

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034460.D
 Acq On : 28 Feb 2024 10:41
 Operator : SY/MD
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Quant Time: Feb 29 00:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/29/2024
 Supervised By :Semsettin Yesilyurt 02/29/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	147418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	141235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	35023	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.532	69	30846	4.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.056	65	16624	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.821	46	113222	50.604	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	4.252	84	80863	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	43626	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.963	84	139147	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.992	67	46612	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.246	98	121767	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.561	79	15669	4.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.030	63	101188	50.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36337	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	50578	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2420	0.260	ug/L	98
3) Chloromethane	1.214	50	3047	0.276	ug/L	93
5) Vinyl chloride	1.281	62	3141	0.288	ug/L	97
6) Bromomethane	1.487	94	1783	0.288	ug/L	97
8) Chloroethane	1.548	64	1848	0.239	ug/L	96
9) Trichlorofluoromethane	1.712	101	4368	0.246	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2711	0.283	ug/L #	90
12) 1,1-Dichloroethene	2.066	96	2649	0.287	ug/L #	1
14) Carbon disulfide	2.240	76	6263	0.253	ug/L	96
15) Methyl Acetate	2.391	43	866m	0.222	ug/L	
16) Methylene chloride	2.449	84	3184	0.302	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	6035	0.251	ug/L	93
18) trans-1,2-Dichloroethene	2.699	96	2524	0.269	ug/L	84
19) 1,1-Dichloroethane	3.121	63	4868	0.269	ug/L	97
21) 2-Butanone	3.944	43	7956m	3.185	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	2601m	0.252	ug/L	
23) Bromochloromethane	4.165	128	1197	0.278	ug/L #	70
25) Chloroform	4.281	83	5431	0.289	ug/L	93
27) 1,2-Dichloroethane	5.066	62	3043	0.266	ug/L #	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.513	97	4165	0.236	ug/L #	86
30) Cyclohexane	4.580	56	3498	0.230	ug/L	90
31) Carbon tetrachloride	4.744	117	3700	0.241	ug/L	93
33) Benzene	5.021	78	8673	0.222	ug/L	100
34) Trichloroethene	5.844	95	2213	0.217	ug/L	89
35) Methylcyclohexane	6.043	83	4298m	0.268	ug/L	
37) 1,2-Dichloropropane	6.108	63	2608	0.270	ug/L #	87
38) Bromodichloromethane	6.448	83	3071	0.233	ug/L #	97
39) cis-1,3-Dichloropropene	6.979	75	3188	0.238	ug/L	96
40) 4-Methyl-2-pentanone	7.172	43	13081	2.188	ug/L #	89
42) Toluene	7.326	91	10017	0.244	ug/L	93
44) trans-1,3-Dichloropropene	7.609	75	3293m	0.303	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	1567	0.238	ug/L	96
47) Tetrachloroethene	7.908	164	2207	0.276	ug/L	88
48) 2-Hexanone	8.091	43	11888	2.792	ug/L #	97
49) Dibromochloromethane	8.181	129	1649	0.216	ug/L	85
50) 1,2-Dibromoethane	8.297	107	1572	0.256	ug/L #	93
51) Chlorobenzene	8.821	112	7098	0.266	ug/L #	86
52) Ethylbenzene	8.956	91	11606	0.251	ug/L	98
53) m,p-Xylene	9.088	106	3975	0.231	ug/L	95
54) o-Xylene	9.484	106	4195	0.244	ug/L	86
55) Styrene	9.509	104	6317	0.229	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.181	83	2111	0.268	ug/L #	95
59) Bromoform	9.680	173	650	0.177	ug/L #	94
60) Isopropylbenzene	9.873	105	10592	0.246	ug/L	95
61) 1,2,3-Trichloropropane	10.217	75	1633	0.294	ug/L	93
62) 1,3,5-Trimethylbenzene	10.480	105	8863	0.235	ug/L	93
63) 1,2,4-Trimethylbenzene	10.857	105	8514	0.226	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	5331	0.254	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	5790	0.278	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	5373	0.274	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	264	0.188	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	4141	0.258	ug/L #	96
70) 1,2,4-trichlorobenzene	13.204	180	3794	0.270	ug/L	94
71) Naphthalene	13.451	128	6114	0.255	ug/L	98
72) 1,2,3-Trichlorobenzene	13.692	180	3181	0.253	ug/L	97

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

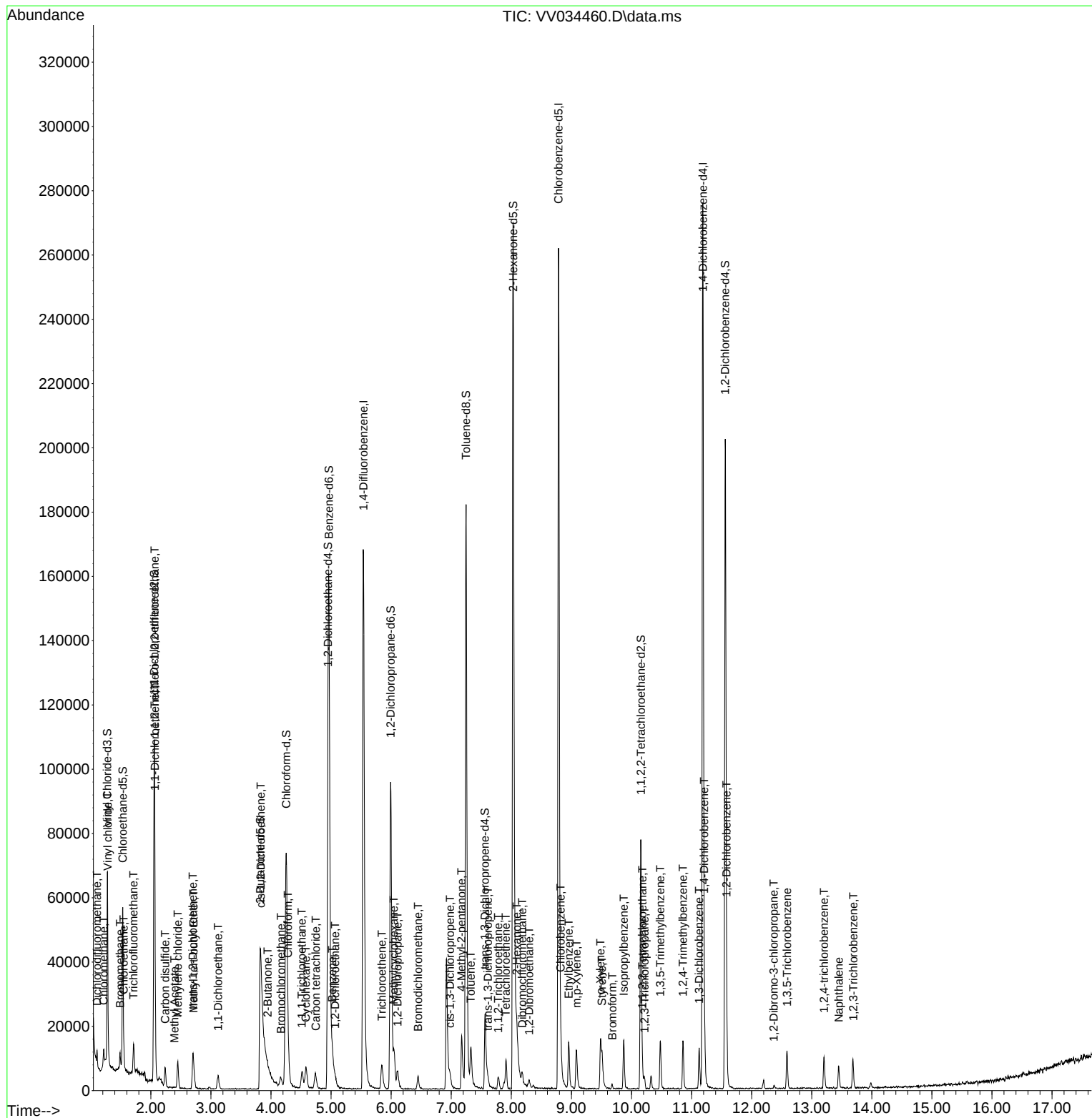
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022824\
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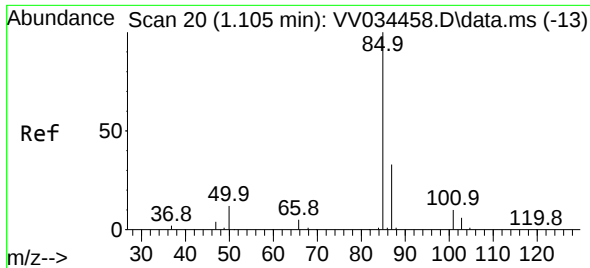
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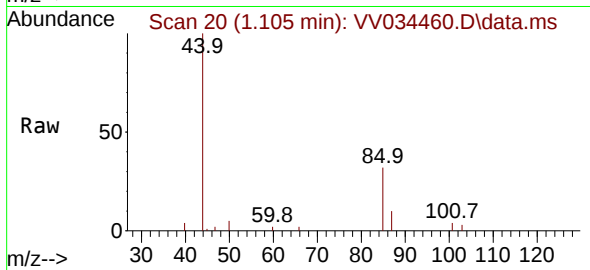
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024





#2
Dichlorodifluoromethane
Concen: 0.260 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

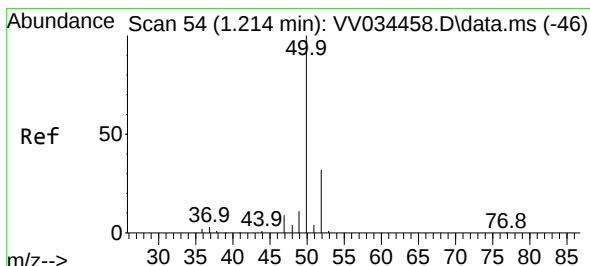
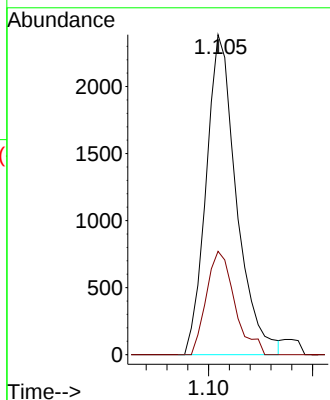
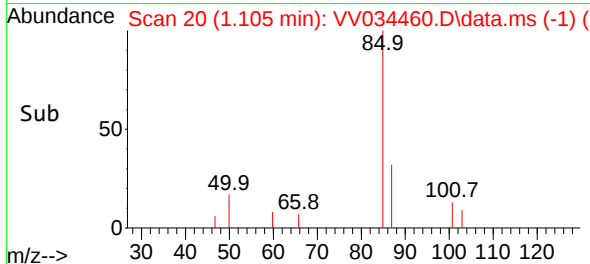
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 85 Resp: 2420
Ion Ratio Lower Upper
85 100
87 30.1 24.9 37.3

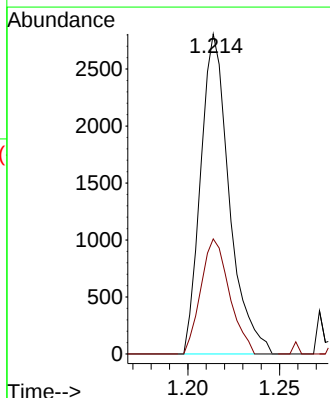
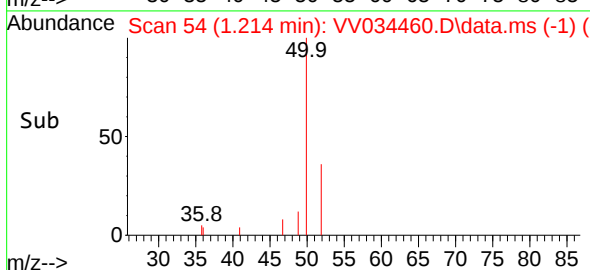
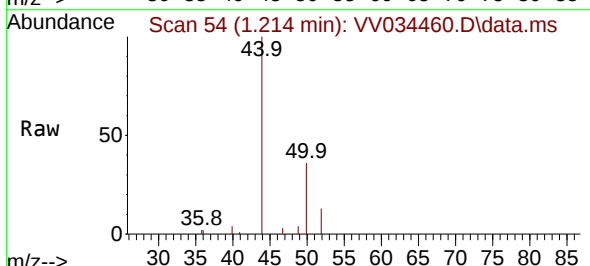
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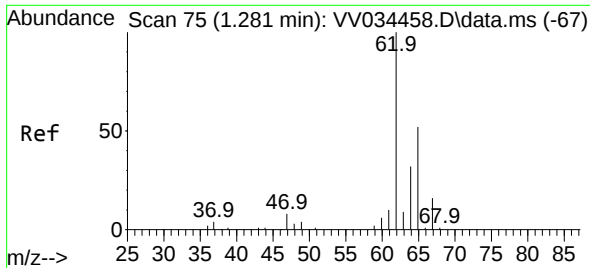
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#3
Chloromethane
Concen: 0.276 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

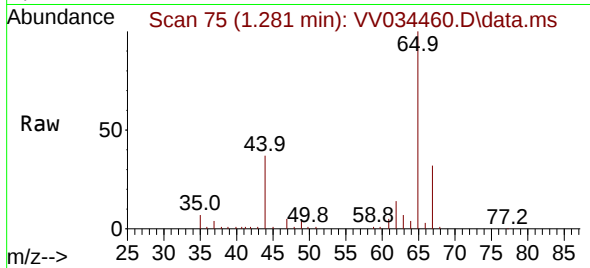
Tgt Ion: 50 Resp: 3047
Ion Ratio Lower Upper
50 100
52 36.0 22.3 41.3





#5
 Vinyl chloride
 Concen: 0.288 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

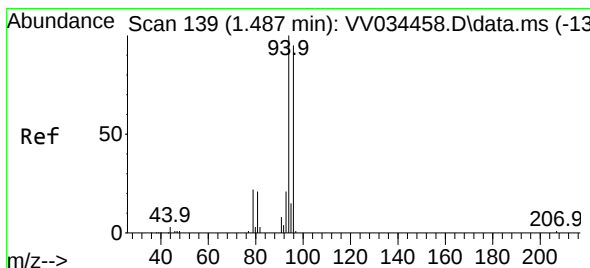
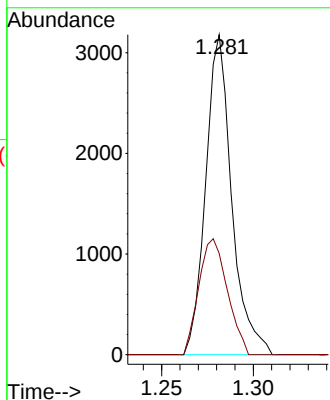
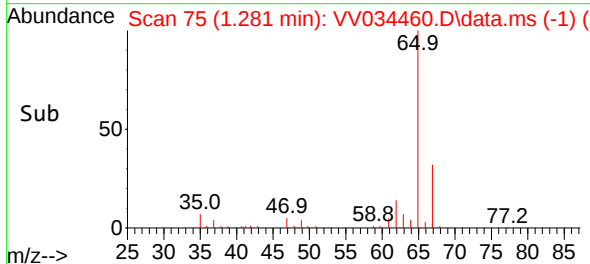
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2024-02



Tgt Ion: 62 Resp: 314
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.4 43.4

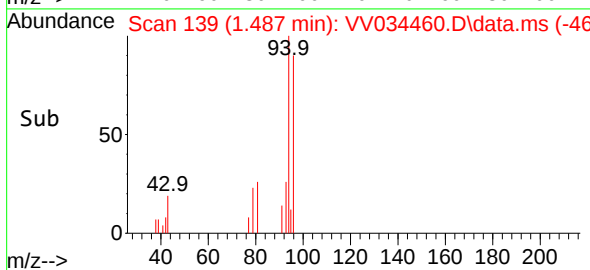
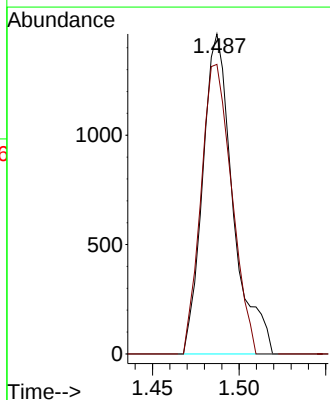
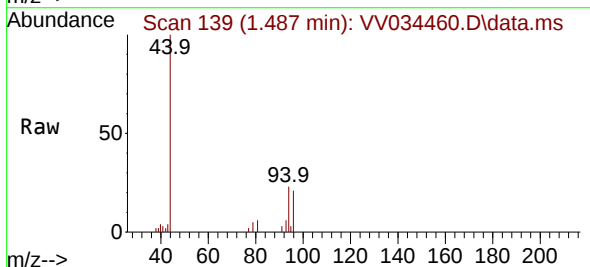
Manual Integrations
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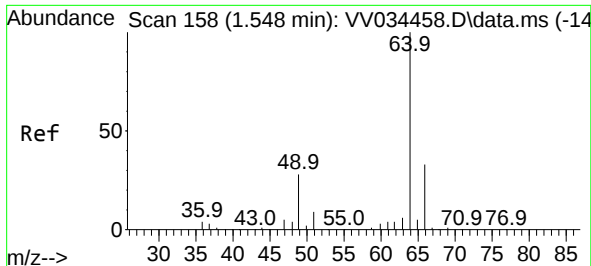
Reviewed By :Mahesh Dadoda 02/29/2024
 Supervised By :Semsettin Yesilyurt 02/29/2024



