

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041541.D
 Acq On : 15 May 2024 15:57
 Operator : JC/MD
 Sample : P2403-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 16 05:26:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Bromochloromethane	4.898	128	30220	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	161343	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148697	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	69114	29.042	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.800%	
60) 4-Bromofluorobenzene	11.079	95	59097	25.459	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	84.867%	
63) Toluene-d8	8.647	98	189921	29.796	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	3935	2.490	ug/l	84
3) Chloromethane	1.301	50	4372	2.526	ug/l	94
4) Vinyl Chloride	1.374	62	4055	2.225	ug/l #	89
5) Bromomethane	1.599	94	3211	2.770	ug/l	89
6) Chloroethane	1.666	64	2534	2.750	ug/l #	85
7) Trichlorofluoromethane	1.868	101	6856	2.479	ug/l	92
8) Diethyl Ether	2.136	74	2402	2.325	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	3460	2.157	ug/l	96
10) 1,1-Dichloroethene	2.313	96	3329	2.153	ug/l	89
11) Methyl Iodide	2.441	142	3053	1.658	ug/l	96
12) Methyl Acetate	2.709	43	5242	2.251	ug/l	92
13) Acrolein	2.233	56	2441	8.611	ug/l	89
14) Acrylonitrile	3.069	53	10434	10.192	ug/l	99
15) Acetone	2.386	58	3235	11.793	ug/l	96
16) Carbon Disulfide	2.502	76	6986	2.001	ug/l #	90
17) Allyl chloride	2.660	41	5203	1.896	ug/l	96
18) Methylene Chloride	2.782	84	4215	2.292	ug/l	96
19) trans-1,2-Dichloroethene	3.081	96	3658	2.063	ug/l #	84
20) Diisopropyl ether	3.770	45	13664	2.370	ug/l	99
21) 1,1-Dichloroethane	3.611	63	7493	2.316	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	5024	2.332	ug/l #	51
23) tert-Butyl Alcohol	2.995	59	5514	12.692	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	11706	2.028	ug/l	98
25) Chloroform	5.087	83	8305	2.409	ug/l	92
26) Cyclohexane	5.458	56	6457	2.393	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	5136	2.406	ug/l	97
30) 2-Butanone	4.574	43	18500	13.059	ug/l #	83
31) 2,2-Dichloropropane	4.471	77	5995	2.393	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	6991	2.441	ug/l #	43
33) Carbon Tetrachloride	5.666	117	5338m	2.178	ug/l	
34) Benzene	6.038	78	16482	2.445	ug/l	98
35) Methacrylonitrile	4.928	41	3219	2.253	ug/l	86
36) 1,2-Dichloroethane	6.086	62	6418	2.552	ug/l #	88
37) Trichloroethene	7.129	130	4556	2.426	ug/l	99
38) Methylcyclohexane	7.373	83	6675	2.463	ug/l	100
39) 1,2-Dichloropropane	7.434	63	3855	2.419	ug/l	99
40) Dibromomethane	7.586	93	3135	2.500	ug/l	99
41) Bromodichloromethane	7.824	83	5082	2.159	ug/l #	88
42) Vinyl Acetate	3.721	43	57737	11.747	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	6881m	2.517	ug/l	
44) Isopropyl Acetate	6.355	43	9764	2.363	ug/l #	75
45) 1,4-Dioxane	7.678	88	2189m	46.977	ug/l	
46) Methyl methacrylate	7.702	41	4581	2.228	ug/l	96
47) n-amyl Acetate	10.848	43	6795	1.813	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	4900	2.073	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	5522	2.156	ug/l	98
50) 1,1,2-Trichloroethane	9.159	97	4317	2.475	ug/l	88
51) Ethyl methacrylate	9.122	69	5794	2.063	ug/l	98
52) 1,3-Dichloropropane	9.311	76	7140	2.477	ug/l	99
53) Dibromochloromethane	9.519	129	4082	2.057	ug/l	99
54) 1,2-Dibromoethane	9.610	107	4557	2.463	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	15207	11.096	ug/l	98
56) Bromoform	10.799	173	3104	1.952	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	34280	12.617	ug/l	99
59) 2-Hexanone	9.433	43	26711	12.341	ug/l	97
61) Tetrachloroethene	9.275	164	4619	2.539	ug/l #	87
62) Toluene	8.720	91	18282	2.471	ug/l	98
64) Chlorobenzene	10.080	112	12744	2.536	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	4263	2.397	ug/l	98
66) Ethyl Benzene	10.195	91	19230	2.341	ug/l	98
67) m/p-Xylenes	10.299	106	14968	4.659	ug/l	97
68) o-Xylene	10.640	106	7997	2.473	ug/l	93
69) Styrene	10.659	104	11619	2.143	ug/l	98
70) Isopropylbenzene	10.964	105	16140	1.975	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	6926	2.467	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	6064m	2.395	ug/l	
73) Bromobenzene	11.201	156	5489	2.286	ug/l	97
74) n-propylbenzene	11.305	91	19890	2.159	ug/l	99
75) 2-Chlorotoluene	11.366	91	14202	2.454	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	15383	2.205	ug/l	97
77) t-1,4-Dichloro-2-butene	11.025	75	1122	1.410	ug/l	89
78) 4-Chlorotoluene	11.457	91	14585	2.213	ug/l	100
79) tert-butylbenzene	11.713	119	16798	2.263	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	14820	2.120	ug/l	96
81) sec-Butylbenzene	11.890	105	18170	2.095	ug/l	99
82) p-Isopropyltoluene	12.006	119	15717	2.070	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	9977	2.317	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	9932	2.283	ug/l	97
85) n-Butylbenzene	12.335	91	11123	1.820	ug/l	98
86) Hexachloroethane	12.536	117	2319	1.814	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	10604	2.413	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1254	2.034	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	5941	2.012	ug/l	97
90) Hexachlorobutadiene	13.725	225	3330	2.311	ug/l	100
91) Naphthalene	13.774	128	17858	2.023	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	6538	2.167	ug/l	99

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

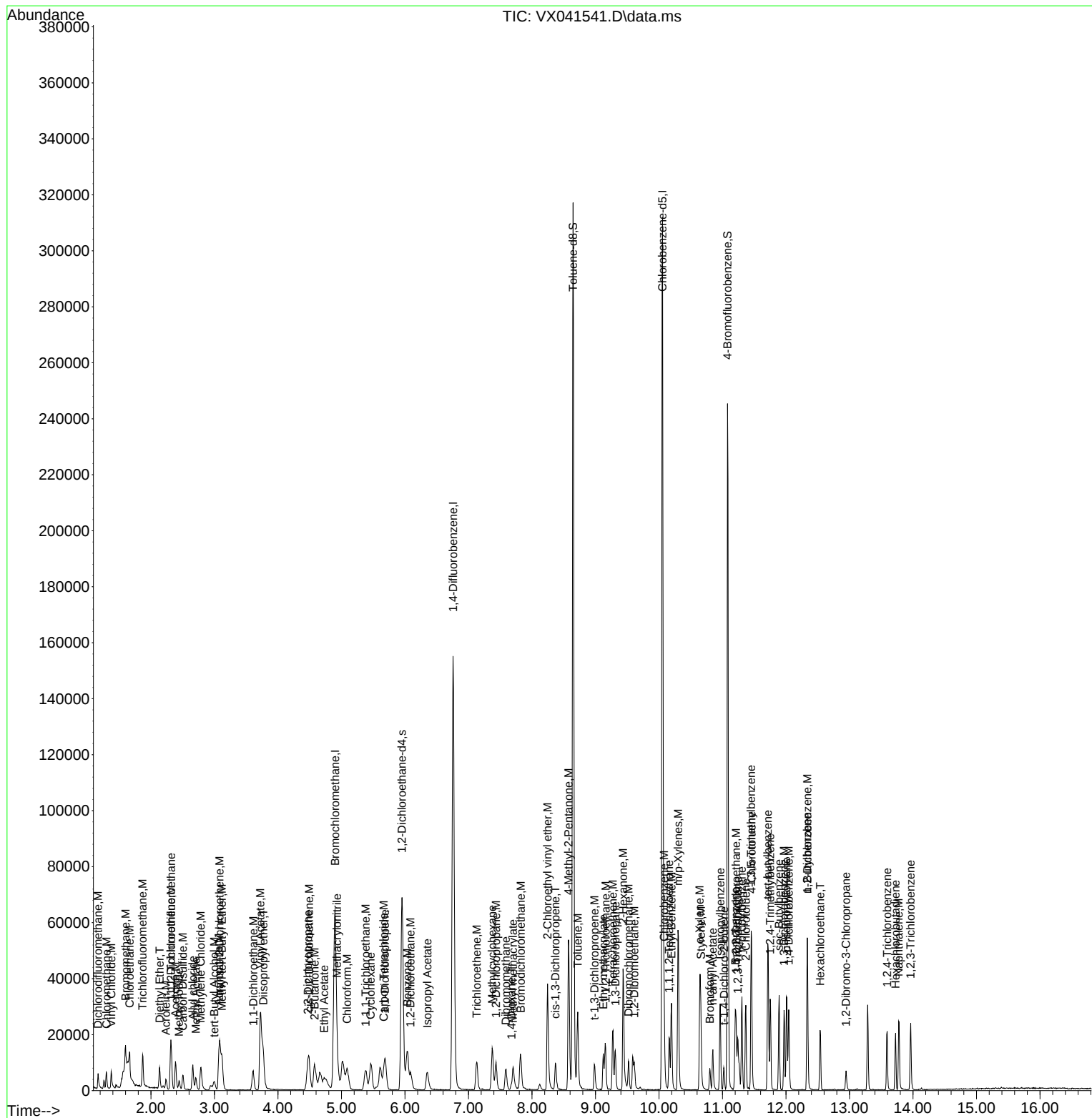
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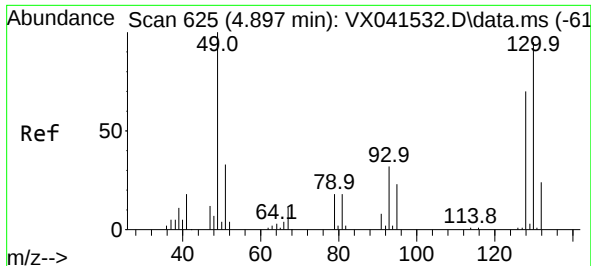
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MSVOA_X
ClientSampleId :
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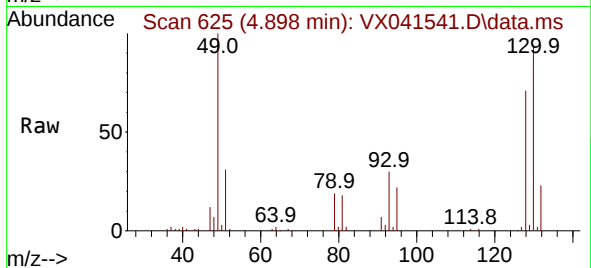
Reviewed By : John Carlone 05/16/2024
Supervised By : Mahesh Dadoda 05/16/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

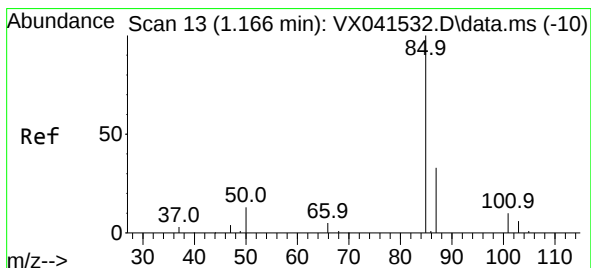
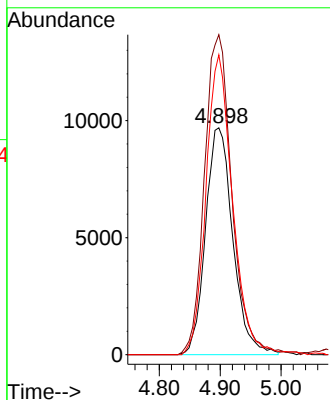
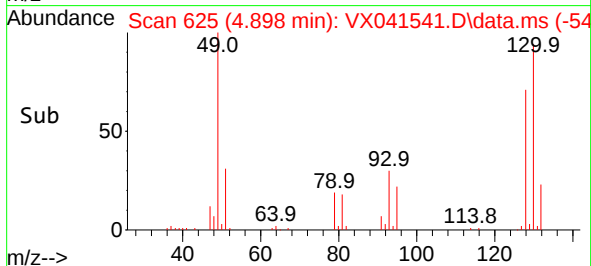
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 30220
Ion Ratio Lower Upper
128 100
49 141.0 0.0 361.5
130 127.1 0.0 324.3

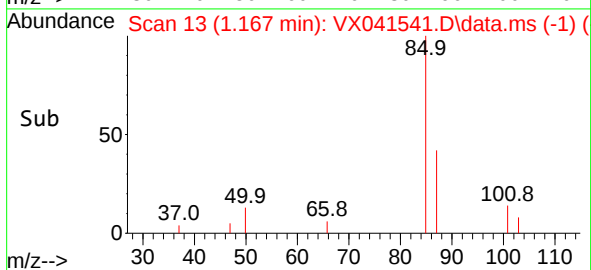
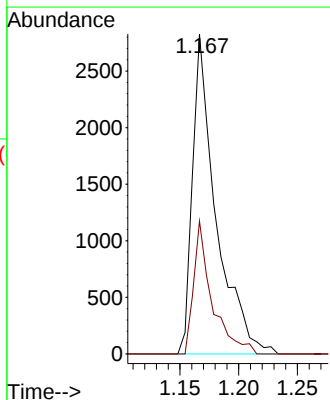
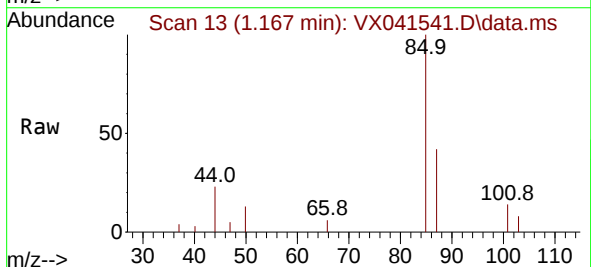
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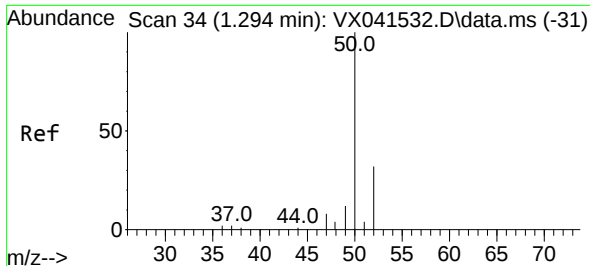
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 2.490 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 85 Resp: 3935
Ion Ratio Lower Upper
85 100
87 41.5 16.4 49.1





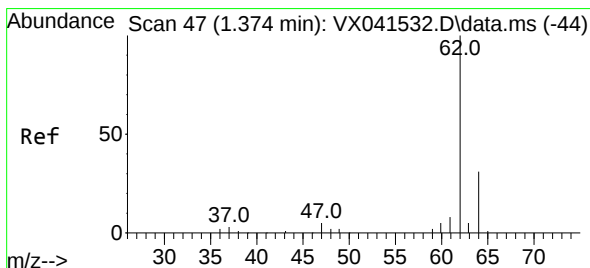
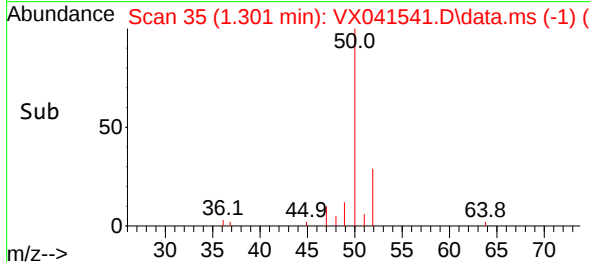
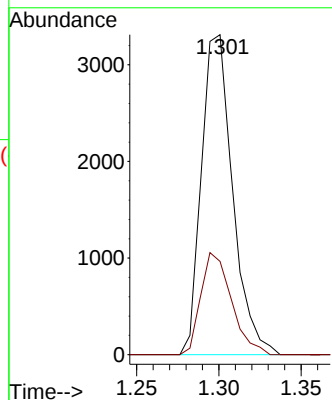
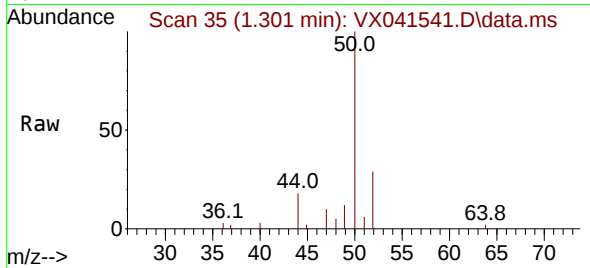
#3
Chloromethane
Concen: 2.526 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion: 50 Resp: 4372
Ion Ratio Lower Upper
50 100
52 29.1 25.8 38.8

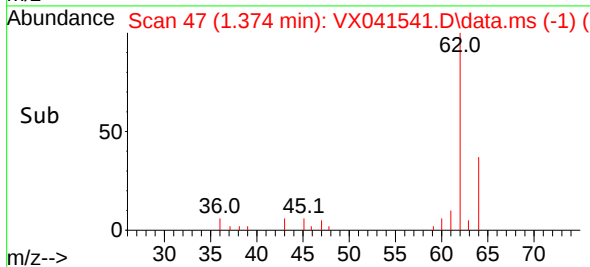
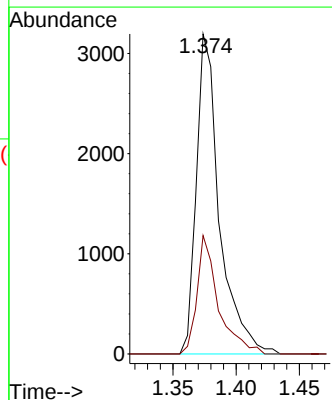
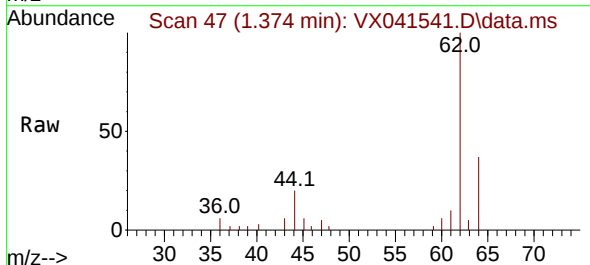
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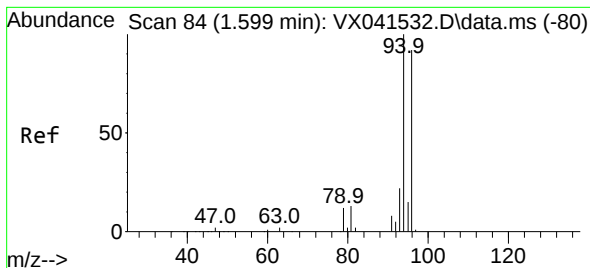
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 2.225 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 62 Resp: 4055
Ion Ratio Lower Upper
62 100
64 37.0 24.6 37.0#





#5

Bromomethane

Concen: 2.770 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

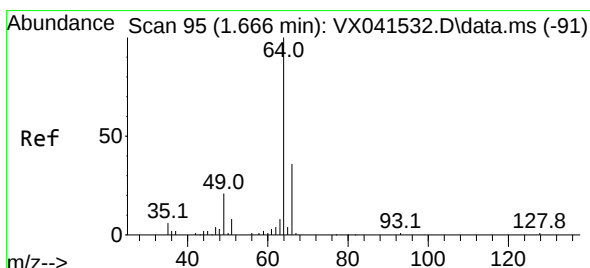
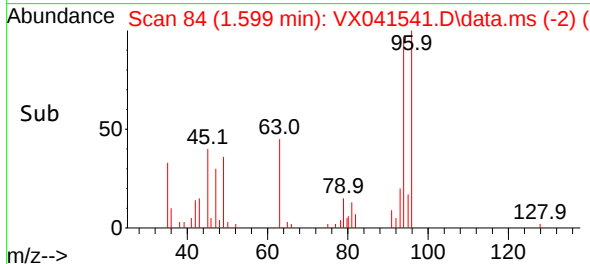
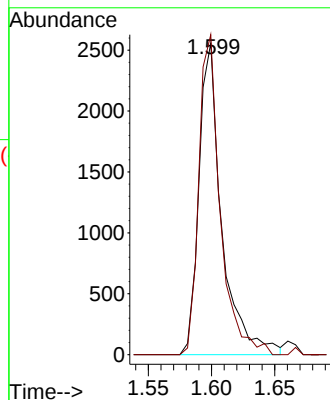
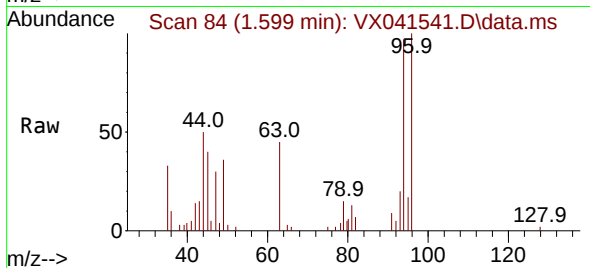
Tgt Ion: 94 Resp: 321
 Ion Ratio Lower Upper
 94 100
 96 102.7 73.9 110.9

Manual Integrations

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Supervised By :Mahesh Dadoda 05/16/2024



#6

Chloroethane

Concen: 2.750 ug/l

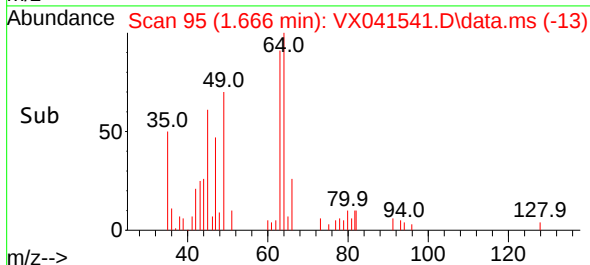
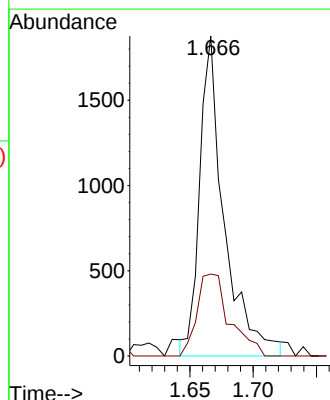
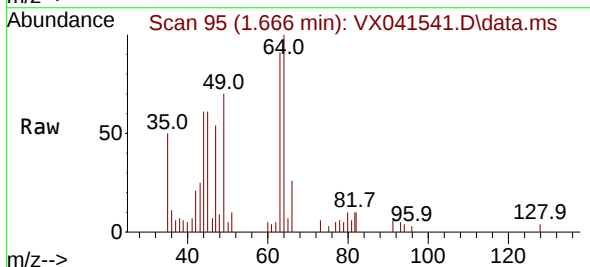
RT: 1.666 min Scan# 95

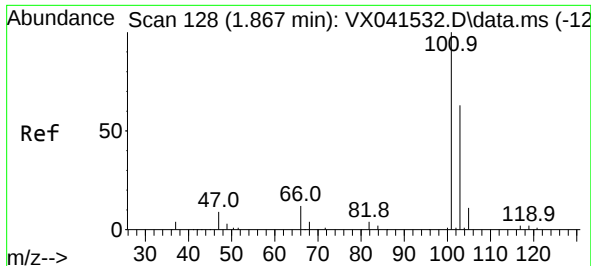
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Lab File: VX041541.D

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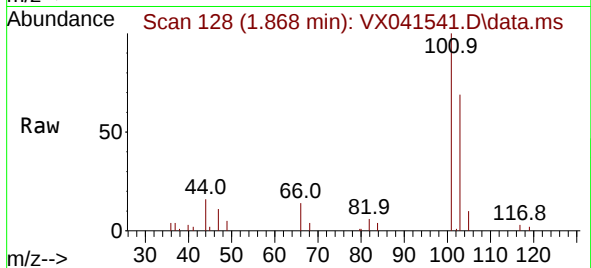
Tgt Ion: 64 Resp: 2534
 Ion Ratio Lower Upper
 64 100
 66 26.8 28.6 42.8





#7
Trichlorofluoromethane
Concen: 2.479 ug/l
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
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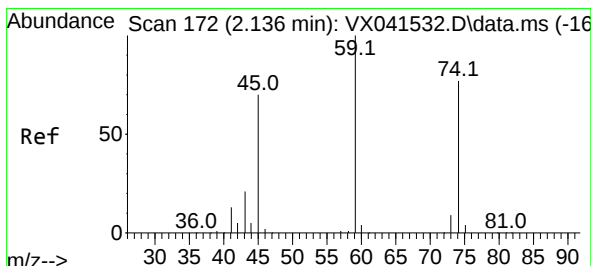
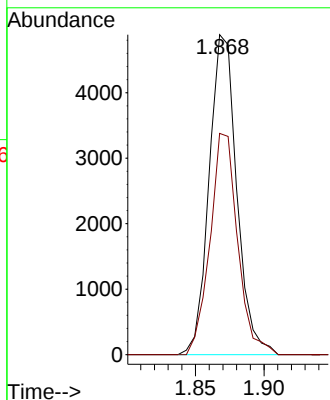
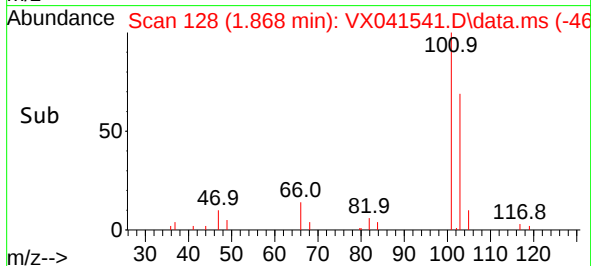
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:101 Resp: 6850
Ion Ratio Lower Upper
101 100
103 69.2 50.1 75.1

