

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091124\
 Data File : VV037251.D
 Acq On : 11 Sep 2024 11:45
 Operator : SY/MD
 Sample : P3391-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2024-06

Quant Time: Sep 12 02:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	338945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83853	4.298	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.529	69	91004	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.053	65	43942	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	3.834	46	279098	47.864	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.720%
24) Chloroform-d	4.243	84	213655	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.940	65	103494	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.953	84	417355	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.985	67	138303	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.239	98	350958	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.561	79	37431	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.027	63	207940	45.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106173	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	134861	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7221	0.234	ug/L	97
3) Chloromethane	1.214	50	8514	0.258	ug/L	100
5) Vinyl chloride	1.278	62	7885	0.243	ug/L #	73
6) Bromomethane	1.487	94	4961	0.255	ug/L	93
8) Chloroethane	1.545	64	4795	0.246	ug/L	90
9) Trichlorofluoromethane	1.709	101	9643	0.239	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6455	0.264	ug/L	92
12) 1,1-Dichloroethene	2.063	96	6507	0.279	ug/L #	1
14) Carbon disulfide	2.233	76	16300	0.222	ug/L	96
15) Methyl Acetate	2.420	43	2200m	0.237	ug/L	
16) Methylene chloride	2.442	84	10374	0.387	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	11981	0.216	ug/L #	92
18) trans-1,2-Dichloroethene	2.693	96	5802	0.237	ug/L	91
19) 1,1-Dichloroethane	3.111	63	10452	0.223	ug/L	95
21) 2-Butanone	3.953	43	17233m	2.793	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	5649	0.213	ug/L	98
23) Bromochloromethane	4.156	128	2815	0.245	ug/L	76
25) Chloroform	4.268	83	13892	0.295	ug/L	93
27) 1,2-Dichloroethane	5.069	62	6235m	0.234	ug/L	

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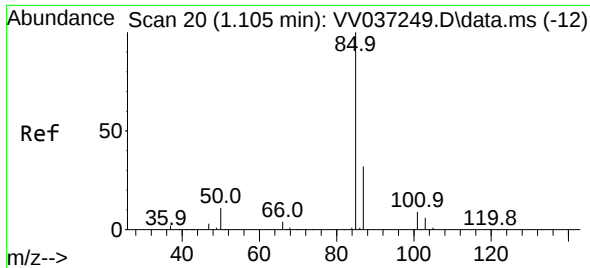
Manual Integrations
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 Supervised By :Mahesh Dadoda 09/12/2024

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.506	97	8983	0.224	ug/L	96
30) Cyclohexane	4.571	56	8599	0.221	ug/L	96
31) Carbon tetrachloride	4.738	117	7584	0.222	ug/L	96
33) Benzene	5.011	78	23545m	0.231	ug/L	
34) Trichloroethene	5.844	95	7132	0.259	ug/L	85
35) Methylcyclohexane	6.047	83	9179m	0.219	ug/L	
37) 1,2-Dichloropropane	6.104	63	6032	0.232	ug/L	98
38) Bromodichloromethane	6.448	83	7498	0.231	ug/L	86
39) cis-1,3-Dichloropropene	6.969	75	8835m	0.235	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	31925m	2.146	ug/L	
42) Toluene	7.323	91	22956	0.216	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	7643	0.252	ug/L	91
45) 1,1,2-Trichloroethane	7.783	97	3947m	0.212	ug/L	
47) Tetrachloroethene	7.902	164	4809	0.244	ug/L	93
48) 2-Hexanone	8.088	43	41353m	3.803	ug/L	
49) Dibromochloromethane	8.175	129	4098	0.210	ug/L	95
50) 1,2-Dibromoethane	8.288	107	4029	0.229	ug/L #	87
51) Chlorobenzene	8.818	112	15807	0.223	ug/L	97
52) Ethylbenzene	8.950	91	25590	0.216	ug/L	98
53) m,p-Xylene	9.079	106	9352	0.214	ug/L	99
54) o-Xylene	9.480	106	8131	0.188	ug/L	99
55) Styrene	9.509	104	14506m	0.198	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	5562	0.248	ug/L #	92
59) Bromoform	9.670	173	2003	0.216	ug/L #	91
60) Isopropylbenzene	9.866	105	22436	0.211	ug/L #	96
61) 1,2,3-Trichloropropane	10.210	75	3778	0.262	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.474	105	17883	0.212	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	17752	0.210	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	11996	0.239	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	12729	0.247	ug/L	94
67) 1,2-Dichlorobenzene	11.574	146	12799	0.275	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	541	0.181	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.586	180	8161	0.228	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	6763	0.229	ug/L	97
71) Naphthalene	13.455	128	12272	0.272	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.683	180	6218	0.255	ug/L	97

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



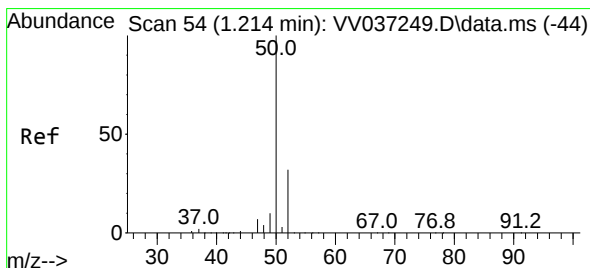
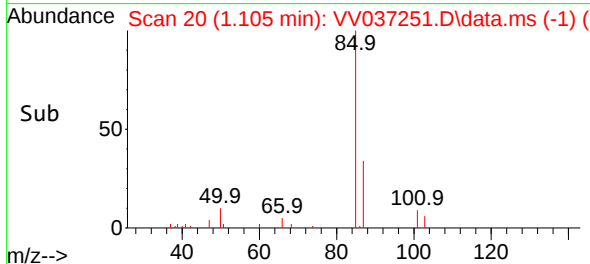
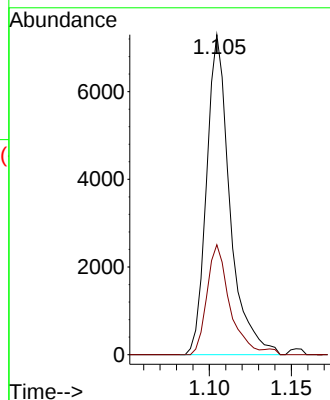
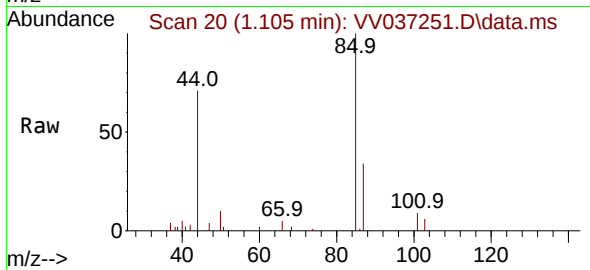
#2
Dichlorodifluoromethane
Concen: 0.234 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 85 Resp: 722
Ion Ratio Lower Upper
85 100
87 34.1 25.8 38.8

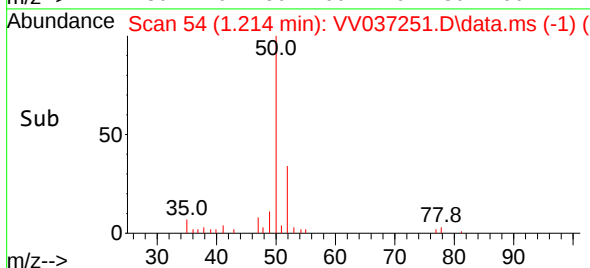
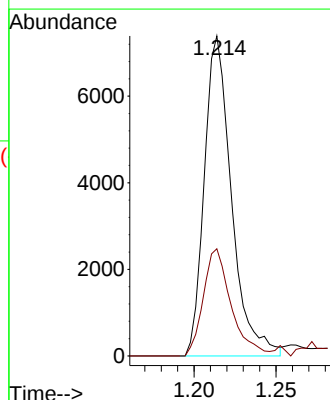
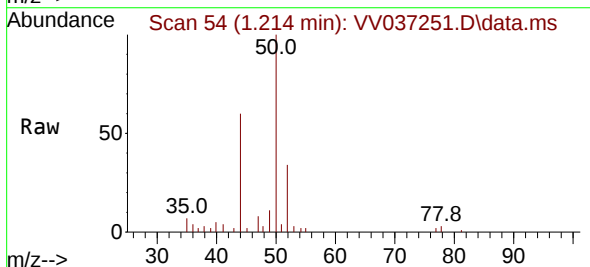
Manual Integrations
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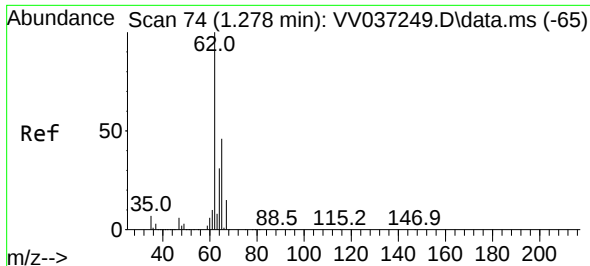
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 50 Resp: 8514
Ion Ratio Lower Upper
50 100
52 33.5 23.3 43.3





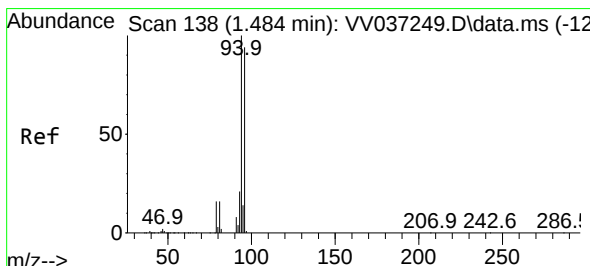
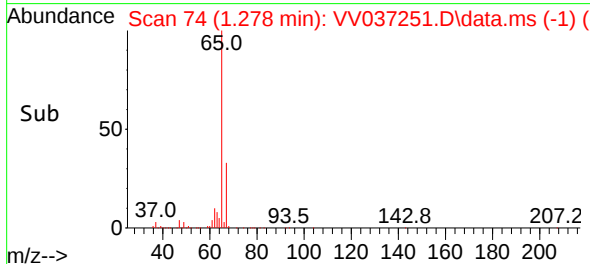
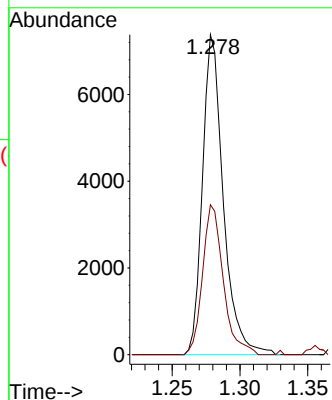
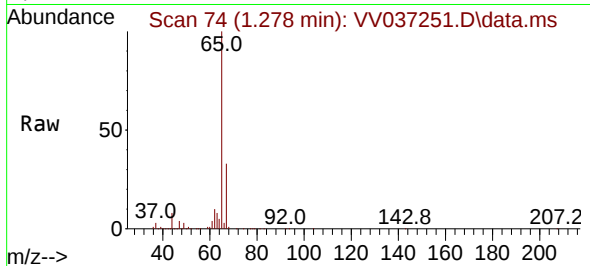
#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037251.D
 Acq: 11 Sep 2024 11:45

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2024-06

Tgt Ion: 62 Resp: 788
 Ion Ratio Lower Upper
 62 100
 64 46.9 22.4 41.6

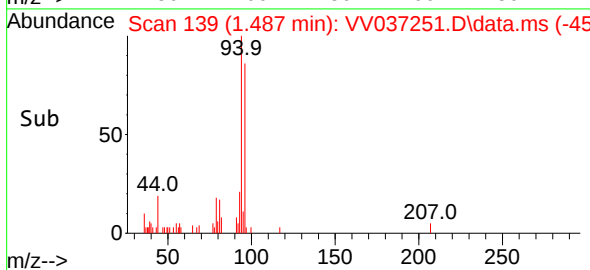
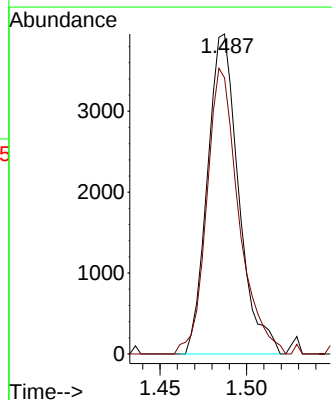
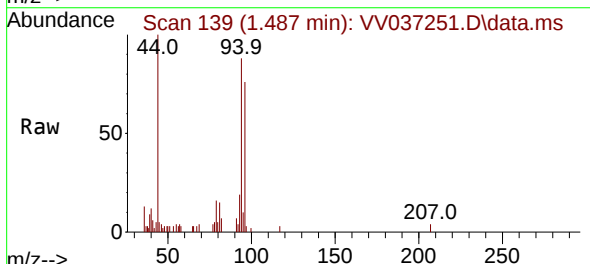
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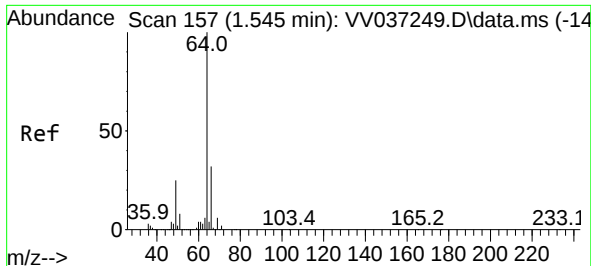
Reviewed By :Semsettin Yesilyurt 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024



#6
 Bromomethane
 Concen: 0.255 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037251.D
 Acq: 11 Sep 2024 11:45

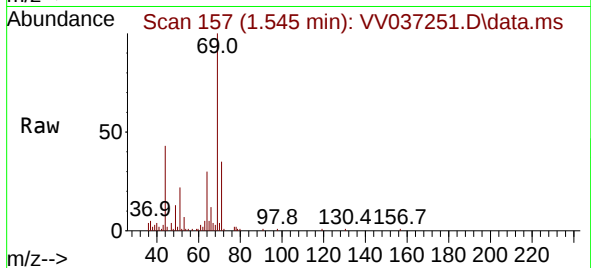
Tgt Ion: 94 Resp: 4961
 Ion Ratio Lower Upper
 94 100
 96 86.3 65.3 121.3





#8
Chloroethane
Concen: 0.246 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

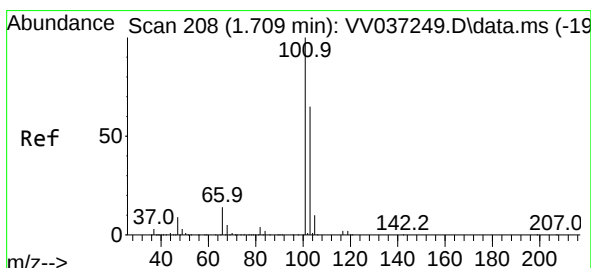
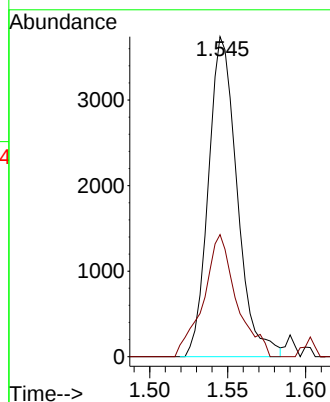
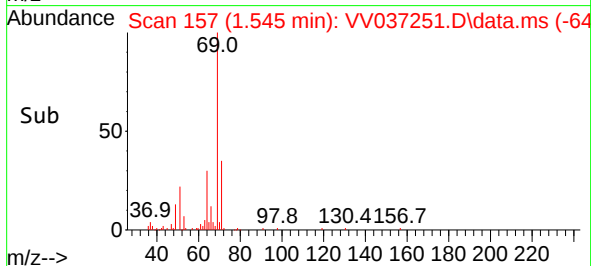
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



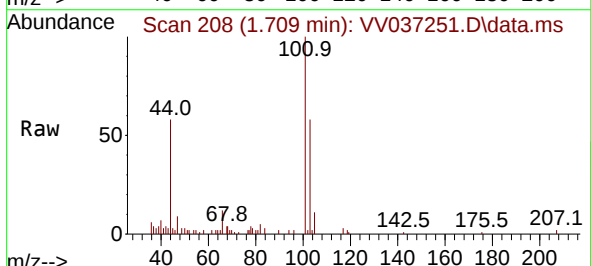
Tgt Ion: 64 Resp: 479
Ion Ratio Lower Upper
64 100
66 38.2 22.7 42.1