#6
 Bromomethane
 Concen: 0.288 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

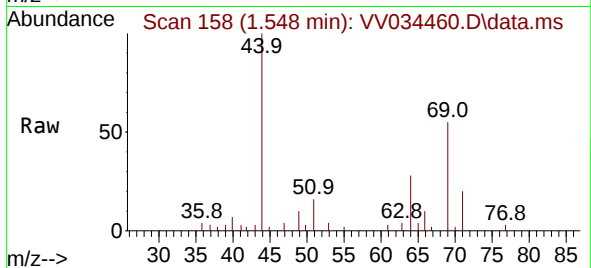
Tgt Ion: 94 Resp: 1783
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.5 121.7





#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

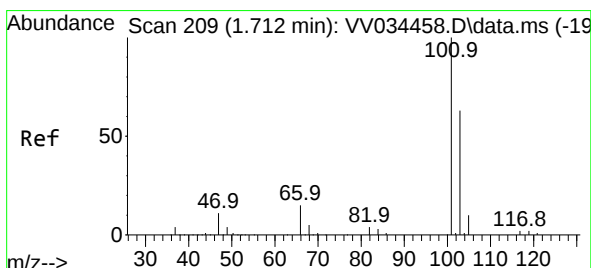
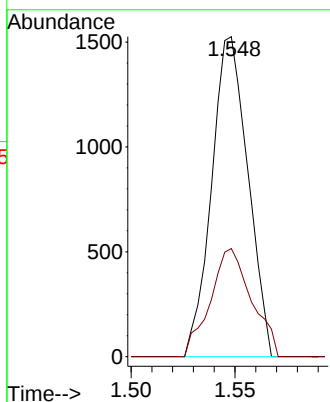
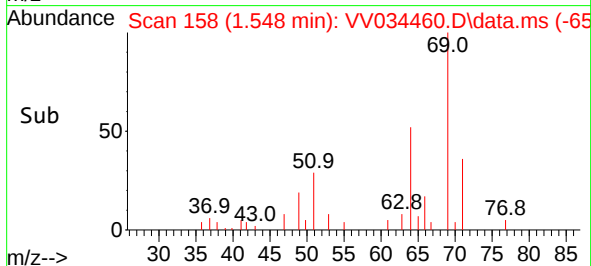
Instrument : MSVOA_V
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Tgt Ion: 64 Resp: 1848
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1

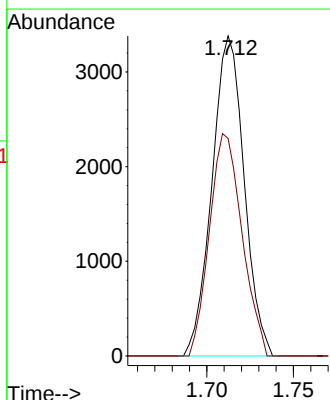
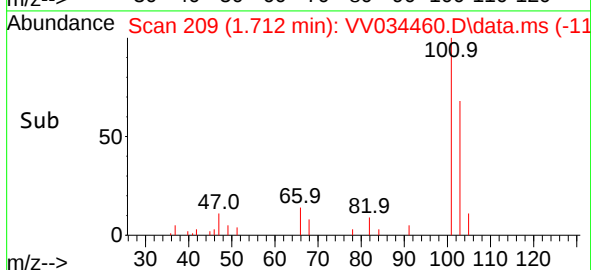
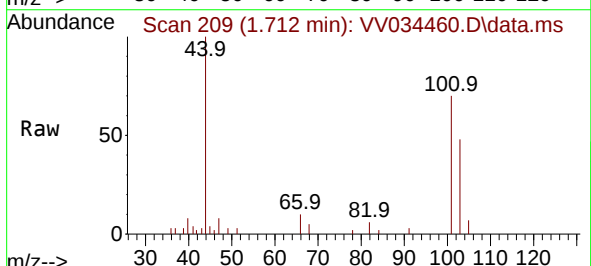
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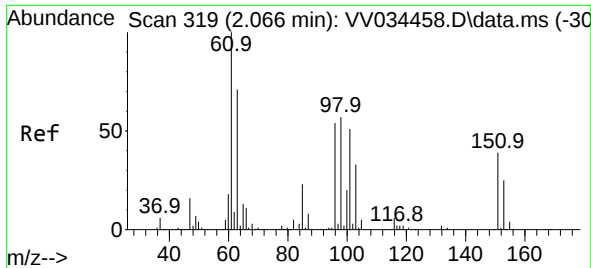
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#9
Trichlorofluoromethane
Concen: 0.246 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:101 Resp: 4368
Ion Ratio Lower Upper
101 100
103 70.3 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.283 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

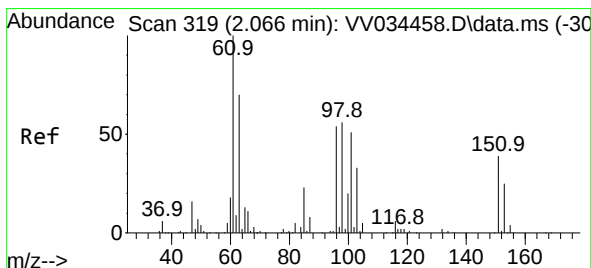
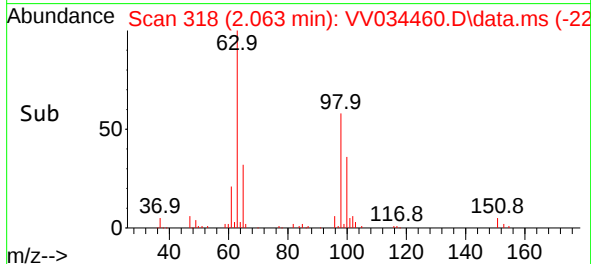
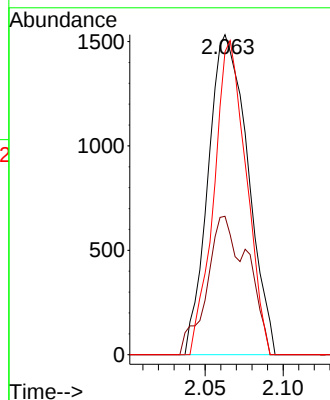
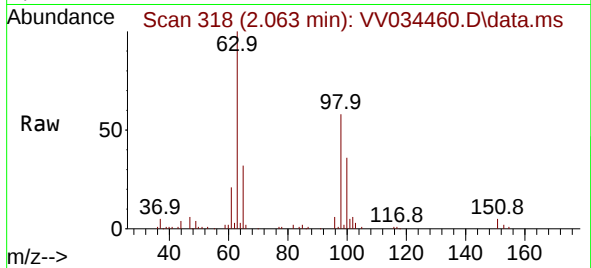
MDL-WATER-QT1-2024-02

Tgt Ion:	101	Resp:	271
Ion Ratio	Lower	Upper	
101	100		
85	32.7	37.9	56.9
151	80.1	61.8	92.6

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#12

1,1-Dichloroethene

Concen: 0.287 ug/L

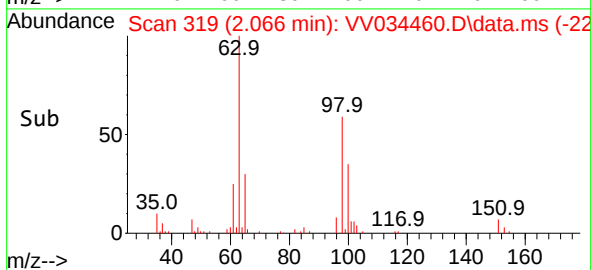
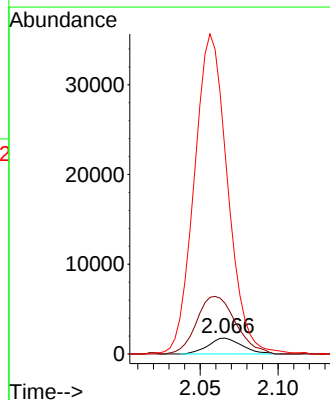
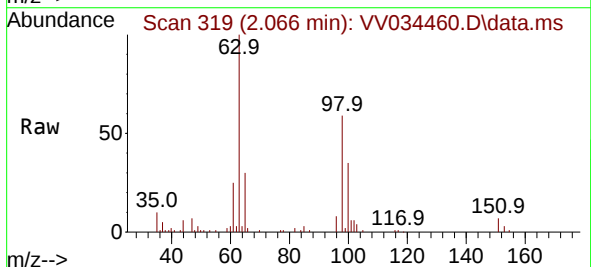
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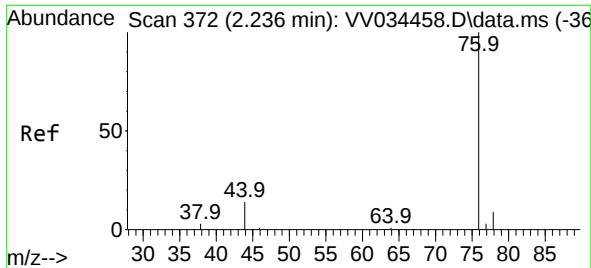
Delta R.T. -0.000 min

Lab File: VV034460.D

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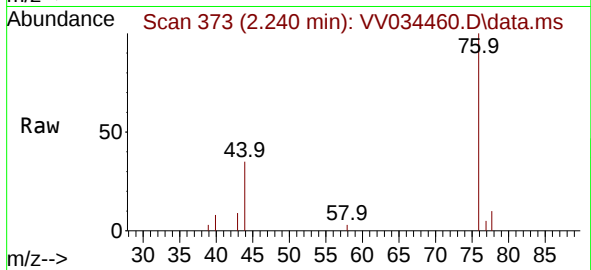
Tgt Ion:	96	Resp:	2649
Ion Ratio	Lower	Upper	
96	100		
61	320.4	131.3	243.8
63	1280.3	102.8	191.0





#14
Carbon disulfide
Concen: 0.253 ug/L
RT: 2.240 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034460.D
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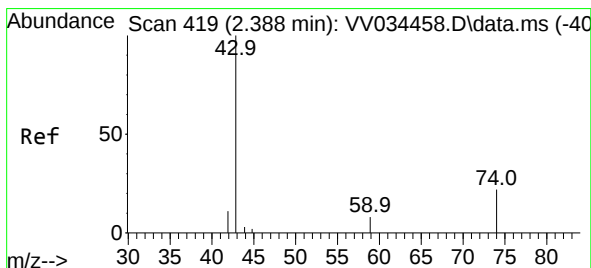
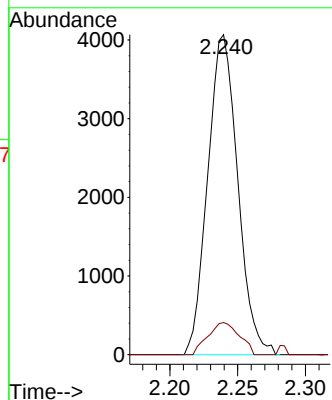
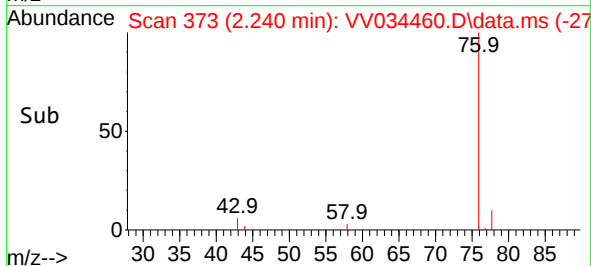
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Tgt Ion: 76 Resp: 626
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4

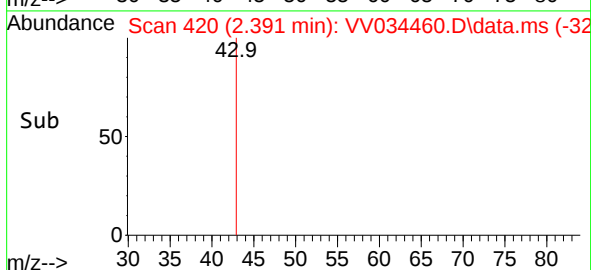
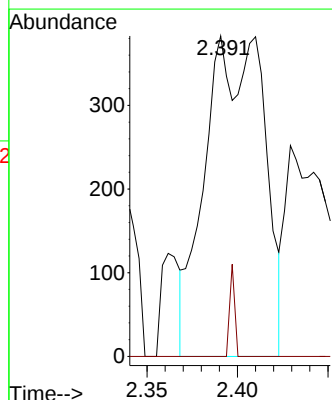
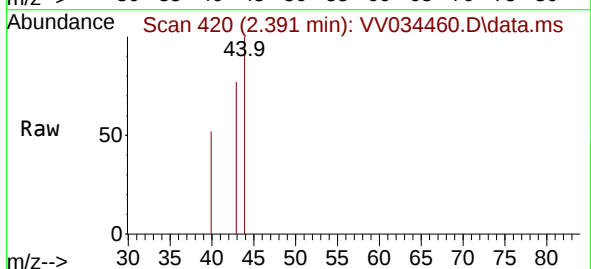
Manual Integrations
APPROVED

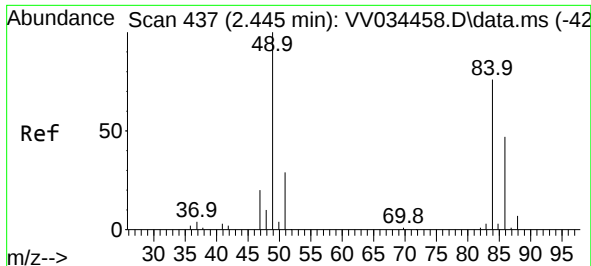
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#15
Methyl Acetate
Concen: 0.222 ug/L m
RT: 2.391 min Scan# 420
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

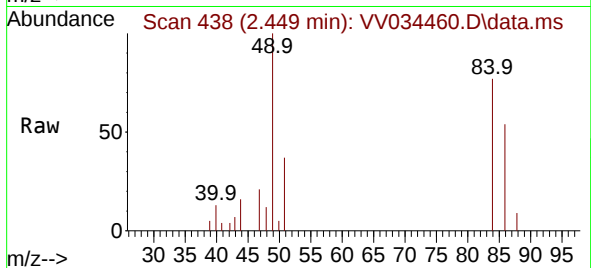
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
74 2.4 18.6 28.0#





#16
Methylene chloride
Concen: 0.302 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

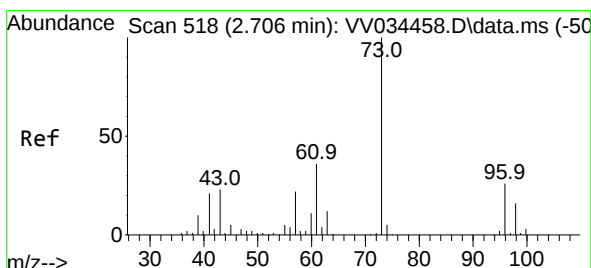
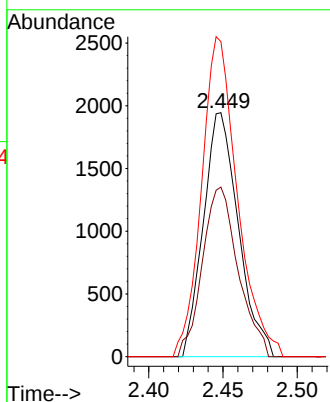
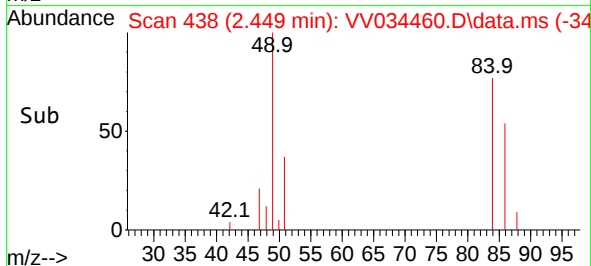
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 84 Resp: 3184
Ion Ratio Lower Upper
84 100
86 69.5 43.8 81.4
49 129.1 87.6 162.8