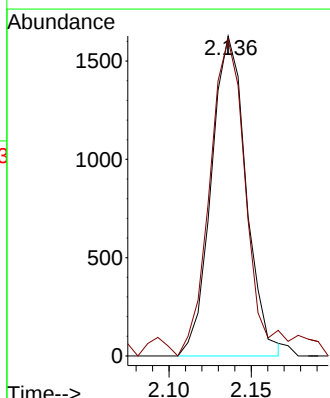
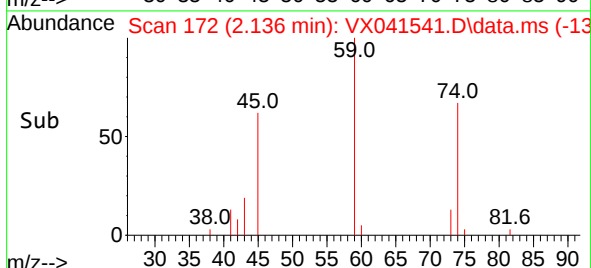
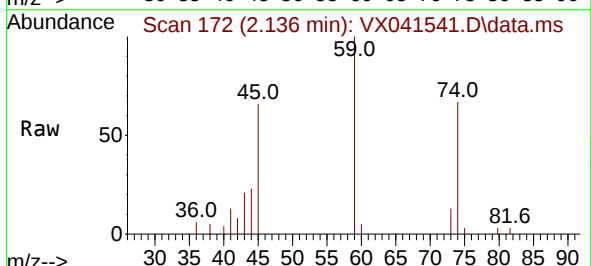
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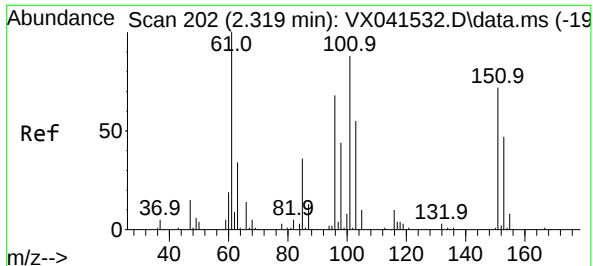
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#8
Diethyl Ether
Concen: 2.325 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Acq: 15 May 2024 15:57

Tgt Ion: 74 Resp: 2402
Ion Ratio Lower Upper
74 100
45 102.7 18.6 167.4





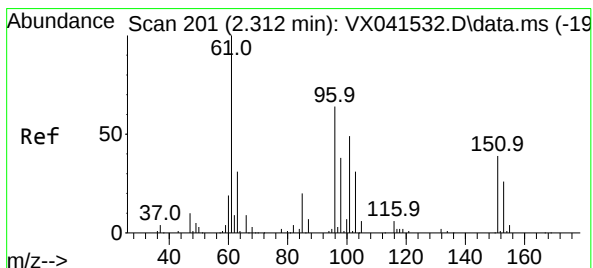
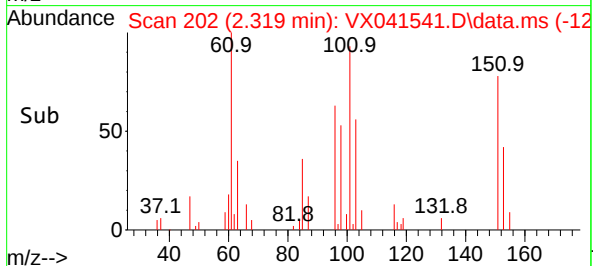
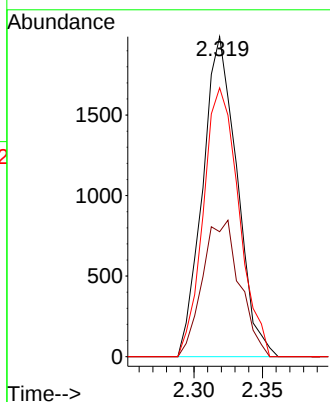
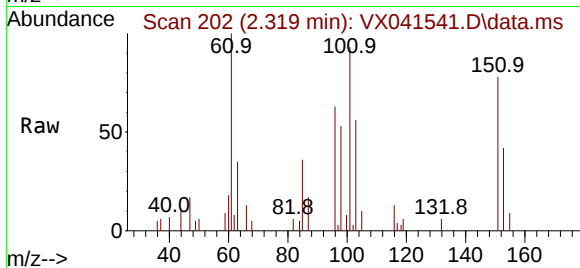
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.157 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion:101 Resp: 3460
Ion Ratio Lower Upper
101 100
85 46.3 0.0 84.6
151 87.2 0.0 170.2

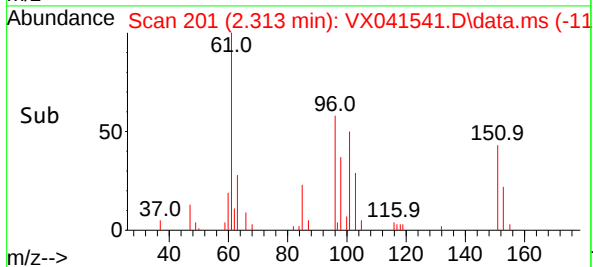
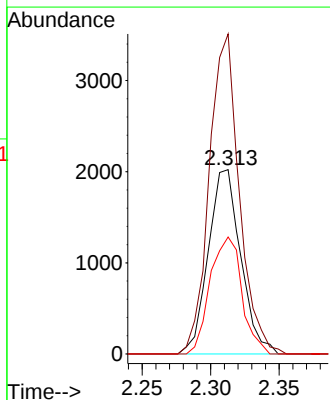
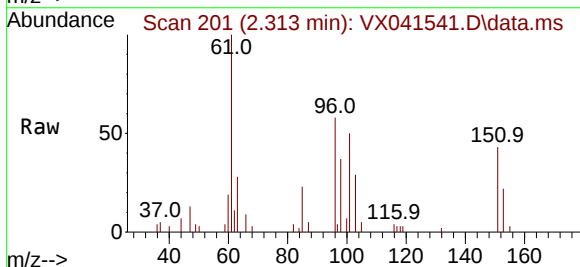
Manual Integrations
APPROVED

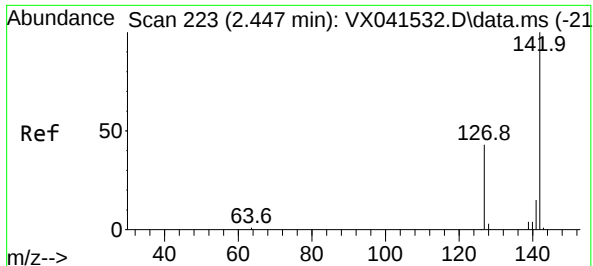
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
1,1-Dichloroethene
Concen: 2.153 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 96 Resp: 3329
Ion Ratio Lower Upper
96 100
61 173.6 124.5 186.7
98 63.5 47.9 71.9





#11

Methyl Iodide

Concen: 1.658 ug/l

RT: 2.441 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

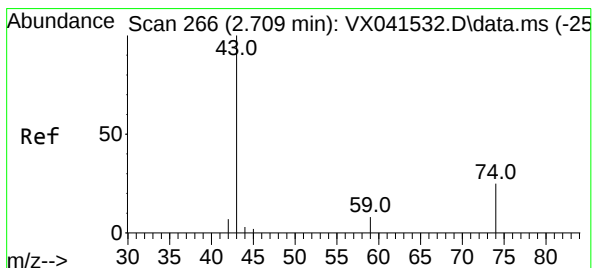
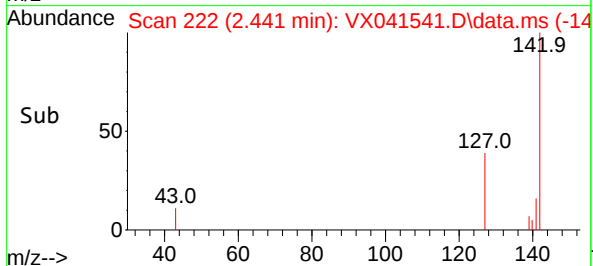
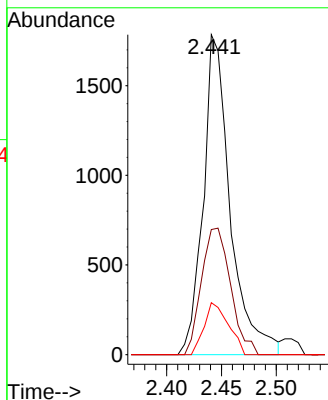
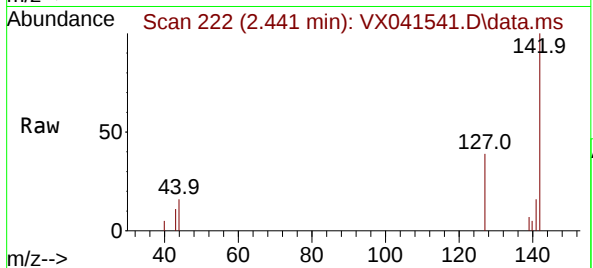
Tgt Ion:	142	Resp:	305
Ion	Ratio	Lower	Upper
142	100		
127	39.9	21.4	64.2
141	16.6	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#12

Methyl Acetate

Concen: 2.251 ug/l

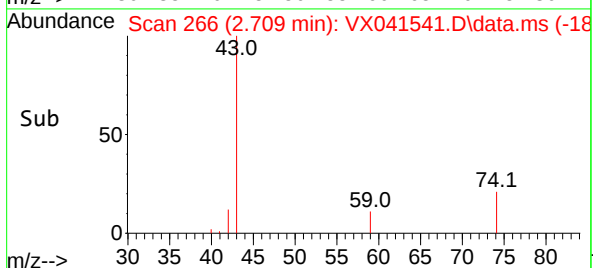
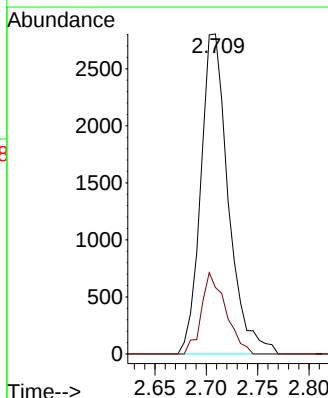
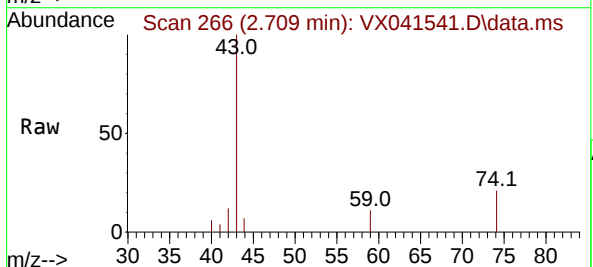
RT: 2.709 min Scan# 266

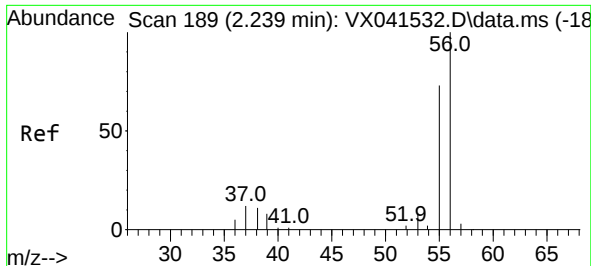
Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Tgt Ion:	43	Resp:	5242
Ion	Ratio	Lower	Upper
43	100		
74	20.7	19.9	29.9





#13

Acrolein

Concen: 8.611 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 56 Resp: 244

Ion Ratio Lower Upper

56 100

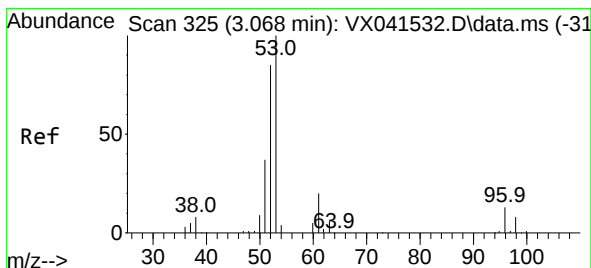
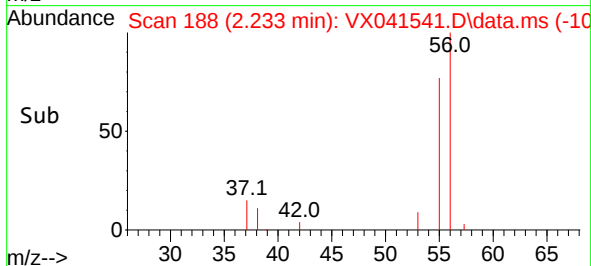
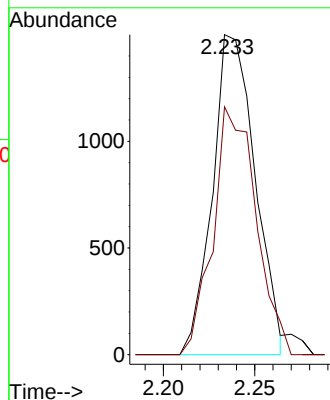
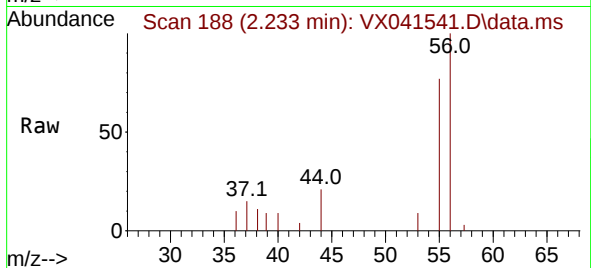
55 77.7 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#14

Acrylonitrile

Concen: 10.192 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

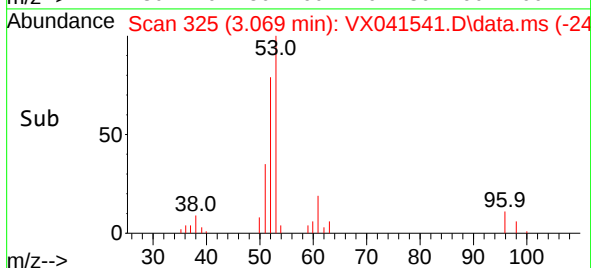
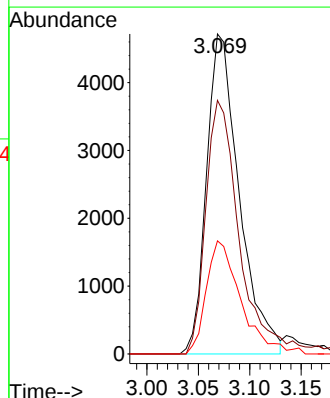
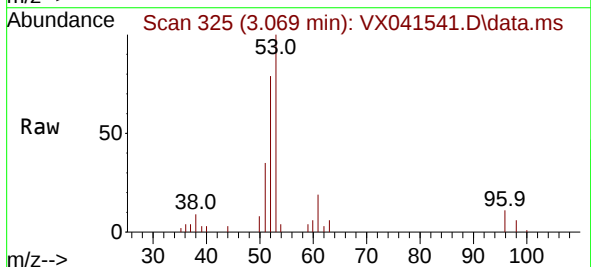
Tgt Ion: 53 Resp: 10434

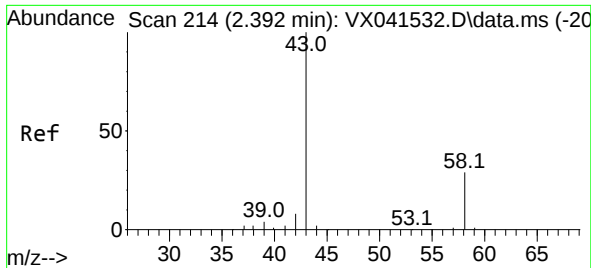
Ion Ratio Lower Upper

53 100

52 81.4 41.3 123.7

51 35.5 18.4 55.0





#15

Acetone

Concen: 11.793 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 58 Resp: 323

Ion Ratio Lower Upper

58 100

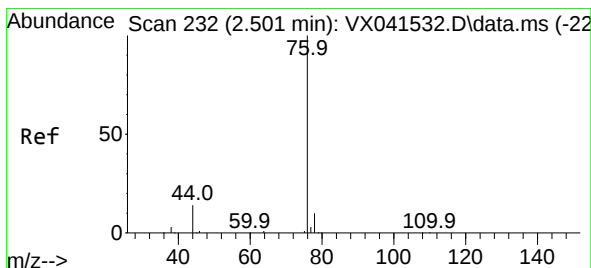
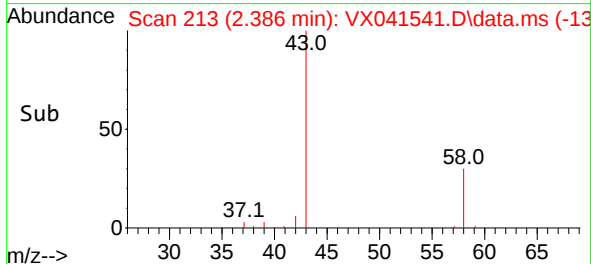
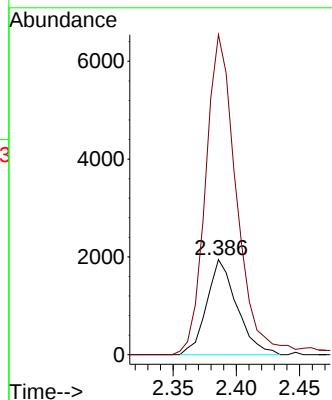
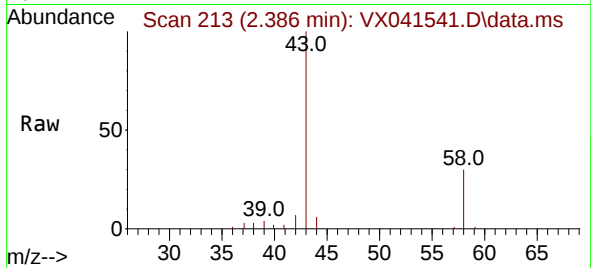
43 332.9 274.0 411.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#16

Carbon Disulfide

Concen: 2.001 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041541.D

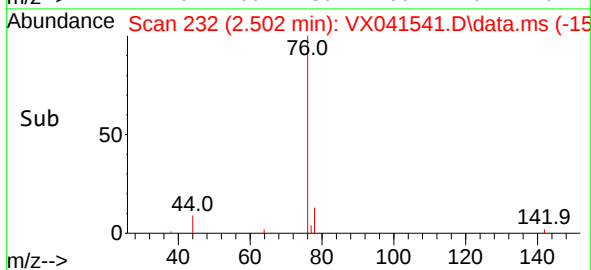
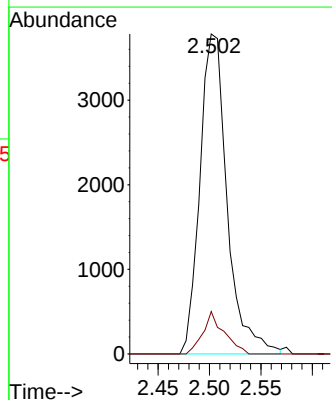
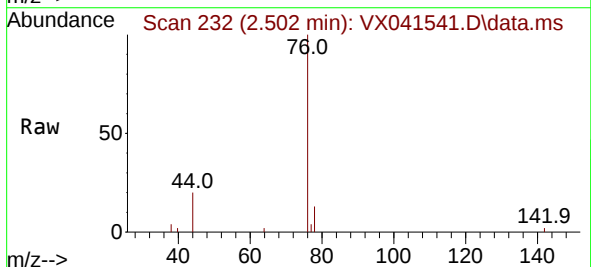
Acq: 15 May 2024 15:57

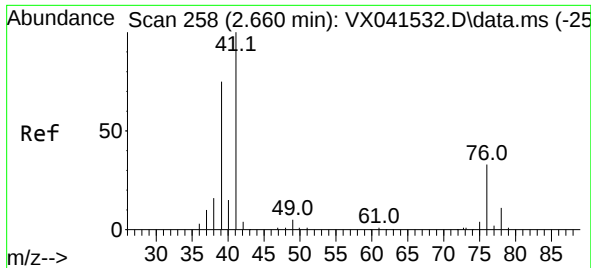
Tgt Ion: 76 Resp: 6986

Ion Ratio Lower Upper

76 100

78 13.2 7.6 11.4





#17

Allyl chloride

Concen: 1.896 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

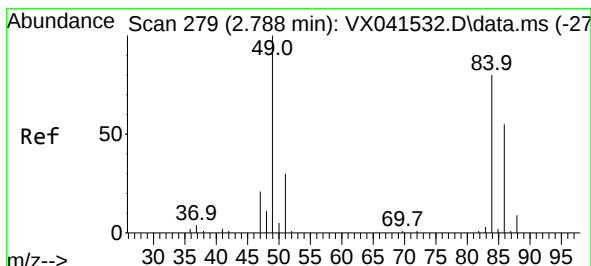
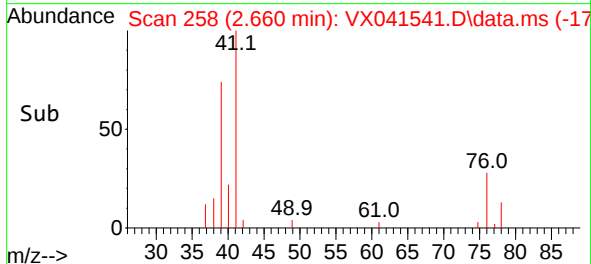
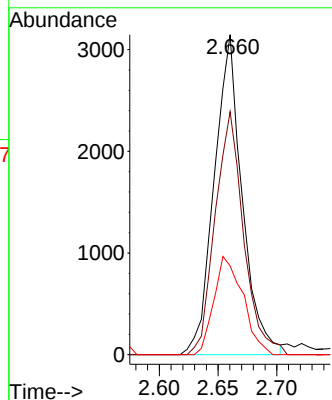
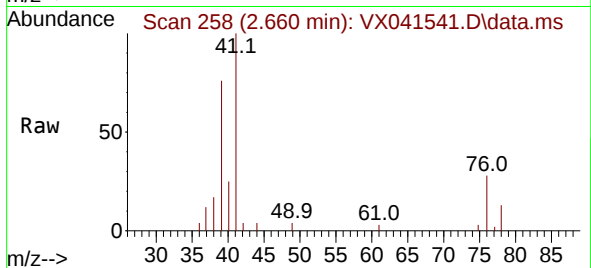
Tgt Ion: 41	Resp: 520
Ion Ratio	Lower Upper
41 100	
39 76.0	37.5 112.7
76 27.8	16.6 49.8

Manual Integrations

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Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#18

Methylene Chloride

Concen: 2.292 ug/l

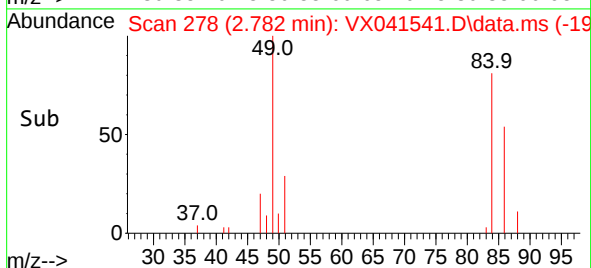
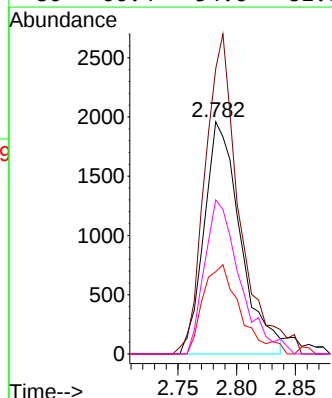
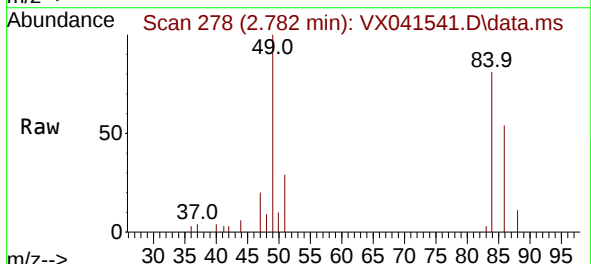
RT: 2.782 min Scan# 278

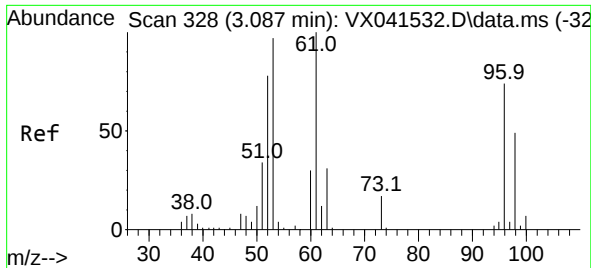
Delta R.T. -0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

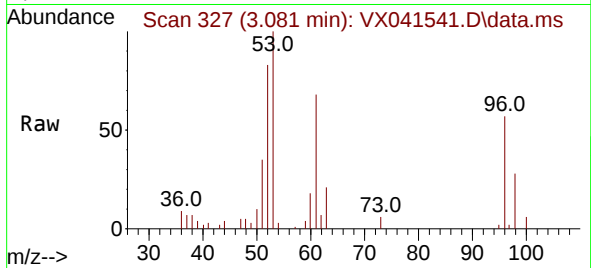
Tgt Ion: 84	Resp: 4215
Ion Ratio	Lower Upper
84 100	
49 120.0	99.8 149.8
51 35.4	30.2 45.4
86 66.4	54.6 81.8





#19
trans-1,2-Dichloroethene
Concen: 2.063 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

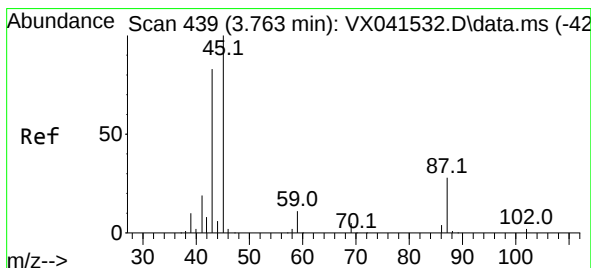
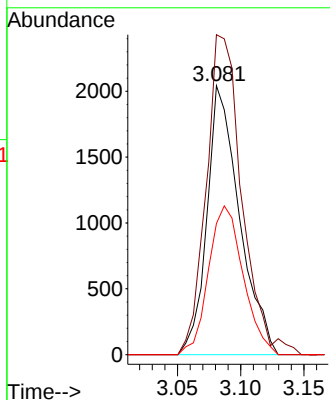
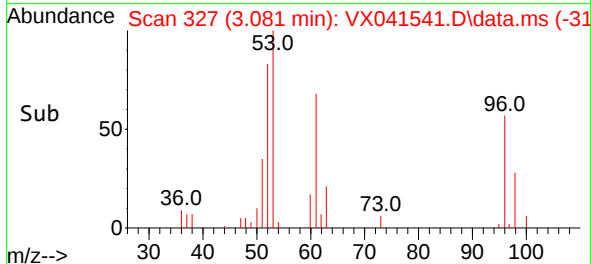
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 96 Resp: 365
Ion Ratio Lower Upper
96 100
61 118.9 107.7 161.5
98 48.8 53.1 79.7

