

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061920.D
 Acq On : 21 Nov 2024 16:12
 Operator : MD/SY
 Sample : P4776-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2024-07

Quant Time: Nov 21 23:31:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	137067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30533	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.908	69	26083	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	13203	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.615	46	111688	48.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.920%
24) Chloroform-d	5.052	84	79735	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	40996	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.718	84	135970	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	48999	5.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.891	98	108842	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	16594	4.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.624	63	70700	46.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42341	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46495	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3429	0.262	ug/L	91
3) Chloromethane	1.515	50	3491	0.259	ug/L	98
5) Vinyl chloride	1.599	62	3142	0.227	ug/L #	56
6) Bromomethane	1.850	94	1942	0.235	ug/L	90
8) Chloroethane	1.924	64	1713	0.192	ug/L	96
9) Trichlorofluoromethane	2.133	101	4193	0.239	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2607	0.242	ug/L	94
12) 1,1-Dichloroethene	2.570	96	2507	0.250	ug/L #	1
14) Carbon disulfide	2.785	76	7204	0.226	ug/L	98
15) Methyl Acetate	2.972	43	880	0.215	ug/L #	51
16) Methylene chloride	3.043	84	3021	0.251	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	5462	0.212	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	2088	0.197	ug/L	91
19) 1,1-Dichloroethane	3.866	63	4522	0.219	ug/L	94
21) 2-Butanone	4.727	43	6416m	2.495	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	2508	0.210	ug/L	94
23) Bromochloromethane	4.968	128	1099	0.212	ug/L #	72
25) Chloroform	5.081	83	5421	0.251	ug/L	100
27) 1,2-Dichloroethane	5.788	62	3132	0.225	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.380	56	3749	0.227	ug/L	95
31) Carbon tetrachloride	5.515	117	3229	0.241	ug/L	98
33) Benzene	5.766	78	10214	0.247	ug/L	100
35) Methylcyclohexane	6.750	83	4167	0.247	ug/L	92
37) 1,2-Dichloropropane	6.788	63	2830	0.263	ug/L #	87
38) Bromodichloromethane	7.100	83	3129	0.240	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	3665	0.243	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	13330m	2.297	ug/L	
42) Toluene	7.965	91	10133	0.233	ug/L	94
44) trans-1,3-Dichloropropene	8.210	75	2842	0.237	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	1913	0.241	ug/L	90
49) Dibromochloromethane	8.801	129	1832	0.219	ug/L	87
50) 1,2-Dibromoethane	8.917	107	1525	0.194	ug/L #	96
51) Chlorobenzene	9.441	112	6171	0.207	ug/L	90
52) Ethylbenzene	9.566	91	10967	0.211	ug/L	92
53) m,p-Xylene	9.692	106	4063	0.221	ug/L	86
54) o-Xylene	10.097	106	3721	0.201	ug/L	97
55) Styrene	10.116	104	5298	0.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	2122	0.209	ug/L	98
59) Bromoform	10.283	173	1031	0.229	ug/L #	79
60) Isopropylbenzene	10.480	105	9396	0.199	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	1426	0.204	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	7588	0.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	7194	0.191	ug/L	95
64) 1,3-Dichlorobenzene	11.746	146	4270	0.204	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	4756	0.234	ug/L	90
67) 1,2-Dichlorobenzene	12.203	146	4305	0.236	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	2892	0.232	ug/L	97
71) Naphthalene	14.116	128	2249	0.146	ug/L #	70
72) 1,2,3-Trichlorobenzene	14.335	180	1728	0.210	ug/L #	54

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

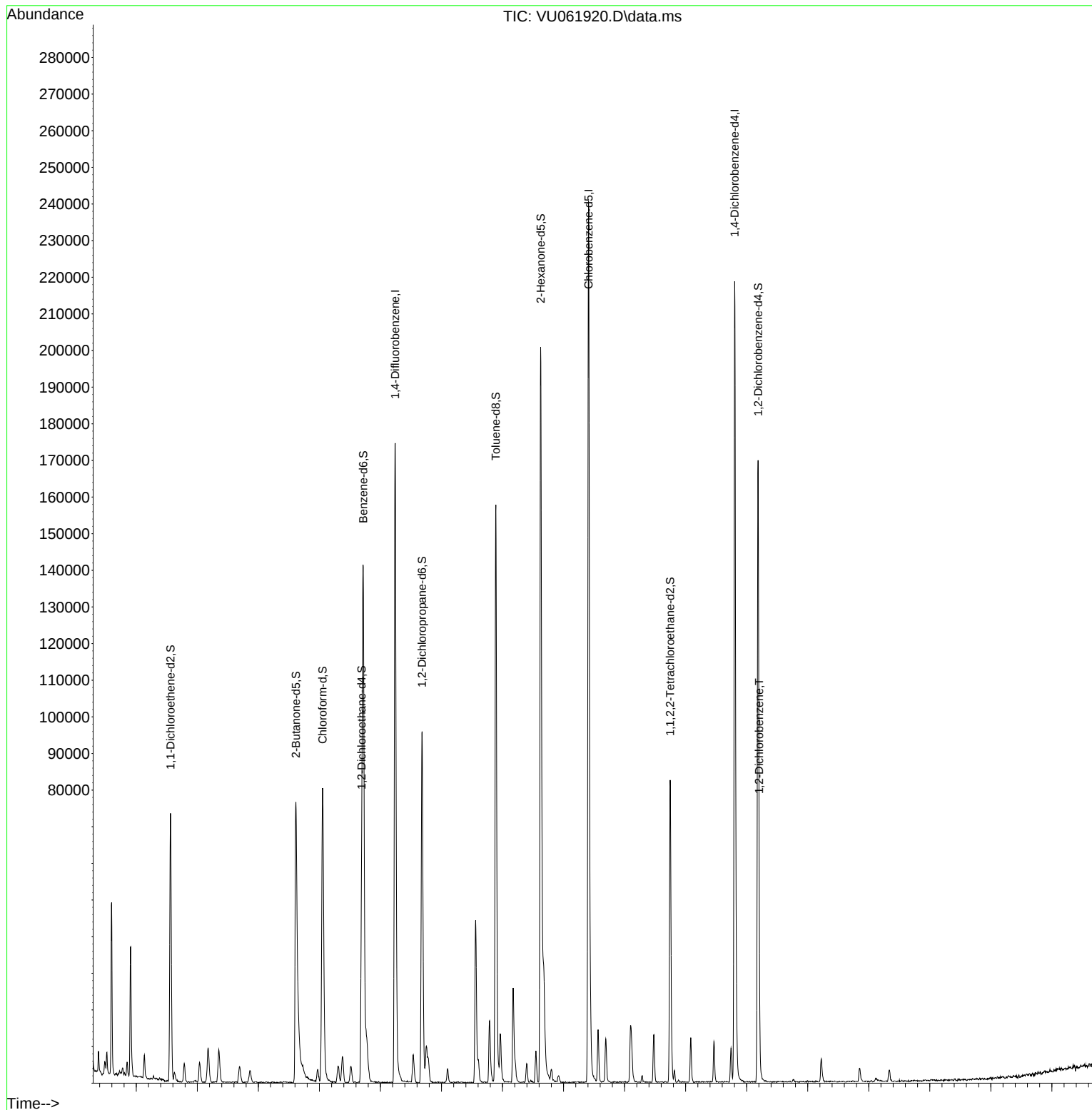
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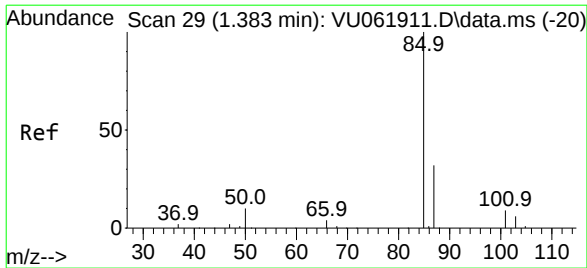
Instrument :
MSVOA_U
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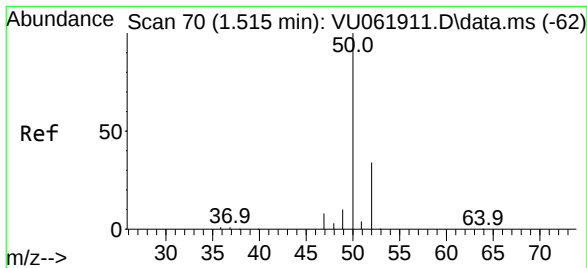
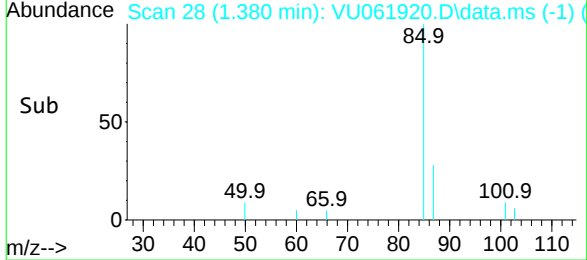
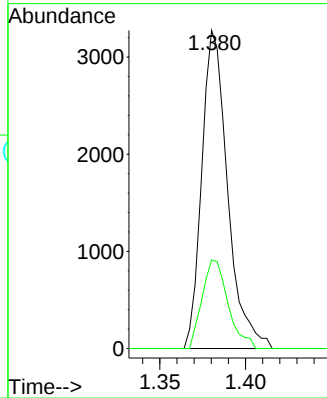
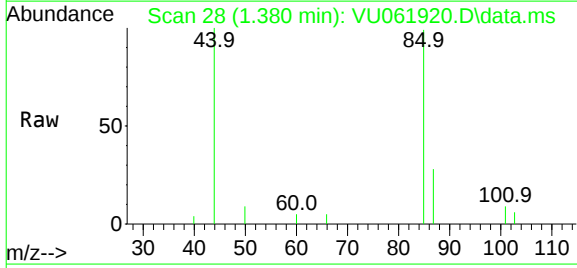
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Dichlorodifluoromethane
Concen: 0.262 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07

Tgt Ion: 85 Resp: 3429
Ion Ratio Lower Upper
85 100
87 27.9 26.6 40.0

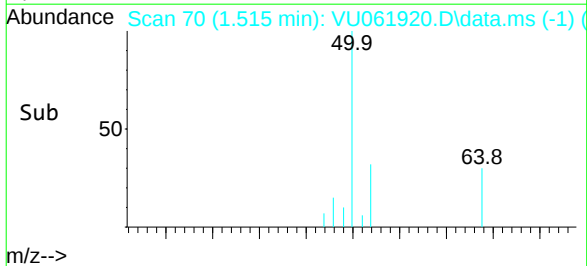
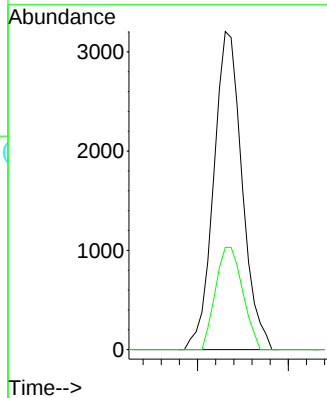
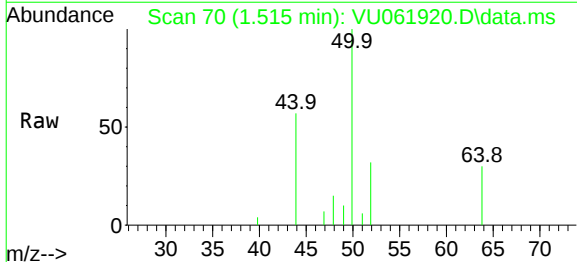
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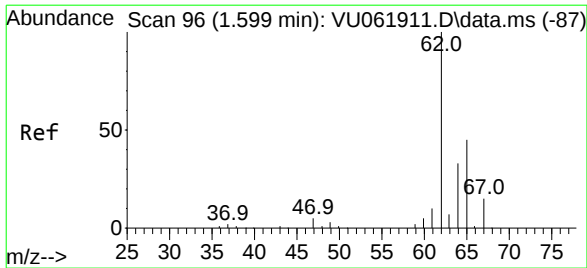
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#3
Chloromethane
Concen: 0.259 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 50 Resp: 3491
Ion Ratio Lower Upper
50 100
52 32.1 23.1 42.9





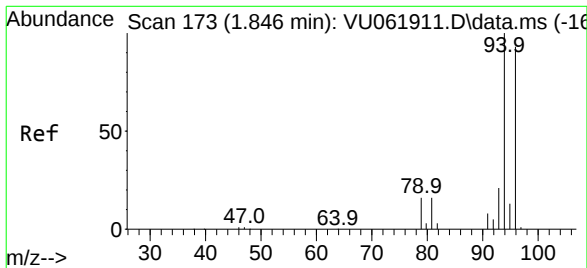
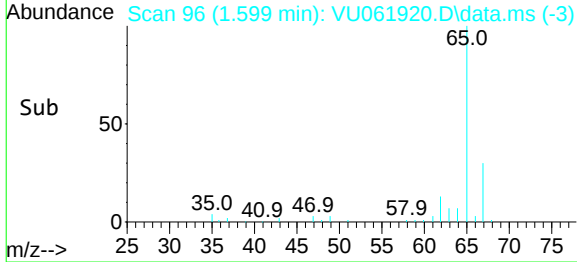
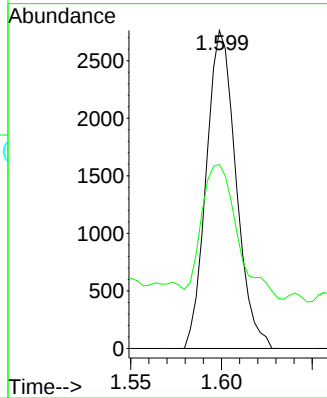
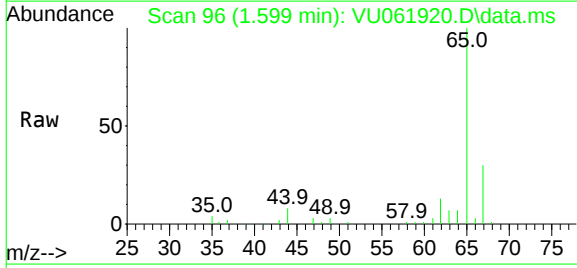
#5
 Vinyl chloride
 Concen: 0.227 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2024-07

