

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051761.D
 Acq On : 04 Nov 2022 15:35
 Operator : JC/MD
 Sample : N4015-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Nov 04 22:48:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/07/2022
 Supervised By :Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	164166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	183964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52772	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.912	69	52856	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.565	65	21949	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.620	46	177115	39.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.100%
24) Chloroform-d	5.060	84	129918	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	66404	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.726	84	232376	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.690	67	81663	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.896	98	177545	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.179	79	24065	3.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.632	63	130154	34.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76276	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	76093	4.887	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4090	0.228	ug/L #	85
3) Chloromethane	1.523	50	4699	0.208	ug/L	96
5) Vinyl chloride	1.604	62	5295	0.244	ug/L #	1
8) Chloroethane	1.935	64	4254	0.323	ug/L #	68
9) Trichlorofluoromethane	2.137	101	5553	0.233	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4234	0.303	ug/L #	78
12) 1,1-Dichloroethene	2.578	96	3412	0.239	ug/L #	1
13) Acetone	2.629	43	5735	2.524	ug/L	94
14) Carbon disulfide	2.793	76	11019	0.240	ug/L	98
15) Methyl Acetate	2.954	43	1498	0.252	ug/L #	74
16) Methylene chloride	3.044	84	24315	1.040	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	6580	0.201	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	3479	0.227	ug/L	94
19) 1,1-Dichloroethane	3.867	63	6548	0.232	ug/L	97
21) 2-Butanone	4.713	43	8250m	2.319	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	3841	0.227	ug/L	96
23) Bromochloromethane	4.973	128	1713	0.216	ug/L	89
27) 1,2-Dichloroethane	5.800	62	4116	0.228	ug/L #	94
29) 1,1,1-Trichloroethane	5.317	97	5315	0.213	ug/L	96

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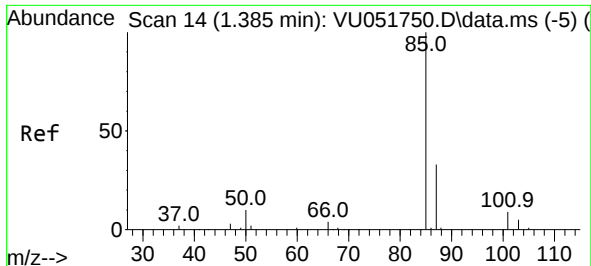
Quant Time: Nov 04 22:48:45 2022
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 Quant Title : TRACE VOA SFAM1.0
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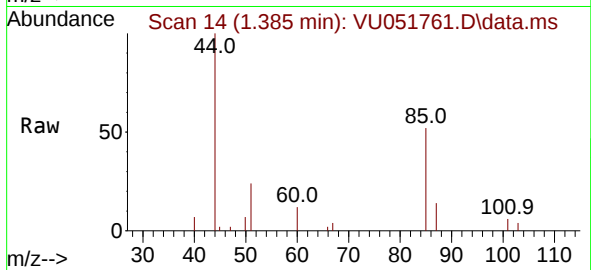
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.382	56	4197	0.182	ug/L	93
31) Carbon tetrachloride	5.523	117	4665	0.218	ug/L	94
33) Benzene	5.774	78	14306	0.197	ug/L	100
34) Trichloroethene	6.539	95	3919	0.224	ug/L	87
35) Methylcyclohexane	6.764	83	4634	0.191	ug/L #	91
37) 1,2-Dichloropropane	6.790	63	4242	0.227	ug/L	98
38) Bromodichloromethane	7.105	83	5323	0.233	ug/L	90
39) cis-1,3-Dichloropropene	7.610	75	4585	0.191	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	16051	1.714	ug/L #	83
44) trans-1,3-Dichloropropene	8.211	75	4367	0.218	ug/L	92
45) 1,1,2-Trichloroethane	8.401	97	2828	0.207	ug/L	95
49) Dibromochloromethane	8.809	129	3406	0.218	ug/L	88
50) 1,2-Dibromoethane	8.922	107	2736	0.222	ug/L #	99
51) Chlorobenzene	9.446	112	10624	0.226	ug/L	95
52) Ethylbenzene	9.571	91	13237	0.184	ug/L	97
53) m,p-Xylene	9.693	106	4983	0.178	ug/L	99
54) o-Xylene	10.099	106	4313	0.158	ug/L	94
55) Styrene	10.115	104	6185	0.135	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	3870	0.228	ug/L #	93
59) Bromoform	10.285	173	1710	0.218	ug/L #	91
60) Isopropylbenzene	10.484	105	10742	0.173	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	2609	0.238	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	3098	0.186	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	7362	0.153	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	6689	0.217	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	6729	0.218	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	6696	0.223	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	5021	0.228	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	3409	0.202	ug/L	87
71) Naphthalene	14.092	128	4755	0.151	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	2921	0.171	ug/L	86

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



#2
Dichlorodifluoromethane
Concen: 0.228 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

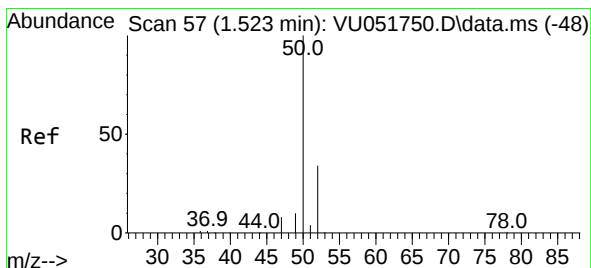
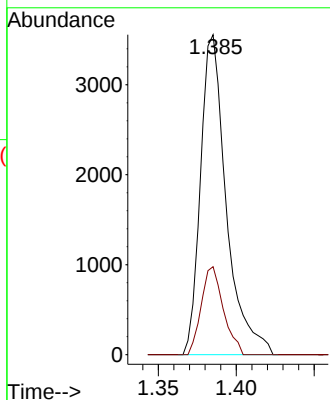
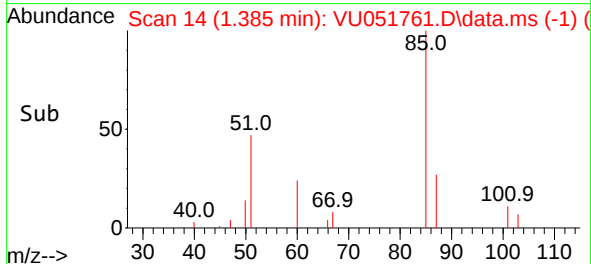
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion: 85 Resp: 4090
Ion Ratio Lower Upper
85 100
87 23.5 25.7 38.5

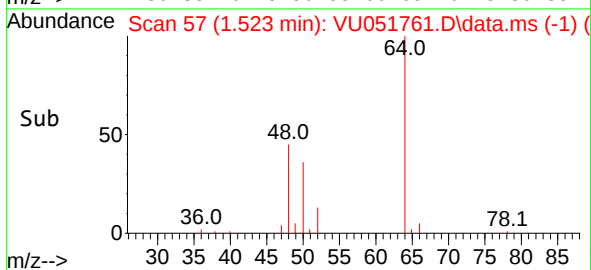
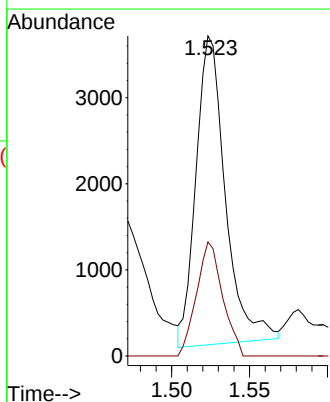
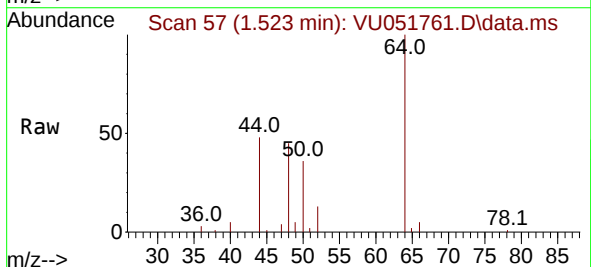
Manual Integrations
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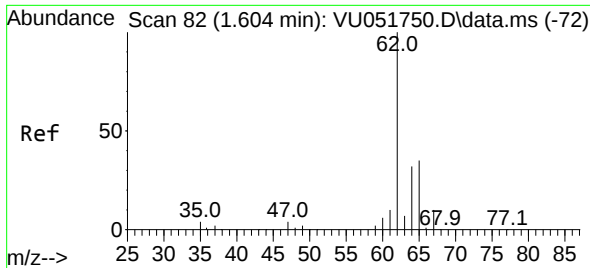
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#3
Chloromethane
Concen: 0.208 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion: 50 Resp: 4699
Ion Ratio Lower Upper
50 100
52 35.6 23.2 43.2





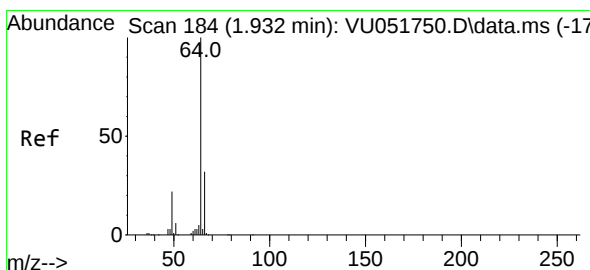
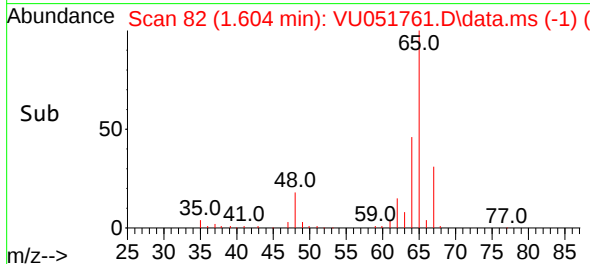
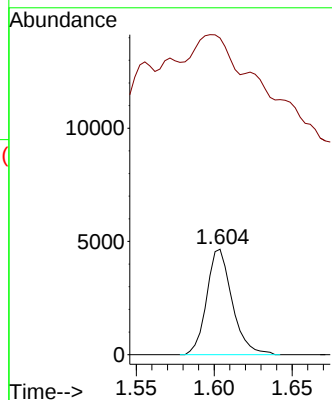
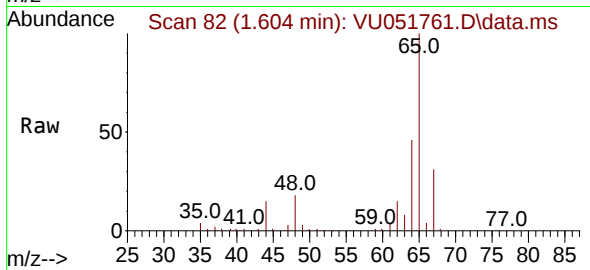
#5
 Vinyl chloride
 Concen: 0.244 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051761.D
 Acq: 04 Nov 2022 15:35

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Tgt Ion: 62 Resp: 529
 Ion Ratio Lower Upper
 62 100
 64 300.2 22.1 41.1

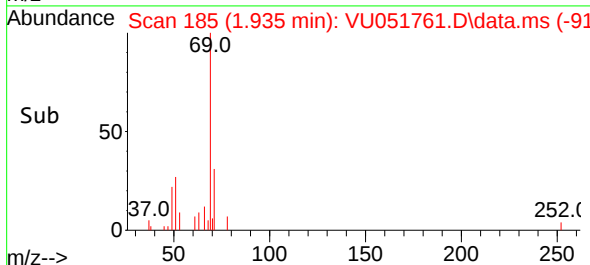
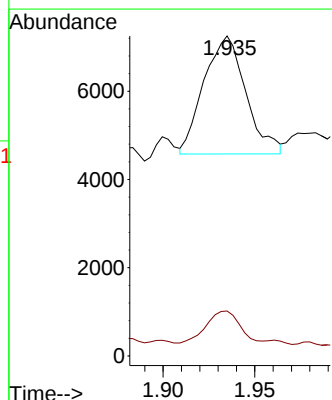
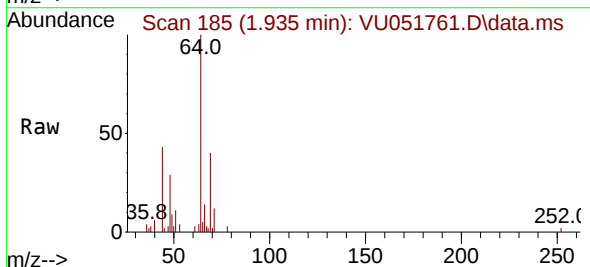
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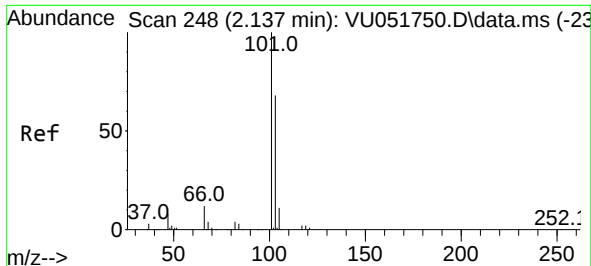
Reviewed By :Krupa Patel 11/07/2022
 Supervised By :Mahesh Dadoda 11/08/2022



#8
 Chloroethane
 Concen: 0.323 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.003 min
 Lab File: VU051761.D
 Acq: 04 Nov 2022 15:35

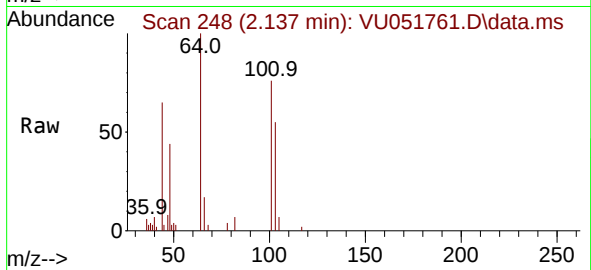
Tgt Ion: 64 Resp: 4254
 Ion Ratio Lower Upper
 64 100
 66 14.0 22.3 41.5





#9
 Trichlorofluoromethane
 Concen: 0.233 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051761.D
 Acq: 04 Nov 2022 15:35

