

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041945.D
 Acq On : 19 Jun 2024 14:26
 Operator : JC/MD
 Sample : P2403-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Jun 20 01:33:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:30:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173506	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	262259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92504	46.235	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.460%		
35) Dibromofluoromethane	5.385	113	80136	43.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.120%		
50) Toluene-d8	8.647	98	281320	43.033	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.060%#		
62) 4-Bromofluorobenzene	11.079	95	96334	39.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.960%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1078	0.816	ug/l	91
3) Chloromethane	1.301	50	1632	0.984	ug/l	# 87
4) Vinyl Chloride	1.374	62	1412	0.849	ug/l	89
5) Bromomethane	1.593	94	947	1.154	ug/l	95
6) Chloroethane	1.666	64	892m	1.066	ug/l	
7) Trichlorofluoromethane	1.868	101	1862	0.855	ug/l	85
8) Diethyl Ether	2.136	74	847	0.829	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.319	101	1250	0.833	ug/l	# 80
10) Methyl Iodide	2.441	142	1525	0.818	ug/l	# 81
11) Tert butyl alcohol	3.002	59	1499	3.948	ug/l	99
12) 1,1-Dichloroethene	2.300	96	1271	0.849	ug/l	# 73
13) Acrolein	2.239	56	1446	3.397	ug/l	97
14) Allyl chloride	2.654	41	1989	0.838	ug/l	92
15) Acrylonitrile	3.075	53	3789	3.820	ug/l	99
16) Acetone	2.392	43	4062	4.624	ug/l	98
17) Carbon Disulfide	2.496	76	2415	0.791	ug/l	# 90
18) Methyl Acetate	2.709	43	2050	0.855	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	3962	0.801	ug/l	96
20) Methylene Chloride	2.788	84	2205	1.146	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	1273	0.838	ug/l	# 78
22) Diisopropyl ether	3.776	45	4004	0.798	ug/l	96
23) Vinyl Acetate	3.733	43	14936	3.486	ug/l	96
24) 1,1-Dichloroethane	3.605	63	2284	0.813	ug/l	# 84
25) 2-Butanone	4.605	43	5195	3.801	ug/l	97
26) 2,2-Dichloropropane	4.477	77	1460	0.718	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	1529	0.804	ug/l	82
28) Bromochloromethane	4.904	49	949	0.789	ug/l	# 83
29) Tetrahydrofuran	5.038	42	3521	3.989	ug/l	# 65
30) Chloroform	5.111	83	2310	0.789	ug/l	# 80
31) Cyclohexane	5.464	56	1868	0.798	ug/l	# 86
32) 1,1,1-Trichloroethane	5.373	97	2026	0.828	ug/l	# 47
36) 1,1-Dichloropropene	5.696	75	1542	0.780	ug/l	97
37) Ethyl Acetate	4.745	43	1637	0.636	ug/l	# 78
38) Carbon Tetrachloride	5.684	117	1688	0.773	ug/l	# 82
39) Methylcyclohexane	7.385	83	2002	0.801	ug/l	# 87
40) Benzene	6.038	78	5172	0.776	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	721	0.517	ug/l #	59
42) 1,2-Dichloroethane	6.086	62	1805	0.841	ug/l	89
43) Isopropyl Acetate	6.373	43	2685	0.680	ug/l	97
44) Trichloroethene	7.129	130	1356	0.759	ug/l	94
45) 1,2-Dichloropropane	7.434	63	1197	0.730	ug/l #	86
46) Dibromomethane	7.598	93	923	0.773	ug/l #	81
47) Bromodichloromethane	7.824	83	1474	0.672	ug/l	94
48) Methyl methacrylate	7.726	41	1340m	0.711	ug/l	
49) 1,4-Dioxane	7.696	88	517	11.340	ug/l #	82
51) 4-Methyl-2-Pentanone	8.580	43	9436	3.467	ug/l	95
52) Toluene	8.726	92	3225	0.760	ug/l	90
53) t-1,3-Dichloropropene	8.988	75	1099	0.512	ug/l #	85
54) cis-1,3-Dichloropropene	8.373	75	1370	0.571	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	1368	0.774	ug/l #	87
56) Ethyl methacrylate	9.128	69	1543	0.561	ug/l #	92
57) 1,3-Dichloropropane	9.317	76	2105	0.737	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	4369	3.409	ug/l	98
59) 2-Hexanone	9.439	43	6904	3.312	ug/l	97
60) Dibromochloromethane	9.525	129	1289	0.671	ug/l	90
61) 1,2-Dibromoethane	9.616	107	1326	0.723	ug/l	93
64) Tetrachloroethene	9.275	164	1621	0.965	ug/l #	81
65) Chlorobenzene	10.080	112	3934	0.820	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1202	0.716	ug/l #	64
67) Ethyl Benzene	10.201	91	5681	0.755	ug/l	97
68) m/p-Xylenes	10.305	106	4509	1.485	ug/l	93
69) o-Xylene	10.646	106	2227	0.741	ug/l	91
70) Styrene	10.665	104	3154	0.626	ug/l	93
71) Bromoform	10.805	173	1016	0.676	ug/l #	94
73) Isopropylbenzene	10.964	105	5092	0.757	ug/l	95
74) N-amyl acetate	10.848	43	1898	0.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	2027	0.811	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1735m	0.864	ug/l	
77) Bromobenzene	11.201	156	1653	0.825	ug/l	79
78) n-propylbenzene	11.305	91	5397	0.740	ug/l	99
79) 2-Chlorotoluene	11.366	91	4143	0.881	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4017	0.717	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.018	75	417m	0.590	ug/l	
82) 4-Chlorotoluene	11.457	91	3791	0.730	ug/l	88
83) tert-Butylbenzene	11.713	119	4432	0.721	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	4061	0.723	ug/l	89
85) sec-Butylbenzene	11.890	105	4931	0.709	ug/l	99
86) p-Isopropyltoluene	12.012	119	4130	0.680	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	2923	0.830	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	2821m	0.783	ug/l	
89) n-Butylbenzene	12.335	91	2967	0.635	ug/l	95
90) Hexachloroethane	12.536	117	785	0.759	ug/l	83
91) 1,2-Dichlorobenzene	12.341	146	2912	0.808	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.951	75	324	0.654	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.591	180	1630	0.691	ug/l	91
94) Hexachlorobutadiene	13.731	225	893	0.748	ug/l	95
95) Naphthalene	13.780	128	4573	0.629	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1787	0.718	ug/l	91

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QLast Update : Thu Jun 20 01:30:37 2024
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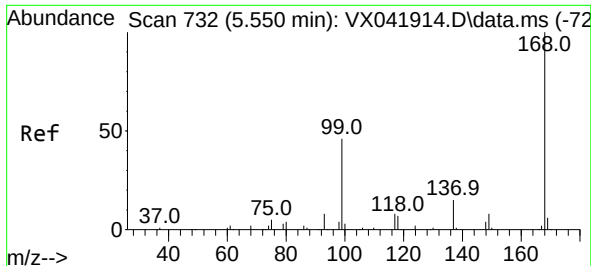
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations
APPROVED

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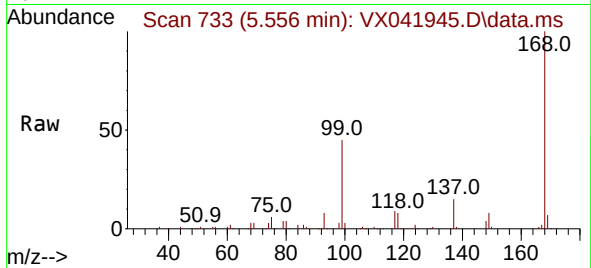
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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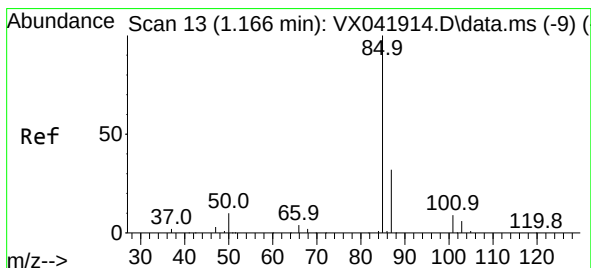
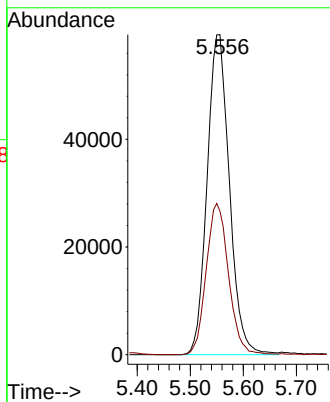
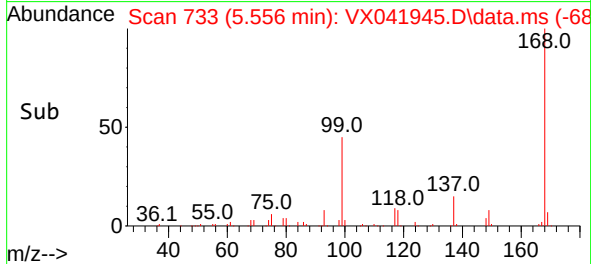
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:168 Resp: 173500
Ion Ratio Lower Upper
168 100
99 44.9 56.6 85.0

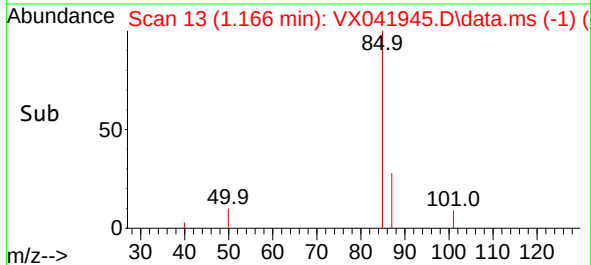
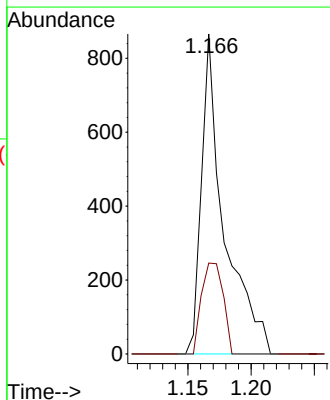
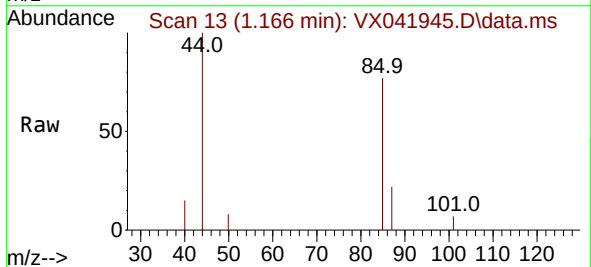
Manual Integrations
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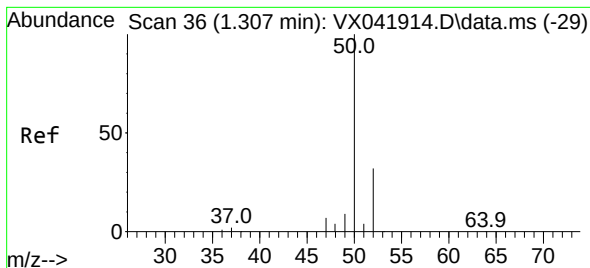
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#2
Dichlorodifluoromethane
Concen: 0.816 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 85 Resp: 1078
Ion Ratio Lower Upper
85 100
87 28.4 16.7 50.1





#3

Chloromethane

Concen: 0.984 ug/l

RT: 1.301 min Scan# 3

Delta R.T. -0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 50 Resp: 163

Ion Ratio Lower Upper

50 100

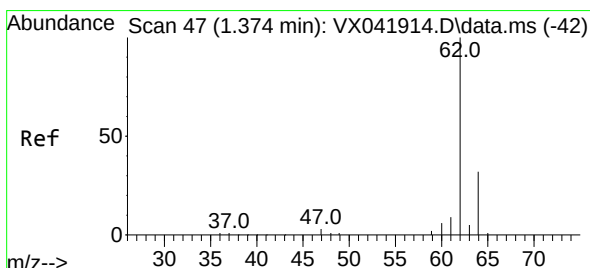
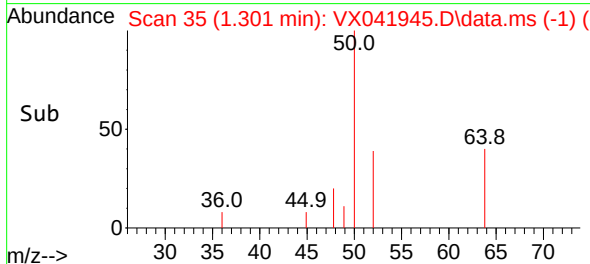
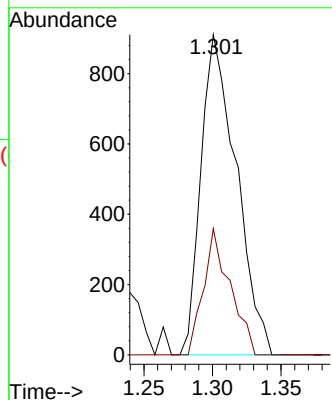
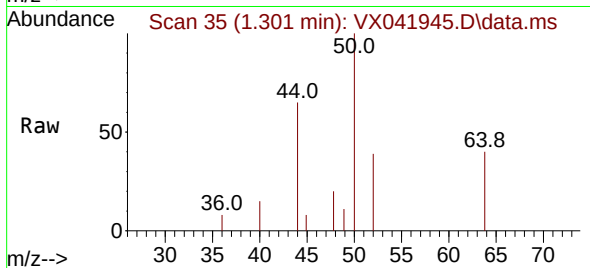
52 39.4 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/20/2024



#4

Vinyl Chloride

Concen: 0.849 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041945.D

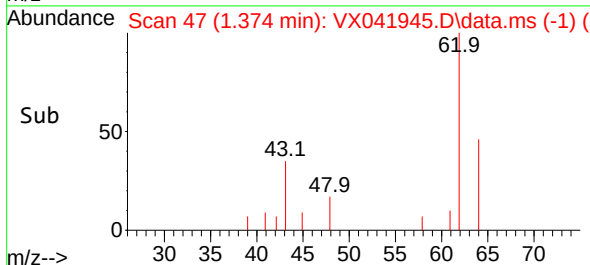
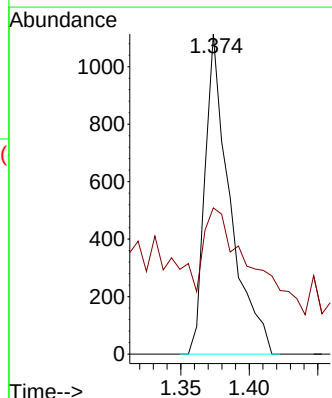
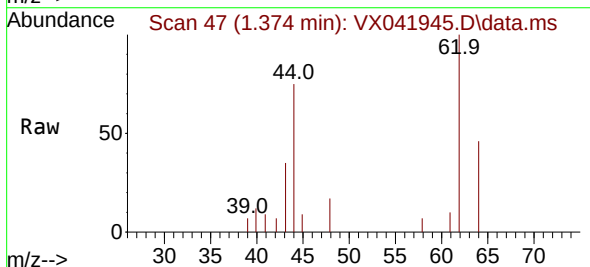
Acq: 19 Jun 2024 14:26

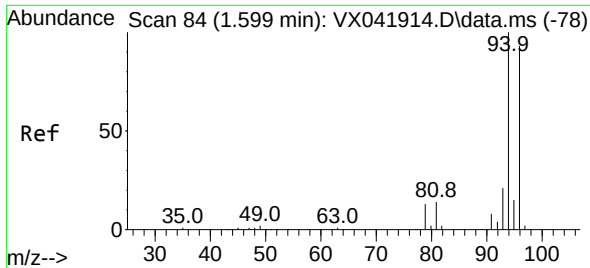
Tgt Ion: 62 Resp: 1412

Ion Ratio Lower Upper

62 100

64 25.9 25.4 38.0





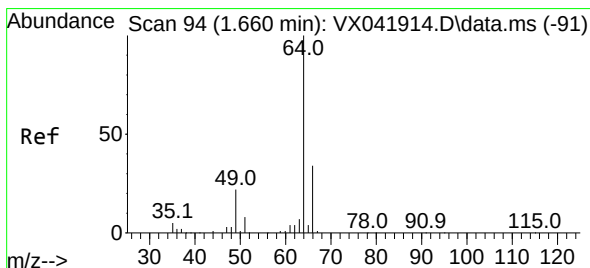
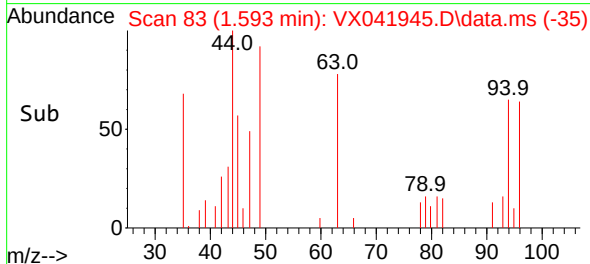
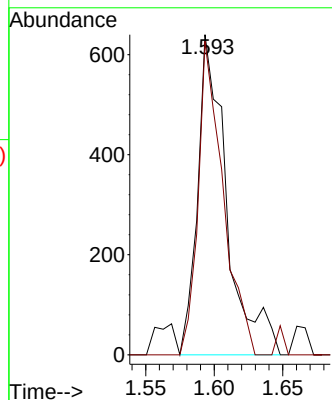
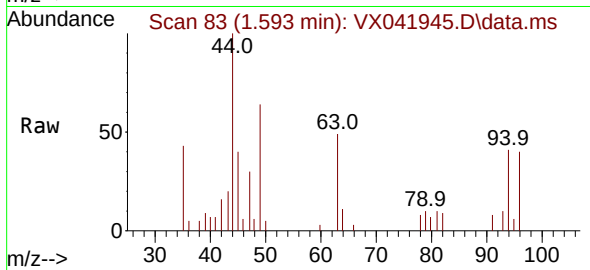
#5
Bromomethane
Concen: 1.154 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

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ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 98.0 74.6 111.8

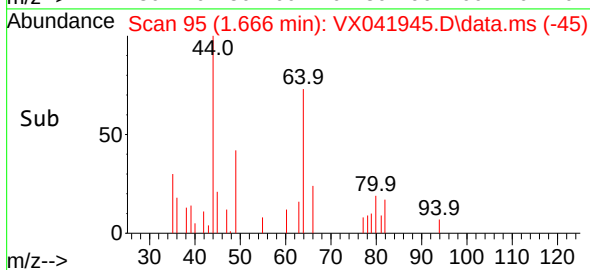
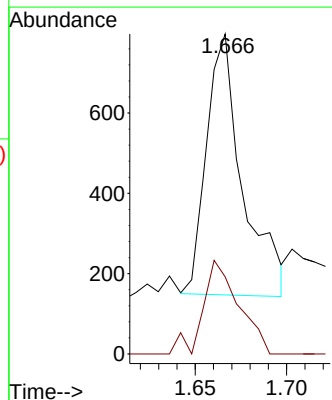
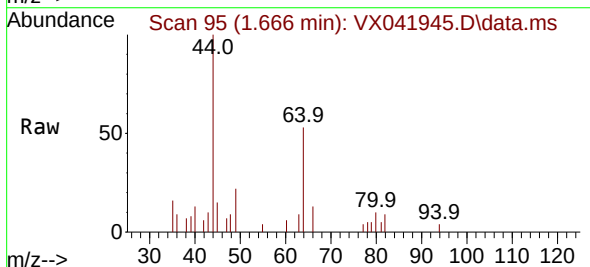
Manual Integrations
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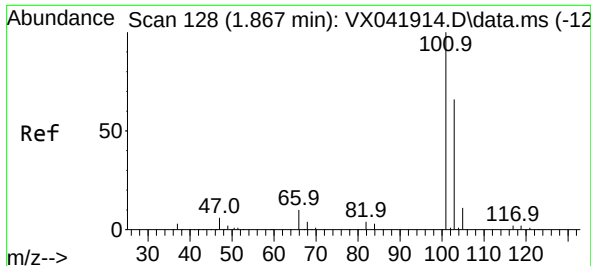
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#6
Chloroethane
Concen: 1.066 ug/l m
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

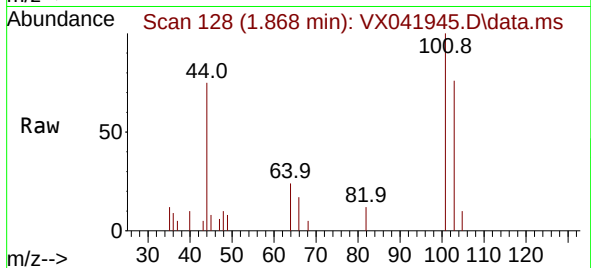
Tgt Ion: 64 Resp: 892
Ion Ratio Lower Upper
64 100
66 24.1 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 0.855 ug/l
RT: 1.868 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

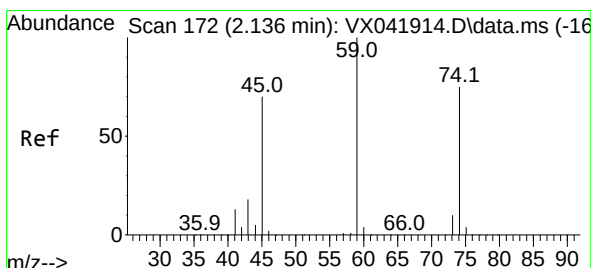
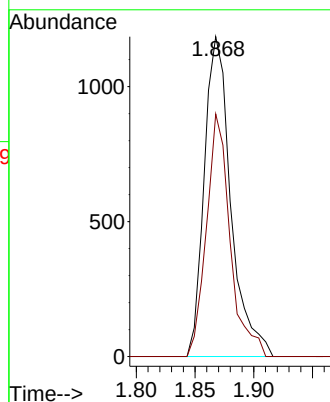
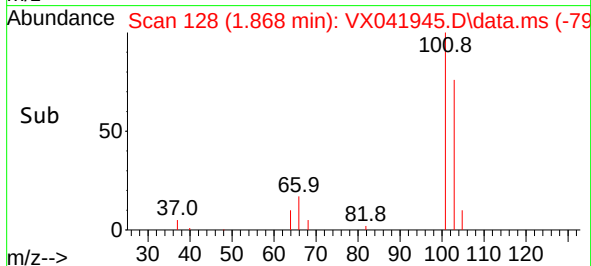
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:101 Resp: 1862
Ion Ratio Lower Upper
101 100
103 75.9 51.4 77.2

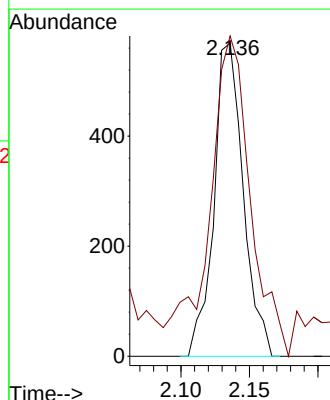
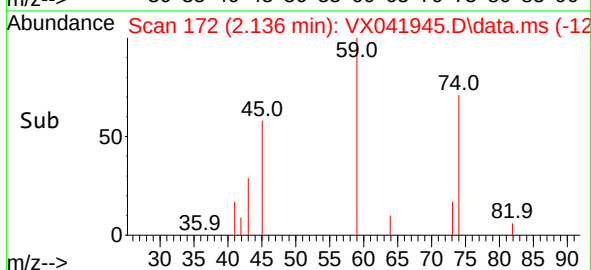
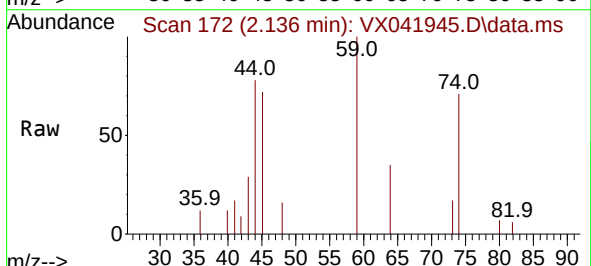
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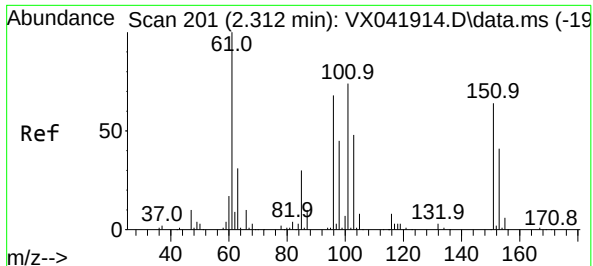
Reviewed By :John Carlone 06/20/2024
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#8
Diethyl Ether
Concen: 0.829 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041945.D
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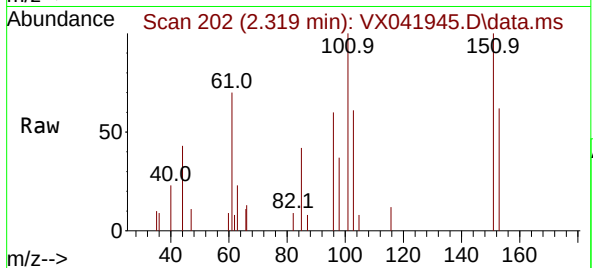
Tgt Ion: 74 Resp: 847
Ion Ratio Lower Upper
74 100
45 143.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.833 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

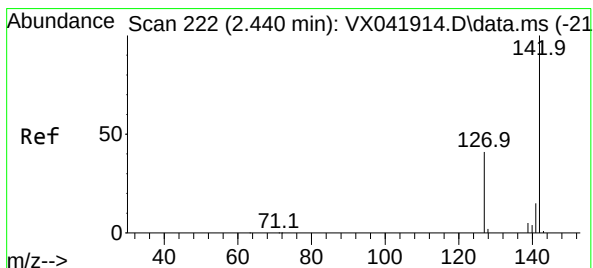
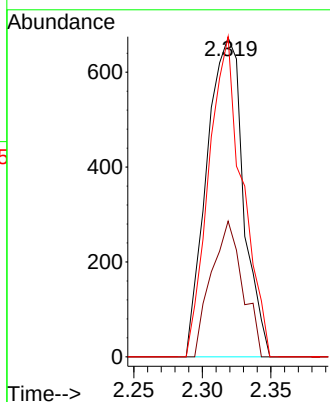
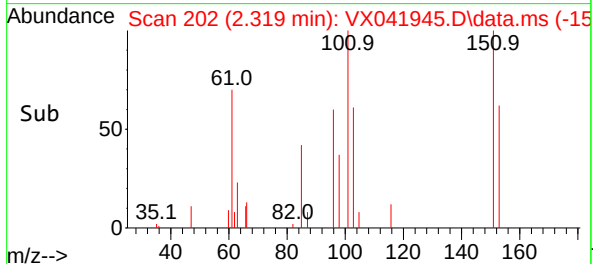
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:101 Resp: 1250
Ion Ratio Lower Upper
101 100
85 36.6 37.0 55.6
151 92.4 58.6 87.8

