

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080524\
 Data File : VW036777.D
 Acq On : 05 Aug 2024 11:35
 Operator : SY/MD
 Sample : P3391-02 2.5 PPB MDL
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 06 05:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
 Supervised By :Semsettin Yesilyurt 08/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	473391	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	442301	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	214283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189481	50.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.220%
7) Chloroethane-d5	1.532	69	153932	51.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.240%
11) 1,1-Dichloroethene-d2	2.056	65	83322	51.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.040%
21) 2-Butanone-d5	3.789	46	173891	86.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.800%
24) Chloroform-d	4.240	84	344144	50.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.440%
26) 1,2-Dichloroethane-d4	4.934	65	226585	51.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.880%
32) Benzene-d6	4.950	84	713034	53.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.740%
36) 1,2-Dichloropropane-d6	5.982	67	228216	52.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.900%
41) Toluene-d8	7.236	98	650236	53.061	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.120%
43) trans-1,3-Dichloroprop...	7.548	79	110647	49.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.660%
47) 2-Hexanone-d5	8.024	63	99983	80.683	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.680%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	226752	45.822	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	11.554	152	230660	52.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	7357	1.949	ug/L	97
3) Chloromethane	1.217	50	7443	1.884	ug/L	93
5) Vinyl chloride	1.281	62	8740	2.154	ug/L #	54
6) Bromomethane	1.487	94	5353	2.096	ug/L	92
8) Chloroethane	1.548	64	4375	1.741	ug/L	95
9) Trichlorofluoromethane	1.712	101	9208	1.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7902	2.524	ug/L #	76
12) 1,1-Dichloroethene	2.066	96	7602	2.542	ug/L #	1
14) Carbon disulfide	2.240	76	19202	2.044	ug/L	96
15) Methyl Acetate	2.371	43	5830	1.688	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	5745	1.855	ug/L	94
18) Methyl tert-butyl Ether	2.706	73	19308	1.770	ug/L	97
19) 1,1-Dichloroethane	3.105	63	12180	1.946	ug/L #	96
20) cis-1,2-Dichloroethene	3.812	96	7303	2.009	ug/L	83
22) 2-Butanone	3.905	43	8668m	3.860	ug/L	
23) Bromochloromethane	4.156	128	3396m	1.923	ug/L	
27) 1,2-Dichloroethane	5.053	62	8851m	1.746	ug/L	
29) Cyclohexane	4.567	56	10493m	1.862	ug/L	
30) 1,1,1-Trichloroethane	4.500	97	10025	1.799	ug/L #	79

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

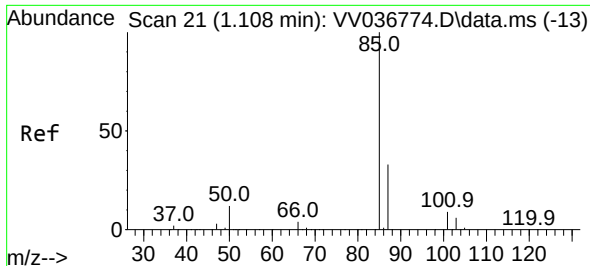
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
 Supervised By :Semsettin Yesilyurt 08/08/2024

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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.725	117	8304	1.774	ug/L	98
33) Benzene	5.008	78	24628	1.862	ug/L	100
34) Trichloroethene	5.834	95	7941	2.071	ug/L	89
35) Methylcyclohexane	6.043	83	11381m	1.934	ug/L	
37) 1,2-Dichloropropane	6.098	63	6000	1.712	ug/L #	93
38) Bromodichloromethane	6.439	83	8077	1.674	ug/L #	95
39) cis-1,3-Dichloropropene	6.963	75	8878	1.479	ug/L	90
42) Toluene	7.320	91	24498	1.739	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	7919	1.416	ug/L	92
45) 1,1,2-Trichloroethane	7.776	97	5810	1.712	ug/L	91
46) Tetrachloroethene	7.905	164	4915	1.954	ug/L	83
48) 2-Hexanone	8.085	43	23979	7.508	ug/L #	95
49) Dibromochloromethane	8.175	129	6121	1.755	ug/L	99
50) 1,2-Dibromoethane	8.284	107	6179	1.755	ug/L	98
51) Chlorobenzene	8.812	112	16469	1.822	ug/L	99
52) Ethylbenzene	8.950	91	28697	1.784	ug/L	99
53) m,p-Xylene	9.075	106	11235	1.868	ug/L	98
54) o-Xylene	9.480	106	10226	1.738	ug/L	86
55) Styrene	9.503	104	15992	1.586	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	8405	1.835	ug/L #	95
59) Bromoform	9.667	173	3864	1.630	ug/L #	93
60) Isopropylbenzene	9.866	105	27281	1.749	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	6909	1.791	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.474	105	22622	1.742	ug/L	96
63) 1,2,4-Trimethylbenzene	10.850	105	22965	1.766	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	13003	1.938	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	14879	2.181	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	13302	2.030	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.371	75	1705	1.530	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	8573	1.801	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	8626	1.889	ug/L	98
71) Naphthalene	13.442	128	27263	1.862	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	7954	1.780	ug/L	92

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



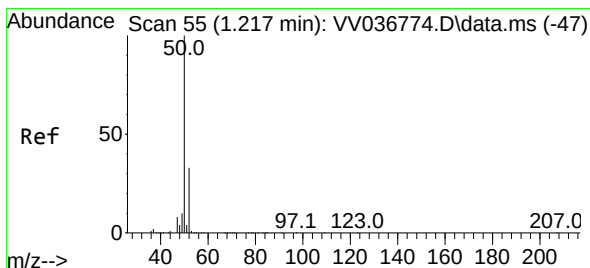
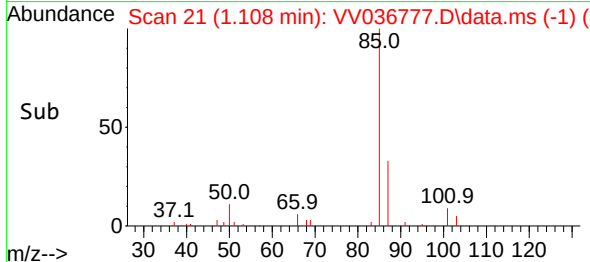
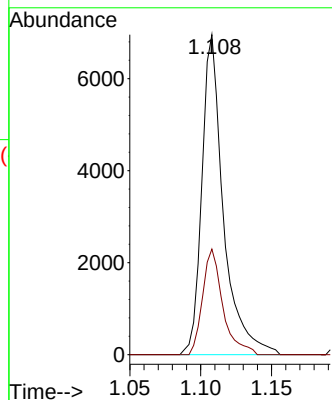
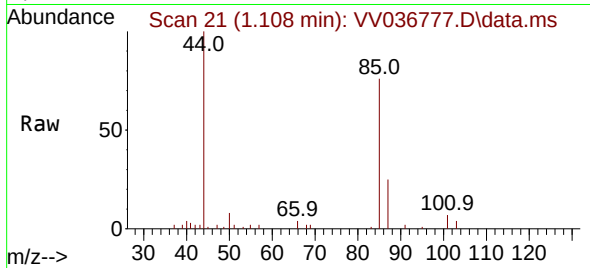
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Dichlorodifluoromethane
Concen: 1.949 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion: 85 Resp: 735
Ion Ratio Lower Upper
85 100
87 31.0 25.9 38.9

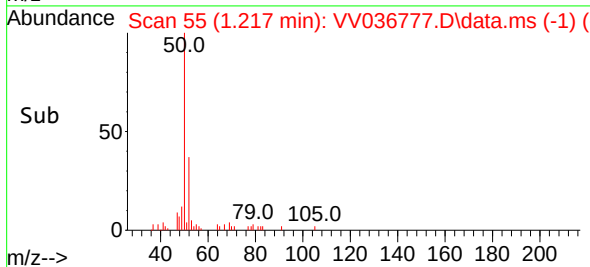
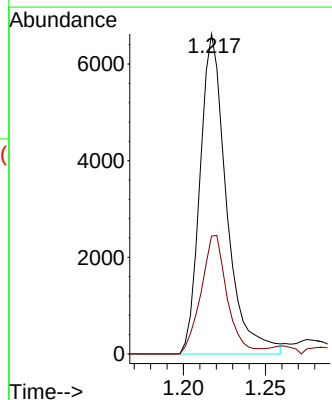
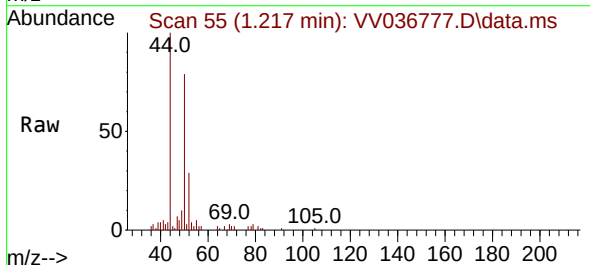
Manual Integrations
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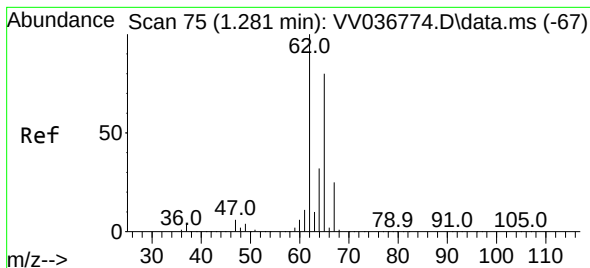
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#3
Chloromethane
Concen: 1.884 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

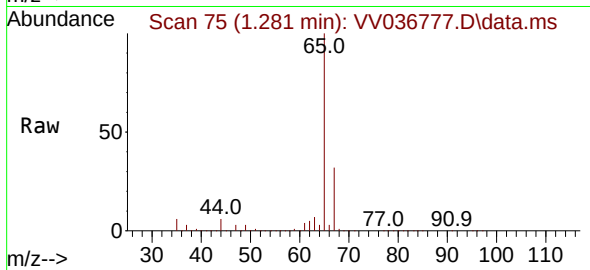
Tgt Ion: 50 Resp: 7443
Ion Ratio Lower Upper
50 100
52 36.9 23.0 42.8





#5
 Vinyl chloride
 Concen: 2.154 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV036777.D
 Acq: 05 Aug 2024 11:35

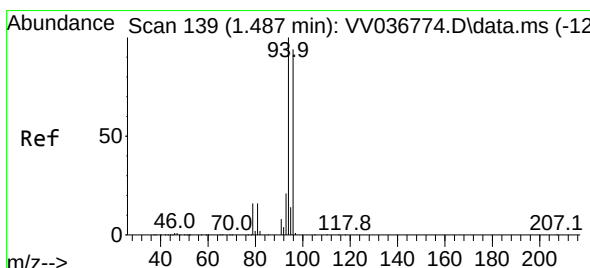
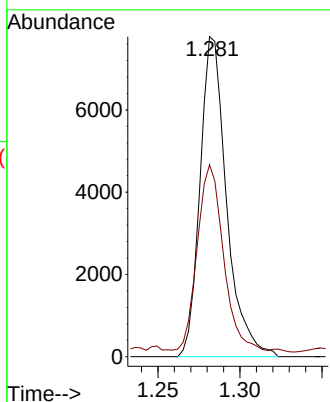
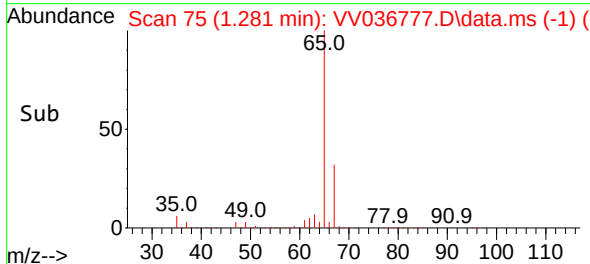
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT3-2024-06DL



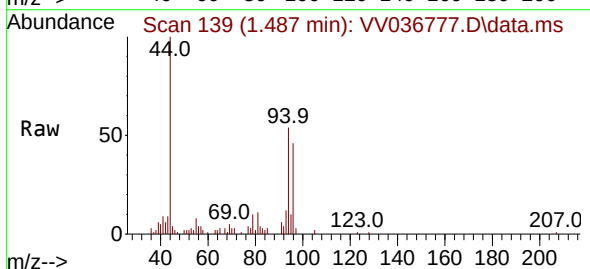
Tgt Ion: 62 Resp: 8740
 Ion Ratio Lower Upper
 62 100
 64 60.0 23.6 43.8

Manual Integrations
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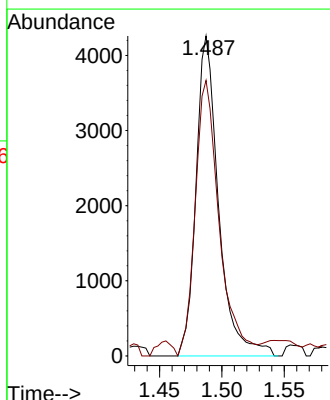
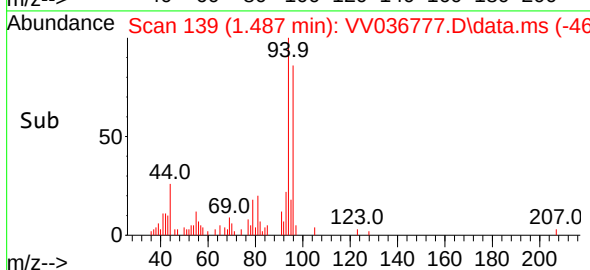
Reviewed By :Mahesh Dadoda 08/07/2024
 Supervised By :Semsettin Yesilyurt 08/08/2024

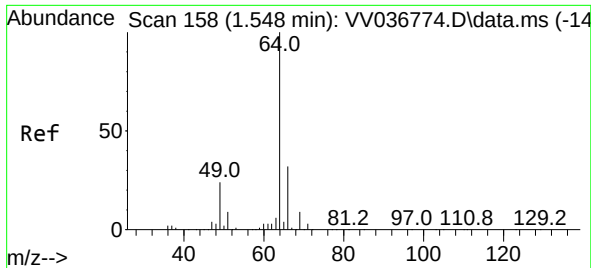


#6
 Bromomethane
 Concen: 2.096 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV036777.D
 Acq: 05 Aug 2024 11:35



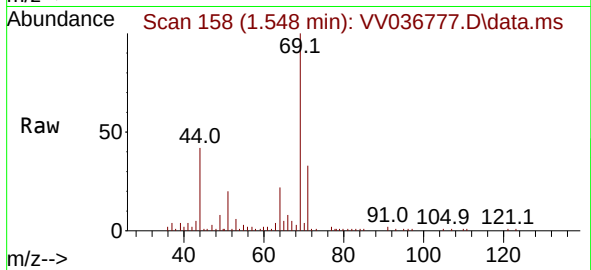
Tgt Ion: 94 Resp: 5353
 Ion Ratio Lower Upper
 94 100
 96 86.1 65.5 121.7





#8
Chloroethane
Concen: 1.741 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