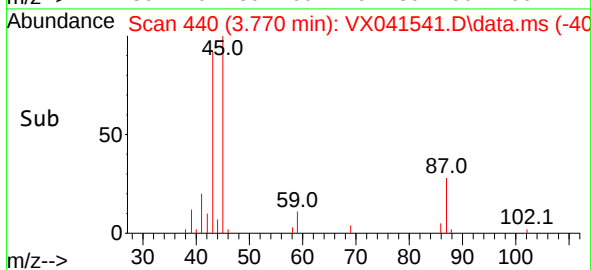
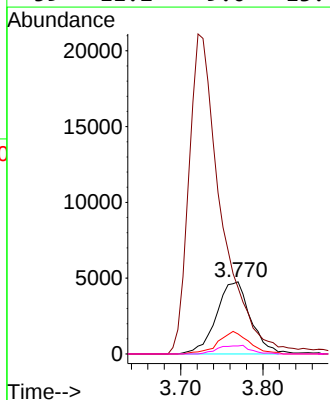
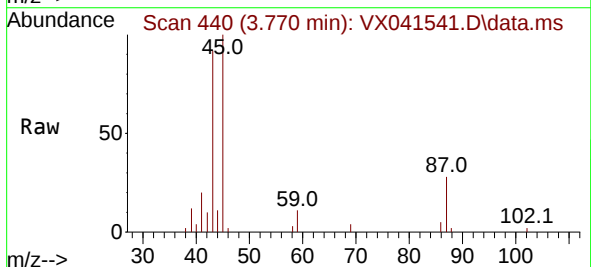
Manual Integrations
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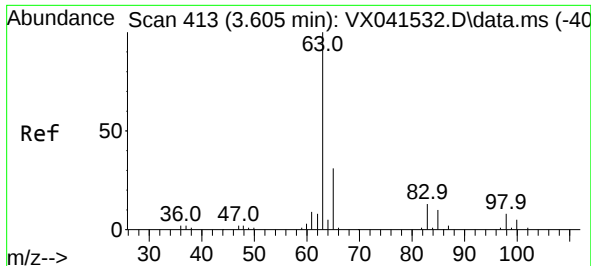
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Diisopropyl ether
Concen: 2.370 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 45 Resp: 13664
Ion Ratio Lower Upper
45 100
43 82.0 66.7 100.1
87 27.8 22.4 33.6
59 11.2 9.0 13.4





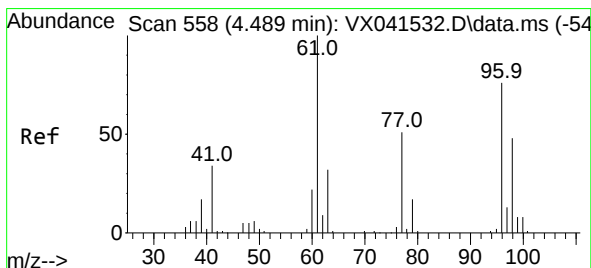
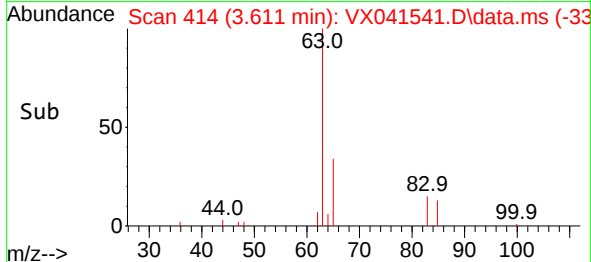
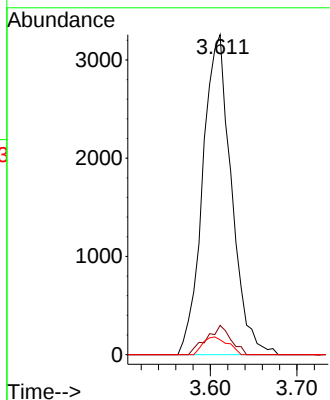
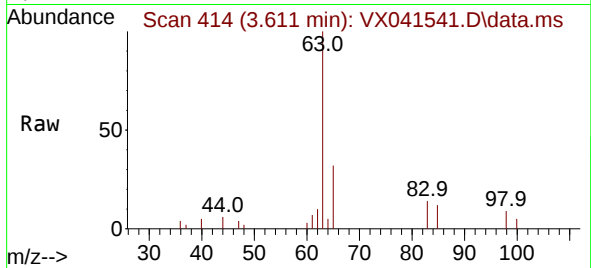
#21
1,1-Dichloroethane
Concen: 2.316 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion: 63 Resp: 749
Ion Ratio Lower Upper
63 100
98 9.1 3.8 11.4
100 4.6 2.5 7.4

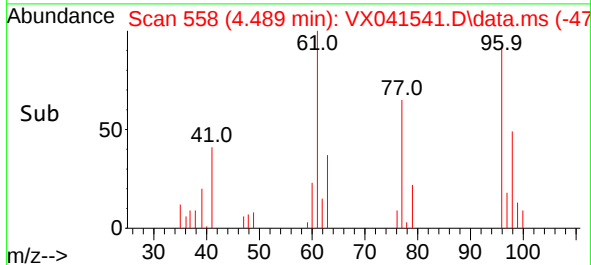
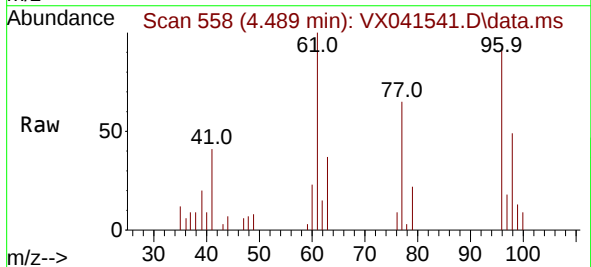
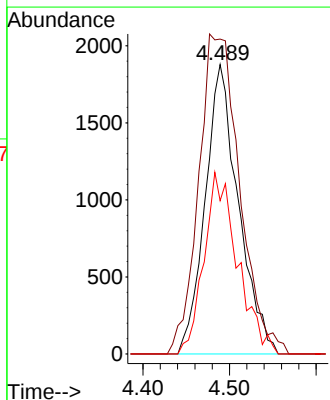
Manual Integrations
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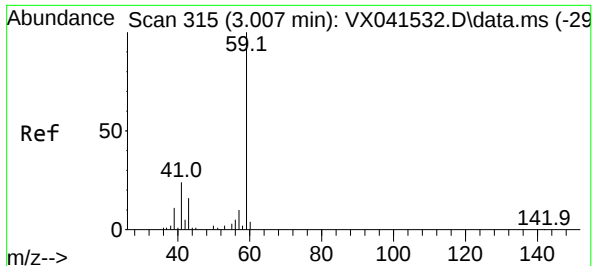
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#22
cis-1,2-Dichloroethene
Concen: 2.332 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 96 Resp: 5024
Ion Ratio Lower Upper
96 100
61 61.4 114.2 171.4#
98 57.2 52.6 79.0





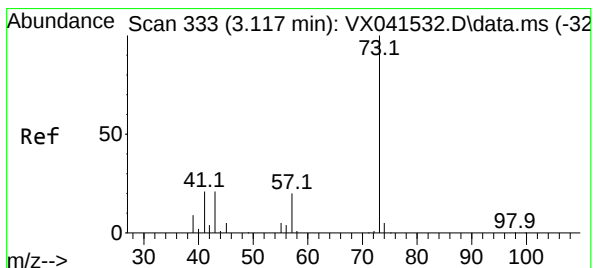
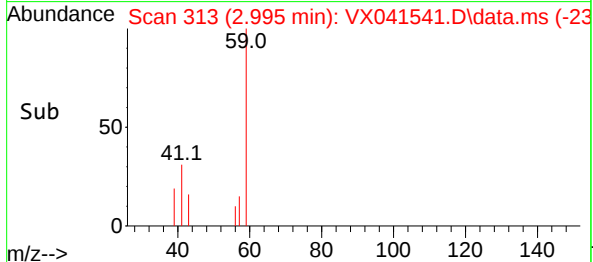
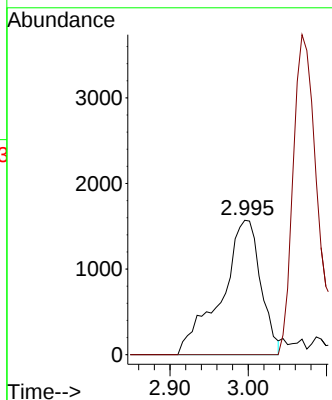
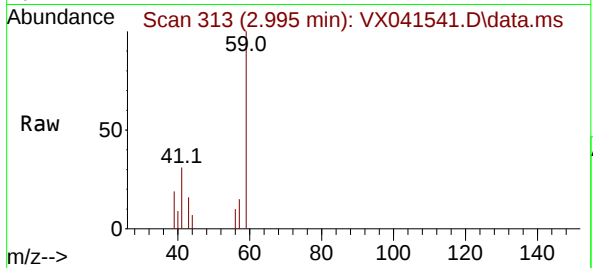
#23
tert-Butyl Alcohol
Concen: 12.692 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion: 59 Resp: 5514
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

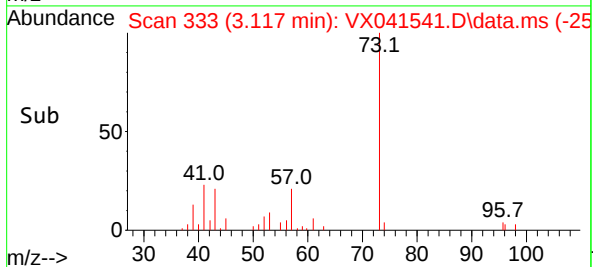
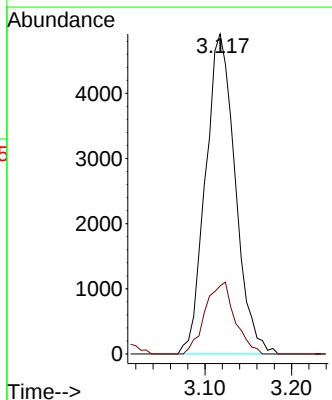
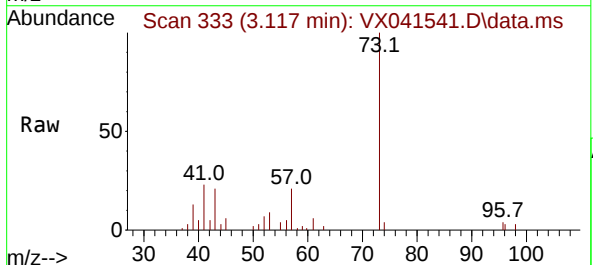
Manual Integrations
APPROVED

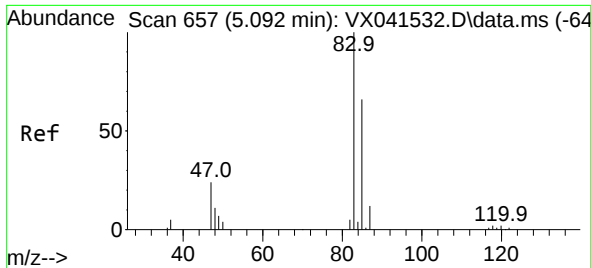
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#24
Methyl tert-Butyl Ether
Concen: 2.028 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 73 Resp: 11706
Ion Ratio Lower Upper
73 100
43 22.4 17.2 25.8





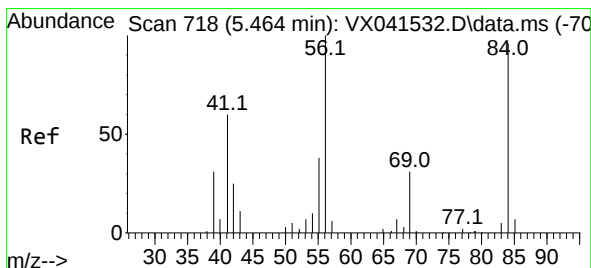
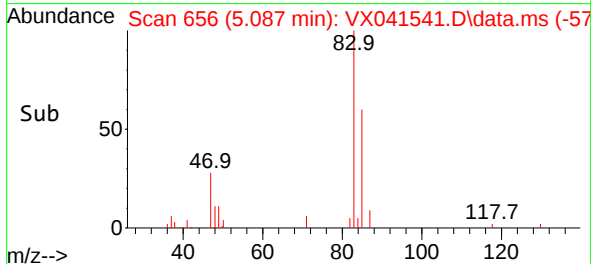
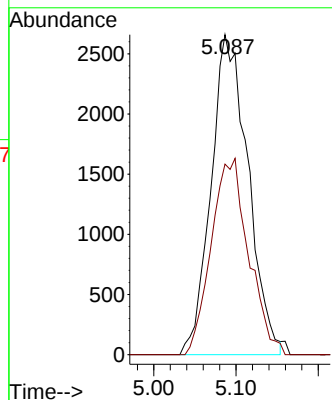
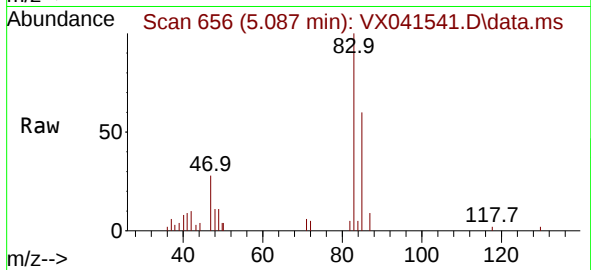
#25
Chloroform
Concen: 2.409 ug/l
RT: 5.087 min Scan# 610
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion: 83 Resp: 830
Ion Ratio Lower Upper
83 100
85 59.5 52.9 79.3

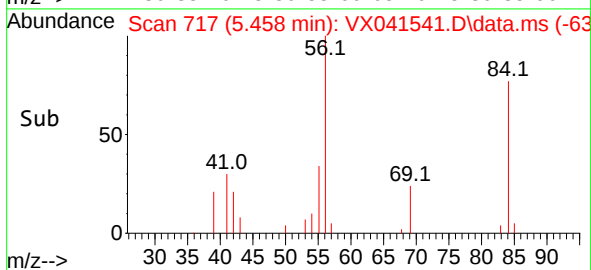
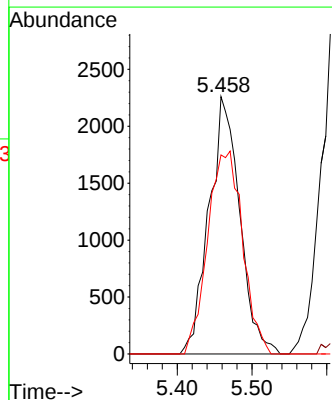
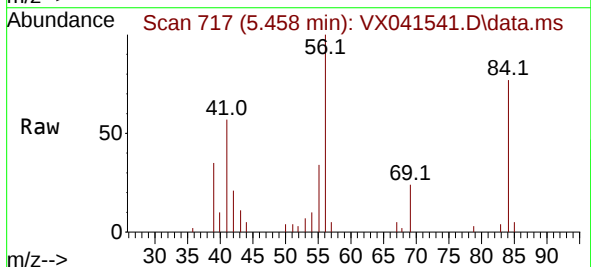
Manual Integrations
APPROVED

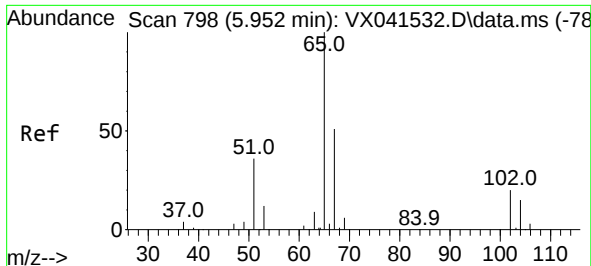
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
Cyclohexane
Concen: 2.393 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 56 Resp: 6457
Ion Ratio Lower Upper
56 100
89 0.8 0.0 0.0#
84 89.4 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 29.042 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 69114

Ion Ratio Lower Upper

65 100

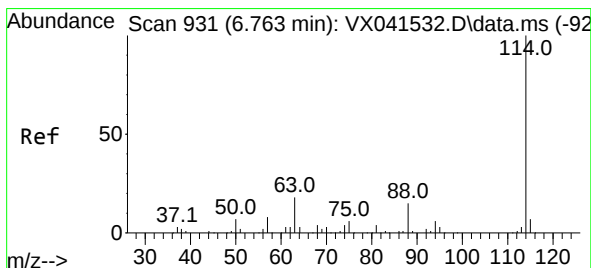
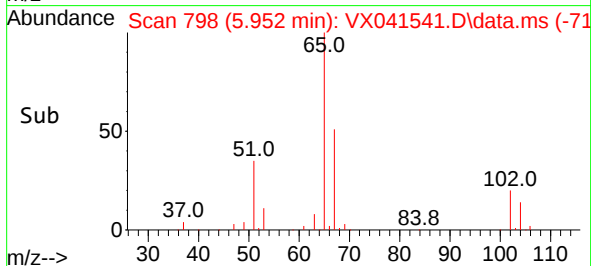
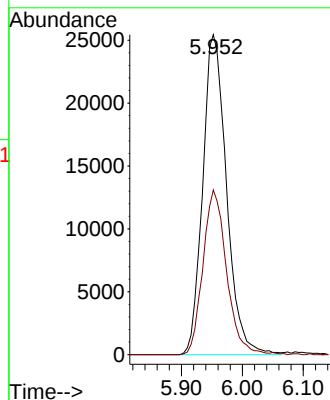
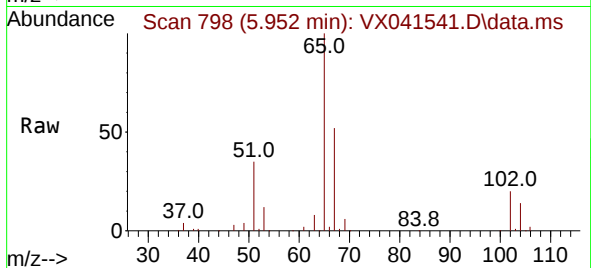
67 50.8 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

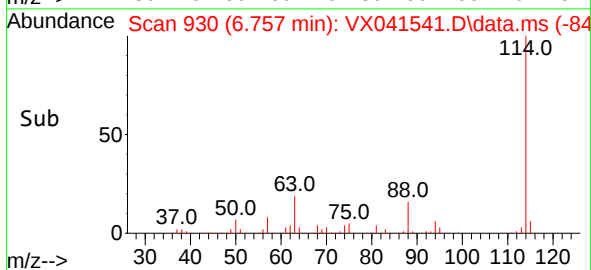
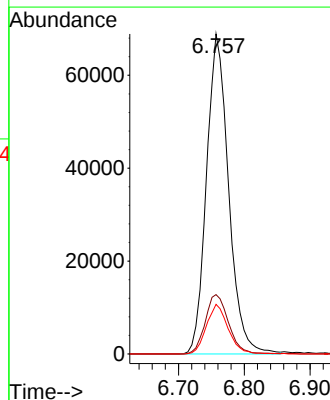
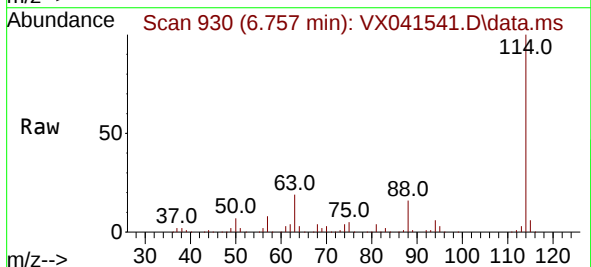
Tgt Ion:114 Resp: 161343

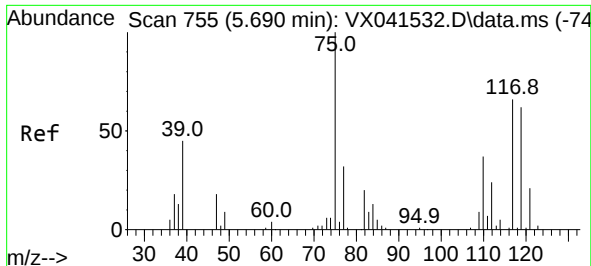
Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 15.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 2.406 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX041541.D

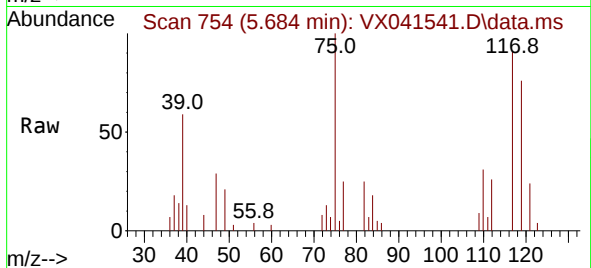
Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



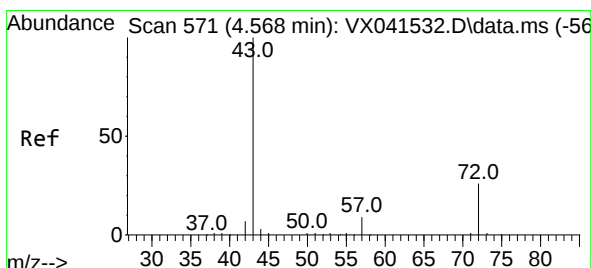
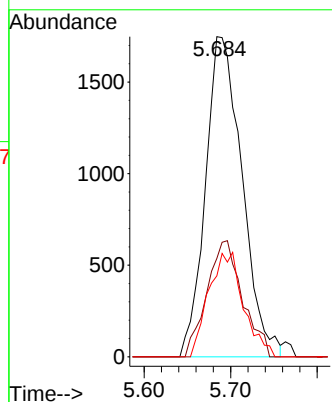
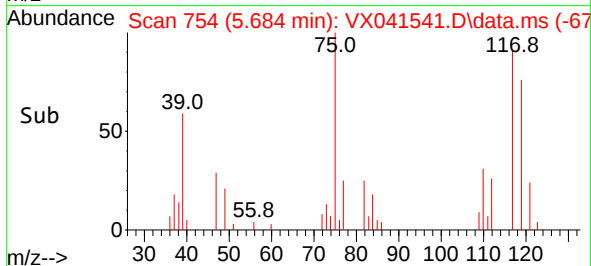
Tgt Ion:	75	Resp:	5130
Ion Ratio	100	Lower	Upper
75	100		
110	34.3	0.0	74.4
77	30.9	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

2-Butanone

Concen: 13.059 ug/l

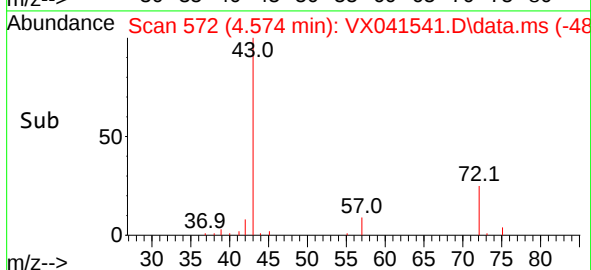
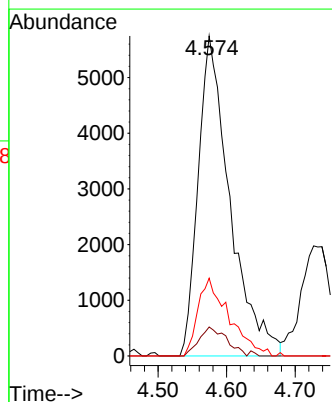
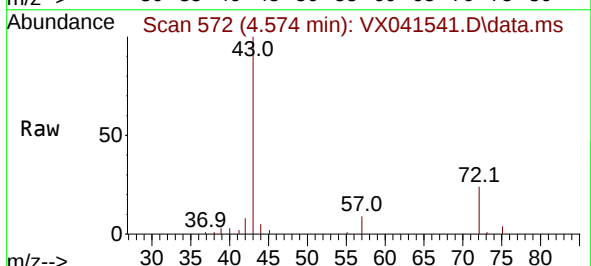
RT: 4.574 min Scan# 572

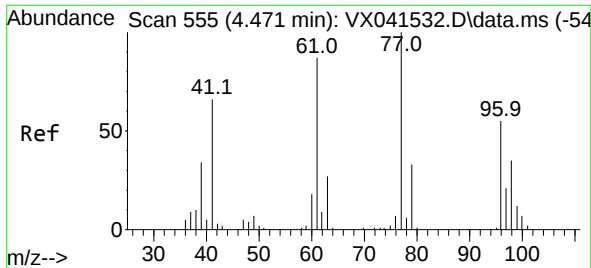
Delta R.T. 0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Tgt Ion:	43	Resp:	18500
Ion Ratio	100	Lower	Upper
43	100		
57	5.1	6.6	10.0#
72	15.9	20.7	31.1#





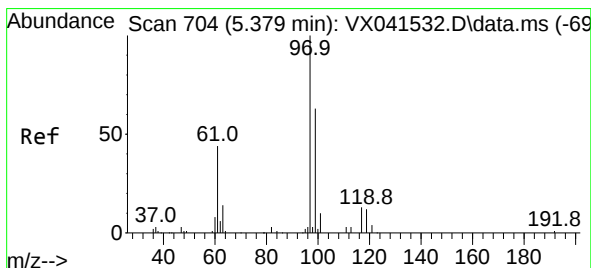
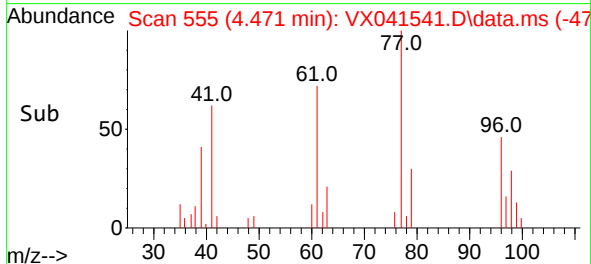
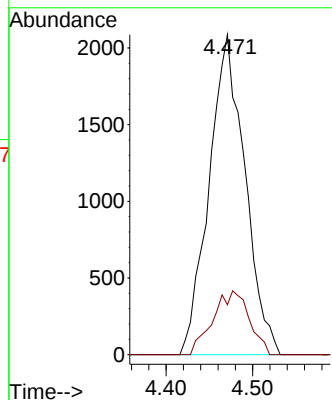
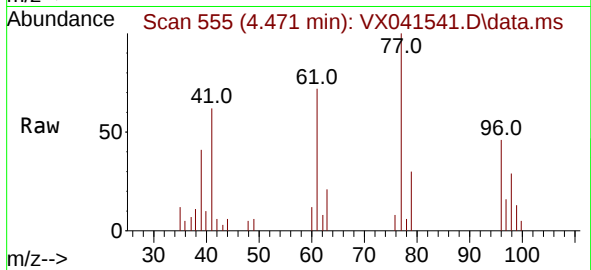
#31
2,2-Dichloropropane
Concen: 2.393 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion: 77 Resp: 599
Ion Ratio Lower Upper
77 100
97 20.2 18.0 27.0

