

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053705.D
 Acq On : 14 Apr 2023 10:53
 Operator : JC/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 17 03:44:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	145691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50214	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.912	69	40204	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	18573	4.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.626	46	71177	31.000	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.000%
24) Chloroform-d	5.057	84	79014	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.700	65	36917	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.722	84	162092	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.687	67	48846	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.896	98	151136	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.176	79	17936	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.629	63	61782	33.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.980%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33219	3.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	50171	4.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3072	0.294	ug/L	95
3) Chloromethane	1.520	50	3178	0.302	ug/L	87
5) Vinyl chloride	1.604	62	3494	0.295	ug/L #	12
6) Bromomethane	1.858	94	1877	0.250	ug/L	79
8) Chloroethane	1.932	64	1839	0.267	ug/L	91
9) Trichlorofluoromethane	2.137	101	4836	0.270	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3589	0.395	ug/L #	82
12) 1,1-Dichloroethene	2.575	96	3629	0.440	ug/L #	1
14) Carbon disulfide	2.790	76	6977	0.288	ug/L #	94
15) Methyl Acetate	2.951	43	592m	0.185	ug/L	
16) Methylene chloride	3.044	84	4808	0.444	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	4657	0.233	ug/L #	92
18) trans-1,2-Dichloroethene	3.356	96	2229	0.260	ug/L	95
19) 1,1-Dichloroethane	3.867	63	4383	0.278	ug/L	98
21) 2-Butanone	4.719	43	4294	2.030	ug/L	84
22) cis-1,2-Dichloroethene	4.665	96	2311	0.200	ug/L	89
23) Bromochloromethane	4.983	128	1133m	0.277	ug/L	
27) 1,2-Dichloroethane	5.790	62	2510	0.247	ug/L #	91
29) 1,1,1-Trichloroethane	5.311	97	6378	0.478	ug/L	94

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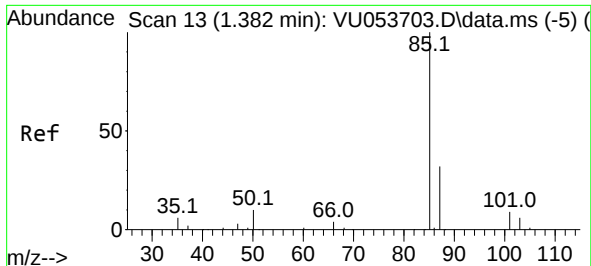
Quant Time: Apr 17 03:44:42 2023
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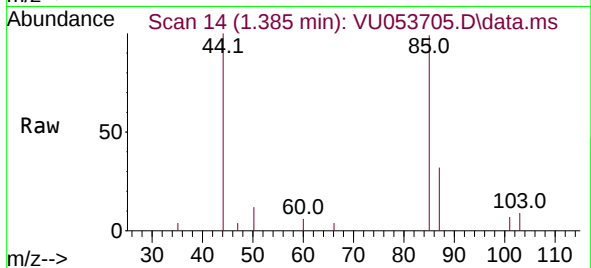
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.388	56	3338	0.235	ug/L	85
31) Carbon tetrachloride	5.520	117	3202	0.284	ug/L	97
33) Benzene	5.771	78	10075	0.278	ug/L	100
34) Trichloroethene	6.539	95	3200	0.332	ug/L	90
35) Methylcyclohexane	6.758	83	4062	0.246	ug/L	93
37) 1,2-Dichloropropane	6.790	63	2662	0.279	ug/L #	89
38) Bromodichloromethane	7.105	83	2733	0.258	ug/L #	97
39) cis-1,3-Dichloropropene	7.603	75	3502	0.248	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	10169	2.175	ug/L #	85
42) Toluene	7.967	91	9877	0.250	ug/L	89
44) trans-1,3-Dichloropropene	8.208	75	2614m	0.228	ug/L	
45) 1,1,2-Trichloroethane	8.404	97	1879	0.277	ug/L	94
47) Tetrachloroethene	8.549	164	2658	0.375	ug/L	96
48) 2-Hexanone	8.687	43	8581m	2.482	ug/L	
49) Dibromochloromethane	8.806	129	1949	0.291	ug/L	83
50) 1,2-Dibromoethane	8.922	107	1966	0.300	ug/L #	80
51) Chlorobenzene	9.443	112	7544	0.303	ug/L	98
52) Ethylbenzene	9.568	91	10281	0.239	ug/L	96
53) m,p-Xylene	9.690	106	3884	0.236	ug/L	99
54) o-Xylene	10.098	106	3679	0.236	ug/L	85
55) Styrene	10.115	104	6202	0.242	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.777	83	1906	0.223	ug/L #	71
60) Isopropylbenzene	10.481	105	9623	0.241	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	1289	0.236	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	7598	0.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	7338m	0.221	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	5030	0.286	ug/L	97
65) 1,4-Dichlorobenzene	11.831	146	6109	0.346	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	4782	0.287	ug/L	87
68) 1,2-Dibromo-3-chloropr...	13.002	75	230	0.218	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.220	180	3049	0.249	ug/L #	87
70) 1,2,4-trichlorobenzene	13.841	180	3335	0.342	ug/L	87

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



#2
Dichlorodifluoromethane
Concen: 0.294 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

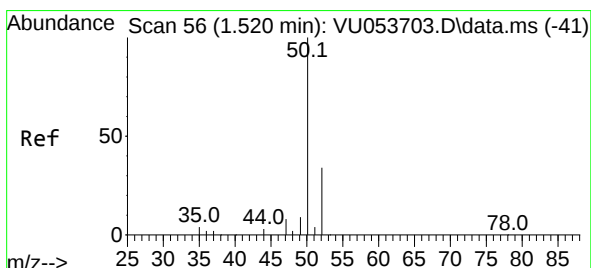
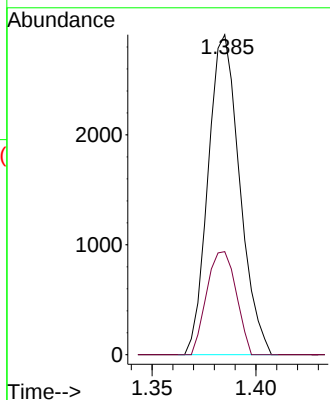
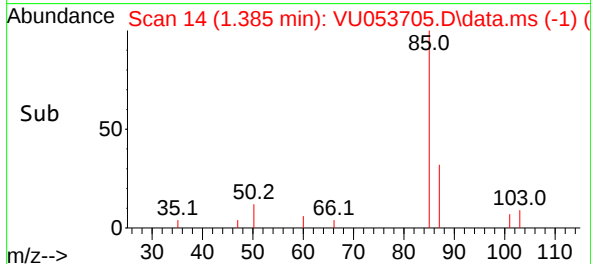
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



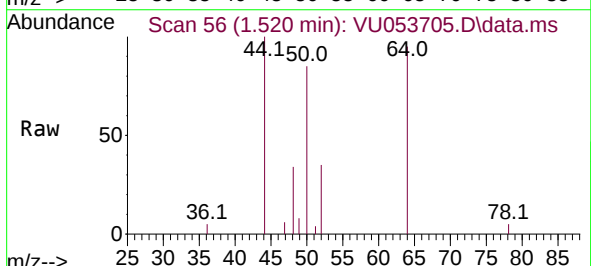
Tgt Ion: 85 Resp: 3072
Ion Ratio Lower Upper
85 100
87 30.0 26.1 39.1

Manual Integrations
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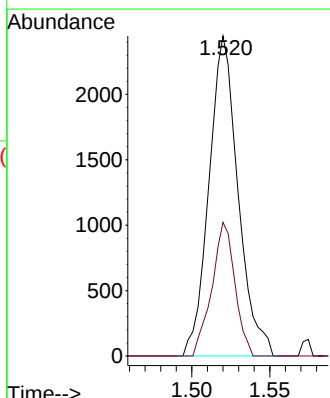
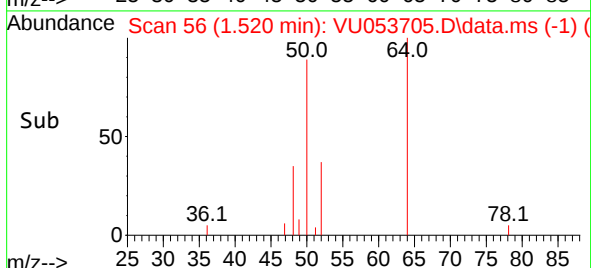
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

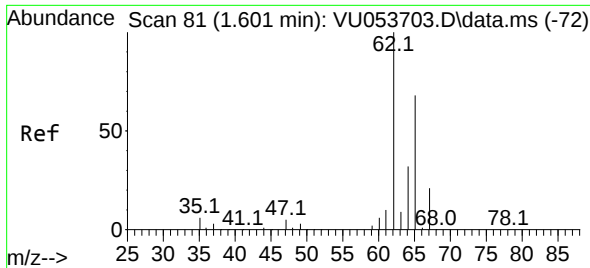


#3
Chloromethane
Concen: 0.302 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion: 50 Resp: 3178
Ion Ratio Lower Upper
50 100
52 41.8 23.9 44.3





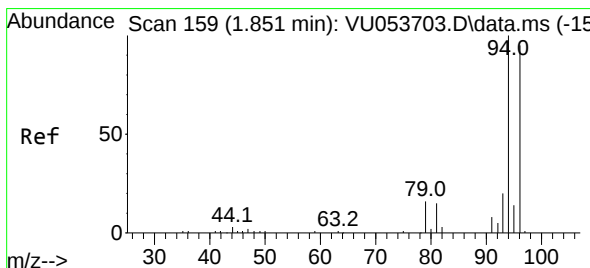
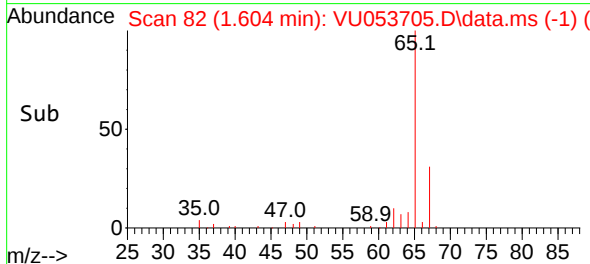
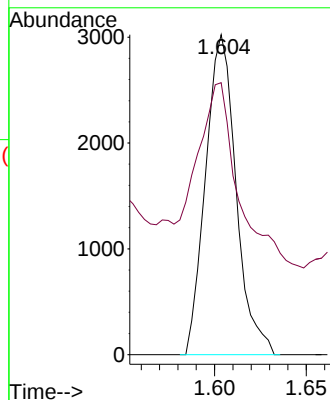
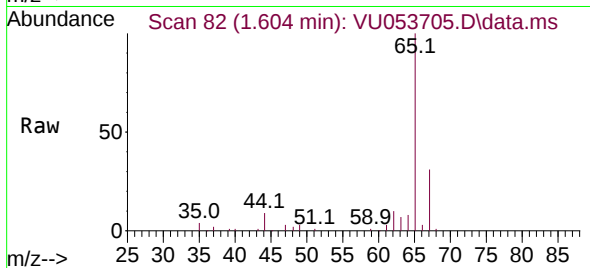
#5
 Vinyl chloride
 Concen: 0.295 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU053705.D
 Acq: 14 Apr 2023 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Tgt Ion: 62 Resp: 3494
 Ion Ratio Lower Upper
 62 100
 64 85.0 24.1 44.7

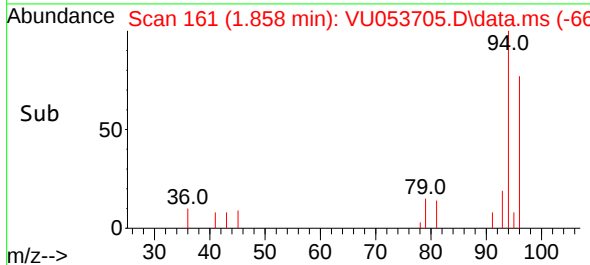
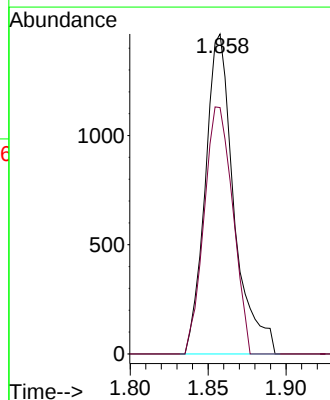
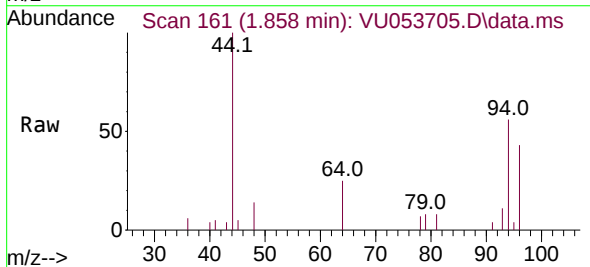
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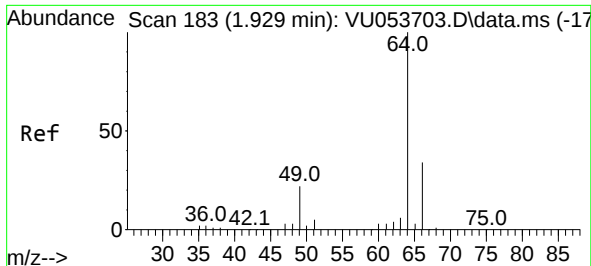
Reviewed By :Krupa Patel 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#6
 Bromomethane
 Concen: 0.250 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.006 min
 Lab File: VU053705.D
 Acq: 14 Apr 2023 10:53

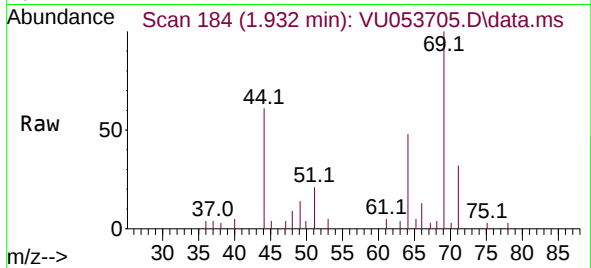
Tgt Ion: 94 Resp: 1877
 Ion Ratio Lower Upper
 94 100
 96 77.0 68.3 126.8





#8
Chloroethane
Concen: 0.267 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