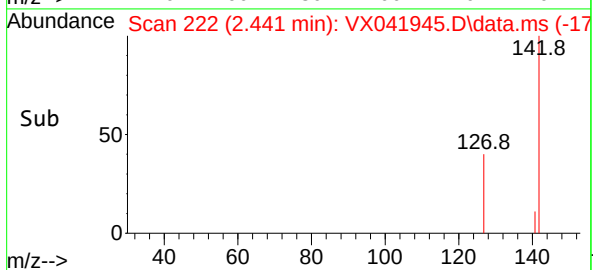
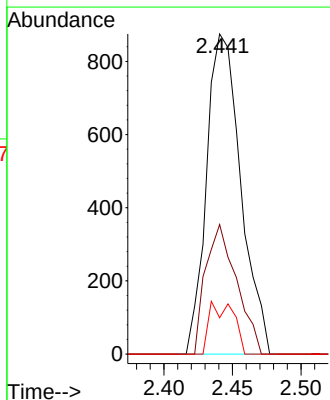
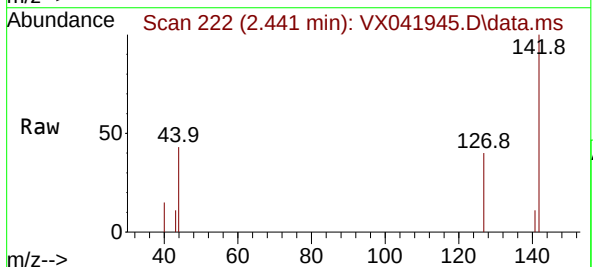
Manual Integrations
APPROVED

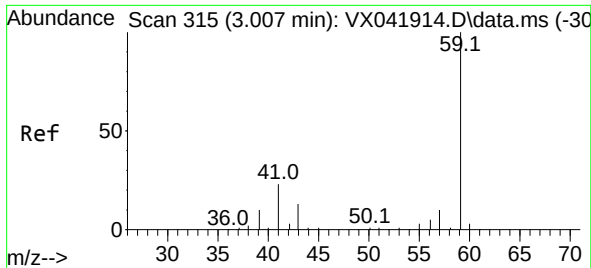
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#10
Methyl Iodide
Concen: 0.818 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

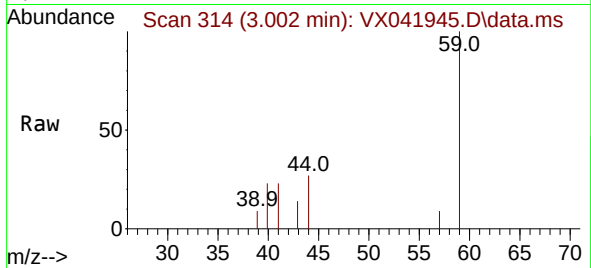
Tgt Ion:142 Resp: 1525
Ion Ratio Lower Upper
142 100
127 36.5 41.6 62.4#
141 11.5 11.6 17.4#





#11
Tert butyl alcohol
Concen: 3.948 ug/l
RT: 3.002 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

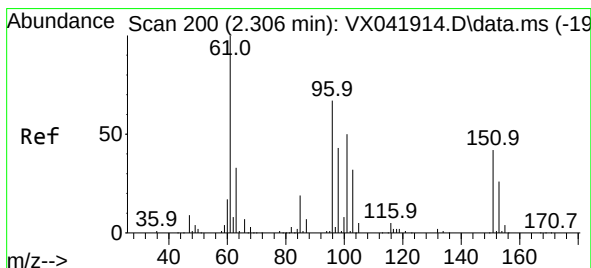
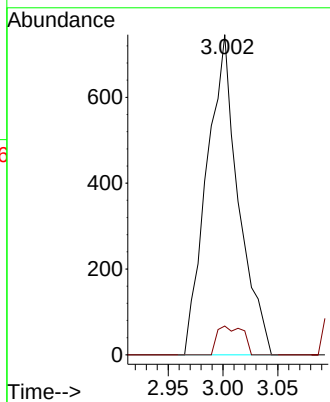
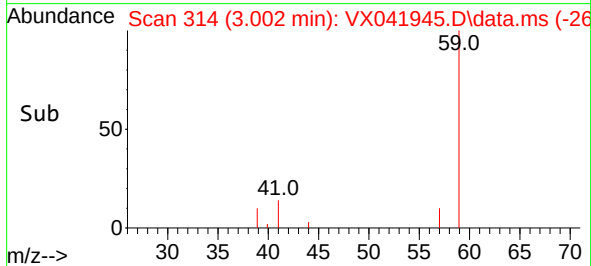
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 59 Resp: 1499
Ion Ratio Lower Upper
59 100
57 7.3 6.0 9.0

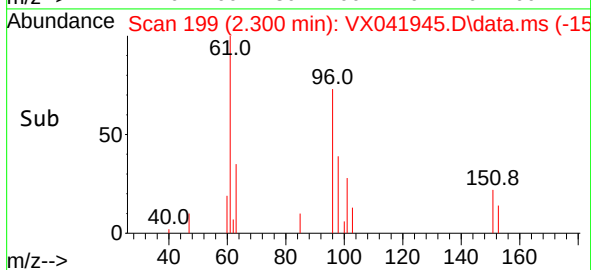
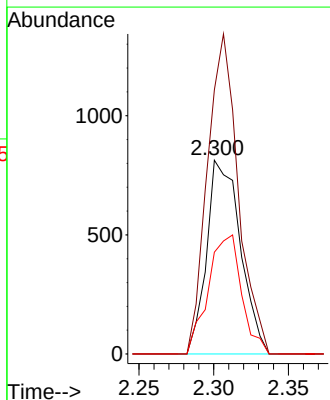
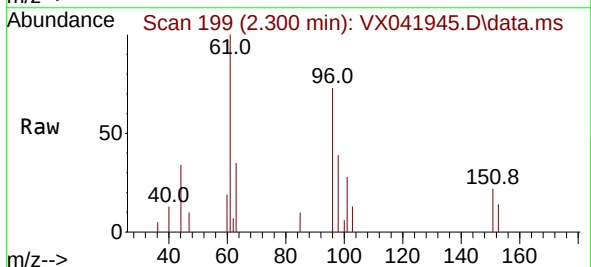
Manual Integrations
APPROVED

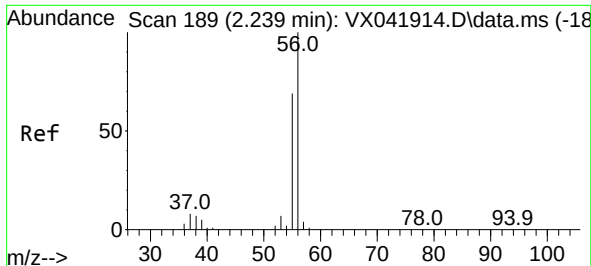
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#12
1,1-Dichloroethene
Concen: 0.849 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 96 Resp: 1271
Ion Ratio Lower Upper
96 100
61 136.3 144.6 216.8#
98 52.5 50.4 75.6





#13

Acrolein

Concen: 3.397 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

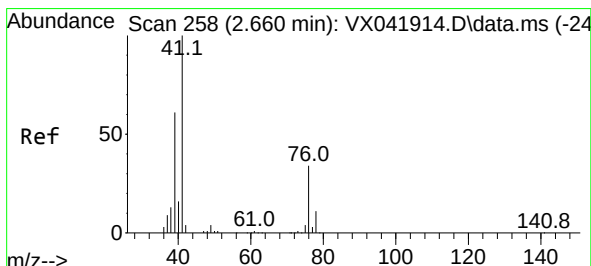
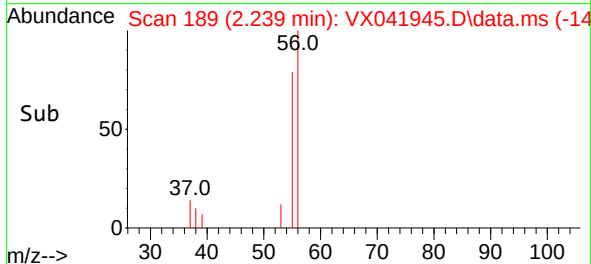
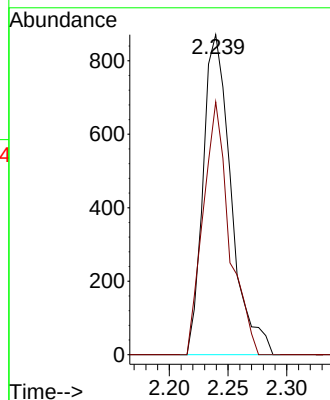
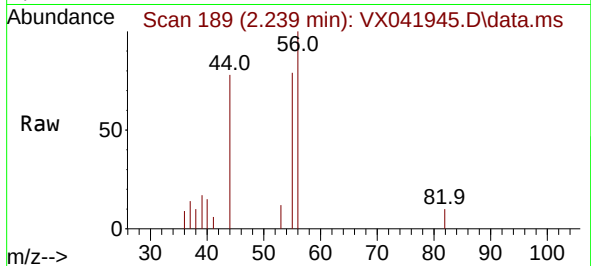
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 56 Resp: 1440
 Ion Ratio Lower Upper
 56 100
 55 73.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#14

Allyl chloride

Concen: 0.838 ug/l

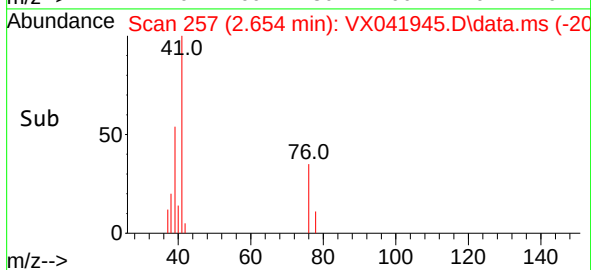
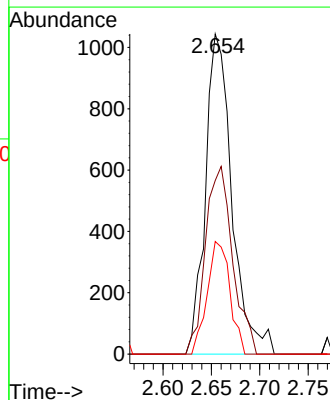
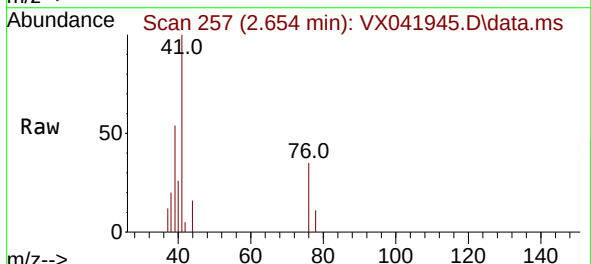
RT: 2.654 min Scan# 257

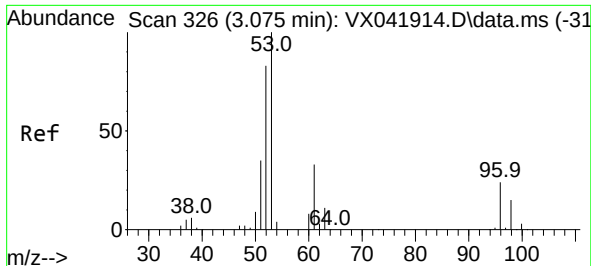
Delta R.T. -0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion: 41 Resp: 1989
 Ion Ratio Lower Upper
 41 100
 39 60.3 55.8 83.6
 76 30.1 24.3 36.5





#15

Acrylonitrile

Concen: 3.820 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041945.D

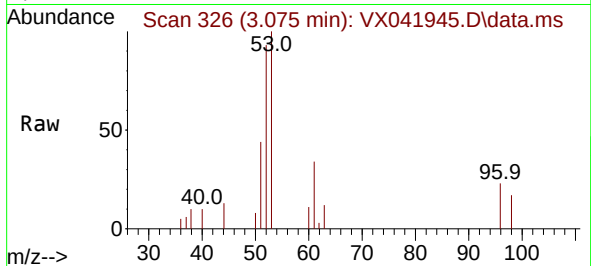
Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



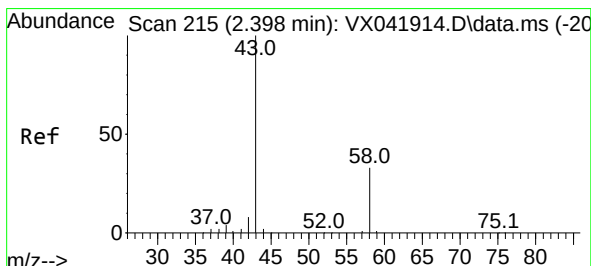
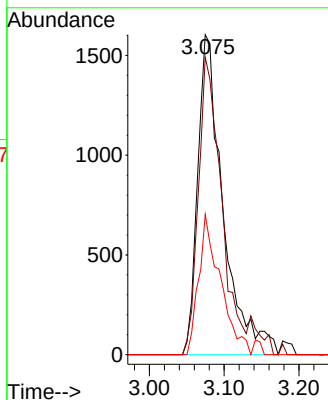
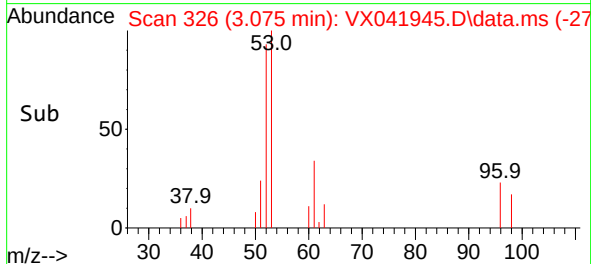
Tgt Ion:	53	Resp:	3789
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.0	99.0
51	37.7	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#16

Acetone

Concen: 4.624 ug/l

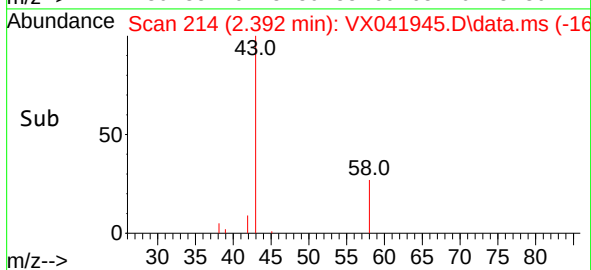
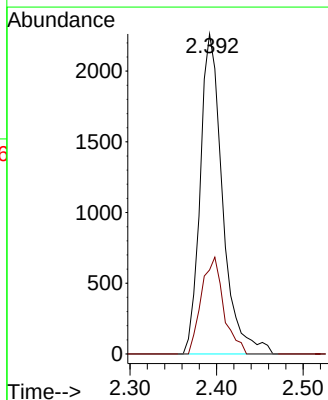
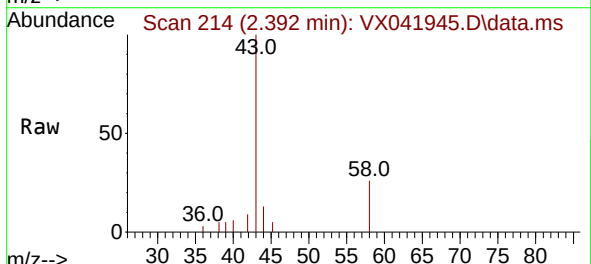
RT: 2.392 min Scan# 214

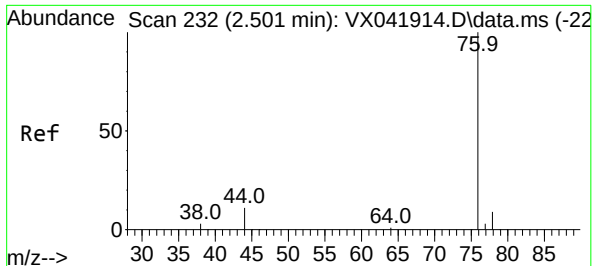
Delta R.T. -0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:	43	Resp:	4062
Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.9	32.9





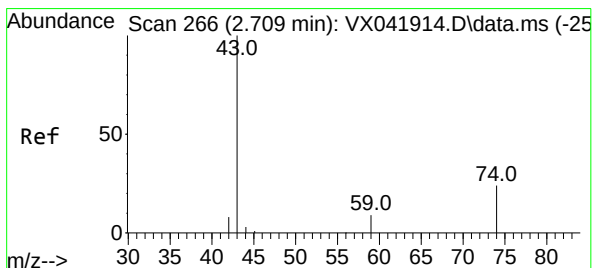
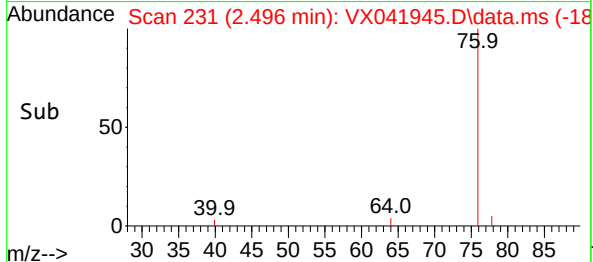
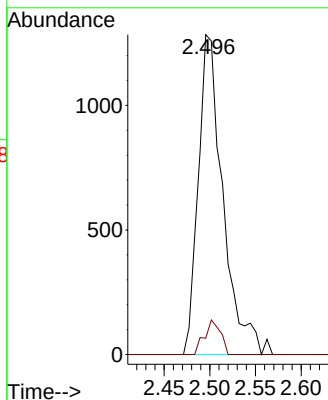
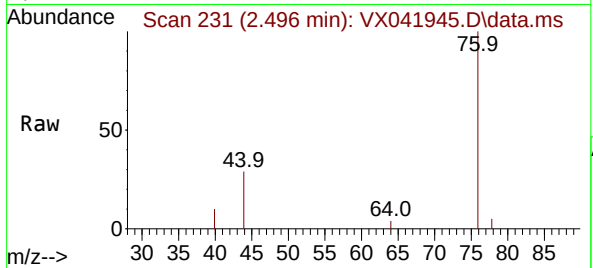
#17
Carbon Disulfide
Concen: 0.791 ug/l
RT: 2.496 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 76 Resp: 2415
Ion Ratio Lower Upper
76 100
78 5.1 7.0 10.6

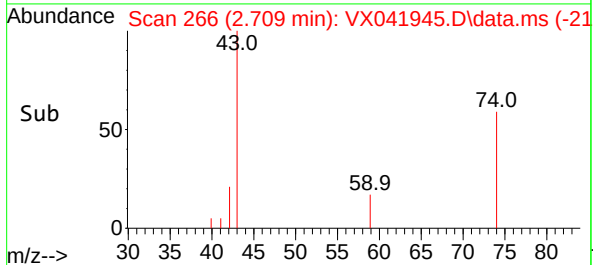
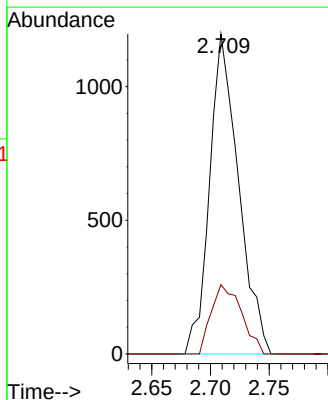
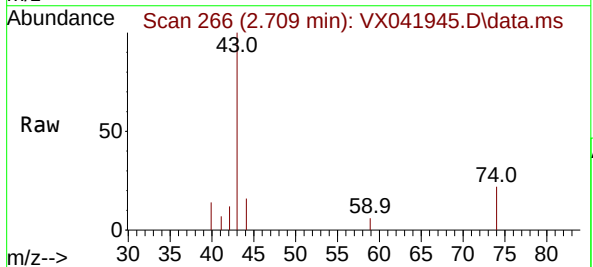
Manual Integrations
APPROVED

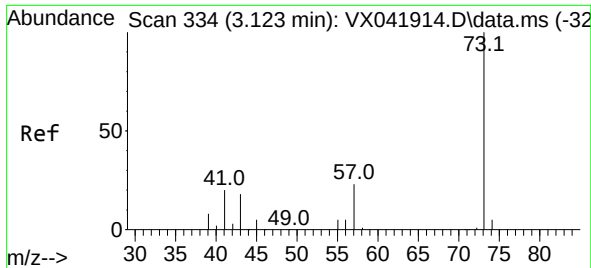
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#18
Methyl Acetate
Concen: 0.855 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

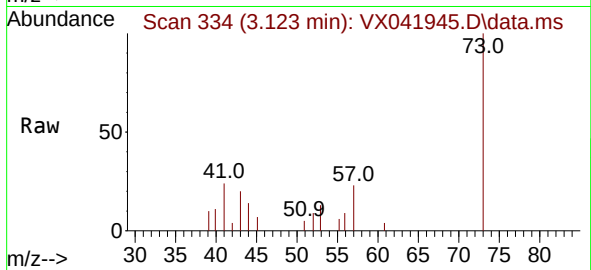
Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.801 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

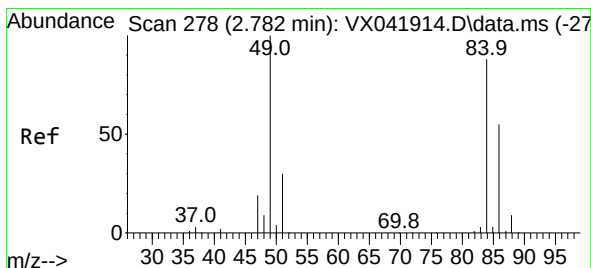
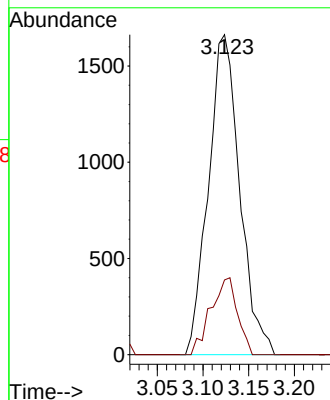
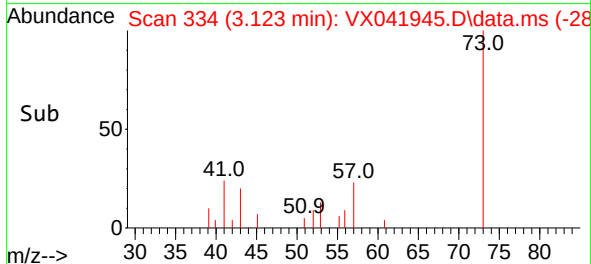
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 73 Resp: 396
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

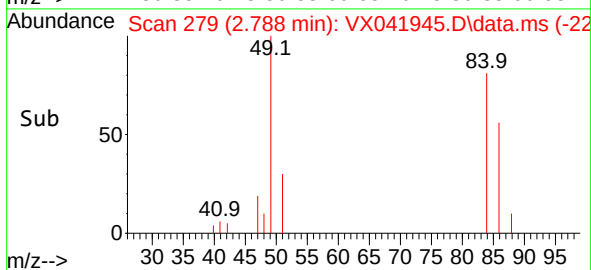
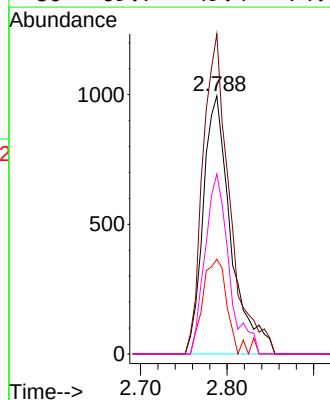
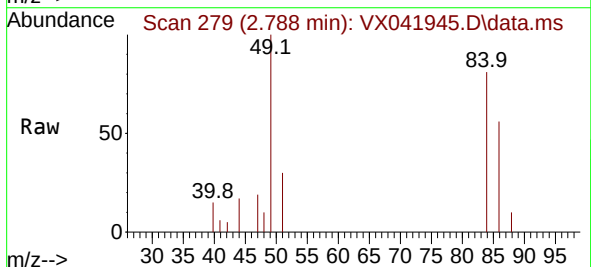
Manual Integrations
APPROVED

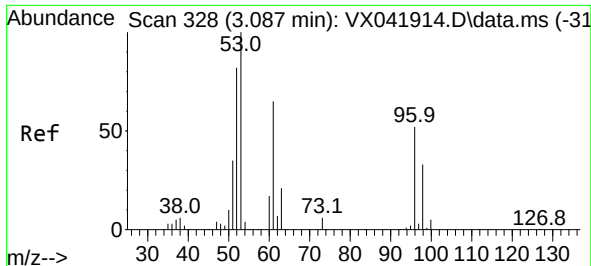
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 1.146 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

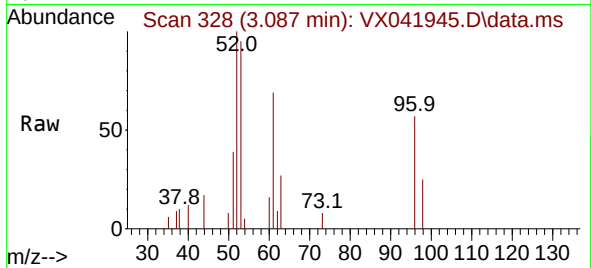
Tgt Ion: 84 Resp: 2205
Ion Ratio Lower Upper
84 100
49 124.0 103.6 155.4
51 36.7 33.8 50.6
86 69.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.838 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

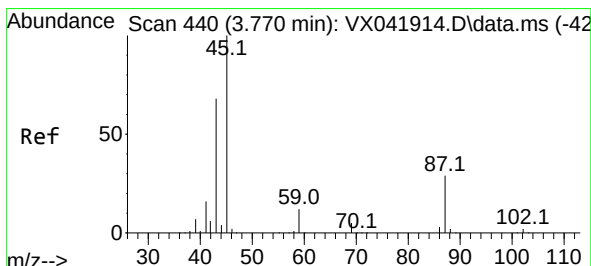
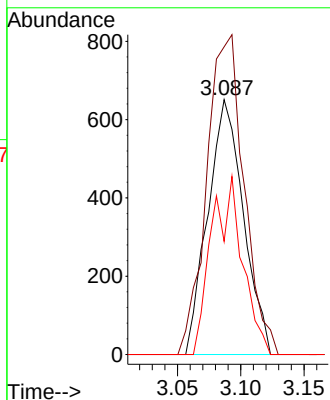
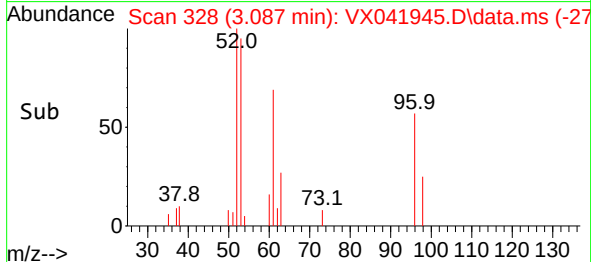
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



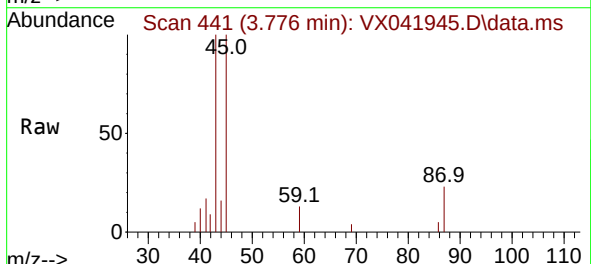
Tgt Ion: 96 Resp: 127
Ion Ratio Lower Upper
96 100
61 120.7 119.2 178.8
98 44.4 48.7 73.1

