

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051317.D
 Acq On : 10 Oct 2022 11:08
 Operator : JC/MD
 Sample : N4519-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Oct 11 01:11:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	209284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65504	4.378	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.912	69	62258	4.842	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.565	65	26454	4.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.642	46	179950	54.621	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.240%	
24) Chloroform-d	5.063	84	142354	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.703	65	73512	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.726	84	256170	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.690	67	91015	4.655	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.899	98	198165	3.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.179	79	27787	4.326	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.636	63	96320	44.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.980%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74598	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	70464	4.989	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3152	0.208	ug/L	98
3) Chloromethane	1.520	50	4770	0.224	ug/L	87
5) Vinyl chloride	1.601	62	4685	0.225	ug/L #	64
6) Bromomethane	1.855	94	2326	0.205	ug/L	96
8) Chloroethane	1.932	64	2912m	0.219	ug/L	
9) Trichlorofluoromethane	2.138	101	4946	0.206	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3747	0.260	ug/L	86
12) 1,1-Dichloroethene	2.575	96	3329	0.246	ug/L #	1
14) Carbon disulfide	2.790	76	8529	0.206	ug/L #	91
16) Methylene chloride	3.047	84	8779	0.439	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	5455	0.176	ug/L #	92
18) trans-1,2-Dichloroethene	3.359	96	2681	0.188	ug/L	95
19) 1,1-Dichloroethane	3.867	63	5882	0.200	ug/L	99
21) 2-Butanone	4.735	43	8702m	2.235	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	3166	0.201	ug/L	97
23) Bromochloromethane	4.977	128	1460m	0.194	ug/L	
27) 1,2-Dichloroethane	5.800	62	3776	0.205	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	5123	0.204	ug/L	90
30) Cyclohexane	5.388	56	3001	0.141	ug/L #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.520	117	3605	0.170	ug/L	98
33) Benzene	5.774	78	13024	0.186	ug/L	100
35) Methylcyclohexane	6.768	83	3432	0.156	ug/L	96
37) 1,2-Dichloropropane	6.790	63	3298	0.172	ug/L #	92
38) Bromodichloromethane	7.105	83	4164	0.182	ug/L	94
39) cis-1,3-Dichloropropene	7.610	75	3593	0.156	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	14584	1.452	ug/L #	82
44) trans-1,3-Dichloropropene	8.211	75	3438	0.173	ug/L	94
45) 1,1,2-Trichloroethane	8.401	97	2473	0.184	ug/L	91
49) Dibromochloromethane	8.813	129	2920	0.193	ug/L	91
50) 1,2-Dibromoethane	8.925	107	2316	0.194	ug/L #	64
51) Chlorobenzene	9.446	112	8544	0.193	ug/L	95
52) Ethylbenzene	9.571	91	10449	0.157	ug/L	99
53) m,p-Xylene	9.693	106	4187	0.162	ug/L	87
54) o-Xylene	10.102	106	3623	0.148	ug/L	71
55) Styrene	10.118	104	5208	0.124	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	3588	0.216	ug/L #	90
59) Bromoform	10.292	173	1400	0.207	ug/L #	94
60) Isopropylbenzene	10.484	105	8129	0.158	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	1995	0.194	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	1951	0.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	5496	0.142	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	5119	0.201	ug/L	88
65) 1,4-Dichlorobenzene	11.835	146	4901	0.195	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	5247	0.212	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.221	180	3932	0.224	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	3132	0.251	ug/L	90
71) Naphthalene	14.092	128	4421	0.191	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.330	180	2674	0.207	ug/L	97

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

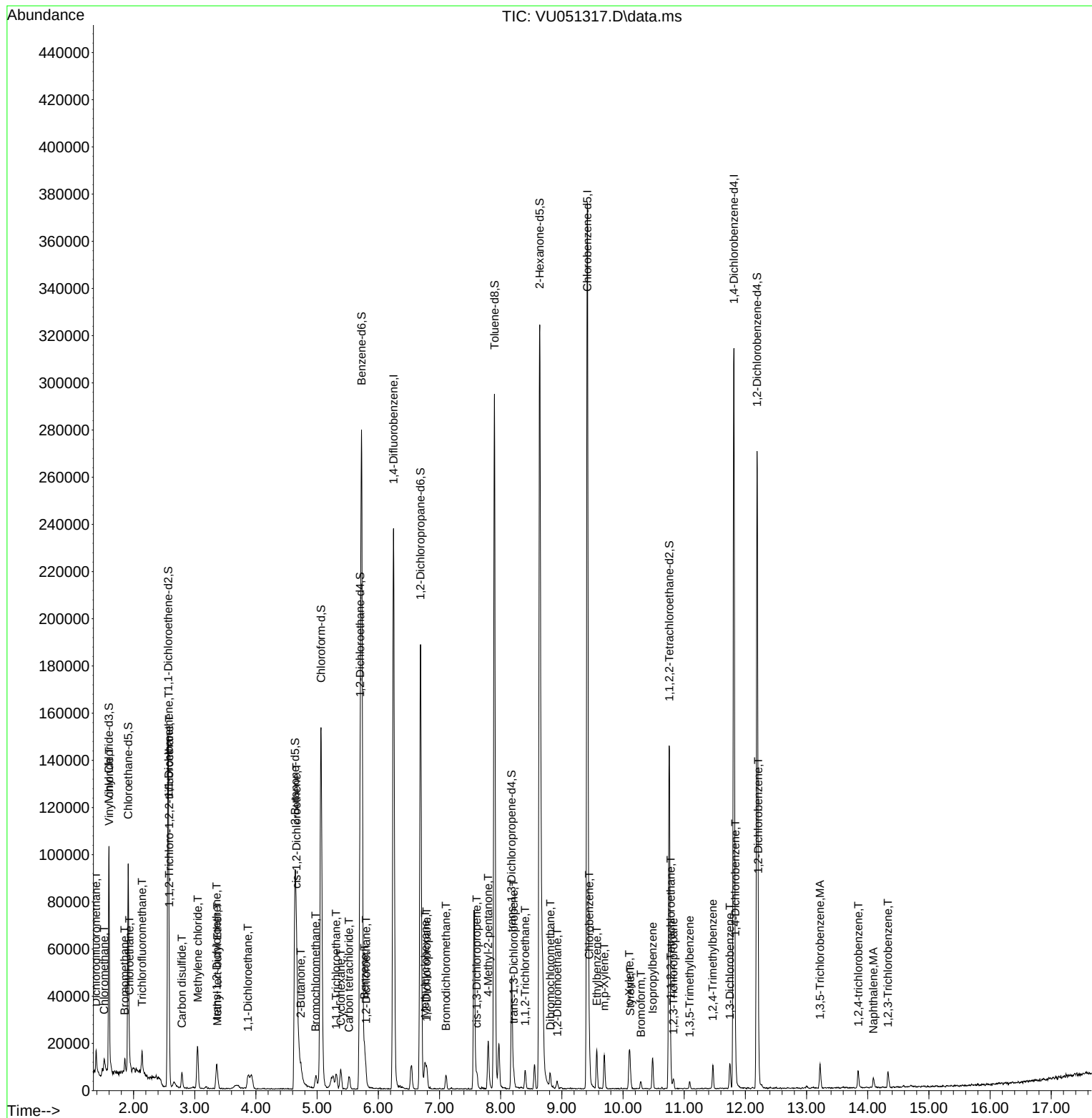
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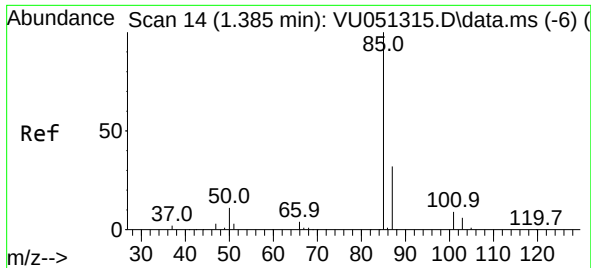
Instrument :
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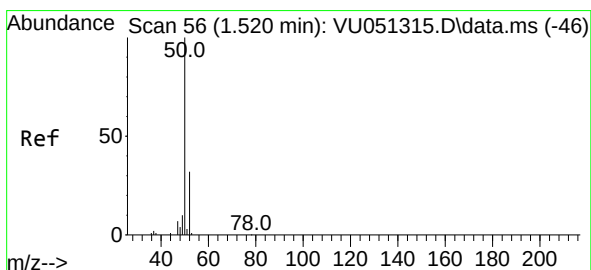
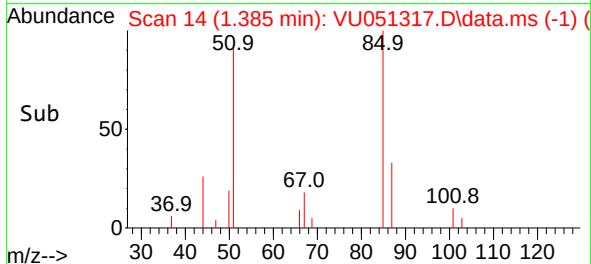
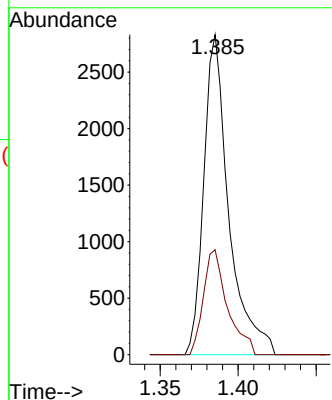
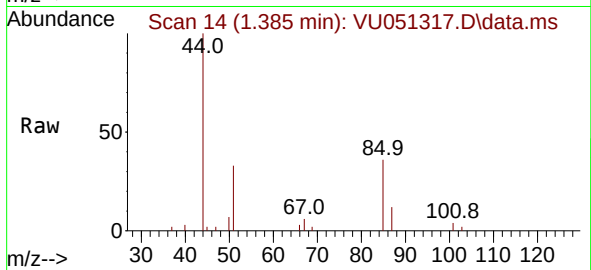
#2
Dichlorodifluoromethane
Concen: 0.208 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion: 85 Resp: 3152
Ion Ratio Lower Upper
85 100
87 31.6 26.2 39.4

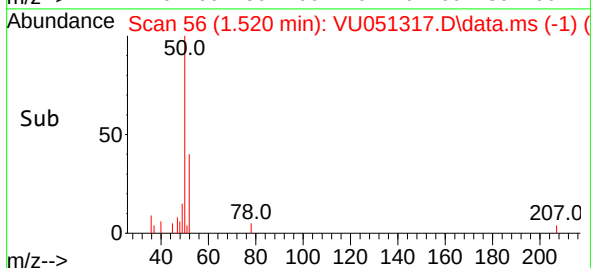
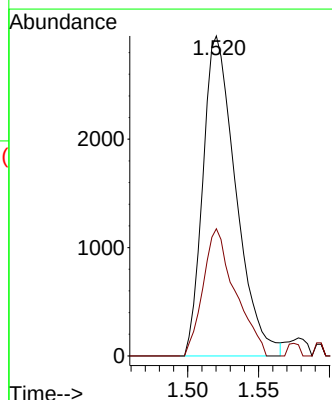
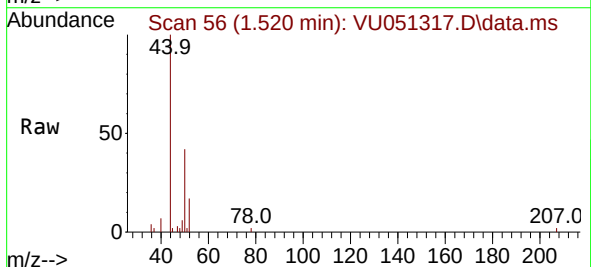
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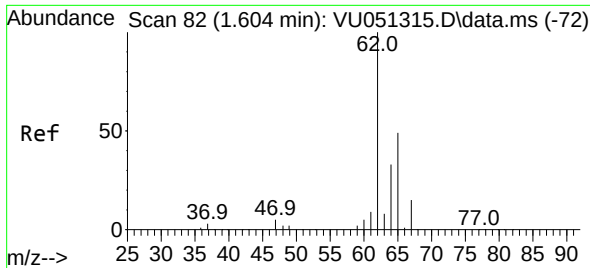
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#3
Chloromethane
Concen: 0.224 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

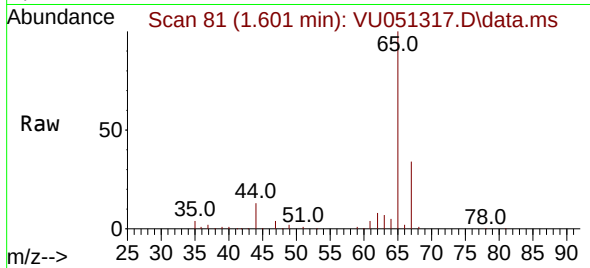
Tgt Ion: 50 Resp: 4770
Ion Ratio Lower Upper
50 100
52 39.8 22.9 42.5





#5
 Vinyl chloride
 Concen: 0.225 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051317.D
 Acq: 10 Oct 2022 11:08

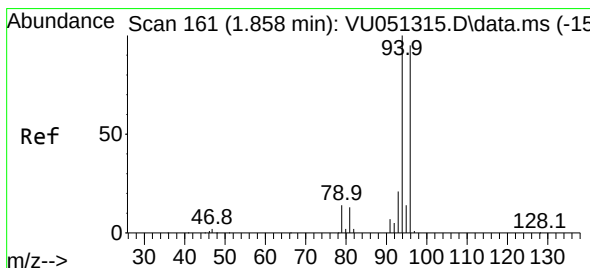
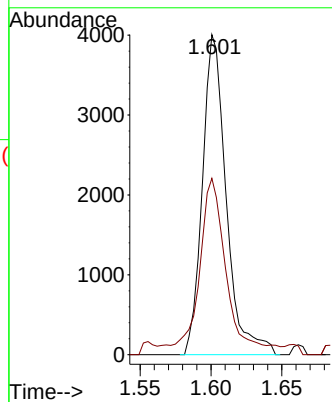
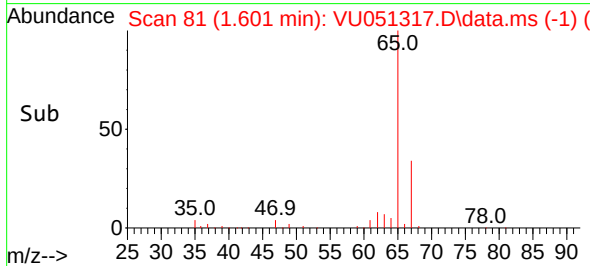
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2022-07



