1.975	ug/L	94
55) Styrene	9.503	104	16580m	1.820	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	15477	2.474	ug/L #	92
59) Bromoform	9.667	173	7133	2.702	ug/L #	94
60) Isopropylbenzene	9.866	105	26759	2.270	ug/L	96
61) 1,2,3-Trichloropropane	10.210	75	12193	2.978	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	20420	2.165	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	19223	2.032	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	15346	2.514	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	16857	2.617	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	18601	2.913	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	3310	2.745	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.583	180	11555	2.494	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	9178	2.249	ug/L	98
71) Naphthalene	13.442	128	22354m	1.954	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	10068	2.377	ug/L	97

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

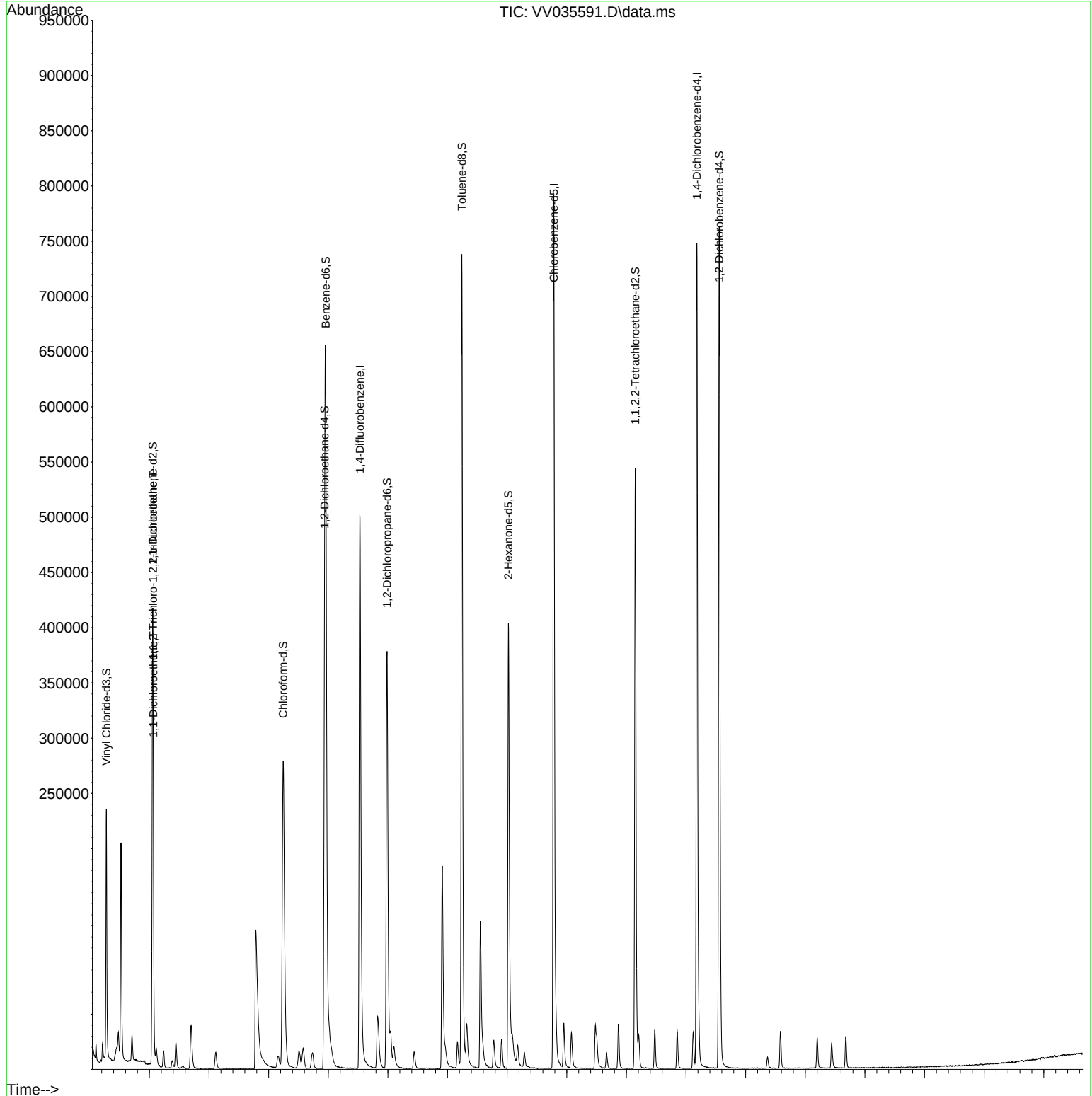
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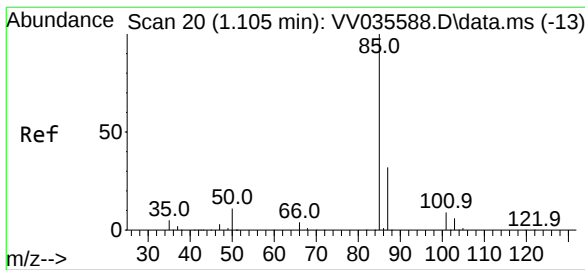
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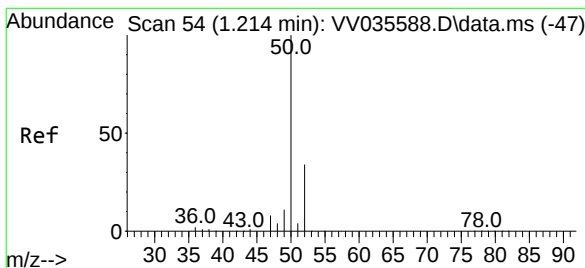
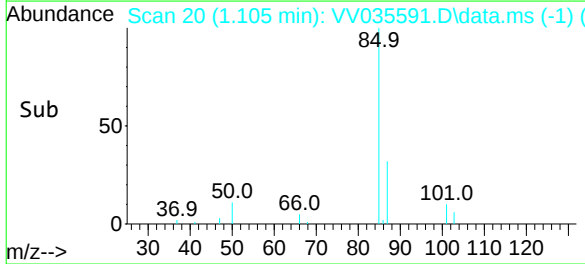
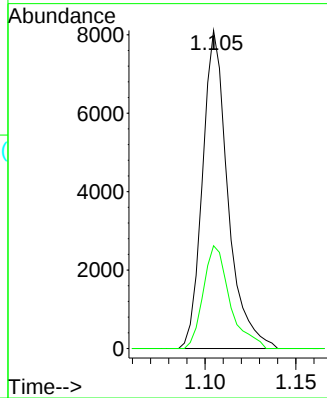
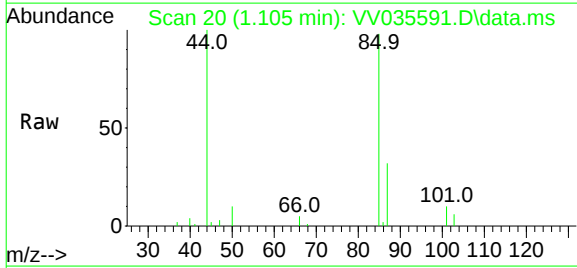
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Dichlorodifluoromethane
Concen: 2.530 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

Tgt Ion: 85 Resp: 7884
Ion Ratio Lower Upper
85 100
87 33.8 25.8 38.8

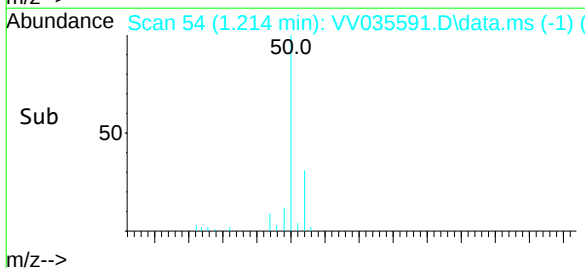
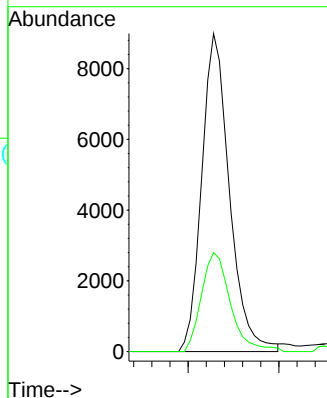
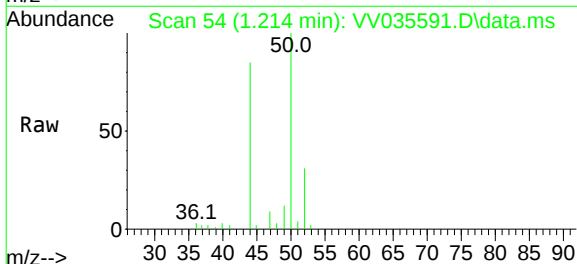
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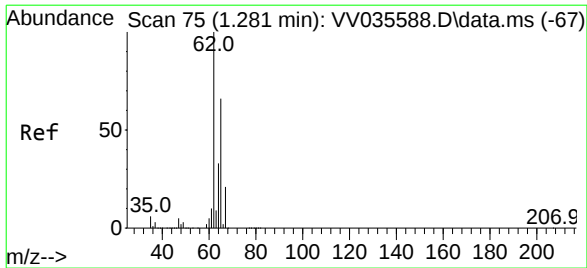
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#3
Chloromethane
Concen: 2.826 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 50 Resp: 9542
Ion Ratio Lower Upper
50 100
52 31.1 22.6 42.0





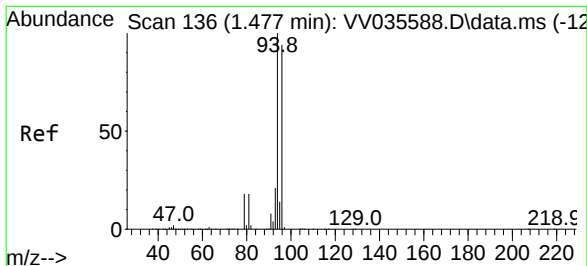
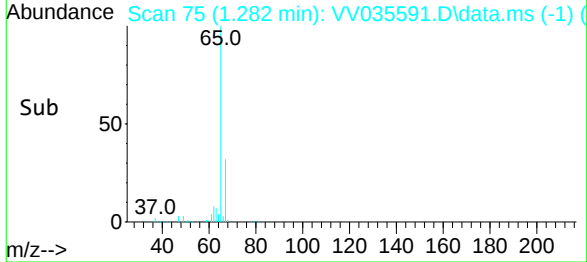
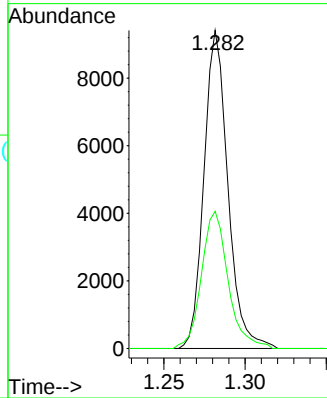
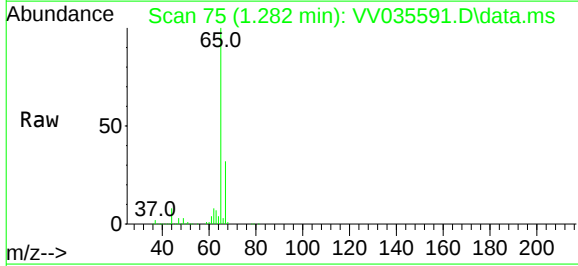
#5
 Vinyl chloride
 Concen: 2.715 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2024-04

Tgt Ion: 62 Resp: 9652
 Ion Ratio Lower Upper
 62 100
 64 43.1 22.9 42.5#

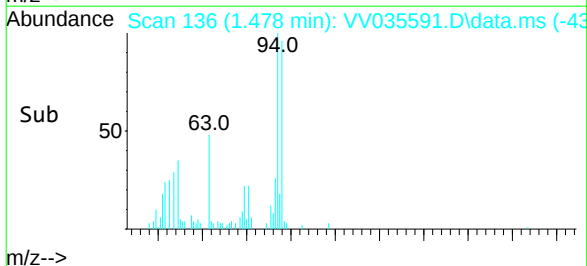
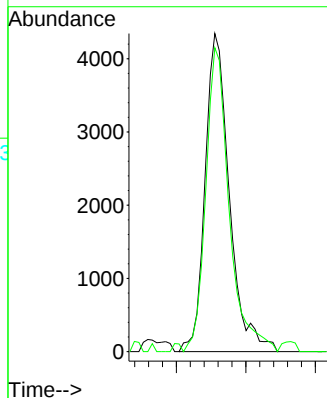
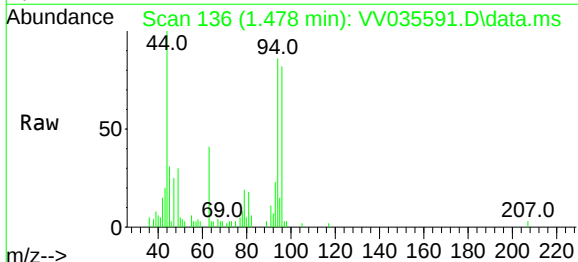
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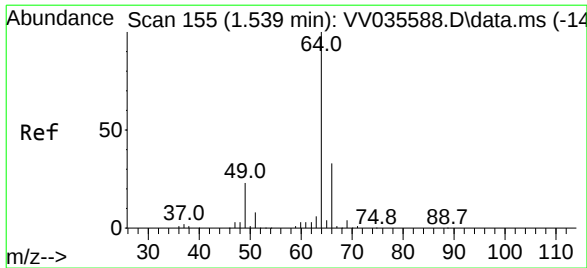
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#6
 Bromomethane
 Concen: 2.332 ug/L m
 RT: 1.478 min Scan# 136
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

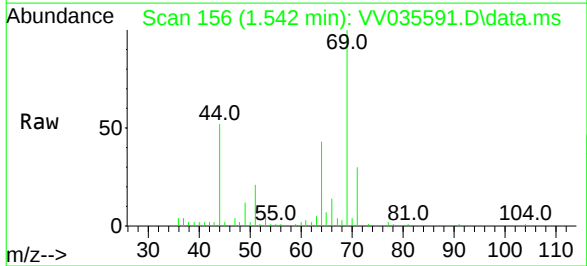
Tgt Ion: 94 Resp: 5271
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.2 123.0





#8
Chloroethane
Concen: 3.093 ug/L
RT: 1.542 min Scan# 15
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

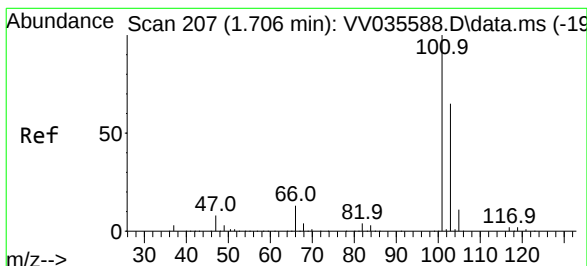
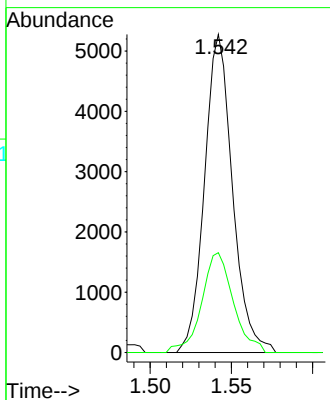
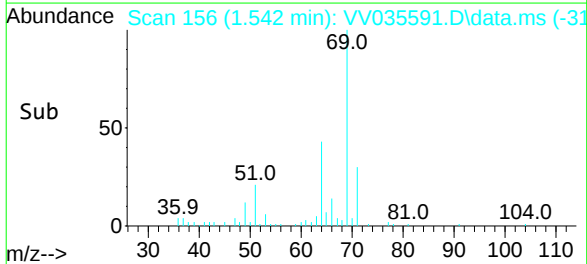
Instrument :
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MDL-WATER-QT2-2024-04