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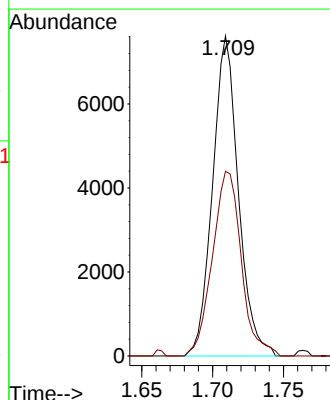
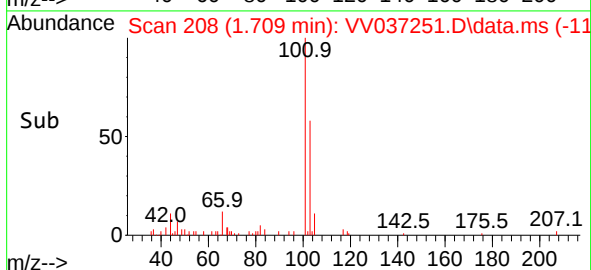
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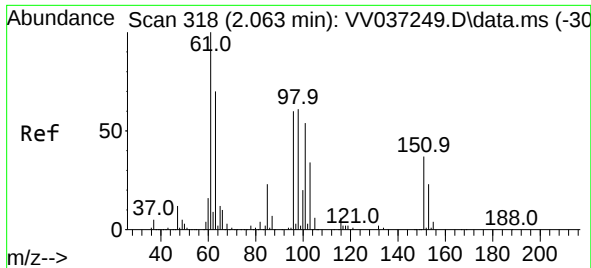


#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45



Tgt Ion:101 Resp: 9643
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3





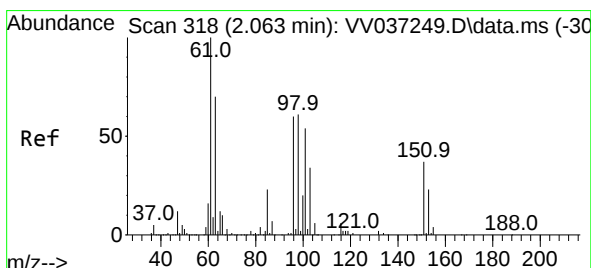
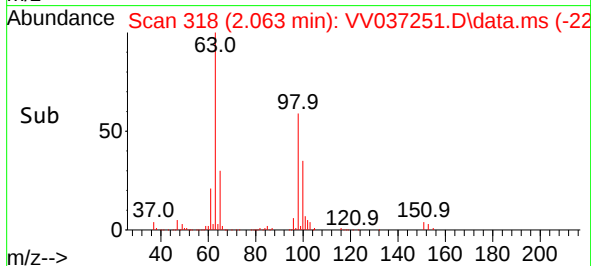
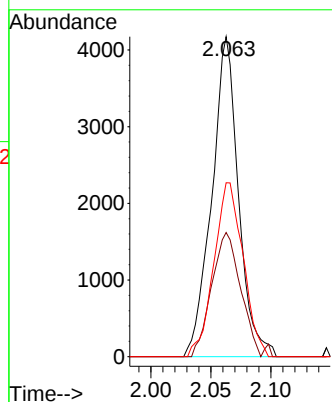
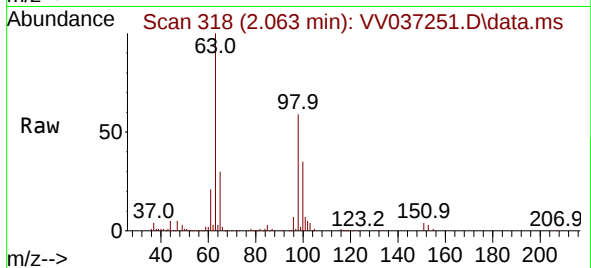
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.264 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion:101 Resp: 645
Ion Ratio Lower Upper
101 100
85 42.0 35.1 52.7
151 59.5 55.3 82.9

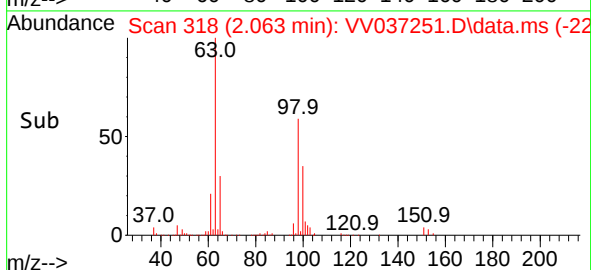
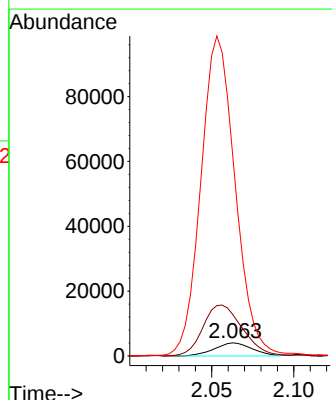
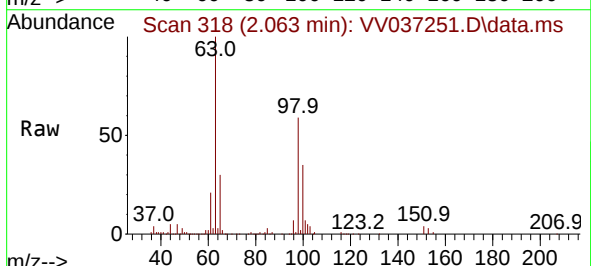
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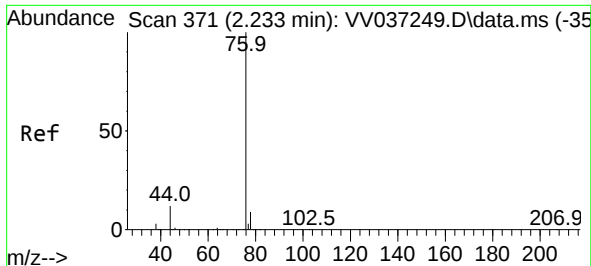
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#12
1,1-Dichloroethene
Concen: 0.279 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

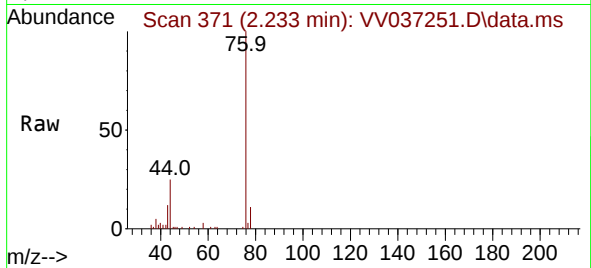
Tgt Ion: 96 Resp: 6507
Ion Ratio Lower Upper
96 100
61 317.4 119.9 222.7#
63 1532.2 81.4 151.2#





#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.233 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

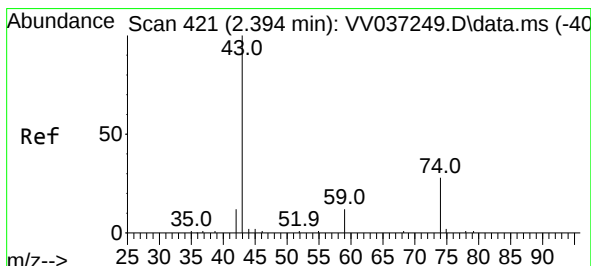
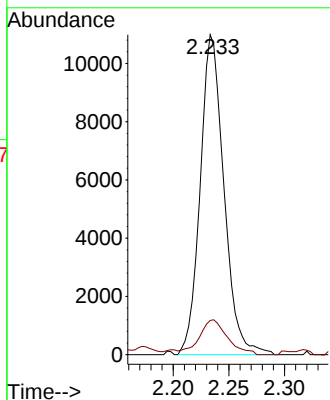
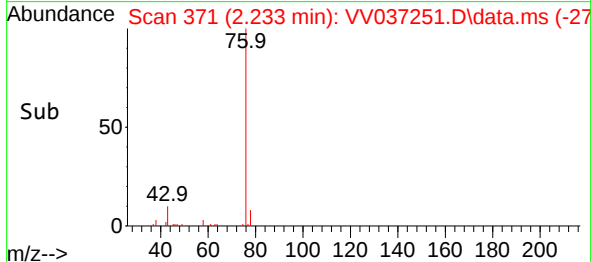
Instrument :
MSVOA_V
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MDL-WATER-QT3-2024-06



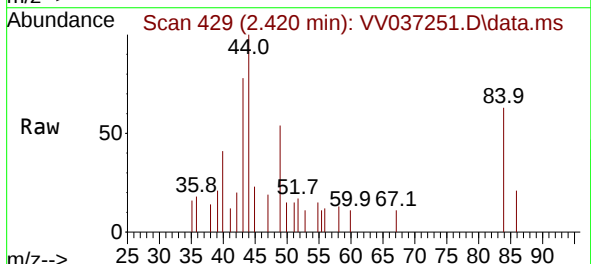
Tgt Ion: 76 Resp: 16300
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

Manual Integrations
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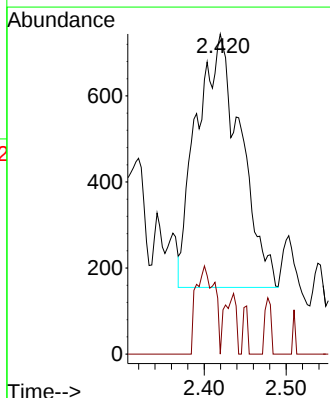
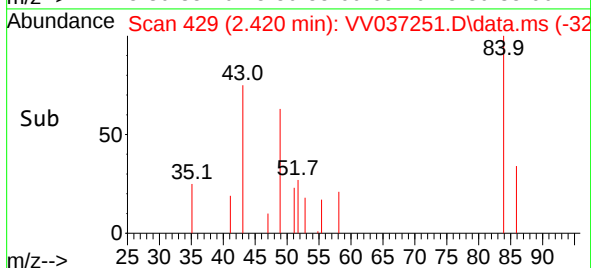
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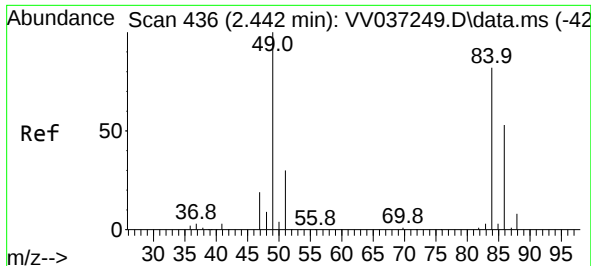


#15
Methyl Acetate
Concen: 0.237 ug/L m
RT: 2.420 min Scan# 429
Delta R.T. 0.026 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45



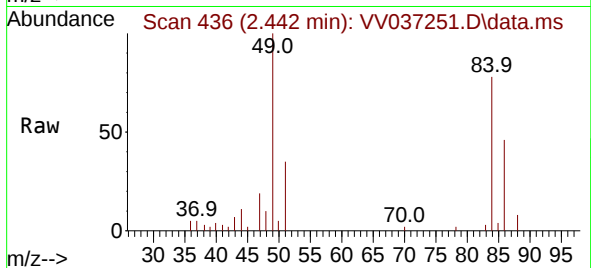
Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
74 14.4 21.0 31.4#





#16
Methylene chloride
Concen: 0.387 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

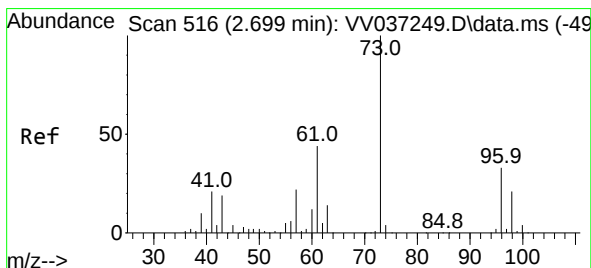
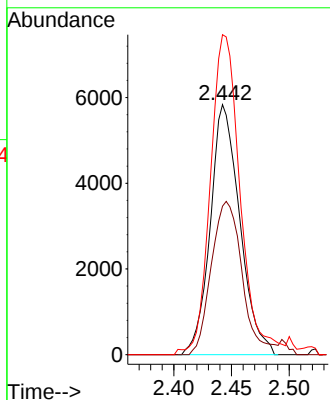
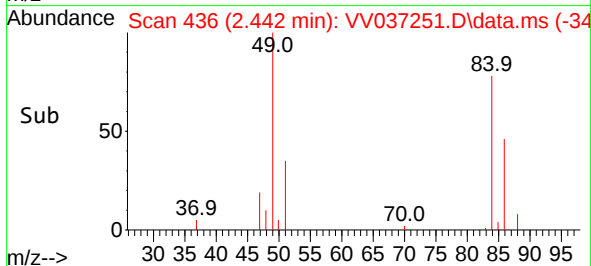
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion: 84 Resp: 10374
Ion Ratio Lower Upper
84 100
86 59.3 44.0 81.8
49 127.9 83.0 154.1

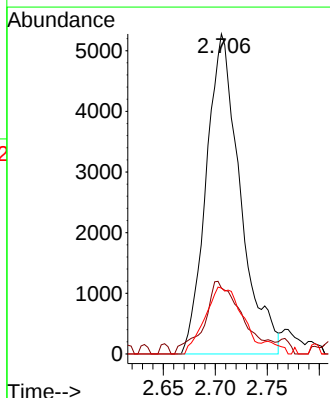
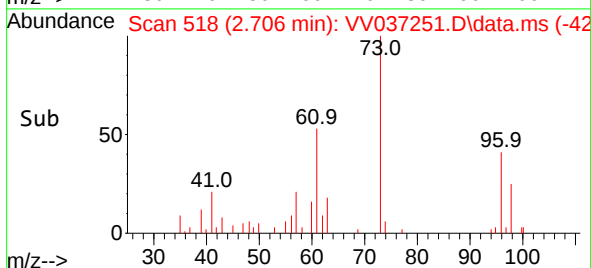
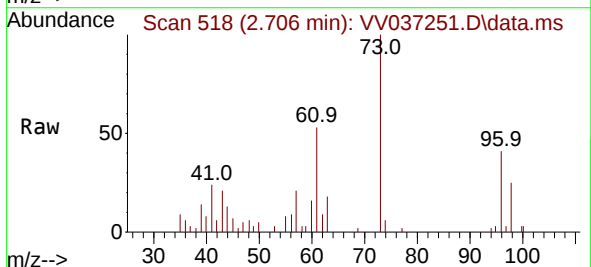
Manual Integrations
APPROVED

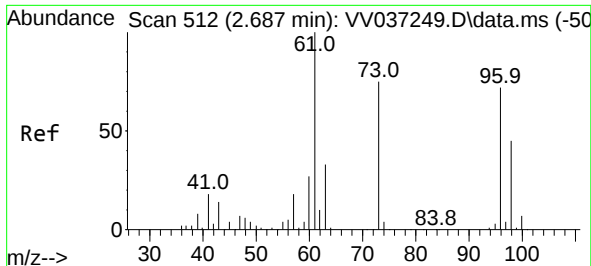
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#17
Methyl tert-butyl Ether
Concen: 0.216 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

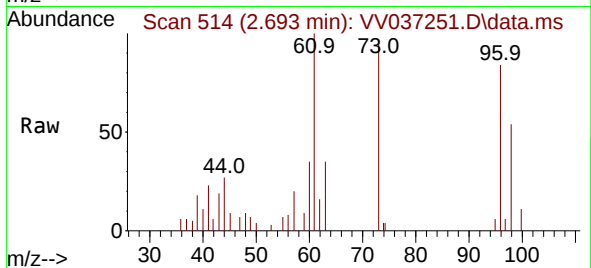
Tgt Ion: 73 Resp: 11981
Ion Ratio Lower Upper
73 100
43 25.4 14.5 21.7#
57 22.8 17.7 26.5





