

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055646.D
 Acq On : 03 Oct 2023 17:21
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Oct 04 06:28:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92608	5.356	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.200%	
7) Chloroethane-d5	1.911	69	72596	4.764	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.566	65	36041	5.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.200%	
20) 2-Butanone-d5	4.628	46	132829	42.533	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.060%	
24) Chloroform-d	5.062	84	150469	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.701	65	73002	4.853	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.724	84	302901	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.689	67	90205	4.743	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.897	98	262640	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.180	79	31198	4.674	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.634	63	76807	37.832	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.660%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61631	4.324	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	87534	4.605	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	4015	0.241	ug/L	99
3) Chloromethane	1.518	50	4954	0.338	ug/L	96
5) Vinyl chloride	1.602	62	5080	0.321	ug/L #	67
6) Bromomethane	1.856	94	2822	0.281	ug/L	98
8) Chloroethane	1.933	64	3471	0.337	ug/L	91
9) Trichlorofluoromethane	2.139	101	6191	0.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4569	0.343	ug/L #	79
12) 1,1-Dichloroethene	2.576	96	3865	0.323	ug/L #	1
14) Carbon disulfide	2.795	76	9834	0.274	ug/L	99
15) Methyl Acetate	2.949	43	1469m	0.362	ug/L	
16) Methylene chloride	3.042	84	10784	0.753	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	6672	0.257	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	2919	0.242	ug/L	74
19) 1,1-Dichloroethane	3.869	63	6616	0.297	ug/L	90
21) 2-Butanone	4.727	43	8850m	3.390	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	3526	0.252	ug/L	89
23) Bromochloromethane	4.978	128	1653	0.280	ug/L	78
27) 1,2-Dichloroethane	5.798	62	4590	0.317	ug/L #	91
29) 1,1,1-Trichloroethane	5.316	97	5770	0.278	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055646.D
 Acq On : 03 Oct 2023 17:21
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

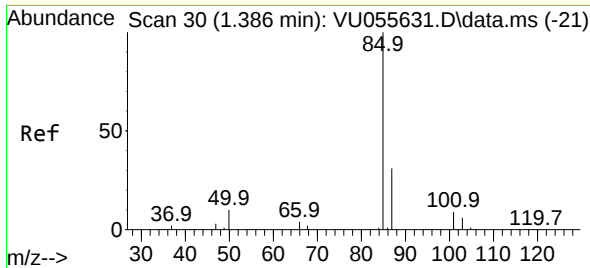
Quant Time: Oct 04 06:28:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.390	56	4494	0.237	ug/L #	60
31) Carbon tetrachloride	5.525	117	4695	0.264	ug/L	94
33) Benzene	5.775	78	14470	0.276	ug/L	100
34) Trichloroethene	6.541	95	4241	0.286	ug/L	92
37) 1,2-Dichloropropane	6.788	63	3985	0.291	ug/L	100
38) Bromodichloromethane	7.106	83	5281	0.329	ug/L #	84
39) cis-1,3-Dichloropropene	7.608	75	4875	0.267	ug/L	95
40) 4-Methyl-2-pentanone	7.795	43	15624	2.514	ug/L #	83
42) Toluene	7.968	91	14235	0.255	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	4106m	0.281	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	2524	0.263	ug/L	90
47) Tetrachloroethene	8.550	164	2749	0.259	ug/L	91
48) 2-Hexanone	8.685	43	28570	5.932	ug/L #	87
49) Dibromochloromethane	8.804	129	2899	0.288	ug/L	86
50) 1,2-Dibromoethane	8.930	107	2548	0.286	ug/L #	98
51) Chlorobenzene	9.450	112	10363	0.290	ug/L	92
52) Ethylbenzene	9.573	91	14814	0.247	ug/L	98
53) m,p-Xylene	9.695	106	5343	0.238	ug/L	97
54) o-Xylene	10.100	106	5247	0.240	ug/L	87
55) Styrene	10.119	104	7576	0.215	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.782	83	3236	0.298	ug/L #	90
59) Bromoform	10.293	173	1305	0.259	ug/L #	90
60) Isopropylbenzene	10.486	105	12630	0.233	ug/L	98
61) 1,2,3-Trichloropropane	10.827	75	2459	0.334	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.087	105	9596	0.221	ug/L	97
63) 1,2,4-Trimethylbenzene	11.470	105	8894	0.209	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	7389	0.284	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	8586	0.331	ug/L	90
67) 1,2-Dichlorobenzene	12.212	146	6687	0.281	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	305	0.239	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.222	180	4233	0.237	ug/L	96
70) 1,2,4-trichlorobenzene	13.849	180	4933	0.362	ug/L	95

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



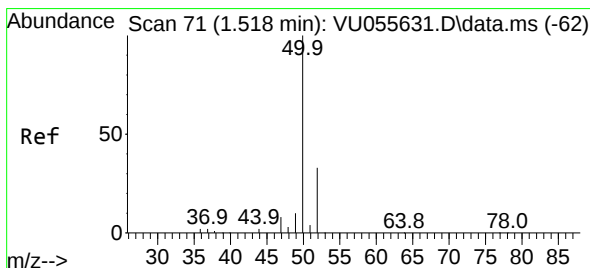
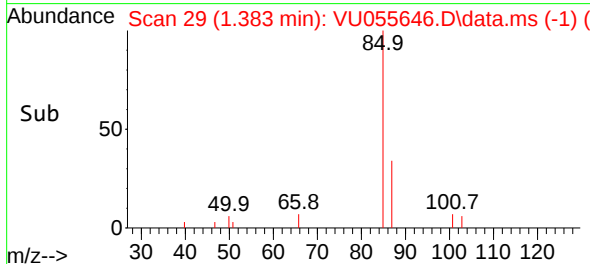
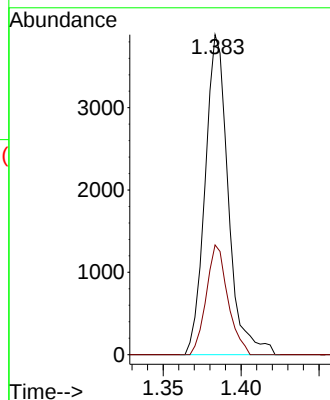
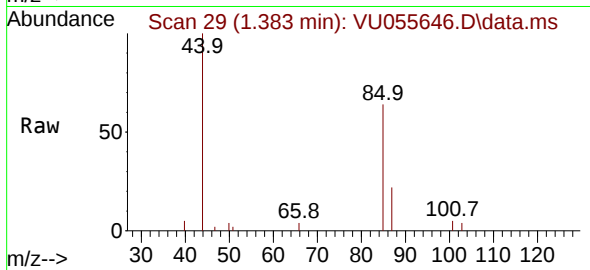
#2
 Dichlorodifluoromethane
 Concen: 0.241 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055646.D
 Acq: 03 Oct 2023 17:21

Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Tgt Ion: 85 Resp: 401
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0

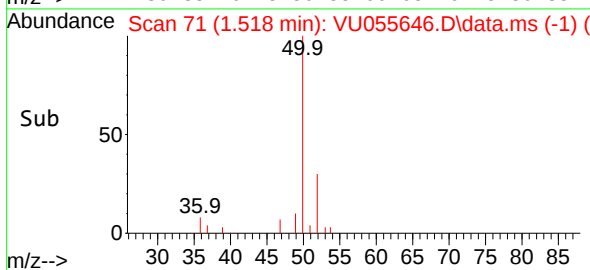
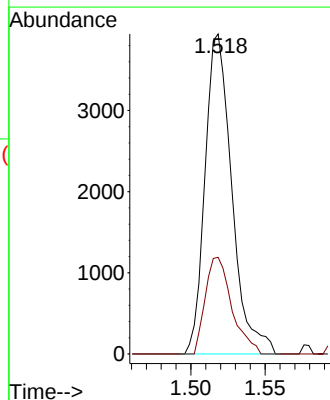
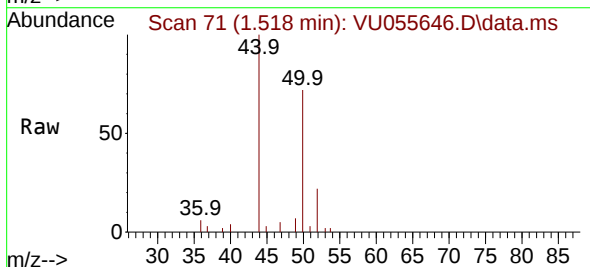
Manual Integrations
 APPROVED

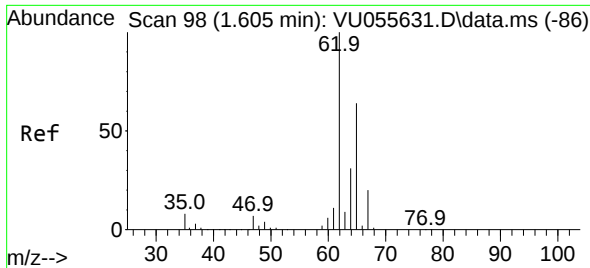
Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023



#3
 Chloromethane
 Concen: 0.338 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055646.D
 Acq: 03 Oct 2023 17:21

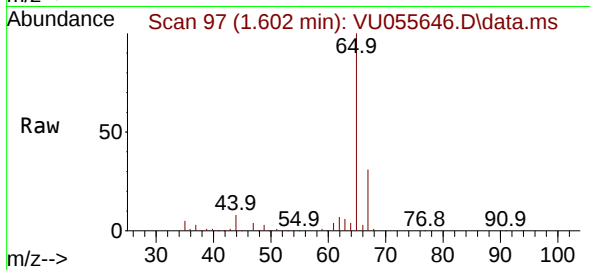
Tgt Ion: 50 Resp: 4954
 Ion Ratio Lower Upper
 50 100
 52 30.2 22.9 42.5





#5
 Vinyl chloride
 Concen: 0.321 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU055646.D
 Acq: 03 Oct 2023 17:21

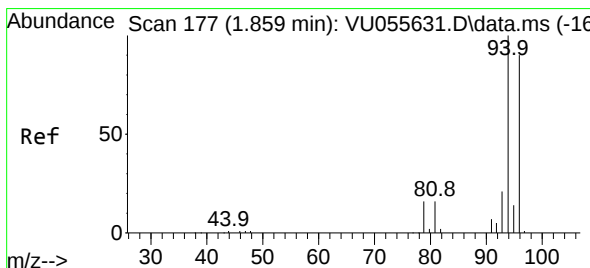
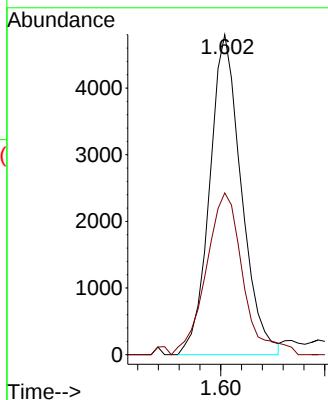
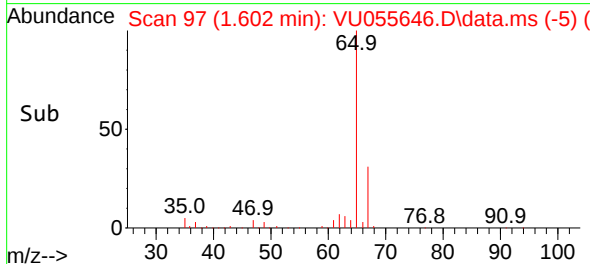
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07



Tgt Ion: 62 Resp: 5080
 Ion Ratio Lower Upper
 62 100
 64 50.5 22.3 41.5

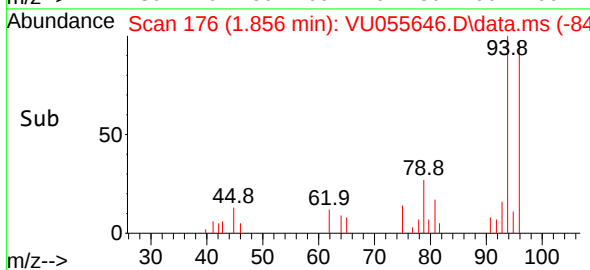
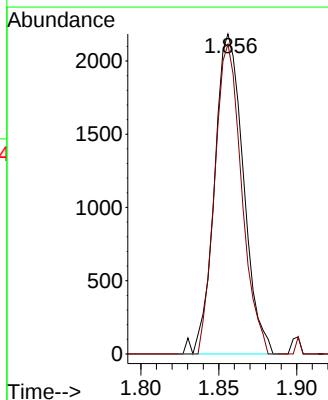
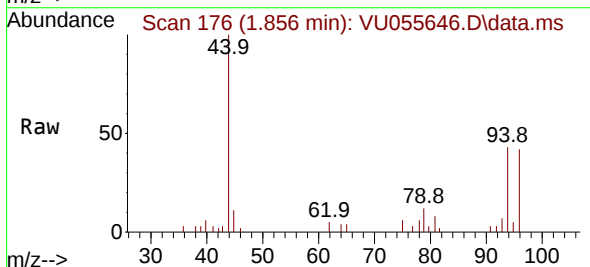
Manual Integrations
 APPROVED

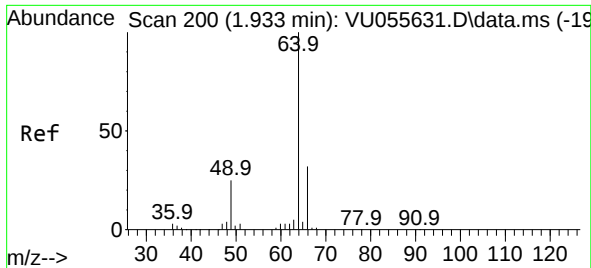
Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023



#6
 Bromomethane
 Concen: 0.281 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU055646.D
 Acq: 03 Oct 2023 17:21

Tgt Ion: 94 Resp: 2822
 Ion Ratio Lower Upper
 94 100
 96 96.8 66.4 123.2





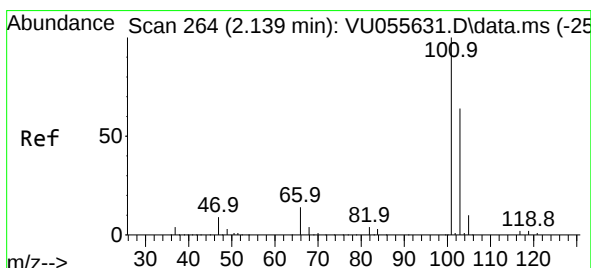
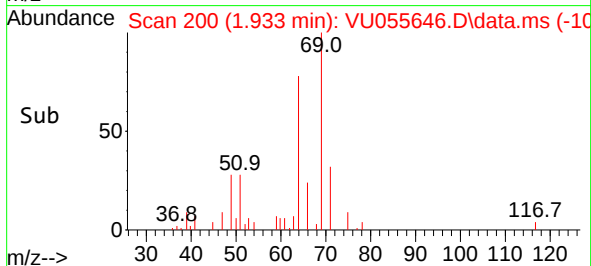
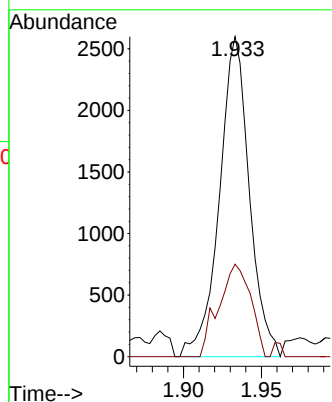
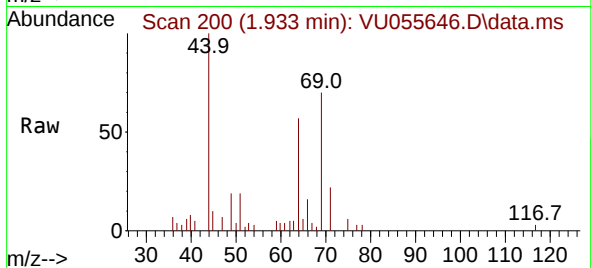
#8
Chloroethane
Concen: 0.337 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 64 Resp: 347
Ion Ratio Lower Upper
64 100
66 28.9 23.7 44.1