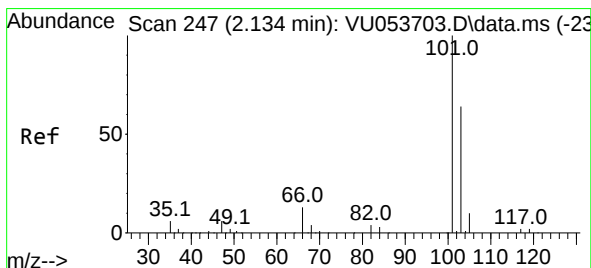
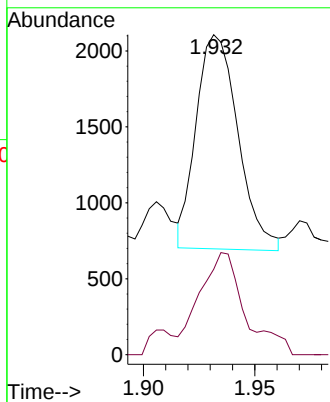
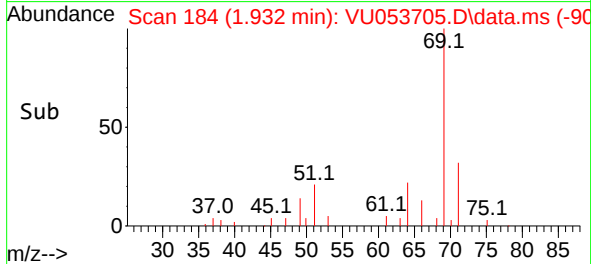
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 64 Resp: 1839
Ion Ratio Lower Upper
64 100
66 26.7 22.3 41.5

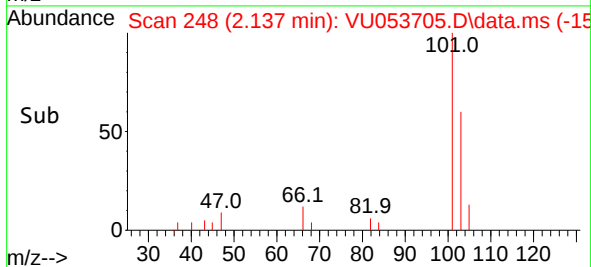
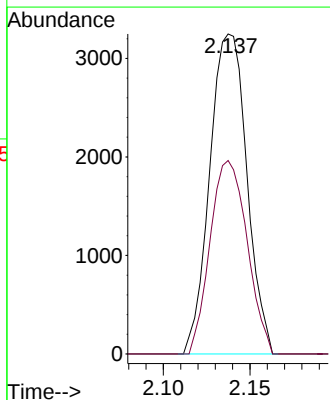
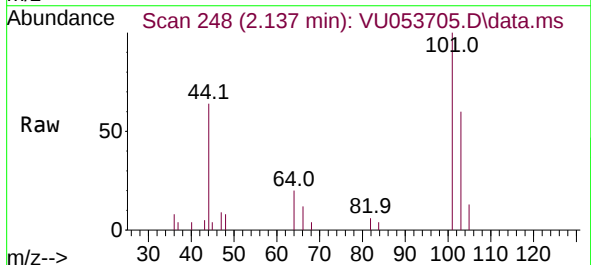
Manual Integrations
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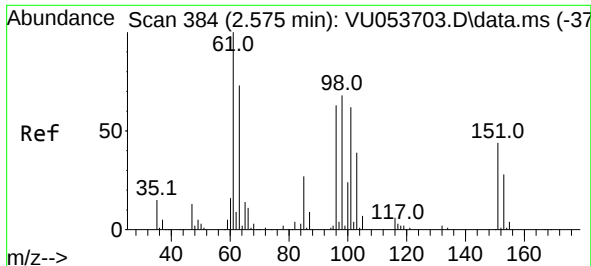
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#9
Trichlorofluoromethane
Concen: 0.270 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:101 Resp: 4836
Ion Ratio Lower Upper
101 100
103 60.2 50.2 75.2





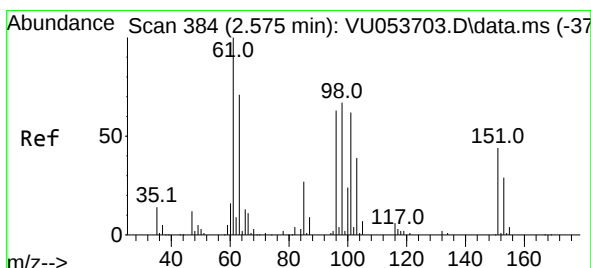
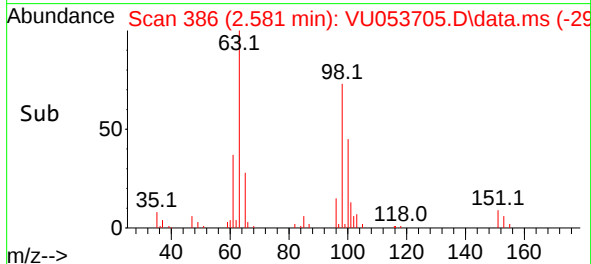
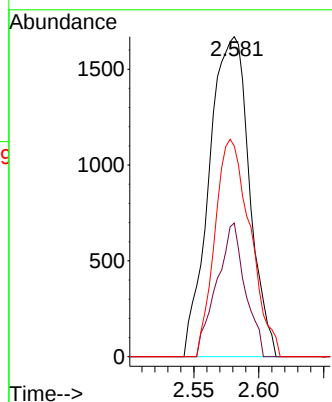
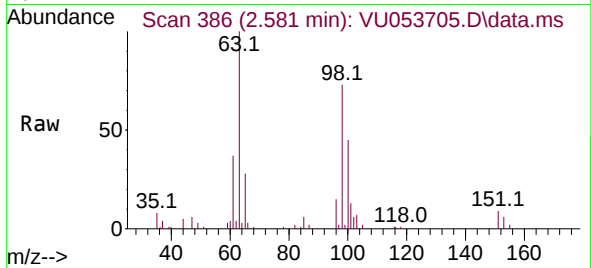
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.395 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 101 Resp: 3589
Ion Ratio Lower Upper
101 100
85 29.5 37.0 55.4#
151 60.0 56.8 85.2

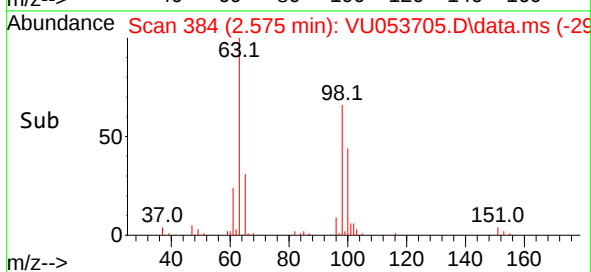
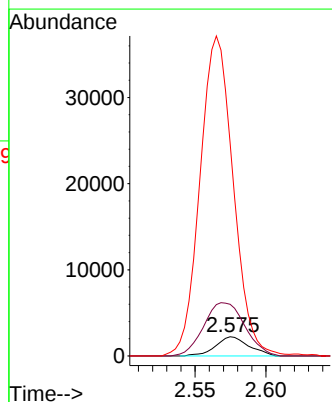
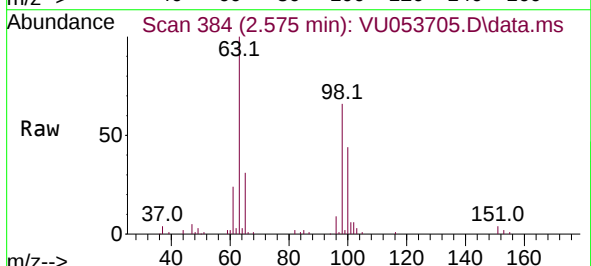
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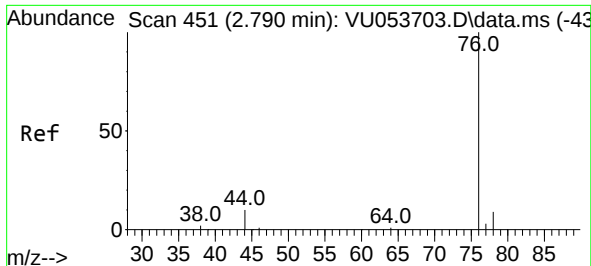
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#12
1,1-Dichloroethene
Concen: 0.440 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

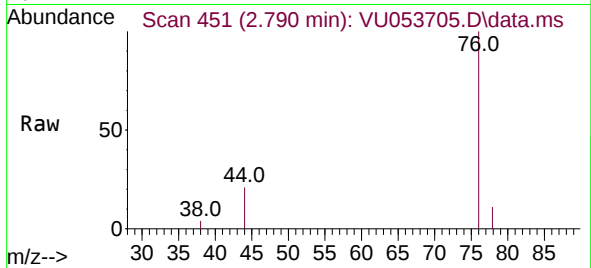
Tgt Ion: 96 Resp: 3629
Ion Ratio Lower Upper
96 100
61 268.9 116.8 216.8#
63 1109.4 88.6 164.6#





#14
Carbon disulfide
Concen: 0.288 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

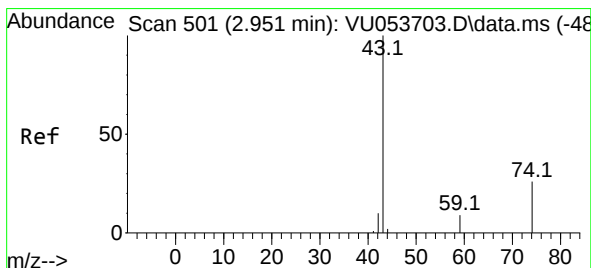
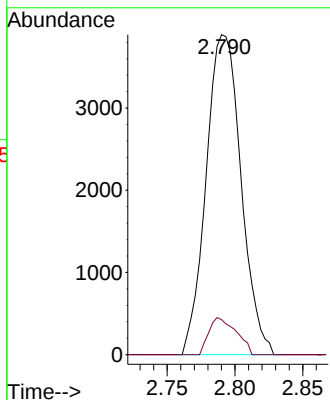
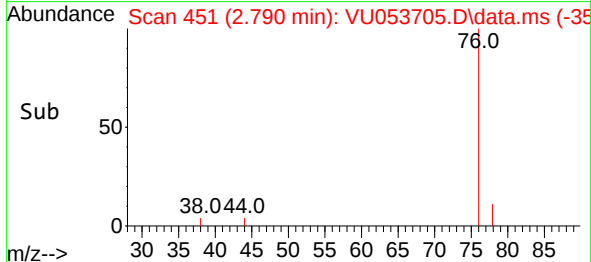
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



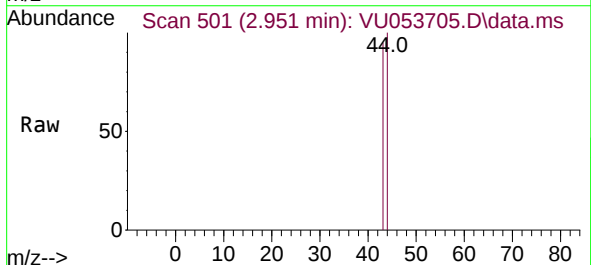
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Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.4

Manual Integrations
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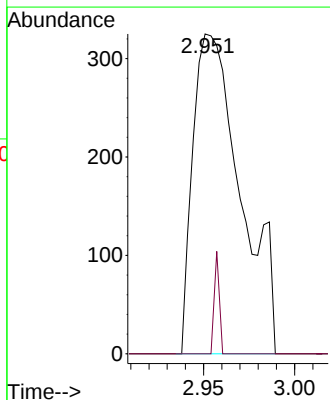
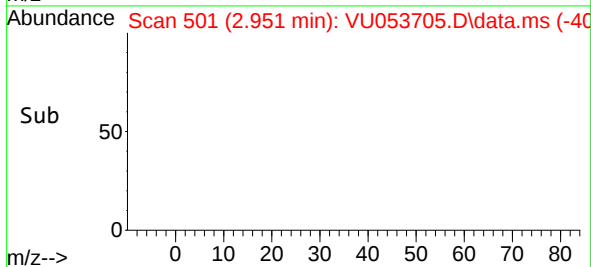
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

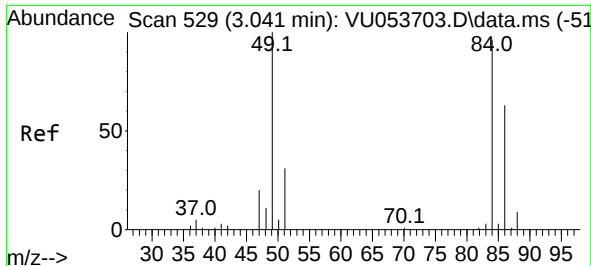


#15
Methyl Acetate
Concen: 0.185 ug/L m
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



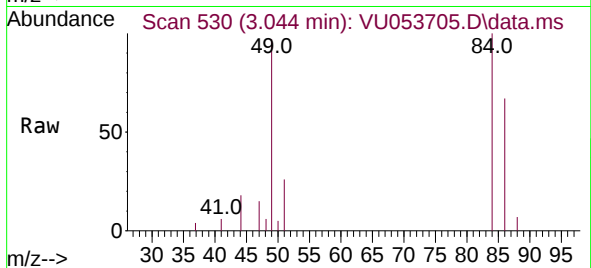
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
74 3.4 20.8 31.2





#16
Methylene chloride
Concen: 0.444 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

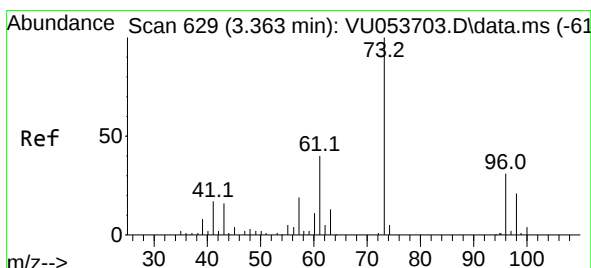
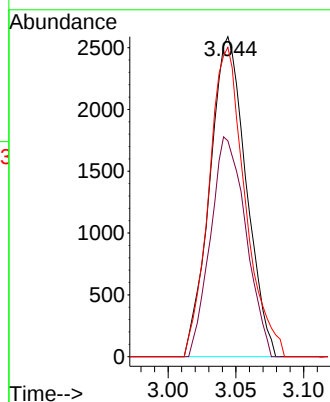
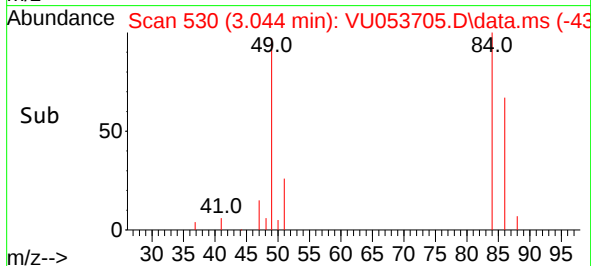
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 84 Resp: 4808
Ion Ratio Lower Upper
84 100
86 67.4 44.7 83.1
49 96.6 75.5 140.1