Manual Integrations
APPROVED

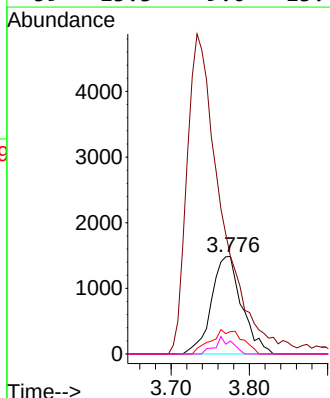
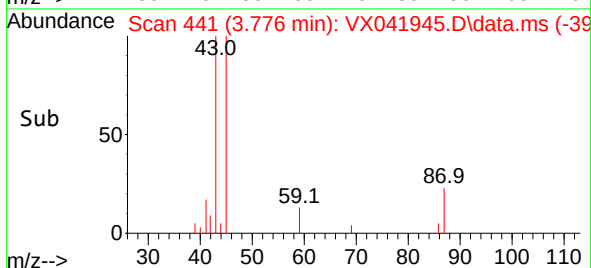
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

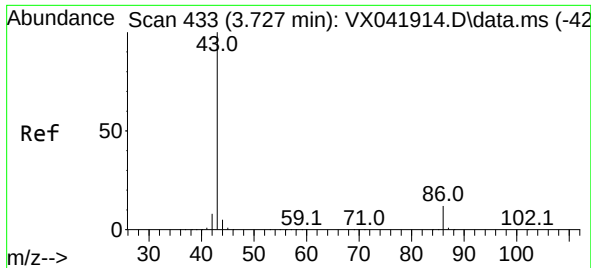


#22
Diisopropyl ether
Concen: 0.798 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26



Tgt Ion: 45 Resp: 4004
Ion Ratio Lower Upper
45 100
43 90.0 69.7 104.5
87 23.0 20.8 31.2
59 13.3 9.0 13.4





#23

Vinyl Acetate

Concen: 3.486 ug/l

RT: 3.733 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 14936

Ion Ratio Lower Upper

43 100

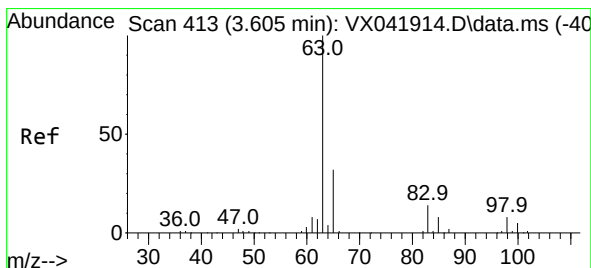
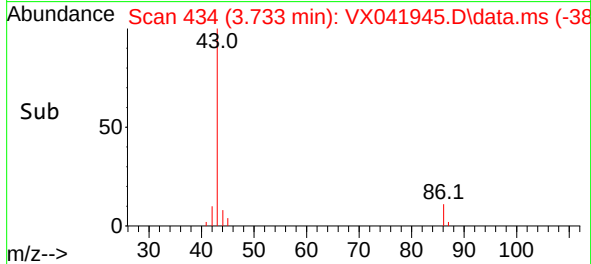
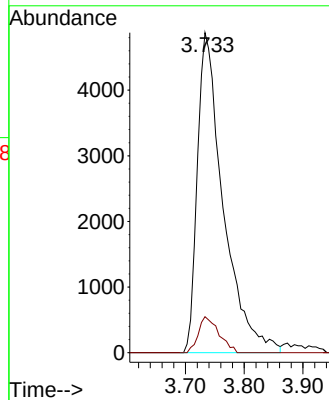
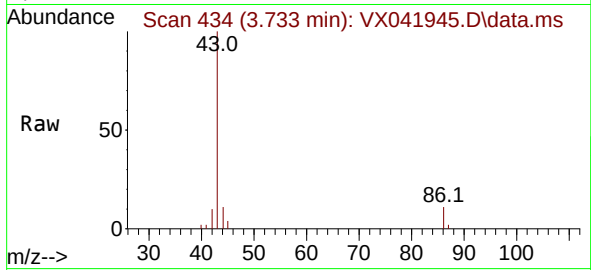
86 11.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#24

1,1-Dichloroethane

Concen: 0.813 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

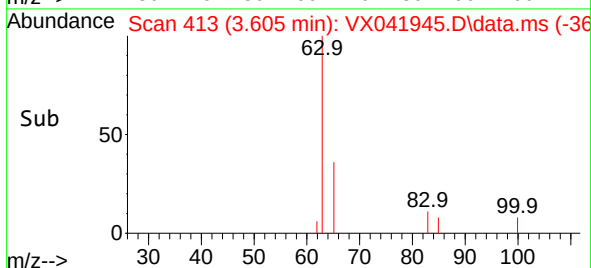
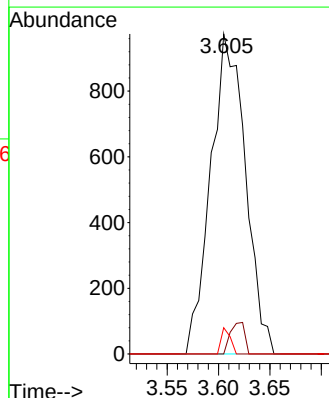
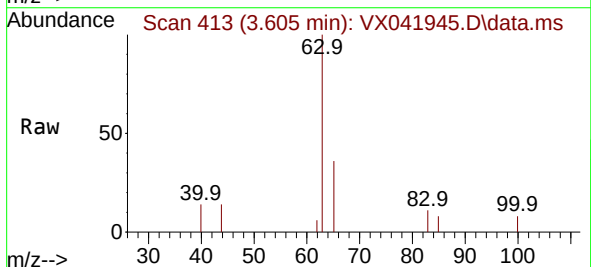
Tgt Ion: 63 Resp: 2284

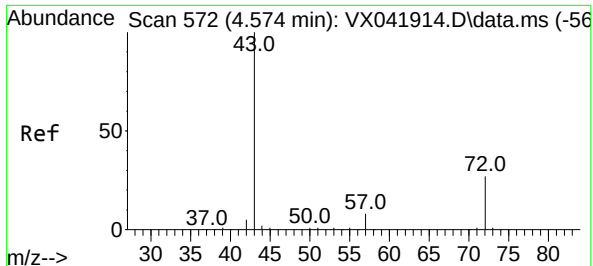
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 8.2 2.1 6.5#





#25

2-Butanone

Concen: 3.801 ug/l

RT: 4.605 min Scan# 519

Delta R.T. 0.031 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

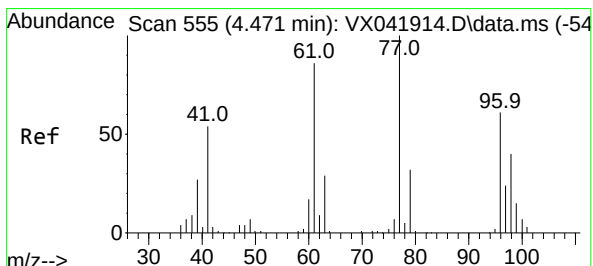
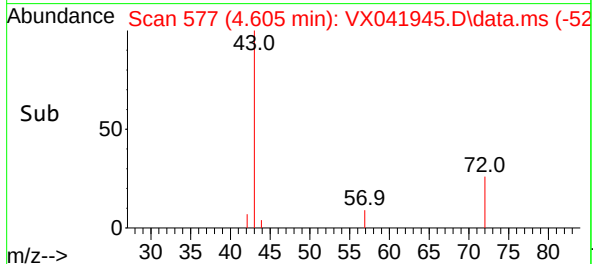
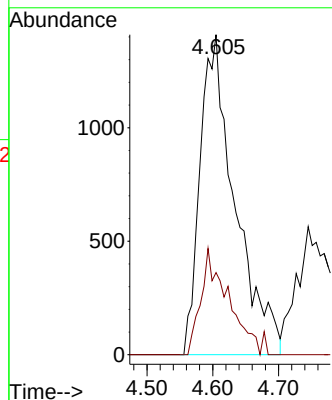
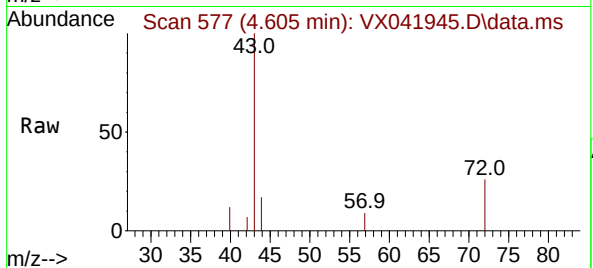
Tgt Ion: 43 Resp: 519
 Ion Ratio Lower Upper
 43 100
 72 25.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#26

2,2-Dichloropropane

Concen: 0.718 ug/l

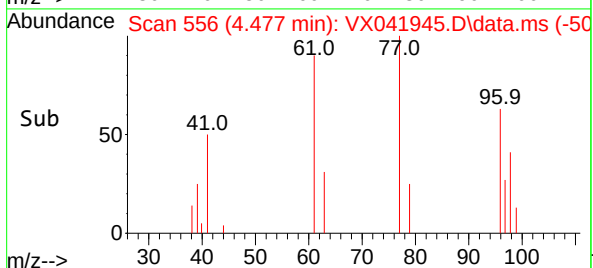
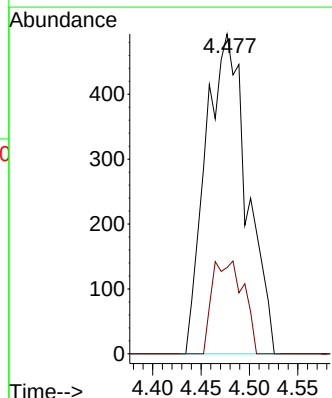
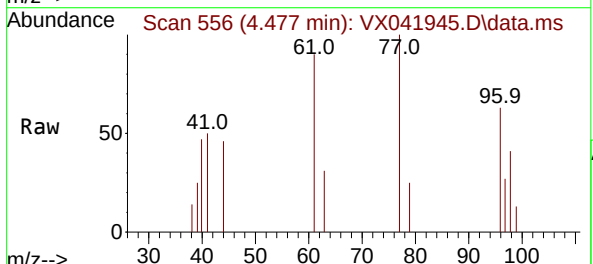
RT: 4.477 min Scan# 556

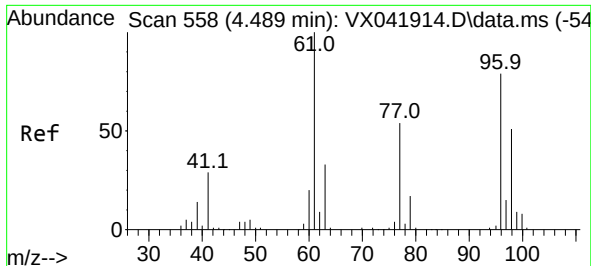
Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion: 77 Resp: 1460
 Ion Ratio Lower Upper
 77 100
 97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.804 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

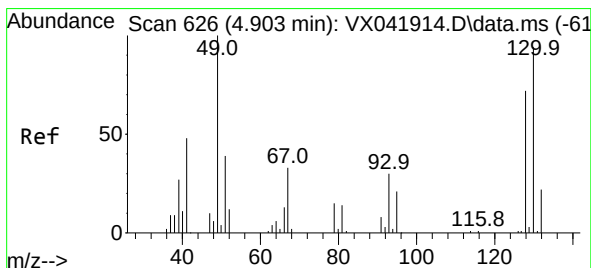
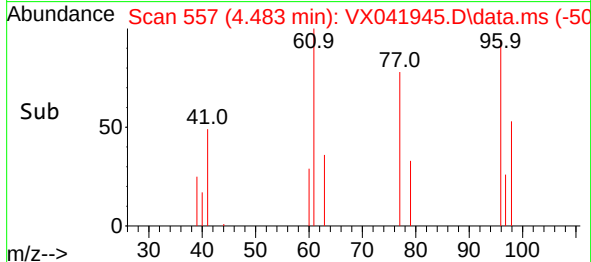
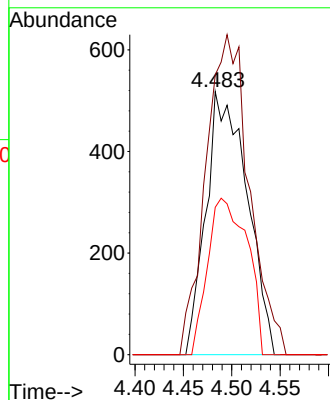
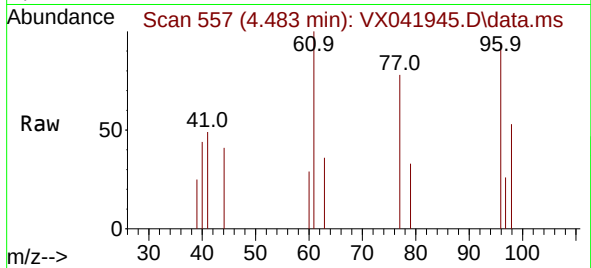
Tgt Ion: 96	Resp: 1529
Ion Ratio	Lower Upper
96 100	
61 128.3	0.0 312.2
98 57.4	0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#28

Bromochloromethane

Concen: 0.789 ug/l

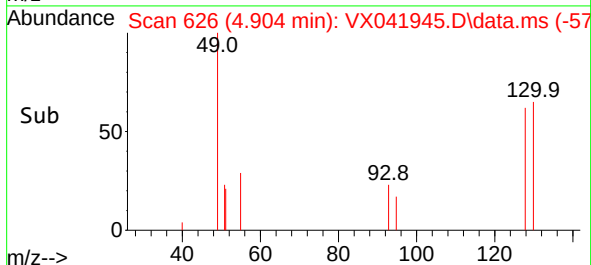
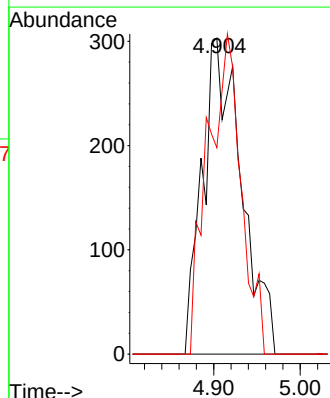
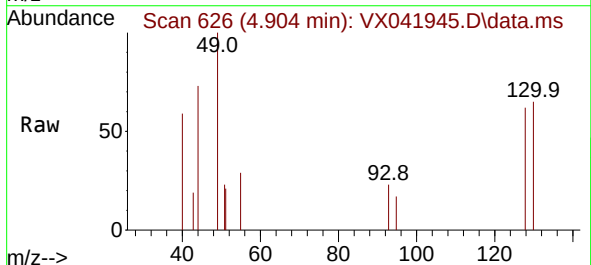
RT: 4.904 min Scan# 626

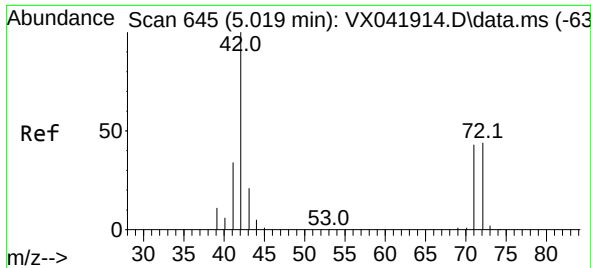
Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion: 49	Resp: 949
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 86.5	57.5 86.3





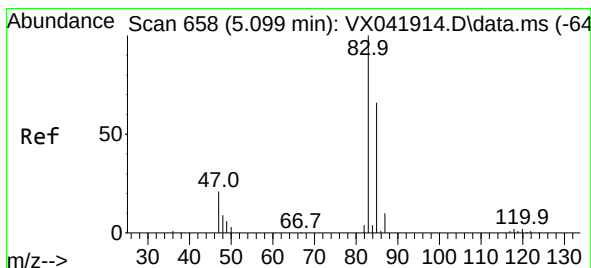
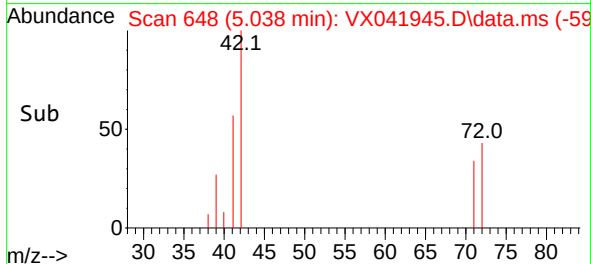
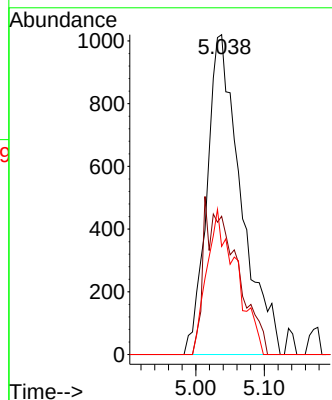
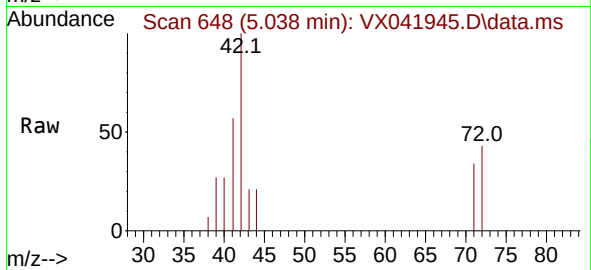
#29
Tetrahydrofuran
Concen: 3.989 ug/l
RT: 5.038 min Scan# 645
Delta R.T. 0.018 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 42 Resp: 352
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4
71 39.7 32.2 48.2

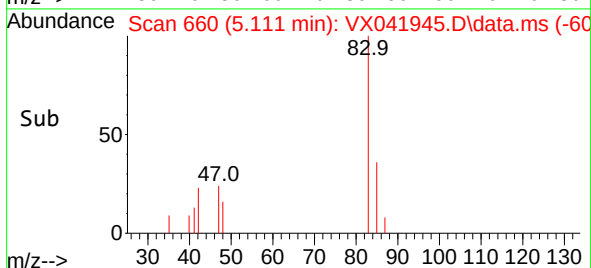
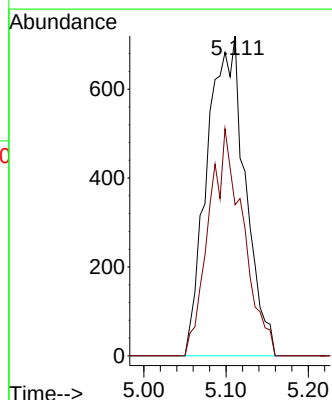
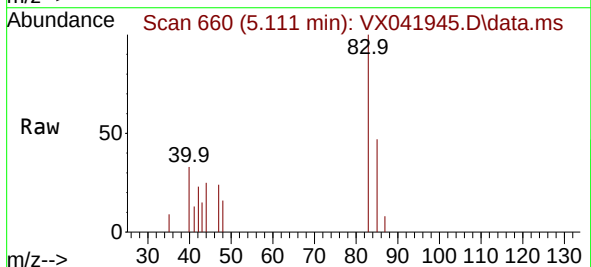
Manual Integrations
APPROVED

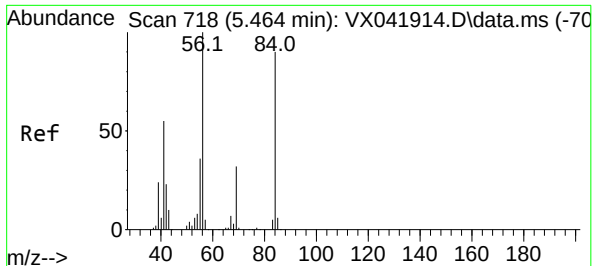
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#30
Chloroform
Concen: 0.789 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

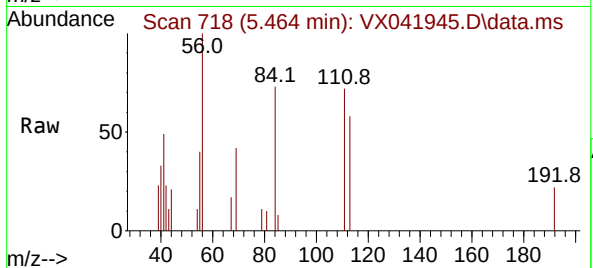
Tgt Ion: 83 Resp: 2310
Ion Ratio Lower Upper
83 100
85 47.2 50.3 75.5





#31
Cyclohexane
Concen: 0.798 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

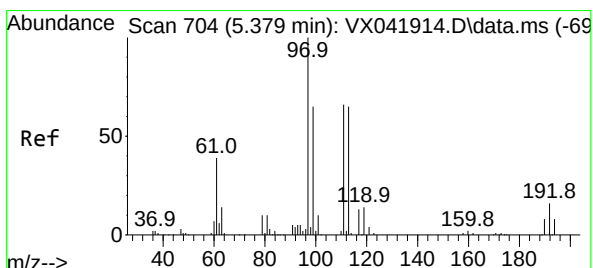
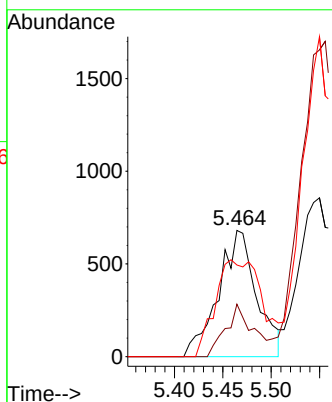
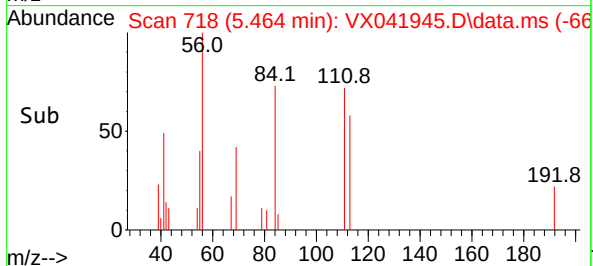
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 56 Resp: 1868
Ion Ratio Lower Upper
56 100
69 41.6 23.4 35.2
84 72.5 65.9 98.9

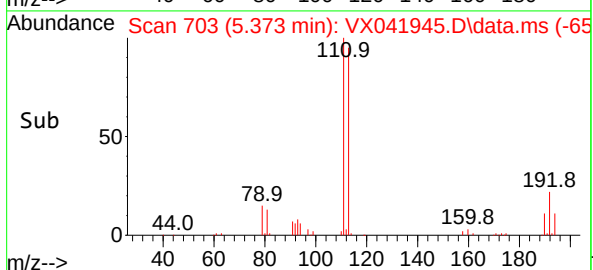
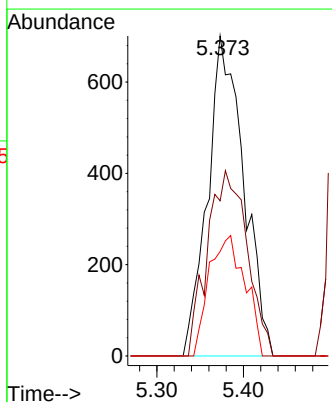
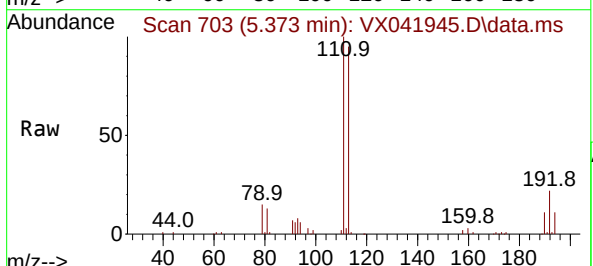
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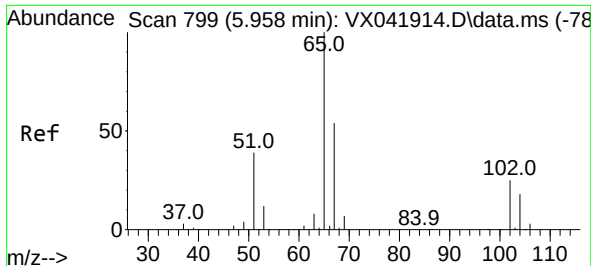
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#32
1,1,1-Trichloroethane
Concen: 0.828 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 97 Resp: 2026
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 37.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.235 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 92504

Ion Ratio Lower Upper

65 100

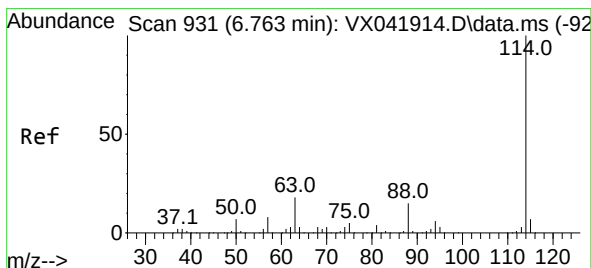
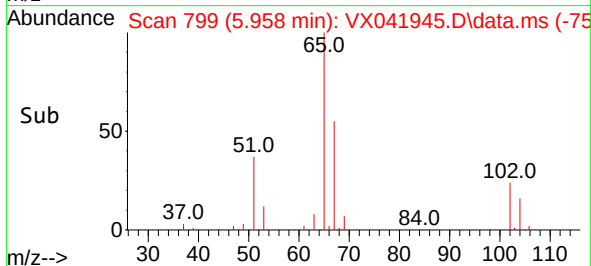
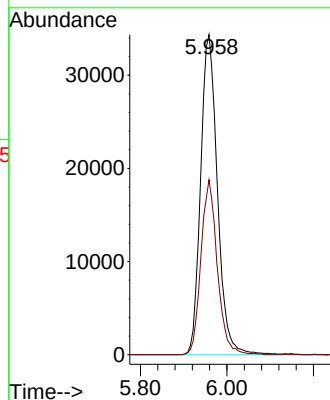
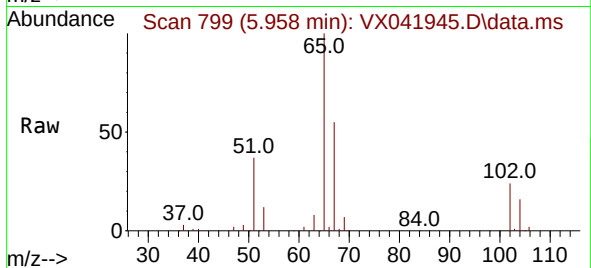
67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

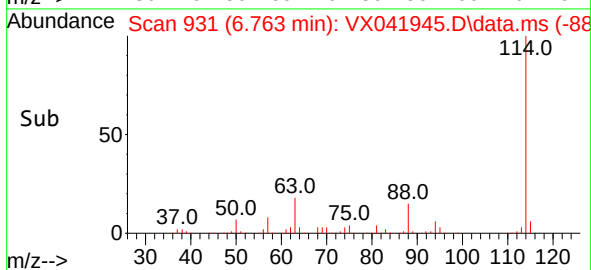
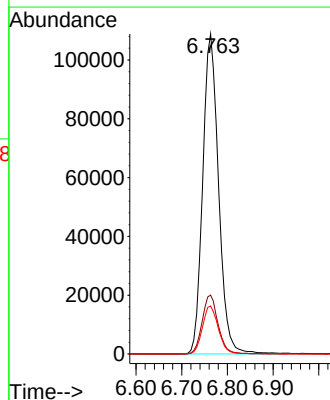
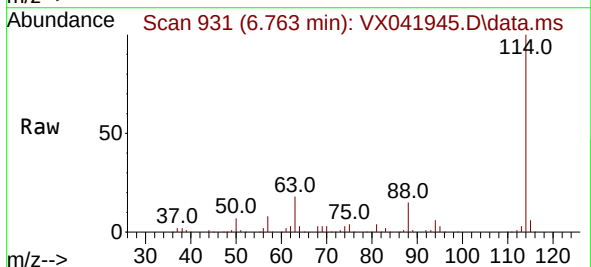
Tgt Ion:114 Resp: 262259