Tgt Ion: 62 Resp: 3142
 Ion Ratio Lower Upper
 62 100
 64 57.8 23.1 42.9

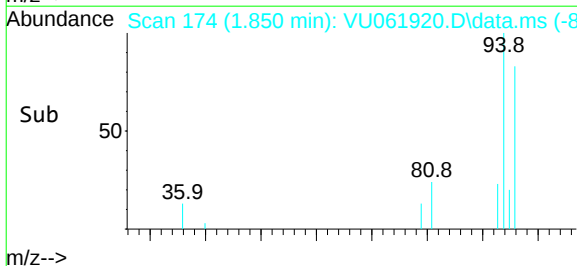
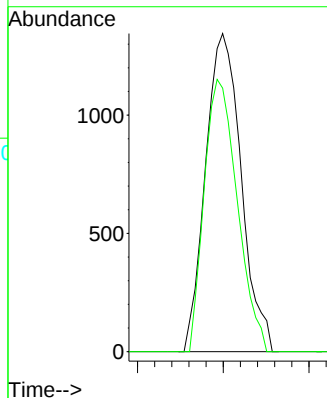
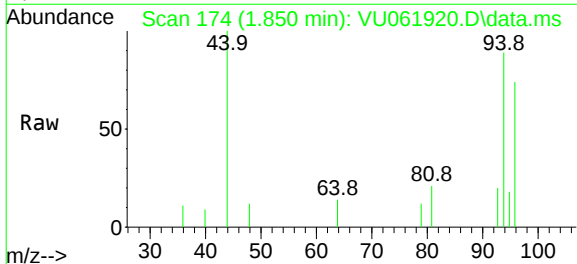
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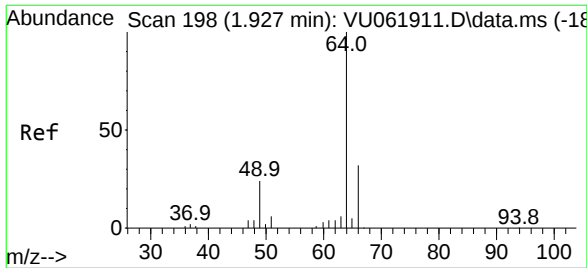
Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#6
 Bromomethane
 Concen: 0.235 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.003 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

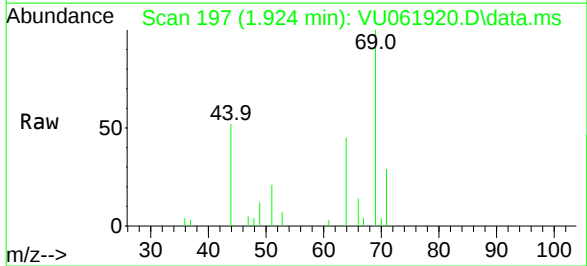
Tgt Ion: 94 Resp: 1942
 Ion Ratio Lower Upper
 94 100
 96 82.8 64.5 119.9





#8
Chloroethane
Concen: 0.192 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

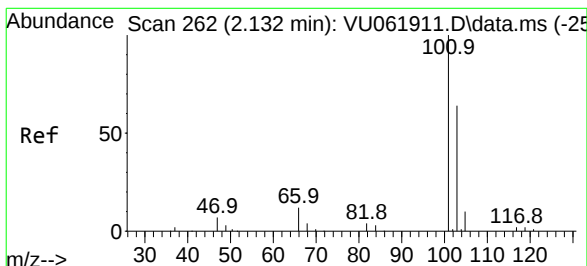
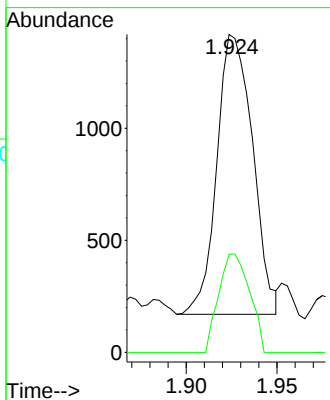
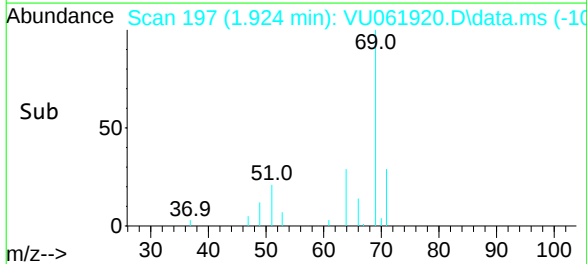
Instrument : MSVOA_U
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Tgt Ion: 64 Resp: 1713
Ion Ratio Lower Upper
64 100
66 30.9 23.2 43.2

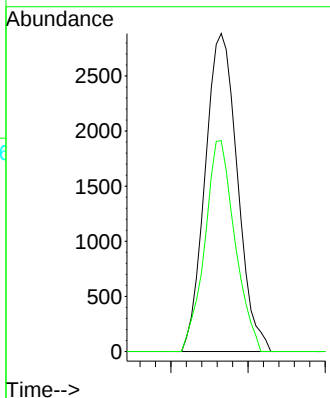
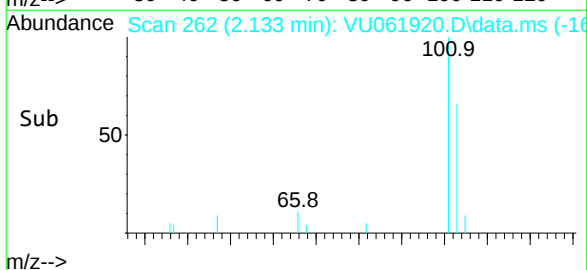
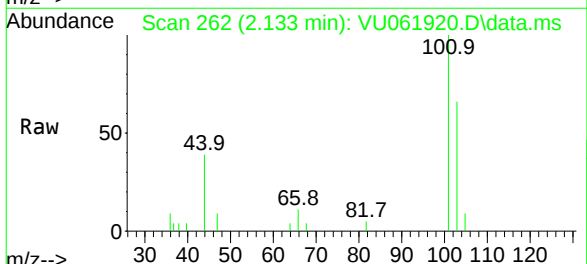
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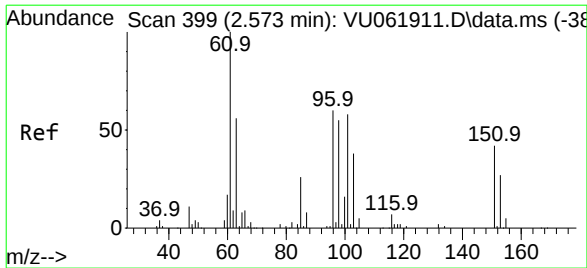
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:101 Resp: 4193
Ion Ratio Lower Upper
101 100
103 61.8 50.6 75.8





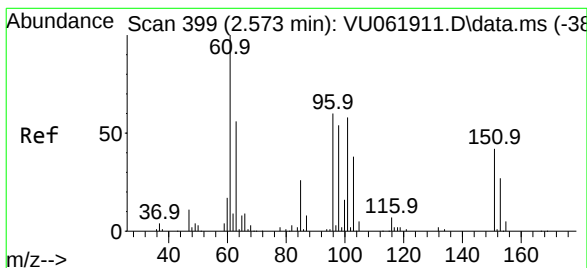
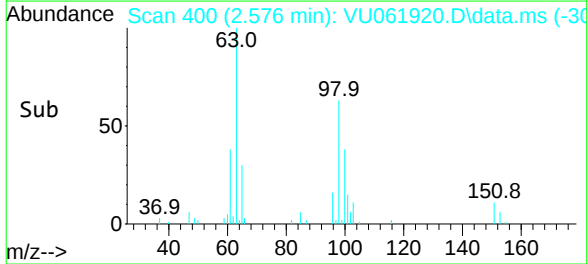
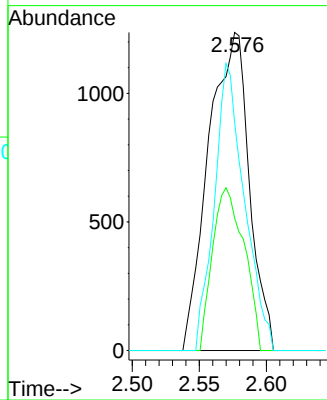
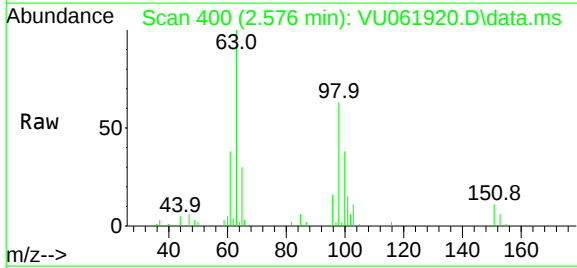
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.242 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

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Tgt Ion:	101	Resp:	2607
Ion Ratio	Lower	Upper	
101	100		
85	39.7	38.0	57.0
151	66.7	55.3	82.9

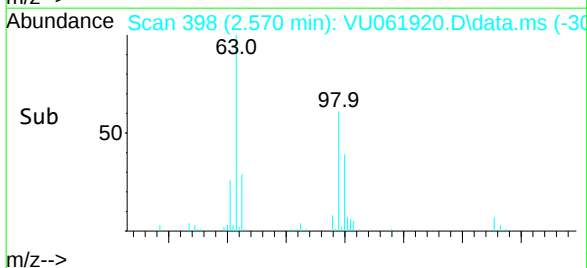
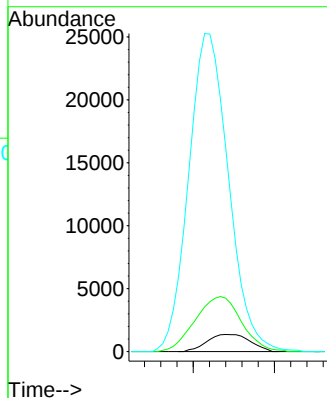
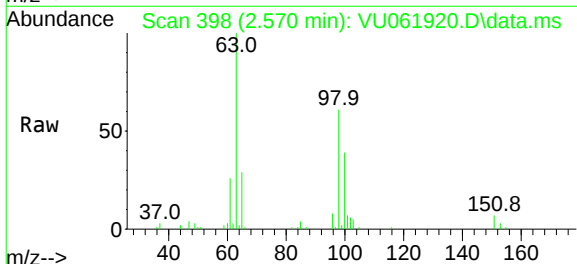
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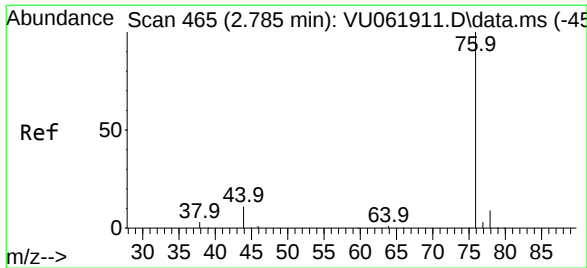
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#12
1,1-Dichloroethene
Concen: 0.250 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:	96	Resp:	2507
Ion Ratio	Lower	Upper	
96	100		
61	312.9	119.6	222.2#
63	1200.8	65.0	120.6#





#14

Carbon disulfide

Concen: 0.226 ug/L

RT: 2.785 min Scan# 46

Delta R.T. 0.000 min

Lab File: VU061920.D

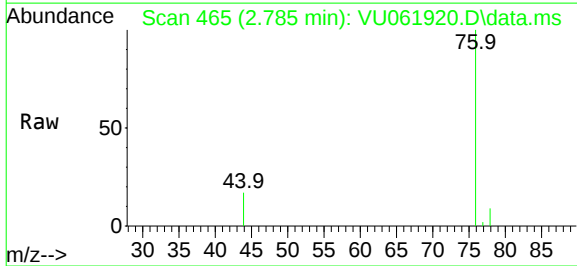
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Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2024-07



Tgt Ion: 76 Resp: 7204

Ion Ratio Lower Upper

76 100

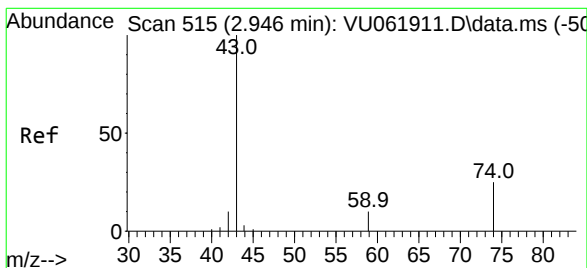
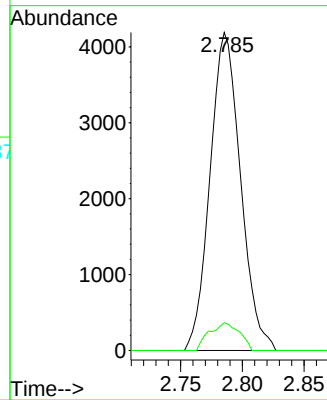
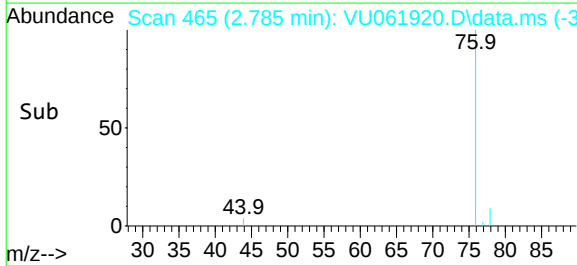
78 8.7 7.5 11.3

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#15

Methyl Acetate

Concen: 0.215 ug/L

RT: 2.972 min Scan# 523

Delta R.T. 0.026 min

Lab File: VU061920.D

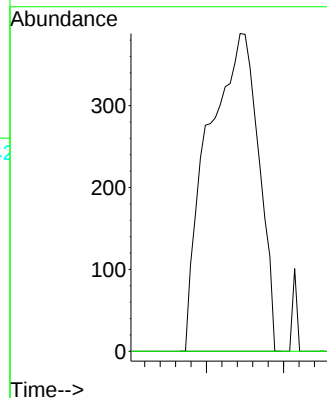
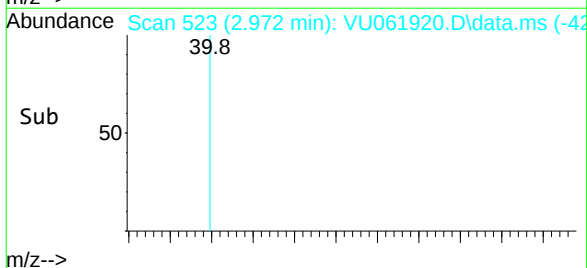
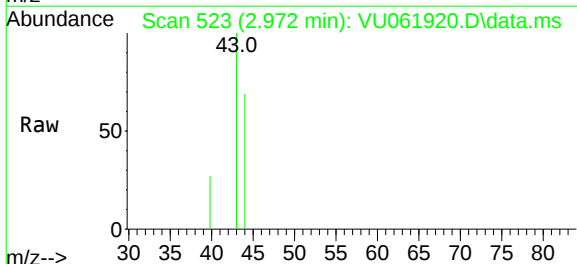
Acq: 21 Nov 2024 16:12

