

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043058.D
 Acq On : 15 Aug 2024 17:21
 Operator : JC/MD
 Sample : P3390-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 16 02:15:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 02:11:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72251	51.912	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.820%			
35) Dibromofluoromethane	5.385	113	59200	50.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.647	98	222350	48.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.600%			
62) 4-Bromofluorobenzene	11.079	95	75299	45.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2517	2.350	ug/l	88
3) Chloromethane	1.301	50	4096	2.584	ug/l	96
4) Vinyl Chloride	1.374	62	4163	2.615	ug/l	99
5) Bromomethane	1.599	94	1637	3.393	ug/l	90
6) Chloroethane	1.666	64	1800	3.587	ug/l	89
7) Trichlorofluoromethane	1.874	101	5198	3.122	ug/l	99
8) Diethyl Ether	2.136	74	2424	3.147	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	3095	2.600	ug/l	98
10) Methyl Iodide	2.441	142	3021	2.377	ug/l #	87
11) Tert butyl alcohol	2.995	59	4371	12.172	ug/l #	77
12) 1,1-Dichloroethene	2.306	96	3425	2.681	ug/l #	79
13) Acrolein	2.239	56	4617	12.718	ug/l	96
14) Allyl chloride	2.654	41	5639	2.355	ug/l	95
15) Acrylonitrile	3.075	53	11454	12.878	ug/l	96
16) Acetone	2.392	43	9038	13.093	ug/l #	82
17) Carbon Disulfide	2.502	76	8891	2.427	ug/l	98
18) Methyl Acetate	2.709	43	6624	2.904	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	11178	2.596	ug/l	93
20) Methylene Chloride	2.788	84	4369	2.737	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	3512	2.636	ug/l #	70
22) Diisopropyl ether	3.770	45	12438	2.544	ug/l #	82
23) Vinyl Acetate	3.727	43	68215	11.967	ug/l	100
24) 1,1-Dichloroethane	3.605	63	6520	2.644	ug/l	98
25) 2-Butanone	4.580	43	15727	12.996	ug/l	96
26) 2,2-Dichloropropane	4.465	77	3702	1.884	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	4104	2.552	ug/l	87
28) Bromochloromethane	4.904	49	2919	2.616	ug/l #	100
29) Tetrahydrofuran	5.026	42	10678	12.731	ug/l	98
30) Chloroform	5.099	83	6346	2.679	ug/l	93
31) Cyclohexane	5.464	56	5741	2.475	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	5364	2.712	ug/l	100
36) 1,1-Dichloropropene	5.696	75	4368	2.664	ug/l	96
37) Ethyl Acetate	4.739	43	5367	2.323	ug/l #	82
38) Carbon Tetrachloride	5.678	117	4390	2.647	ug/l	98
39) Methylcyclohexane	7.379	83	5563	2.450	ug/l	94
40) Benzene	6.037	78	13861	2.481	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	3146	2.584	ug/l	97
42) 1,2-Dichloroethane	6.092	62	4605	2.834	ug/l	100
43) Isopropyl Acetate	6.348	43	8492	2.278	ug/l	97
44) Trichloroethene	7.129	130	3263	2.579	ug/l	88
45) 1,2-Dichloropropane	7.434	63	3550	2.582	ug/l	98
46) Dibromomethane	7.592	93	2409	2.563	ug/l	95
47) Bromodichloromethane	7.824	83	4862	2.664	ug/l #	92
48) Methyl methacrylate	7.702	41	4042	2.432	ug/l	89
49) 1,4-Dioxane	7.677	88	1628	44.731	ug/l #	69
51) 4-Methyl-2-Pentanone	8.580	43	29687	12.533	ug/l	97
52) Toluene	8.720	92	8702	2.578	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	4208	2.111	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	5095	2.324	ug/l #	84
55) 1,1,2-Trichloroethane	9.159	97	3532	2.664	ug/l	93
56) Ethyl methacrylate	9.122	69	5704	2.376	ug/l	96
57) 1,3-Dichloropropane	9.311	76	5576	2.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	12661	11.240	ug/l	100
59) 2-Hexanone	9.433	43	22487	12.353	ug/l	97
60) Dibromochloromethane	9.519	129	3507	2.509	ug/l	100
61) 1,2-Dibromoethane	9.610	107	3435	2.570	ug/l	96
64) Tetrachloroethene	9.275	164	3157	3.063	ug/l	95
65) Chlorobenzene	10.079	112	9193	2.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3133	2.698	ug/l	94
67) Ethyl Benzene	10.195	91	15387	2.570	ug/l	96
68) m/p-Xylenes	10.305	106	12066	5.240	ug/l	93
69) o-Xylene	10.640	106	6204	2.682	ug/l	92
70) Styrene	10.659	104	9742	2.512	ug/l	96
71) Bromoform	10.799	173	2448	2.539	ug/l #	100
73) Isopropylbenzene	10.963	105	14338	2.719	ug/l	98
74) N-amyl acetate	10.848	43	7908	2.633	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	5390	2.655	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	4842m	3.056	ug/l	
77) Bromobenzene	11.201	156	3597	2.839	ug/l	92
78) n-propylbenzene	11.305	91	15734	2.618	ug/l	99
79) 2-Chlorotoluene	11.366	91	9883	2.642	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	11928	2.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1462	2.013	ug/l #	83
82) 4-Chlorotoluene	11.457	91	10391	2.493	ug/l	94
83) tert-Butylbenzene	11.713	119	12050	2.680	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11574	2.641	ug/l	95
85) sec-Butylbenzene	11.890	105	13894	2.546	ug/l	100
86) p-Isopropyltoluene	12.012	119	11417	2.560	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	6158	2.703	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	6622	2.841	ug/l	92
89) n-Butylbenzene	12.335	91	8438	2.186	ug/l	96
90) Hexachloroethane	12.536	117	2286	2.553	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	6085	2.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1032	2.599	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	2980	2.305	ug/l	95
94) Hexachlorobutadiene	13.725	225	1319	2.734	ug/l	96
95) Naphthalene	13.780	128	12635	2.475	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3279	2.480	ug/l	97

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MDL-WATER-03-QT3-2024

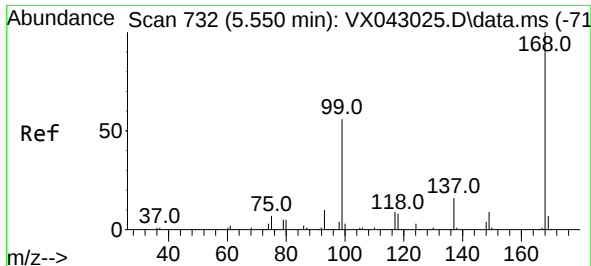
Manual Integrations
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Supervised By :Semsettin Yesilyurt 08/16/2024

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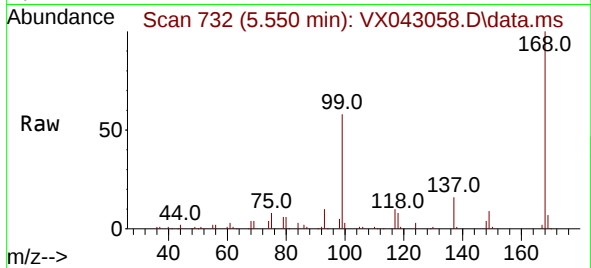
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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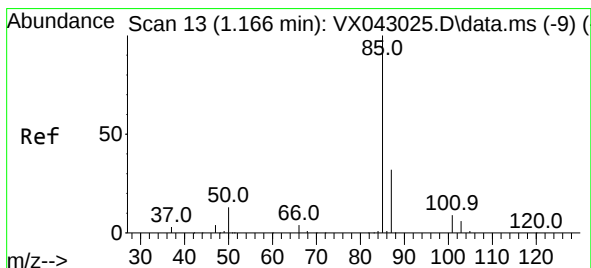
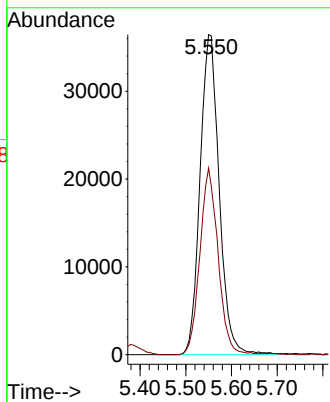
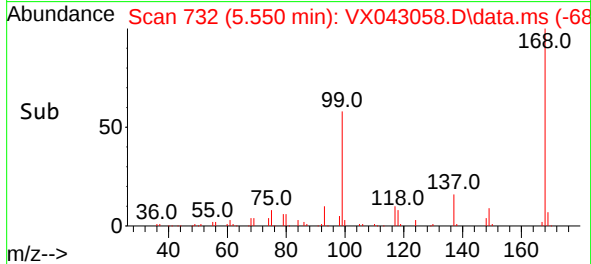
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:168 Resp: 105920
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0

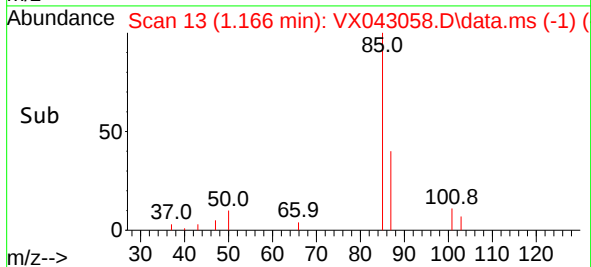
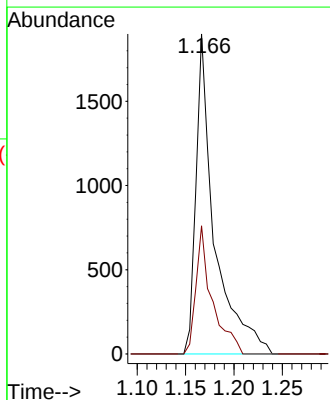
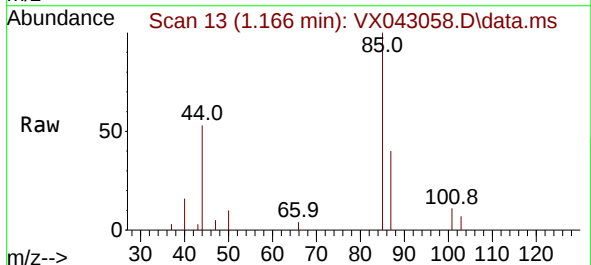
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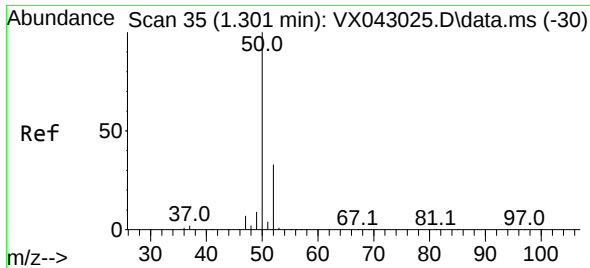
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#2
Dichlorodifluoromethane
Concen: 2.350 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

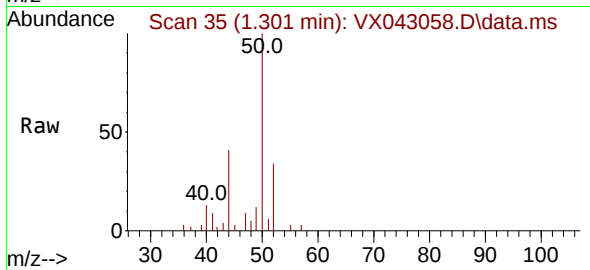
Tgt Ion: 85 Resp: 2517
Ion Ratio Lower Upper
85 100
87 40.1 16.7 50.1





#3
Chloromethane
Concen: 2.584 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

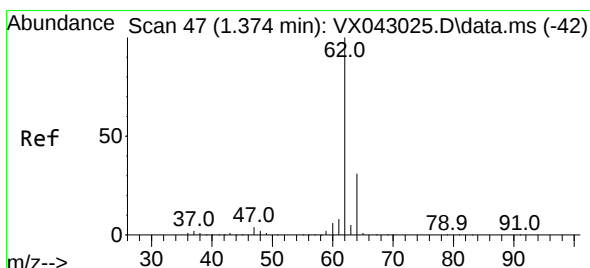
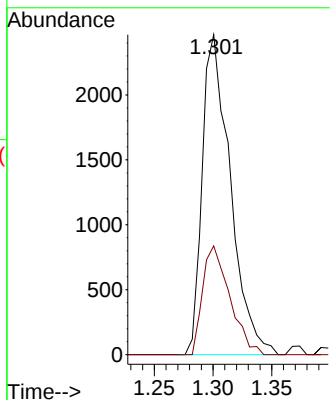
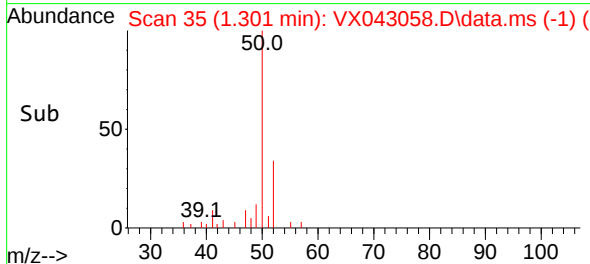
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 50 Resp: 4090
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

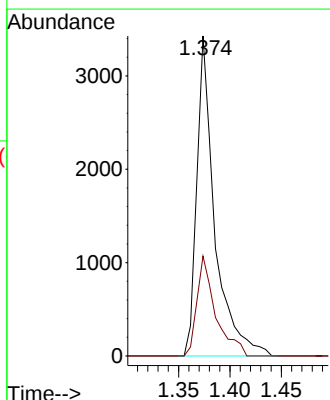
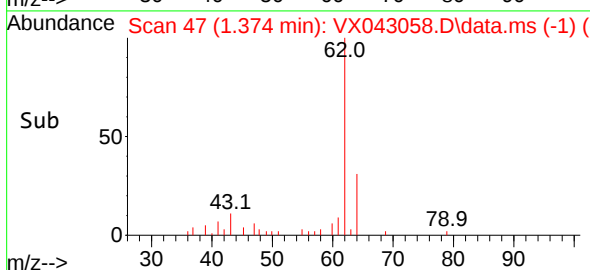
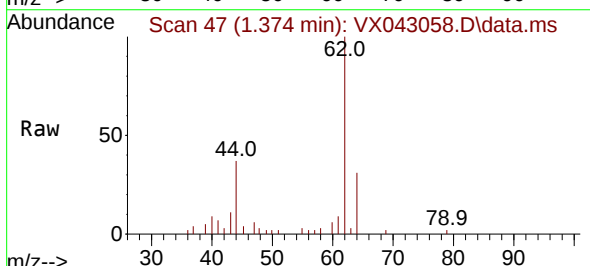
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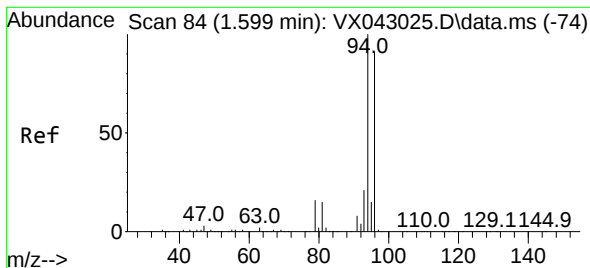
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#4
Vinyl Chloride
Concen: 2.615 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 62 Resp: 4163
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





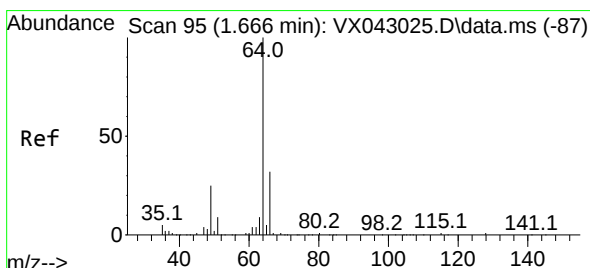
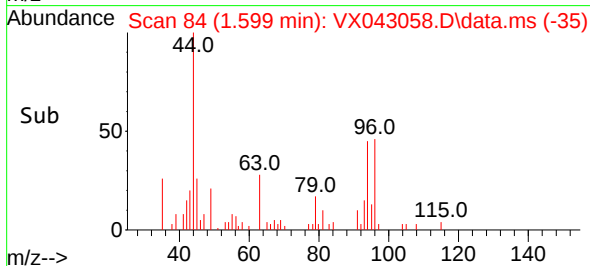
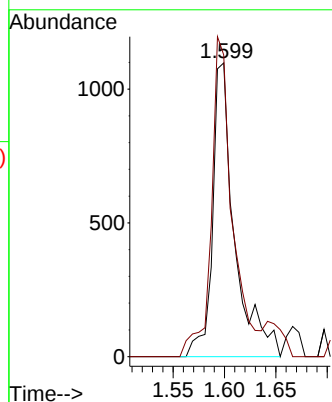
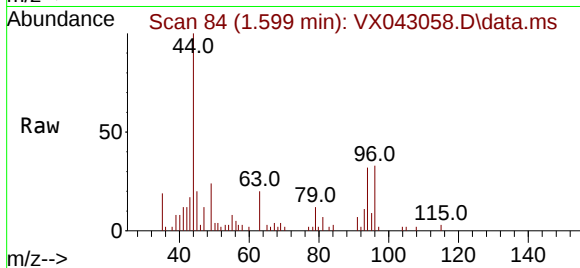
#5
Bromomethane
Concen: 3.393 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043058.D
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Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 102.7 74.6 111.8

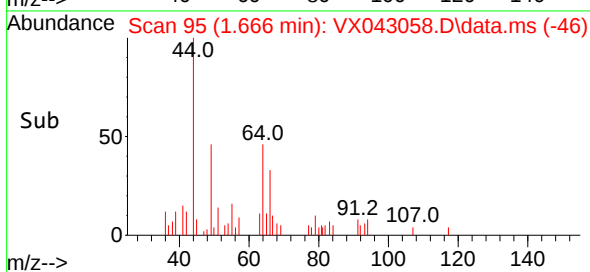
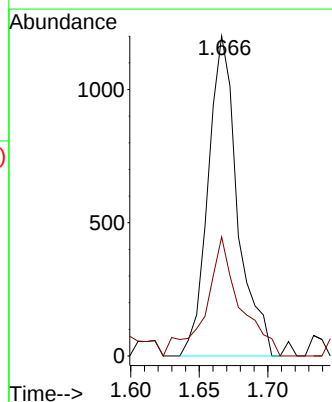
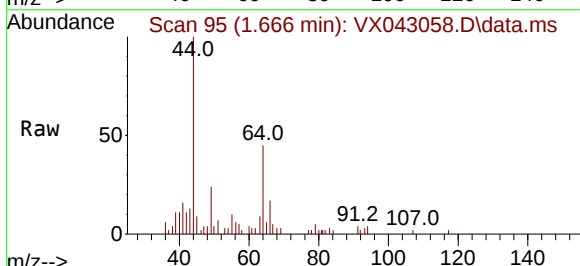
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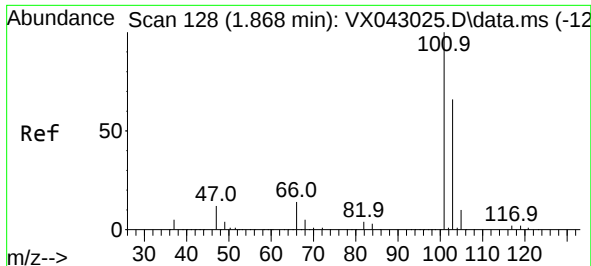
Reviewed By :Mahesh Dadoda 08/16/2024
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#6
Chloroethane
Concen: 3.587 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 64 Resp: 1800
Ion Ratio Lower Upper
64 100
66 37.2 25.1 37.7





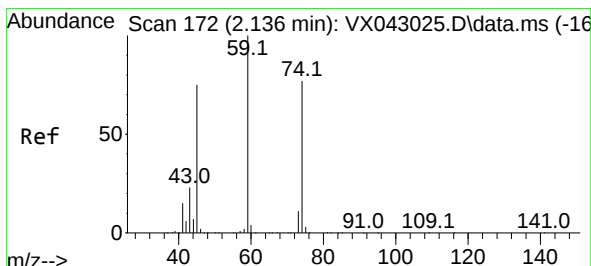
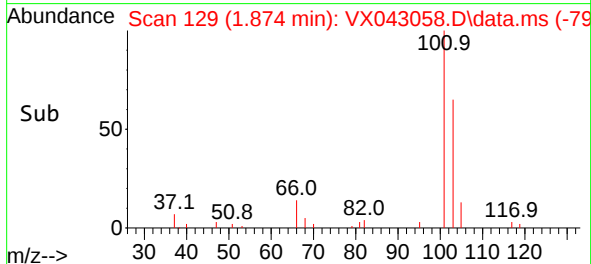
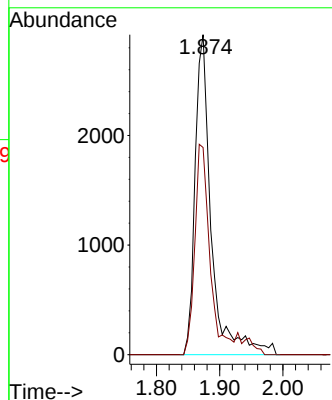
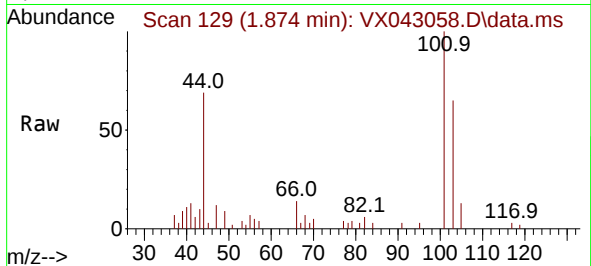
#7
Trichlorofluoromethane
Concen: 3.122 ug/l
RT: 1.874 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:101 Resp: 5198
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

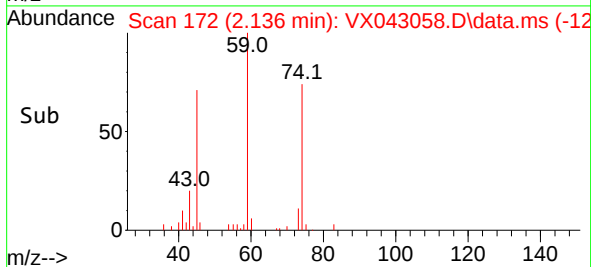
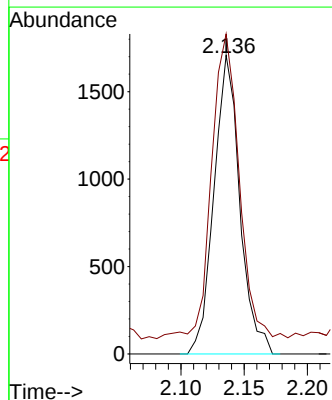
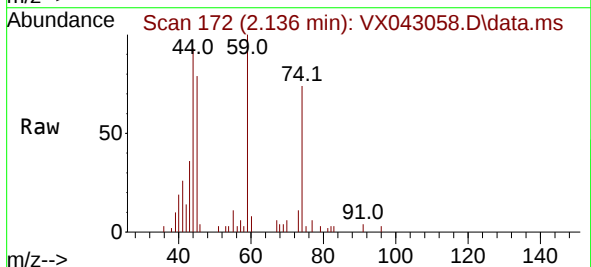
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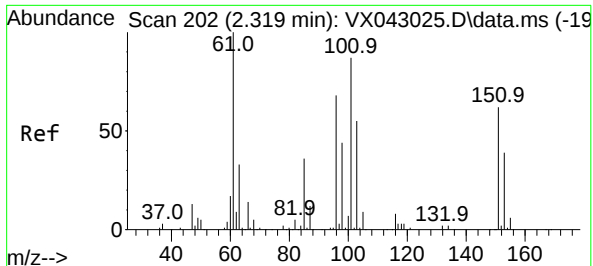
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#8
Diethyl Ether
Concen: 3.147 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 74 Resp: 2424
Ion Ratio Lower Upper
74 100
45 108.9 53.3 159.8





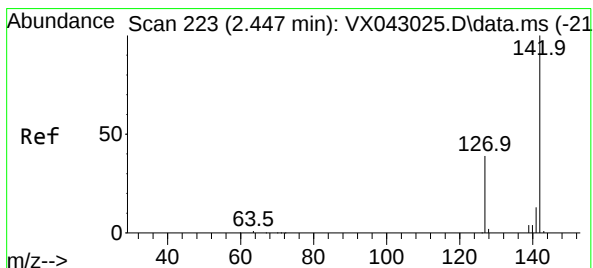
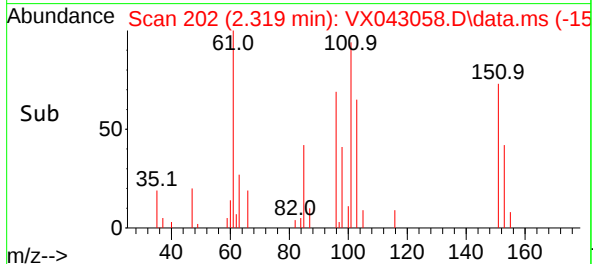
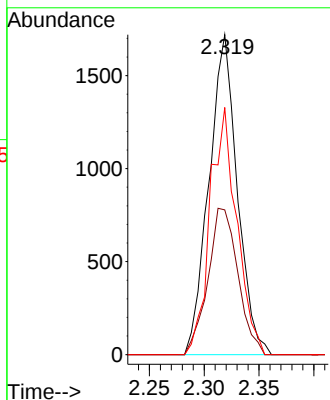
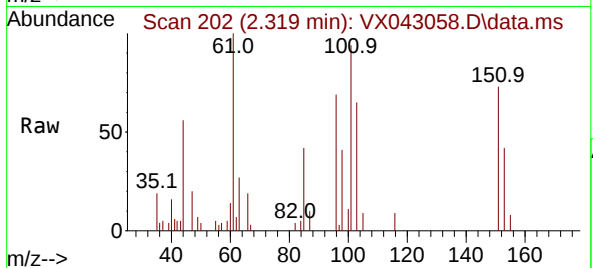
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.600 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:101 Resp: 3098
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 72.9 58.6 87.8

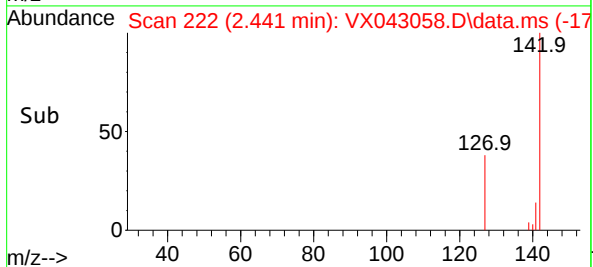
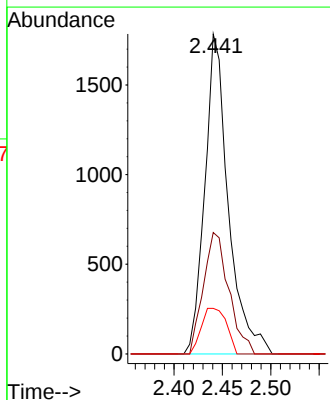
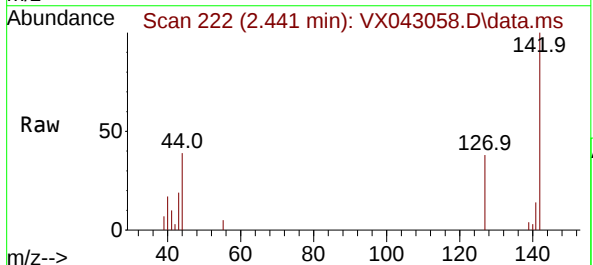
Manual Integrations
APPROVED