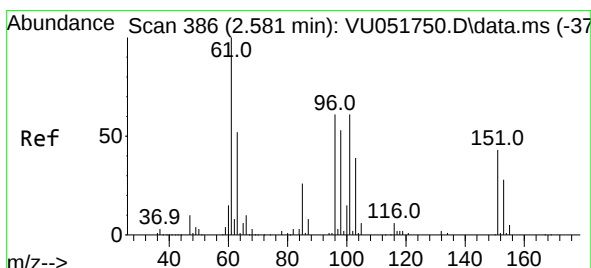
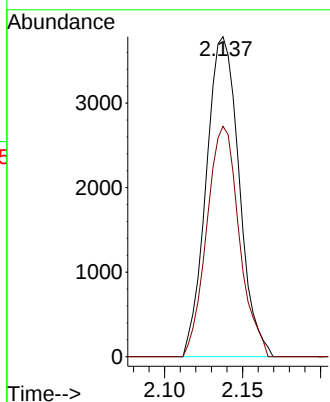
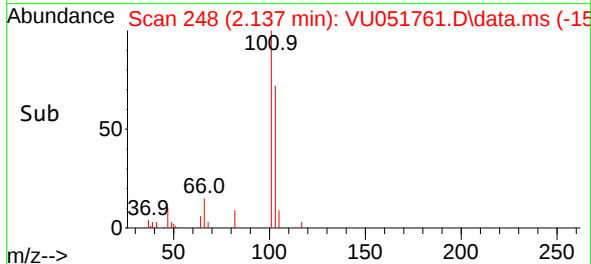
Instrument :
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 ClientSampleId :
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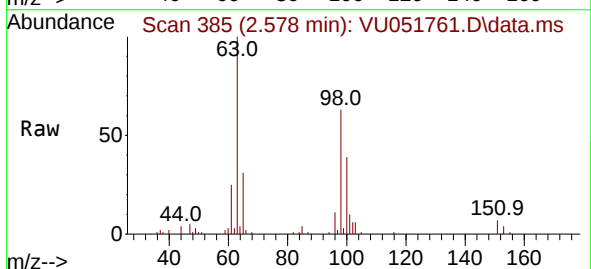
Tgt Ion:101 Resp: 555
 Ion Ratio Lower Upper
 101 100
 103 71.0 51.8 77.6

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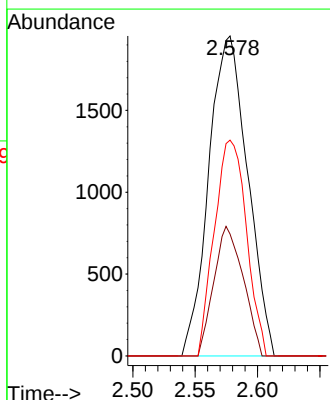
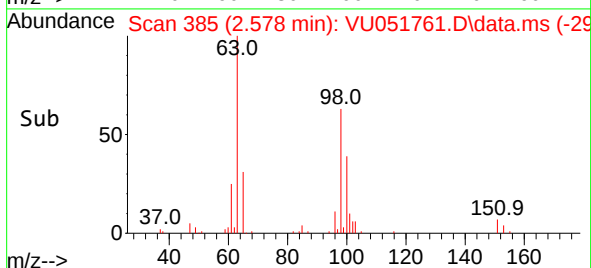
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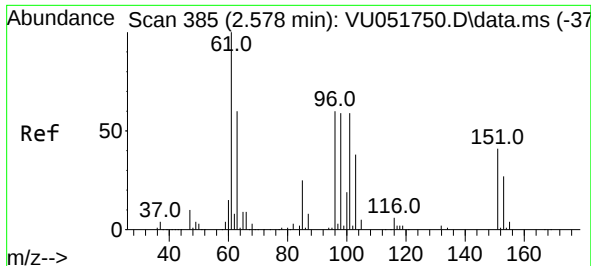


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.303 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU051761.D
 Acq: 04 Nov 2022 15:35



Tgt Ion:101 Resp: 4234
 Ion Ratio Lower Upper
 101 100
 85 30.7 35.6 53.4#
 151 55.7 59.6 89.4#





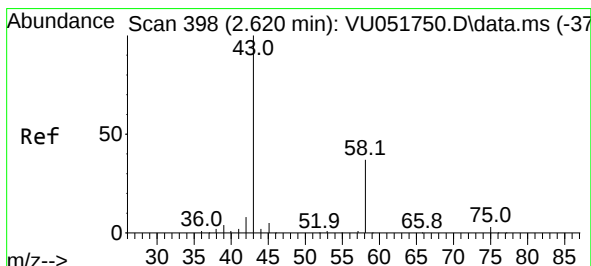
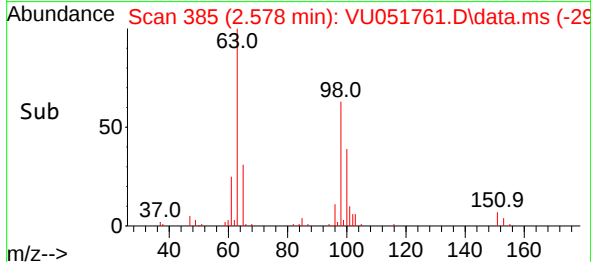
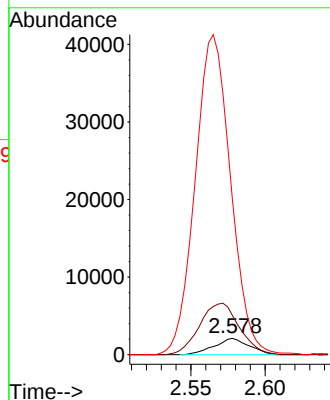
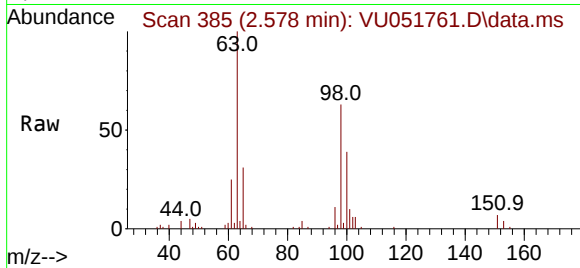
#12
1,1-Dichloroethene
Concen: 0.239 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion: 96 Resp: 341
Ion Ratio Lower Upper
96 100
61 239.8 108.8 202.0
63 948.7 64.9 120.5

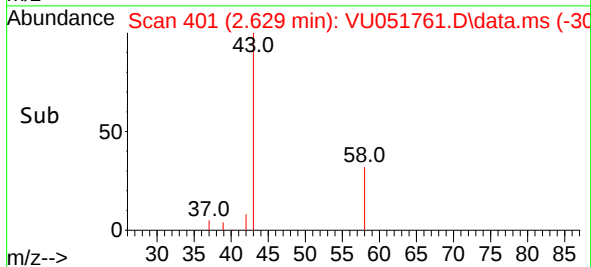
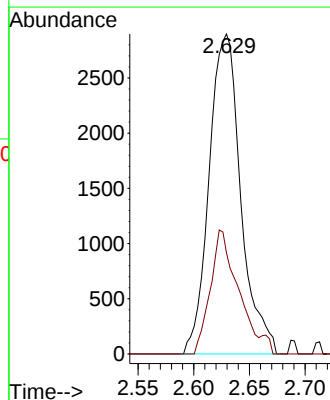
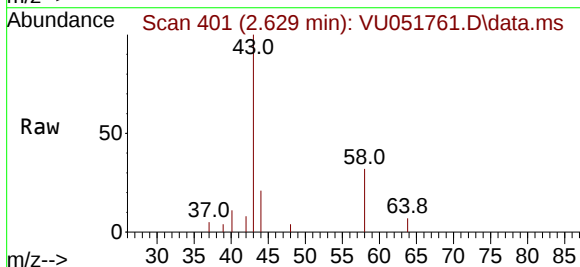
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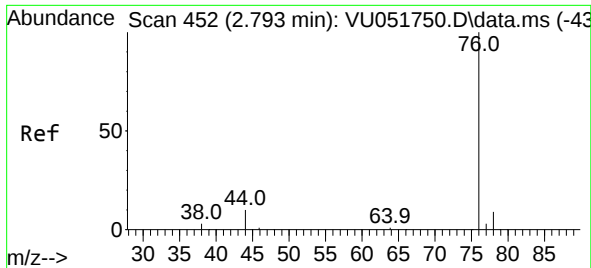
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#13
Acetone
Concen: 2.524 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.010 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

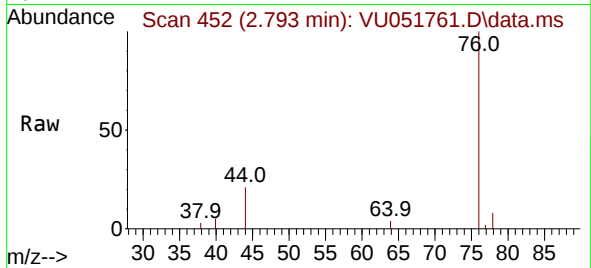
Tgt Ion: 43 Resp: 5735
Ion Ratio Lower Upper
43 100
58 33.4 0.0 73.8





#14
Carbon disulfide
Concen: 0.240 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

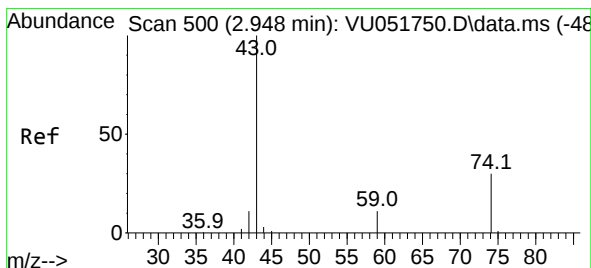
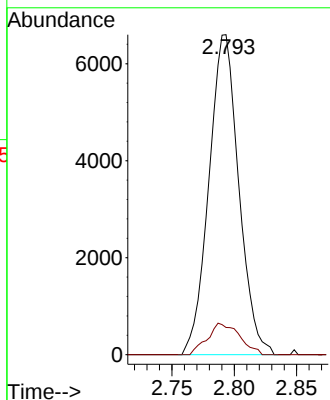
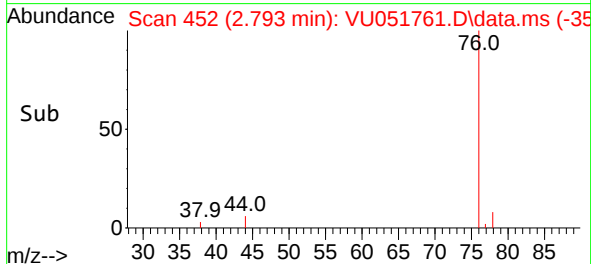
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



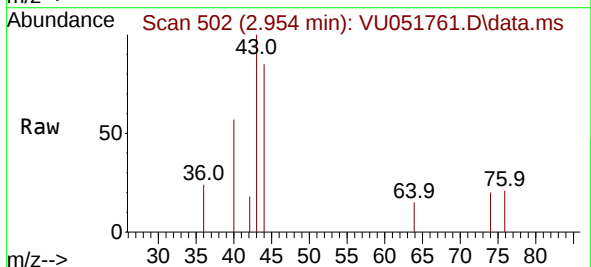
Tgt Ion: 76 Resp: 11019
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

Manual Integrations
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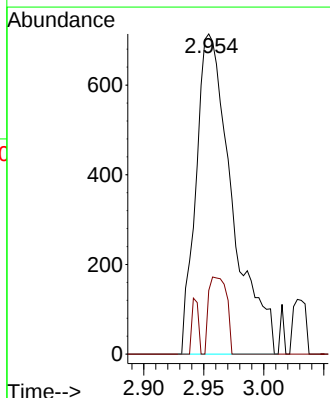
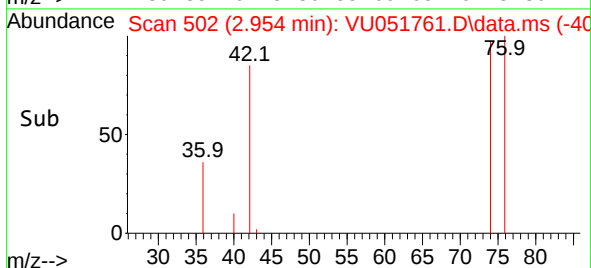
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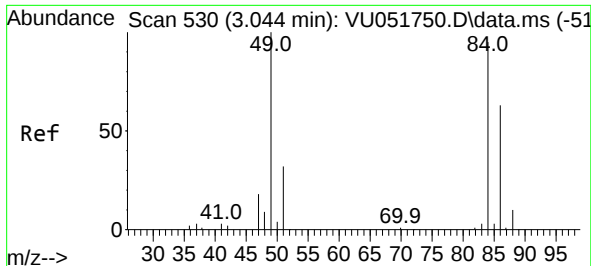


#15
Methyl Acetate
Concen: 0.252 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



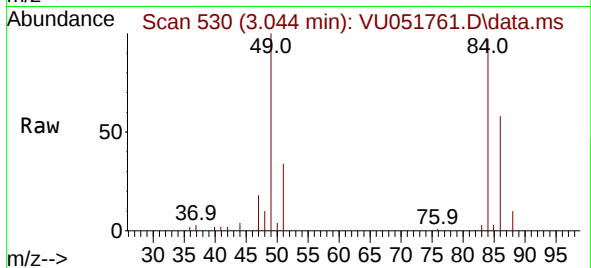
Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
74 11.9 20.2 30.4#





#16
Methylene chloride
Concen: 1.040 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

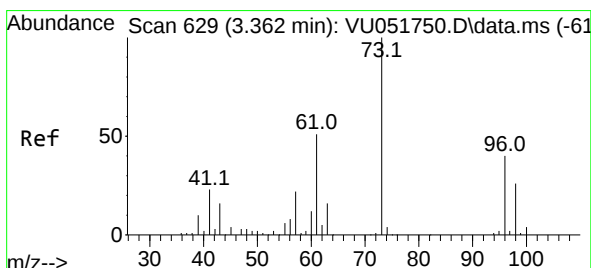
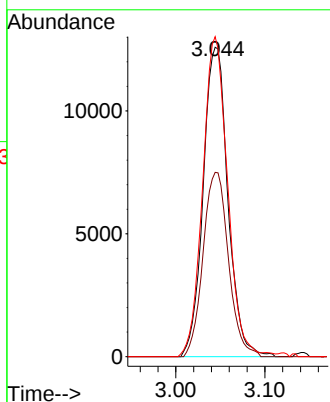
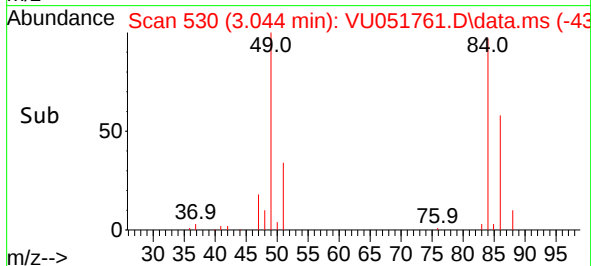
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion: 84 Resp: 2431
Ion Ratio Lower Upper
84 100
86 59.6 46.3 85.9
49 103.4 76.0 141.2