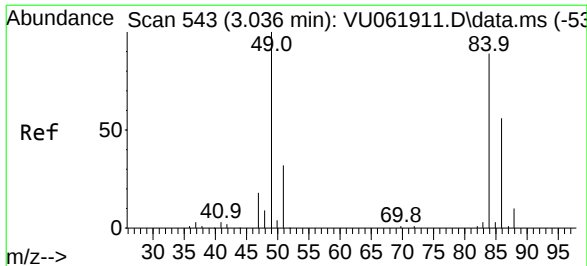
Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#





#16

Methylene chloride

Concen: 0.251 ug/L

RT: 3.043 min Scan# 54

Delta R.T. 0.007 min

Lab File: VU061920.D

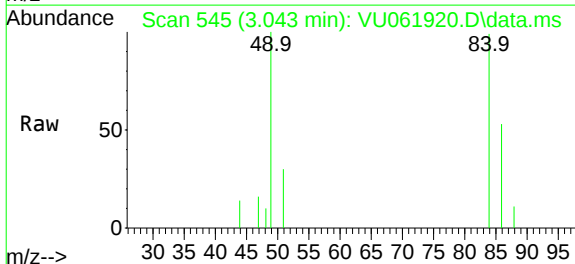
Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2024-07

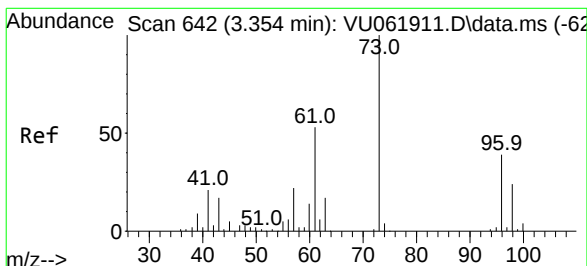
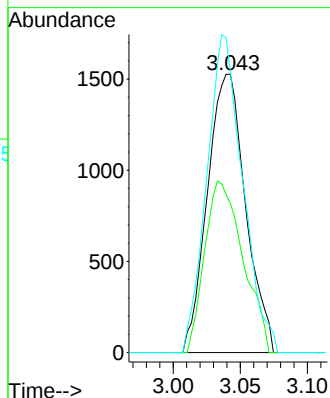
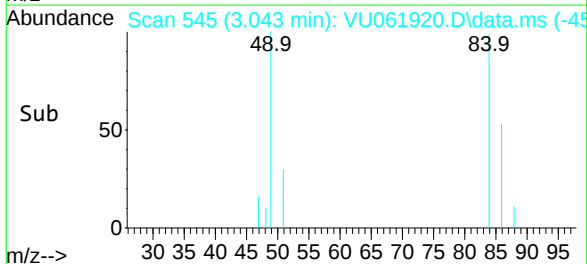


Tgt	Ion: 84	Resp:	3021
Ion	Ratio	Lower	Upper
84	100		
86	53.6	43.5	80.7
49	101.2	81.9	152.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#17

Methyl tert-butyl Ether

Concen: 0.212 ug/L

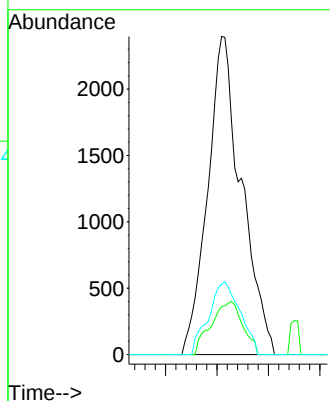
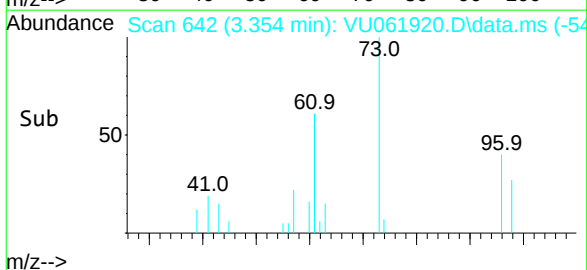
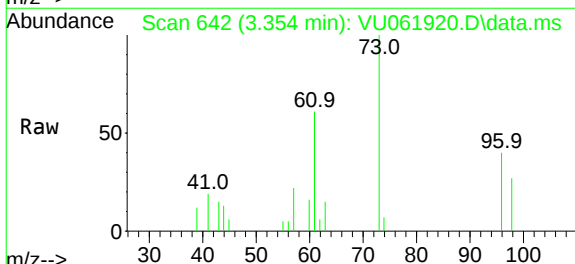
RT: 3.354 min Scan# 642

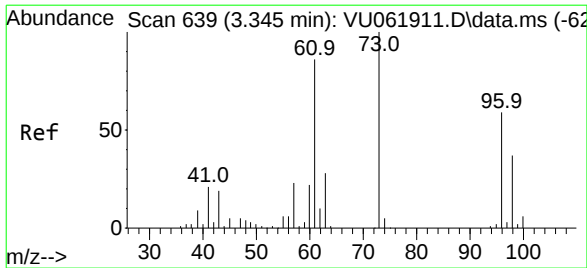
Delta R.T. 0.000 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

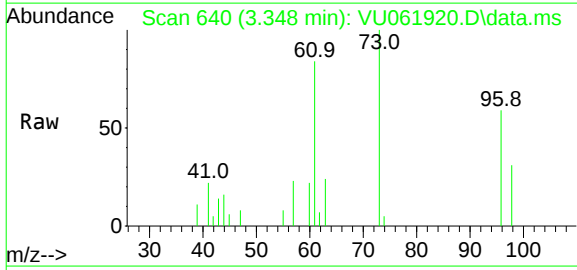
Tgt	Ion: 73	Resp:	5462
Ion	Ratio	Lower	Upper
73	100		
43	15.6	16.3	24.5#
57	21.4	17.1	25.7





#18
trans-1,2-Dichloroethene
Concen: 0.197 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

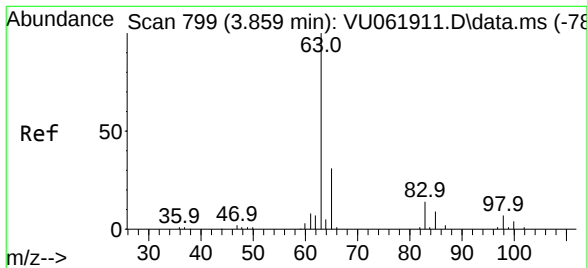
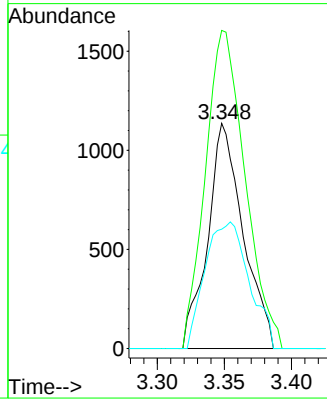
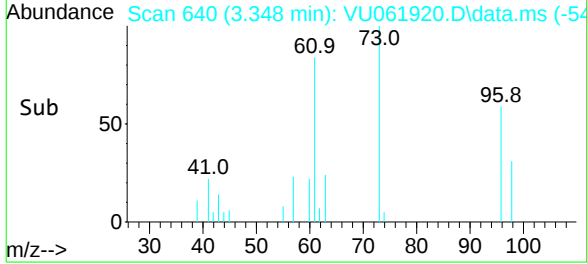
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07



Tgt Ion: 96 Resp: 2088
Ion Ratio Lower Upper
96 100
61 141.3 104.2 193.4
98 53.0 45.7 84.9

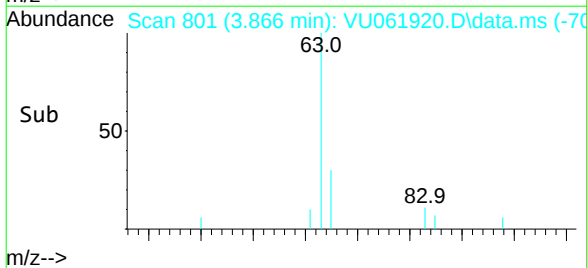
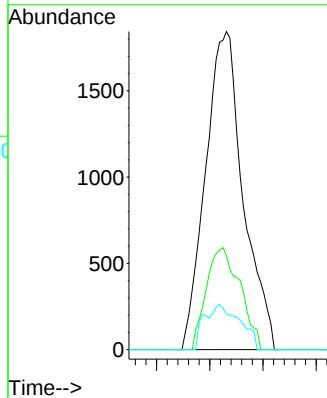
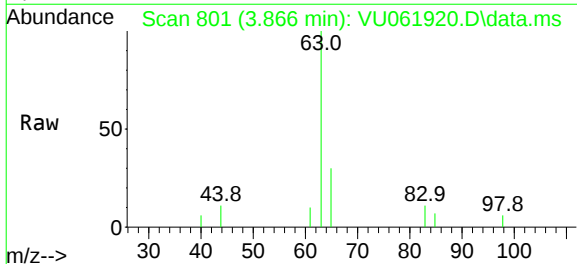
Manual Integrations
APPROVED

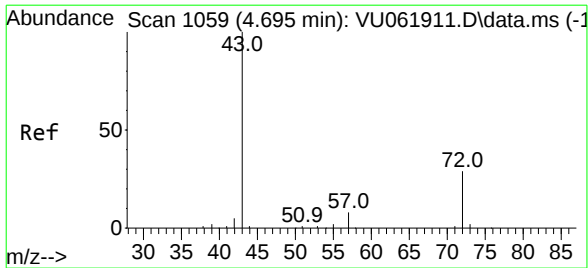
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#19
1,1-Dichloroethane
Concen: 0.219 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

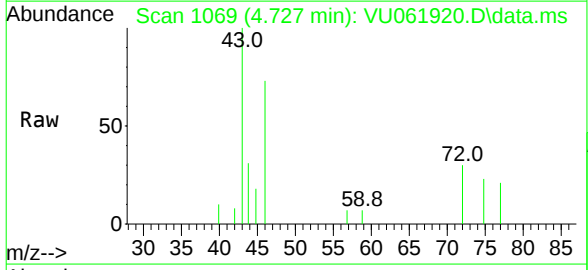
Tgt Ion: 63 Resp: 4522
Ion Ratio Lower Upper
63 100
65 29.6 22.7 42.3
83 11.2 9.9 18.3





#21
2-Butanone
Concen: 2.495 ug/L m
RT: 4.727 min Scan# 1069
Delta R.T. 0.032 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

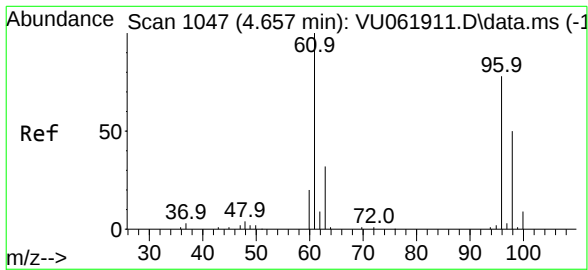
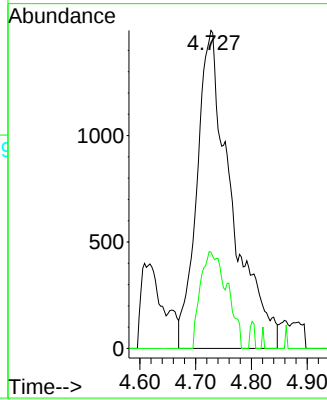
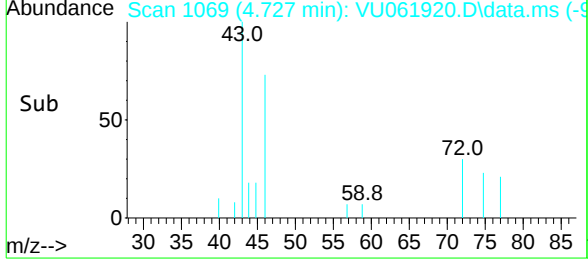
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07



Tgt Ion: 43 Resp: 6416
Ion Ratio Lower Upper
43 100
72 18.8 14.8 44.4

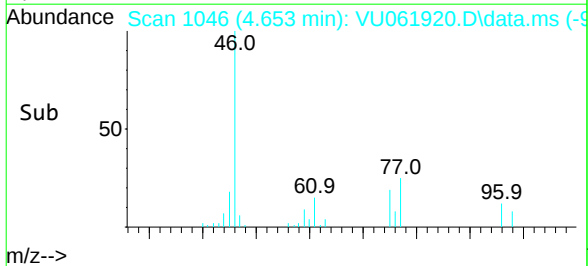
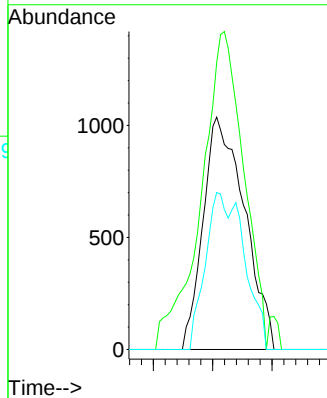
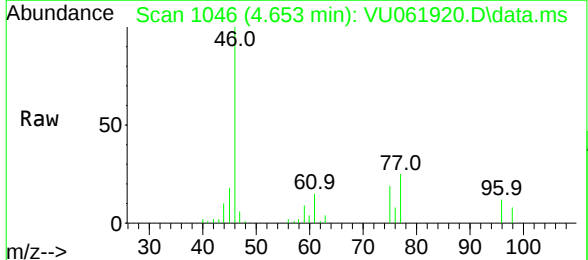
Manual Integrations
APPROVED

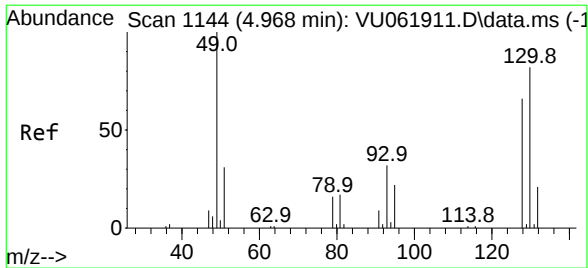
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.210 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