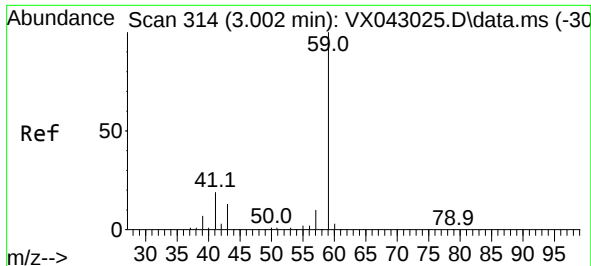
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#10
Methyl Iodide
Concen: 2.377 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:142 Resp: 3021
Ion Ratio Lower Upper
142 100
127 40.9 41.6 62.4#
141 15.2 11.6 17.4





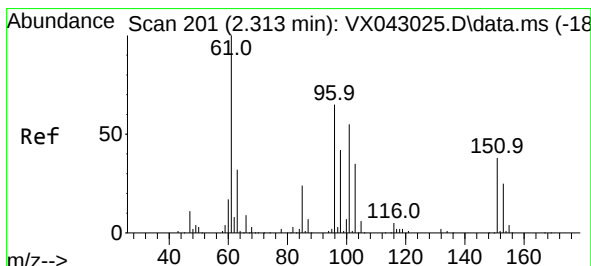
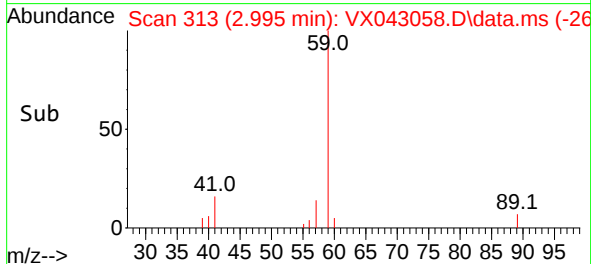
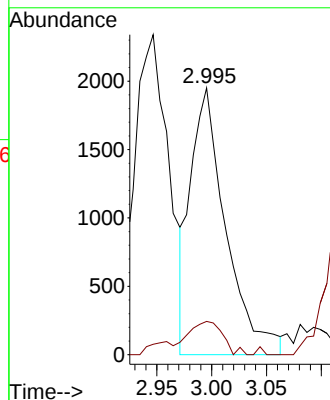
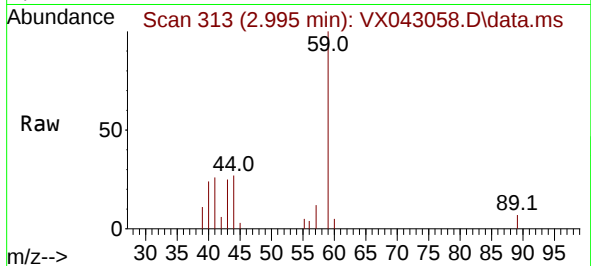
#11
Tert butyl alcohol
Concen: 12.172 ug/l
RT: 2.995 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 59 Resp: 437
Ion Ratio Lower Upper
59 100
57 15.4 6.0 9.0

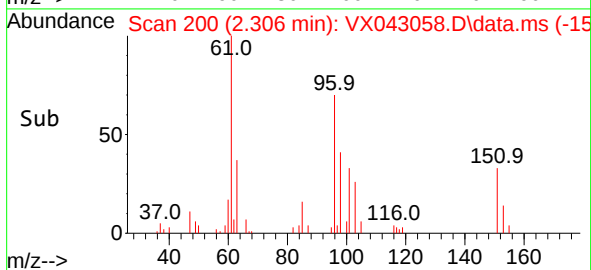
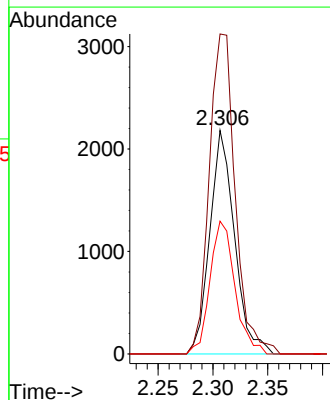
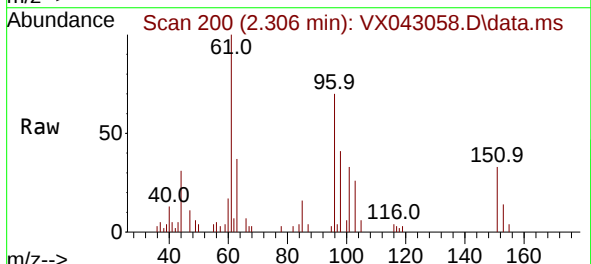
Manual Integrations
APPROVED

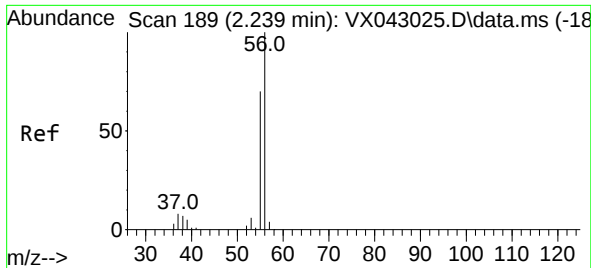
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#12
1,1-Dichloroethene
Concen: 2.681 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

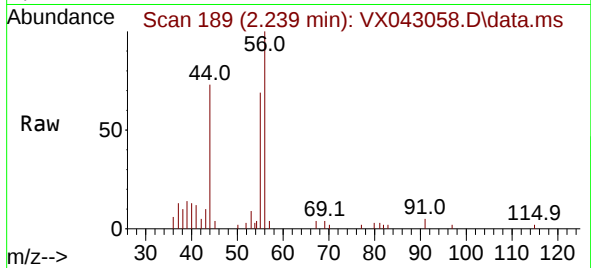
Tgt Ion: 96 Resp: 3425
Ion Ratio Lower Upper
96 100
61 143.1 144.6 216.8#
98 59.4 50.4 75.6





#13
Acrolein
Concen: 12.718 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

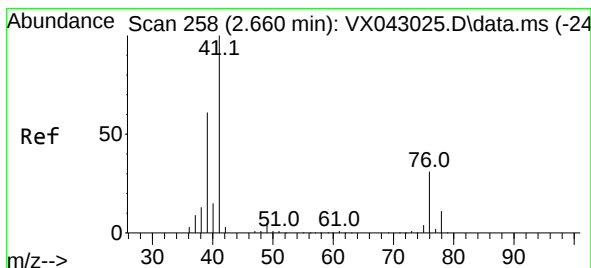
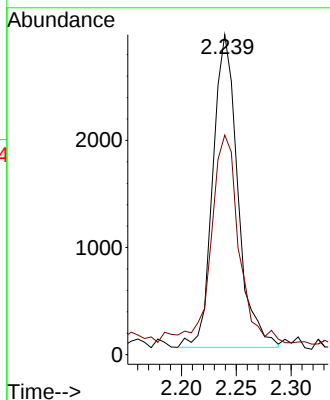
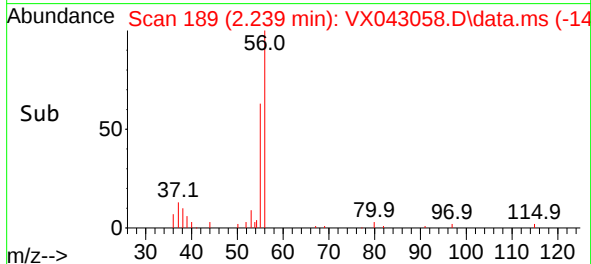
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 461
Ion Ratio Lower Upper
56 100
55 74.5 57.1 85.7

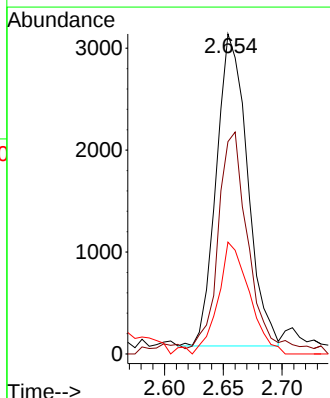
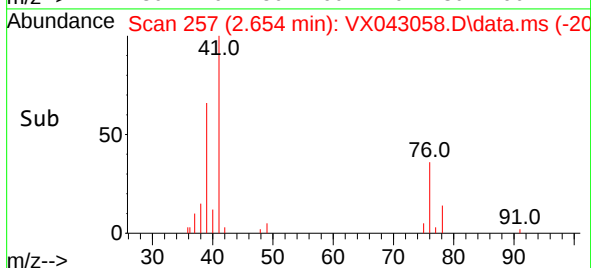
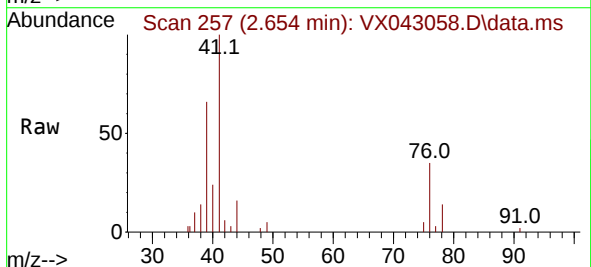
Manual Integrations
APPROVED

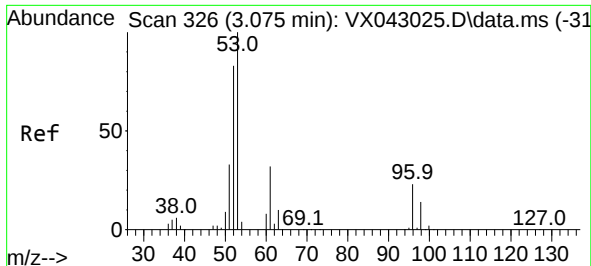
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#14
Allyl chloride
Concen: 2.355 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

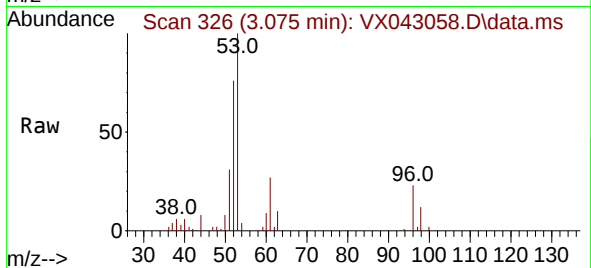
Tgt Ion: 41 Resp: 5639
Ion Ratio Lower Upper
41 100
39 71.6 55.8 83.6
76 35.8 24.3 36.5





#15
Acrylonitrile
Concen: 12.878 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

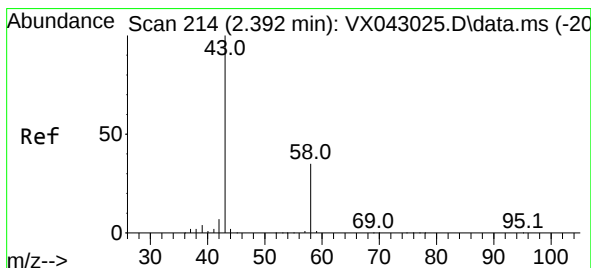
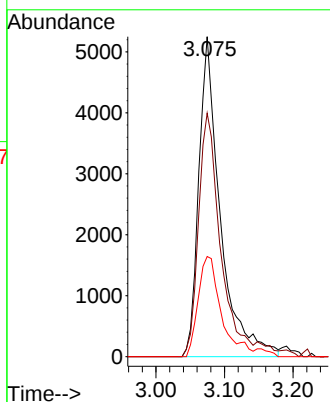
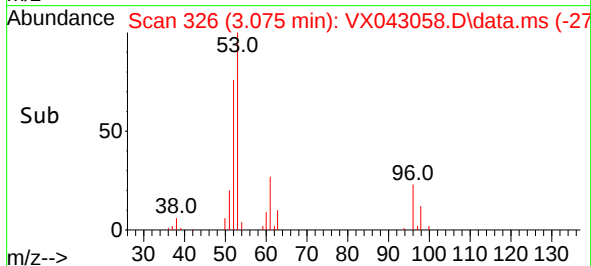
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 53 Resp: 11454
Ion Ratio Lower Upper
53 100
52 80.2 66.0 99.0
51 33.7 29.8 44.6

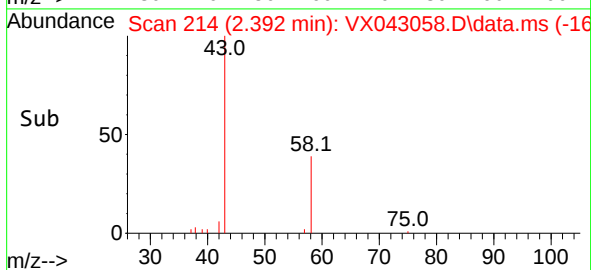
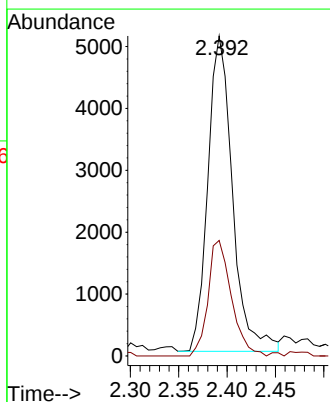
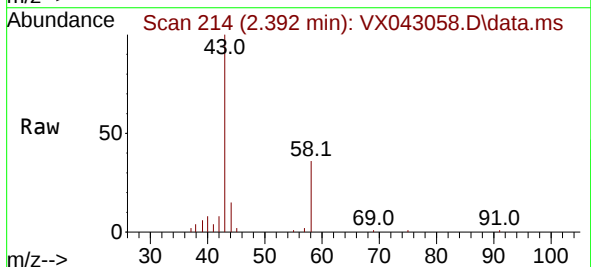
Manual Integrations
APPROVED

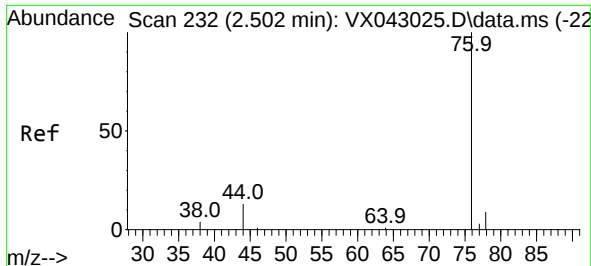
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#16
Acetone
Concen: 13.093 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 43 Resp: 9038
Ion Ratio Lower Upper
43 100
58 36.6 21.9 32.9#





#17

Carbon Disulfide

Concen: 2.427 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 889

Ion Ratio Lower Upper

76 100

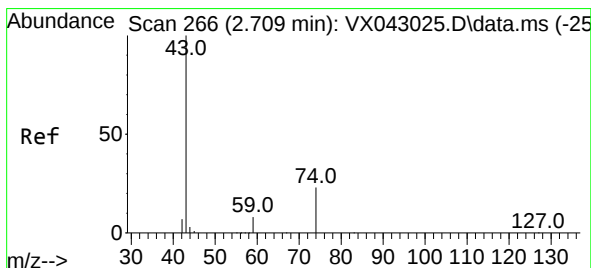
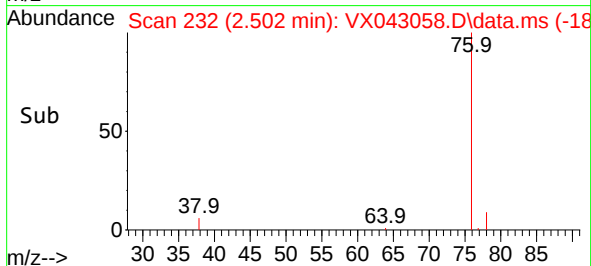
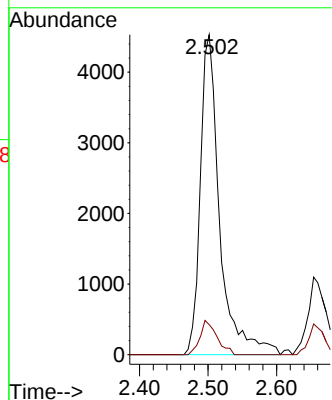
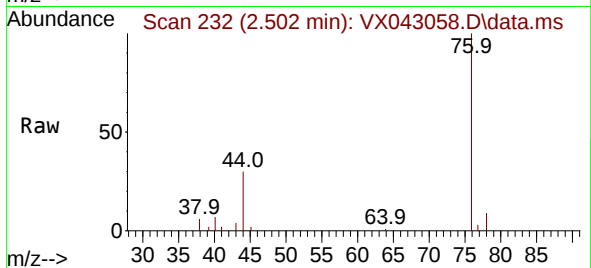
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024

Supervised By :Semsettin Yesilyurt 08/16/2024



#18

Methyl Acetate

Concen: 2.904 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043058.D

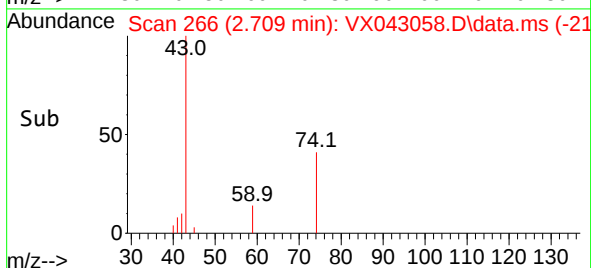
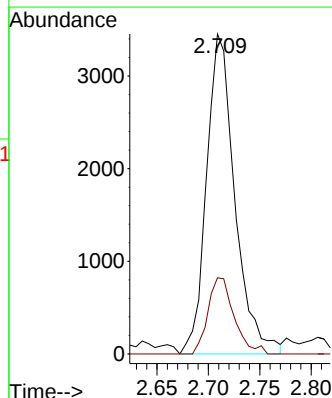
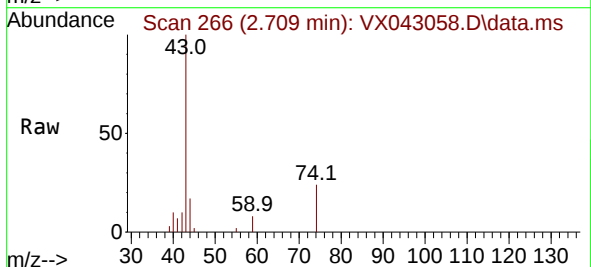
Acq: 15 Aug 2024 17:21

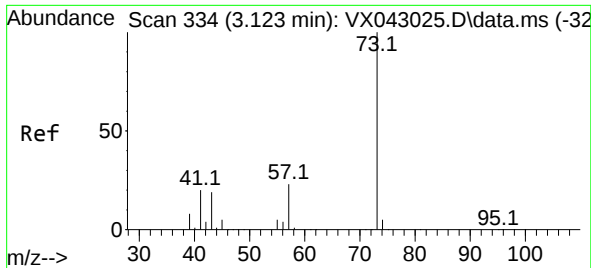
Tgt Ion: 43 Resp: 6624

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8





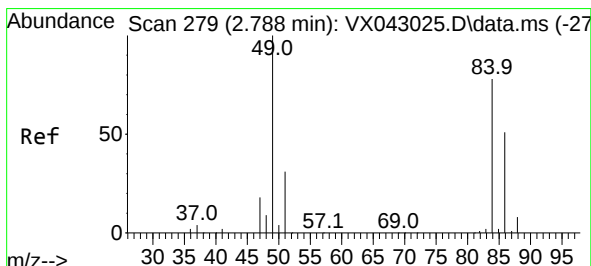
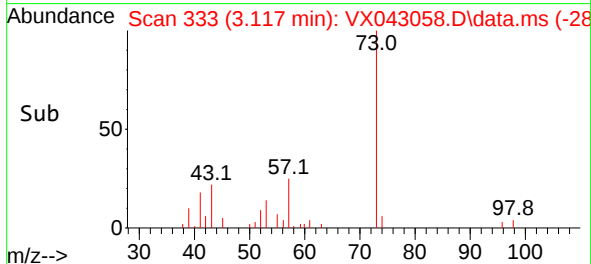
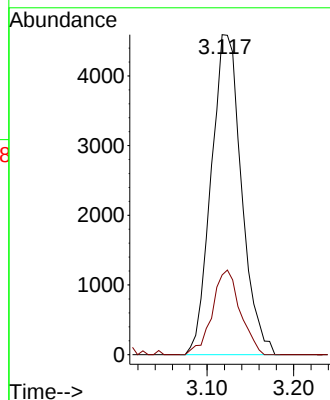
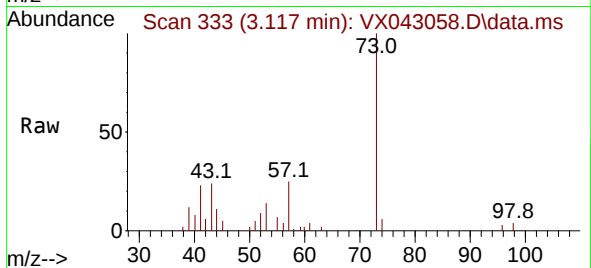
#19
Methyl tert-butyl Ether
Concen: 2.596 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 73 Resp: 11178
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9

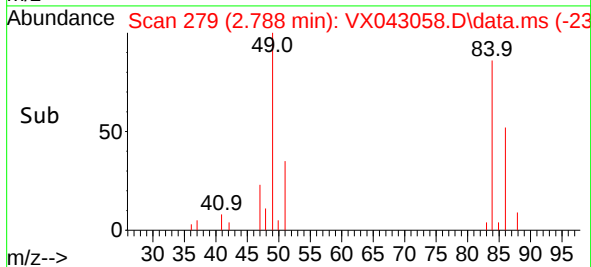
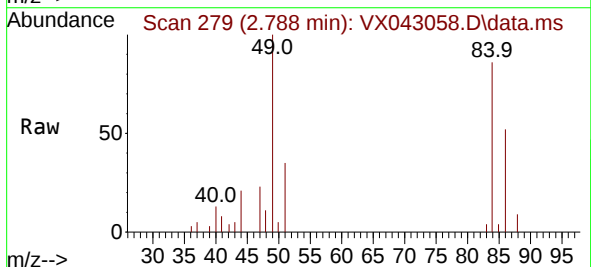
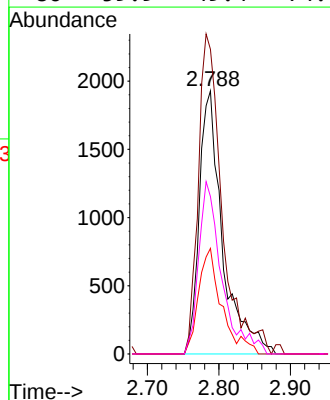
Manual Integrations
APPROVED

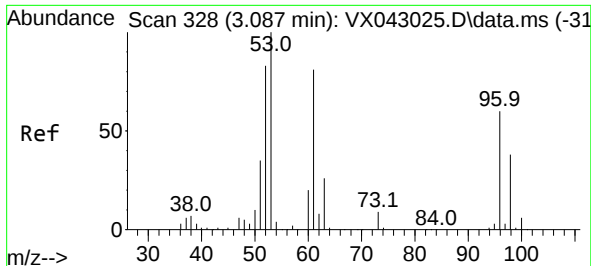
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#20
Methylene Chloride
Concen: 2.737 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

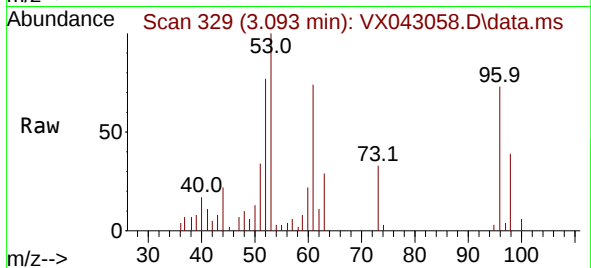
Tgt Ion: 84 Resp: 4369
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 40.2 33.8 50.6
86 59.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.636 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

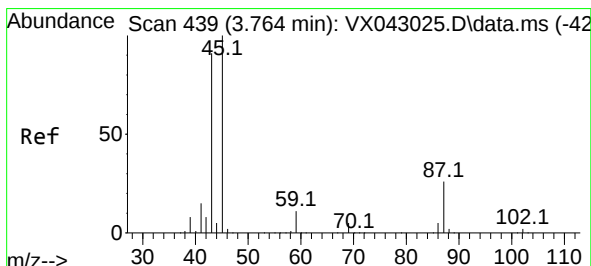
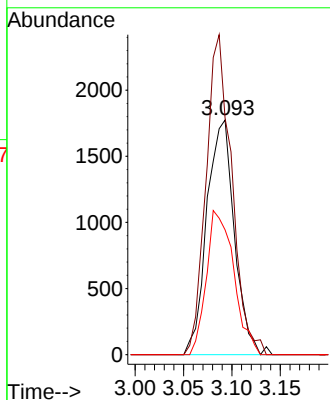
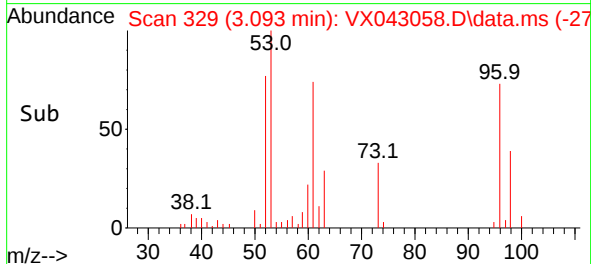
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



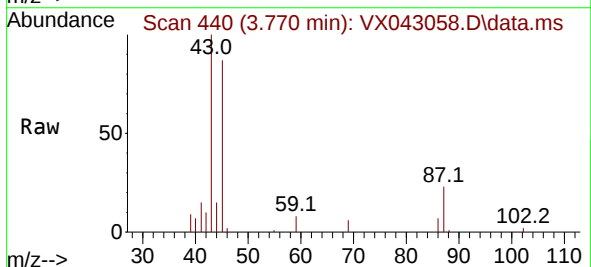
Tgt Ion: 96 Resp: 3512
Ion Ratio Lower Upper
96 100
61 100.7 119.2 178.8
98 53.2 48.7 73.1

Manual Integrations
APPROVED

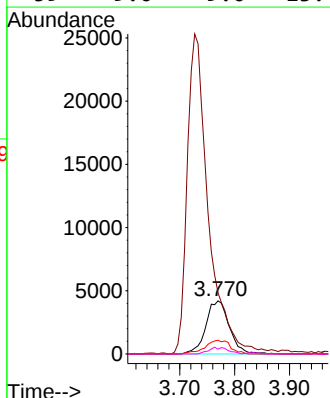
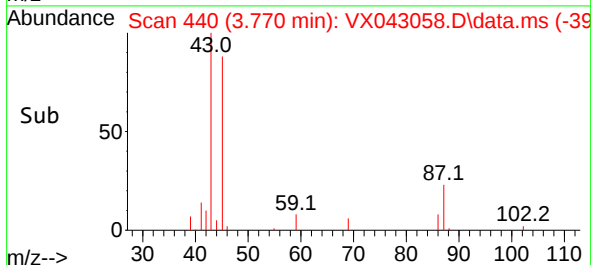
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

