

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048581.D
 Acq On : 12 Nov 2025 16:15
 Operator : JC/MD
 Sample : Q2893-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Nov 14 00:29:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	212331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	358301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	337581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	126231	42.665	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.320%		
35) Dibromofluoromethane	5.373	113	111982	41.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.580%		
50) Toluene-d8	8.635	98	391730	46.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.640%		
62) 4-Bromofluorobenzene	11.061	95	143340	45.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	4280	2.488	ug/l	92
3) Chloromethane	1.301	50	5366	2.351	ug/l	99
4) Vinyl Chloride	1.380	62	5756	2.228	ug/l	91
5) Bromomethane	1.618	94	4447	2.726	ug/l	86
6) Chloroethane	1.697	64	3576	2.113	ug/l	97
7) Trichlorofluoromethane	1.898	101	8664	2.120	ug/l	96
8) Diethyl Ether	2.136	74	3526	2.149	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.337	101	5189	2.193	ug/l	100
10) Methyl Iodide	2.459	142	7215	2.060	ug/l	99
11) Tert butyl alcohol	2.934	59	5418	9.664	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	5714	2.312	ug/l	90
13) Acrolein	2.239	56	2154	26.555	ug/l	94
14) Allyl chloride	2.660	41	9207	2.001	ug/l	97
15) Acrylonitrile	3.063	53	15013	9.173	ug/l	93
16) Acetone	2.374	43	13577	9.694	ug/l	97
17) Carbon Disulfide	2.520	76	14983	2.154	ug/l	97