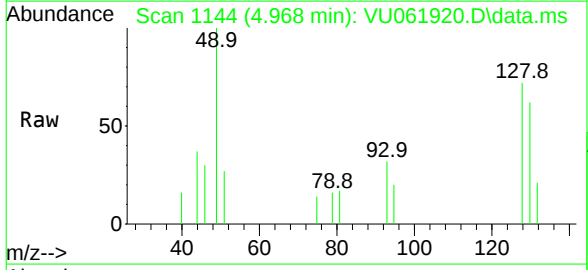
Tgt Ion: 96 Resp: 2508
Ion Ratio Lower Upper
96 100
61 123.5 92.0 170.8
98 67.6 44.5 82.7





#23
 Bromochloromethane
 Concen: 0.212 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

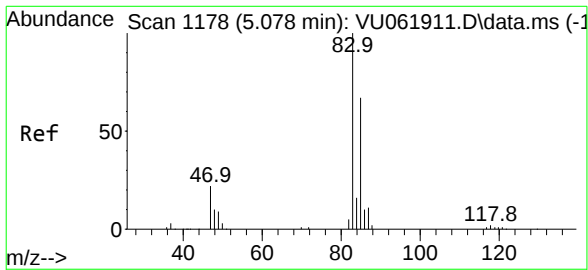
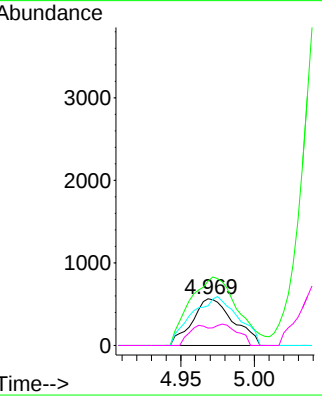
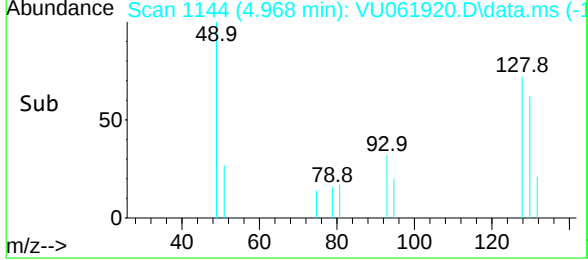
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT4-2024-07



Tgt Ion:	128	Resp:	1099
Ion	Ratio	Lower	Upper
128	100		
49	138.1	115.3	214.1
130	85.0	92.0	170.8
51	37.2	44.7	67.1

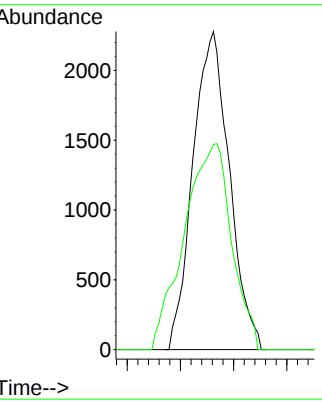
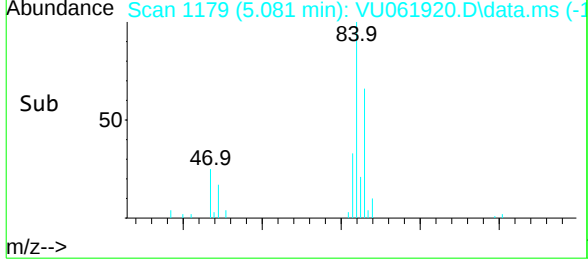
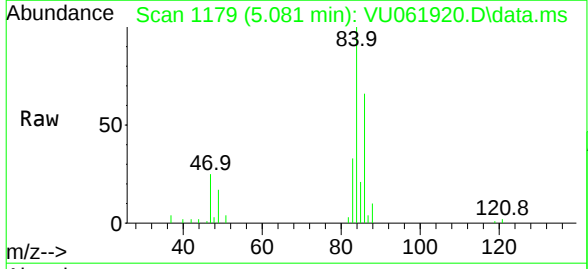
Manual Integrations
 APPROVED

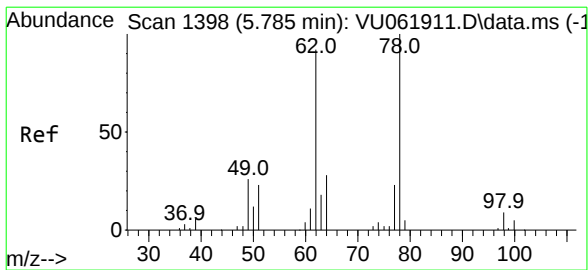
Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#25
 Chloroform
 Concen: 0.251 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.003 min
 Lab File: VU061920.D
 Acq: 21 Nov 2024 16:12

Tgt Ion:	83	Resp:	5421
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.4	84.2





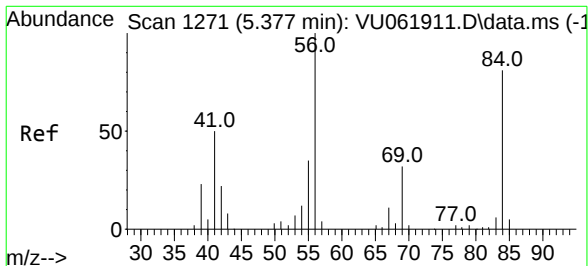
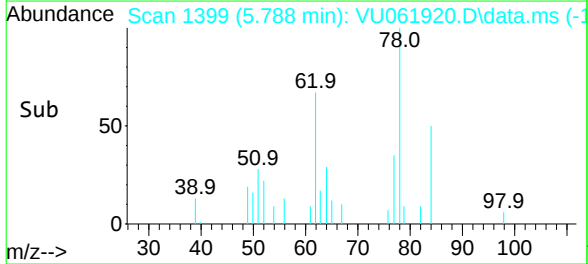
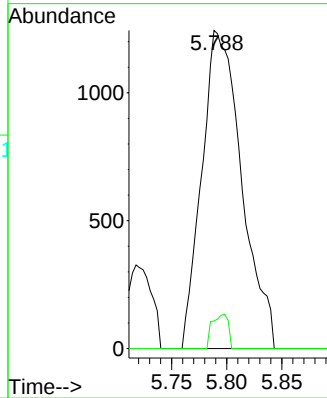
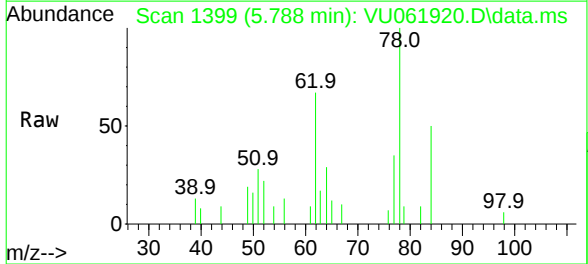
#27
1,2-Dichloroethane
Concen: 0.225 ug/L
RT: 5.788 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07

Tgt Ion: 62 Resp: 3132
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0

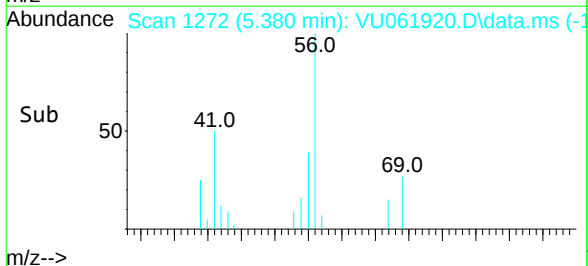
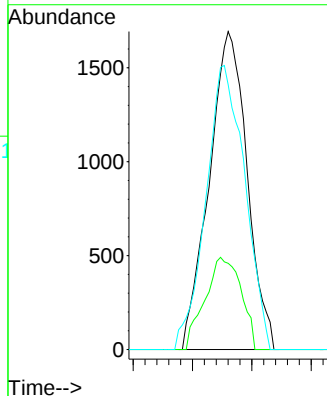
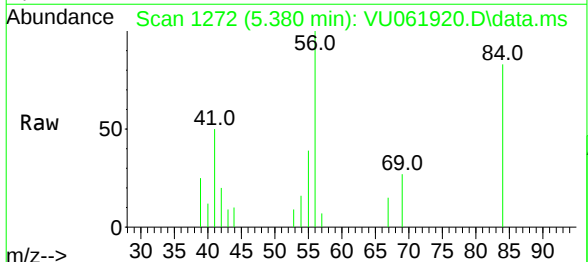
Manual Integrations
APPROVED

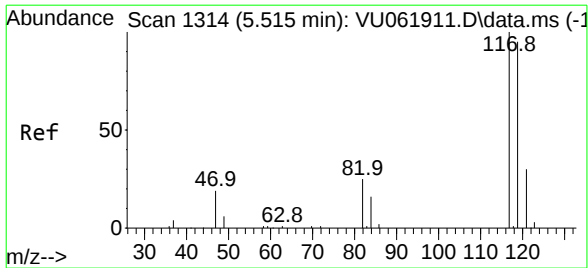
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#30
Cyclohexane
Concen: 0.227 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 56 Resp: 3749
Ion Ratio Lower Upper
56 100
69 27.6 25.1 37.7
84 91.8 70.6 105.8





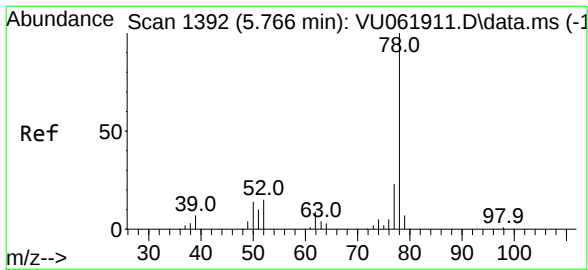
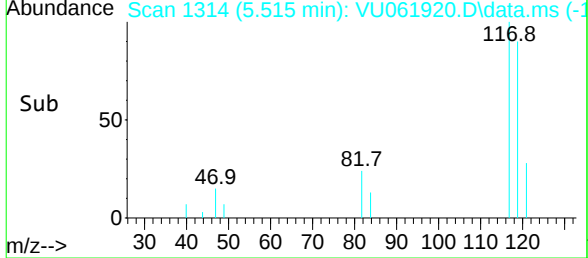
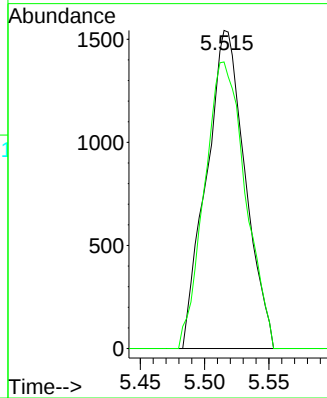
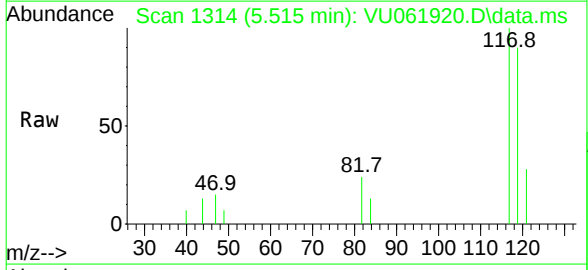
#31
Carbon tetrachloride
Concen: 0.241 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07

Tgt Ion: 117 Resp: 3229
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3

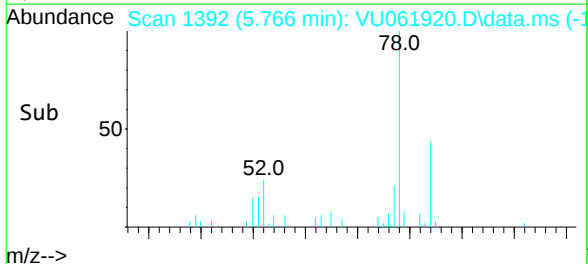
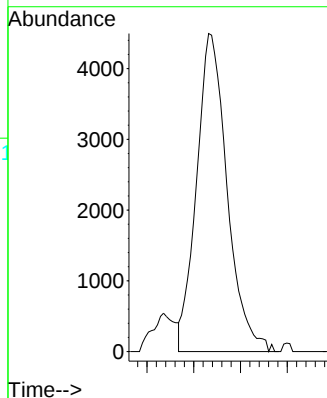
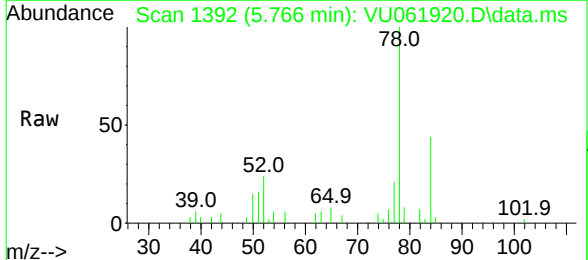
Manual Integrations
APPROVED

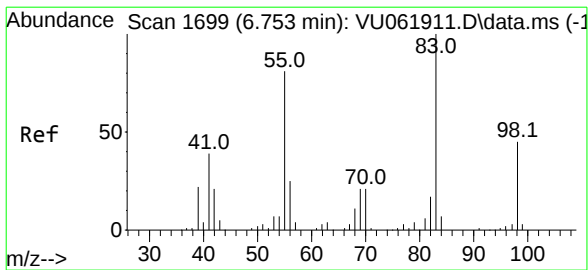
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#33
Benzene
Concen: 0.247 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 78 Resp: 10214