Tgt Ion: 62 Resp: 468
 Ion Ratio Lower Upper
 62 100
 64 55.1 24.0 44.6

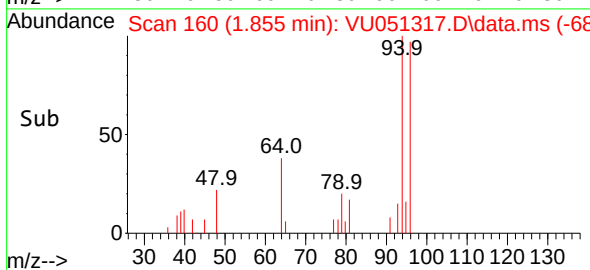
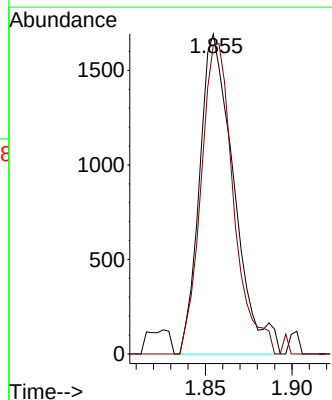
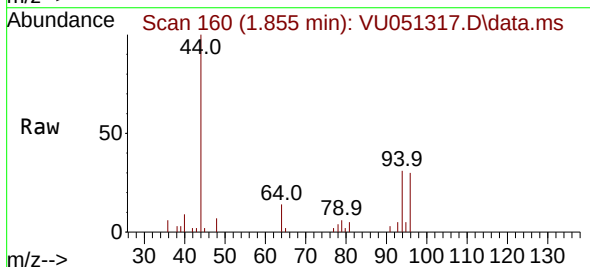
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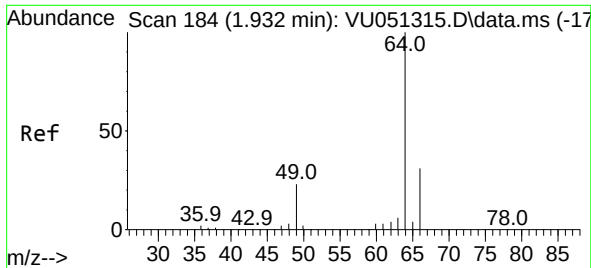
Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#6
 Bromomethane
 Concen: 0.205 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU051317.D
 Acq: 10 Oct 2022 11:08

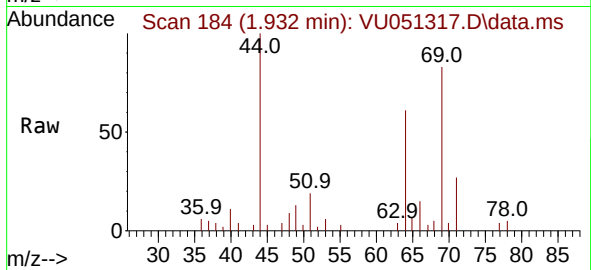
Tgt Ion: 94 Resp: 2326
 Ion Ratio Lower Upper
 94 100
 96 96.5 64.9 120.5





#8
Chloroethane
Concen: 0.219 ug/L m
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

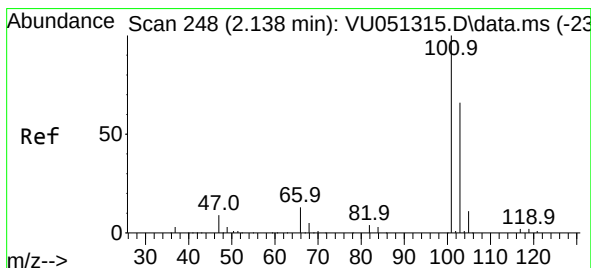
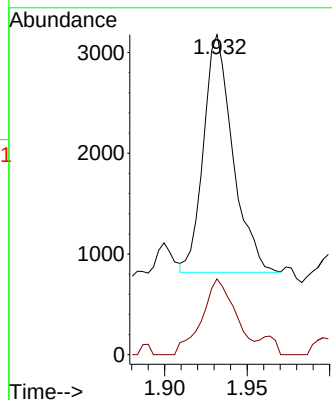
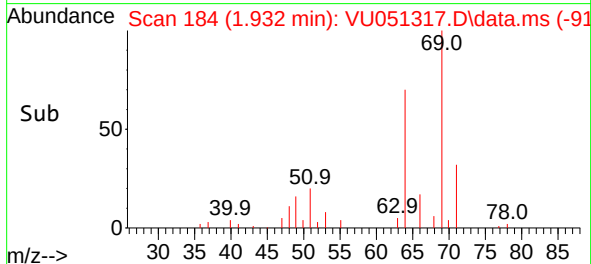
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion: 64 Resp: 2912
Ion Ratio Lower Upper
64 100
66 23.7 22.3 41.3

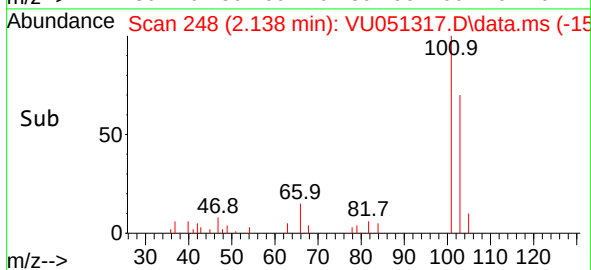
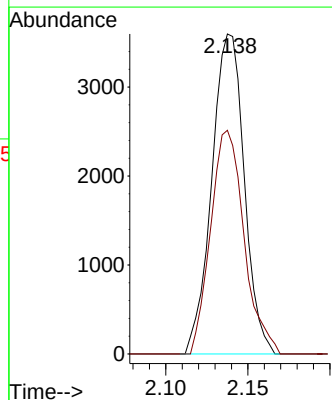
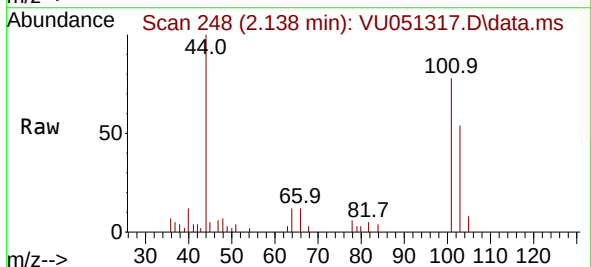
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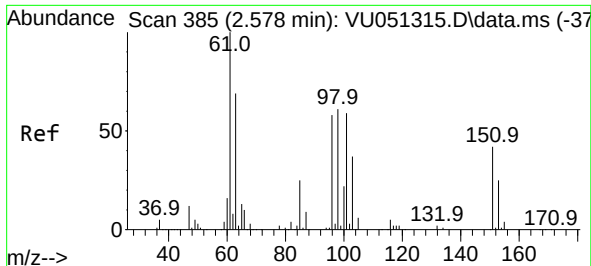
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#9
Trichlorofluoromethane
Concen: 0.206 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Tgt Ion:101 Resp: 4946
Ion Ratio Lower Upper
101 100
103 72.0 52.2 78.2





#10

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

Concen: 0.260 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU051317.D

Acq: 10 Oct 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2022-07

Tgt Ion: 101 Resp: 374

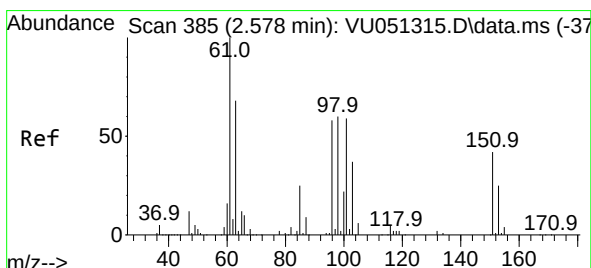
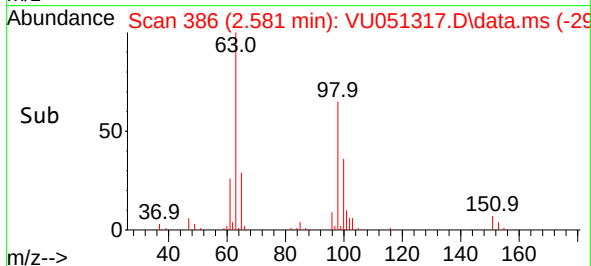
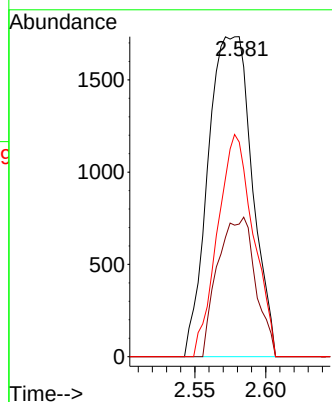
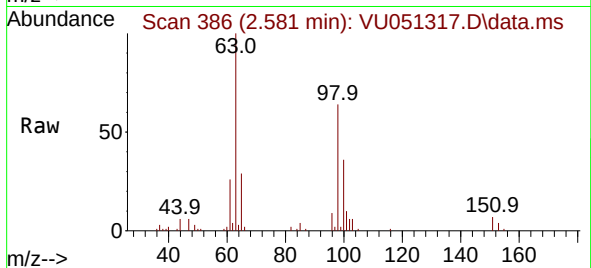
Ion	Ratio	Lower	Upper
101	100		
85	37.3	34.6	51.8
151	56.6	56.5	84.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.246 ug/L

RT: 2.575 min Scan# 384

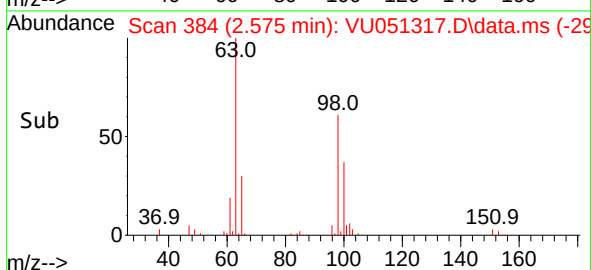
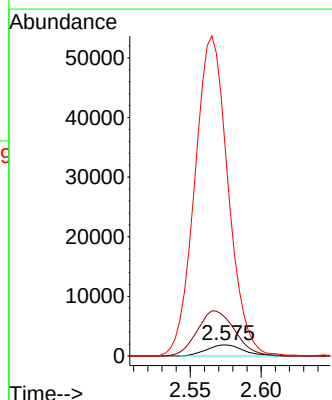
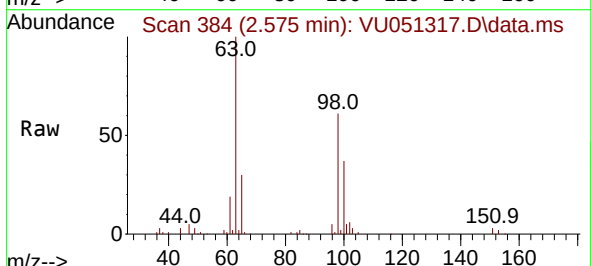
Delta R.T. -0.003 min

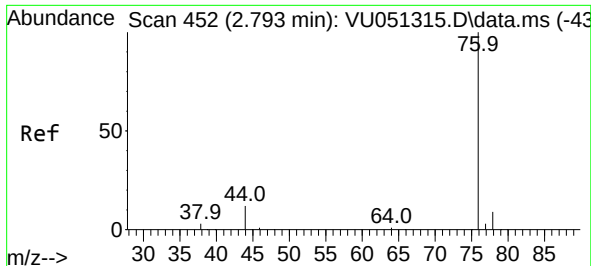
Lab File: VU051317.D

Acq: 10 Oct 2022 11:08

Tgt Ion: 96 Resp: 3329

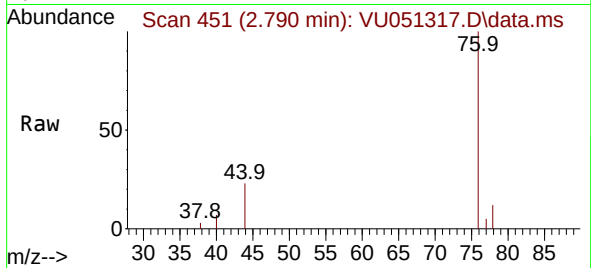
Ion	Ratio	Lower	Upper
96	100		
61	344.0	117.6	218.4#
63	1841.6	85.2	158.2#





#14
Carbon disulfide
Concen: 0.206 ug/L
RT: 2.790 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

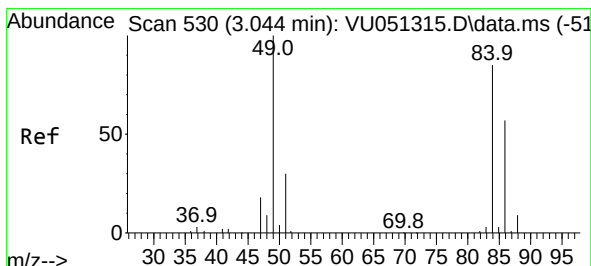
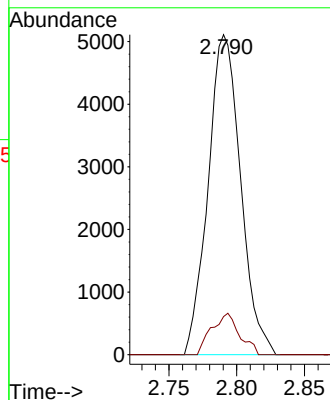
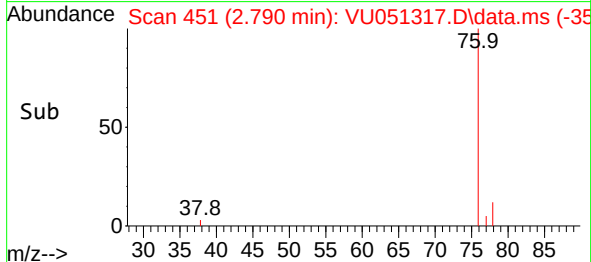
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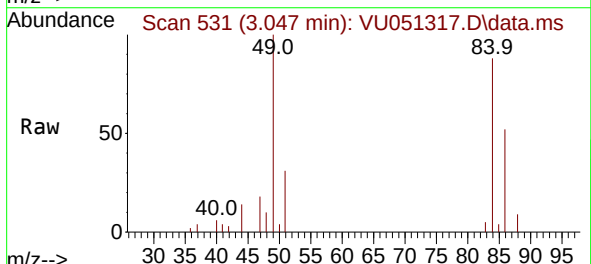
Tgt Ion: 76 Resp: 8529
Ion Ratio Lower Upper
76 100
78 11.9 7.0 10.4