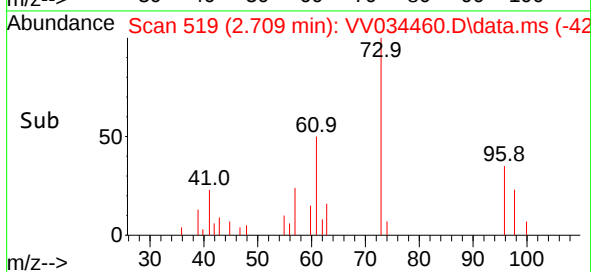
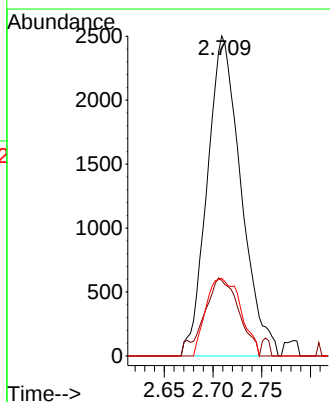
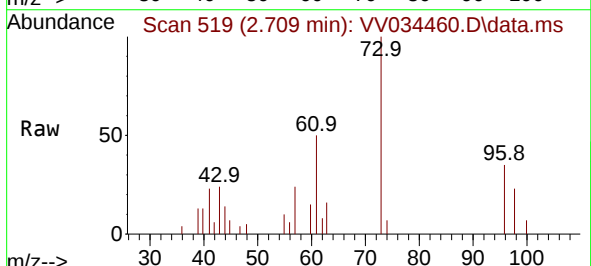
Manual Integrations
APPROVED

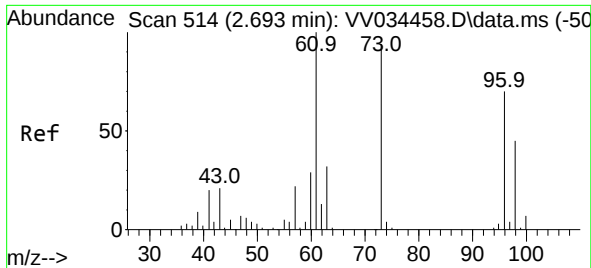
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#17
Methyl tert-butyl Ether
Concen: 0.251 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

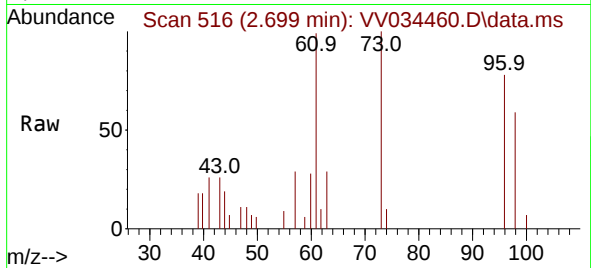
Tgt Ion: 73 Resp: 6035
Ion Ratio Lower Upper
73 100
43 25.1 18.0 27.0
57 25.0 17.0 25.6





#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

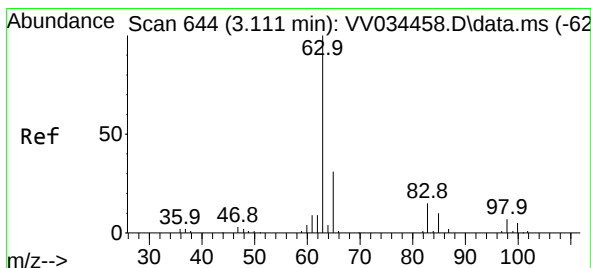
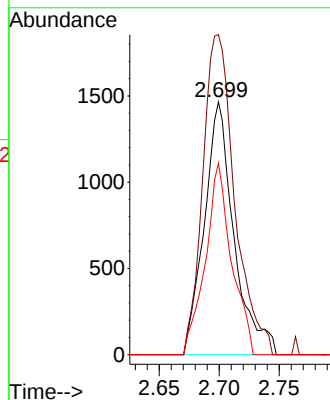
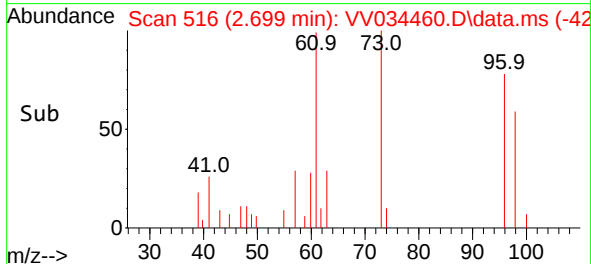
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 96 Resp: 2524
Ion Ratio Lower Upper
96 100
61 126.6 101.3 188.1
98 75.8 43.5 80.7

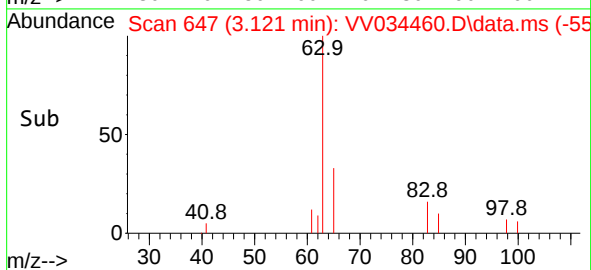
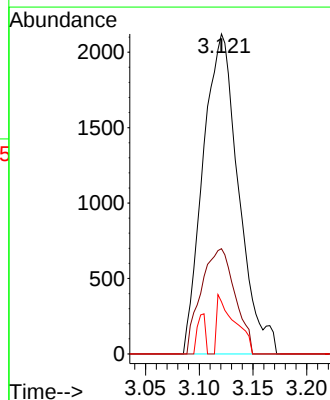
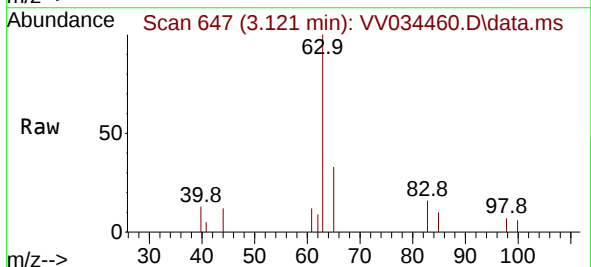
Manual Integrations
APPROVED

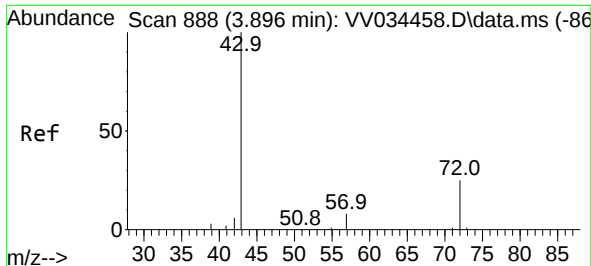
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#19
1,1-Dichloroethane
Concen: 0.269 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

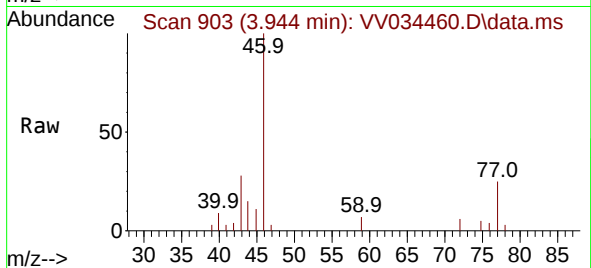
Tgt Ion: 63 Resp: 4868
Ion Ratio Lower Upper
63 100
65 32.9 22.0 41.0
83 16.3 10.1 18.9





#21
2-Butanone
Concen: 3.185 ug/L m
RT: 3.944 min Scan# 90
Delta R.T. 0.048 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

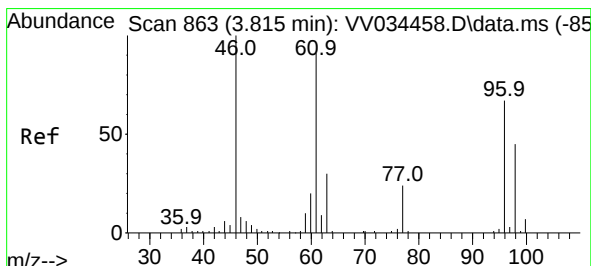
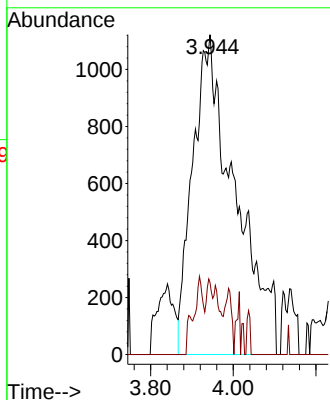
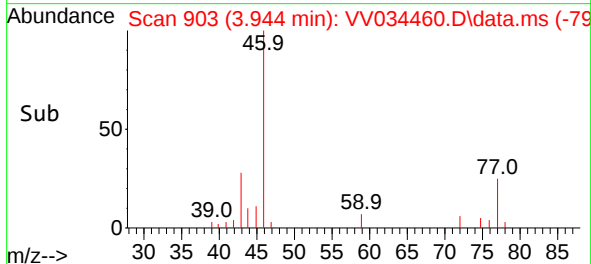
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 43 Resp: 7950
Ion Ratio Lower Upper
43 100
72 1.5 12.4 37.0

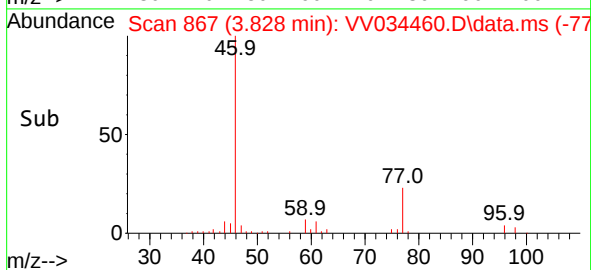
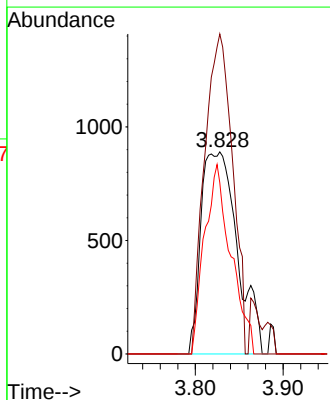
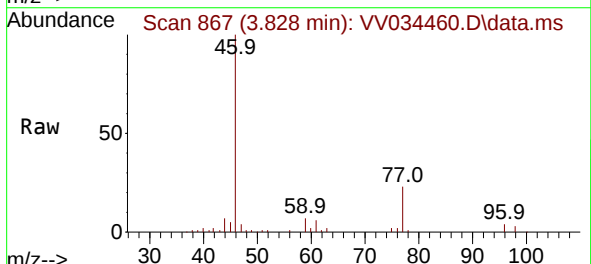
Manual Integrations
APPROVED

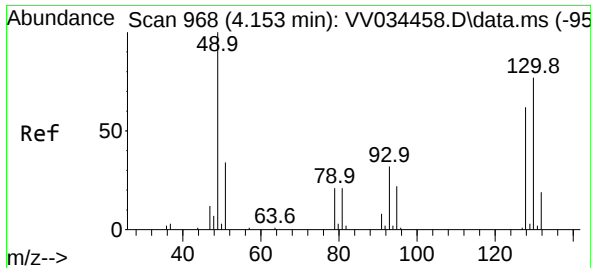
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#22
cis-1,2-Dichloroethene
Concen: 0.252 ug/L m
RT: 3.828 min Scan# 867
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

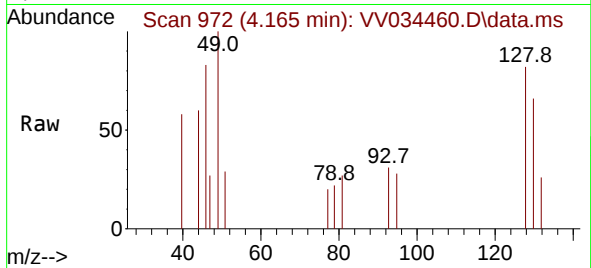
Tgt Ion: 96 Resp: 2601
Ion Ratio Lower Upper
96 100
61 158.3 89.7 166.5
98 84.7 42.0 78.0





#23
Bromochloromethane
Concen: 0.278 ug/L
RT: 4.165 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

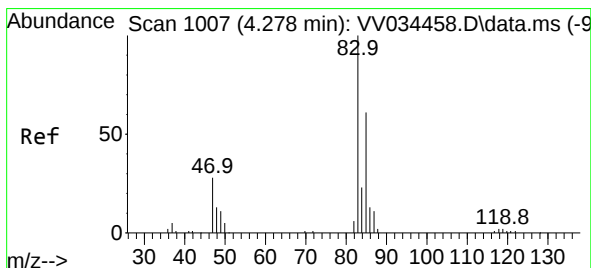
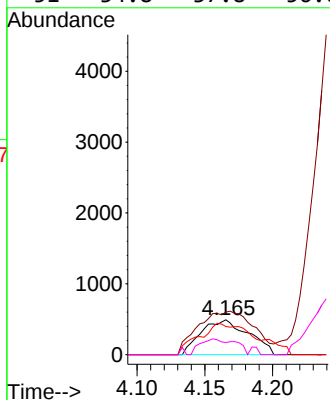
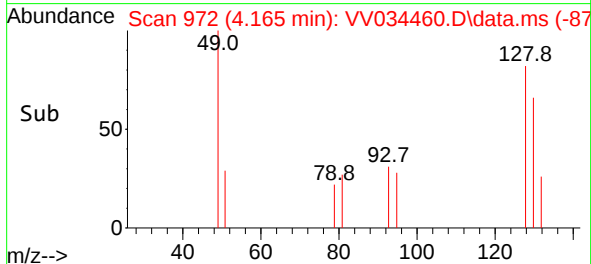
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
49 122.0 109.9 204.1
130 80.9 87.7 162.9
51 34.8 37.8 56.6#

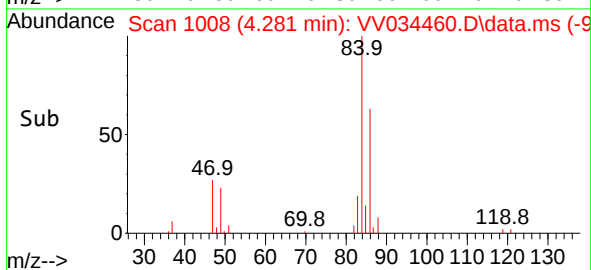
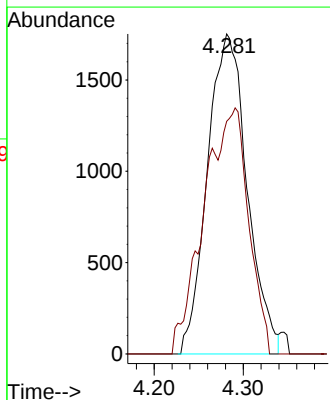
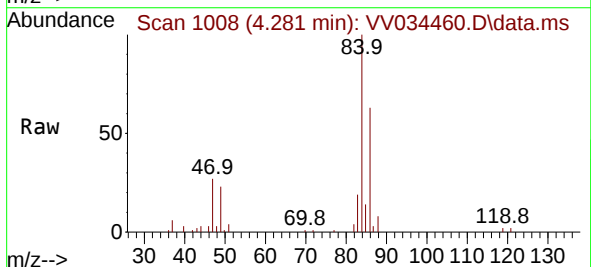
Manual Integrations
APPROVED

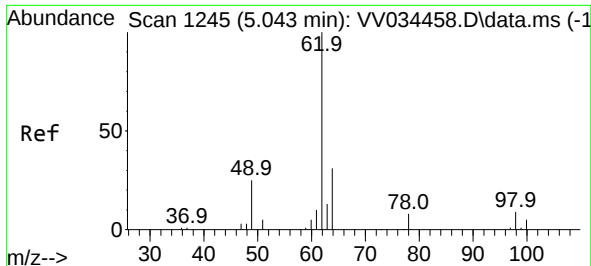
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#25
Chloroform
Concen: 0.289 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

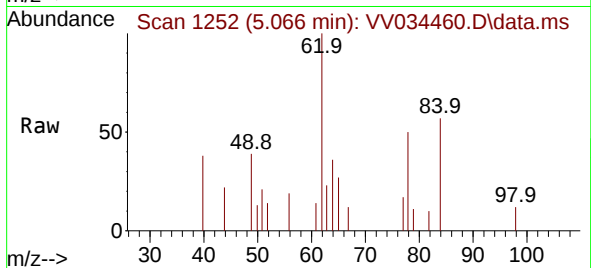
Tgt Ion: 83 Resp: 5431
Ion Ratio Lower Upper
83 100
85 72.7 47.0 87.4