#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

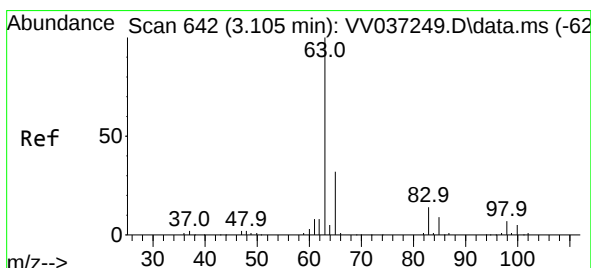
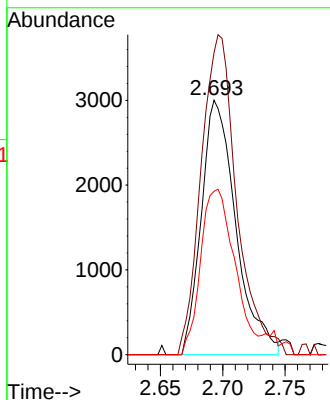
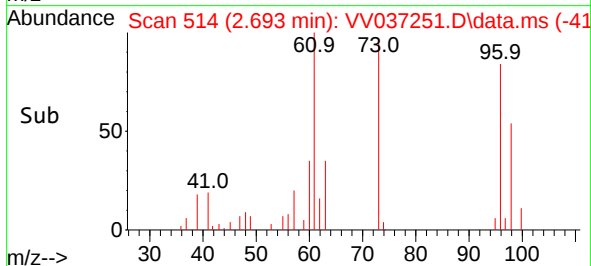
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion: 96 Resp: 5802
Ion Ratio Lower Upper
96 100
61 118.7 92.8 172.4
98 64.2 43.0 79.8

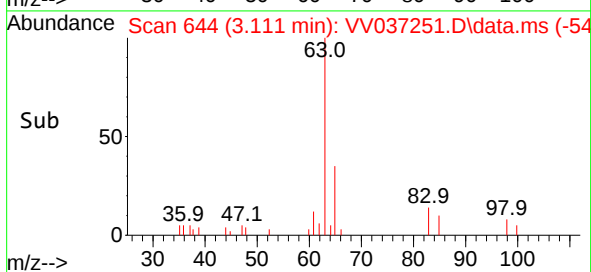
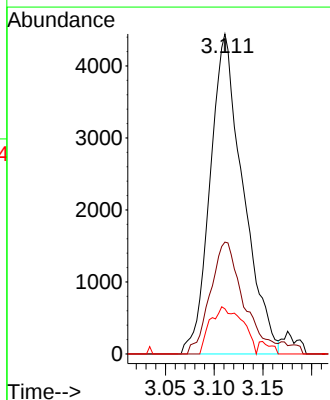
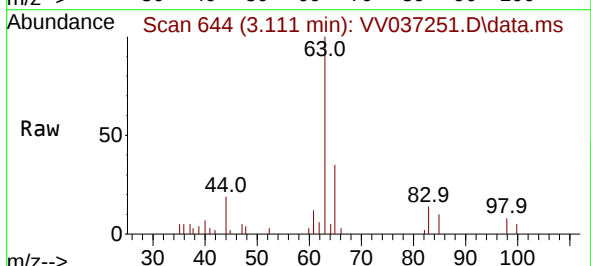
Manual Integrations
APPROVED

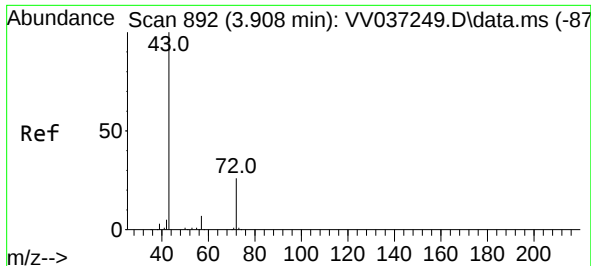
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#19
1,1-Dichloroethane
Concen: 0.223 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 63 Resp: 10452
Ion Ratio Lower Upper
63 100
65 34.9 22.5 41.7
83 14.1 8.9 16.5





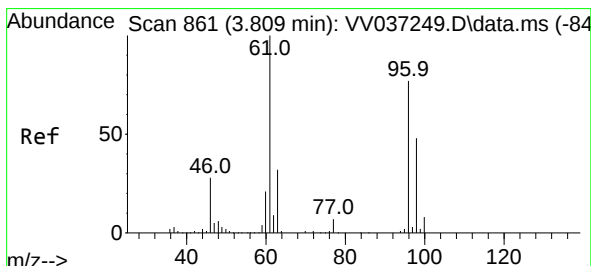
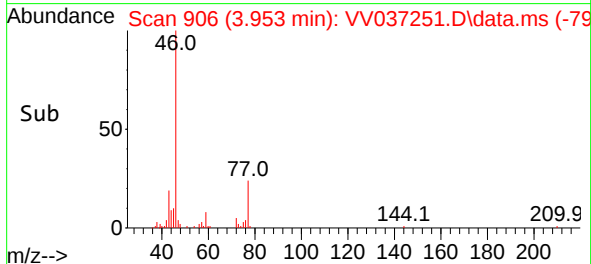
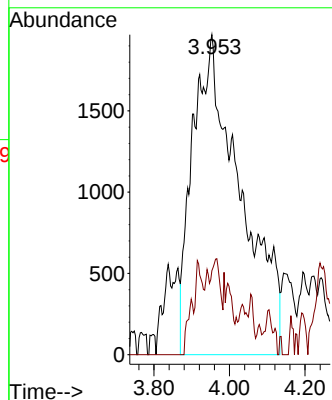
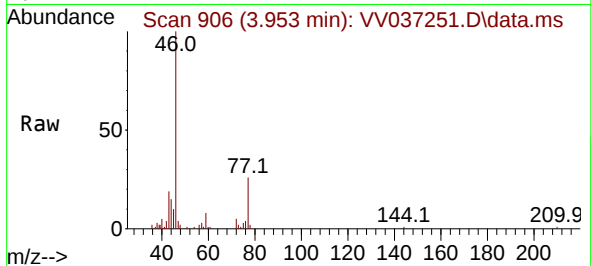
#21
2-Butanone
Concen: 2.793 ug/L m
RT: 3.953 min Scan# 906
Delta R.T. 0.045 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
72 2.2 12.2 36.6

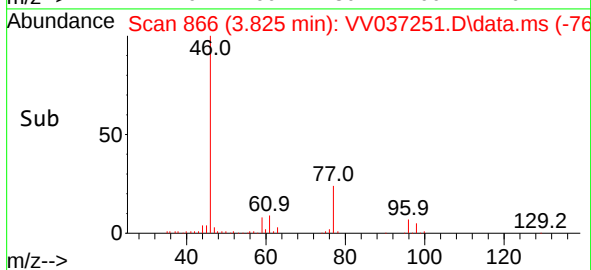
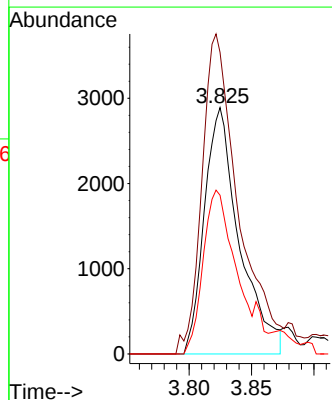
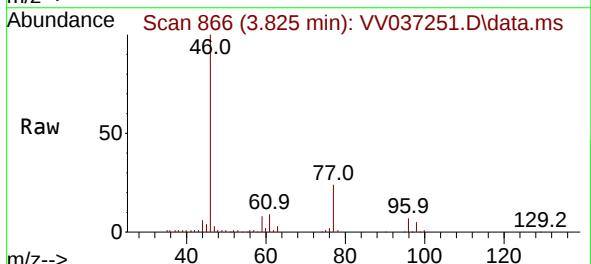
Manual Integrations
APPROVED

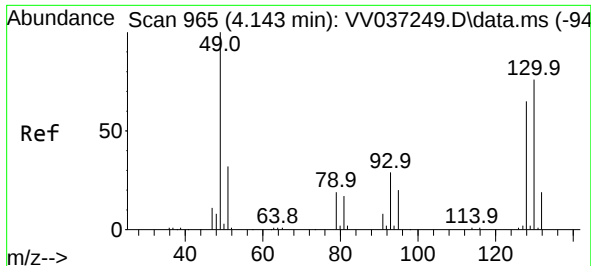
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#22
cis-1,2-Dichloroethene
Concen: 0.213 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.016 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

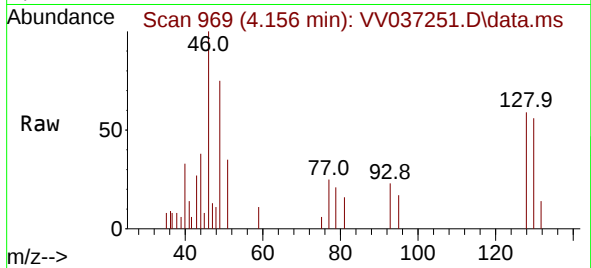
Tgt Ion: 96 Resp: 5649
Ion Ratio Lower Upper
96 100
61 122.4 87.6 162.6
98 64.4 44.9 83.5





#23
Bromochloromethane
Concen: 0.245 ug/L
RT: 4.156 min Scan# 90
Delta R.T. 0.013 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

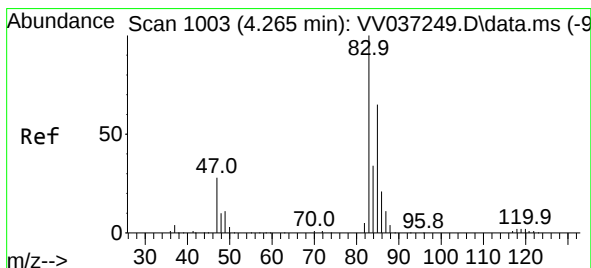
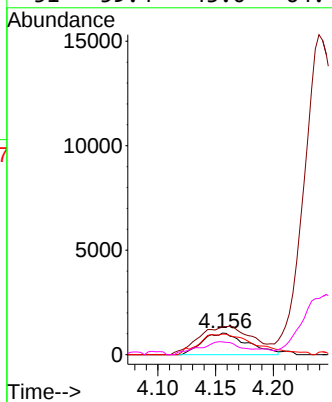
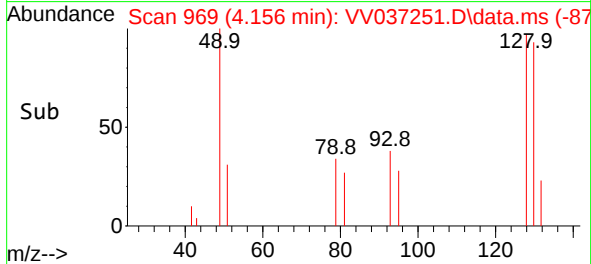
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion:128 Resp: 281
Ion Ratio Lower Upper
128 100
49 128.5 114.0 211.8
130 95.5 89.3 165.9
51 59.4 43.0 64.4

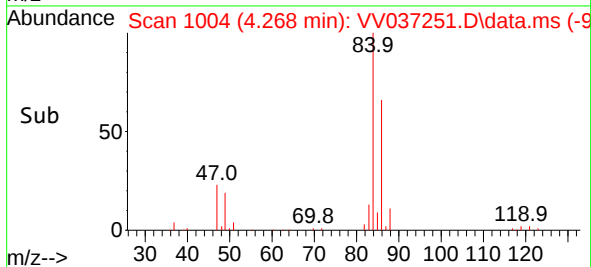
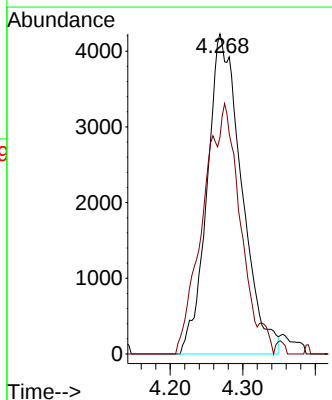
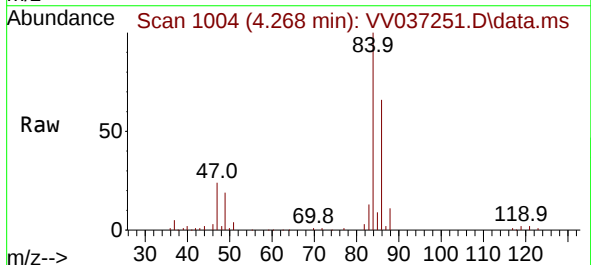
Manual Integrations
APPROVED

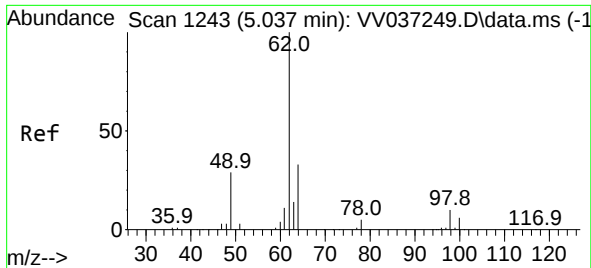
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#25
Chloroform
Concen: 0.295 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 83 Resp: 13892
Ion Ratio Lower Upper
83 100
85 67.7 43.8 81.4





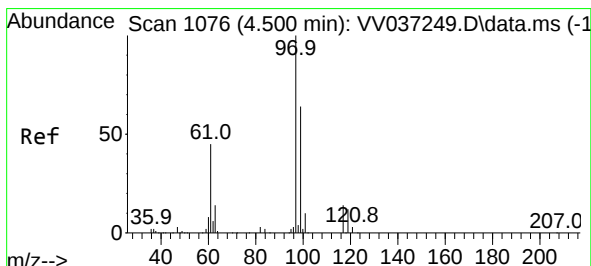
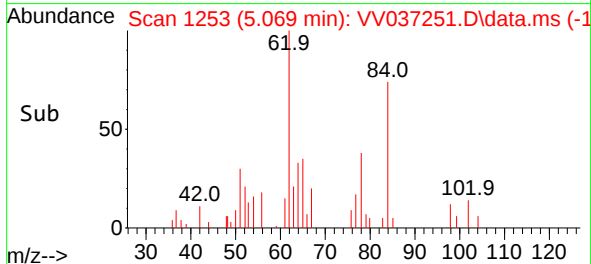
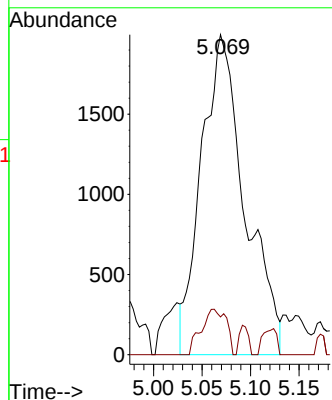
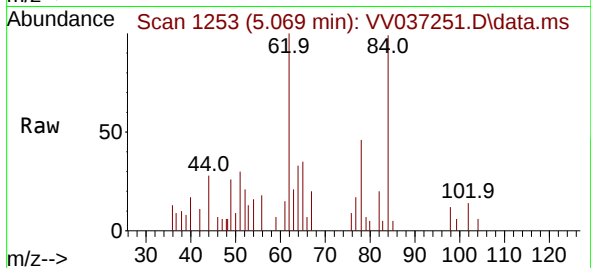
#27
1,2-Dichloroethane
Concen: 0.234 ug/L m
RT: 5.069 min Scan# 1078
Delta R.T. 0.032 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 62 Resp: 6235
Ion Ratio Lower Upper
62 100
98 11.8 8.2 12.4

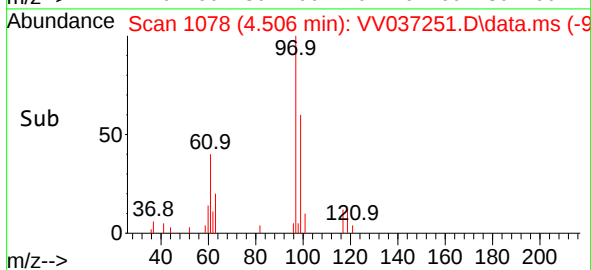
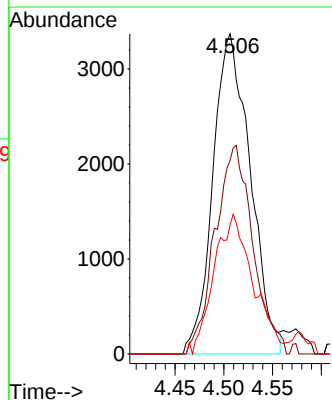
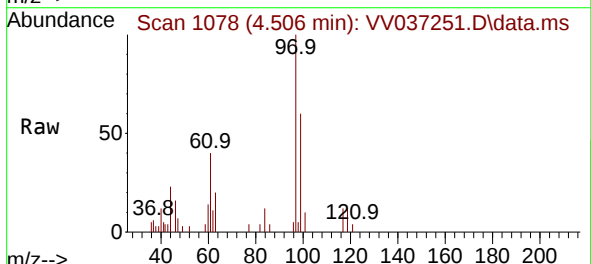
Manual Integrations
APPROVED