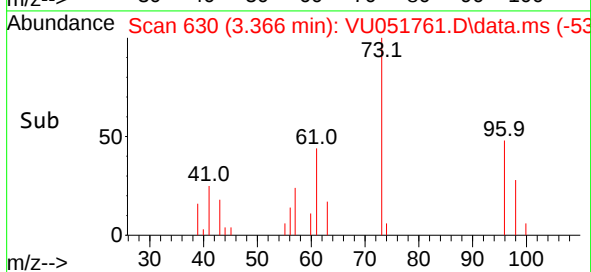
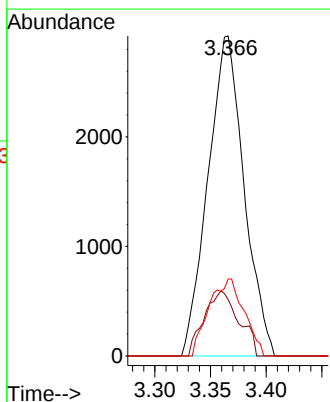
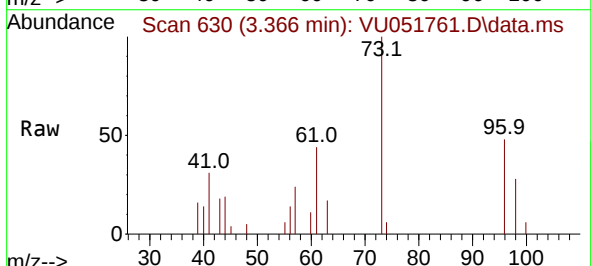
Manual Integrations
APPROVED

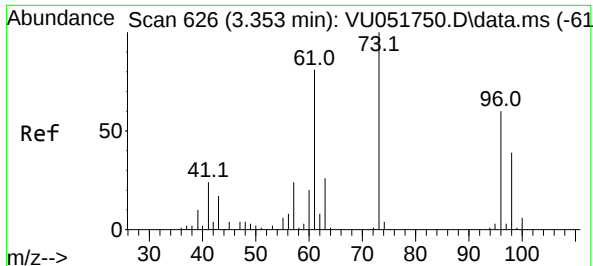
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#17
Methyl tert-butyl Ether
Concen: 0.201 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

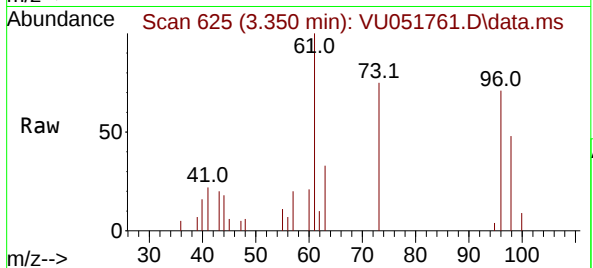
Tgt Ion: 73 Resp: 6580
Ion Ratio Lower Upper
73 100
43 19.5 13.6 20.4
57 23.5 17.5 26.3





#18
trans-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

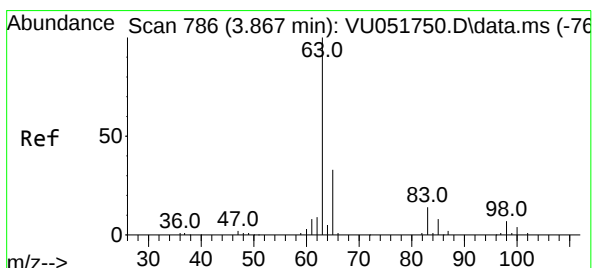
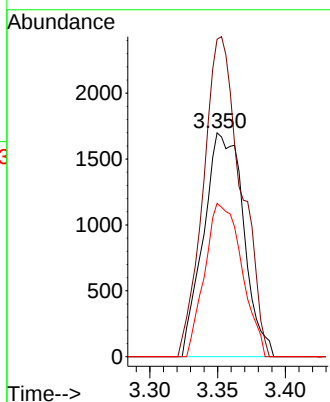
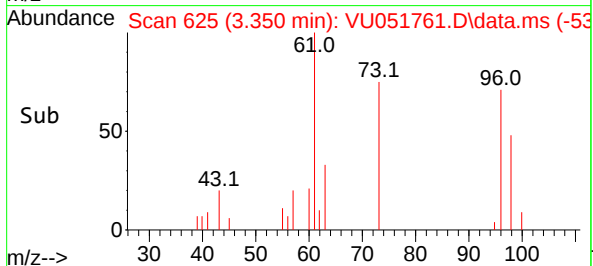
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



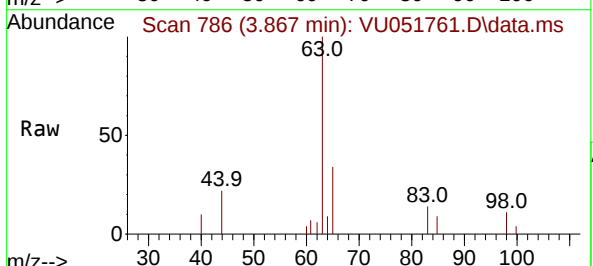
Tgt Ion: 96 Resp: 3479
Ion Ratio Lower Upper
96 100
61 141.8 94.7 175.9
98 68.5 44.2 82.0

Manual Integrations
APPROVED

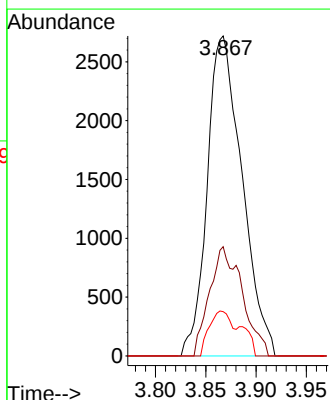
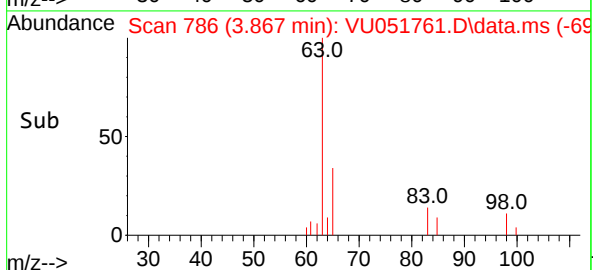
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022

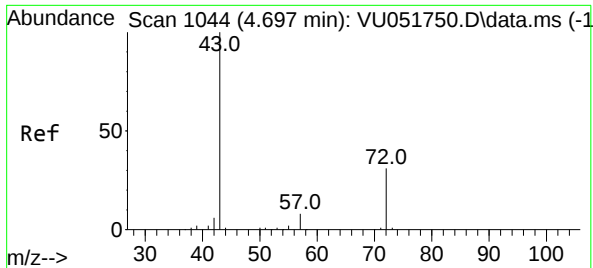


#19
1,1-Dichloroethane
Concen: 0.232 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



Tgt Ion: 63 Resp: 6548
Ion Ratio Lower Upper
63 100
65 34.2 22.7 42.1
83 13.8 9.2 17.0





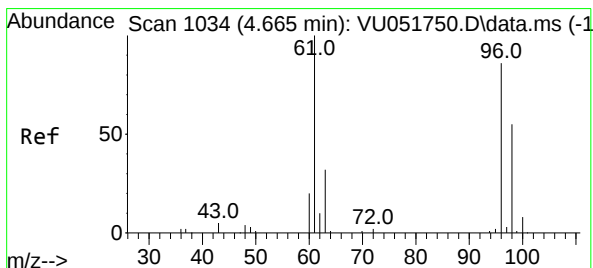
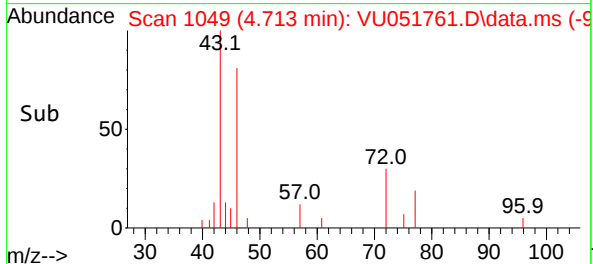
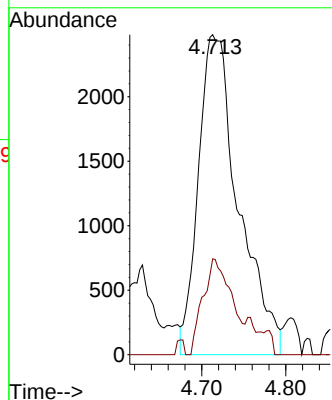
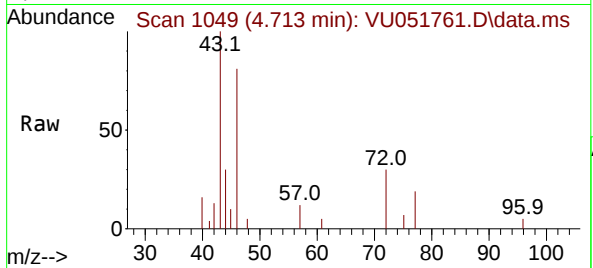
#21
2-Butanone
Concen: 2.319 ug/L m
RT: 4.713 min Scan# 1049
Delta R.T. 0.016 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion: 43 Resp: 8250
Ion Ratio Lower Upper
43 100
72 21.5 16.2 48.5

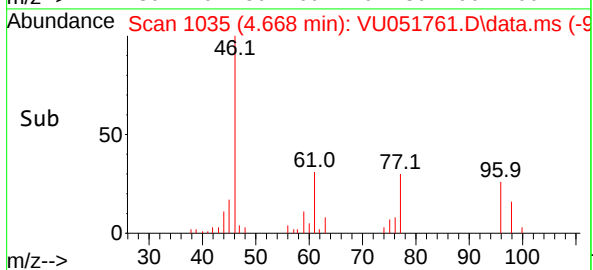
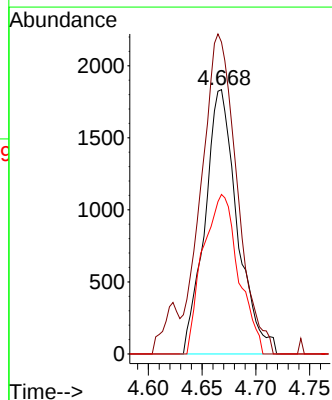
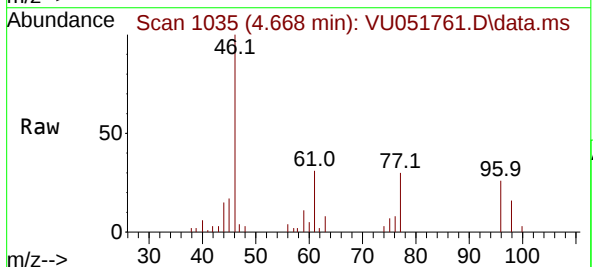
Manual Integrations
APPROVED

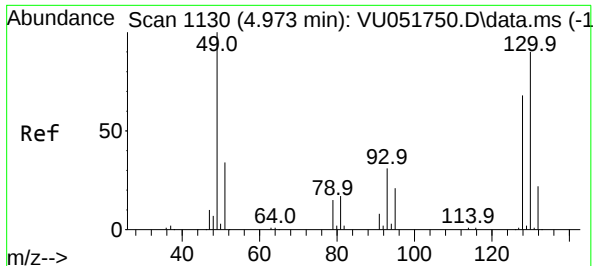
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#22
cis-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

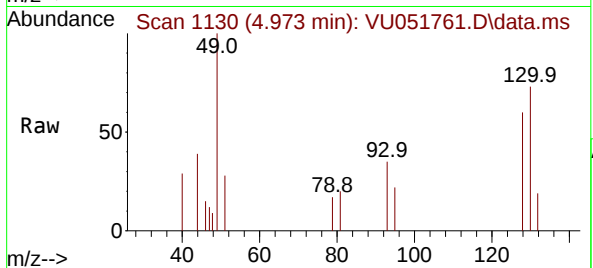
Tgt Ion: 96 Resp: 3841
Ion Ratio Lower Upper
96 100
61 118.0 86.4 160.4
98 60.4 44.2 82.2





#23
Bromochloromethane
Concen: 0.216 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

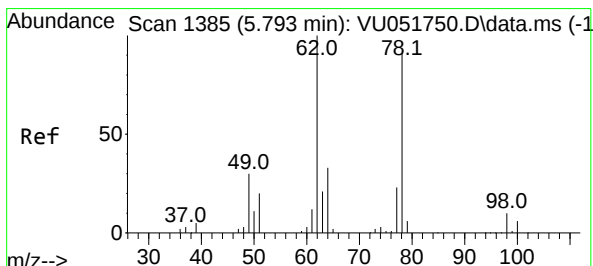
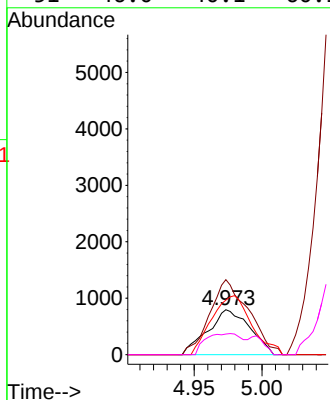
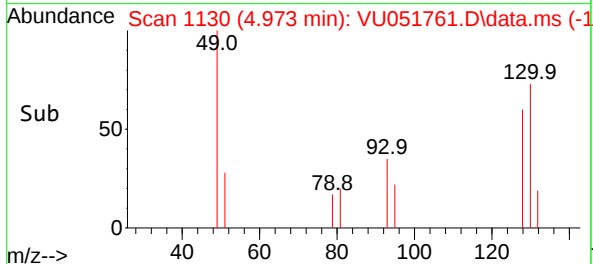
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:128 Resp: 171
Ion Ratio Lower Upper
128 100
49 167.0 105.5 195.9
130 121.5 93.5 173.7
51 46.0 40.1 60.1

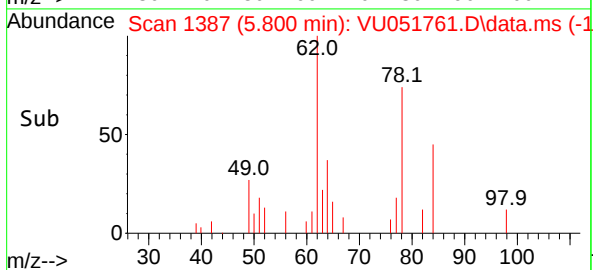
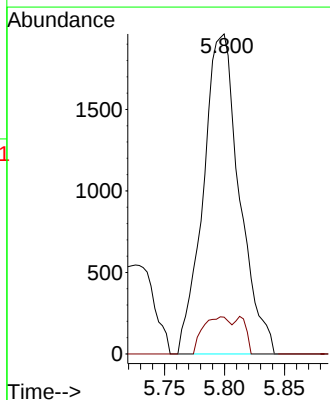
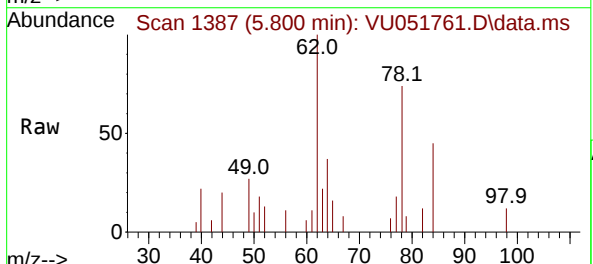
Manual Integrations
APPROVED