#27
1,2-Dichloroethane
Concen: 0.266 ug/L
RT: 5.066 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

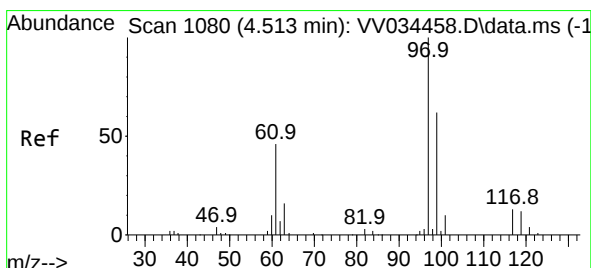
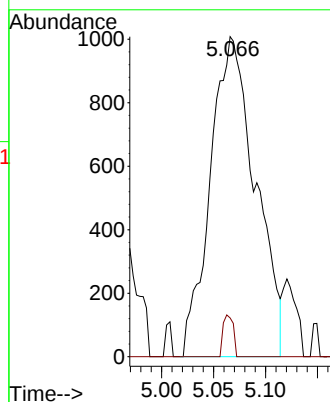
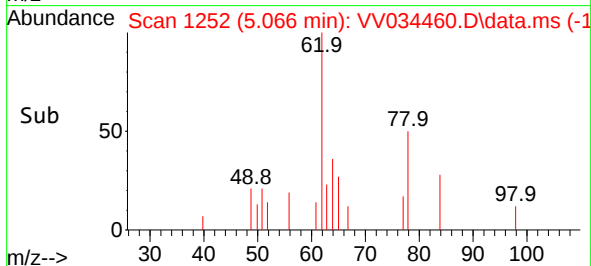
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 62 Resp: 304
Ion Ratio Lower Upper
62 100
98 12.1 7.0 10.6

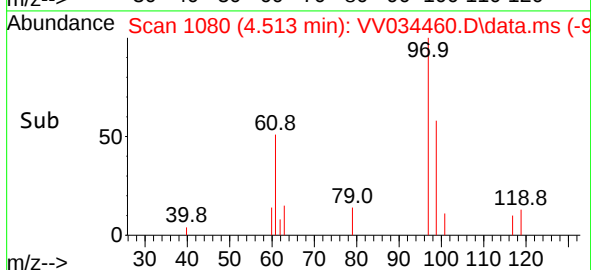
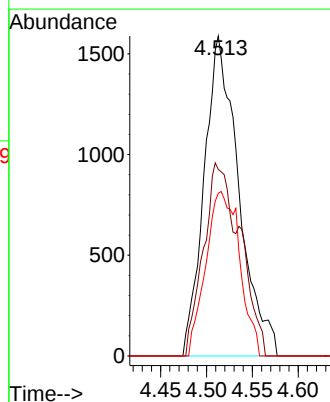
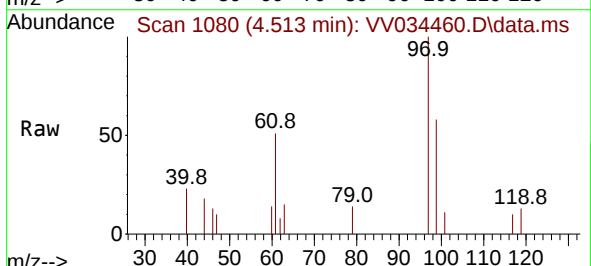
Manual Integrations
APPROVED

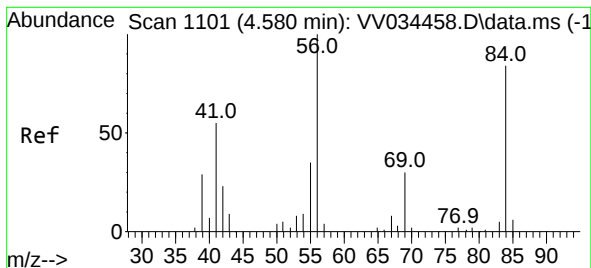
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#29
1,1,1-Trichloroethane
Concen: 0.236 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 97 Resp: 4165
Ion Ratio Lower Upper
97 100
99 49.0 51.2 76.8#
61 50.3 36.1 54.1





#30

Cyclohexane

Concen: 0.230 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

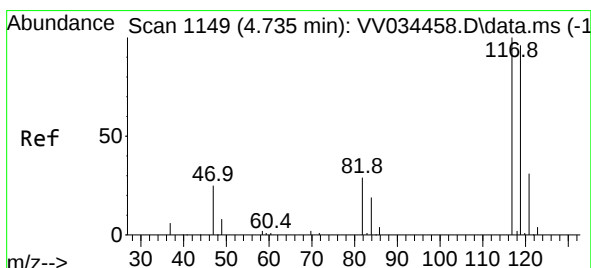
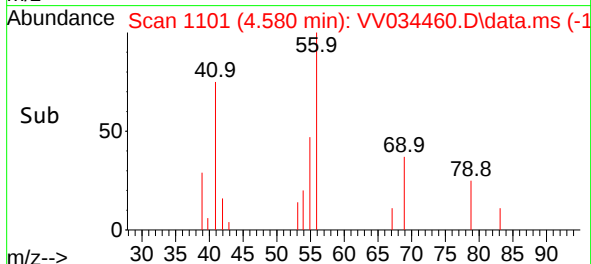
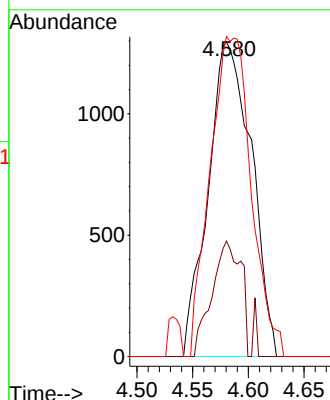
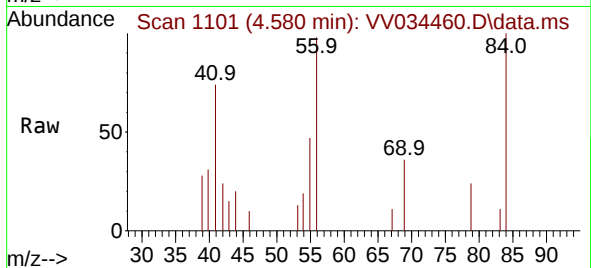
ClientSampleId :

MDL-WATER-QT1-2024-02

Tgt Ion: 56	Resp: 3498
Ion Ratio	Lower Upper
56	100
69	24.8 24.5 36.7
84	96.9 70.3 105.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#31

Carbon tetrachloride

Concen: 0.241 ug/L

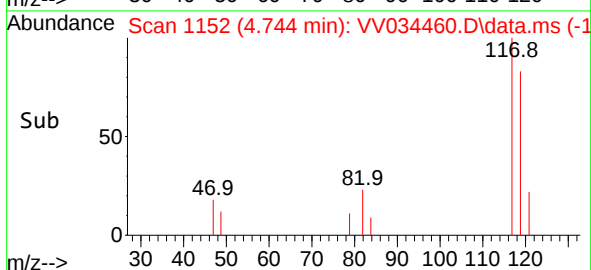
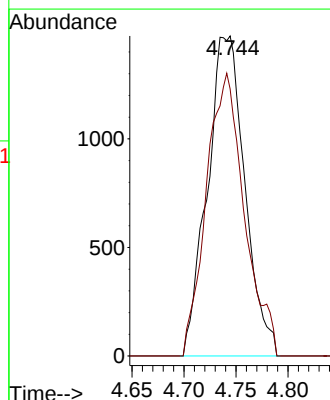
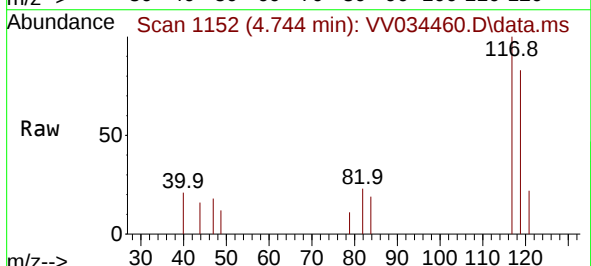
RT: 4.744 min Scan# 1152

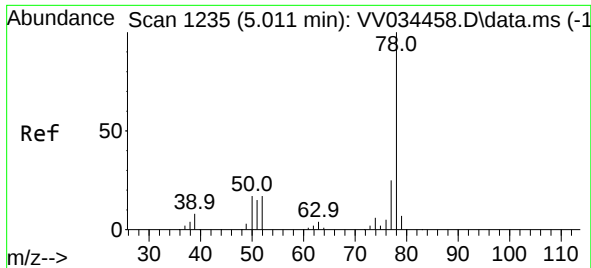
Delta R.T. 0.010 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Tgt Ion:117	Resp: 3700
Ion Ratio	Lower Upper
117	100
119	89.5 77.0 115.6





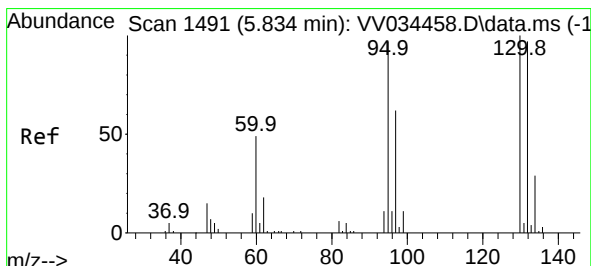
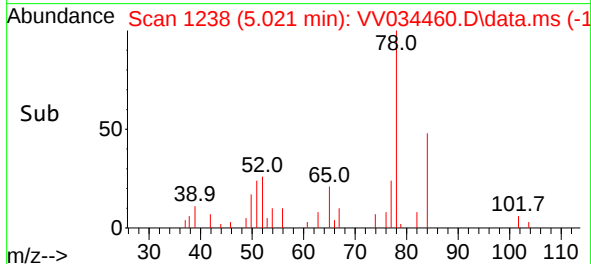
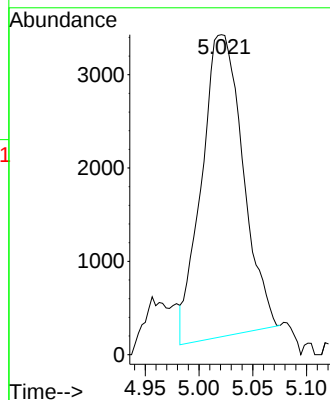
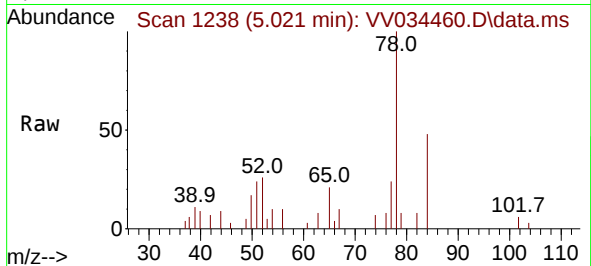
#33
Benzene
Concen: 0.222 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 78 Resp: 867

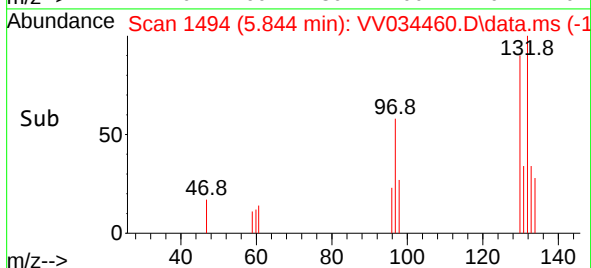
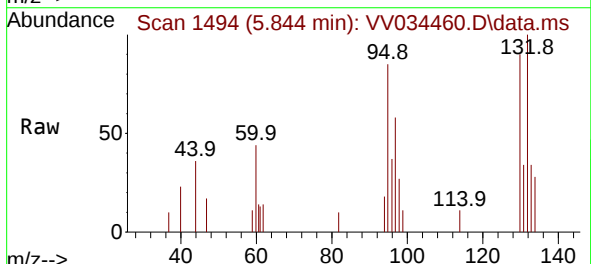
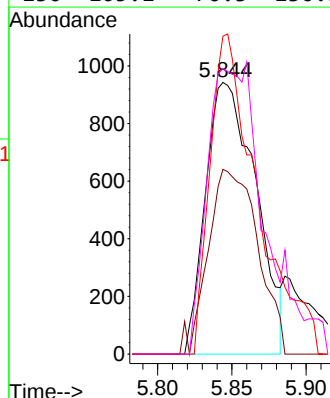
Manual Integrations
APPROVED

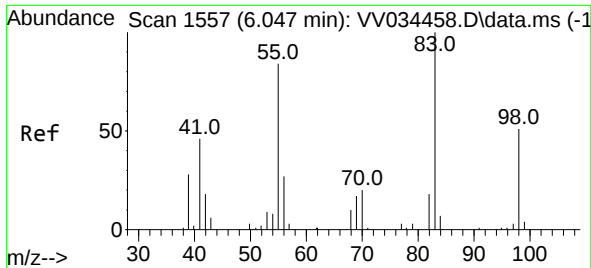
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#34
Trichloroethene
Concen: 0.217 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 95 Resp: 2213
Ion Ratio Lower Upper
95 100
97 68.0 43.3 80.5
132 117.0 67.8 126.0
130 105.1 70.3 130.5





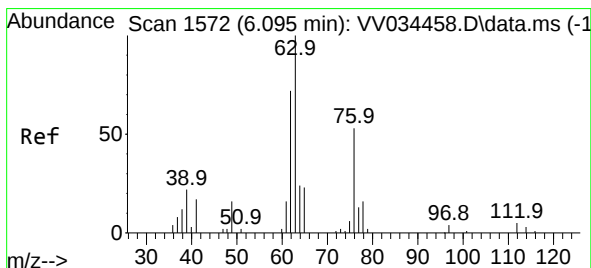
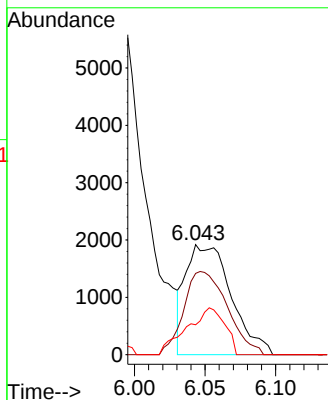
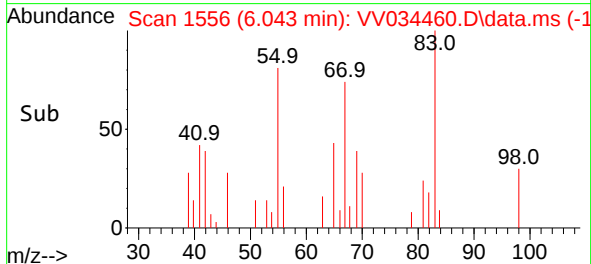
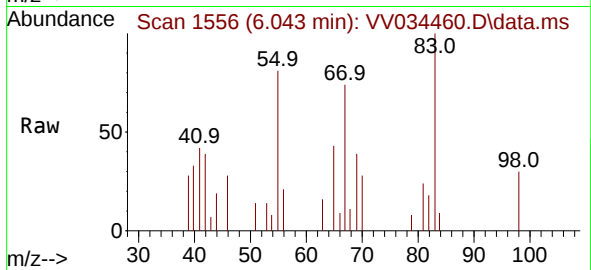
#35
Methylcyclohexane
Concen: 0.268 ug/L m
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT1-2024-02

Tgt Ion: 83 Resp: 4298
Ion Ratio Lower Upper
83 100
55 72.5 61.9 92.9
98 35.6 38.1 57.1

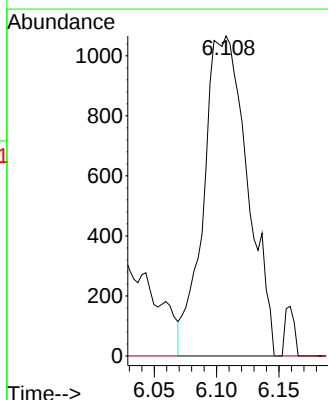
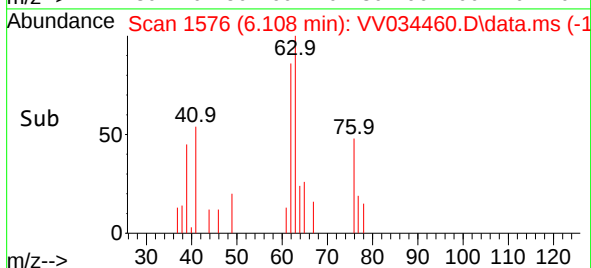
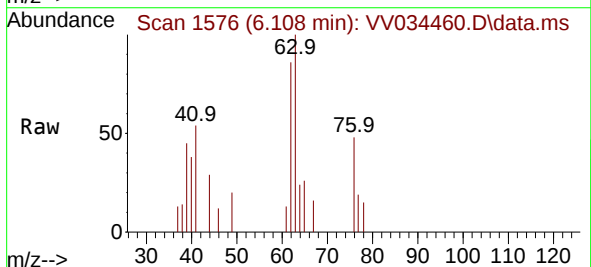
Manual Integrations
APPROVED