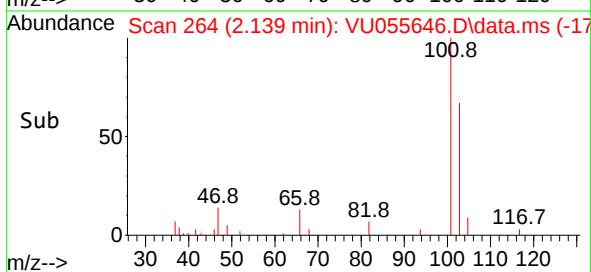
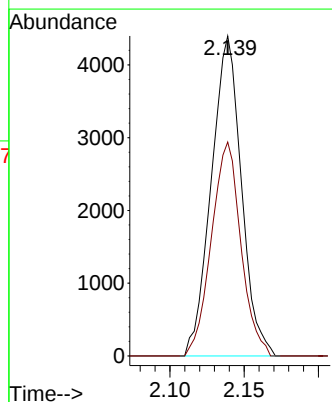
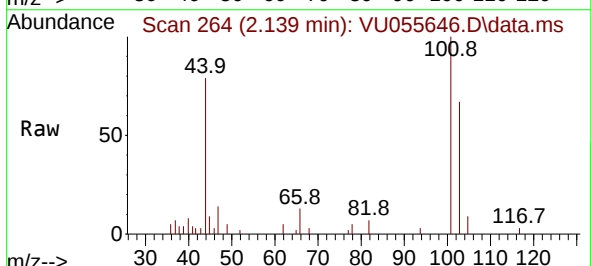
Manual Integrations
APPROVED

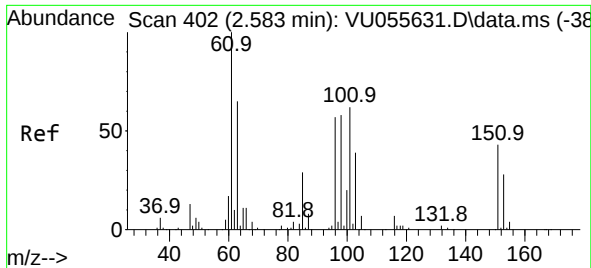
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#9
Trichlorofluoromethane
Concen: 0.282 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Tgt Ion:101 Resp: 6191
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0





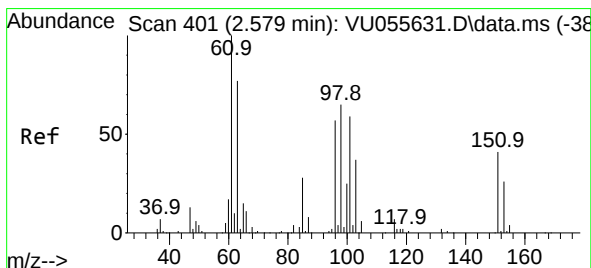
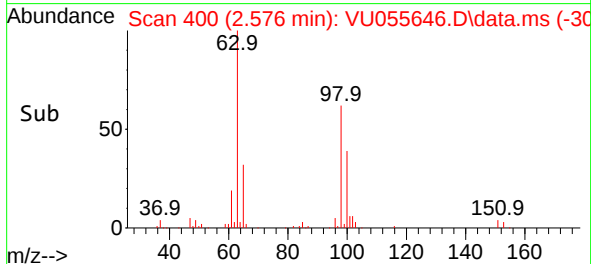
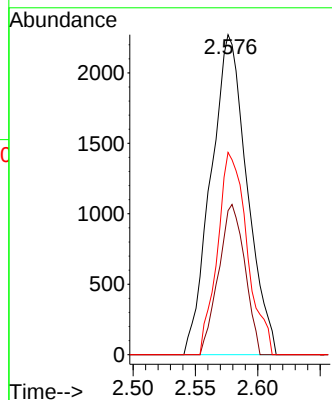
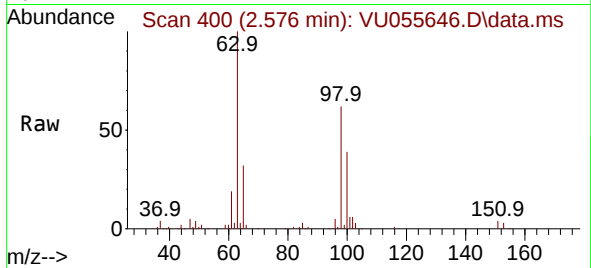
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.343 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:101 Resp: 4569
Ion Ratio Lower Upper
101 100
85 34.3 35.8 53.6
151 52.0 58.2 87.4

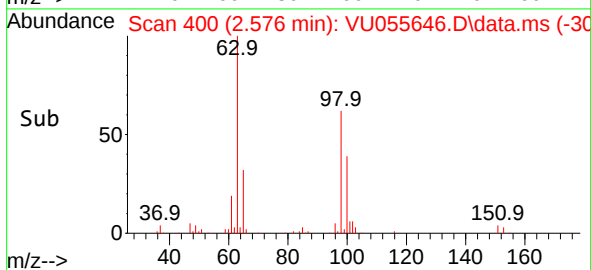
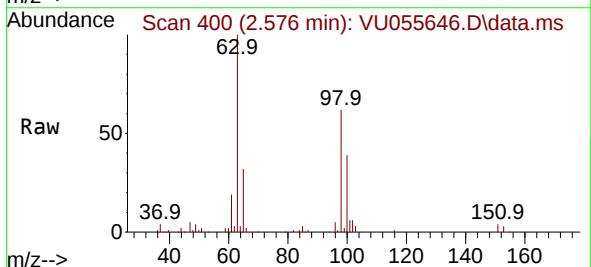
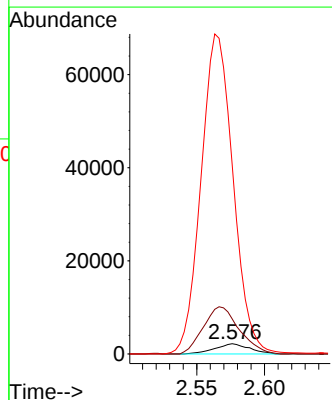
Manual Integrations
APPROVED

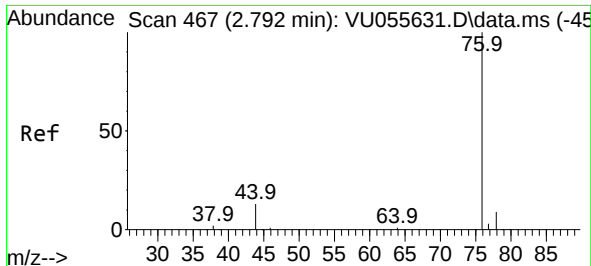
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#12
1,1-Dichloroethene
Concen: 0.323 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

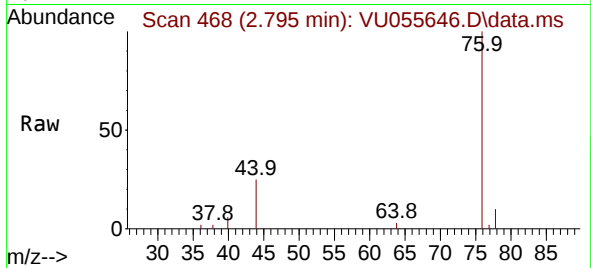
Tgt Ion: 96 Resp: 3865
Ion Ratio Lower Upper
96 100
61 343.3 114.5 212.7#
63 1849.4 98.3 182.5#





#14
Carbon disulfide
Concen: 0.274 ug/L
RT: 2.795 min Scan# 468
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

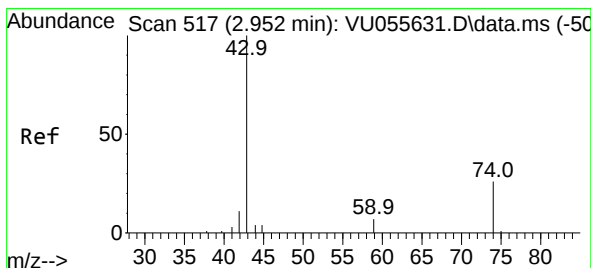
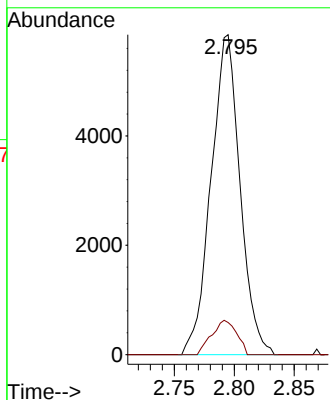
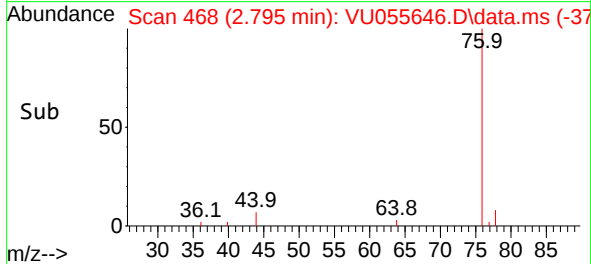
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 76 Resp: 9834
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5

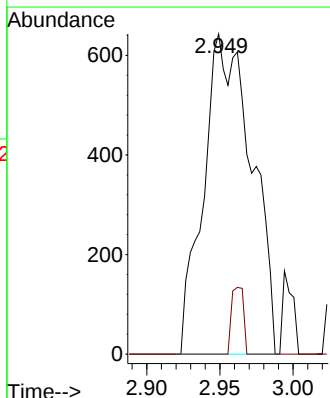
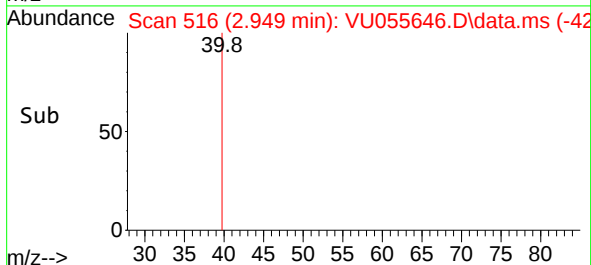
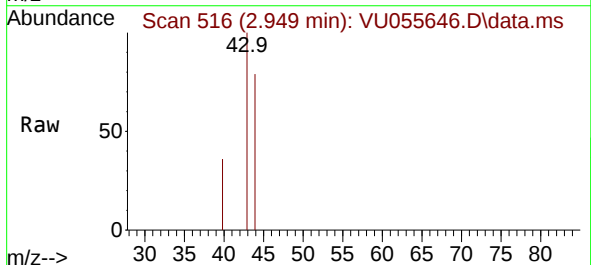
Manual Integrations
APPROVED

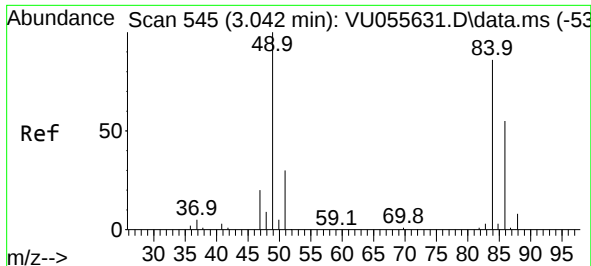
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#15
Methyl Acetate
Concen: 0.362 ug/L m
RT: 2.949 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

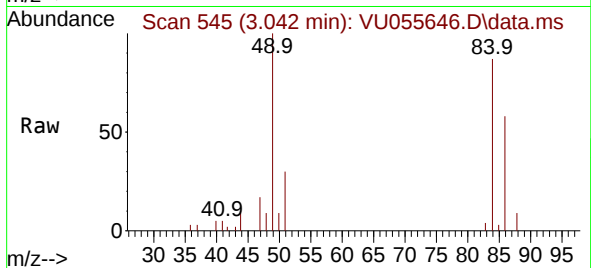
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
74 5.2 22.3 33.5#





#16
Methylene chloride
Concen: 0.753 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

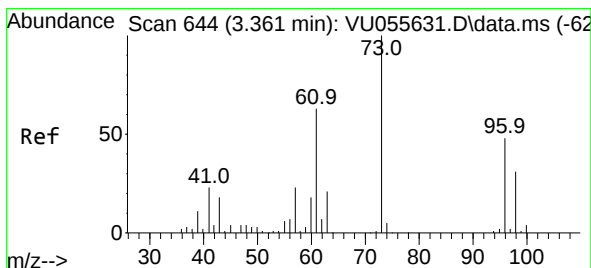
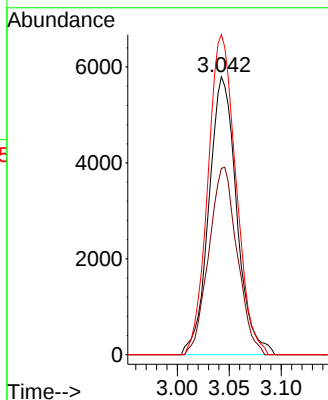
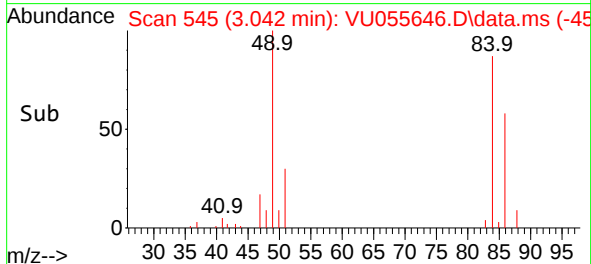
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 84 Resp: 10784
Ion Ratio Lower Upper
84 100
86 67.1 44.9 83.3
49 115.1 78.8 146.3