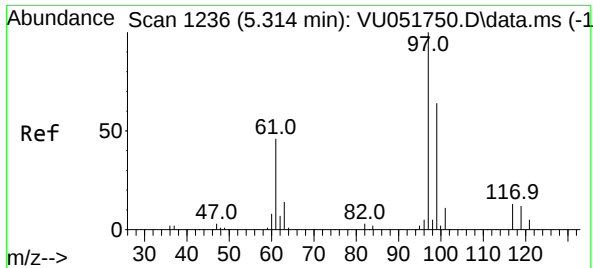
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#27
1,2-Dichloroethane
Concen: 0.228 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion: 62 Resp: 4116
Ion Ratio Lower Upper
62 100
98 11.5 7.4 11.0#





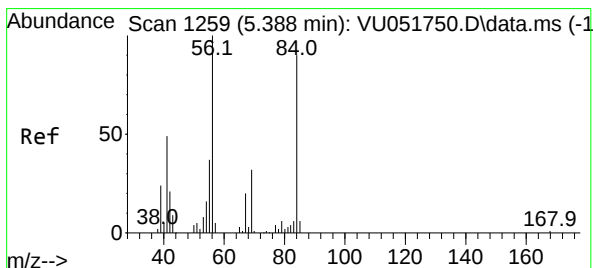
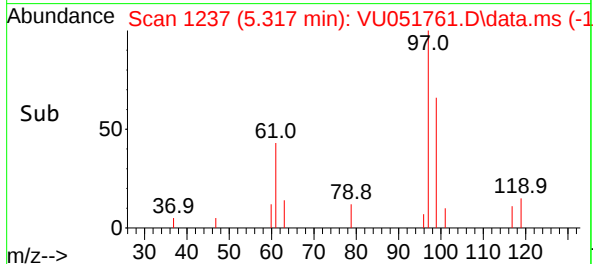
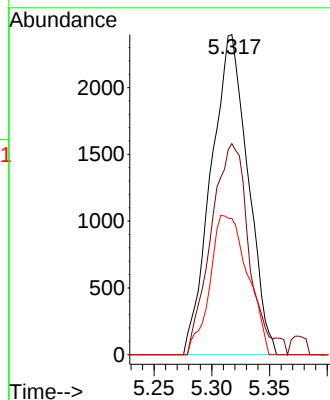
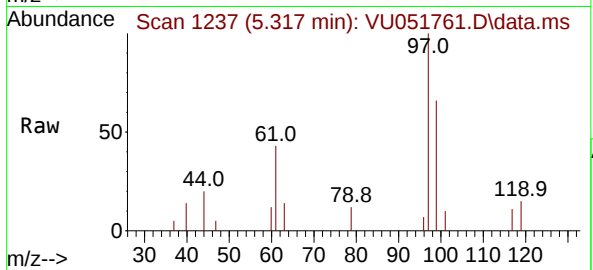
#29
1,1,1-Trichloroethane
Concen: 0.213 ug/L
RT: 5.317 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.1	76.7
61	44.4	37.4	56.0

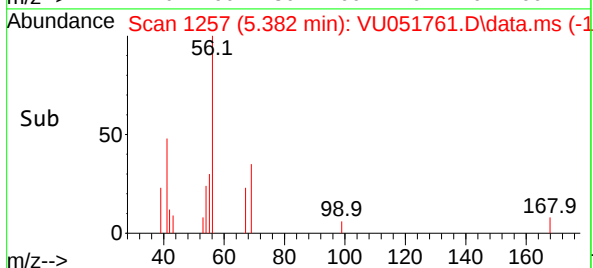
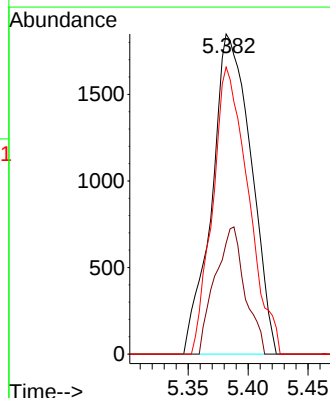
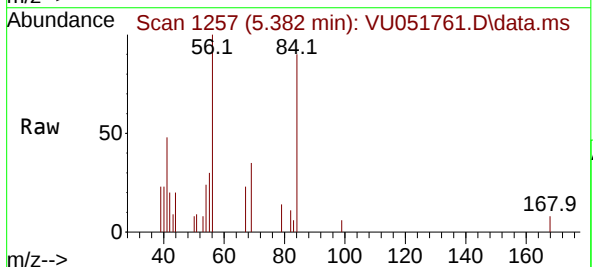
Manual Integrations
APPROVED

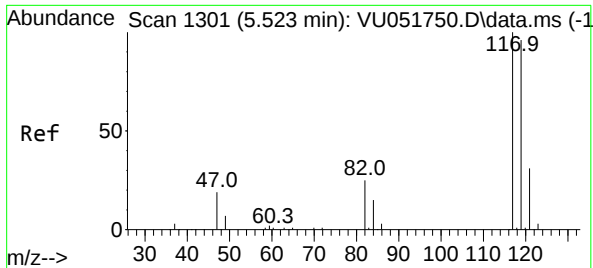
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#30
Cyclohexane
Concen: 0.182 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.4	38.0
84	81.3	71.4	107.0





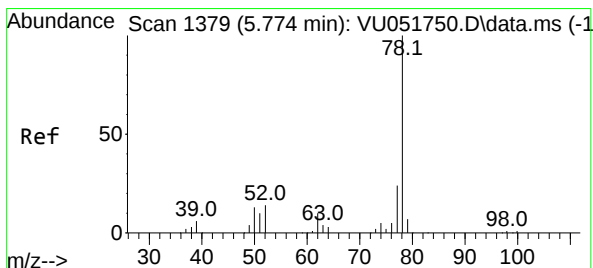
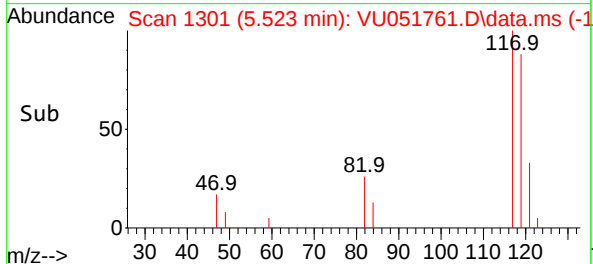
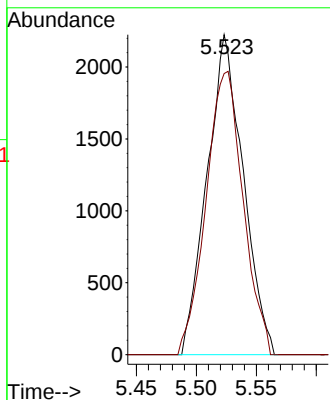
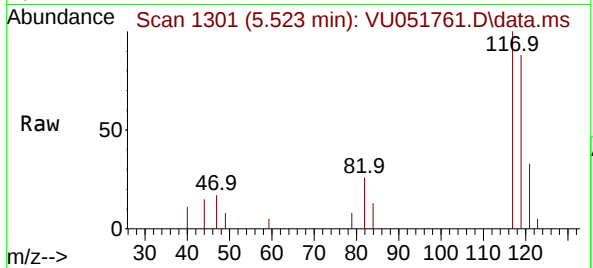
#31
Carbon tetrachloride
Concen: 0.218 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2022-05

Tgt Ion:117 Resp: 466
Ion Ratio Lower Upper
117 100
119 90.7 77.5 116.3

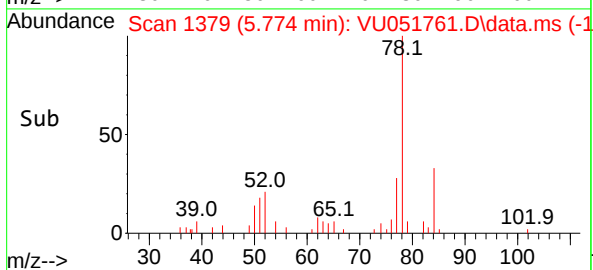
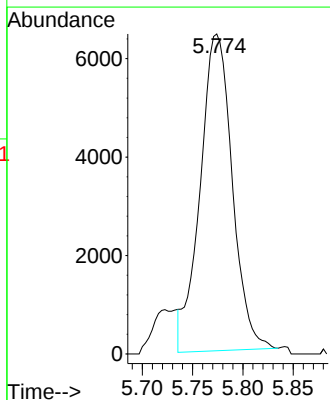
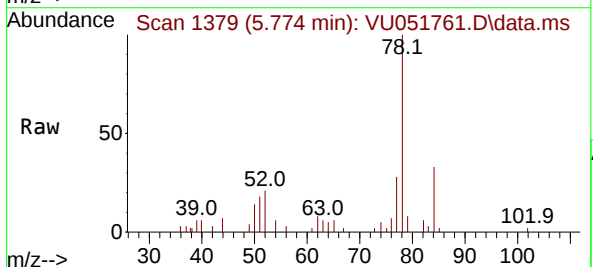
Manual Integrations
APPROVED

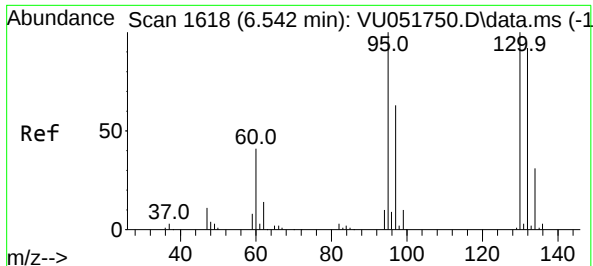
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#33
Benzene
Concen: 0.197 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion: 78 Resp: 14306





#34

Trichloroethene

Concen: 0.224 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051761.D

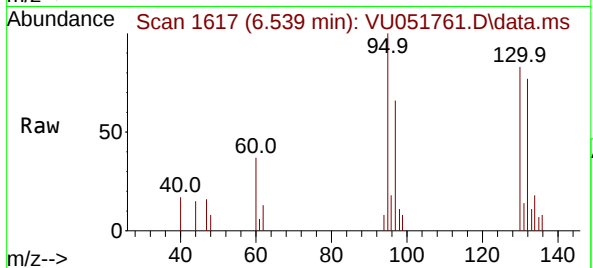
Acq: 04 Nov 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05



Tgt Ion: 95 Resp: 3919

Ion Ratio Lower Upper

95 100

97 66.0 45.2 84.0

132 77.2 66.5 123.5

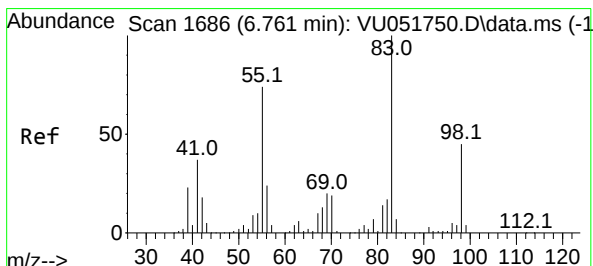
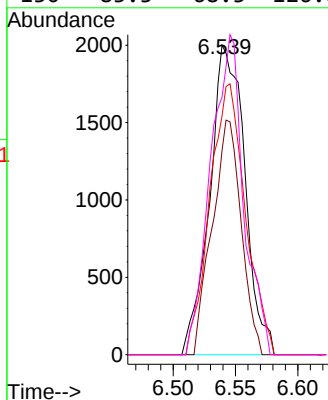
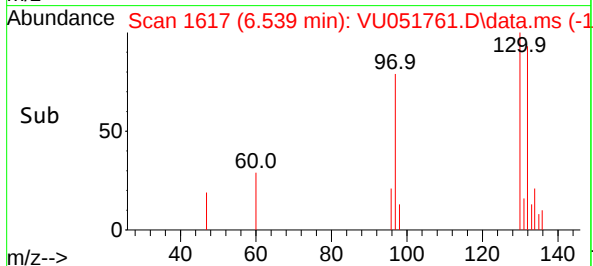
130 83.3 68.3 126.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/07/2022

Supervised By :Mahesh Dadoda 11/08/2022



#35

Methylcyclohexane

Concen: 0.191 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU051761.D

Acq: 04 Nov 2022 15:35

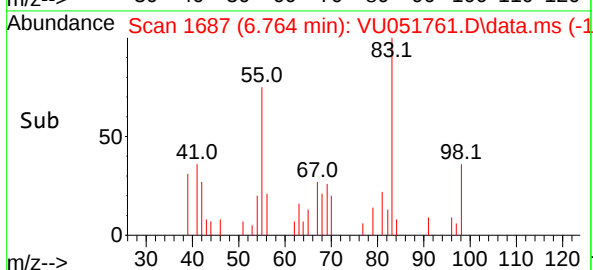
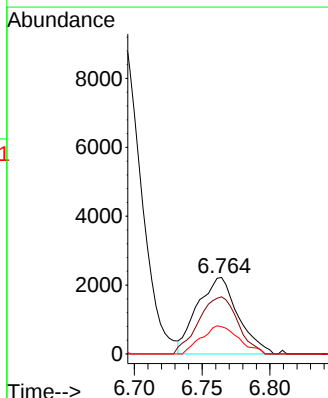
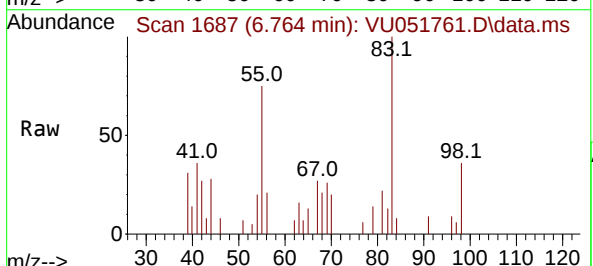
Tgt Ion: 83 Resp: 4634