Tgt Ion: 64 Resp: 6323
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.1

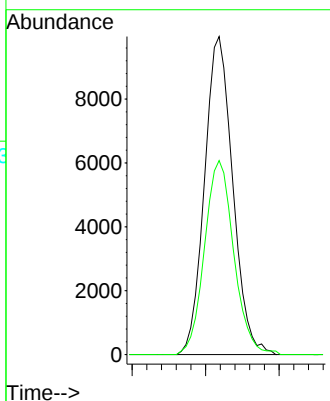
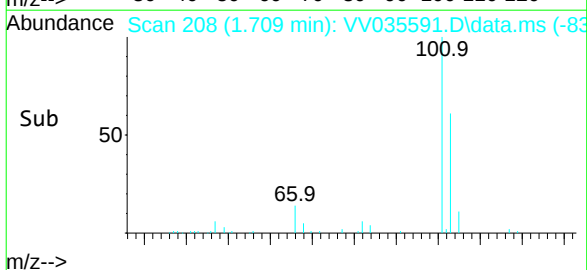
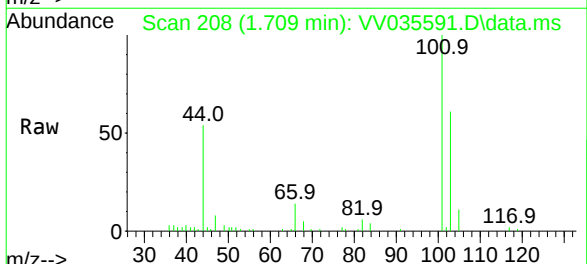
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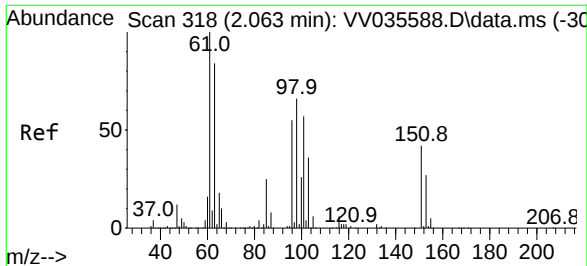
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#9
Trichlorofluoromethane
Concen: 2.779 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:101 Resp: 13294
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0





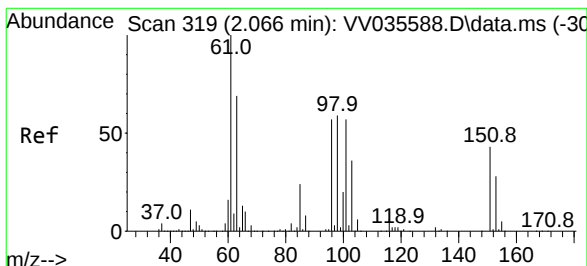
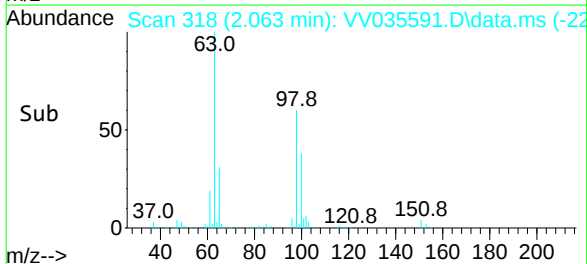
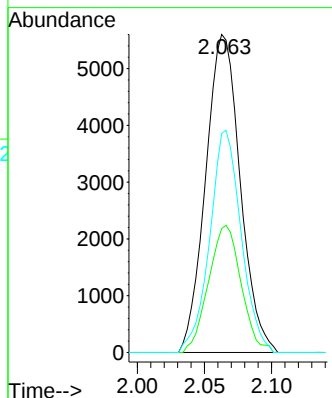
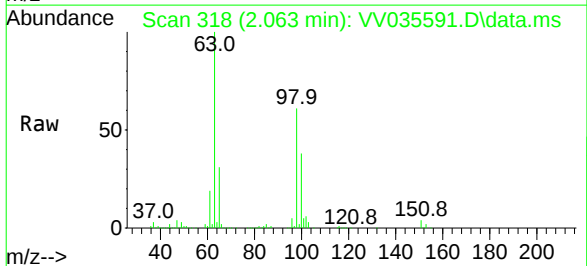
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.311 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035591.D
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Tgt Ion: 101 Resp: 10038
Ion Ratio Lower Upper
101 100
85 37.4 34.4 51.6
151 63.5 60.1 90.1

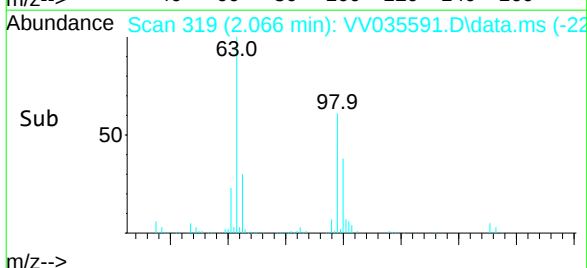
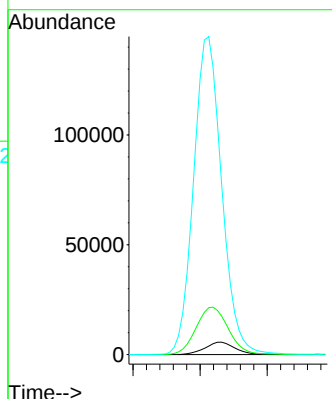
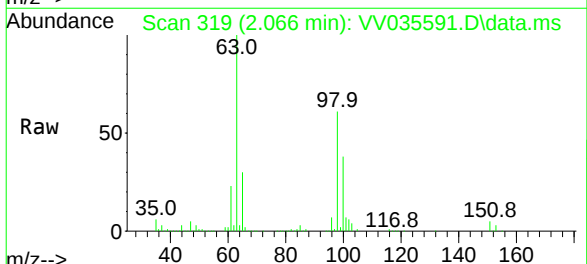
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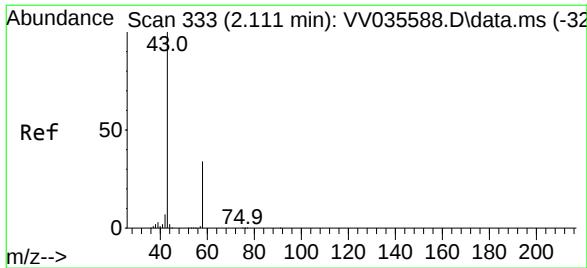
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#12
1,1-Dichloroethene
Concen: 3.252 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 96 Resp: 8807
Ion Ratio Lower Upper
96 100
61 309.2 126.5 234.9#
63 1366.0 118.1 219.3#





#13

Acetone

Concen: 5.873 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

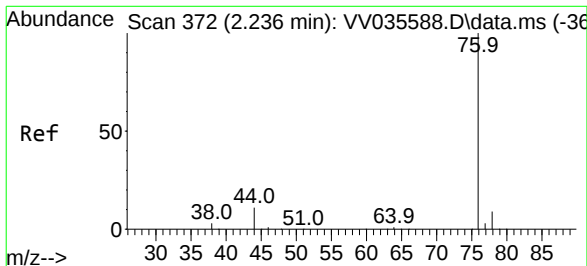
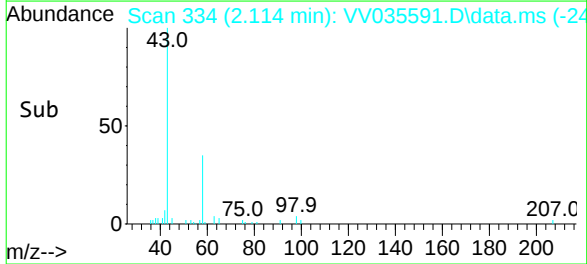
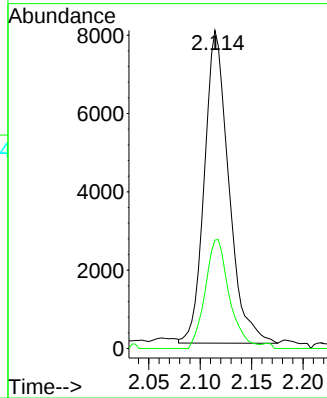
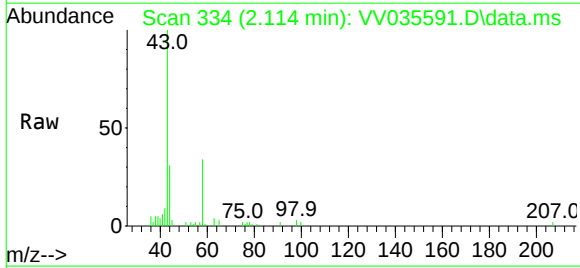
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Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	68.8

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#14

Carbon disulfide

Concen: 2.515 ug/L

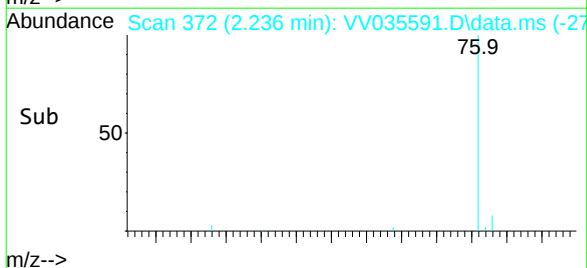
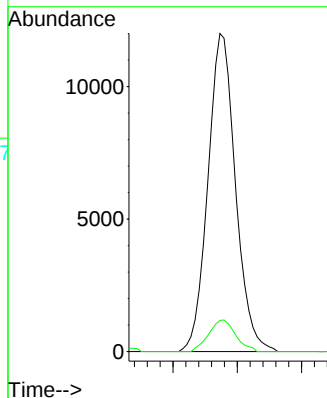
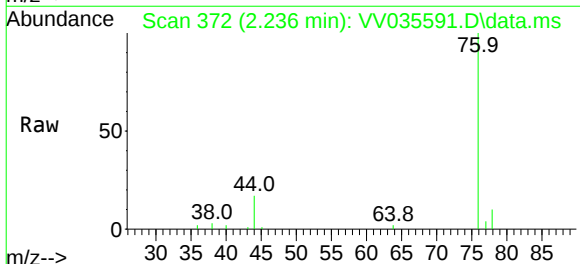
RT: 2.236 min Scan# 372

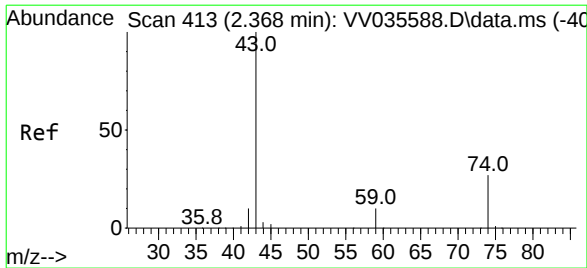
Delta R.T. 0.000 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.6	11.4





#15

Methyl Acetate

Concen: 2.446 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.013 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

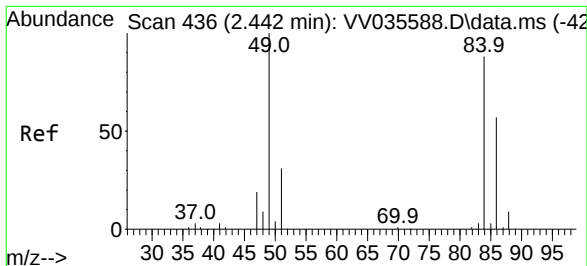
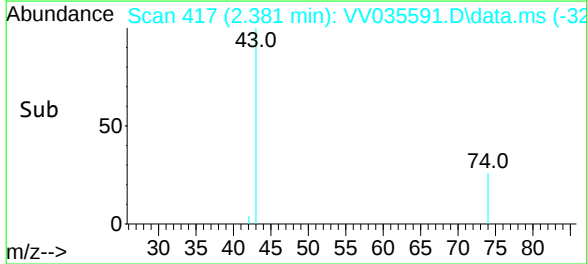
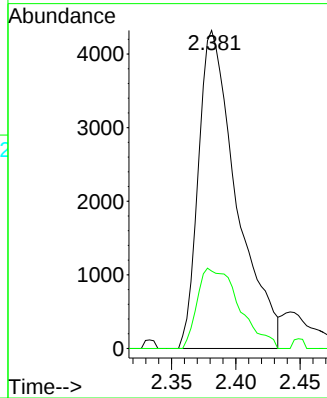
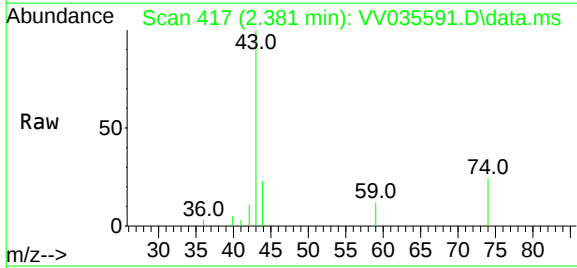
ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 43 Resp: 8893
 Ion Ratio Lower Upper
 43 100
 74 14.9 21.6 32.4#

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#16

Methylene chloride

Concen: 2.832 ug/L

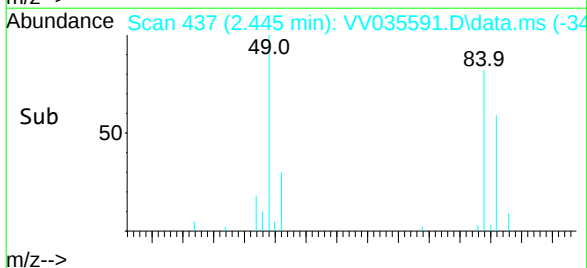
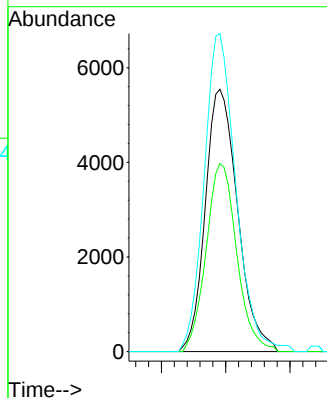
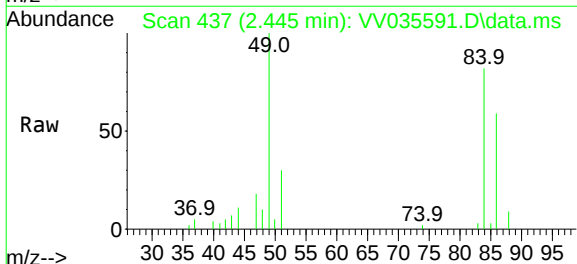
RT: 2.445 min Scan# 437

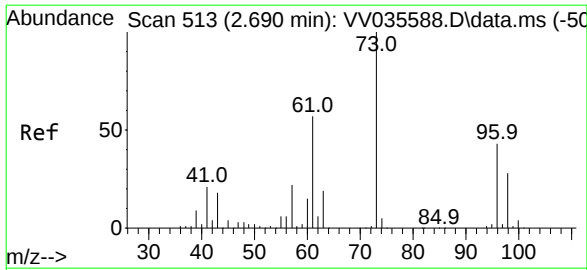
Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Tgt Ion: 84 Resp: 9719
 Ion Ratio Lower Upper
 84 100
 86 71.7 45.3 84.1
 49 121.3 76.9 142.7