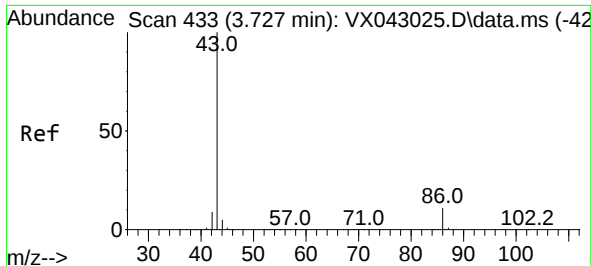


#22
Diisopropyl ether
Concen: 2.544 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



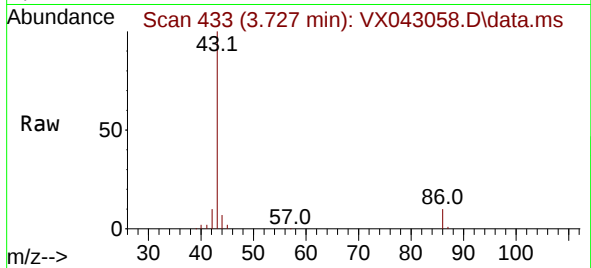
Tgt Ion: 45 Resp: 12438
Ion Ratio Lower Upper
45 100
43 110.5 69.7 104.5
87 25.9 20.8 31.2
59 9.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 11.967 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

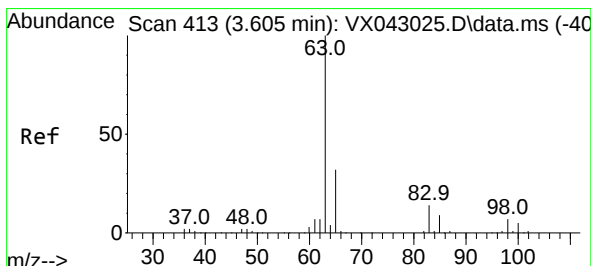
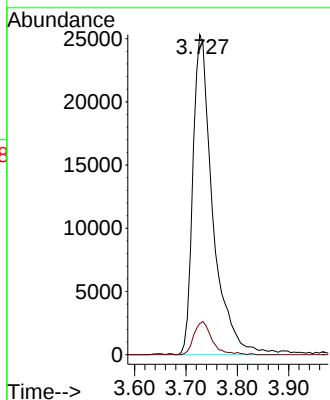
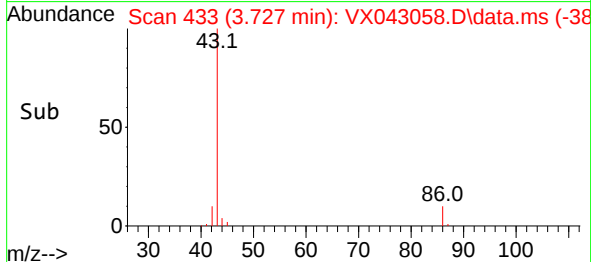
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024



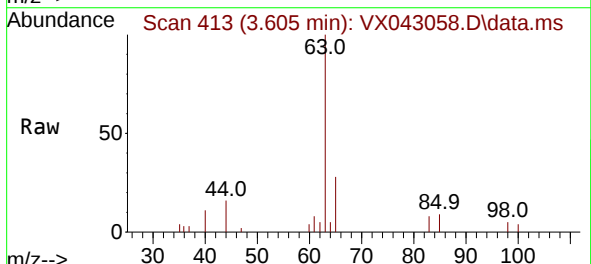
Tgt Ion: 43 Resp: 68215
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

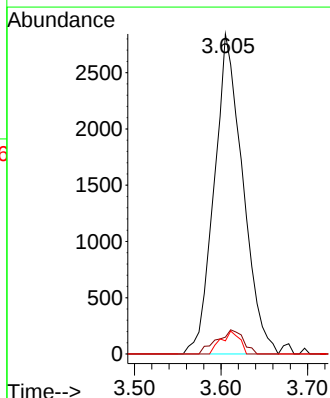
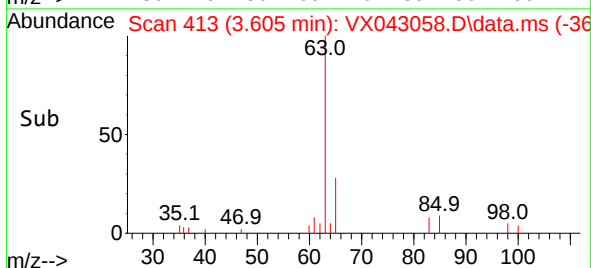
Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

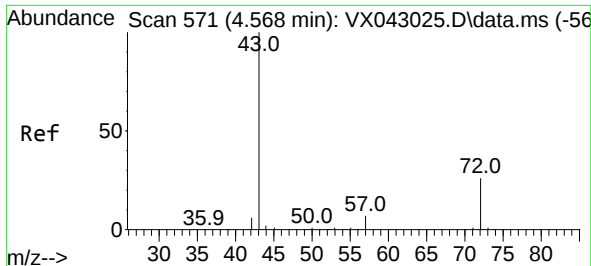


#24
 1,1-Dichloroethane
 Concen: 2.644 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21



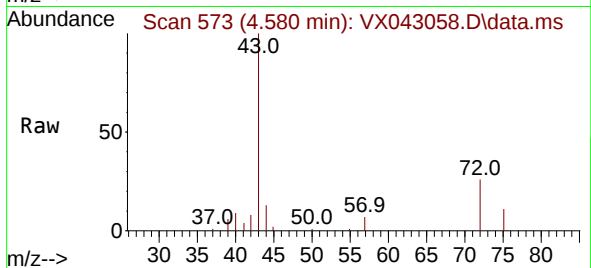
Tgt Ion: 63 Resp: 6520
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.3 9.8
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 12.996 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

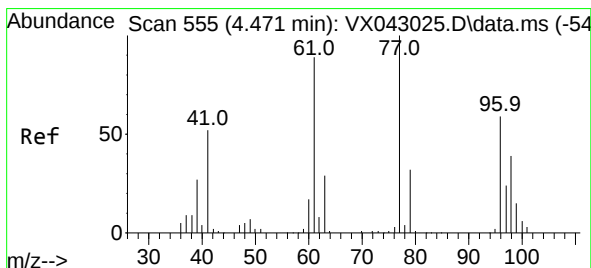
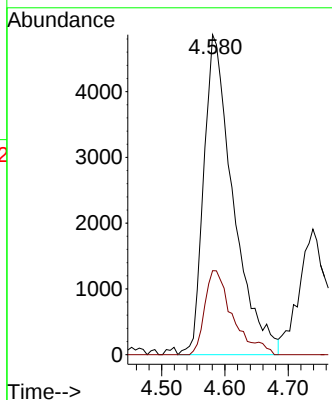
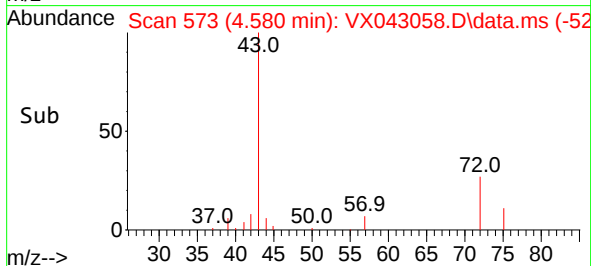
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

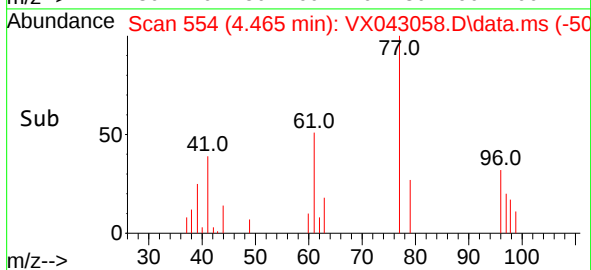
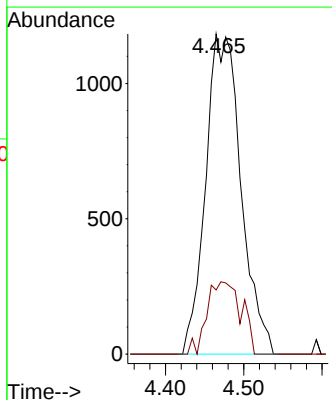
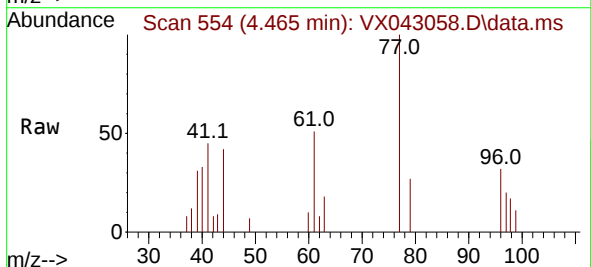
Manual Integrations
APPROVED

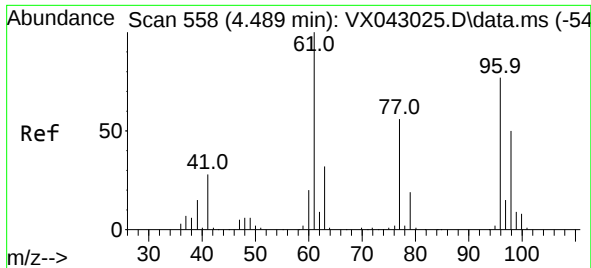
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#26
2,2-Dichloropropane
Concen: 1.884 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

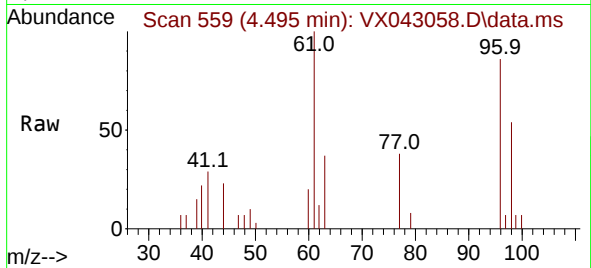
Tgt Ion: 77 Resp: 3702
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 2.552 ug/l
RT: 4.495 min Scan# 510
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

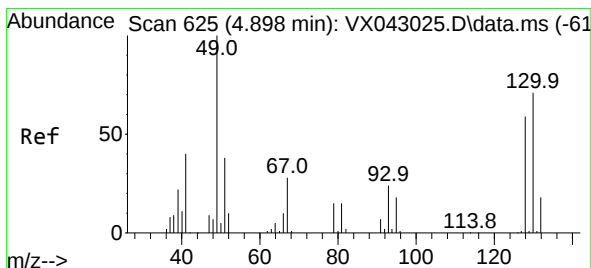
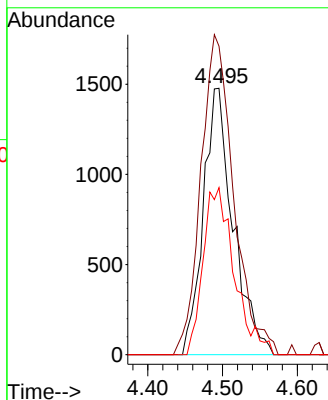
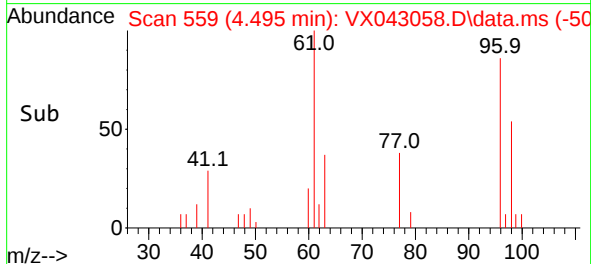
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 96 Resp: 4104
Ion Ratio Lower Upper
96 100
61 132.2 0.0 312.2
98 65.4 0.0 129.0

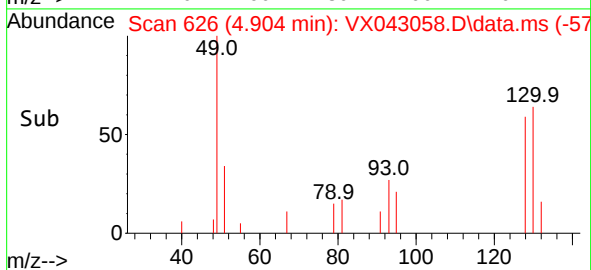
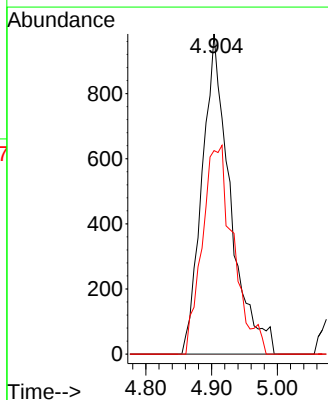
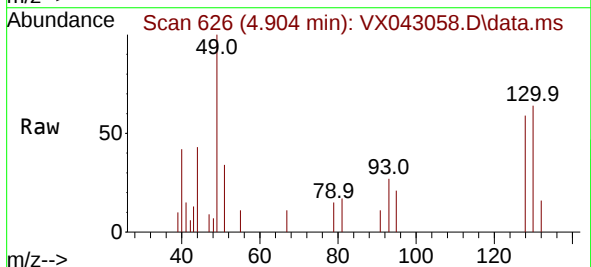
Manual Integrations
APPROVED

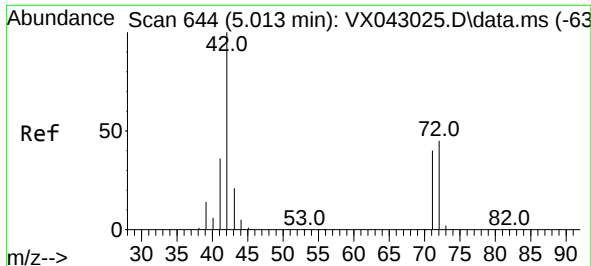
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#28
Bromochloromethane
Concen: 2.616 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 49 Resp: 2919
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 72.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 12.731 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

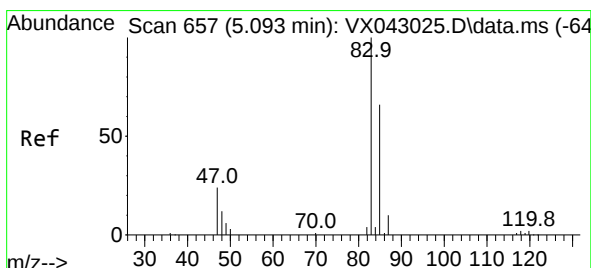
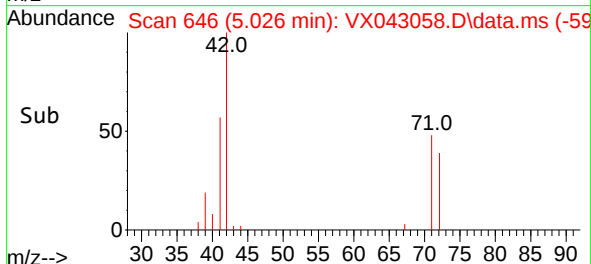
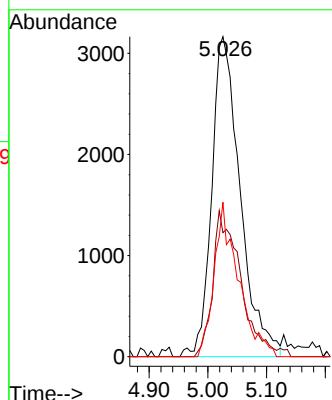
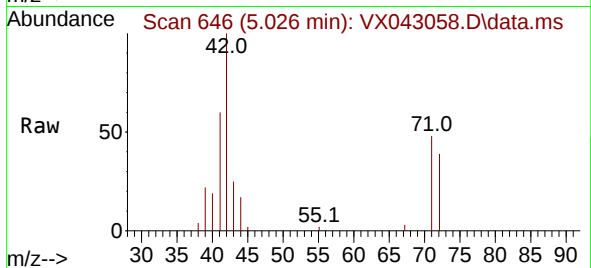
MDL-WATER-03-QT3-2024

Tgt Ion: 42	Resp: 10678
Ion Ratio	Lower Upper
42 100	
72 44.0	34.2 51.4
71 41.1	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#30

Chloroform

Concen: 2.679 ug/l

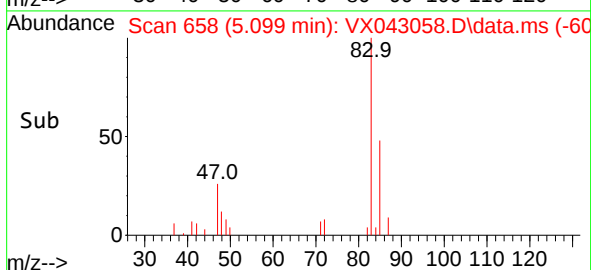
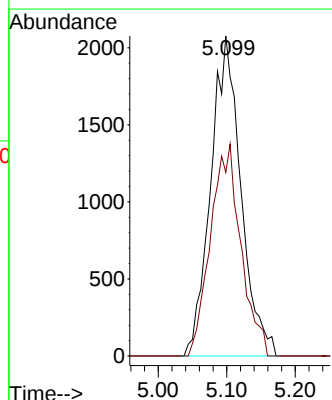
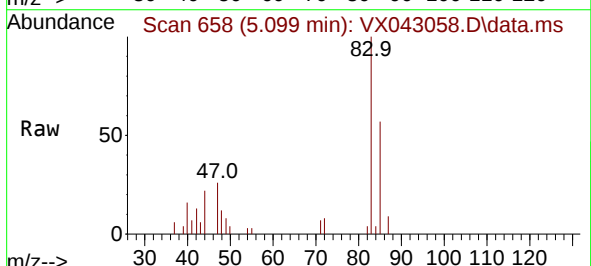
RT: 5.099 min Scan# 658

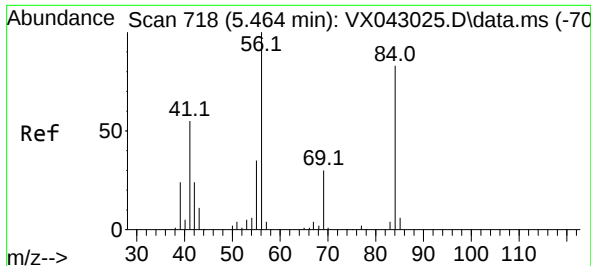
Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

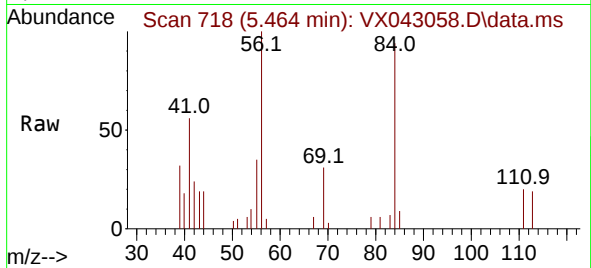
Tgt Ion: 83	Resp: 6346
Ion Ratio	Lower Upper
83 100	
85 57.3	50.3 75.5





#31
Cyclohexane
Concen: 2.475 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

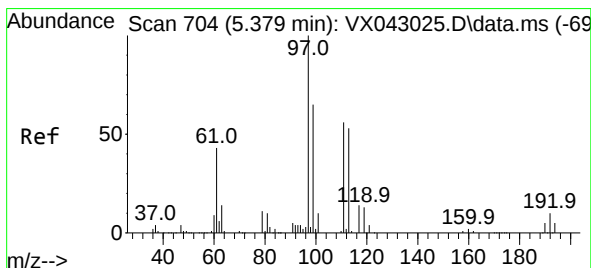
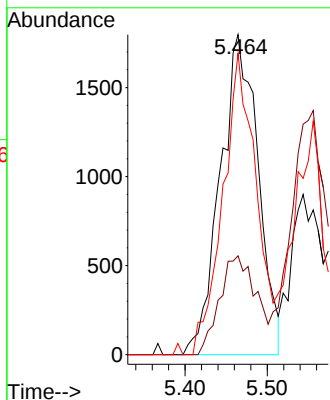
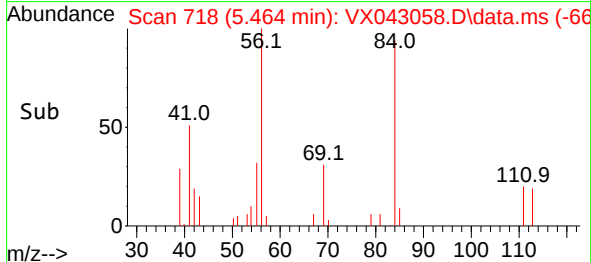
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



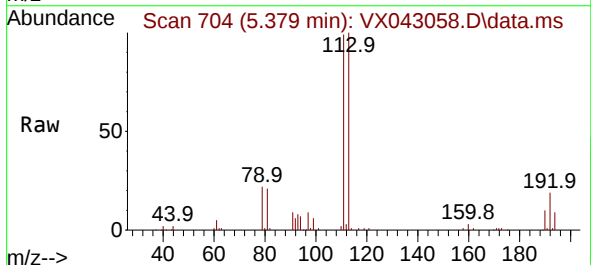
Tgt Ion: 56 Resp: 574
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 90.7 65.9 98.9

Manual Integrations
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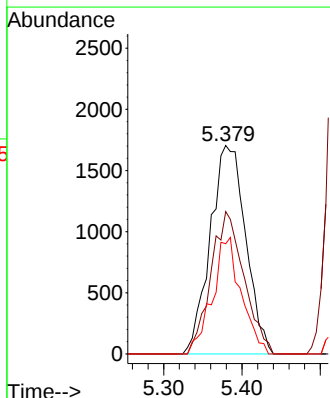
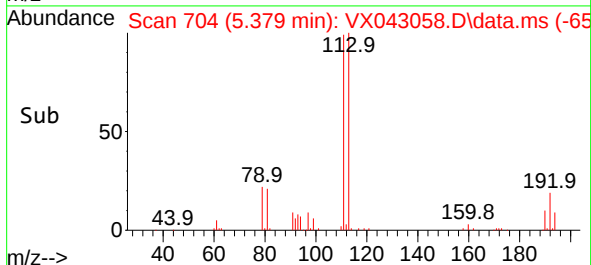
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

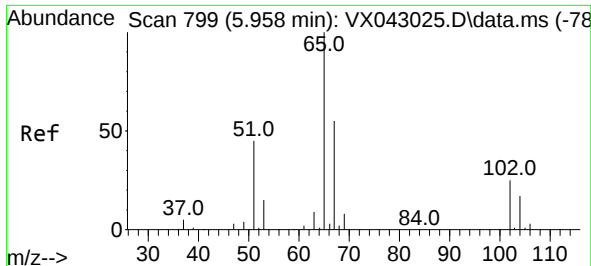


#32
1,1,1-Trichloroethane
Concen: 2.712 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



Tgt Ion: 97 Resp: 5364
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 45.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.912 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 65 Resp: 7225

Ion Ratio Lower Upper

65 100

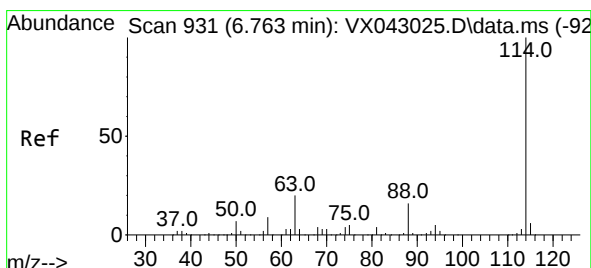
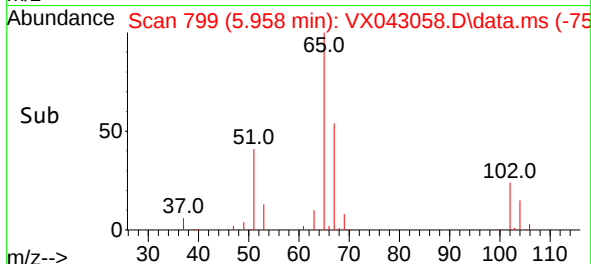
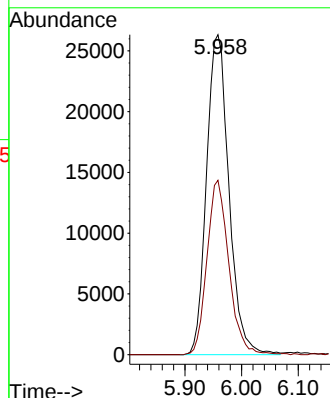
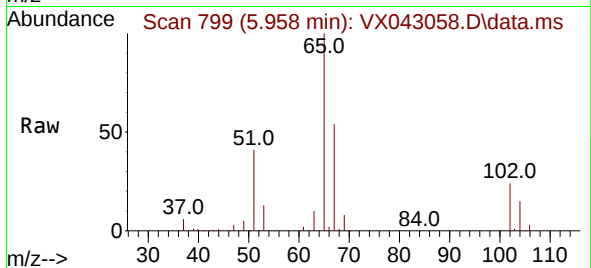
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024

Supervised By :Semsettin Yesilyurt 08/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

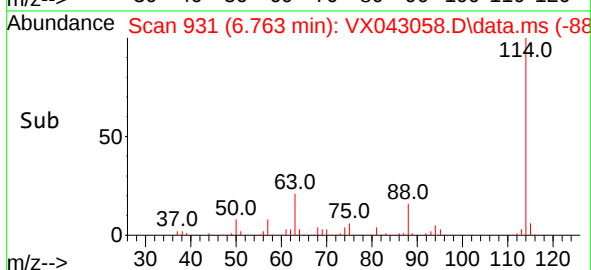
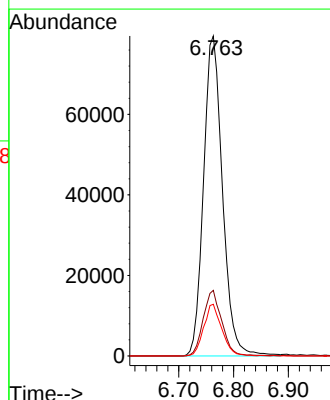
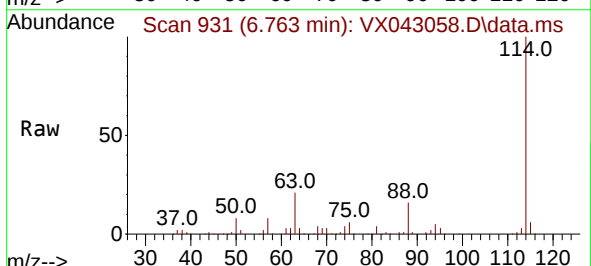
Tgt Ion:114 Resp: 190814

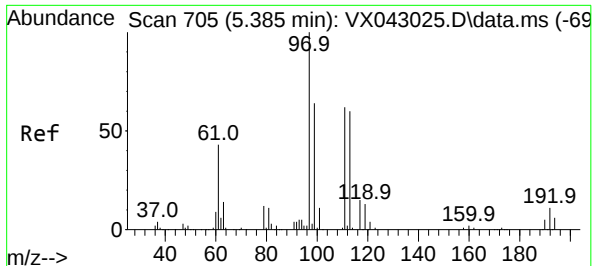
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