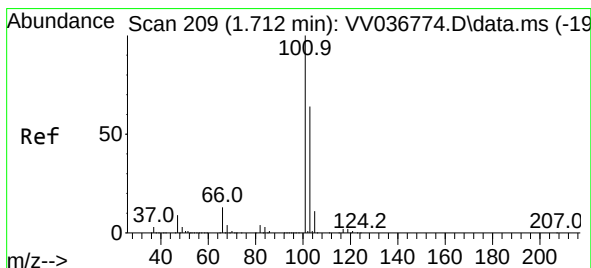
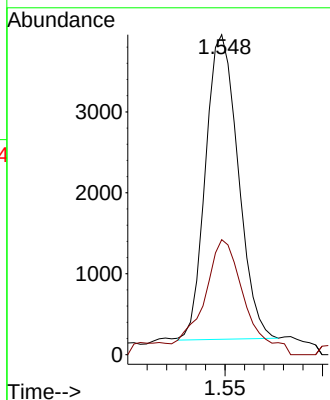
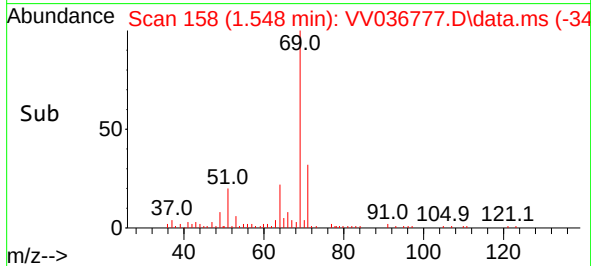
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-06DL



Tgt Ion: 64 Resp: 4375
Ion Ratio Lower Upper
64 100
66 36.0 23.2 43.0

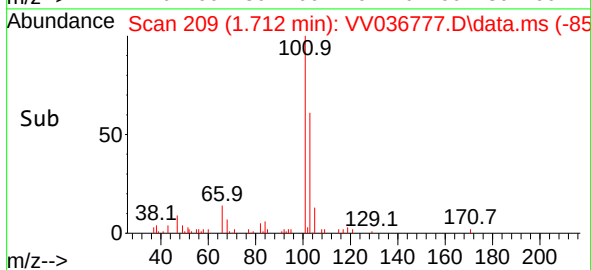
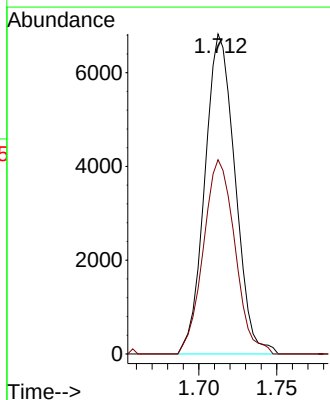
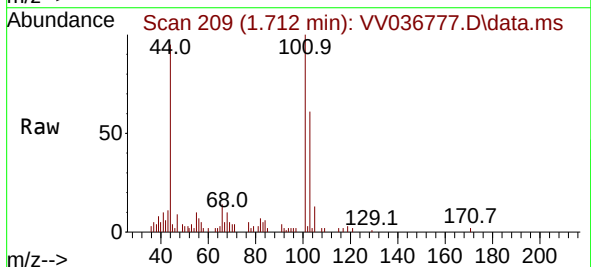
Manual Integrations
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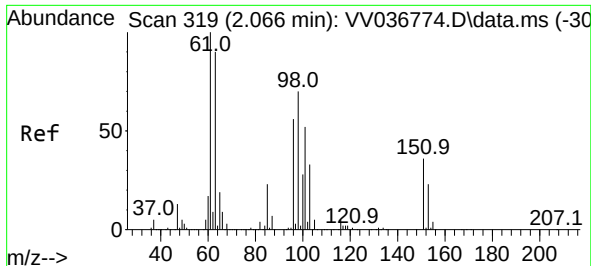
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#9
Trichlorofluoromethane
Concen: 1.733 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:101 Resp: 9208
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0





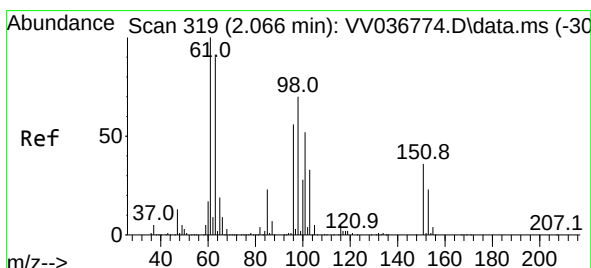
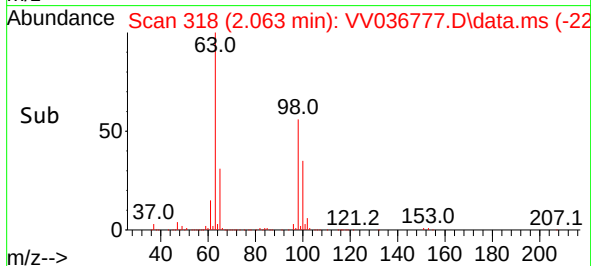
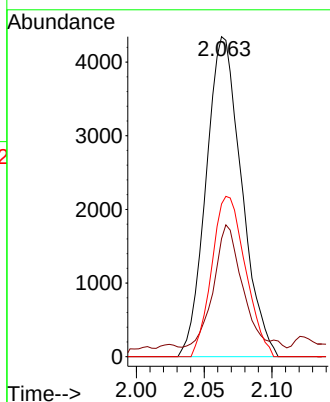
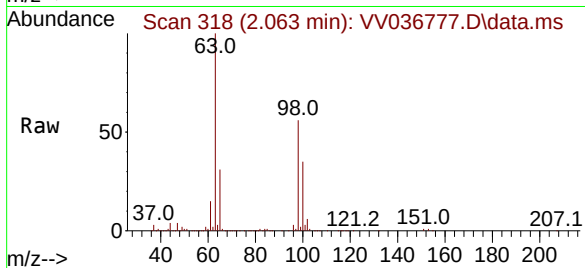
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.524 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion:101 Resp: 7902
Ion Ratio Lower Upper
101 100
85 31.0 34.6 51.8
151 47.5 55.9 83.9

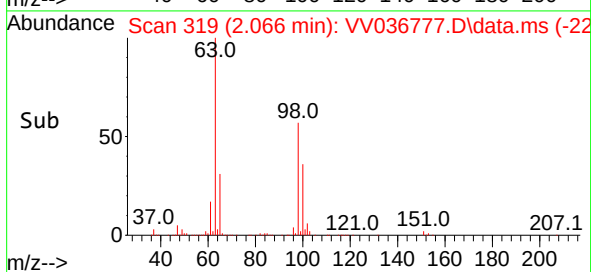
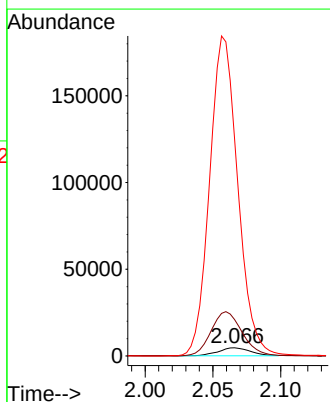
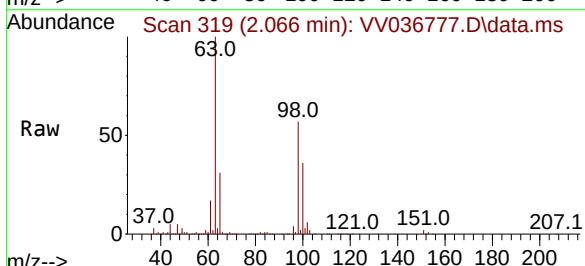
Manual Integrations
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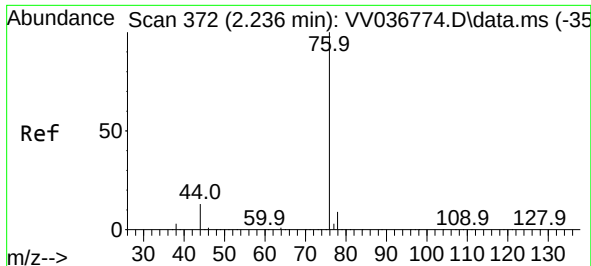
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#12
1,1-Dichloroethene
Concen: 2.542 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

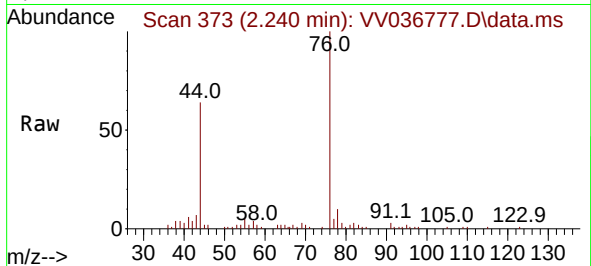
Tgt Ion: 96 Resp: 7602
Ion Ratio Lower Upper
96 100
61 450.6 125.6 233.2#
63 2688.1 95.1 176.7#





#14
Carbon disulfide
Concen: 2.044 ug/L
RT: 2.240 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

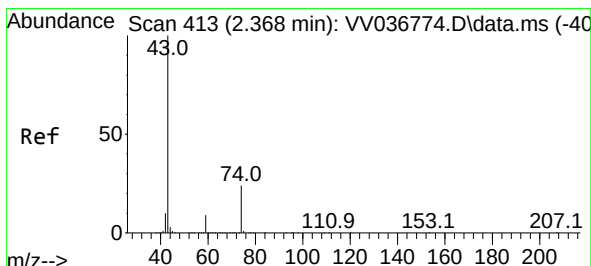
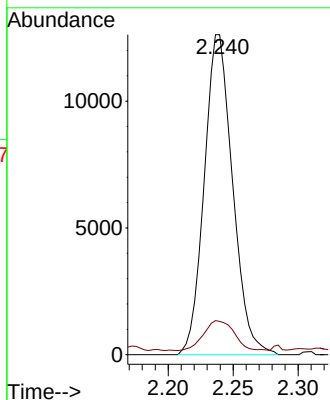
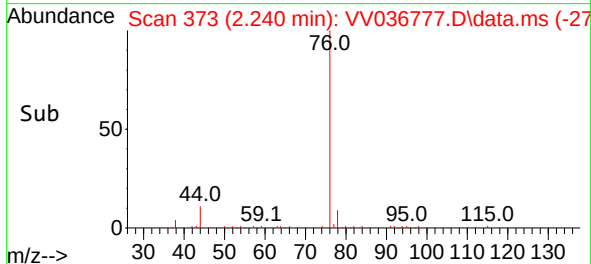
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06DL



Tgt Ion: 76 Resp: 1920
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7

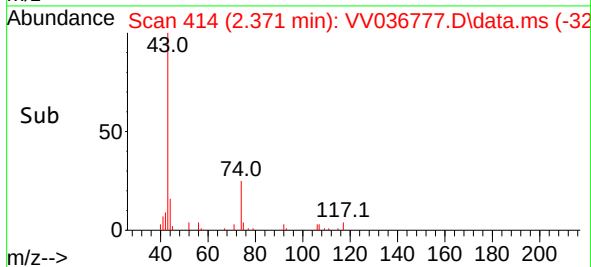
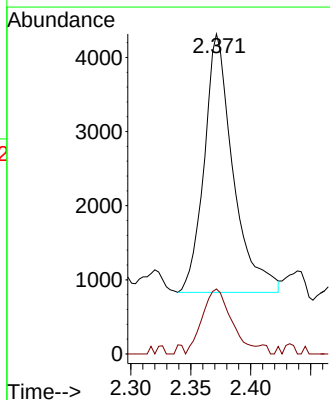
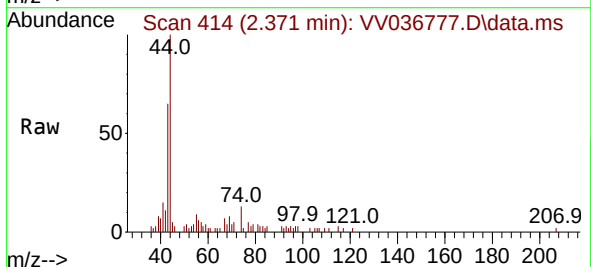
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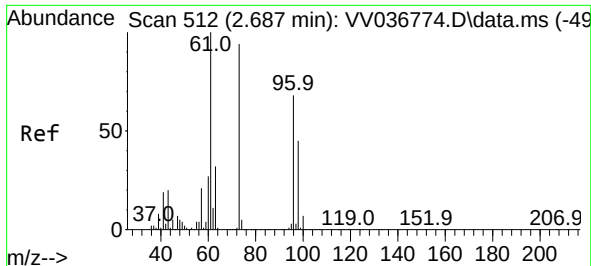
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#15
Methyl Acetate
Concen: 1.688 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV036777.D
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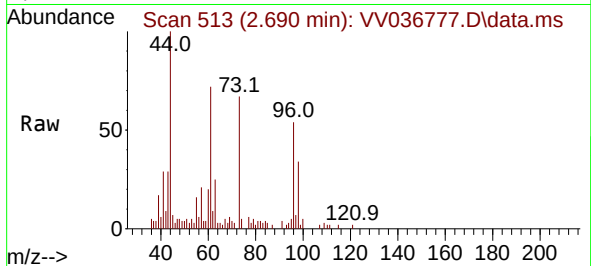
Tgt Ion: 43 Resp: 5830
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.4





#17
trans-1,2-Dichloroethene
Concen: 1.855 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

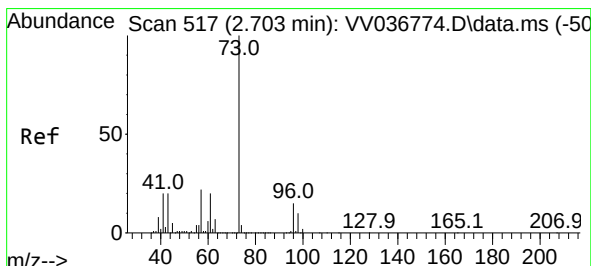
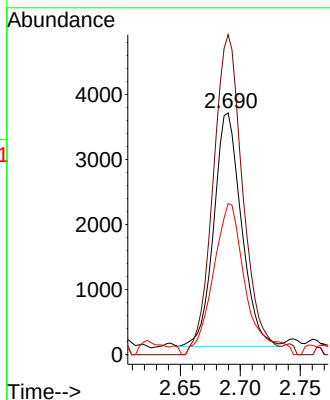
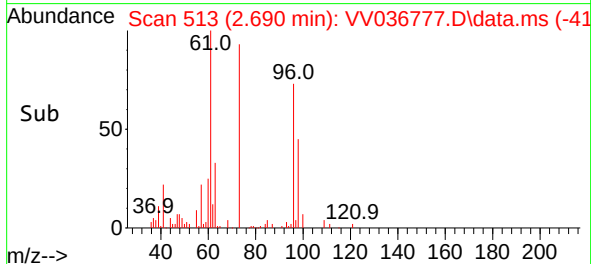
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06DL



Tgt Ion: 96 Resp: 5749
Ion Ratio Lower Upper
96 100
61 132.4 100.0 185.8
98 62.5 44.0 81.8