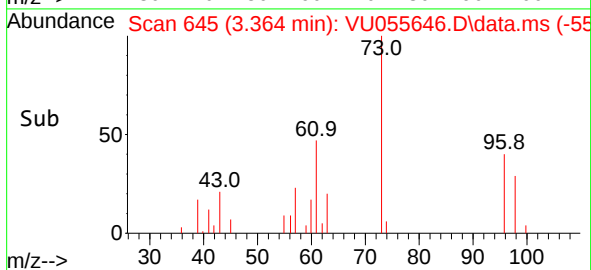
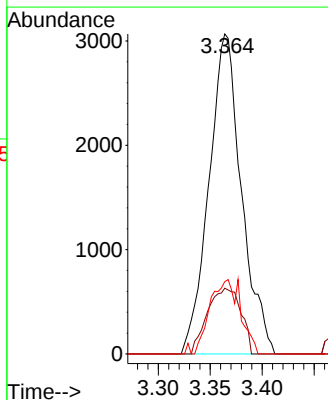
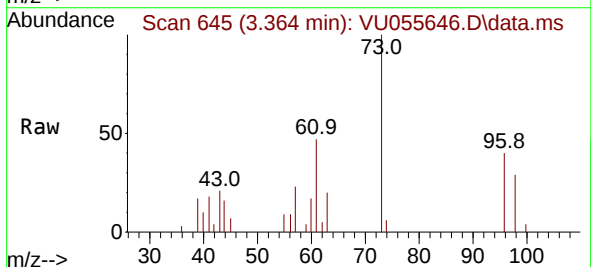
Manual Integrations
APPROVED

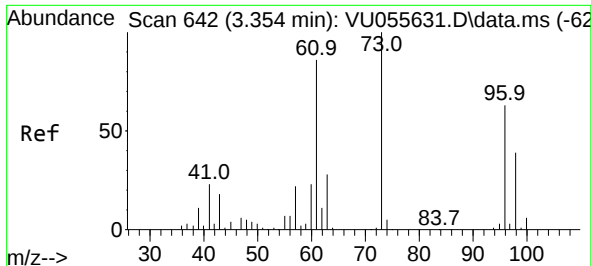
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#17
Methyl tert-butyl Ether
Concen: 0.257 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

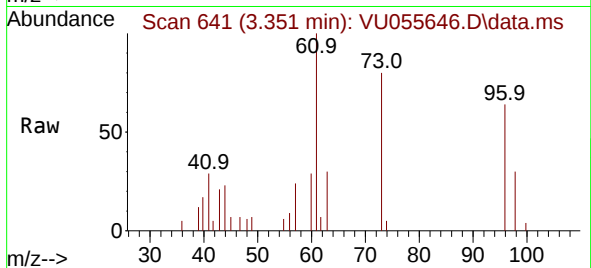
Tgt Ion: 73 Resp: 6672
Ion Ratio Lower Upper
73 100
43 21.1 14.9 22.3
57 21.9 17.3 25.9





#18
trans-1,2-Dichloroethene
Concen: 0.242 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

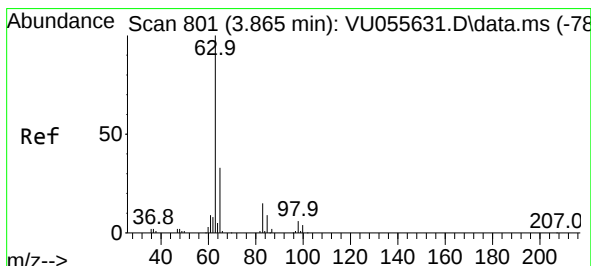
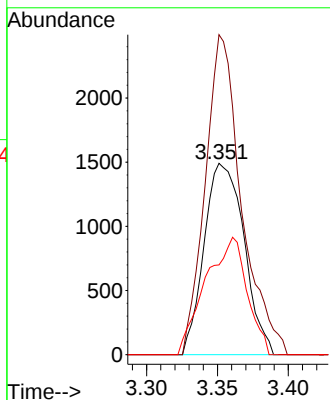
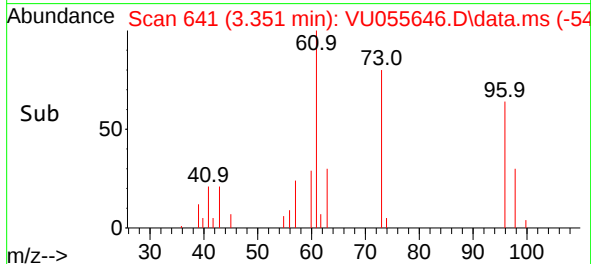
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2023-07



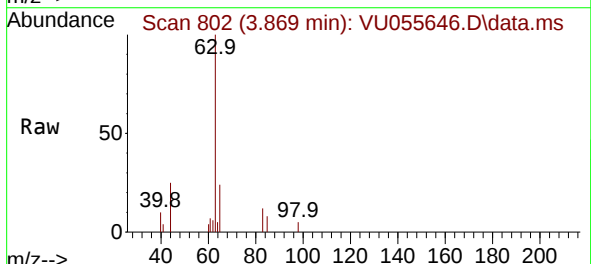
Tgt Ion: 96 Resp: 2919
Ion Ratio Lower Upper
96 100
61 167.3 94.6 175.6
98 46.9 45.7 84.9

Manual Integrations
APPROVED

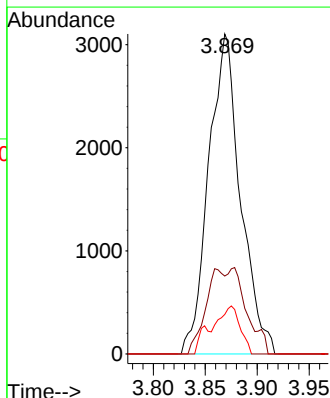
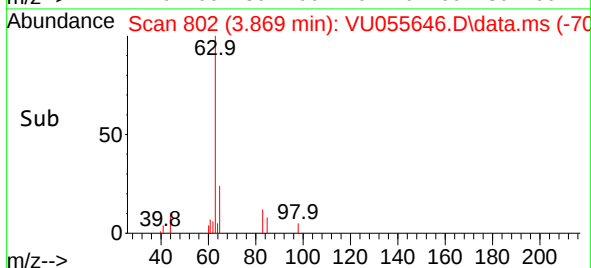
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

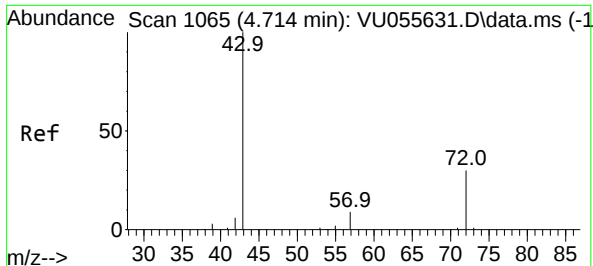


#19
1,1-Dichloroethane
Concen: 0.297 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21



Tgt Ion: 63 Resp: 6616
Ion Ratio Lower Upper
63 100
65 24.4 22.0 41.0
83 12.4 10.1 18.9





#21

2-Butanone

Concen: 3.390 ug/L m

RT: 4.727 min Scan# 1069

Delta R.T. 0.013 min

Lab File: VU055646.D

Acq: 03 Oct 2023 17:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 8850

Ion Ratio Lower Upper

43 100

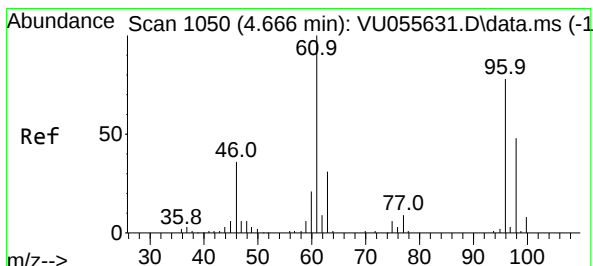
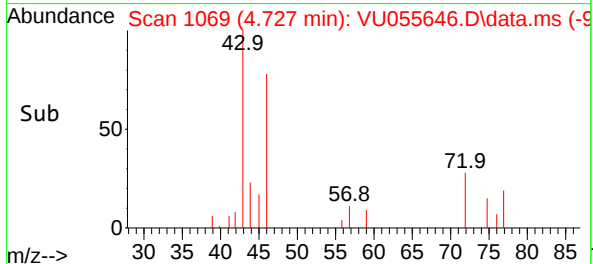
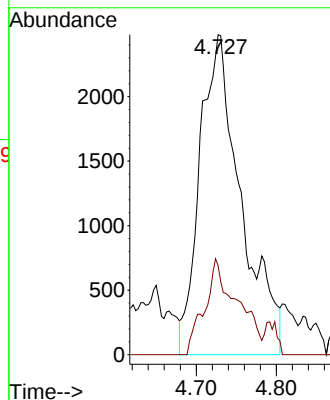
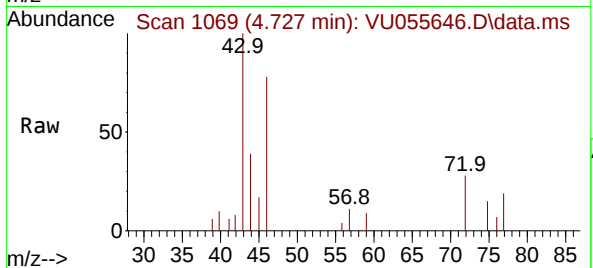
72 23.9 15.1 45.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023

Supervised By :Semsettin Yesilyurt 10/06/2023



#22

cis-1,2-Dichloroethene

Concen: 0.252 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VU055646.D

Acq: 03 Oct 2023 17:21

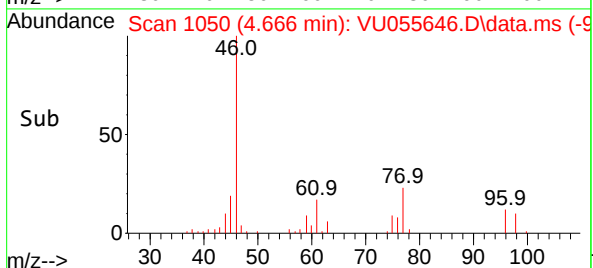
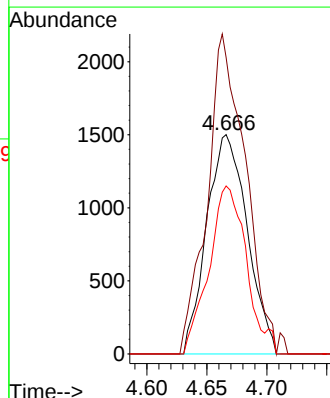
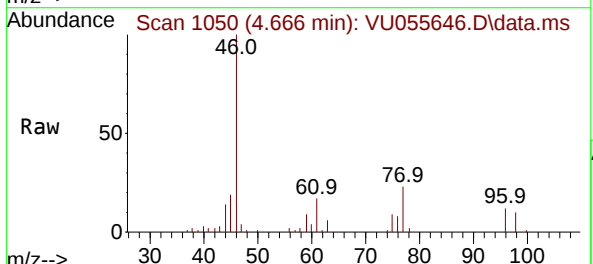
Tgt Ion: 96 Resp: 3526

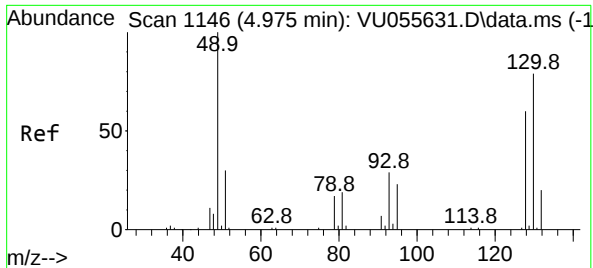
Ion Ratio Lower Upper

96 100

61 135.2 87.8 163.2

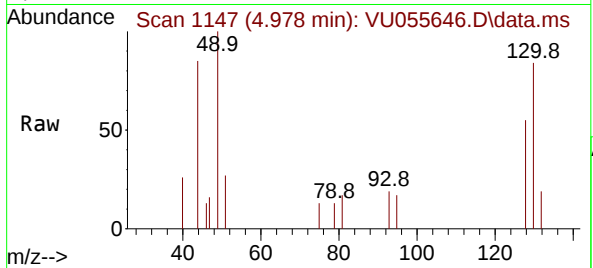
98 76.6 44.4 82.4





#23
Bromochloromethane
Concen: 0.280 ug/L
RT: 4.978 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

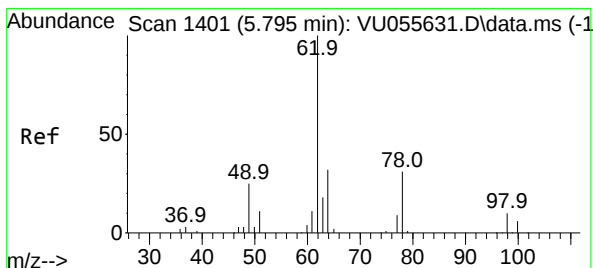
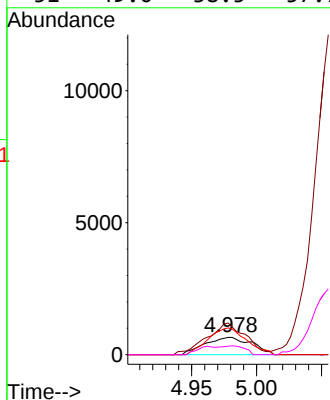
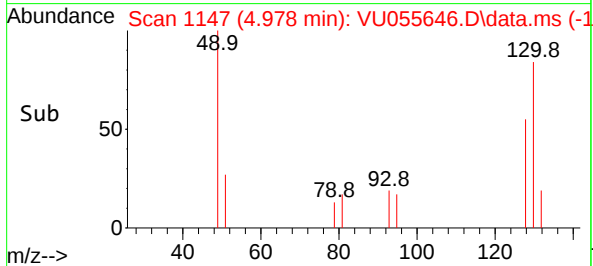
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 128 Resp: 165
Ion Ratio Lower Upper
128 100
49 182.5 102.8 191.0
130 154.2 89.9 166.9
51 49.0 38.5 57.7

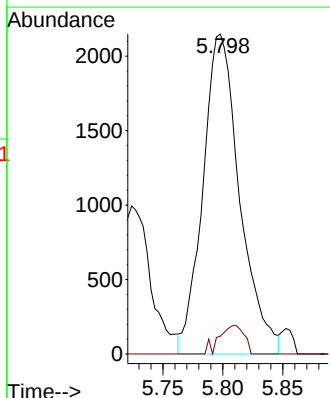
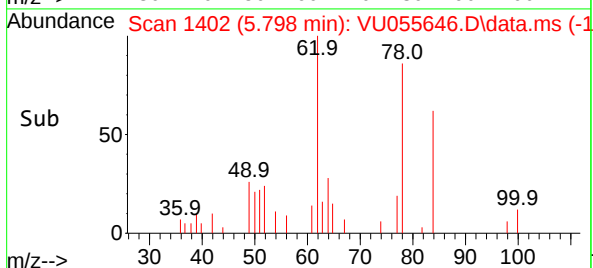
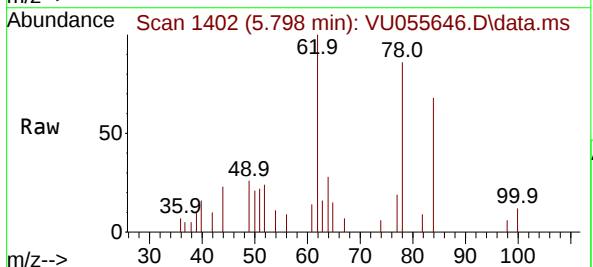
Manual Integrations
APPROVED