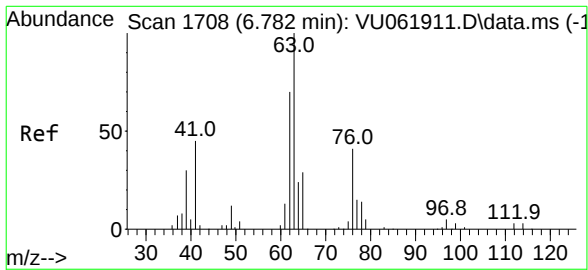
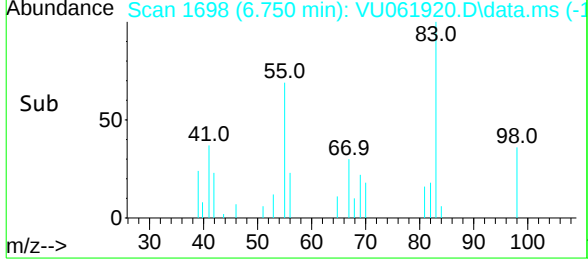
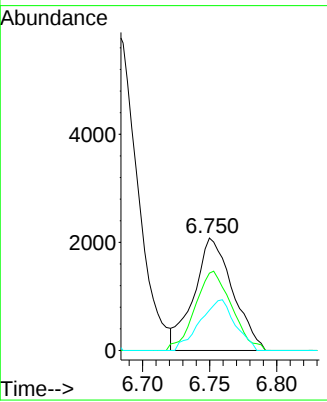
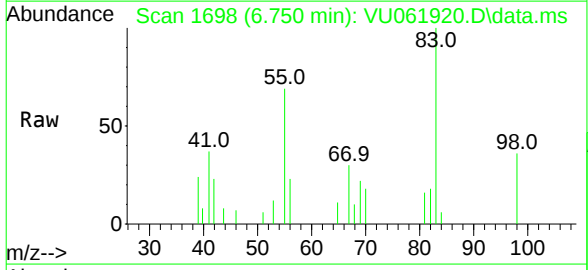
#35
Methylcyclohexane
Concen: 0.247 ug/L
RT: 6.750 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07

Tgt Ion:	83	Resp:	4167
Ion	Ratio	Lower	Upper
83	100		
55	66.6	60.7	91.1
98	40.9	34.8	52.2

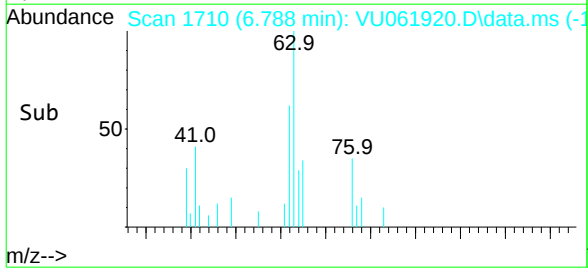
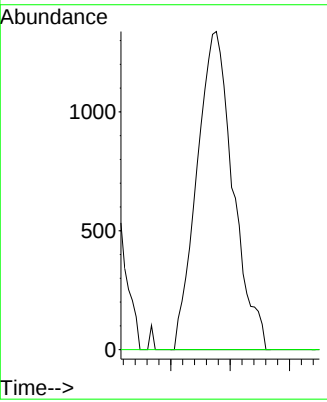
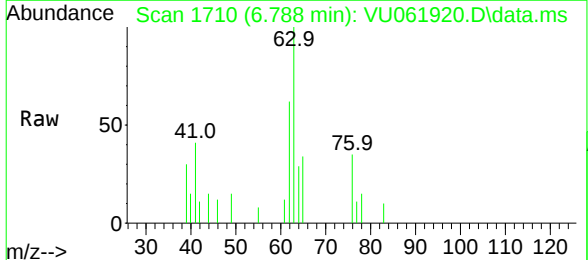
Manual Integrations
APPROVED

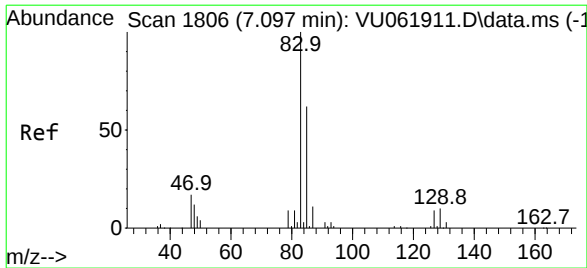
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#37
1,2-Dichloropropane
Concen: 0.263 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:	63	Resp:	2830
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





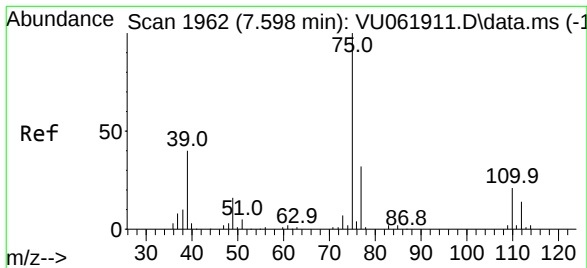
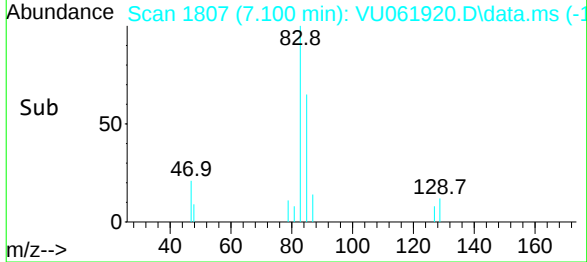
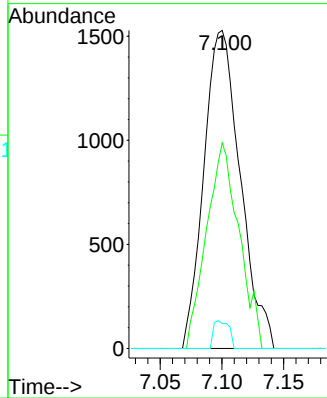
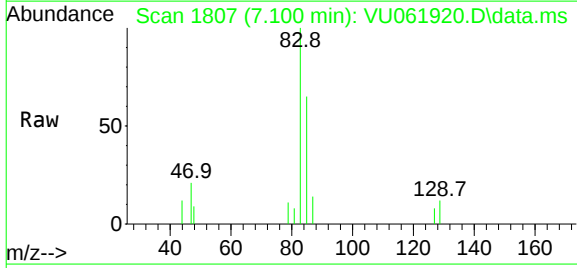
#38
Bromodichloromethane
Concen: 0.240 ug/L
RT: 7.100 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07

Tgt Ion	83	Resp	3129
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.1	81.9
127	7.9	6.9	10.3

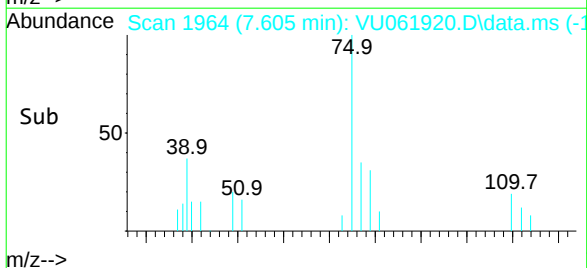
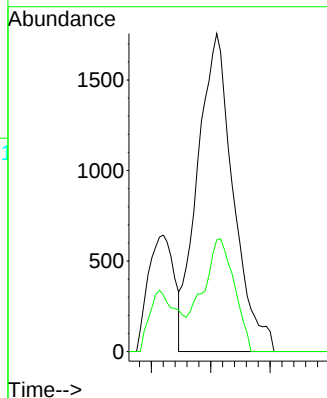
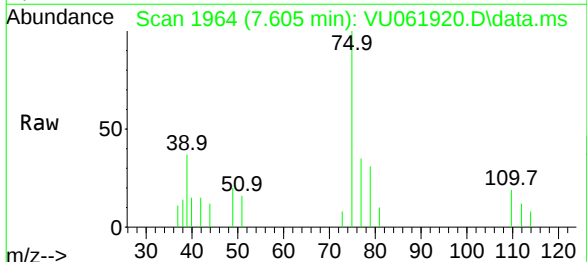
Manual Integrations
APPROVED

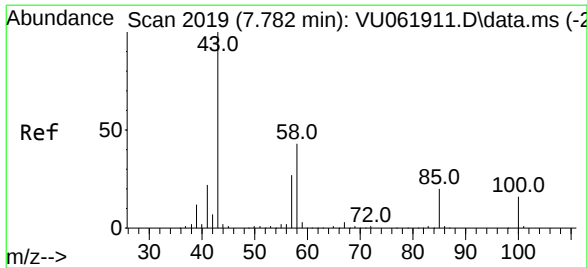
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#39
cis-1,3-Dichloropropene
Concen: 0.243 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion	75	Resp	3665
Ion	Ratio	Lower	Upper
75	100		
77	35.1	22.3	41.3





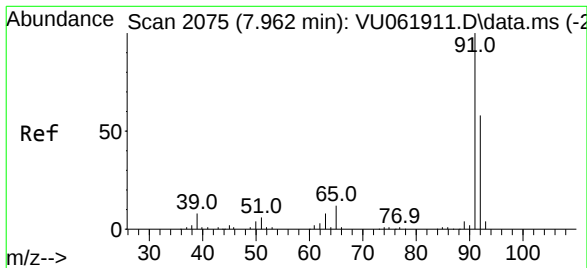
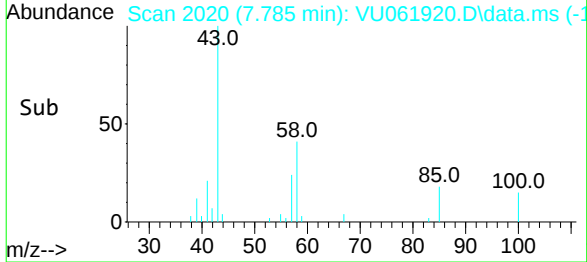
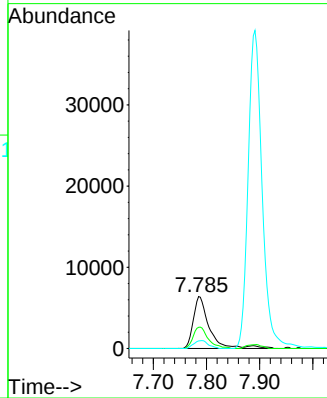
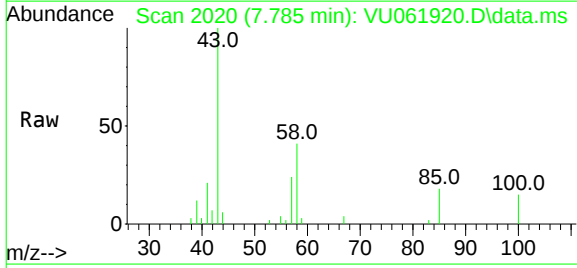
#40
4-Methyl-2-pentanone
Concen: 2.297 ug/L m
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07

Tgt Ion:	43	Resp:	13330
Ion	Ratio	Lower	Upper
43	100		
58	38.6	33.3	49.9
100	0.0	12.4	18.6

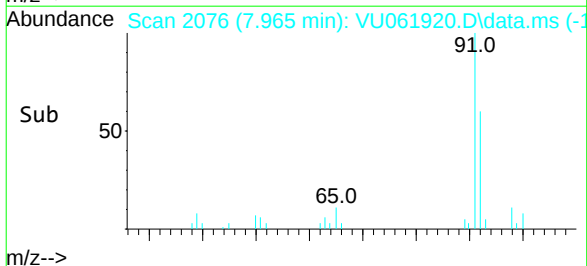
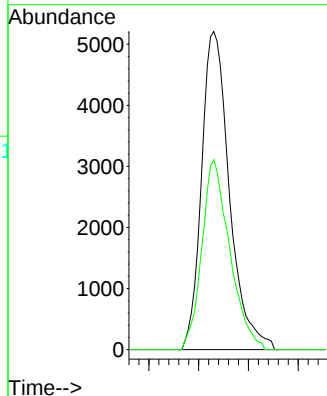
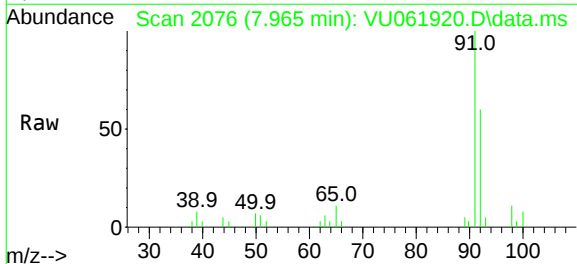
Manual Integrations
APPROVED

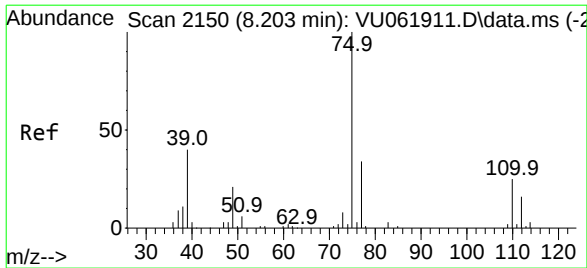
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#42
Toluene
Concen: 0.233 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

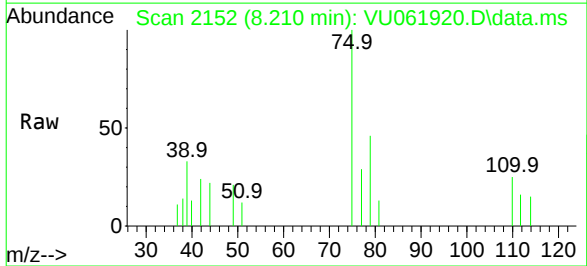
Tgt Ion:	91	Resp:	10133
Ion	Ratio	Lower	Upper
91	100		
92	59.7	39.0	72.4





#44
trans-1,3-Dichloropropene
Concen: 0.237 ug/L
RT: 8.210 min Scan# 2111
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

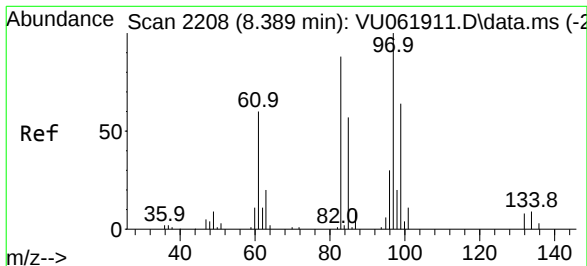
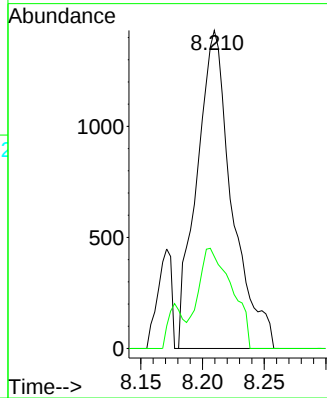
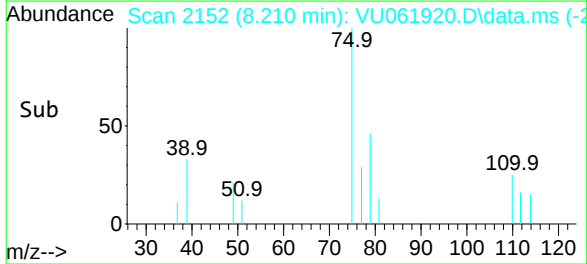
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07