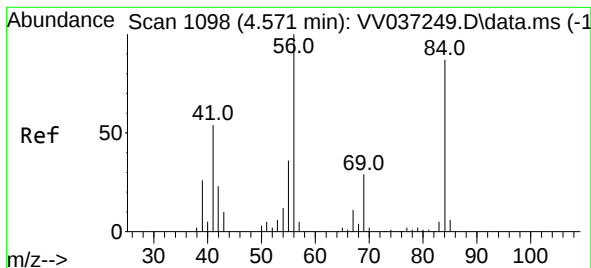
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#29
1,1,1-Trichloroethane
Concen: 0.224 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 97 Resp: 8983
Ion Ratio Lower Upper
97 100
99 65.9 50.0 75.0
61 45.8 34.3 51.5





#30

Cyclohexane

Concen: 0.221 ug/L

RT: 4.571 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

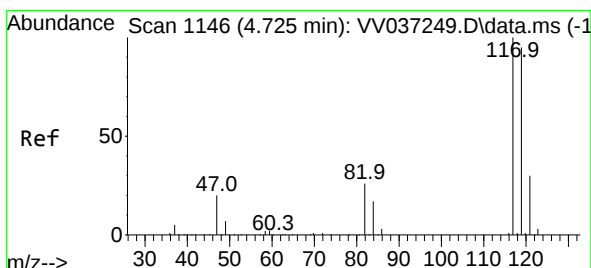
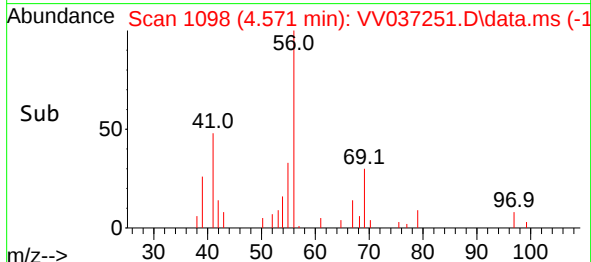
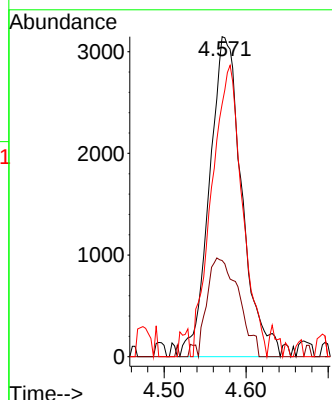
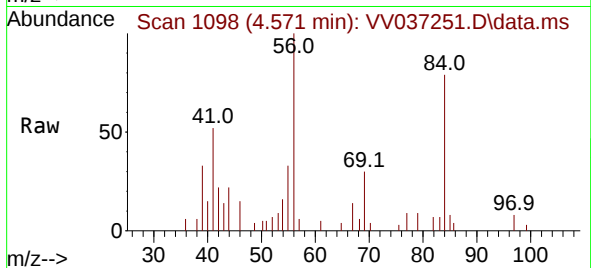
MDL-WATER-QT3-2024-06

Tgt Ion:	56	Resp:	859
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.1	36.1
84	86.2	73.1	109.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#31

Carbon tetrachloride

Concen: 0.222 ug/L

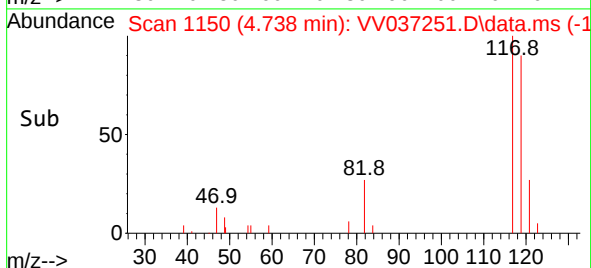
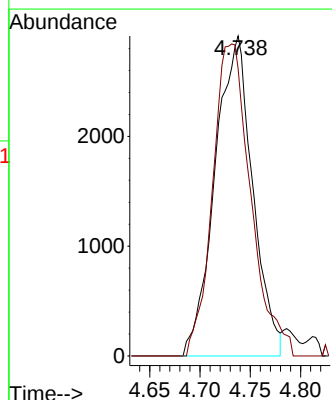
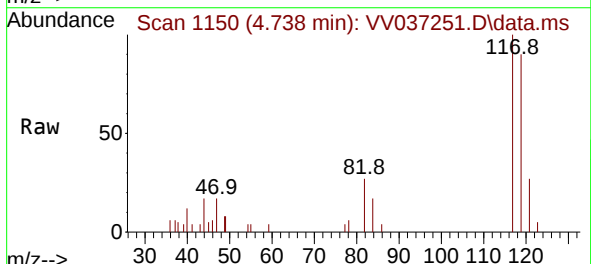
RT: 4.738 min Scan# 1150

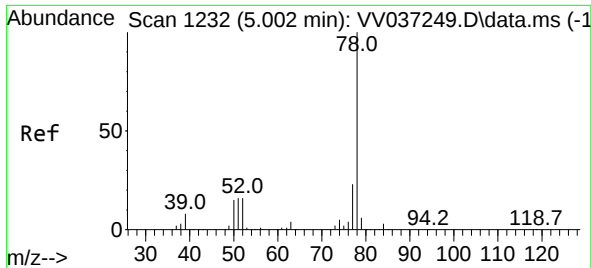
Delta R.T. 0.013 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:	117	Resp:	7584
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.2	114.4





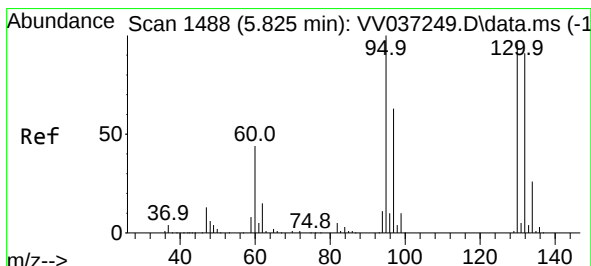
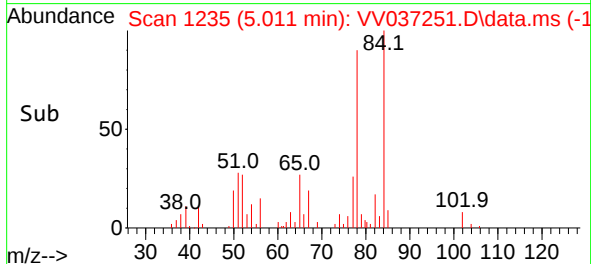
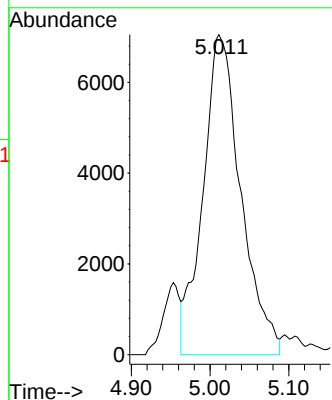
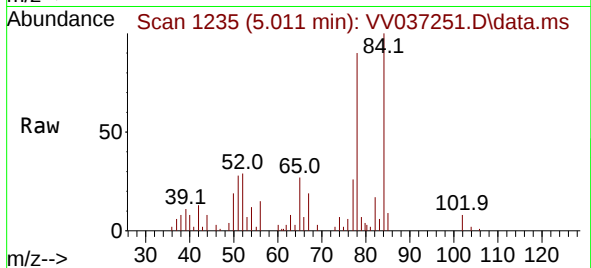
#33
Benzene
Concen: 0.231 ug/L m
RT: 5.011 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 78 Resp: 2354

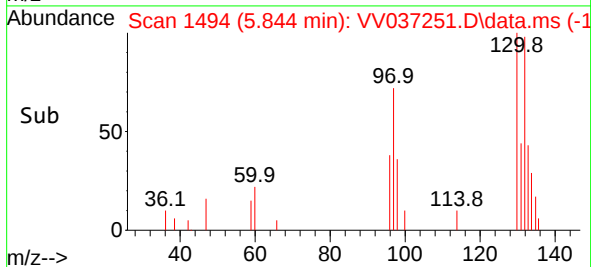
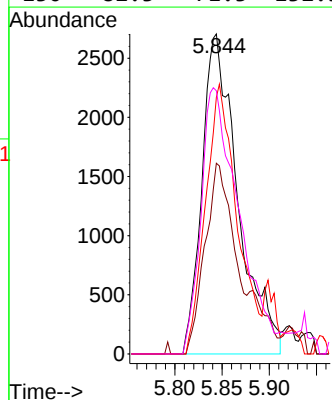
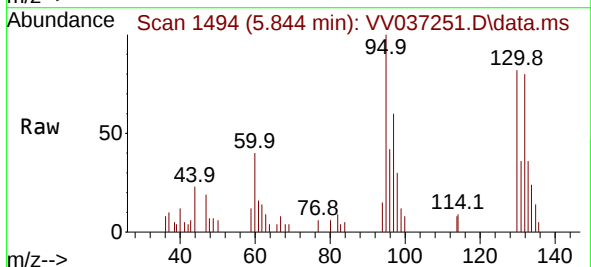
Manual Integrations
APPROVED

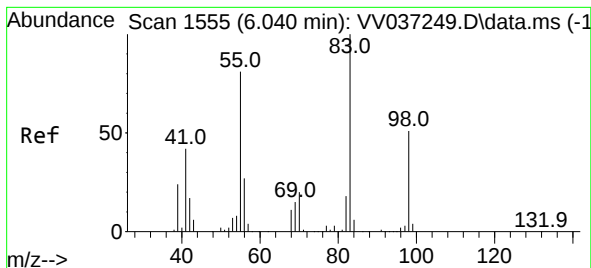
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#34
Trichloroethene
Concen: 0.259 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

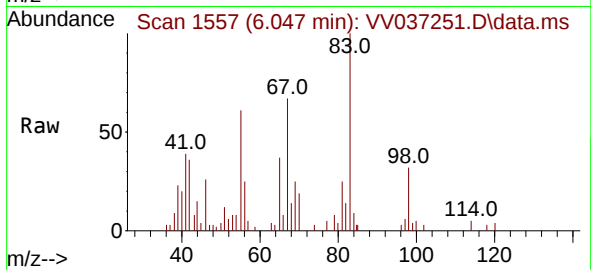
Tgt Ion: 95 Resp: 7132
Ion Ratio Lower Upper
95 100
97 59.6 46.5 86.5
132 80.2 65.5 121.7
130 82.3 71.3 132.3





#35
Methylcyclohexane
Concen: 0.219 ug/L m
RT: 6.047 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

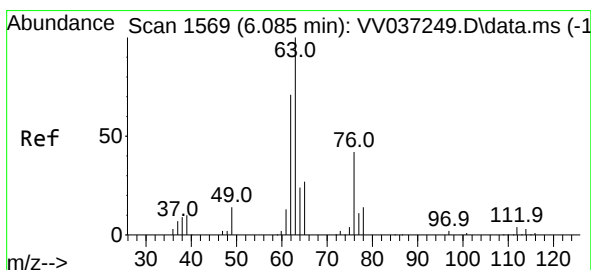
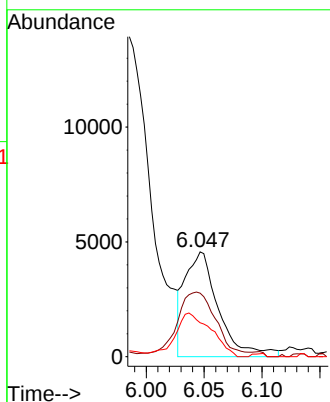
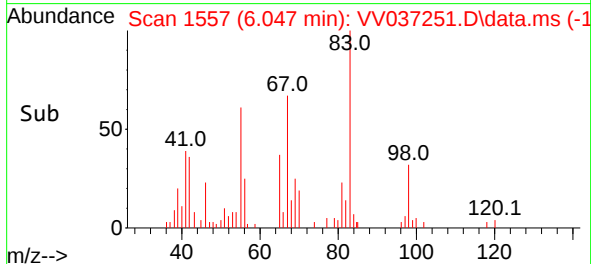
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion: 83 Resp: 9179
Ion Ratio Lower Upper
83 100
55 66.3 60.3 90.5
98 45.2 38.2 57.4

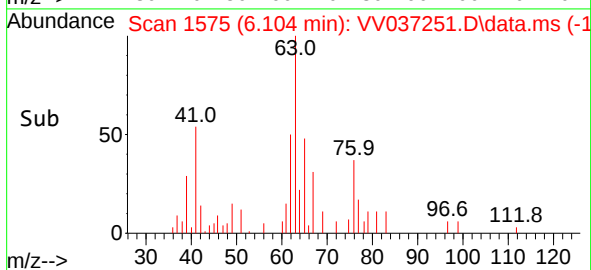
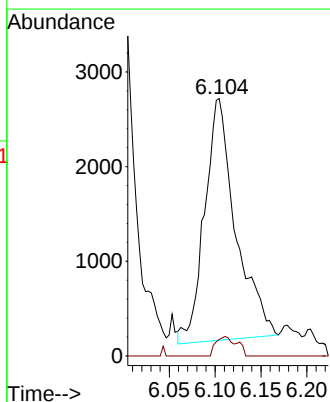
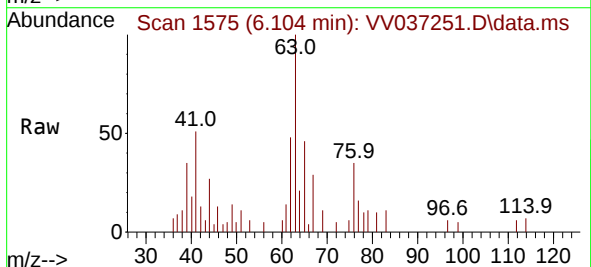
Manual Integrations
APPROVED

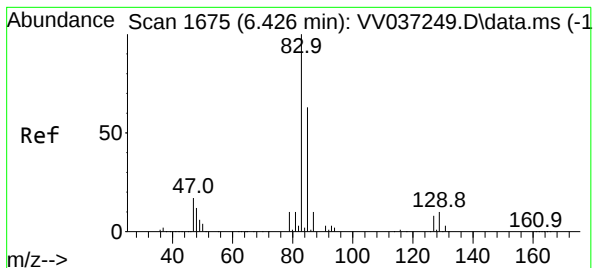
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#37
1,2-Dichloropropane
Concen: 0.232 ug/L
RT: 6.104 min Scan# 1575
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 63 Resp: 6032
Ion Ratio Lower Upper
63 100
112 5.4 3.7 5.5