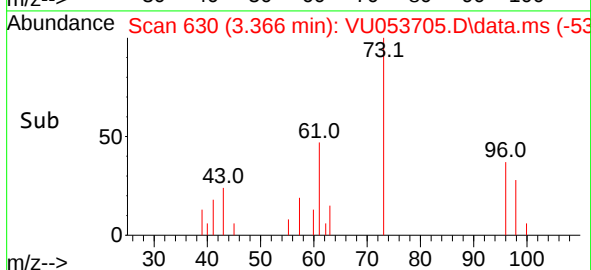
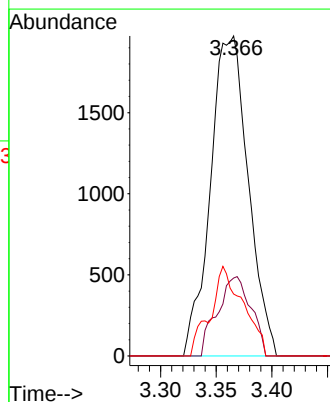
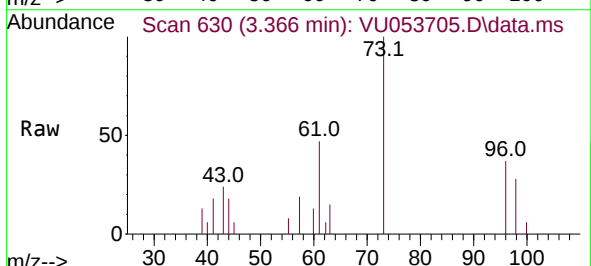
Manual Integrations
APPROVED

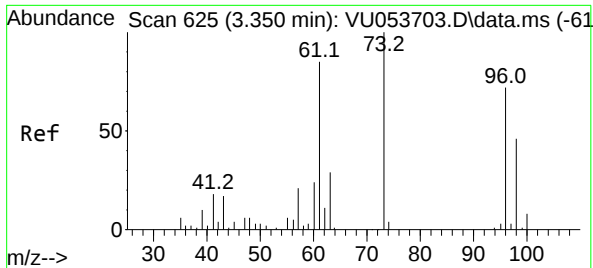
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

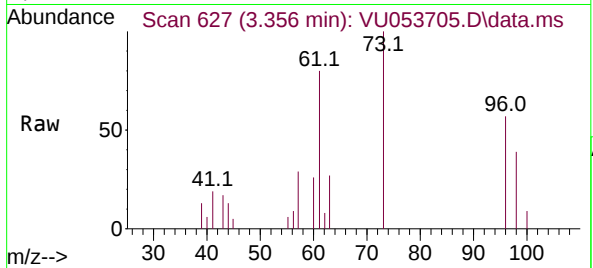
Tgt Ion: 73 Resp: 4657
Ion Ratio Lower Upper
73 100
43 22.0 13.9 20.9#
57 24.4 17.0 25.6





#18
trans-1,2-Dichloroethene
Concen: 0.260 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

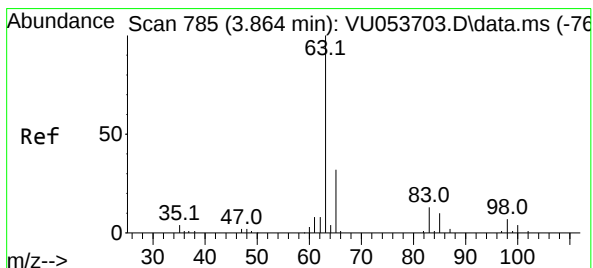
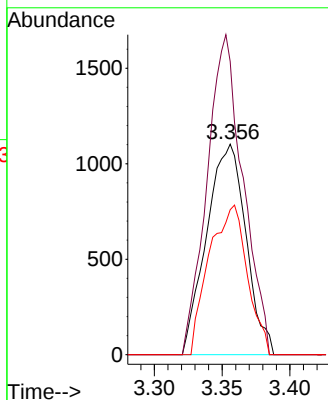
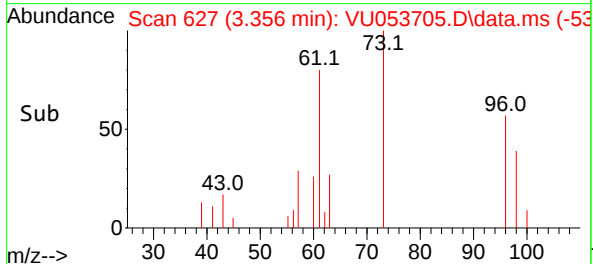
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



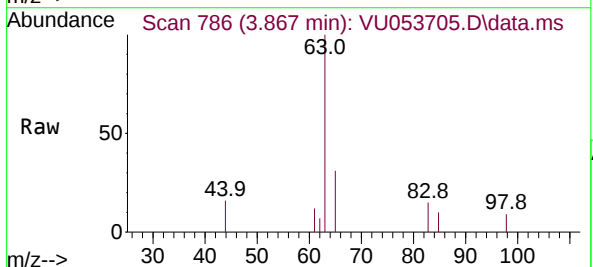
Tgt Ion: 96 Resp: 2229
Ion Ratio Lower Upper
96 100
61 139.2 95.5 177.3
98 68.8 42.2 78.4

Manual Integrations
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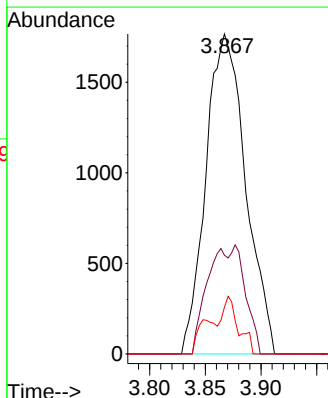
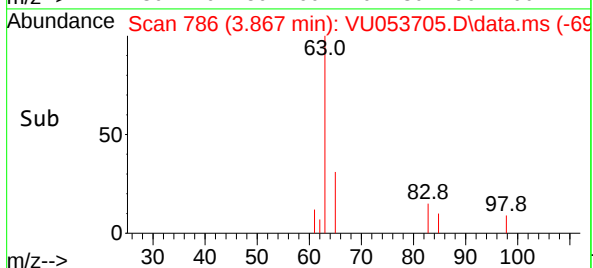
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

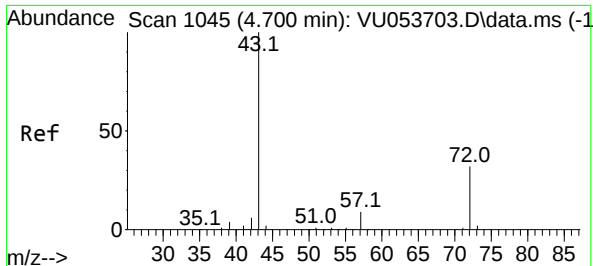


#19
1,1-Dichloroethane
Concen: 0.278 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion: 63 Resp: 4383
Ion Ratio Lower Upper
63 100
65 30.8 21.7 40.3
83 14.6 8.1 15.1





#21

2-Butanone

Concen: 2.030 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

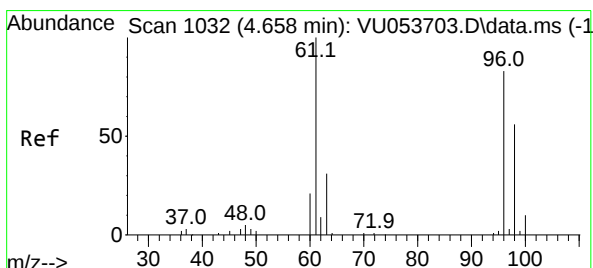
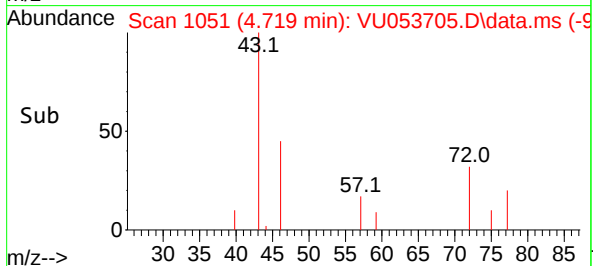
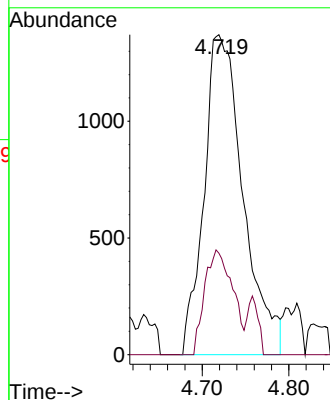
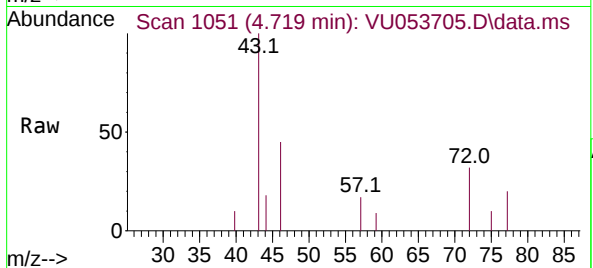
ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 43 Resp: 4294
 Ion Ratio Lower Upper
 43 100
 72 23.5 16.2 48.6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#22

cis-1,2-Dichloroethene

Concen: 0.200 ug/L

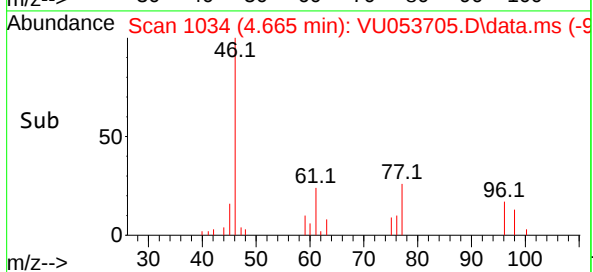
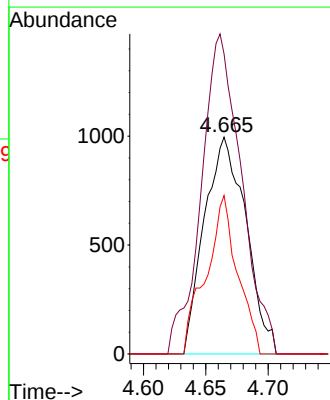
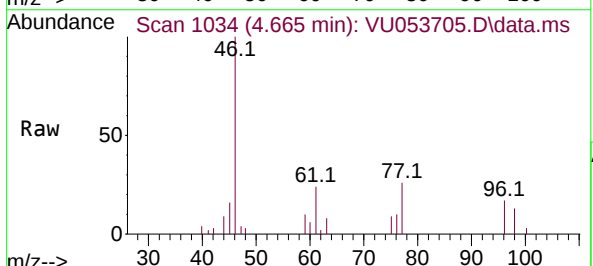
RT: 4.665 min Scan# 1034

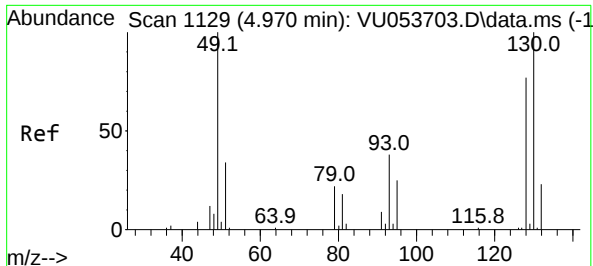
Delta R.T. 0.006 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

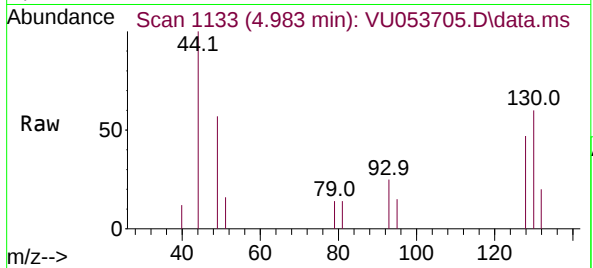
Tgt Ion: 96 Resp: 2311
 Ion Ratio Lower Upper
 96 100
 61 138.5 86.6 160.8
 98 73.1 47.7 88.5





#23
Bromochloromethane
Concen: 0.277 ug/L m
RT: 4.983 min Scan# 1133
Delta R.T. 0.013 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

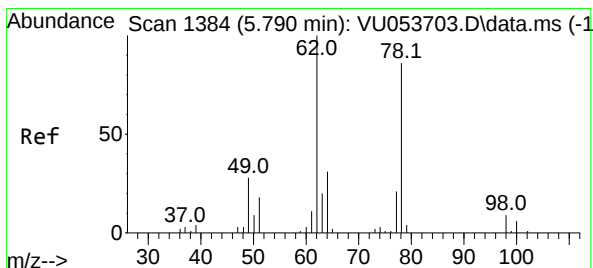
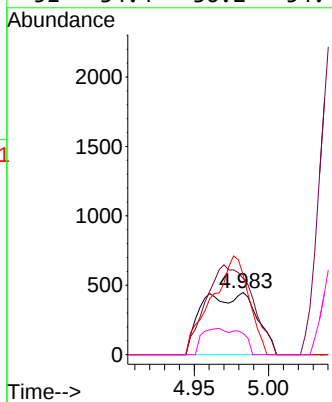
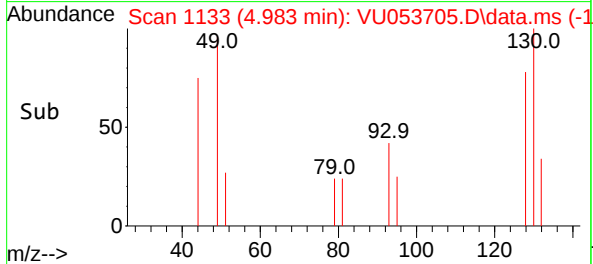
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 128 Resp: 1133
Ion Ratio Lower Upper
128 100
49 122.5 102.8 190.8
130 128.1 85.1 158.1
51 34.4 36.2 54.4#

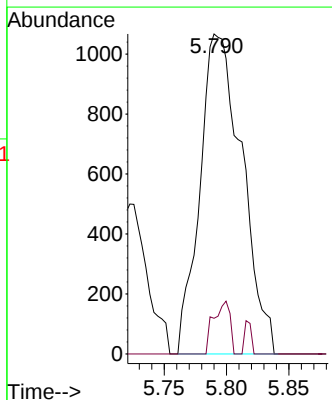
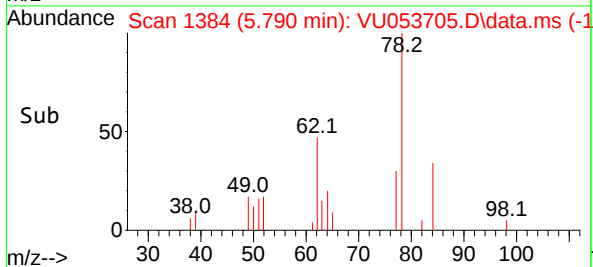
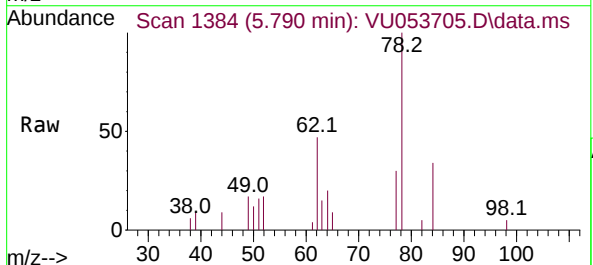
Manual Integrations
APPROVED