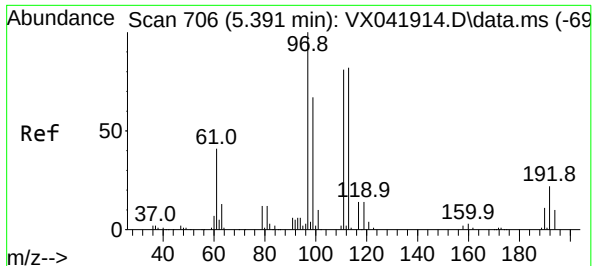
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.064 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

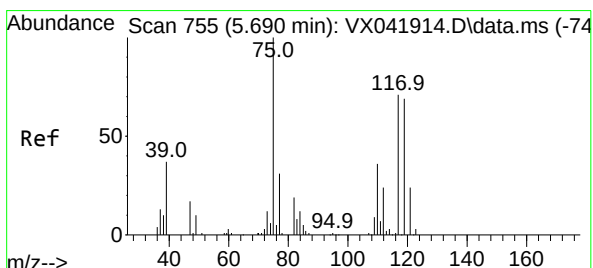
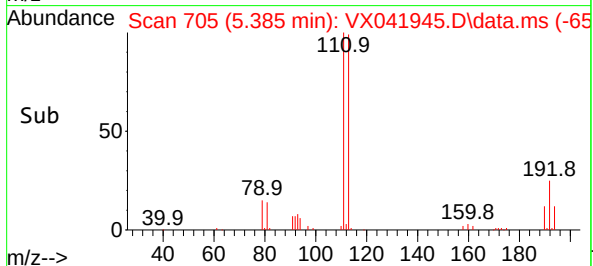
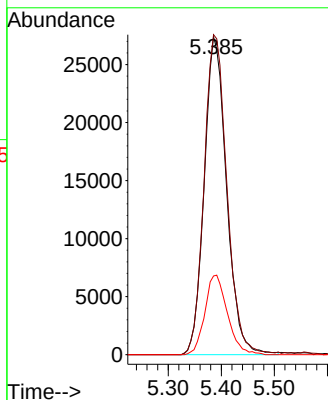
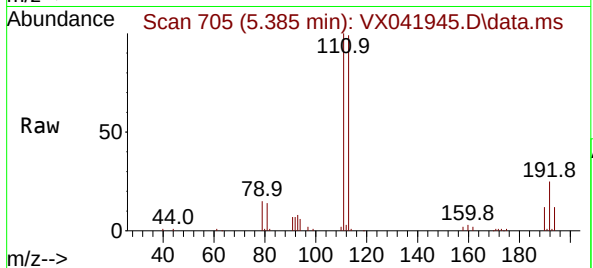
Tgt Ion:	113	Resp:	80130
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	25.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#36

1,1-Dichloropropene

Concen: 0.780 ug/l

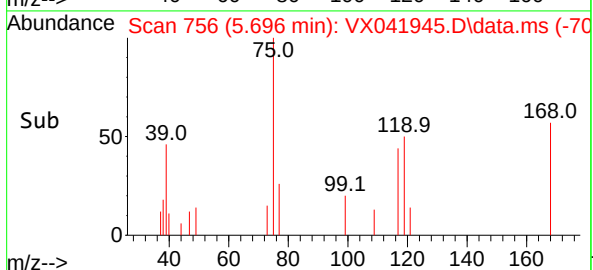
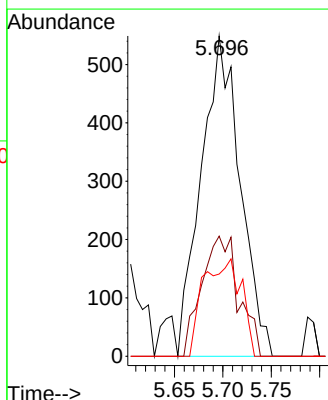
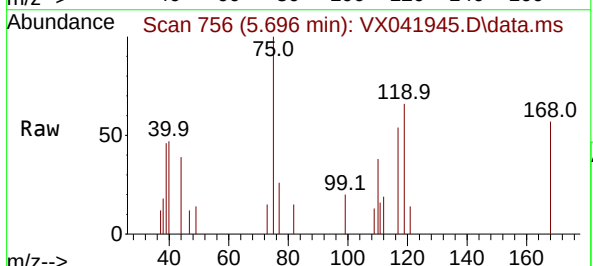
RT: 5.696 min Scan# 756

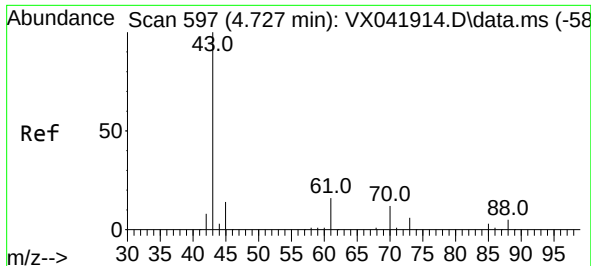
Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:	75	Resp:	1542
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	29.4	24.7	37.1





#37

Ethyl Acetate

Concen: 0.636 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.018 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

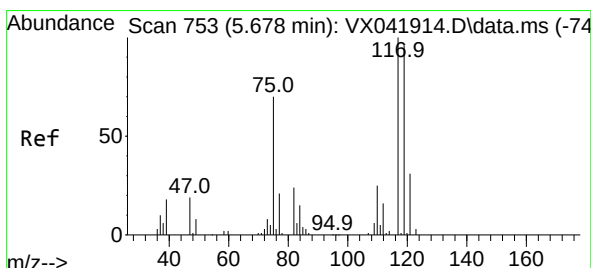
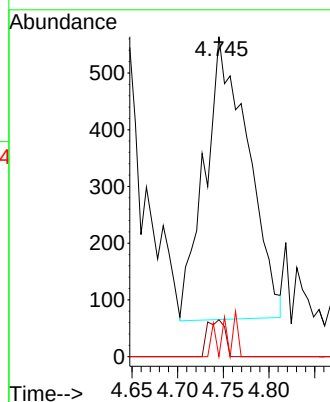
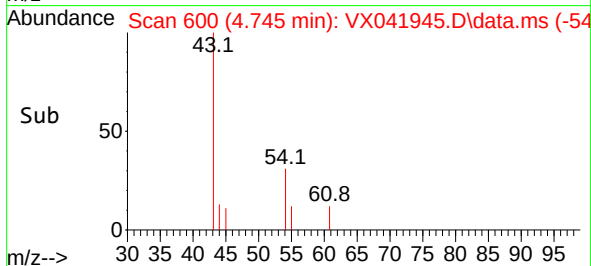
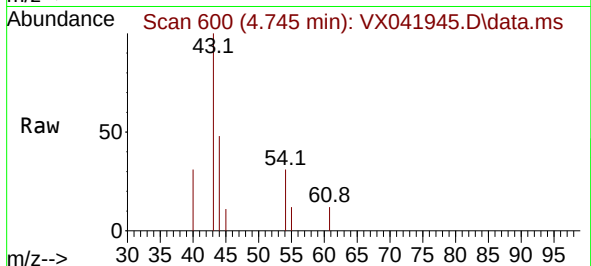
Tgt Ion: 43	Resp: 163
Ion Ratio	Lower Upper
43 100	
61 5.3	10.6 16.0
70 1.3	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#38

Carbon Tetrachloride

Concen: 0.773 ug/l

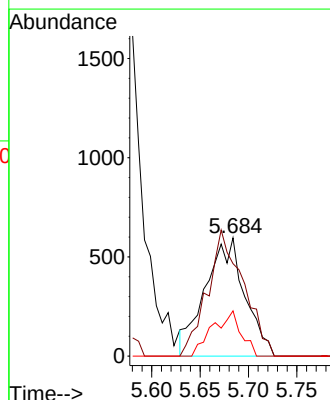
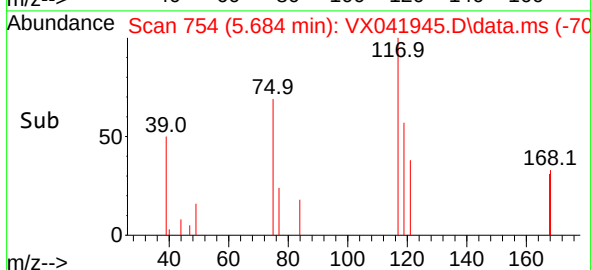
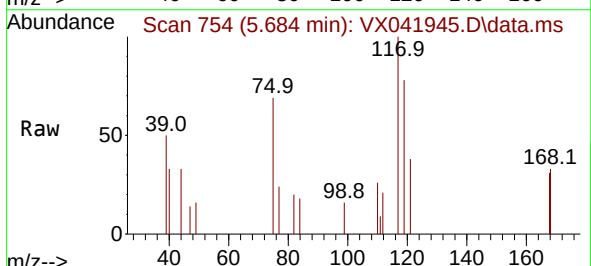
RT: 5.684 min Scan# 754

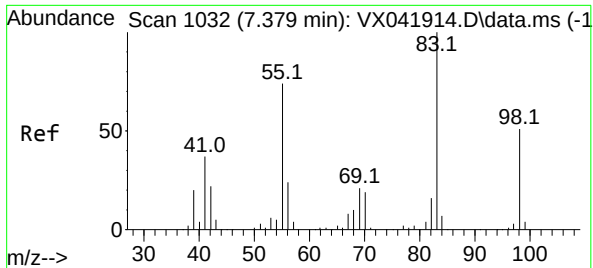
Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion: 117	Resp: 1688
Ion Ratio	Lower Upper
117 100	
119 78.2	78.2 117.2
121 38.3	24.4 36.6





#39

Methylcyclohexane

Concen: 0.801 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 200

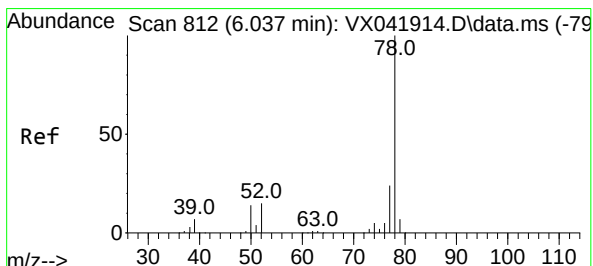
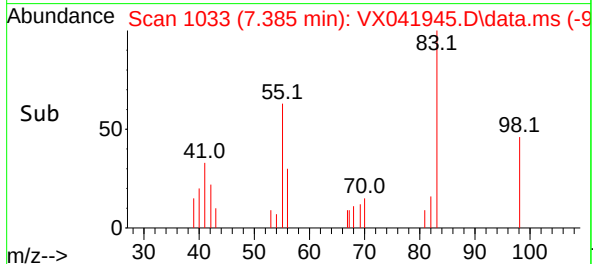
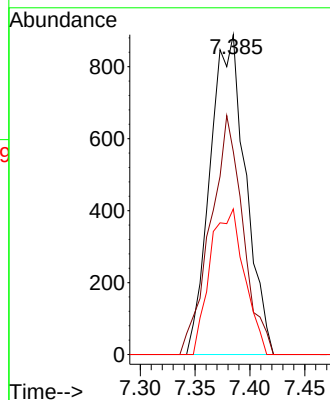
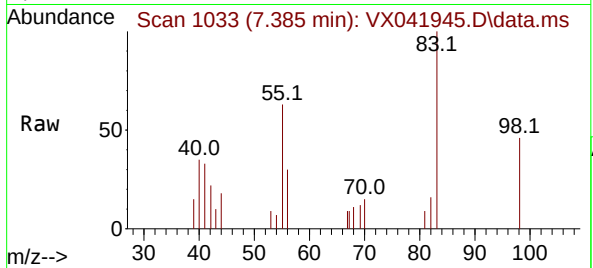
Ion	Ratio	Lower	Upper
83	100		
55	63.4	64.6	97.0
98	45.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#40

Benzene

Concen: 0.776 ug/l

RT: 6.038 min Scan# 812

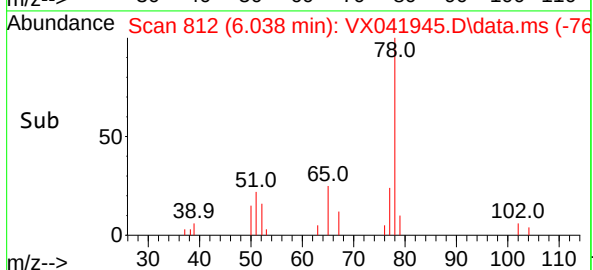
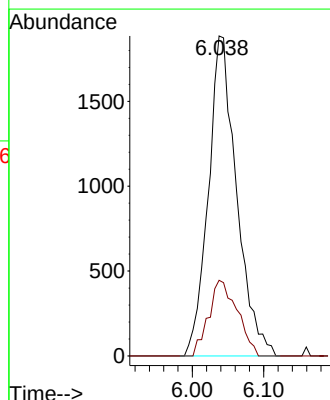
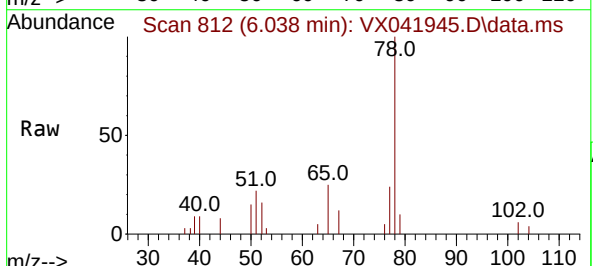
Delta R.T. 0.000 min

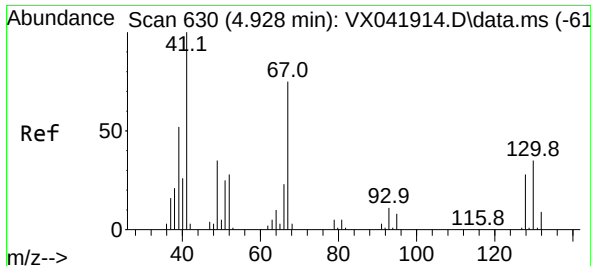
Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion: 78 Resp: 5172

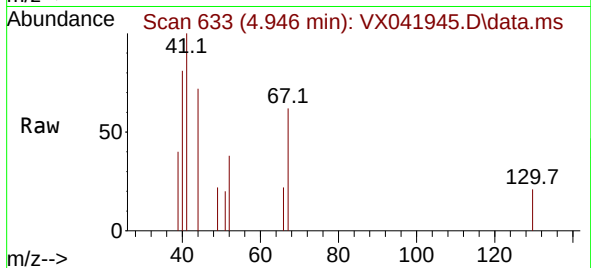
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41
Methacrylonitrile
Concen: 0.517 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

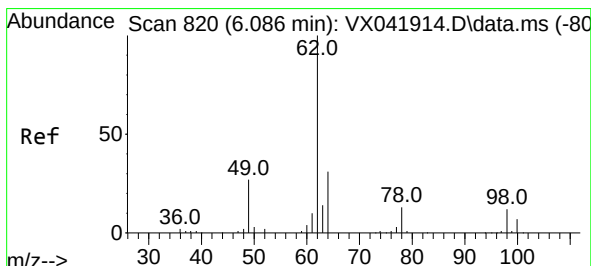
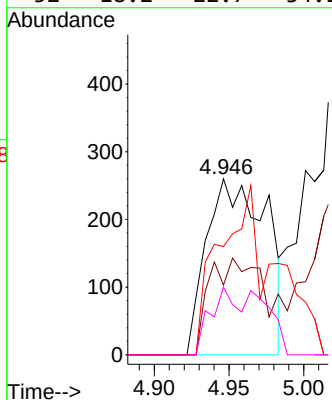
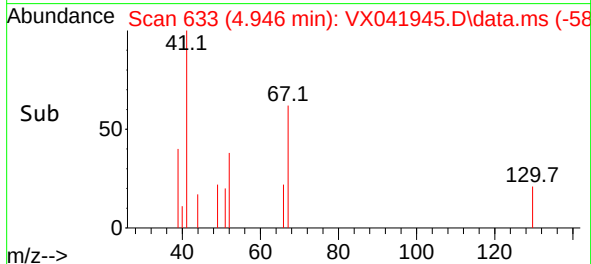
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	41	Resp:	72
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.2	67.8
67	0.0	52.6	78.8
52	18.2	22.7	34.1

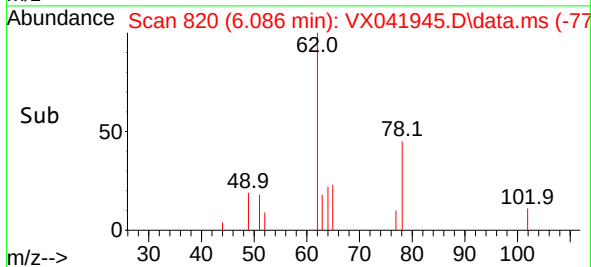
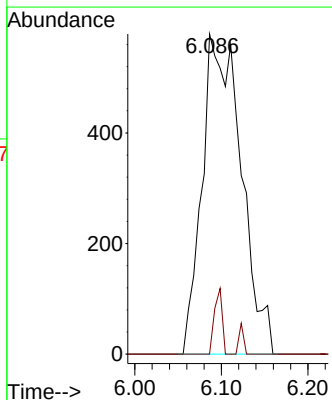
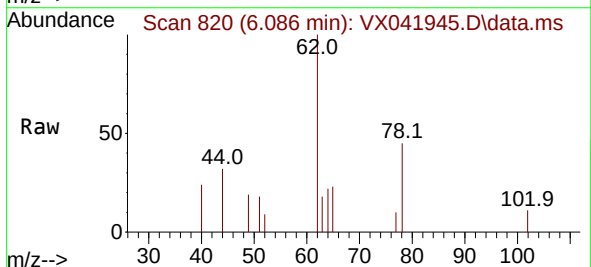
Manual Integrations
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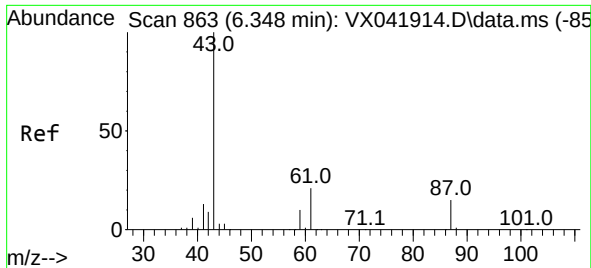
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 0.841 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

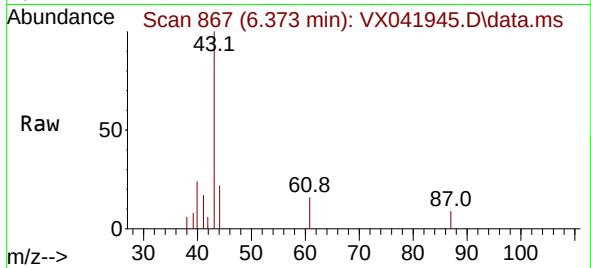
Tgt Ion:	62	Resp:	1805
Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	16.0





#43
Isopropyl Acetate
Concen: 0.680 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.025 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

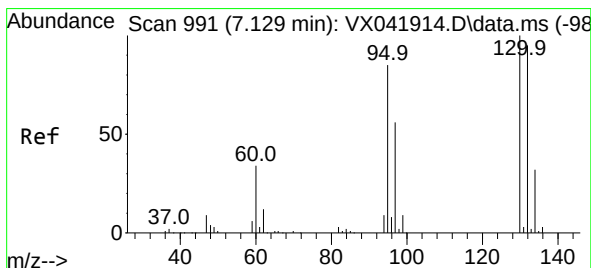
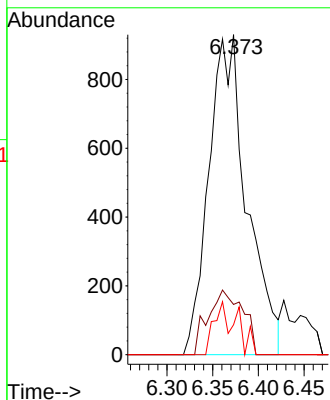
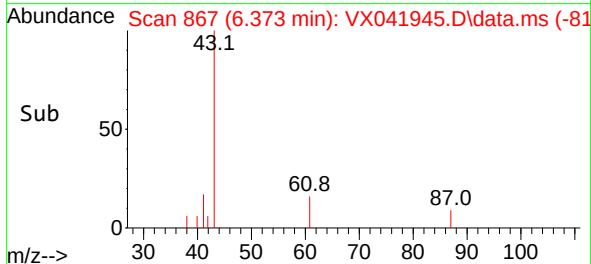
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 9.8 9.8 14.6

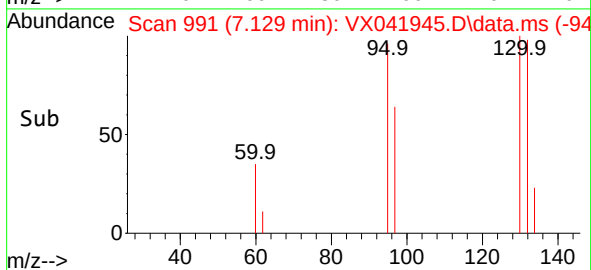
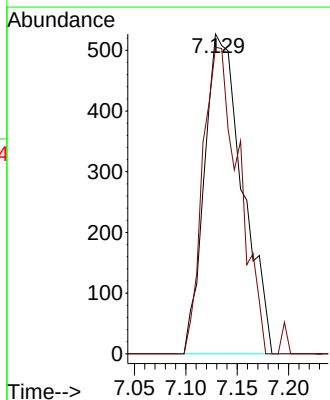
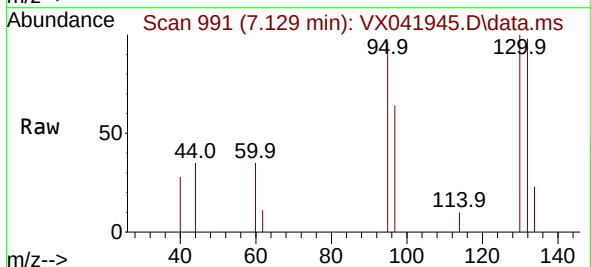
Manual Integrations
APPROVED

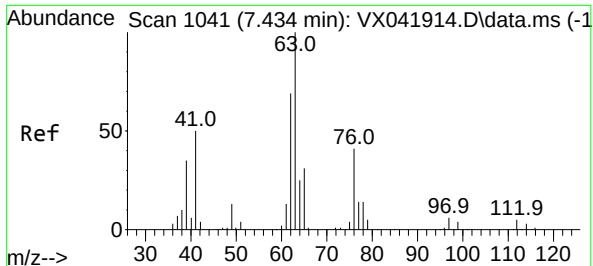
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#44
Trichloroethene
Concen: 0.759 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion:130 Resp: 1356
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.730 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

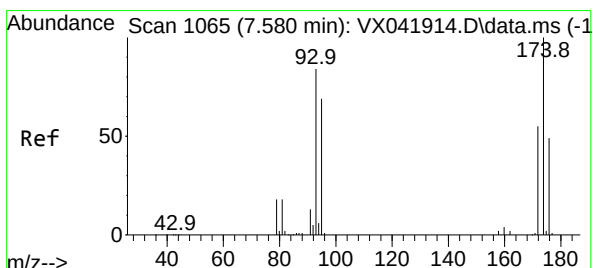
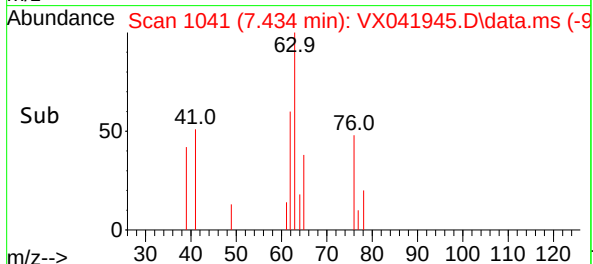
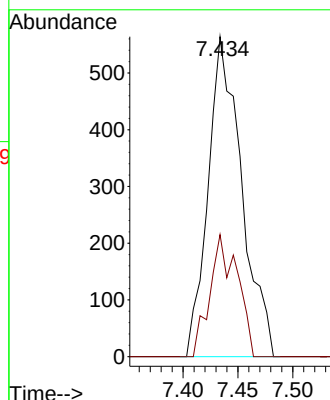
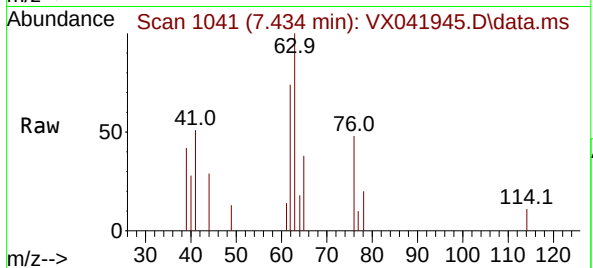
Tgt Ion: 63	Resp: 119
Ion Ratio	Lower Upper
63	100
65	38.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#46

Dibromomethane

Concen: 0.773 ug/l

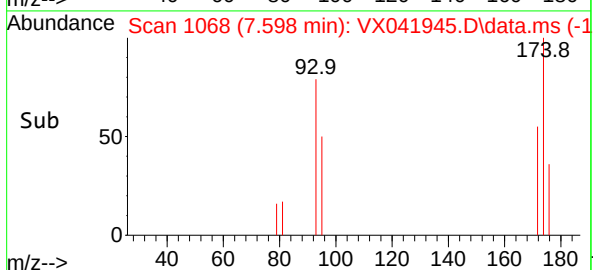
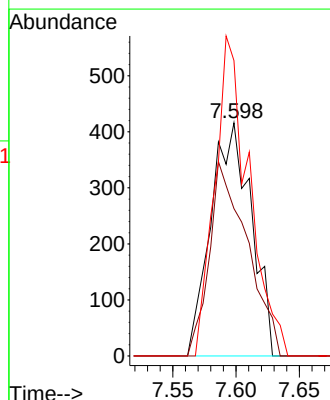
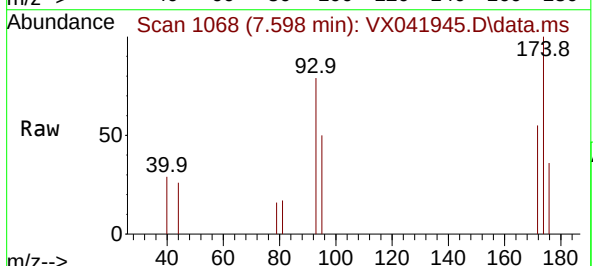
RT: 7.598 min Scan# 1068

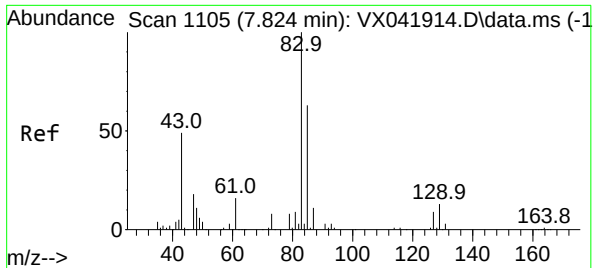
Delta R.T. 0.018 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