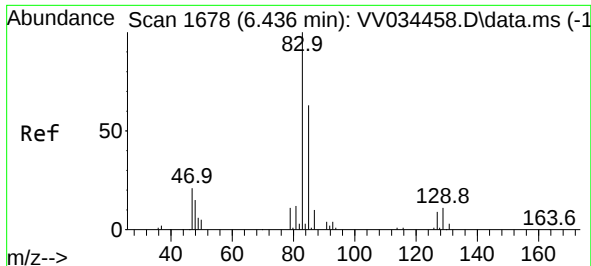
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#37
1,2-Dichloropropane
Concen: 0.270 ug/L
RT: 6.108 min Scan# 1576
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

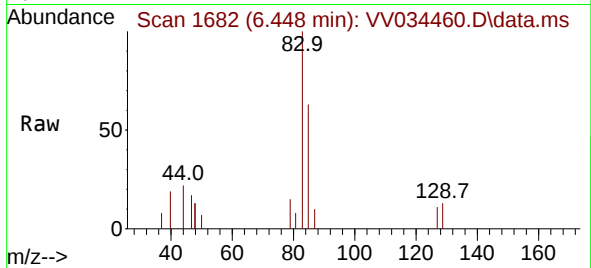
Tgt Ion: 63 Resp: 2608
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0





#38
Bromodichloromethane
Concen: 0.233 ug/L
RT: 6.448 min Scan# 1678
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

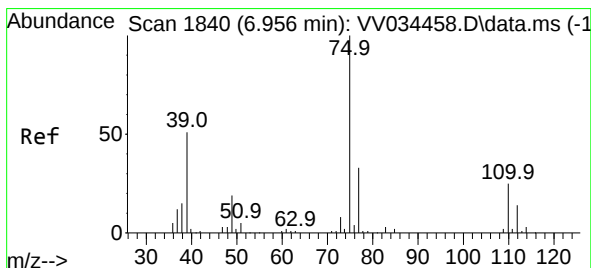
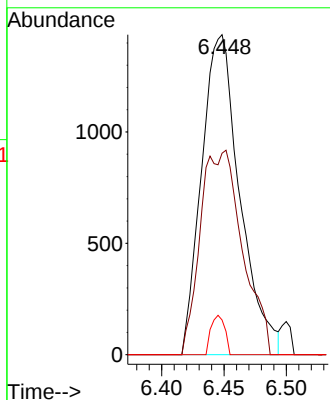
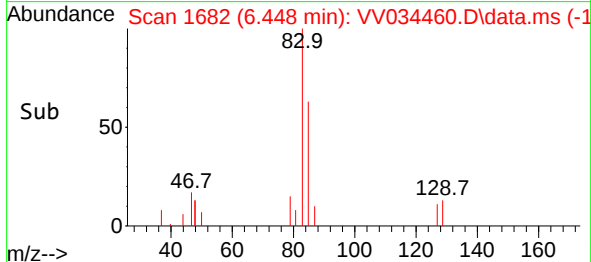
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 83 Resp: 307
Ion Ratio Lower Upper
83 100
85 63.0 45.4 84.2
127 10.9 6.8 10.2

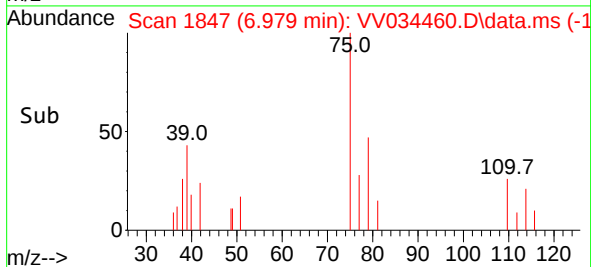
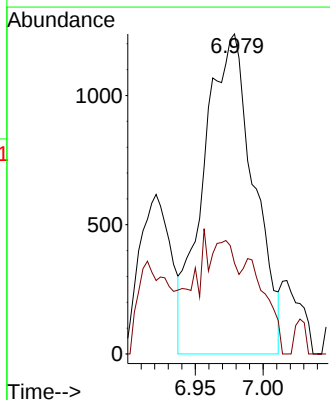
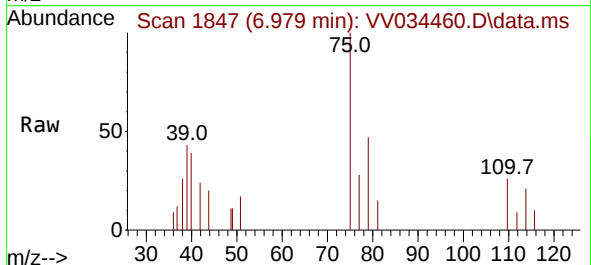
Manual Integrations
APPROVED

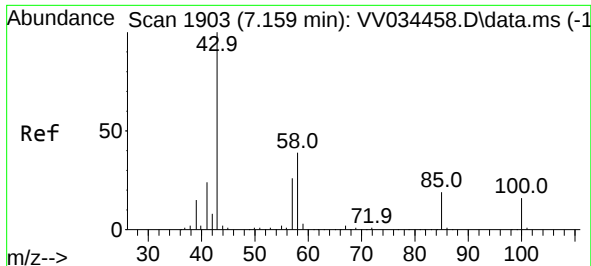
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#39
cis-1,3-Dichloropropene
Concen: 0.238 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. 0.022 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

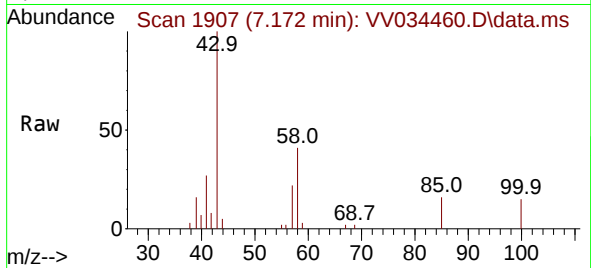
Tgt Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
77 28.4 21.5 39.9





#40
4-Methyl-2-pentanone
Concen: 2.188 ug/L
RT: 7.172 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

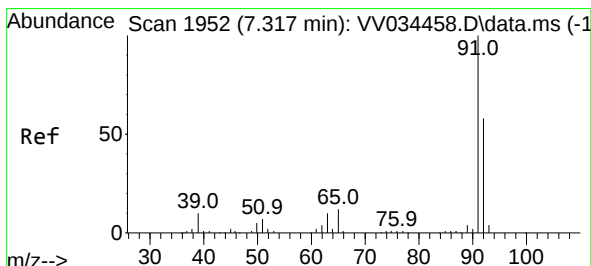
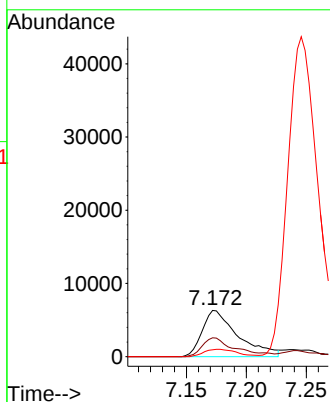
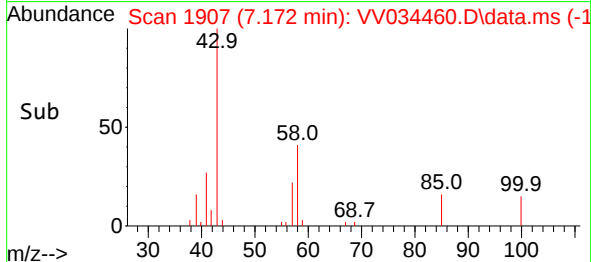
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



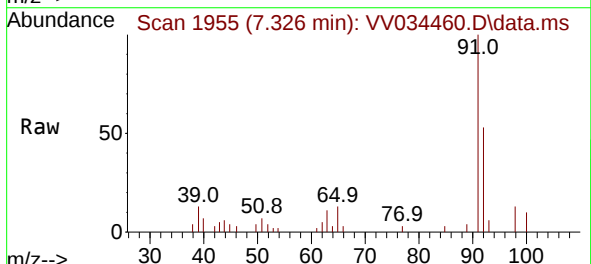
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
58 38.0 30.7 46.1
100 0.0 12.3 18.5

Manual Integrations
APPROVED

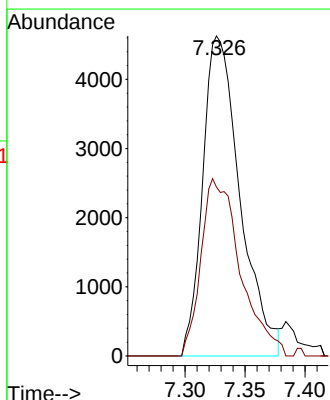
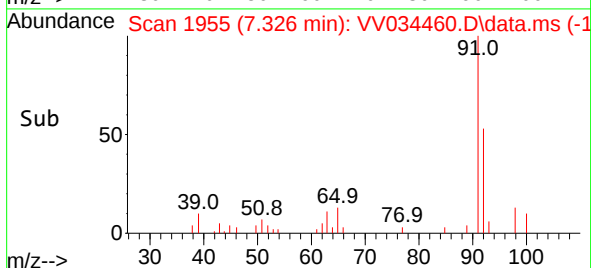
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024

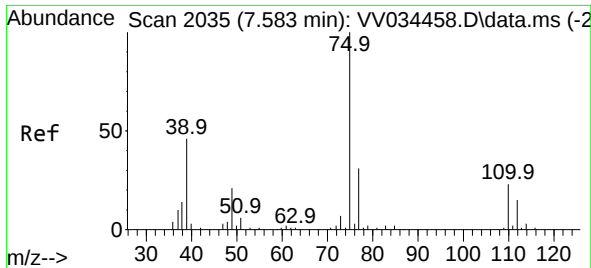


#42
Toluene
Concen: 0.244 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41



Tgt Ion: 91 Resp: 10017
Ion Ratio Lower Upper
91 100
92 52.8 40.5 75.3





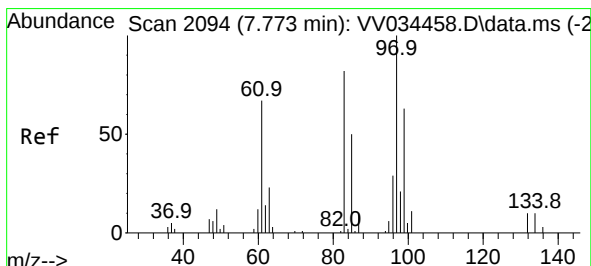
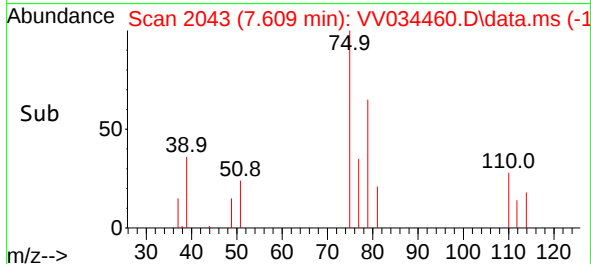
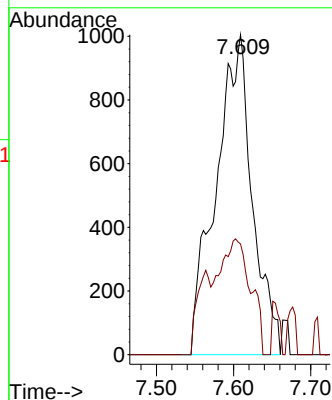
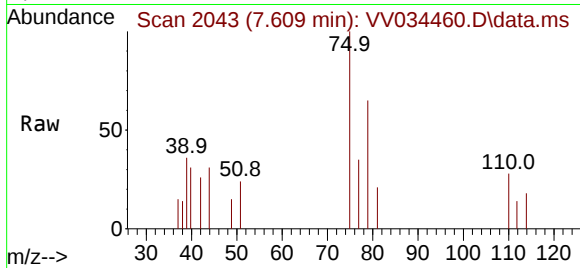
#44
trans-1,3-Dichloropropene
Concen: 0.303 ug/L m
RT: 7.609 min Scan# 2035
Delta R.T. 0.026 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion: 75 Resp: 329
Ion Ratio Lower Upper
75 100
77 34.6 22.7 42.1

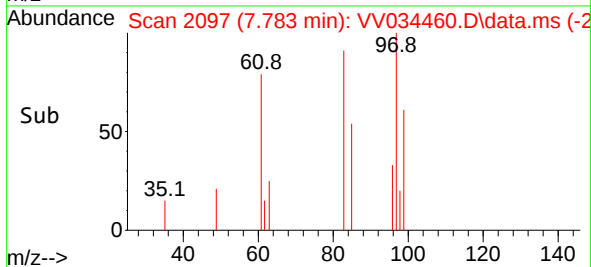
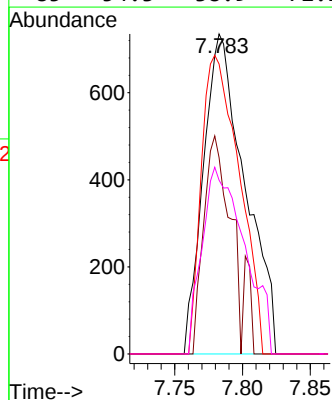
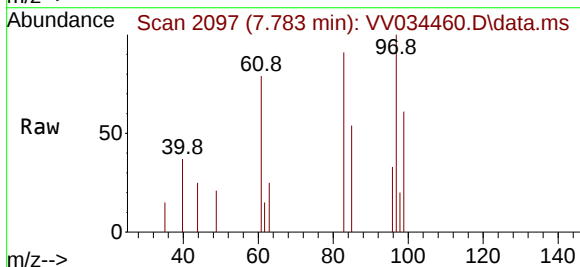
Manual Integrations
APPROVED

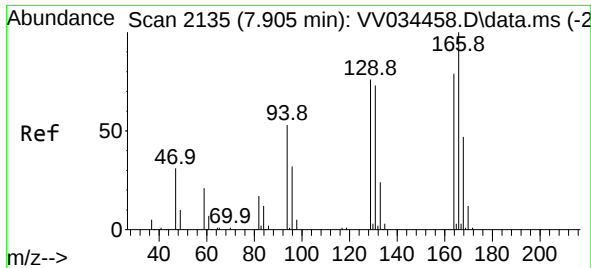
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#45
1,1,2-Trichloroethane
Concen: 0.238 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

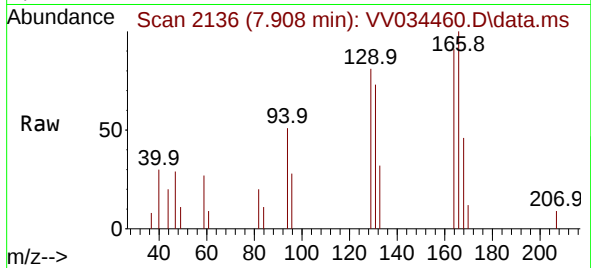
Tgt Ion: 97 Resp: 1567
Ion Ratio Lower Upper
97 100
99 61.4 43.3 80.5
83 90.6 57.9 107.5
85 54.3 38.9 72.2





#47
Tetrachloroethene
Concen: 0.276 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

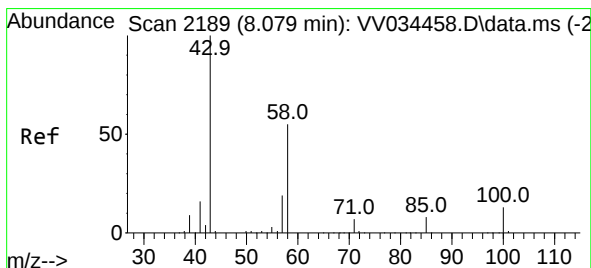
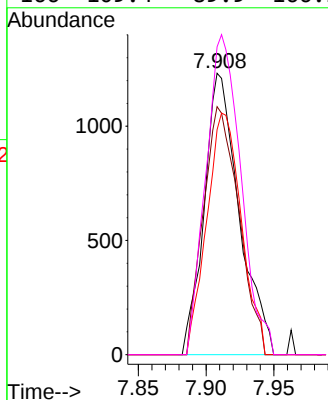
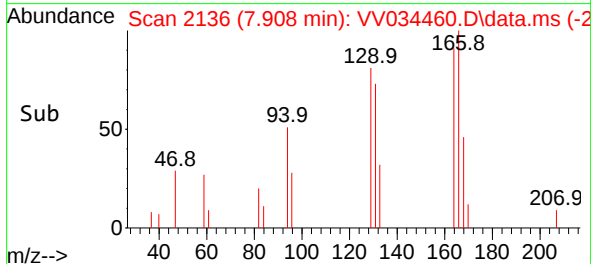
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT1-2024-02