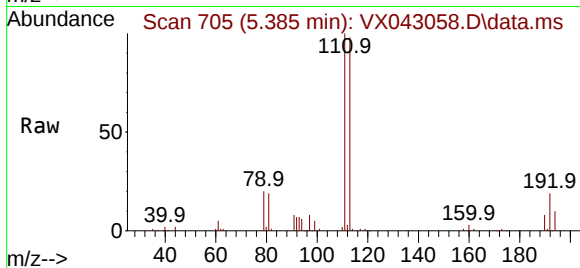
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

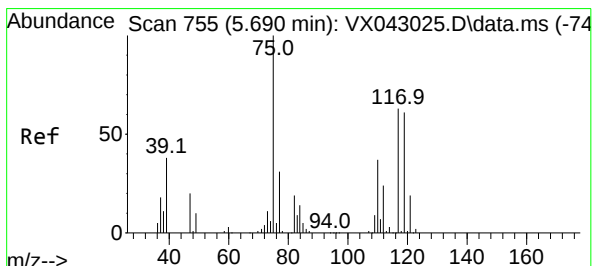
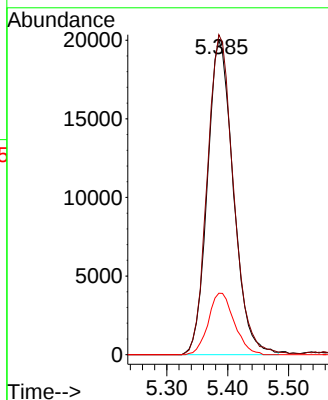
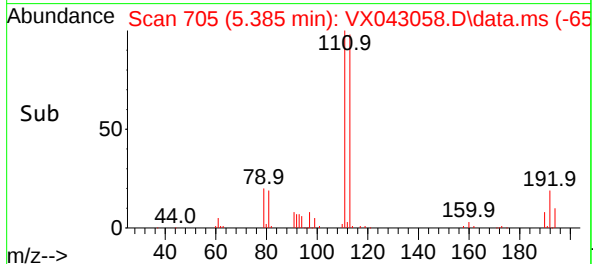
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 113 Resp: 59200
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.5 13.3 19.9

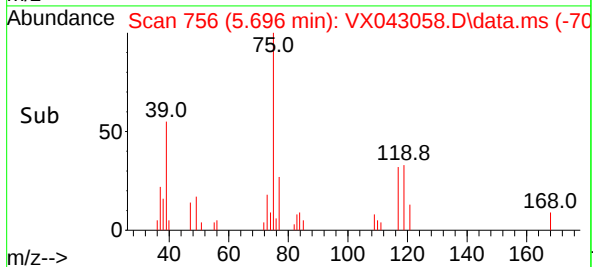
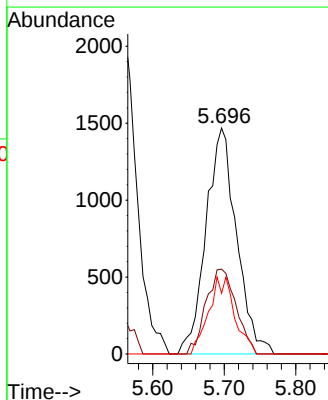
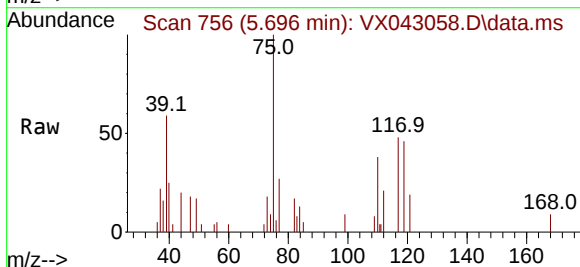
Manual Integrations
APPROVED

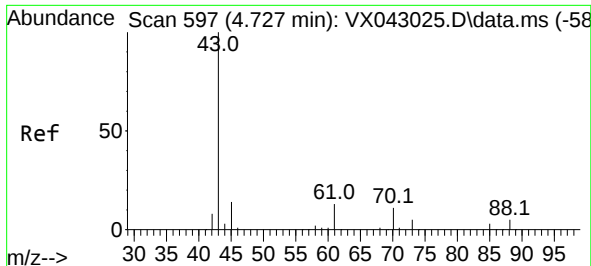
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#36
1,1-Dichloropropene
Concen: 2.664 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 75 Resp: 4368
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 29.0 24.7 37.1





#37

Ethyl Acetate

Concen: 2.323 ug/l

RT: 4.739 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

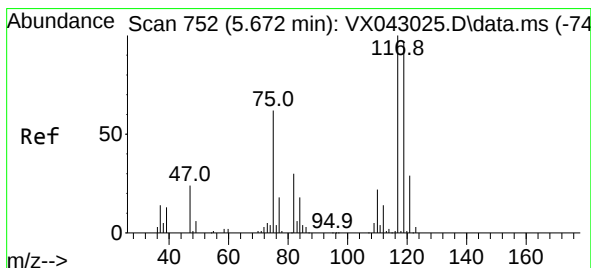
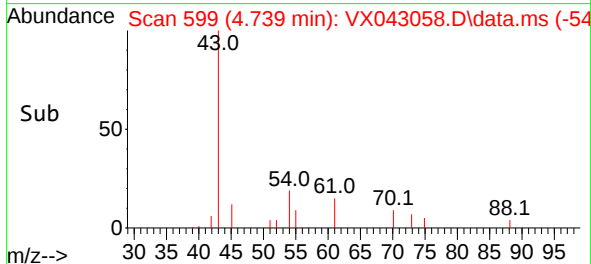
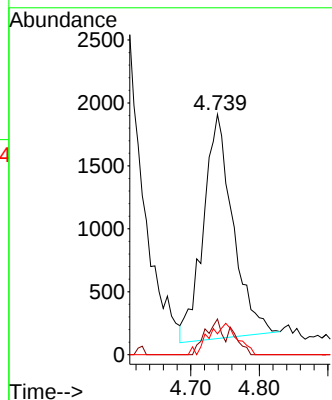
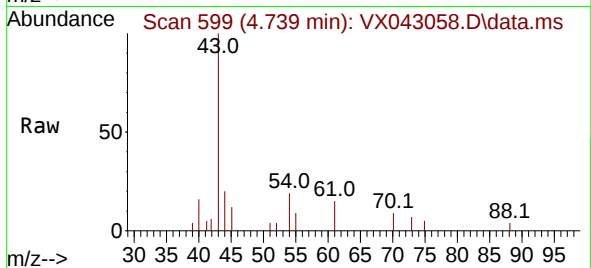
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 43	Resp: 536
Ion Ratio	Lower Upper
43 100	
61 9.1	10.6 16.0
70 0.0	8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#38

Carbon Tetrachloride

Concen: 2.647 ug/l

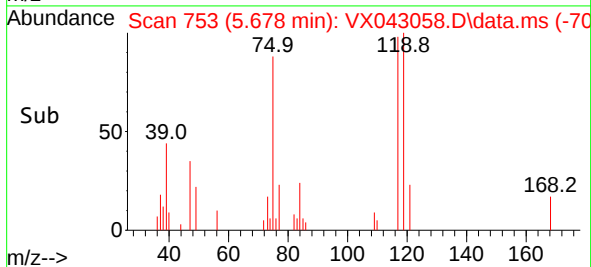
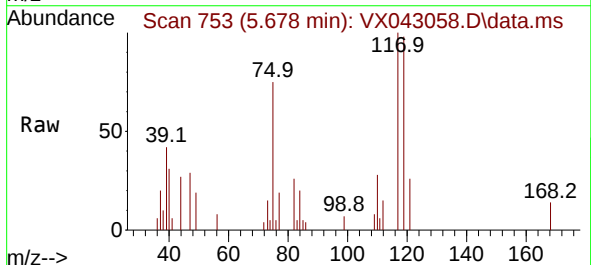
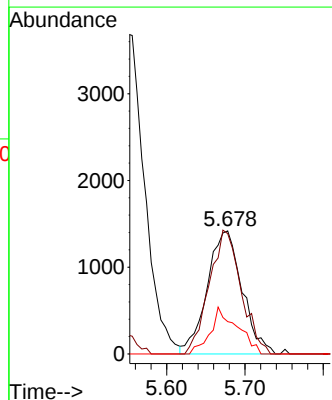
RT: 5.678 min Scan# 753

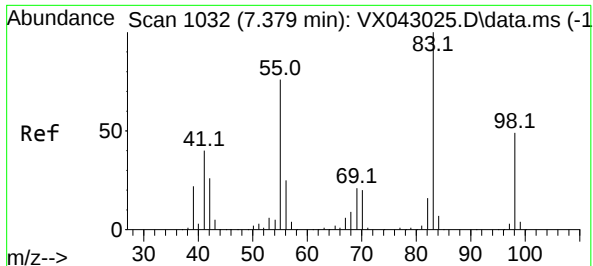
Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:117	Resp: 4390
Ion Ratio	Lower Upper
117 100	
119 97.8	78.2 117.2
121 26.2	24.4 36.6





#39

Methylcyclohexane

Concen: 2.450 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

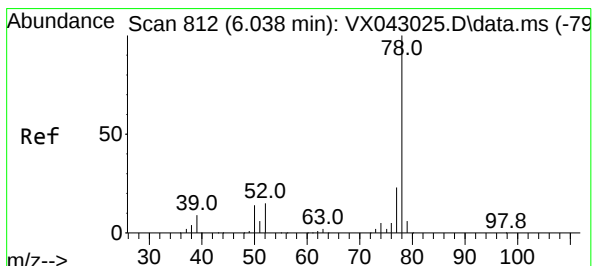
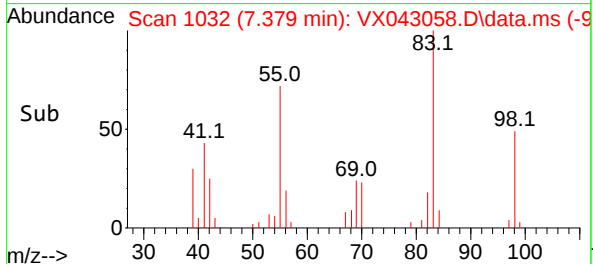
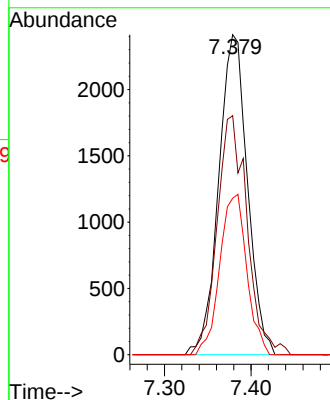
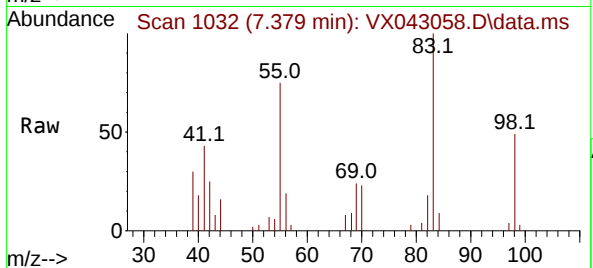
Tgt Ion: 83 Resp: 556

Ion	Ratio	Lower	Upper
83	100		
55	74.7	64.6	97.0
98	48.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#40

Benzene

Concen: 2.481 ug/l

RT: 6.037 min Scan# 812

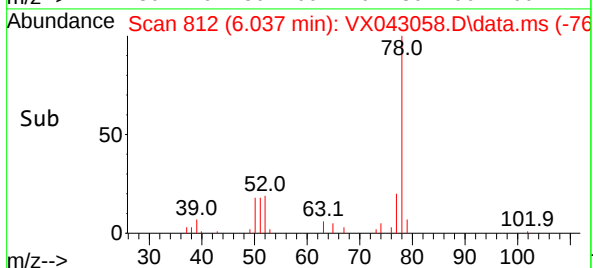
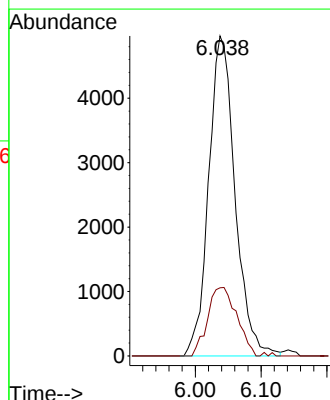
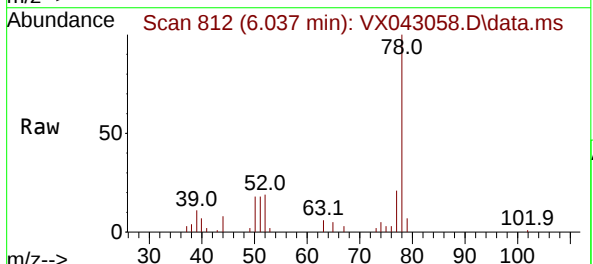
Delta R.T. -0.000 min

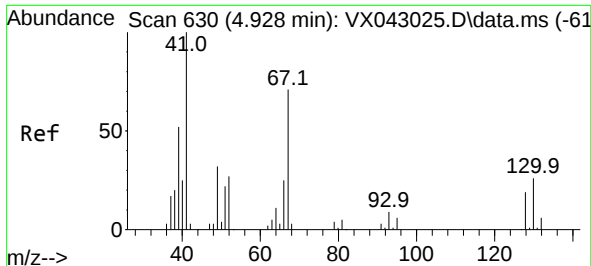
Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion: 78 Resp: 13861

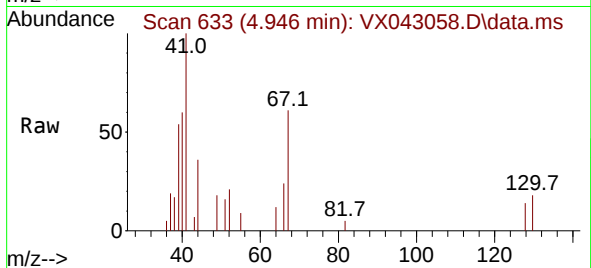
Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.3	28.9





#41
Methacrylonitrile
Concen: 2.584 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

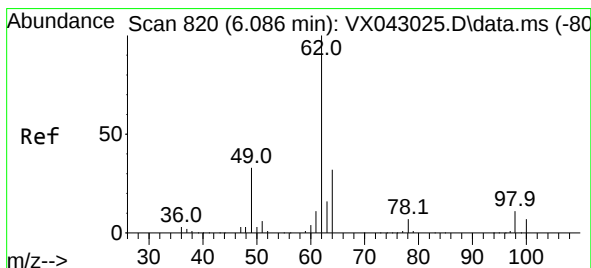
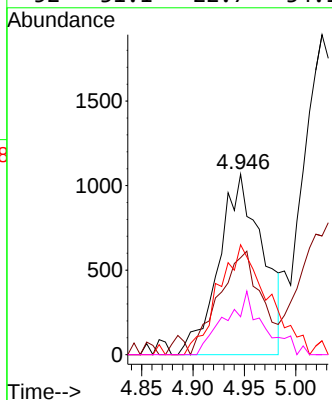
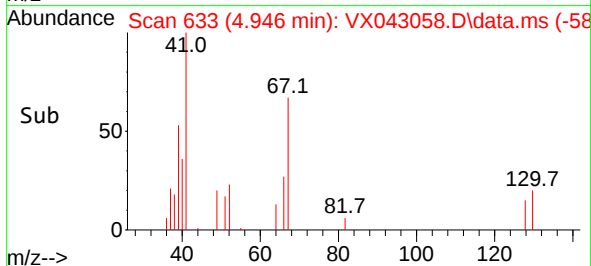
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:	41	Ratio	100	Lower	Upper
39	55.7	45.2	67.8		
67	69.4	52.6	78.8		
52	31.1	22.7	34.1		

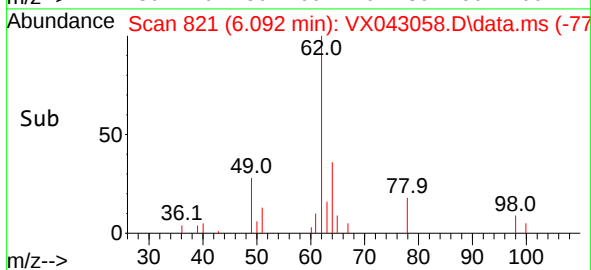
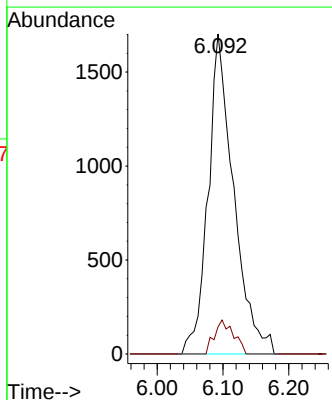
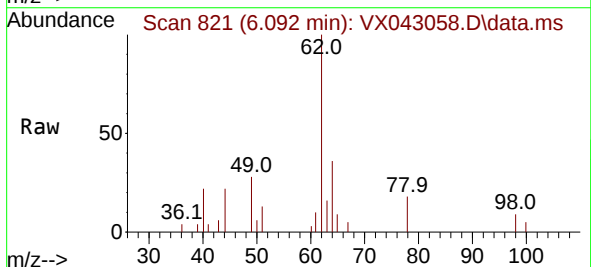
Manual Integrations
APPROVED

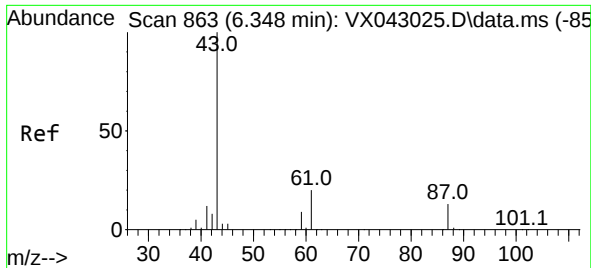
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#42
1,2-Dichloroethane
Concen: 2.834 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:	62	Ratio	100	Lower	Upper
62	100				
98	7.9	0.0	16.0		





#43

Isopropyl Acetate

Concen: 2.278 ug/l

RT: 6.348 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX043058.D

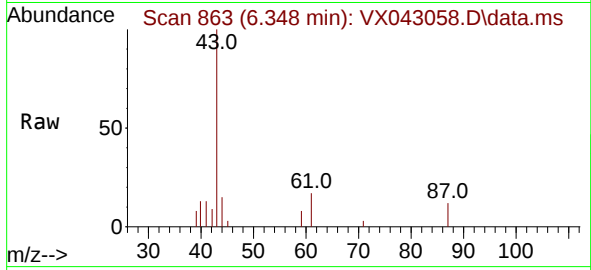
Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

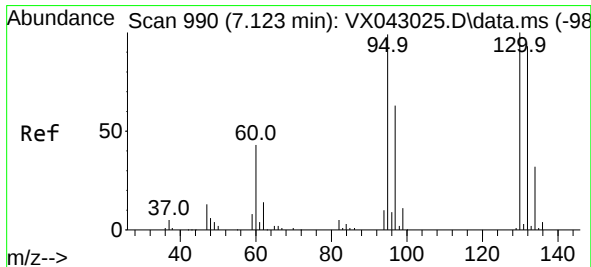
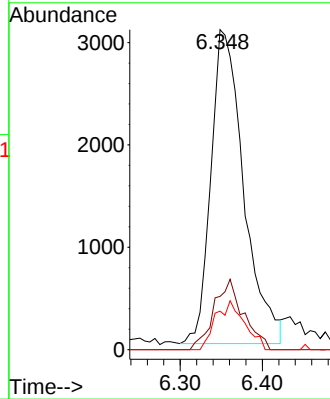
MDL-WATER-03-QT3-2024



Tgt Ion: 43	Resp: 849
Ion Ratio	Lower Upper
43	100
61	20.2 15.2 22.8
87	13.6 9.8 14.6

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#44

Trichloroethene

Concen: 2.579 ug/l

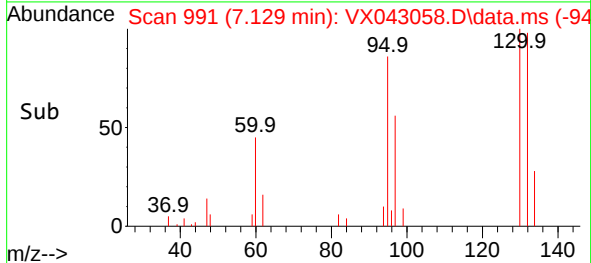
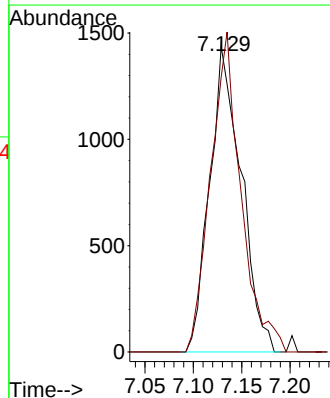
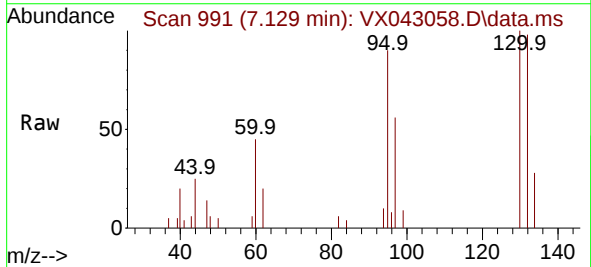
RT: 7.129 min Scan# 991

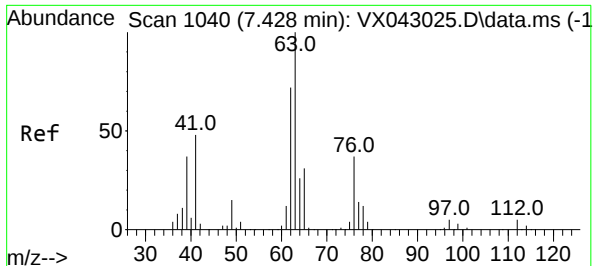
Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:130	Resp: 3263
Ion Ratio	Lower Upper
130	100
95	89.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 2.582 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

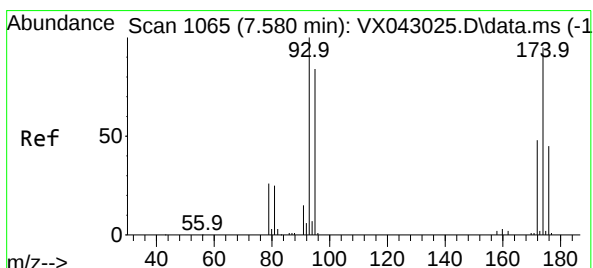
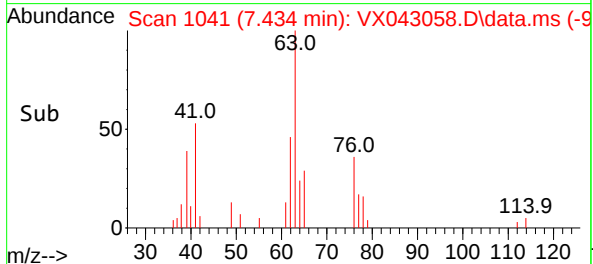
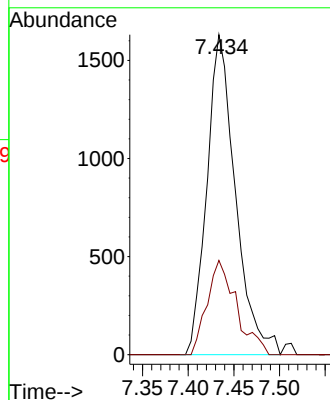
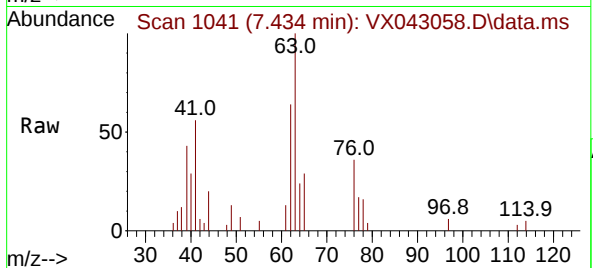
MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 3550
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.3 36.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024



#46

Dibromomethane

Concen: 2.563 ug/l

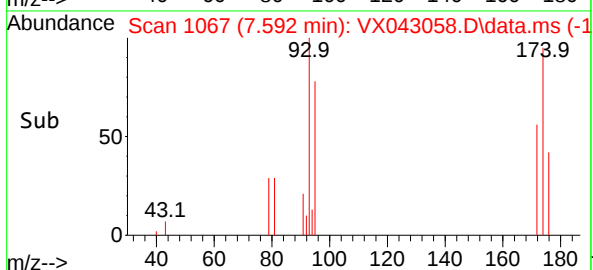
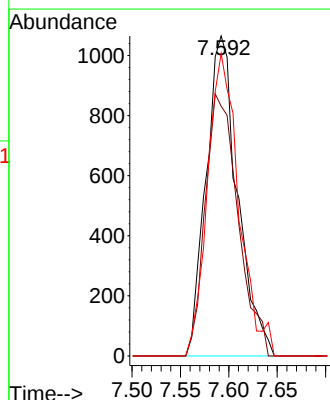
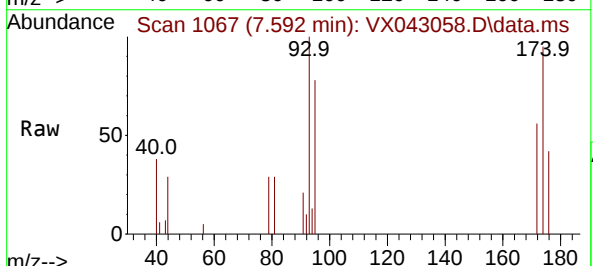
RT: 7.592 min Scan# 1067

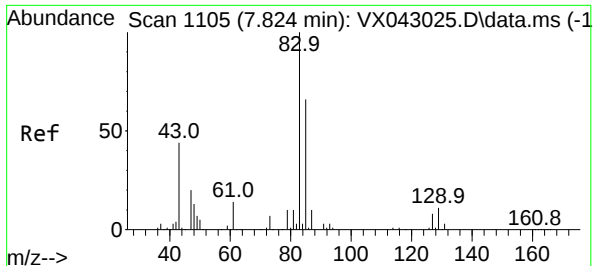
Delta R.T. 0.012 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

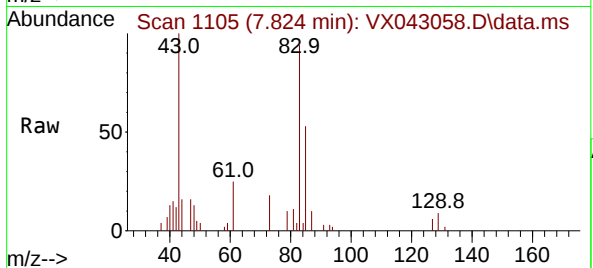
Tgt Ion: 93 Resp: 2409
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.6 100.0
 174 94.5 69.4 104.0





#47
Bromodichloromethane
Concen: 2.664 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