#38

Bromodichloromethane

Concen: 0.231 ug/L

RT: 6.448 min Scan# 1

Delta R.T. 0.022 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2024-06

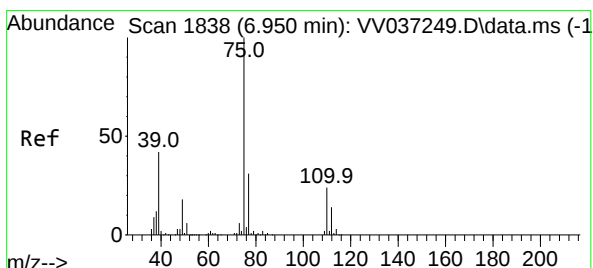
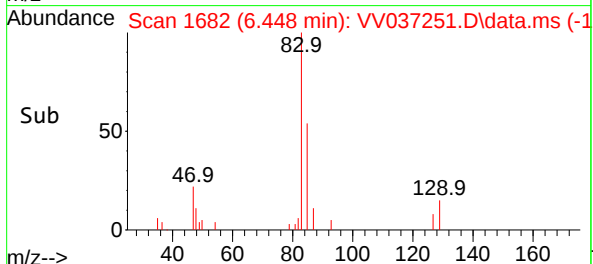
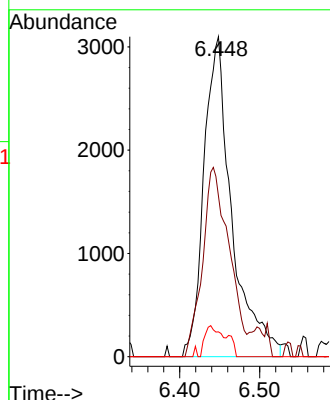
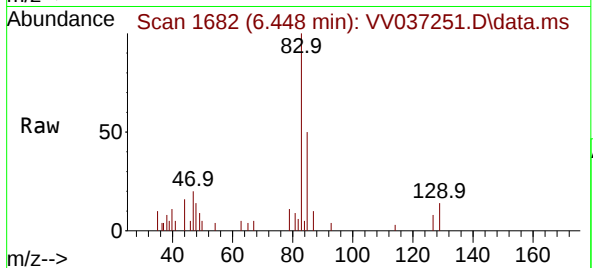
Tgt Ion:	83	Resp:	7498
Ion	Ratio	Lower	Upper
83	100		
85	50.2	43.7	81.1
127	7.7	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#39

cis-1,3-Dichloropropene

Concen: 0.235 ug/L m

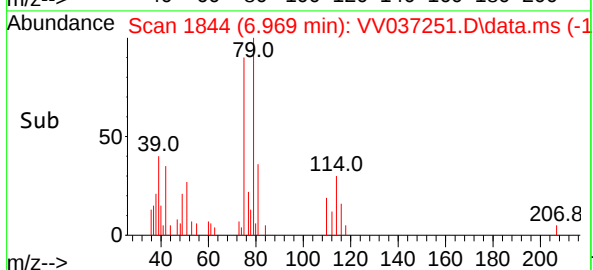
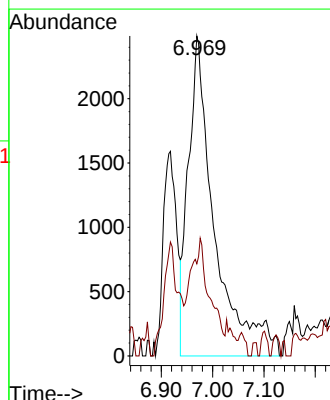
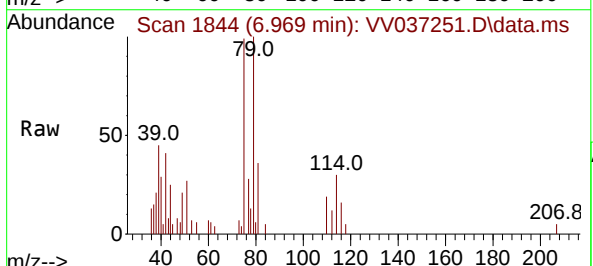
RT: 6.969 min Scan# 1844

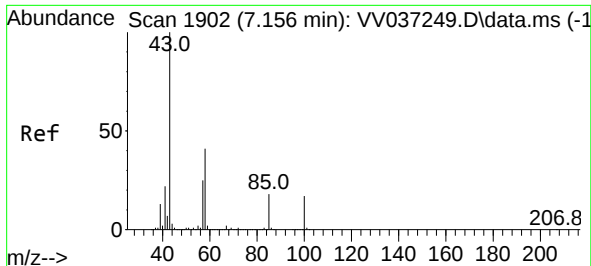
Delta R.T. 0.019 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:	75	Resp:	8835
Ion	Ratio	Lower	Upper
75	100		
77	28.8	22.2	41.2





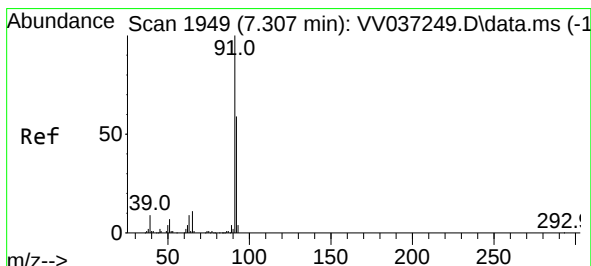
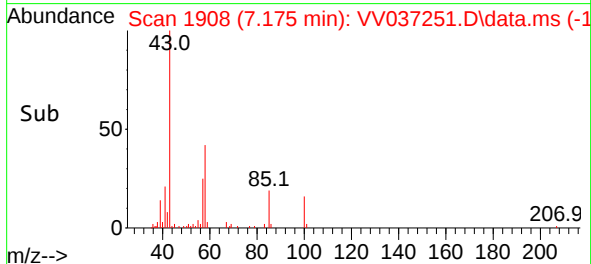
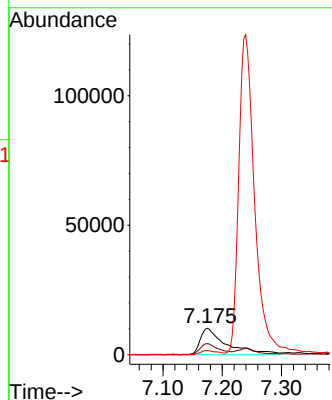
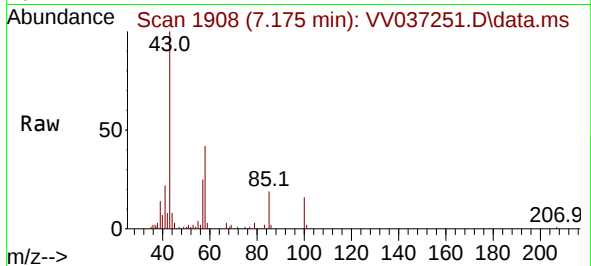
#40
4-Methyl-2-pentanone
Concen: 2.146 ug/L m
RT: 7.175 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 43 Resp: 3192
Ion Ratio Lower Upper
43 100
58 29.9 31.7 47.5
100 0.0 12.6 19.0

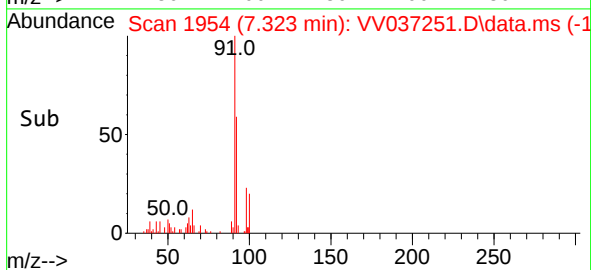
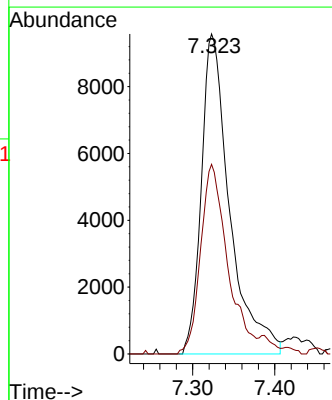
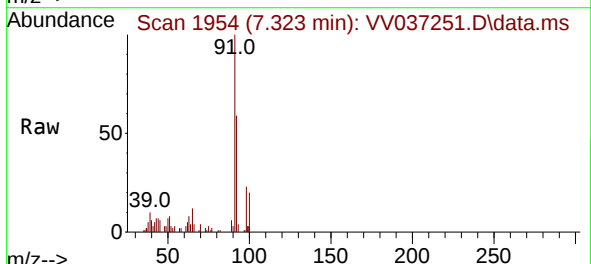
Manual Integrations
APPROVED

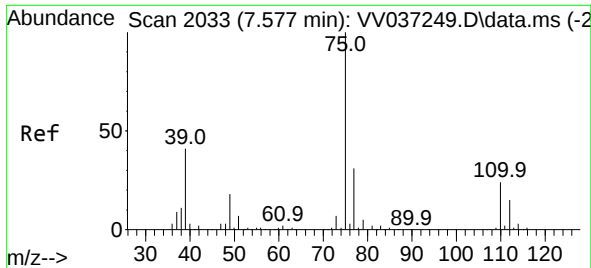
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#42
Toluene
Concen: 0.216 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 91 Resp: 22956
Ion Ratio Lower Upper
91 100
92 59.3 41.4 77.0





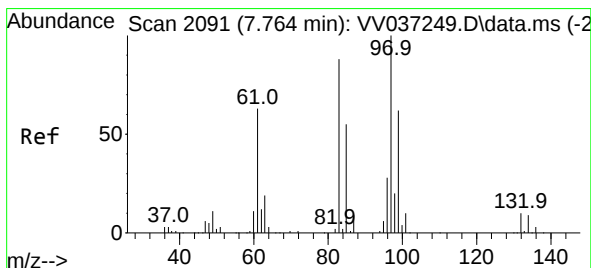
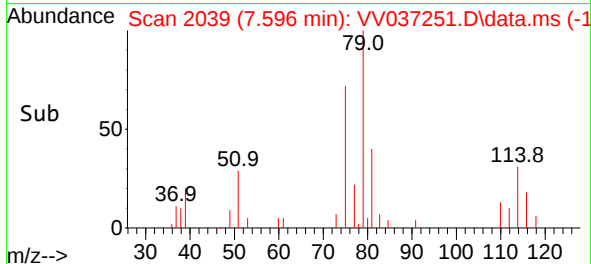
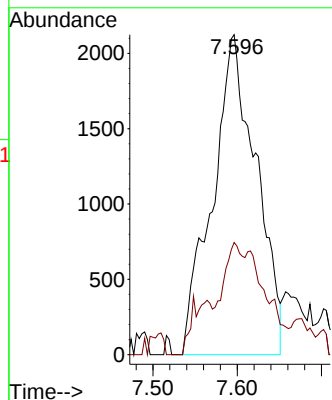
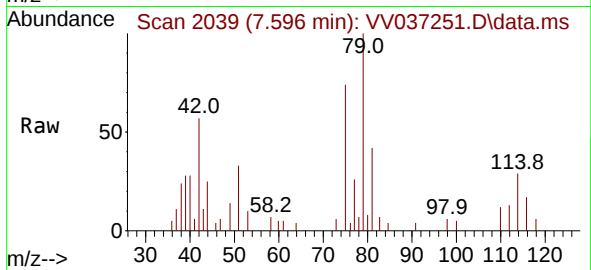
#44
trans-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 7.596 min Scan# 2039
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 75 Resp: 764
Ion Ratio Lower Upper
75 100
77 35.0 20.9 38.9

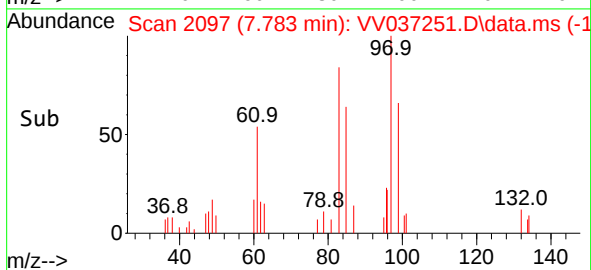
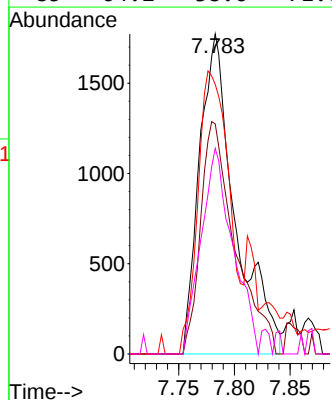
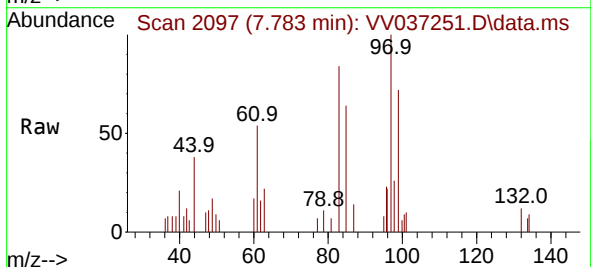
Manual Integrations
APPROVED

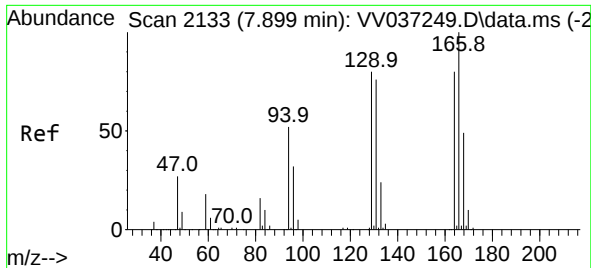
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#45
1,1,2-Trichloroethane
Concen: 0.212 ug/L m
RT: 7.783 min Scan# 2097
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

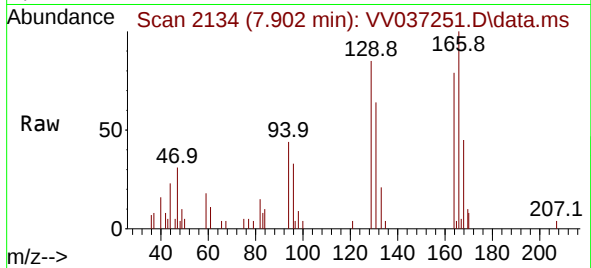
Tgt Ion: 97 Resp: 3947
Ion Ratio Lower Upper
97 100
99 71.9 43.1 80.1
83 84.3 61.0 113.4
85 64.2 38.6 71.6





#47
Tetrachloroethene
Concen: 0.244 ug/L
RT: 7.902 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

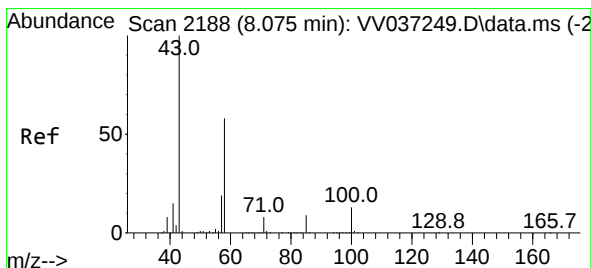
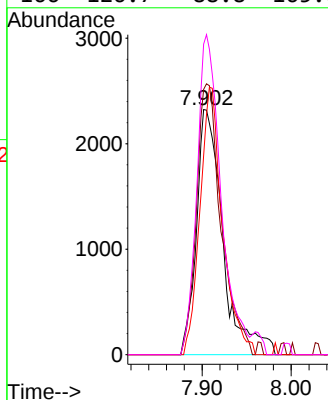
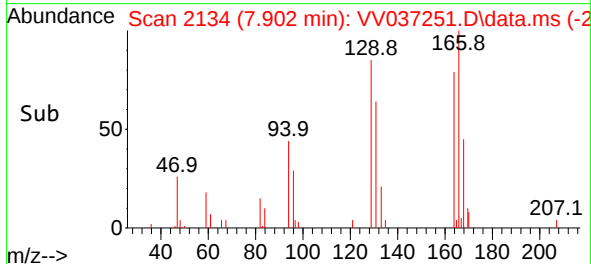
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion:164 Resp: 4809
Ion Ratio Lower Upper
164 100
129 108.2 69.2 128.4
131 81.3 66.6 123.8
166 126.7 88.8 165.0

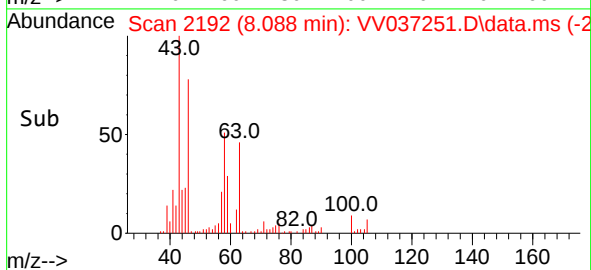
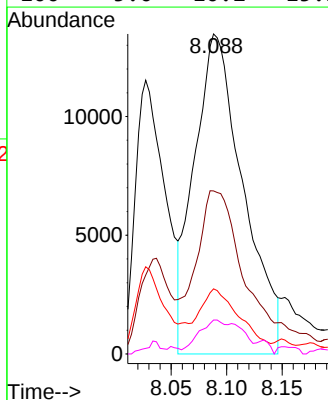
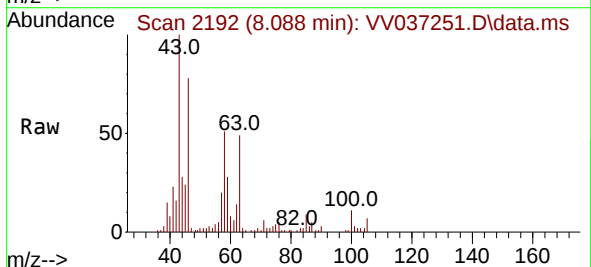
Manual Integrations
APPROVED