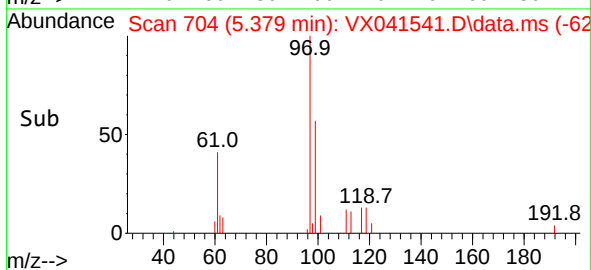
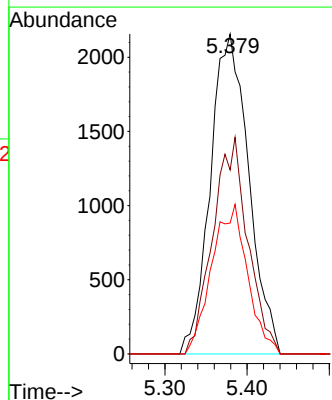
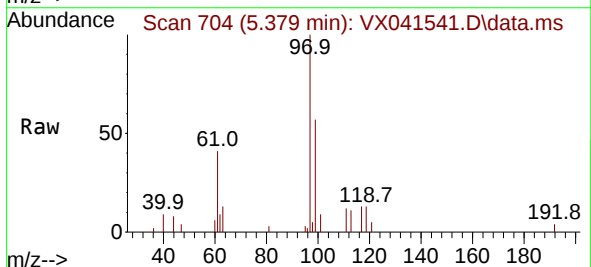
Manual Integrations
APPROVED

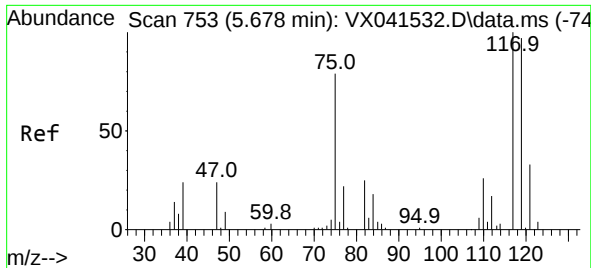
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 2.441 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

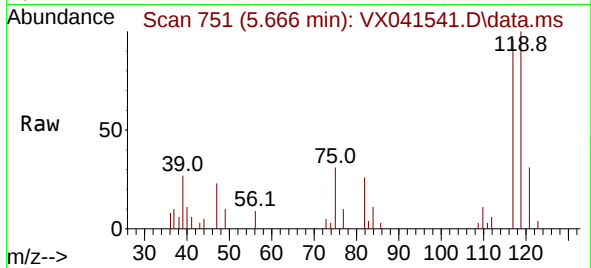
Tgt Ion: 97 Resp: 6991
Ion Ratio Lower Upper
97 100
99 5.2 50.7 76.1#
61 23.6 34.6 51.8#





#33
Carbon Tetrachloride
Concen: 2.178 ug/l m
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

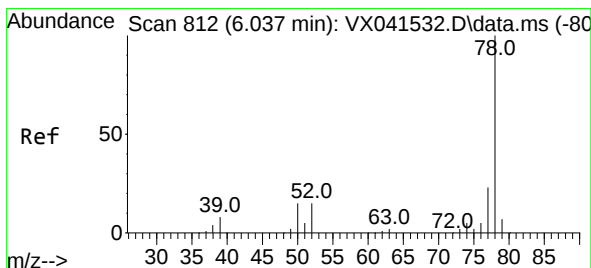
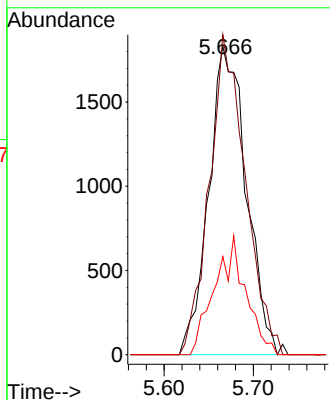
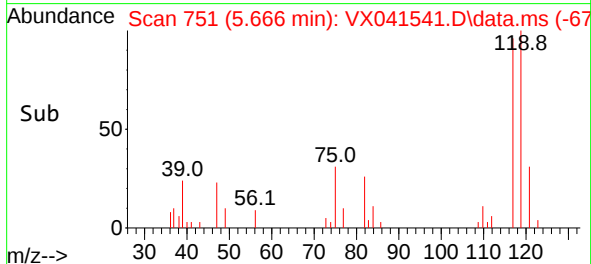
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:117 Resp: 5338
Ion Ratio Lower Upper
117 100
119 103.7 77.4 116.2
121 31.8 26.4 39.6

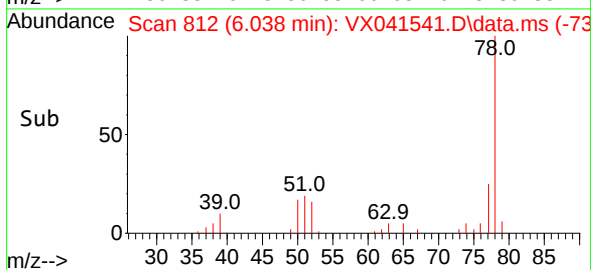
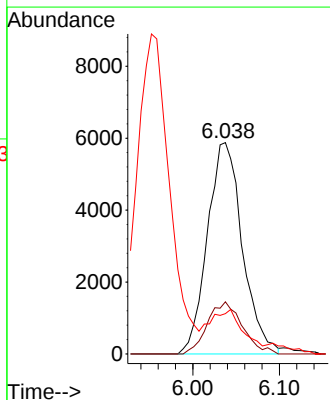
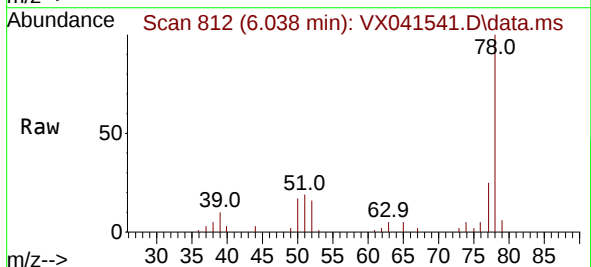
Manual Integrations
APPROVED

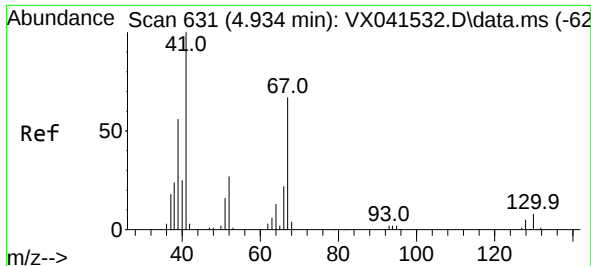
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#34
Benzene
Concen: 2.445 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

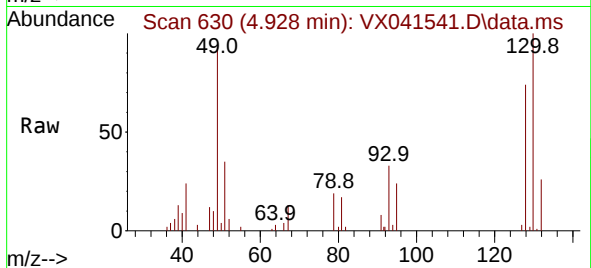
Tgt Ion: 78 Resp: 16482
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0
51 15.3 12.4 18.6





#35
Methacrylonitrile
Concen: 2.253 ug/l
RT: 4.928 min Scan# 631
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

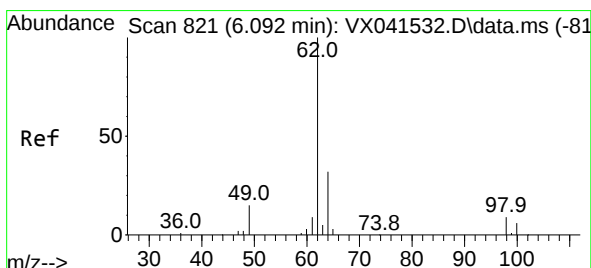
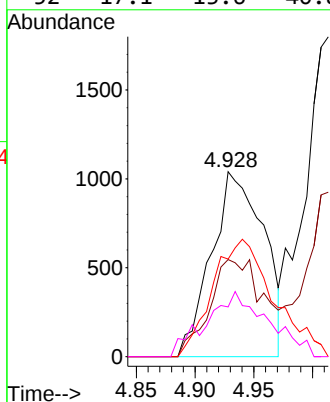
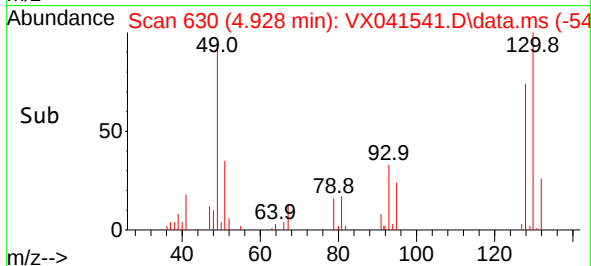
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	41	Resp:	3219
Ion	Ratio	Lower	Upper
41	100		
39	52.5	28.1	84.4
67	52.8	33.7	101.1
52	17.1	13.6	40.8

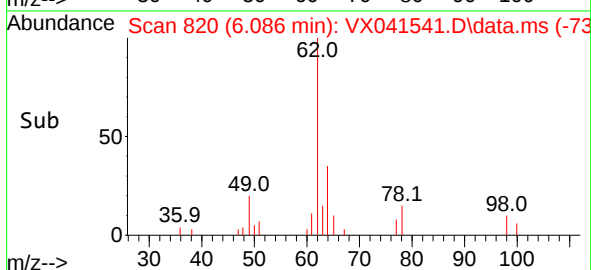
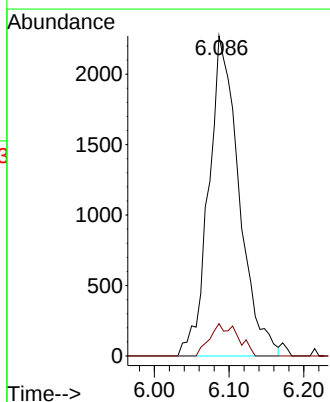
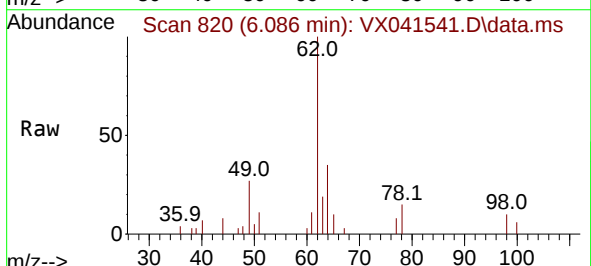
Manual Integrations
APPROVED

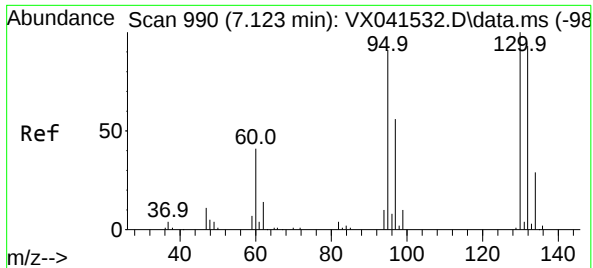
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#36
1,2-Dichloroethane
Concen: 2.552 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion:	62	Resp:	6418
Ion	Ratio	Lower	Upper
62	100		
98	4.9	7.4	11.0#





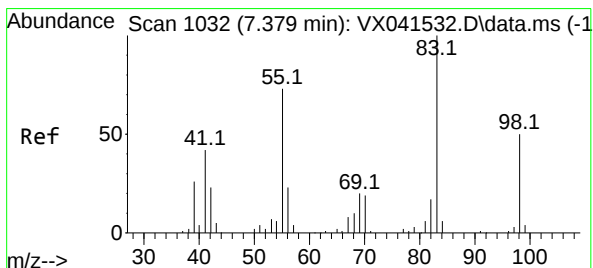
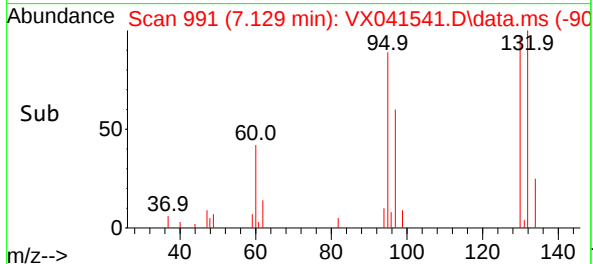
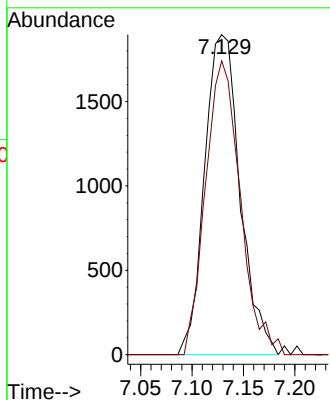
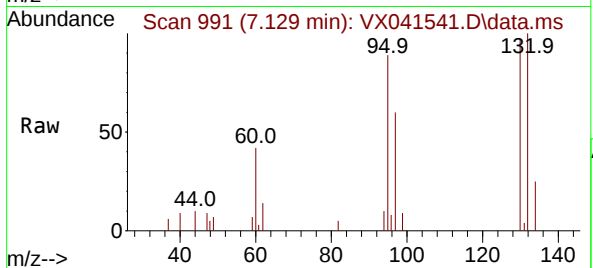
#37
Trichloroethene
Concen: 2.426 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion:130 Resp: 4550
Ion Ratio Lower Upper
130 100
95 91.8 72.6 108.8

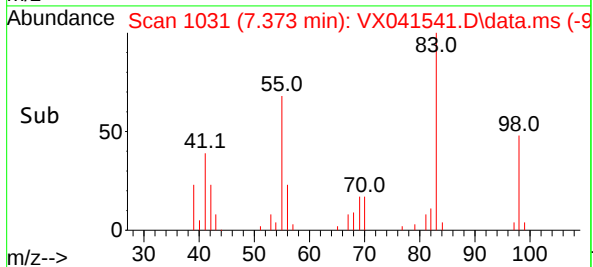
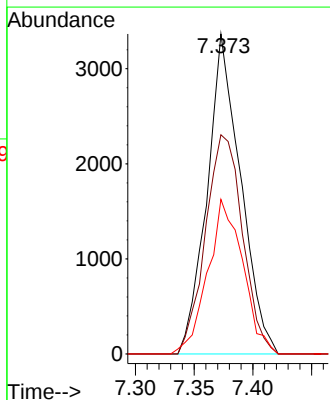
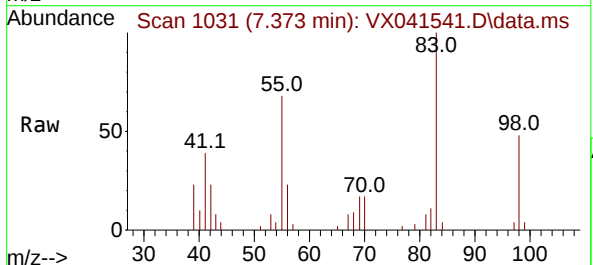
Manual Integrations
APPROVED

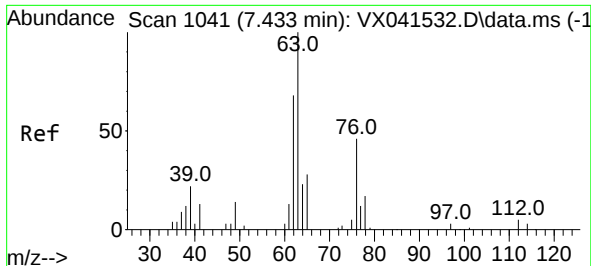
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Methylcyclohexane
Concen: 2.463 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 83 Resp: 6675
Ion Ratio Lower Upper
83 100
55 75.8 37.7 113.1
98 50.5 25.1 75.3





#39

1,2-Dichloropropane

Concen: 2.419 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 385

Ion Ratio Lower Upper

63 100

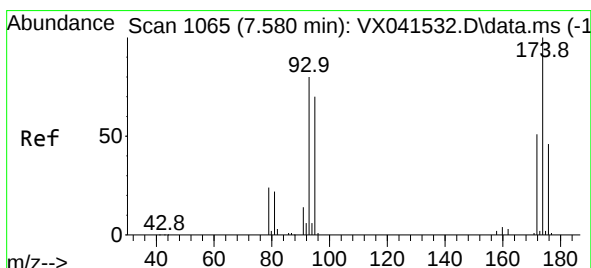
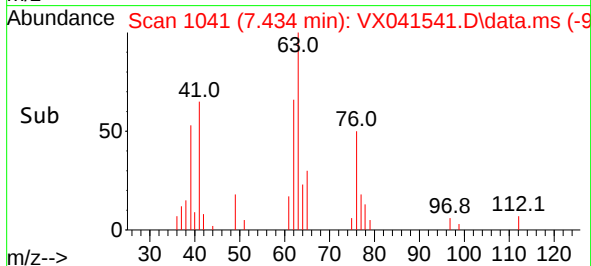
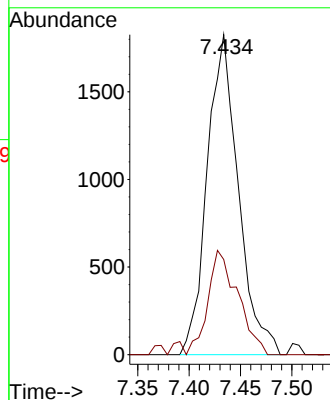
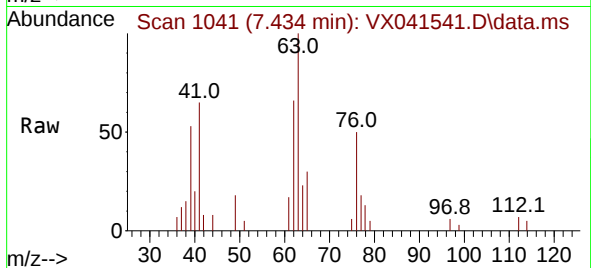
65 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40

Dibromomethane

Concen: 2.500 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

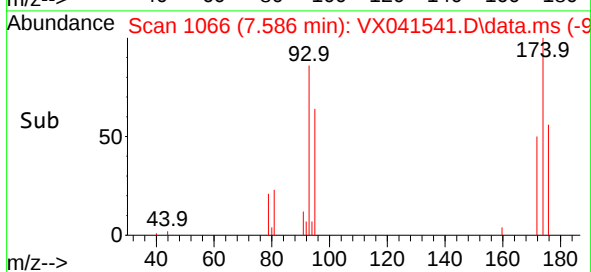
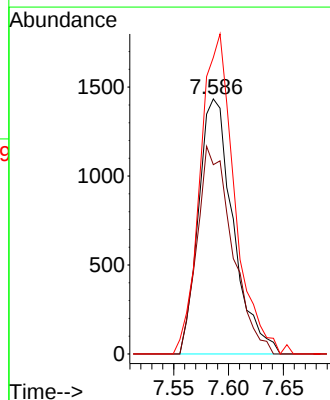
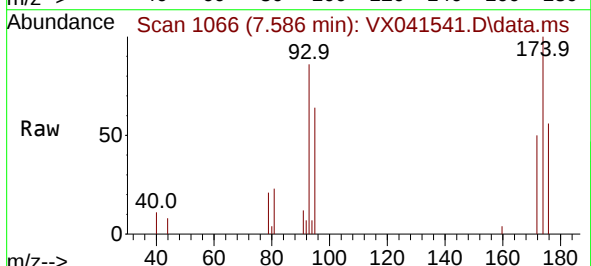
Tgt Ion: 93 Resp: 3135

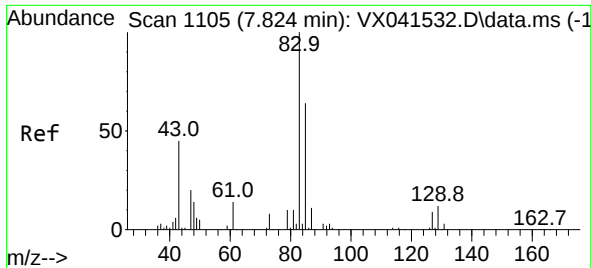
Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.6

174 124.9 0.0 249.8





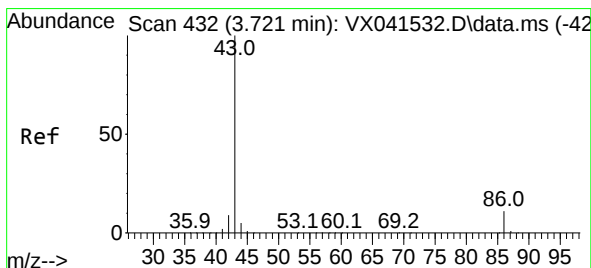
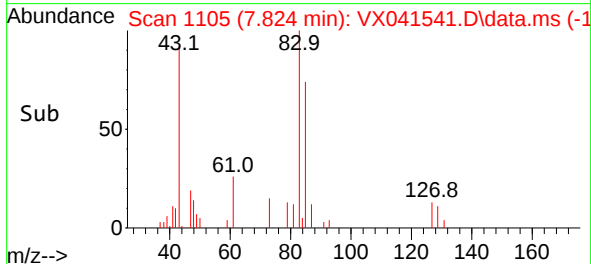
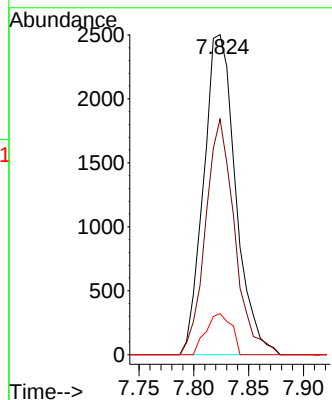
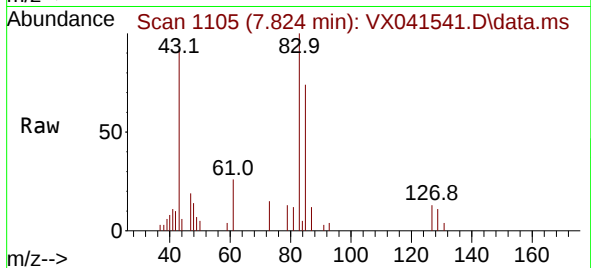
#41
Bromodichloromethane
Concen: 2.159 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion: 83 Resp: 508
Ion Ratio Lower Upper
83 100
85 73.6 51.0 76.4
127 12.8 7.1 10.7

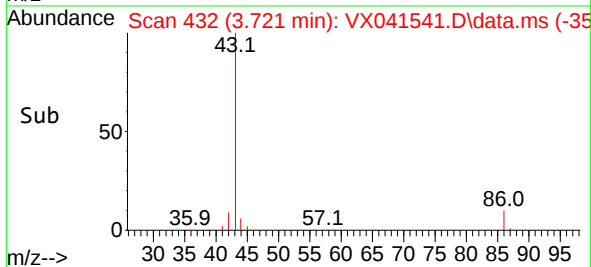
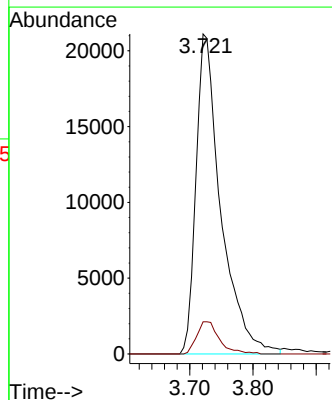
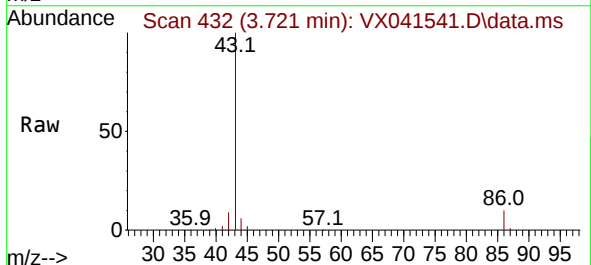
Manual Integrations
APPROVED

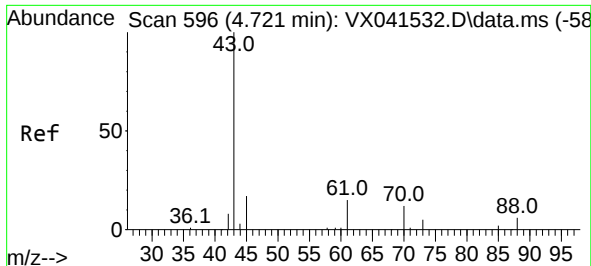
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
Vinyl Acetate
Concen: 11.747 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

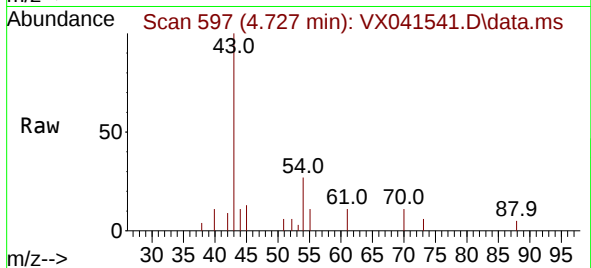
Tgt Ion: 43 Resp: 57737
Ion Ratio Lower Upper
43 100
86 9.2 7.8 11.6





#43
Ethyl Acetate
Concen: 2.517 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

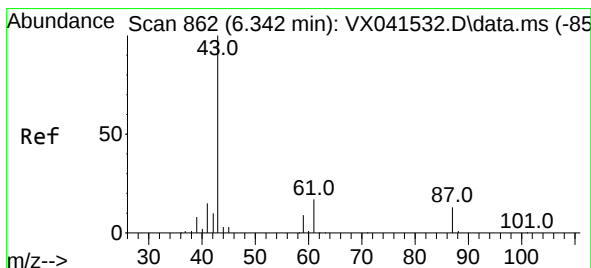
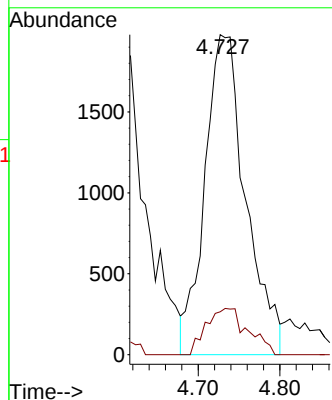
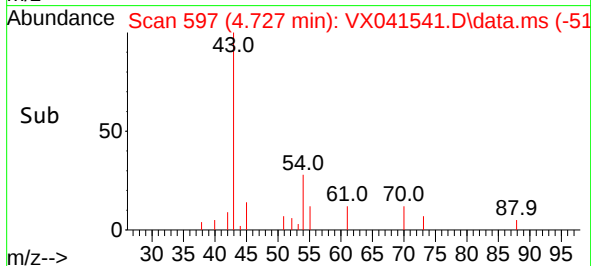
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
45 11.1 11.9 17.9