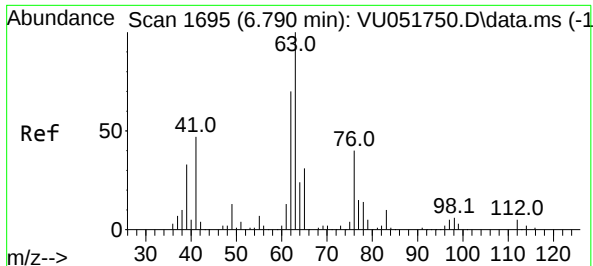
Ion Ratio Lower Upper

83 100

55 71.8 60.6 90.8

98 33.6 35.8 53.6#





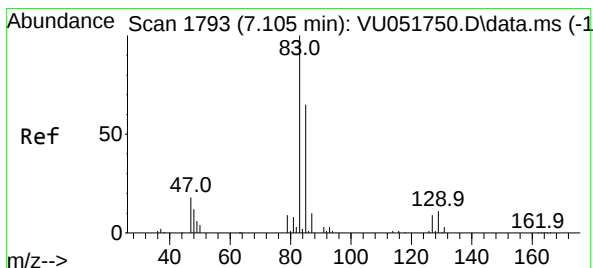
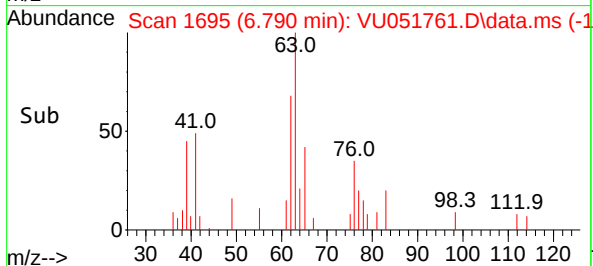
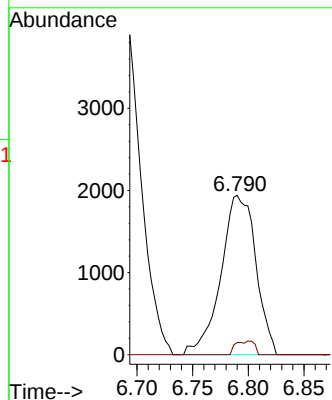
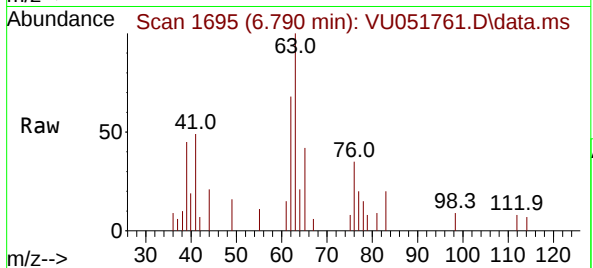
#37
1,2-Dichloropropane
Concen: 0.227 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion: 63 Resp: 424
Ion Ratio Lower Upper
63 100
112 4.6 3.3 4.9

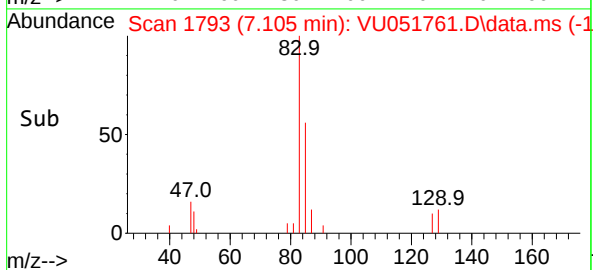
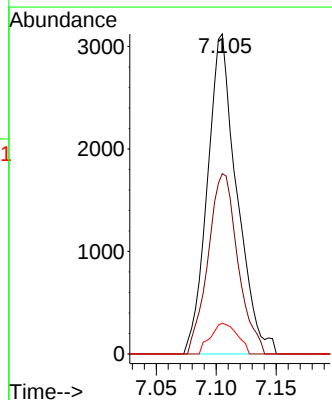
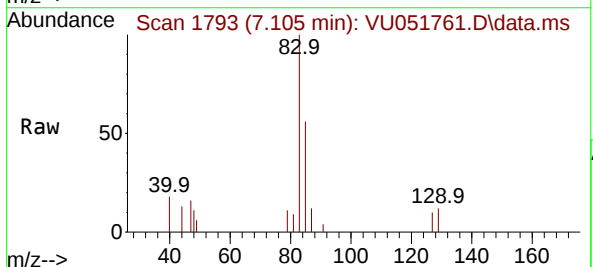
Manual Integrations
APPROVED

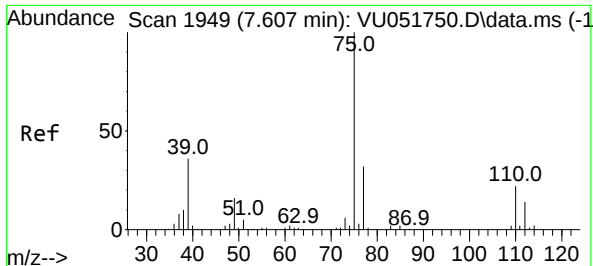
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#38
Bromodichloromethane
Concen: 0.233 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion: 83 Resp: 5323
Ion Ratio Lower Upper
83 100
85 56.3 45.1 83.7
127 9.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.191 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051761.D

Acq: 04 Nov 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05

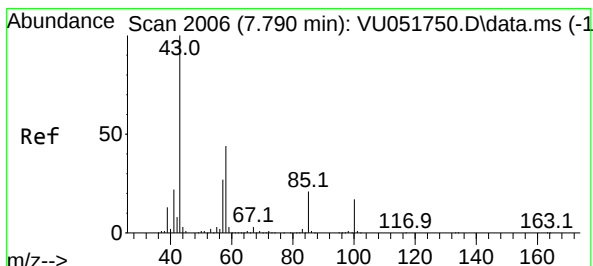
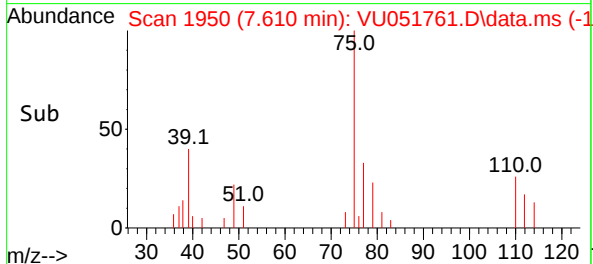
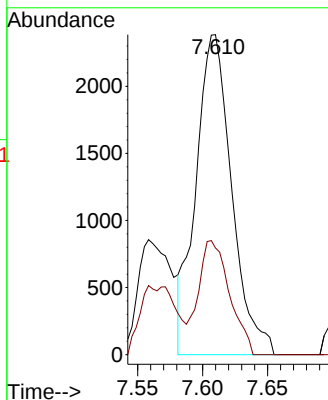
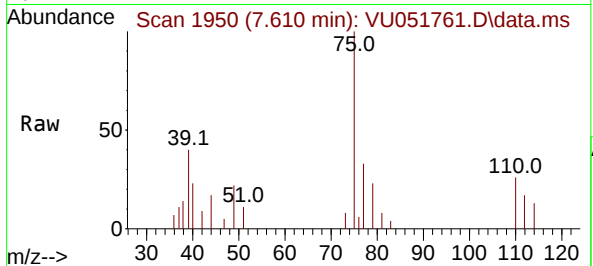
Tgt Ion: 75 Resp: 4585
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/07/2022

Supervised By :Mahesh Dadoda 11/08/2022



#40

4-Methyl-2-pentanone

Concen: 1.714 ug/L

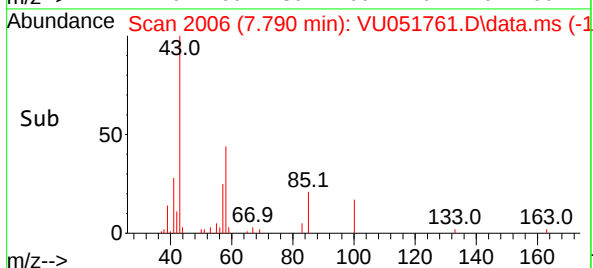
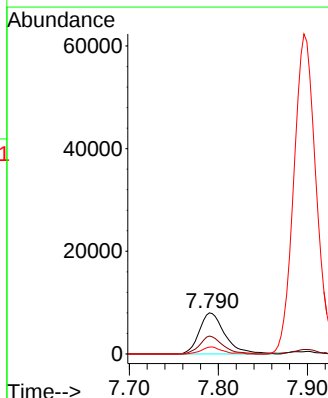
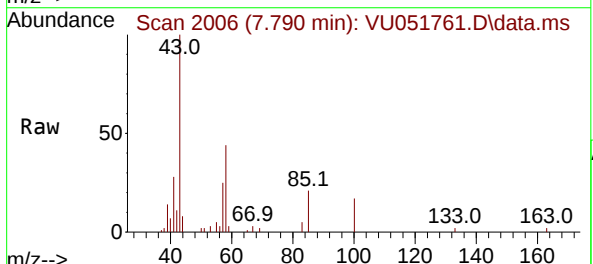
RT: 7.790 min Scan# 2006

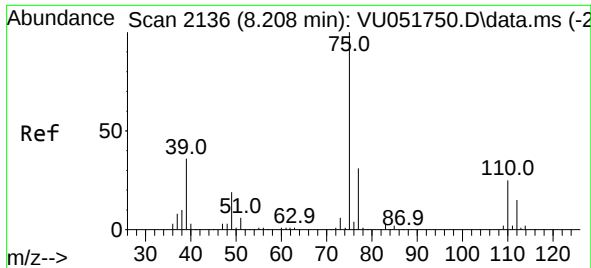
Delta R.T. 0.000 min

Lab File: VU051761.D

Acq: 04 Nov 2022 15:35

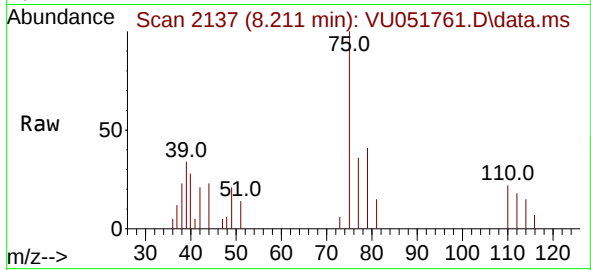
Tgt Ion: 43 Resp: 16051
 Ion Ratio Lower Upper
 43 100
 58 38.6 35.0 52.6
 100 0.0 13.4 20.0#





#44
trans-1,3-Dichloropropene
Concen: 0.218 ug/L
RT: 8.211 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

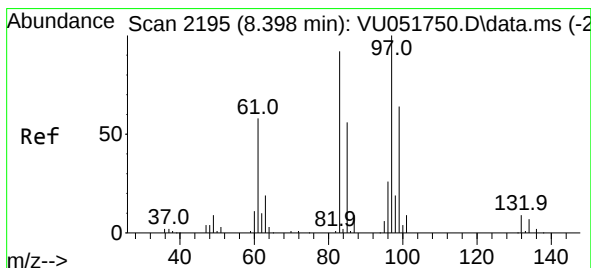
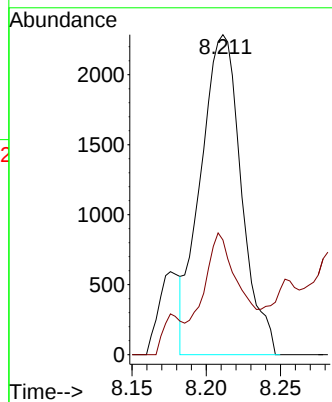
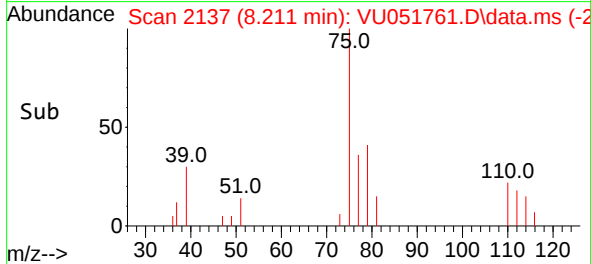
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion: 75 Resp: 436
Ion Ratio Lower Upper
75 100
77 35.8 21.8 40.6

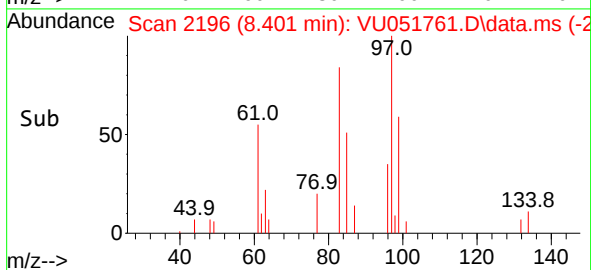
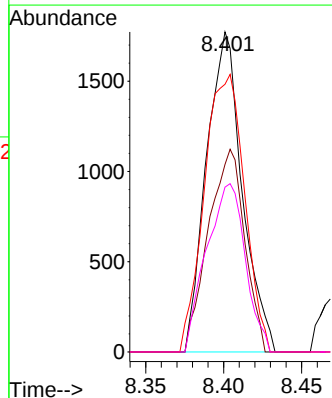
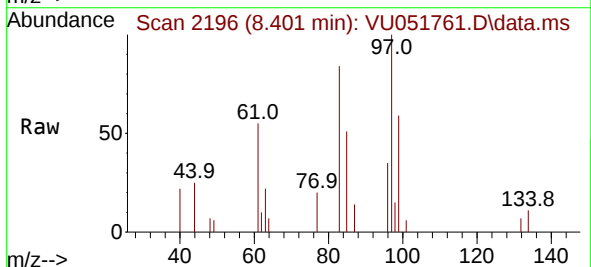
Manual Integrations
APPROVED

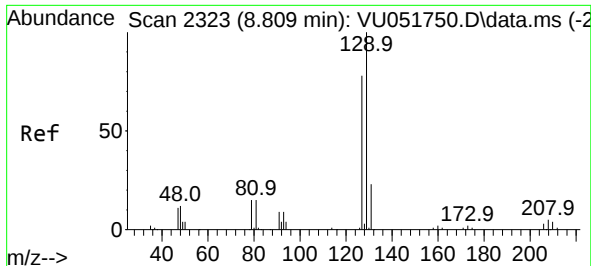
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#45
1,1,2-Trichloroethane
Concen: 0.207 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

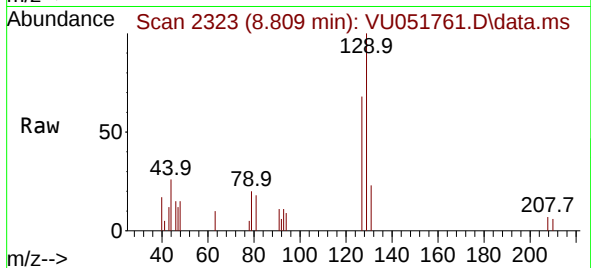
Tgt Ion: 97 Resp: 2828
Ion Ratio Lower Upper
97 100
99 58.6 43.4 80.6
83 83.6 61.3 113.9
85 51.5 39.8 73.8