18) Methyl Acetate	2.697	43	7188	1.868	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	17243	1.975	ug/l	92
20) Methylene Chloride	2.788	84	6068	2.107	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	5872	2.241	ug/l	98
22) Diisopropyl ether	3.751	45	18790	2.126	ug/l #	80
23) Vinyl Acetate	3.721	43	74691	9.651	ug/l	97
24) 1,1-Dichloroethane	3.599	63	11126	2.295	ug/l	92
25) 2-Butanone	4.550	43	22446	10.834	ug/l	94
26) 2,2-Dichloropropane	4.459	77	8869	2.146	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	6830	2.133	ug/l	98
28) Bromochloromethane	4.891	49	4638	1.947	ug/l #	94
29) Tetrahydrofuran	5.001	42	14598	9.879	ug/l	98
30) Chloroform	5.080	83	10598	2.117	ug/l	93
31) Cyclohexane	5.465	56	7760	1.953	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	8967	2.053	ug/l	98
36) 1,1-Dichloropropene	5.684	75	7817	2.153	ug/l	92
37) Ethyl Acetate	4.702	43	8772	1.716	ug/l	100
38) Carbon Tetrachloride	5.672	117	8898	2.153	ug/l	90
39) Methylcyclohexane	7.367	83	8712	2.137	ug/l #	81
40) Benzene	6.025	78	23468	2.085	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048581.D
 Acq On : 12 Nov 2025 16:15
 Operator : JC/MD
 Sample : Q2893-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Nov 14 00:29:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	4028	1.792	ug/l #	73
42) 1,2-Dichloroethane	6.080	62	7286	1.889	ug/l	92
43) Isopropyl Acetate	6.324	43	12851	1.789	ug/l	98
44) Trichloroethene	7.117	130	5958	2.214	ug/l	97
45) 1,2-Dichloropropane	7.415	63	5694	2.200	ug/l	98
46) Dibromomethane	7.568	93	4740	2.511	ug/l	88
47) Bromodichloromethane	7.812	83	7996	2.123	ug/l	94