Tgt Ion:164	Resp:	220	
Ion	Ratio	Lower	Upper
164	100		
129	88.1	64.2	119.2
131	80.0	65.9	122.3
166	109.4	89.9	166.9

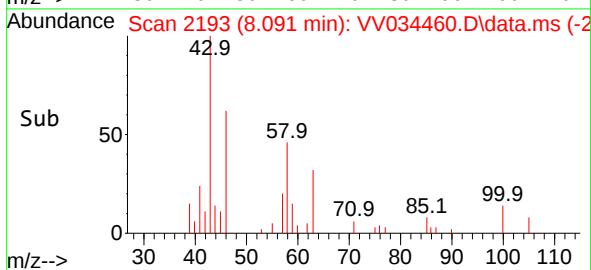
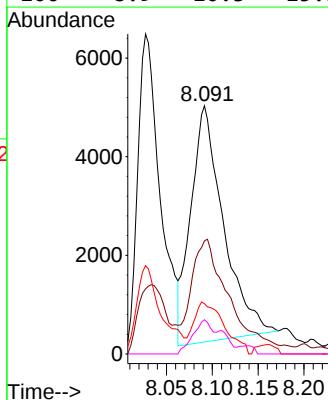
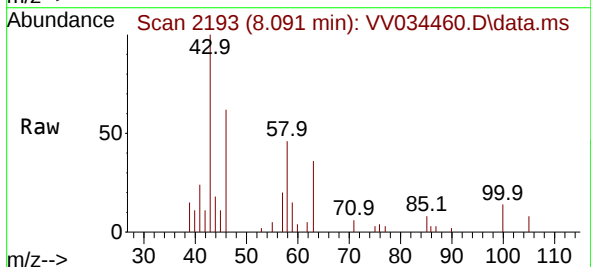
Manual Integrations
APPROVED

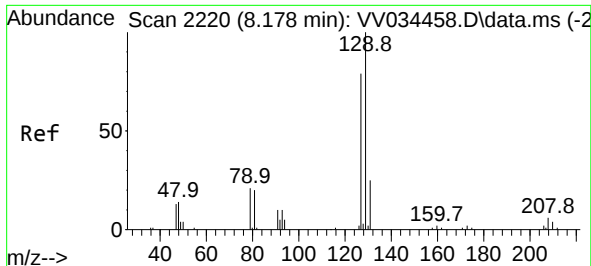
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#48
2-Hexanone
Concen: 2.792 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 43	Resp:	11888	
Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.4	65.0
57	20.3	15.5	23.3
100	8.9	10.3	15.5#





#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2024-02

Tgt Ion:129 Resp: 1649

Ion Ratio Lower Upper

129 100

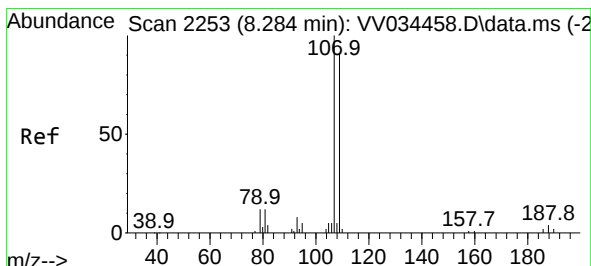
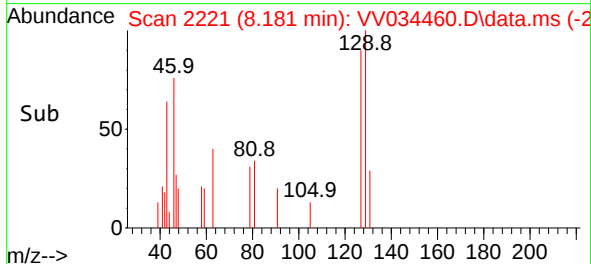
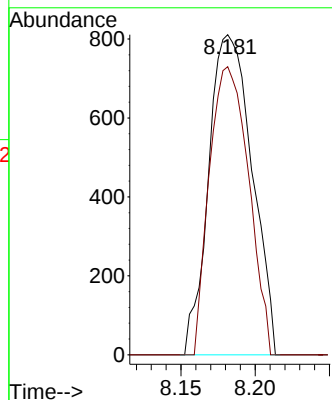
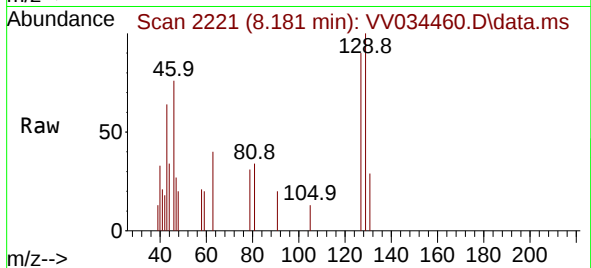
127 90.0 54.0 100.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/29/2024

Supervised By :Semsettin Yesilyurt 02/29/2024



#50

1,2-Dibromoethane

Concen: 0.256 ug/L

RT: 8.297 min Scan# 2257

Delta R.T. 0.013 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

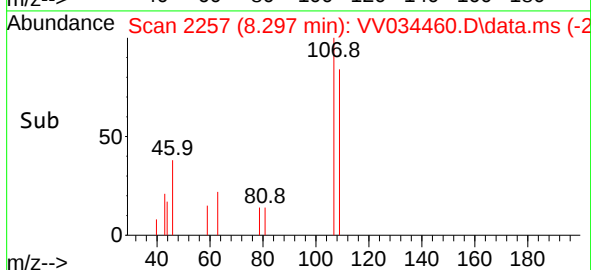
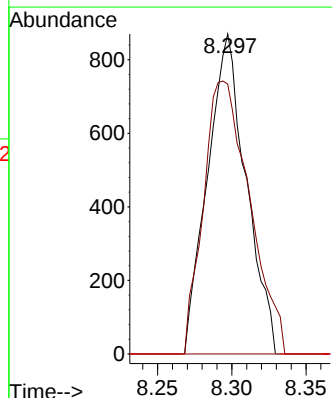
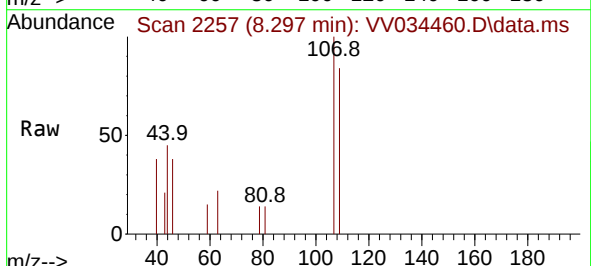
Tgt Ion:107 Resp: 1572

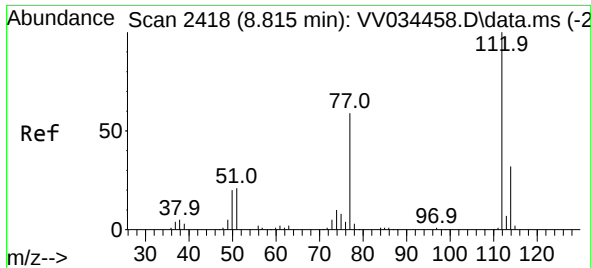
Ion Ratio Lower Upper

107 100

109 84.4 63.8 118.4

188 0.0 3.1 4.7#





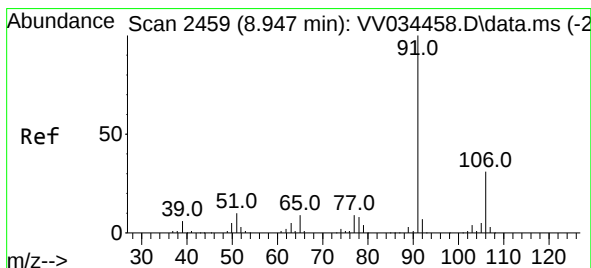
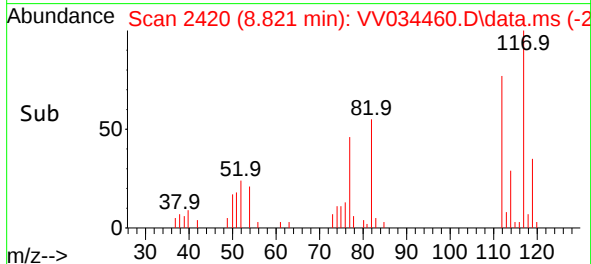
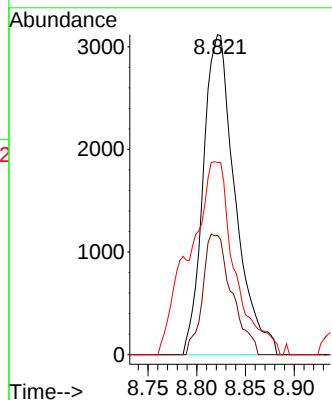
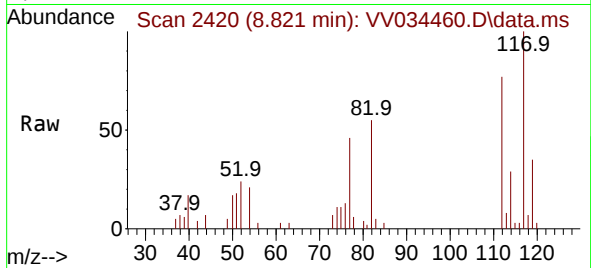
#51
Chlorobenzene
Concen: 0.266 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:112 Resp: 7098
Ion Ratio Lower Upper
112 100
114 37.4 22.5 41.9
77 68.5 45.4 68.2

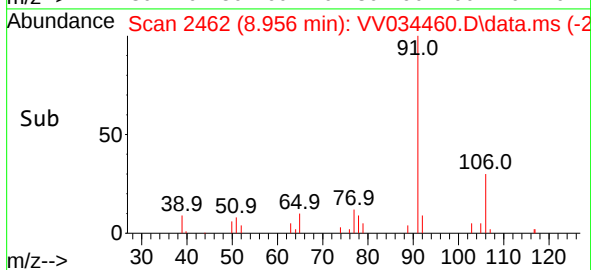
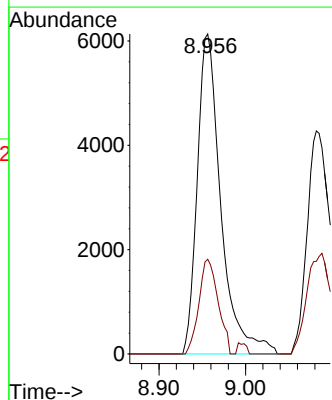
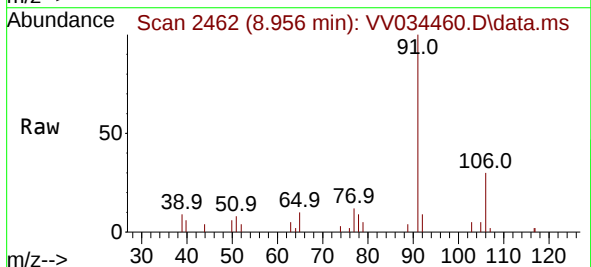
Manual Integrations
APPROVED

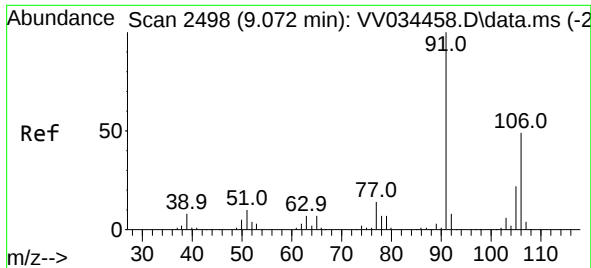
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#52
Ethylbenzene
Concen: 0.251 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 91 Resp: 11606
Ion Ratio Lower Upper
91 100
106 29.6 21.4 39.8





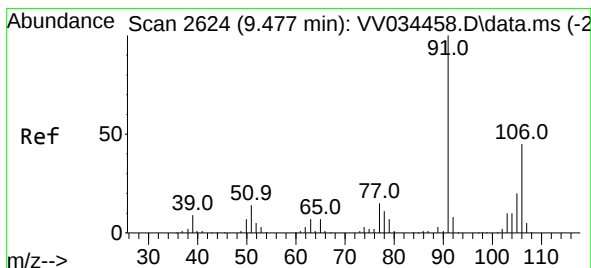
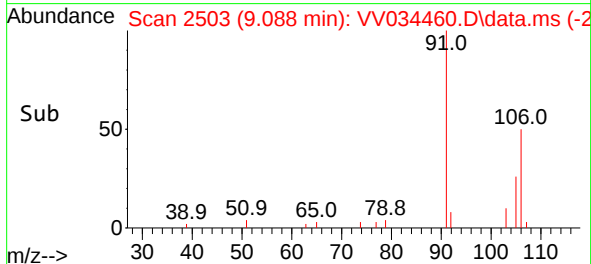
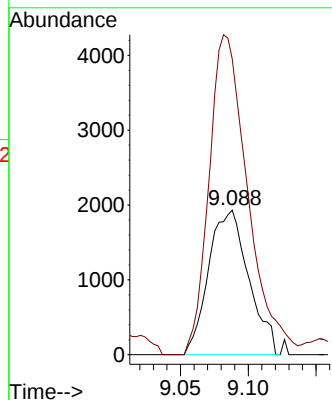
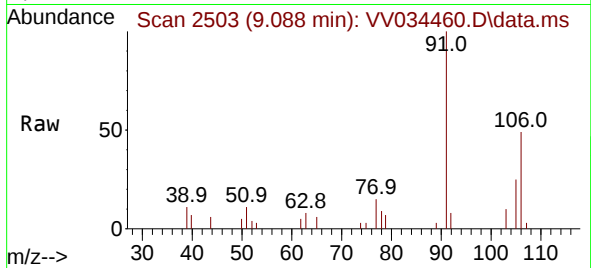
#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.088 min Scan# 2498
Delta R.T. 0.016 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:106 Resp: 3975
Ion Ratio Lower Upper
106 100
91 204.9 148.5 275.9

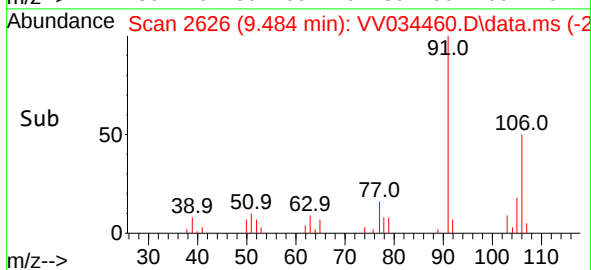
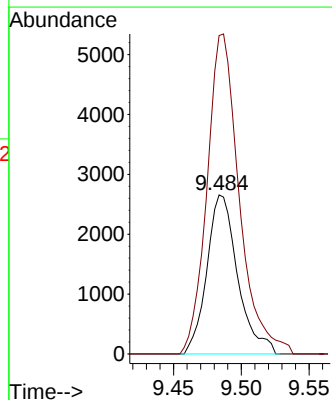
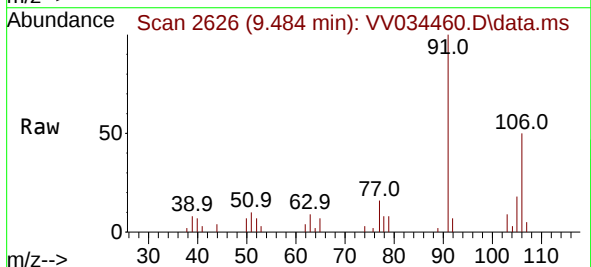
Manual Integrations
APPROVED

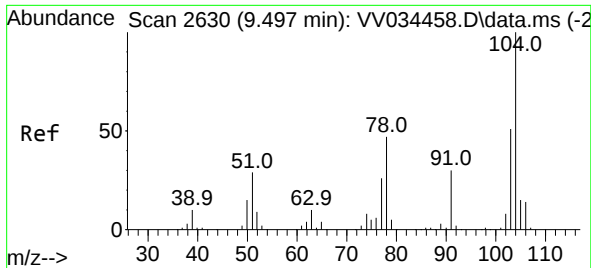
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#54
o-Xylene
Concen: 0.244 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:106 Resp: 4195
Ion Ratio Lower Upper
106 100
91 200.2 155.8 289.3