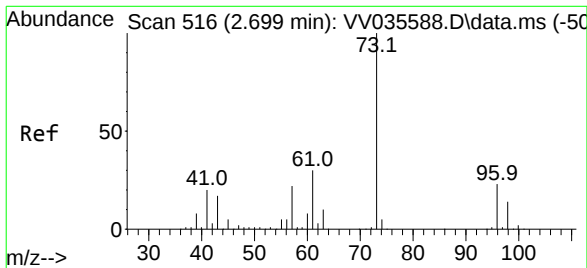
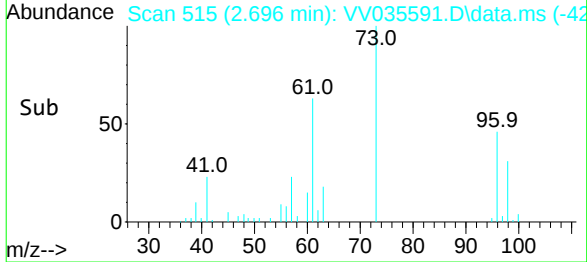
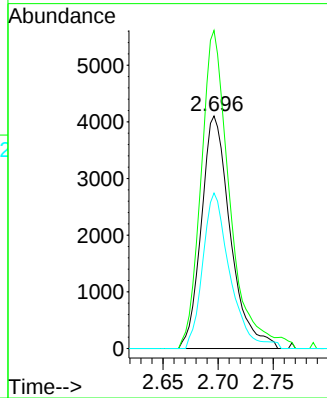
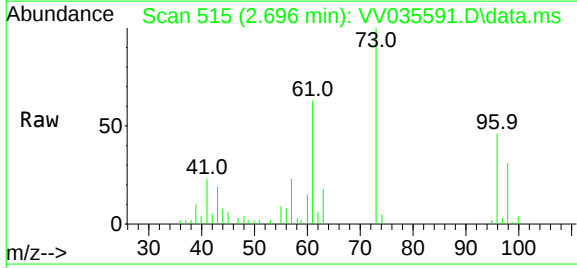
#17
trans-1,2-Dichloroethene
Concen: 2.622 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.8	95.5	177.3
98	66.9	44.9	83.5

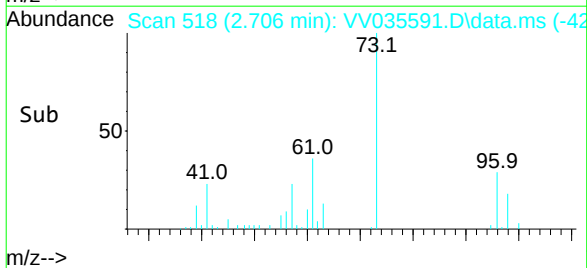
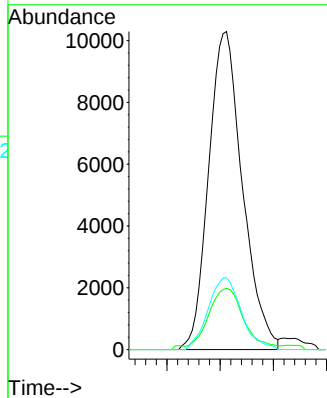
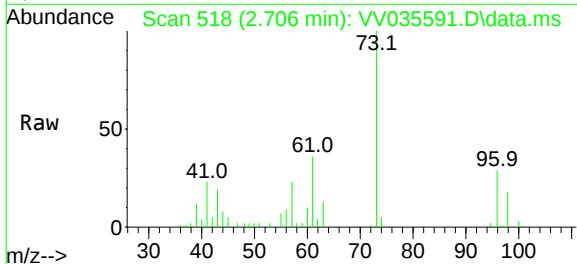
Manual Integrations
APPROVED

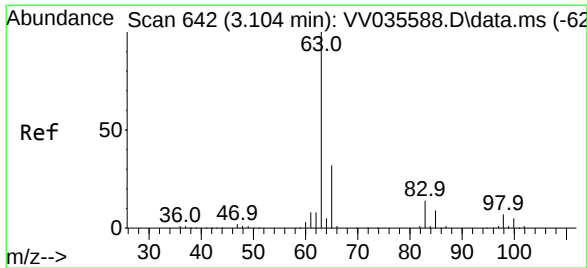
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methyl tert-butyl Ether
Concen: 2.256 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.7	13.6	20.4
57	22.2	17.4	26.0





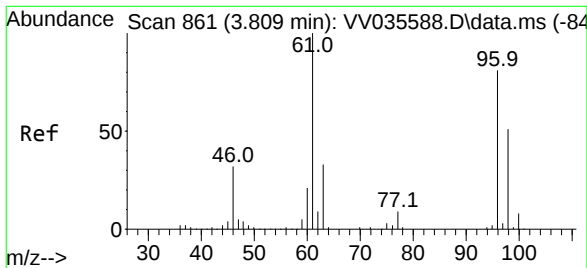
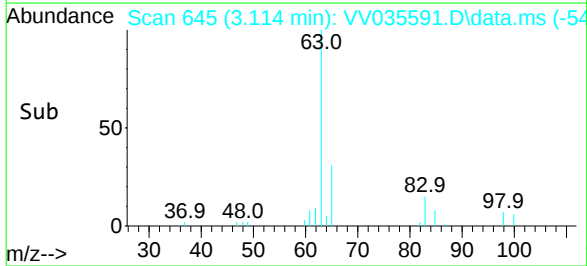
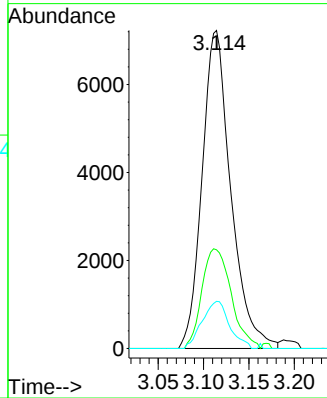
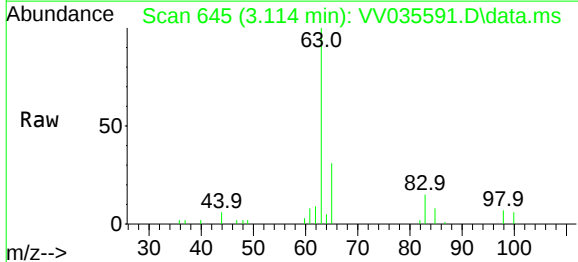
#19
1,1-Dichloroethane
Concen: 2.648 ug/L
RT: 3.114 min Scan# 642
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 63	Resp: 15917
Ion Ratio	Lower Upper
63 100	
65 31.0	21.8 40.4
83 14.8	9.2 17.2

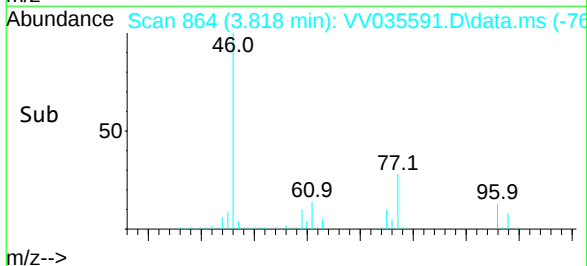
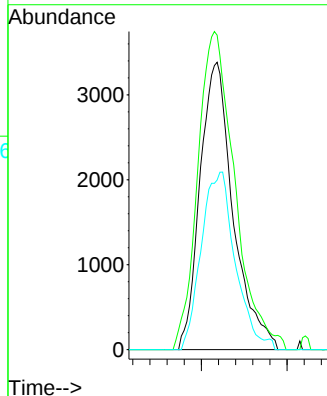
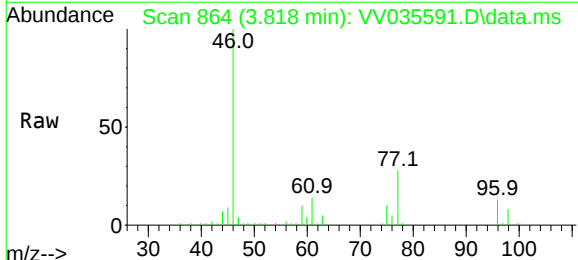
Manual Integrations
APPROVED

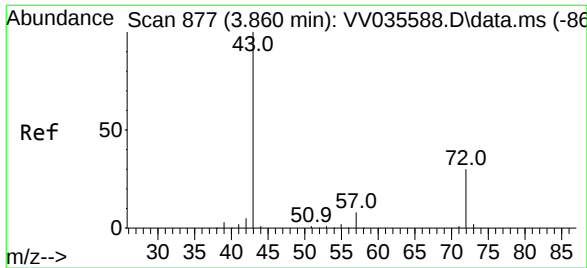
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
cis-1,2-Dichloroethene
Concen: 2.674 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

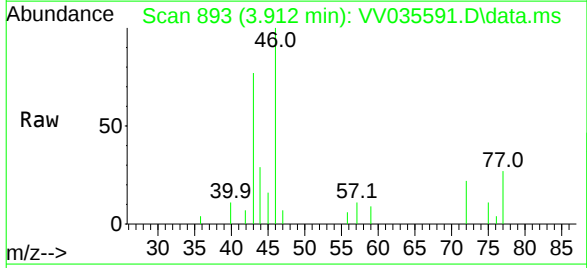
Tgt Ion: 96	Resp: 9106
Ion Ratio	Lower Upper
96 100	
61 109.4	84.0 156.0
98 59.0	44.9 83.5





#22
2-Butanone
Concen: 4.738 ug/L m
RT: 3.912 min Scan# 89
Delta R.T. 0.052 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

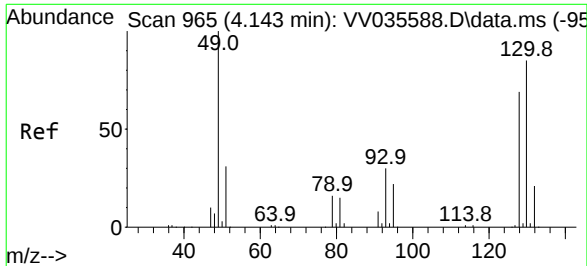
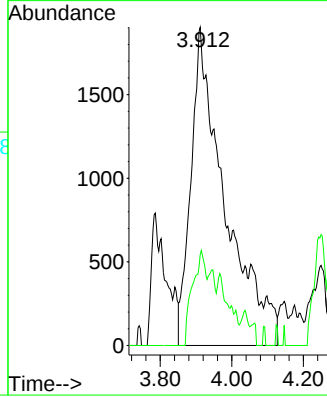
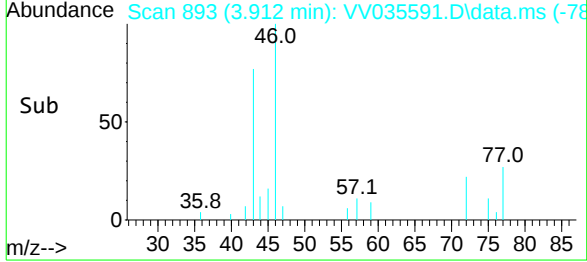
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04



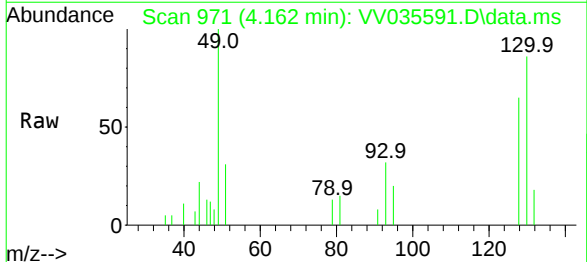
Tgt Ion: 43 Resp: 12570
Ion Ratio Lower Upper
43 100
72 11.6 14.4 43.0#

Manual Integrations
APPROVED

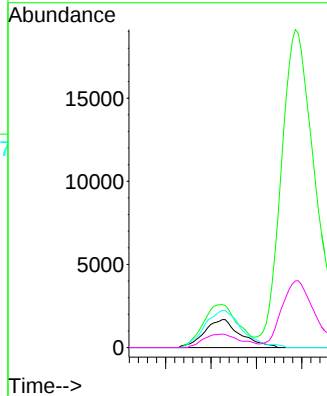
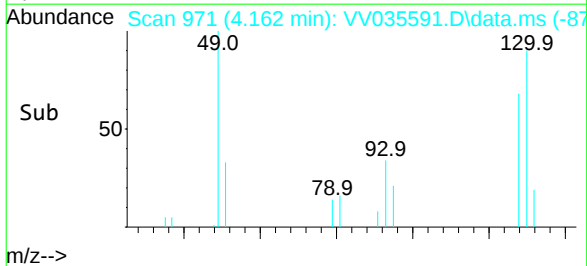
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

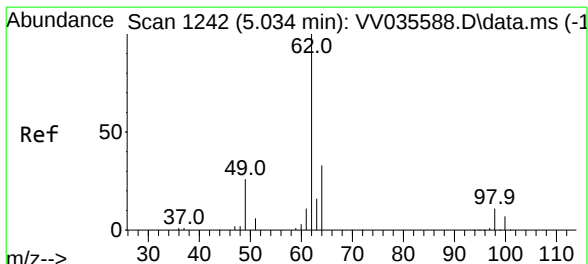


#23
Bromochloromethane
Concen: 2.501 ug/L
RT: 4.162 min Scan# 971
Delta R.T. 0.019 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47



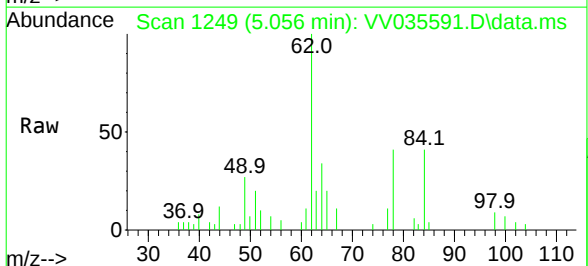
Tgt Ion:128 Resp: 4658
Ion Ratio Lower Upper
128 100
49 153.3 102.0 189.4
130 132.5 91.5 169.9
51 48.3 37.3 55.9





#27
1,2-Dichloroethane
Concen: 2.660 ug/L m
RT: 5.056 min Scan# 12
Delta R.T. 0.023 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

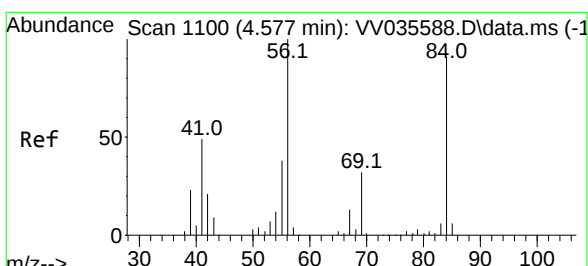
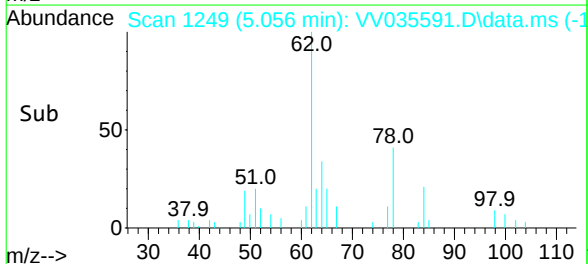
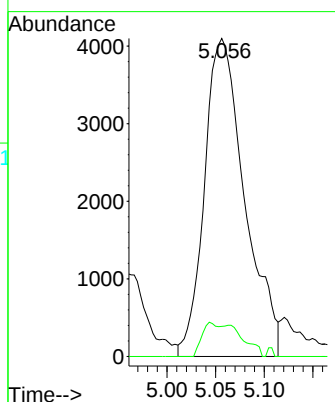