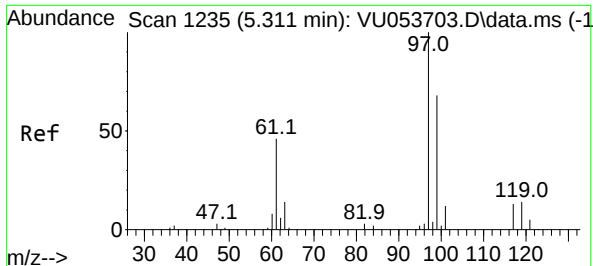
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#27
1,2-Dichloroethane
Concen: 0.247 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

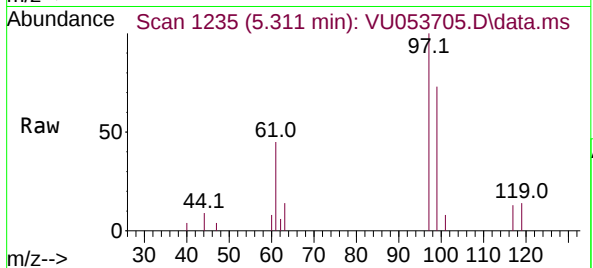
Tgt Ion: 62 Resp: 2510
Ion Ratio Lower Upper
62 100
98 11.2 6.4 9.6#





#29
1,1,1-Trichloroethane
Concen: 0.478 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

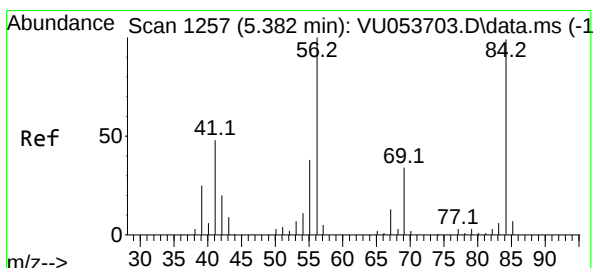
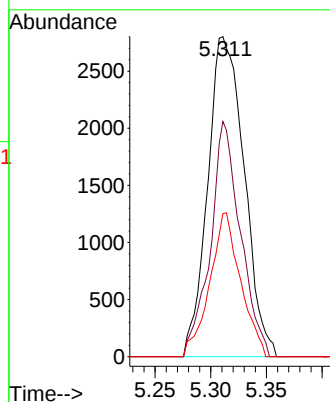
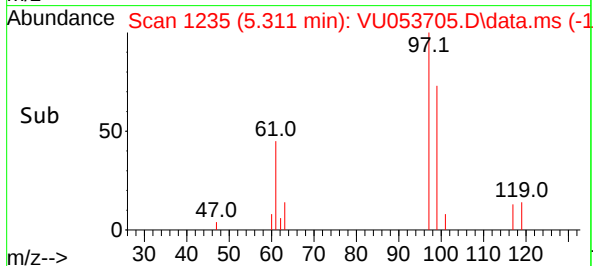
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



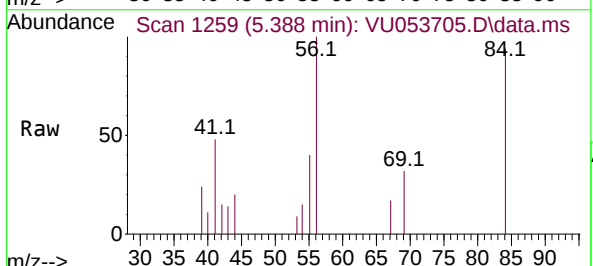
Tgt Ion: 97 Resp: 6378
Ion Ratio Lower Upper
97 100
99 60.5 49.9 74.9
61 38.0 35.7 53.5

Manual Integrations
APPROVED

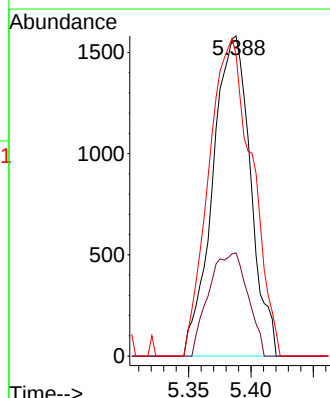
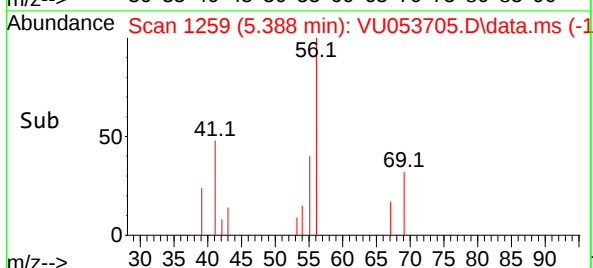
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

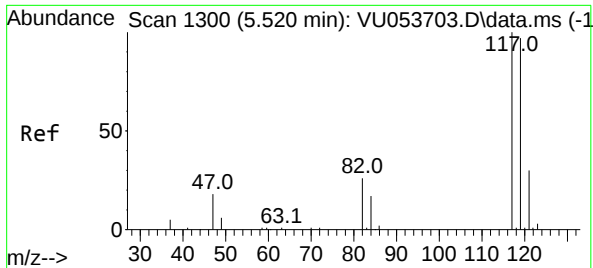


#30
Cyclohexane
Concen: 0.235 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion: 56 Resp: 3338
Ion Ratio Lower Upper
56 100
69 33.1 26.1 39.1
84 113.3 75.6 113.4





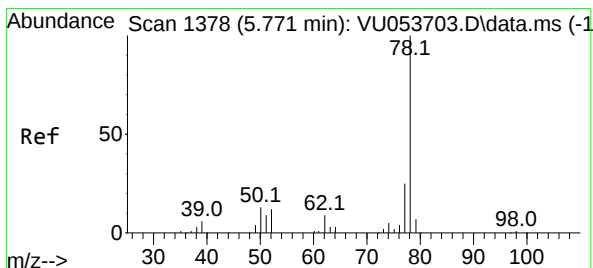
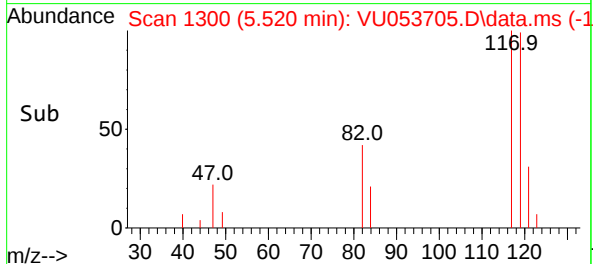
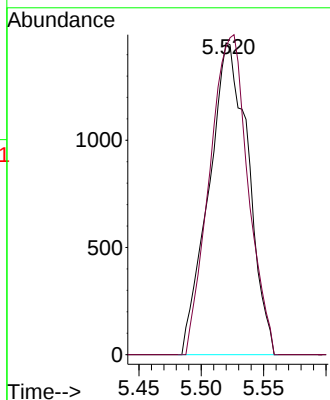
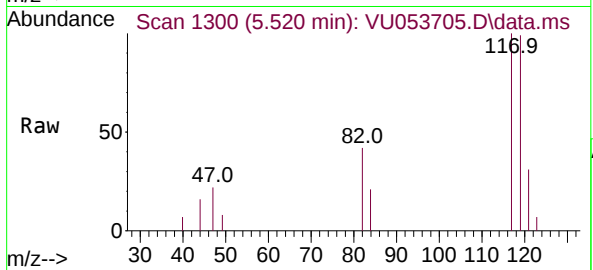
#31
Carbon tetrachloride
Concen: 0.284 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:117 Resp: 320
Ion Ratio Lower Upper
117 100
119 99.8 77.7 116.5

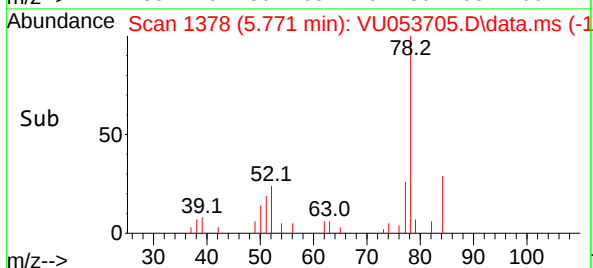
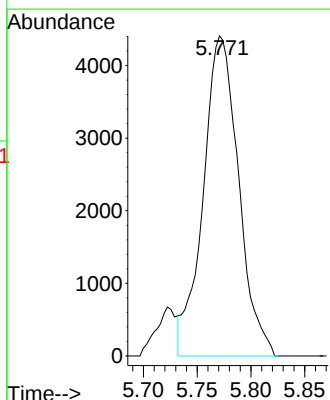
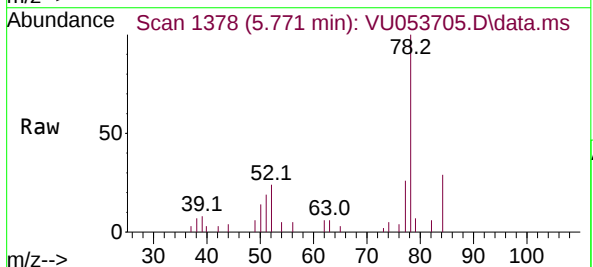
Manual Integrations
APPROVED

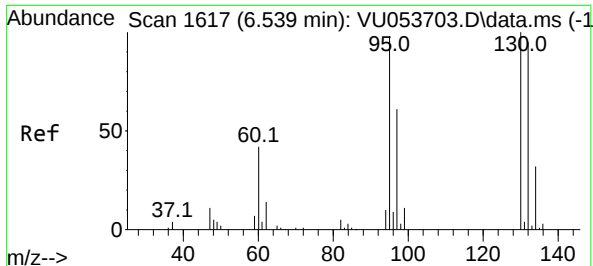
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#33
Benzene
Concen: 0.278 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

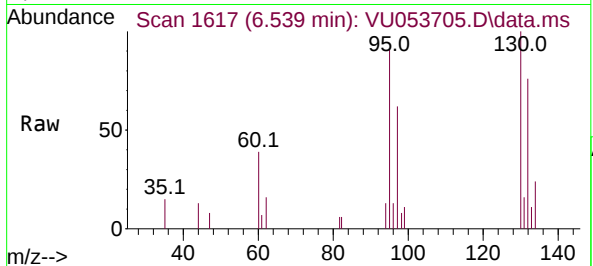
Tgt Ion: 78 Resp: 10075





#34
Trichloroethene
Concen: 0.332 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

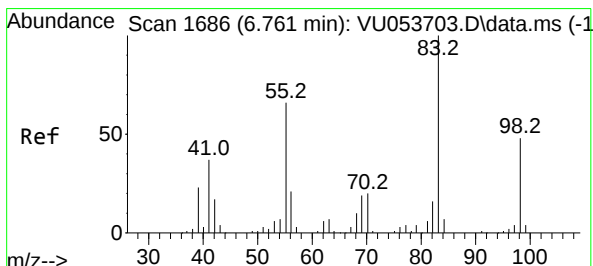
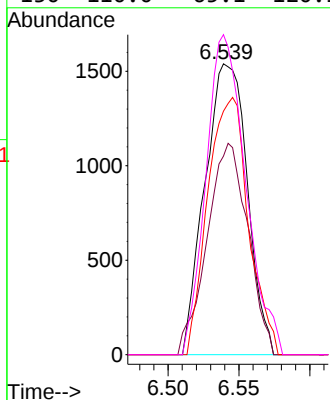
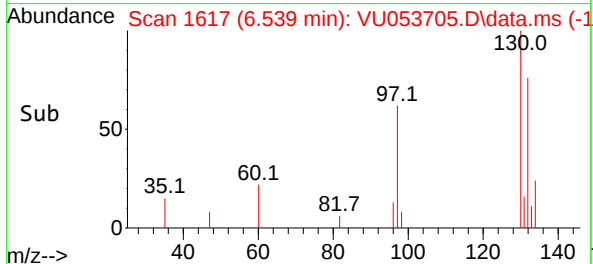
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



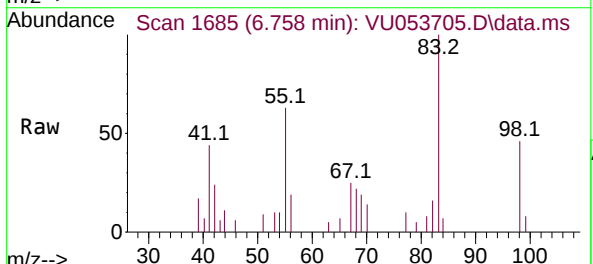
Tgt Ion: 95 Resp: 3200
Ion Ratio Lower Upper
95 100
97 68.2 45.3 84.1
132 83.7 62.8 116.6
130 110.0 65.1 120.9

Manual Integrations
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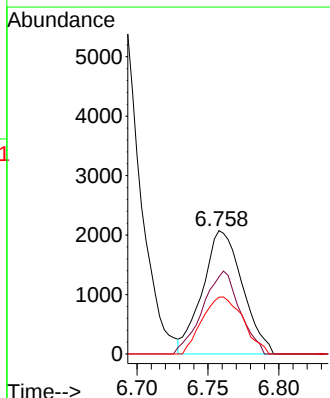
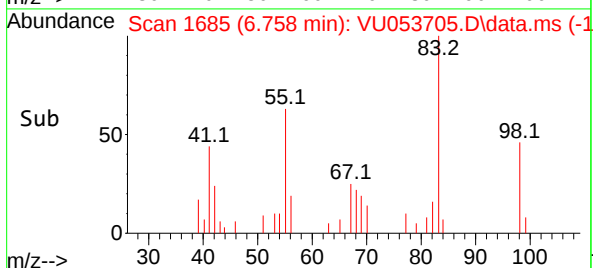
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

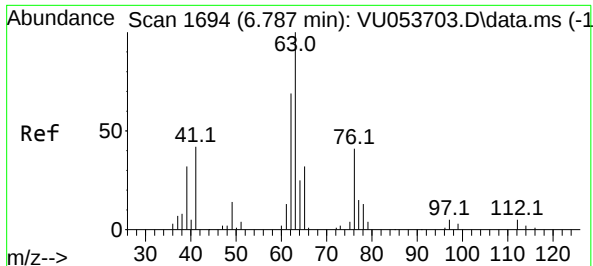


#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion: 83 Resp: 4062
Ion Ratio Lower Upper
83 100
55 62.2 54.9 82.3
98 47.3 34.9 52.3