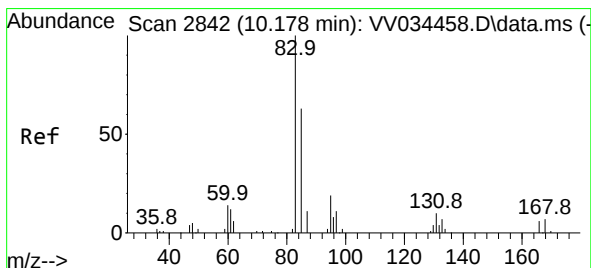
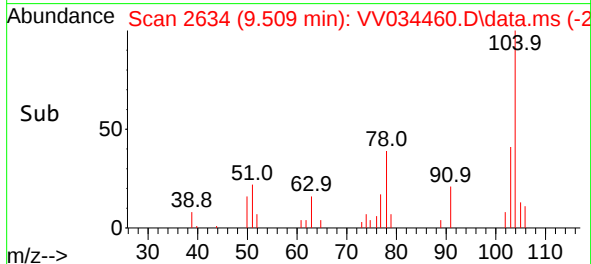
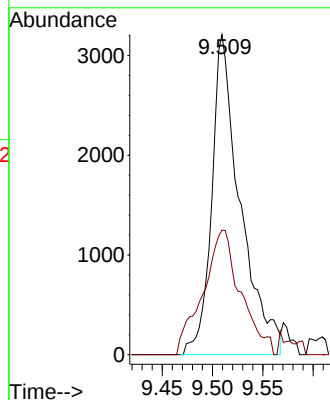
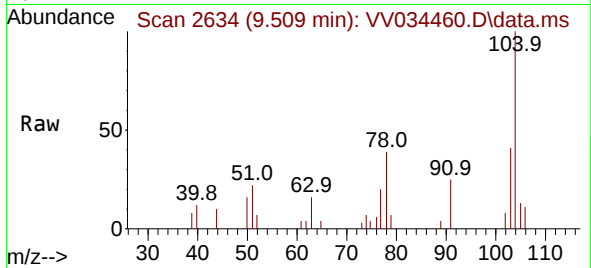
#55
Styrene
Concen: 0.229 ug/L
RT: 9.509 min Scan# 2630
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02

Tgt Ion:104 Resp: 631
Ion Ratio Lower Upper
104 100
78 38.9 32.9 61.1

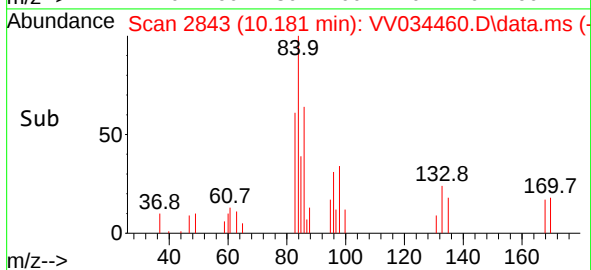
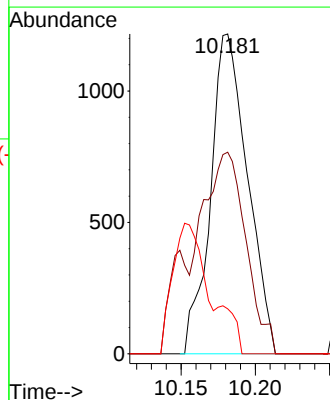
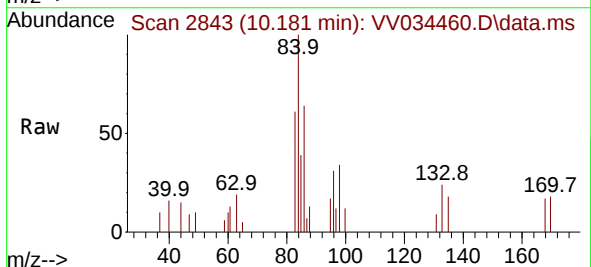
Manual Integrations
APPROVED

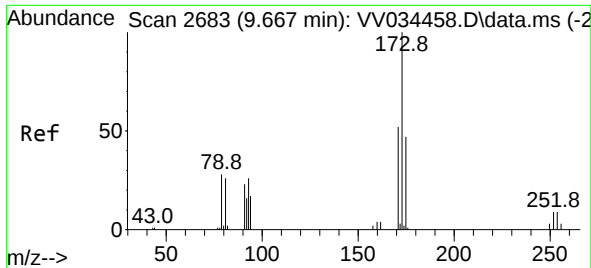
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.268 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

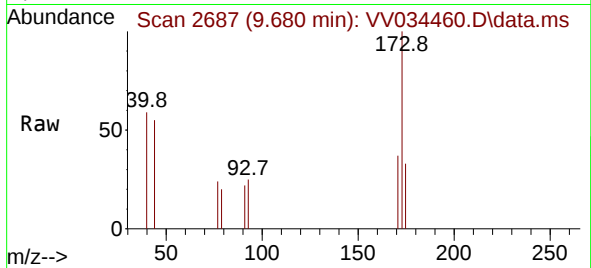
Tgt Ion: 83 Resp: 2111
Ion Ratio Lower Upper
83 100
85 63.0 46.7 86.7
131 14.1 8.6 12.8#





#59
Bromoform
Concen: 0.177 ug/L
RT: 9.680 min Scan# 2687
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

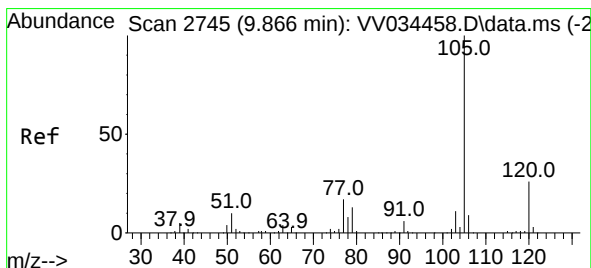
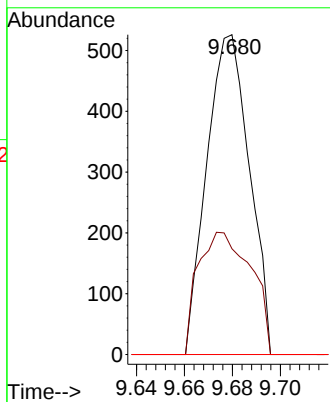
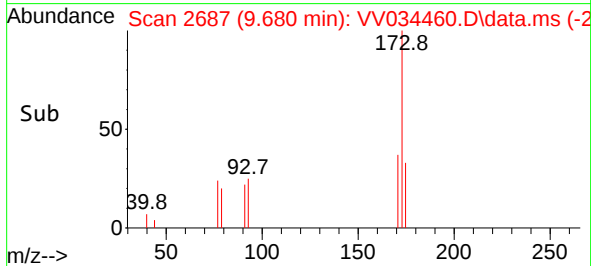
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



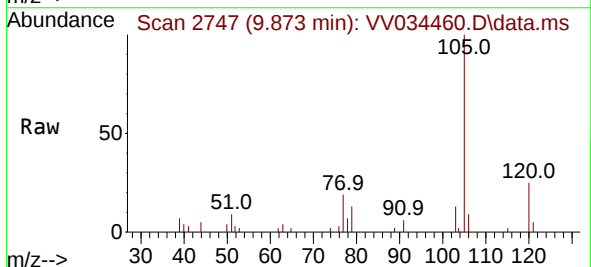
Tgt Ion:173 Resp: 650
Ion Ratio Lower Upper
173 100
175 47.4 38.9 58.3
254 0.0 7.8 11.6

Manual Integrations
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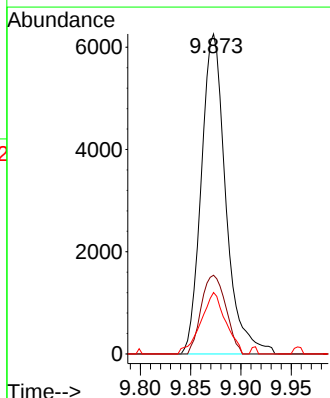
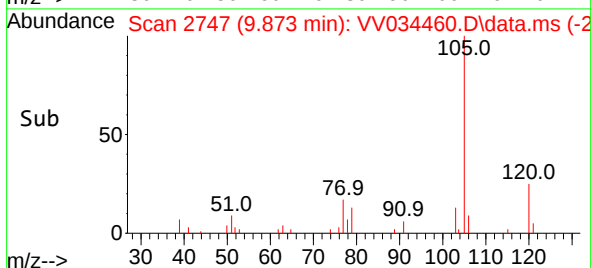
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024

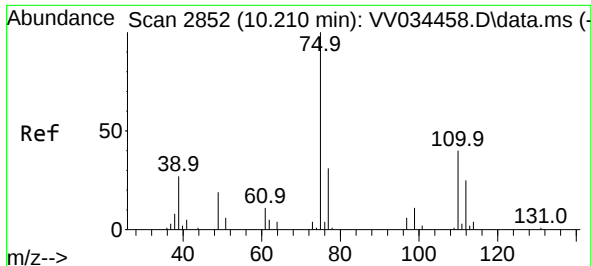


#60
Isopropylbenzene
Concen: 0.246 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41



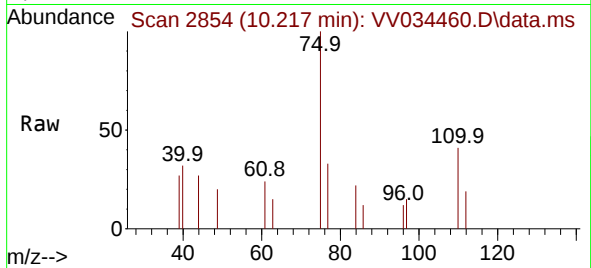
Tgt Ion:105 Resp: 10592
Ion Ratio Lower Upper
105 100
120 24.7 21.3 31.9
77 19.4 13.0 19.4





#61
1,2,3-Trichloropropane
Concen: 0.294 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

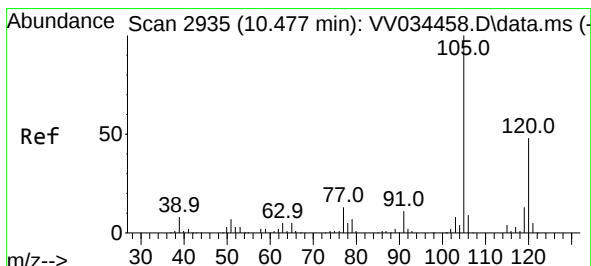
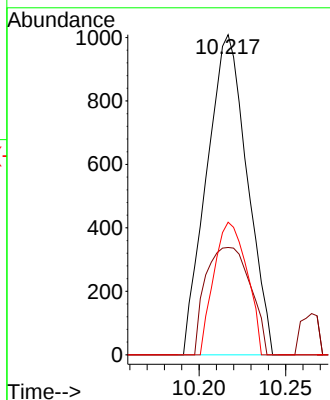
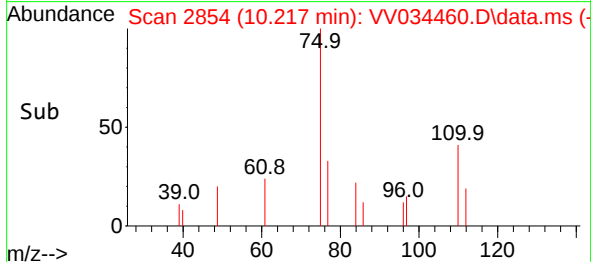
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



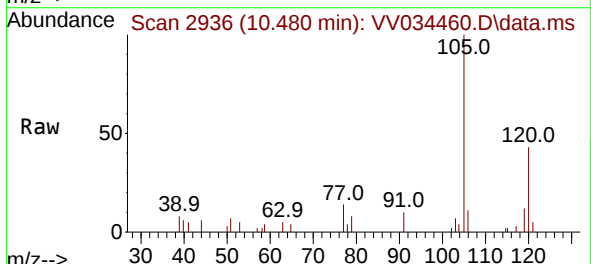
Tgt Ion: 75 Resp: 163
Ion Ratio Lower Upper
75 100
77 37.1 27.7 41.5
110 33.8 32.0 48.0

Manual Integrations
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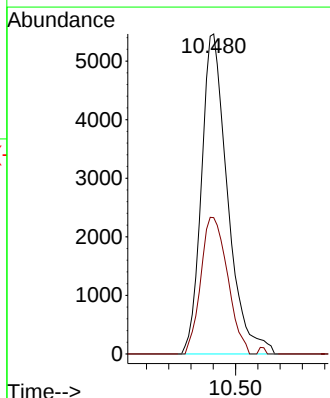
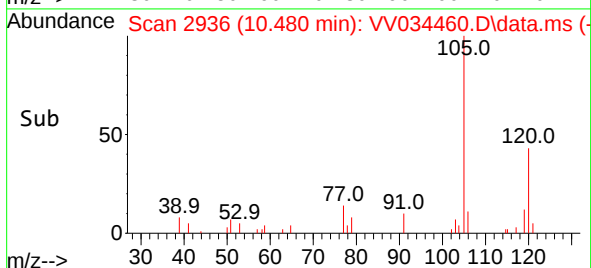
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024

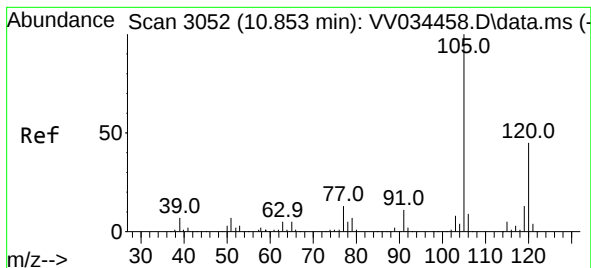


#62
1,3,5-Trimethylbenzene
Concen: 0.235 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41



Tgt Ion:105 Resp: 8863
Ion Ratio Lower Upper
105 100
120 43.8 38.7 58.1





#63

1,2,4-Trimethylbenzene

Concen: 0.226 ug/L

RT: 10.857 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2024-02

Tgt Ion:105 Resp: 8514

Ion Ratio Lower Upper

105 100

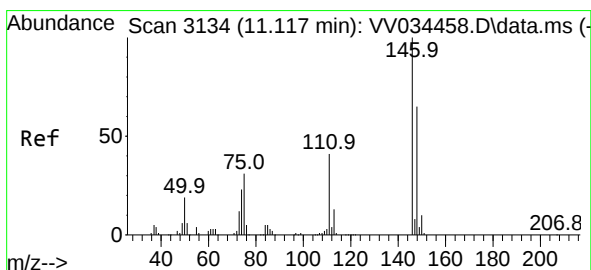
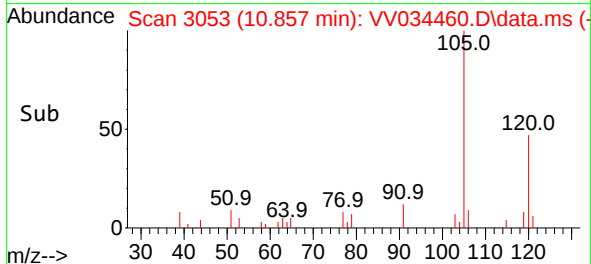
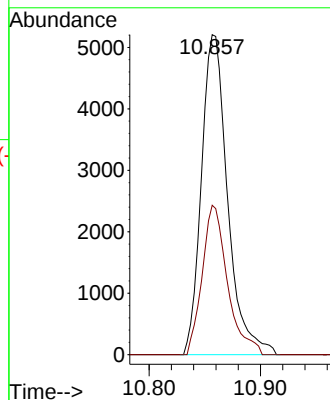
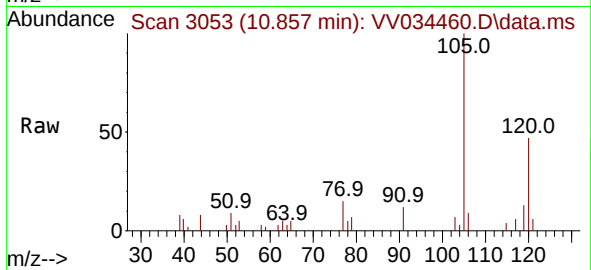
120 45.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/29/2024

Supervised By :Semsettin Yesilyurt 02/29/2024



#64

1,3-Dichlorobenzene

Concen: 0.254 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.010 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