Tgt Ion: 62 Resp: 11813

Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.2	12.2

Manual Integrations
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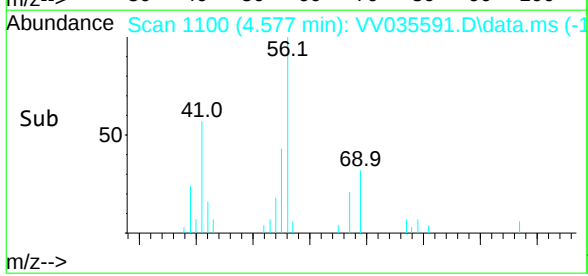
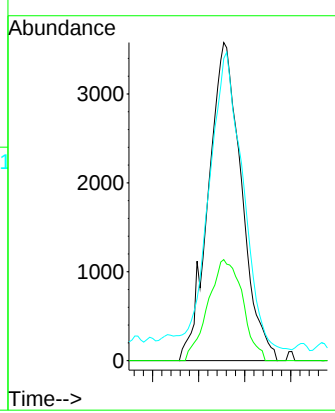
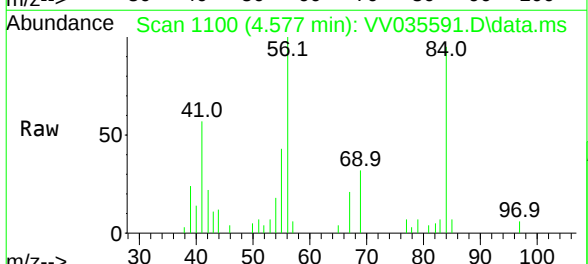
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

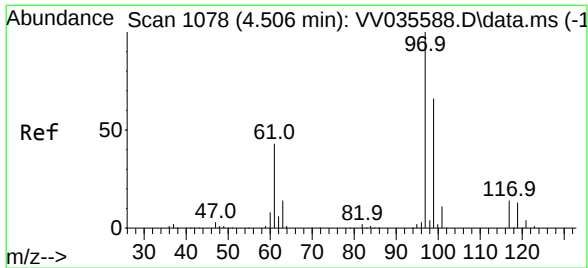


#29
Cyclohexane
Concen: 2.168 ug/L m
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 56 Resp: 8916

Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.5	38.3
84	95.2	73.6	110.4





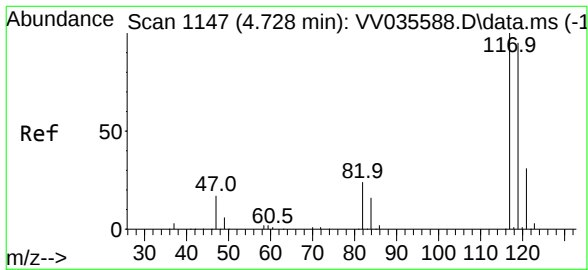
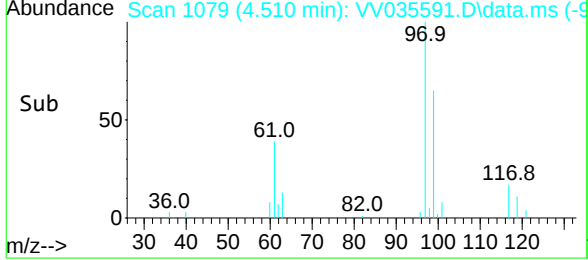
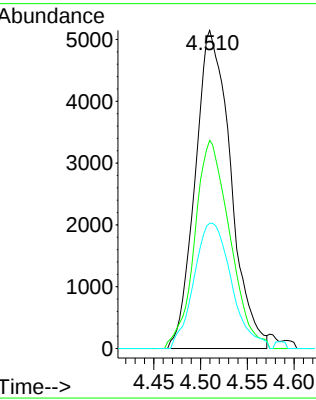
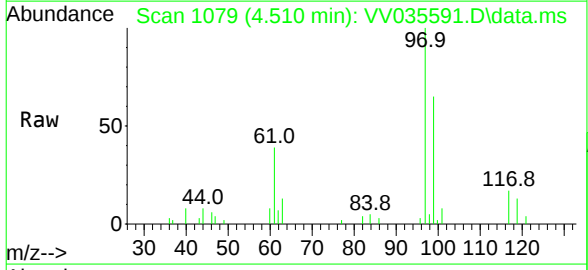
#30
1,1,1-Trichloroethane
Concen: 2.571 ug/L
RT: 4.510 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	41.7	34.1	51.1

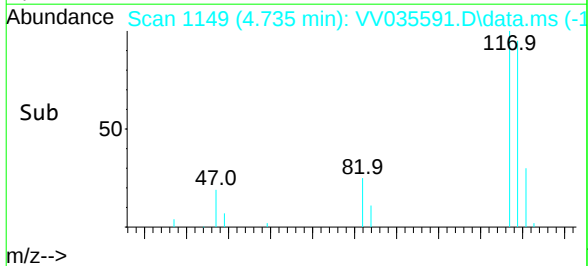
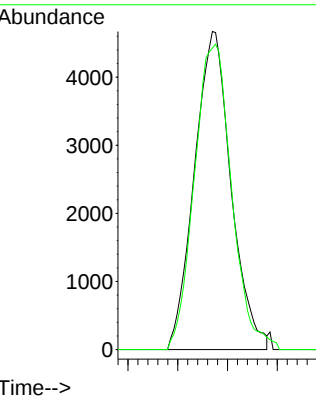
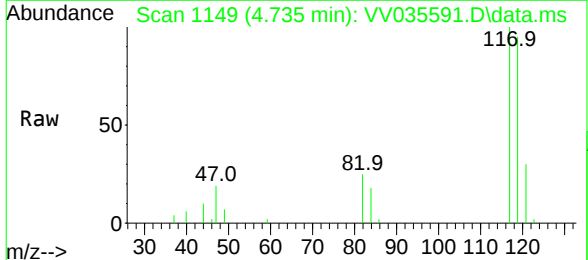
Manual Integrations
APPROVED

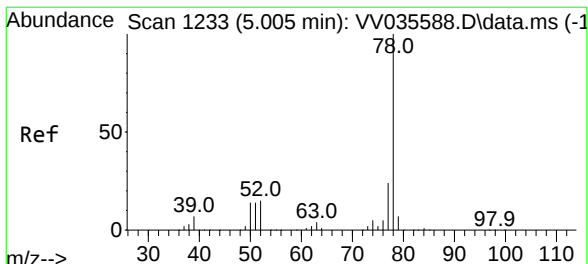
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#31
Carbon tetrachloride
Concen: 2.616 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

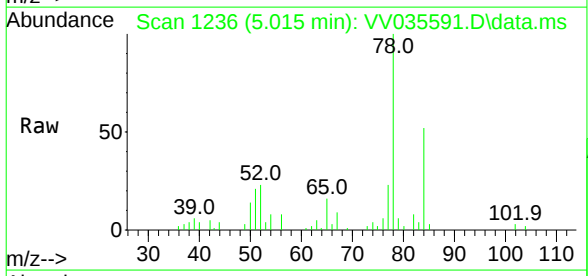
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.5	114.7





#33
Benzene
Concen: 2.616 ug/L m
RT: 5.015 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

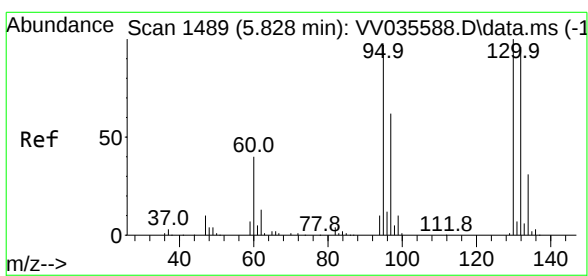
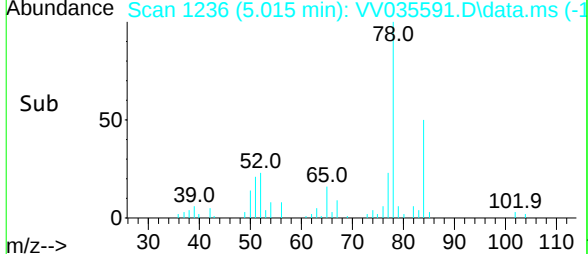
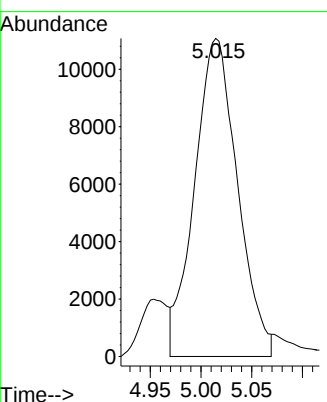
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04



Tgt Ion: 78 Resp: 32540

Manual Integrations
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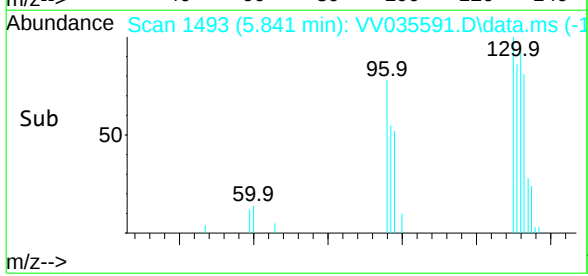
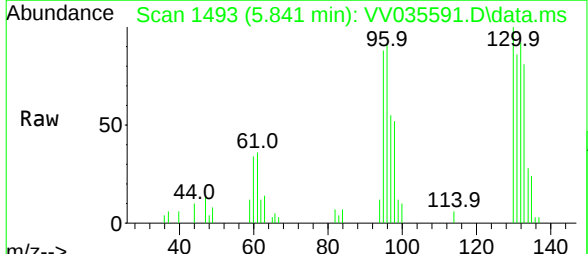
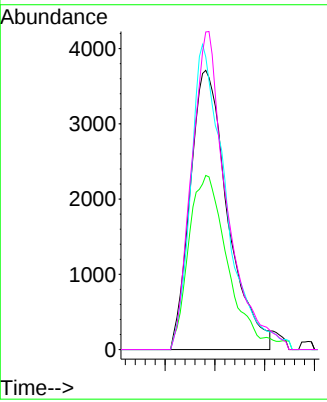
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

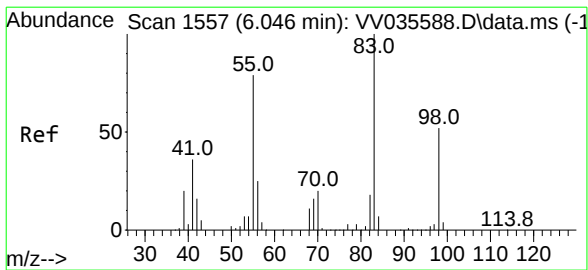


#34
Trichloroethene
Concen: 2.927 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 95 Resp: 9691

Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.1	83.9
132	104.8	69.4	128.8
130	113.7	71.3	132.3





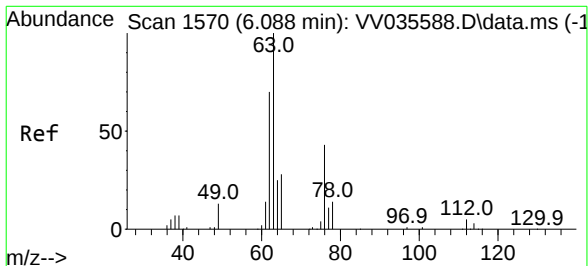
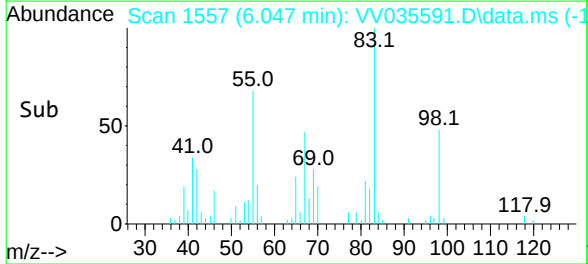
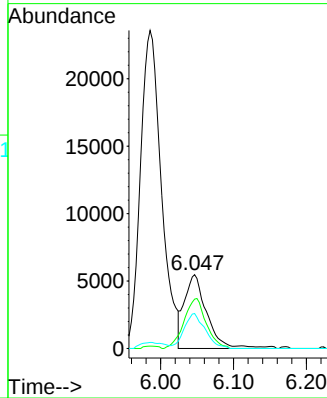
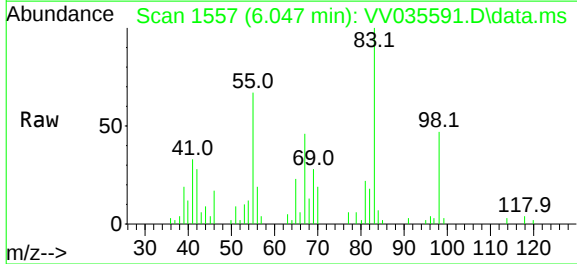
#35
Methylcyclohexane
Concen: 2.510 ug/L m
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:	83	Resp:	11721
Ion	Ratio	Lower	Upper
83	100		
55	66.8	57.5	86.3
98	44.2	38.9	58.3

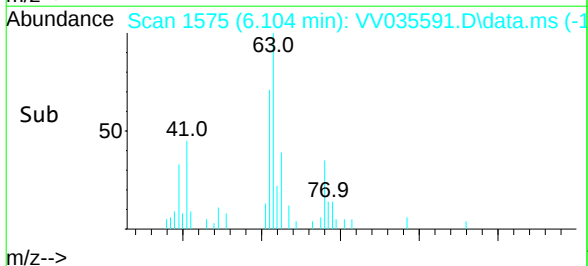
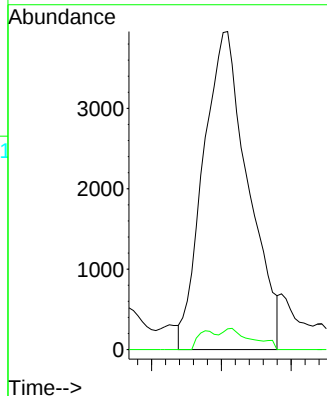
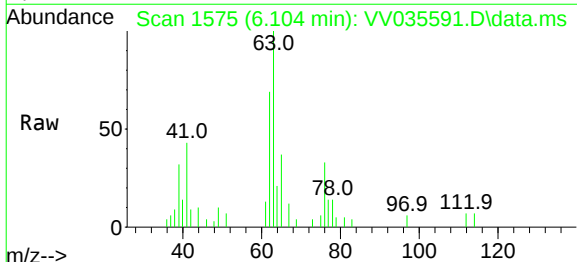
Manual Integrations
APPROVED

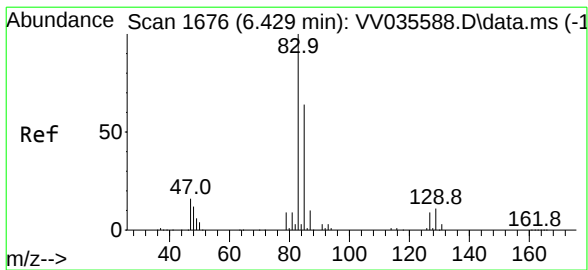
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#37
1,2-Dichloropropane
Concen: 2.587 ug/L m
RT: 6.104 min Scan# 1575
Delta R.T. 0.016 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

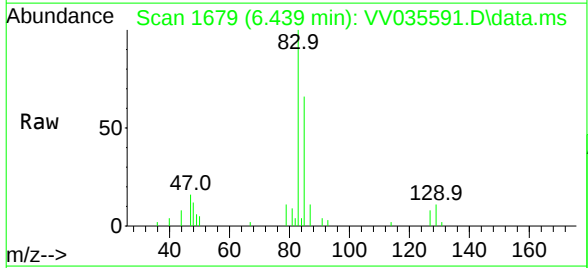
Tgt Ion:	63	Resp:	8843
Ion	Ratio	Lower	Upper
63	100		
112	3.8	3.4	5.2





#38
 Bromodichloromethane
 Concen: 2.705 ug/L
 RT: 6.439 min Scan# 1676
 Delta R.T. 0.010 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