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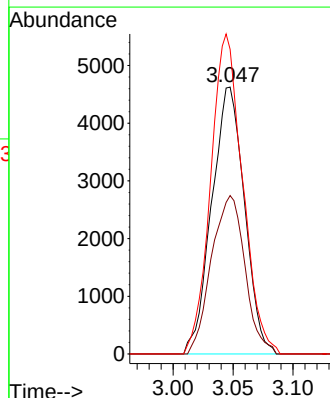
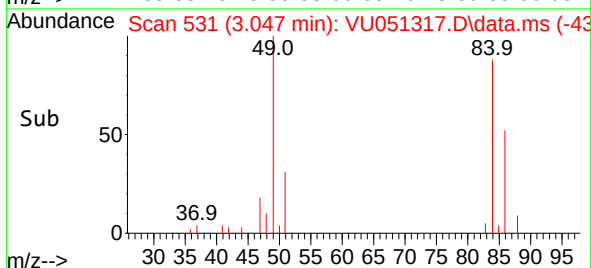
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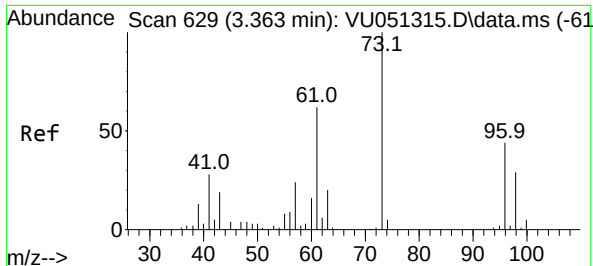


#16
Methylene chloride
Concen: 0.439 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



Tgt Ion: 84 Resp: 8779
Ion Ratio Lower Upper
84 100
86 59.3 46.5 86.3
49 114.1 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 0.176 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU051317.D

Acq: 10 Oct 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2022-07

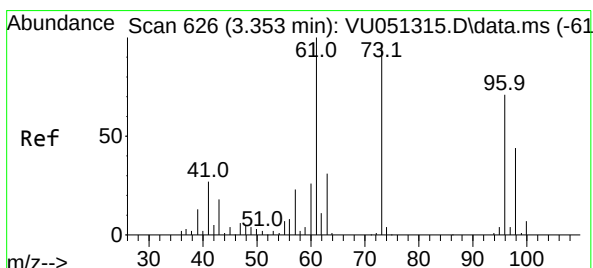
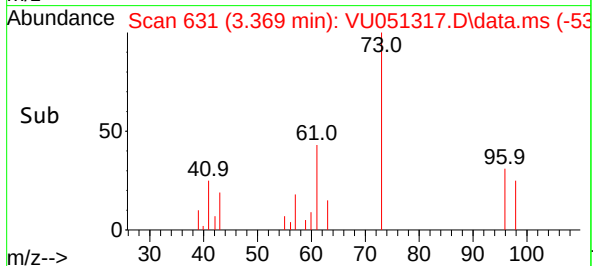
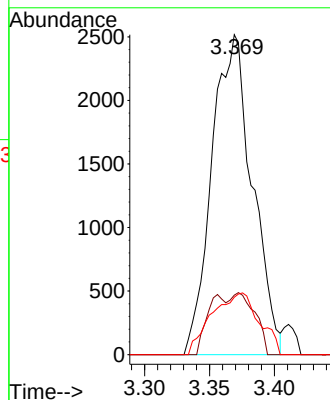
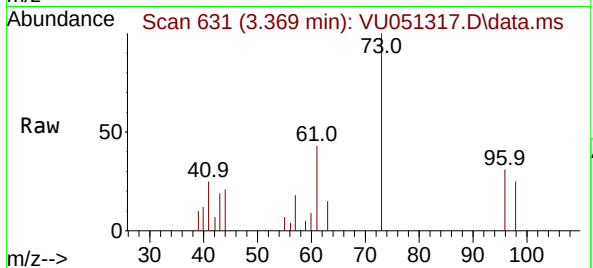
Tgt Ion: 73	Resp: 545
Ion Ratio	Lower Upper
73	100
43	12.1 15.4 23.0
57	22.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#18

trans-1,2-Dichloroethene

Concen: 0.188 ug/L

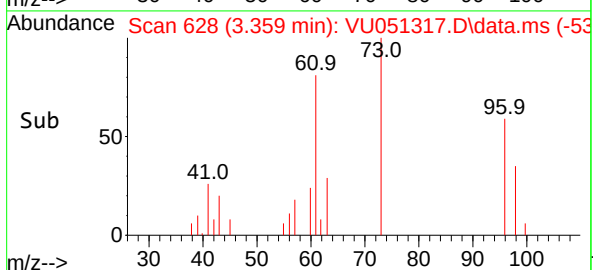
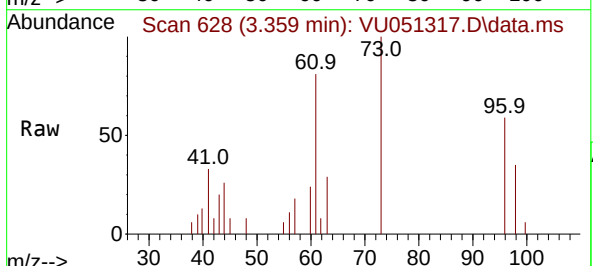
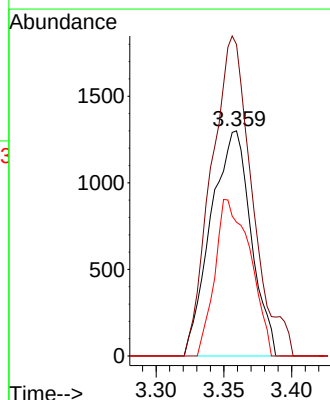
RT: 3.359 min Scan# 628

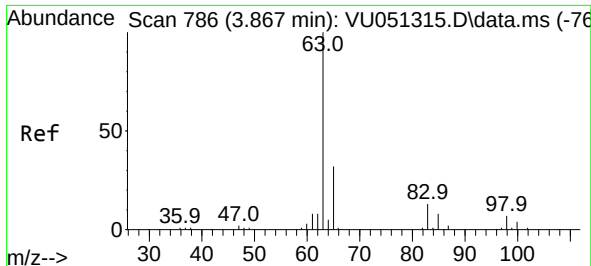
Delta R.T. 0.006 min

Lab File: VU051317.D

Acq: 10 Oct 2022 11:08

Tgt Ion: 96	Resp: 2681
Ion Ratio	Lower Upper
96	100
61	138.4 101.4 188.2
98	59.5 44.9 83.5





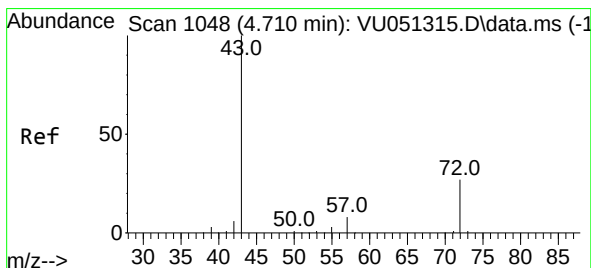
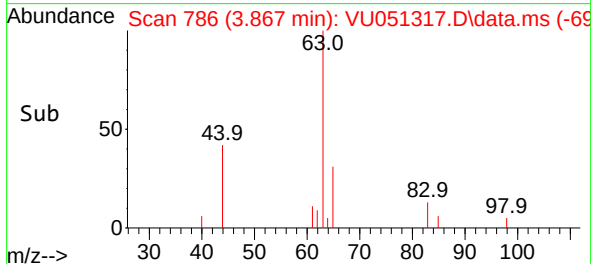
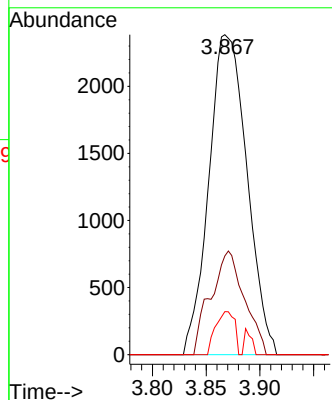
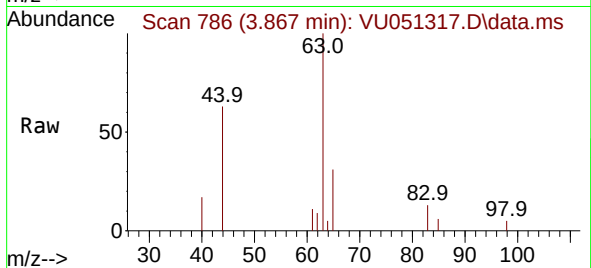
#19
1,1-Dichloroethane
Concen: 0.200 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion: 63 Resp: 588
Ion Ratio Lower Upper
63 100
65 30.8 22.0 41.0
83 13.5 9.0 16.6

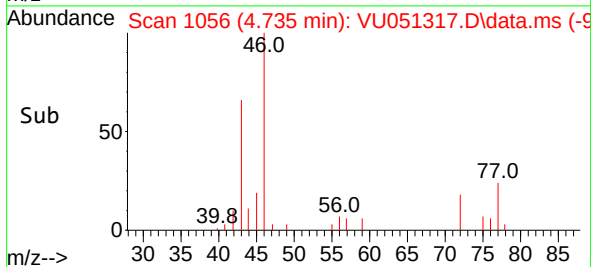
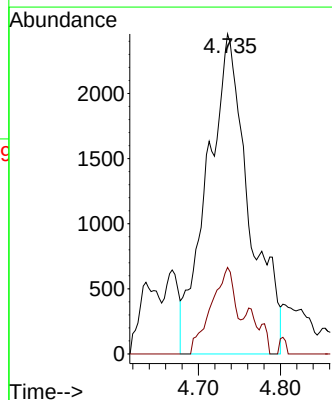
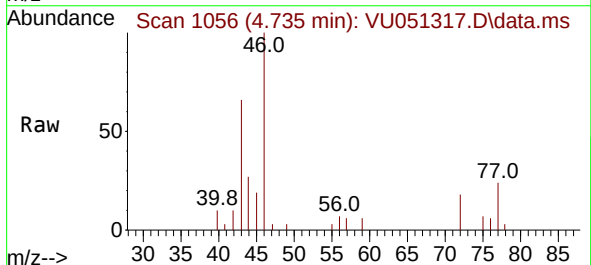
Manual Integrations
APPROVED

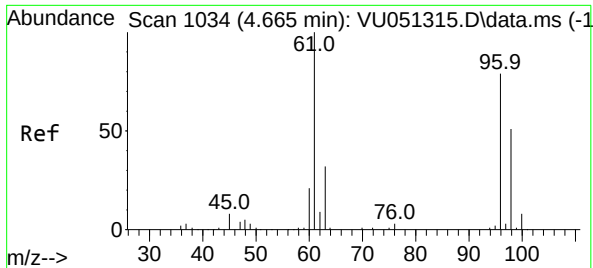
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#21
2-Butanone
Concen: 2.235 ug/L m
RT: 4.735 min Scan# 1056
Delta R.T. 0.026 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

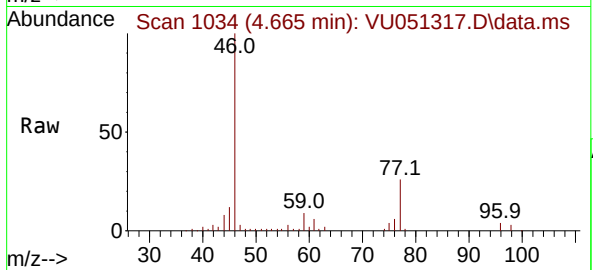
Tgt Ion: 43 Resp: 8702
Ion Ratio Lower Upper
43 100
72 0.8 13.8 41.4#





#22
 cis-1,2-Dichloroethene
 Concen: 0.201 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051317.D
 Acq: 10 Oct 2022 11:08

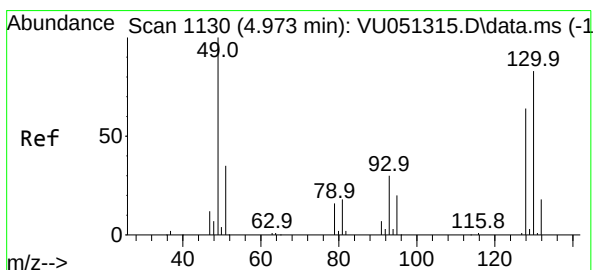
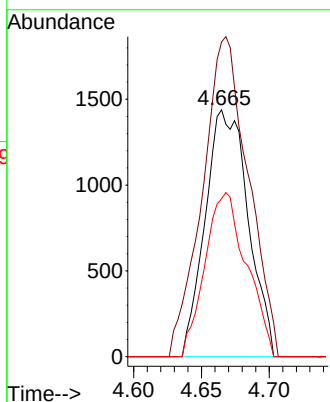
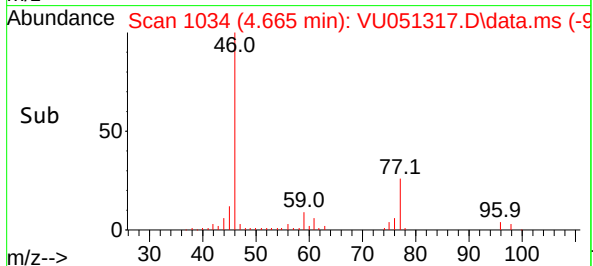
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2022-07



Tgt Ion: 96 Resp: 3160
 Ion Ratio Lower Upper
 96 100
 61 127.4 90.6 168.2
 98 63.9 47.5 88.3

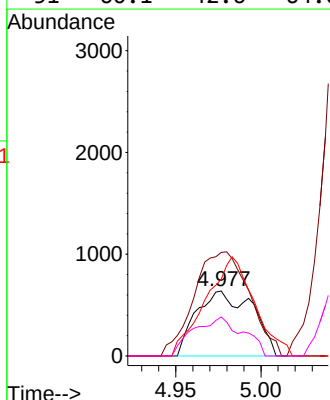
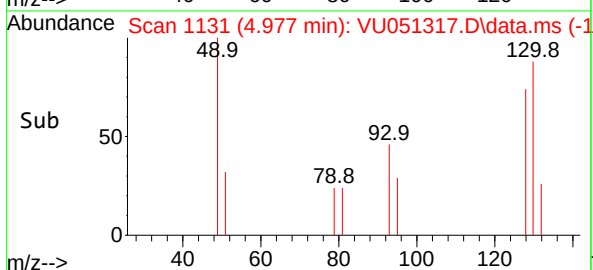
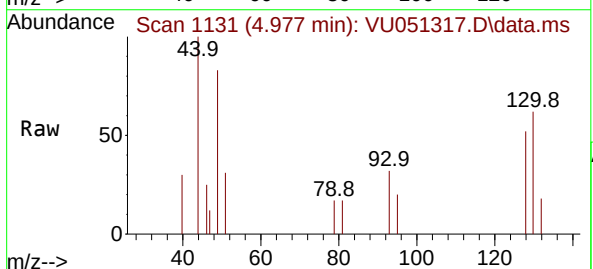
Manual Integrations
 APPROVED