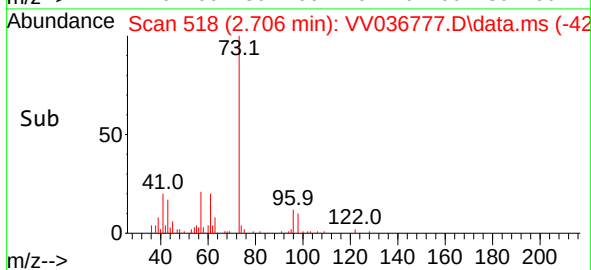
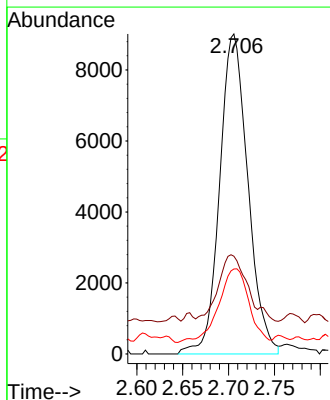
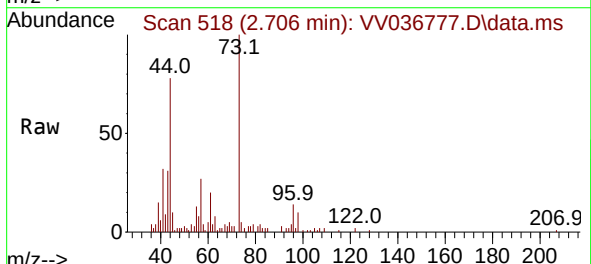
Manual Integrations
APPROVED

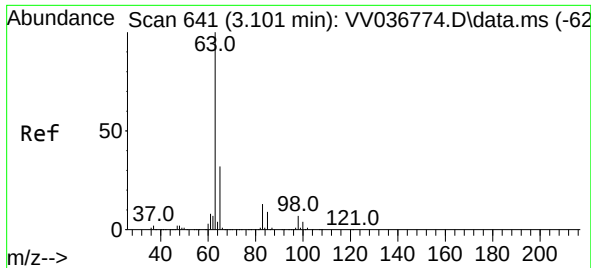
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#18
Methyl tert-butyl Ether
Concen: 1.770 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 73 Resp: 19308
Ion Ratio Lower Upper
73 100
43 18.8 16.1 24.1
57 23.5 17.9 26.9





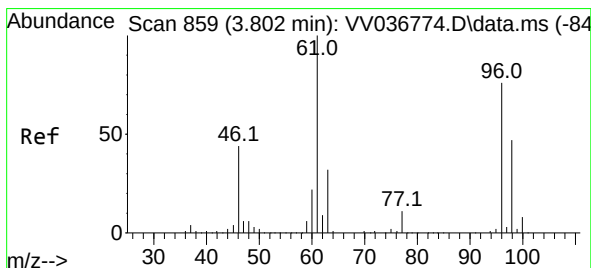
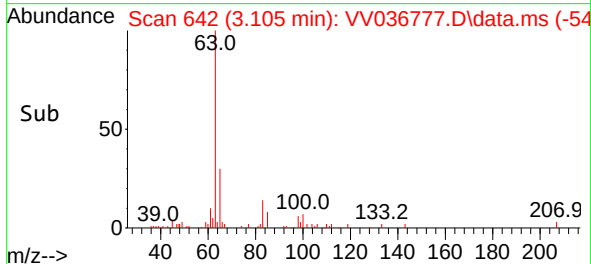
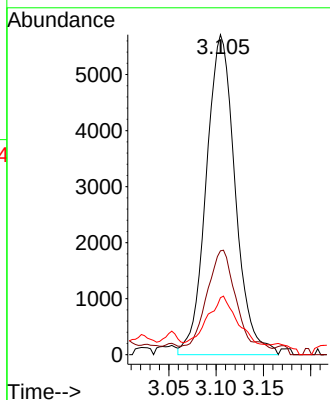
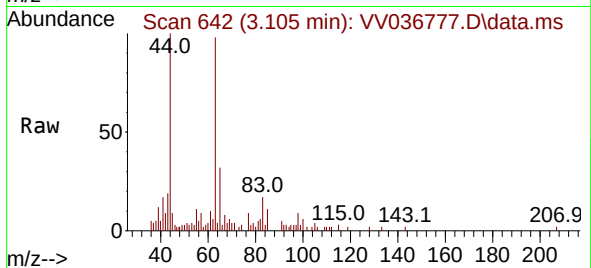
#19
1,1-Dichloroethane
Concen: 1.946 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion: 63 Resp: 12180
Ion Ratio Lower Upper
63 100
65 32.5 23.2 43.0
83 17.8 9.2 17.0

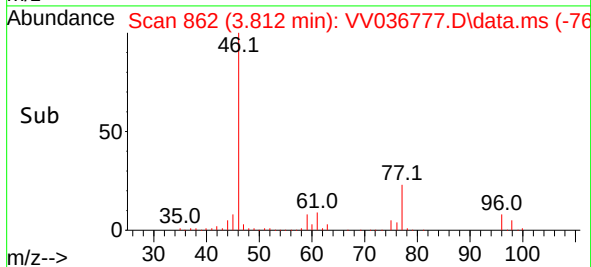
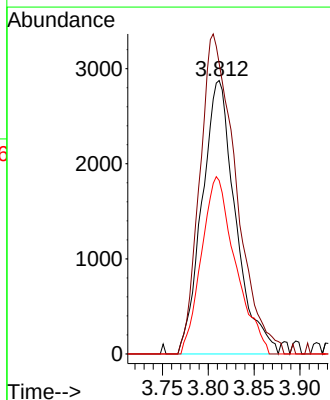
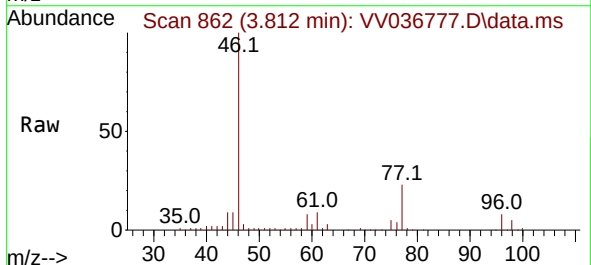
Manual Integrations
APPROVED

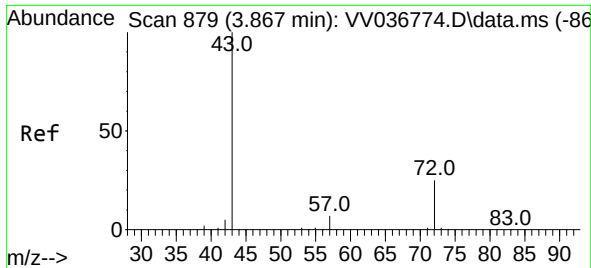
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#20
cis-1,2-Dichloroethene
Concen: 2.009 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

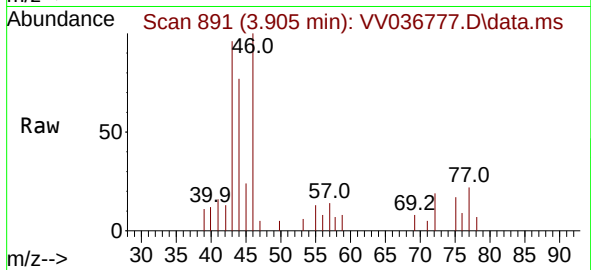
Tgt Ion: 96 Resp: 7303
Ion Ratio Lower Upper
96 100
61 106.3 93.9 174.5
98 63.4 46.0 85.4





#22
2-Butanone
Concen: 3.860 ug/L m
RT: 3.905 min Scan# 891
Delta R.T. 0.039 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

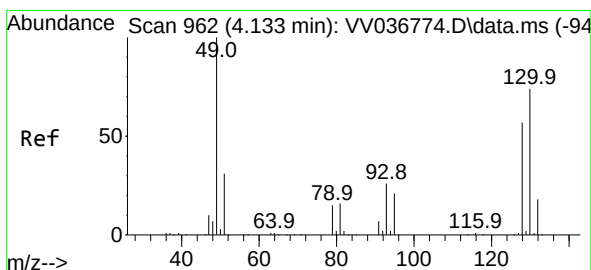
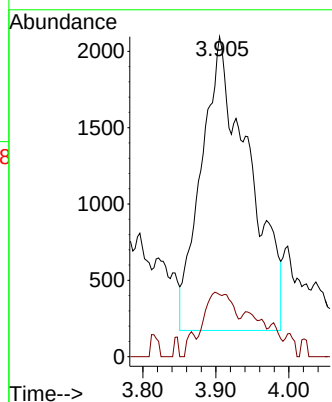
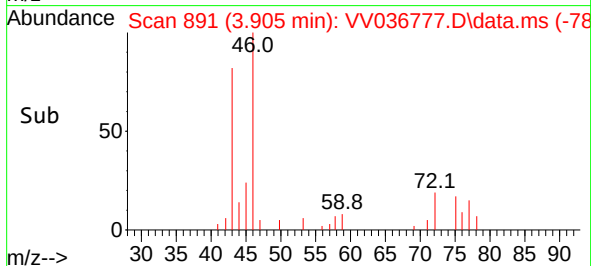
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06DL



Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
72 5.3 12.5 37.5

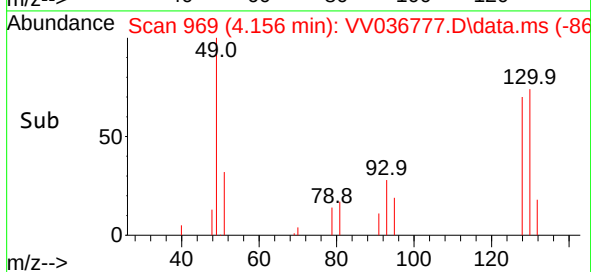
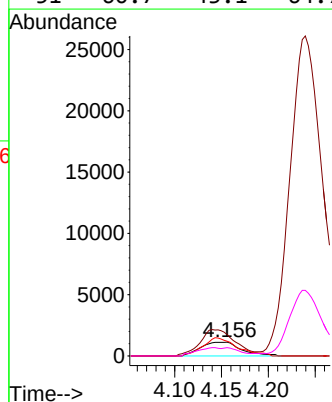
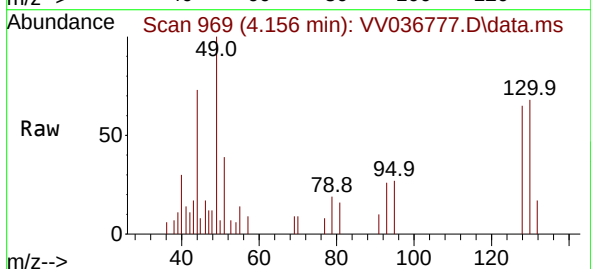
Manual Integrations
APPROVED

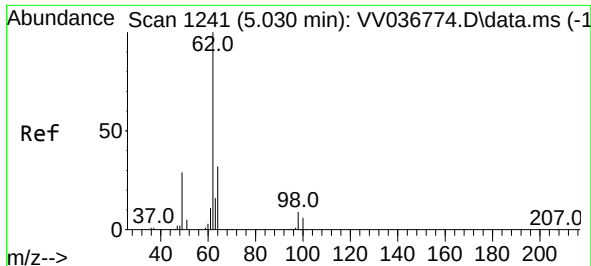
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#23
Bromochloromethane
Concen: 1.923 ug/L m
RT: 4.156 min Scan# 969
Delta R.T. 0.022 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:128 Resp: 3396
Ion Ratio Lower Upper
128 100
49 155.0 120.0 223.0
130 106.1 87.0 161.6
51 60.7 43.1 64.7





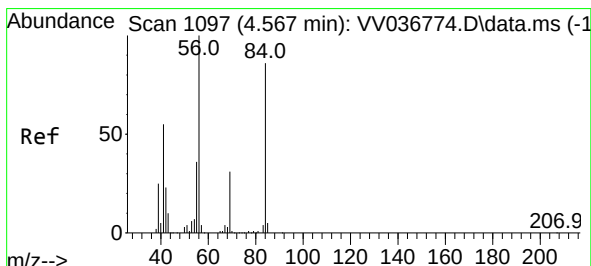
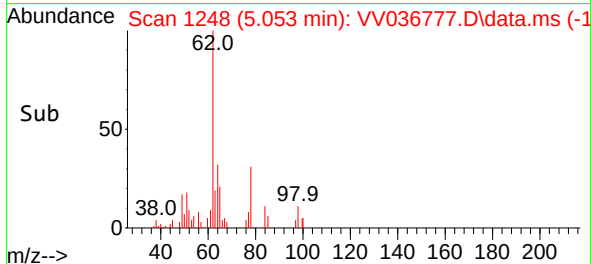
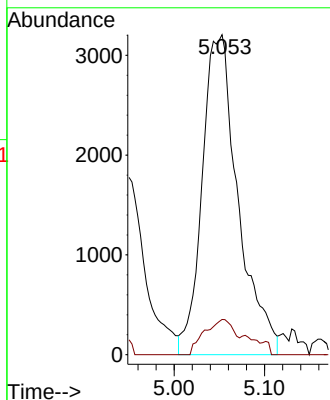
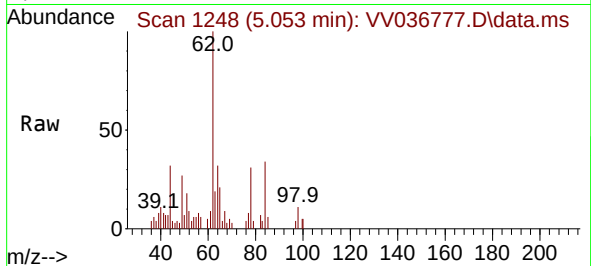
#27
1,2-Dichloroethane
Concen: 1.746 ug/L m
RT: 5.053 min Scan# 1248
Delta R.T. 0.022 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion: 62 Resp: 885
Ion Ratio Lower Upper
62 100
98 11.0 7.5 11.3

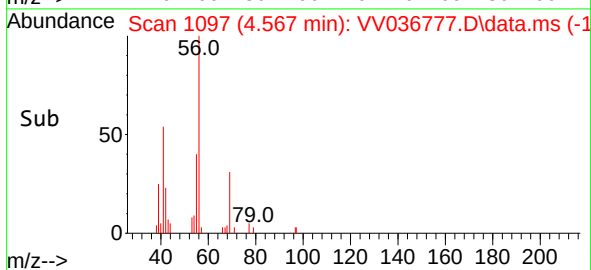
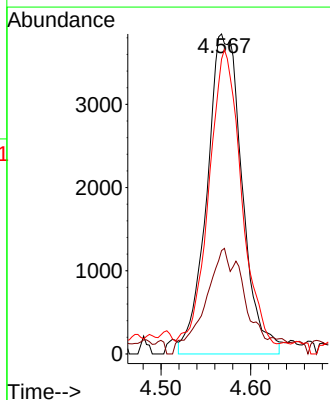
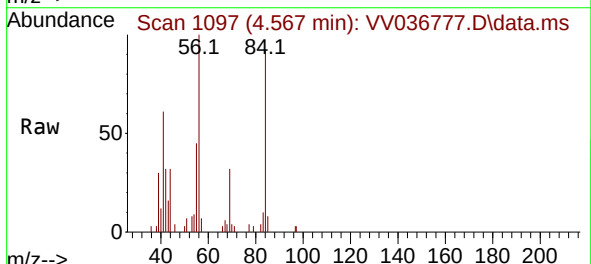
Manual Integrations
APPROVED

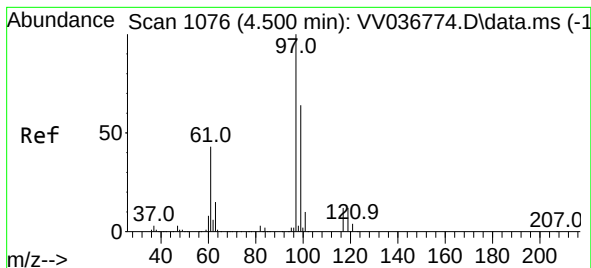
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#29
Cyclohexane
Concen: 1.862 ug/L m
RT: 4.567 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 56 Resp: 10493
Ion Ratio Lower Upper
56 100
69 16.8 24.7 37.1#
84 83.4 68.5 102.7