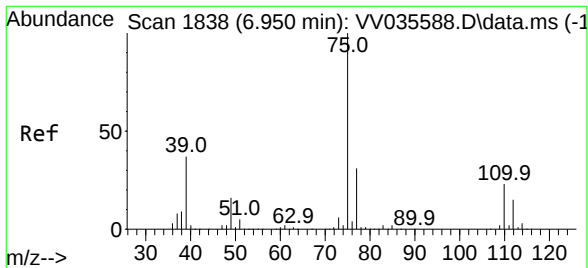
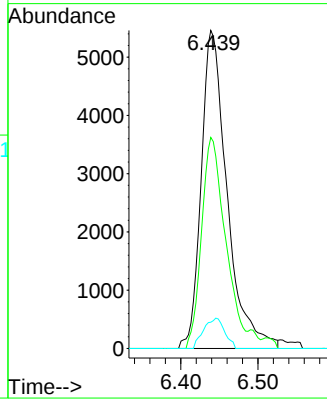
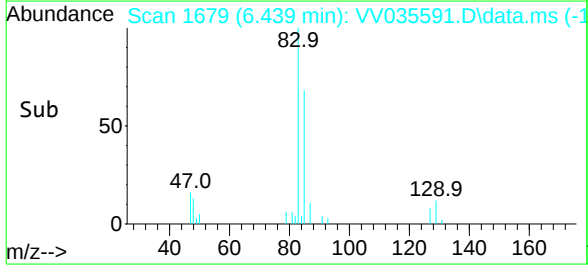
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2024-04



Tgt Ion:	83	Resp:	12718
Ion	Ratio	Lower	Upper
83	100		
85	66.4	45.1	83.9
127	8.3	6.9	10.3

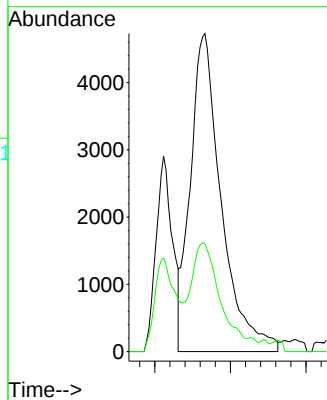
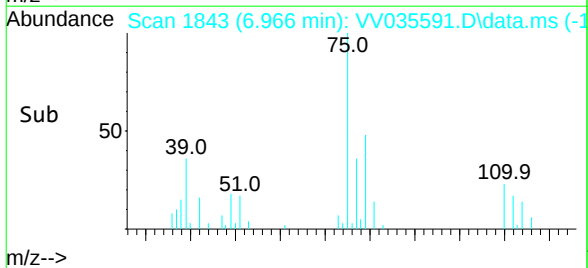
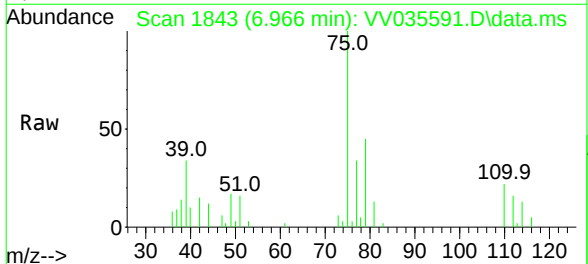
Manual Integrations
 APPROVED

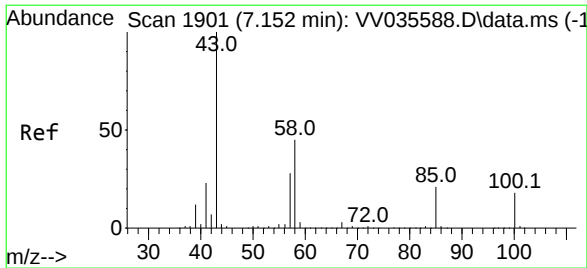
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#39
 cis-1,3-Dichloropropene
 Concen: 2.502 ug/L m
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.016 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

Tgt Ion:	75	Resp:	13424
Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.3	41.3





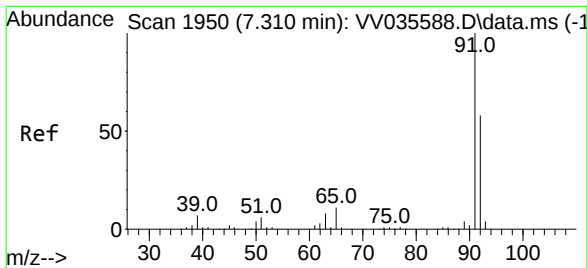
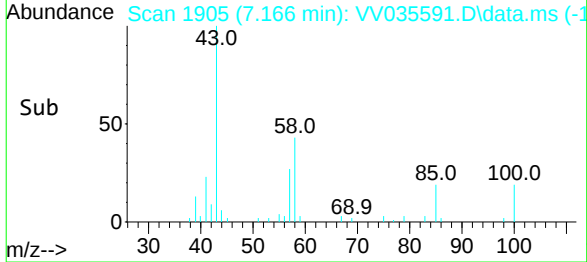
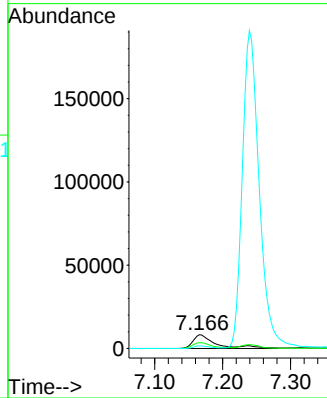
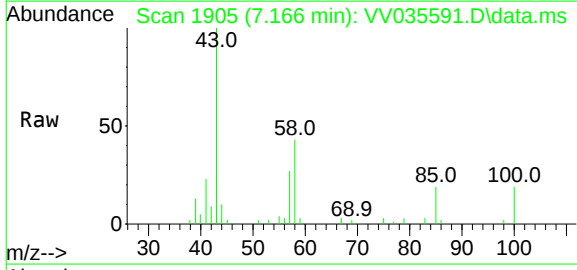
#40
4-Methyl-2-pentanone
Concen: 4.271 ug/L m
RT: 7.166 min Scan# 1901
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 43 Resp: 19485
Ion Ratio Lower Upper
43 100
58 35.8 36.1 54.1#
100 14.3 15.0 22.4#

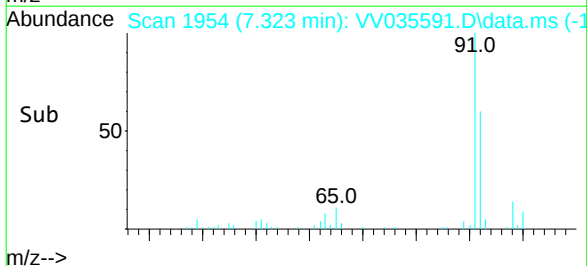
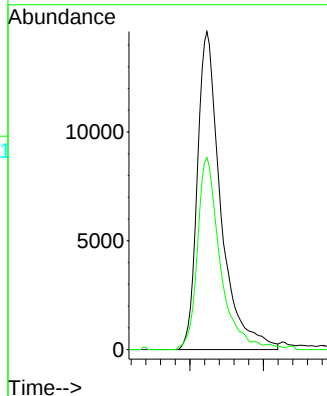
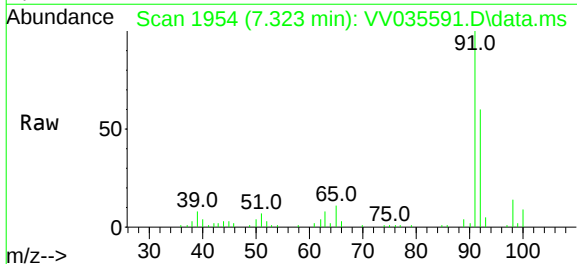
Manual Integrations
APPROVED

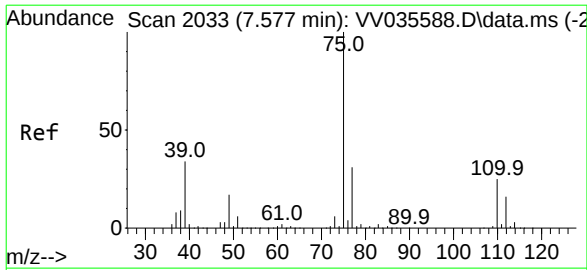
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
Toluene
Concen: 2.473 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 91 Resp: 32281
Ion Ratio Lower Upper
91 100
92 60.4 40.3 74.9





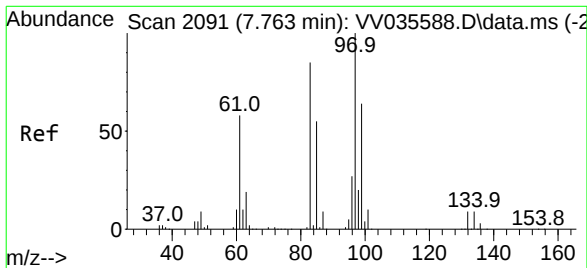
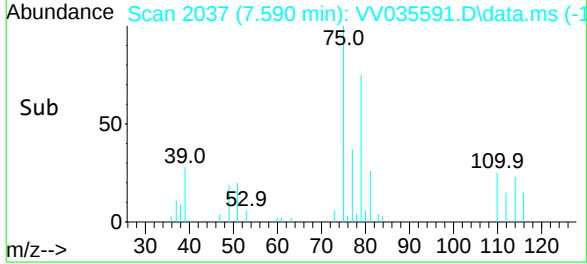
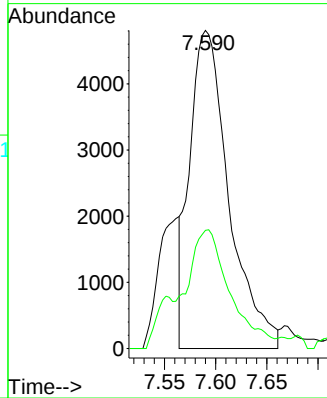
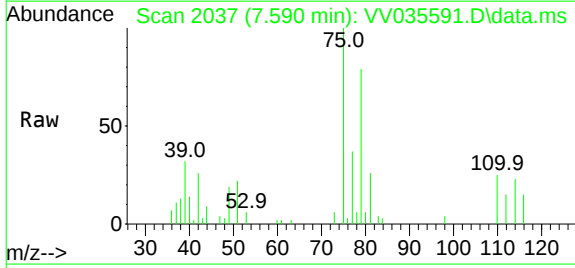
#44
trans-1,3-Dichloropropene
Concen: 2.513 ug/L m
RT: 7.590 min Scan# 2033
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

Tgt Ion: 75 Resp: 12808
Ion Ratio Lower Upper
75 100
77 37.1 22.4 41.6

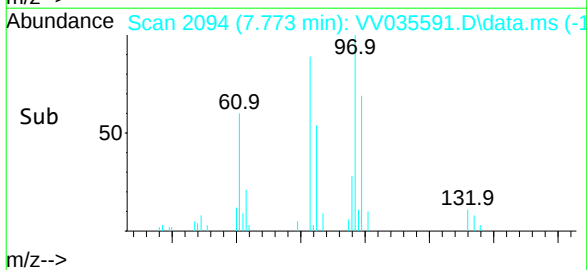
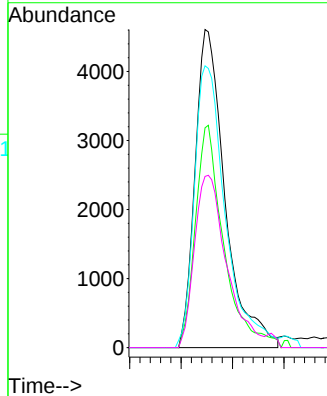
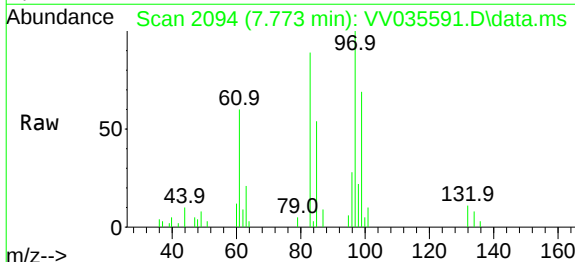
Manual Integrations
APPROVED

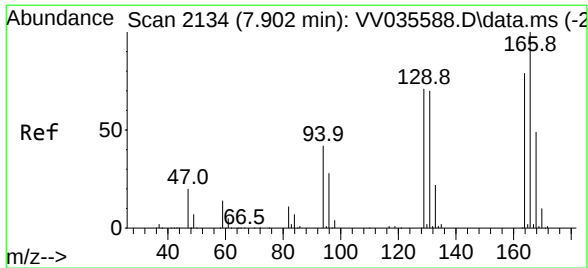
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#45
1,1,2-Trichloroethane
Concen: 2.553 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

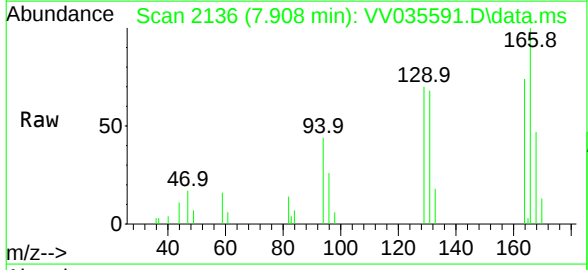
Tgt Ion: 97 Resp: 9332
Ion Ratio Lower Upper
97 100
99 69.1 44.2 82.2
83 88.6 59.3 110.1
85 53.8 38.4 71.2





#46
Tetrachloroethene
Concen: 2.530 ug/L
RT: 7.908 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

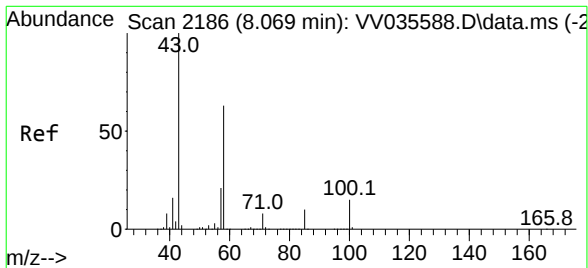
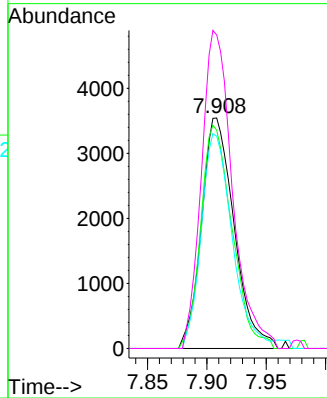
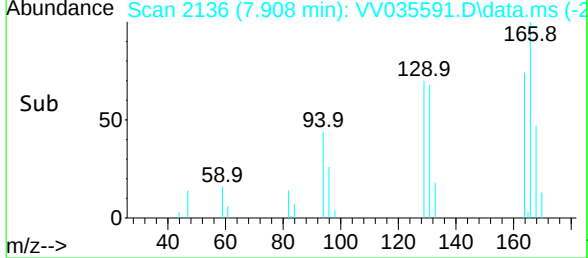
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04



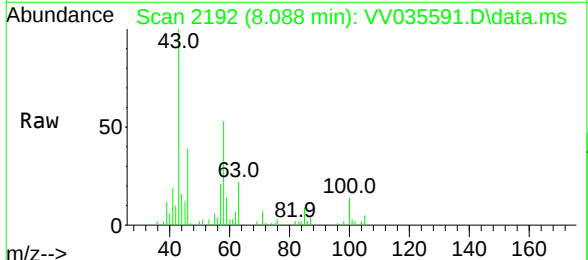
Tgt Ion:	164	Resp:	6764
Ion	Ratio	Lower	Upper
164	100		
129	94.6	64.7	120.1
131	92.1	61.5	114.1
166	136.0	90.6	168.3