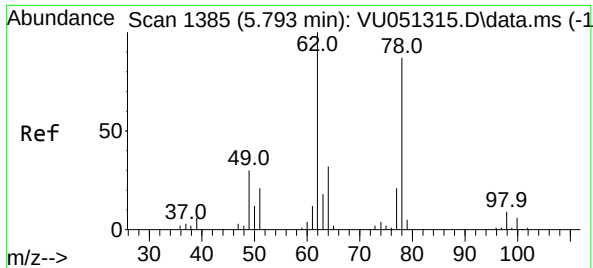
Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#23
 Bromochloromethane
 Concen: 0.194 ug/L m
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU051317.D
 Acq: 10 Oct 2022 11:08

Tgt Ion:128 Resp: 1460
 Ion Ratio Lower Upper
 128 100
 49 159.2 118.0 219.2
 130 118.2 88.8 164.8
 51 60.1 42.6 64.0





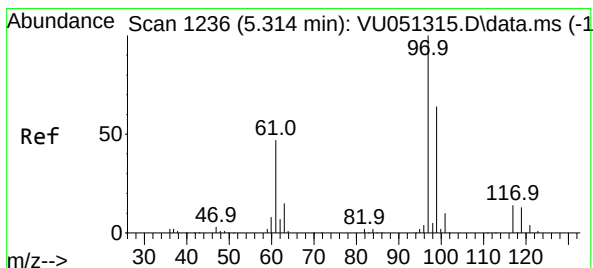
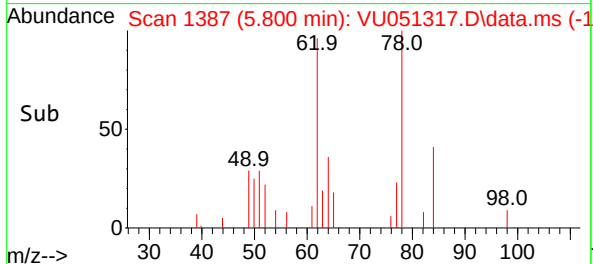
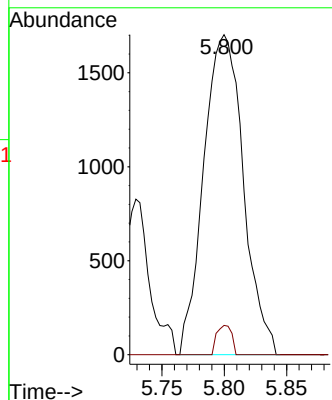
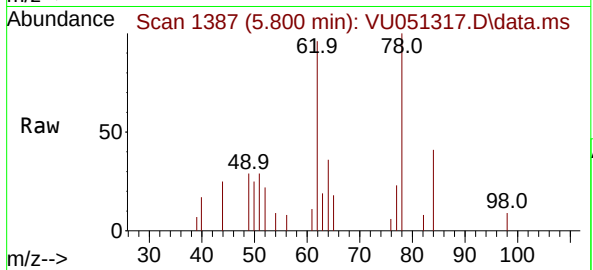
#27
1,2-Dichloroethane
Concen: 0.205 ug/L
RT: 5.800 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion: 62 Resp: 3770
Ion Ratio Lower Upper
62 100
98 9.2 7.7 11.5

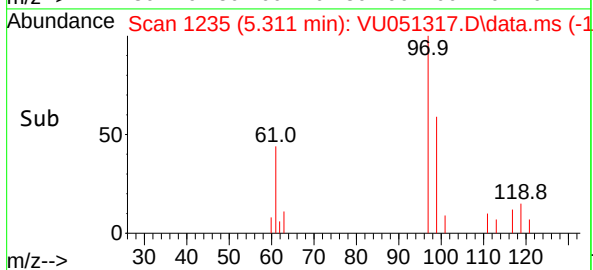
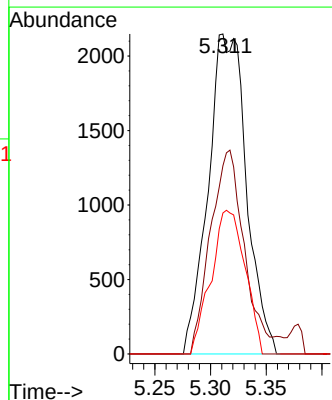
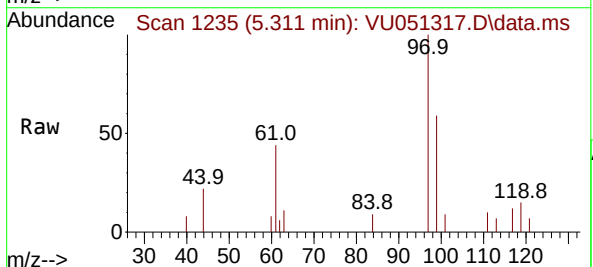
Manual Integrations
APPROVED

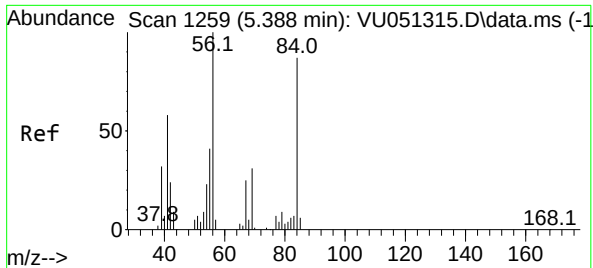
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#29
1,1,1-Trichloroethane
Concen: 0.204 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

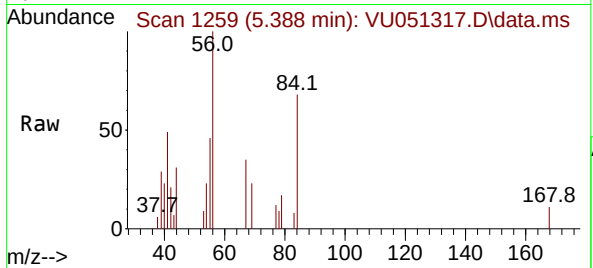
Tgt Ion: 97 Resp: 5123
Ion Ratio Lower Upper
97 100
99 56.4 50.2 75.4
61 40.0 38.7 58.1





#30
Cyclohexane
Concen: 0.141 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

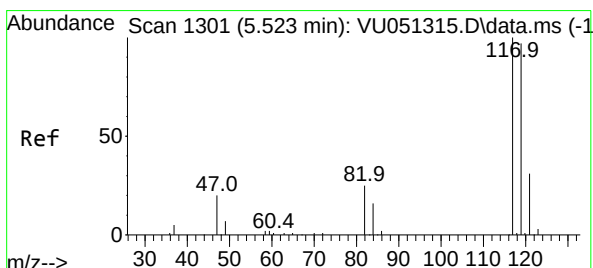
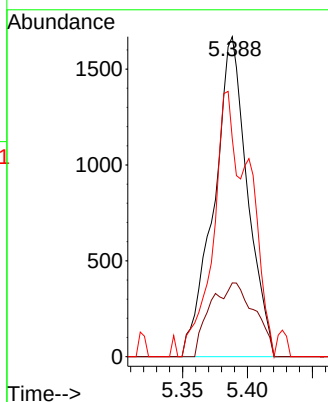
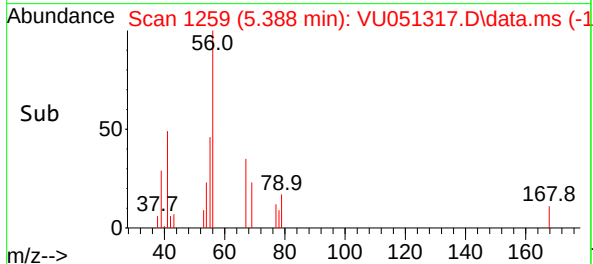
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion: 56 Resp: 3000
Ion Ratio Lower Upper
56 100
69 30.3 25.1 37.7
84 60.2 70.9 106.3

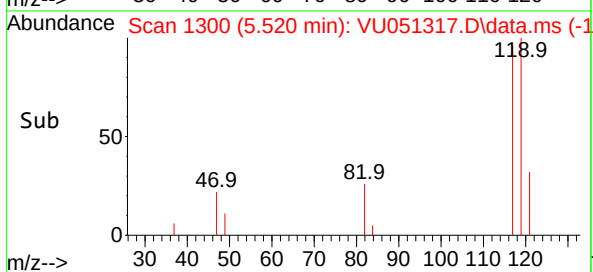
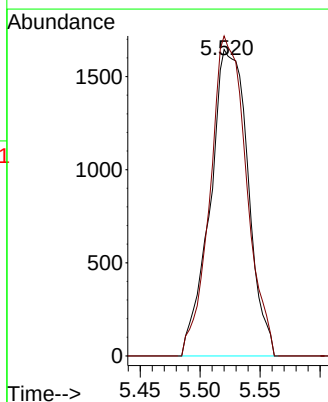
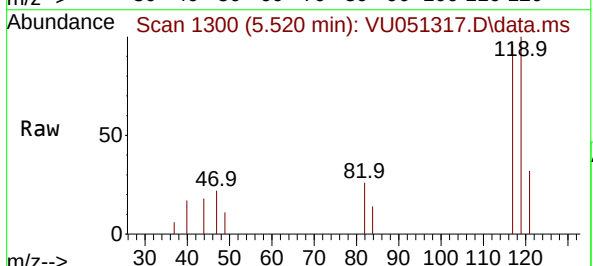
Manual Integrations
APPROVED

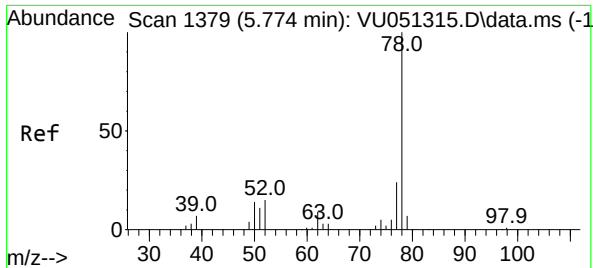
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#31
Carbon tetrachloride
Concen: 0.170 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Tgt Ion:117 Resp: 3605
Ion Ratio Lower Upper
117 100
119 100.1 78.4 117.6





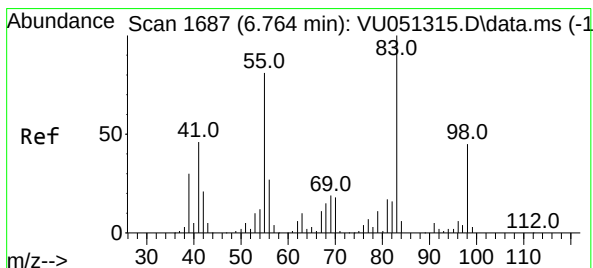
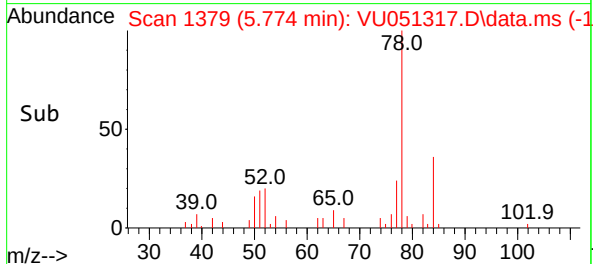
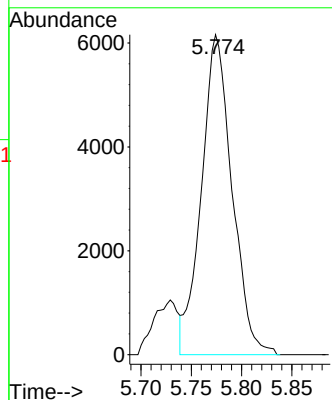
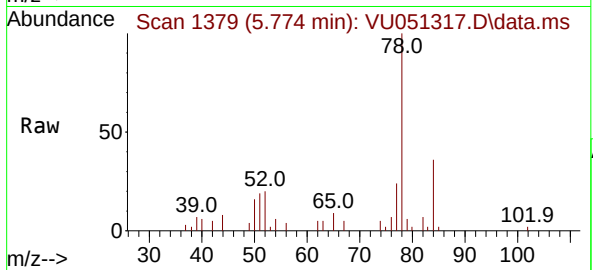
#33
Benzene
Concen: 0.186 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion: 78 Resp: 13024

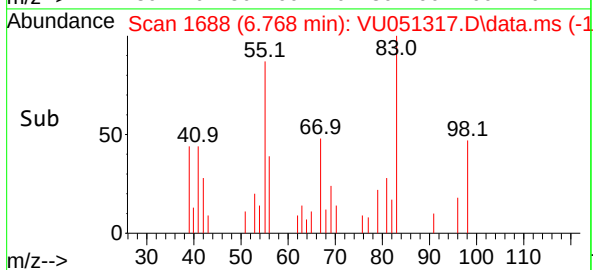
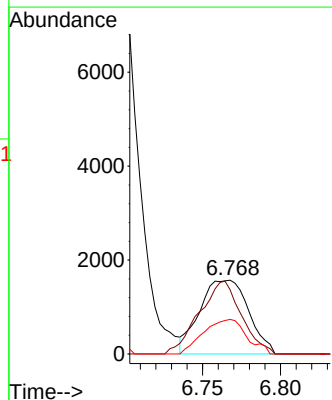
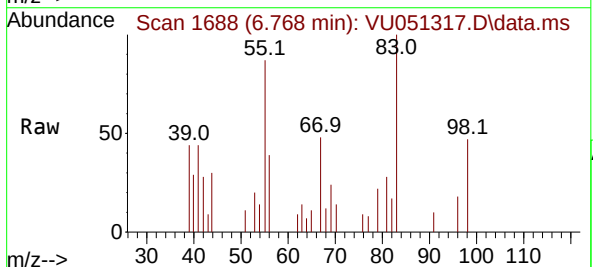
Manual Integrations
APPROVED