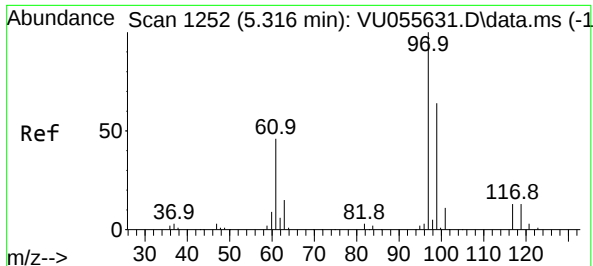
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#27
1,2-Dichloroethane
Concen: 0.317 ug/L
RT: 5.798 min Scan# 1402
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

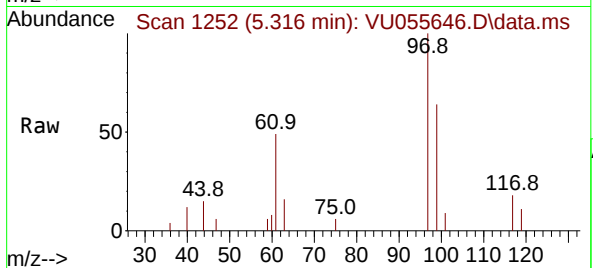
Tgt Ion: 62 Resp: 4590
Ion Ratio Lower Upper
62 100
98 5.6 7.0 10.4#





#29
1,1,1-Trichloroethane
Concen: 0.278 ug/L
RT: 5.316 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

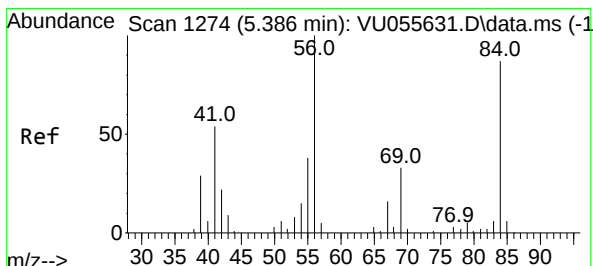
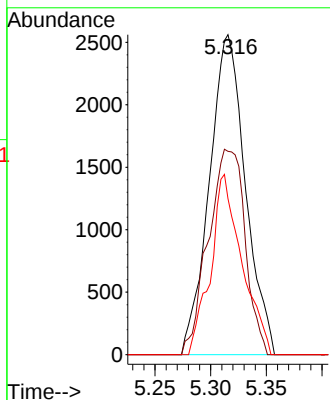
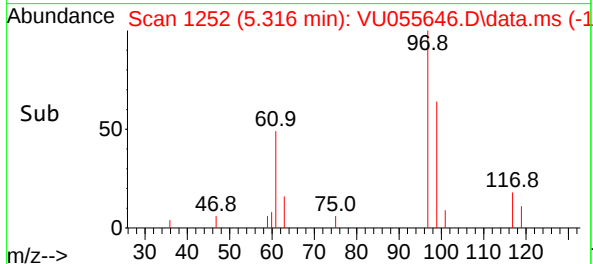
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



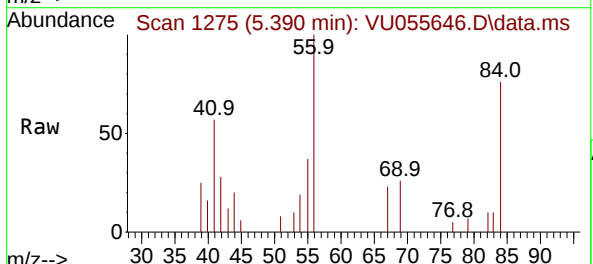
Tgt Ion: 97 Resp: 5770
Ion Ratio Lower Upper
97 100
99 65.4 50.7 76.1
61 48.8 34.6 51.8

Manual Integrations
APPROVED

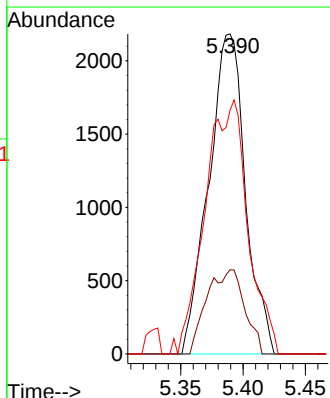
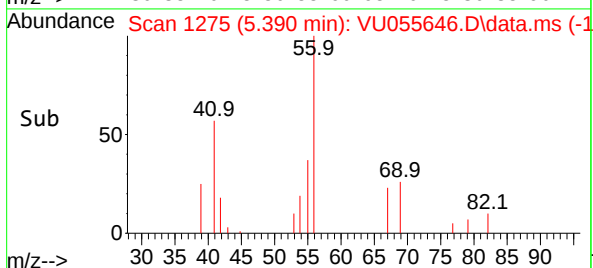
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

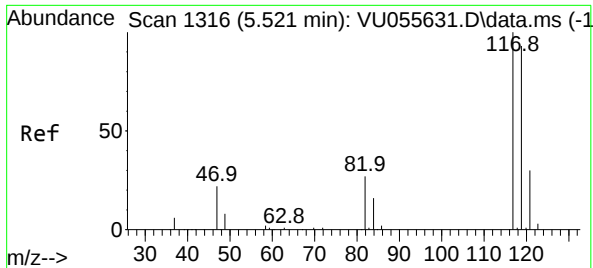


#30
Cyclohexane
Concen: 0.237 ug/L
RT: 5.390 min Scan# 1275
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21



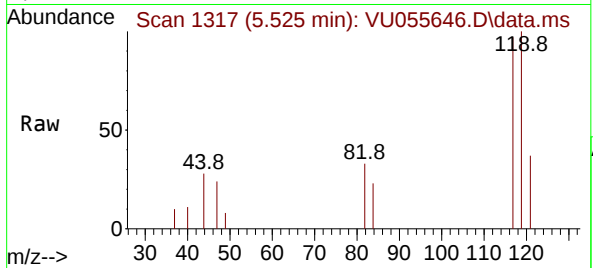
Tgt Ion: 56 Resp: 4494
Ion Ratio Lower Upper
56 100
69 26.9 26.5 39.7
84 43.0 72.6 108.8





#31
Carbon tetrachloride
Concen: 0.264 ug/L
RT: 5.525 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

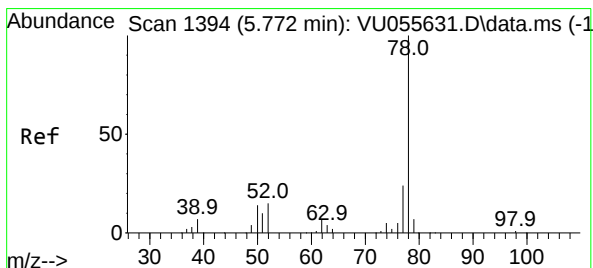
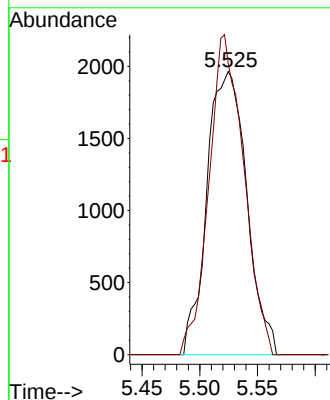
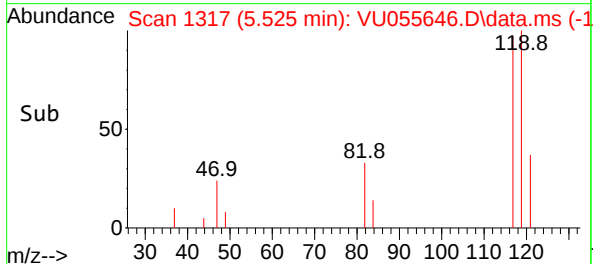
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:117 Resp: 469
Ion Ratio Lower Upper
117 100
119 99.4 75.2 112.8

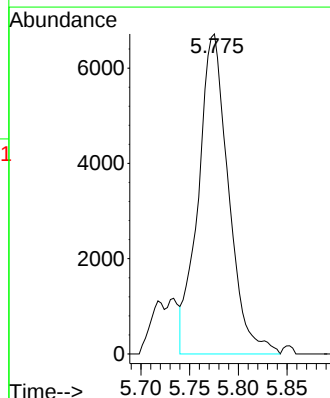
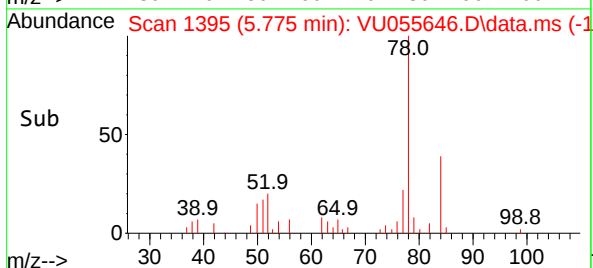
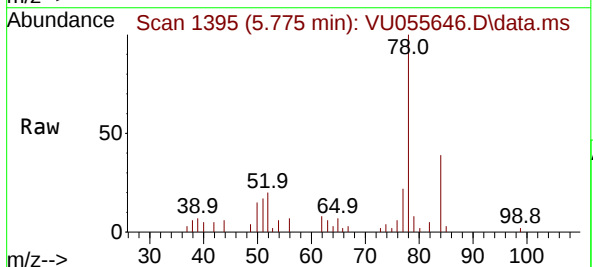
Manual Integrations
APPROVED

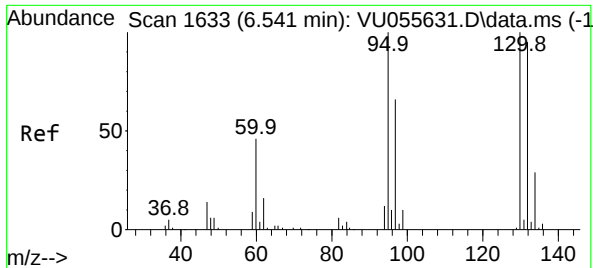
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#33
Benzene
Concen: 0.276 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

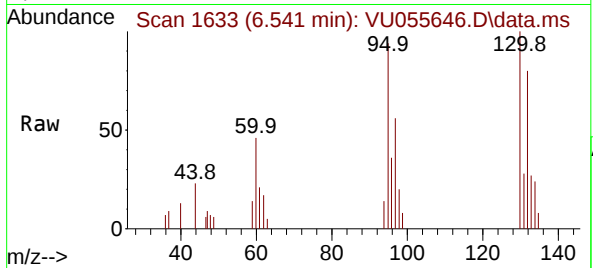
Tgt Ion: 78 Resp: 14470





#34
Trichloroethene
Concen: 0.286 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

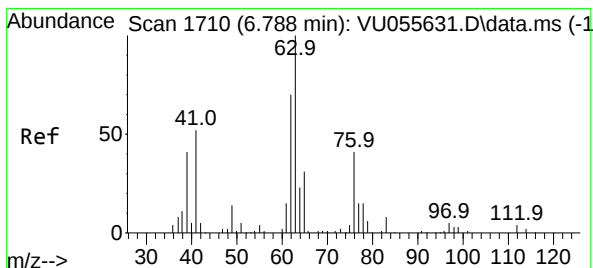
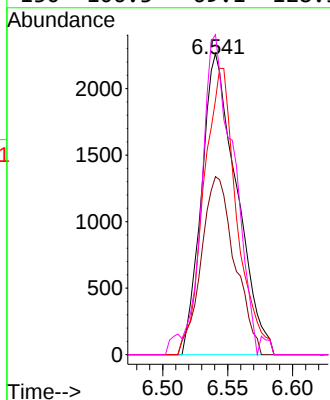
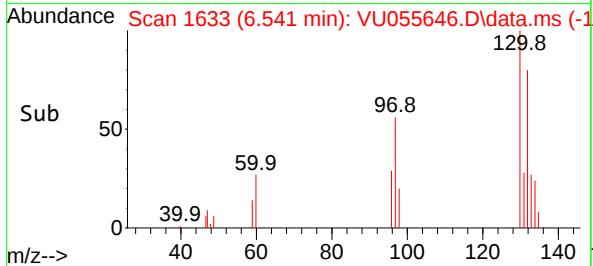
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 95 Resp: 424
Ion Ratio Lower Upper
95 100
97 59.2 45.4 84.2
132 84.6 65.2 121.2
130 106.3 69.1 128.3

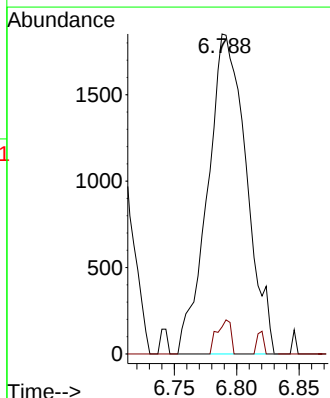
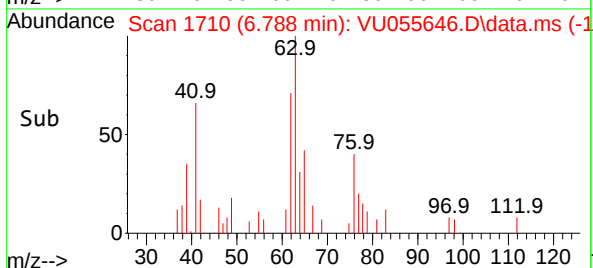
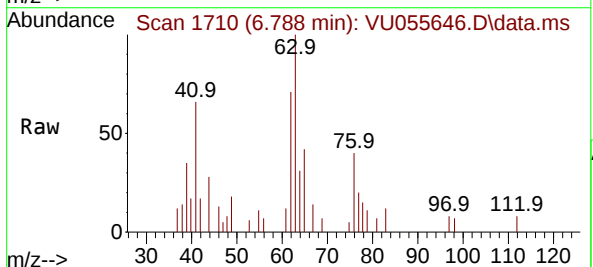
Manual Integrations
APPROVED

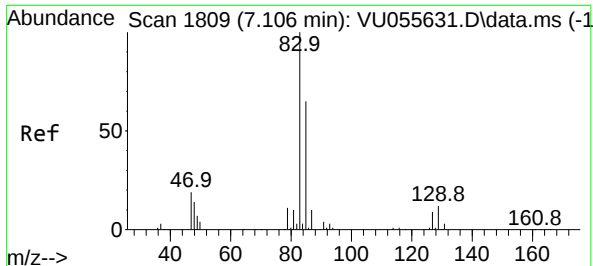
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#37
1,2-Dichloropropane
Concen: 0.291 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

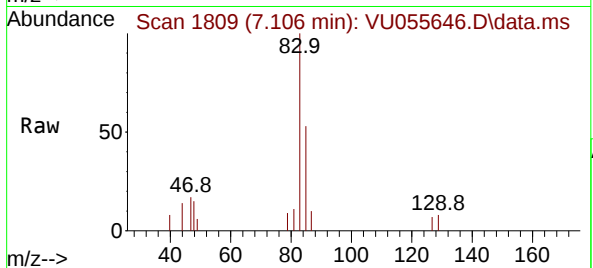
Tgt Ion: 63 Resp: 3985
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6





#38
Bromodichloromethane
Concen: 0.329 ug/L
RT: 7.106 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