Manual Integrations
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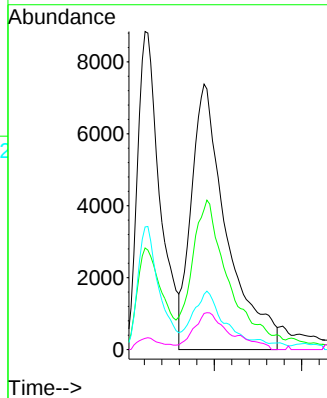
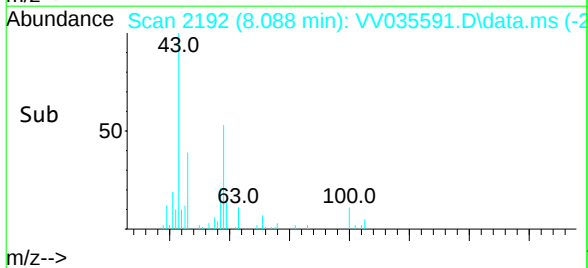
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

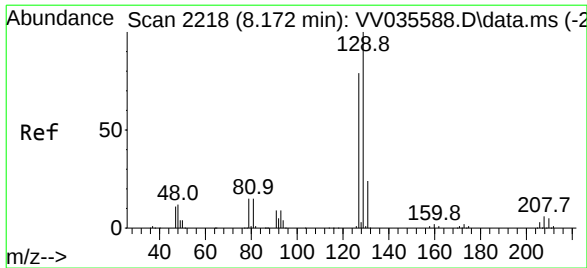


#48
2-Hexanone
Concen: 5.582 ug/L m
RT: 8.088 min Scan# 2192
Delta R.T. 0.019 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47



Tgt Ion:	43	Resp:	20723
Ion	Ratio	Lower	Upper
43	100		
58	43.6	50.8	76.2#
57	15.6	17.6	26.4#
100	9.5	12.0	18.0#





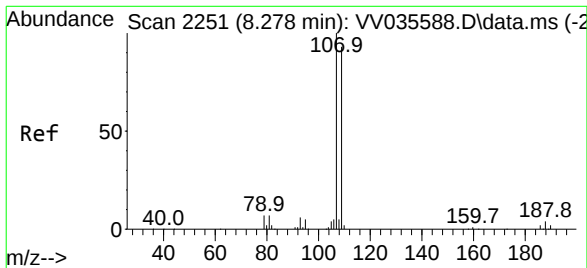
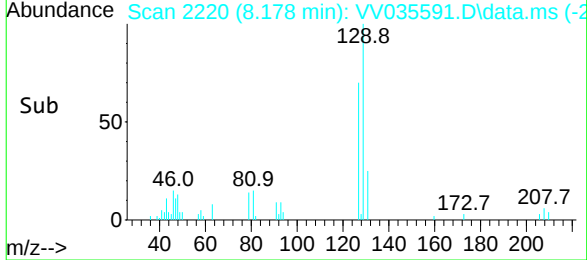
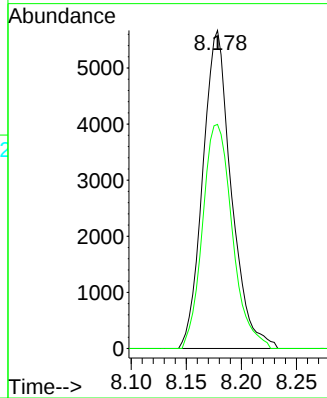
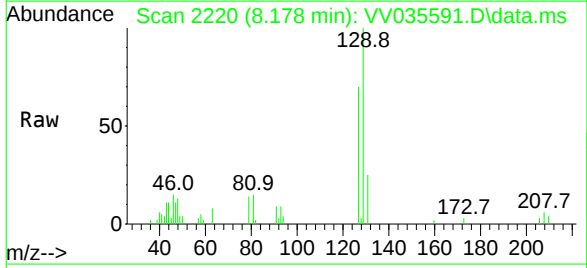
#49
Dibromochloromethane
Concen: 2.667 ug/L
RT: 8.178 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:129 Resp: 10206
Ion Ratio Lower Upper
129 100
127 70.5 54.3 100.8

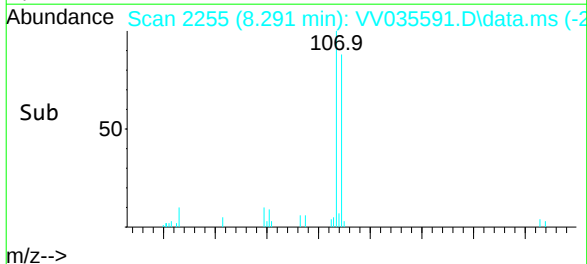
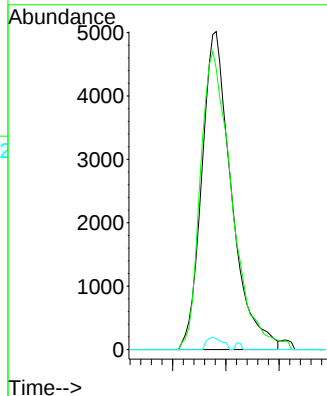
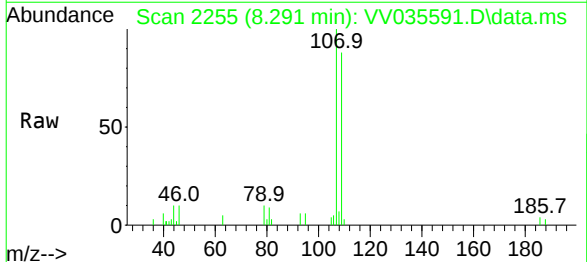
Manual Integrations
APPROVED

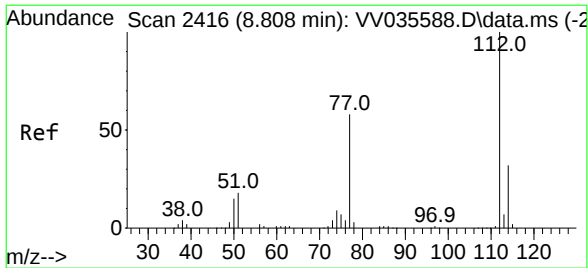
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#50
1,2-Dibromoethane
Concen: 2.546 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:107 Resp: 9725
Ion Ratio Lower Upper
107 100
109 88.4 65.7 122.1
188 3.4 3.1 4.7





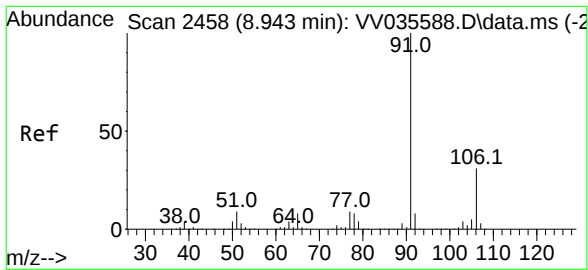
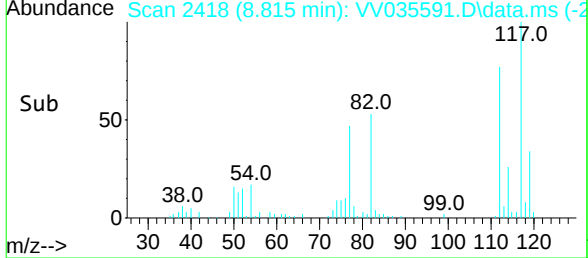
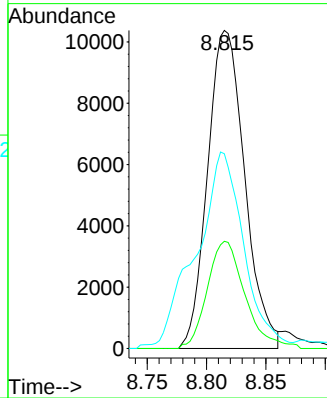
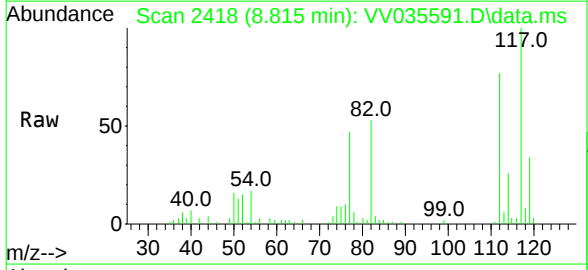
#51
Chlorobenzene
Concen: 2.493 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:	112	Resp:	22586
Ion Ratio	Lower	Upper	
112	100		
114	33.7	22.4	41.6
77	61.2	45.9	68.9

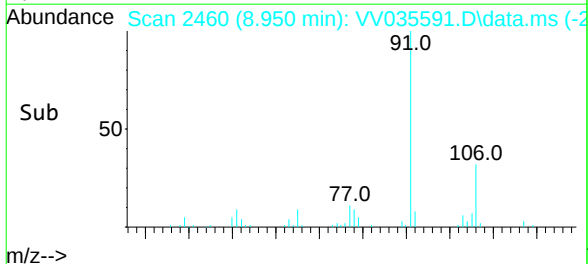
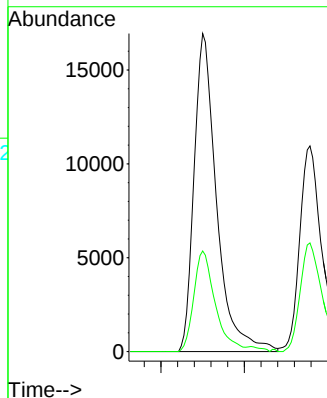
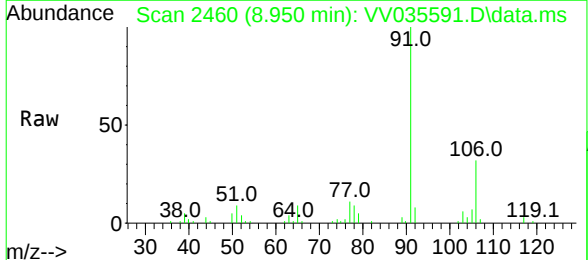
Manual Integrations
APPROVED

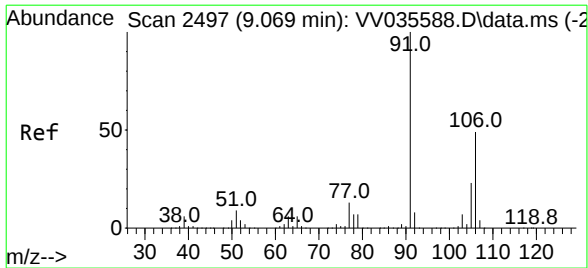
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
Ethylbenzene
Concen: 2.255 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:	91	Resp:	31798
Ion Ratio	Lower	Upper	
91	100		
106	31.6	21.6	40.0





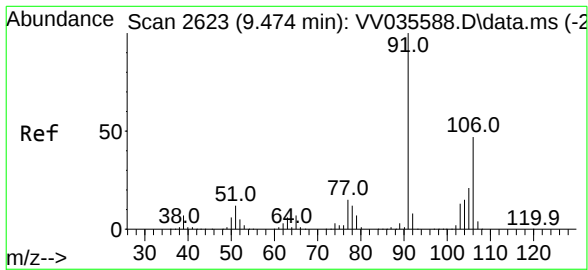
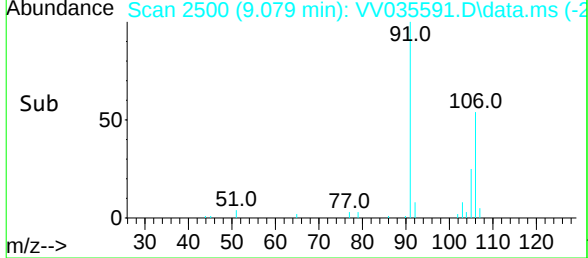
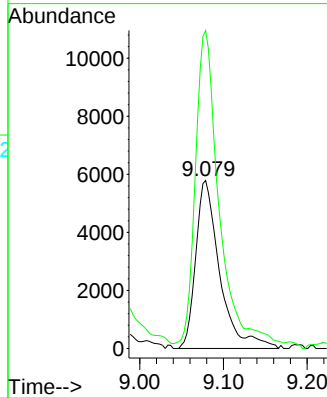
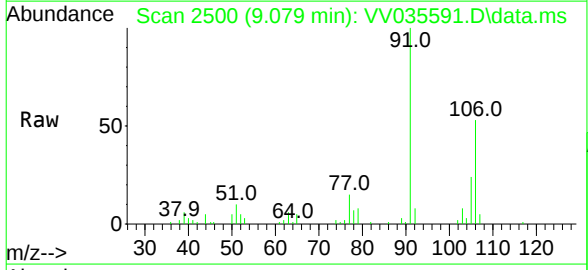
#53
m,p-Xylene
Concen: 2.205 ug/L m
RT: 9.079 min Scan# 2510
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion:106 Resp: 11534
Ion Ratio Lower Upper
106 100
91 189.3 144.8 268.8

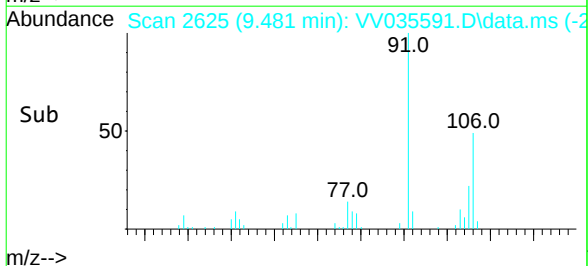
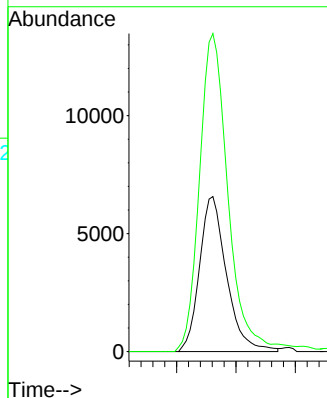
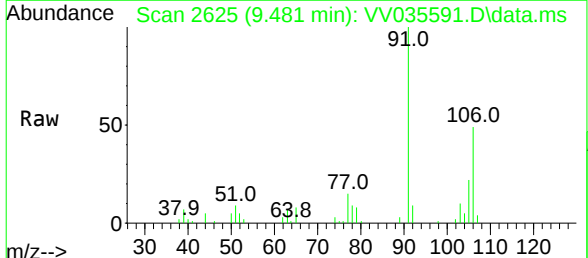
Manual Integrations
APPROVED

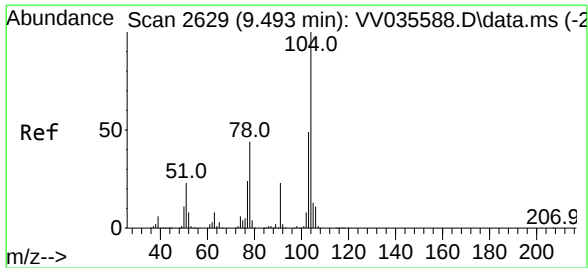
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
o-Xylene
Concen: 1.975 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:106 Resp: 10410
Ion Ratio Lower Upper
106 100
91 205.1 149.9 278.3