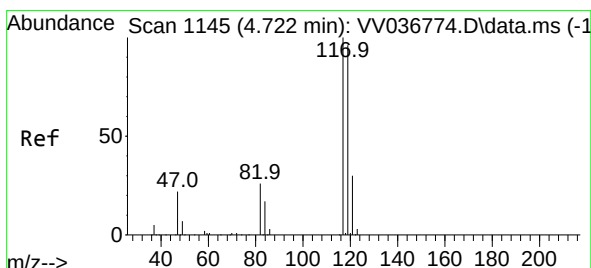
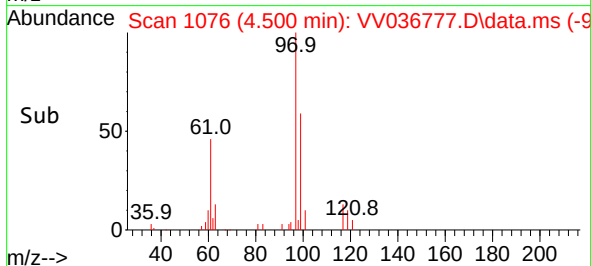
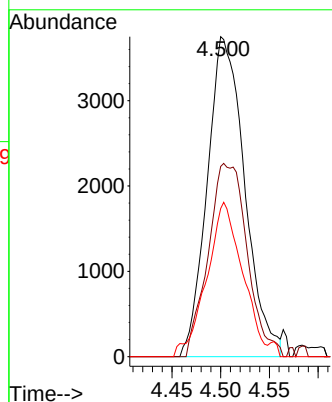
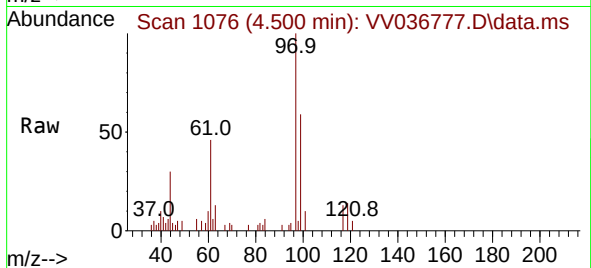
#30
1,1,1-Trichloroethane
Concen: 1.799 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion: 97 Resp: 1002
Ion Ratio Lower Upper
97 100
99 36.2 51.5 77.3
61 45.2 36.0 54.0

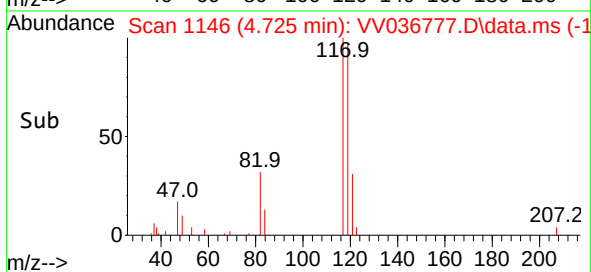
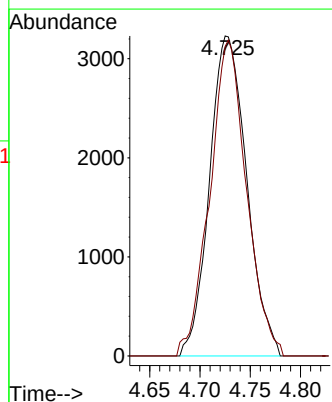
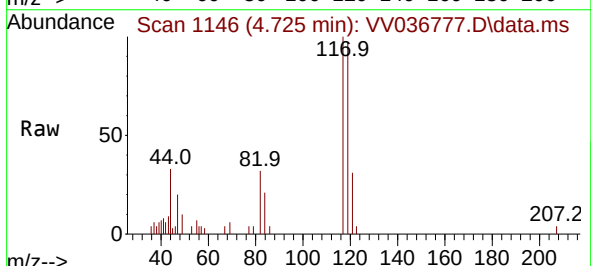
Manual Integrations
APPROVED

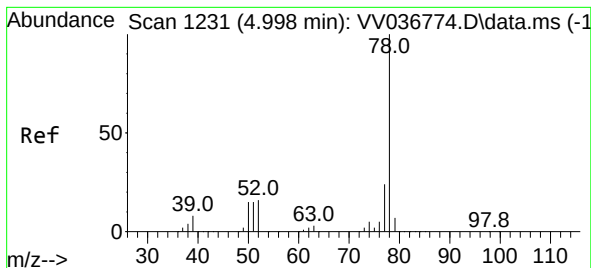
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#31
Carbon tetrachloride
Concen: 1.774 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:117 Resp: 8304
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1





#33

Benzene

Concen: 1.862 ug/L

RT: 5.008 min Scan# 1490

Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

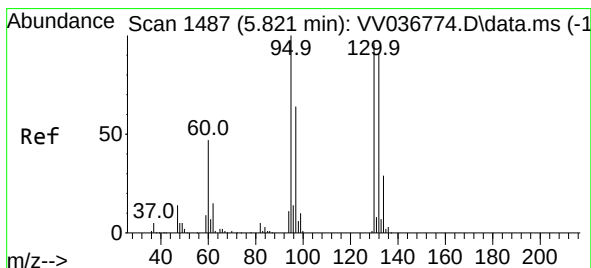
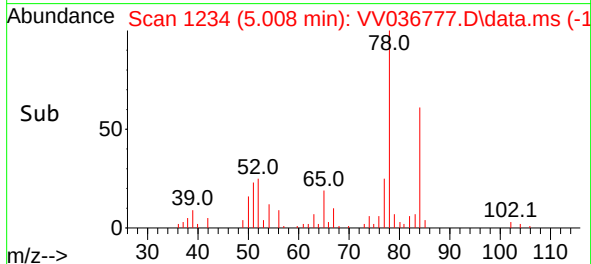
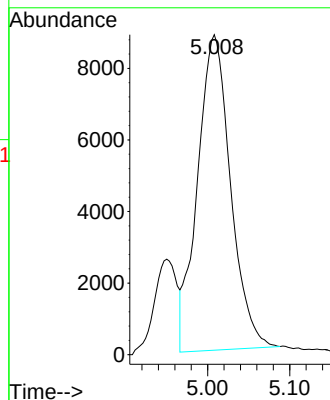
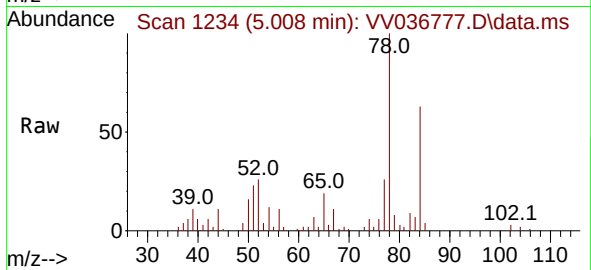
MDL-WATER-QT3-2024-06DL

Tgt Ion: 78 Resp: 24628

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#34

Trichloroethene

Concen: 2.071 ug/L

RT: 5.834 min Scan# 1491

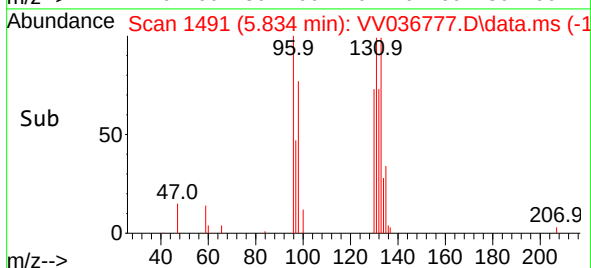
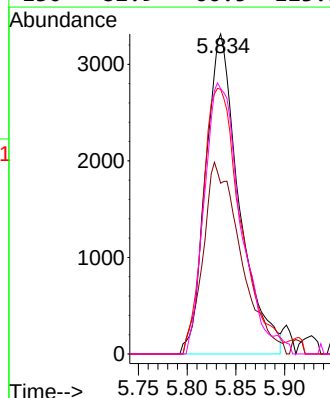
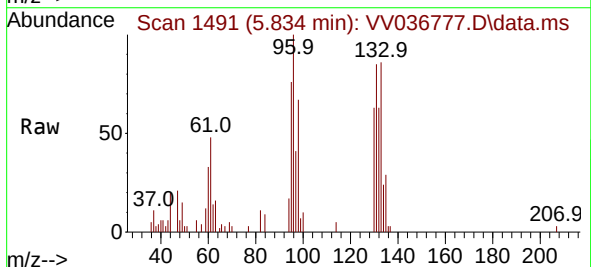
Delta R.T. 0.013 min

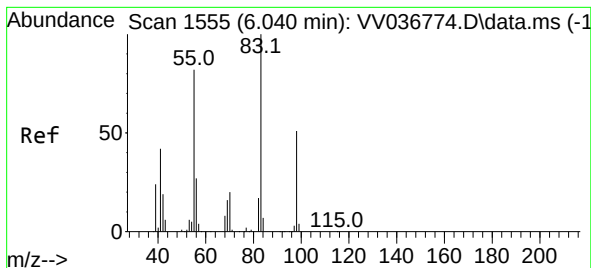
Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion: 95 Resp: 7941

Ion	Ratio	Lower	Upper
95	100		
97	53.3	44.7	82.9
132	82.7	62.9	116.9
130	82.9	66.5	123.5





#35

Methylcyclohexane

Concen: 1.934 ug/L m

RT: 6.043 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

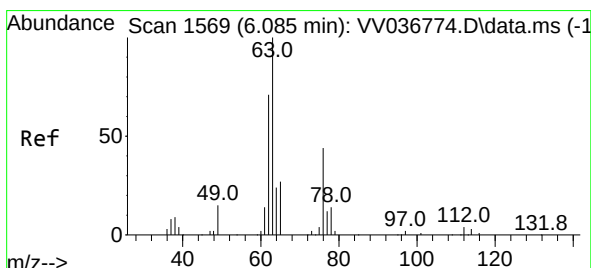
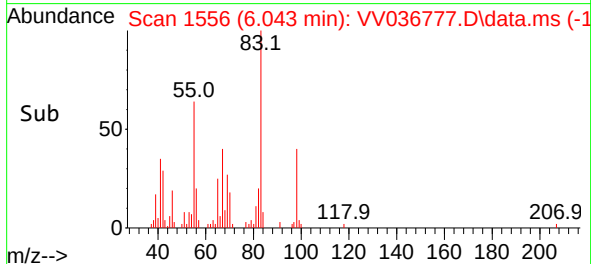
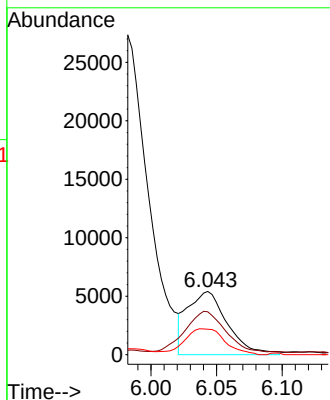
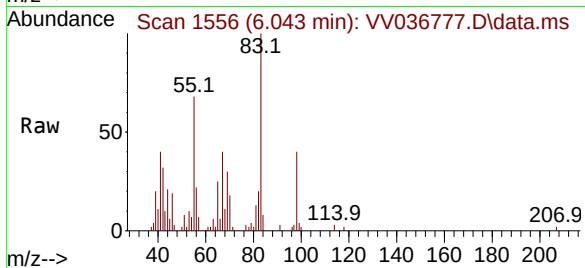
MDL-WATER-QT3-2024-06DL

Tgt Ion:	83	Resp:	1138
Ion	Ratio	Lower	Upper
83	100		
55	3.6	62.3	93.5
98	9.2	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#37

1,2-Dichloropropane

Concen: 1.712 ug/L

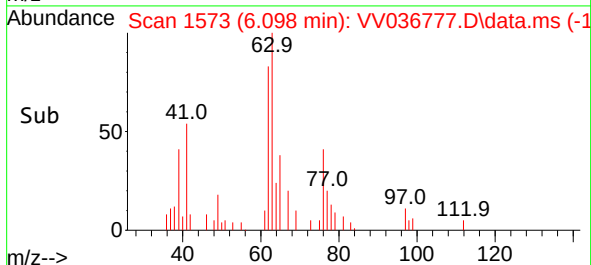
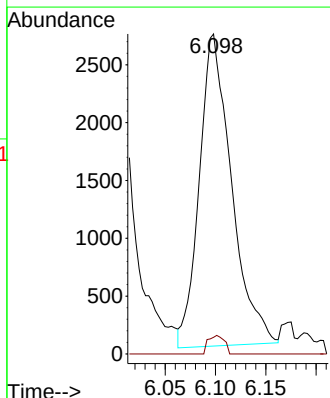
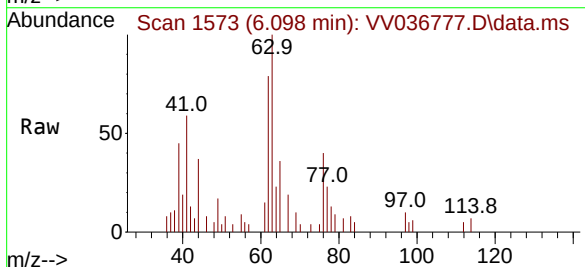
RT: 6.098 min Scan# 1573

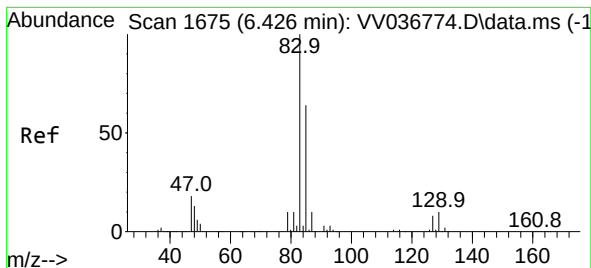
Delta R.T. 0.013 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:	63	Resp:	6000
Ion	Ratio	Lower	Upper
63	100		
112	2.2	3.6	5.4





#38

Bromodichloromethane

Concen: 1.674 ug/L

RT: 6.439 min Scan# 1675

Delta R.T. 0.013 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

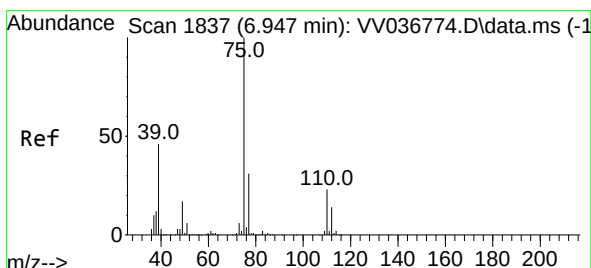
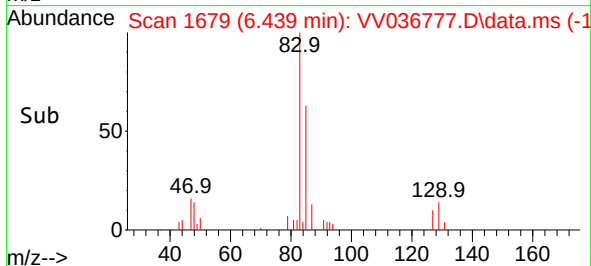
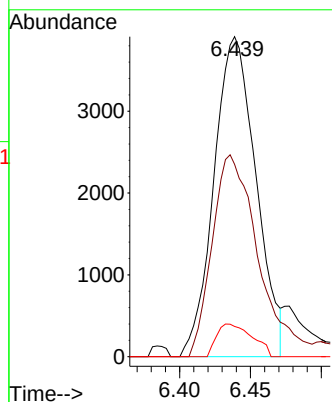
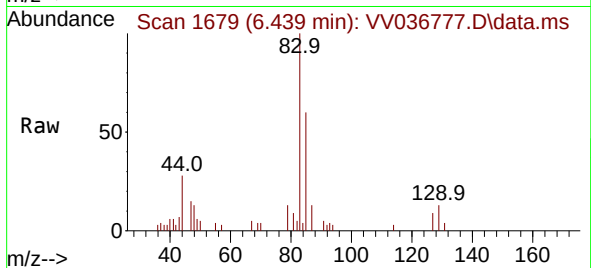
MDL-WATER-QT3-2024-06DL