#49
Dibromochloromethane
Concen: 0.218 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

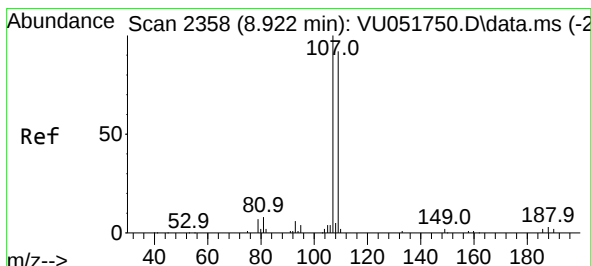
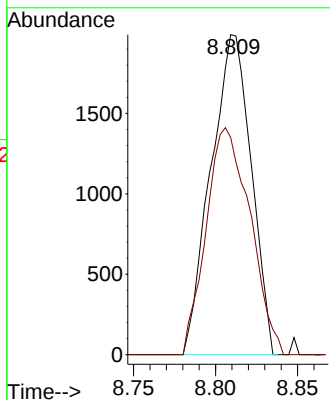
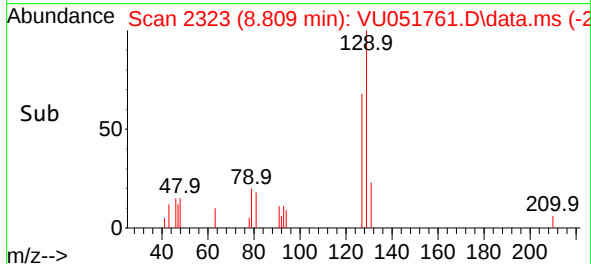
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



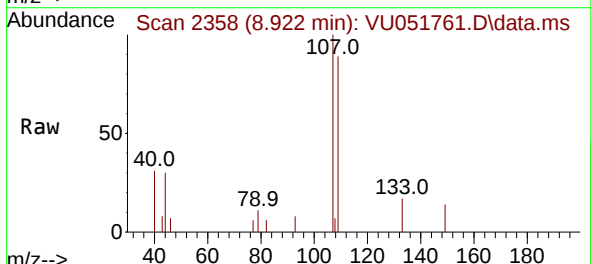
Tgt Ion:129 Resp: 3400
Ion Ratio Lower Upper
129 100
127 67.8 54.8 101.8

Manual Integrations
APPROVED

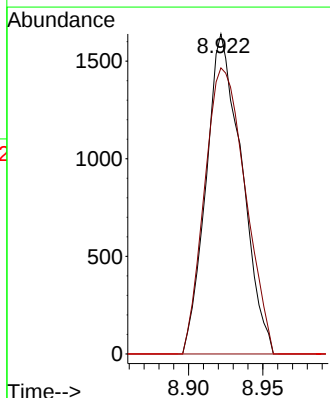
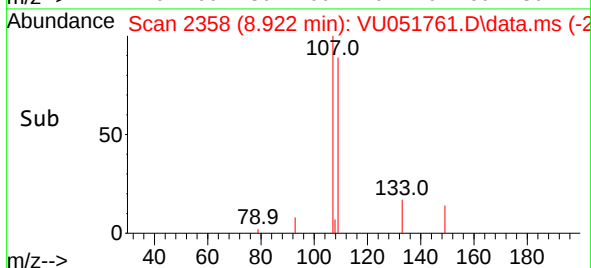
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022

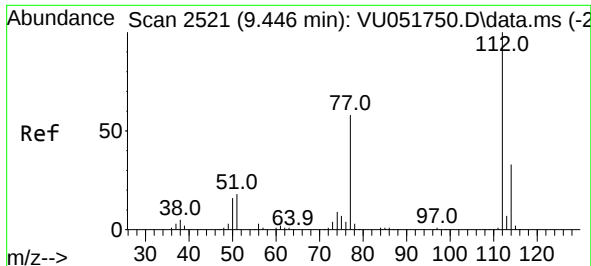


#50
1,2-Dibromoethane
Concen: 0.222 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



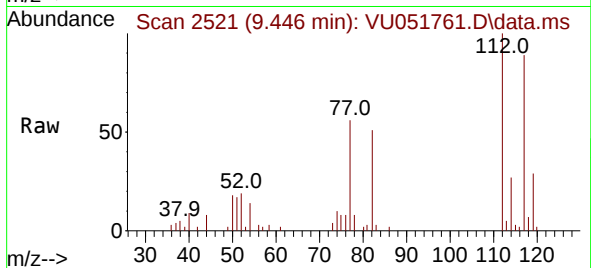
Tgt Ion:107 Resp: 2736
Ion Ratio Lower Upper
107 100
109 89.4 63.0 117.0
188 0.0 3.0 4.4#





#51
Chlorobenzene
Concen: 0.226 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

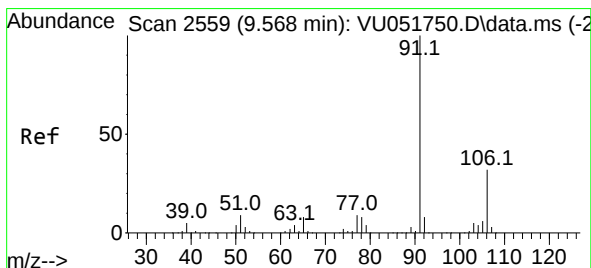
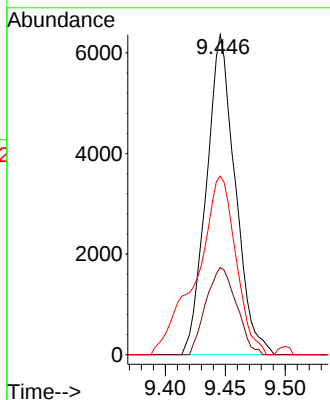
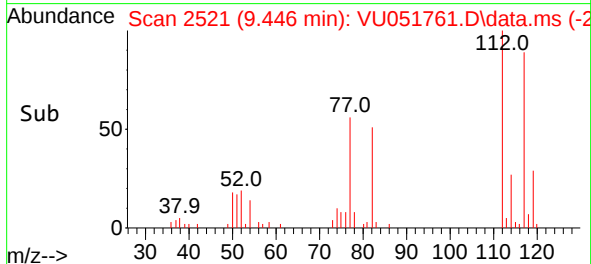
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:112 Resp: 10624
Ion Ratio Lower Upper
112 100
114 27.2 22.0 40.8
77 55.8 46.7 70.1

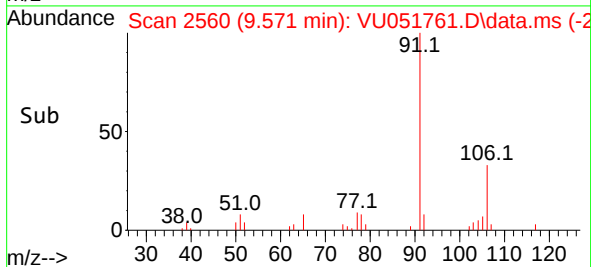
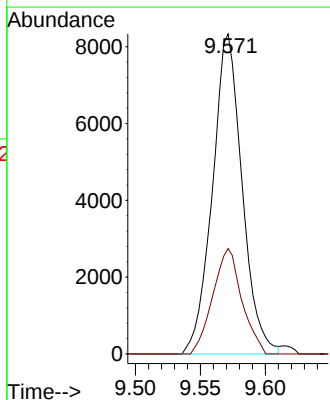
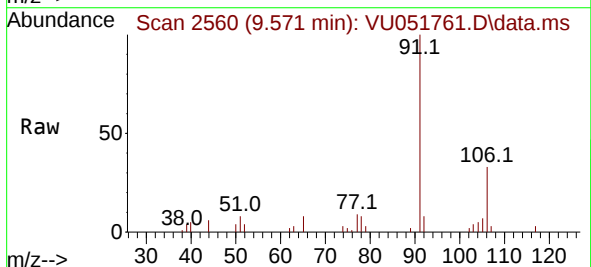
Manual Integrations
APPROVED

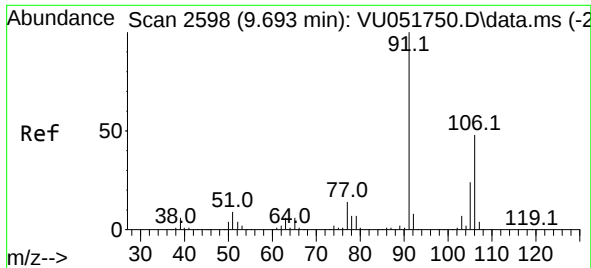
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#52
Ethylbenzene
Concen: 0.184 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion: 91 Resp: 13237
Ion Ratio Lower Upper
91 100
106 33.0 21.8 40.6





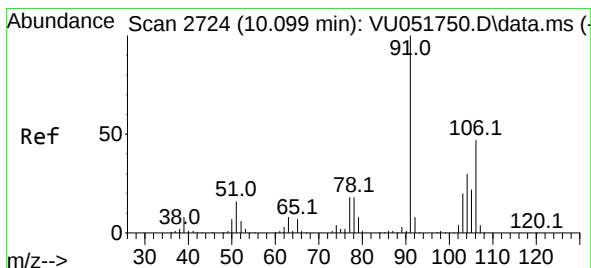
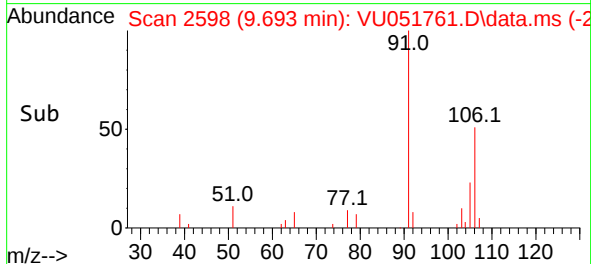
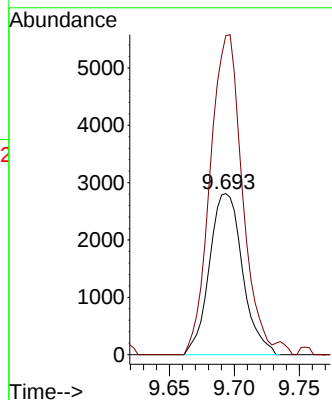
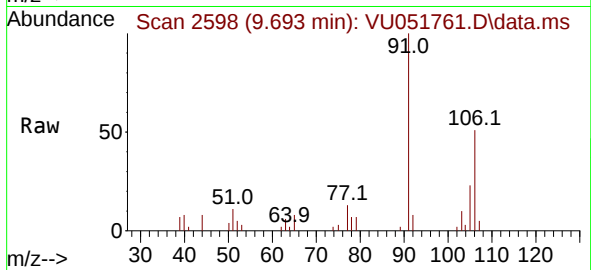
#53
m,p-Xylene
Concen: 0.178 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion:106 Resp: 498
Ion Ratio Lower Upper
106 100
91 197.9 139.4 259.0

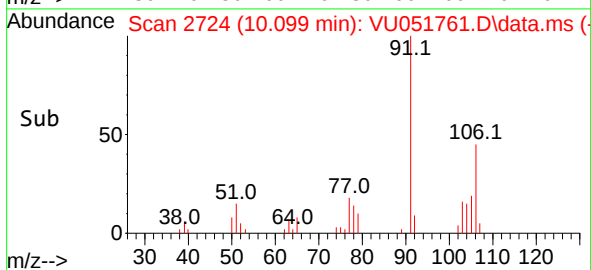
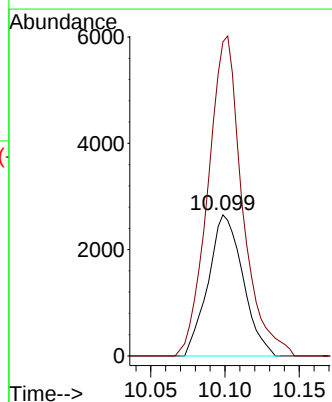
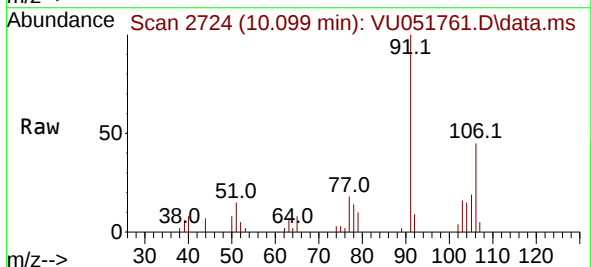
Manual Integrations
APPROVED

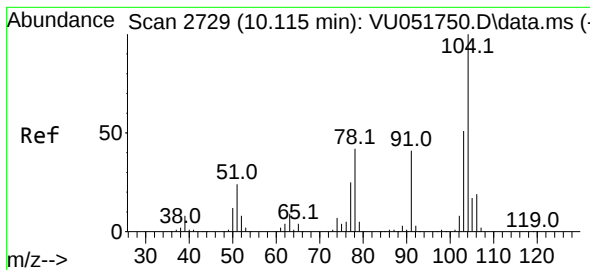
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#54
o-Xylene
Concen: 0.158 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Tgt Ion:106 Resp: 4313
Ion Ratio Lower Upper
106 100
91 222.6 149.2 277.2





#55

Styrene

Concen: 0.135 ug/L

RT: 10.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051761.D

Acq: 04 Nov 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion:104 Resp: 618

Ion Ratio Lower Upper

104 100

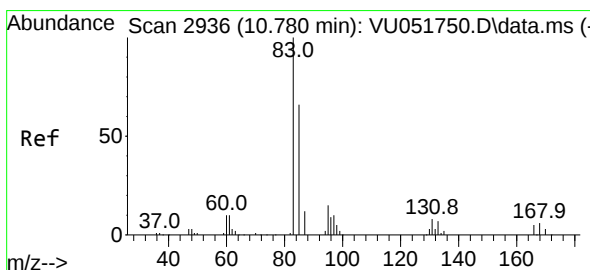
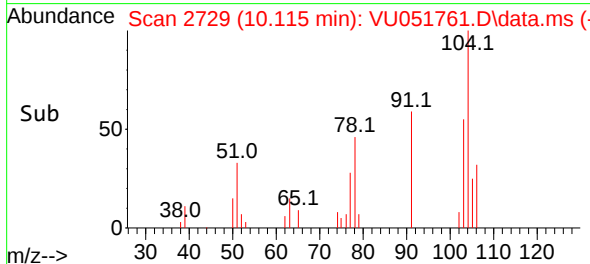
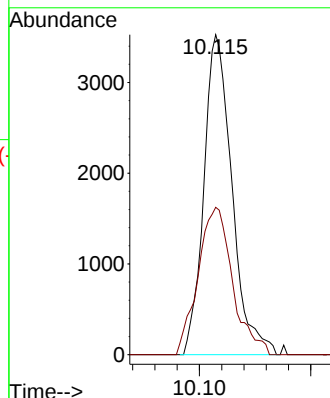
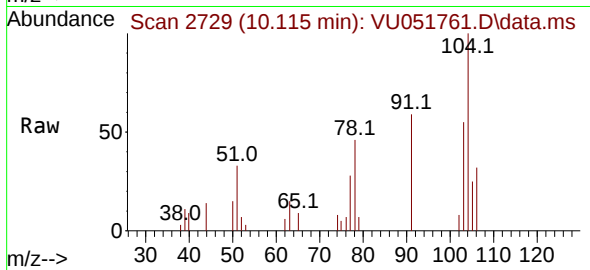
78 46.1 31.8 59.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/07/2022