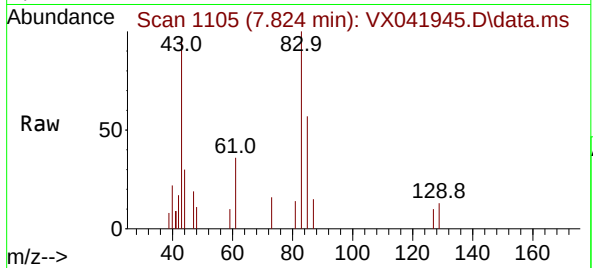
Tgt Ion: 93	Resp: 923
Ion Ratio	Lower Upper
93	100
95	78.3 66.6 100.0
174	115.7 69.4 104.0





#47
Bromodichloromethane
Concen: 0.672 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

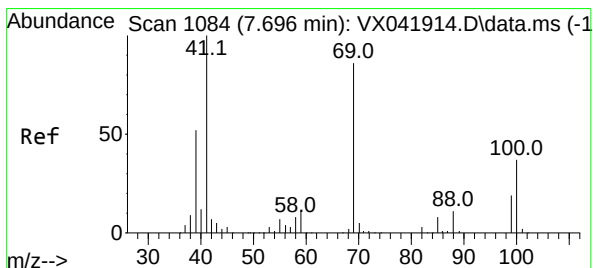
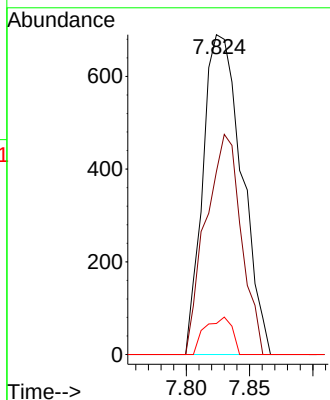
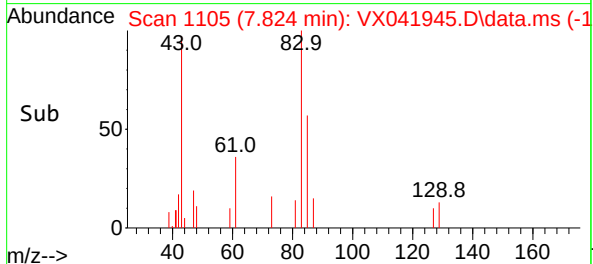
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



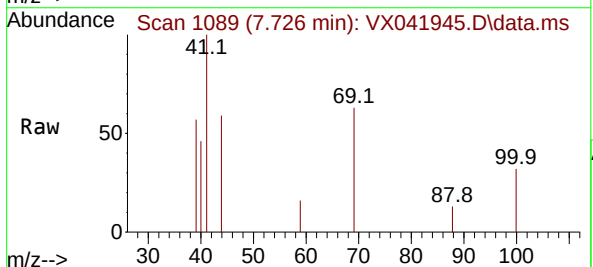
Tgt Ion: 83 Resp: 1474
Ion Ratio Lower Upper
83 100
85 57.2 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations
APPROVED

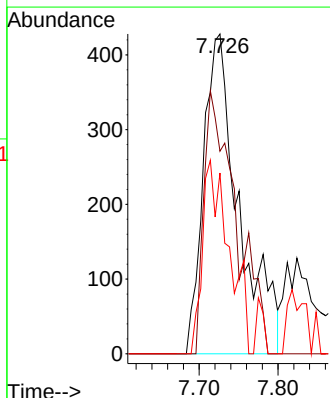
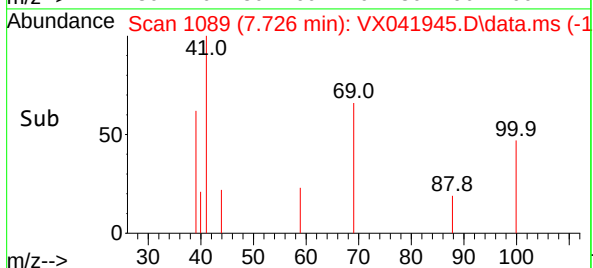
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

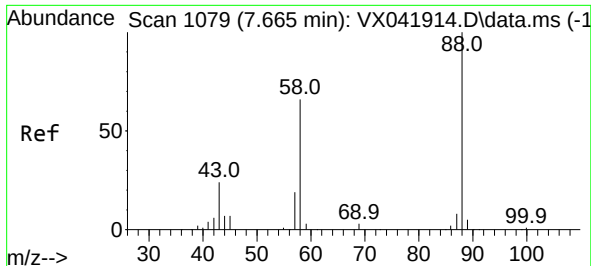


#48
Methyl methacrylate
Concen: 0.711 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.031 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26



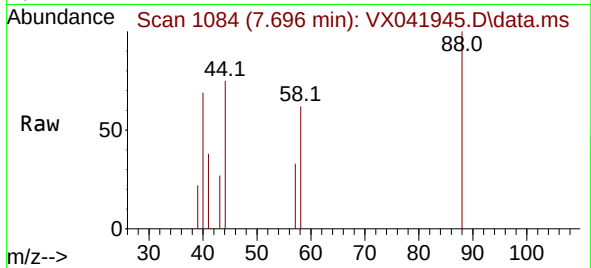
Tgt Ion: 41 Resp: 1340
Ion Ratio Lower Upper
41 100
69 63.0 59.2 88.8
39 45.4 47.7 71.5#





#49
1,4-Dioxane
Concen: 11.340 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.031 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

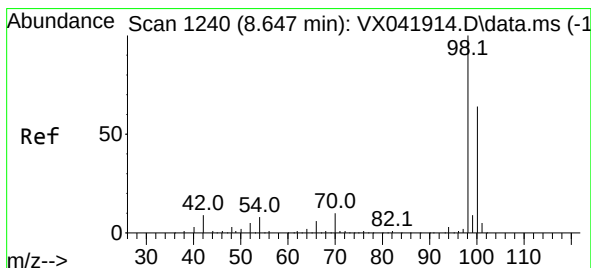
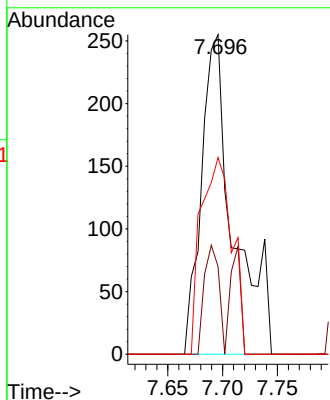
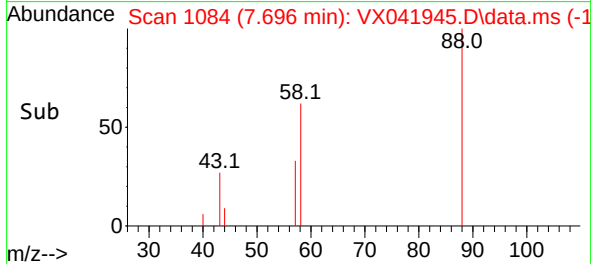
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 15.7 0.0 0.0
58 59.8 60.1 90.1

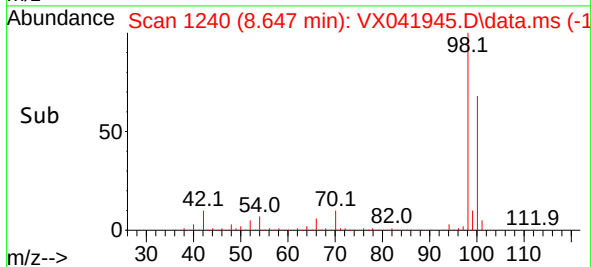
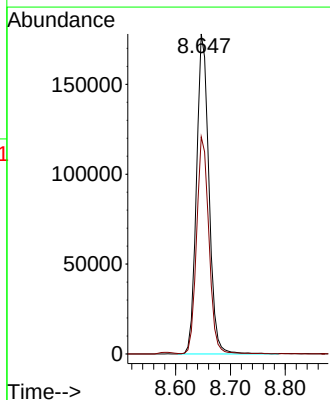
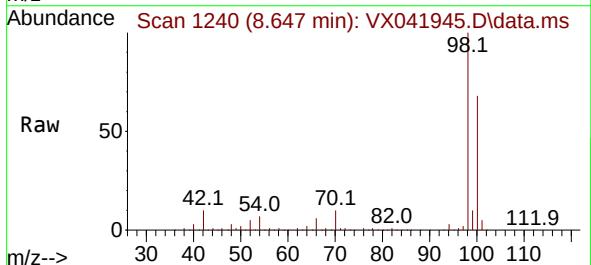
Manual Integrations
APPROVED

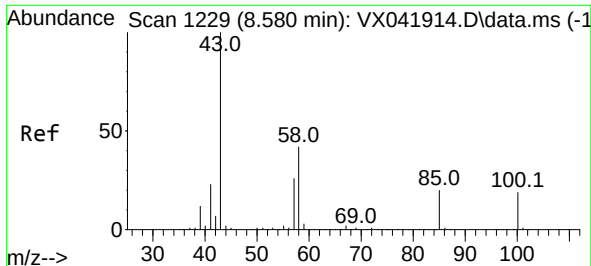
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#50
Toluene-d8
Concen: 43.033 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 98 Resp: 281320
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 3.467 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 9430

Ion Ratio Lower Upper

43 100

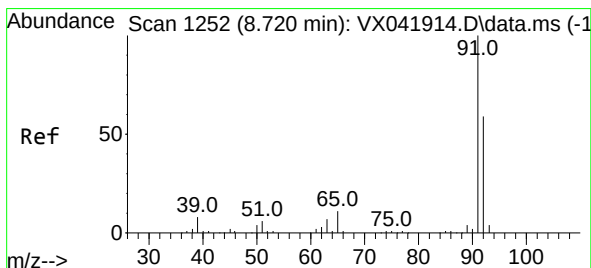
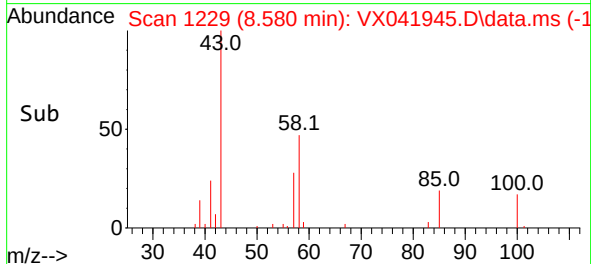
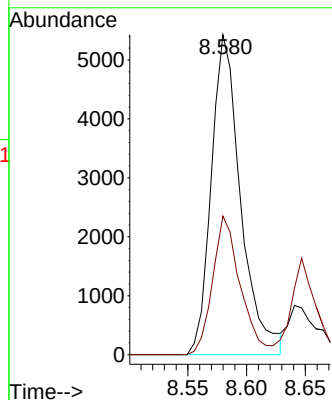
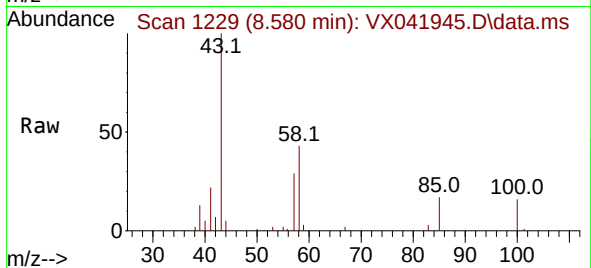
58 41.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#52

Toluene

Concen: 0.760 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX041945.D

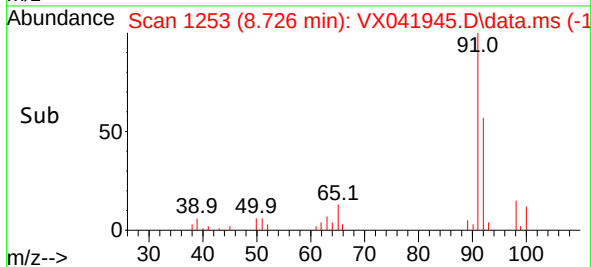
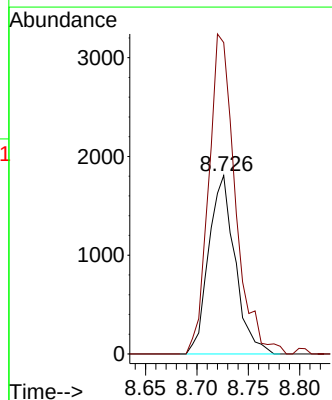
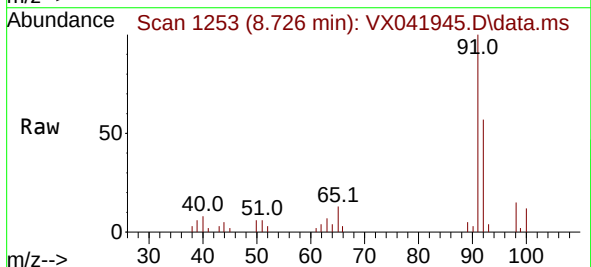
Acq: 19 Jun 2024 14:26

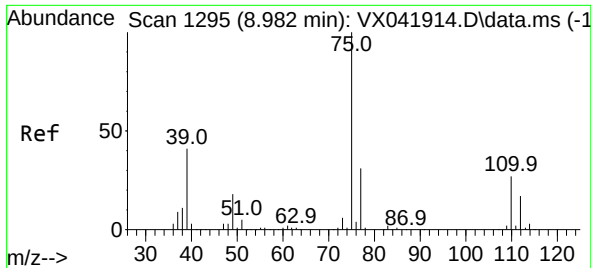
Tgt Ion: 92 Resp: 3225

Ion Ratio Lower Upper

92 100

91 181.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.512 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 75 Resp: 1099

Ion Ratio Lower Upper

75 100

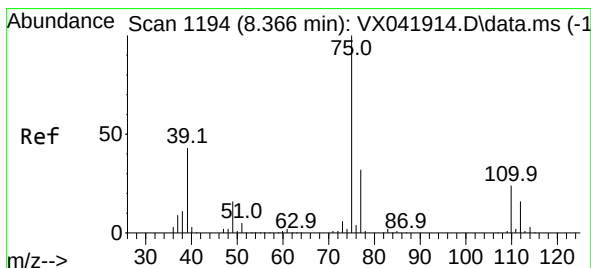
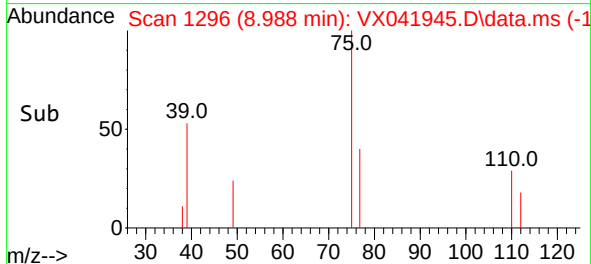
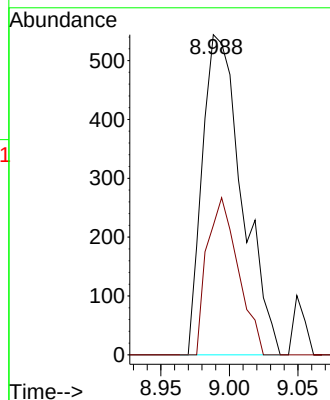
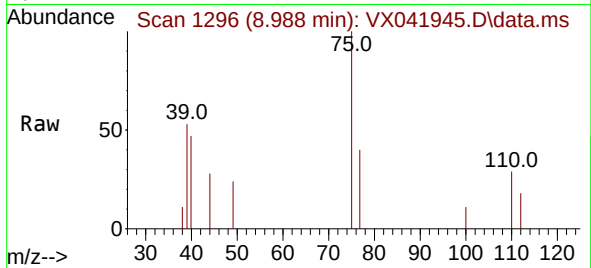
77 40.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#54

cis-1,3-Dichloropropene

Concen: 0.571 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

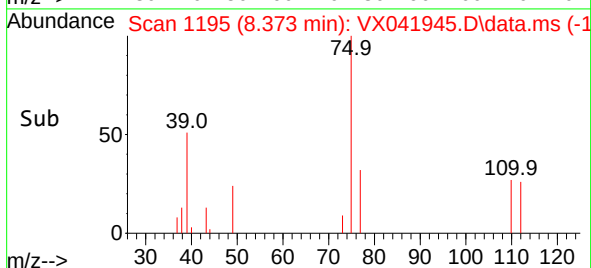
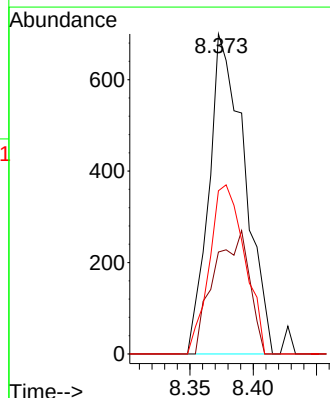
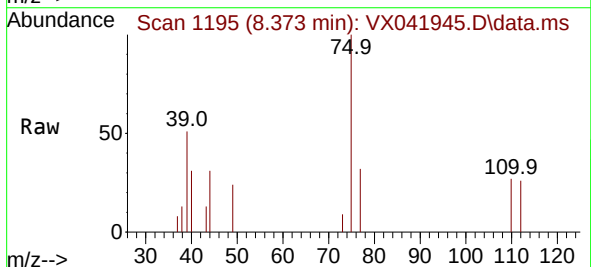
Tgt Ion: 75 Resp: 1370

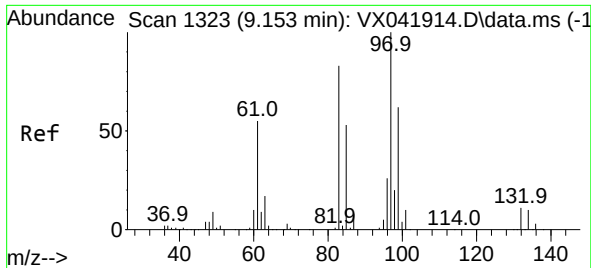
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

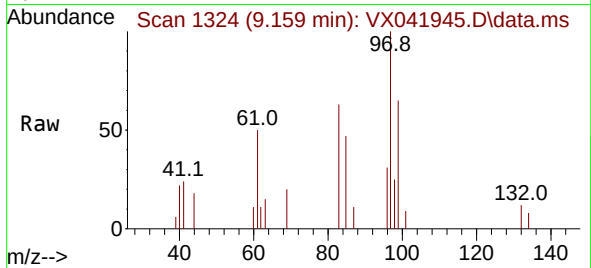
39 51.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.774 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

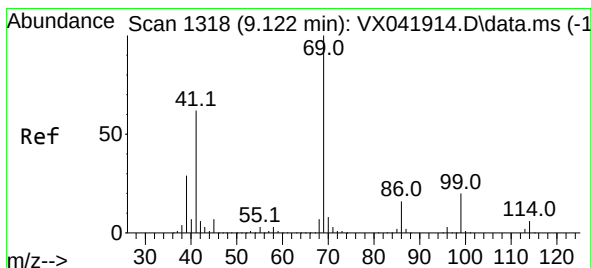
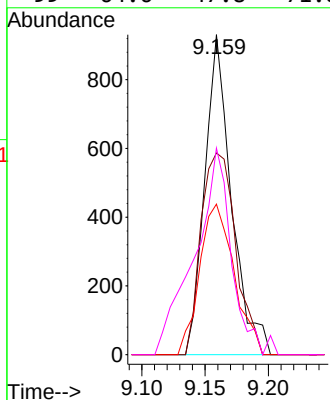
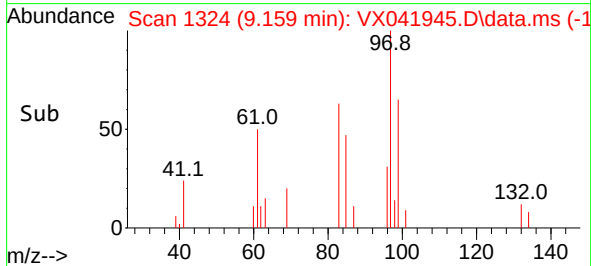
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



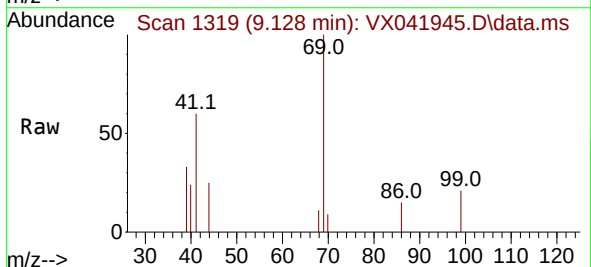
Tgt Ion: 97 Resp: 1368
Ion Ratio Lower Upper
97 100
83 63.1 65.8 98.8
85 47.0 41.6 62.4
99 64.6 47.8 71.8

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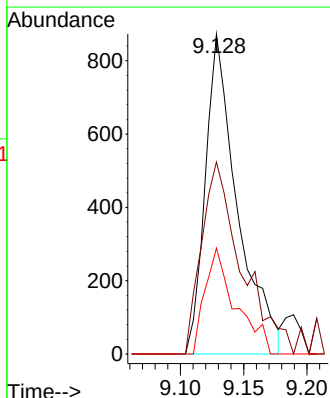
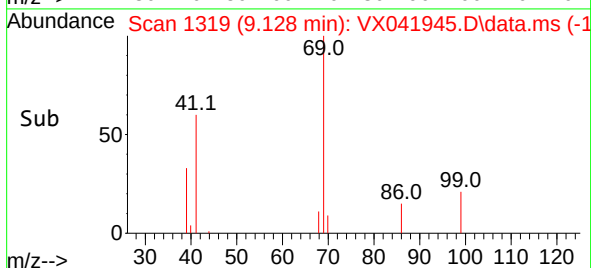
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

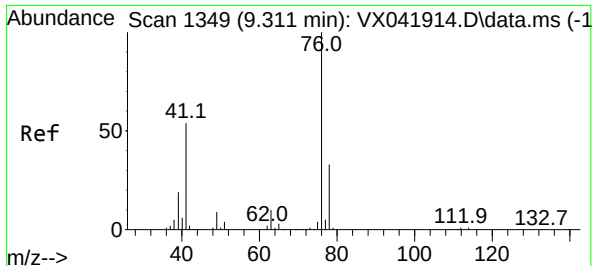


#56
Ethyl methacrylate
Concen: 0.561 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26



Tgt Ion: 69 Resp: 1543
Ion Ratio Lower Upper
69 100
41 74.5 56.8 85.2
39 31.7 32.0 48.0





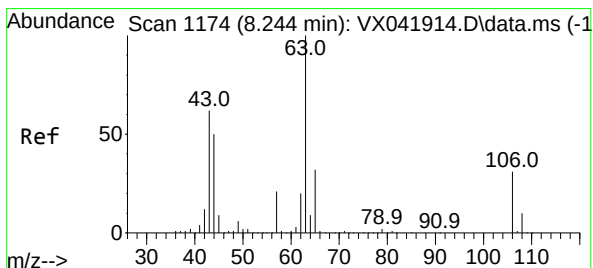
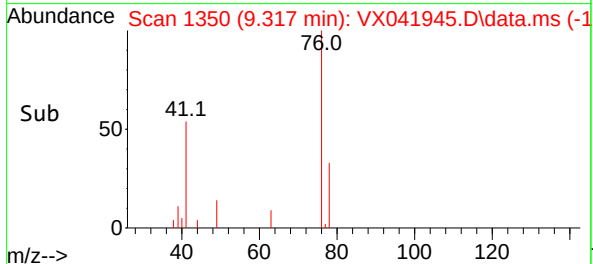
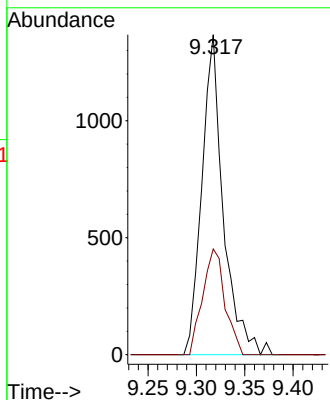
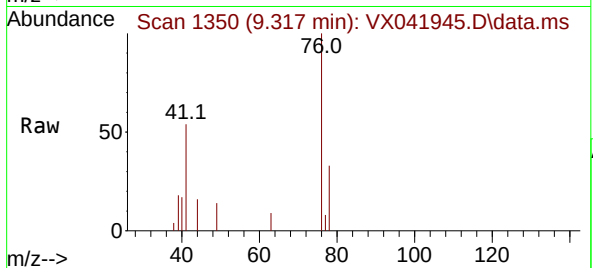
#57
1,3-Dichloropropane
Concen: 0.737 ug/l
RT: 9.317 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 76 Resp: 210
Ion Ratio Lower Upper
76 100
78 34.3 26.1 39.1

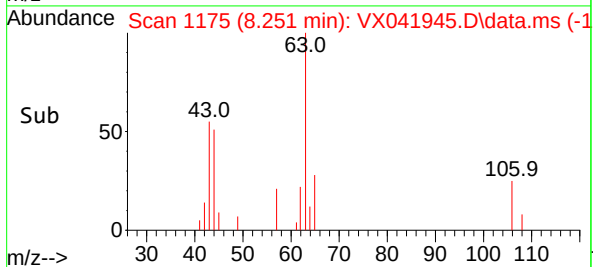
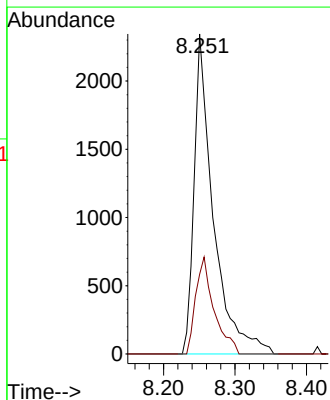
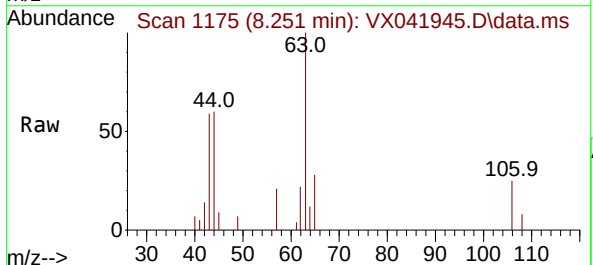
Manual Integrations
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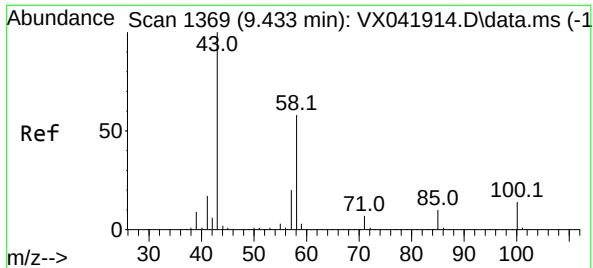
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 3.409 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 63 Resp: 4369
Ion Ratio Lower Upper
63 100
106 28.9 22.5 33.7