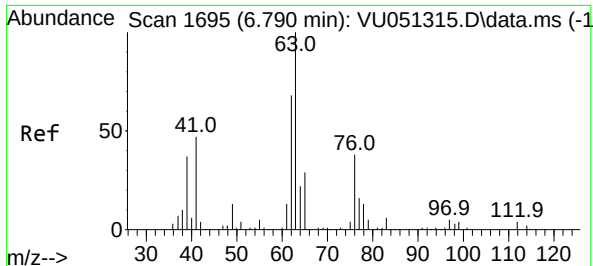
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#35
Methylcyclohexane
Concen: 0.156 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

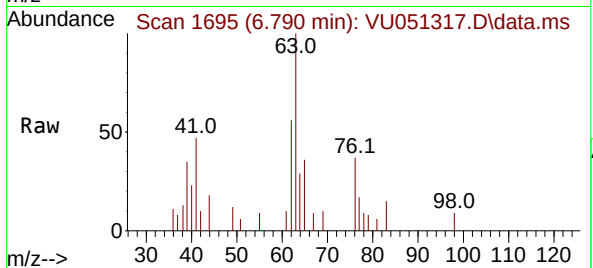
Tgt Ion: 83 Resp: 3432
Ion Ratio Lower Upper
83 100
55 85.1 65.8 98.6
98 41.3 35.9 53.9





#37
1,2-Dichloropropane
Concen: 0.172 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

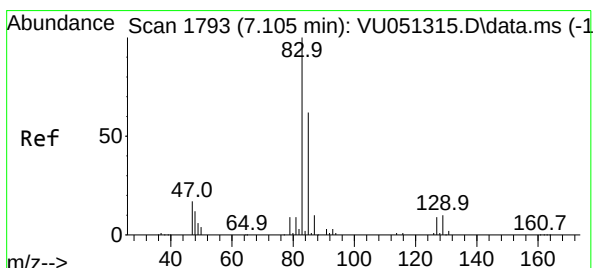
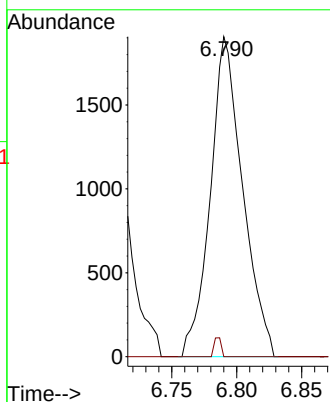
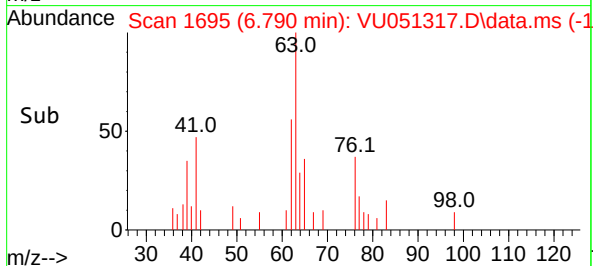
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2022-07



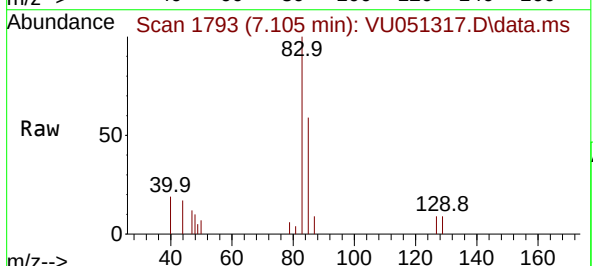
Tgt Ion: 63 Resp: 3298
Ion Ratio Lower Upper
63 100
112 1.3 3.2 4.8

Manual Integrations
APPROVED

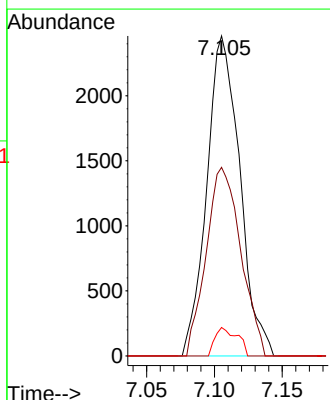
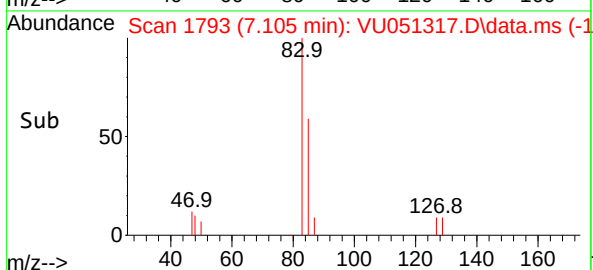
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

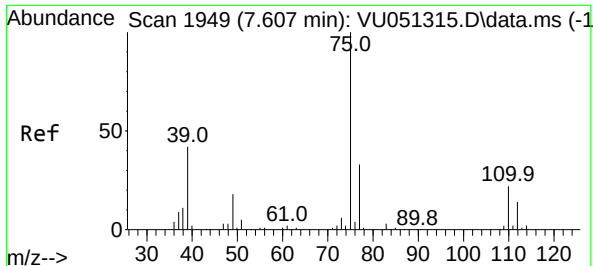


#38
Bromodichloromethane
Concen: 0.182 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



Tgt Ion: 83 Resp: 4164
Ion Ratio Lower Upper
83 100
85 58.9 44.8 83.2
127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.156 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051317.D

Acq: 10 Oct 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2022-07

Tgt Ion: 75 Resp: 359

Ion Ratio Lower Upper

75 100

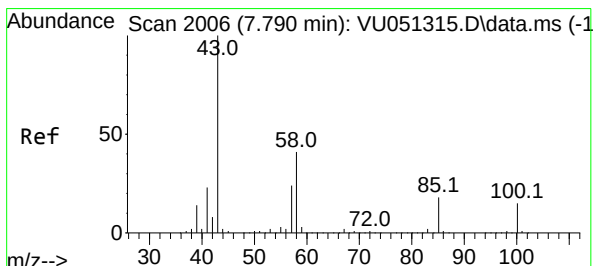
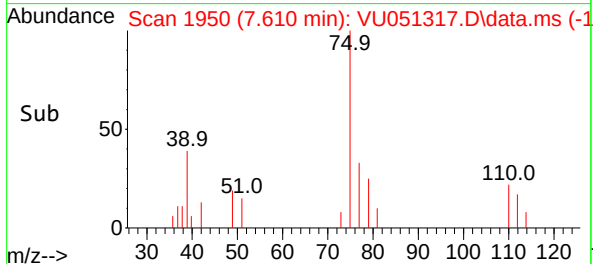
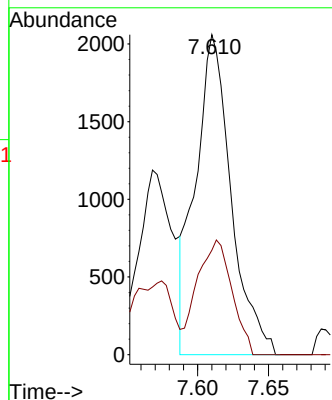
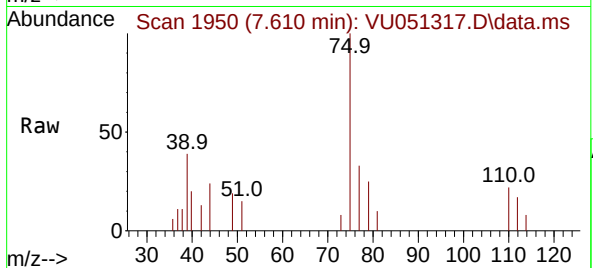
77 32.7 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#40

4-Methyl-2-pentanone

Concen: 1.452 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU051317.D

Acq: 10 Oct 2022 11:08

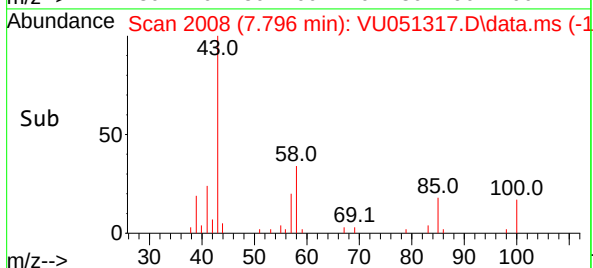
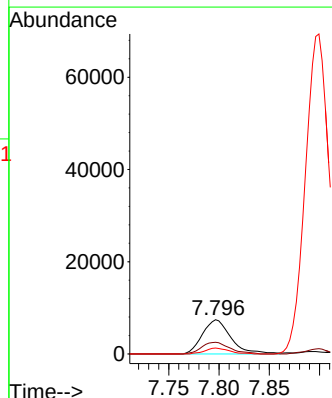
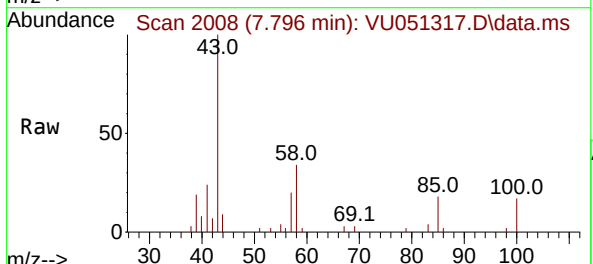
Tgt Ion: 43 Resp: 14584

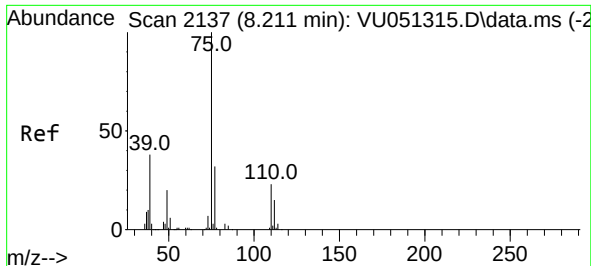
Ion Ratio Lower Upper

43 100

58 33.8 33.0 49.6

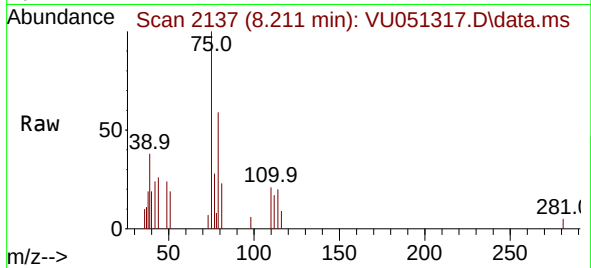
100 0.0 11.8 17.6#





#44
trans-1,3-Dichloropropene
Concen: 0.173 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

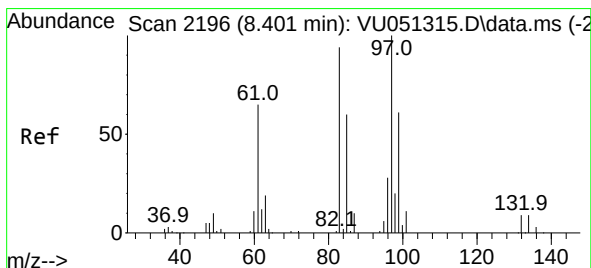
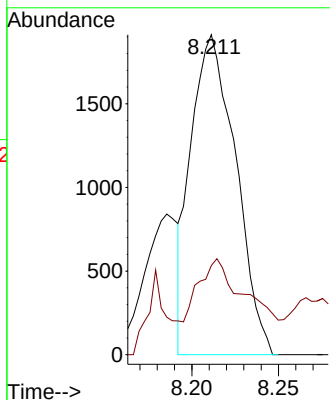
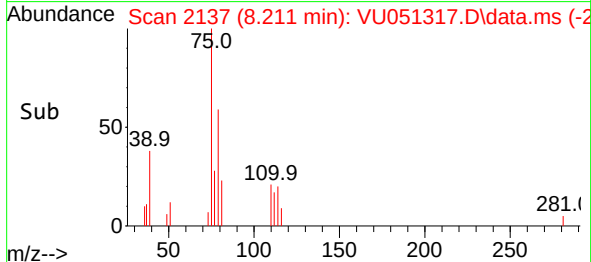
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2022-07



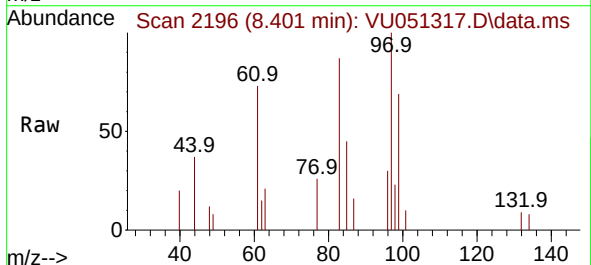
Tgt Ion: 75 Resp: 3438
Ion Ratio Lower Upper
75 100
77 27.9 21.8 40.6

Manual Integrations
APPROVED

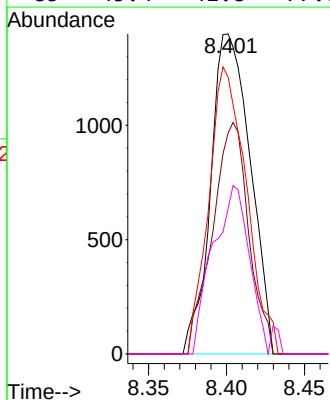
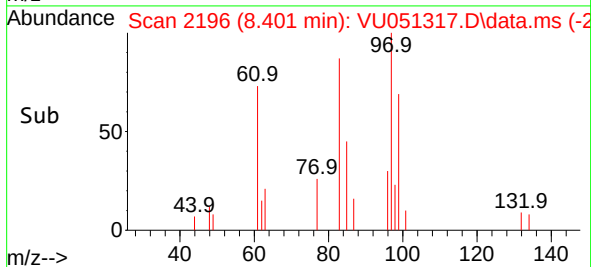
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

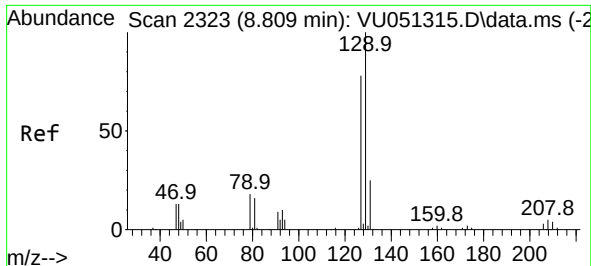


#45
1,1,2-Trichloroethane
Concen: 0.184 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



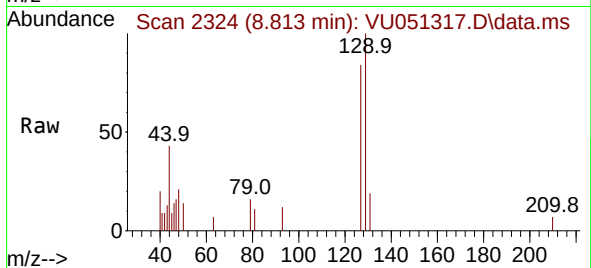
Tgt Ion: 97 Resp: 2473
Ion Ratio Lower Upper
97 100
99 69.1 45.3 84.1
83 86.5 63.1 117.1
85 45.4 41.8 77.6