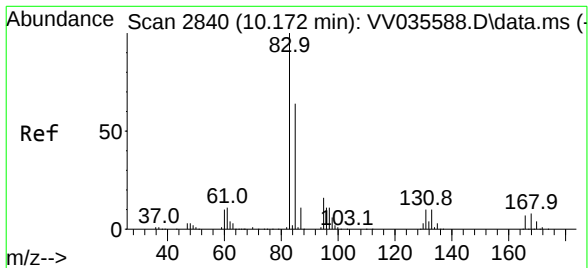
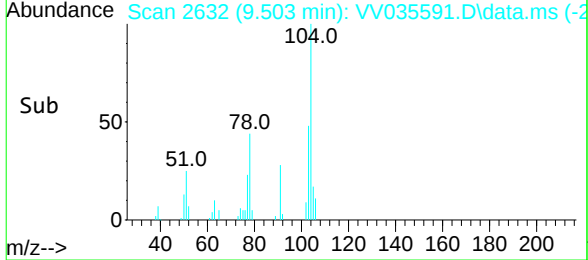
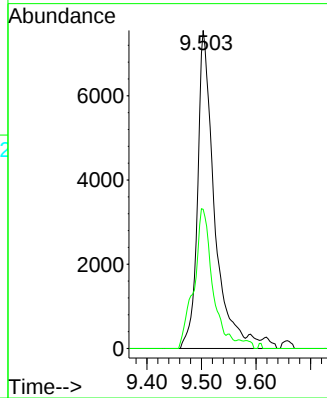
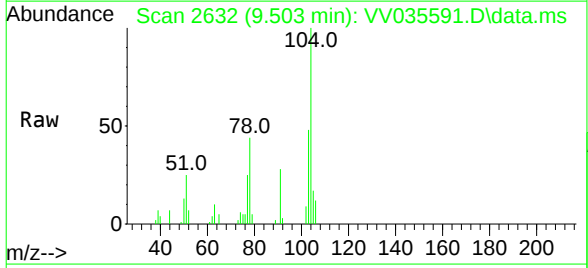
#55
Styrene
Concen: 1.820 ug/L m
RT: 9.503 min Scan# 2629
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

Tgt Ion:104 Resp: 16580
Ion Ratio Lower Upper
104 100
78 43.7 29.9 55.5

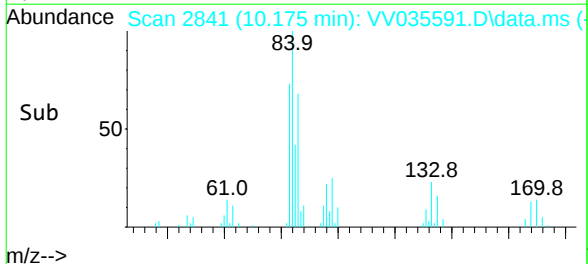
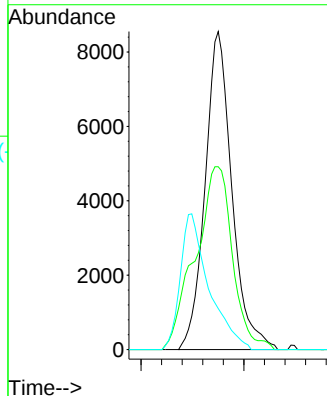
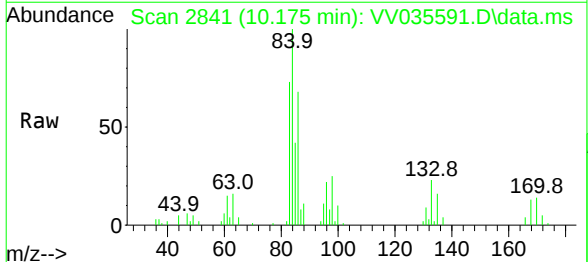
Manual Integrations
APPROVED

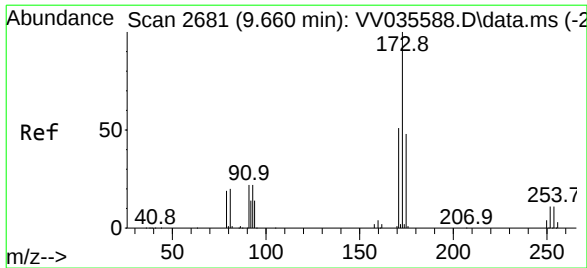
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 2.474 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 83 Resp: 15477
Ion Ratio Lower Upper
83 100
85 57.5 44.9 83.5
131 12.9 8.1 12.1#





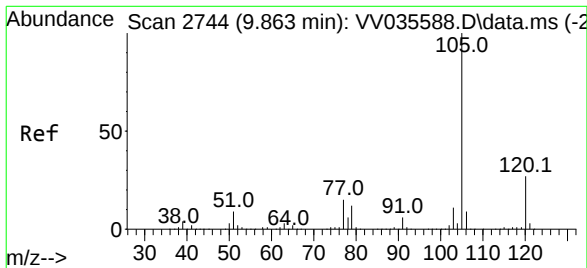
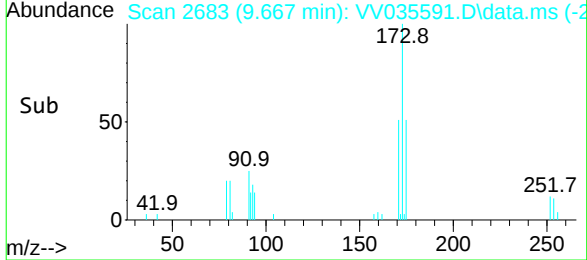
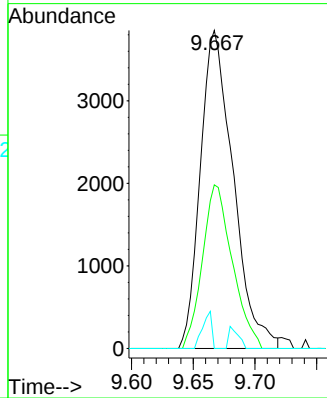
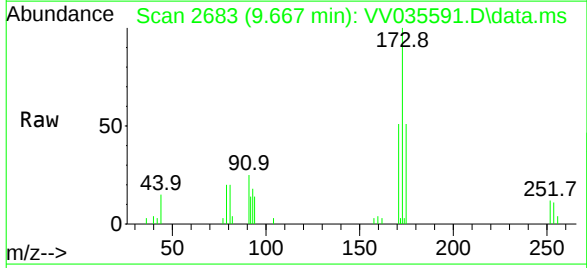
#59
Bromoform
Concen: 2.702 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

Tgt Ion:	173	Resp:	7133
Ion Ratio	Lower	Upper	
173	100		
175	46.8	39.0	58.6
254	3.3	8.5	12.7#

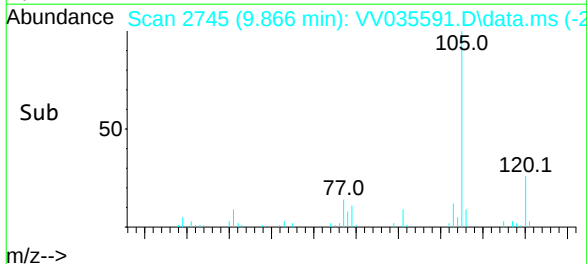
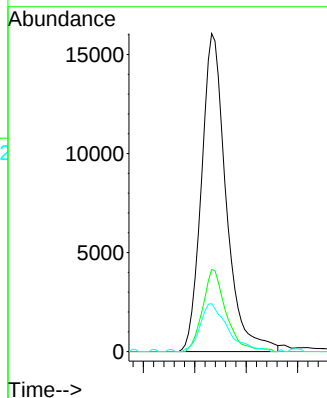
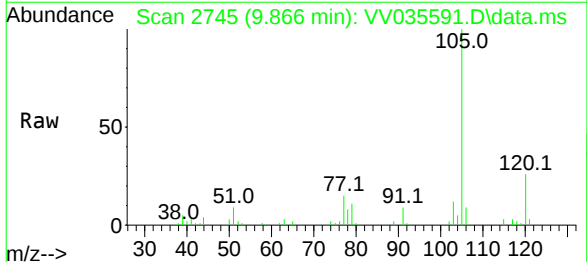
Manual Integrations
APPROVED

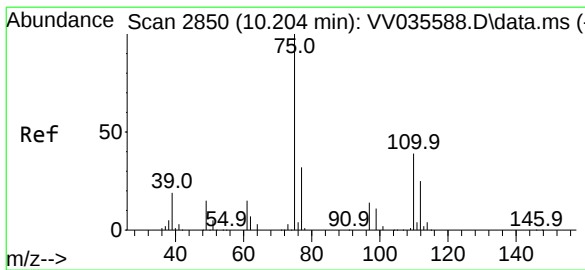
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
Isopropylbenzene
Concen: 2.270 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:	105	Resp:	26759
Ion Ratio	Lower	Upper	
105	100		
120	24.5	21.5	32.3
77	16.8	12.3	18.5





#61

1,2,3-Trichloropropane

Concen: 2.978 ug/L

RT: 10.210 min Scan# 2850

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

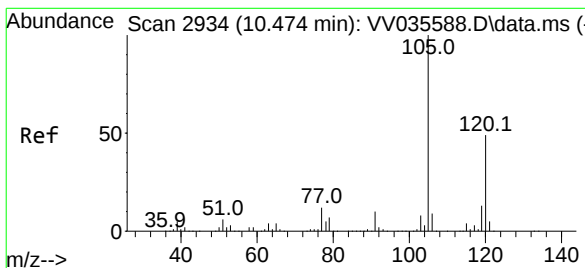
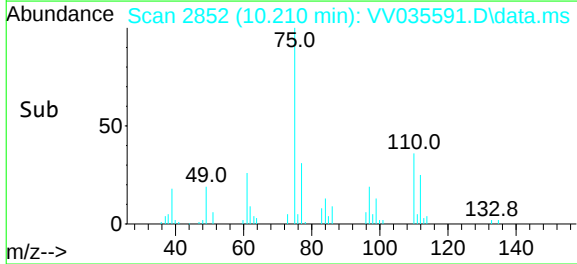
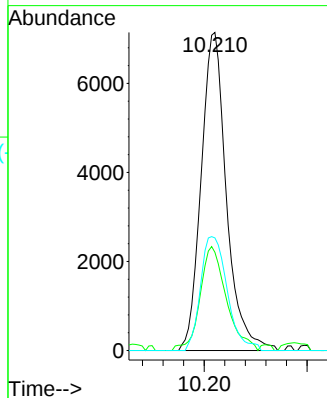
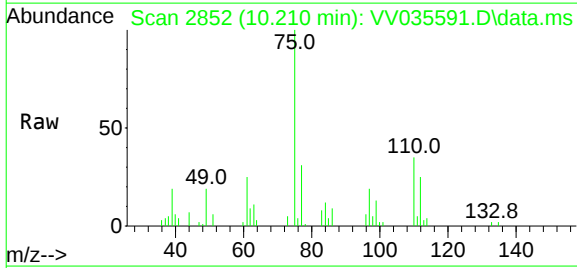
Tgt Ion:	75	Resp:	12193
Ion Ratio	Lower	Upper	
75	100		
77	33.4	25.8	38.6
110	37.8	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#62

1,3,5-Trimethylbenzene

Concen: 2.165 ug/L

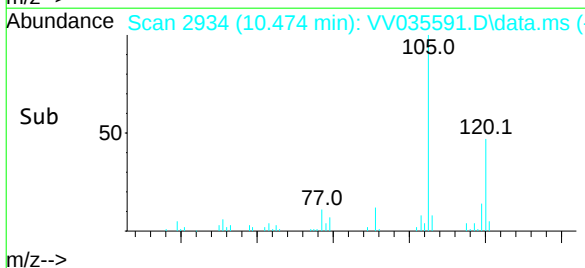
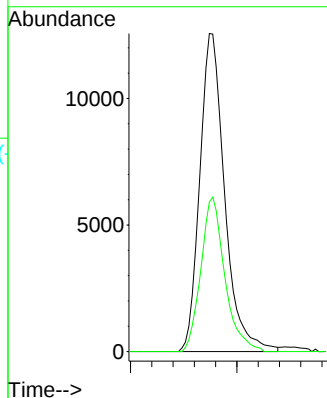
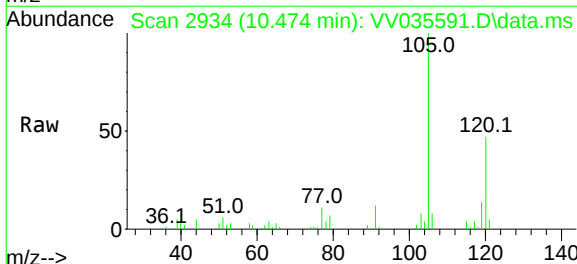
RT: 10.474 min Scan# 2934

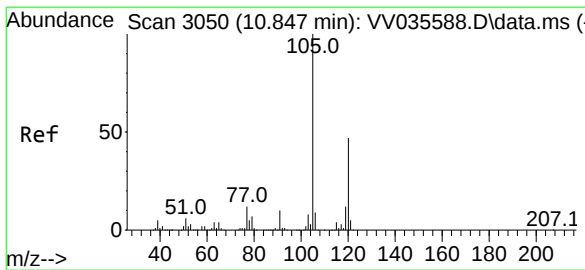
Delta R.T. 0.000 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Tgt Ion:	105	Resp:	20420
Ion Ratio	Lower	Upper	
105	100		
120	46.7	39.5	59.3





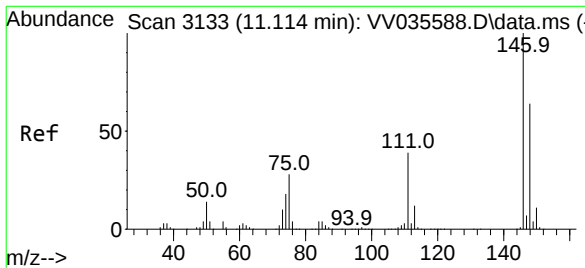
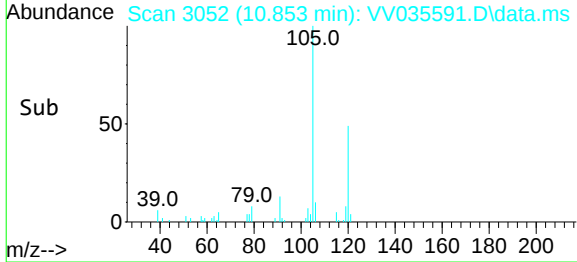
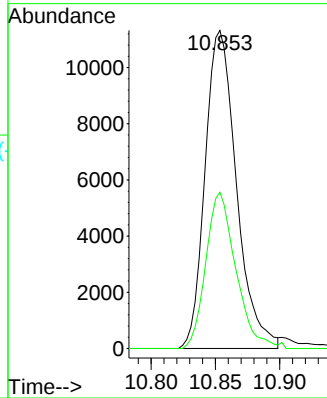
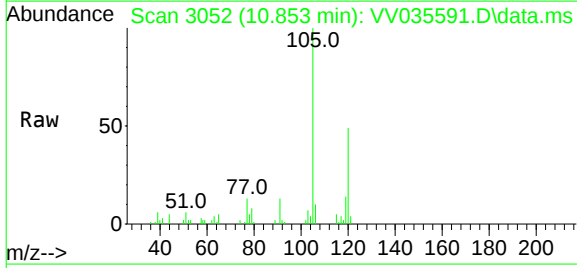
#63
1,2,4-Trimethylbenzene
Concen: 2.032 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2024-04

Tgt Ion:105 Resp: 19223
Ion Ratio Lower Upper
105 100
120 46.6 36.6 55.0

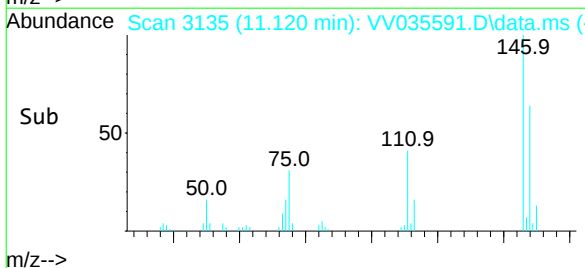
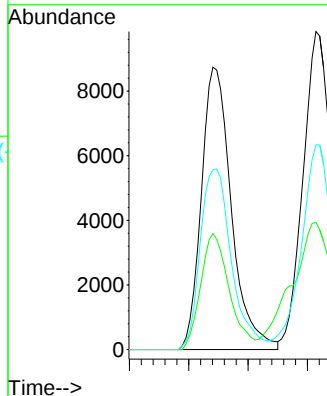
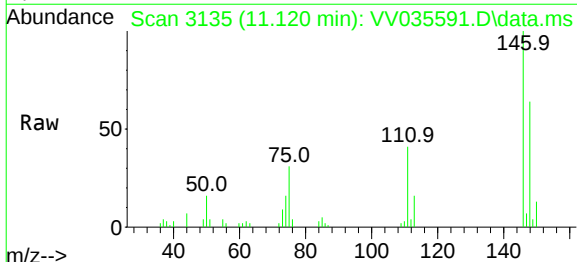
Manual Integrations
APPROVED