#37

1,2-Dichloropropane

Concen: 0.279 ug/L

RT: 6.790 min Scan# 1694

Delta R.T. 0.003 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

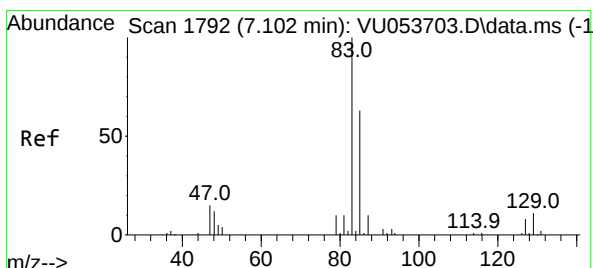
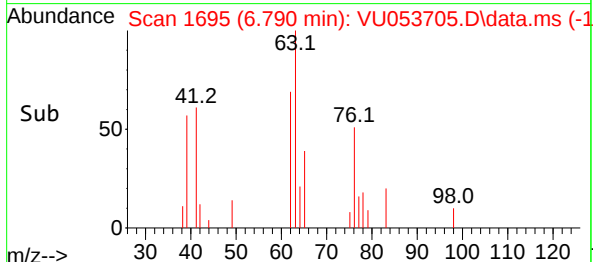
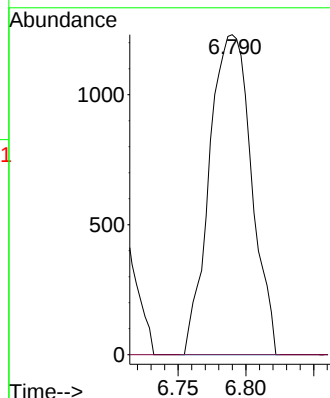
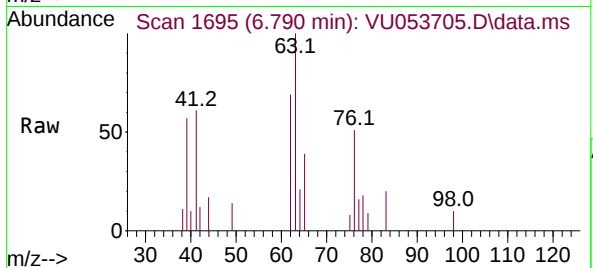
Tgt Ion: 63 Resp: 2662
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4

Manual Integrations

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Reviewed By :Krupa Patel 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#38

Bromodichloromethane

Concen: 0.258 ug/L

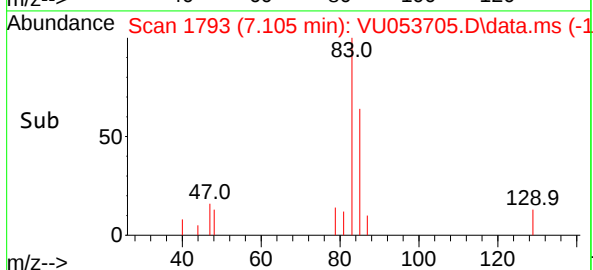
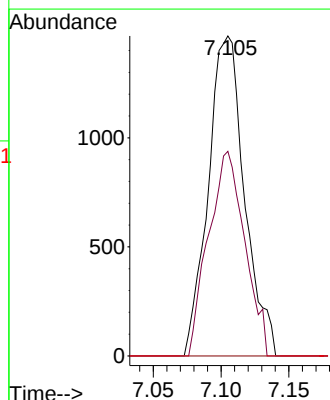
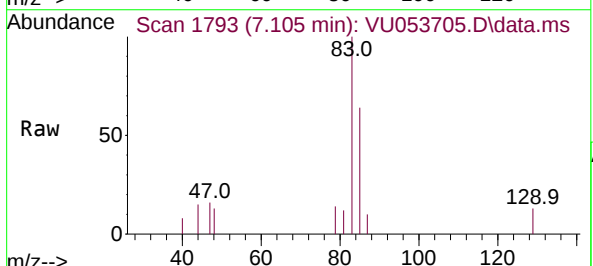
RT: 7.105 min Scan# 1793

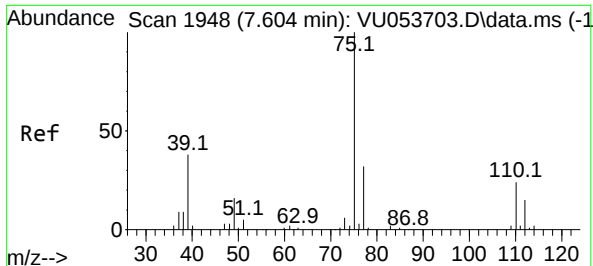
Delta R.T. 0.003 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Tgt Ion: 83 Resp: 2733
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.0 81.8
 127 0.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 0.248 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 75 Resp: 350

Ion Ratio Lower Upper

75 100

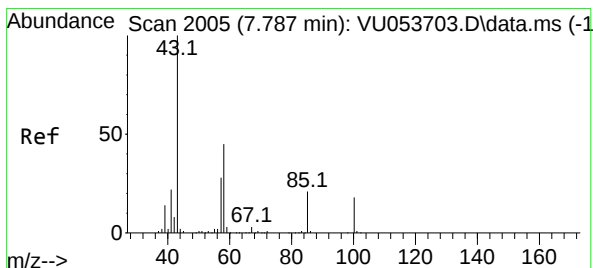
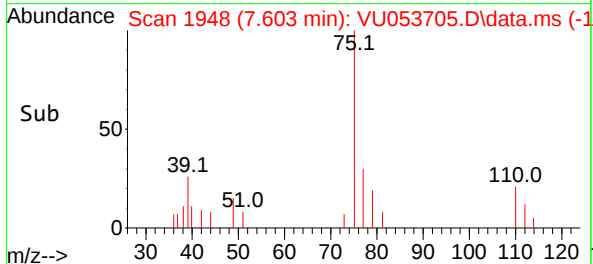
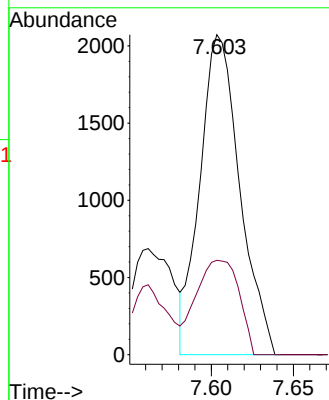
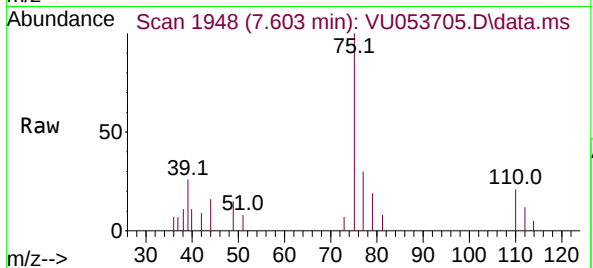
77 29.5 21.1 39.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

4-Methyl-2-pentanone

Concen: 2.175 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU053705.D

Acq: 14 Apr 2023 10:53

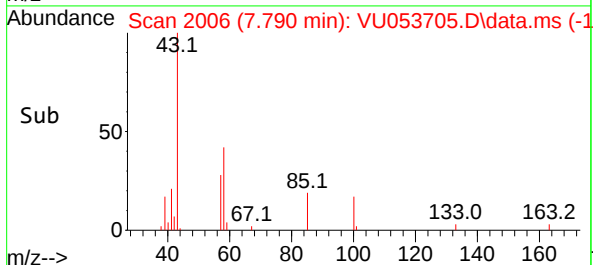
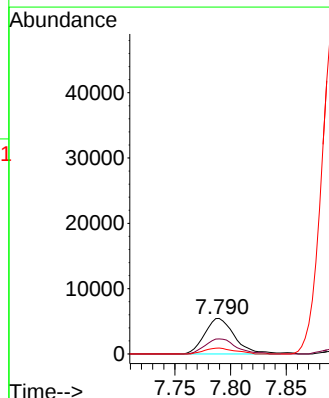
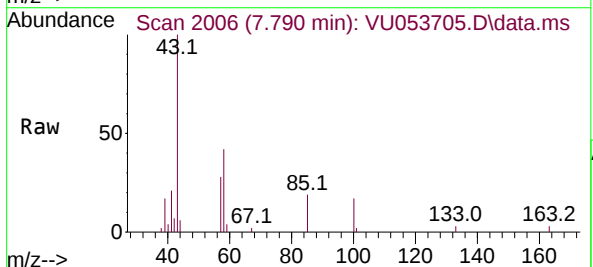
Tgt Ion: 43 Resp: 10169

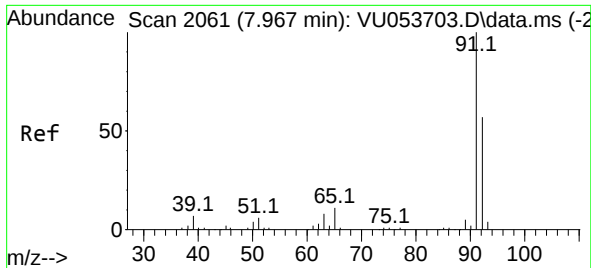
Ion Ratio Lower Upper

43 100

58 43.1 37.4 56.0

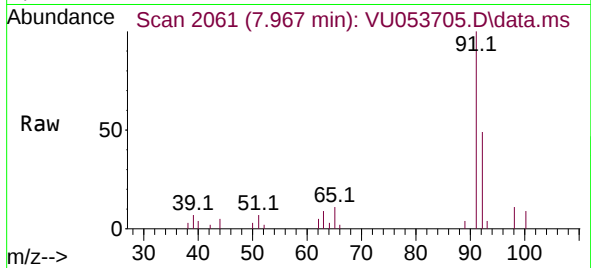
100 0.0 14.0 21.0#





#42
Toluene
Concen: 0.250 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

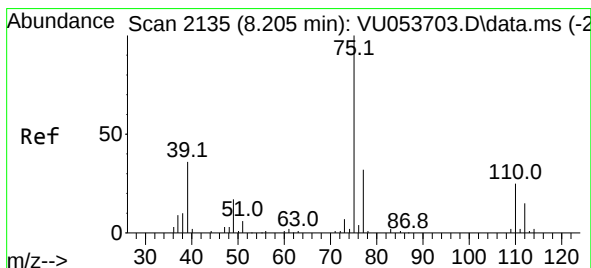
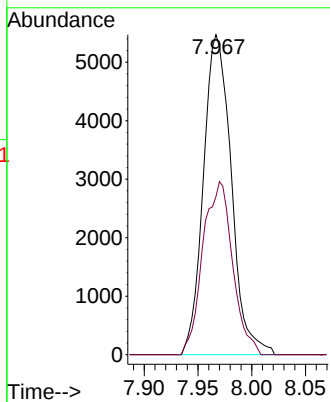
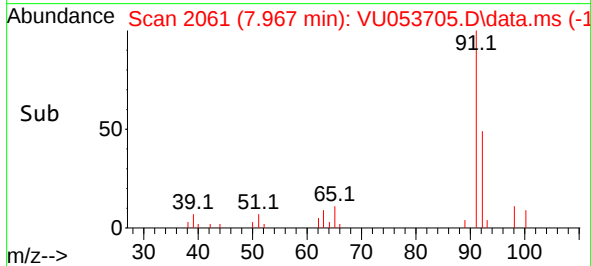
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



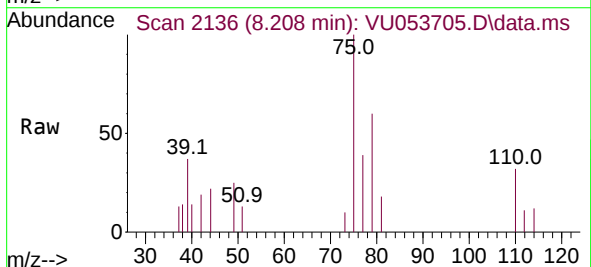
Tgt Ion: 91 Resp: 987
Ion Ratio Lower Upper
91 100
92 49.4 40.4 75.0

Manual Integrations
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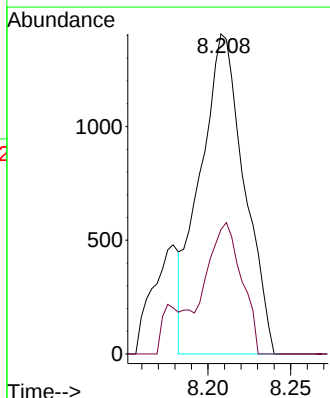
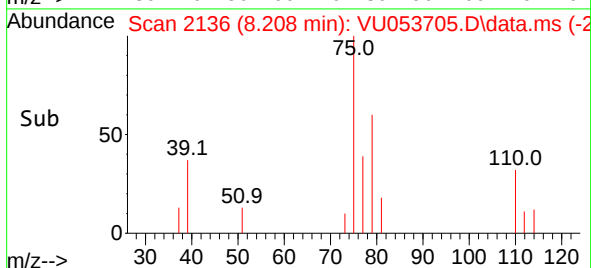
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

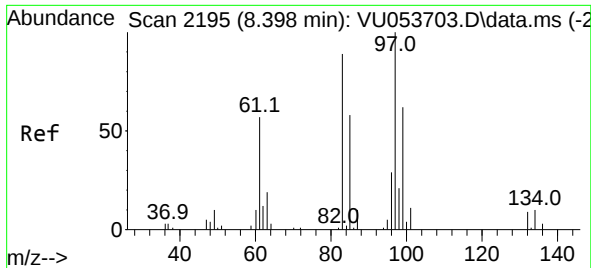


#44
trans-1,3-Dichloropropene
Concen: 0.228 ug/L m
RT: 8.208 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



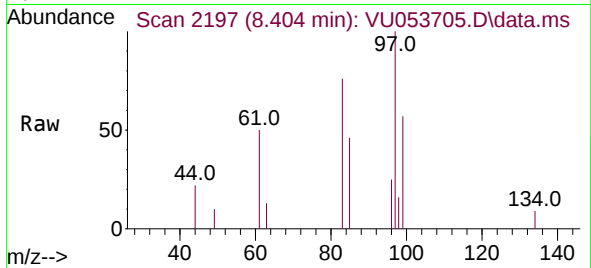
Tgt Ion: 75 Resp: 2614
Ion Ratio Lower Upper
75 100
77 38.9 22.0 40.8





#45
1,1,2-Trichloroethane
Concen: 0.277 ug/L
RT: 8.404 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

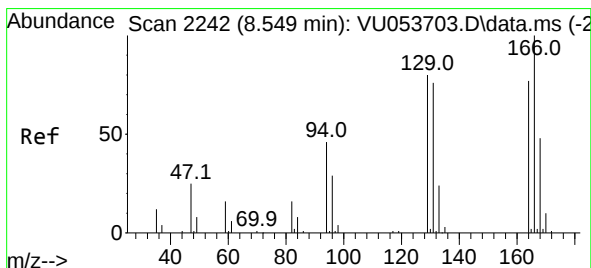
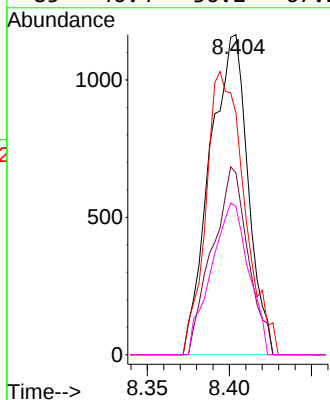
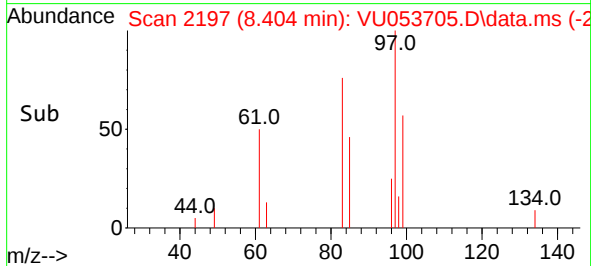