48) Methyl methacrylate	7.684	41	6398	2.003	ug/l	97
49) 1,4-Dioxane	7.653	88	1837	37.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	44057	10.772	ug/l	99
52) Toluene	8.702	92	14074	2.375	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	7886	2.032	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	9147	2.276	ug/l	98
55) 1,1,2-Trichloroethane	9.141	97	6119	2.584	ug/l #	84
56) Ethyl methacrylate	9.104	69	8752	2.222	ug/l	99
57) 1,3-Dichloropropane	9.293	76	9795	2.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	17586	8.304	ug/l	100
59) 2-Hexanone	9.415	43	33839	11.122	ug/l	97
60) Dibromochloromethane	9.506	129	7071	2.432	ug/l	98
61) 1,2-Dibromoethane	9.598	107	6204	2.419	ug/l	99
64) Tetrachloroethene	9.257	164	5506	2.246	ug/l	98
65) Chlorobenzene	10.061	112	16630	2.075	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.147	131	5462	2.034	ug/l	96
67) Ethyl Benzene	10.177	91	27393	2.036	ug/l	98
68) m/p-Xylenes	10.287	106	20738	4.092	ug/l	97
69) o-Xylene	10.628	106	9986	2.014	ug/l	97
70) Styrene	10.640	104	16789	2.019	ug/l	98
71) Bromoform	10.787	173	4541	1.833	ug/l #	95
73) Isopropylbenzene	10.945	105	24038	2.051	ug/l	100
74) N-amyl acetate	10.829	43	11029	1.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	8857	2.143	ug/l	98
76) 1,2,3-Trichloropropane	11.226	75	7463m	1.919	ug/l	
77) Bromobenzene	11.183	156	6733	2.225	ug/l	97
78) n-propylbenzene	11.287	91	28132	2.041	ug/l	98
79) 2-Chlorotoluene	11.348	91	17261	2.073	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	19307	2.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	2486	1.828	ug/l #	88