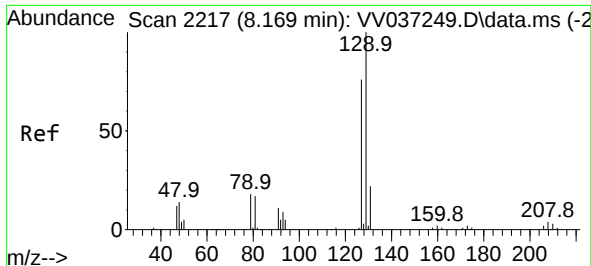
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#48
2-Hexanone
Concen: 3.803 ug/L m
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

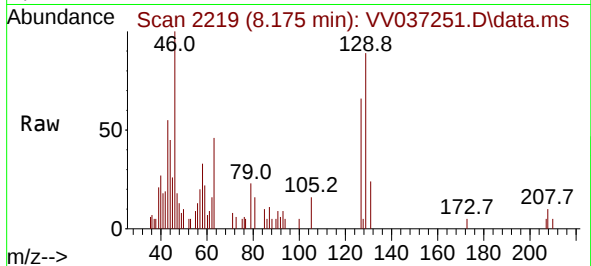
Tgt Ion: 43 Resp: 41353
Ion Ratio Lower Upper
43 100
58 52.1 45.5 68.3
57 15.8 15.3 22.9
100 5.0 10.2 15.2#





#49
Dibromochloromethane
Concen: 0.210 ug/L
RT: 8.175 min Scan# 211
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

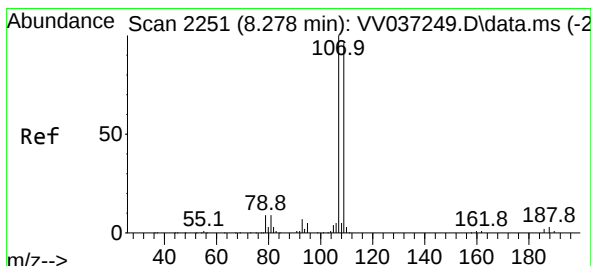
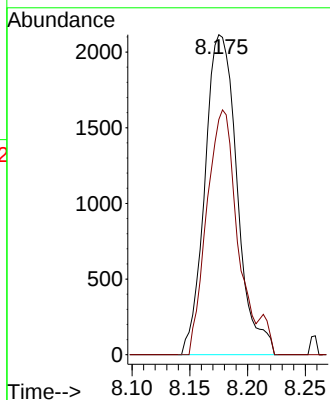
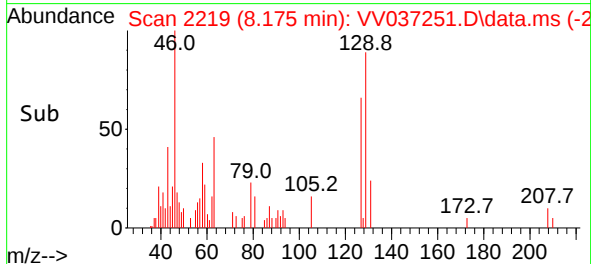
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



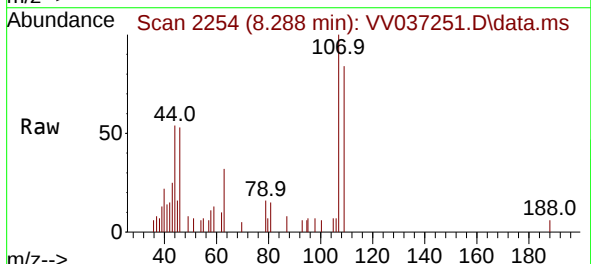
Tgt Ion:129 Resp: 4098
Ion Ratio Lower Upper
129 100
127 73.5 54.5 101.1

Manual Integrations
APPROVED

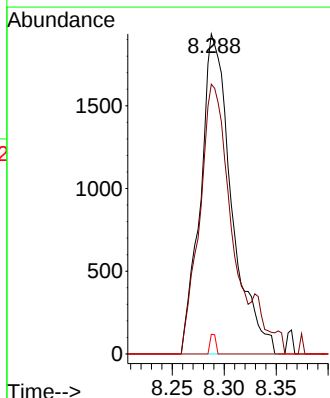
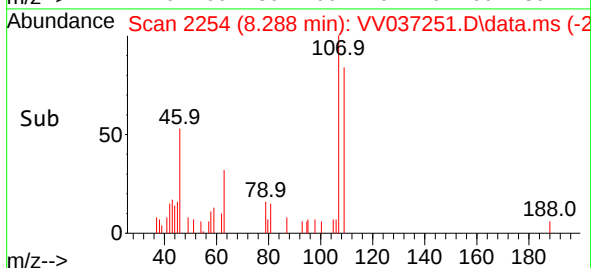
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

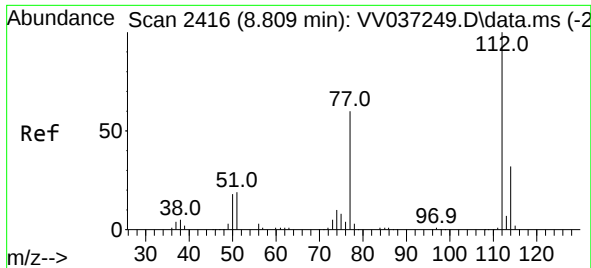


#50
1,2-Dibromoethane
Concen: 0.229 ug/L
RT: 8.288 min Scan# 2254
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45



Tgt Ion:107 Resp: 4029
Ion Ratio Lower Upper
107 100
109 84.3 68.1 126.5
188 6.2 2.7 4.1#





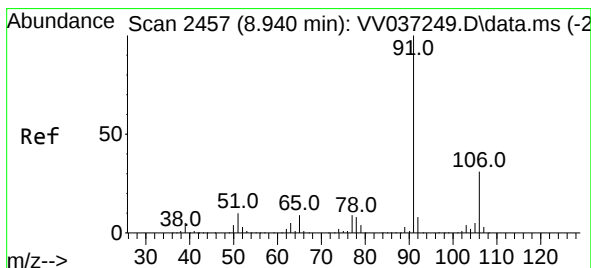
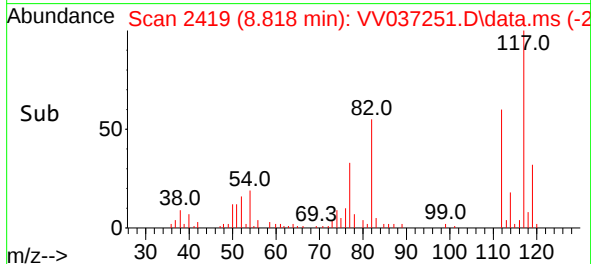
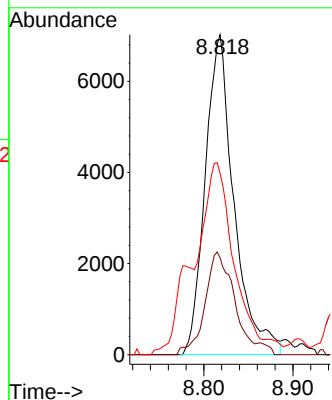
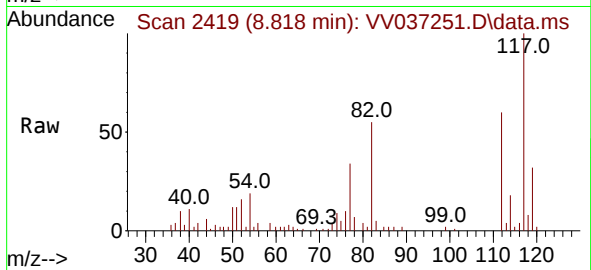
#51
Chlorobenzene
Concen: 0.223 ug/L
RT: 8.818 min Scan# 2416
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-06

Tgt Ion:112	Resp: 1580
Ion Ratio	Lower Upper
112 100	
114 30.3	22.6 42.0
77 56.8	47.0 70.6

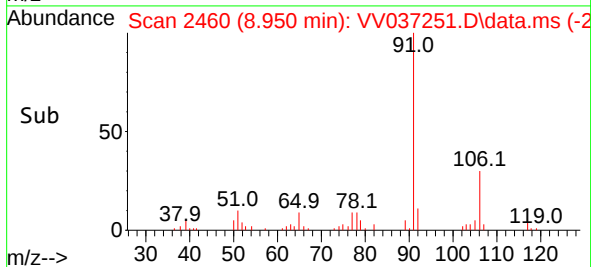
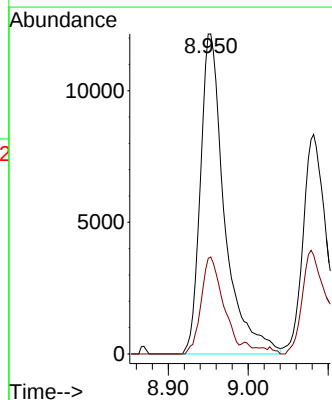
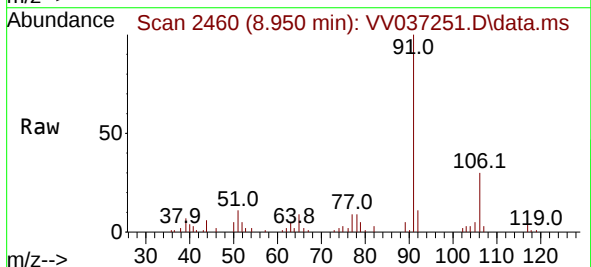
Manual Integrations
APPROVED

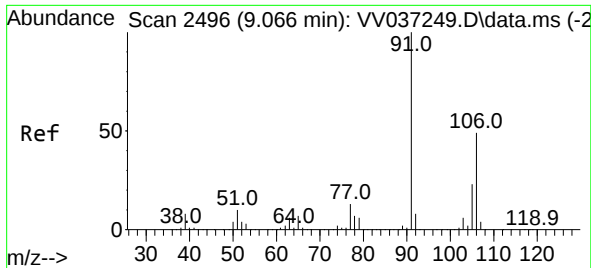
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#52
Ethylbenzene
Concen: 0.216 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 91	Resp: 25590
Ion Ratio	Lower Upper
91 100	
106 29.8	21.7 40.3





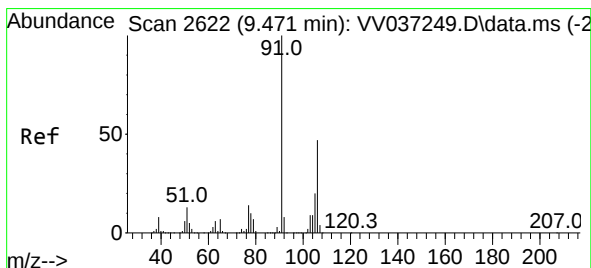
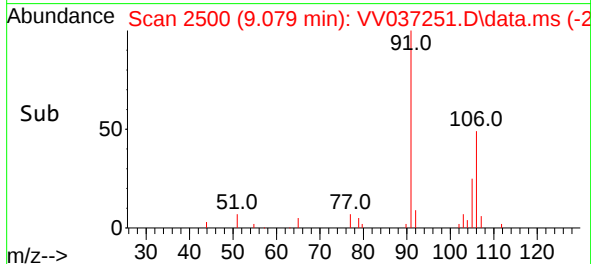
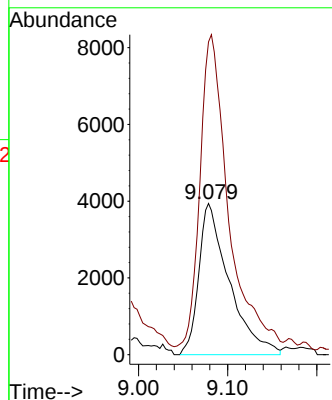
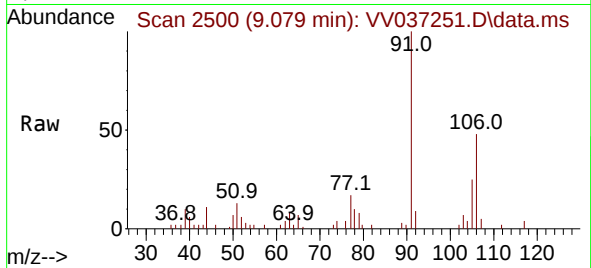
#53
m,p-Xylene
Concen: 0.214 ug/L
RT: 9.079 min Scan# 2496
Delta R.T. 0.013 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion:106 Resp: 935
Ion Ratio Lower Upper
106 100
91 206.8 143.3 266.1

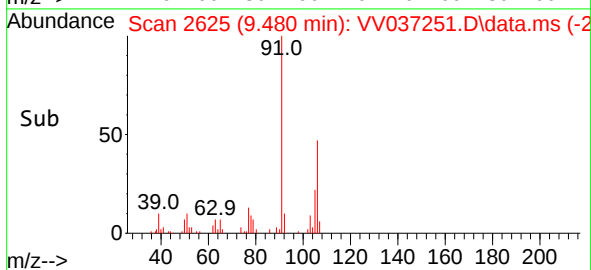
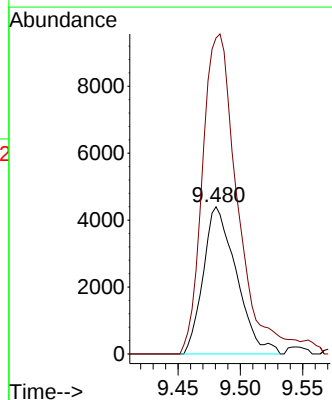
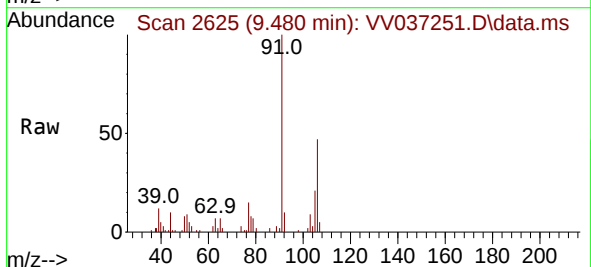
Manual Integrations
APPROVED

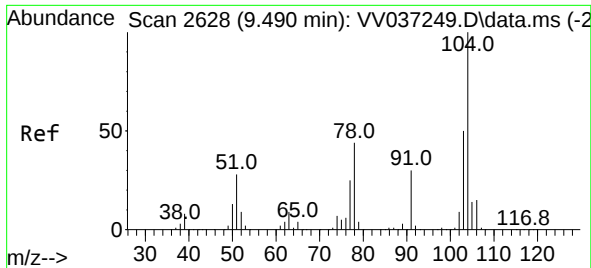
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#54
o-Xylene
Concen: 0.188 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:106 Resp: 8131
Ion Ratio Lower Upper
106 100
91 214.6 151.8 282.0