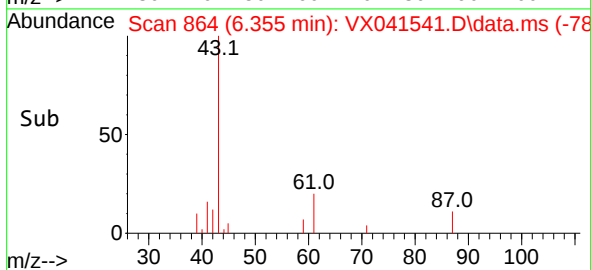
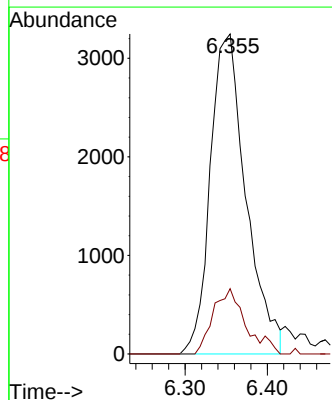
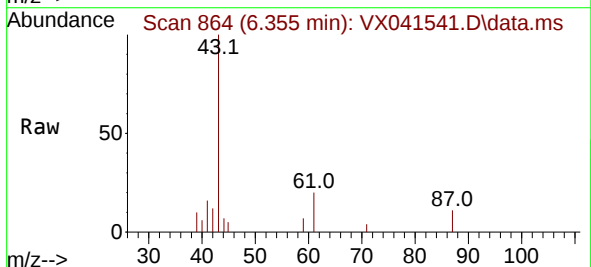
Manual Integrations
APPROVED

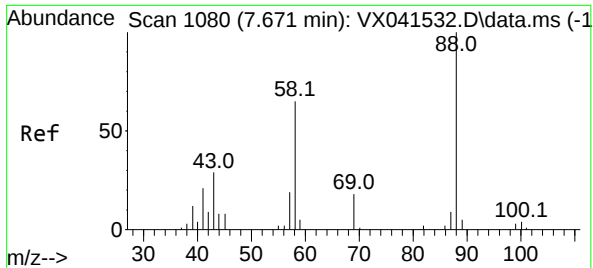
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#44
Isopropyl Acetate
Concen: 2.363 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

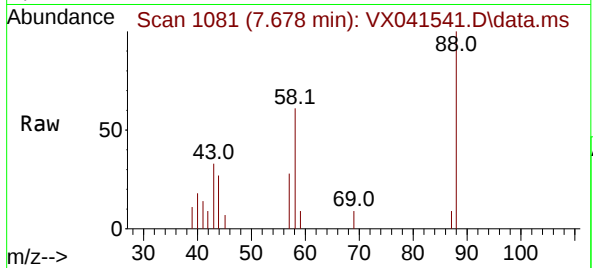
Tgt Ion: 43 Resp: 9764
Ion Ratio Lower Upper
43 100
61 7.9 15.3 22.9





#45
1,4-Dioxane
Concen: 46.977 ug/l m
RT: 7.678 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

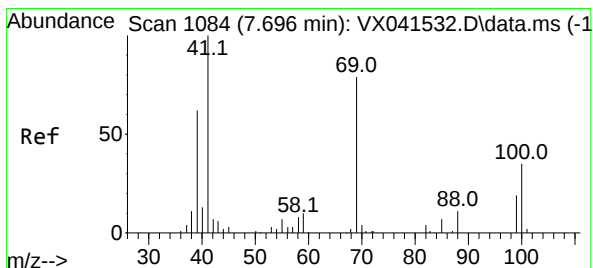
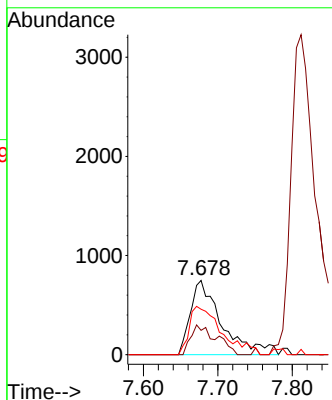
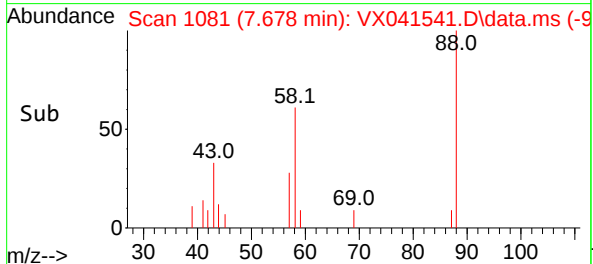
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 88 Resp: 2189
Ion Ratio Lower Upper
88 100
43 24.2 24.9 37.3
58 58.6 47.0 70.4

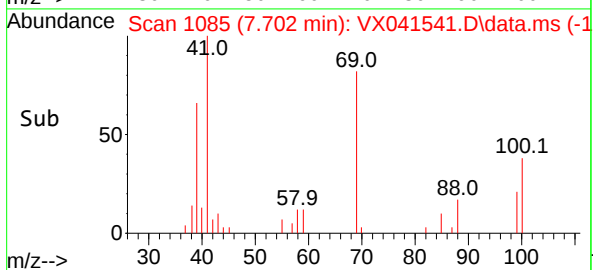
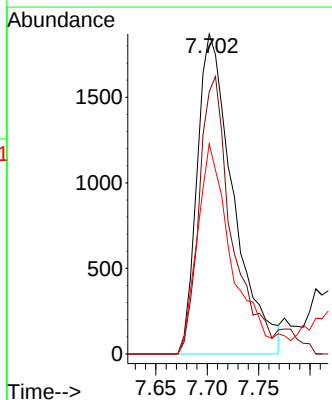
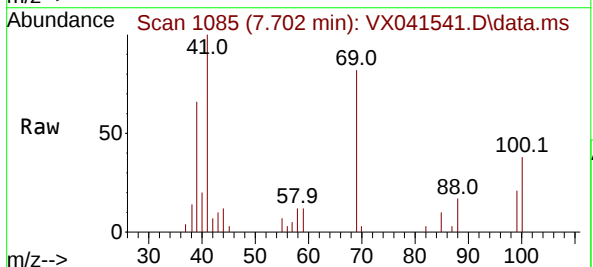
Manual Integrations
APPROVED

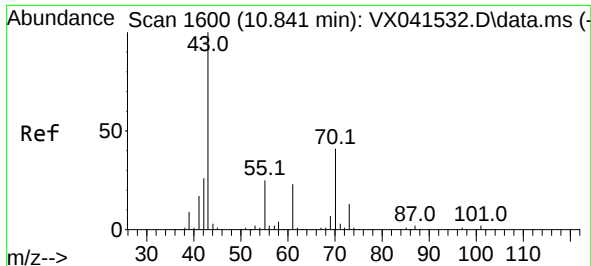
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#46
Methyl methacrylate
Concen: 2.228 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 41 Resp: 4581
Ion Ratio Lower Upper
41 100
69 81.9 39.6 119.0
39 65.7 30.9 92.8





#47

n-amy1 Acetate

Concen: 1.813 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 6795

Ion Ratio Lower Upper

43 100

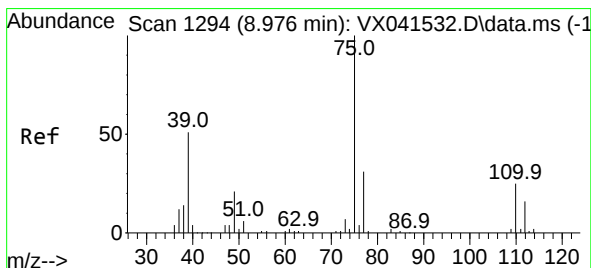
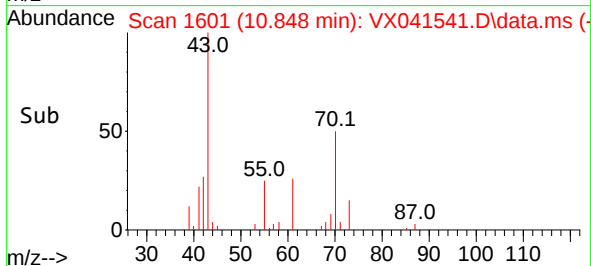
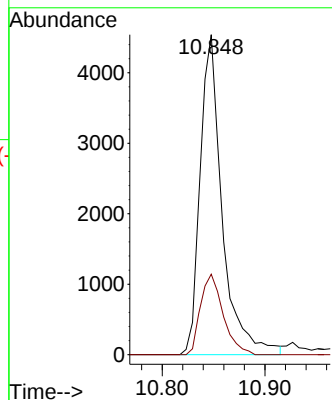
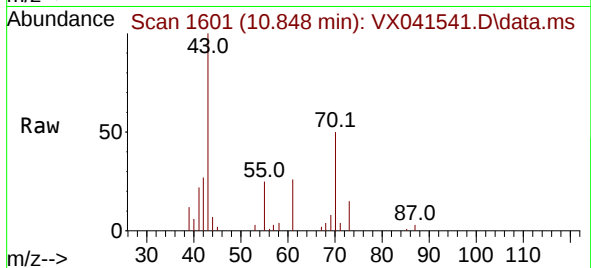
55 25.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#48

t-1,3-Dichloropropene

Concen: 2.073 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX041541.D

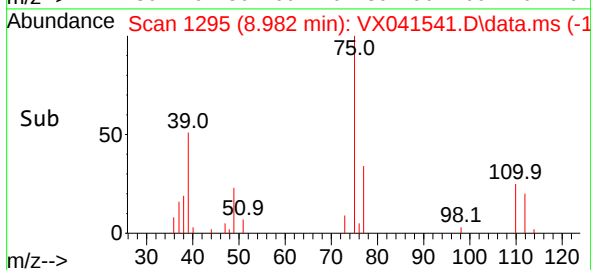
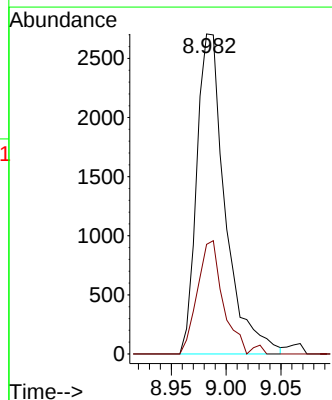
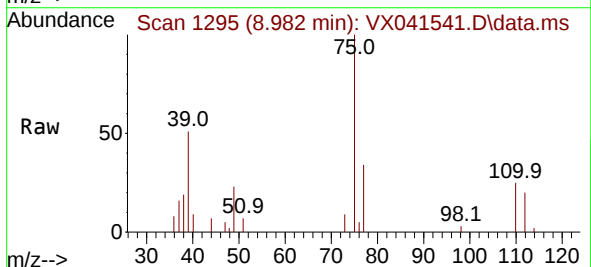
Acq: 15 May 2024 15:57

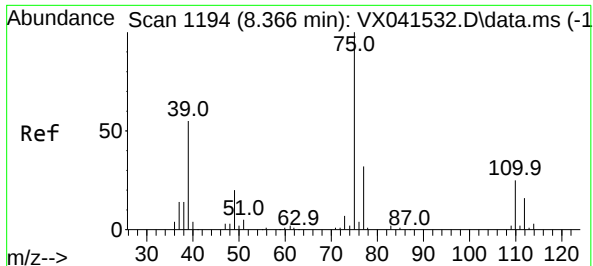
Tgt Ion: 75 Resp: 4900

Ion Ratio Lower Upper

75 100

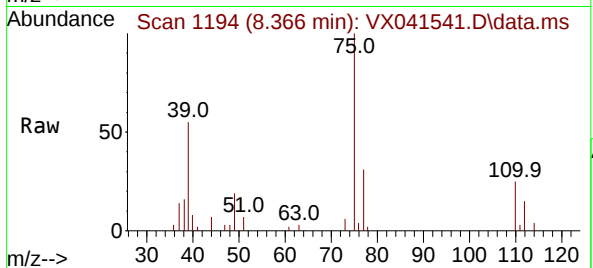
77 34.2 24.5 36.7





#49
cis-1,3-Dichloropropene
Concen: 2.156 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

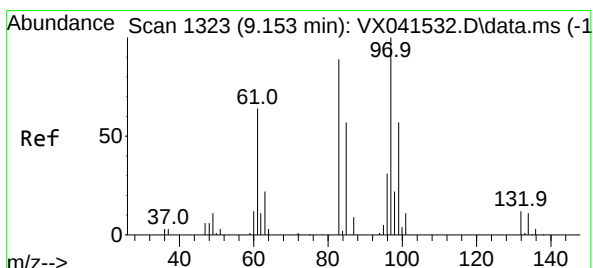
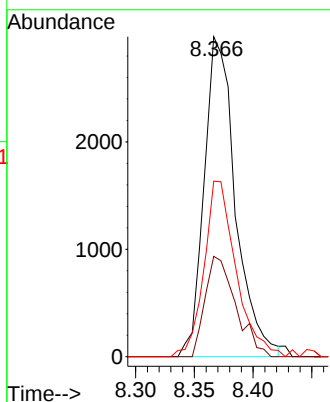
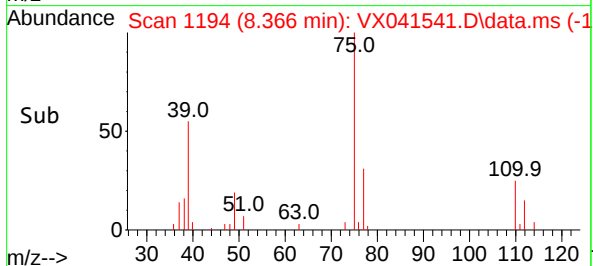
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 552
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 52.9 43.6 65.4

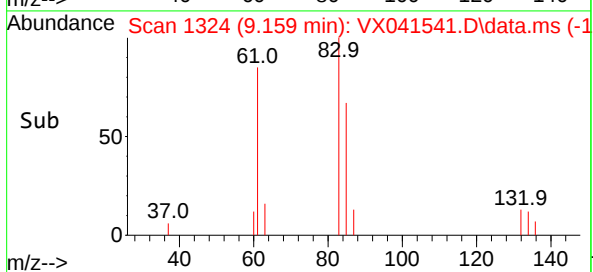
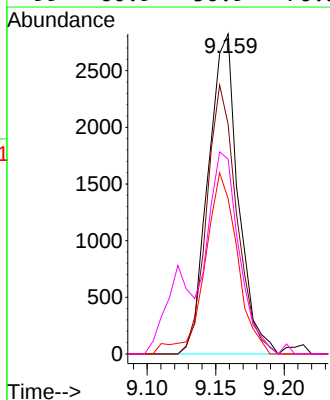
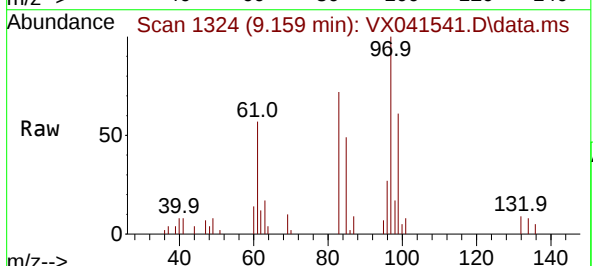
Manual Integrations
APPROVED

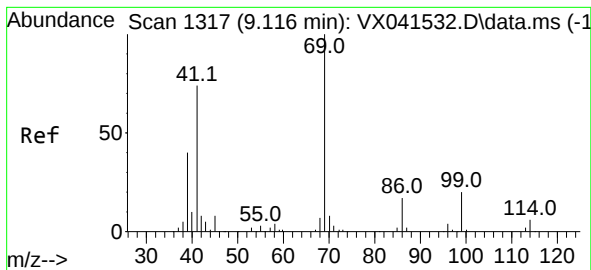
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#50
1,1,2-Trichloroethane
Concen: 2.475 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

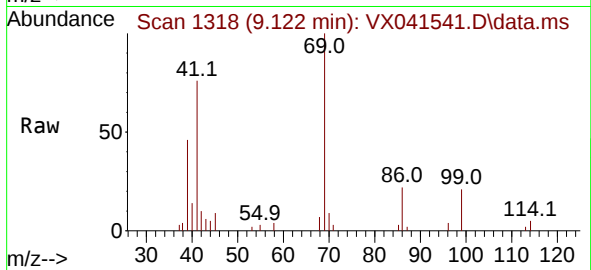
Tgt Ion: 97 Resp: 4317
Ion Ratio Lower Upper
97 100
83 71.8 71.3 106.9
85 48.5 45.7 68.5
99 60.9 50.9 76.3





#51
Ethyl methacrylate
Concen: 2.063 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

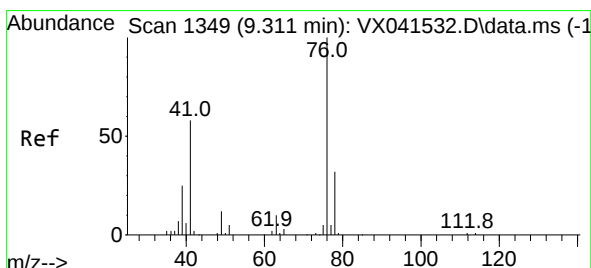
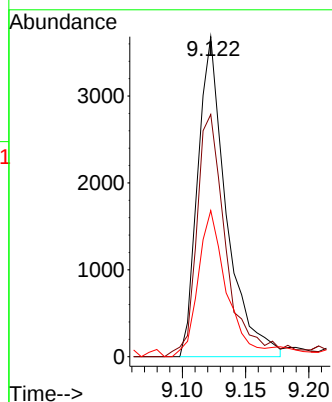
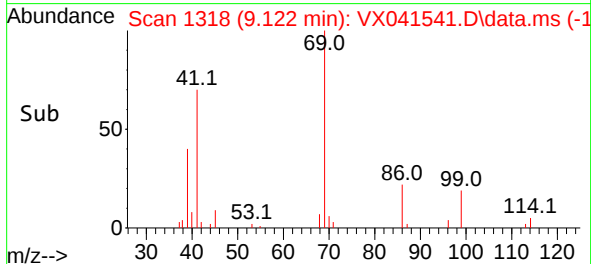
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 69 Resp: 5794
Ion Ratio Lower Upper
69 100
41 73.4 37.1 111.3
39 43.5 20.2 60.6

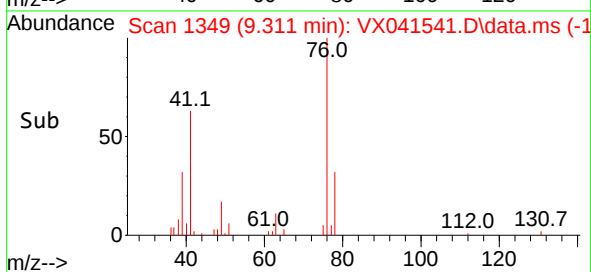
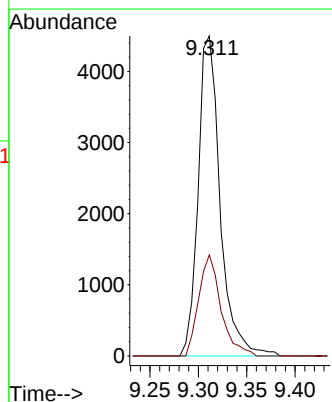
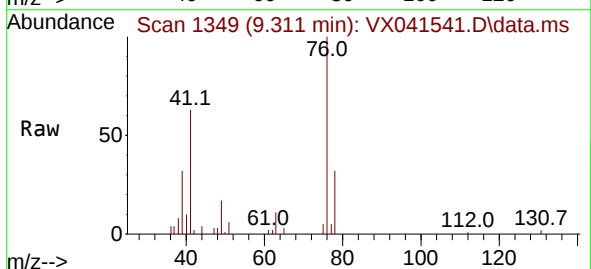
Manual Integrations
APPROVED

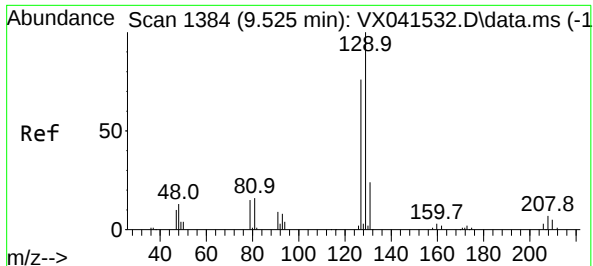
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#52
1,3-Dichloropropane
Concen: 2.477 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

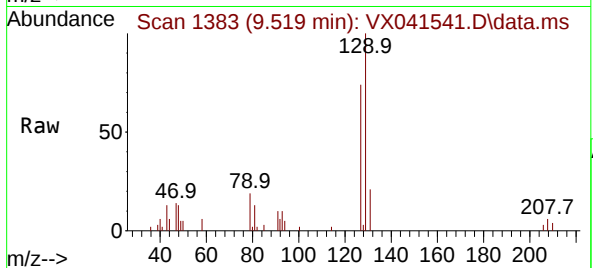
Tgt Ion: 76 Resp: 7140
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.4





#53
Dibromochloromethane
Concen: 2.057 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

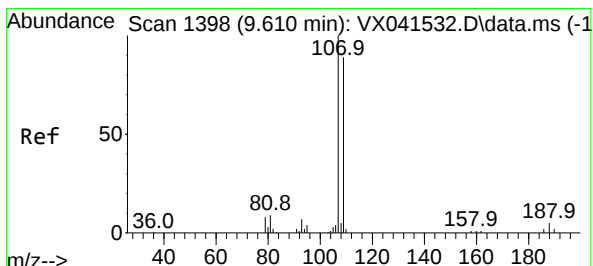
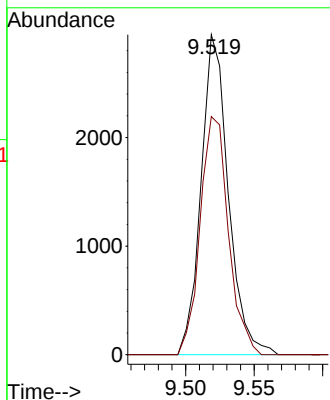
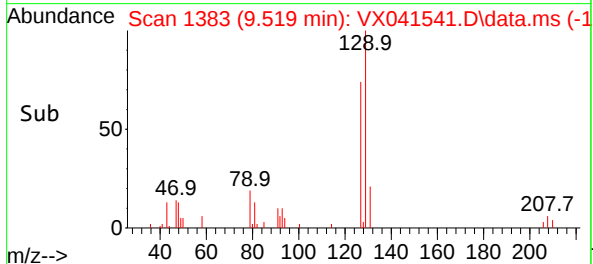
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



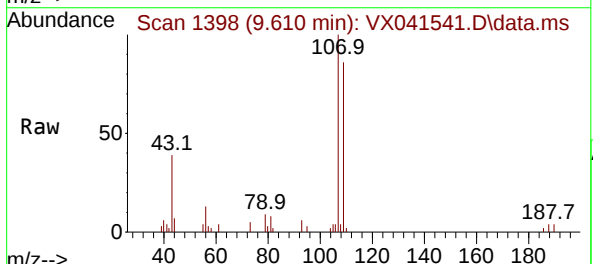
Tgt Ion:129 Resp: 4082
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

Manual Integrations
APPROVED

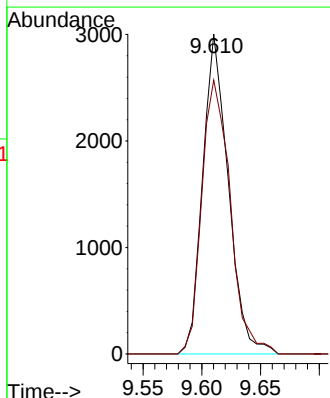
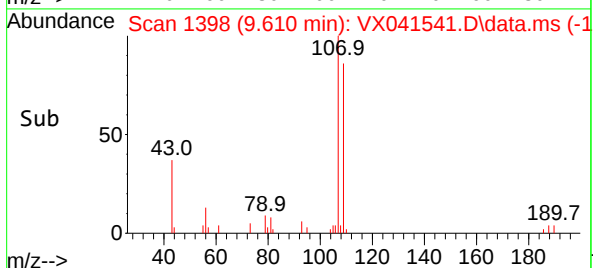
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

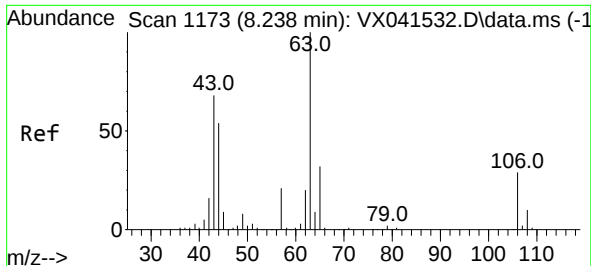


#54
1,2-Dibromoethane
Concen: 2.463 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57



Tgt Ion:107 Resp: 4557
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 11.096 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

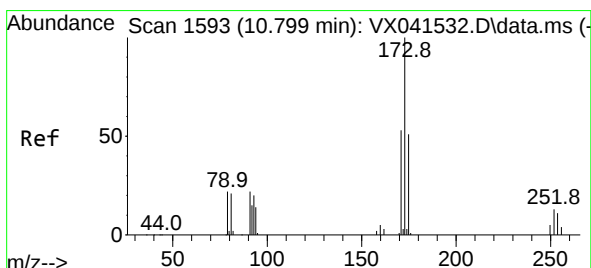
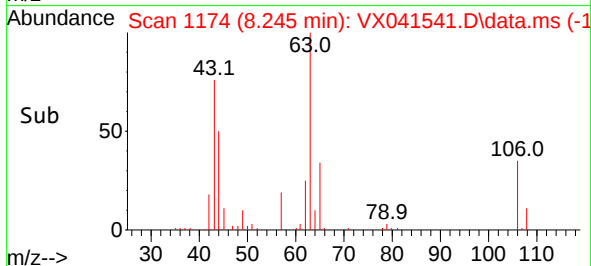
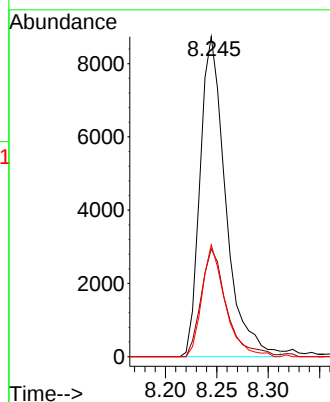
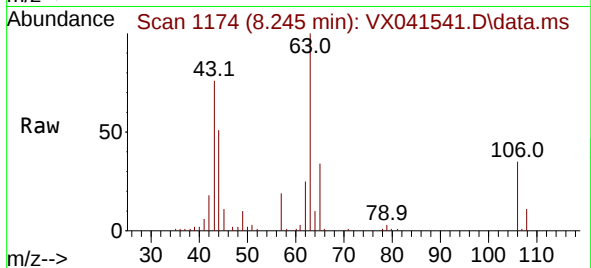
Tgt Ion: 63	Resp: 1520
Ion Ratio	Lower Upper
63 100	
65 33.3	25.5 38.3
106 31.2	24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#56