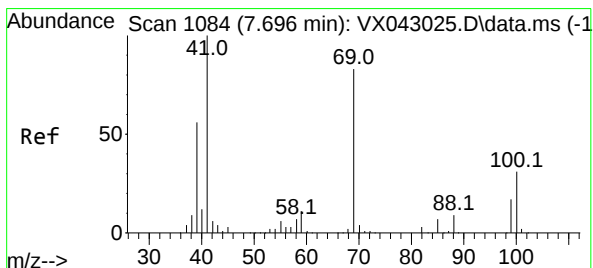
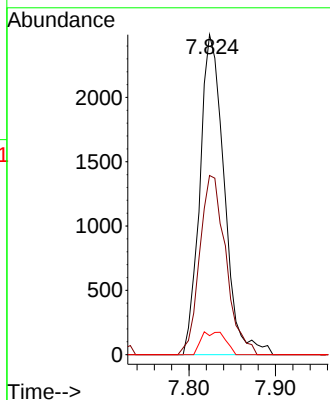
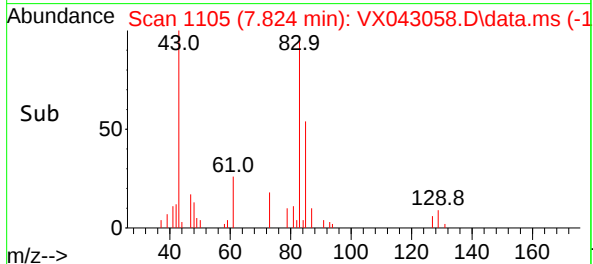
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



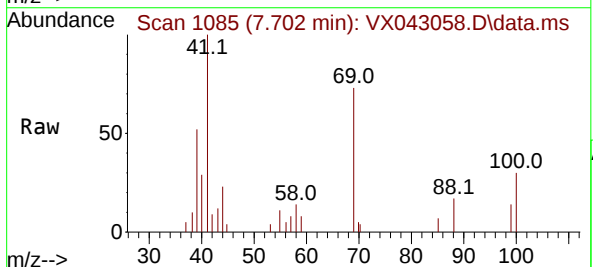
Tgt Ion: 83 Resp: 486
Ion Ratio Lower Upper
83 100
85 56.0 49.8 74.6
127 5.9 7.1 10.7

Manual Integrations
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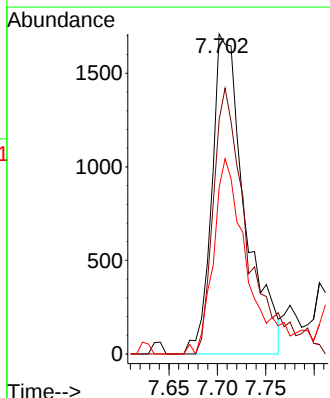
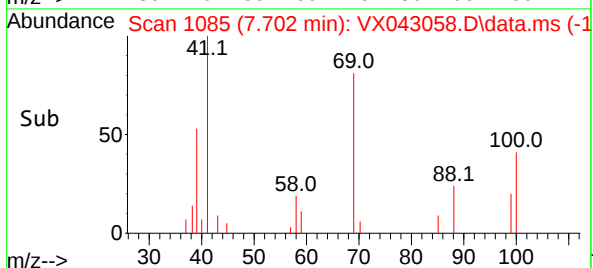
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

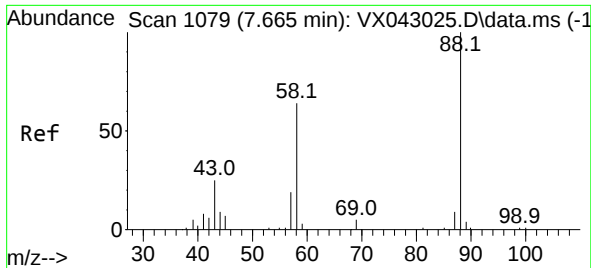


#48
Methyl methacrylate
Concen: 2.432 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



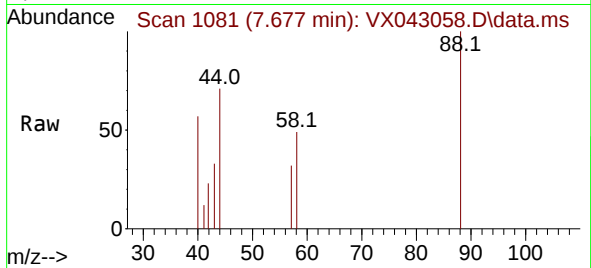
Tgt Ion: 41 Resp: 4042
Ion Ratio Lower Upper
41 100
69 88.2 59.2 88.8
39 63.3 47.7 71.5





#49
1,4-Dioxane
Concen: 44.731 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

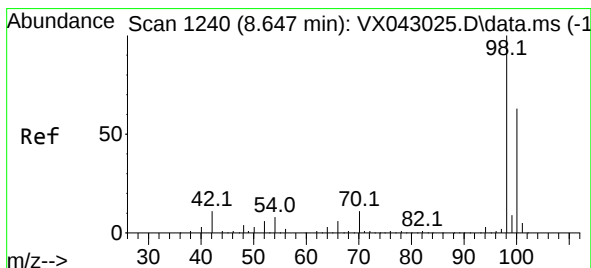
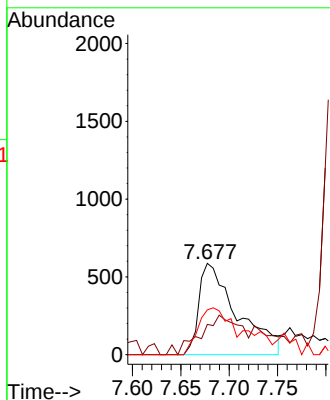
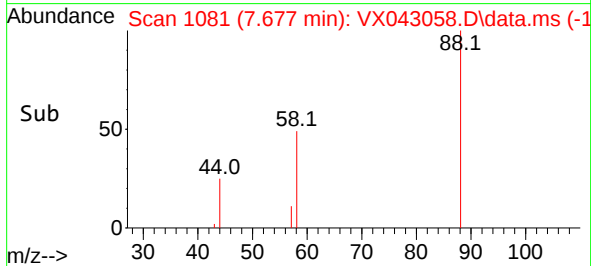
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 88 Resp: 1628
Ion Ratio Lower Upper
88 100
43 45.1 0.0 0.0
58 48.6 60.1 90.1

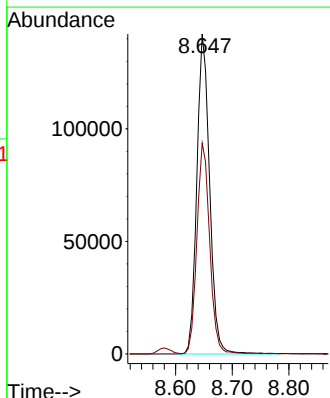
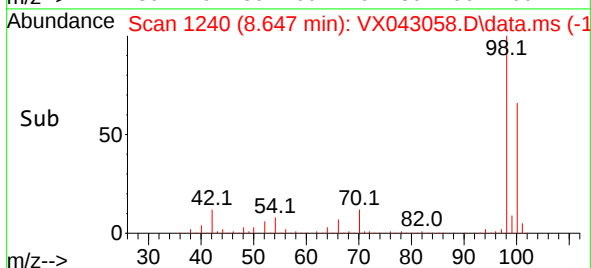
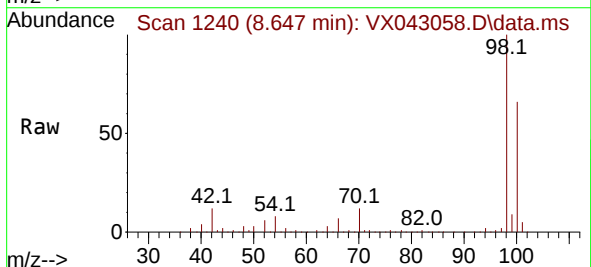
Manual Integrations
APPROVED

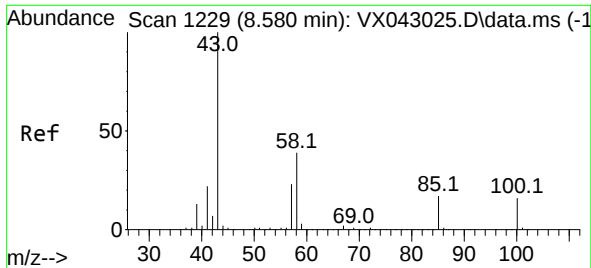
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#50
Toluene-d8
Concen: 48.795 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion: 98 Resp: 222350
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7





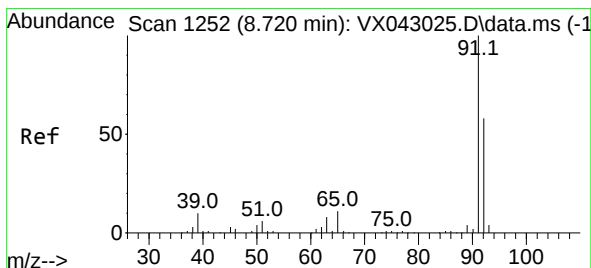
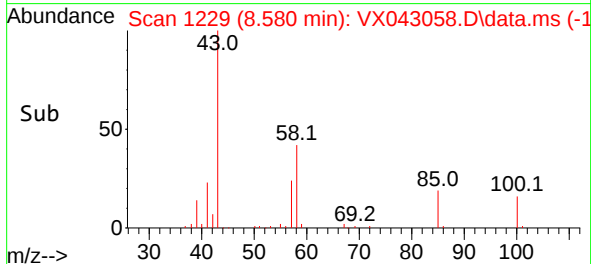
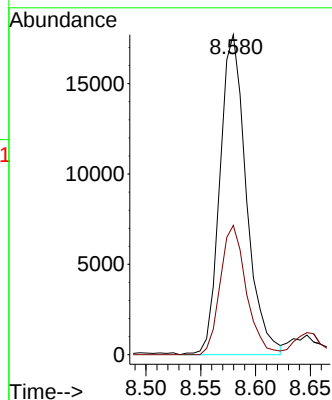
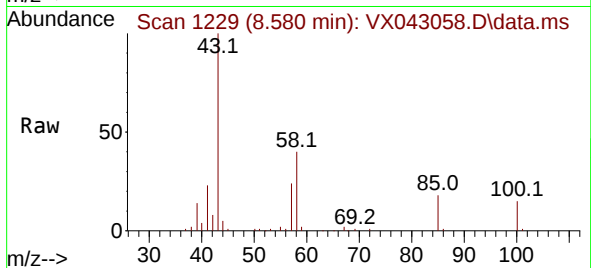
#51
4-Methyl-2-Pentanone
Concen: 12.533 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 43 Resp: 2968
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

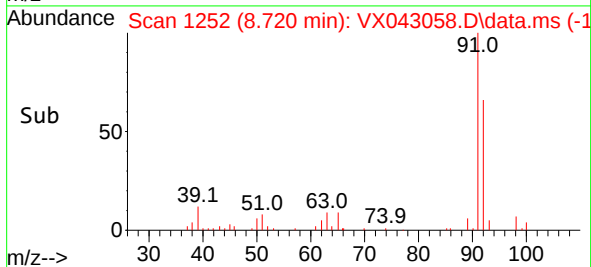
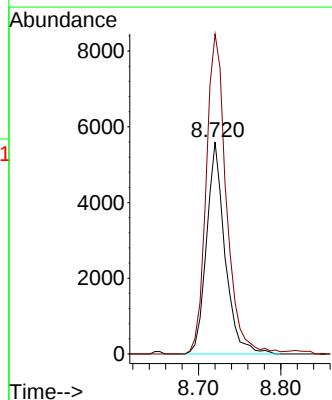
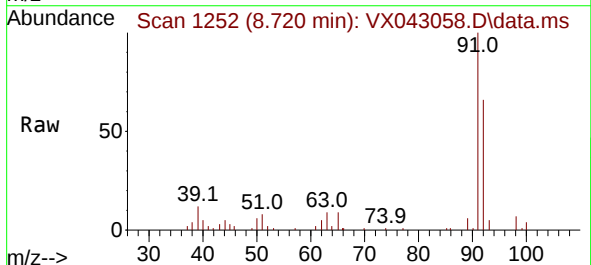
Manual Integrations
APPROVED

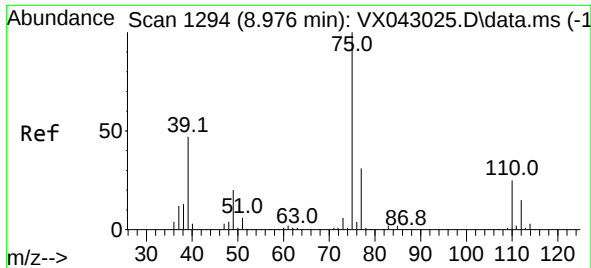
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#52
Toluene
Concen: 2.578 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

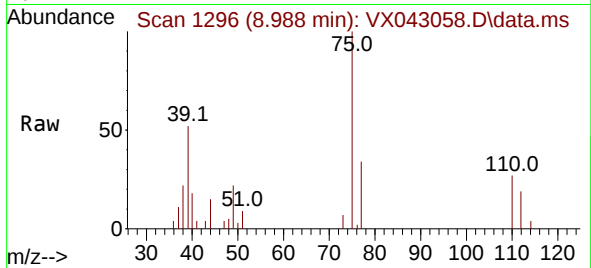
Tgt Ion: 92 Resp: 8702
Ion Ratio Lower Upper
92 100
91 165.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 2.111 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

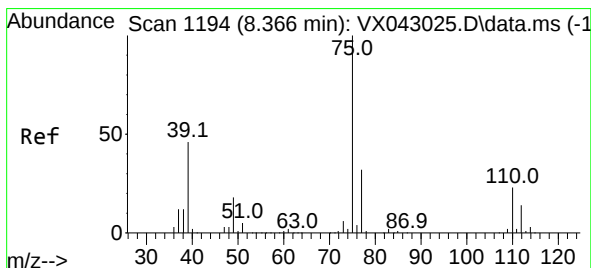
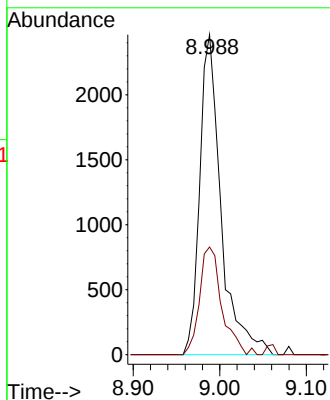
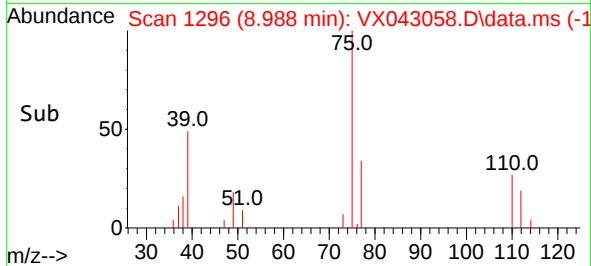
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



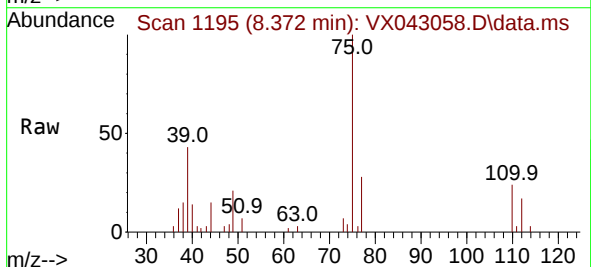
Tgt Ion: 75 Resp: 4208
Ion Ratio Lower Upper
75 100
77 33.7 25.7 38.5

Manual Integrations
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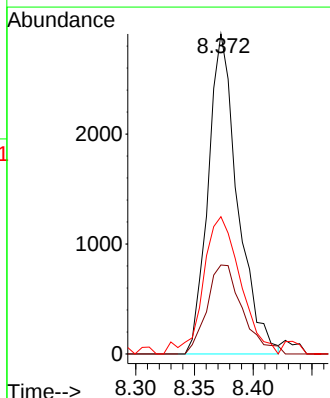
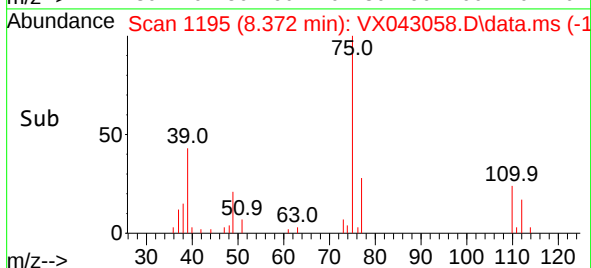
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

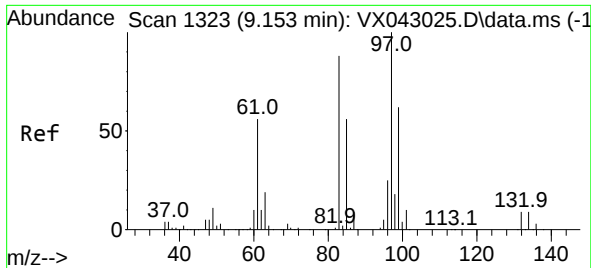


#54
cis-1,3-Dichloropropene
Concen: 2.324 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



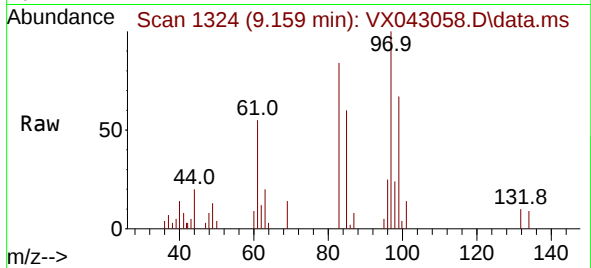
Tgt Ion: 75 Resp: 5095
Ion Ratio Lower Upper
75 100
77 27.8 25.3 37.9
39 42.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 2.664 ug/l
RT: 9.159 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

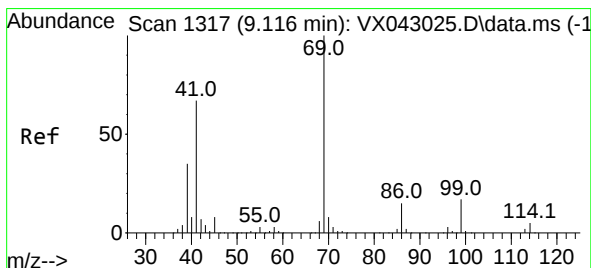
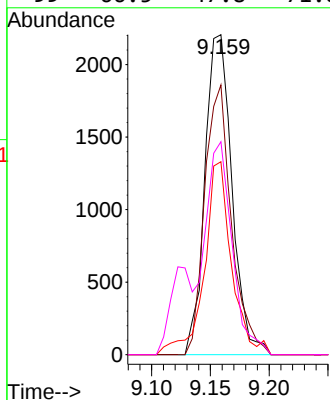
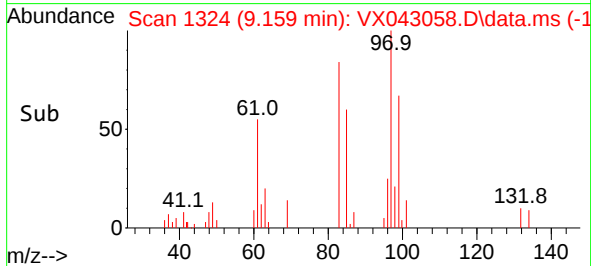
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:	97	Resp:	353
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	60.3	41.6	62.4
99	66.5	47.8	71.8

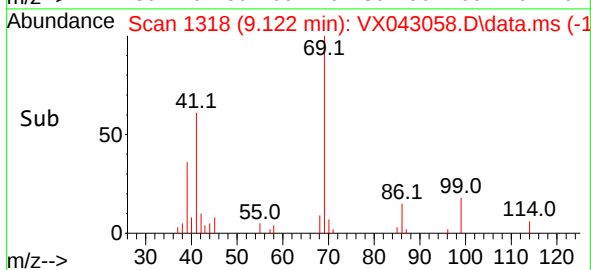
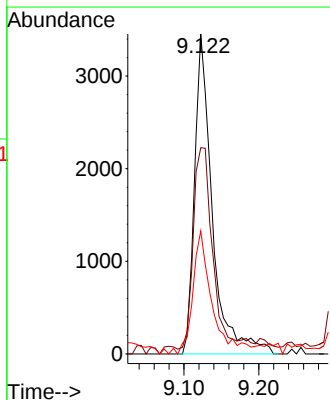
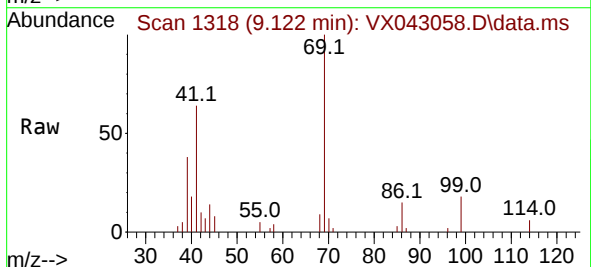
Manual Integrations
APPROVED

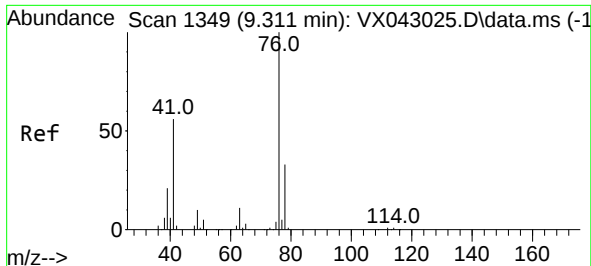
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#56
Ethyl methacrylate
Concen: 2.376 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:	69	Resp:	5704
Ion	Ratio	Lower	Upper
69	100		
41	67.2	56.8	85.2
39	41.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 2.482 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 76 Resp: 5570

Ion Ratio Lower Upper

76 100

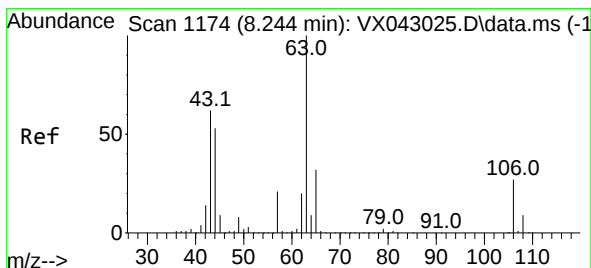
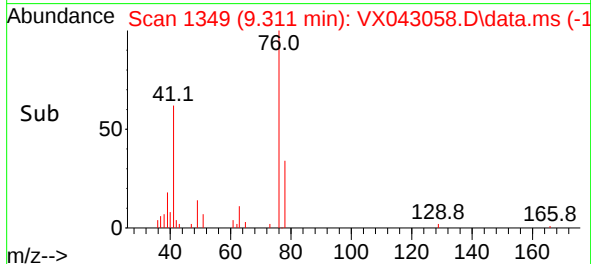
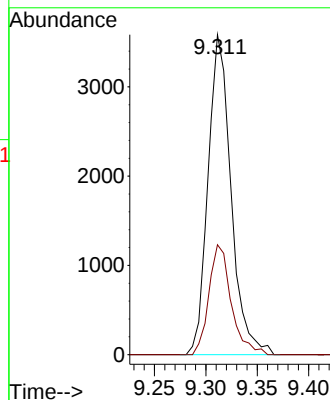
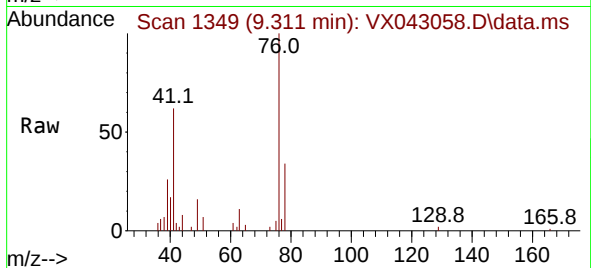
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024

Supervised By :Semsettin Yesilyurt 08/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.240 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX043058.D

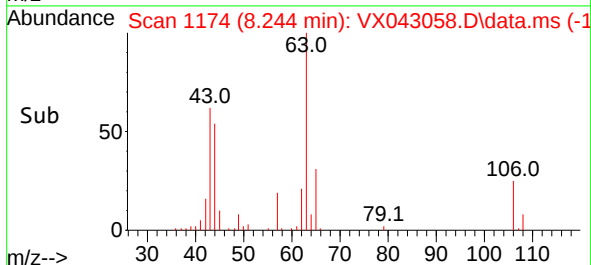
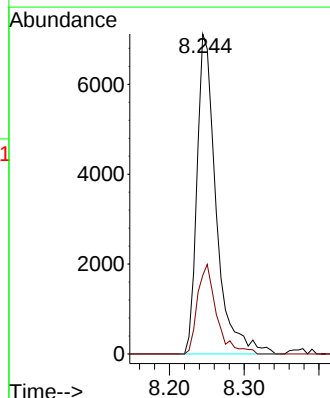
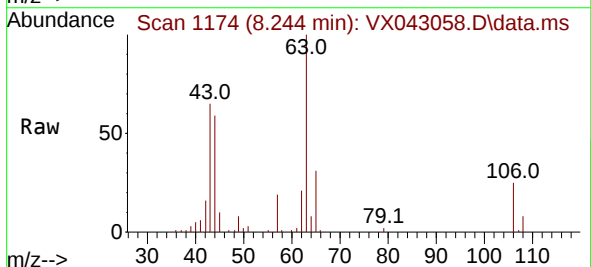
Acq: 15 Aug 2024 17:21

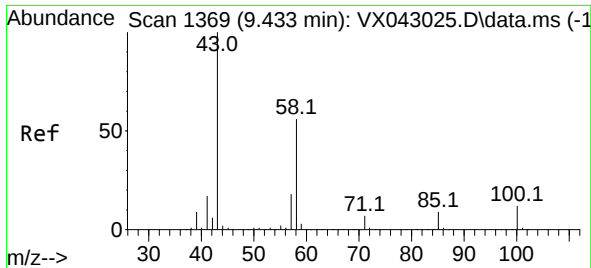
Tgt Ion: 63 Resp: 12661

Ion Ratio Lower Upper

63 100

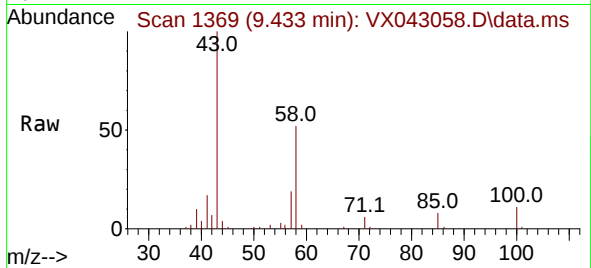
106 28.0 22.5 33.7





#59
2-Hexanone
Concen: 12.353 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