Tgt Ion: 75 Resp: 2842
Ion Ratio Lower Upper
75 100
77 28.9 21.8 40.4

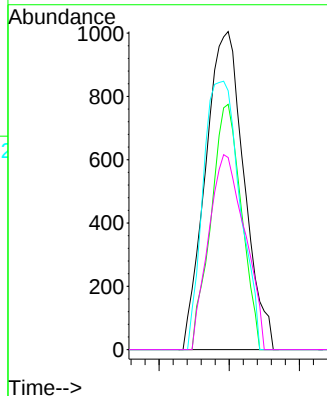
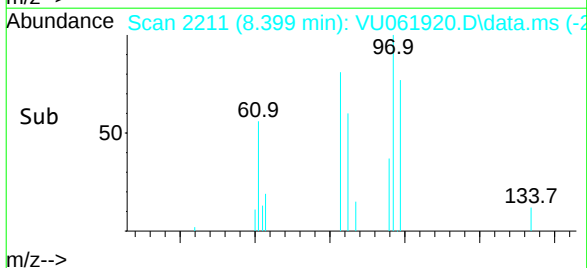
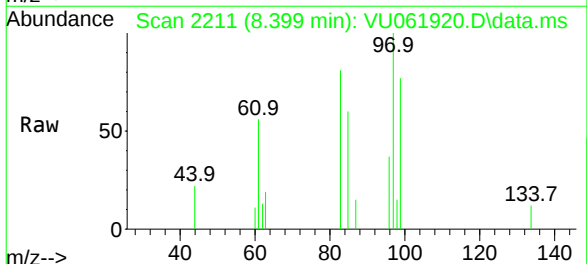
Manual Integrations
APPROVED

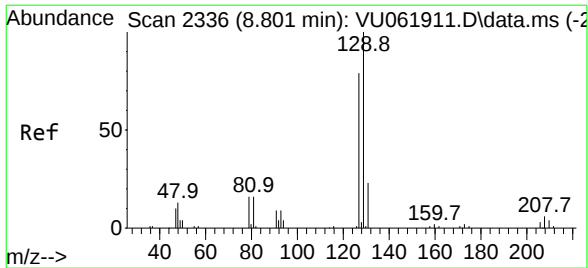
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#45
1,1,2-Trichloroethane
Concen: 0.241 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion: 97 Resp: 1913
Ion Ratio Lower Upper
97 100
99 77.1 43.0 79.8
83 81.4 61.7 114.5
85 60.4 40.1 74.5





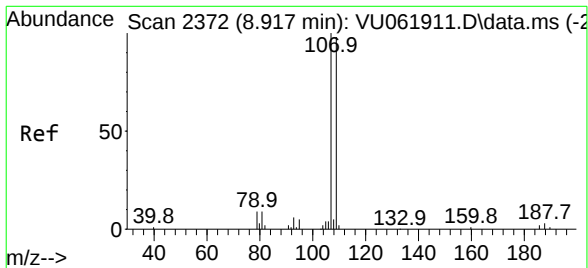
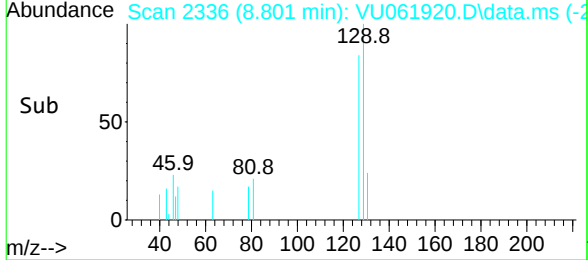
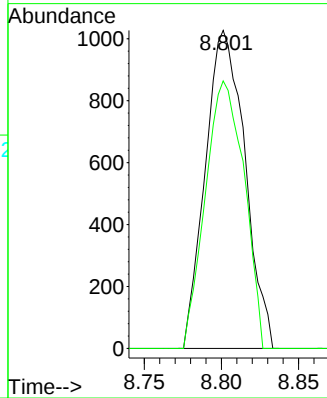
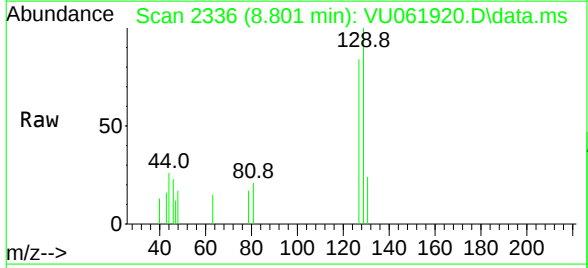
#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07

Tgt Ion:129 Resp: 1832
Ion Ratio Lower Upper
129 100
127 84.1 51.1 94.9

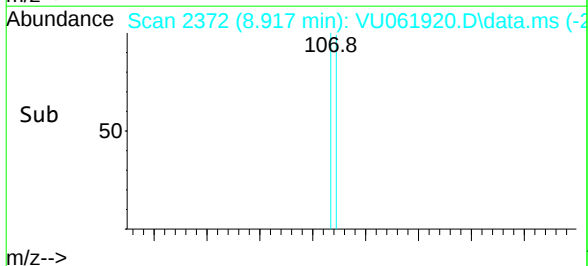
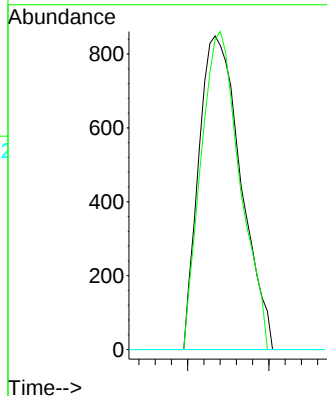
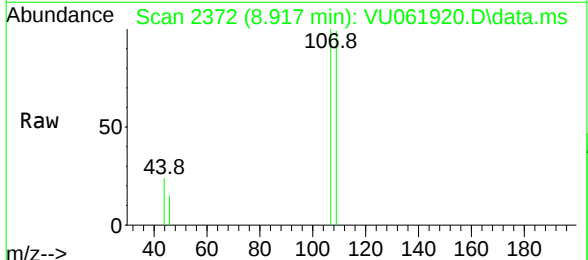
Manual Integrations
APPROVED

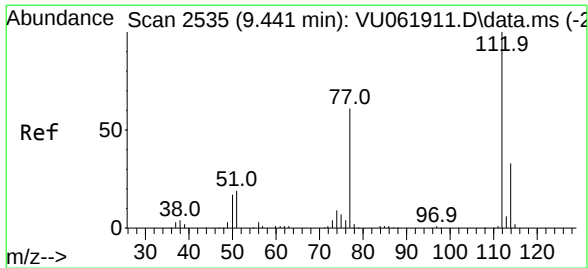
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#50
1,2-Dibromoethane
Concen: 0.194 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:107 Resp: 1525
Ion Ratio Lower Upper
107 100
109 98.9 66.8 124.2
188 0.0 2.3 3.5#





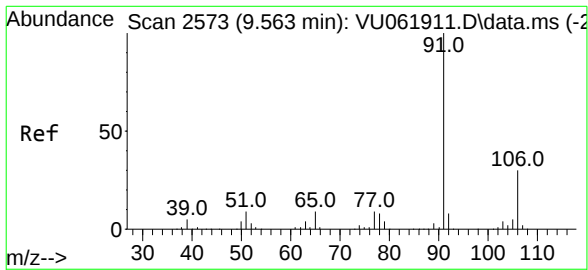
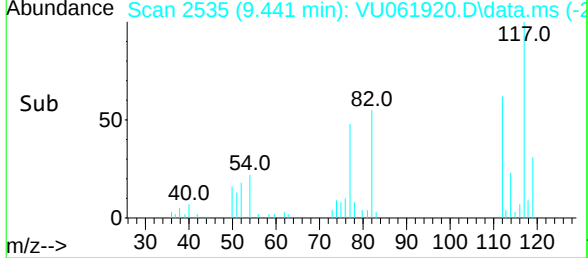
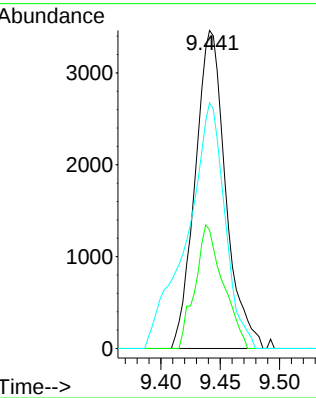
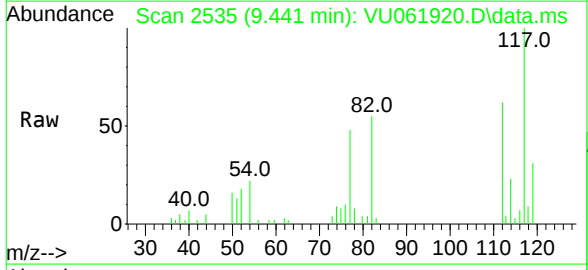
#51
Chlorobenzene
Concen: 0.207 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07

Tgt Ion:	112	Resp:	6171
Ion	Ratio	Lower	Upper
112	100		
114	35.1	23.0	42.6
77	72.7	50.5	75.7

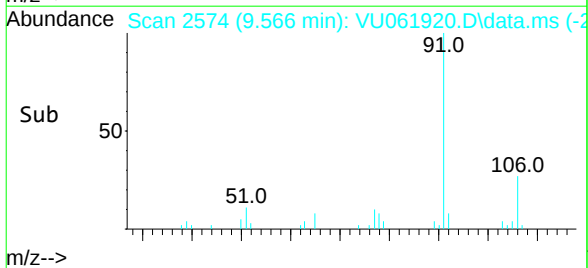
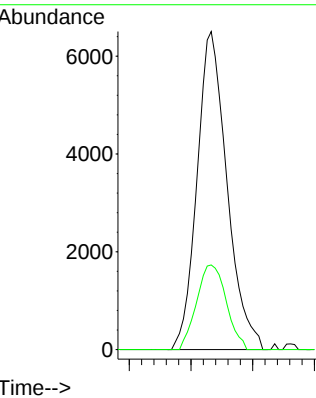
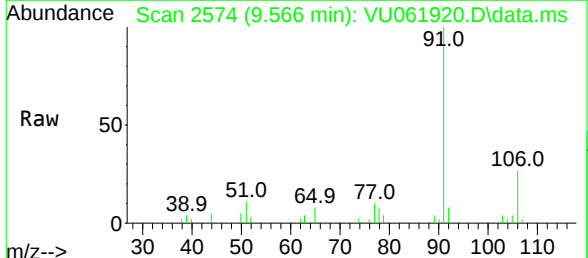
Manual Integrations
APPROVED

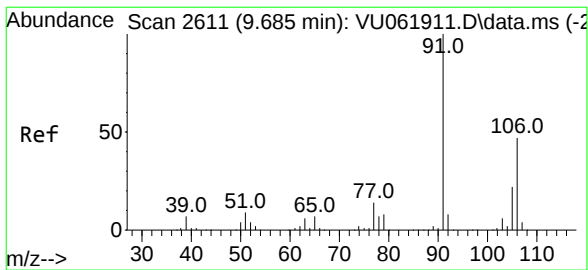
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#52
Ethylbenzene
Concen: 0.211 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:	91	Resp:	10967
Ion	Ratio	Lower	Upper
91	100		
106	26.6	21.6	40.0



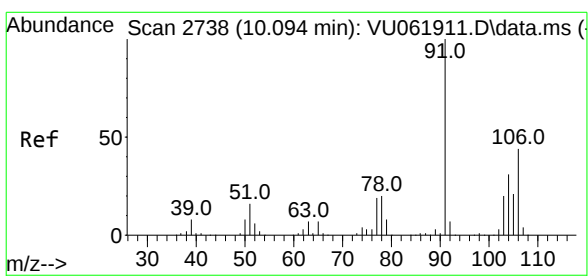
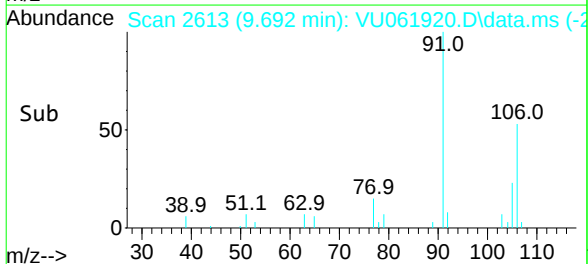
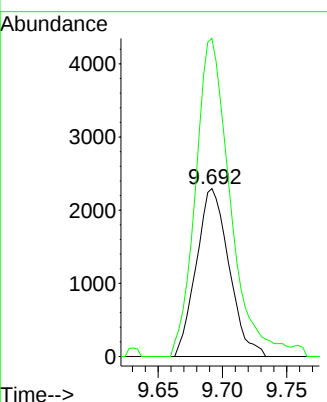
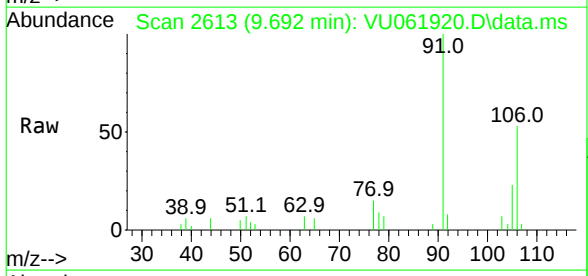


#53
m,p-Xylene
Concen: 0.221 ug/L
RT: 9.692 min Scan# 2611
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07

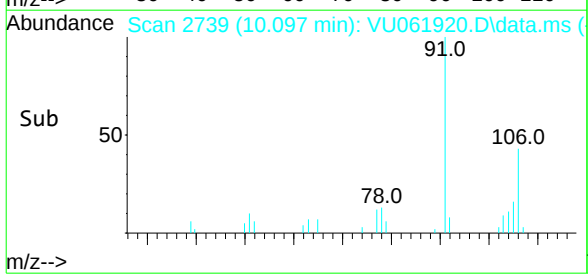
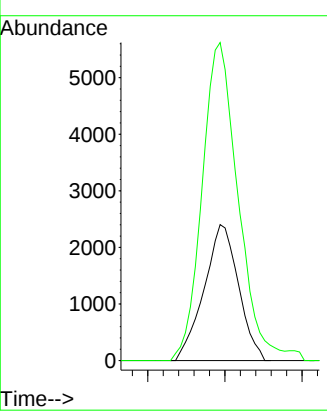
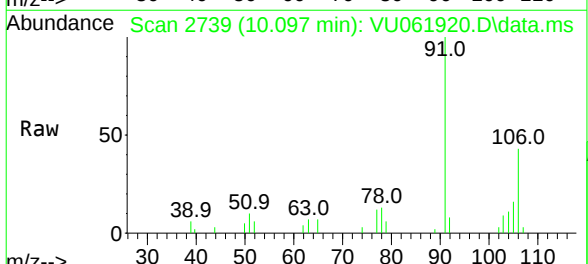
Tgt Ion:	106	Resp:	4063
Ion Ratio	Lower	Upper	
106	100		
91	189.4	147.6	274.0