Bromoform

Concen: 1.952 ug/l

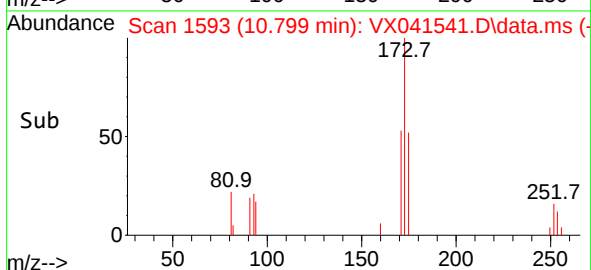
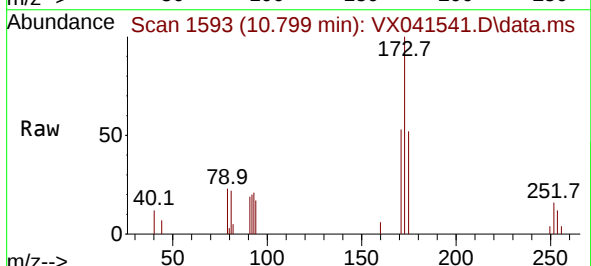
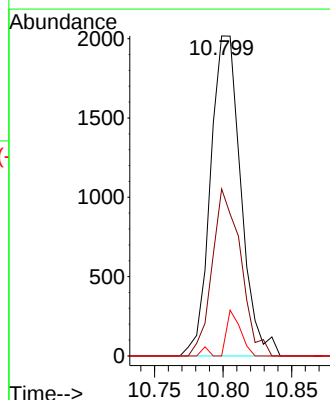
RT: 10.799 min Scan# 1593

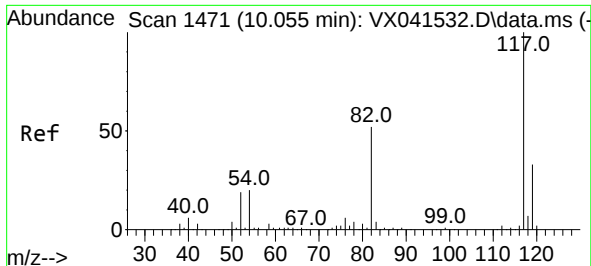
Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Tgt Ion:173	Resp: 3104
Ion Ratio	Lower Upper
173 100	
175 49.1	39.0 58.6
254 6.5	10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

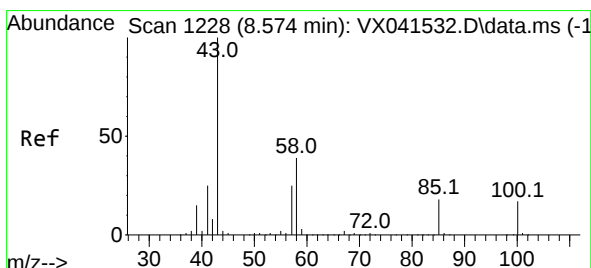
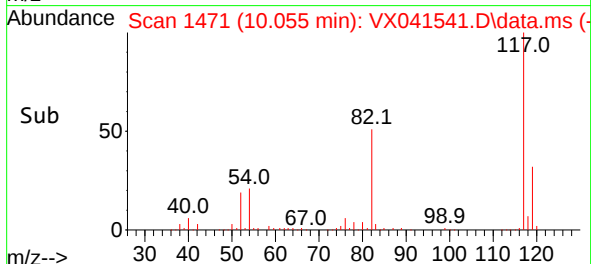
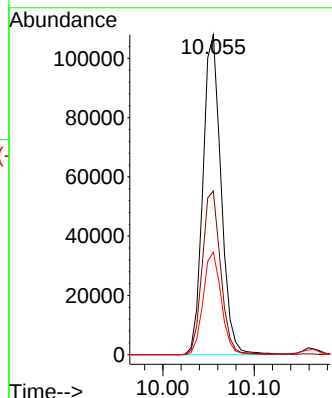
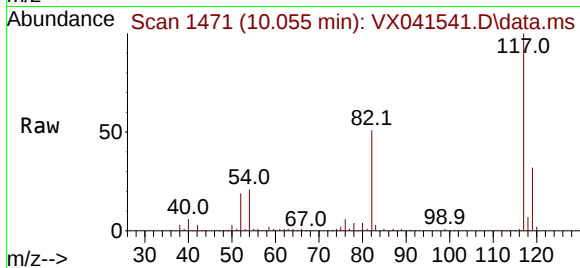
Tgt Ion:	117	Resp:	14869
Ion Ratio	Lower	Upper	
117	100		
82	51.8	41.7	62.5
119	32.1	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#58

4-Methyl-2-Pentanone

Concen: 12.617 ug/l

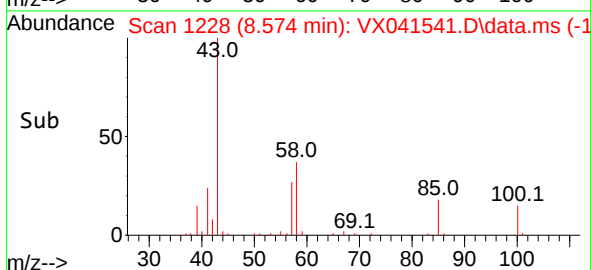
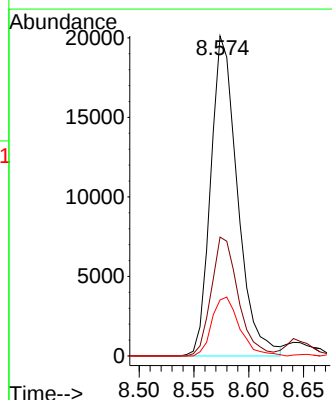
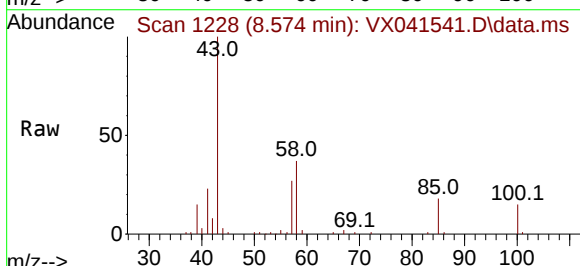
RT: 8.574 min Scan# 1228

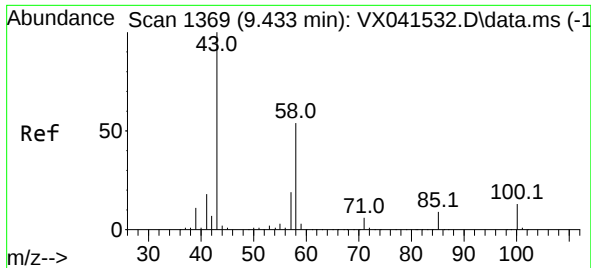
Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Tgt Ion:	43	Resp:	34280
Ion Ratio	Lower	Upper	
43	100		
58	37.3	30.2	45.4
85	18.9	14.6	21.8





#59

2-Hexanone

Concen: 12.341 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

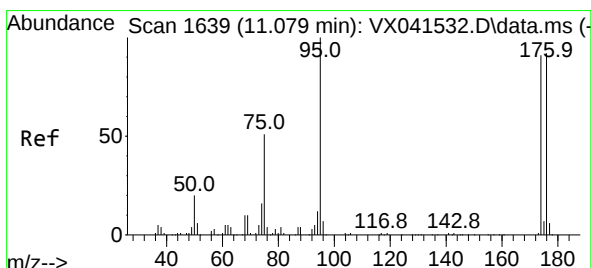
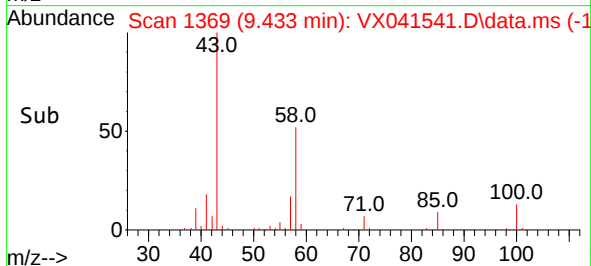
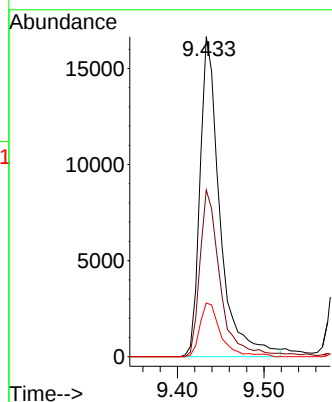
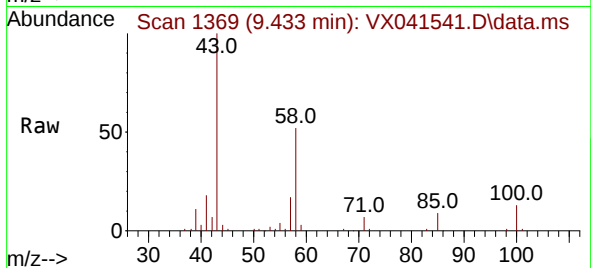
Tgt Ion: 43	Resp: 2671
Ion Ratio	Lower Upper
43 100	
58 50.9	42.3 63.5
57 16.7	15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#60

4-Bromofluorobenzene

Concen: 25.459 ug/l

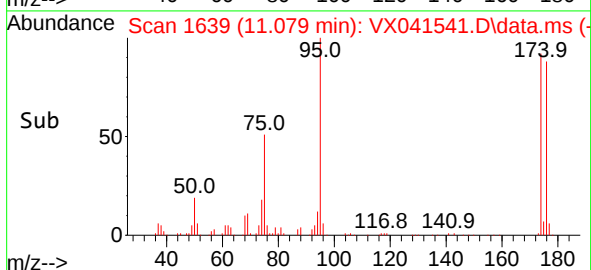
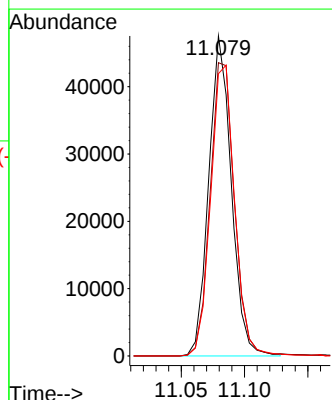
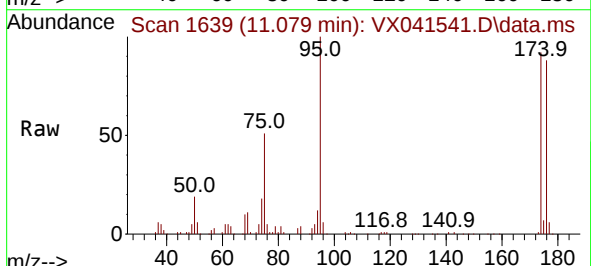
RT: 11.079 min Scan# 1639

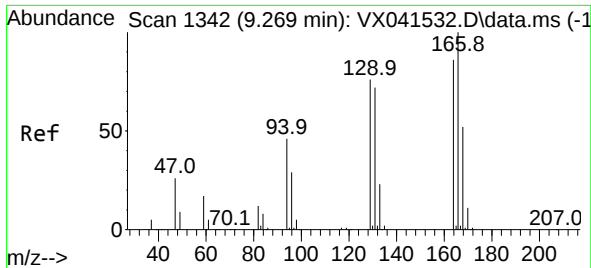
Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

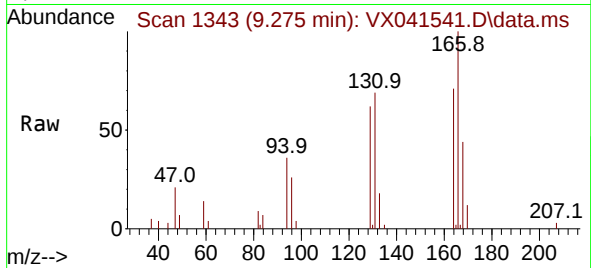
Tgt Ion: 95	Resp: 59097
Ion Ratio	Lower Upper
95 100	
174 99.0	76.6 115.0
176 96.5	75.4 113.0





#61
Tetrachloroethene
Concen: 2.539 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

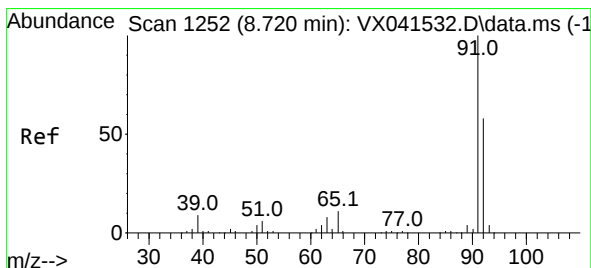
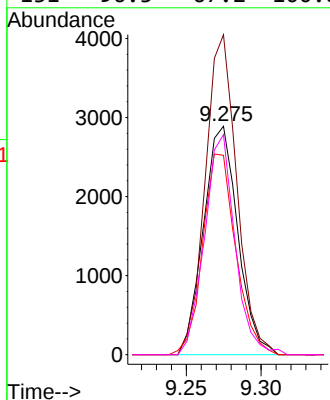
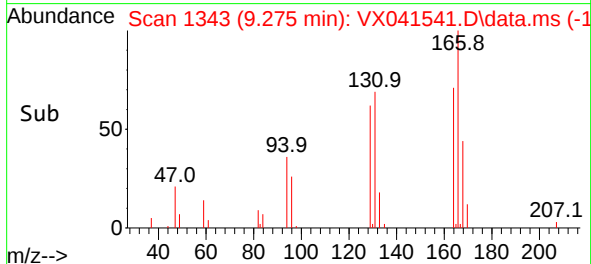
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:164 Resp: 4619
Ion Ratio Lower Upper
164 100
166 140.0 92.8 139.2
129 87.3 70.1 105.1
131 96.3 67.2 100.8

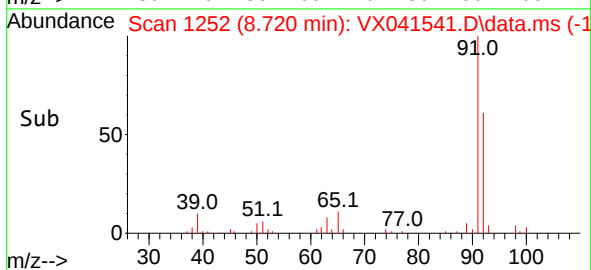
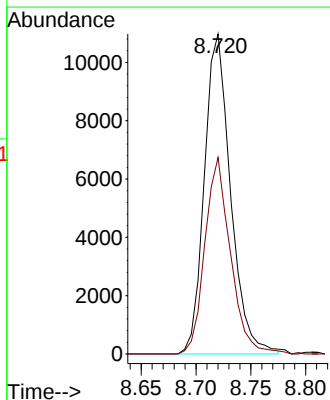
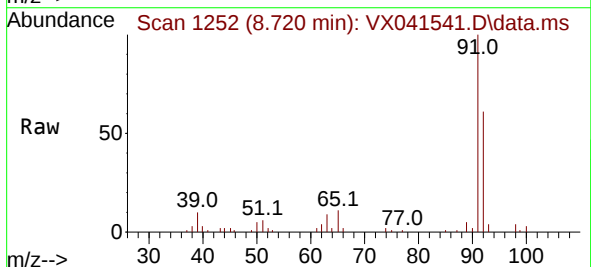
Manual Integrations
APPROVED

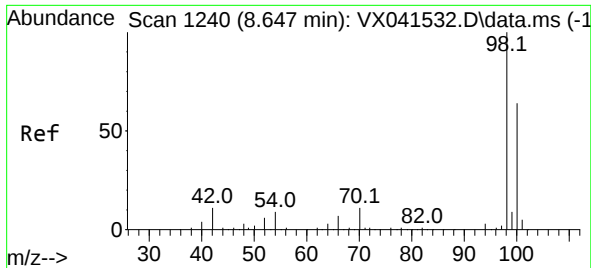
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#62
Toluene
Concen: 2.471 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

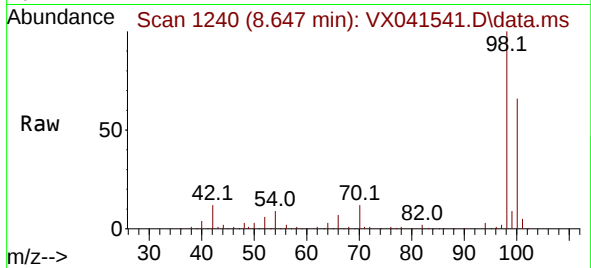
Tgt Ion: 91 Resp: 18282
Ion Ratio Lower Upper
91 100
92 59.9 47.0 70.6





#63
Toluene-d8
Concen: 29.796 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

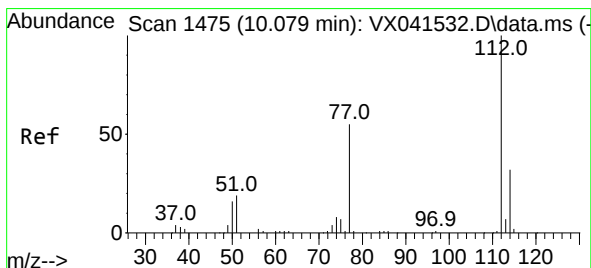
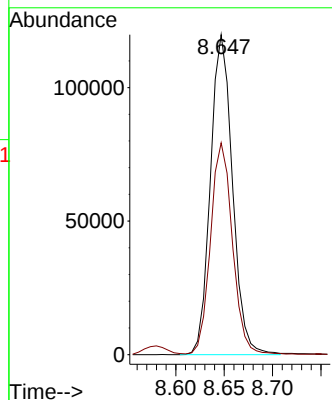
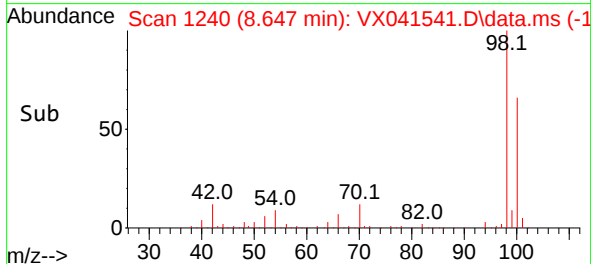
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



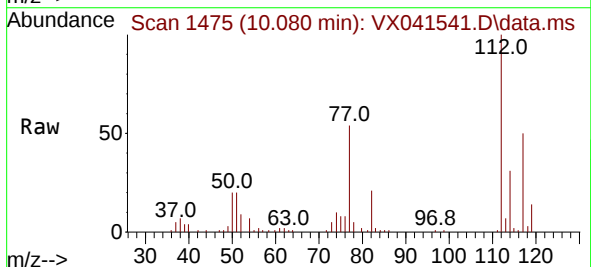
Tgt Ion: 98 Resp: 18992
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

Manual Integrations
APPROVED

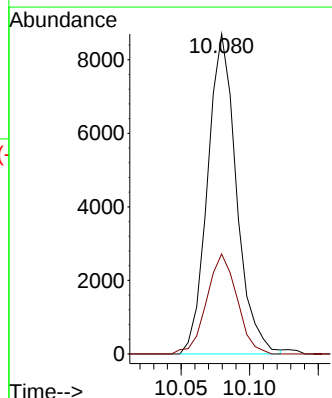
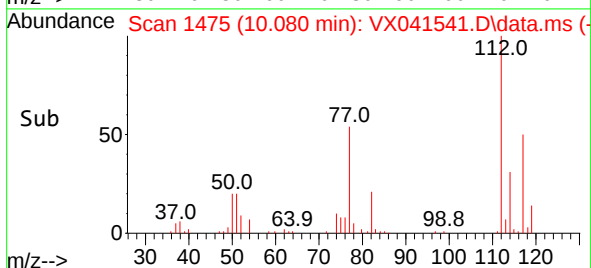
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

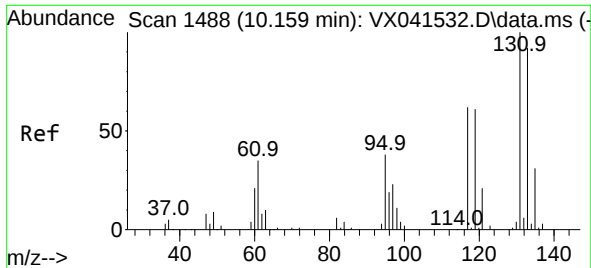


#64
Chlorobenzene
Concen: 2.536 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57



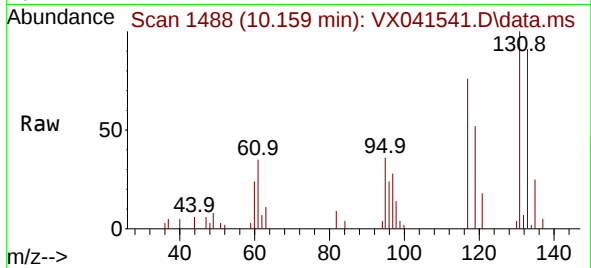
Tgt Ion:112 Resp: 12744
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 2.397 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

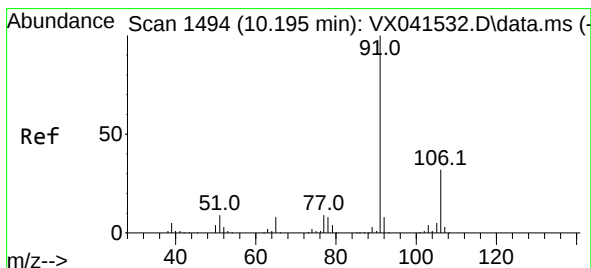
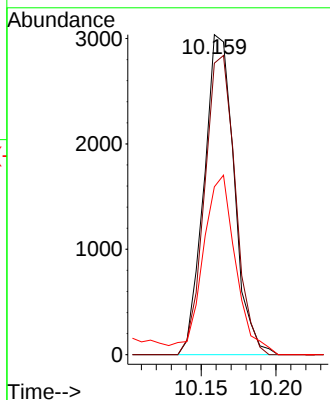
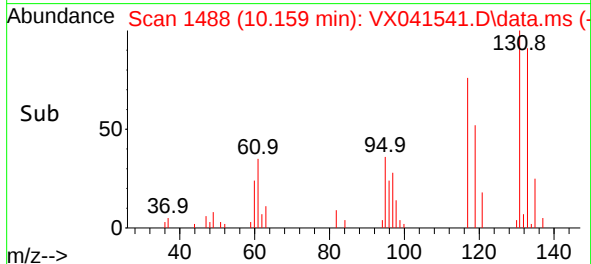
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:131 Resp: 426
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.6
119 59.9 0.0 126.4

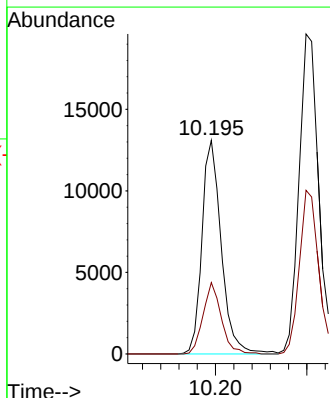
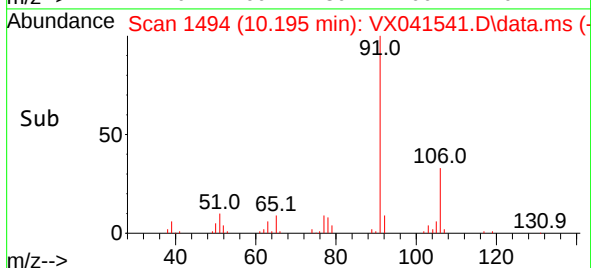
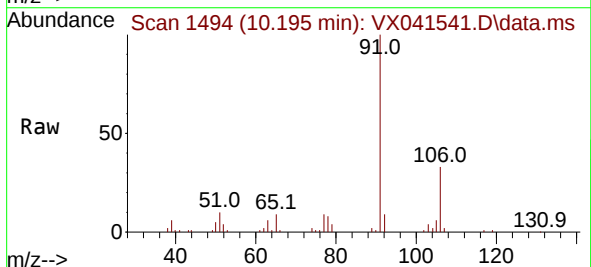
Manual Integrations
APPROVED

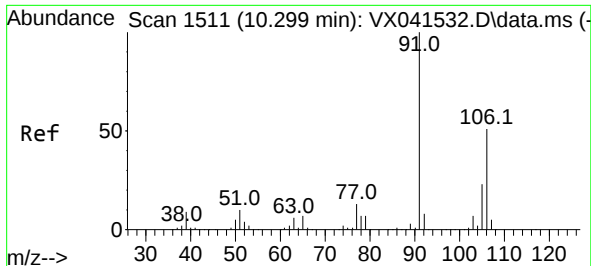
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
Ethyl Benzene
Concen: 2.341 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 91 Resp: 19230
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9





#67

m/p-Xylenes

Concen: 4.659 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 1496

Ion Ratio Lower Upper

106 100

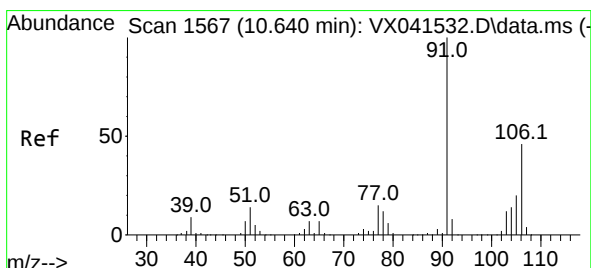
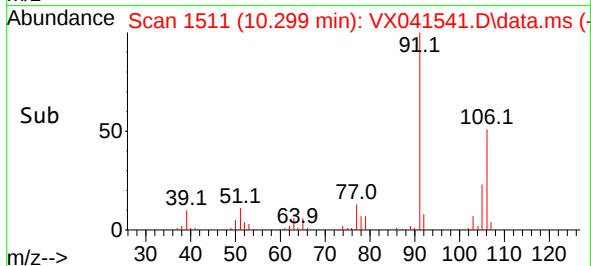
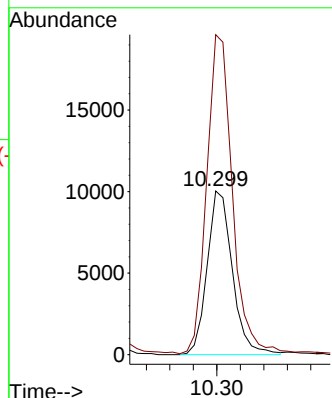
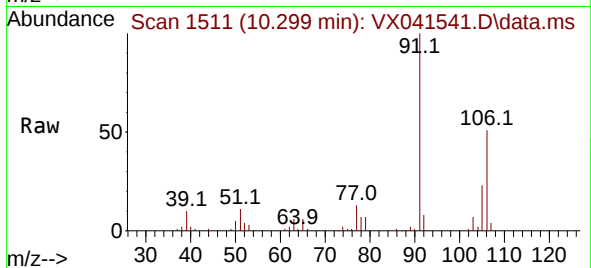
91 199.8 156.5 234.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#68

o-Xylene

Concen: 2.473 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041541.D

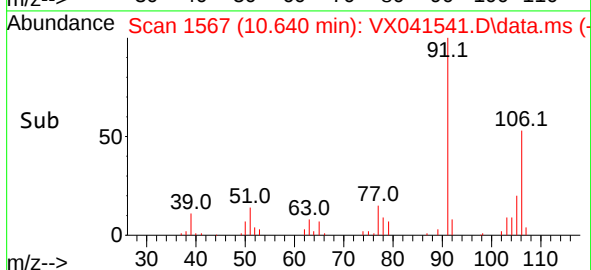
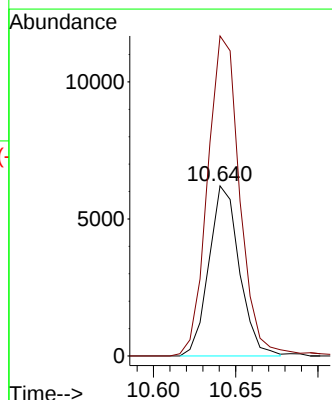
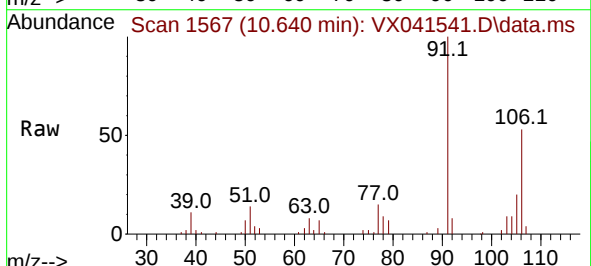
Acq: 15 May 2024 15:57