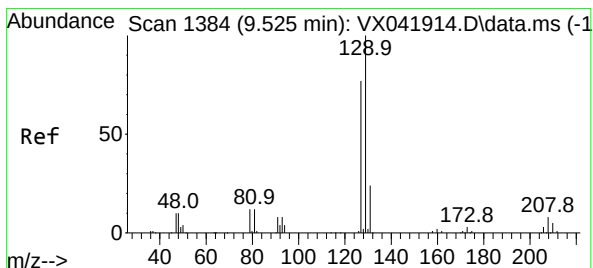
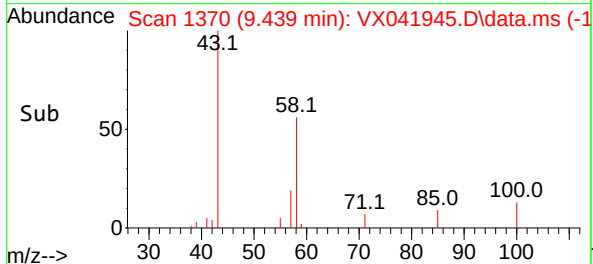
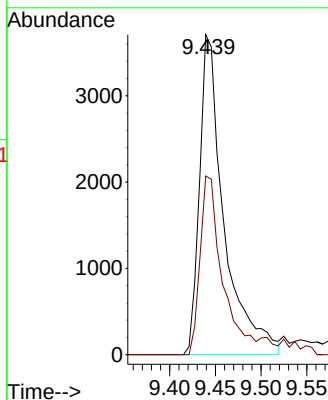
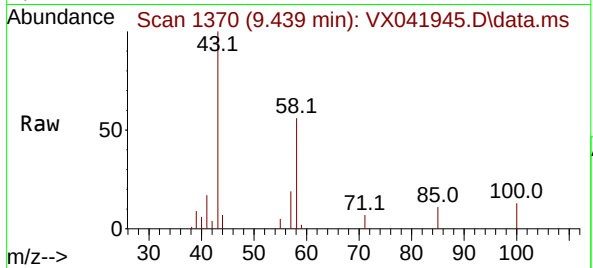
#59
2-Hexanone
Concen: 3.312 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 6904
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5

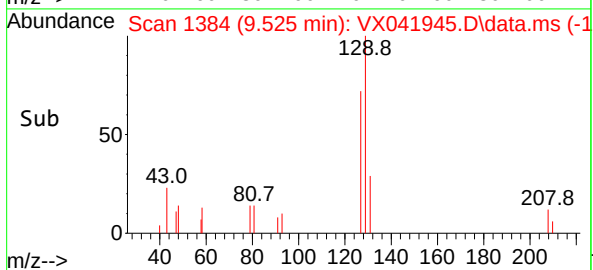
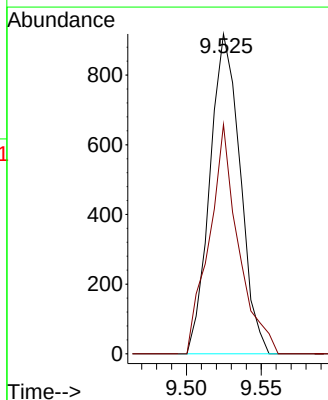
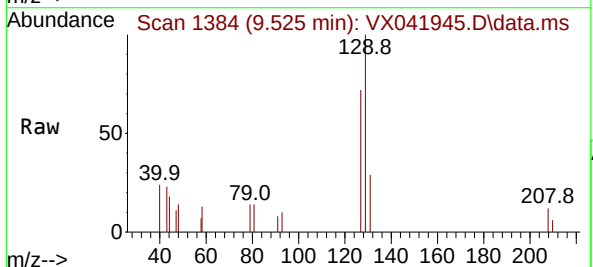
Manual Integrations
APPROVED

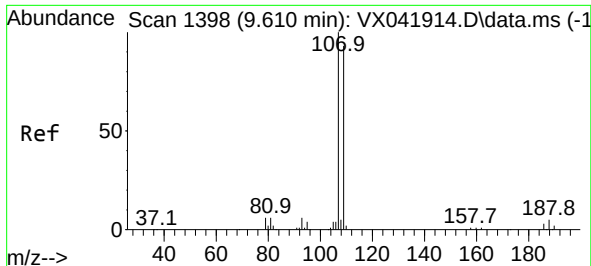
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 0.671 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

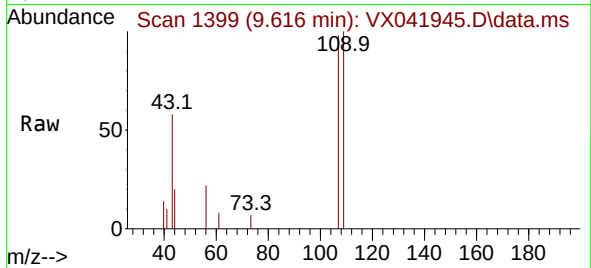
Tgt Ion:129 Resp: 1289
Ion Ratio Lower Upper
129 100
127 69.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.723 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

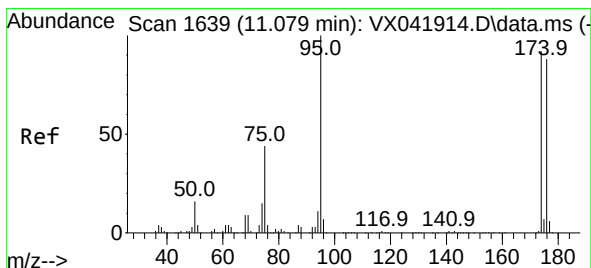
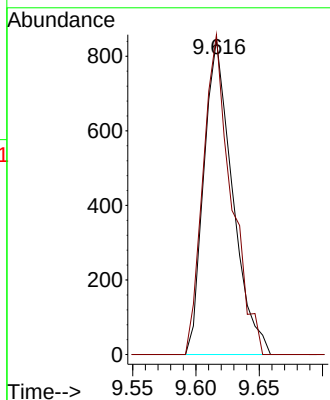
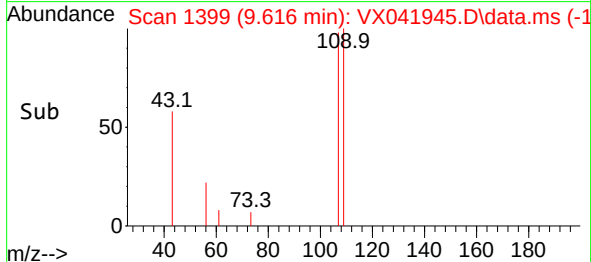
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:107 Resp: 1320
Ion Ratio Lower Upper
107 100
109 100.6 75.2 112.8

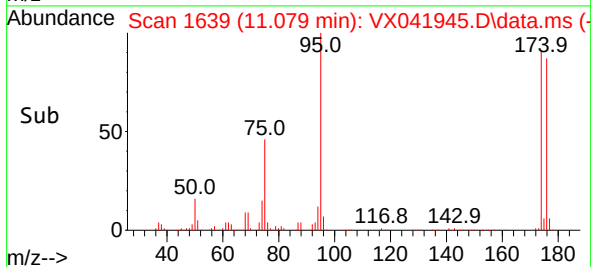
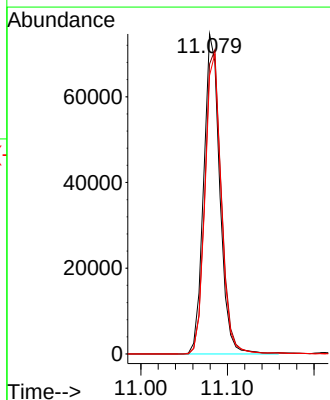
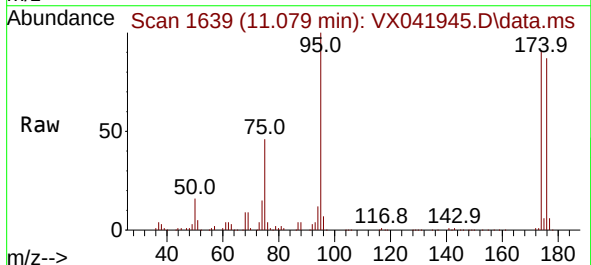
Manual Integrations
APPROVED

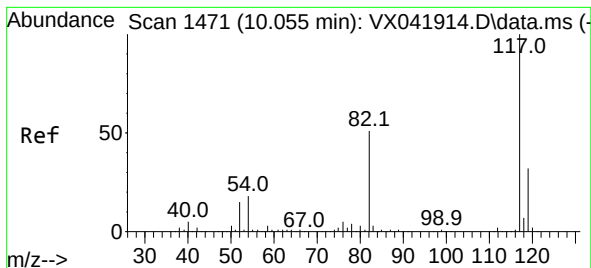
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#62
4-Bromofluorobenzene
Concen: 39.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 95 Resp: 96334
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 94.7 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: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:117 Resp: 230714

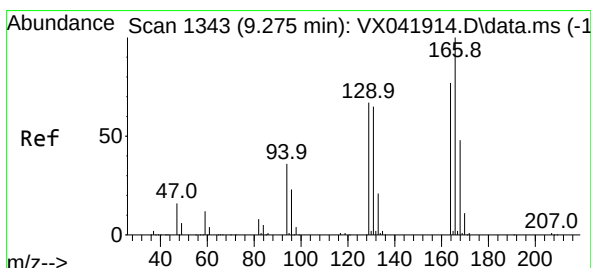
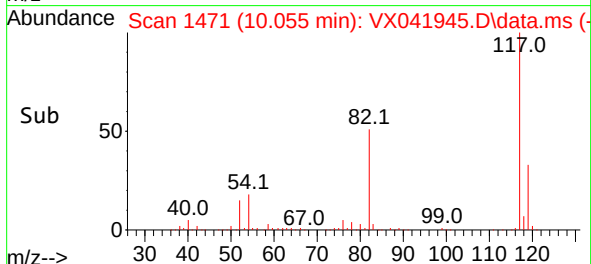
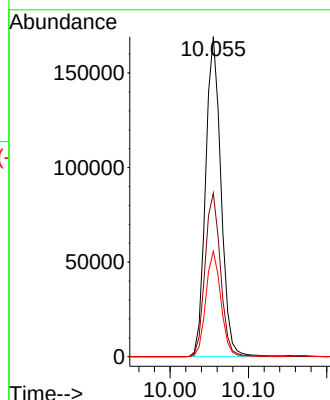
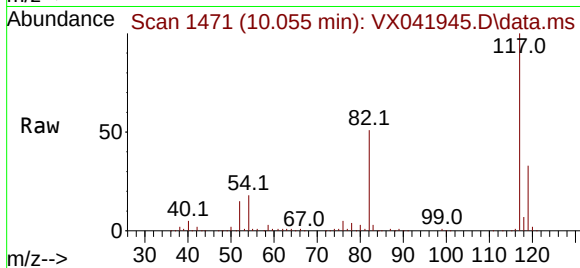
Ion	Ratio	Lower	Upper
117	100		
82	51.1	46.2	69.4
119	32.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#64

Tetrachloroethene

Concen: 0.965 ug/l

RT: 9.275 min Scan# 1343

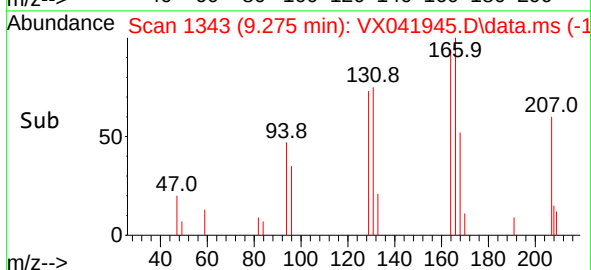
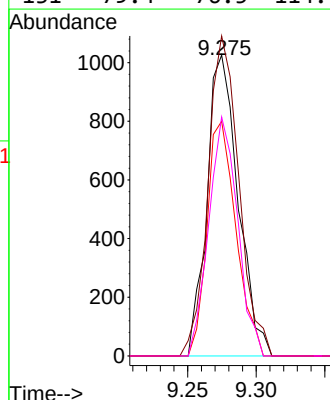
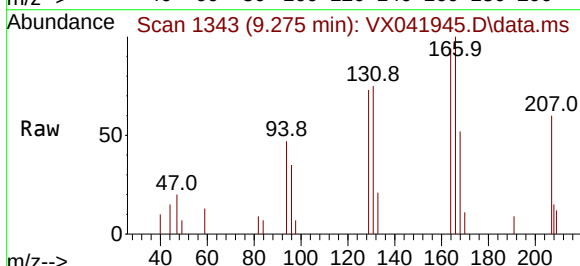
Delta R.T. 0.000 min

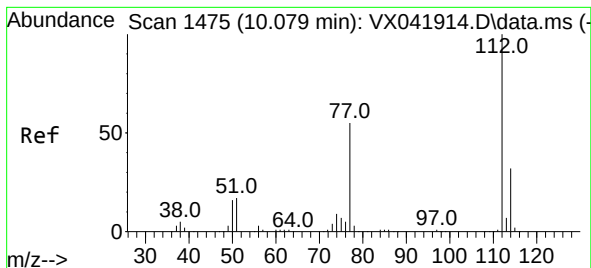
Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:164 Resp: 1621

Ion	Ratio	Lower	Upper
164	100		
166	106.3	102.7	154.1
129	78.0	80.4	120.6
131	79.4	76.5	114.7





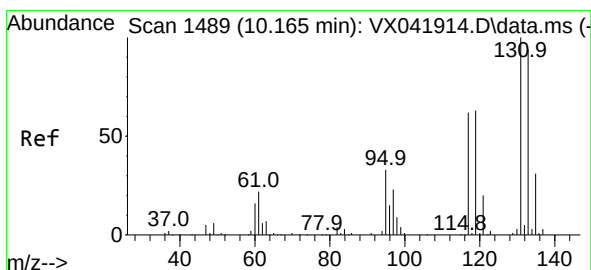
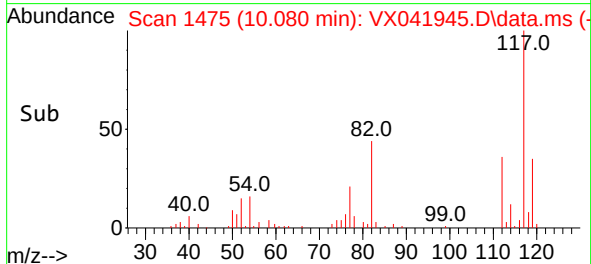
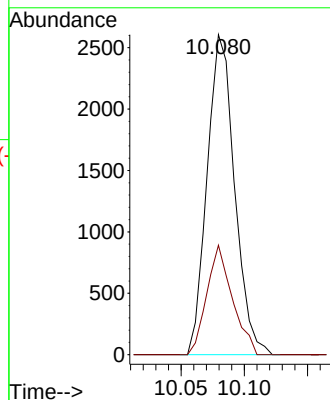
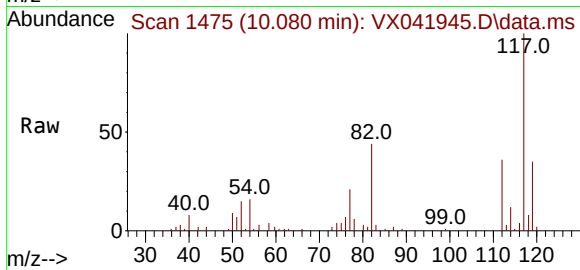
#65
Chlorobenzene
Concen: 0.820 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:112 Resp: 3934
Ion Ratio Lower Upper
112 100
114 34.2 25.7 38.5

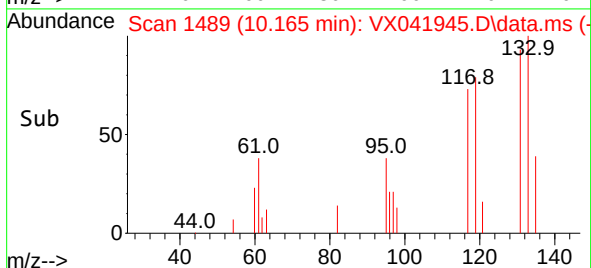
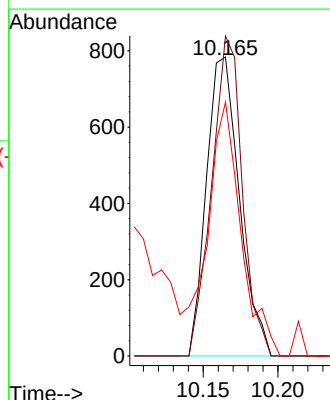
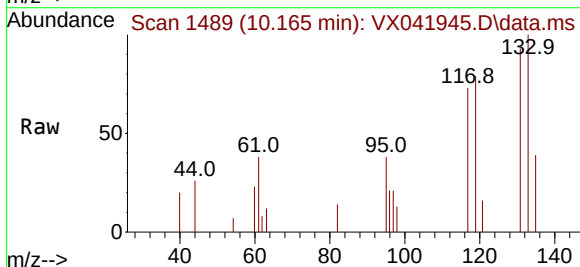
Manual Integrations
APPROVED

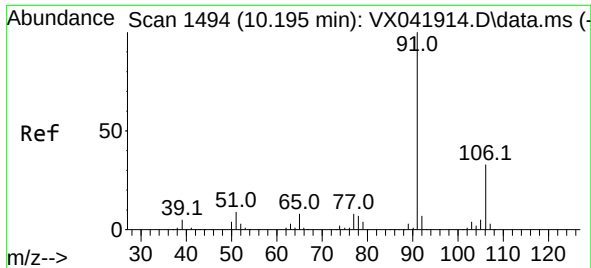
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.716 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion:131 Resp: 1202
Ion Ratio Lower Upper
131 100
133 99.2 47.1 141.4
119 0.0 32.2 96.6#





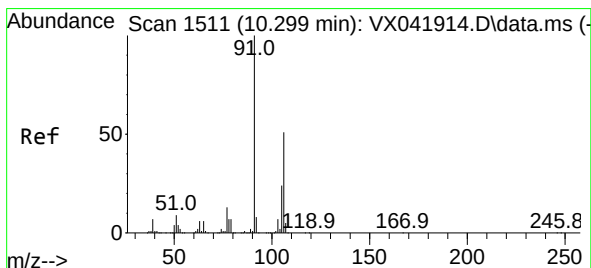
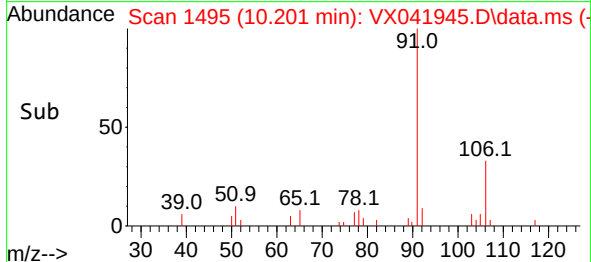
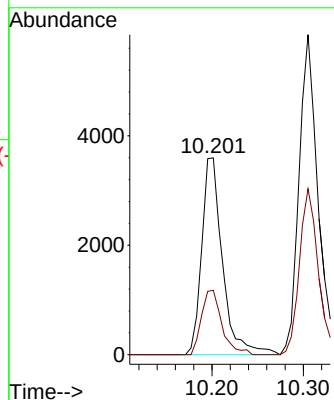
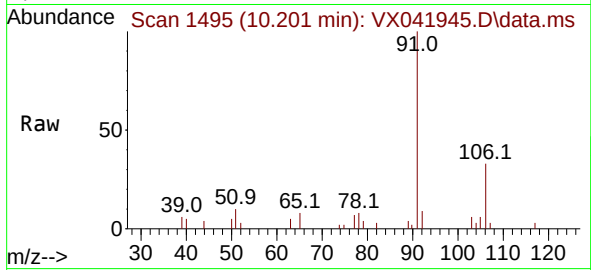
#67
Ethyl Benzene
Concen: 0.755 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 568
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

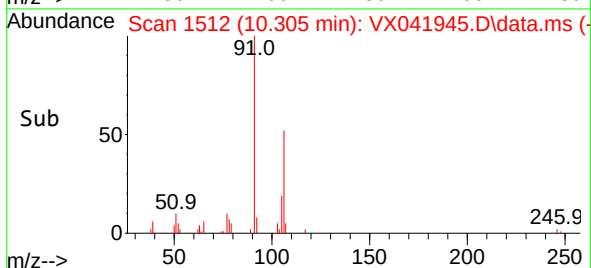
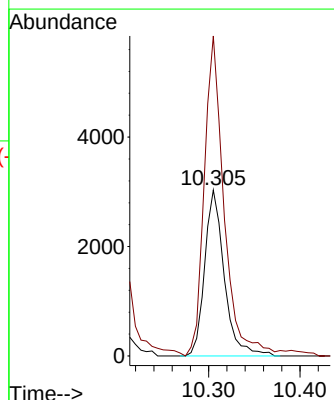
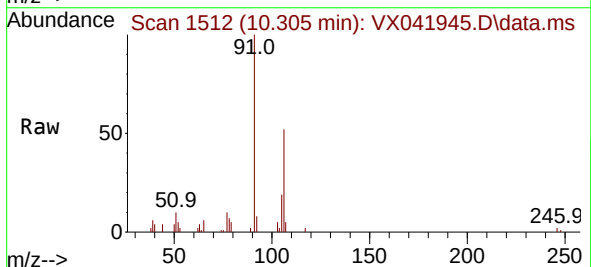
Manual Integrations
APPROVED

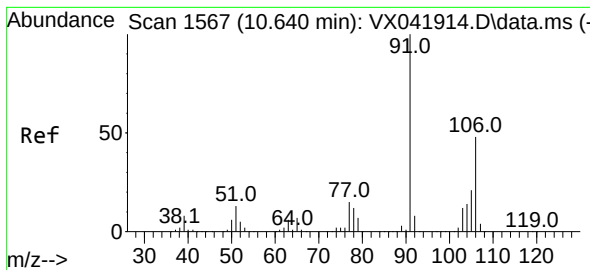
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#68
m/p-Xylenes
Concen: 1.485 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion:106 Resp: 4509
Ion Ratio Lower Upper
106 100
91 195.5 165.5 248.3





#69

o-Xylene

Concen: 0.741 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 222

Ion Ratio Lower Upper

106 100

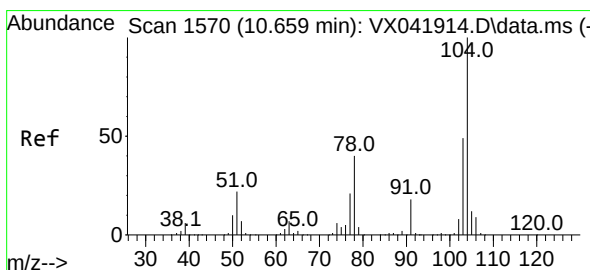
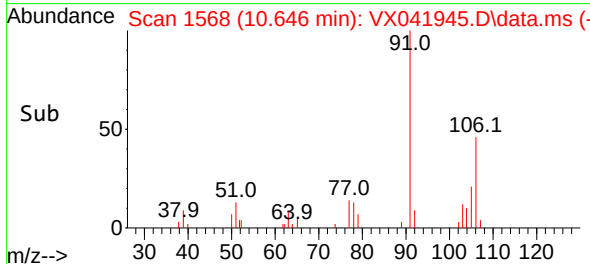
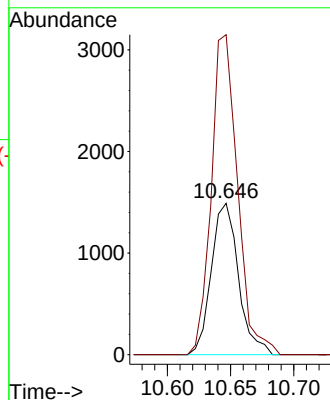
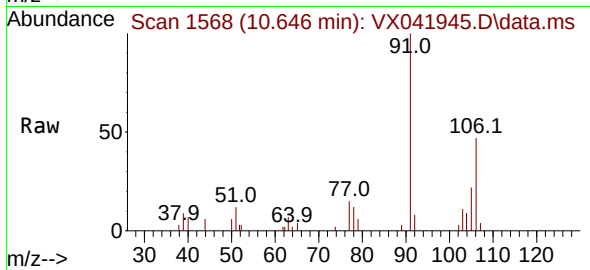
91 204.2 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#70

Styrene

Concen: 0.626 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

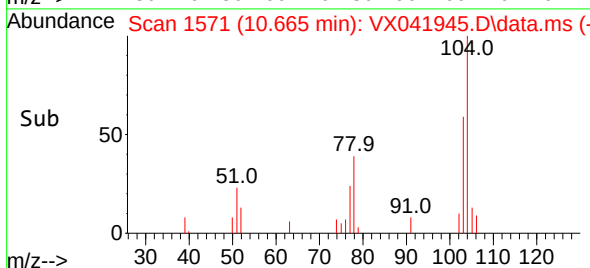
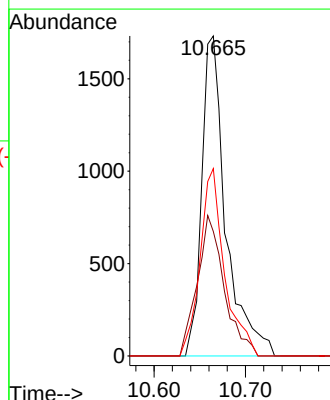
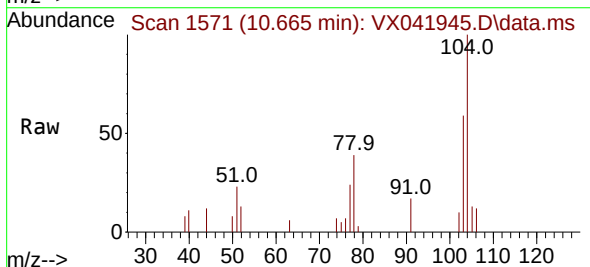
Tgt Ion:104 Resp: 3154

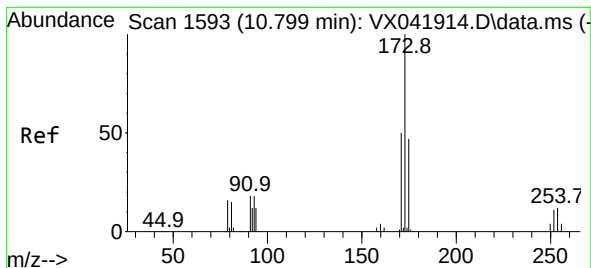
Ion Ratio Lower Upper

104 100

78 49.3 43.6 65.4

103 59.8 43.6 65.4





#71

Bromoform

Concen: 0.676 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

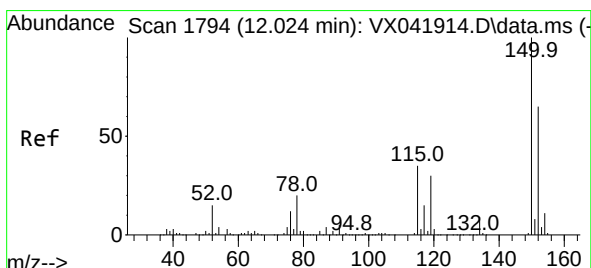
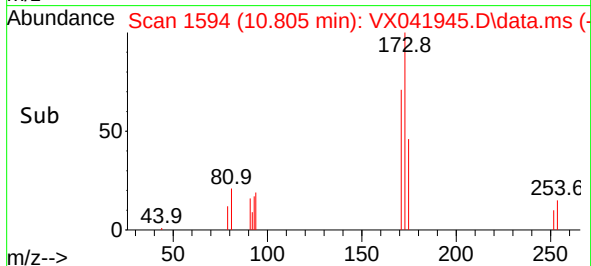
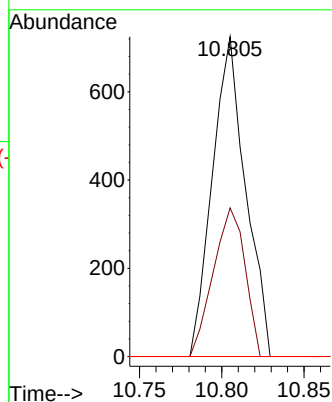
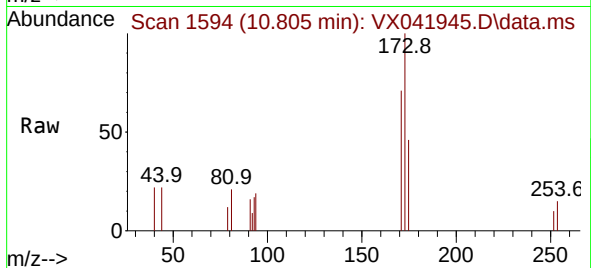
Tgt Ion:173	Resp:	1010
Ion Ratio	Lower	Upper
173	100	
175	44.3	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