Tgt Ion: 97 Resp: 1879

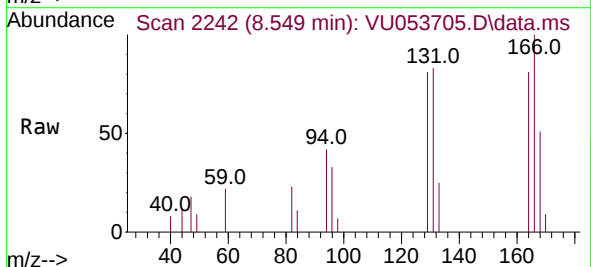
Ion	Ratio	Lower	Upper
97	100		
99	56.8	38.9	72.2
83	75.5	57.6	107.0
85	46.4	36.2	67.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

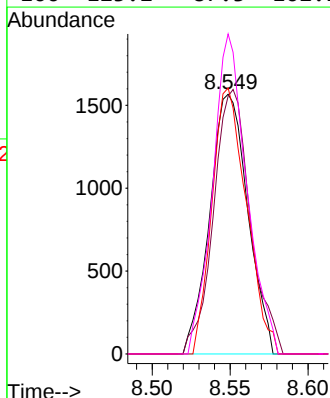
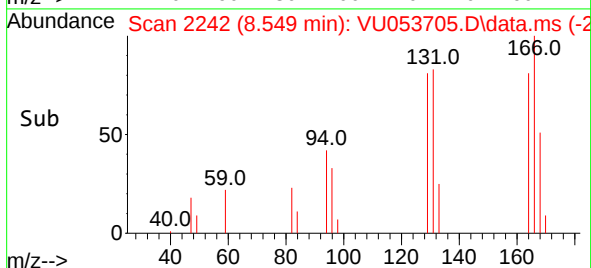


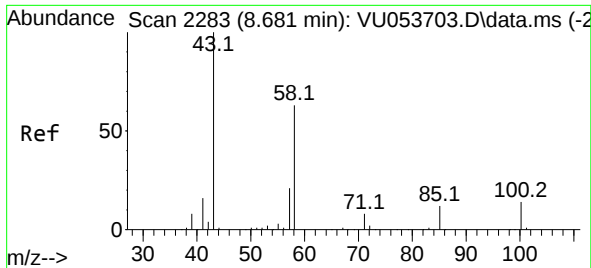
#47
Tetrachloroethene
Concen: 0.375 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion:164 Resp: 2658

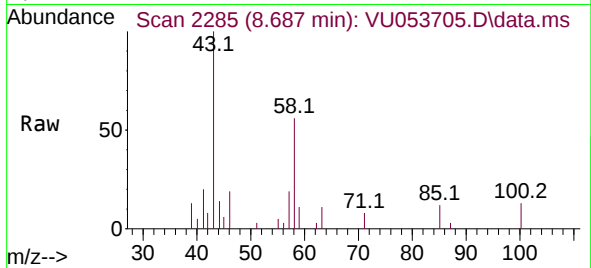
Ion	Ratio	Lower	Upper
164	100		
129	99.2	74.8	138.8
131	102.4	70.1	130.1
166	123.2	87.3	162.1





#48
2-Hexanone
Concen: 2.482 ug/L m
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

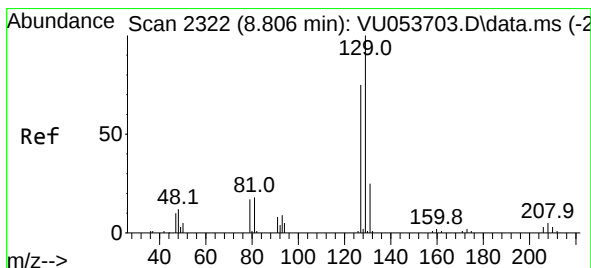
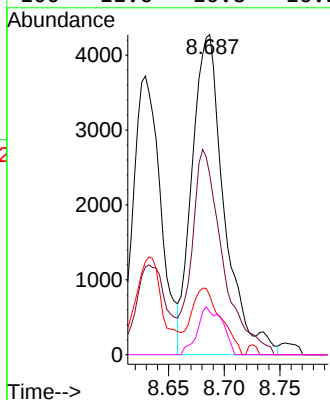
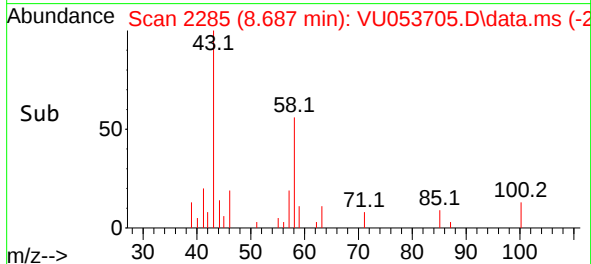
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 61.5 52.8 79.2
57 19.3 17.1 25.7
100 11.6 10.8 16.2

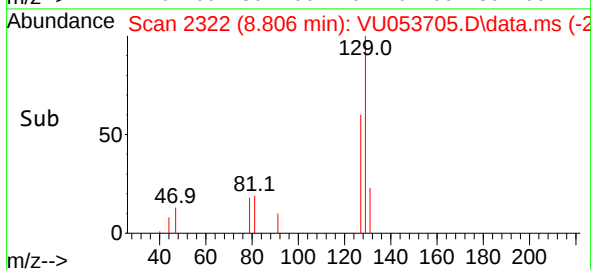
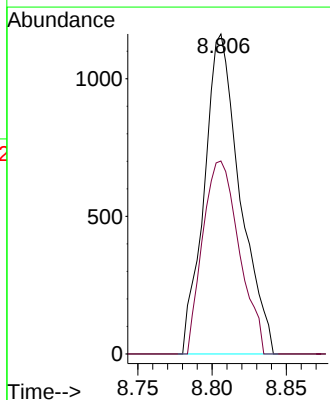
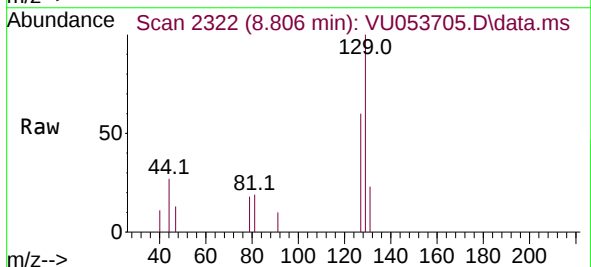
Manual Integrations
APPROVED

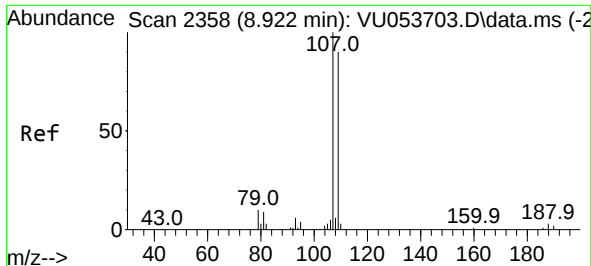
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#49
Dibromochloromethane
Concen: 0.291 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

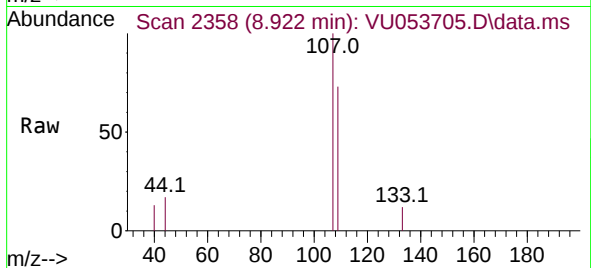
Tgt Ion:129 Resp: 1949
Ion Ratio Lower Upper
129 100
127 60.3 52.2 97.0





#50
1,2-Dibromoethane
Concen: 0.300 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

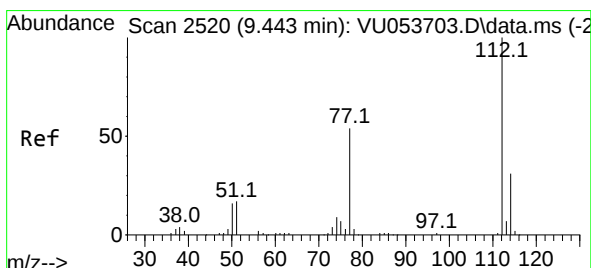
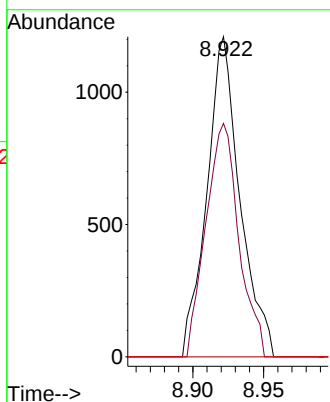
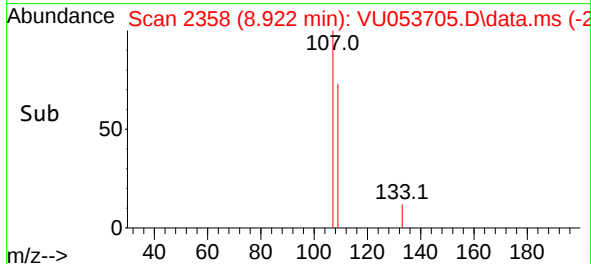
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03



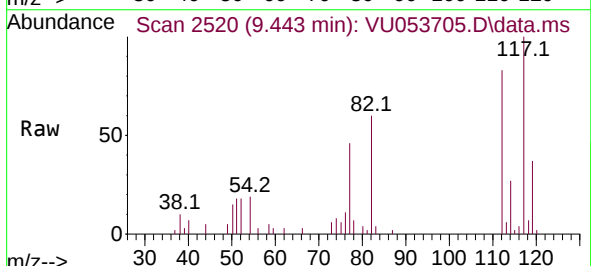
Tgt Ion:107 Resp: 1960
Ion Ratio Lower Upper
107 100
109 72.9 64.7 120.1
188 0.0 3.0 4.6

Manual Integrations
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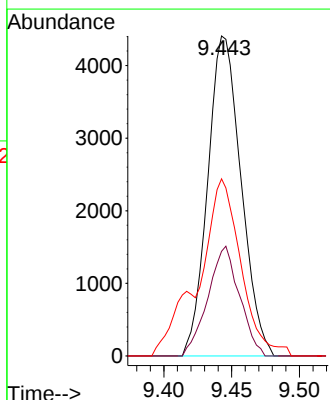
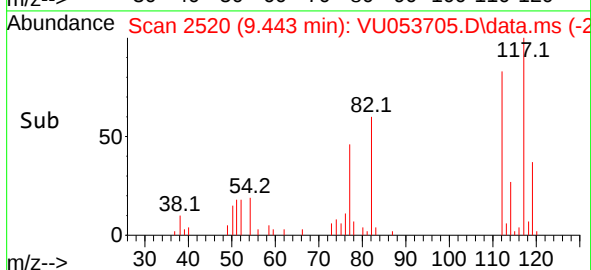
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

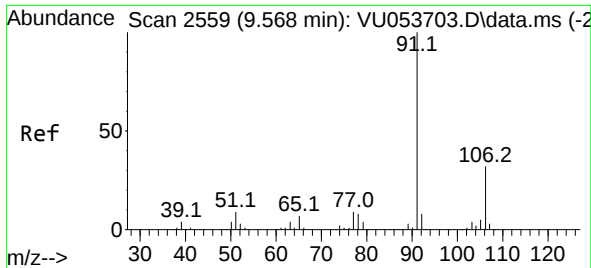


#51
Chlorobenzene
Concen: 0.303 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion:112 Resp: 7544
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 55.4 45.8 68.6





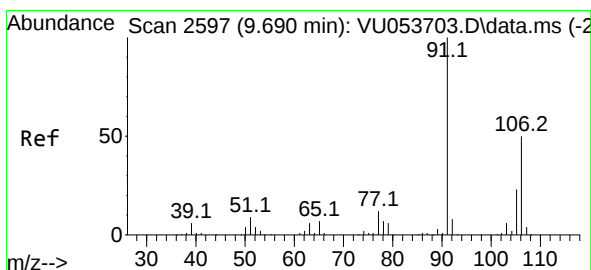
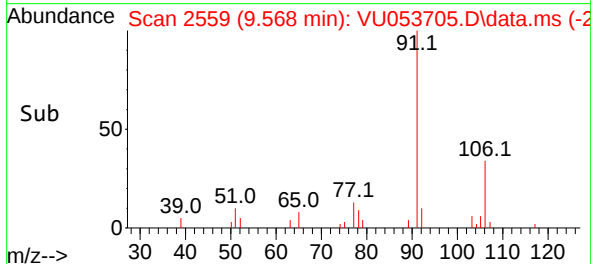
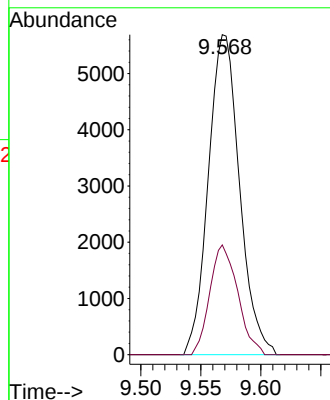
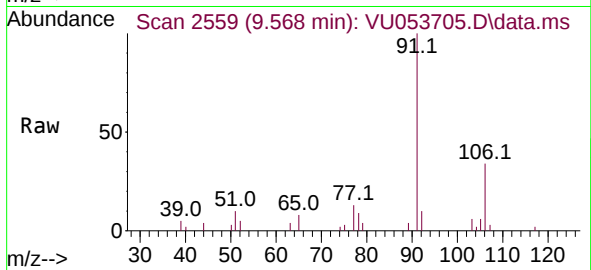
#52
Ethylbenzene
Concen: 0.239 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 91 Resp: 1028
Ion Ratio Lower Upper
91 100
106 34.3 22.5 41.9

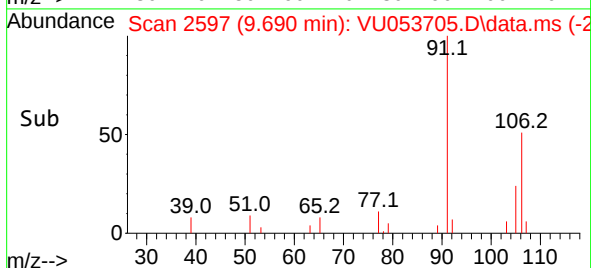
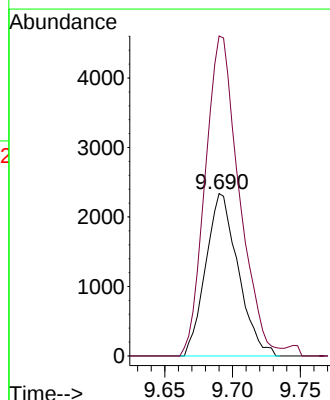
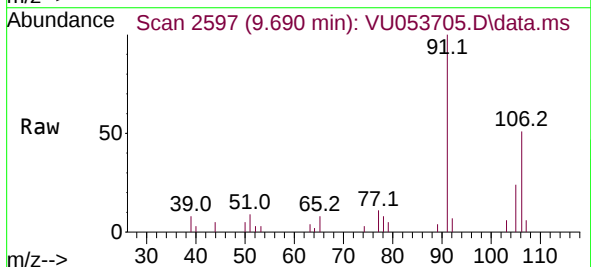
Manual Integrations
APPROVED