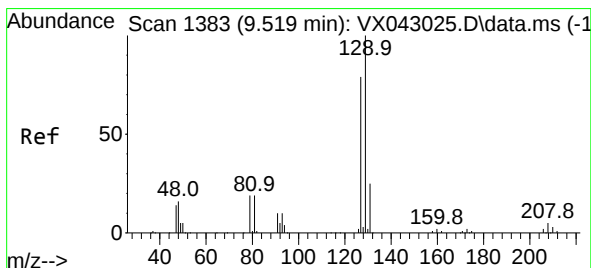
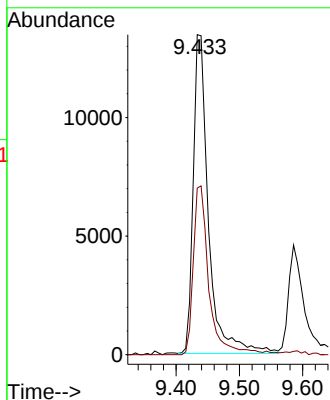
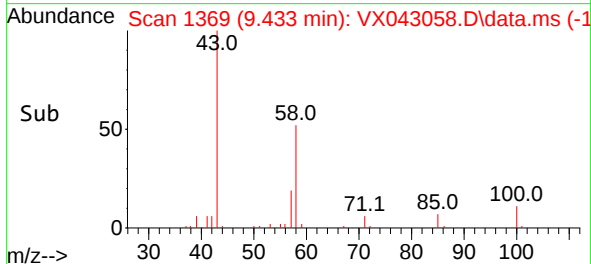
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 2248
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5

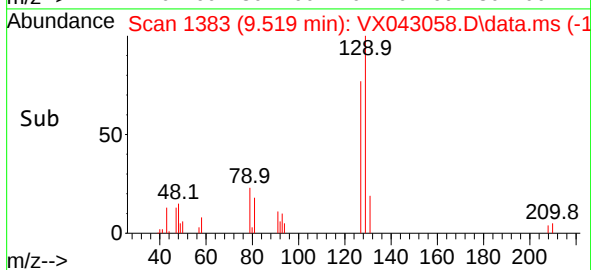
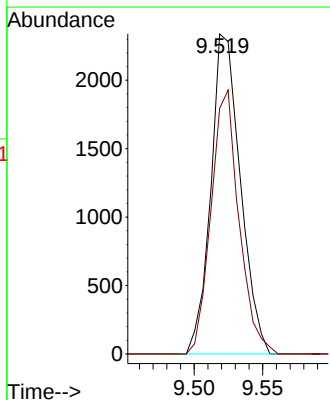
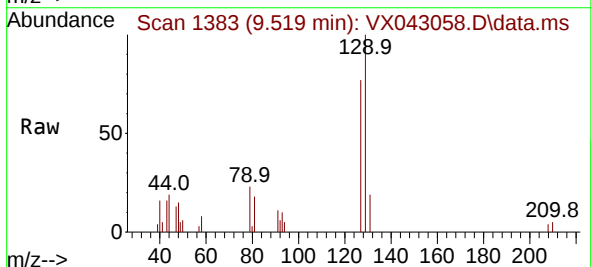
Manual Integrations
APPROVED

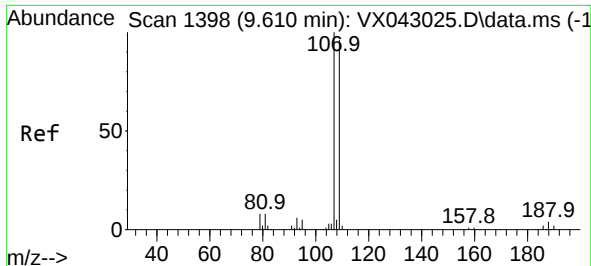
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#60
Dibromochloromethane
Concen: 2.509 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

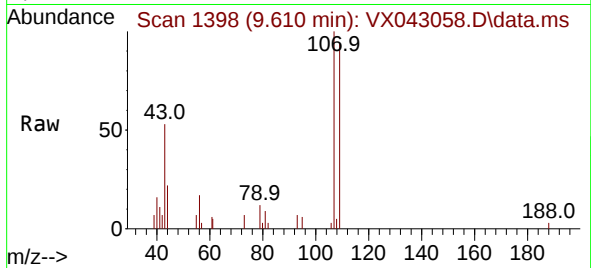
Tgt Ion:129 Resp: 3507
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.570 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

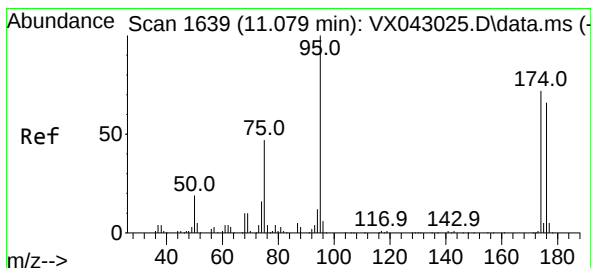
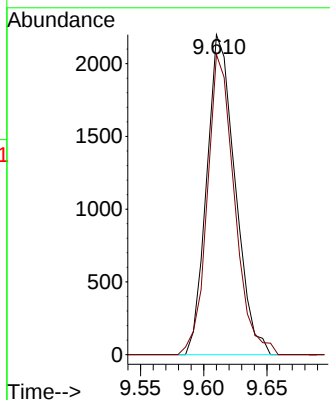
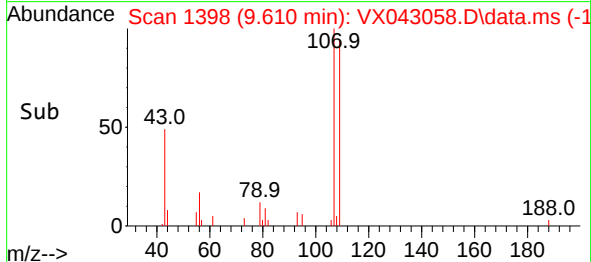
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



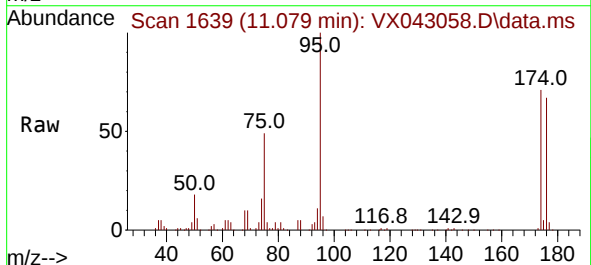
Tgt Ion:107 Resp: 343
Ion Ratio Lower Upper
107 100
109 89.8 75.2 112.8

Manual Integrations
APPROVED

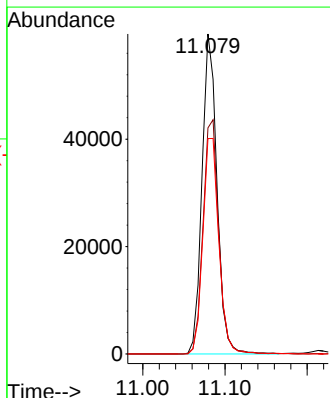
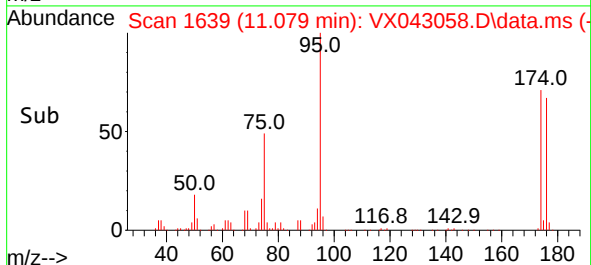
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

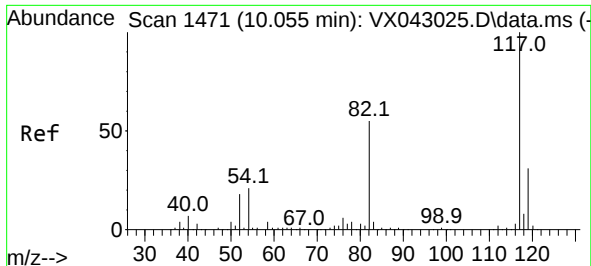


#62
4-Bromofluorobenzene
Concen: 45.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



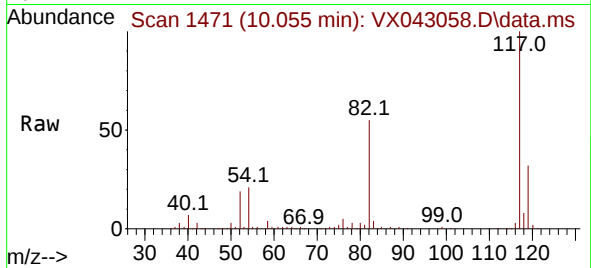
Tgt Ion: 95 Resp: 75299
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 72.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

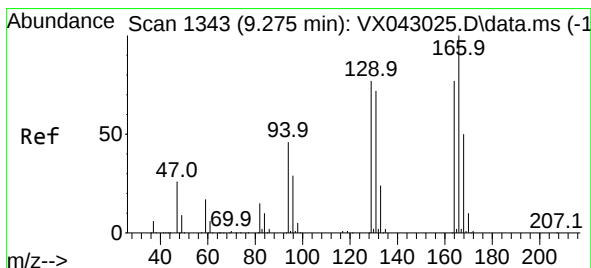
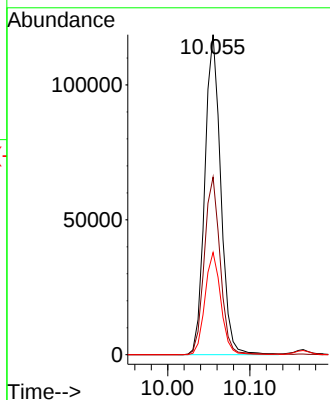
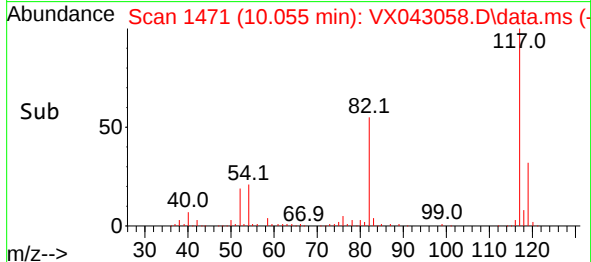
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:117 Resp: 15971
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.9 25.5 38.3

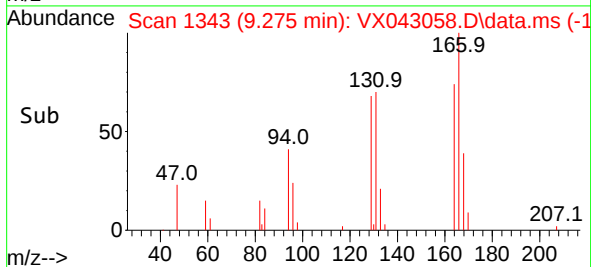
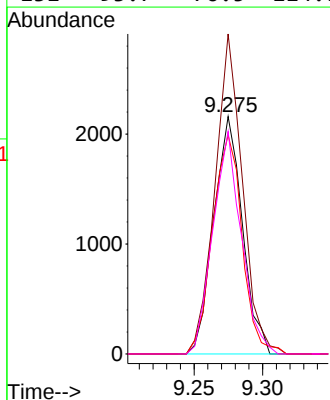
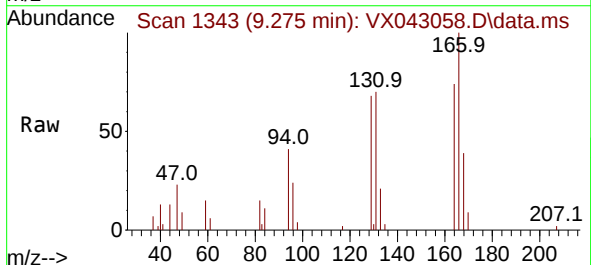
Manual Integrations
APPROVED

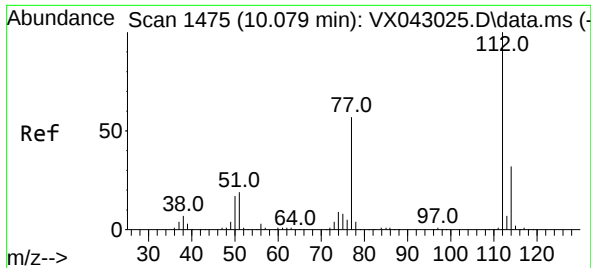
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#64
Tetrachloroethene
Concen: 3.063 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:164 Resp: 3157
Ion Ratio Lower Upper
164 100
166 134.7 102.7 154.1
129 92.2 80.4 120.6
131 93.7 76.5 114.7





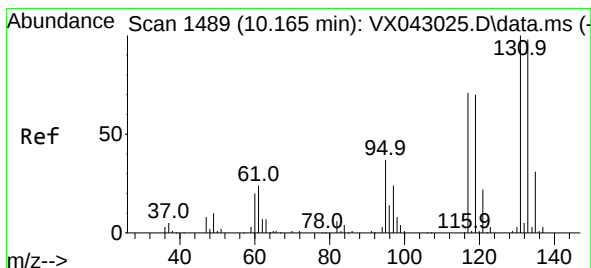
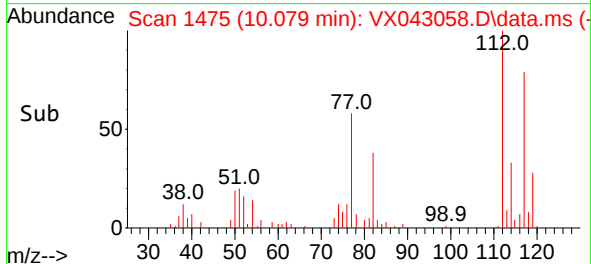
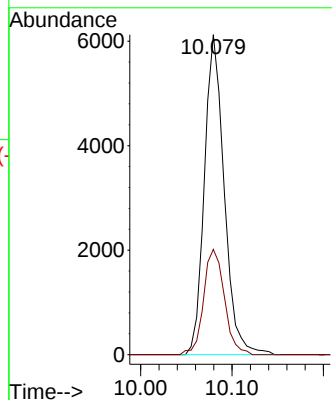
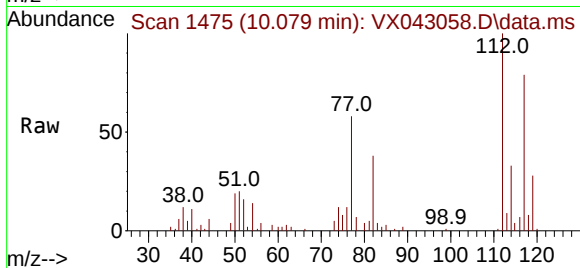
#65
Chlorobenzene
Concen: 2.668 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:112 Resp: 919
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

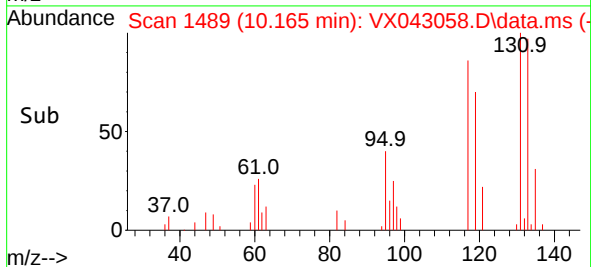
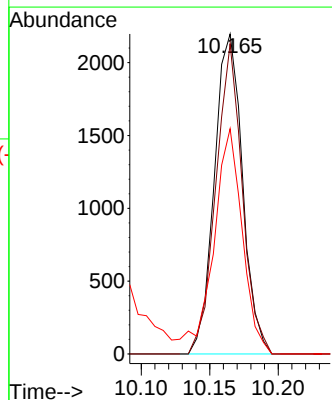
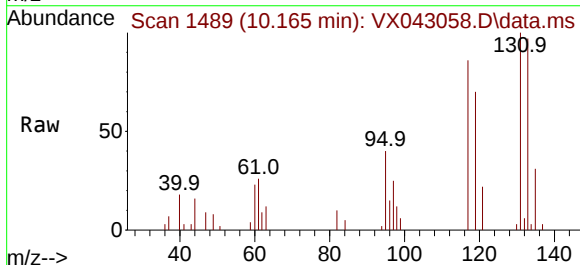
Manual Integrations
APPROVED

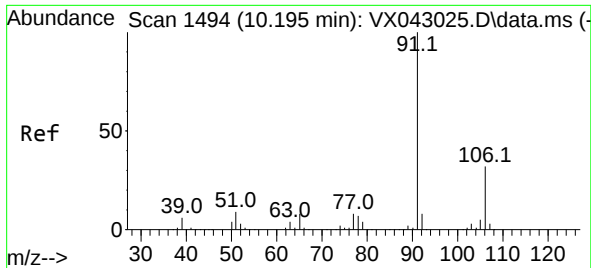
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.698 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

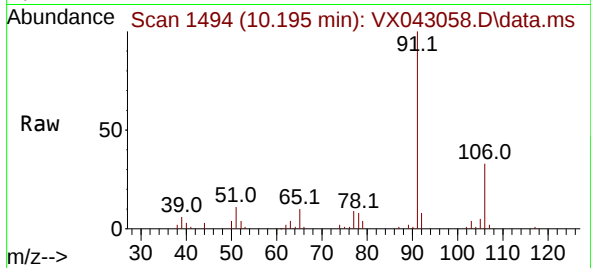
Tgt Ion:131 Resp: 3133
Ion Ratio Lower Upper
131 100
133 91.0 47.1 141.4
119 71.3 32.2 96.6





#67
Ethyl Benzene
Concen: 2.570 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

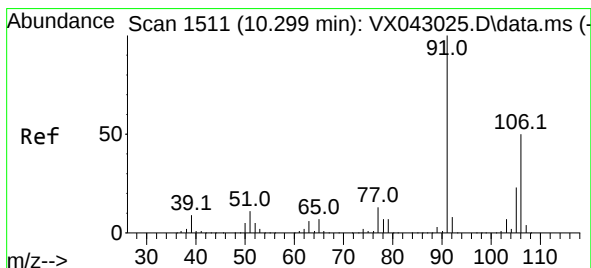
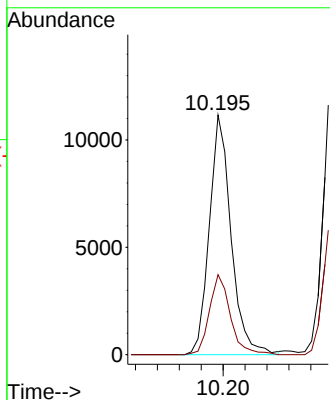
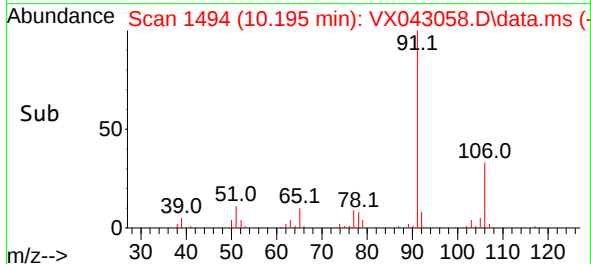
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 91 Resp: 1538
Ion Ratio Lower Upper
91 100
106 33.4 24.9 37.3

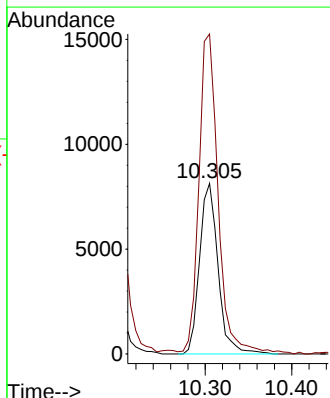
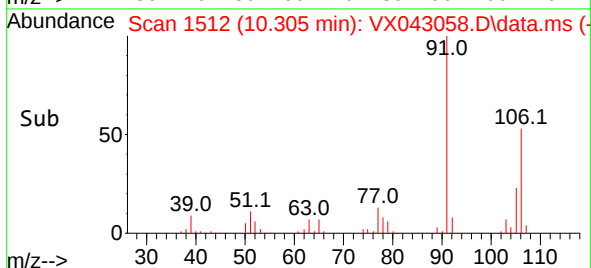
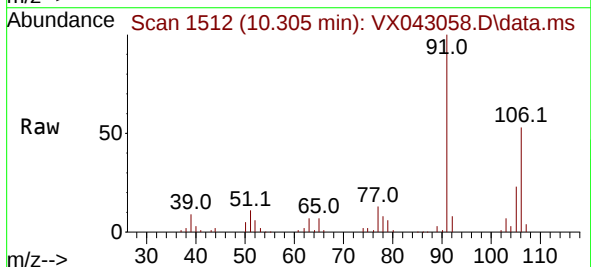
Manual Integrations
APPROVED

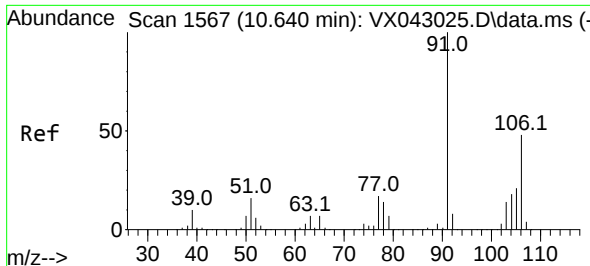
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#68
m/p-Xylenes
Concen: 5.240 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:106 Resp: 12066
Ion Ratio Lower Upper
106 100
91 195.8 165.5 248.3





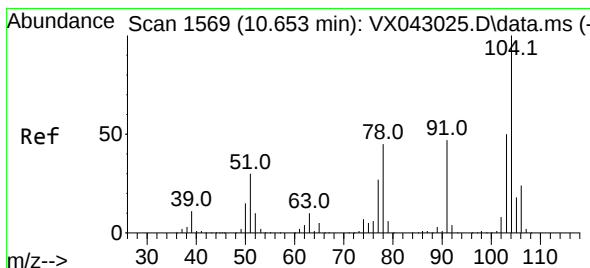
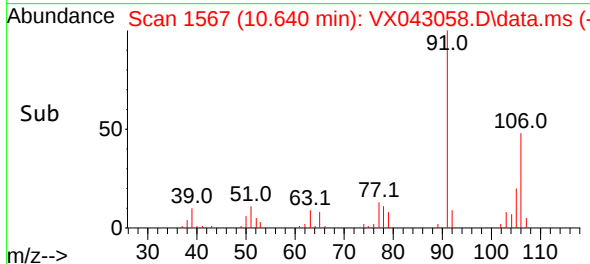
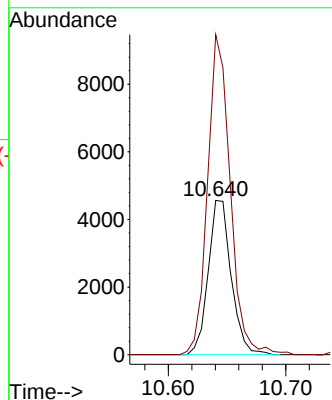
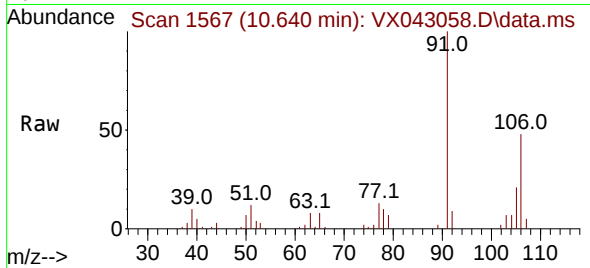
#69
o-Xylene
Concen: 2.682 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:106 Resp: 6204
Ion Ratio Lower Upper
106 100
91 204.4 108.9 326.8

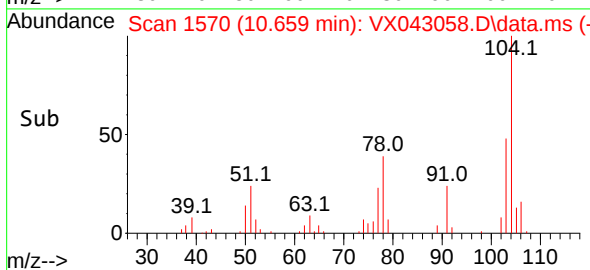
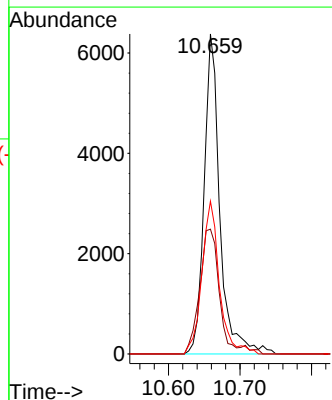
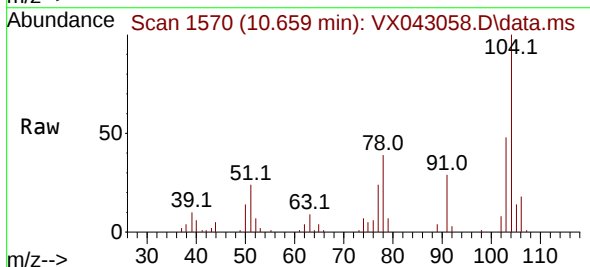
Manual Integrations
APPROVED

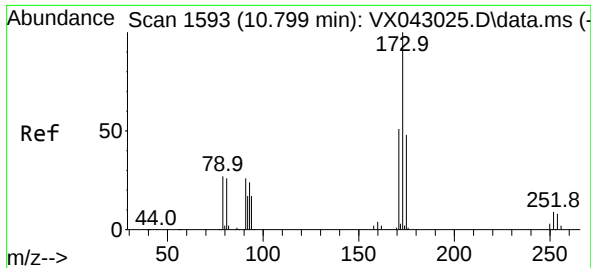
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#70
Styrene
Concen: 2.512 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

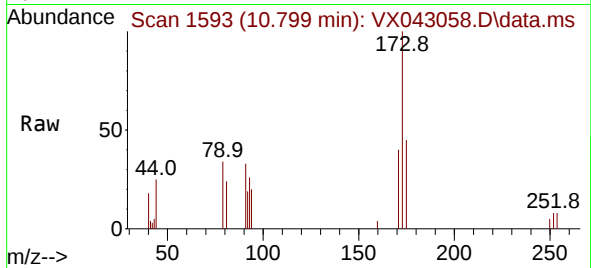
Tgt Ion:104 Resp: 9742
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 53.3 43.6 65.4





#71
Bromoform
Concen: 2.539 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

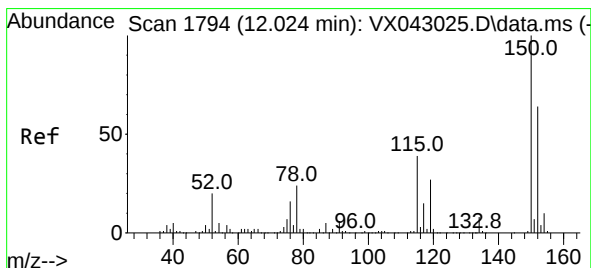
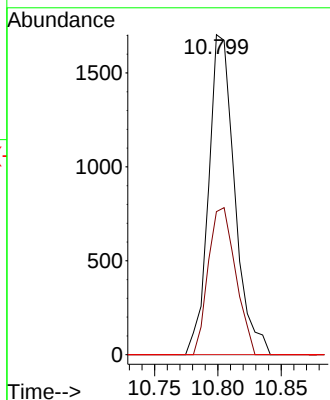
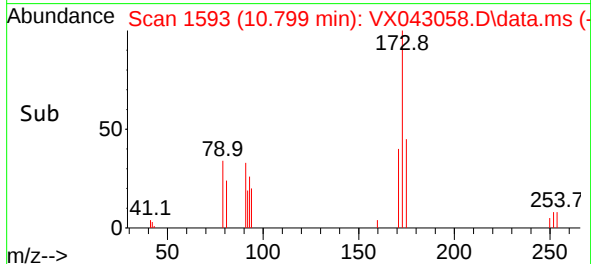
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:173 Resp: 2448
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