82) 4-Chlorotoluene	11.439	91	20704	2.120	ug/l	100
83) tert-Butylbenzene	11.695	119	20755	2.100	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	19879	2.062	ug/l	99
85) sec-Butylbenzene	11.872	105	25269	2.069	ug/l	99
86) p-Isopropyltoluene	11.994	119	20696	2.016	ug/l	96
87) 1,3-Dichlorobenzene	11.951	146	12419	2.190	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	12369	2.111	ug/l	85
89) n-Butylbenzene	12.317	91	19078	1.981	ug/l	98
90) Hexachloroethane	12.518	117	3828	1.957	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	11945	2.194	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.927	75	1921	2.000	ug/l	94
93) 1,2,4-Trichlorobenzene	13.573	180	7123	1.969	ug/l	94
94) Hexachlorobutadiene	13.707	225	2994	1.979	ug/l	97
95) Naphthalene	13.756	128	21569	1.854	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	7170	2.130	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
Data File : VX048581.D
Acq On : 12 Nov 2025 16:15
Operator : JC/MD
Sample : Q2893-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 00:29:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

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

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

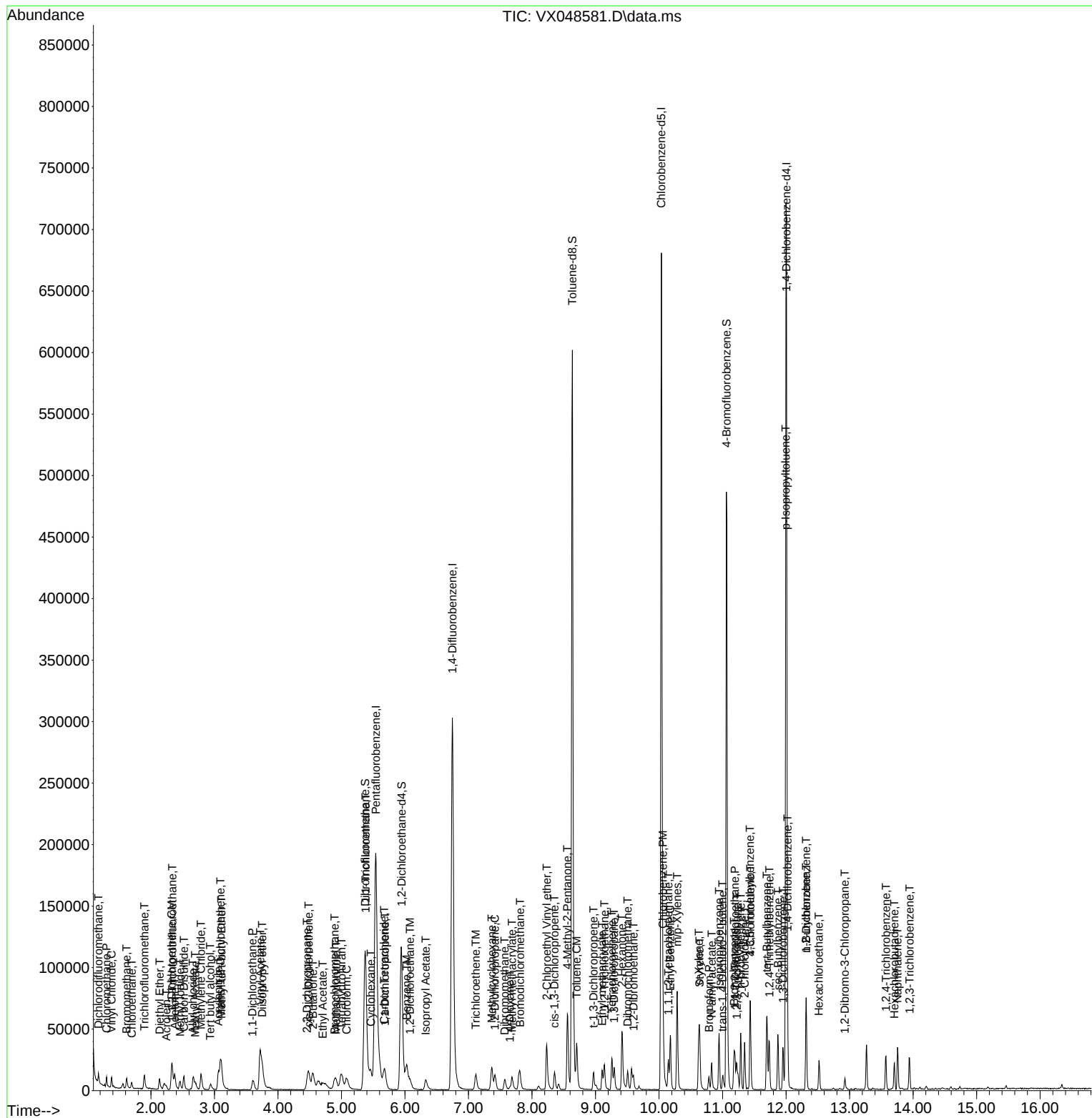
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\  
Data File : VX048581.D  
Acq On    : 12 Nov 2025  16:15  
Operator  : JC/MD  
Sample    : Q2893-07 2.5PPB  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 20   Sample Multiplier: 1
```

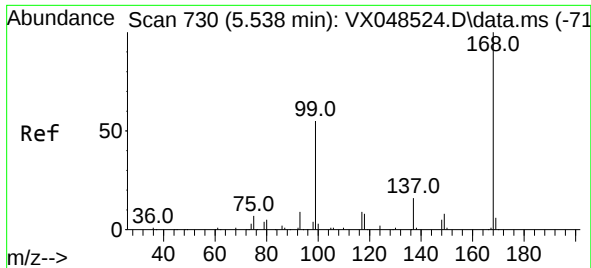
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Manual Integrations