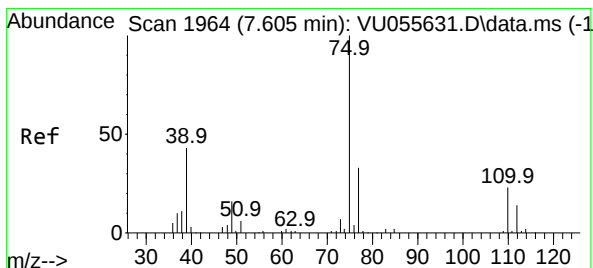
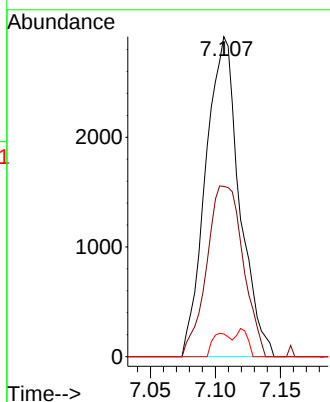
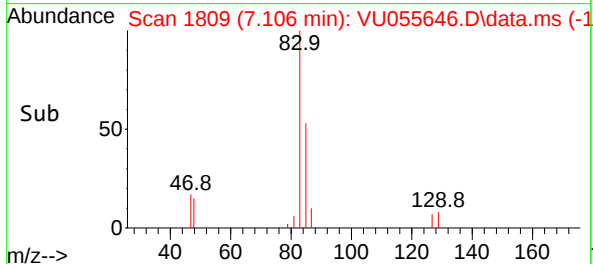
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion: 83 Resp: 528
Ion Ratio Lower Upper
83 100
85 53.2 46.8 86.8
127 7.1 7.2 10.8

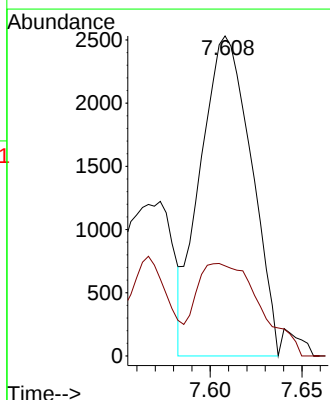
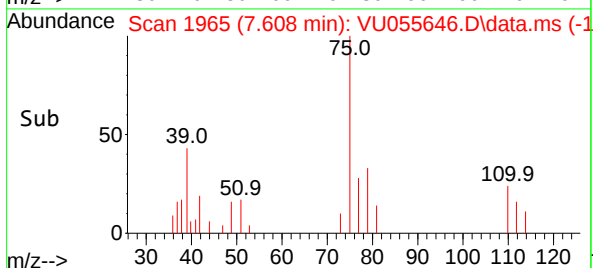
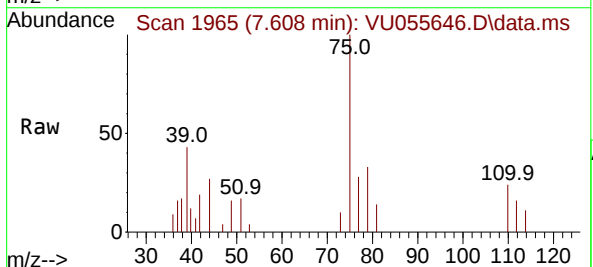
Manual Integrations
APPROVED

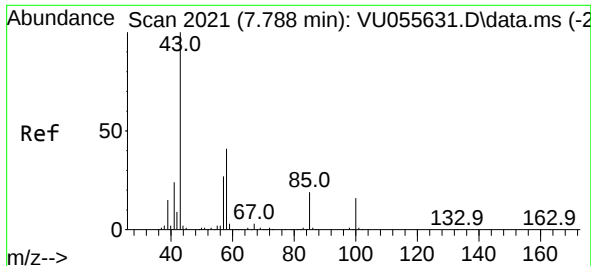
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#39
cis-1,3-Dichloropropene
Concen: 0.267 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Tgt Ion: 75 Resp: 4875
Ion Ratio Lower Upper
75 100
77 28.1 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 2.514 ug/L

RT: 7.795 min Scan# 2021

Delta R.T. 0.006 min

Lab File: VU055646.D

Acq: 03 Oct 2023 17:21

Instrument :

MSVOA_U

ClientSampleId :

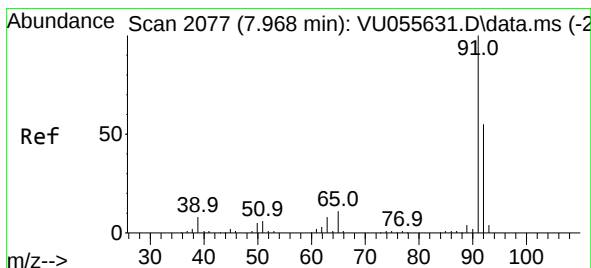
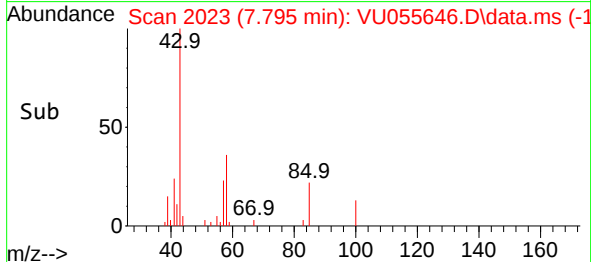
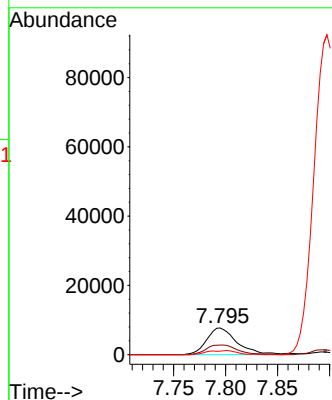
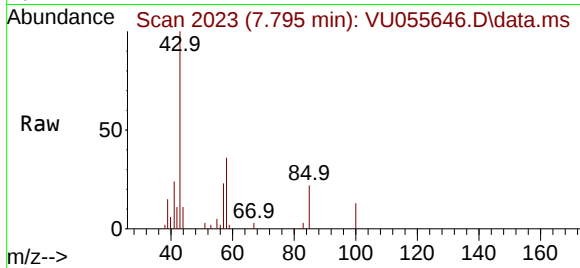
MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 15624
 Ion Ratio Lower Upper
 43 100
 58 37.5 34.2 51.4
 100 0.0 13.4 20.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023



#42

Toluene

Concen: 0.255 ug/L

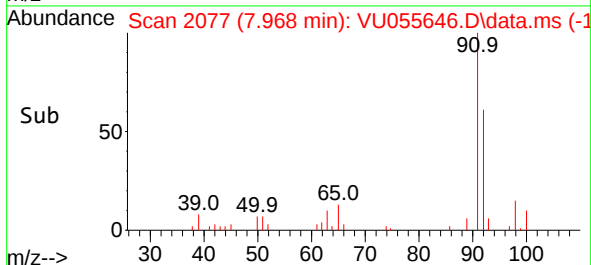
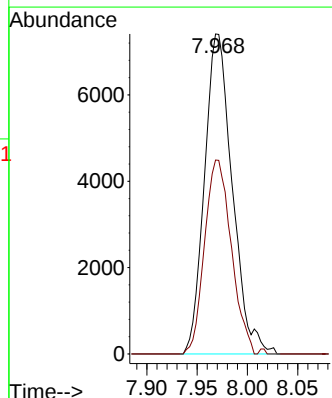
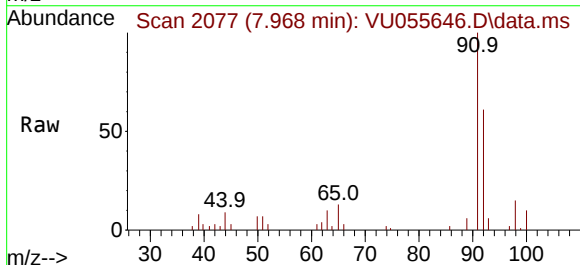
RT: 7.968 min Scan# 2077

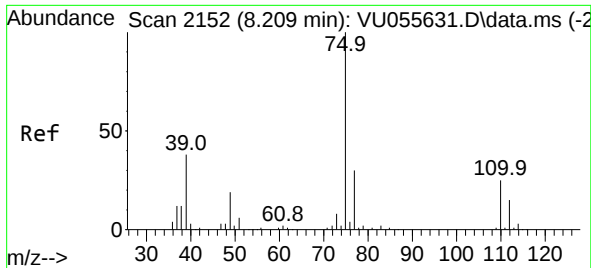
Delta R.T. 0.000 min

Lab File: VU055646.D

Acq: 03 Oct 2023 17:21

Tgt Ion: 91 Resp: 14235
 Ion Ratio Lower Upper
 91 100
 92 60.6 40.3 74.8





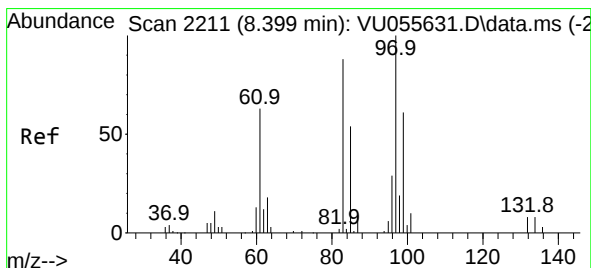
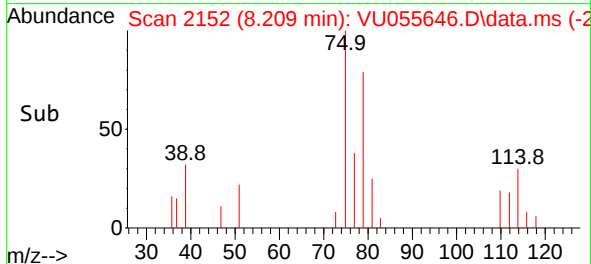
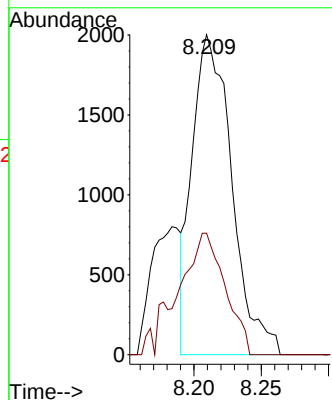
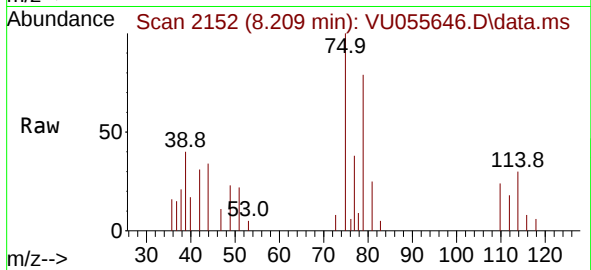
#44
trans-1,3-Dichloropropene
Concen: 0.281 ug/L m
RT: 8.209 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
77 38.0 21.8 40.4

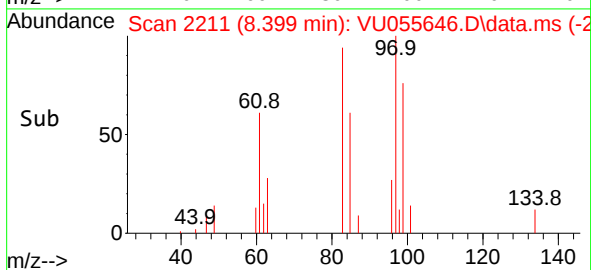
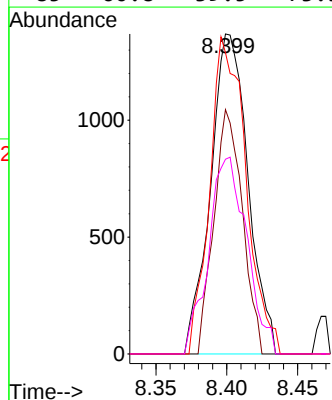
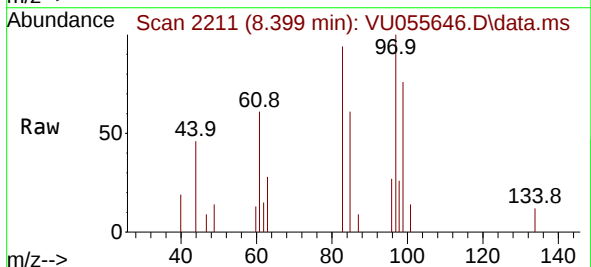
Manual Integrations
APPROVED

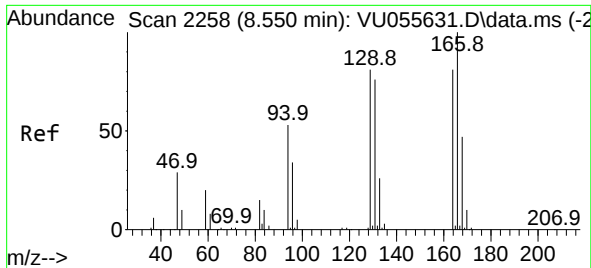
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#45
1,1,2-Trichloroethane
Concen: 0.263 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

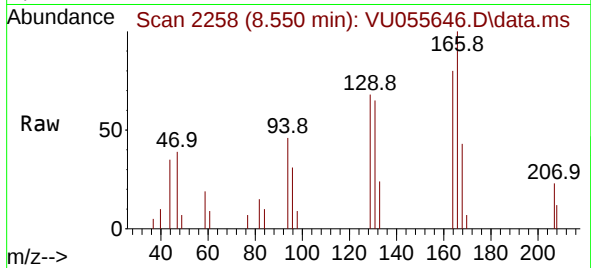
Tgt Ion: 97 Resp: 2524
Ion Ratio Lower Upper
97 100
99 76.3 44.1 81.9
83 94.2 61.5 114.1
85 60.8 39.5 73.3





#47
Tetrachloroethene
Concen: 0.259 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

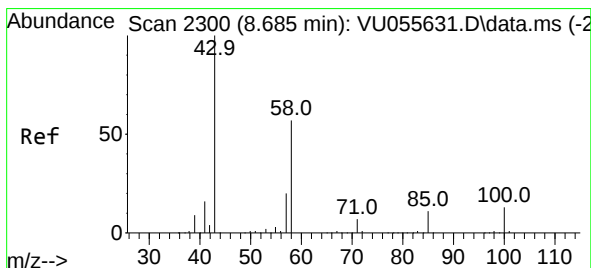
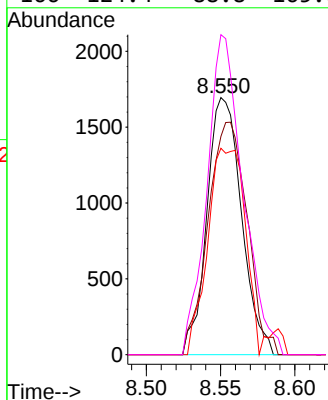
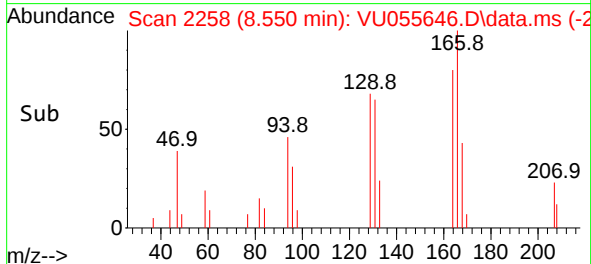
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:164 Resp: 2749
Ion Ratio Lower Upper
164 100
129 84.8 67.4 125.2
131 80.2 66.4 123.2
166 124.4 88.8 165.0