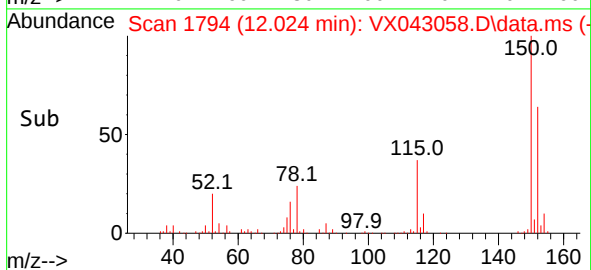
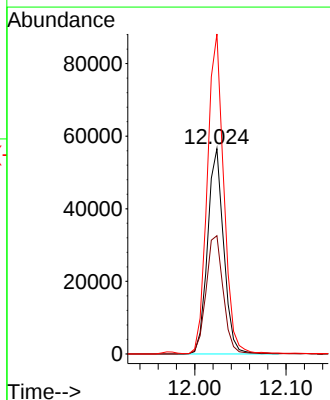
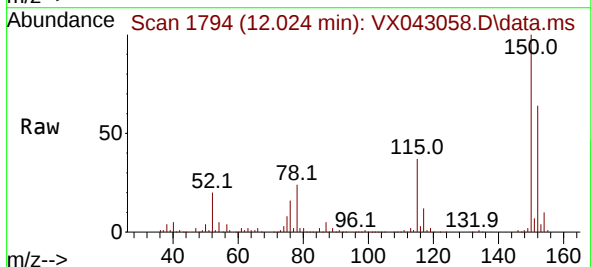
Manual Integrations
APPROVED

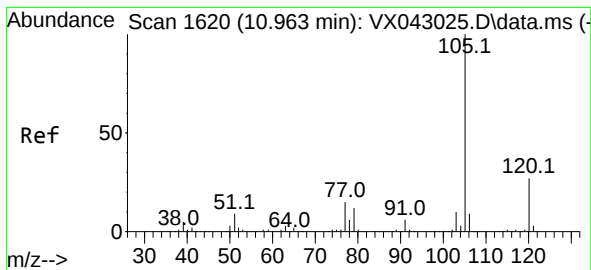
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:152 Resp: 69130
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 158.9 0.0 345.0





#73

Isopropylbenzene

Concen: 2.719 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 14338

Ion Ratio Lower Upper

105 100

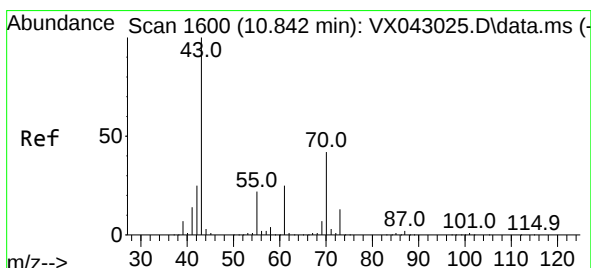
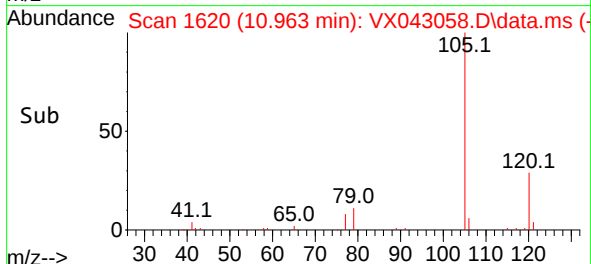
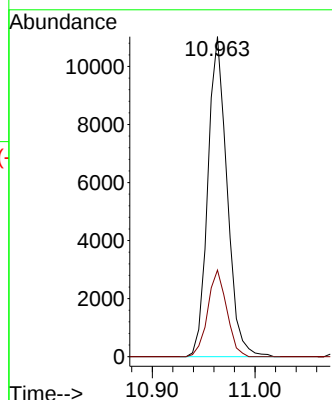
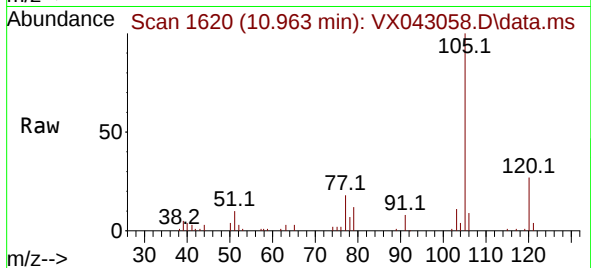
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024

Supervised By :Semsettin Yesilyurt 08/16/2024



#74

N-ethyl acetate

Concen: 2.633 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion: 43 Resp: 7908

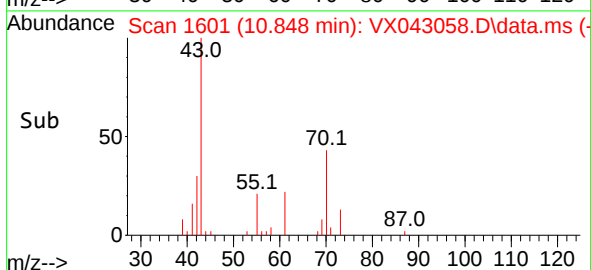
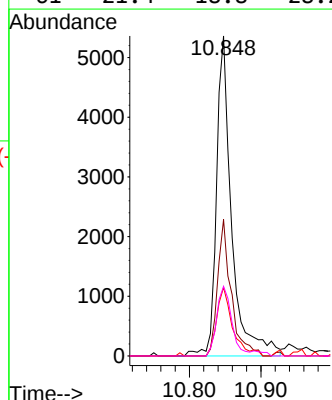
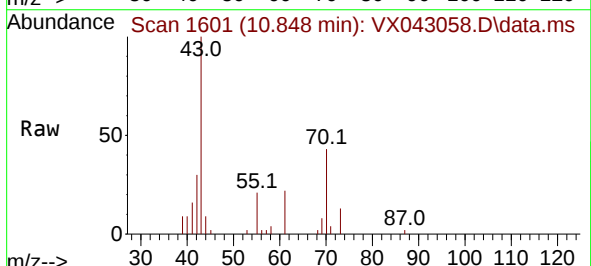
Ion Ratio Lower Upper

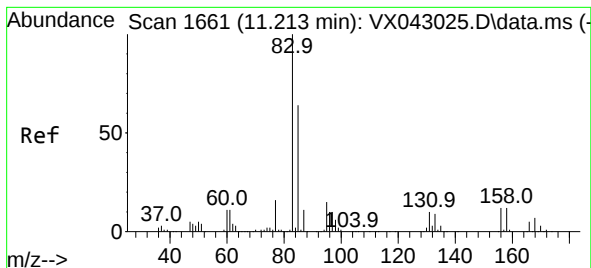
43 100

70 38.0 32.9 49.3

55 22.3 19.3 28.9

61 21.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.655 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

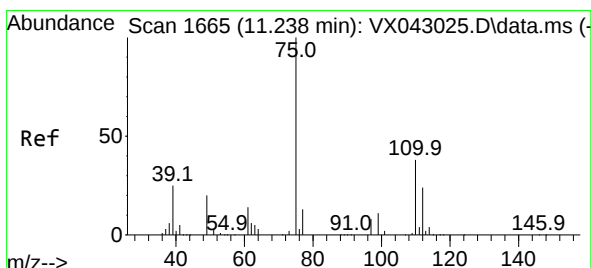
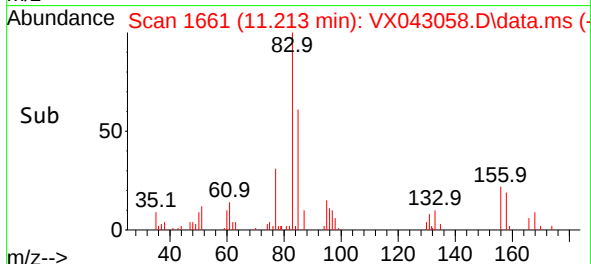
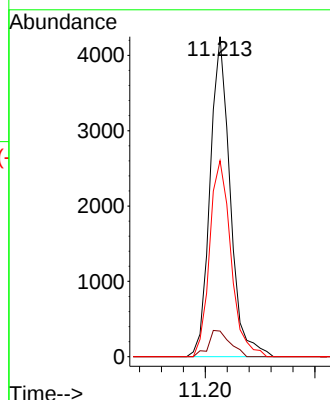
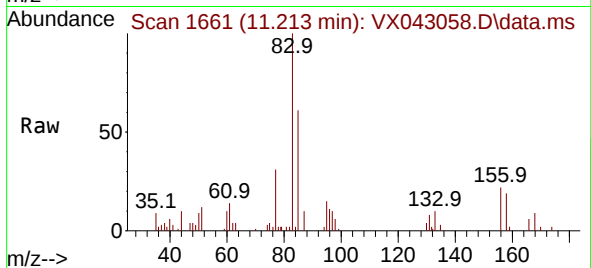
MDL-WATER-03-QT3-2024

Tgt Ion:	83	Resp:	5390
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.3	15.8
85	65.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#76

1,2,3-Trichloropropane

Concen: 3.056 ug/l m

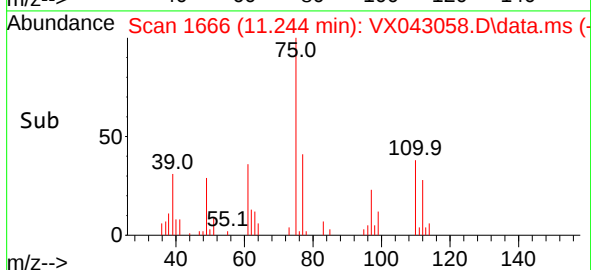
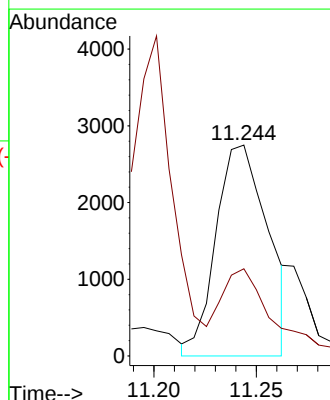
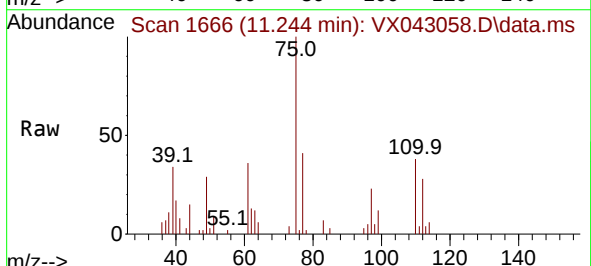
RT: 11.244 min Scan# 1666

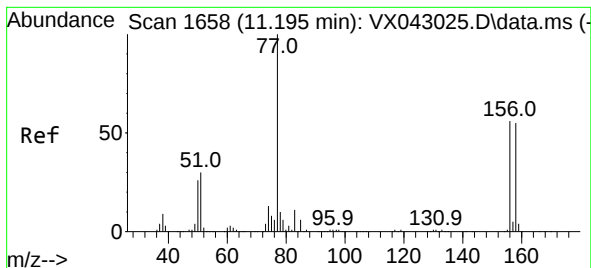
Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:	75	Resp:	4842
Ion Ratio	Lower	Upper	
75	100		
77	41.4	19.1	57.5





#77

Bromobenzene

Concen: 2.839 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

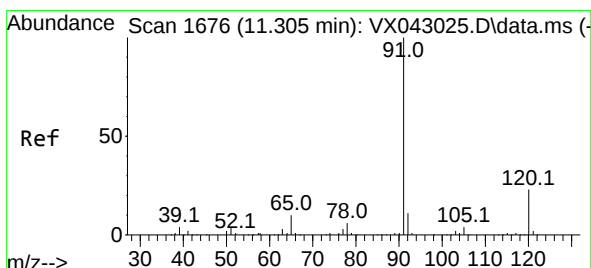
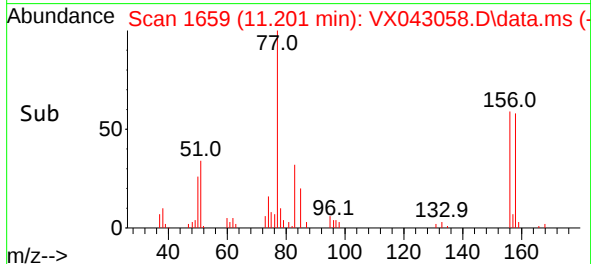
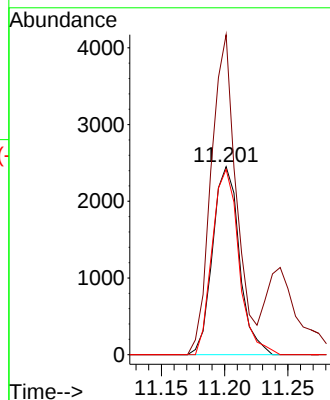
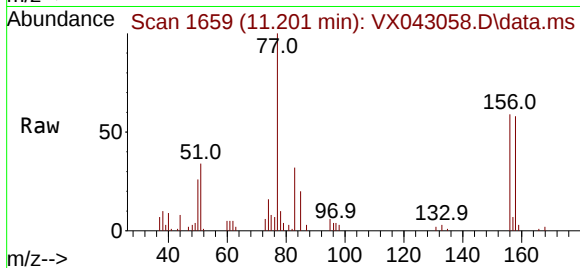
MDL-WATER-03-QT3-2024

Tgt Ion:	156	Resp:	359
Ion Ratio	Lower	Upper	
156	100		
77	161.0	88.4	265.3
158	98.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#78

n-propylbenzene

Concen: 2.618 ug/l

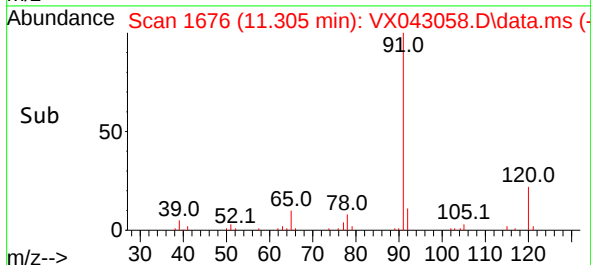
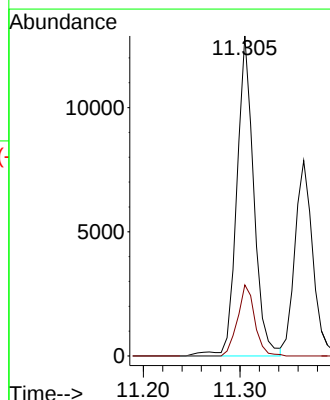
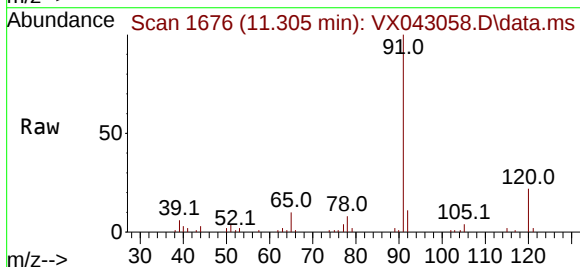
RT: 11.305 min Scan# 1676

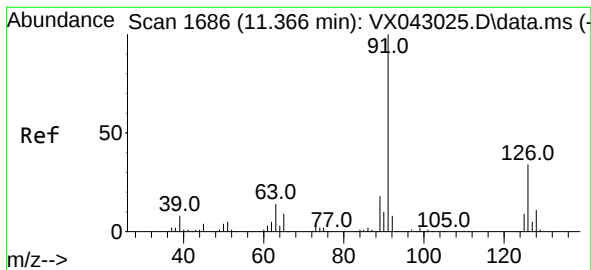
Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:	91	Resp:	15734
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





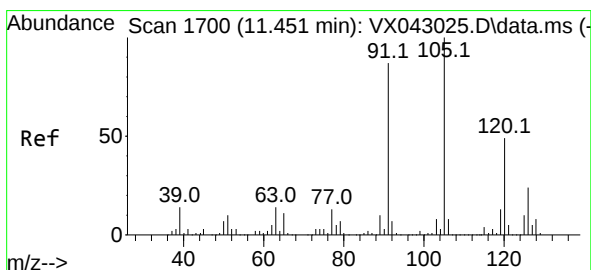
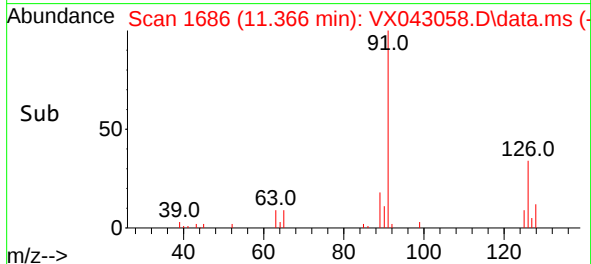
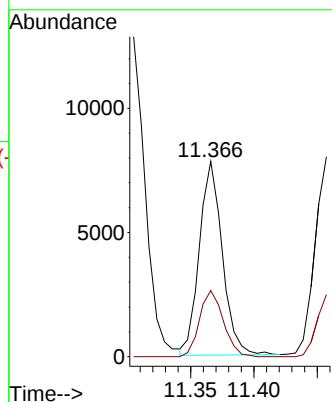
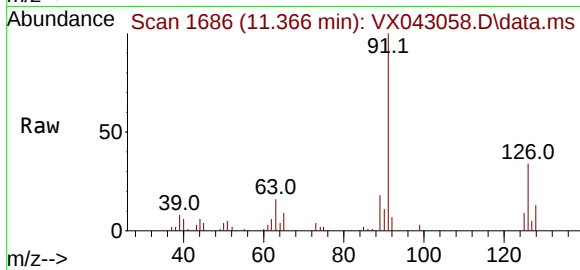
#79
2-Chlorotoluene
Concen: 2.642 ug/l
RT: 11.366 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 988
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8

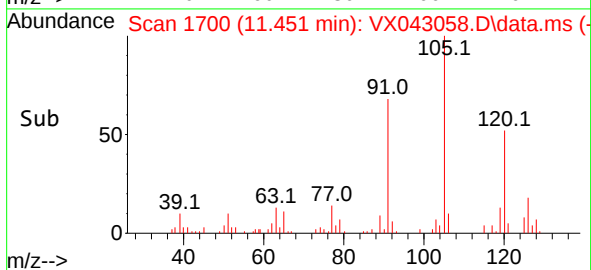
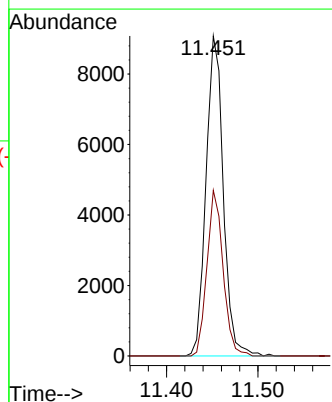
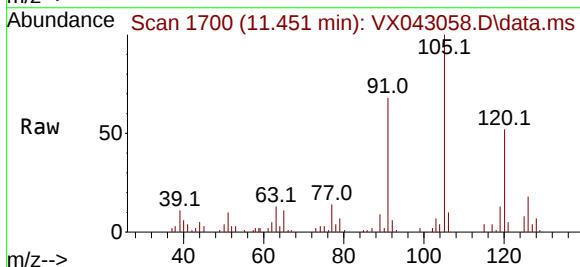
Manual Integrations
APPROVED

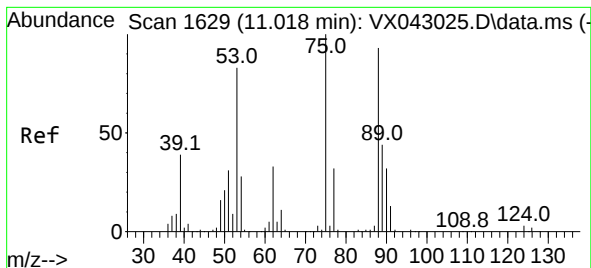
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.746 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

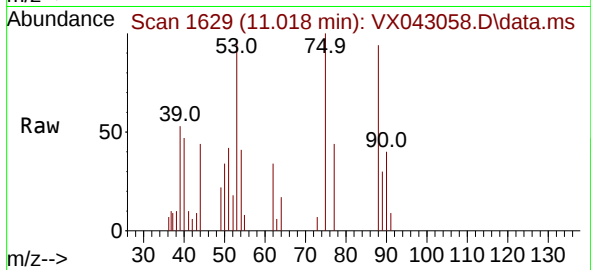
Tgt Ion:105 Resp: 11928
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 2.013 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

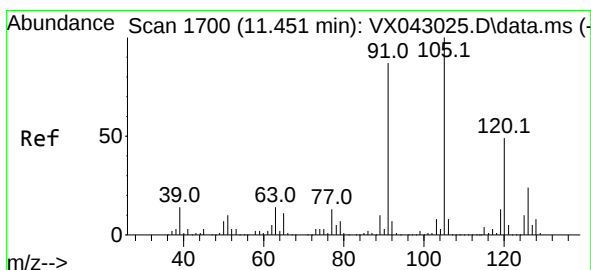
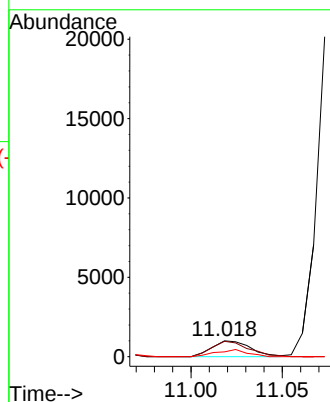
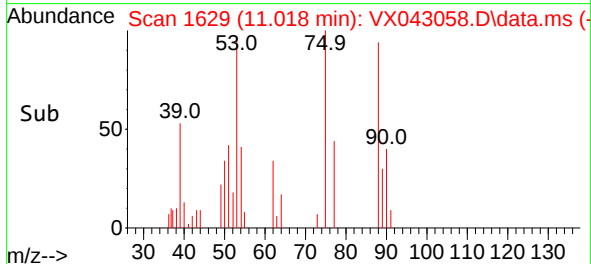
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



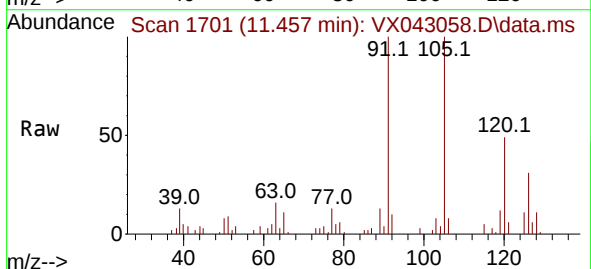
Tgt Ion: 75 Resp: 1462
Ion Ratio Lower Upper
75 100
53 93.4 90.5 135.7
89 36.5 36.9 55.3

Manual Integrations
APPROVED

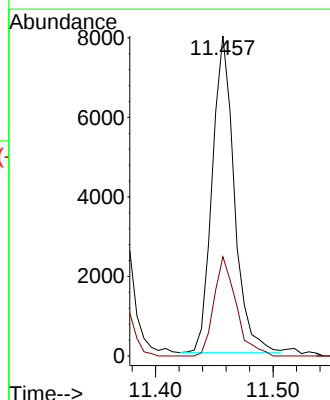
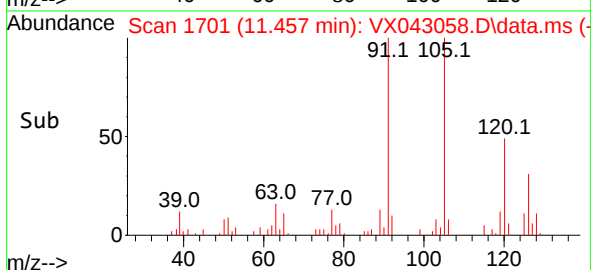
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

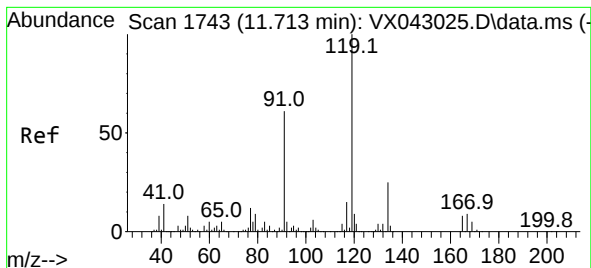


#82
4-Chlorotoluene
Concen: 2.493 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



Tgt Ion: 91 Resp: 10391
Ion Ratio Lower Upper
91 100
126 31.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.680 ug/l

RT: 11.713 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2024

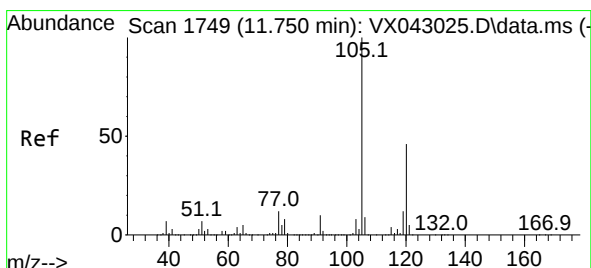
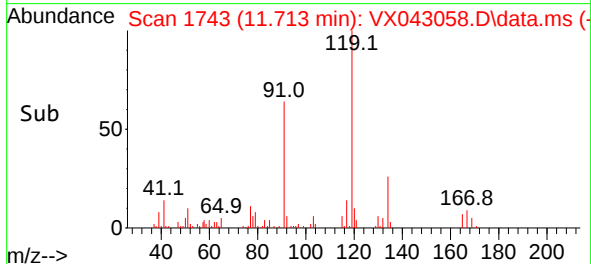
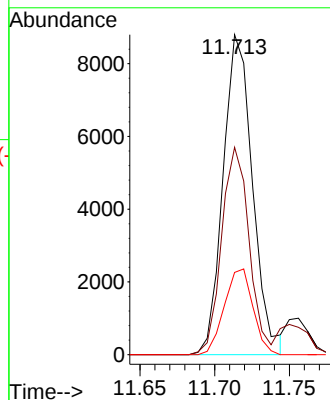
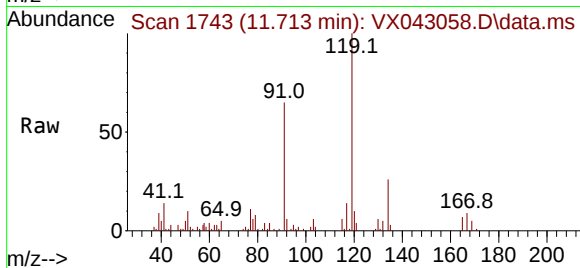
Tgt Ion:	119	Resp:	12050
Ion Ratio	Lower	Upper	
119	100		
91	60.6	31.2	93.6
134	26.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024

Supervised By :Semsettin Yesilyurt 08/16/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.641 ug/l