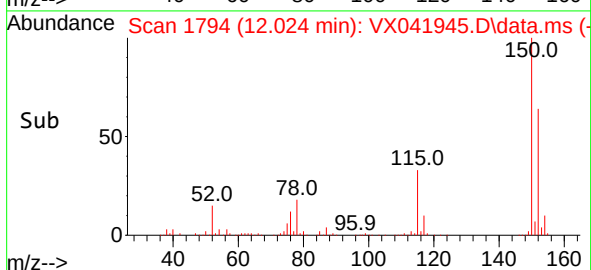
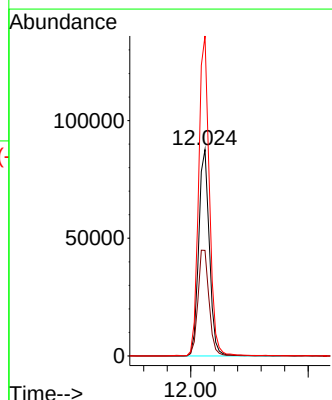
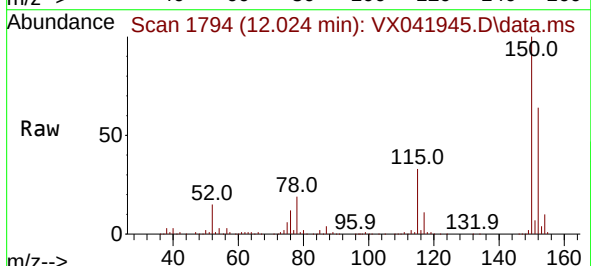
RT: 12.024 min Scan# 1794

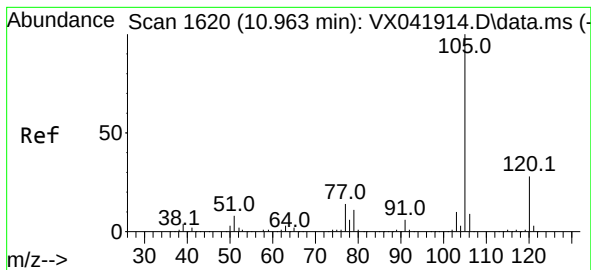
Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:152	Resp:	110587
Ion Ratio	Lower	Upper
152	100	
115	53.4	43.3 129.9
150	155.0	0.0 345.0





#73

Isopropylbenzene

Concen: 0.757 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

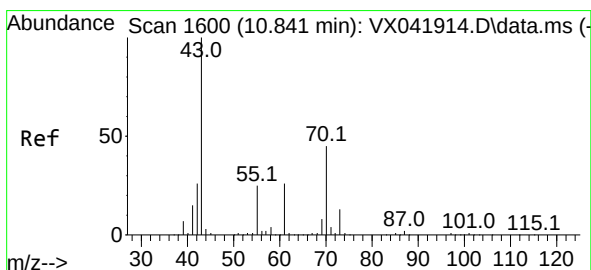
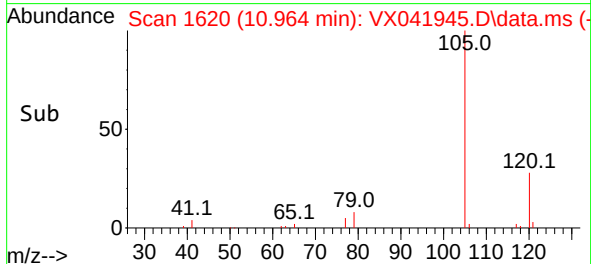
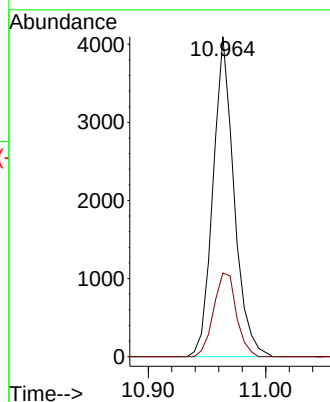
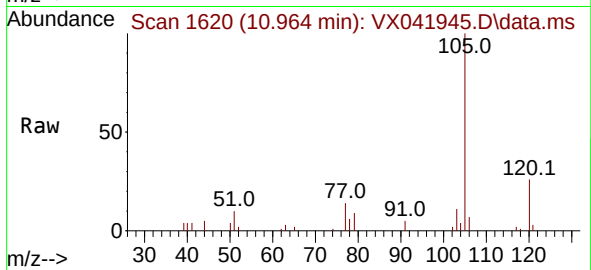
Tgt Ion:	105	Resp:	5092
Ion Ratio	Lower	Upper	
105	100		
120	28.2	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#74

N-ethyl acetate

Concen: 0.635 ug/l

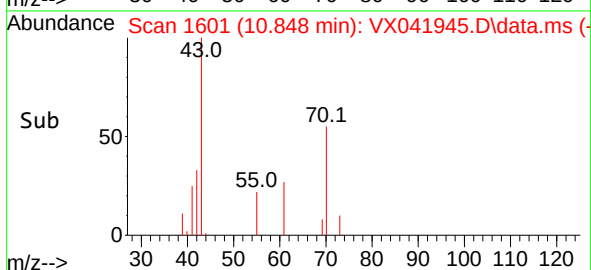
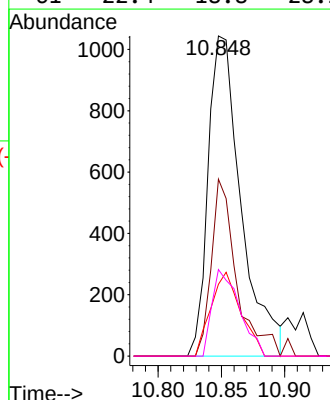
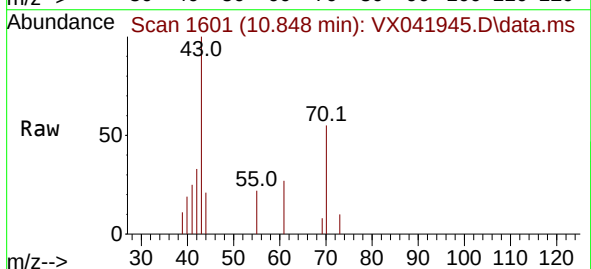
RT: 10.848 min Scan# 1601

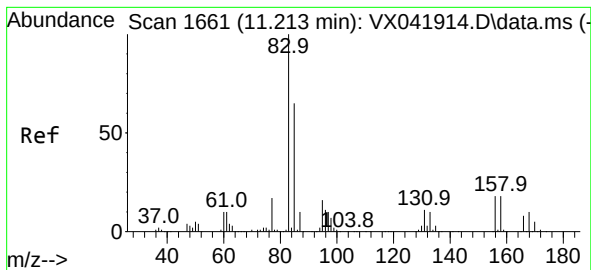
Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:	43	Resp:	1898
Ion Ratio	Lower	Upper	
43	100		
70	43.3	32.9	49.3
55	23.8	19.3	28.9
61	22.4	18.8	28.2





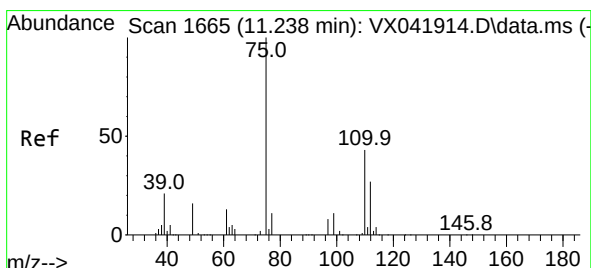
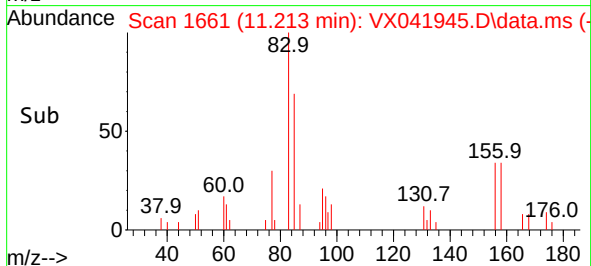
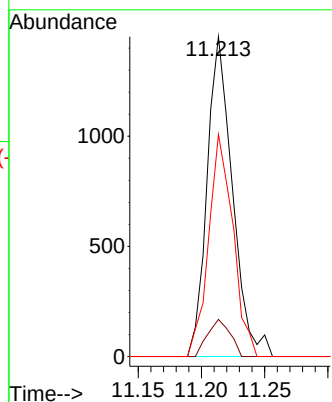
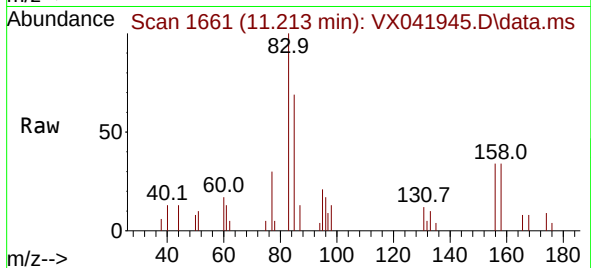
#75
1,1,2,2-Tetrachloroethane
Concen: 0.811 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83 Resp: 202
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 66.7 32.0 96.2

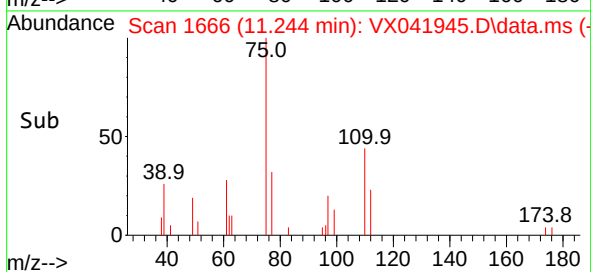
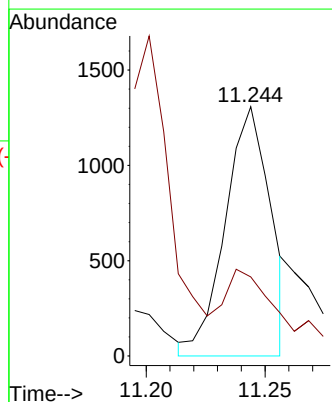
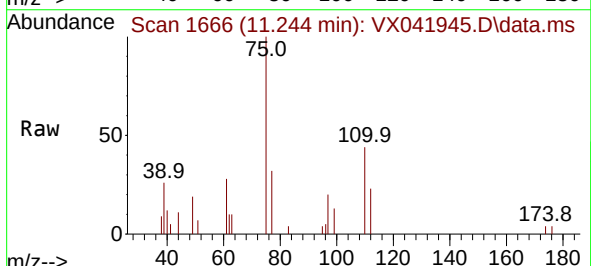
Manual Integrations
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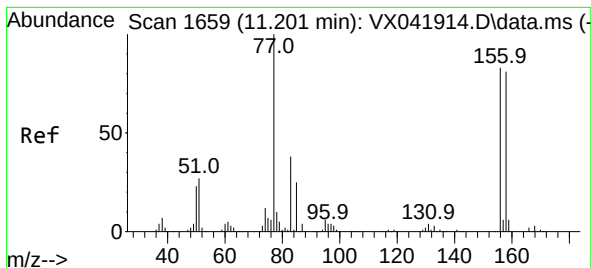
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#76
1,2,3-Trichloropropane
Concen: 0.864 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 75 Resp: 1735
Ion Ratio Lower Upper
75 100
77 44.3 19.1 57.5





#77

Bromobenzene

Concen: 0.825 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

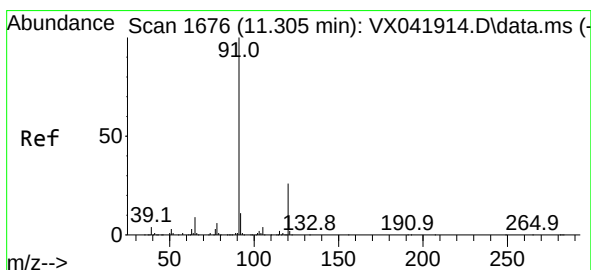
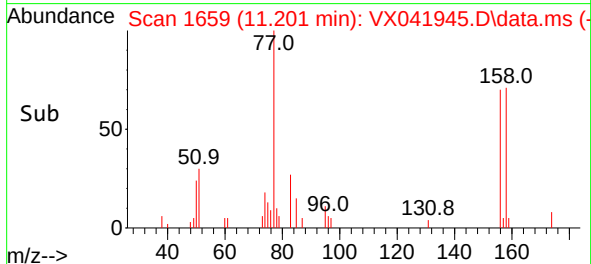
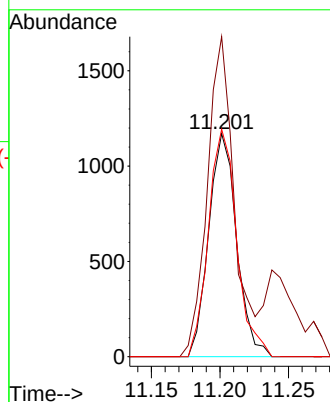
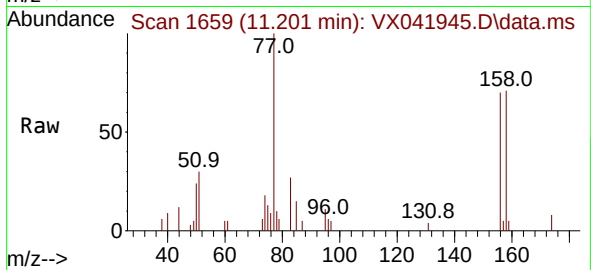
Tgt Ion:	156	Resp:	165
Ion Ratio	Lower	Upper	
156	100		
77	138.2	88.4	265.3
158	103.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#78

n-propylbenzene

Concen: 0.740 ug/l

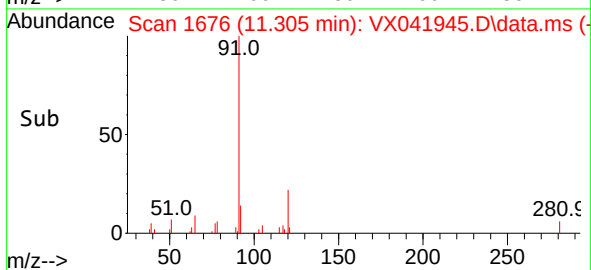
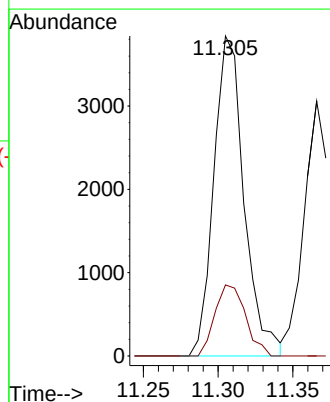
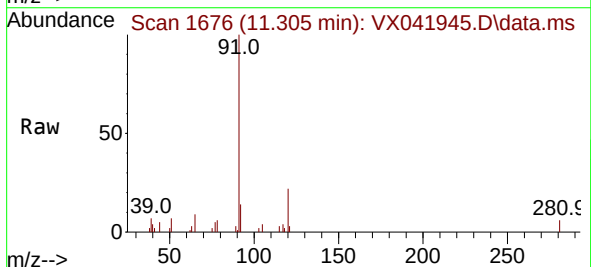
RT: 11.305 min Scan# 1676

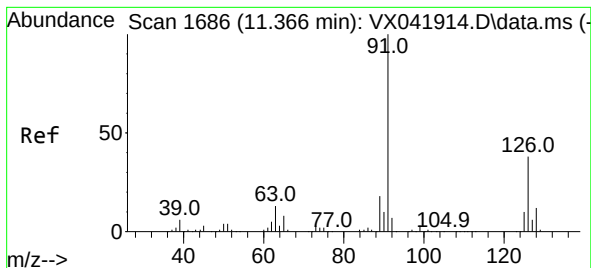
Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:	91	Resp:	5397
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





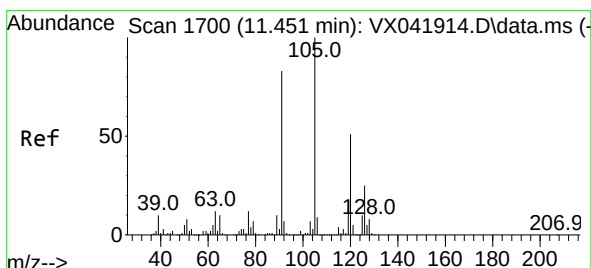
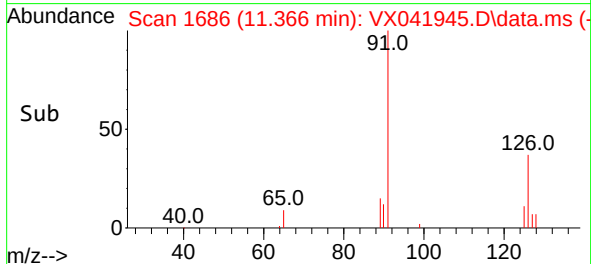
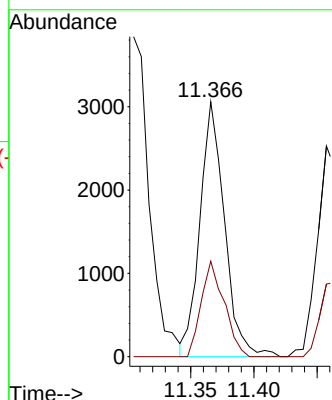
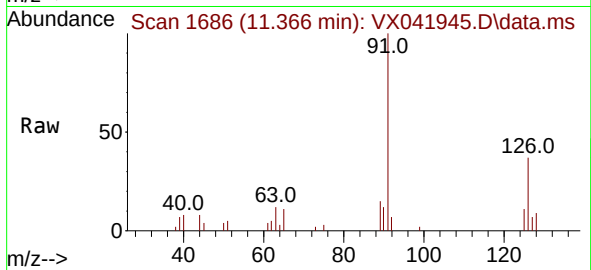
#79
2-Chlorotoluene
Concen: 0.881 ug/l
RT: 11.366 min Scan# 1136
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 414
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

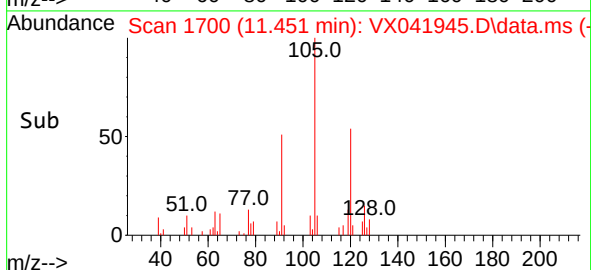
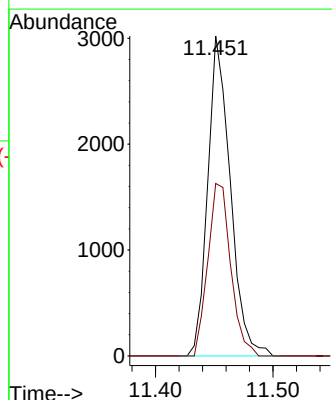
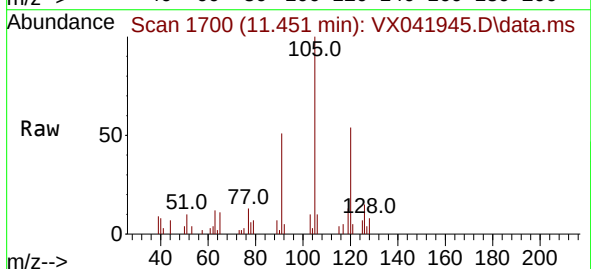
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APPROVED

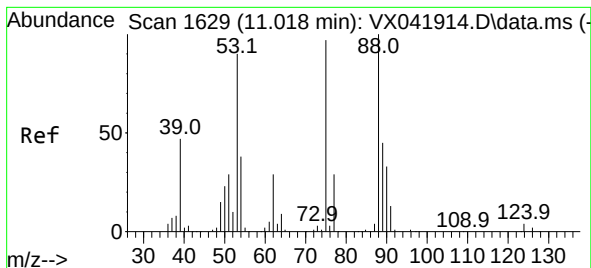
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.717 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

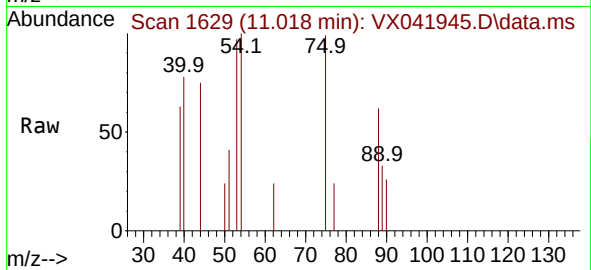
Tgt Ion:105 Resp: 4017
Ion Ratio Lower Upper
105 100
120 54.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.590 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

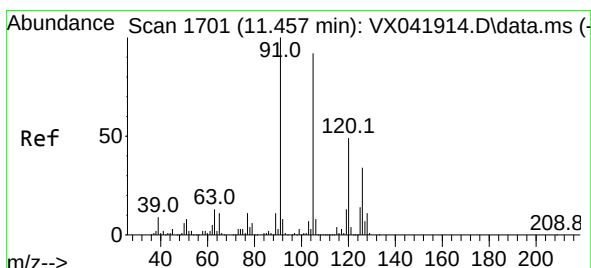
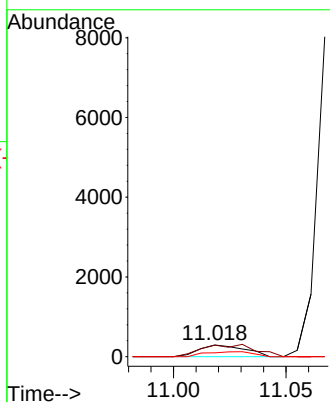
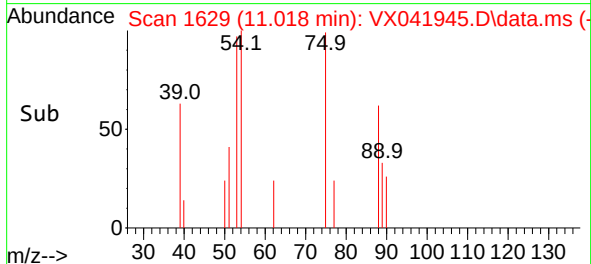
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 417
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

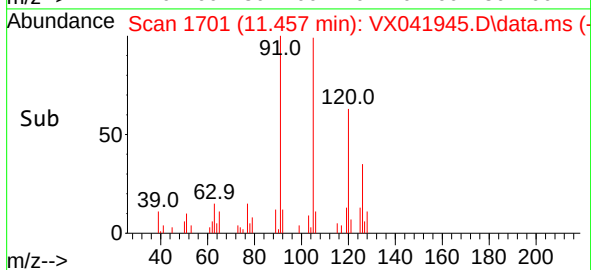
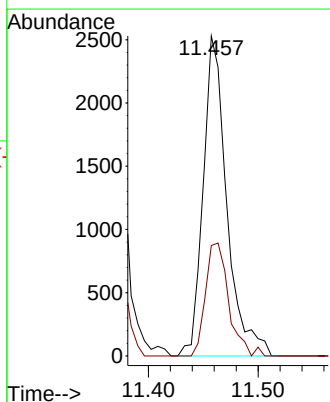
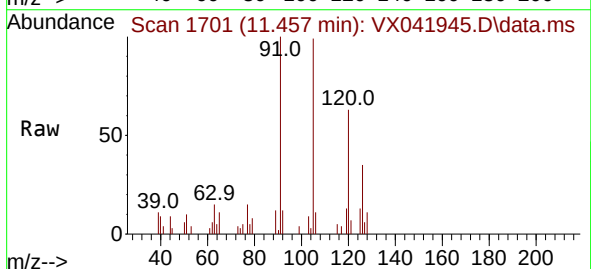
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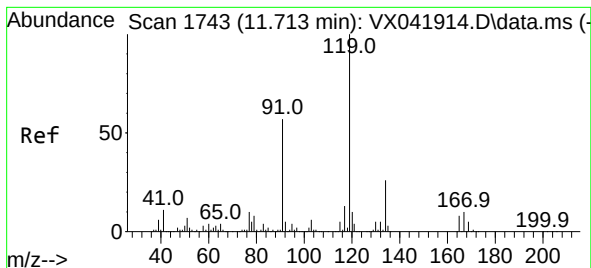
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 0.730 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 91 Resp: 3791
Ion Ratio Lower Upper
91 100
126 34.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.721 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

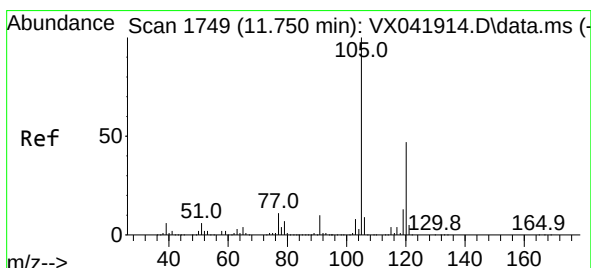
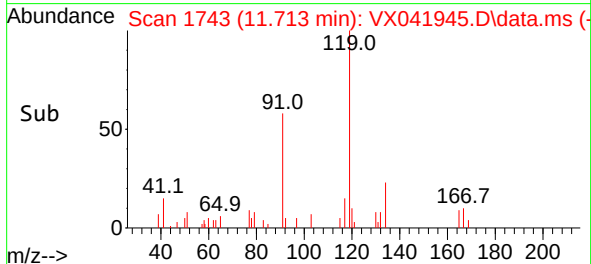
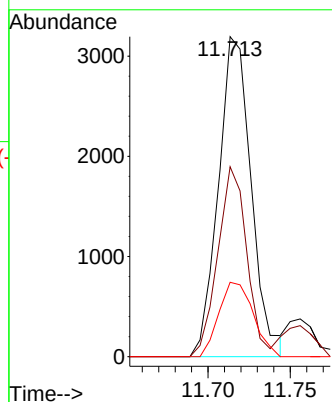
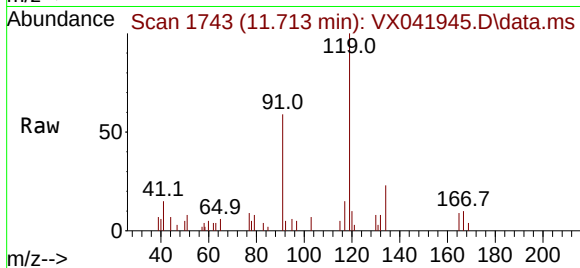
Tgt Ion:	119	Resp:	443
Ion	Ratio	Lower	Upper
119	100		
91	52.5	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.723 ug/l