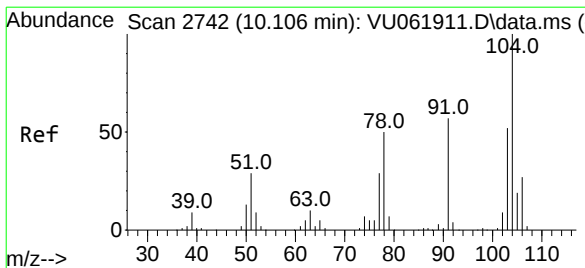
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#54
o-Xylene
Concen: 0.201 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Tgt Ion:	106	Resp:	3721
Ion Ratio	Lower	Upper	
106	100		
91	233.9	159.8	296.8





#55

Styrene

Concen: 0.174 ug/L

RT: 10.116 min Scan# 2742

Delta R.T. 0.010 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :

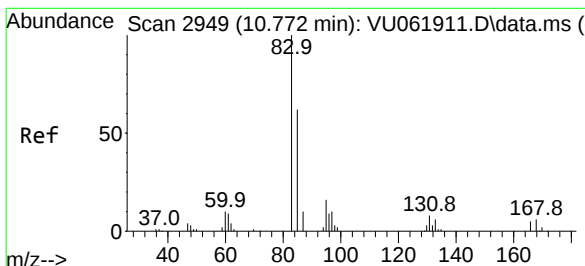
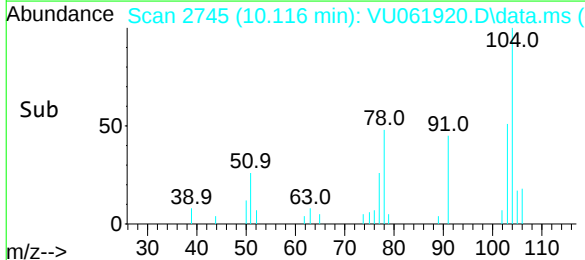
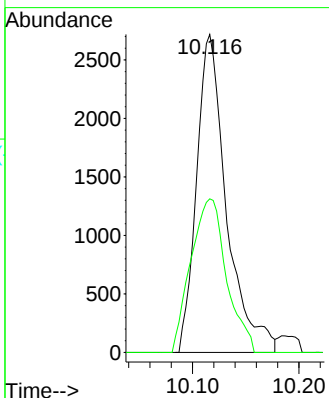
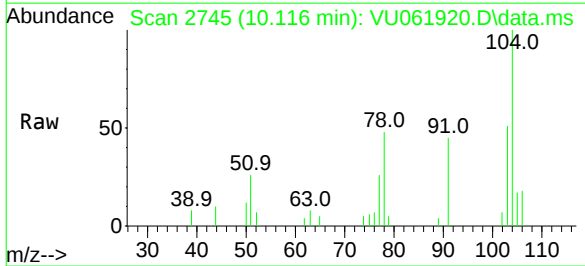
MDL-WATER-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	33.2	61.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#57

1,1,2,2-Tetrachloroethane

Concen: 0.209 ug/L

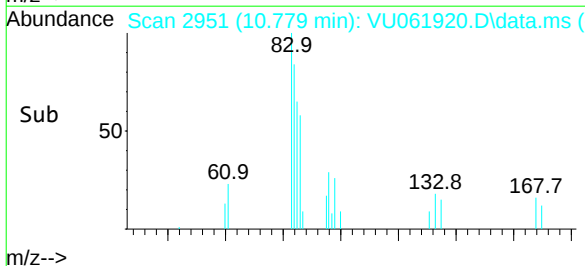
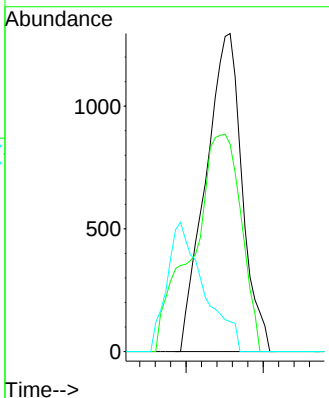
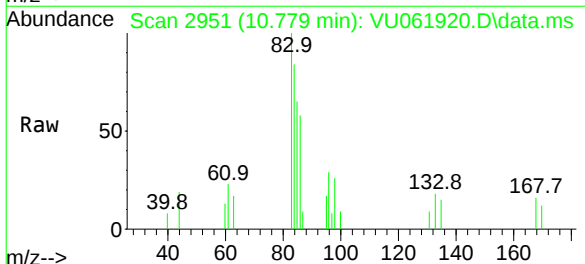
RT: 10.779 min Scan# 2951

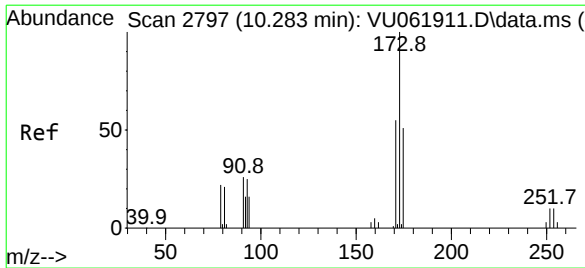
Delta R.T. 0.007 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.4	82.4
131	9.4	7.3	10.9





#59

Bromoform

Concen: 0.229 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2024-07

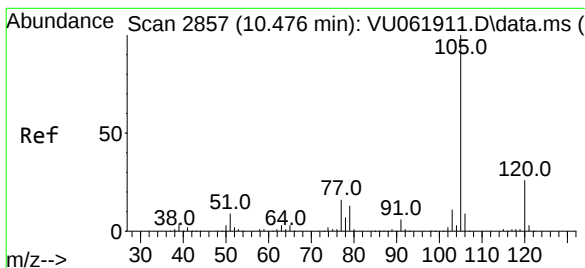
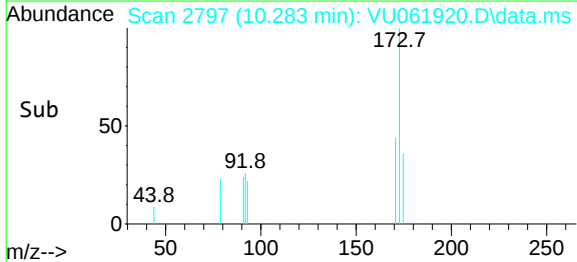
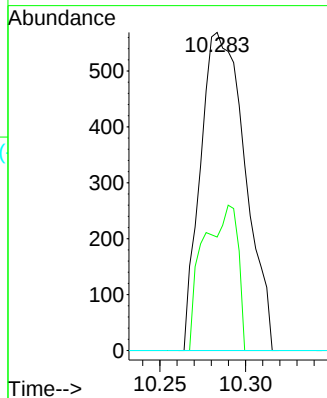
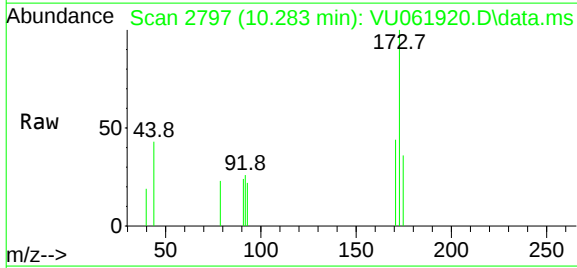
Tgt	Ion:173	Resp:	1031
Ion	Ratio	Lower	Upper
173	100		
175	35.1	39.0	58.4
254	0.0	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024

Supervised By :Semsettin Yesilyurt 11/25/2024



#60

Isopropylbenzene

Concen: 0.199 ug/L

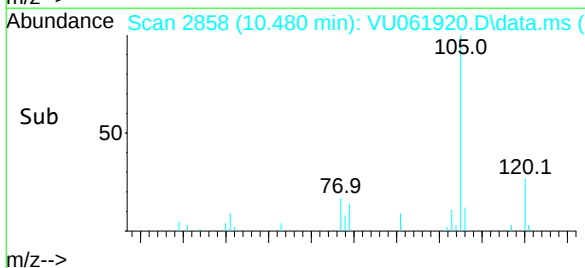
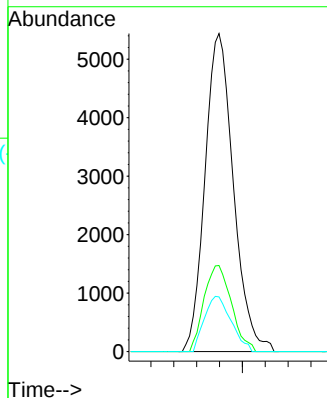
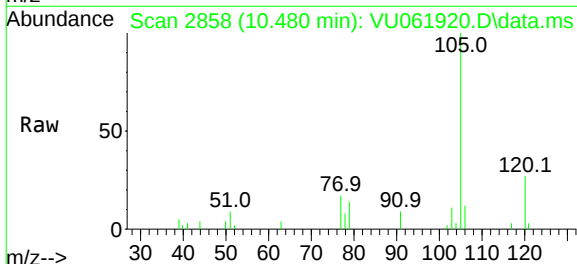
RT: 10.480 min Scan# 2858

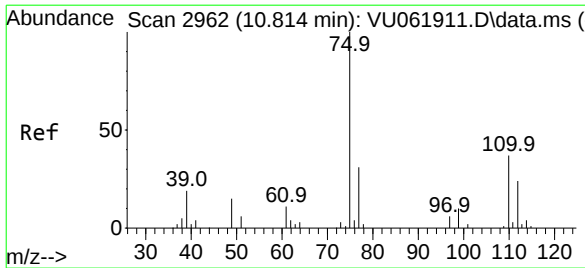
Delta R.T. 0.003 min

Lab File: VU061920.D

Acq: 21 Nov 2024 16:12

Tgt	Ion:105	Resp:	9396
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0
77	16.3	13.0	19.6





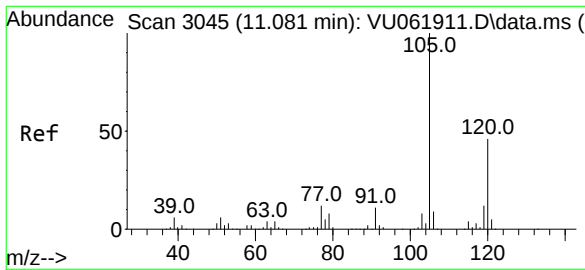
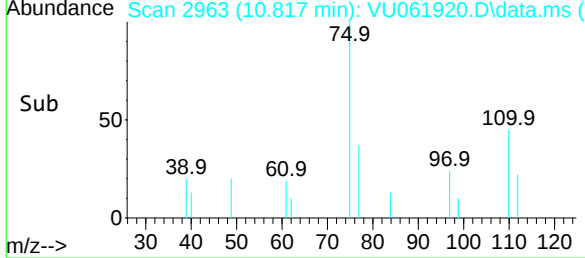
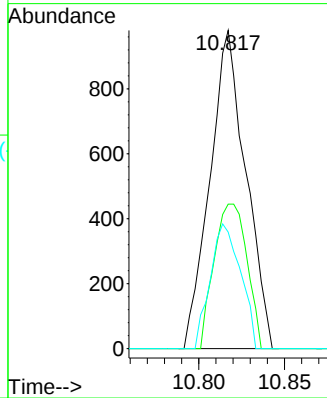
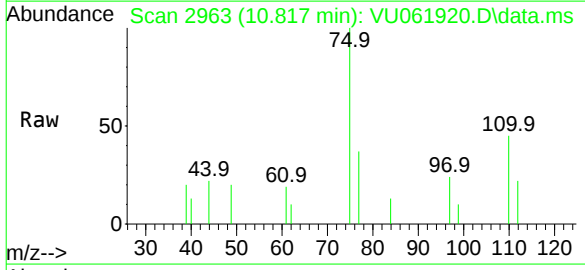
#61
1,2,3-Trichloropropane
Concen: 0.204 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07

Tgt Ion:	75	Resp:	1426
Ion Ratio	Lower	Upper	
75	100		
110	41.5	28.9	43.3
77	33.0	26.5	39.7

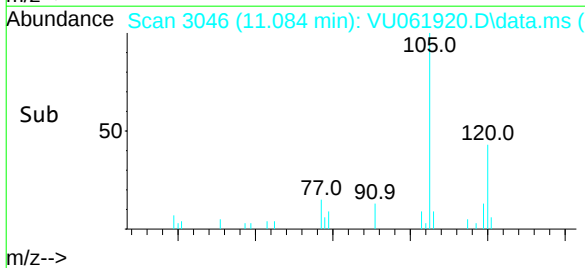
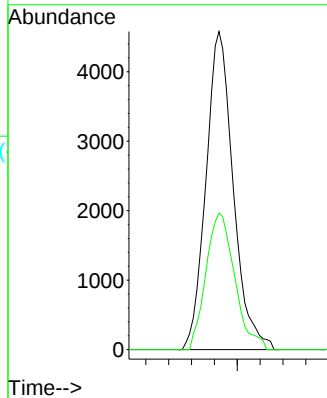
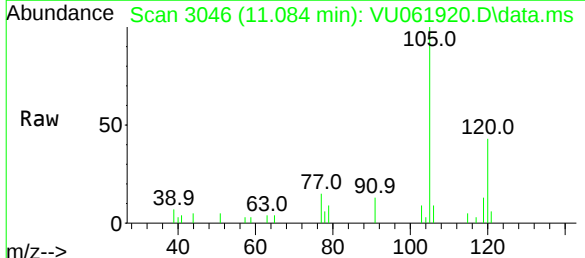
Manual Integrations
APPROVED

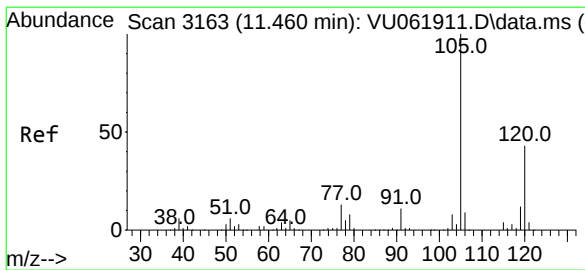
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.201 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