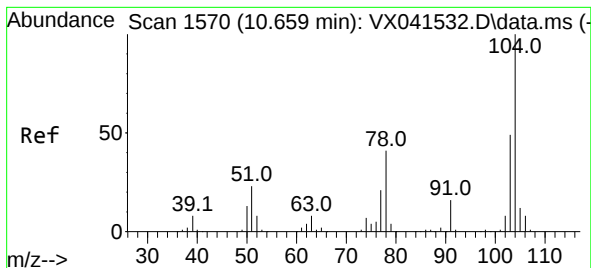
Tgt Ion:106 Resp: 7997

Ion Ratio Lower Upper

106 100

91 199.6 105.2 315.6





#69

Styrene

Concen: 2.143 ug/l

RT: 10.659 min Scan# 11619

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

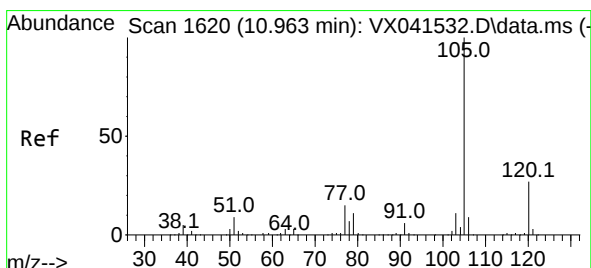
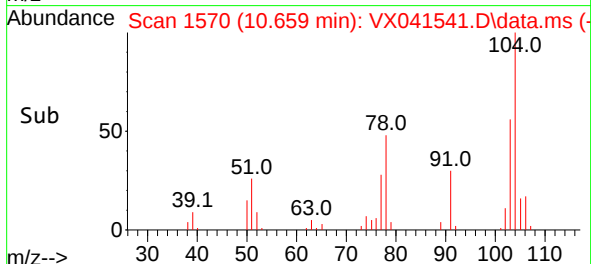
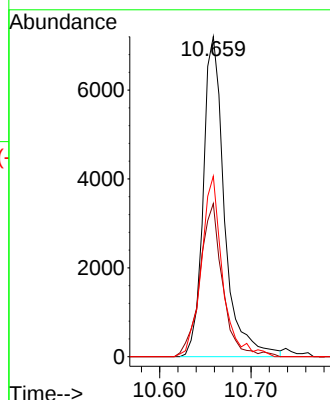
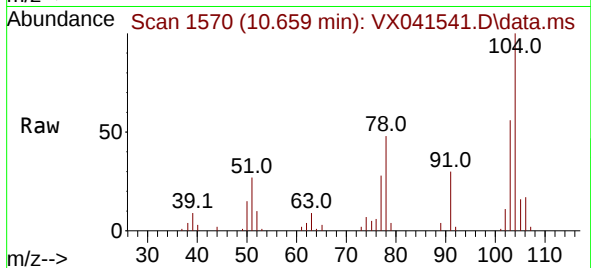
Tgt Ion:104	Resp:	11619
Ion Ratio	Lower	Upper
104	100	
78	50.4	39.3 58.9
103	55.4	43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#70

Isopropylbenzene

Concen: 1.975 ug/l

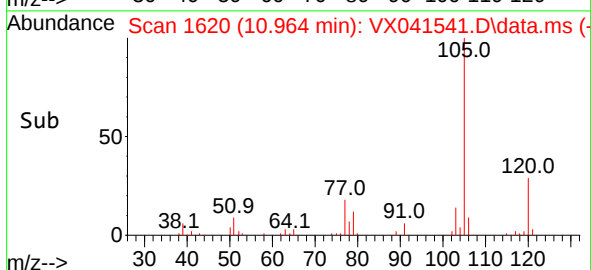
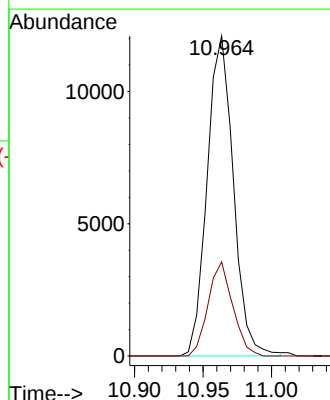
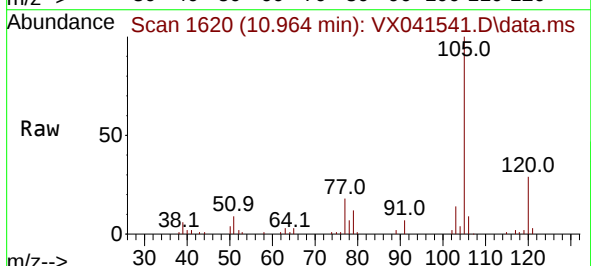
RT: 10.964 min Scan# 1620

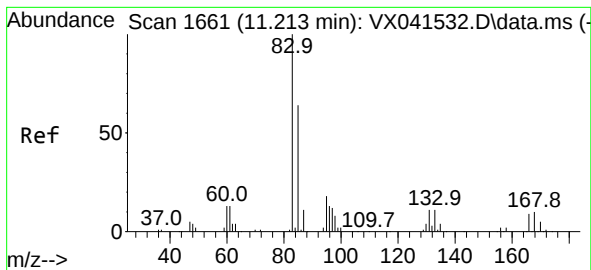
Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Tgt Ion:105	Resp:	16140
Ion Ratio	Lower	Upper
105	100	
120	27.5	18.8 34.8





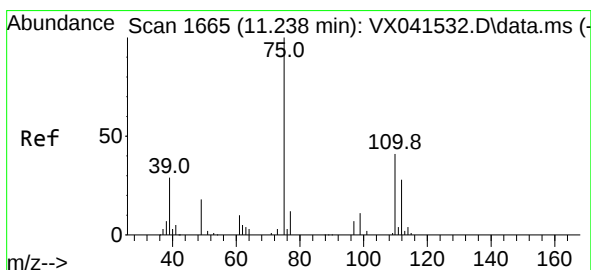
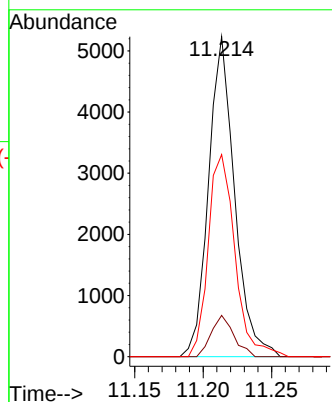
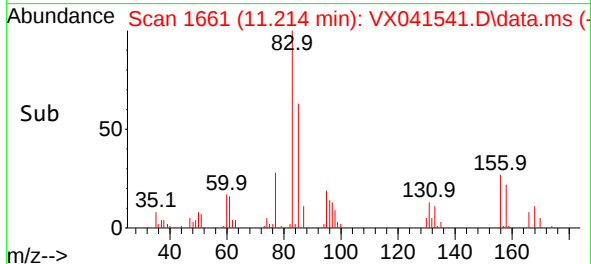
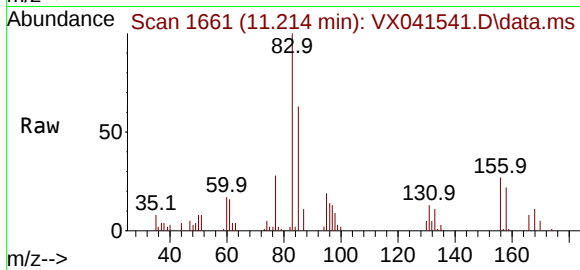
#71
1,1,2,2-Tetrachloroethane
Concen: 2.467 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion:	83	Resp:	6920
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	64.7	32.3	96.8

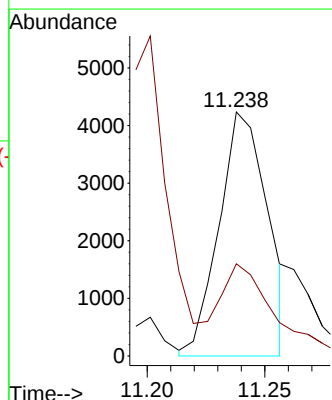
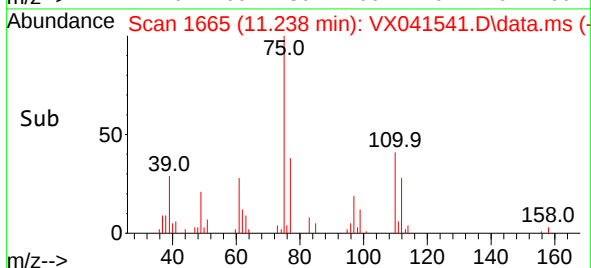
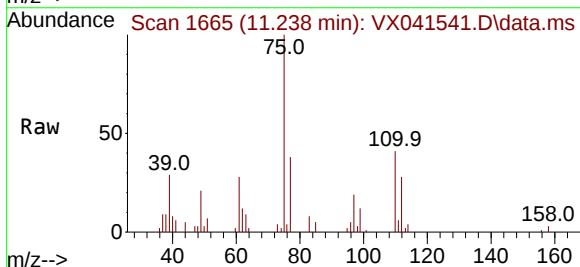
Manual Integrations
APPROVED

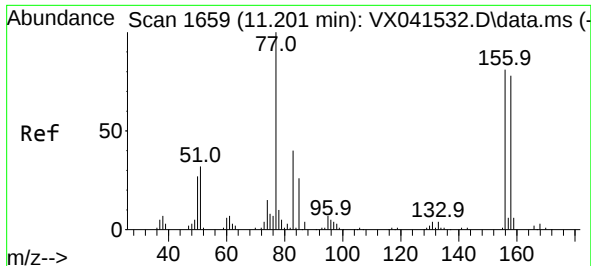
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#72
1,2,3-Trichloropropane
Concen: 2.395 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

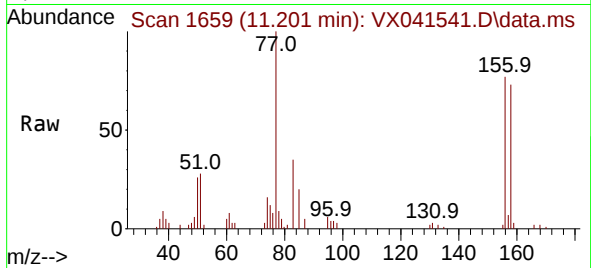
Tgt Ion:	75	Resp:	6064
Ion	Ratio	Lower	Upper
75	100		
77	44.2	0.0	78.8





#73
Bromobenzene
Concen: 2.286 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

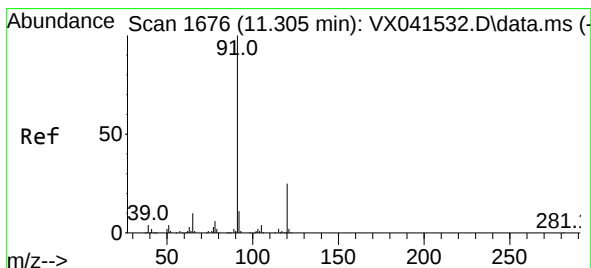
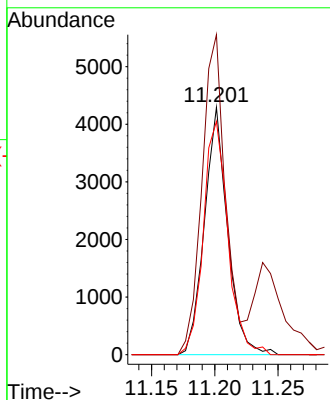
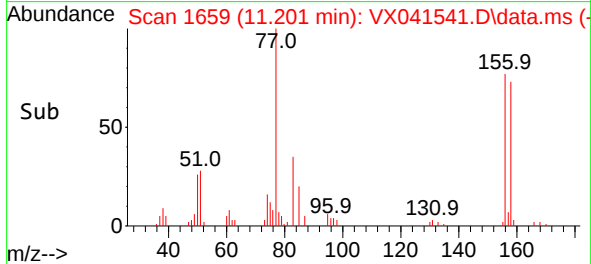
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



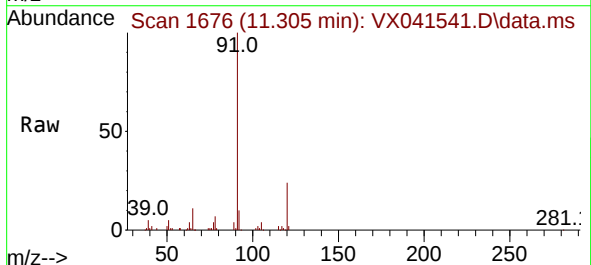
Tgt Ion:156 Resp: 5489
Ion Ratio Lower Upper
156 100
77 129.9 0.0 267.4
158 98.9 0.0 192.8

Manual Integrations
APPROVED

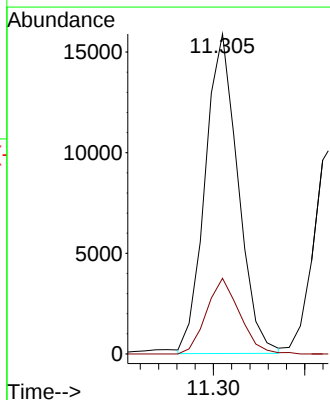
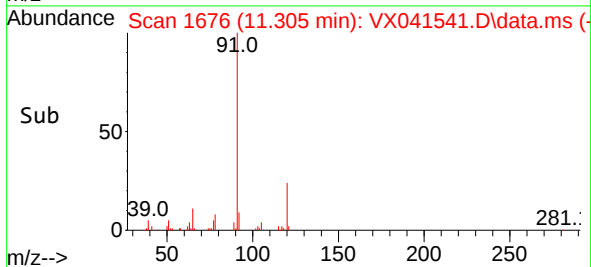
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

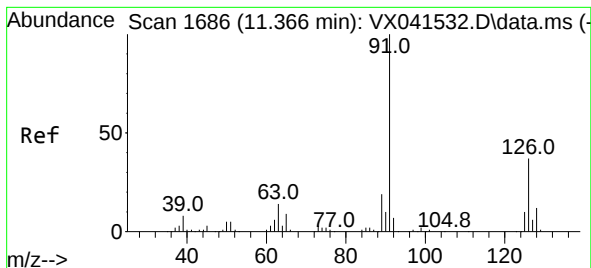


#74
n-propylbenzene
Concen: 2.159 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57



Tgt Ion: 91 Resp: 19890
Ion Ratio Lower Upper
91 100
120 23.9 0.0 48.4





#75

2-Chlorotoluene

Concen: 2.454 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 1420

Ion Ratio Lower Upper

91 100

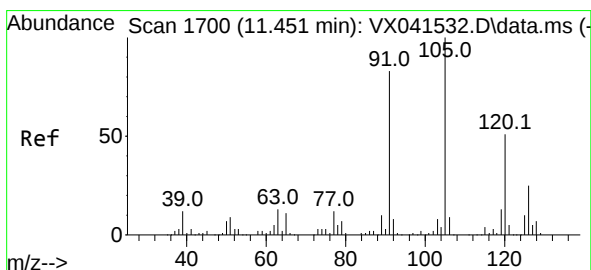
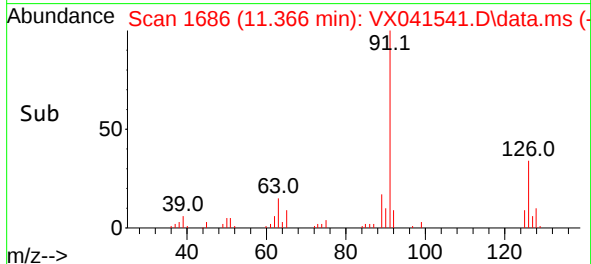
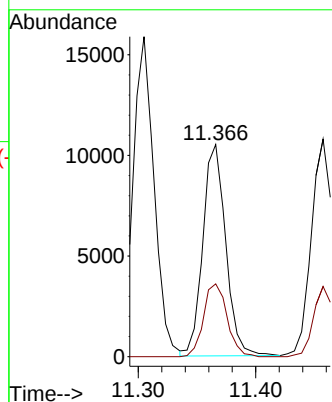
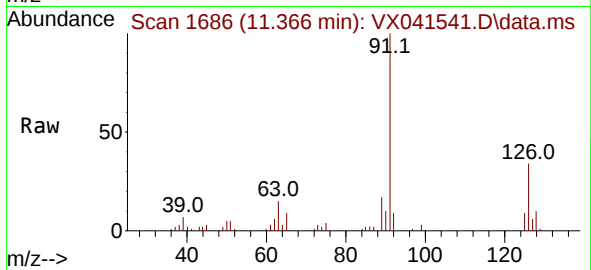
126 35.5 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#76

1,3,5-Trimethylbenzene

Concen: 2.205 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041541.D

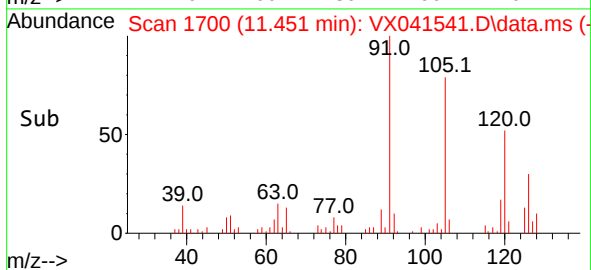
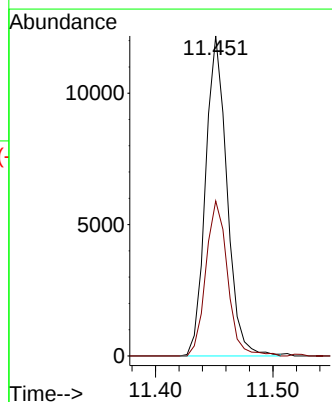
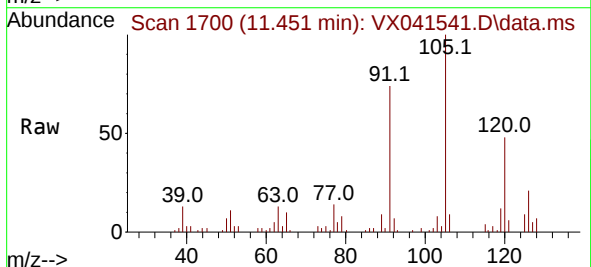
Acq: 15 May 2024 15:57

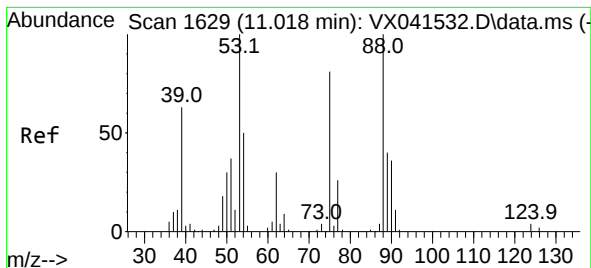
Tgt Ion:105 Resp: 15383

Ion Ratio Lower Upper

105 100

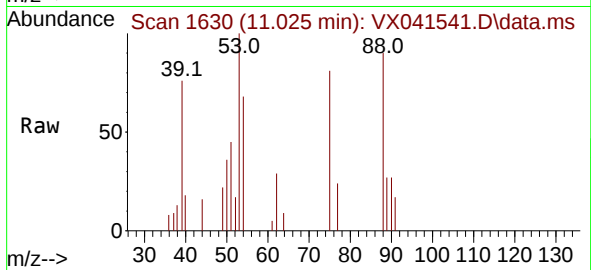
120 49.1 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 1.410 ug/l
RT: 11.025 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

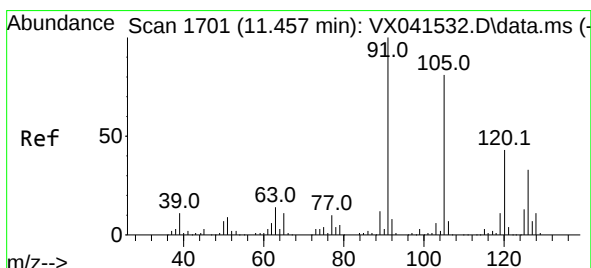
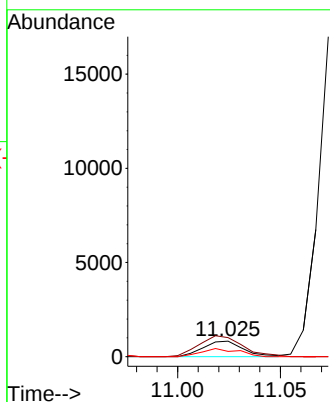
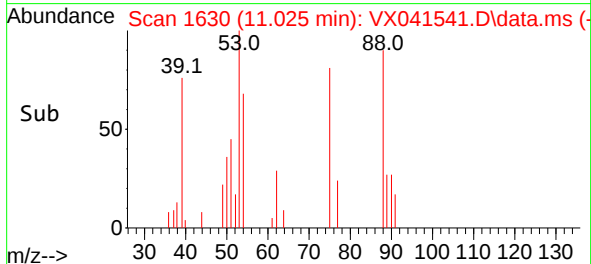
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 112.0
Ion Ratio Lower Upper
75 100
53 116.3 61.8 185.3
89 33.8 24.9 74.7

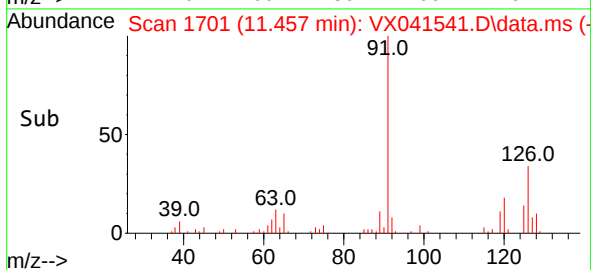
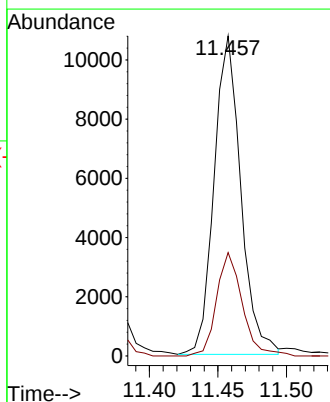
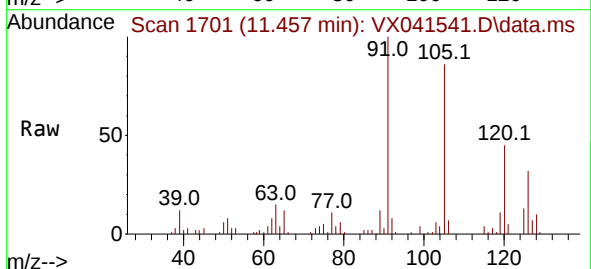
Manual Integrations
APPROVED

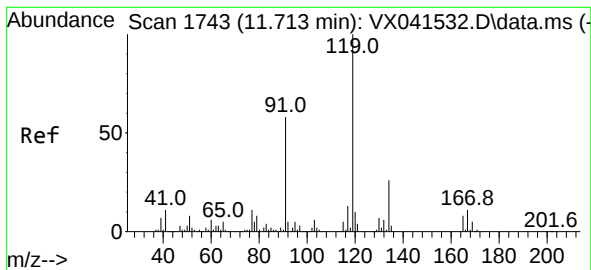
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
4-Chlorotoluene
Concen: 2.213 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion: 91 Resp: 14585
Ion Ratio Lower Upper
91 100
126 31.2 0.0 62.2





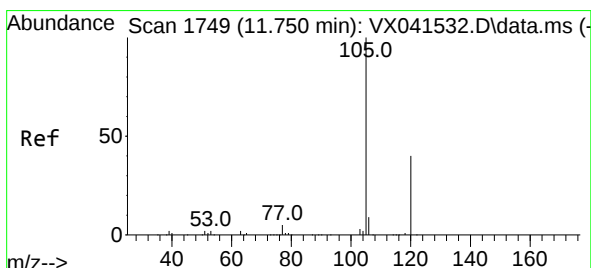
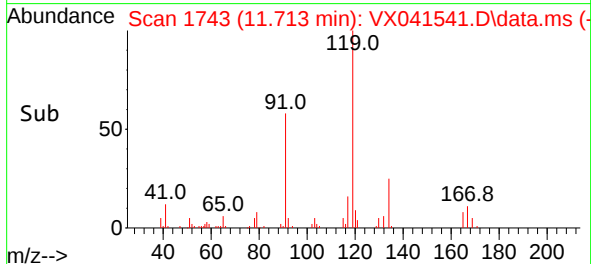
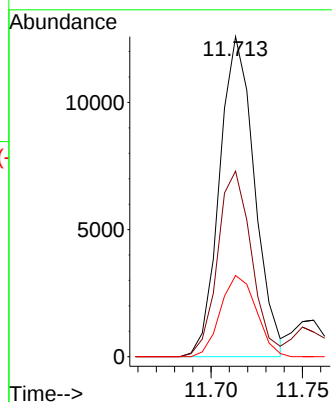
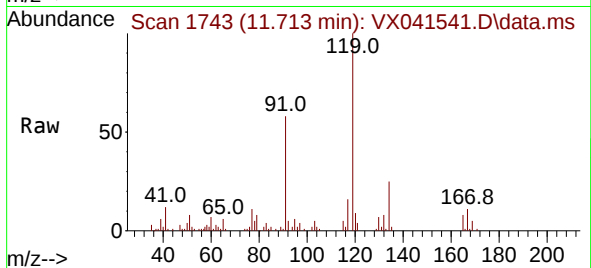
#79
tert-butylbenzene
Concen: 2.263 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion:119 Resp: 16798
Ion Ratio Lower Upper
119 100
91 56.5 0.0 110.0
134 25.8 0.0 50.0