#49
Dibromochloromethane
Concen: 0.193 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

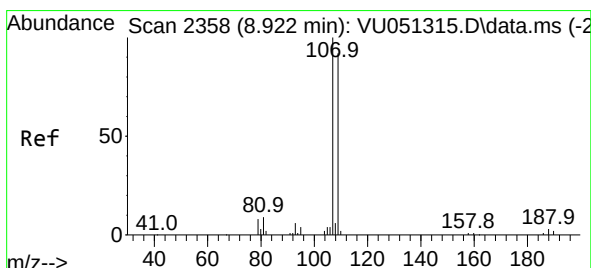
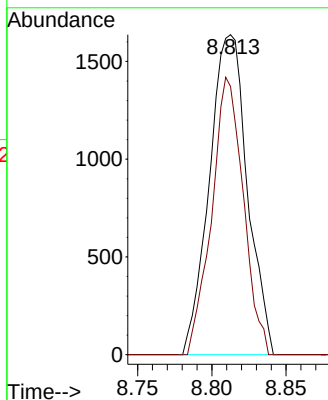
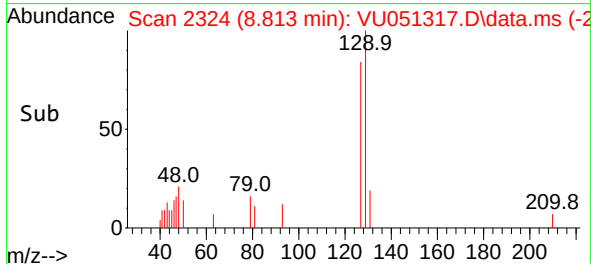
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



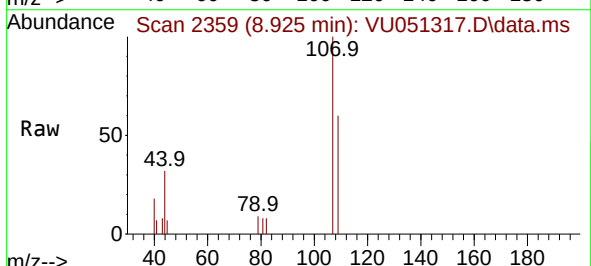
Tgt Ion:129 Resp: 2920
Ion Ratio Lower Upper
129 100
127 83.8 53.5 99.3

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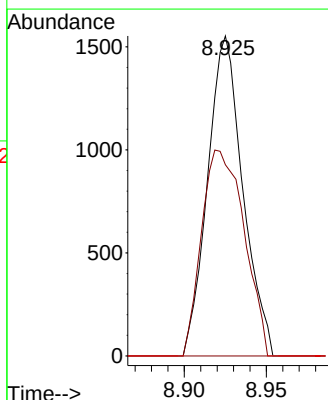
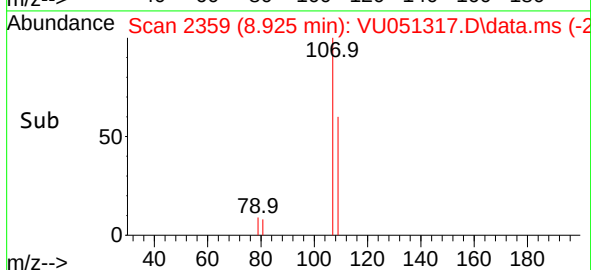
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

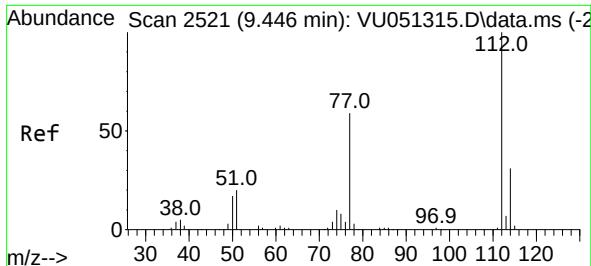


#50
1,2-Dibromoethane
Concen: 0.194 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



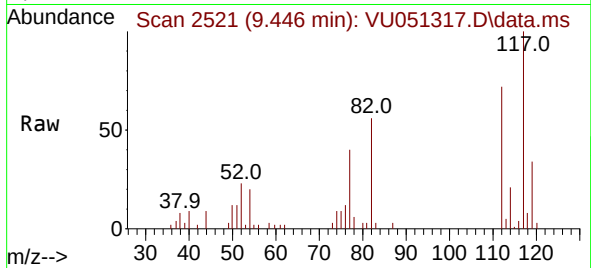
Tgt Ion:107 Resp: 2316
Ion Ratio Lower Upper
107 100
109 59.8 67.1 124.7#
188 0.0 2.5 3.7#





#51
Chlorobenzene
Concen: 0.193 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

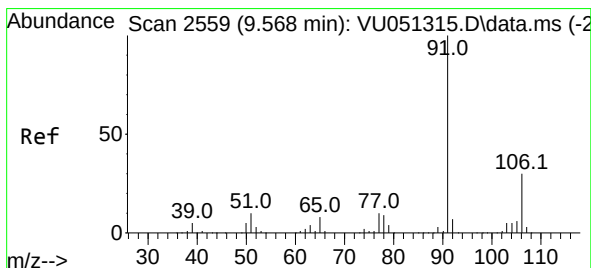
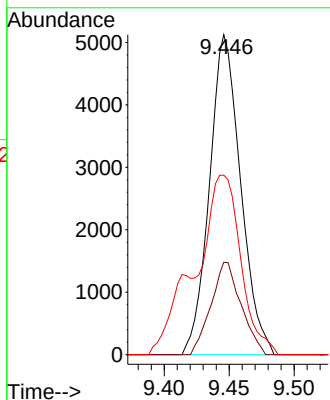
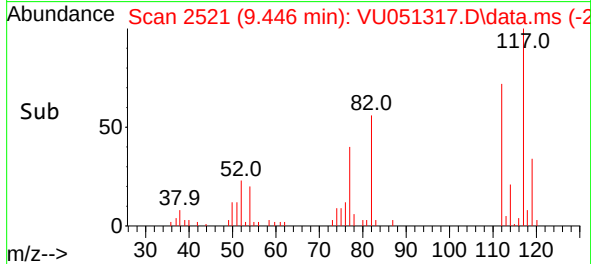
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion:112 Resp: 8544
Ion Ratio Lower Upper
112 100
114 28.9 22.3 41.5
77 56.1 48.1 72.1

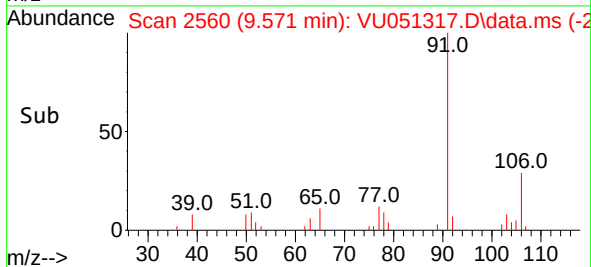
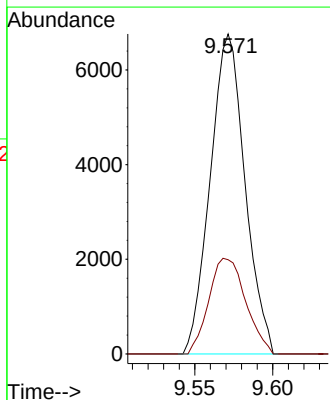
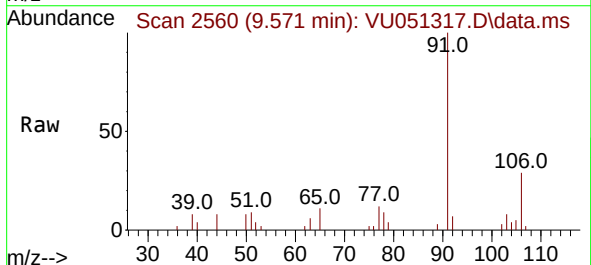
Manual Integrations
APPROVED

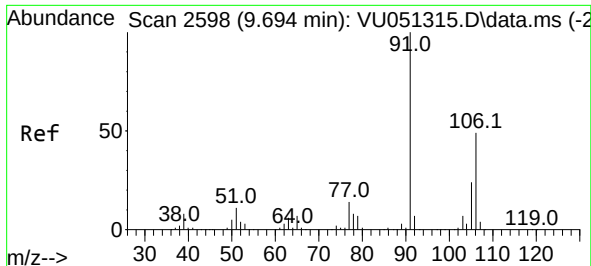
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#52
Ethylbenzene
Concen: 0.157 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Tgt Ion: 91 Resp: 10449
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.7





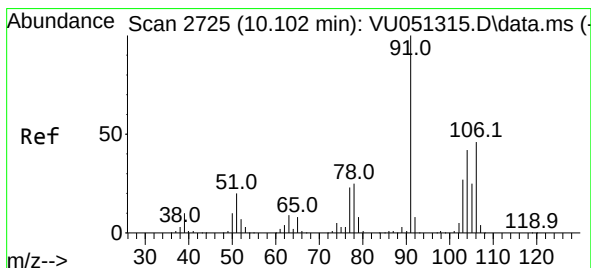
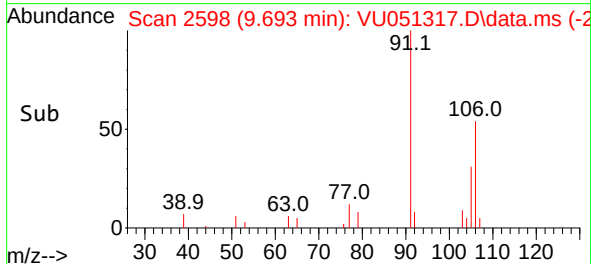
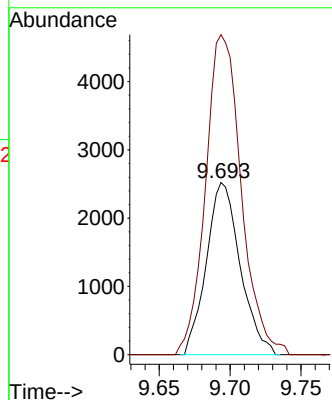
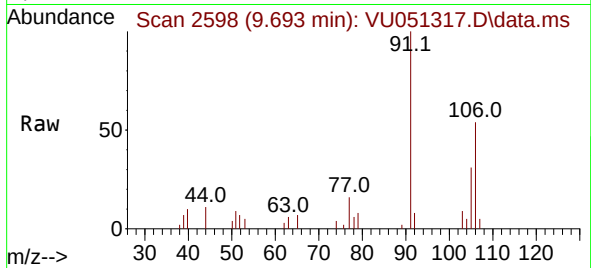
#53
m,p-Xylene
Concen: 0.162 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:106 Resp: 418
Ion Ratio Lower Upper
106 100
91 185.8 143.9 267.3

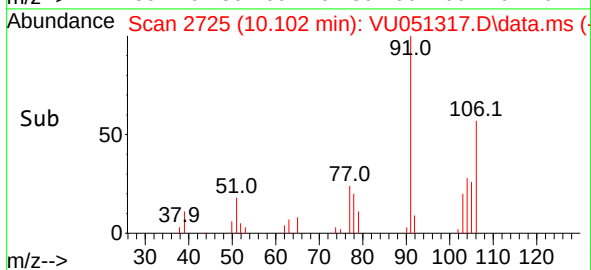
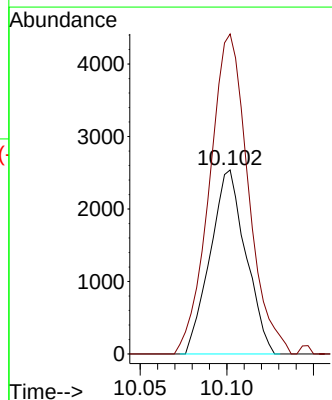
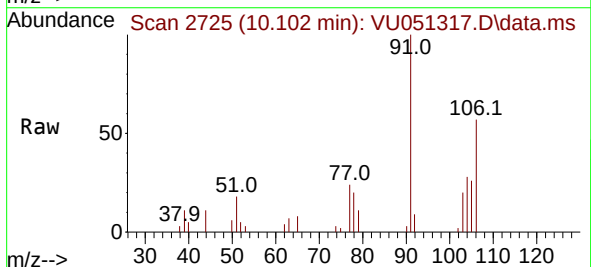
Manual Integrations
APPROVED

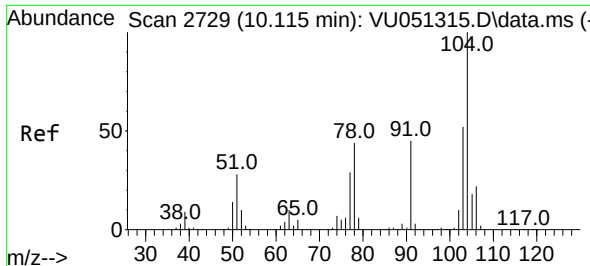
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#54
o-Xylene
Concen: 0.148 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Tgt Ion:106 Resp: 3623
Ion Ratio Lower Upper
106 100
91 174.0 154.4 286.8





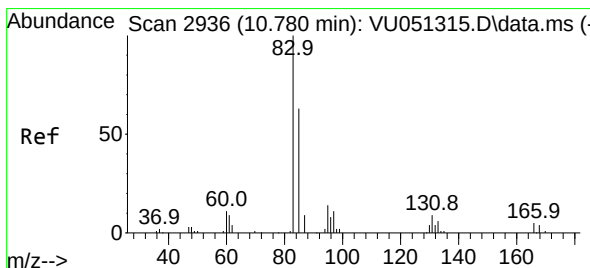
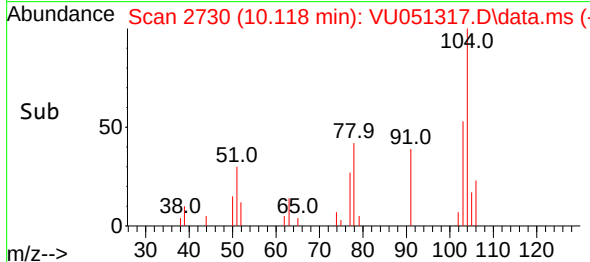
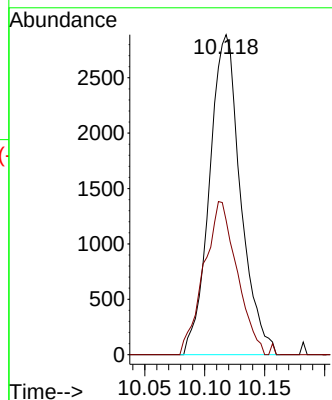
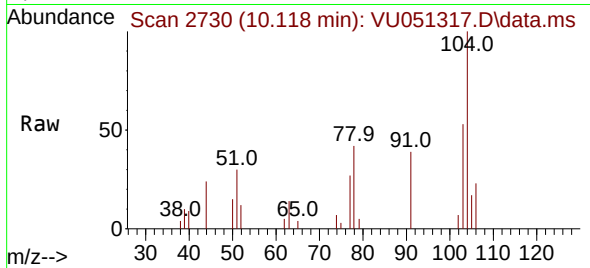
#55
Styrene
Concen: 0.124 ug/L
RT: 10.118 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:104 Resp: 5208
Ion Ratio Lower Upper
104 100
78 42.0 32.1 59.7