Tgt Ion:	83	Resp:	807
Ion Ratio	Lower	Upper	
83	100		
85	60.1	44.7	83.1
127	9.5	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#39

cis-1,3-Dichloropropene

Concen: 1.479 ug/L

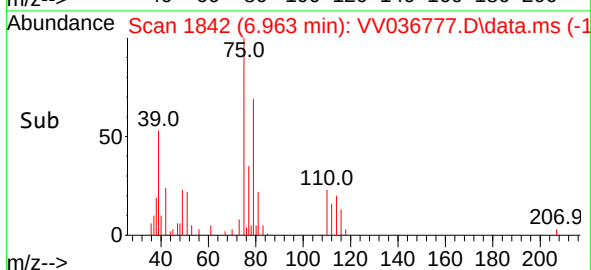
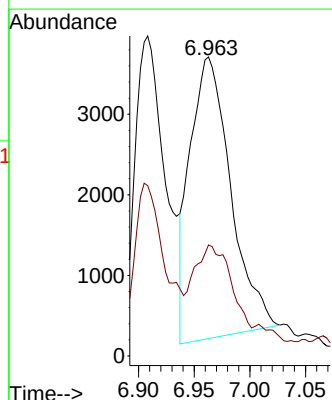
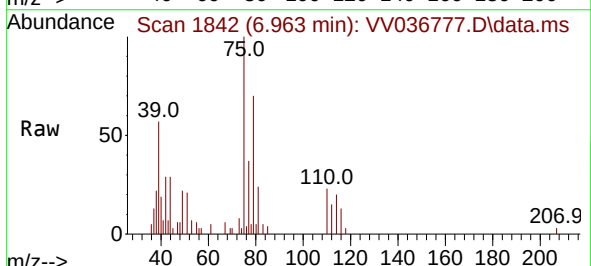
RT: 6.963 min Scan# 1842

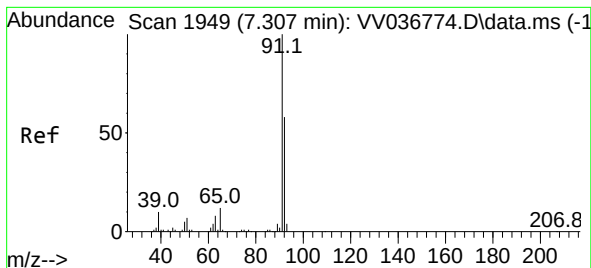
Delta R.T. 0.016 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:	75	Resp:	8878
Ion Ratio	Lower	Upper	
75	100		
77	37.1	22.2	41.2





#42

Toluene

Concen: 1.739 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VV036777.D

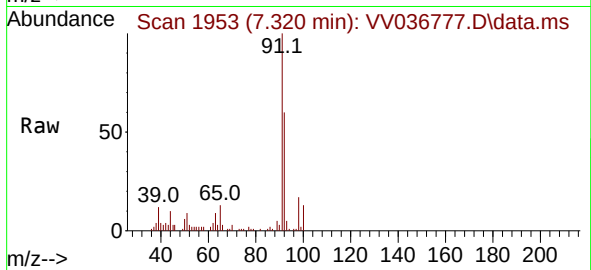
Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2024-06DL



Tgt Ion: 91 Resp: 24498

Ion Ratio Lower Upper

91 100

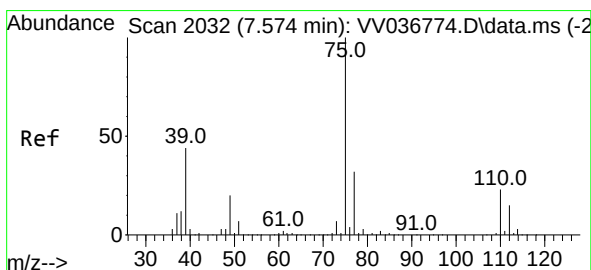
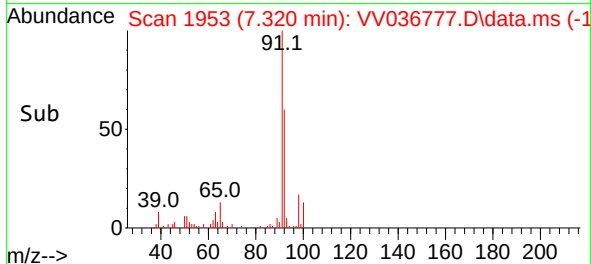
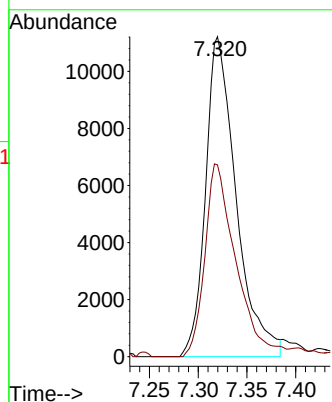
92 59.9 40.5 75.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024

Supervised By :Semsettin Yesilyurt 08/08/2024



#44

trans-1,3-Dichloropropene

Concen: 1.416 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.013 min

Lab File: VV036777.D

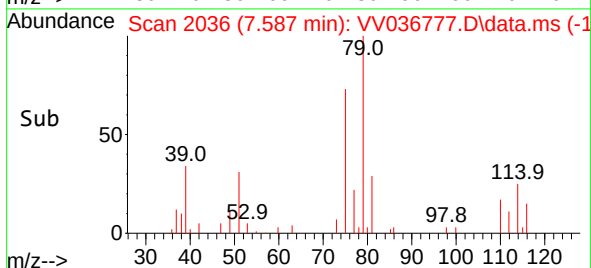
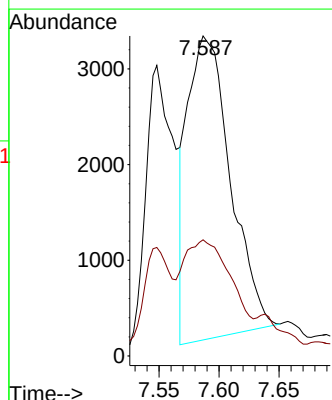
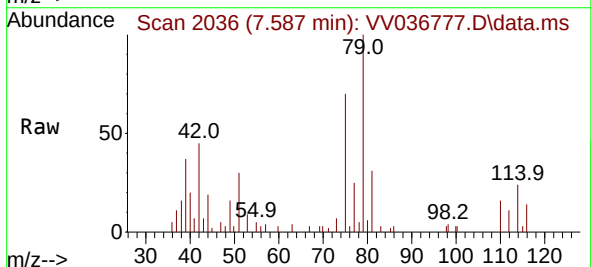
Acq: 05 Aug 2024 11:35

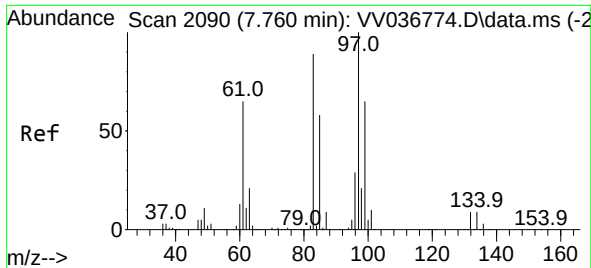
Tgt Ion: 75 Resp: 7919

Ion Ratio Lower Upper

75 100

77 36.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 1.712 ug/L

RT: 7.776 min Scan# 2090

Delta R.T. 0.016 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2024-06DL

Tgt Ion: 97 Resp: 5810

Ion Ratio Lower Upper

97 100

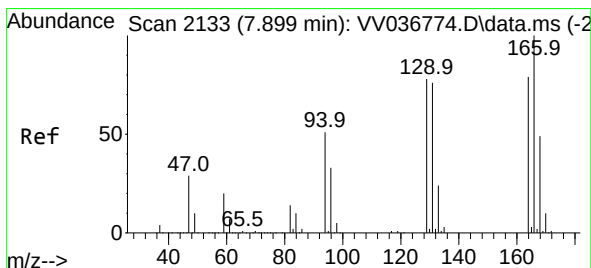
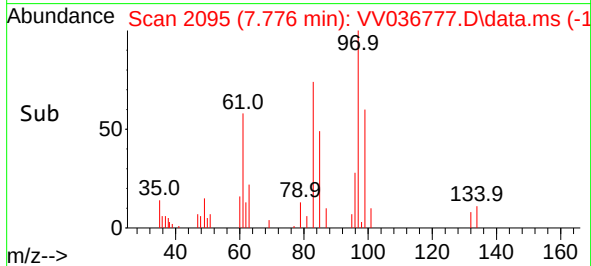
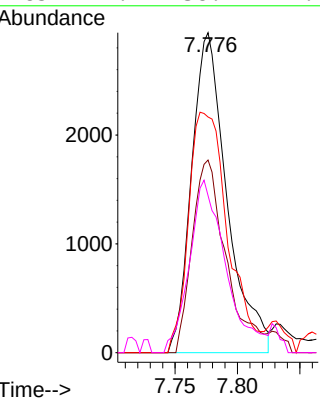
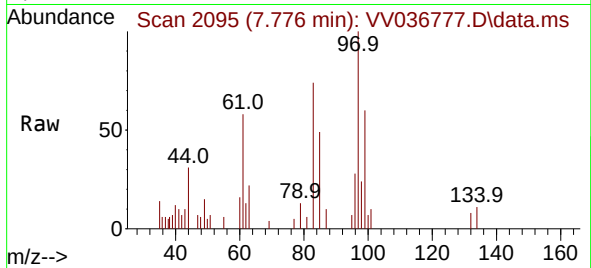
99 60.2 44.0 81.6

83 73.7 60.1 111.5

85 49.1 38.4 71.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024

#46

Tetrachloroethene

Concen: 1.954 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:164 Resp: 4915

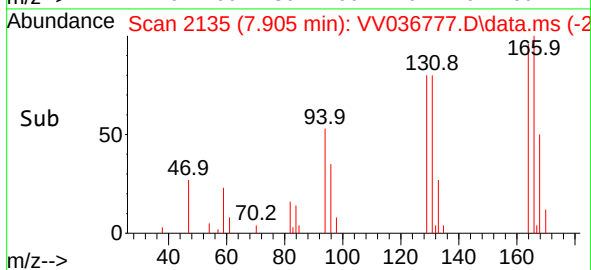
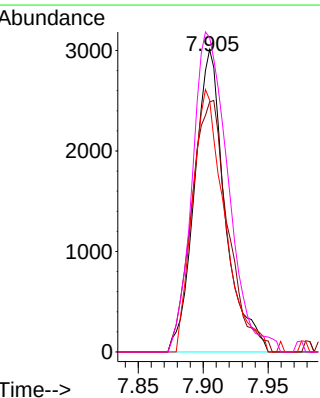
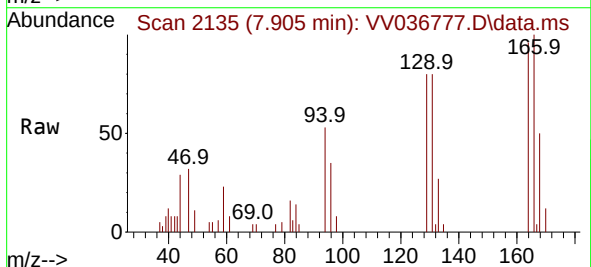
Ion Ratio Lower Upper

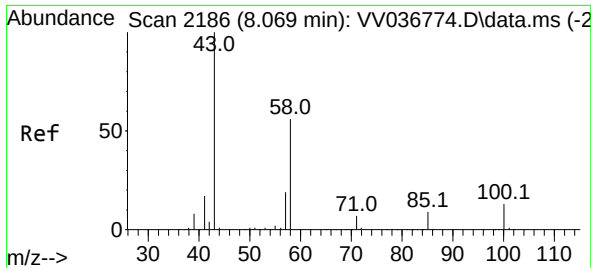
164 100

129 82.7 70.4 130.8

131 83.3 67.7 125.7

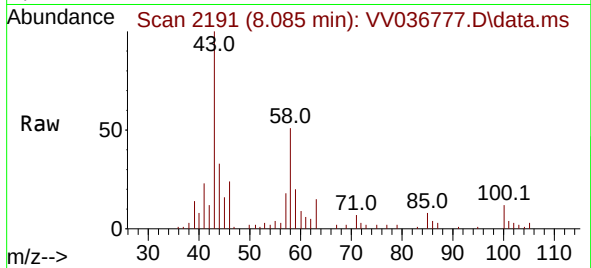
166 104.0 88.4 164.2





#48
2-Hexanone
Concen: 7.508 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

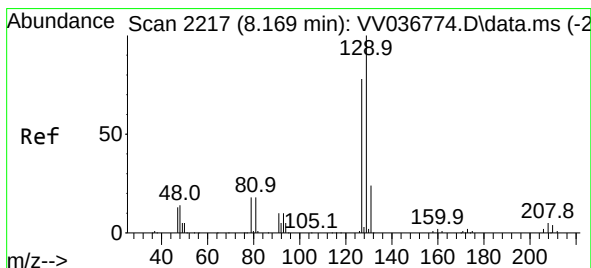
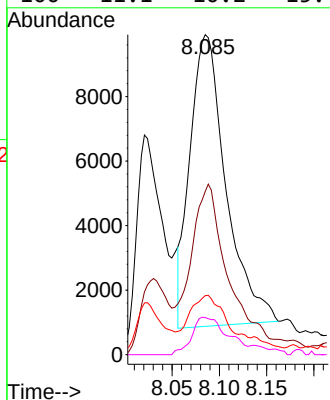
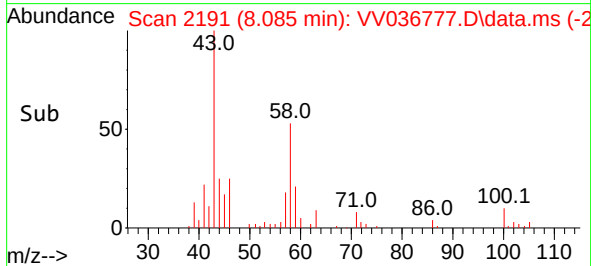
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-06DL



Tgt Ion: 43 Resp: 23979
Ion Ratio Lower Upper
43 100
58 55.0 44.7 67.1
57 12.1 15.0 22.4
100 11.1 10.2 15.4