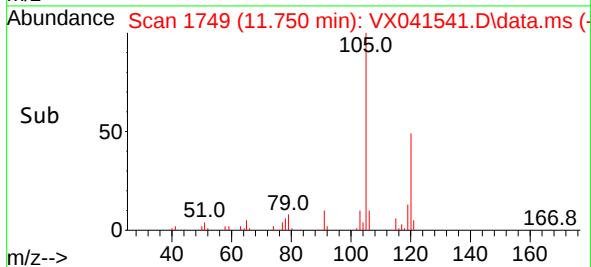
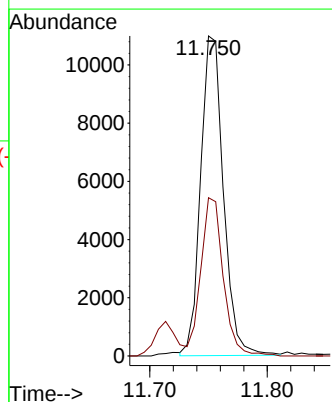
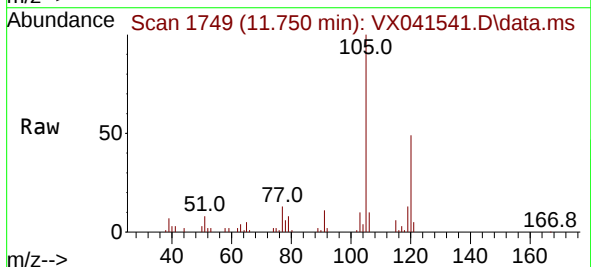
Manual Integrations
APPROVED

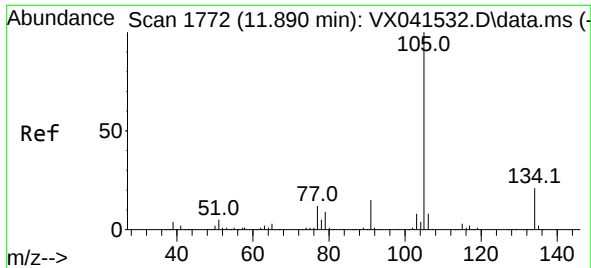
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.120 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

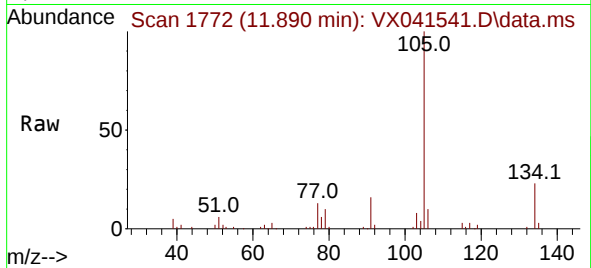
Tgt Ion:105 Resp: 14820
Ion Ratio Lower Upper
105 100
120 48.6 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 2.095 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041541.D
 Acq: 15 May 2024 15:57

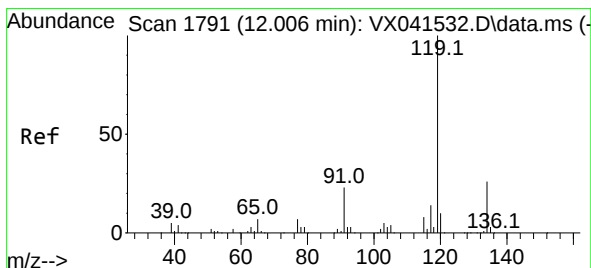
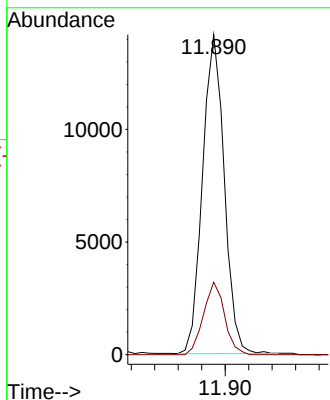
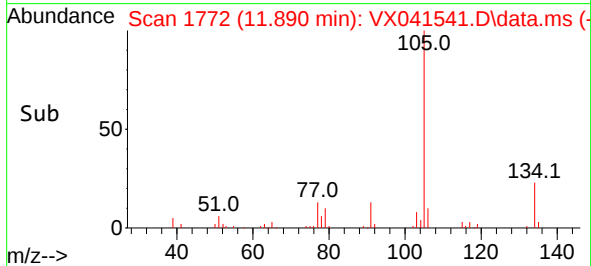
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



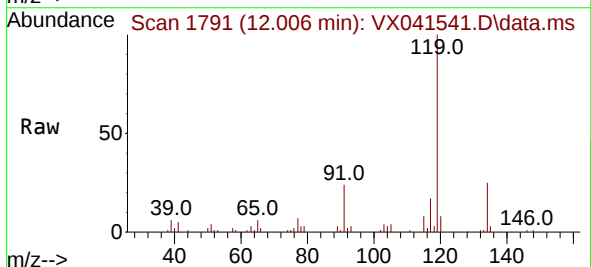
Tgt Ion:105 Resp: 18170
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.4

Manual Integrations
 APPROVED

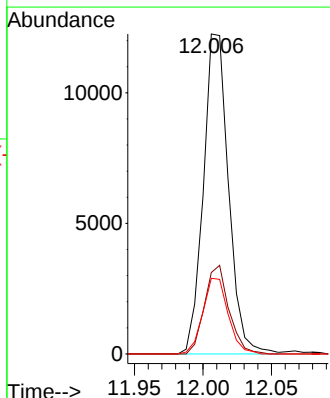
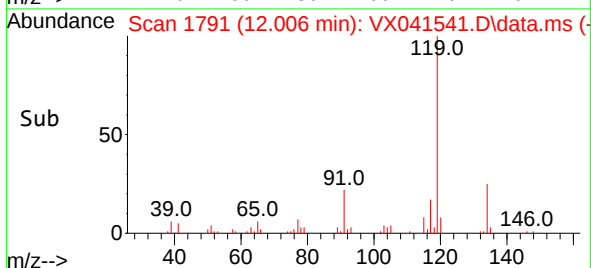
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

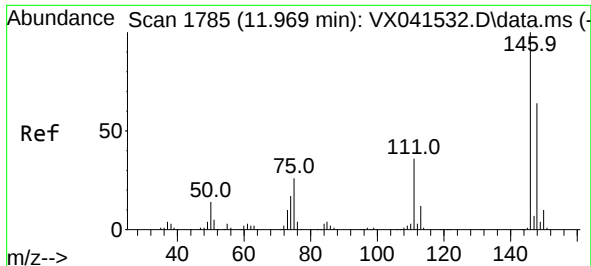


#82
 p-Isopropyltoluene
 Concen: 2.070 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041541.D
 Acq: 15 May 2024 15:57



Tgt Ion:119 Resp: 15717
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.4
 91 23.8 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 2.317 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041541.D

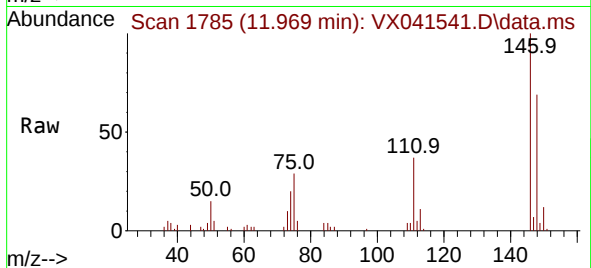
Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



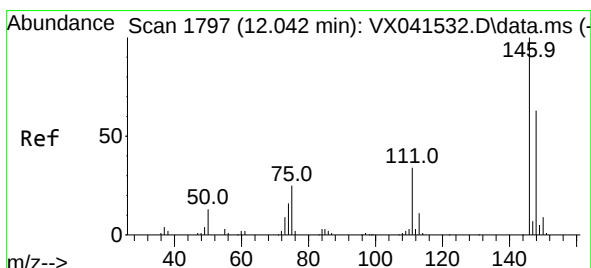
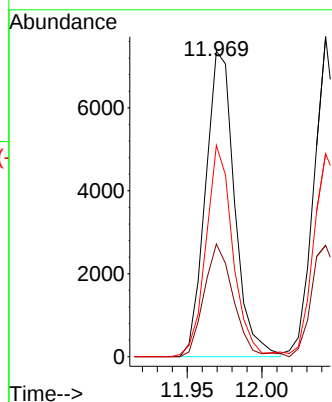
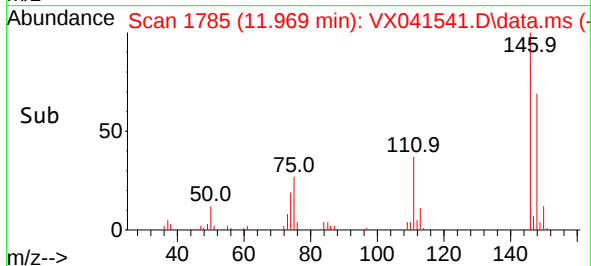
Tgt Ion:	146	Resp:	997
Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.2
148	63.4	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#84

1,4-Dichlorobenzene

Concen: 2.283 ug/l

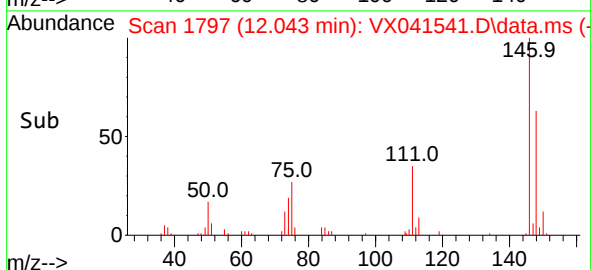
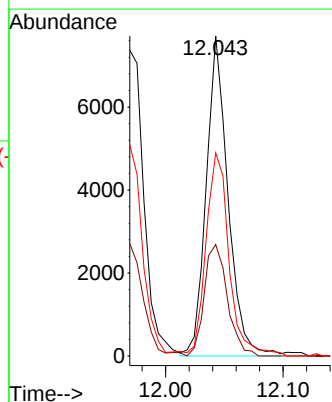
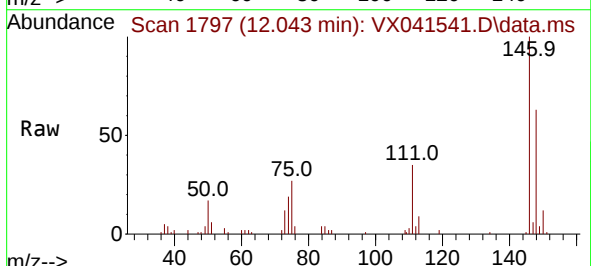
RT: 12.043 min Scan# 1797

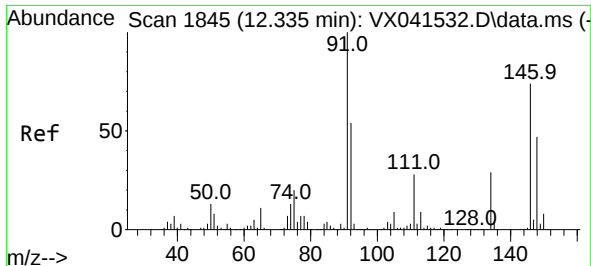
Delta R.T. 0.000 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

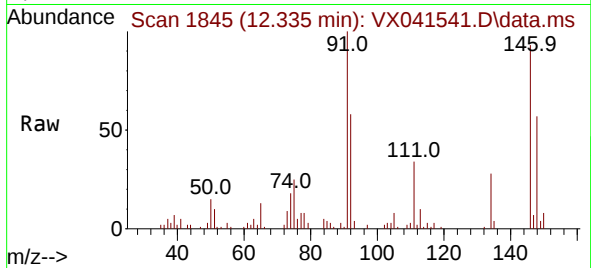
Tgt Ion:	146	Resp:	9932
Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.8	53.5
148	66.9	31.9	95.5





#85
n-Butylbenzene
Concen: 1.820 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

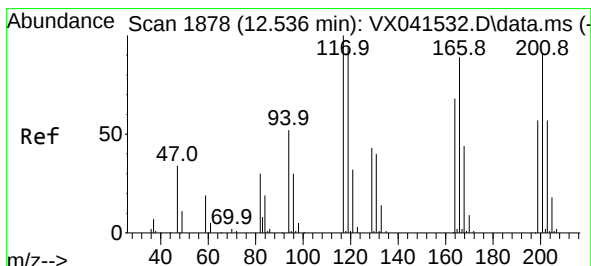
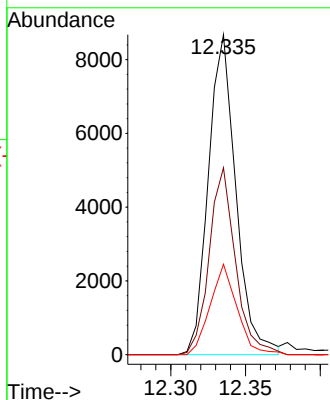
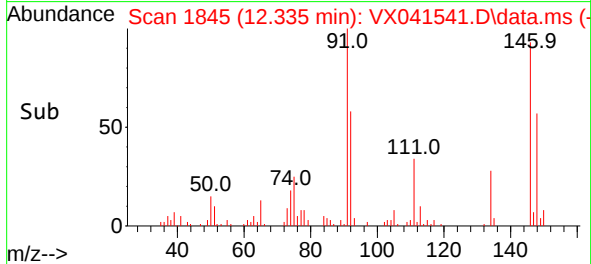
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 91 Resp: 1112
Ion Ratio Lower Upper
91 100
92 55.9 0.0 108.4
134 27.7 0.0 56.6

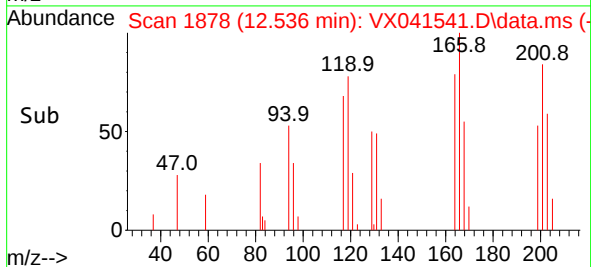
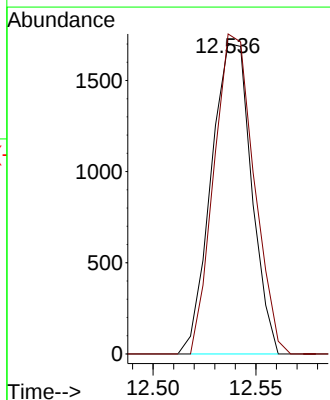
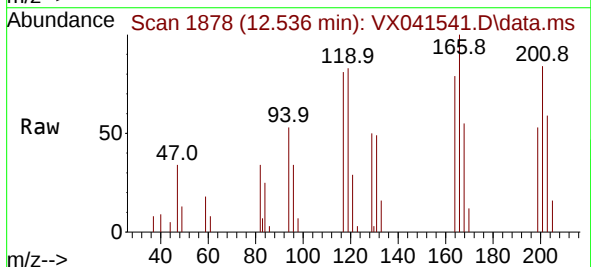
Manual Integrations
APPROVED

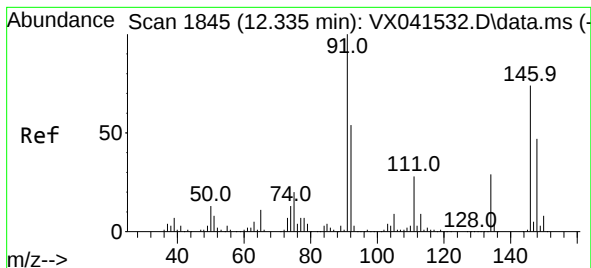
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#86
Hexachloroethane
Concen: 1.814 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion:117 Resp: 2319
Ion Ratio Lower Upper
117 100
201 102.2 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 2.413 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041541.D

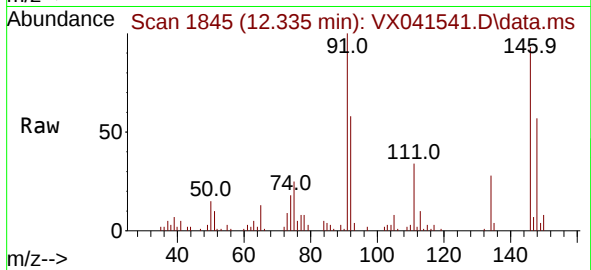
Acq: 15 May 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:146 Resp: 10604

Ion Ratio Lower Upper

146 100

111 37.1 19.3 57.9

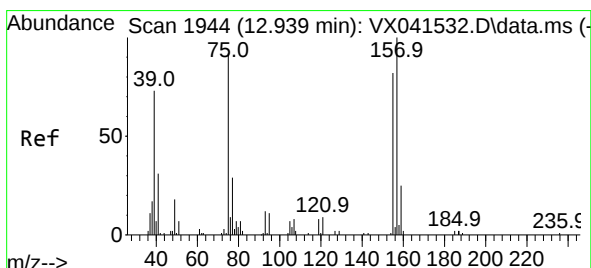
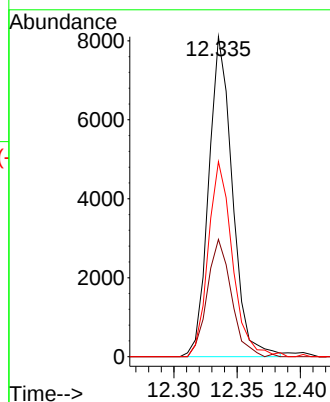
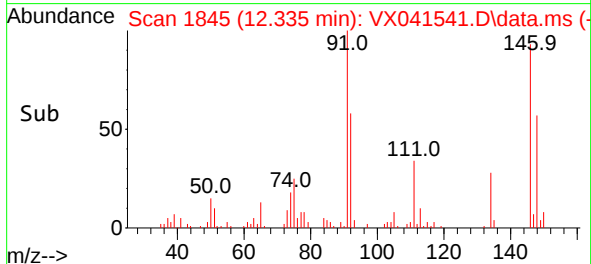
148 62.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.034 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041541.D

Acq: 15 May 2024 15:57

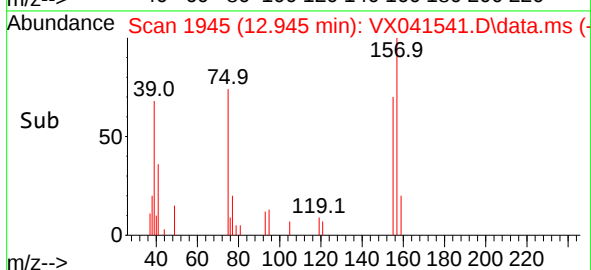
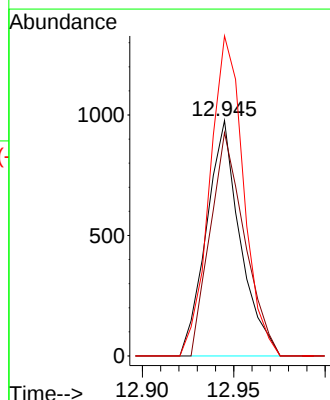
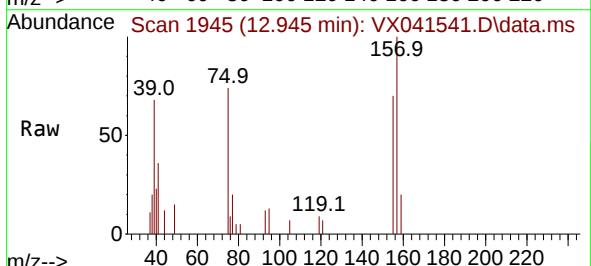
Tgt Ion: 75 Resp: 1254

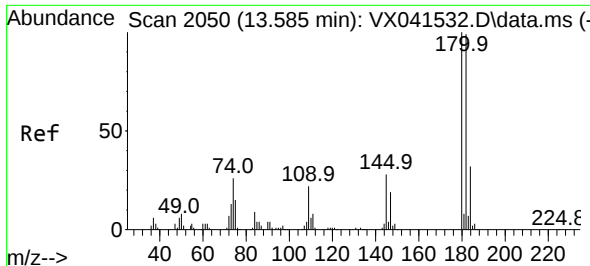
Ion Ratio Lower Upper

75 100

155 96.5 80.4 120.6

157 136.3 102.2 153.2





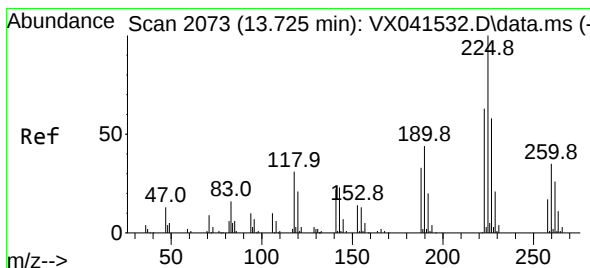
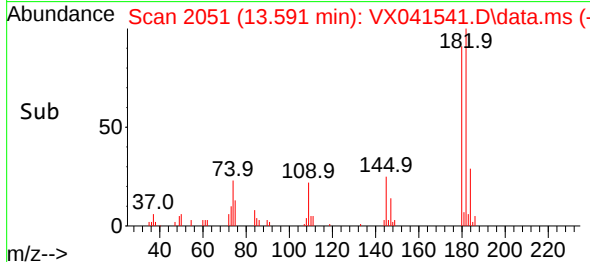
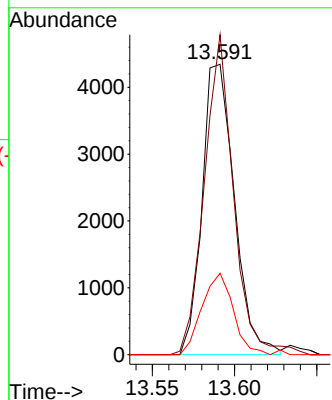
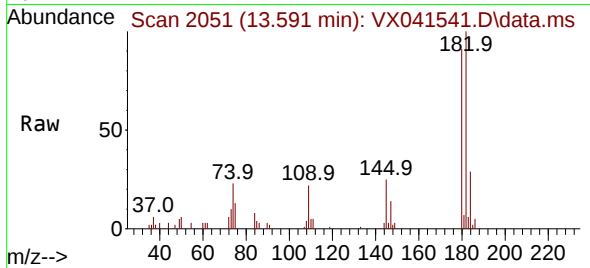
#89
1,2,4-Trichlorobenzene
Concen: 2.012 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.0	115.4
145	27.0	22.7	34.1

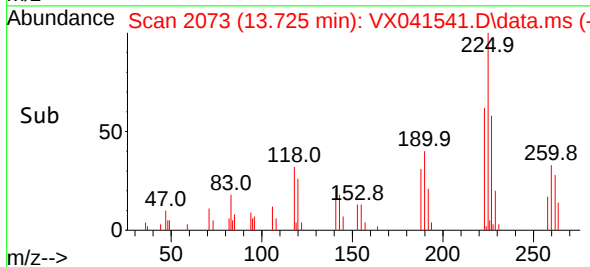
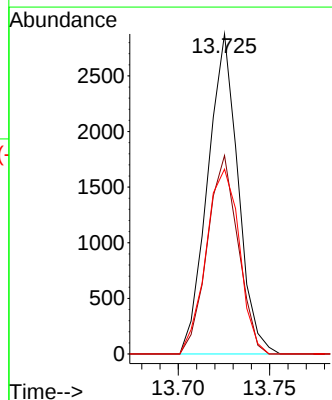
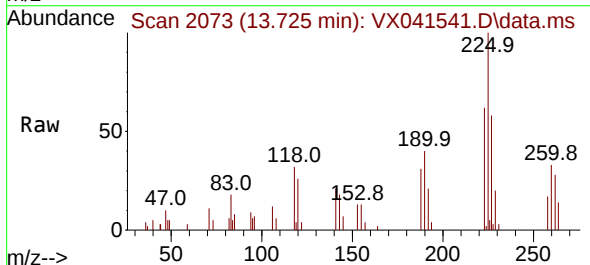
Manual Integrations
APPROVED

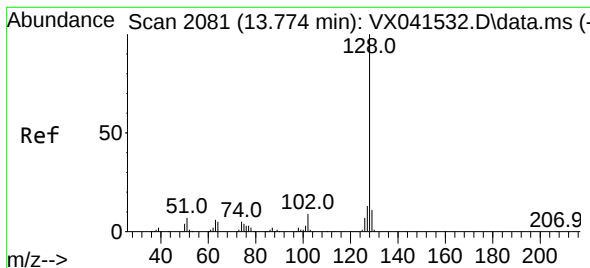
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#90
Hexachlorobutadiene
Concen: 2.311 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

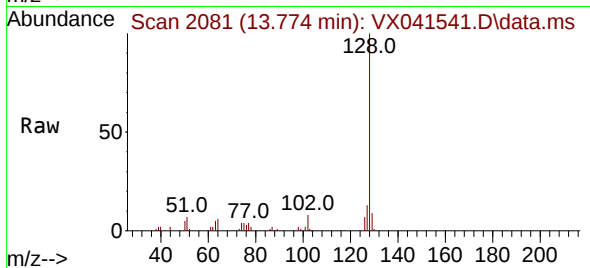
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	125.8
227	63.5	0.0	125.6





#91
Naphthalene
Concen: 2.023 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

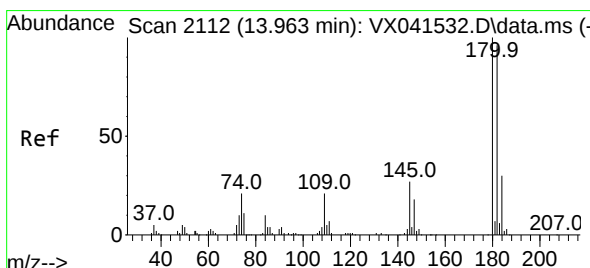
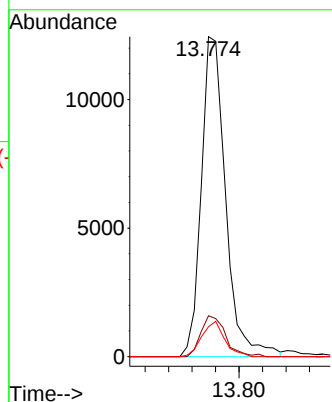
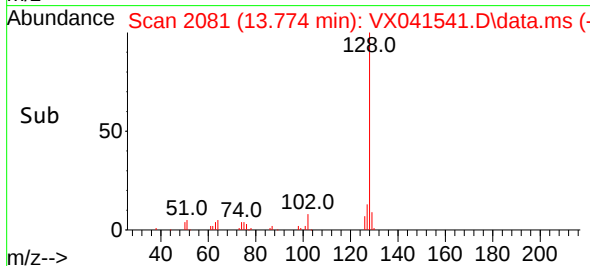
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 1785
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 2.167 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041541.D
Acq: 15 May 2024 15:57

Tgt Ion:180 Resp: 6538
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.0
145 30.5 0.0 58.6