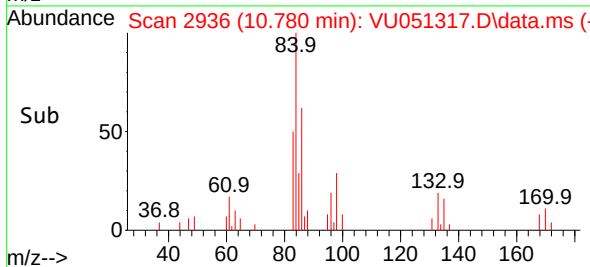
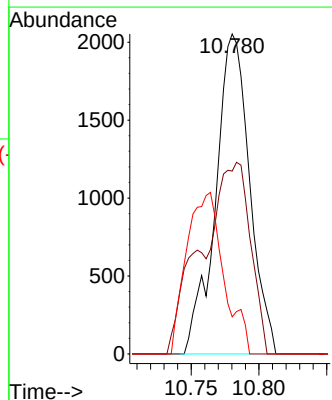
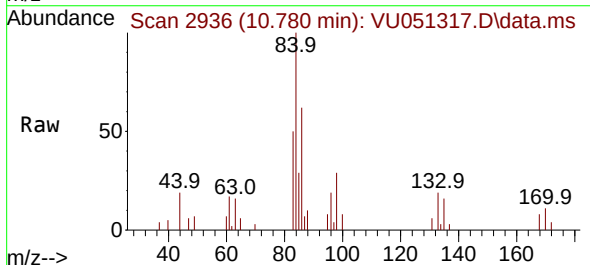
Manual Integrations
APPROVED

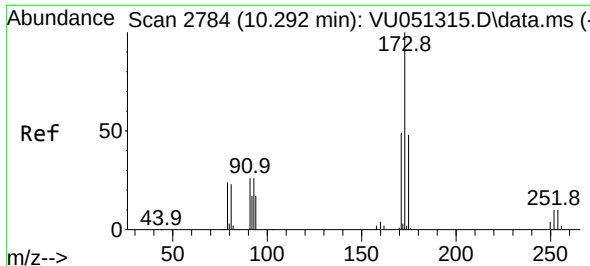
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#57
1,1,2,2-Tetrachloroethane
Concen: 0.216 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

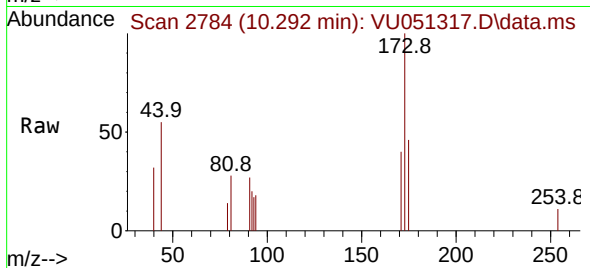
Tgt Ion: 83 Resp: 3588
Ion Ratio Lower Upper
83 100
85 57.1 45.9 85.3
131 11.6 7.4 11.2#





#59
Bromoform
Concen: 0.207 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

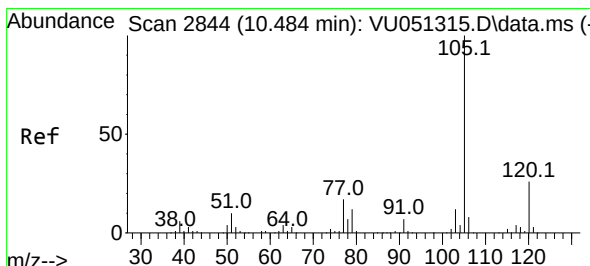
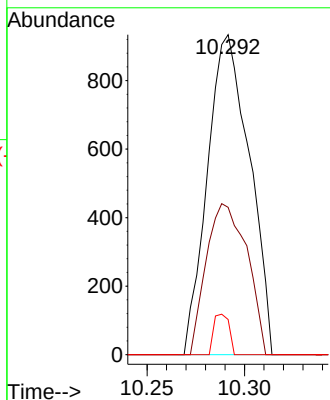
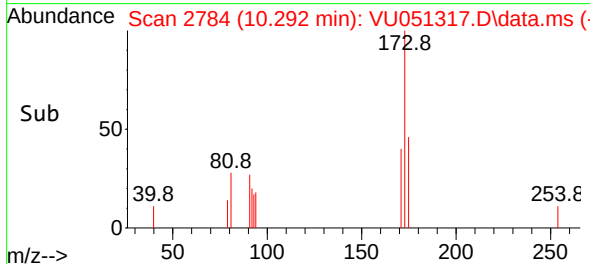
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



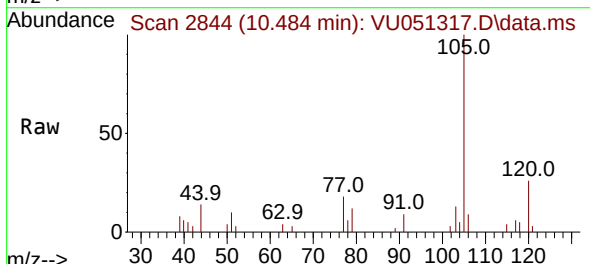
Tgt Ion:173 Resp: 1400
Ion Ratio Lower Upper
173 100
175 45.7 39.0 58.4
254 4.6 7.5 11.3

Manual Integrations
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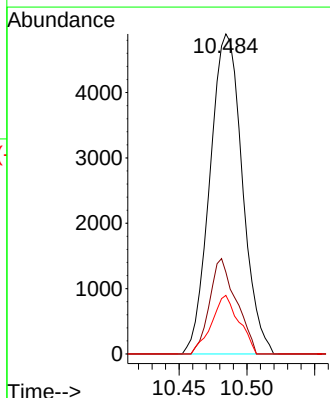
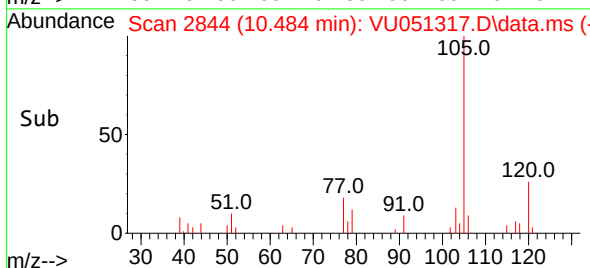
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

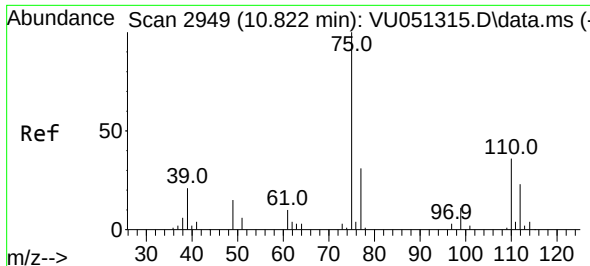


#60
Isopropylbenzene
Concen: 0.158 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



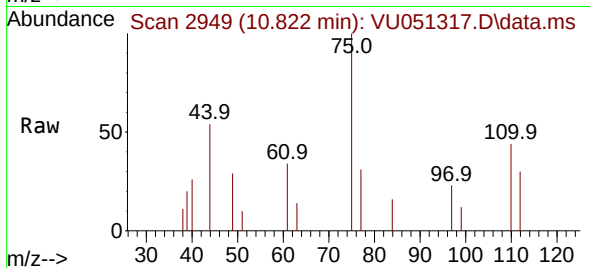
Tgt Ion:105 Resp: 8129
Ion Ratio Lower Upper
105 100
120 24.5 20.6 30.8
77 15.5 13.5 20.3





#61
1,2,3-Trichloropropane
Concen: 0.194 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

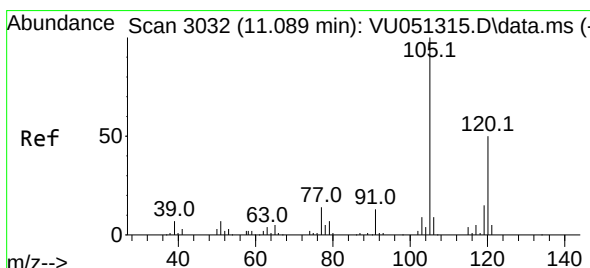
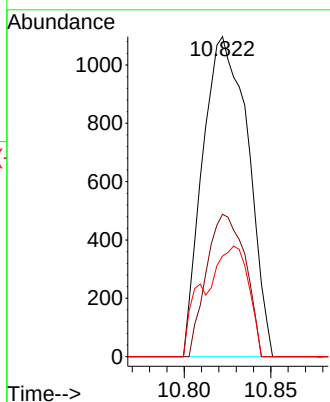
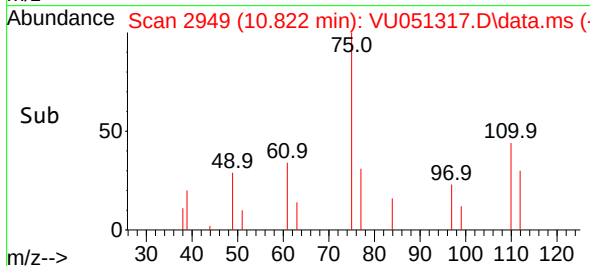
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



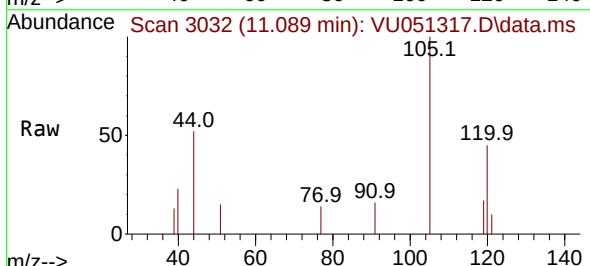
Tgt Ion: 75 Resp: 1998
Ion Ratio Lower Upper
75 100
110 38.1 27.0 40.6
77 33.9 26.4 39.6

Manual Integrations
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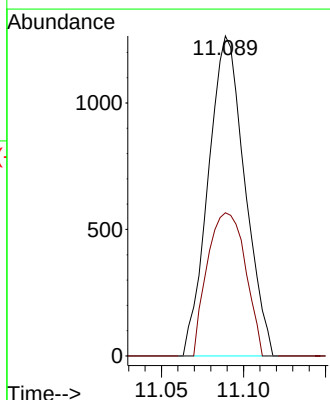
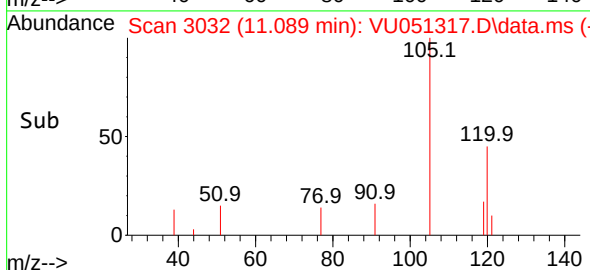
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

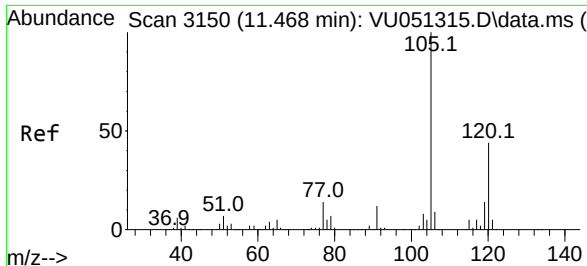


#62
1,3,5-Trimethylbenzene
Concen: 0.143 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



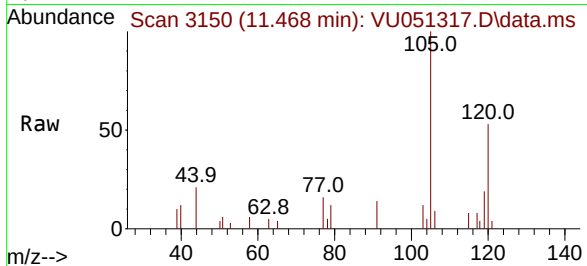
Tgt Ion:105 Resp: 1951
Ion Ratio Lower Upper
105 100
120 46.6 37.7 56.5





#63
1,2,4-Trimethylbenzene
Concen: 0.142 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

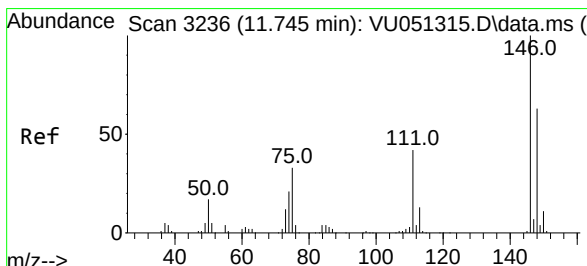
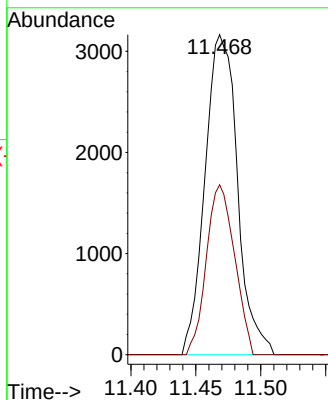
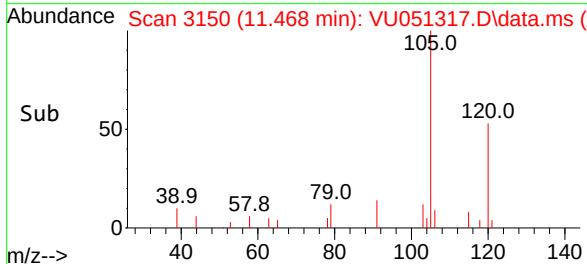
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