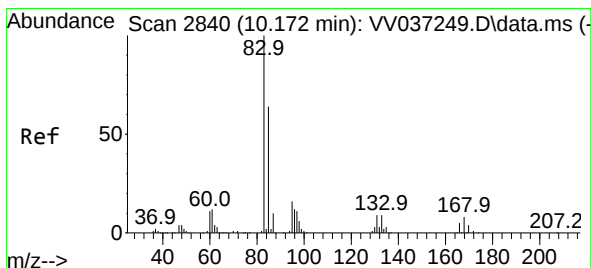
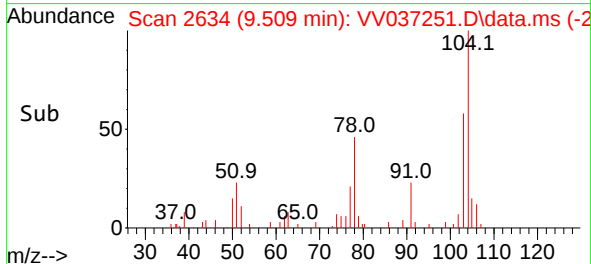
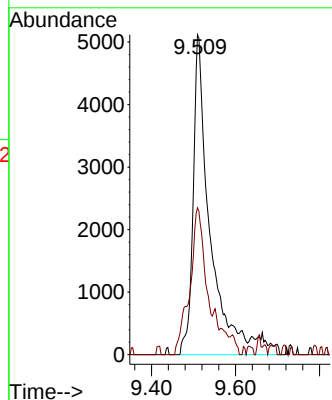
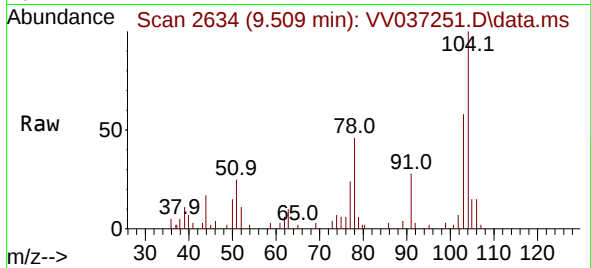
#55
Styrene
Concen: 0.198 ug/L m
RT: 9.509 min Scan# 2634
Delta R.T. 0.019 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion:104 Resp: 14500
Ion Ratio Lower Upper
104 100
78 45.9 29.2 54.2

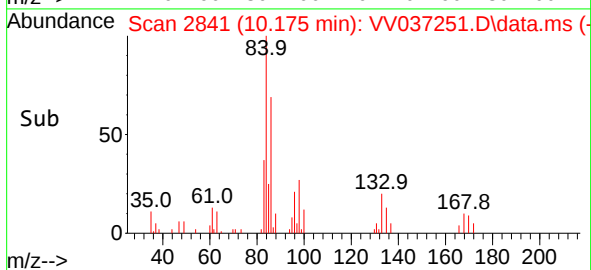
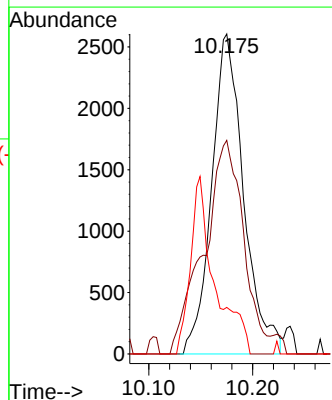
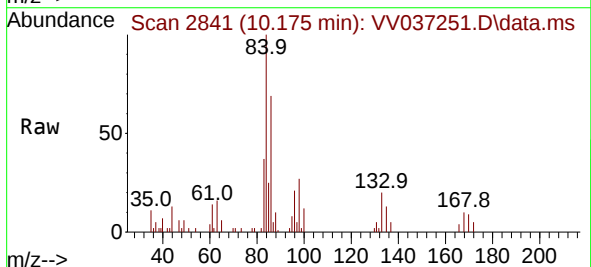
Manual Integrations
APPROVED

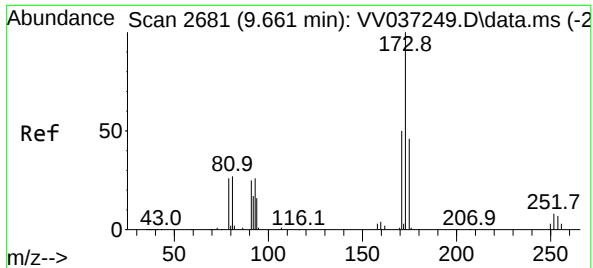
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.248 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion: 83 Resp: 5562
Ion Ratio Lower Upper
83 100
85 66.7 43.2 80.2
131 14.5 6.9 10.3#





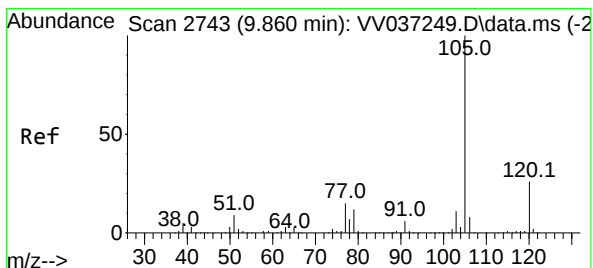
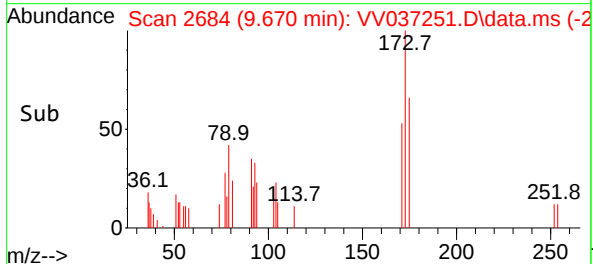
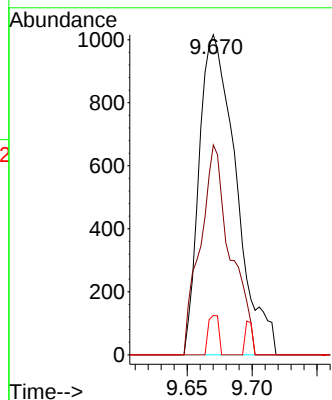
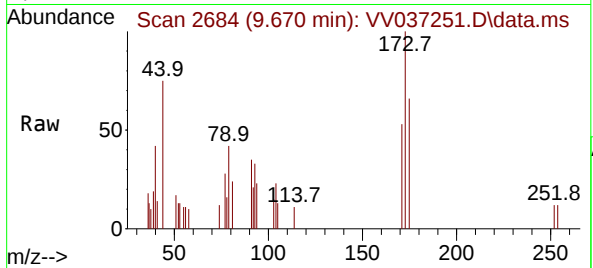
#59
Bromoform
Concen: 0.216 ug/L
RT: 9.670 min Scan# 2681
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion:173	Resp:	200
Ion Ratio	Lower	Upper
173	100	
175	54.0	38.7 58.1
254	3.5	6.8 10.2

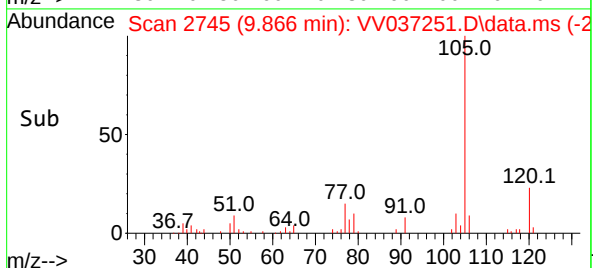
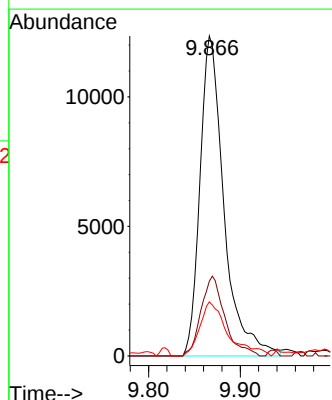
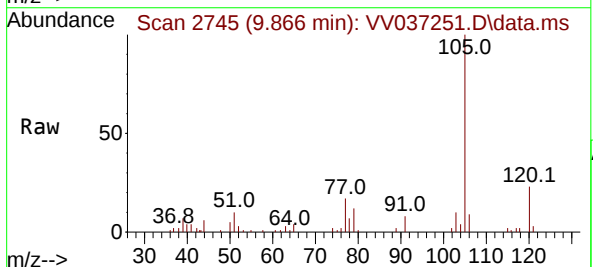
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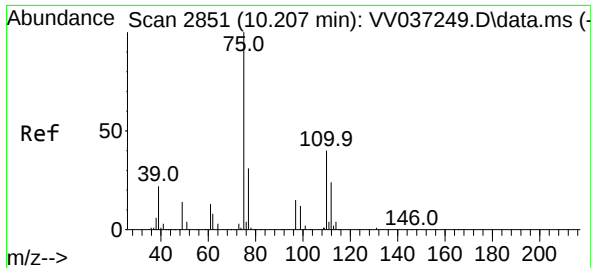
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#60
Isopropylbenzene
Concen: 0.211 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:105	Resp:	22436
Ion Ratio	Lower	Upper
105	100	
120	24.6	20.2 30.4
77	19.6	12.7 19.1





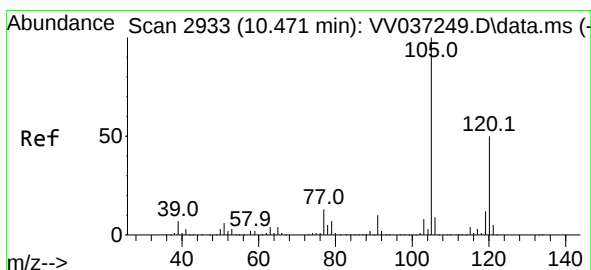
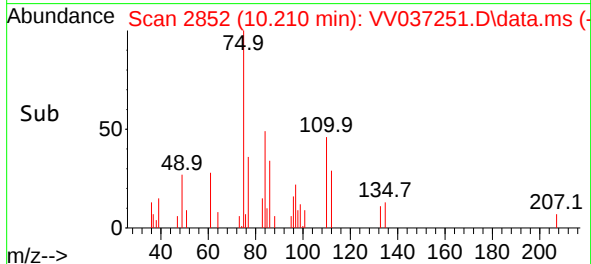
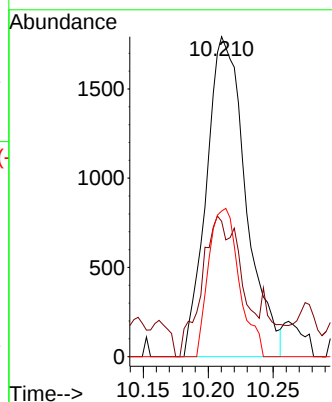
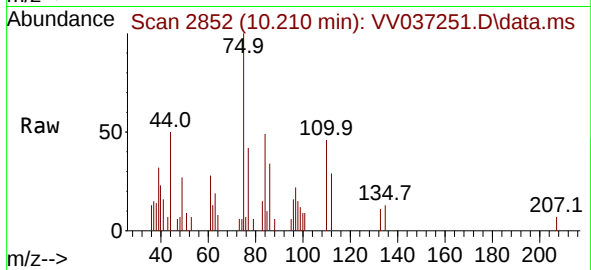
#61
1,2,3-Trichloropropane
Concen: 0.262 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Tgt Ion: 75 Resp: 3778
Ion Ratio Lower Upper
75 100
77 44.3 25.6 38.4
110 35.9 31.0 46.4

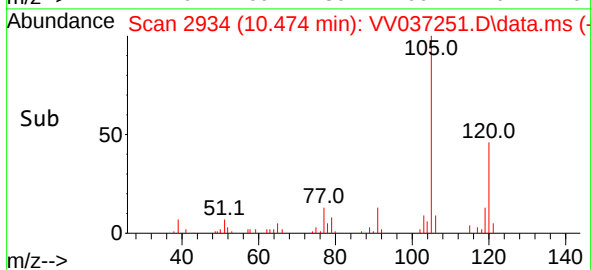
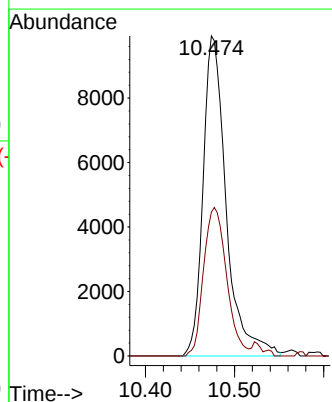
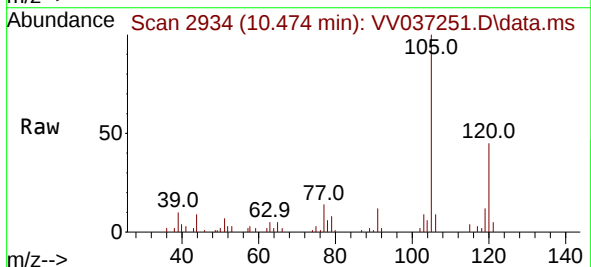
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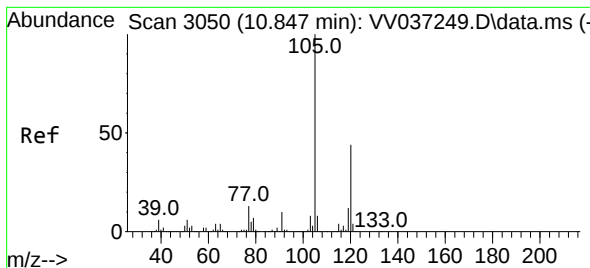
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.212 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:105 Resp: 17883
Ion Ratio Lower Upper
105 100
120 46.2 38.6 57.8





#63

1,2,4-Trimethylbenzene

Concen: 0.210 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

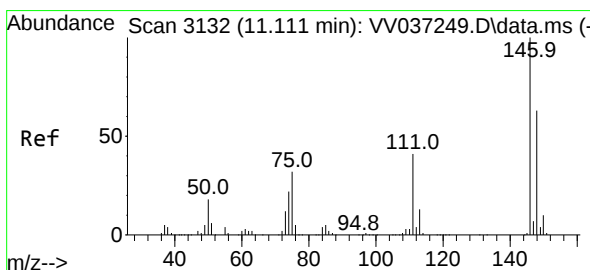
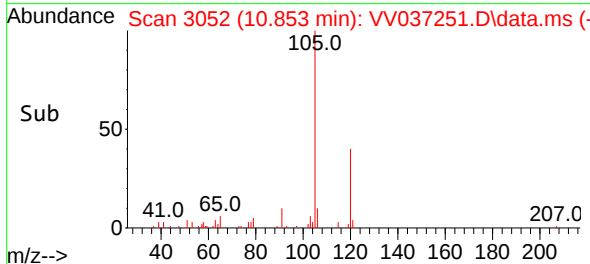
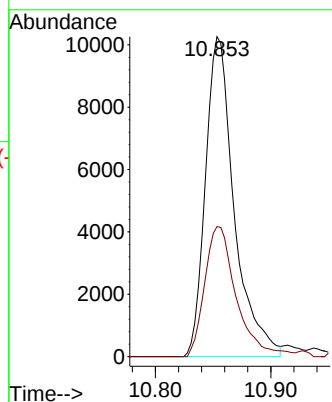
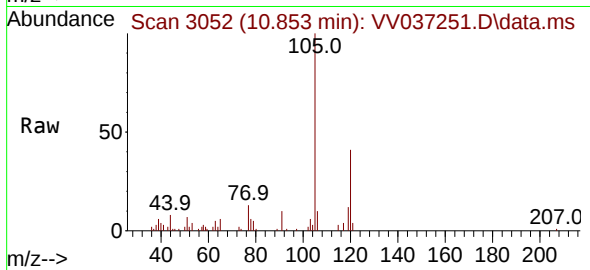
MDL-WATER-QT3-2024-06

Tgt Ion:105 Resp: 17752
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.2 54.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024



#64

1,3-Dichlorobenzene

Concen: 0.239 ug/L

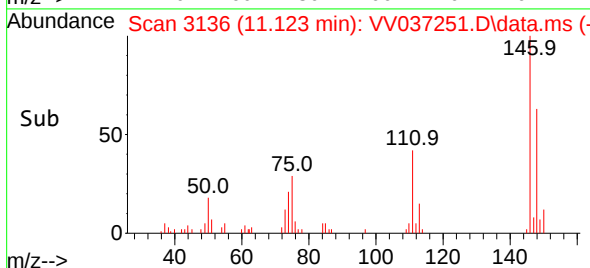
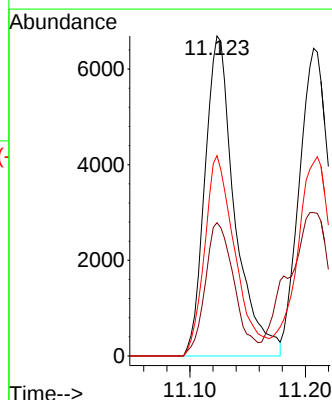
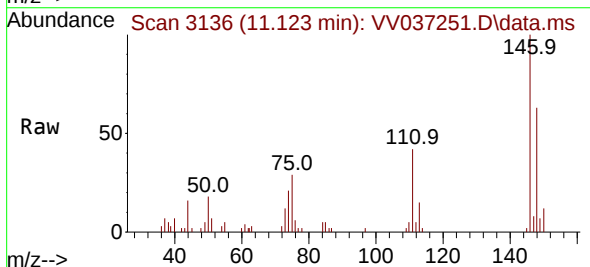
RT: 11.123 min Scan# 3136