Supervised By :Mahesh Dadoda 11/08/2022



#57

1,1,2,2-Tetrachloroethane

Concen: 0.228 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051761.D

Acq: 04 Nov 2022 15:35

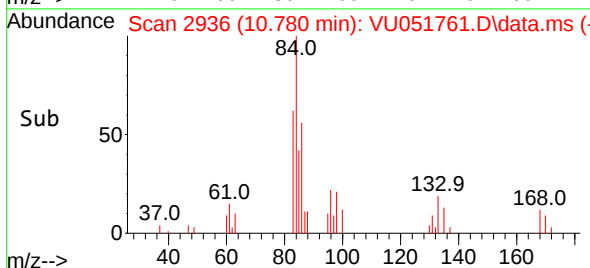
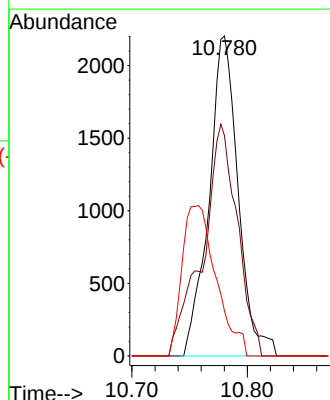
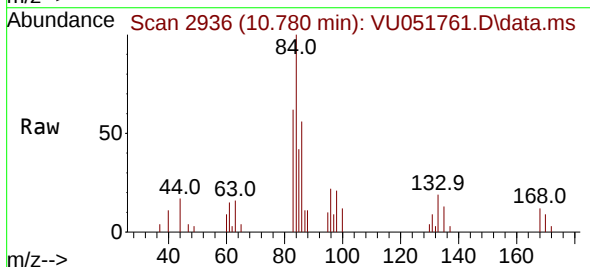
Tgt Ion: 83 Resp: 3870

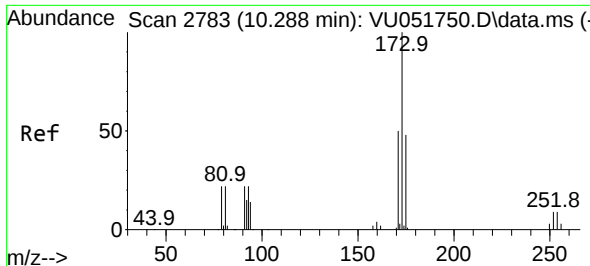
Ion Ratio Lower Upper

83 100

85 68.7 44.9 83.5

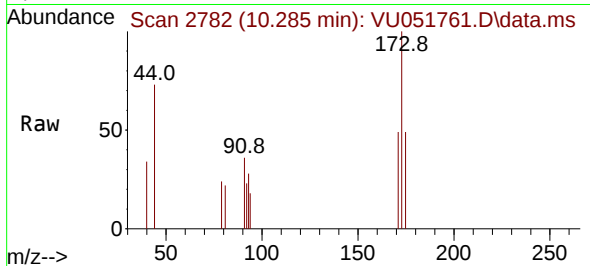
131 14.1 7.8 11.8#





#59
Bromoform
Concen: 0.218 ug/L
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

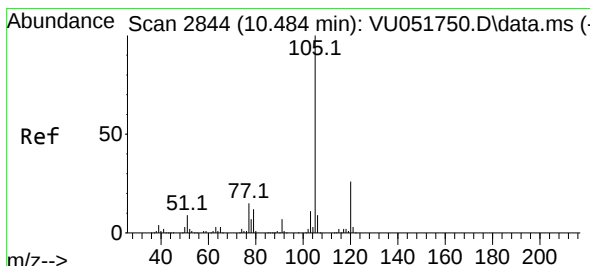
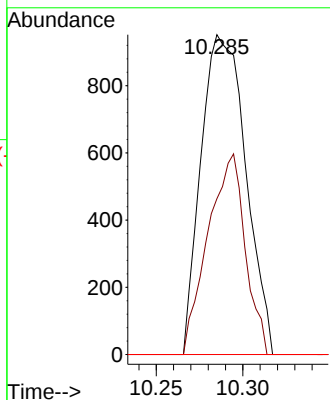
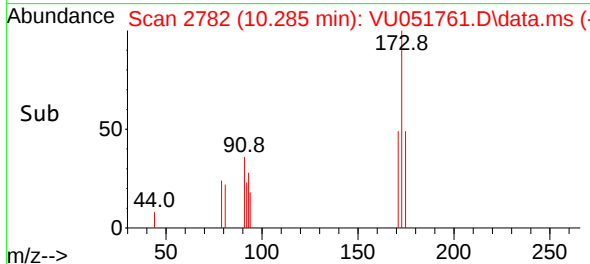
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



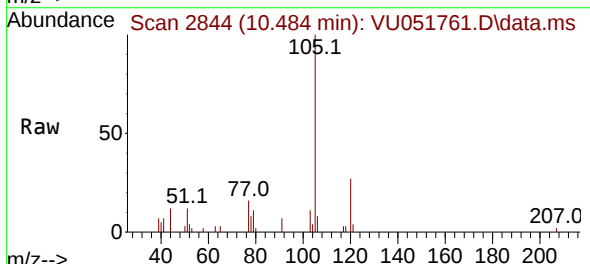
Tgt Ion:173 Resp: 1710
Ion Ratio Lower Upper
173 100
175 52.2 38.7 58.1
254 0.0 7.3 10.9

Manual Integrations
APPROVED

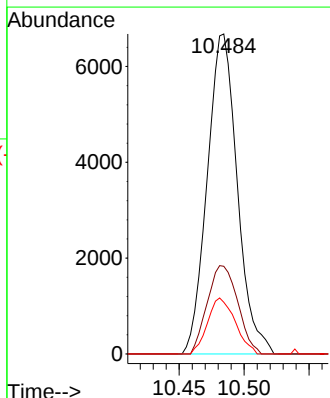
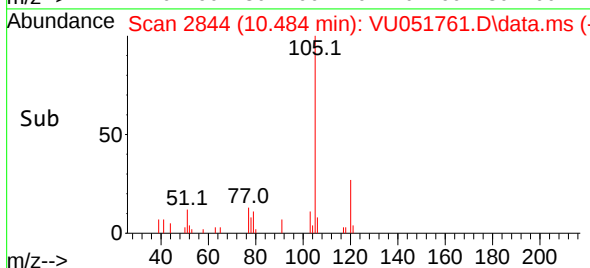
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022

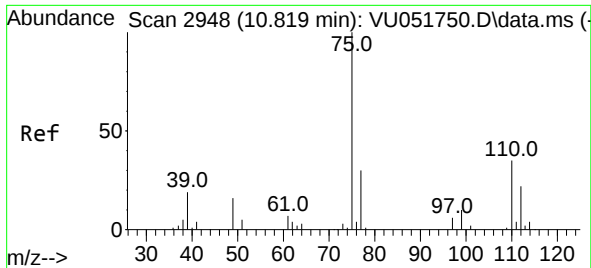


#60
Isopropylbenzene
Concen: 0.173 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



Tgt Ion:105 Resp: 10742
Ion Ratio Lower Upper
105 100
120 27.9 20.9 31.3
77 16.1 12.3 18.5





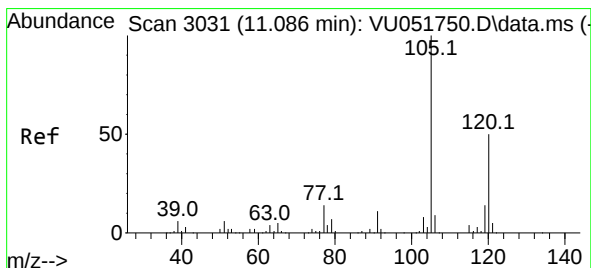
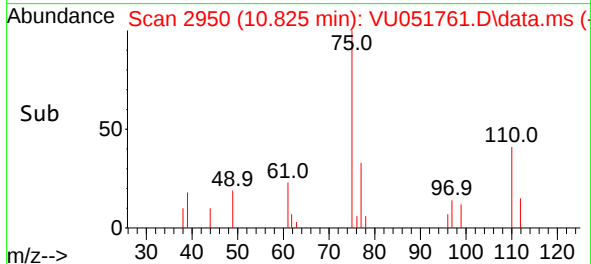
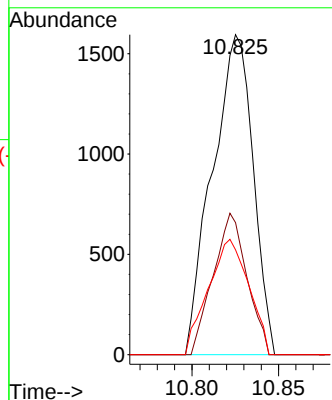
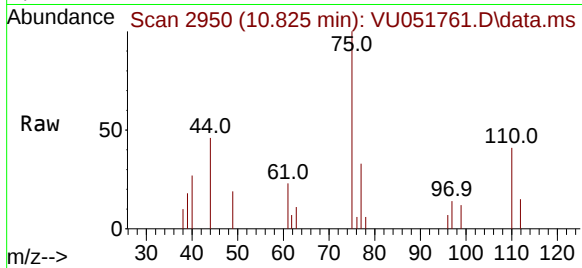
#61
1,2,3-Trichloropropane
Concen: 0.238 ug/L
RT: 10.825 min Scan# 2948
Delta R.T. 0.006 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion: 75 Resp: 2609
Ion Ratio Lower Upper
75 100
110 36.8 28.7 43.1
77 35.8 26.1 39.1

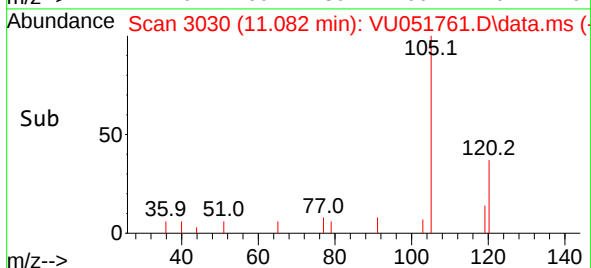
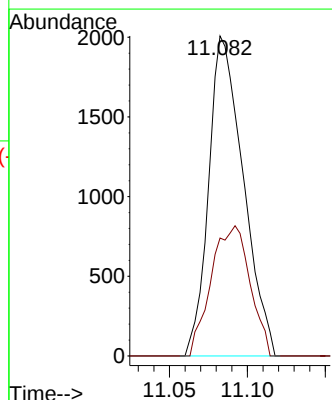
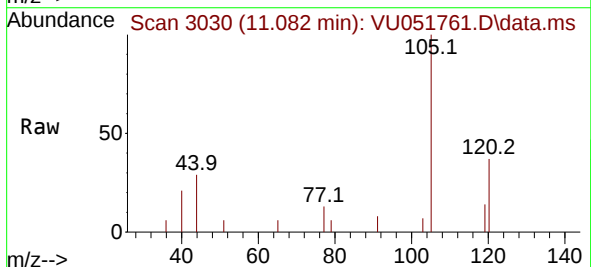
Manual Integrations
APPROVED

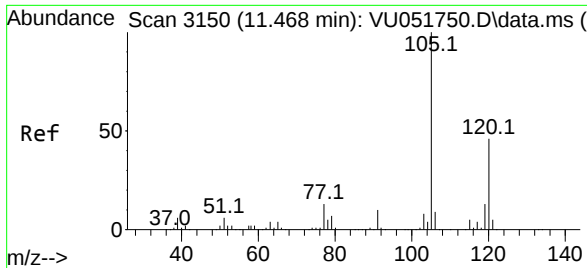
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.186 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

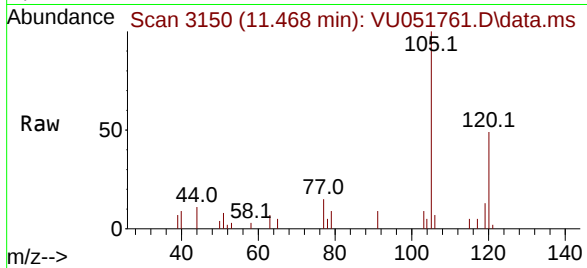
Tgt Ion:105 Resp: 3098
Ion Ratio Lower Upper
105 100
120 45.7 38.6 57.8





#63
1,2,4-Trimethylbenzene
Concen: 0.153 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

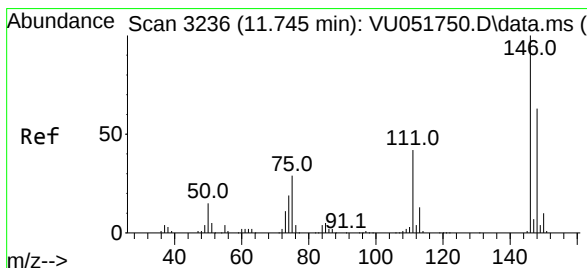
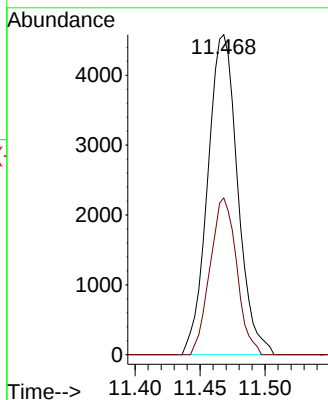
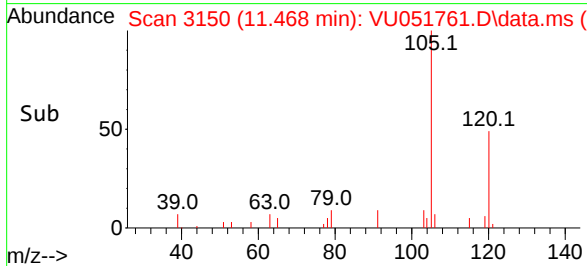
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