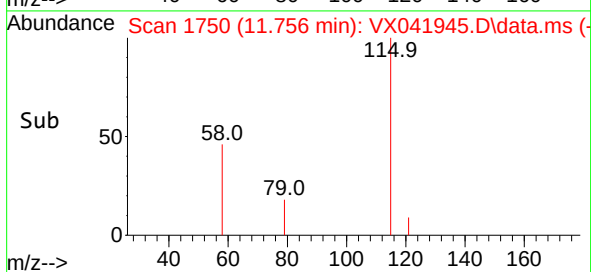
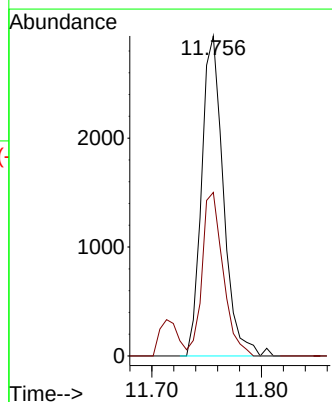
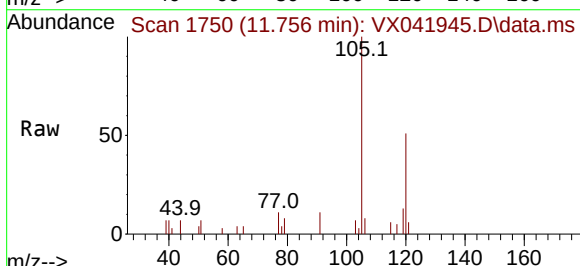
RT: 11.756 min Scan# 1750

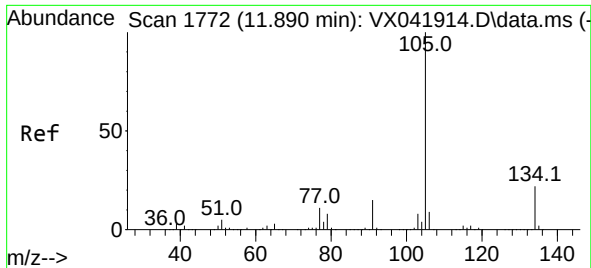
Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

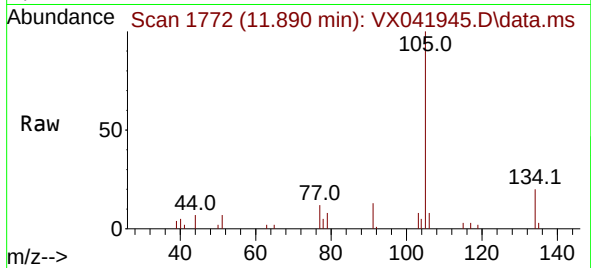
Tgt Ion:	105	Resp:	4061
Ion	Ratio	Lower	Upper
105	100		
120	49.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.709 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041945.D
 Acq: 19 Jun 2024 14:26

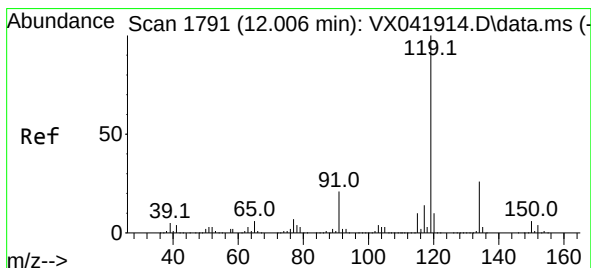
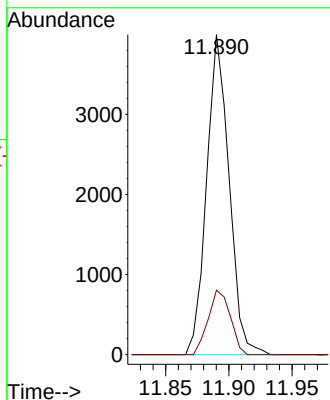
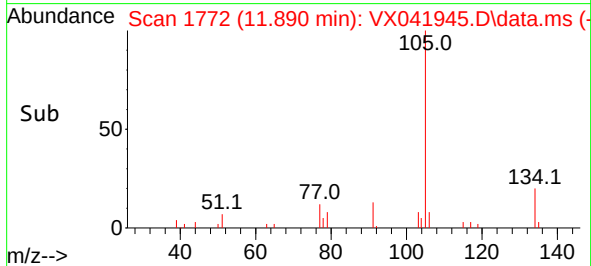
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



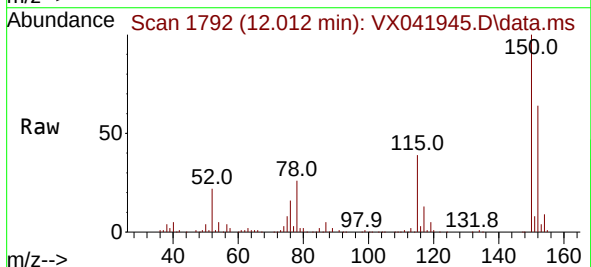
Tgt Ion:105 Resp: 493
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

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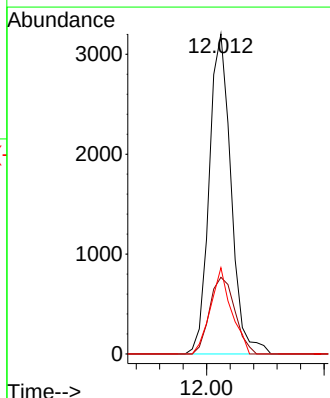
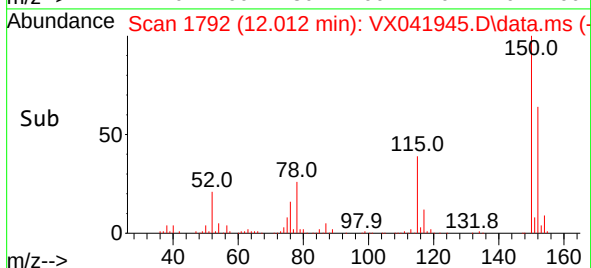
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

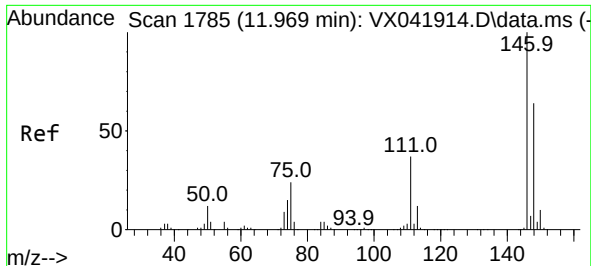


#86
 p-Isopropyltoluene
 Concen: 0.680 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041945.D
 Acq: 19 Jun 2024 14:26



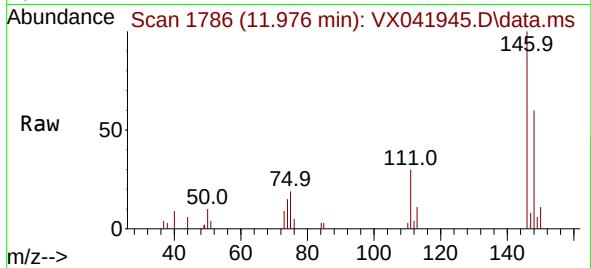
Tgt Ion:119 Resp: 4130
 Ion Ratio Lower Upper
 119 100
 134 27.9 12.8 38.3
 91 25.8 13.1 39.3





#87
 1,3-Dichlorobenzene
 Concen: 0.830 ug/l
 RT: 11.976 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX041945.D
 Acq: 19 Jun 2024 14:26

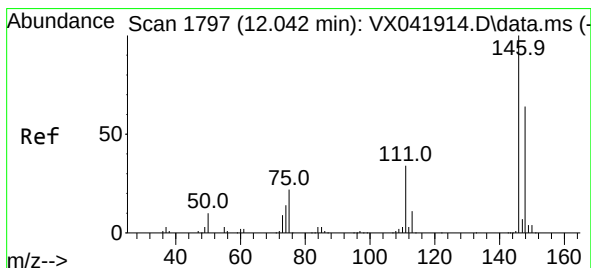
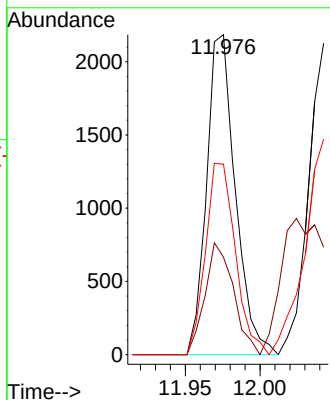
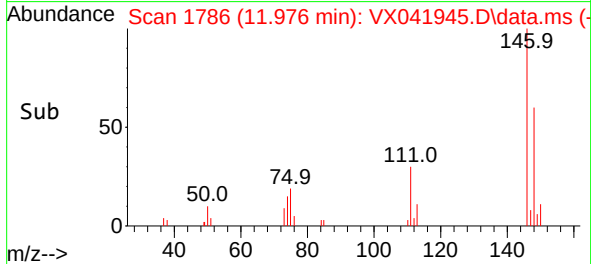
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



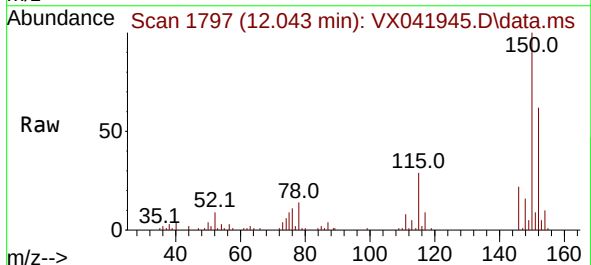
Tgt Ion:146 Resp: 292
 Ion Ratio Lower Upper
 146 100
 111 34.5 22.1 66.1
 148 62.1 31.8 95.3

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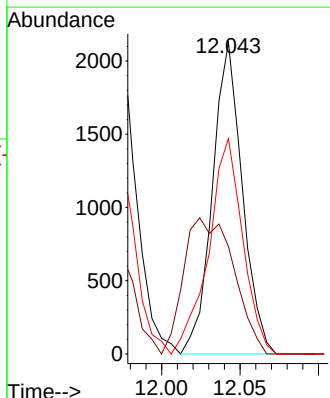
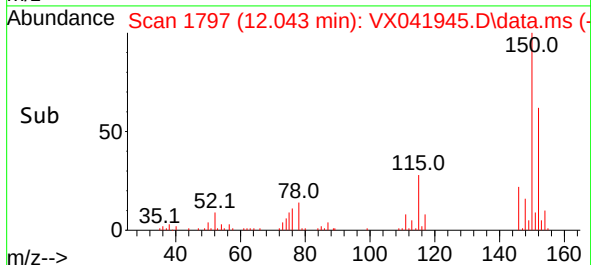
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

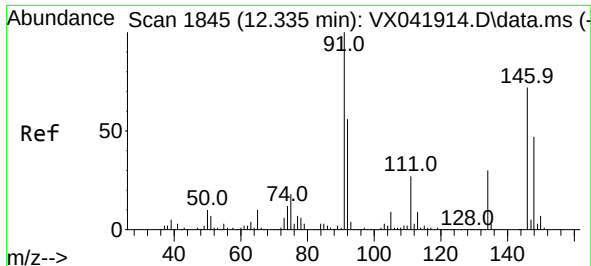


#88
 1,4-Dichlorobenzene
 Concen: 0.783 ug/l m
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX041945.D
 Acq: 19 Jun 2024 14:26



Tgt Ion:146 Resp: 2821
 Ion Ratio Lower Upper
 146 100
 111 35.7 21.3 63.7
 148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 0.635 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

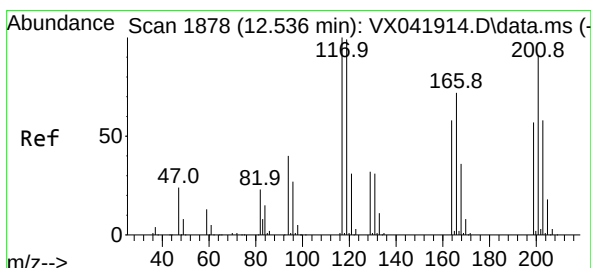
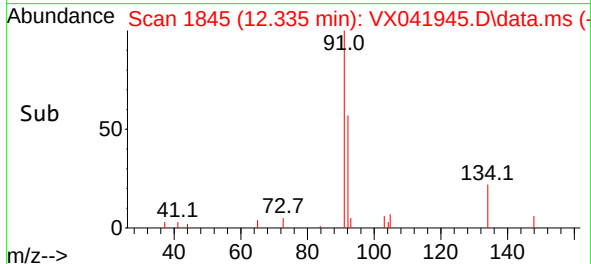
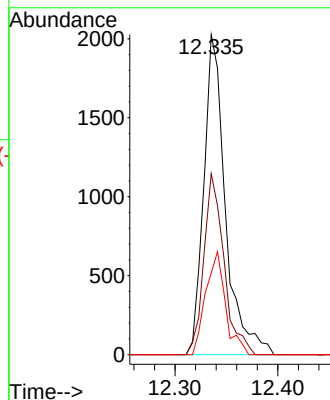
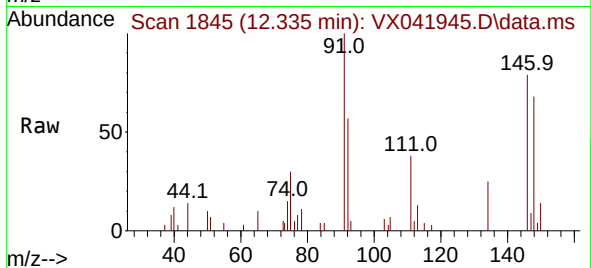
Tgt Ion: 91	Resp: 296
Ion Ratio	Lower Upper
91	100
92	52.7 27.4 82.0
134	29.5 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#90

Hexachloroethane

Concen: 0.759 ug/l

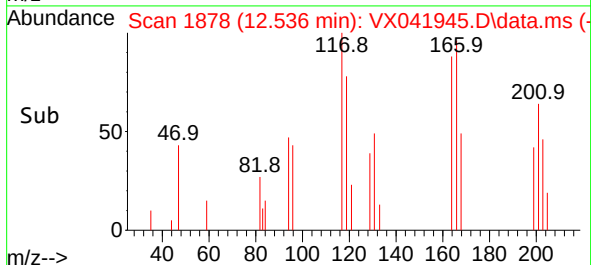
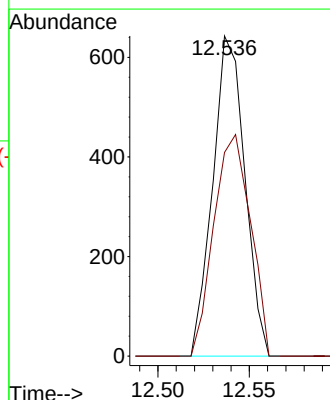
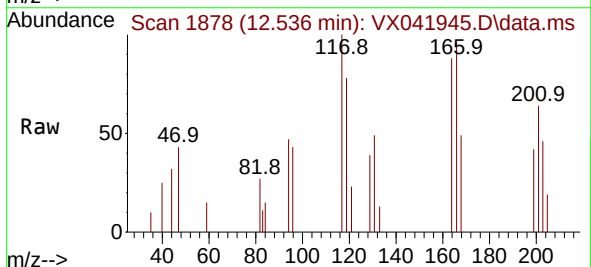
RT: 12.536 min Scan# 1878

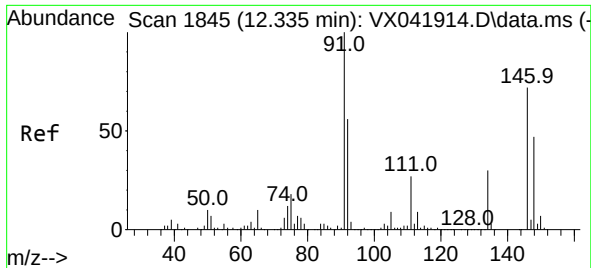
Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

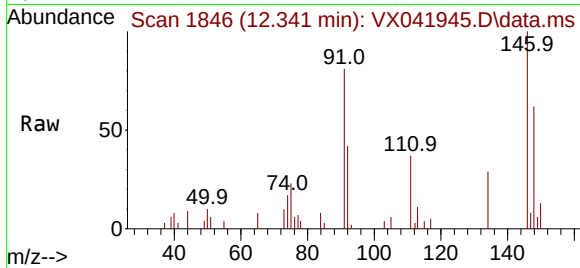
Tgt Ion: 117	Resp: 785
Ion Ratio	Lower Upper
117	100
201	79.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.808 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

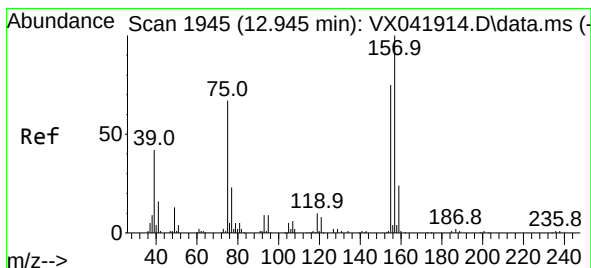
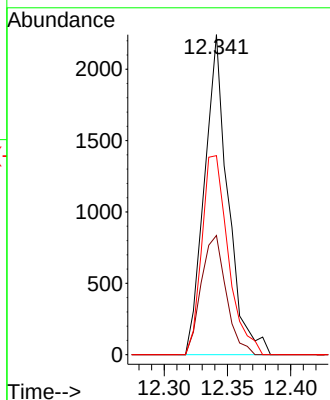
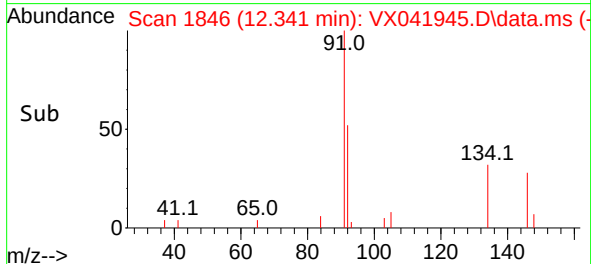
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:146 Resp: 291
Ion Ratio Lower Upper
146 100
111 39.4 22.4 67.0
148 69.8 31.6 95.0

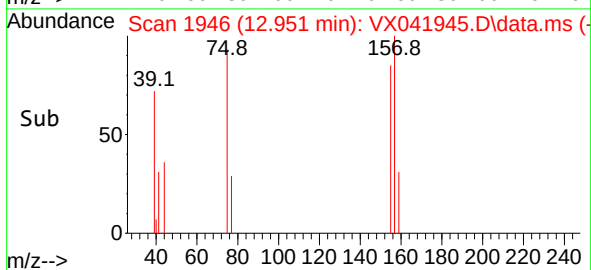
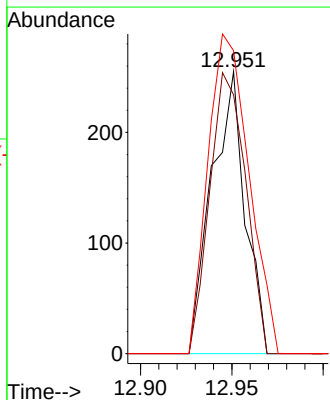
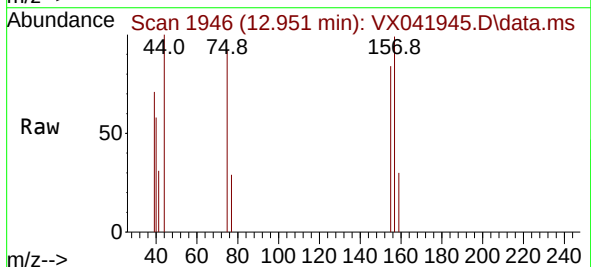
Manual Integrations
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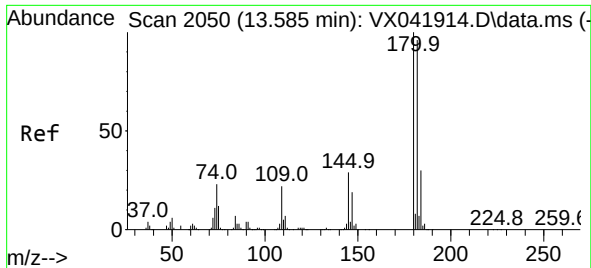
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.654 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion: 75 Resp: 324
Ion Ratio Lower Upper
75 100
155 107.7 36.1 108.5
157 139.5 44.9 134.7#





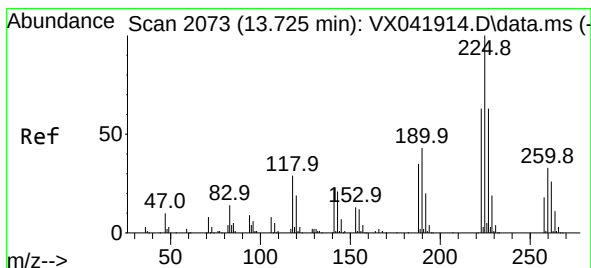
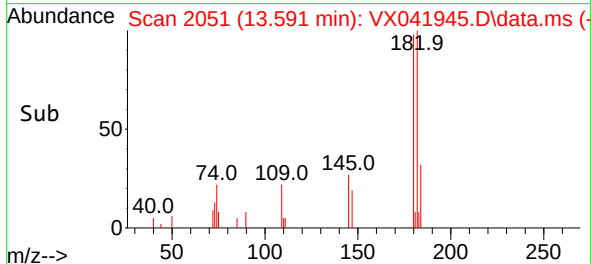
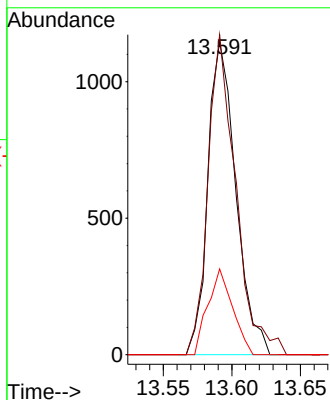
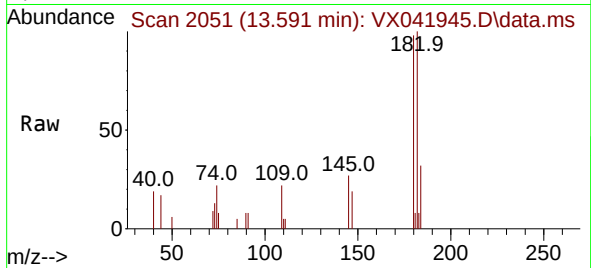
#93
1,2,4-Trichlorobenzene
Concen: 0.691 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:180 Resp: 1630
Ion Ratio Lower Upper
180 100
182 101.5 48.3 144.8
145 24.2 18.0 54.0

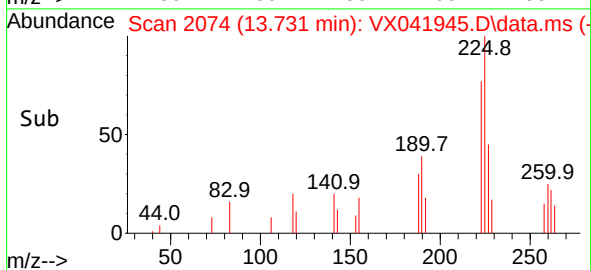
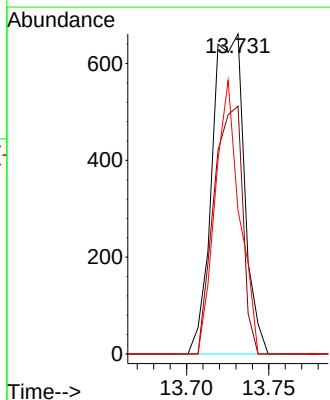
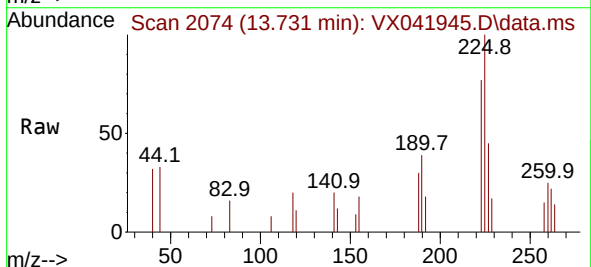
Manual Integrations
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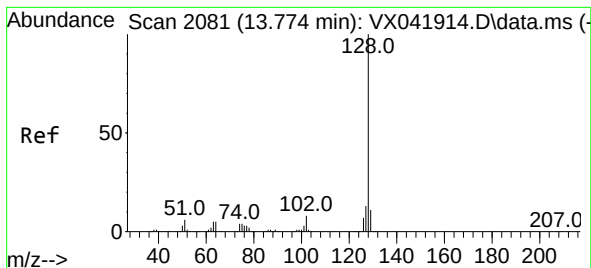
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#94
Hexachlorobutadiene
Concen: 0.748 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX041945.D
Acq: 19 Jun 2024 14:26

Tgt Ion:225 Resp: 893
Ion Ratio Lower Upper
225 100
223 69.5 31.1 93.2
227 65.3 32.5 97.5





#95

Naphthalene

Concen: 0.629 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

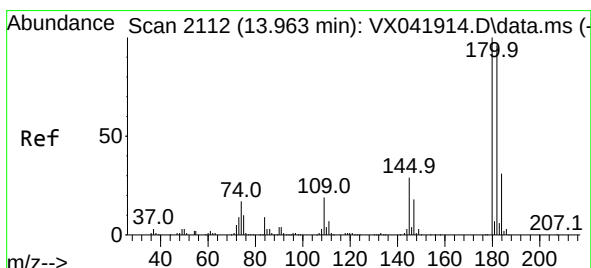
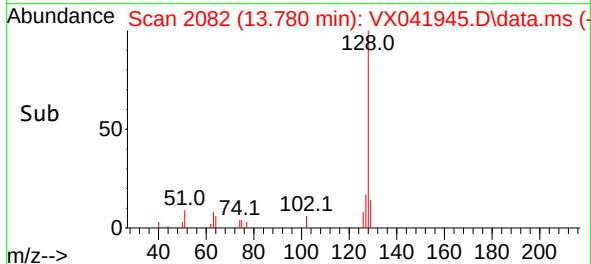
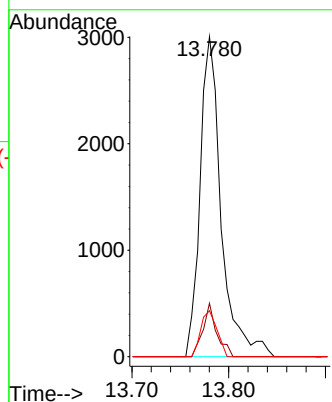
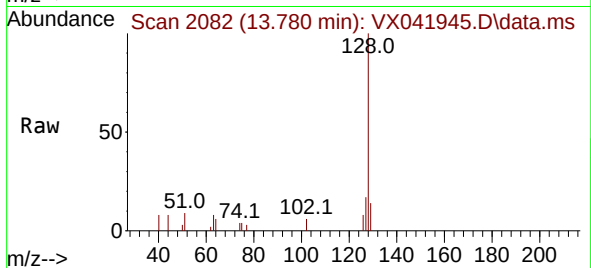
Tgt Ion:128	Resp:	457
Ion Ratio	Lower	Upper
128	100	
127	11.0	10.3 15.5
129	11.1	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.718 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041945.D

Acq: 19 Jun 2024 14:26

Tgt Ion:180	Resp:	1787
Ion Ratio	Lower	Upper
180	100	
182	89.1	46.9 140.6
145	23.4	17.8 53.5