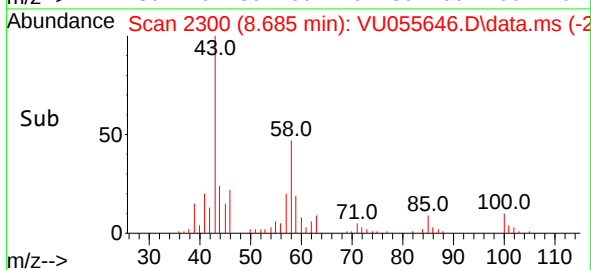
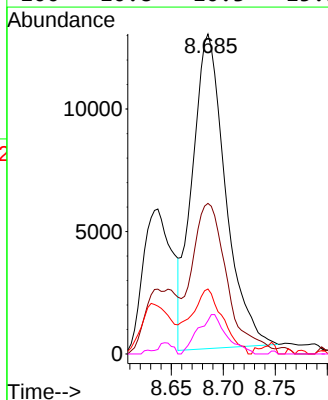
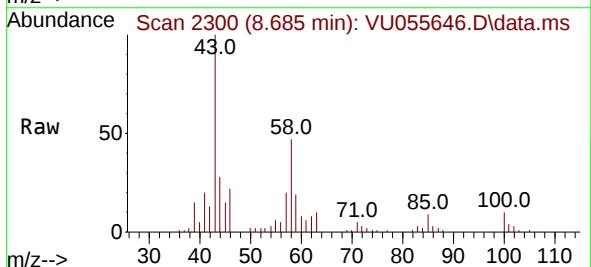
Manual Integrations
APPROVED

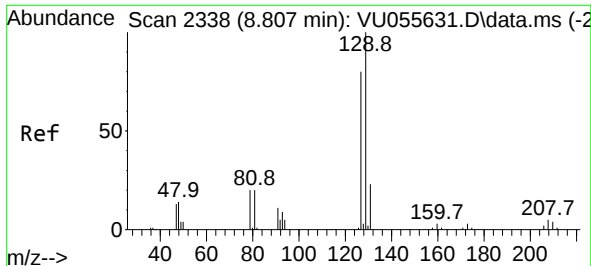
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#48
2-Hexanone
Concen: 5.932 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Tgt Ion: 43 Resp: 28570
Ion Ratio Lower Upper
43 100
58 46.1 48.5 72.7#
57 20.0 17.0 25.4
100 10.8 10.3 15.5





#49

Dibromochloromethane

Concen: 0.288 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055646.D

Acq: 03 Oct 2023 17:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:129 Resp: 289

Ion Ratio Lower Upper

129 100

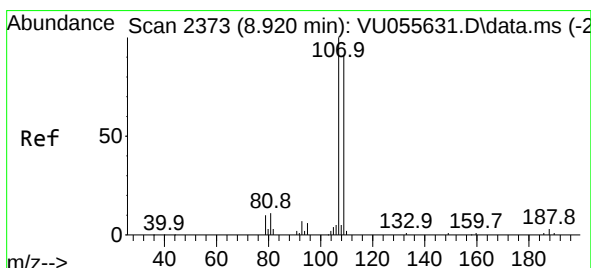
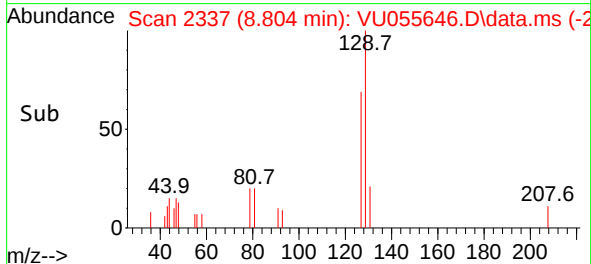
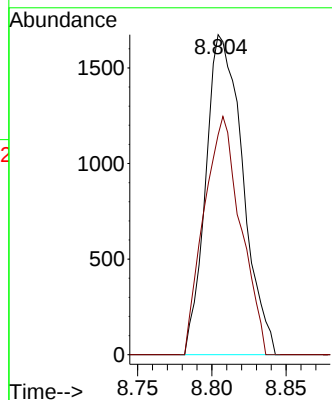
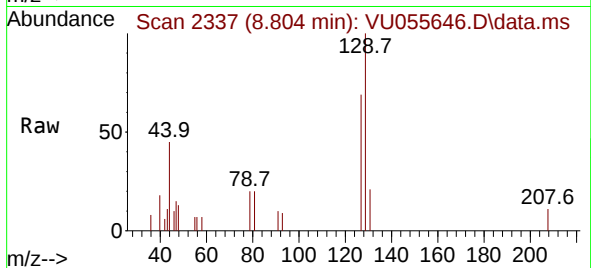
127 68.7 56.8 105.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023

Supervised By :Semsettin Yesilyurt 10/06/2023



#50

1,2-Dibromoethane

Concen: 0.286 ug/L

RT: 8.930 min Scan# 2376

Delta R.T. 0.010 min

Lab File: VU055646.D

Acq: 03 Oct 2023 17:21

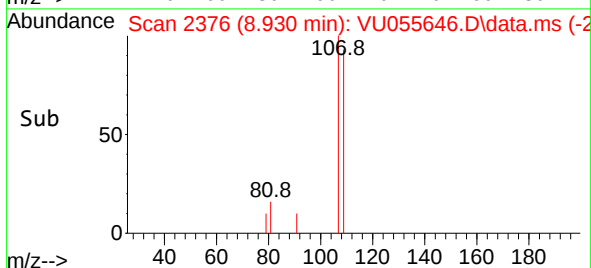
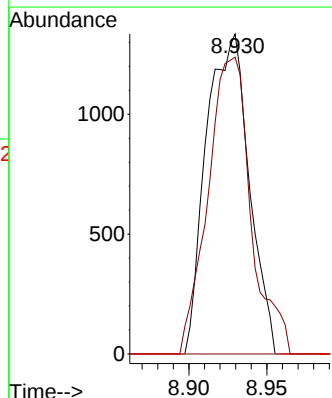
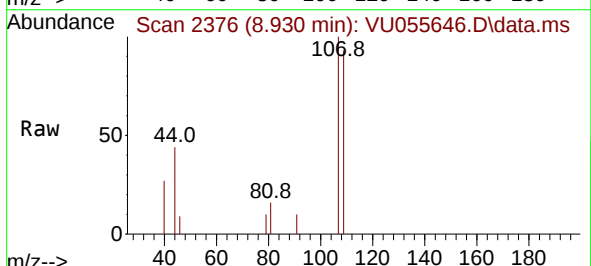
Tgt Ion:107 Resp: 2548

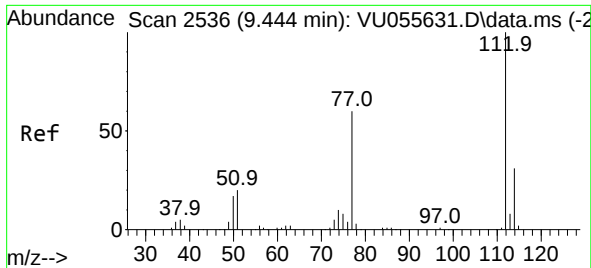
Ion Ratio Lower Upper

107 100

109 92.7 66.1 122.8

188 0.0 3.2 4.8





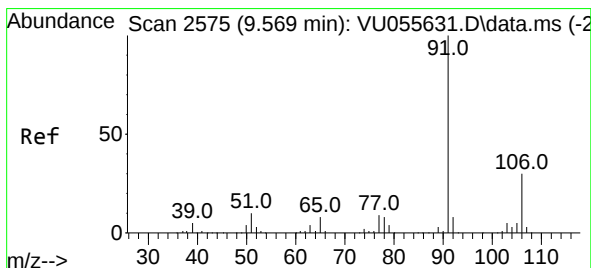
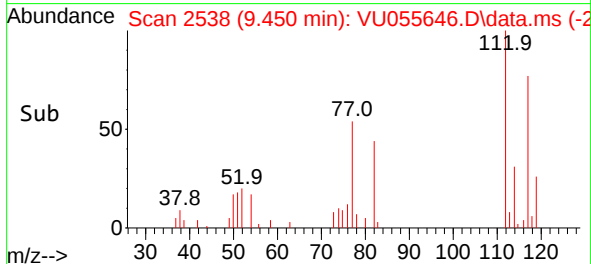
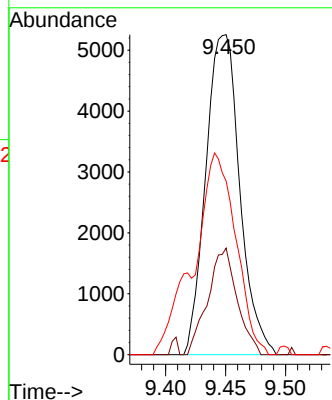
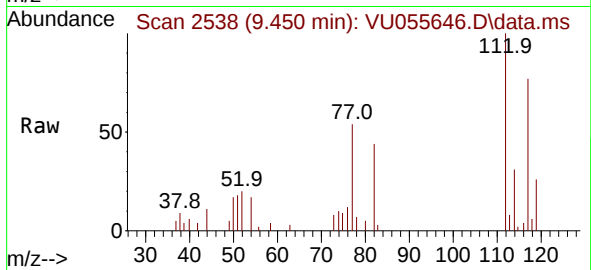
#51
Chlorobenzene
Concen: 0.290 ug/L
RT: 9.450 min Scan# 2538
Delta R.T. 0.006 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:112 Resp: 1036
Ion Ratio Lower Upper
112 100
114 30.7 22.0 40.8
77 50.0 46.9 70.3

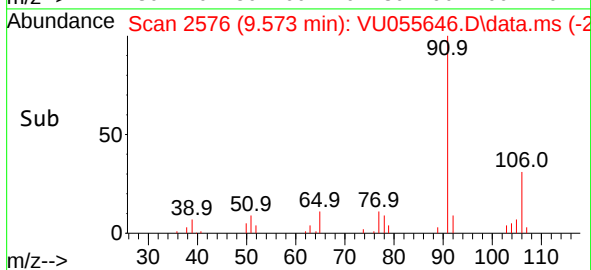
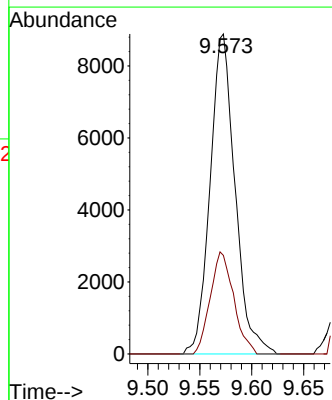
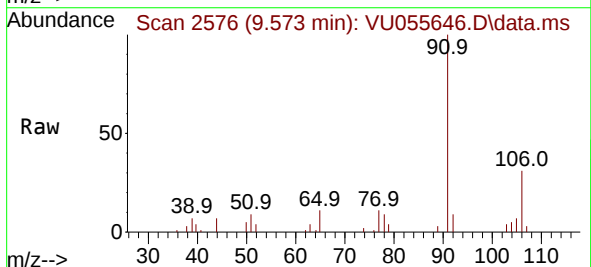
Manual Integrations
APPROVED

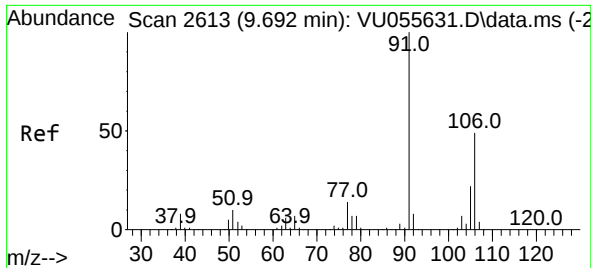
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#52
Ethylbenzene
Concen: 0.247 ug/L
RT: 9.573 min Scan# 2576
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Tgt Ion: 91 Resp: 14814
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6





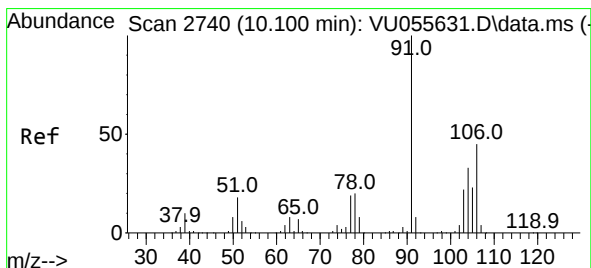
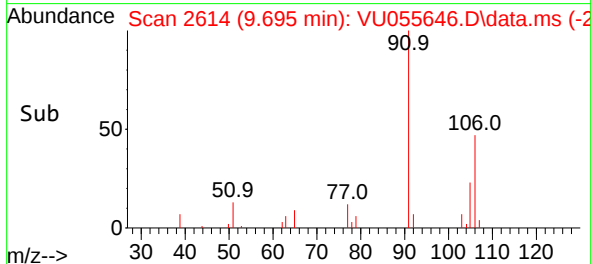
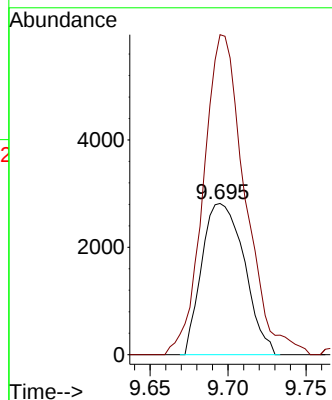
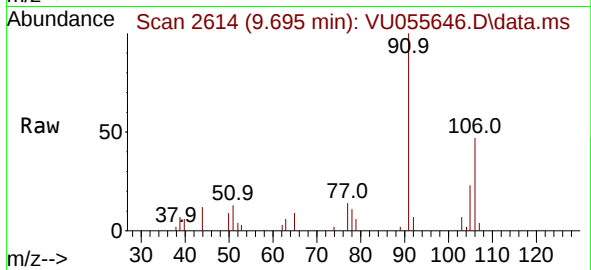
#53
m,p-Xylene
Concen: 0.238 ug/L
RT: 9.695 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:106 Resp: 534
Ion Ratio Lower Upper
106 100
91 211.7 144.8 269.0