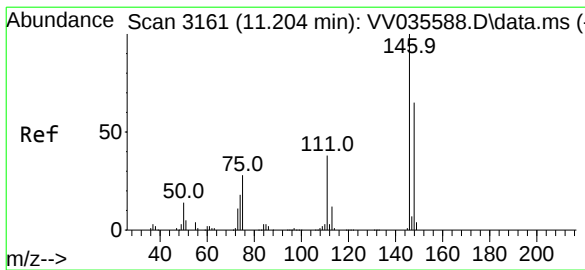
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#64
1,3-Dichlorobenzene
Concen: 2.514 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:146 Resp: 15346
Ion Ratio Lower Upper
146 100
111 41.1 27.9 51.7
148 63.7 45.1 83.9





#65

1,4-Dichlorobenzene

Concen: 2.617 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

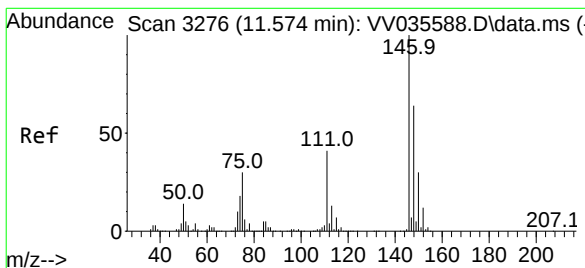
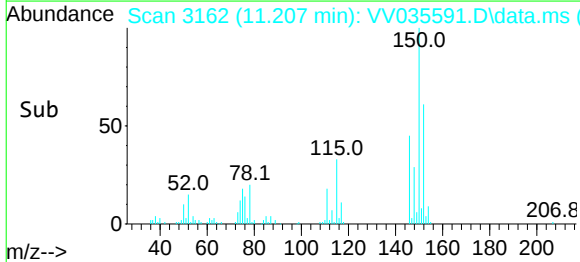
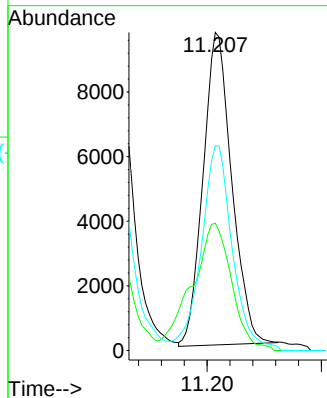
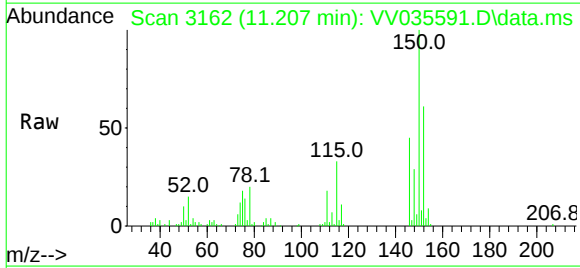
MDL-WATER-QT2-2024-04

Tgt	Ion:146	Resp:	16857
Ion	Ratio	Lower	Upper
146	100		
111	40.0	26.4	49.0
148	64.4	44.3	82.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#67

1,2-Dichlorobenzene

Concen: 2.913 ug/L

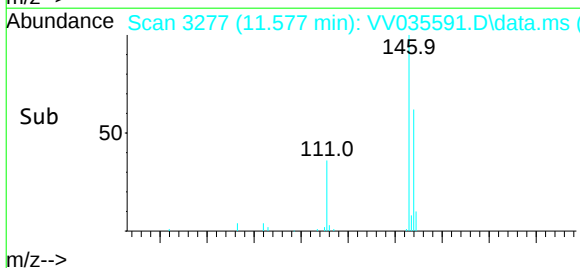
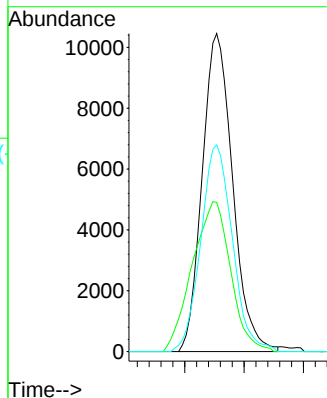
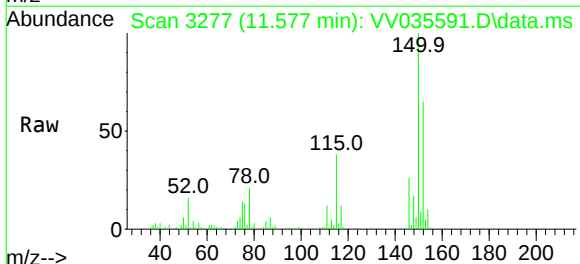
RT: 11.577 min Scan# 3277

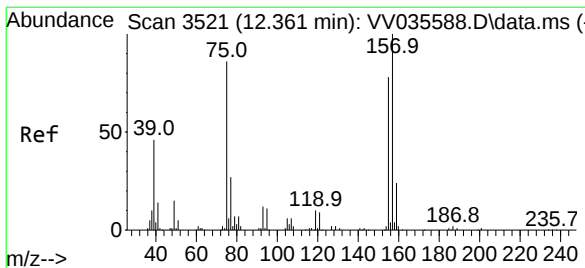
Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Tgt	Ion:146	Resp:	18601
Ion	Ratio	Lower	Upper
146	100		
111	46.9	32.1	48.1
148	65.0	51.5	77.3





#68

1,2-Dibromo-3-chloropropane

Concen: 2.745 ug/L

RT: 12.368 min Scan# 3510

Delta R.T. 0.007 min

Lab File: VV035591.D

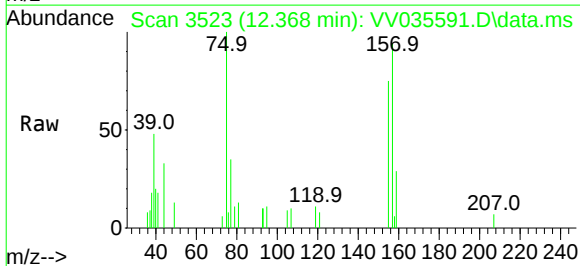
Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion: 75 Resp: 3310

Ion Ratio Lower Upper

75 100

155 75.5 71.4 107.2

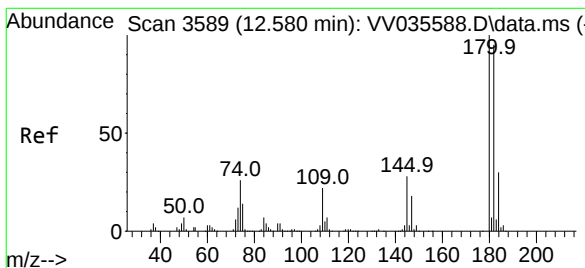
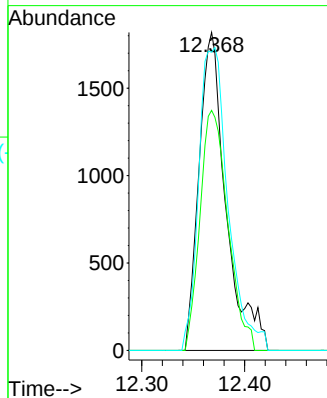
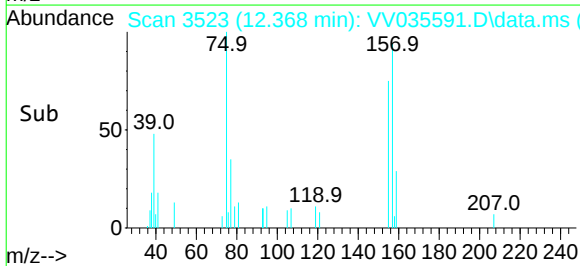
157 93.8 95.0 142.4#

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#69

1,3,5-Trichlorobenzene

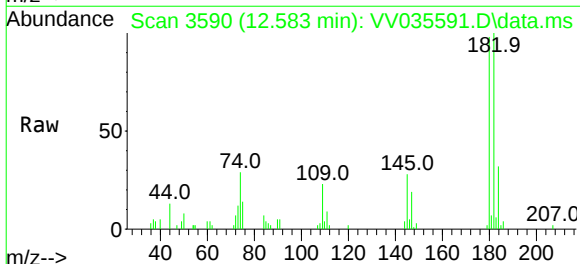
Concen: 2.494 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47



Tgt Ion:180 Resp: 11555

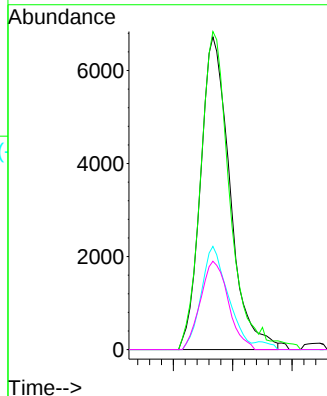
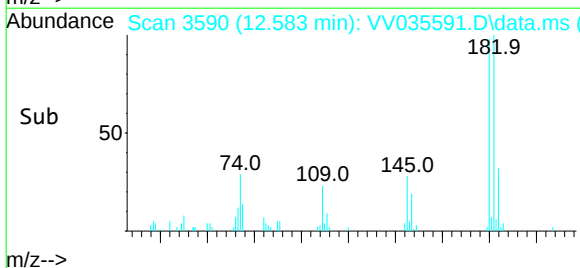
Ion Ratio Lower Upper

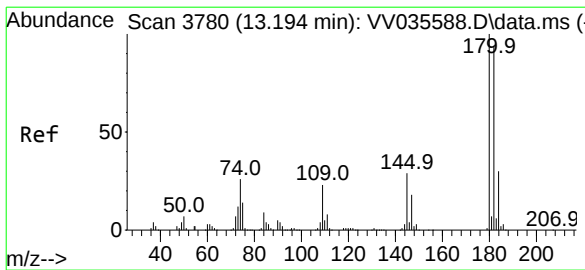
180 100

182 97.8 75.7 113.5

184 30.0 24.1 36.1

145 26.8 22.5 33.7





#70

1,2,4-trichlorobenzene

Concen: 2.249 ug/L

RT: 13.201 min Scan# 3780

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

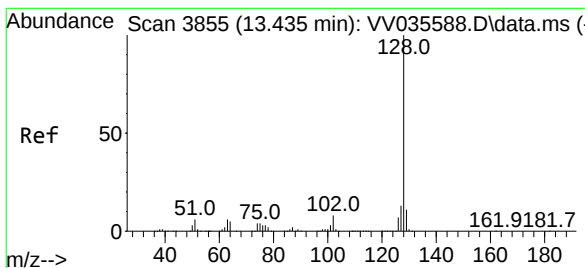
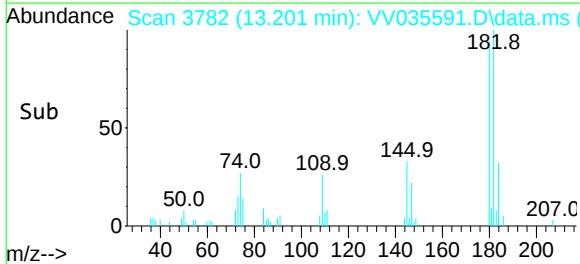
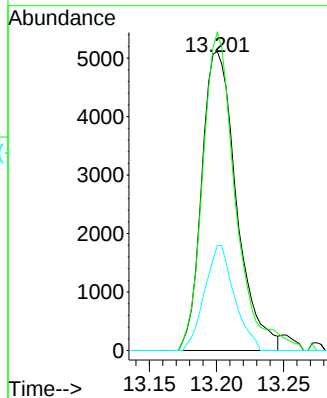
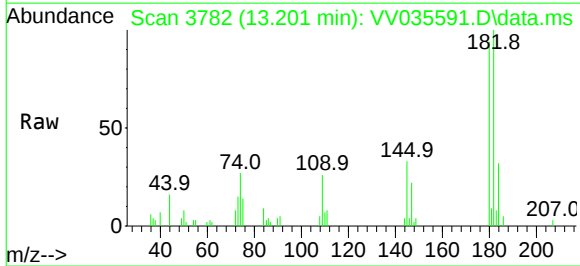
Tgt	Ion:180	Resp:	9178
Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.7	113.5
145	30.2	23.0	34.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#71

Naphthalene

Concen: 1.954 ug/L m

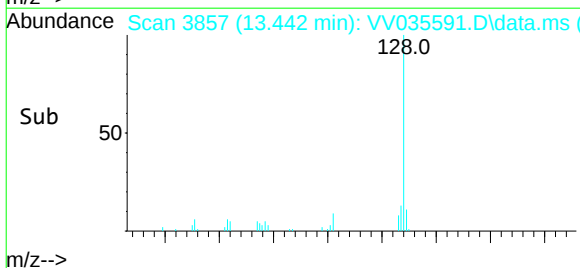
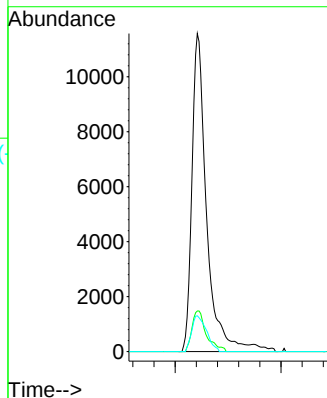
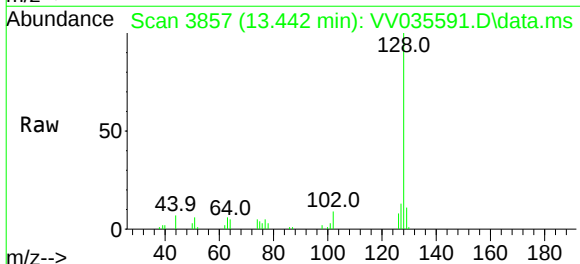
RT: 13.442 min Scan# 3857

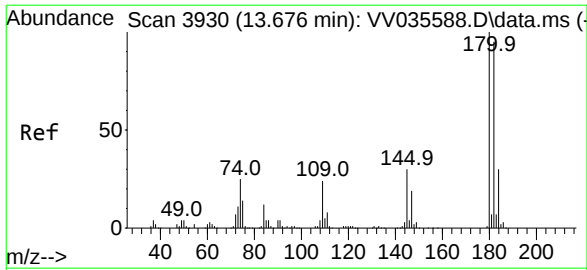
Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

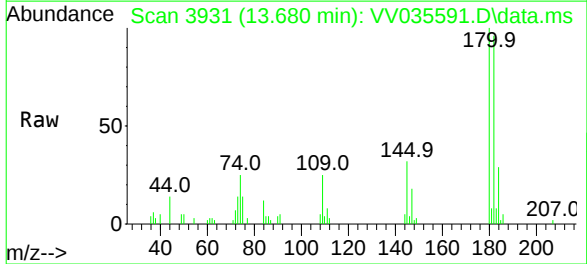
Tgt	Ion:128	Resp:	22354
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	11.3	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.377 ug/L
RT: 13.680 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2024-04



Tgt	Ion	Ratio	Lower	Upper
180	100			
182	93.2	76.2	114.2	
145	27.9	24.9	37.3	

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