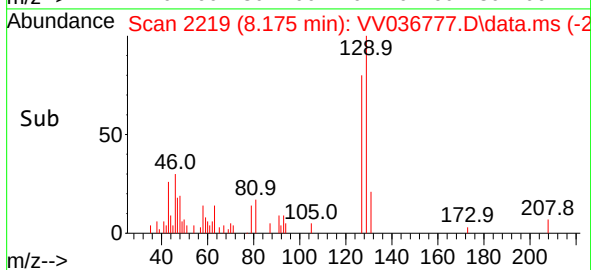
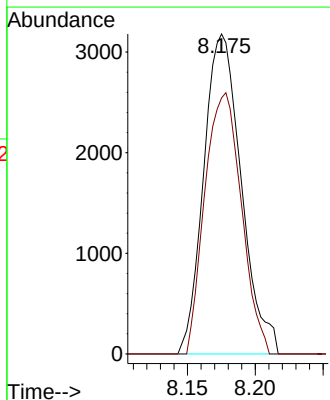
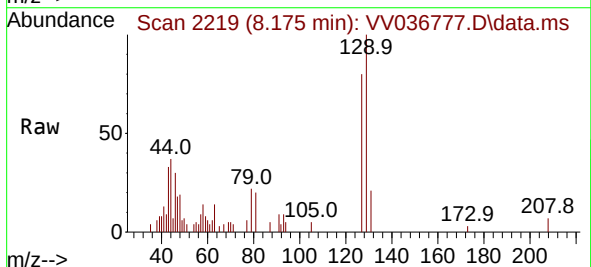
Manual Integrations
APPROVED

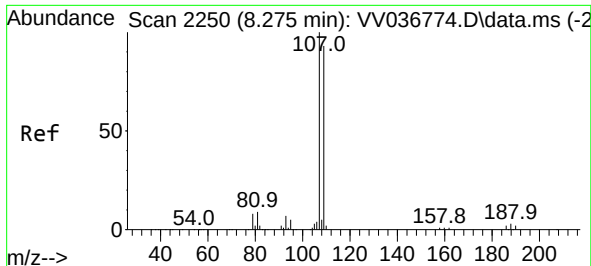
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#49
Dibromochloromethane
Concen: 1.755 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

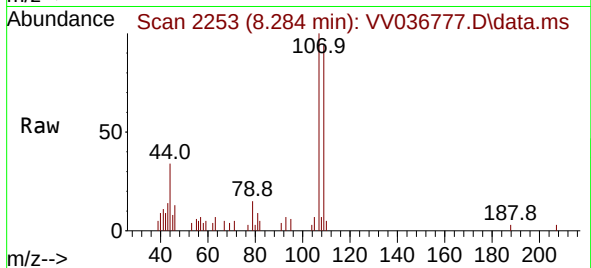
Tgt Ion:129 Resp: 6121
Ion Ratio Lower Upper
129 100
127 80.0 55.4 102.8





#50
1,2-Dibromoethane
Concen: 1.755 ug/L
RT: 8.284 min Scan# 2179
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

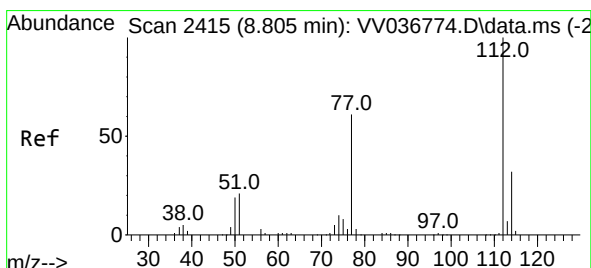
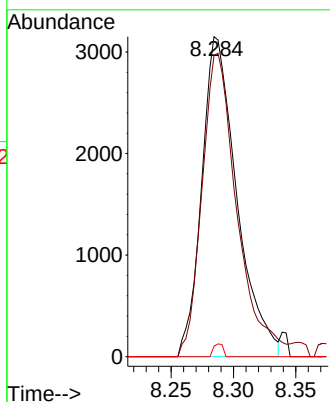
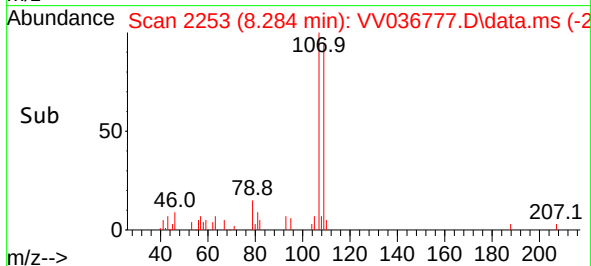
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-06DL



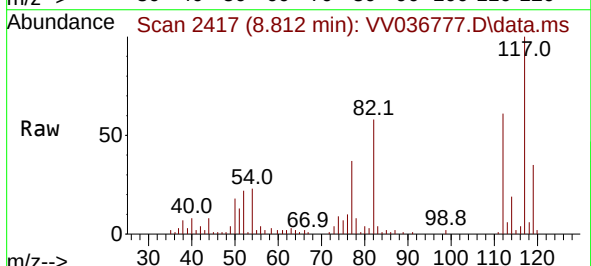
Tgt Ion:107 Resp: 6179
Ion Ratio Lower Upper
107 100
109 94.1 64.7 120.1
188 3.3 2.6 3.8

Manual Integrations
APPROVED

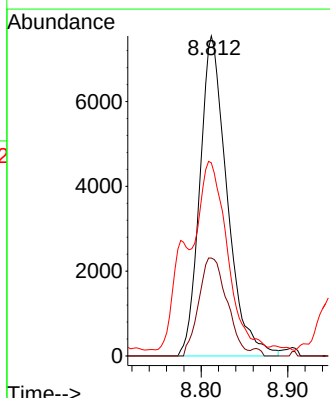
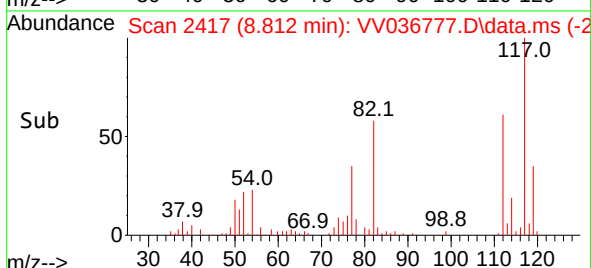
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024

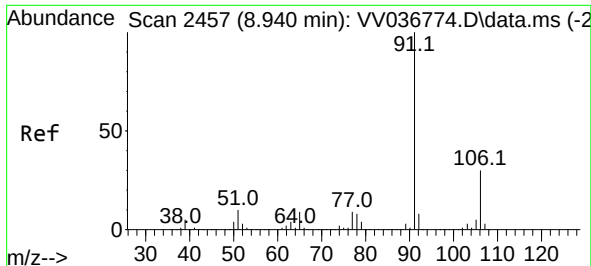


#51
Chlorobenzene
Concen: 1.822 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35



Tgt Ion:112 Resp: 16469
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 60.3 48.9 73.3





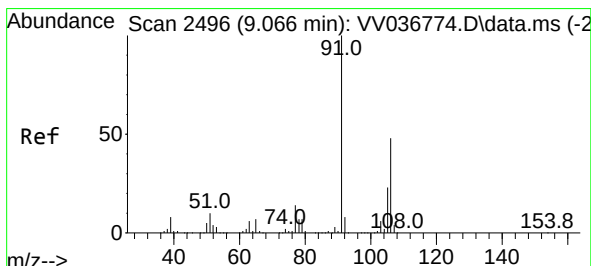
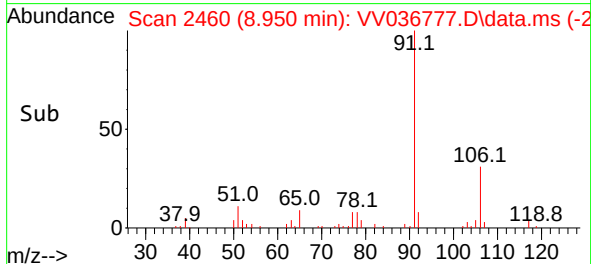
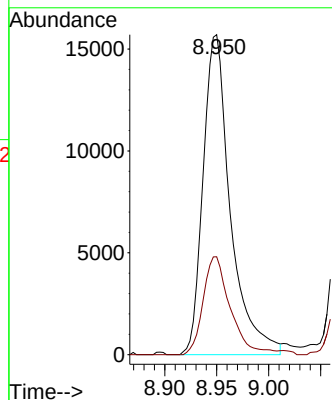
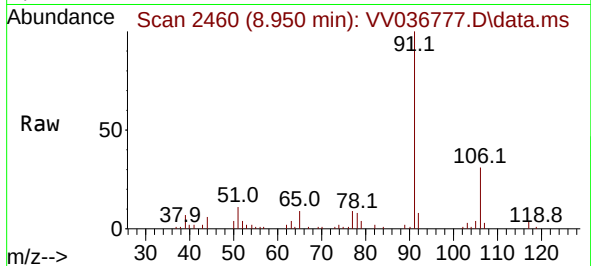
#52
Ethylbenzene
Concen: 1.784 ug/L
RT: 8.950 min Scan# 2457
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion: 91 Resp: 2869
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1

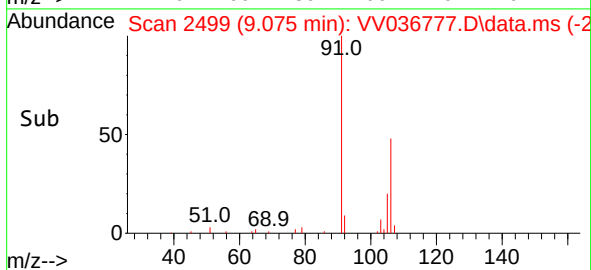
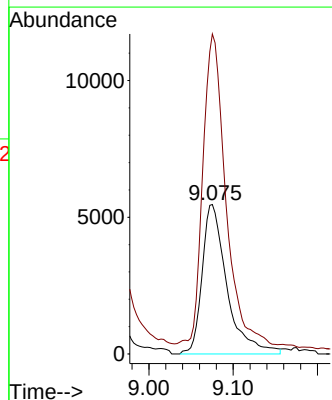
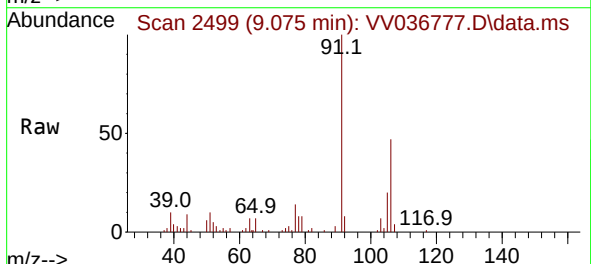
Manual Integrations
APPROVED

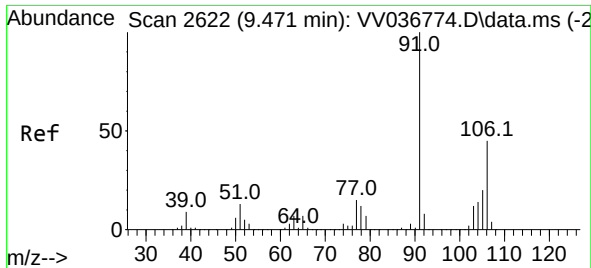
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#53
m,p-Xylene
Concen: 1.868 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:106 Resp: 11235
Ion Ratio Lower Upper
106 100
91 214.0 147.1 273.3





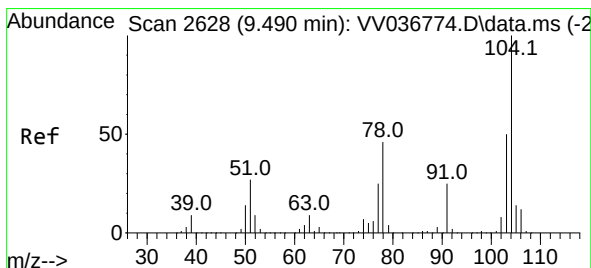
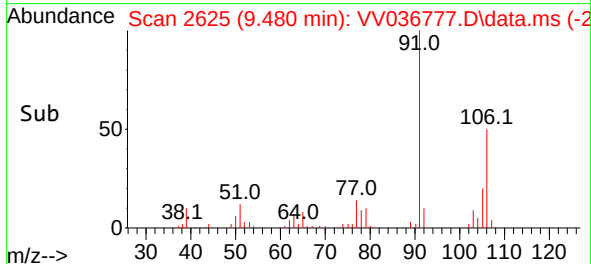
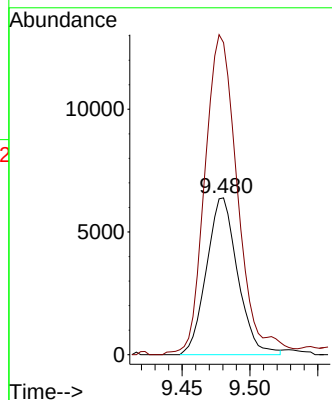
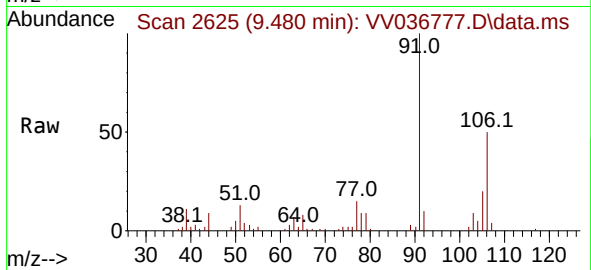
#54
o-Xylene
Concen: 1.738 ug/L
RT: 9.480 min Scan# 2622
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion:106 Resp: 10220
Ion Ratio Lower Upper
106 100
91 198.9 154.5 286.9

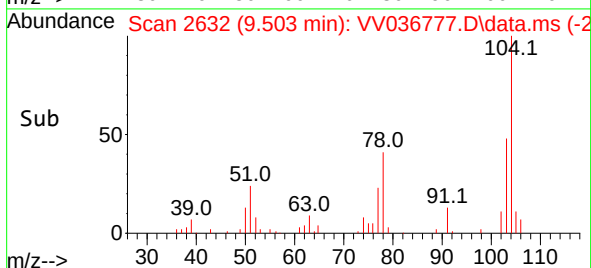
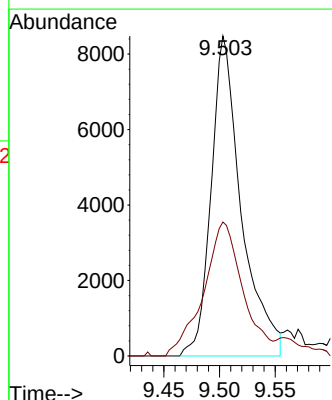
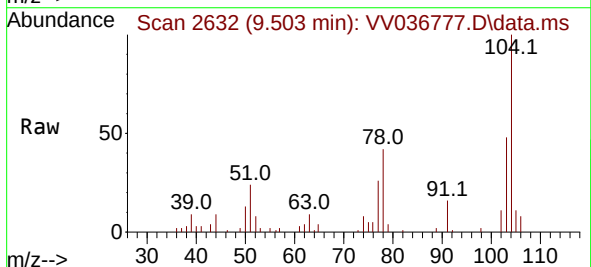
Manual Integrations
APPROVED