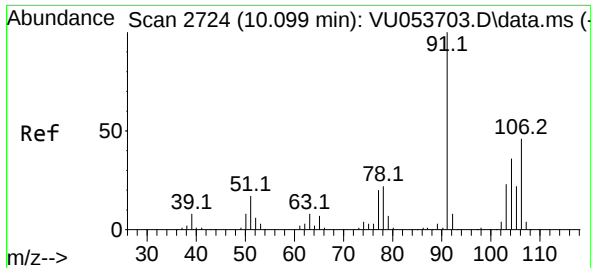
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#53
m,p-Xylene
Concen: 0.236 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:106 Resp: 3884
Ion Ratio Lower Upper
106 100
91 197.0 138.8 257.8





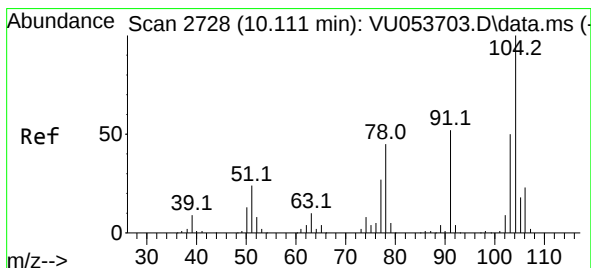
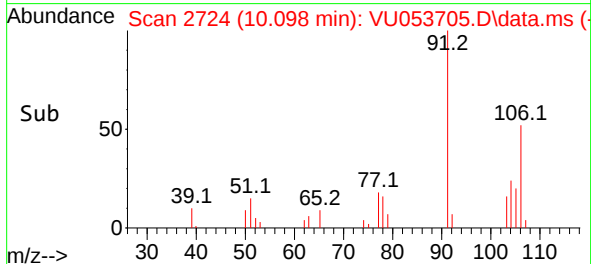
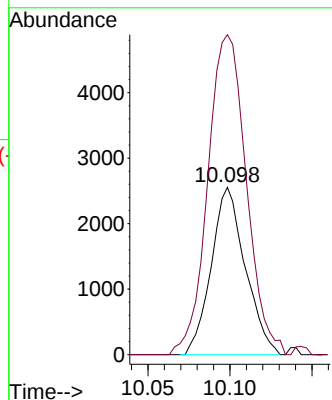
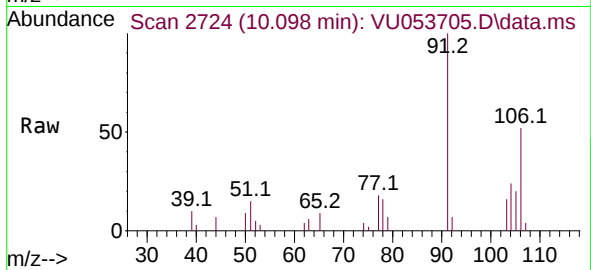
#54
o-Xylene
Concen: 0.236 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:106 Resp: 3679
Ion Ratio Lower Upper
106 100
91 191.2 150.8 280.0

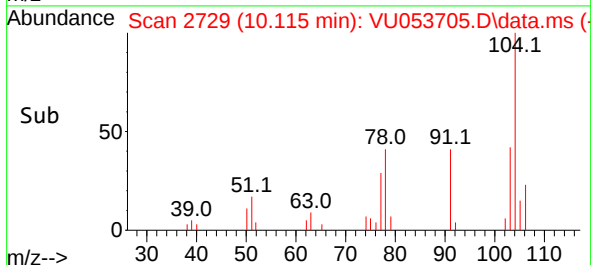
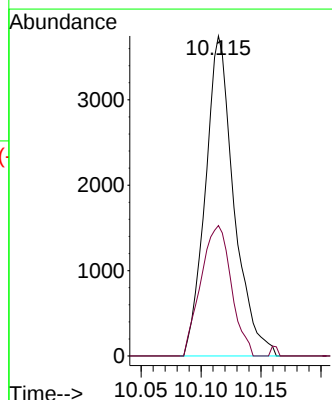
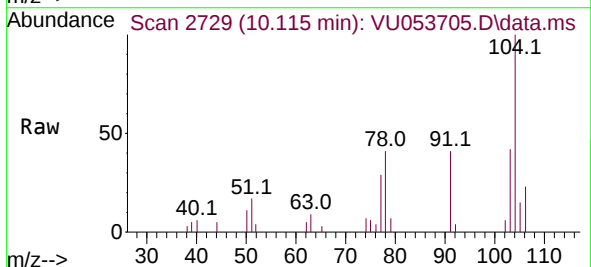
Manual Integrations
APPROVED

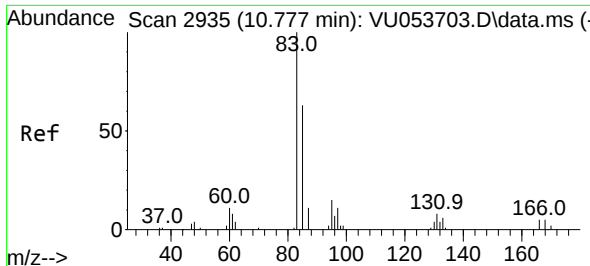
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#55
Styrene
Concen: 0.242 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:104 Resp: 6202
Ion Ratio Lower Upper
104 100
78 40.8 33.0 61.4





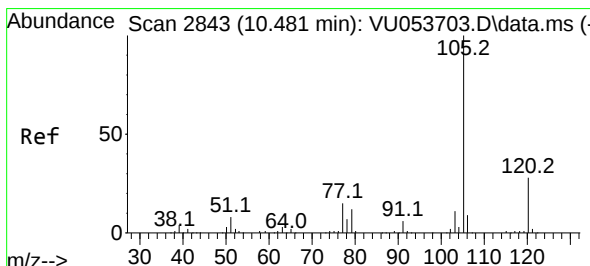
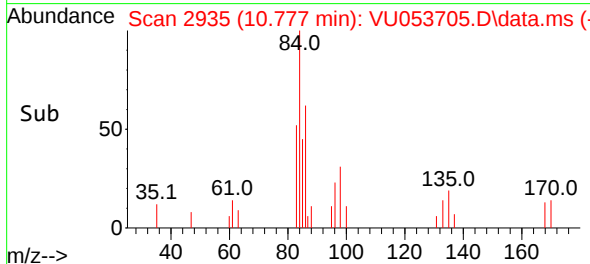
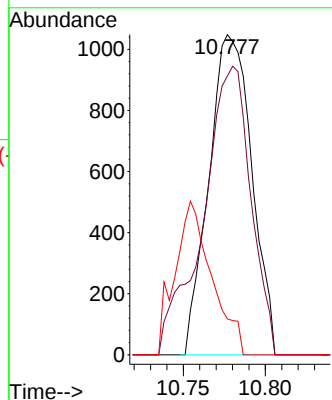
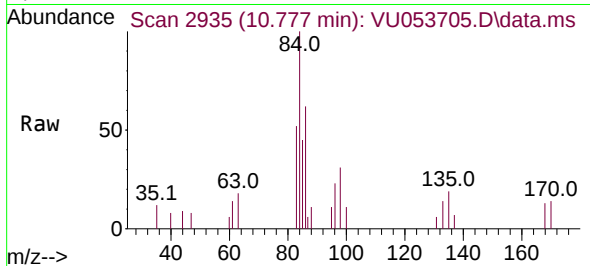
#57
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion: 83	Resp: 1900
Ion Ratio	Lower Upper
83 100	
85 87.1	43.8 81.4
131 11.3	7.2 10.8

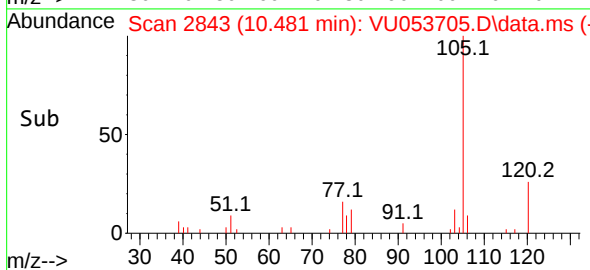
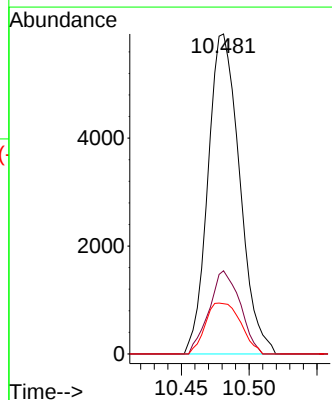
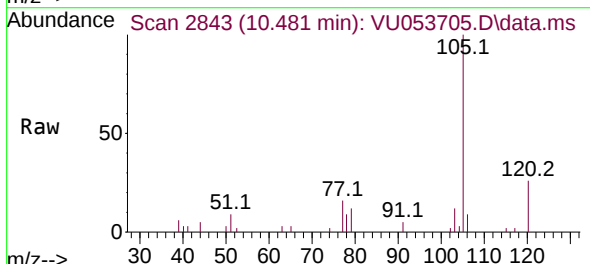
Manual Integrations
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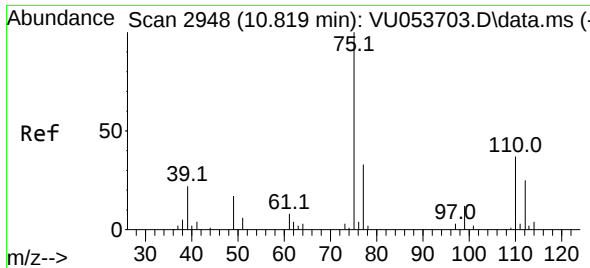
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Isopropylbenzene
Concen: 0.241 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

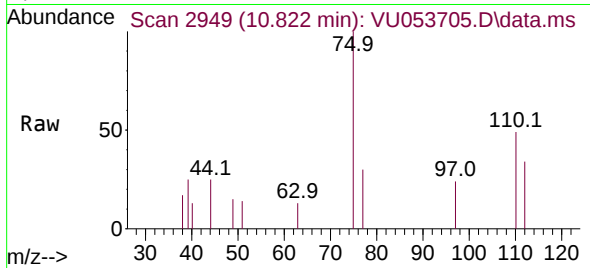
Tgt Ion:105	Resp: 9623
Ion Ratio	Lower Upper
105 100	
120 25.4	21.5 32.3
77 17.7	13.0 19.4





#61
1,2,3-Trichloropropane
Concen: 0.236 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

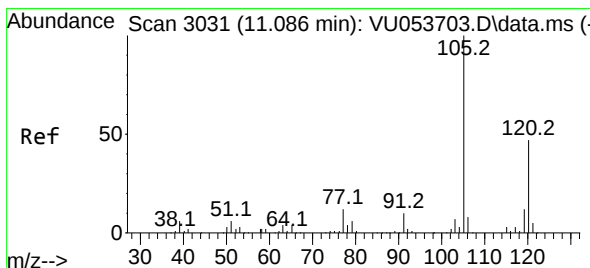
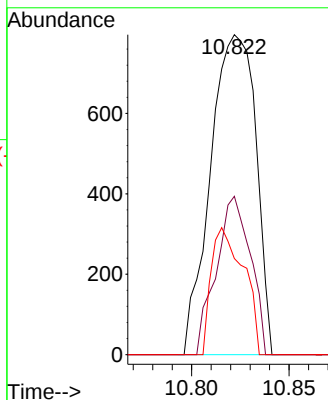
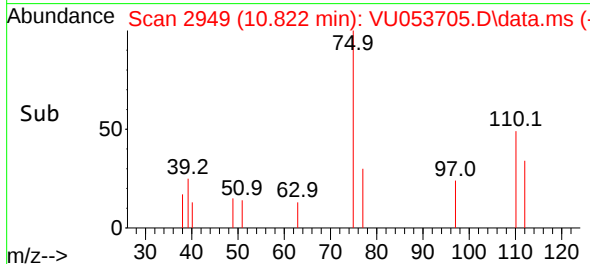
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



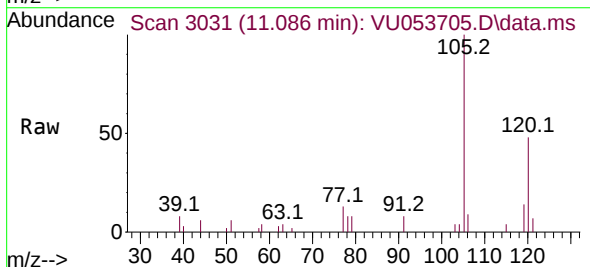
Tgt Ion: 75 Resp: 1289
Ion Ratio Lower Upper
75 100
110 37.3 30.6 46.0
77 28.3 26.1 39.1

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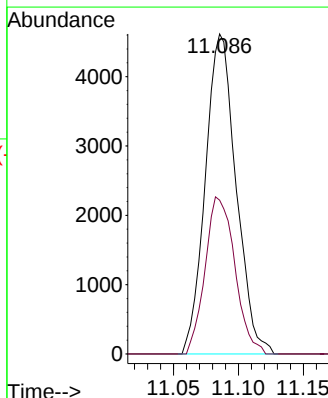
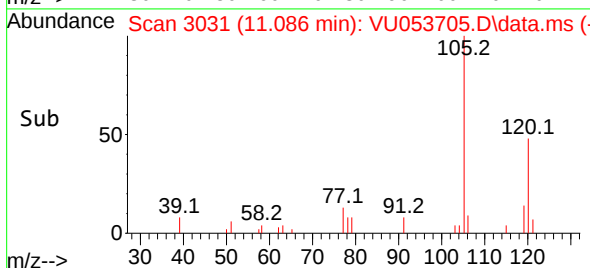
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

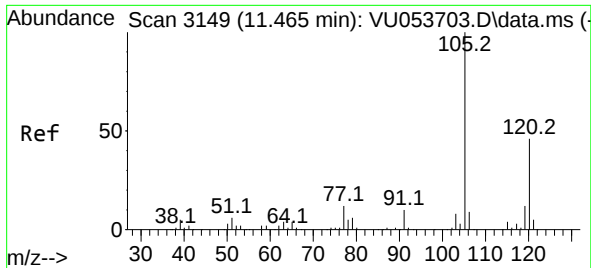


#62
1,3,5-Trimethylbenzene
Concen: 0.234 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