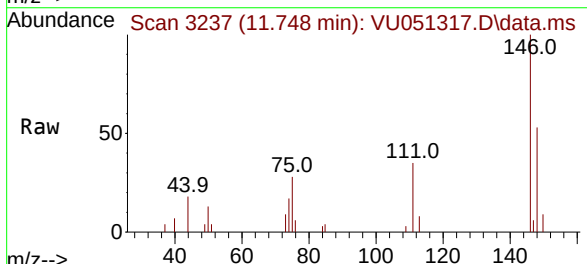
Tgt Ion:105 Resp: 5490
Ion Ratio Lower Upper
105 100
120 46.0 35.6 53.4

Manual Integrations
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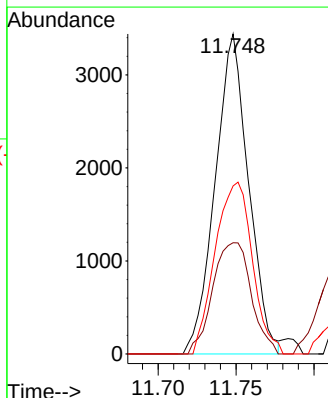
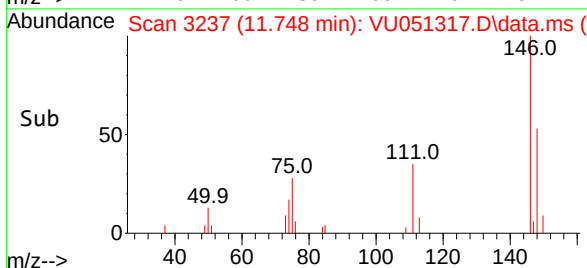
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

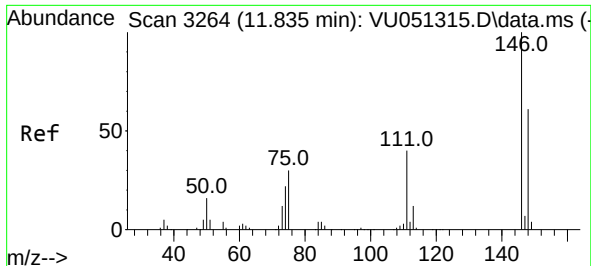


#64
1,3-Dichlorobenzene
Concen: 0.201 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



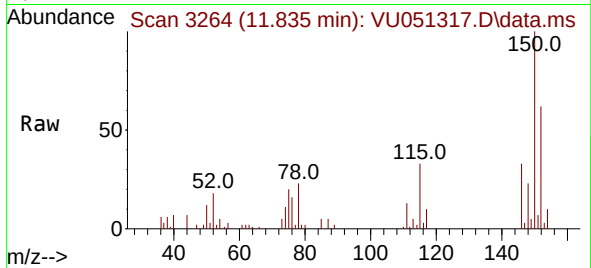
Tgt Ion:146 Resp: 5119
Ion Ratio Lower Upper
146 100
111 34.7 28.3 52.7
148 52.5 43.8 81.4





#65
1,4-Dichlorobenzene
Concen: 0.195 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

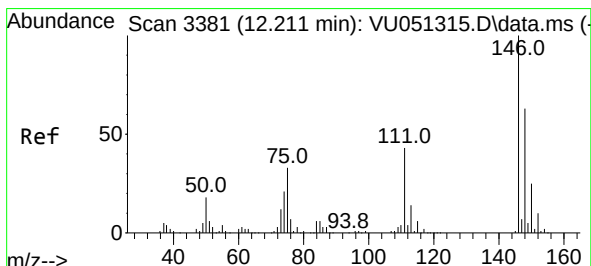
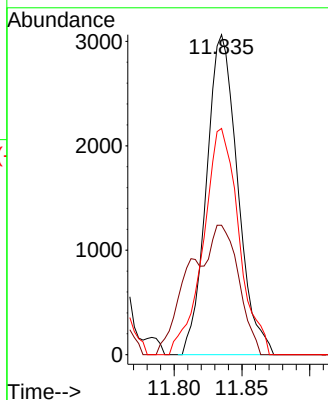
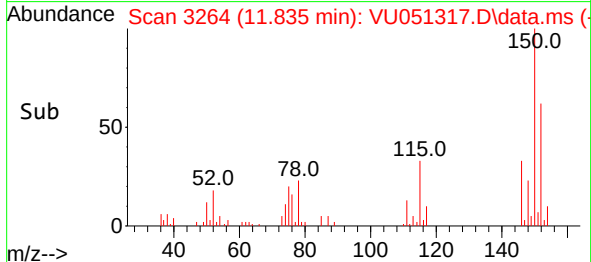
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



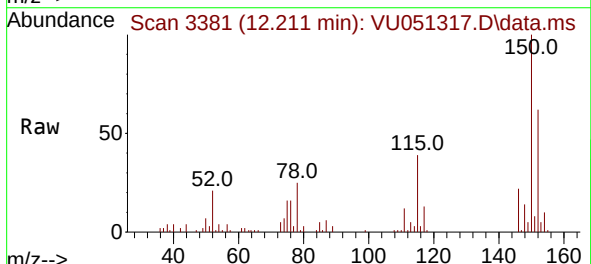
Tgt Ion:146 Resp: 490
Ion Ratio Lower Upper
146 100
111 40.5 29.1 54.1
148 70.7 44.2 82.0

Manual Integrations
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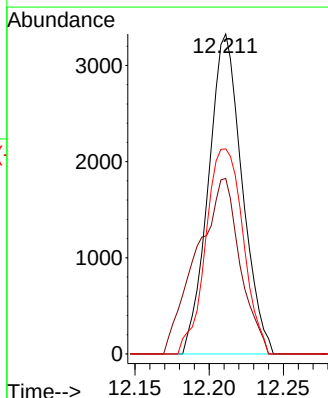
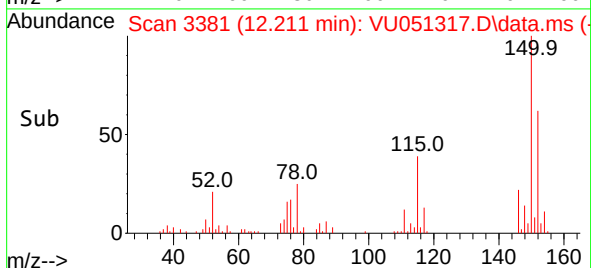
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

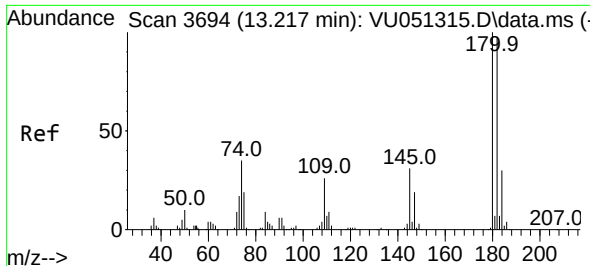


#67
1,2-Dichlorobenzene
Concen: 0.212 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08



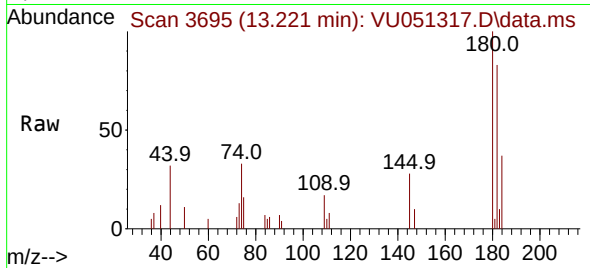
Tgt Ion:146 Resp: 5247
Ion Ratio Lower Upper
146 100
111 54.9 35.5 53.3#
148 64.1 50.9 76.3





#69
 1,3,5-Trichlorobenzene
 Concen: 0.224 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU051317.D
 Acq: 10 Oct 2022 11:08

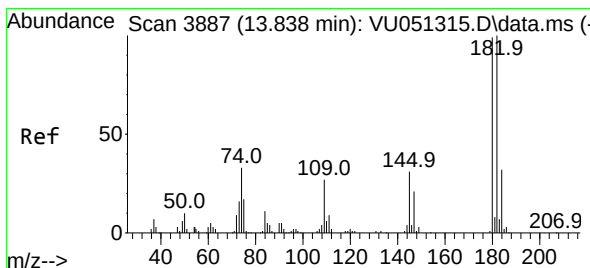
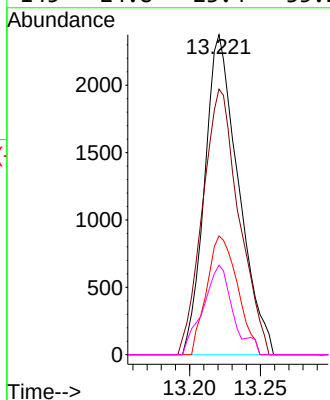
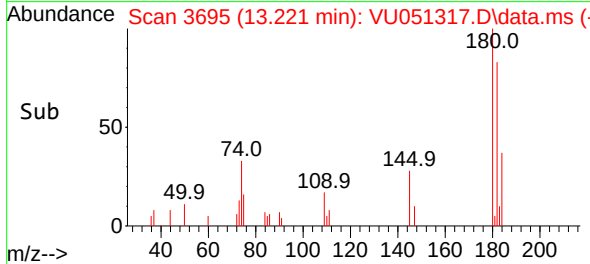
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2022-07



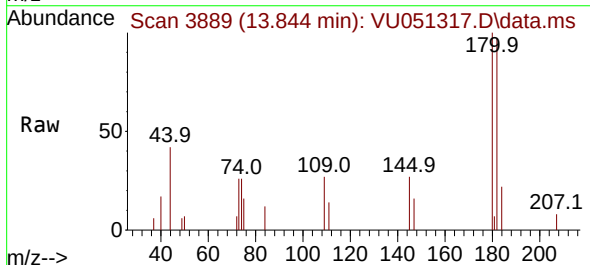
Tgt Ion:180 Resp: 3932
 Ion Ratio Lower Upper
 180 100
 182 89.2 77.7 116.5
 184 33.8 23.6 35.4
 145 24.8 23.4 35.2

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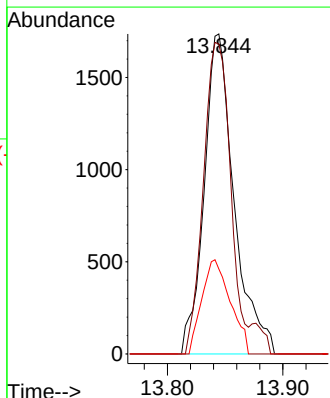
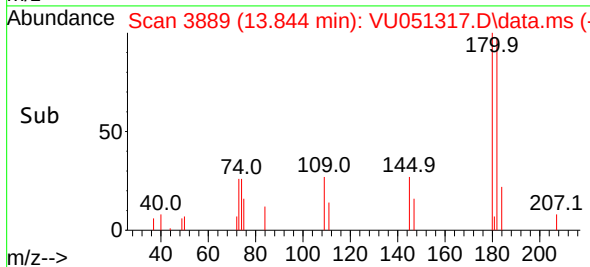
Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

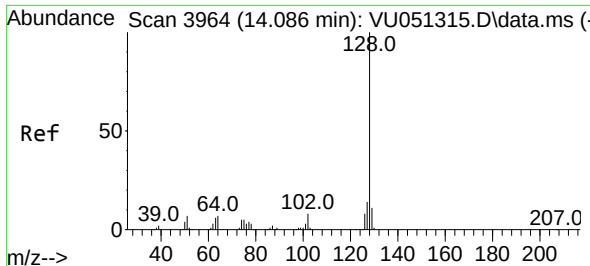


#70
 1,2,4-trichlorobenzene
 Concen: 0.251 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.006 min
 Lab File: VU051317.D
 Acq: 10 Oct 2022 11:08



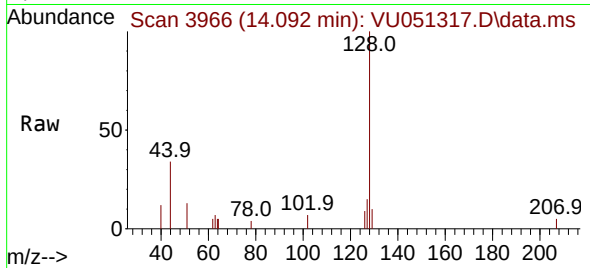
Tgt Ion:180 Resp: 3132
 Ion Ratio Lower Upper
 180 100
 182 87.5 78.7 118.1
 145 28.0 25.0 37.4





#71
Naphthalene
Concen: 0.191 ug/L
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

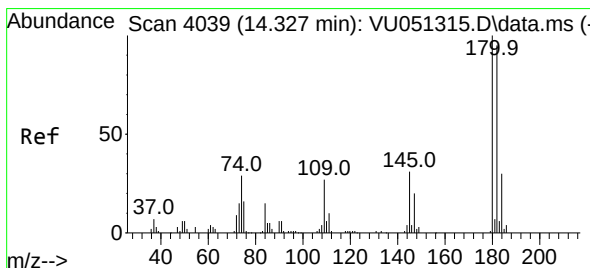
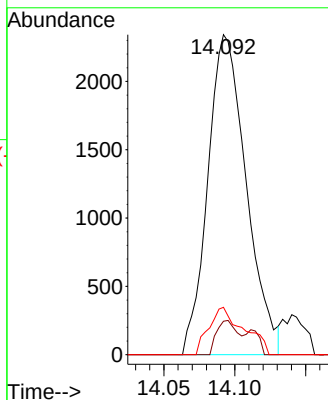
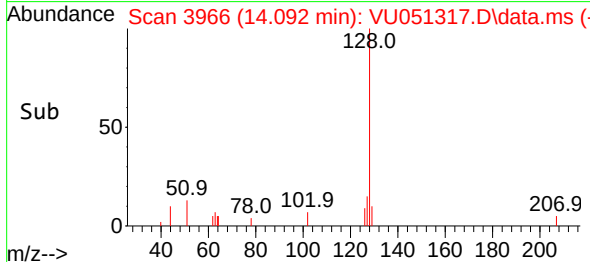
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion:128 Resp: 442
Ion Ratio Lower Upper
128 100
129 5.8 8.5 12.7
127 13.5 11.1 16.7

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Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.207 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051317.D
Acq: 10 Oct 2022 11:08

Tgt Ion:180 Resp: 2674
Ion Ratio Lower Upper
180 100
182 94.2 76.6 114.8
145 27.0 25.8 38.8