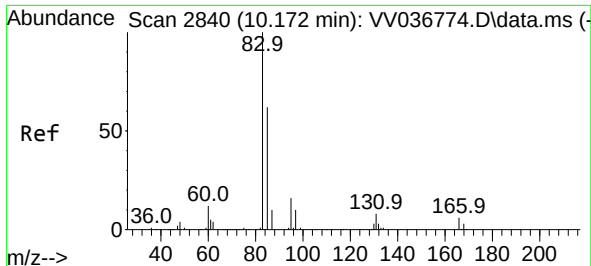
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#55
Styrene
Concen: 1.586 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.013 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

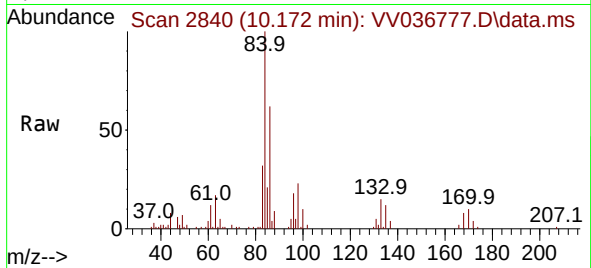
Tgt Ion:104 Resp: 15992
Ion Ratio Lower Upper
104 100
78 41.8 32.1 59.7





#57
1,1,2,2-Tetrachloroethane
Concen: 1.835 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

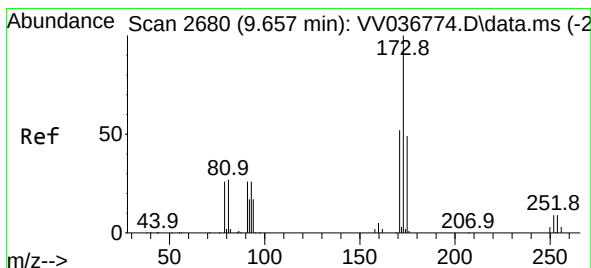
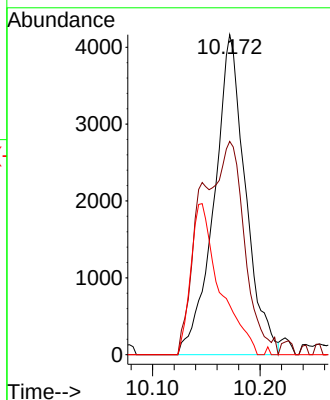
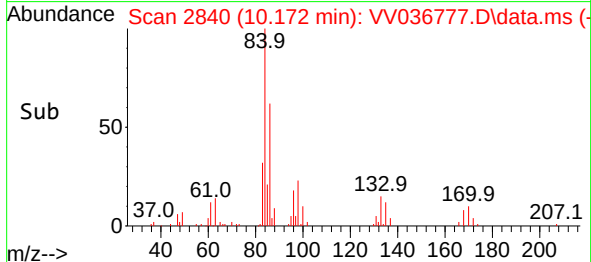
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2024-06DL



Tgt Ion: 83 Resp: 840
Ion Ratio Lower Upper
83 100
85 66.6 44.7 83.1
131 15.4 7.2 10.8

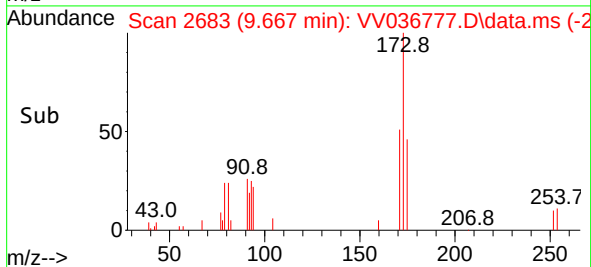
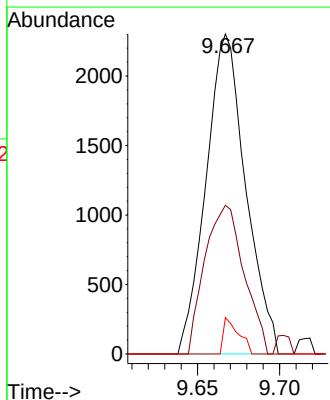
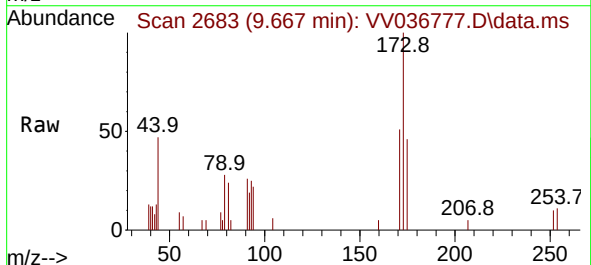
Manual Integrations
APPROVED

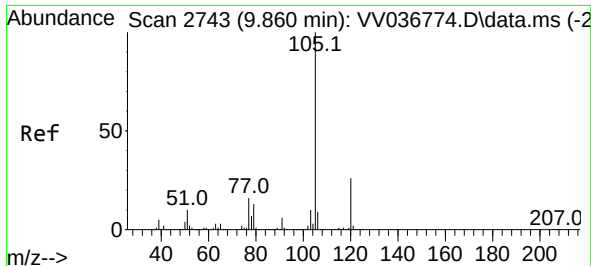
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#59
Bromoform
Concen: 1.630 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

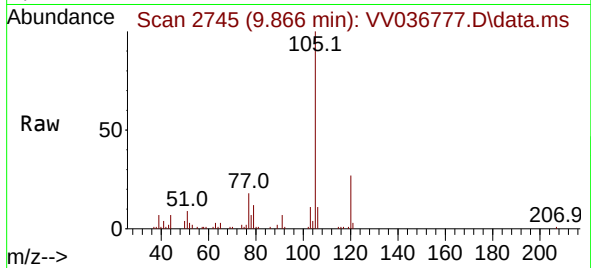
Tgt Ion:173 Resp: 3864
Ion Ratio Lower Upper
173 100
175 45.9 39.8 59.8
254 4.4 6.8 10.2





#60
Isopropylbenzene
Concen: 1.749 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

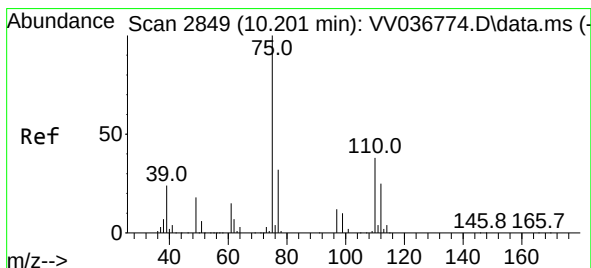
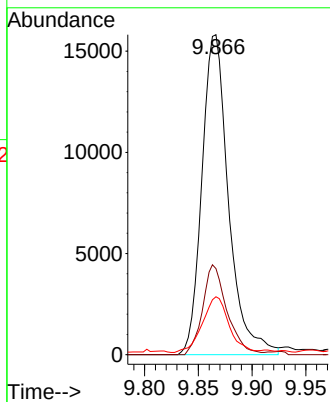
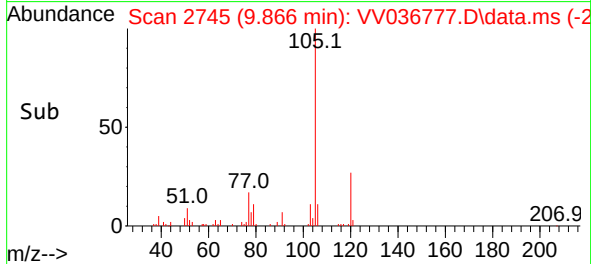
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06DL



Tgt Ion:105 Resp: 2728
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 17.2 13.1 19.7

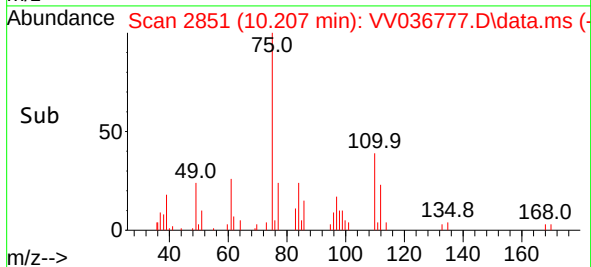
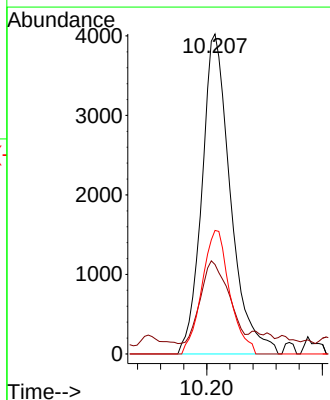
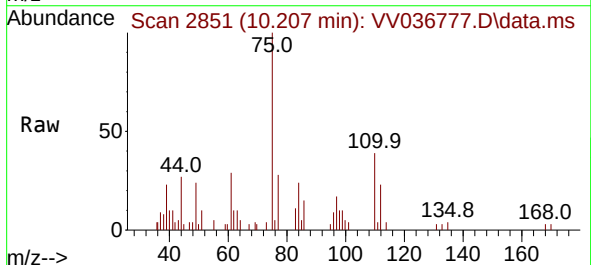
Manual Integrations
APPROVED

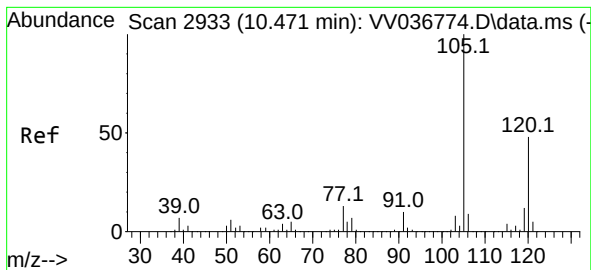
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#61
1,2,3-Trichloropropane
Concen: 1.791 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 75 Resp: 6909
Ion Ratio Lower Upper
75 100
77 25.2 26.2 39.2#
110 37.5 31.3 46.9





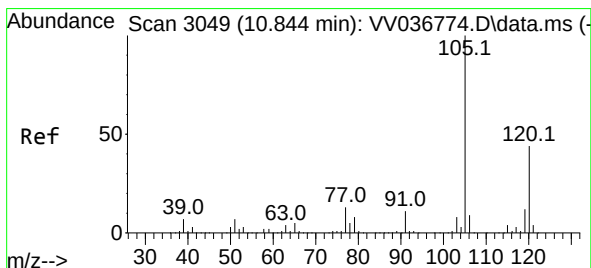
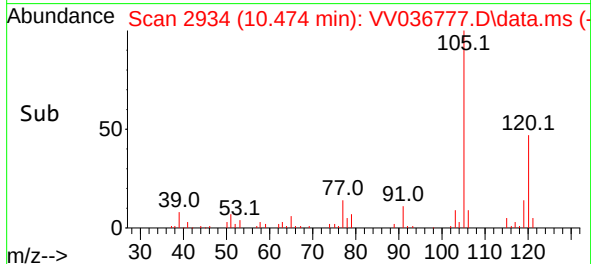
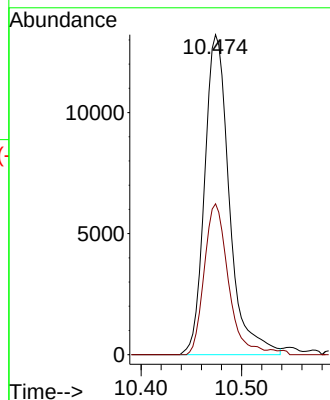
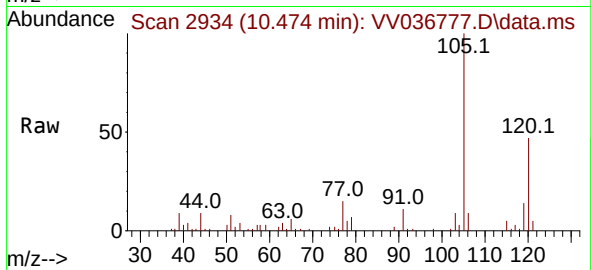
#62
1,3,5-Trimethylbenzene
Concen: 1.742 ug/L
RT: 10.474 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion:105 Resp: 2262
Ion Ratio Lower Upper
105 100
120 44.6 37.7 56.5

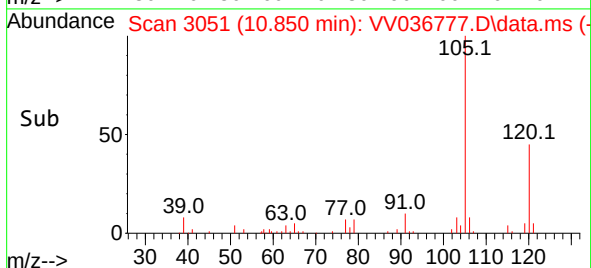
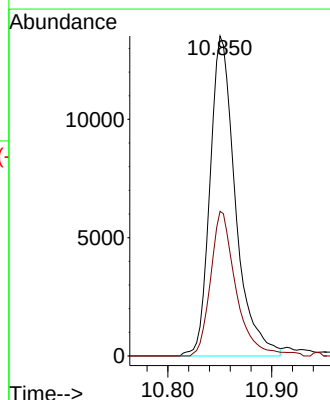
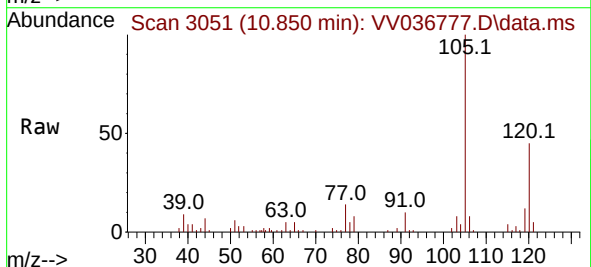
Manual Integrations
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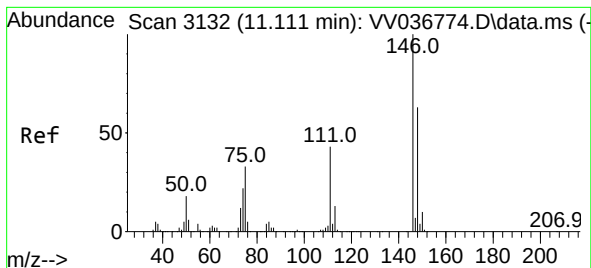
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#63
1,2,4-Trimethylbenzene
Concen: 1.766 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:105 Resp: 22965
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 1.938 ug/L

RT: 11.120 min Scan# 3132

Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

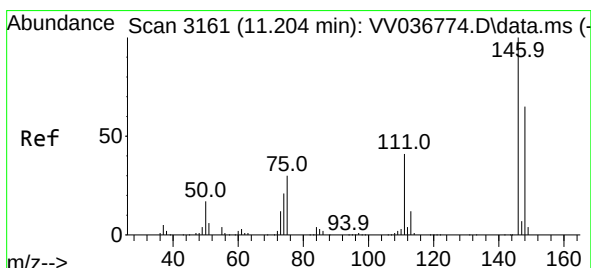
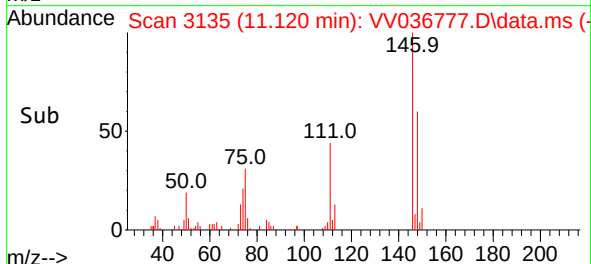
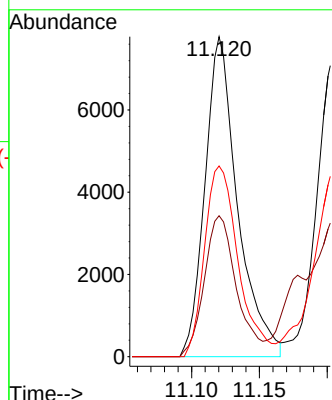
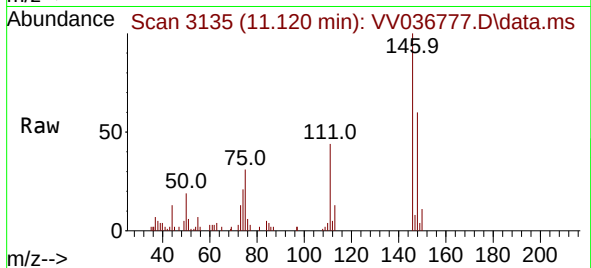
MDL-WATER-QT3-2024-06DL