Tgt Ion:105 Resp: 7598
Ion Ratio Lower Upper
105 100
120 47.4 37.8 56.8





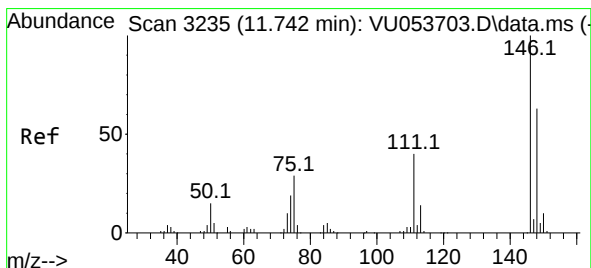
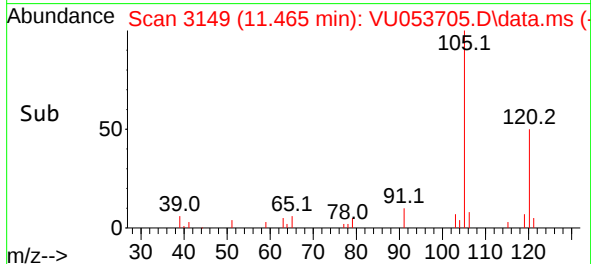
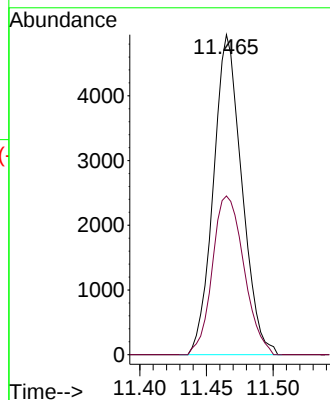
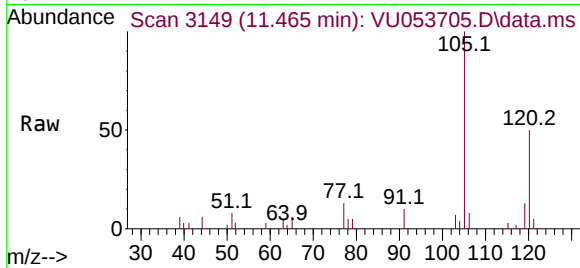
#63
1,2,4-Trimethylbenzene
Concen: 0.221 ug/L m
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 7338
Ion Ratio Lower Upper
105 100
120 49.1 35.4 53.0

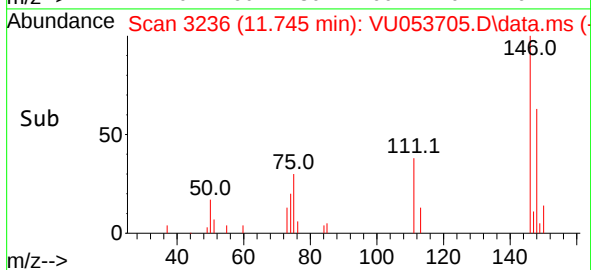
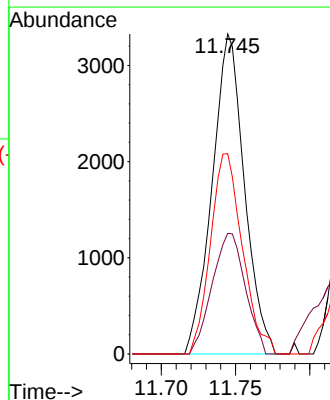
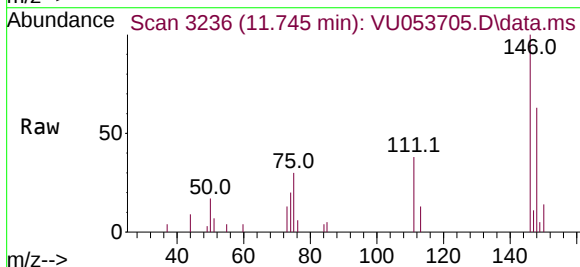
Manual Integrations
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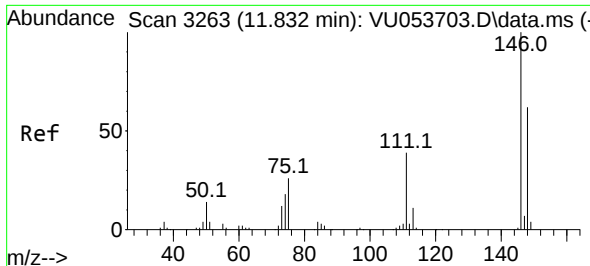
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#64
1,3-Dichlorobenzene
Concen: 0.286 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

Tgt Ion:146 Resp: 5030
Ion Ratio Lower Upper
146 100
111 37.7 29.4 54.6
148 62.6 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 0.346 ug/L

RT: 11.831 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU053705.D

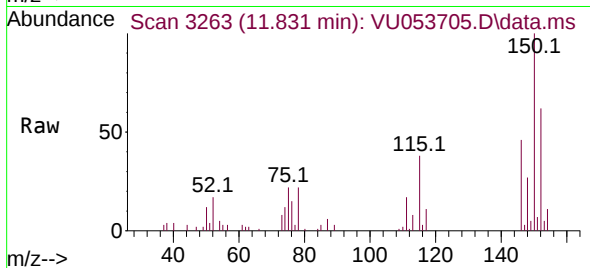
Acq: 14 Apr 2023 10:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:146 Resp: 6109

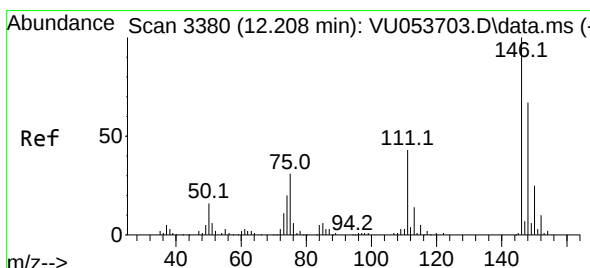
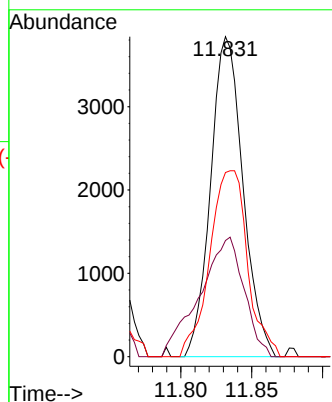
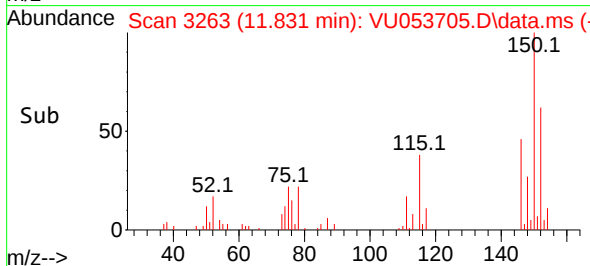
Ion	Ratio	Lower	Upper
146	100		
111	36.3	29.8	55.4
148	57.6	43.0	80.0

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Reviewed By :Krupa Patel 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#67

1,2-Dichlorobenzene

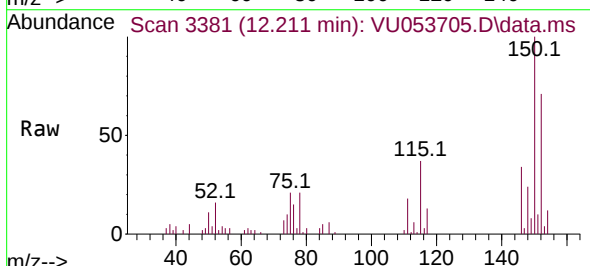
Concen: 0.287 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

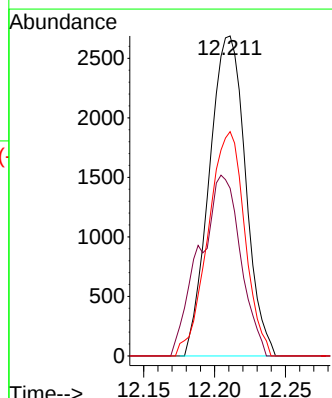
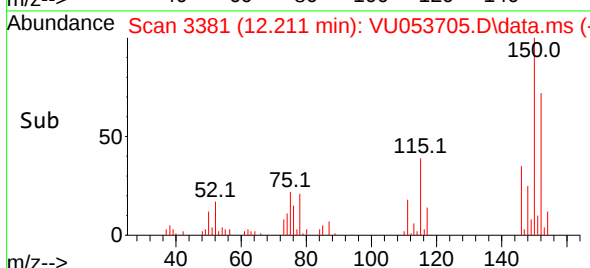
Lab File: VU053705.D

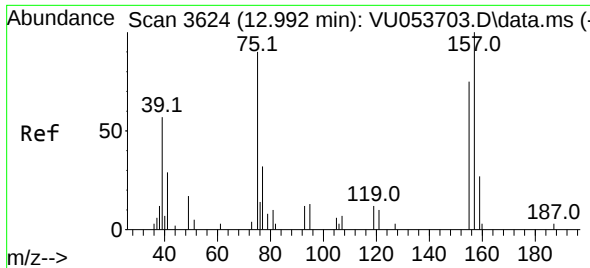
Acq: 14 Apr 2023 10:53



Tgt Ion:146 Resp: 4782

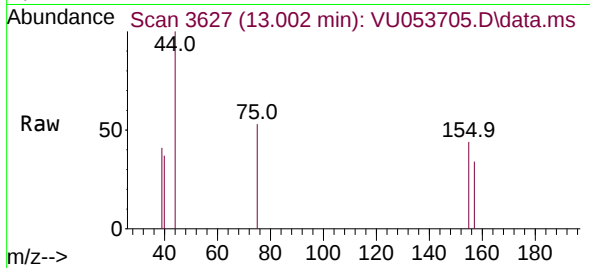
Ion	Ratio	Lower	Upper
146	100		
111	52.4	35.0	52.6
148	70.1	48.2	72.4





#68
1,2-Dibromo-3-chloropropane
Concen: 0.218 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.009 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53

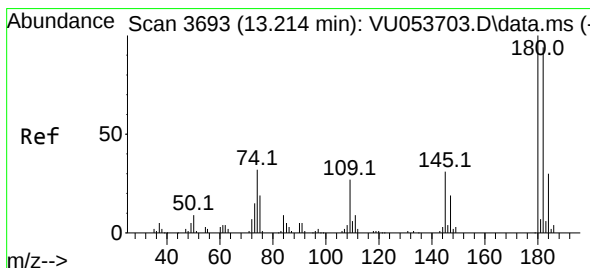
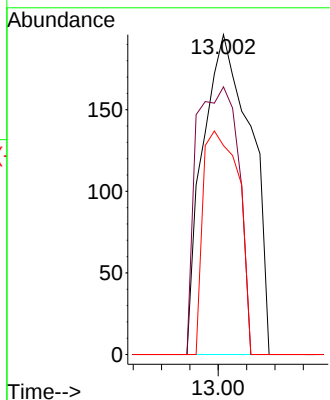
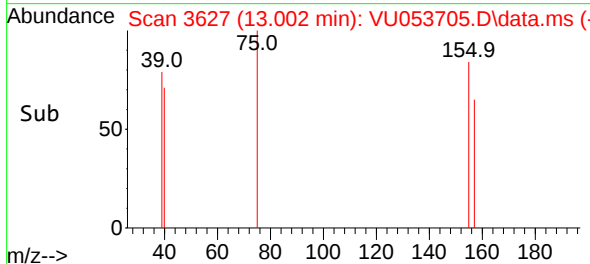
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



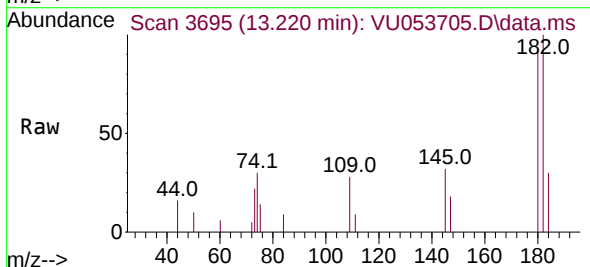
Tgt Ion: 75 Resp: 230
Ion Ratio Lower Upper
75 100
155 83.7 63.9 95.9
157 65.3 74.1 111.1

Manual Integrations
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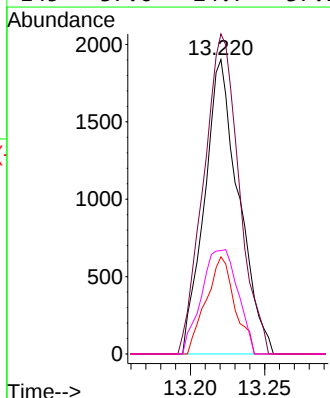
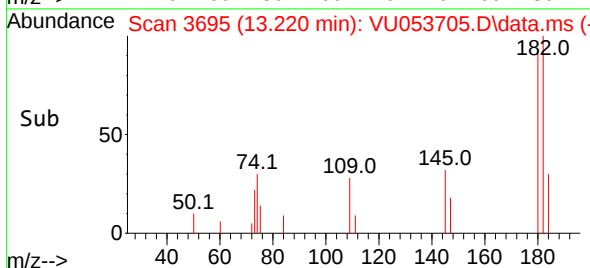
Reviewed By :Krupa Patel 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

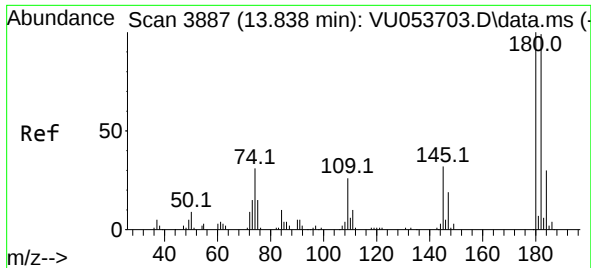


#69
1,3,5-Trichlorobenzene
Concen: 0.249 ug/L
RT: 13.220 min Scan# 3695
Delta R.T. 0.006 min
Lab File: VU053705.D
Acq: 14 Apr 2023 10:53



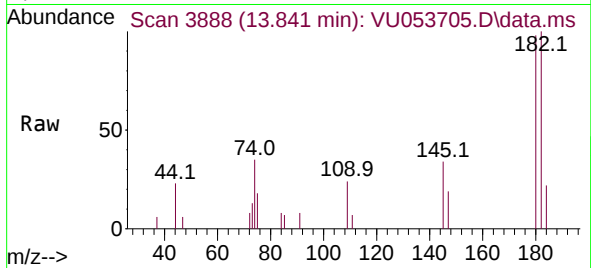
Tgt Ion:180 Resp: 3049
Ion Ratio Lower Upper
180 100
182 112.2 76.7 115.1
184 27.7 24.1 36.1
145 37.6 24.7 37.1





#70
 1,2,4-trichlorobenzene
 Concen: 0.342 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU053705.D
 Acq: 14 Apr 2023 10:53

Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.5	75.4	113.2
145	29.9	25.8	38.8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