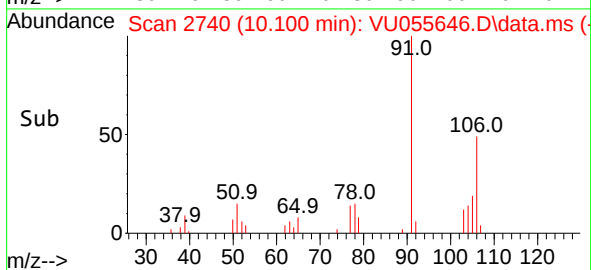
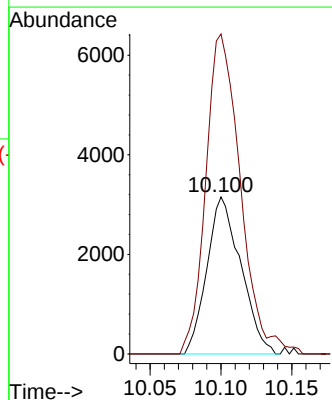
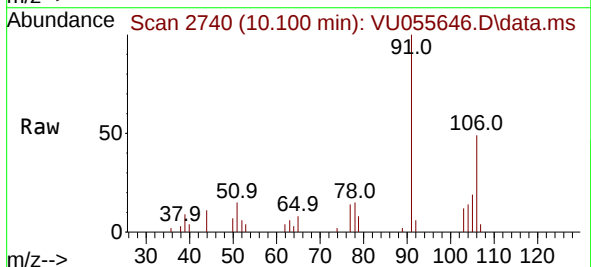
Manual Integrations
APPROVED

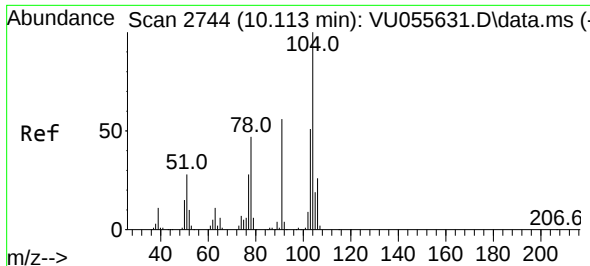
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#54
o-Xylene
Concen: 0.240 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

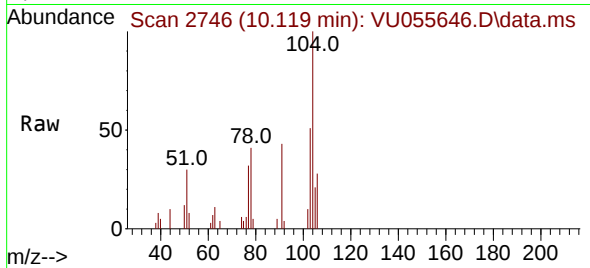
Tgt Ion:106 Resp: 5247
Ion Ratio Lower Upper
106 100
91 203.9 157.6 292.8





#55
Styrene
Concen: 0.215 ug/L
RT: 10.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

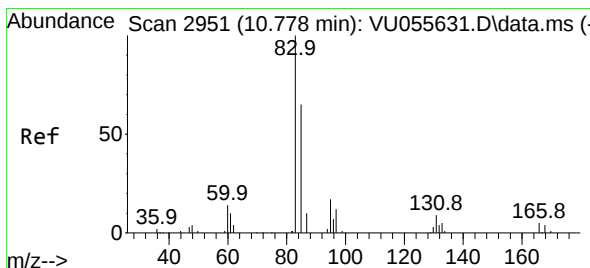
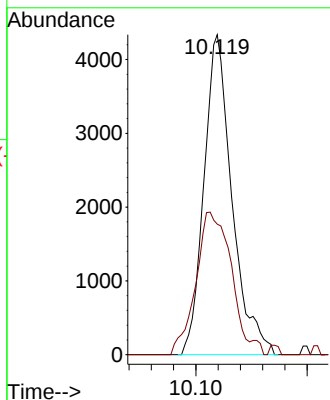
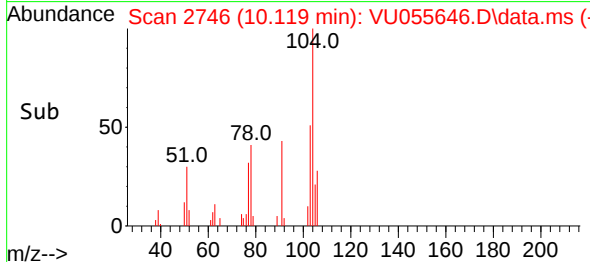
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:104 Resp: 7570
Ion Ratio Lower Upper
104 100
78 40.8 31.2 58.0

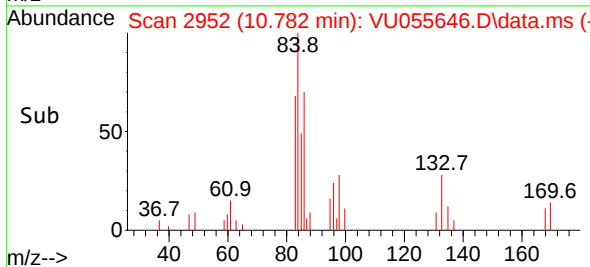
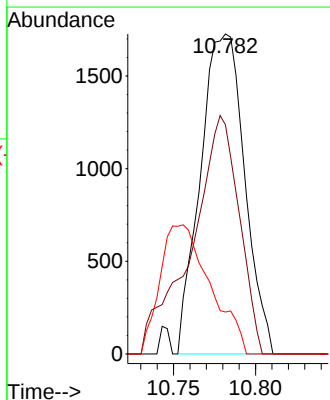
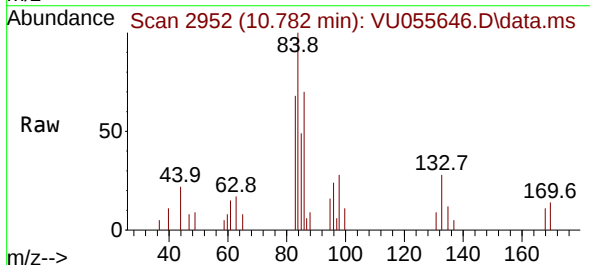
Manual Integrations
APPROVED

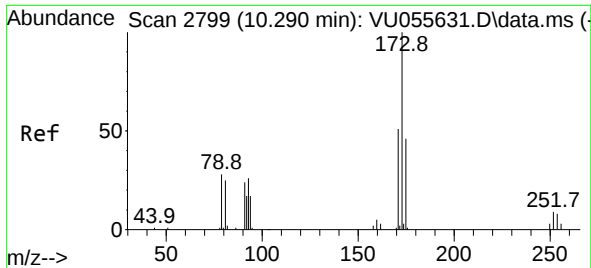
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#57
1,1,2,2-Tetrachloroethane
Concen: 0.298 ug/L
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

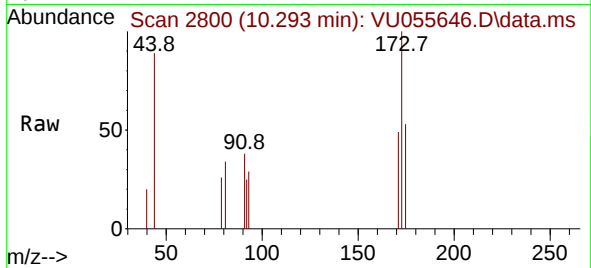
Tgt Ion: 83 Resp: 3236
Ion Ratio Lower Upper
83 100
85 71.6 44.4 82.5
131 13.1 7.4 11.2#





#59
Bromoform
Concen: 0.259 ug/L
RT: 10.293 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

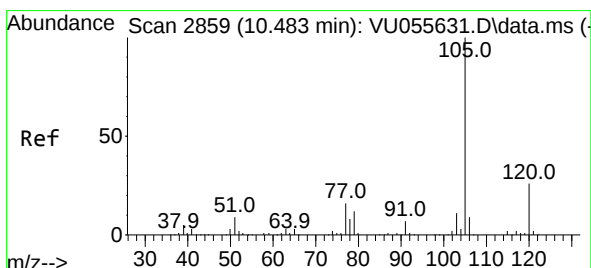
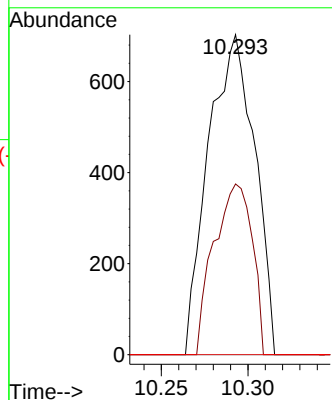
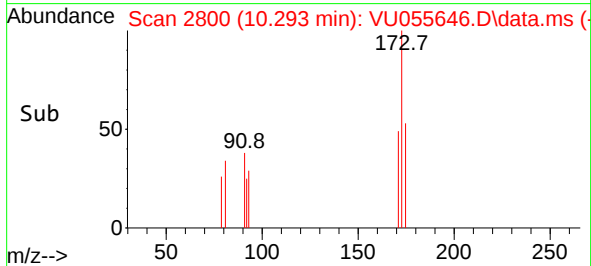
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



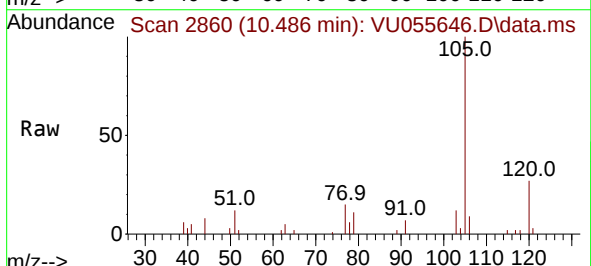
Tgt Ion:173 Resp: 130
Ion Ratio Lower Upper
173 100
175 44.1 39.4 59.2
254 0.0 7.3 10.9

Manual Integrations
APPROVED

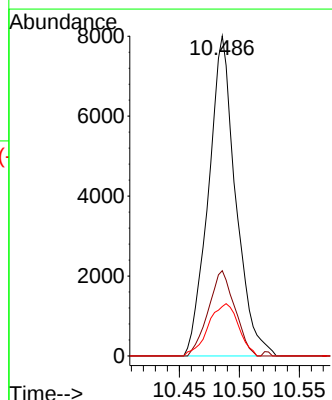
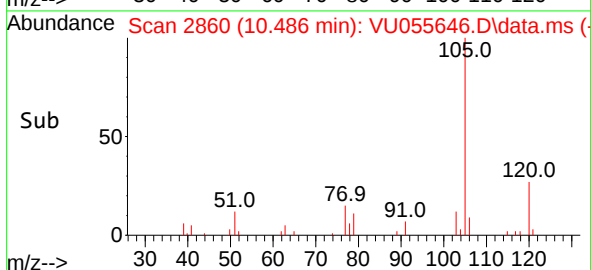
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

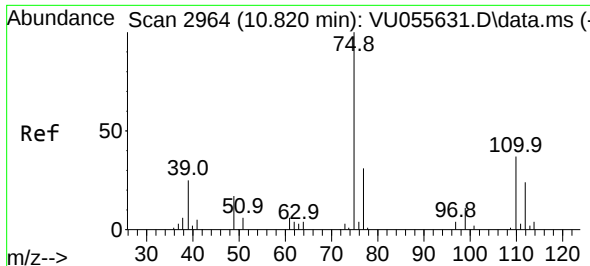


#60
Isopropylbenzene
Concen: 0.233 ug/L
RT: 10.486 min Scan# 2860
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21



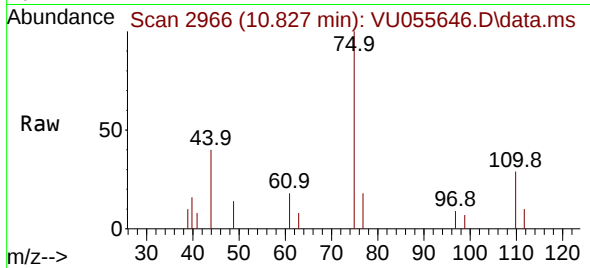
Tgt Ion:105 Resp: 12630
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 18.1 12.6 19.0





#61
1,2,3-Trichloropropane
Concen: 0.334 ug/L
RT: 10.827 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

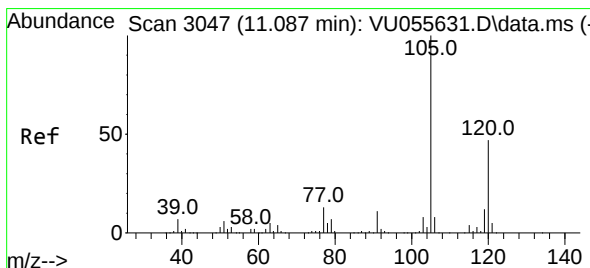
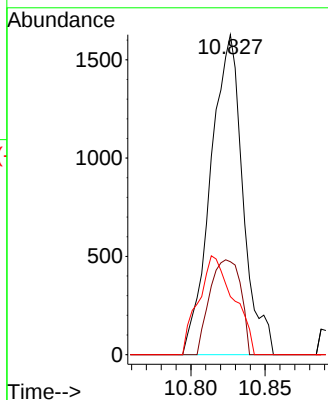
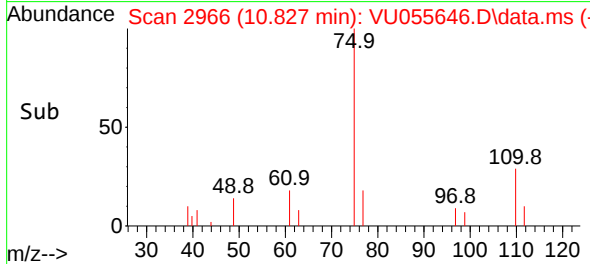
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 75 Resp: 2459
Ion Ratio Lower Upper
75 100
110 28.3 30.6 45.8
77 33.5 26.7 40.1

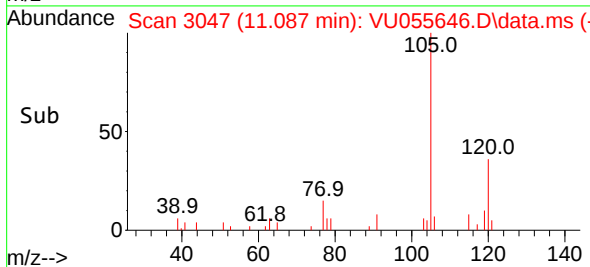
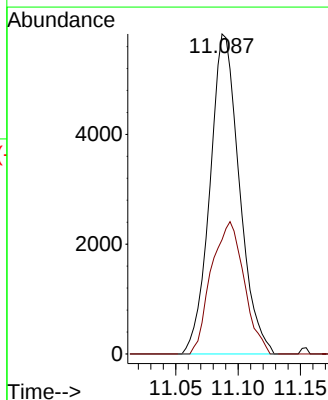
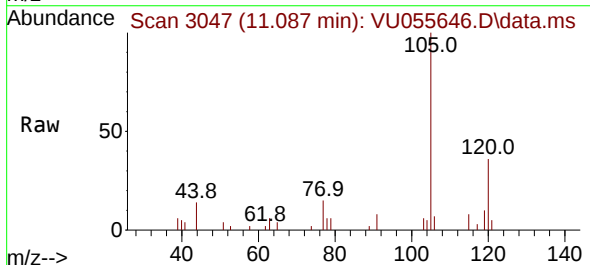
Manual Integrations
APPROVED

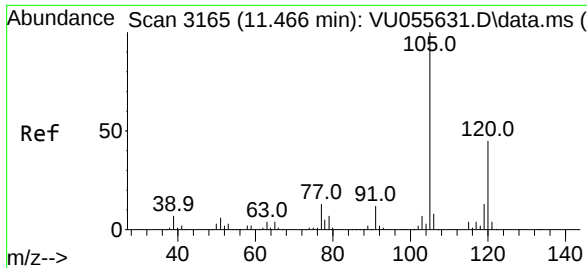
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023