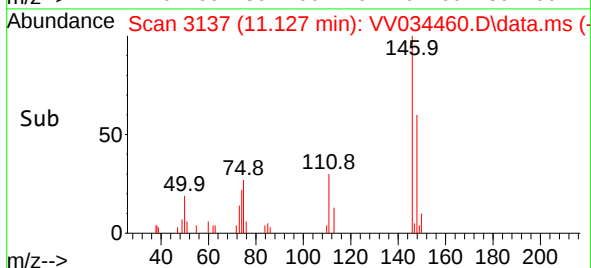
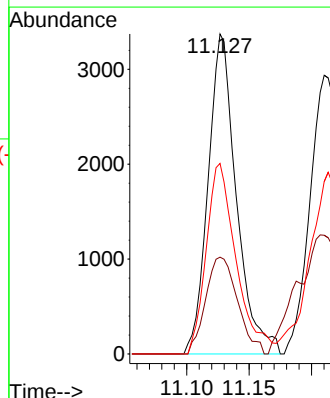
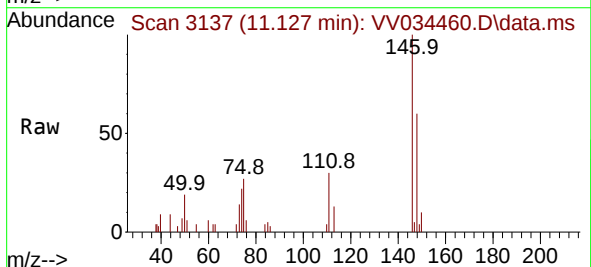
Tgt Ion:146 Resp: 5331

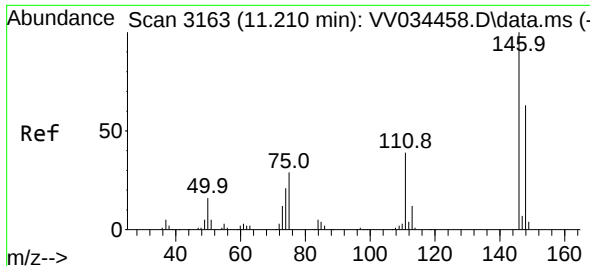
Ion Ratio Lower Upper

146 100

111 30.3 27.0 50.2

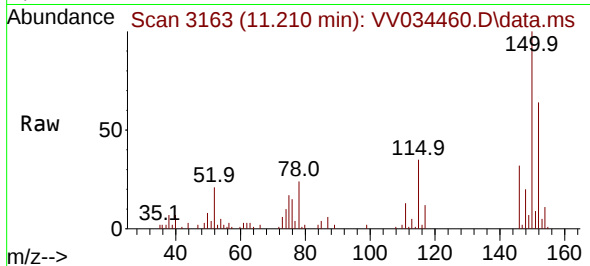
148 59.6 43.1 80.1





#65
1,4-Dichlorobenzene
Concen: 0.278 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

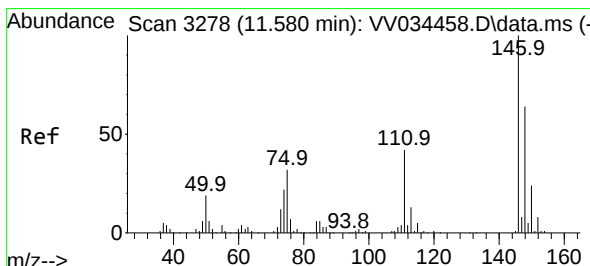
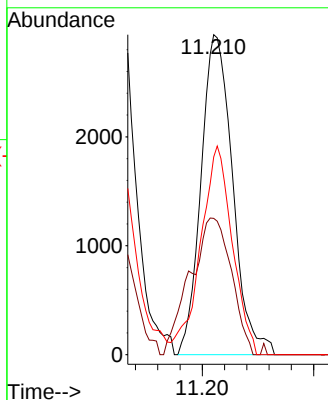
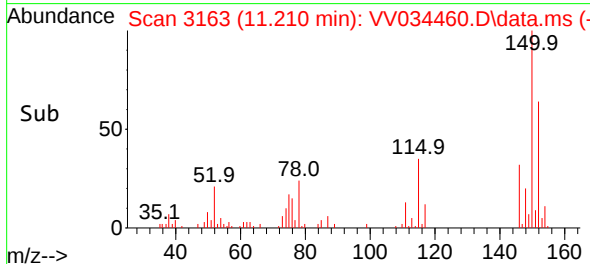
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



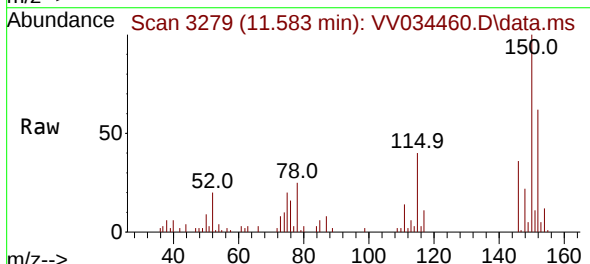
Tgt Ion:146 Resp: 5790
Ion Ratio Lower Upper
146 100
111 42.6 27.2 50.6
148 61.8 43.5 80.9

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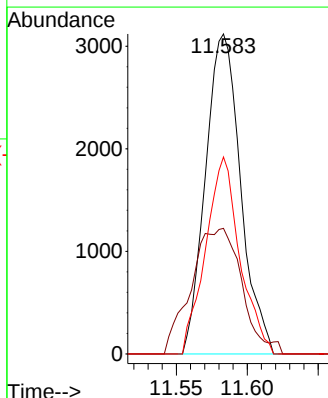
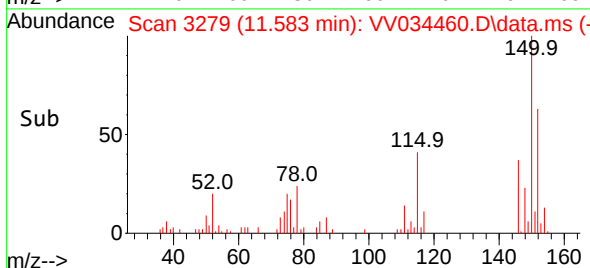
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024

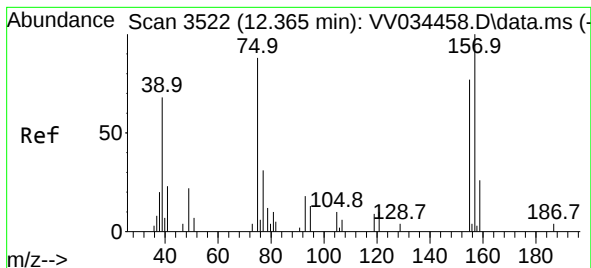


#67
1,2-Dichlorobenzene
Concen: 0.274 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41



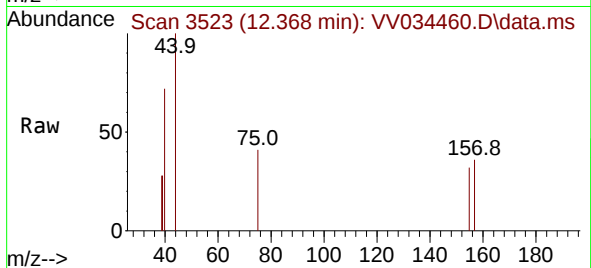
Tgt Ion:146 Resp: 5373
Ion Ratio Lower Upper
146 100
111 39.2 32.2 48.4
148 61.6 49.7 74.5





#68
1,2-Dibromo-3-chloropropane
Concen: 0.188 ug/L
RT: 12.368 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

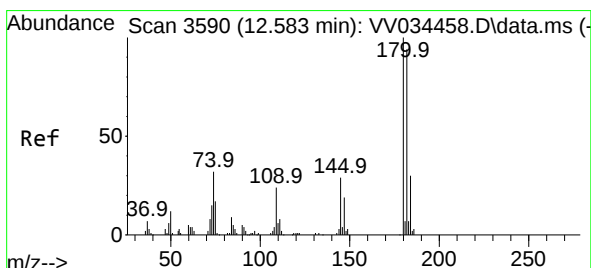
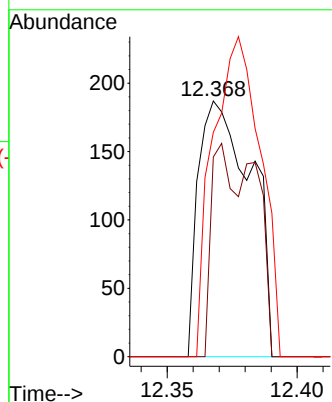
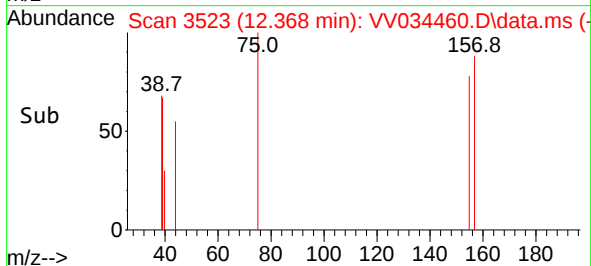
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion: 75 Resp: 264
Ion Ratio Lower Upper
75 100
155 78.1 60.0 90.0
157 87.7 78.6 117.8

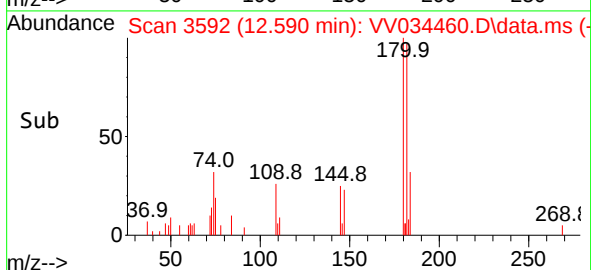
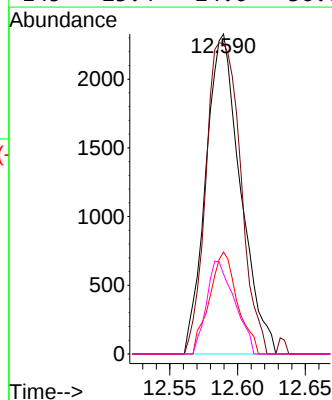
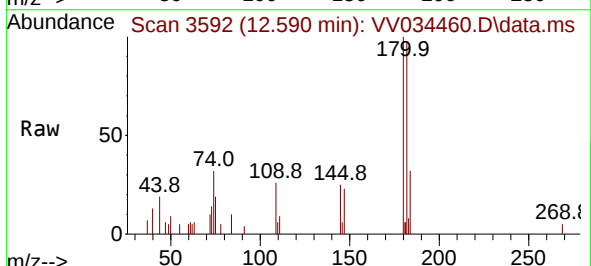
Manual Integrations
APPROVED

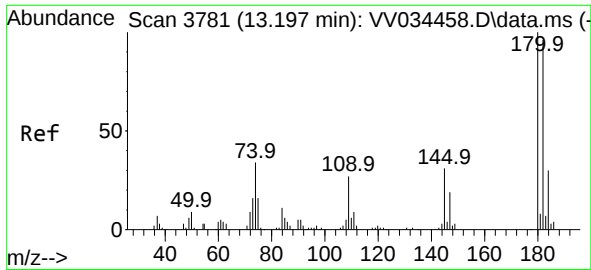
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#69
1,3,5-Trichlorobenzene
Concen: 0.258 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

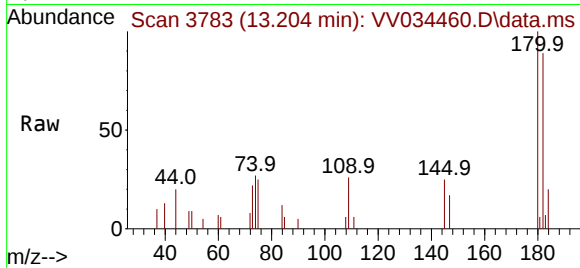
Tgt Ion:180 Resp: 4141
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.6
184 25.8 23.8 35.8
145 23.4 24.0 36.0#





#70
1,2,4-trichlorobenzene
Concen: 0.270 ug/L
RT: 13.204 min Scan# 3781
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

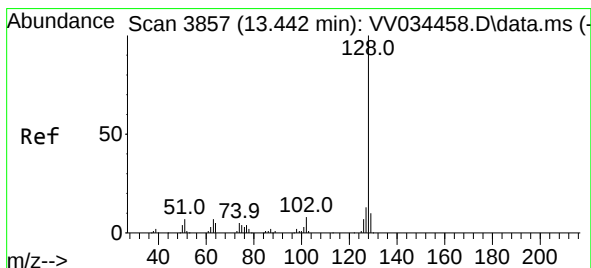
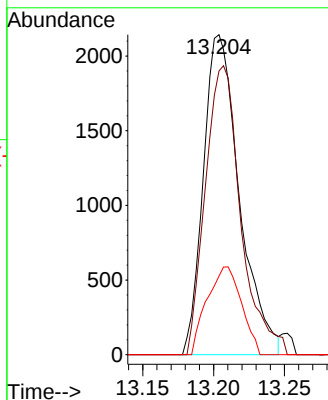
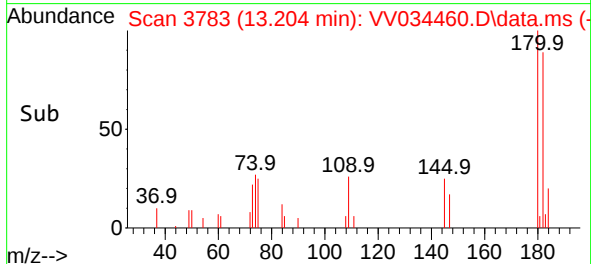
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2024-02



Tgt Ion:180 Resp: 3794
Ion Ratio Lower Upper
180 100
182 88.5 75.3 112.9
145 26.2 23.6 35.4

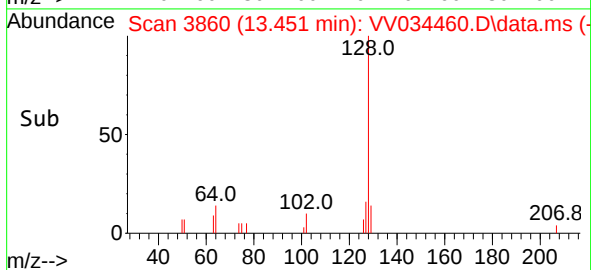
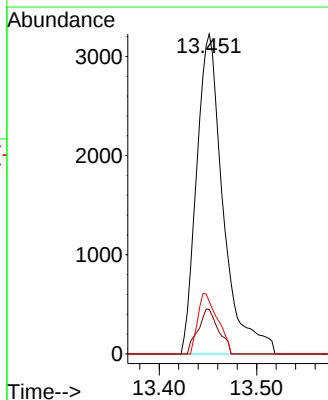
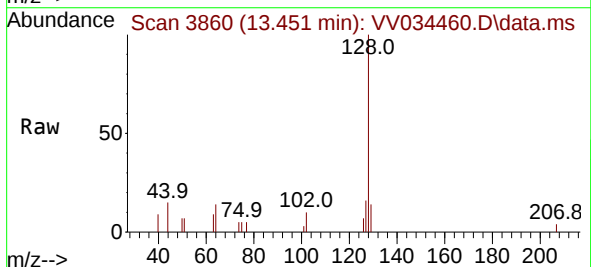
Manual Integrations
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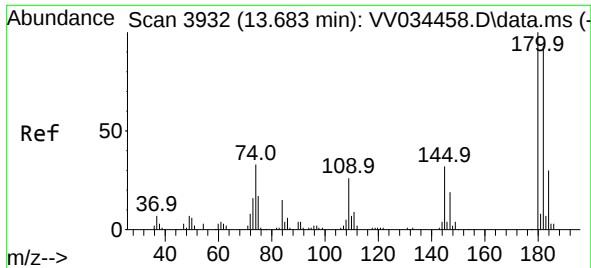
Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024



#71
Naphthalene
Concen: 0.255 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:128 Resp: 6114
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 14.0 10.4 15.6





#72

1,2,3-Trichlorobenzene

Concen: 0.253 ug/L

RT: 13.692 min Scan# 3935

Delta R.T. 0.010 min

Lab File: VV034460.D

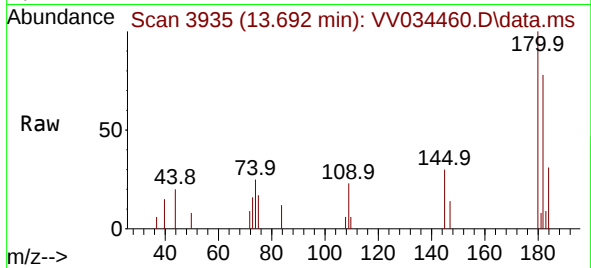
Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT1-2024-02



Tgt Ion:	180	Resp:	318
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.1	114.1
145	36.4	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/29/2024
Supervised By :Semsettin Yesilyurt 02/29/2024