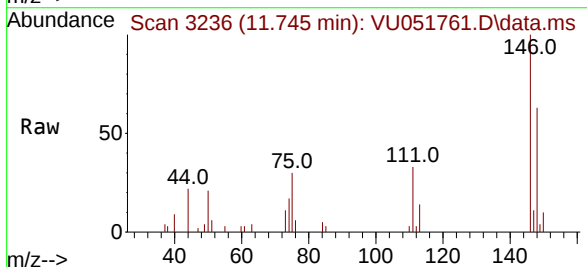
Tgt Ion:105 Resp: 7362
Ion Ratio Lower Upper
105 100
120 43.4 35.8 53.6

Manual Integrations
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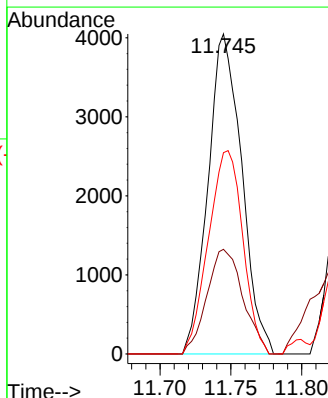
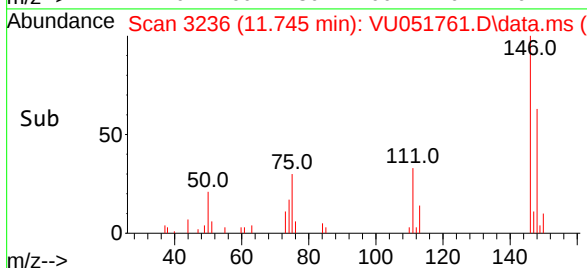
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022

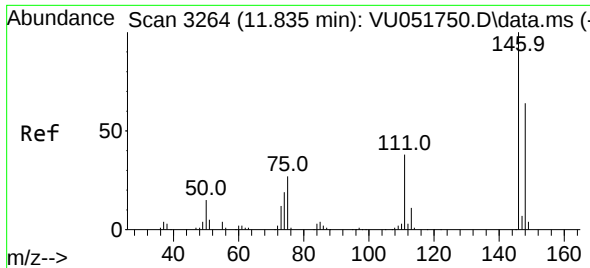


#64
1,3-Dichlorobenzene
Concen: 0.217 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



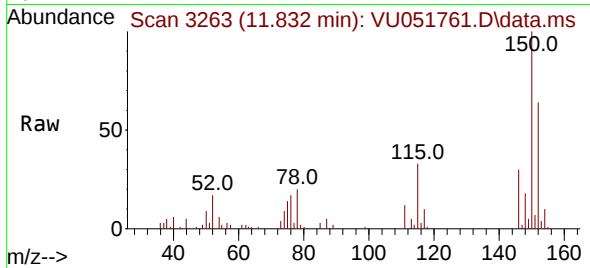
Tgt Ion:146 Resp: 6689
Ion Ratio Lower Upper
146 100
111 32.7 28.6 53.2
148 62.9 44.7 82.9





#65
1,4-Dichlorobenzene
Concen: 0.218 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

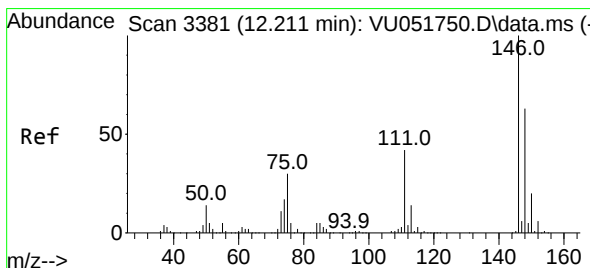
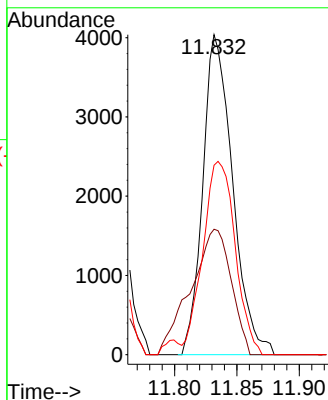
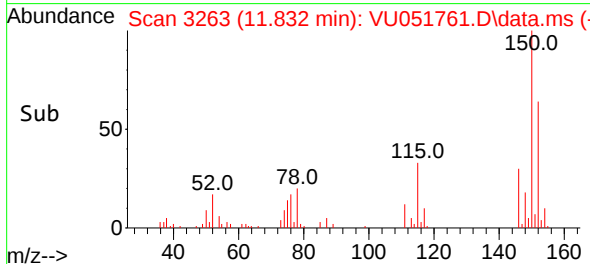
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2022-05



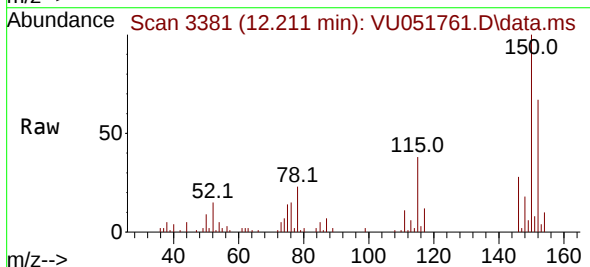
Tgt Ion:146 Resp: 6729
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.5
148 59.2 43.5 80.9

Manual Integrations
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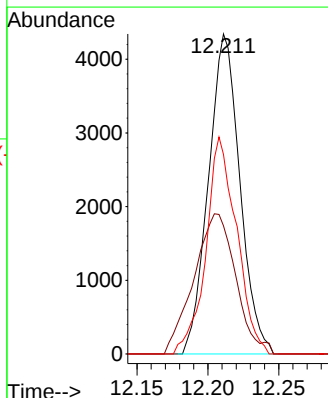
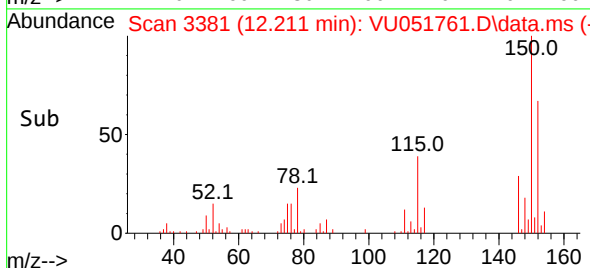
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022

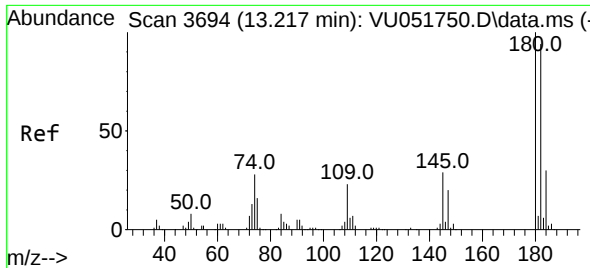


#67
1,2-Dichlorobenzene
Concen: 0.223 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



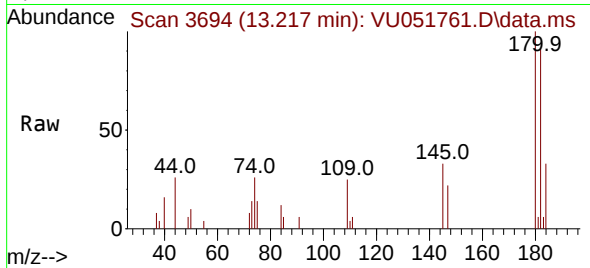
Tgt Ion:146 Resp: 6696
Ion Ratio Lower Upper
146 100
111 40.0 34.2 51.2
148 62.4 50.1 75.1





#69
1,3,5-Trichlorobenzene
Concen: 0.228 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

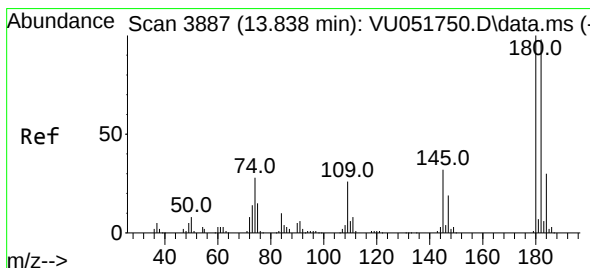
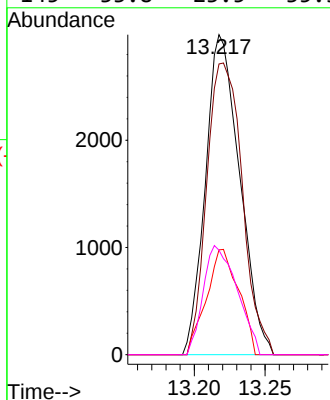
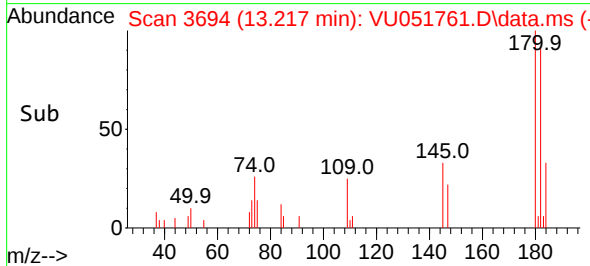
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



Tgt Ion:	180	Resp:	502
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.0	115.6
184	31.0	23.7	35.5
145	33.8	23.5	35.3

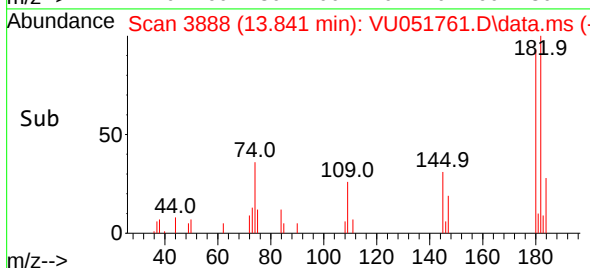
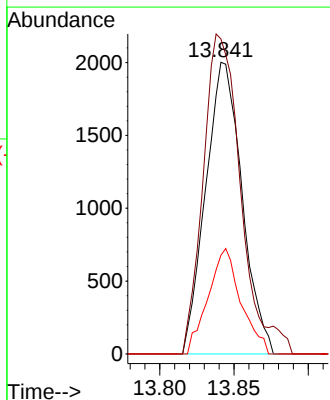
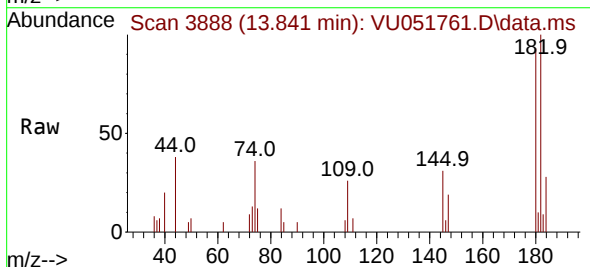
Manual Integrations
APPROVED

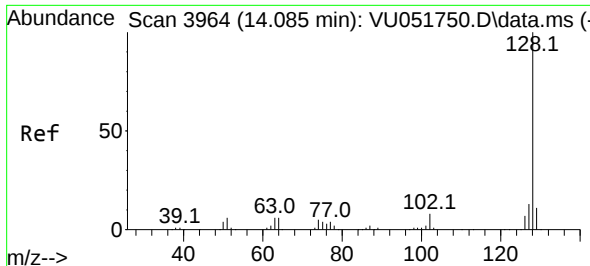
Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#70
1,2,4-trichlorobenzene
Concen: 0.202 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

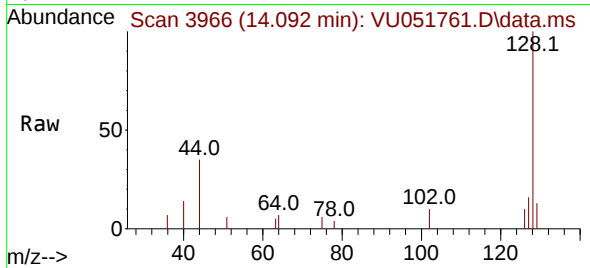
Tgt Ion:	180	Resp:	3409
Ion Ratio	Lower	Upper	
180	100		
182	112.9	77.8	116.6
145	32.6	25.0	37.6





#71
Naphthalene
Concen: 0.151 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35

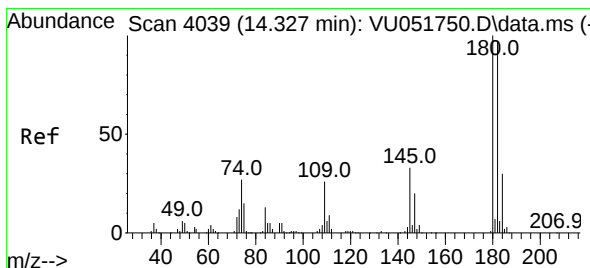
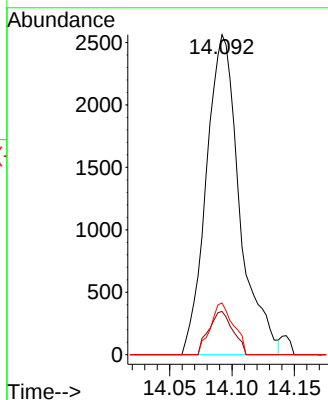
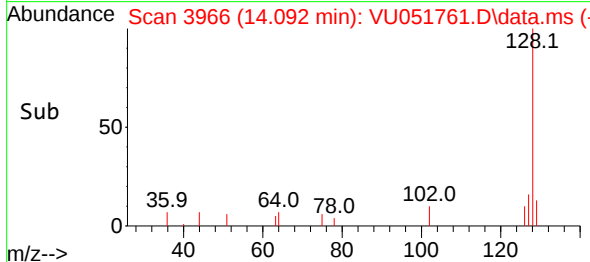
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05



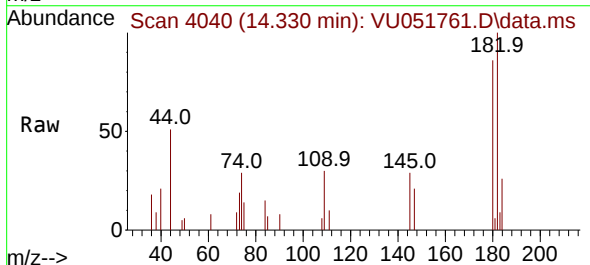
Tgt Ion:128 Resp: 4758
Ion Ratio Lower Upper
128 100
129 9.8 8.4 12.6
127 11.3 10.3 15.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/07/2022
Supervised By :Mahesh Dadoda 11/08/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.171 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051761.D
Acq: 04 Nov 2022 15:35



Tgt Ion:180 Resp: 2921
Ion Ratio Lower Upper
180 100
182 112.9 76.1 114.1
145 33.6 25.6 38.4