#62
1,3,5-Trimethylbenzene
Concen: 0.221 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

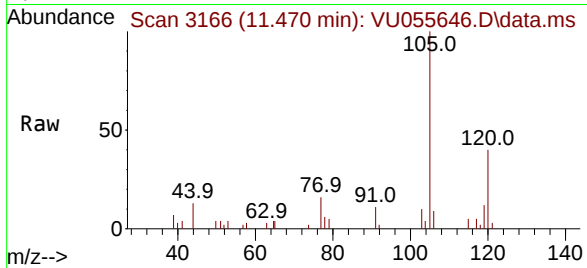
Tgt Ion:105 Resp: 9596
Ion Ratio Lower Upper
105 100
120 45.9 38.1 57.1





#63
1,2,4-Trimethylbenzene
Concen: 0.209 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

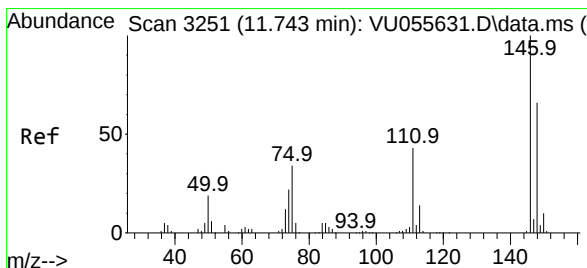
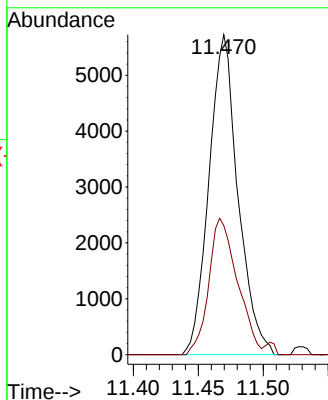
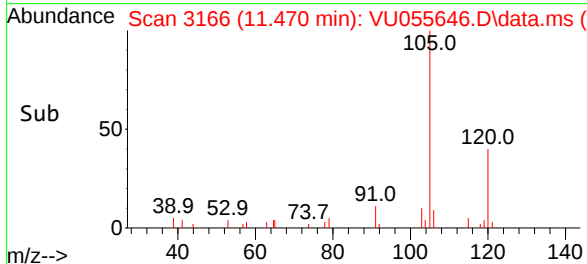
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



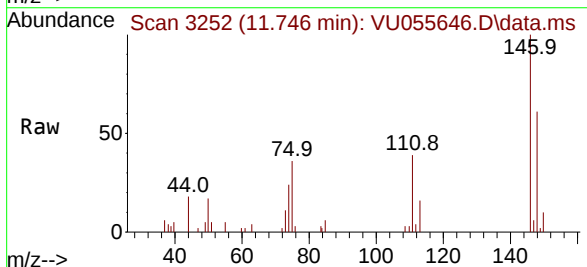
Tgt Ion:105 Resp: 8894
Ion Ratio Lower Upper
105 100
120 42.2 34.9 52.3

Manual Integrations
APPROVED

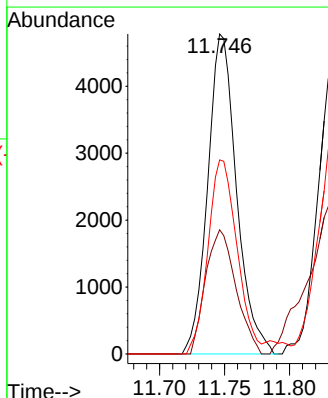
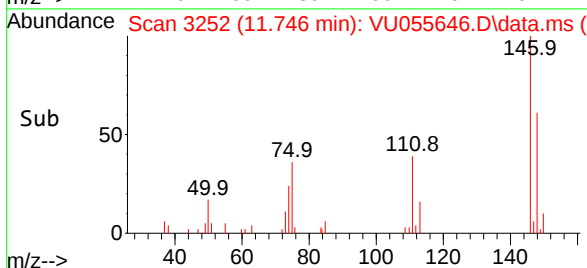
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

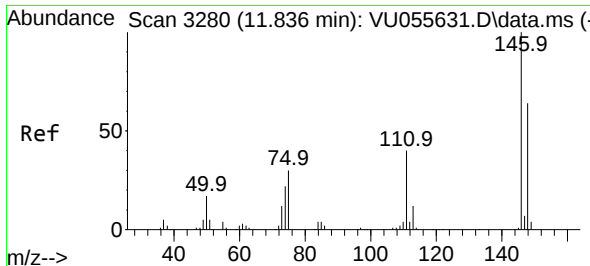


#64
1,3-Dichlorobenzene
Concen: 0.284 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21



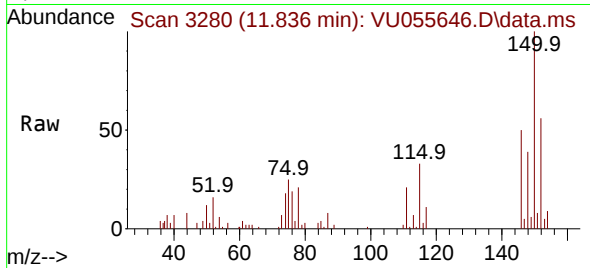
Tgt Ion:146 Resp: 7389
Ion Ratio Lower Upper
146 100
111 38.8 28.8 53.6
148 60.7 44.6 82.8





#65
1,4-Dichlorobenzene
Concen: 0.331 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

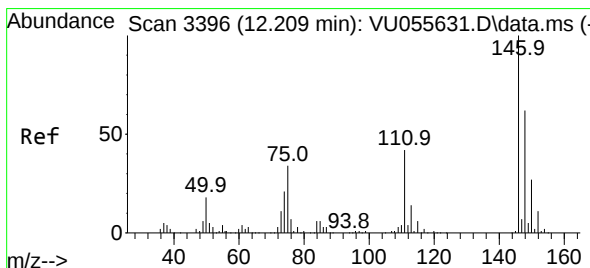
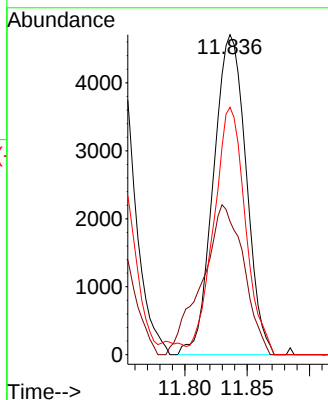
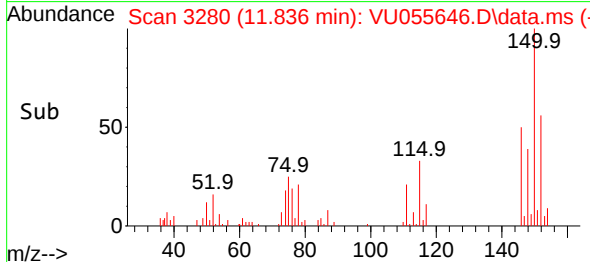
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



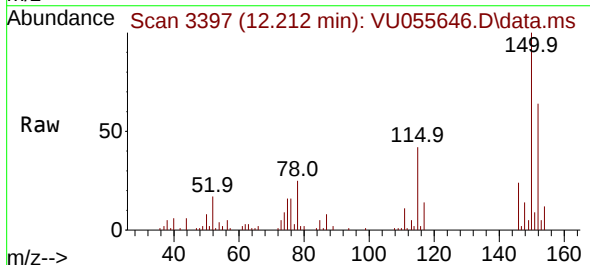
Tgt Ion:146 Resp: 858
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 77.3 45.4 84.4

Manual Integrations
APPROVED

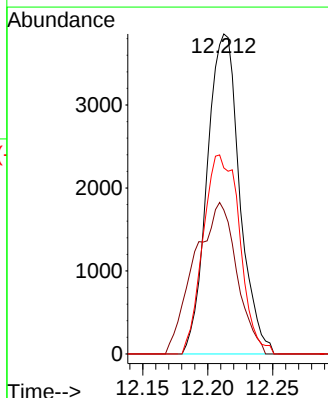
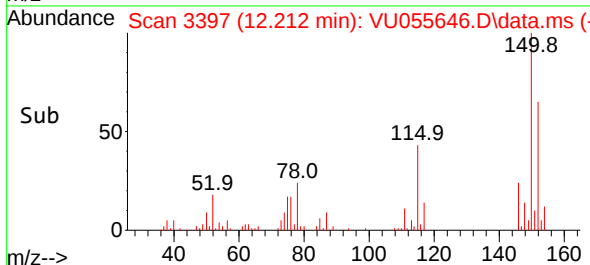
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

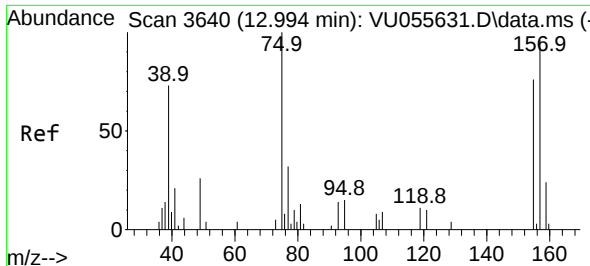


#67
1,2-Dichlorobenzene
Concen: 0.281 ug/L
RT: 12.212 min Scan# 3397
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21



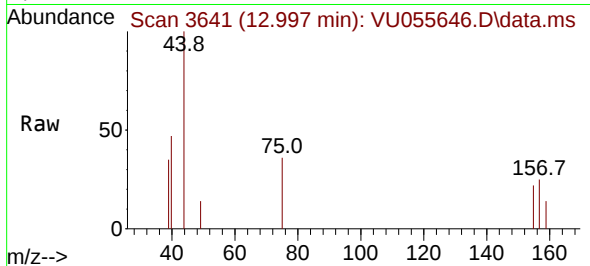
Tgt Ion:146 Resp: 6687
Ion Ratio Lower Upper
146 100
111 50.8 34.6 52.0
148 58.1 51.8 77.8





#68
1,2-Dibromo-3-chloropropane
Concen: 0.239 ug/L
RT: 12.997 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21

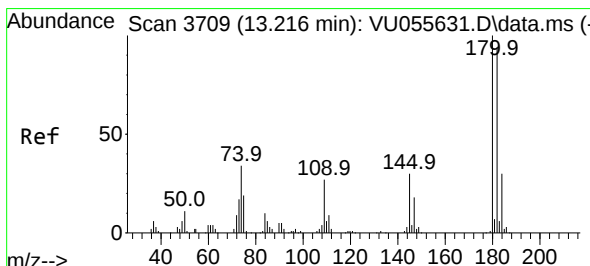
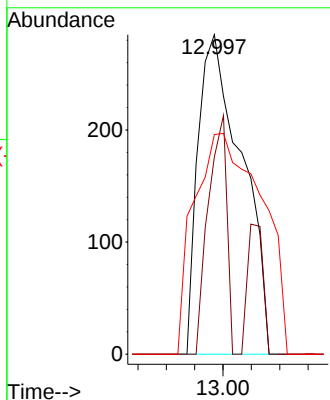
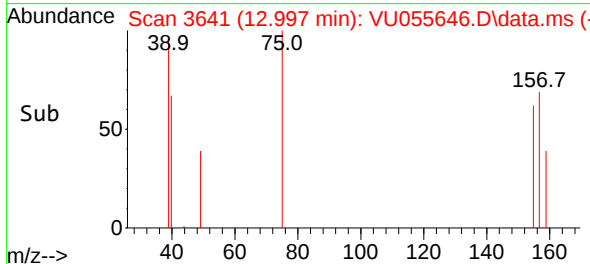
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07



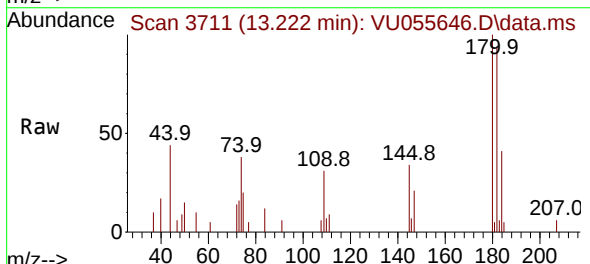
Tgt Ion: 75 Resp: 309
Ion Ratio Lower Upper
75 100
155 61.8 69.2 103.8
157 68.8 81.9 122.9

Manual Integrations
APPROVED

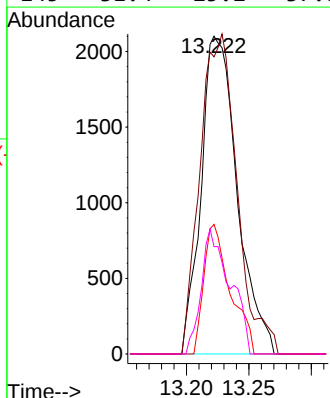
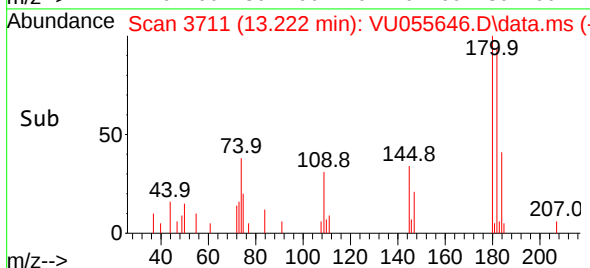
Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

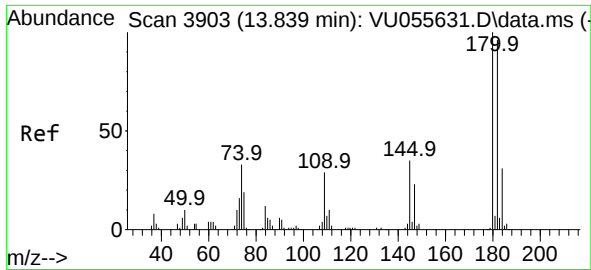


#69
1,3,5-Trichlorobenzene
Concen: 0.237 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.007 min
Lab File: VU055646.D
Acq: 03 Oct 2023 17:21



Tgt Ion:180 Resp: 4233
Ion Ratio Lower Upper
180 100
182 103.2 77.1 115.7
184 29.8 24.0 36.0
145 31.4 25.2 37.8





#70

1,2,4-trichlorobenzene

Concen: 0.362 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.010 min

Lab File: VU055646.D

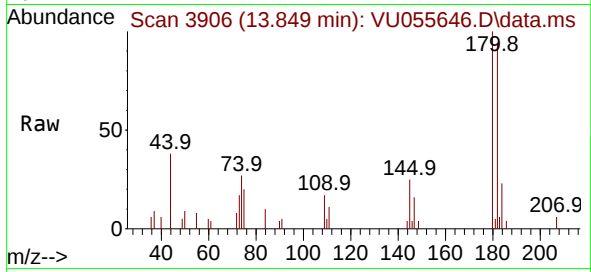
Acq: 03 Oct 2023 17:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT4-2023-07



Tgt Ion:180 Resp: 493

Ion Ratio Lower Upper

180 100

182 90.9 76.4 114.6

145 27.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023

Supervised By :Semsettin Yesilyurt 10/06/2023