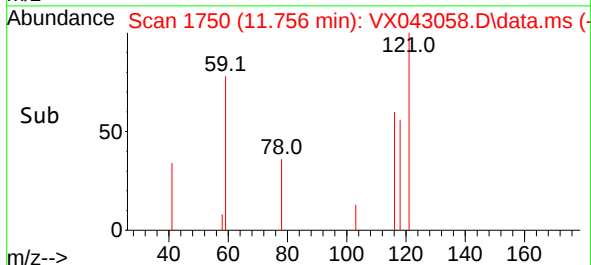
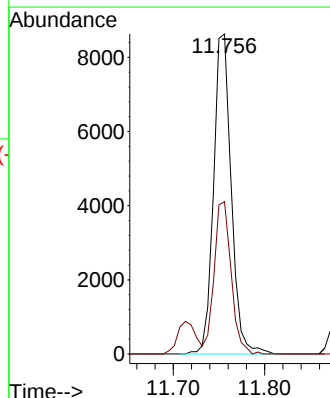
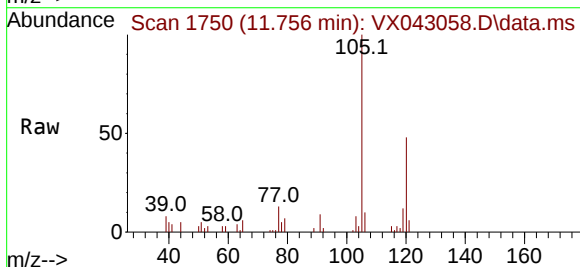
RT: 11.756 min Scan# 1750

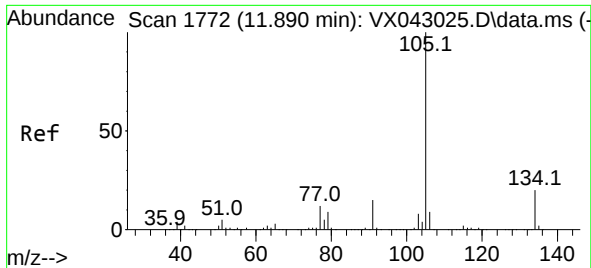
Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

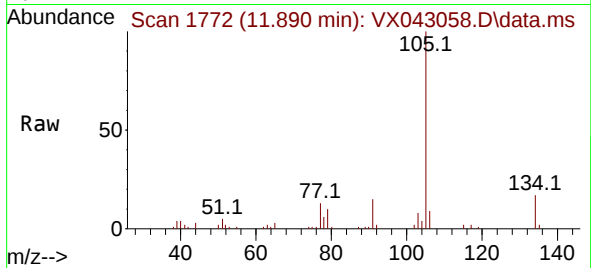
Tgt Ion:	105	Resp:	11574
Ion Ratio	Lower	Upper	
105	100		
120	45.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 2.546 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21

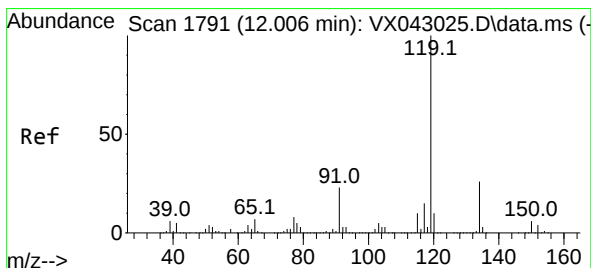
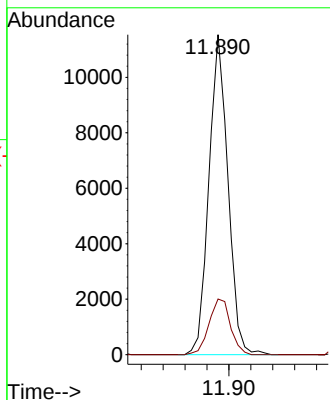
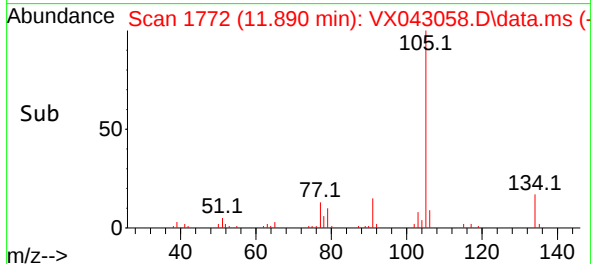
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT3-2024



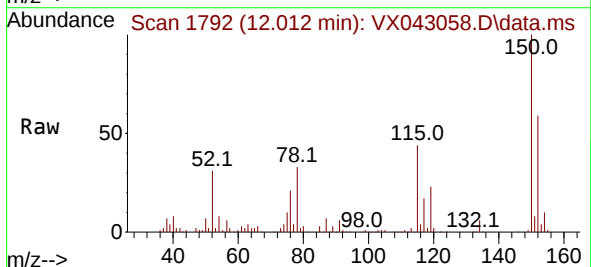
Tgt Ion:105 Resp: 13894
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

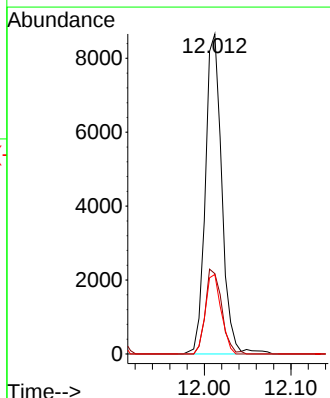
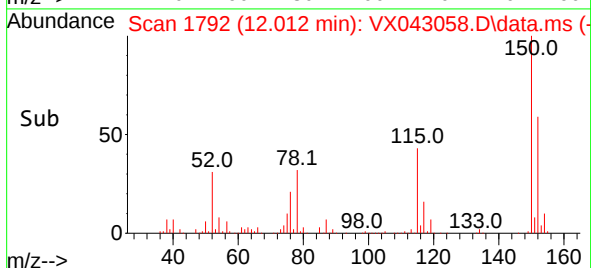
Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

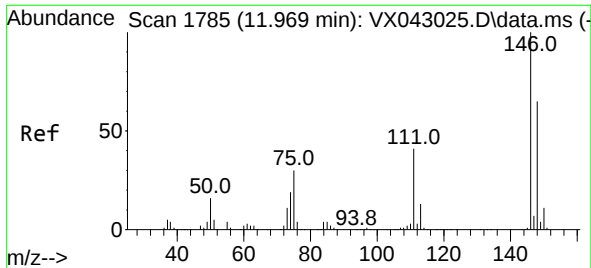


#86
 p-Isopropyltoluene
 Concen: 2.560 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043058.D
 Acq: 15 Aug 2024 17:21



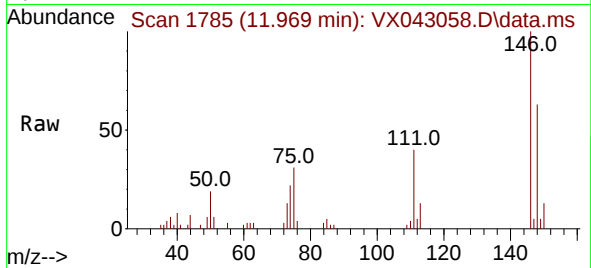
Tgt Ion:119 Resp: 11417
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 23.9 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 2.703 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

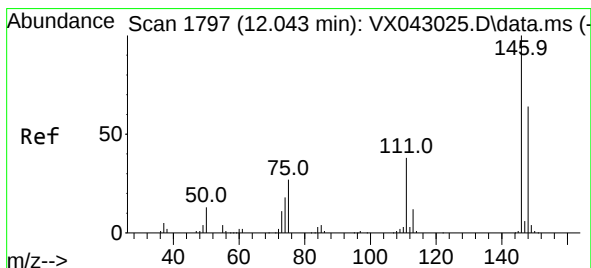
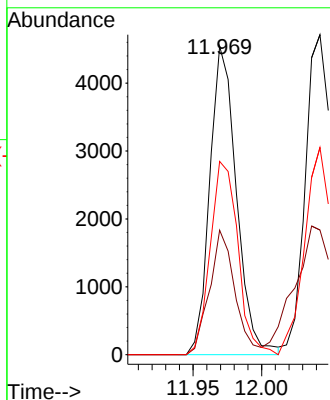
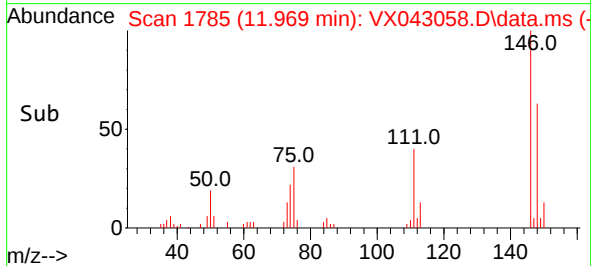
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2024



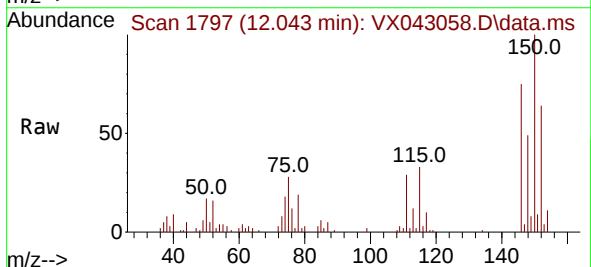
Tgt Ion:146 Resp: 6158
Ion Ratio Lower Upper
146 100
111 38.5 22.1 66.1
148 64.9 31.8 95.3

Manual Integrations
APPROVED

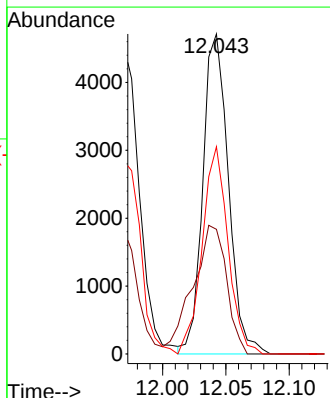
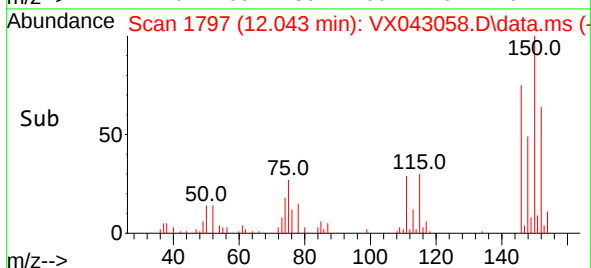
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024

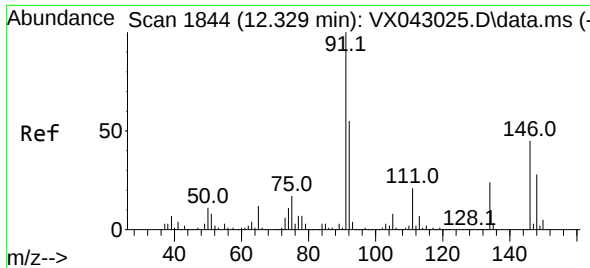


#88
1,4-Dichlorobenzene
Concen: 2.841 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21



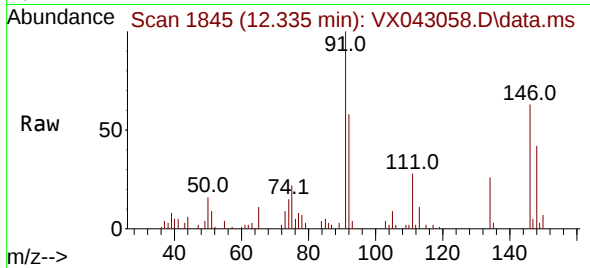
Tgt Ion:146 Resp: 6622
Ion Ratio Lower Upper
146 100
111 53.0 21.3 63.7
148 65.5 31.8 95.4





#89
n-Butylbenzene
Concen: 2.186 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

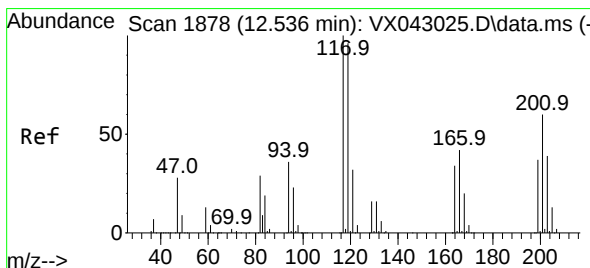
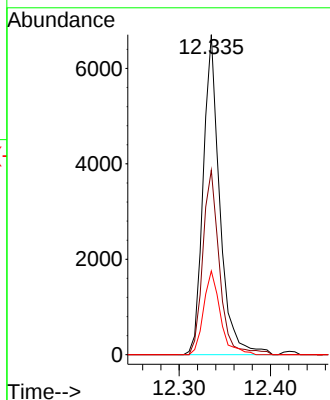
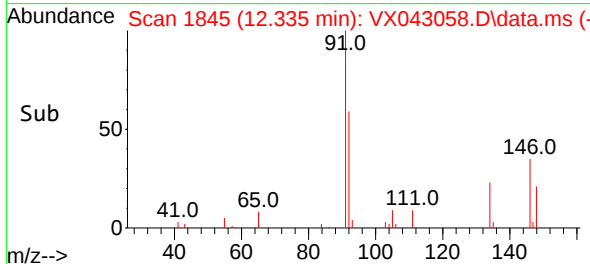
Instrument : MSVOA_X
Client SampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 91 Resp: 8438
Ion Ratio Lower Upper
91 100
92 57.7 27.4 82.0
134 26.4 12.6 37.8

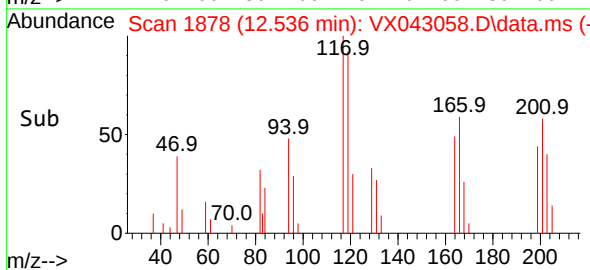
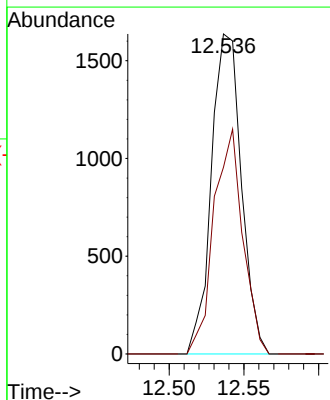
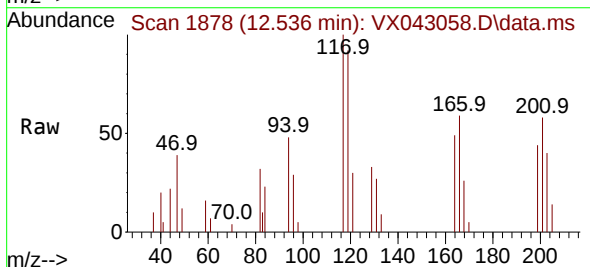
Manual Integrations
APPROVED

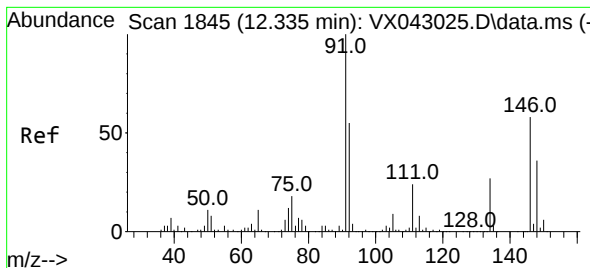
Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#90
Hexachloroethane
Concen: 2.553 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043058.D
Acq: 15 Aug 2024 17:21

Tgt Ion:117 Resp: 2286
Ion Ratio Lower Upper
117 100
201 67.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 2.649 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

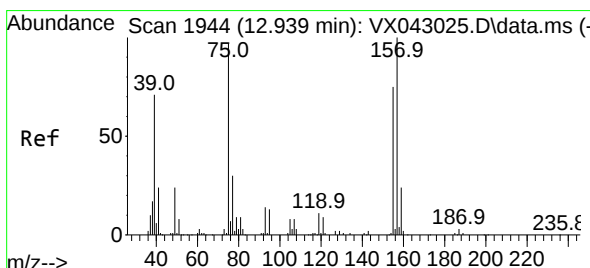
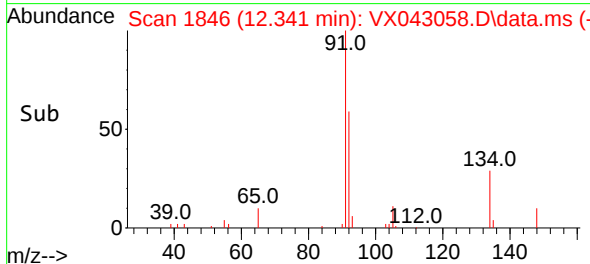
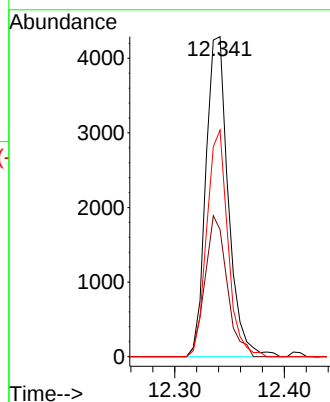
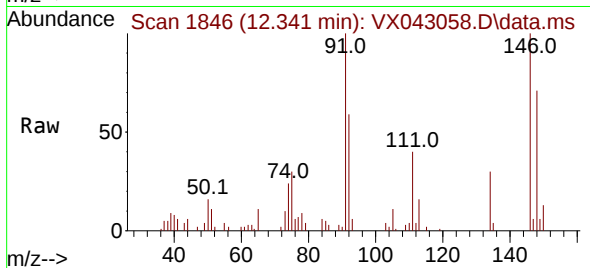
MDL-WATER-03-QT3-2024

Tgt Ion:	146	Resp:	608
Ion Ratio	Lower	Upper	
146	100		
111	43.4	22.4	67.0
148	66.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.599 ug/l

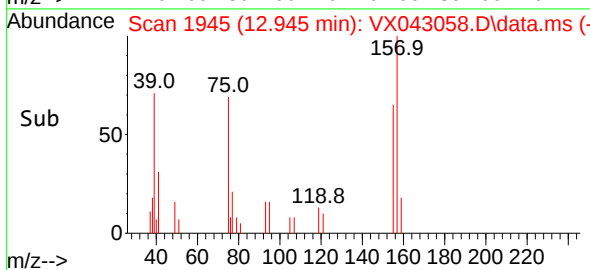
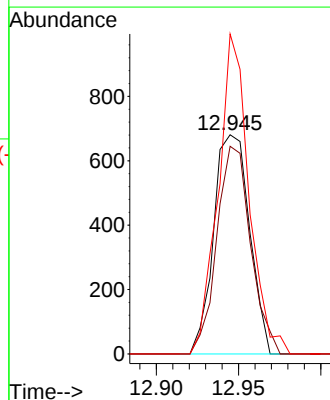
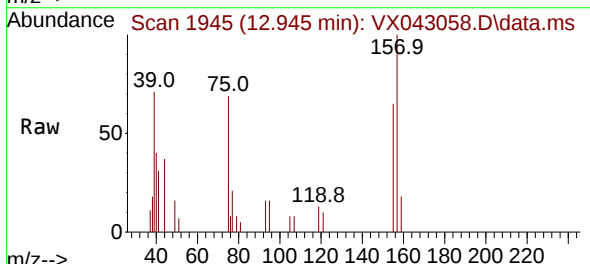
RT: 12.945 min Scan# 1945

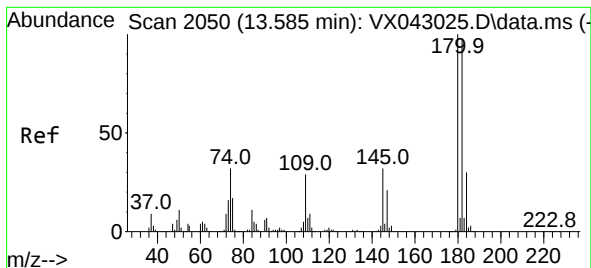
Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:	75	Resp:	1032
Ion Ratio	Lower	Upper	
75	100		
155	89.2	36.1	108.5
157	125.4	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.305 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

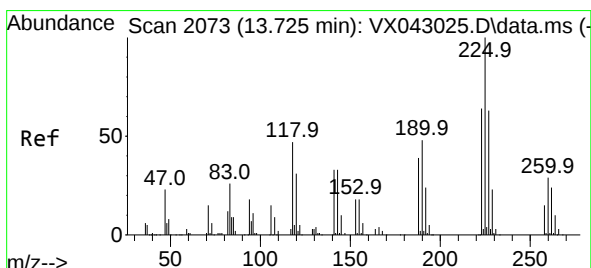
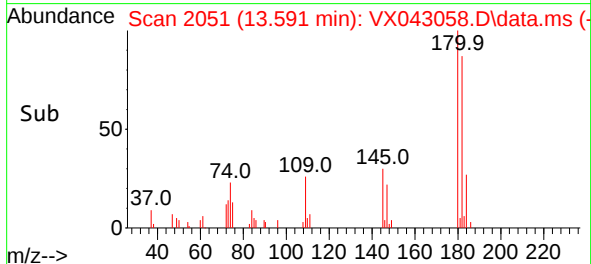
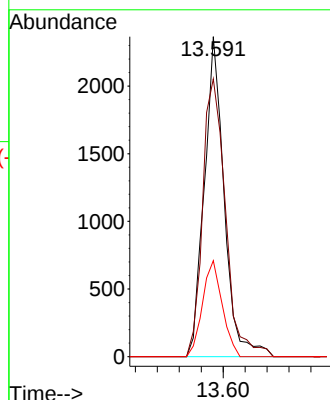
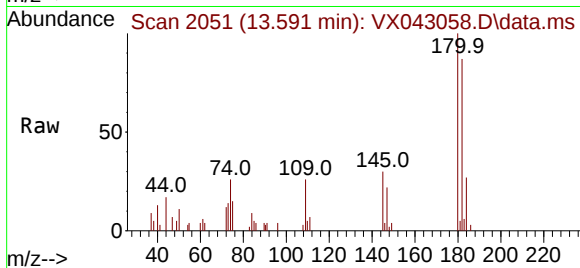
MDL-WATER-03-QT3-2024

Tgt Ion:180	Resp:	2980
Ion Ratio	Lower	Upper
180	100	
182	99.8	48.3 144.8
145	29.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#94

Hexachlorobutadiene

Concen: 2.734 ug/l

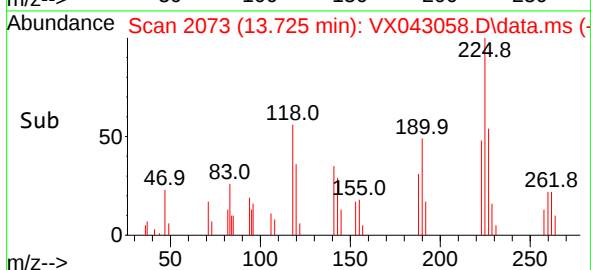
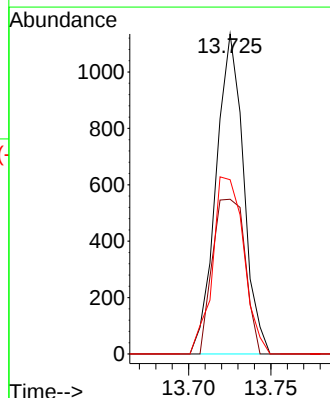
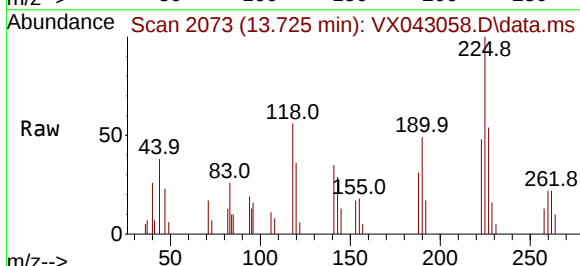
RT: 13.725 min Scan# 2073

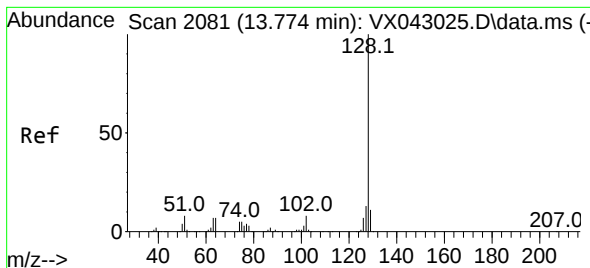
Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:225	Resp:	1319
Ion Ratio	Lower	Upper
225	100	
223	57.3	31.1 93.2
227	62.8	32.5 97.5





#95

Naphthalene

Concen: 2.475 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Instrument :

MSVOA_X

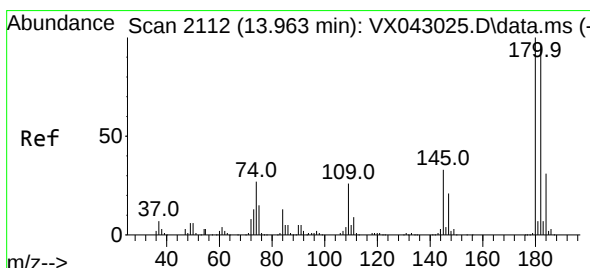
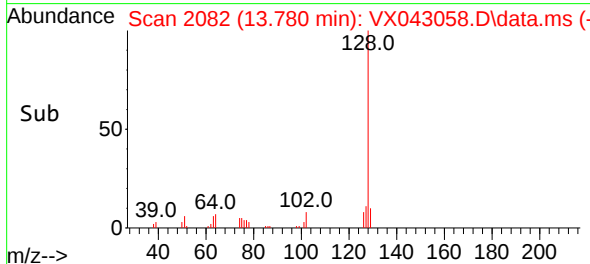
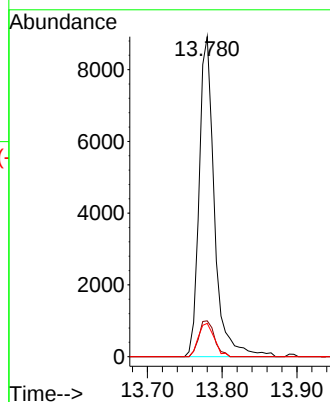
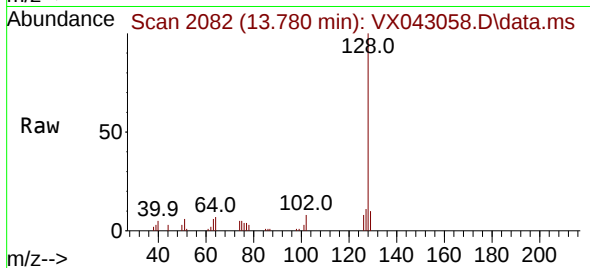
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:	128	Resp:	1263
Ion Ratio	Lower	Upper	
128	100		
127	11.7	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
Supervised By :Semsettin Yesilyurt 08/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.480 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043058.D

Acq: 15 Aug 2024 17:21

Tgt Ion:	180	Resp:	3279
Ion Ratio	Lower	Upper	
180	100		
182	93.4	46.9	140.6
145	30.3	17.8	53.5