Tgt Ion:146	Resp:	1300
Ion Ratio	Lower	Upper
146	100	
111	44.1	29.8 55.4
148	59.6	43.4 80.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#65

1,4-Dichlorobenzene

Concen: 2.181 ug/L

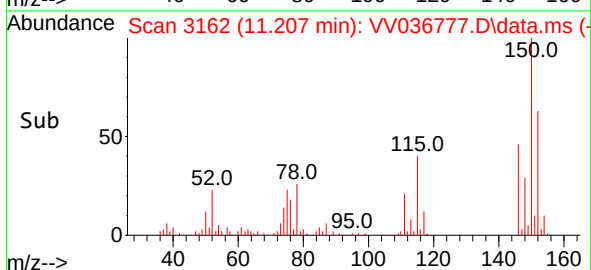
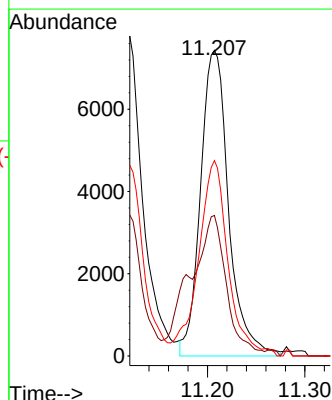
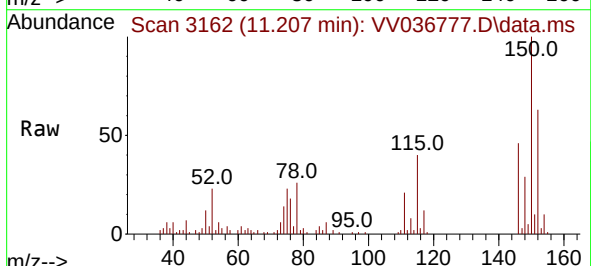
RT: 11.207 min Scan# 3162

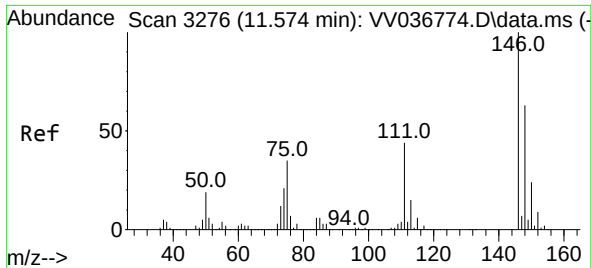
Delta R.T. 0.003 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

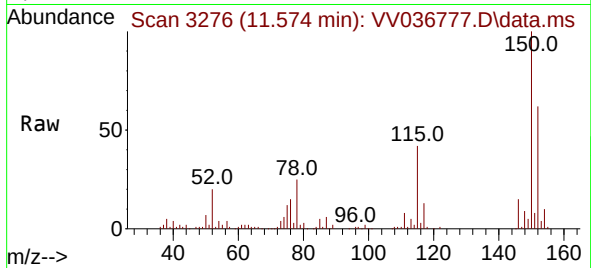
Tgt Ion:146	Resp:	14879
Ion Ratio	Lower	Upper
146	100	
111	46.0	29.0 53.9
148	63.9	43.8 81.4





#67
1,2-Dichlorobenzene
Concen: 2.030 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

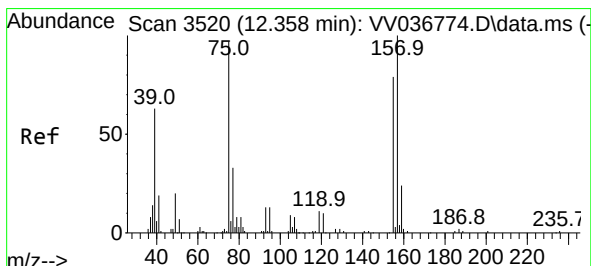
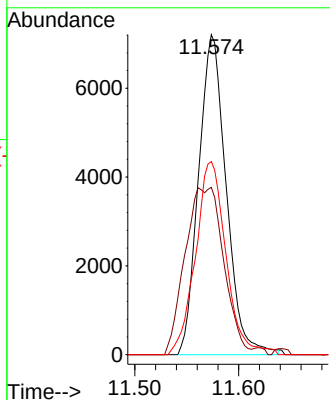
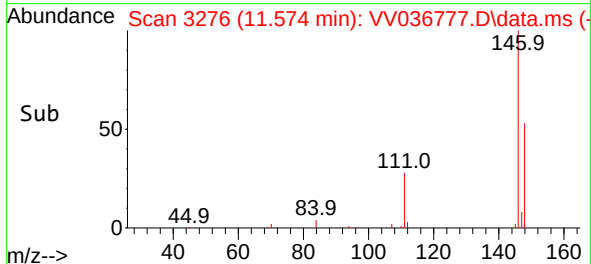
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06DL



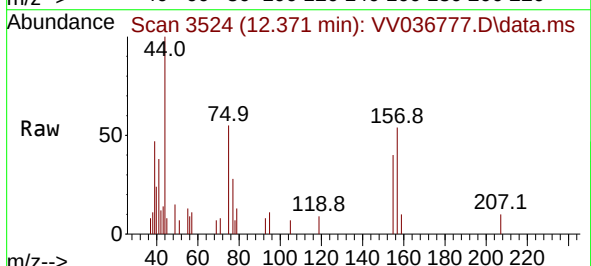
Tgt Ion:146 Resp: 1330
Ion Ratio Lower Upper
146 100
111 52.3 35.7 53.5
148 60.4 51.2 76.8

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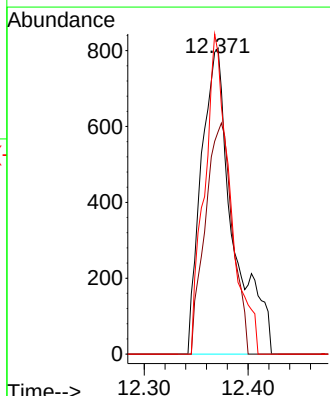
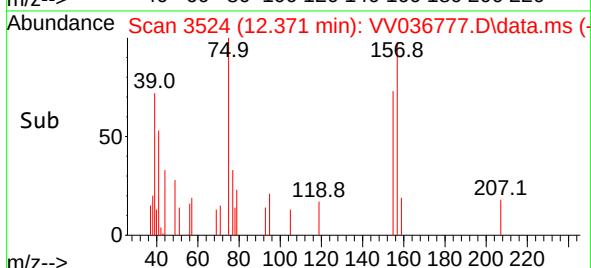
Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024

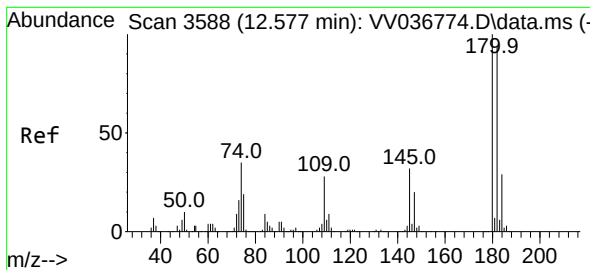


#68
1,2-Dibromo-3-chloropropane
Concen: 1.530 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.013 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35



Tgt Ion: 75 Resp: 1705
Ion Ratio Lower Upper
75 100
155 72.6 59.5 89.3
157 98.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 1.801 ug/L

RT: 12.583 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

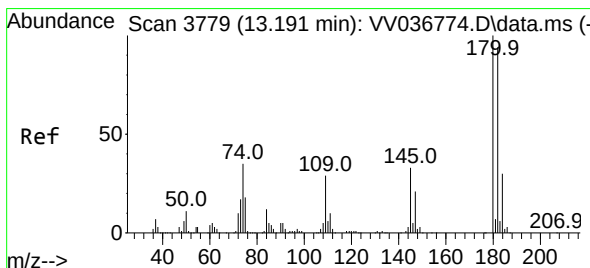
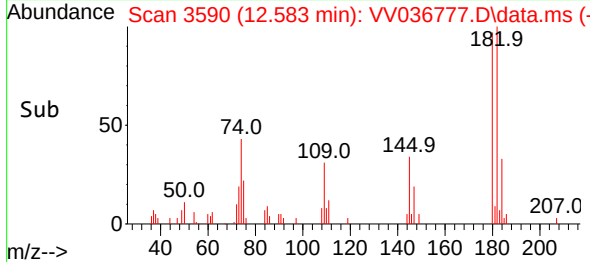
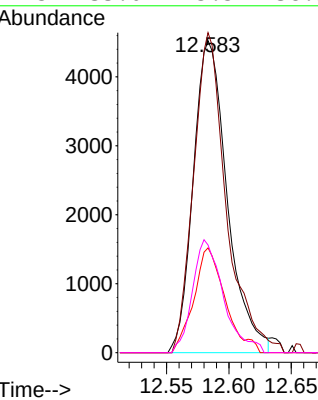
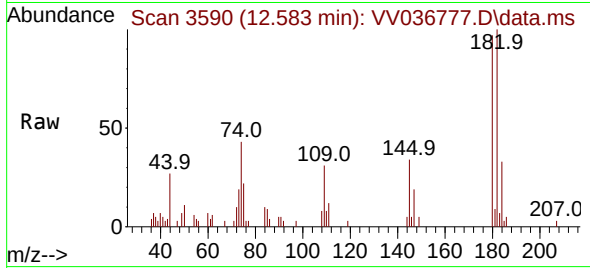
MDL-WATER-QT3-2024-06DL

Tgt Ion:	180	Resp:	857
Ion Ratio	Lower	Upper	
180	100		
182	98.4	75.0	112.6
184	29.9	23.7	35.5
145	33.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#70

1,2,4-trichlorobenzene

Concen: 1.889 ug/L

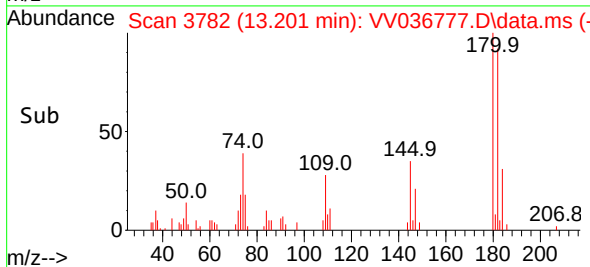
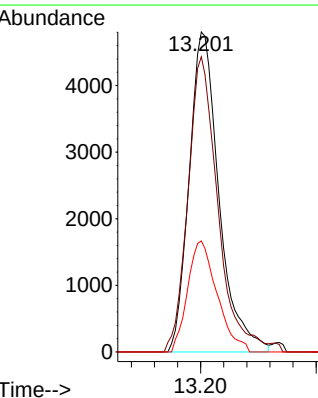
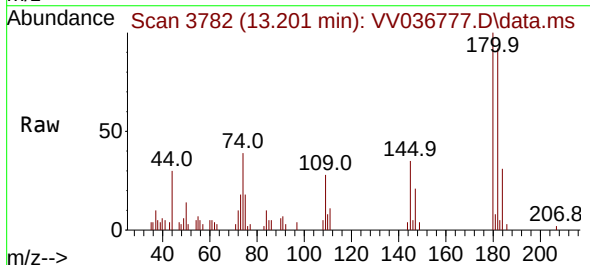
RT: 13.201 min Scan# 3782

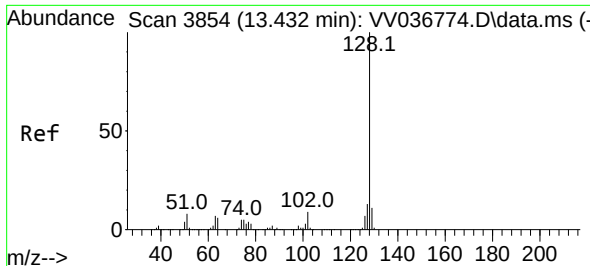
Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:	180	Resp:	8626
Ion Ratio	Lower	Upper	
180	100		
182	92.1	75.1	112.7
145	34.2	26.5	39.7





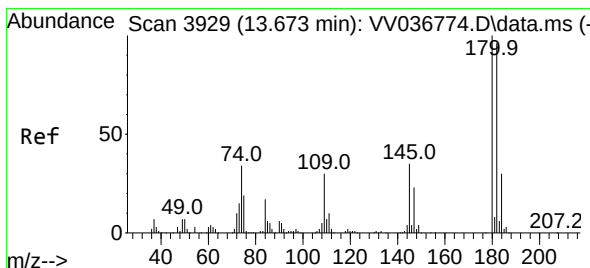
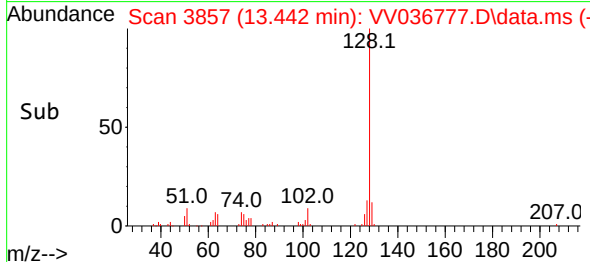
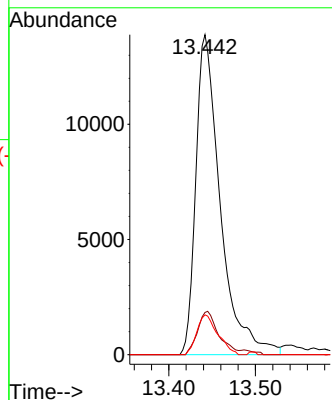
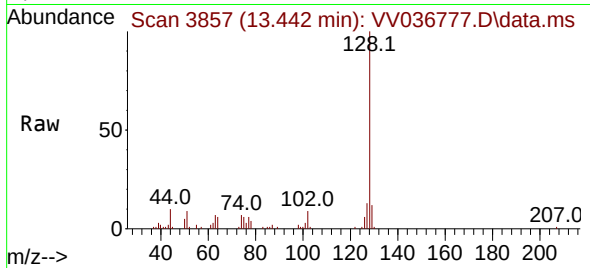
#71
Naphthalene
Concen: 1.862 ug/L
RT: 13.442 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

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

Tgt Ion:128 Resp: 2726
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/07/2024
Supervised By :Semsettin Yesilyurt 08/08/2024



#72
1,2,3-Trichlorobenzene
Concen: 1.780 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:180 Resp: 7954
Ion Ratio Lower Upper
180 100
182 104.3 76.2 114.2
145 36.4 27.8 41.6