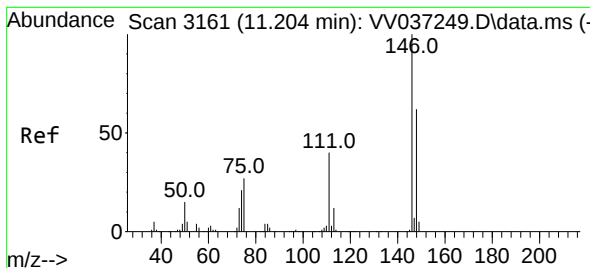
Delta R.T. 0.013 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:146 Resp: 11996
 Ion Ratio Lower Upper
 146 100
 111 41.7 28.8 53.4
 148 62.6 45.6 84.6





#65

1,4-Dichlorobenzene

Concen: 0.247 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

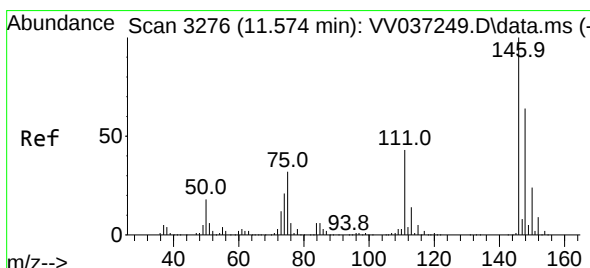
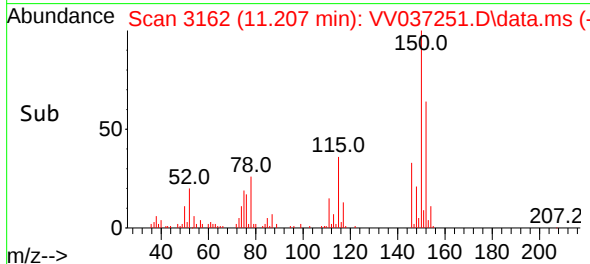
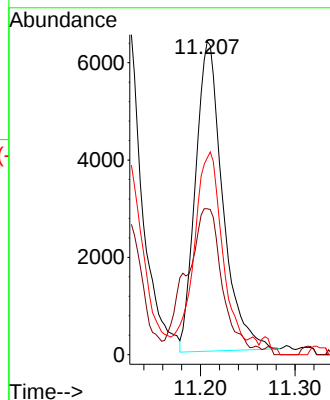
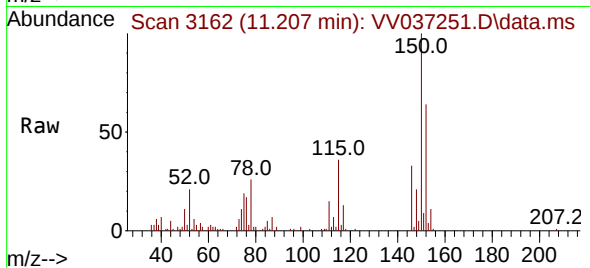
MDL-WATER-QT3-2024-06

Tgt Ion:146	Resp:	12729
Ion Ratio	Lower	Upper
146	100	
111	46.6	28.2 52.4
148	62.8	45.8 85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#67

1,2-Dichlorobenzene

Concen: 0.275 ug/L

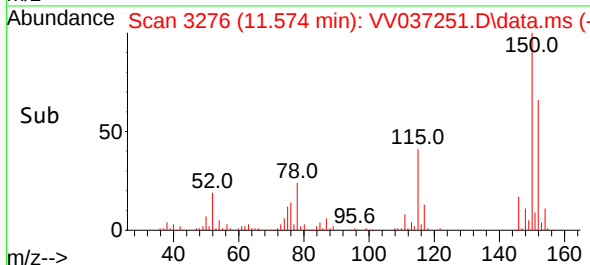
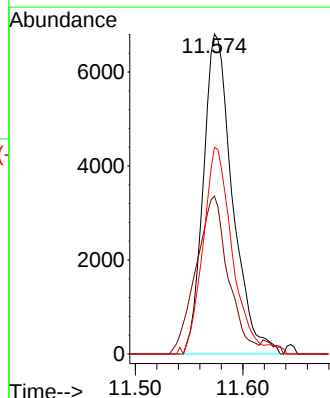
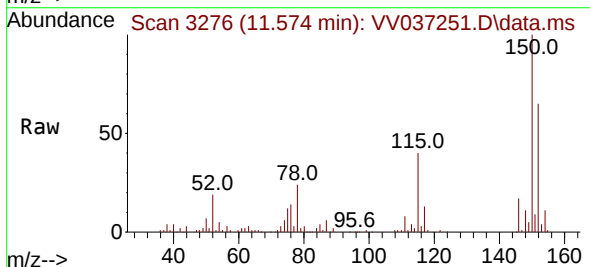
RT: 11.574 min Scan# 3276

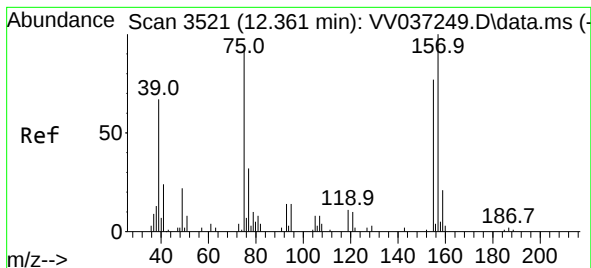
Delta R.T. -0.000 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Tgt Ion:146	Resp:	12799
Ion Ratio	Lower	Upper
146	100	
111	49.3	34.4 51.6
148	64.5	51.8 77.6





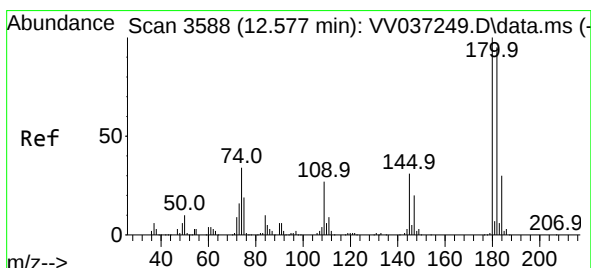
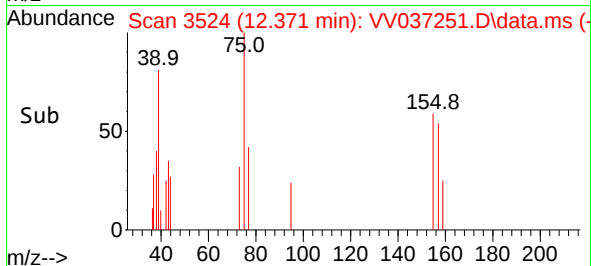
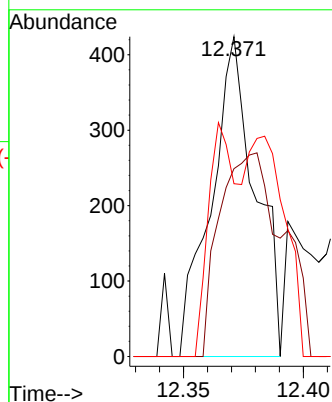
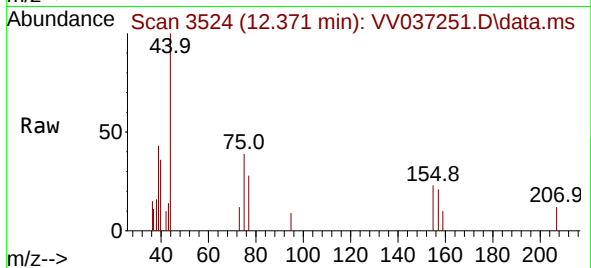
#68
1,2-Dibromo-3-chloropropane
Concen: 0.181 ug/L
RT: 12.371 min Scan# 3521
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-06

Tgt Ion: 75 Resp: 54.0
Ion Ratio Lower Upper
75 100
155 58.7 60.6 90.8
157 54.0 81.1 121.7

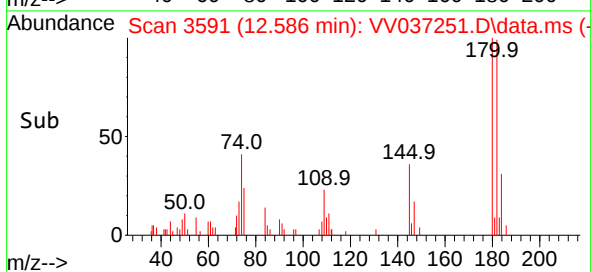
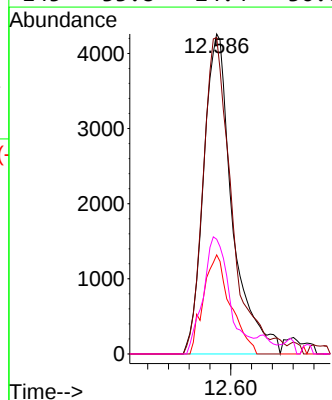
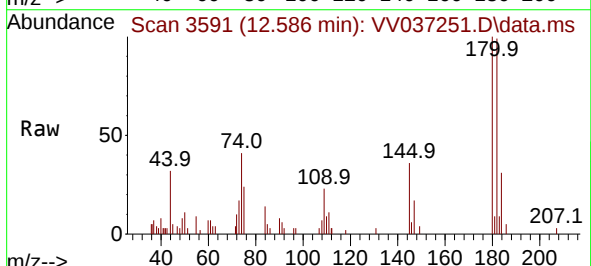
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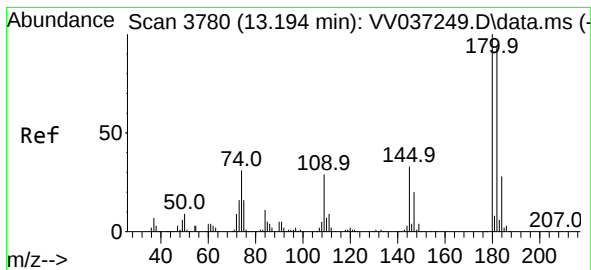
Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#69
1,3,5-Trichlorobenzene
Concen: 0.228 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. 0.010 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Tgt Ion:180 Resp: 8161
Ion Ratio Lower Upper
180 100
182 96.7 74.3 111.5
184 29.2 24.3 36.5
145 33.8 24.4 36.6





#70

1,2,4-trichlorobenzene

Concen: 0.229 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

Instrument :

MSVOA_V

ClientSampleId :

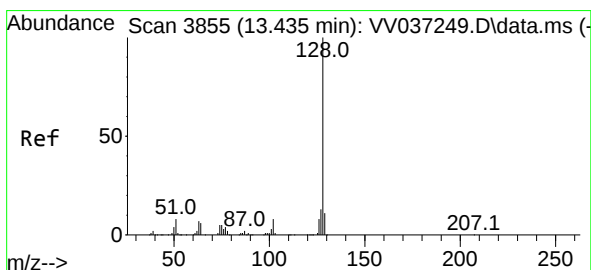
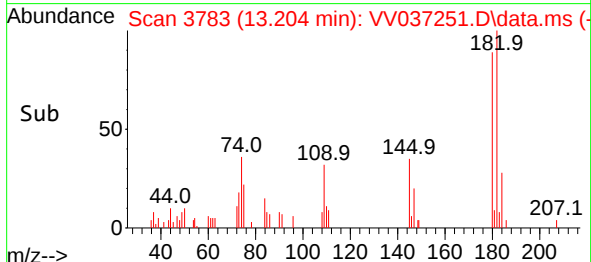
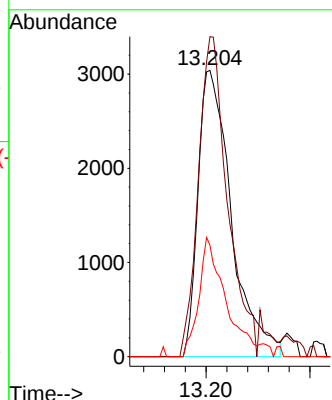
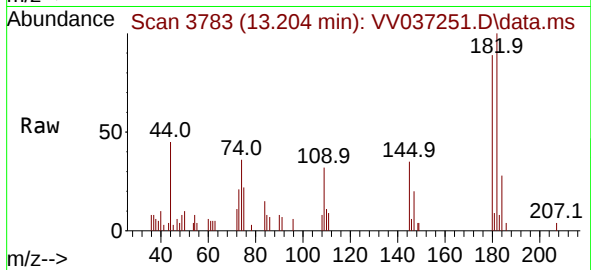
MDL-WATER-QT3-2024-06

Tgt Ion:180	Resp: 676
Ion Ratio	Lower Upper
180 100	
182 97.6	75.4 113.0
145 33.2	25.8 38.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#71

Naphthalene

Concen: 0.272 ug/L

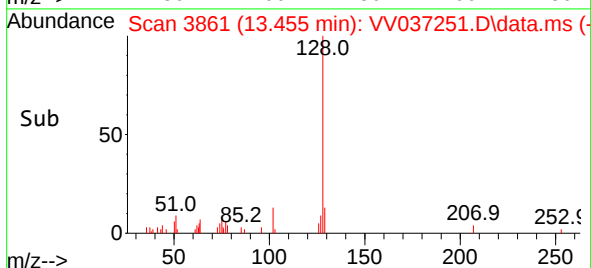
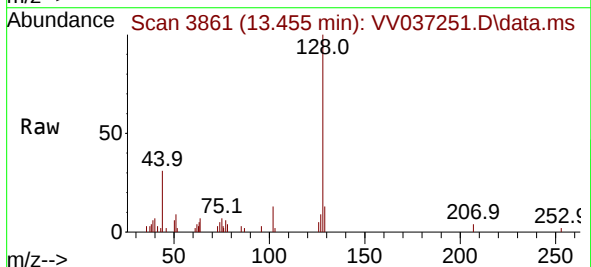
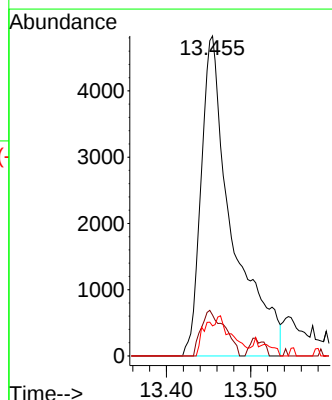
RT: 13.455 min Scan# 3861

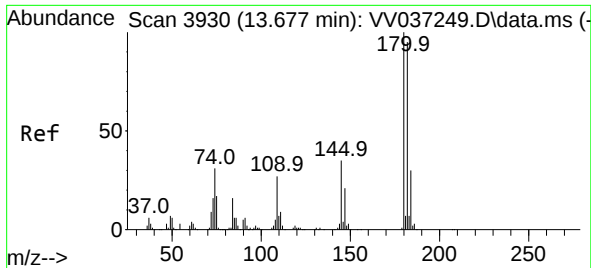
Delta R.T. 0.019 min

Lab File: VV037251.D

Acq: 11 Sep 2024 11:45

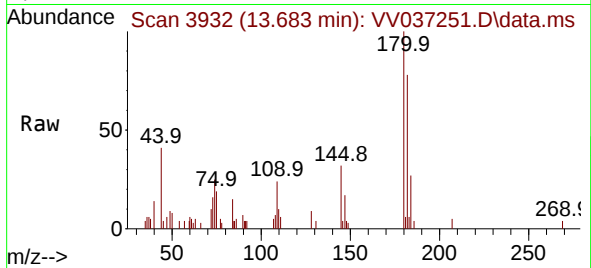
Tgt Ion:128	Resp: 12272
Ion Ratio	Lower Upper
128 100	
129 10.8	8.6 12.8
127 3.8	10.2 15.2





#72
1,2,3-Trichlorobenzene
Concen: 0.255 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV037251.D
Acq: 11 Sep 2024 11:45

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06



Tgt Ion:	180	Resp:	6218
Ion Ratio	Lower	Upper	
180	100		
182	89.8	73.4	110.0
145	36.2	27.2	40.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