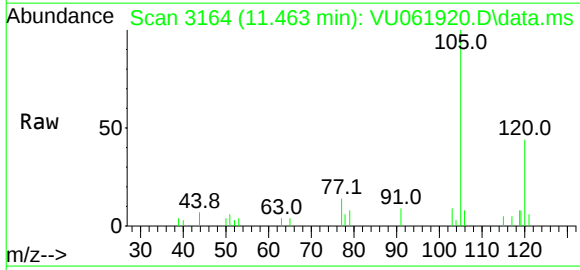
Tgt Ion:	105	Resp:	7588
Ion Ratio	Lower	Upper	
105	100		
120	45.2	36.7	55.1





#63
1,2,4-Trimethylbenzene
Concen: 0.191 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

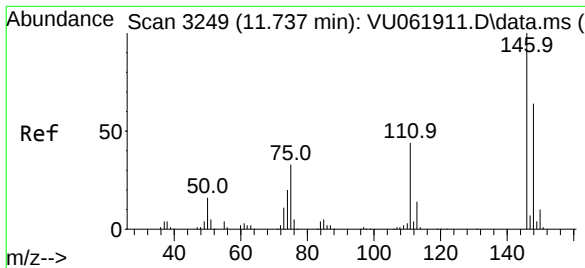
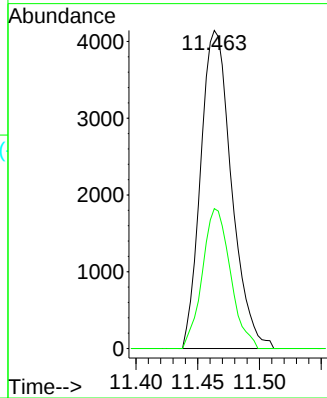
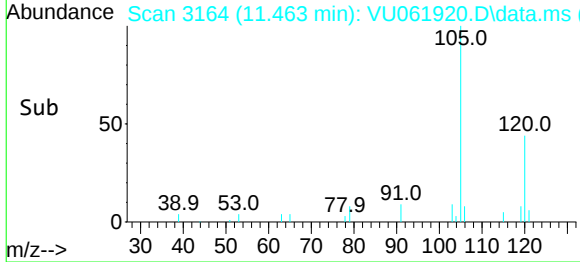
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07



Tgt Ion:105 Resp: 7194
Ion Ratio Lower Upper
105 100
120 40.1 34.7 52.1

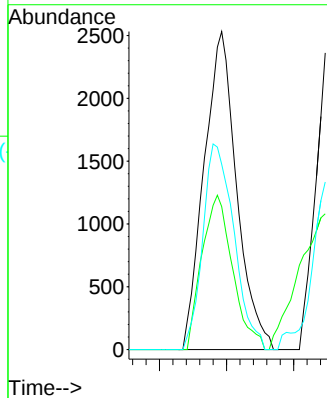
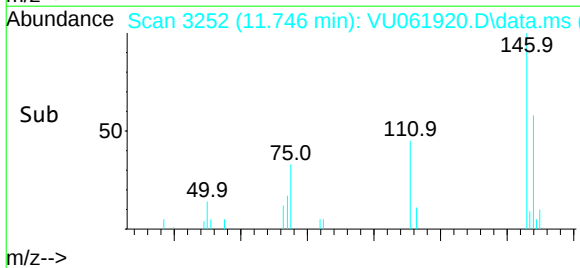
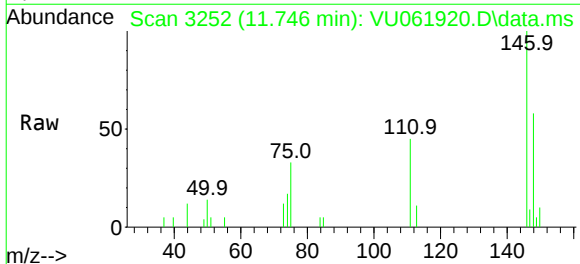
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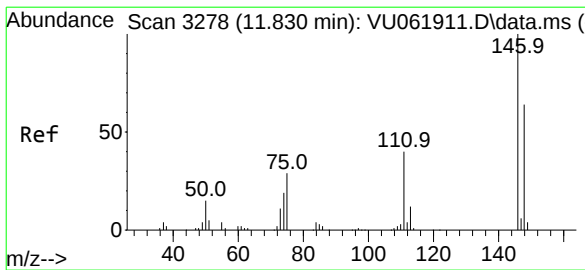
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#64
1,3-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.010 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

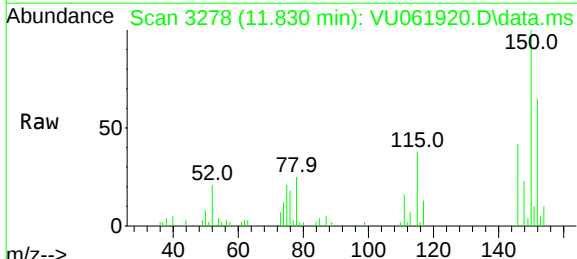
Tgt Ion:146 Resp: 4270
Ion Ratio Lower Upper
146 100
111 44.9 30.7 57.1
148 58.3 45.1 83.7





#65
1,4-Dichlorobenzene
Concen: 0.234 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

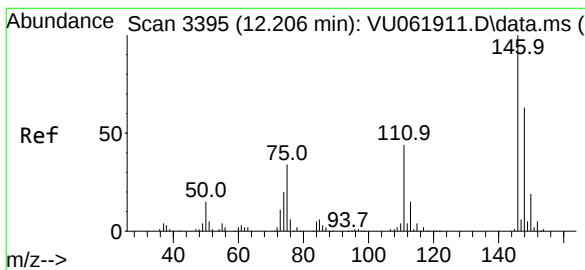
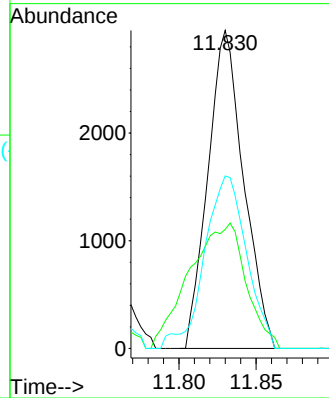
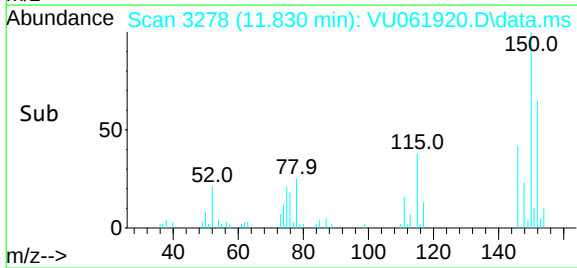
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07



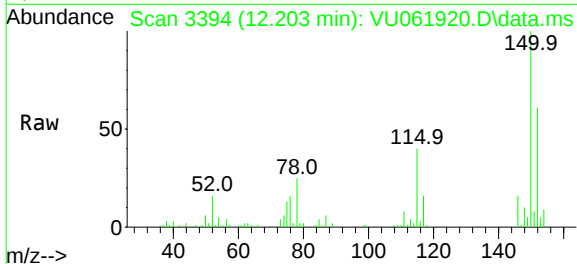
Tgt Ion:146 Resp: 4756
Ion Ratio Lower Upper
146 100
111 37.4 29.3 54.3
148 54.2 44.6 82.8

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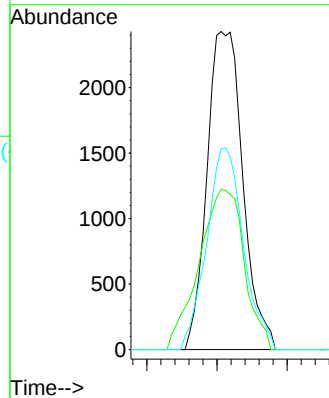
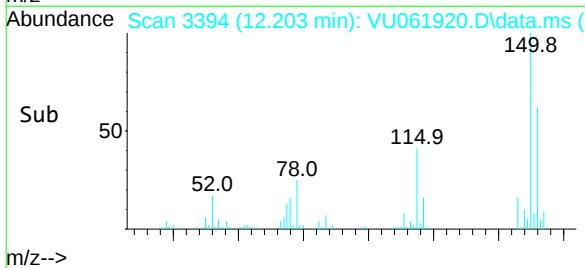
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

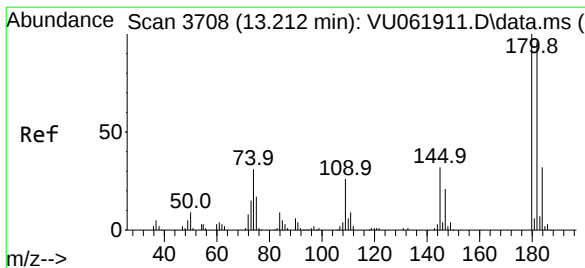


#67
1,2-Dichlorobenzene
Concen: 0.236 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12



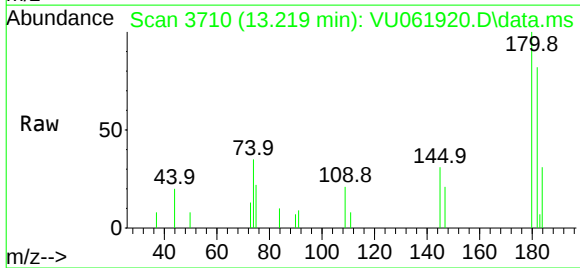
Tgt Ion:146 Resp: 4305
Ion Ratio Lower Upper
146 100
111 50.4 36.0 54.0
148 63.1 52.3 78.5





#69
1,3,5-Trichlorobenzene
Concen: 0.232 ug/L
RT: 13.219 min Scan# 3708
Delta R.T. 0.007 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

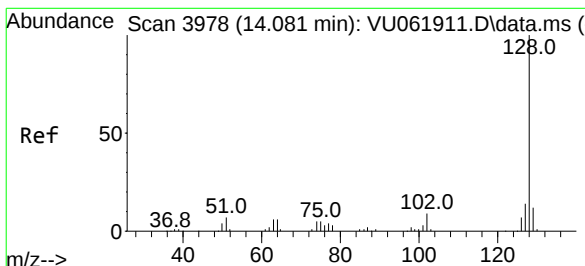
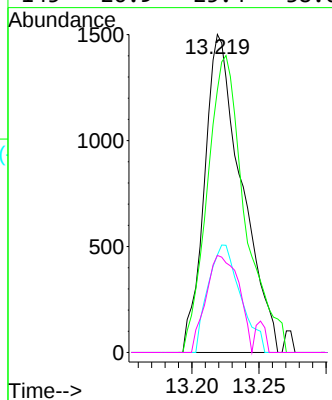
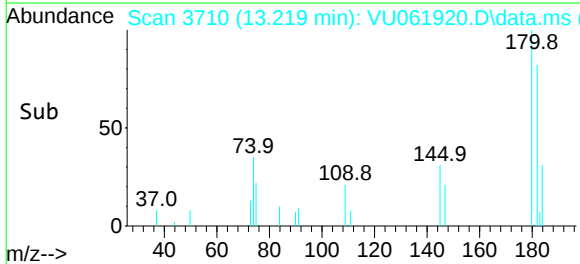
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2024-07



Tgt Ion:	180	Resp:	2892
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
184	29.4	24.8	37.2
145	26.9	25.4	38.0

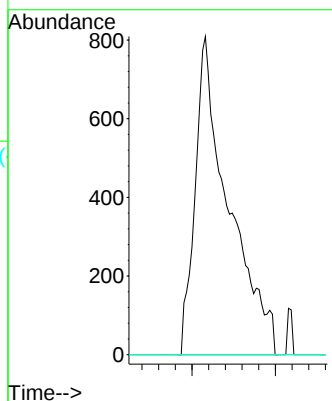
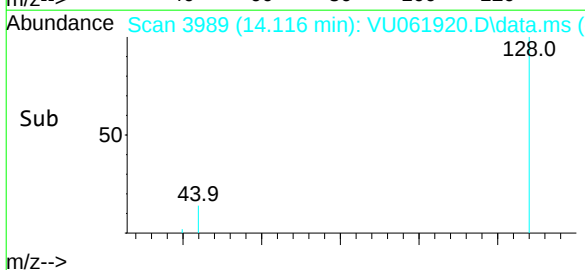
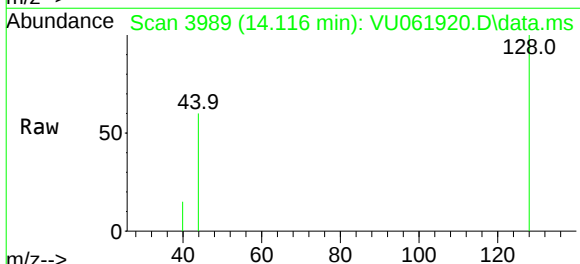
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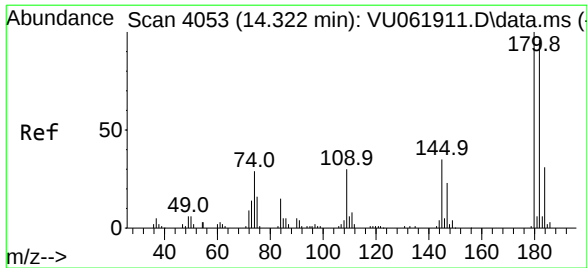
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#71
Naphthalene
Concen: 0.146 ug/L
RT: 14.116 min Scan# 3989
Delta R.T. 0.035 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

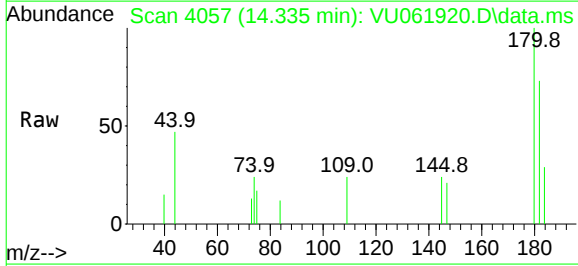
Tgt Ion:	128	Resp:	2249
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	10.2	15.4#





#72
1,2,3-Trichlorobenzene
Concen: 0.210 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.013 min
Lab File: VU061920.D
Acq: 21 Nov 2024 16:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2024-07



Tgt Ion:180 Resp: 1728
Ion Ratio Lower Upper
180 100
182 46.9 76.1 114.1#
145 13.7 27.4 41.0#

Manual Integrations
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Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