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 00:29:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration





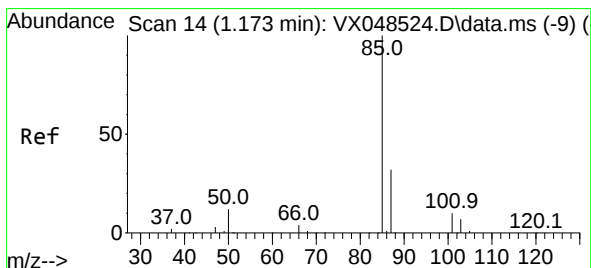
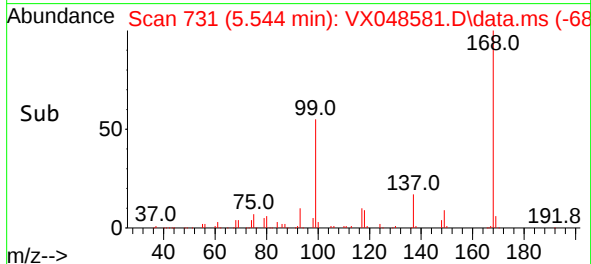
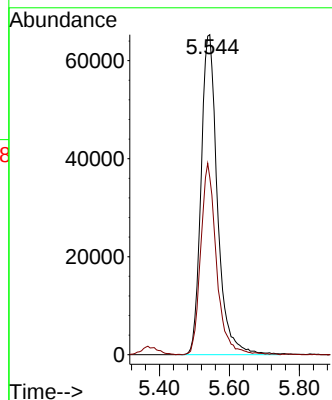
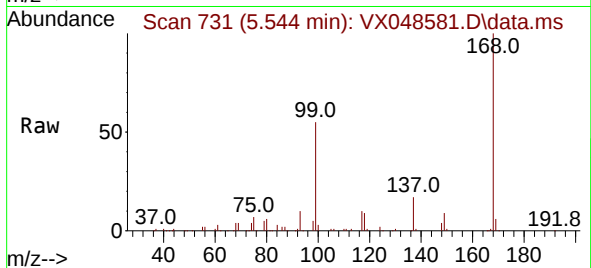
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:168 Resp: 21233
Ion Ratio Lower Upper
168 100
99 55.3 45.2 67.8

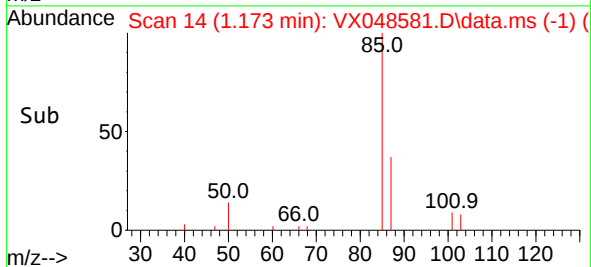
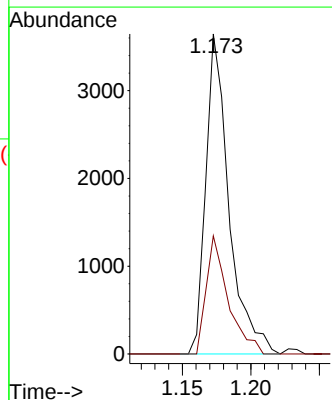
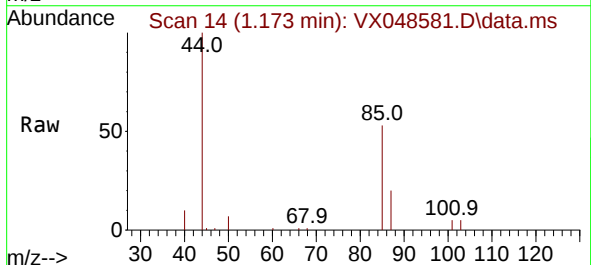
Manual Integrations
APPROVED

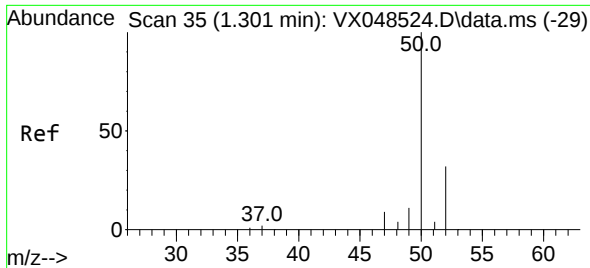
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#2
Dichlorodifluoromethane
Concen: 2.488 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 85 Resp: 4280
Ion Ratio Lower Upper
85 100
87 36.9 16.2 48.6





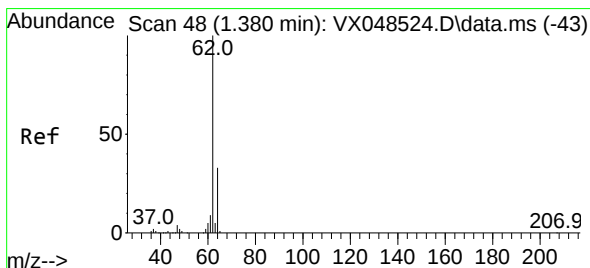
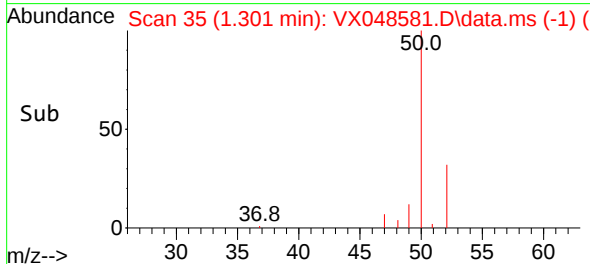
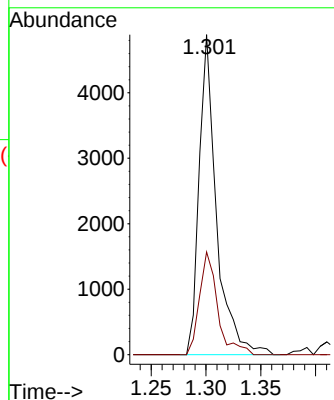
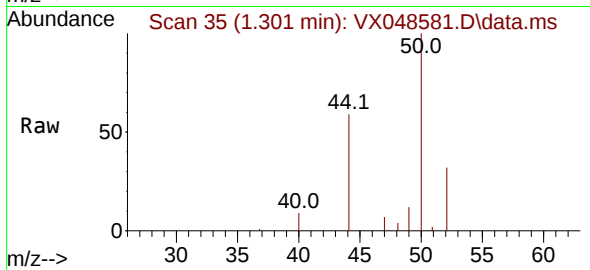
#3
Chloromethane
Concen: 2.351 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 50 Resp: 5360
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0

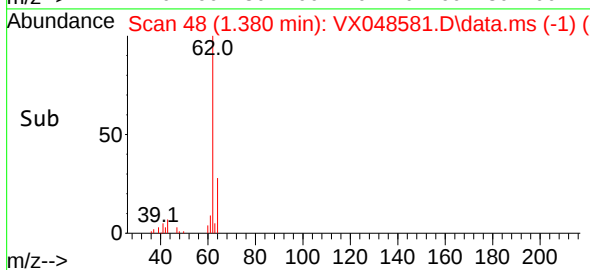
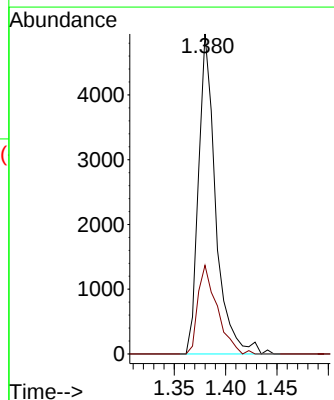
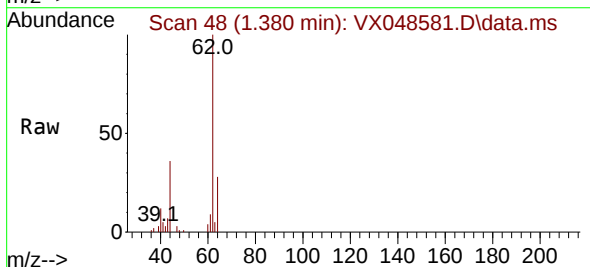
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#4
Vinyl Chloride
Concen: 2.228 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

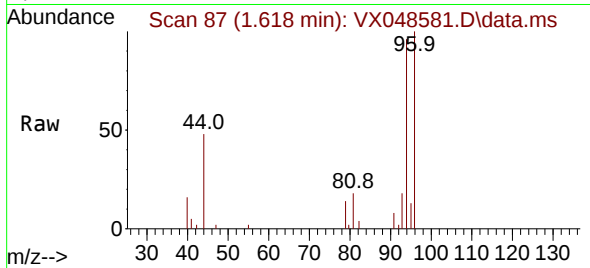
Tgt Ion: 62 Resp: 5756
Ion Ratio Lower Upper
62 100
64 27.7 26.2 39.4





#5
Bromomethane
Concen: 2.726 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

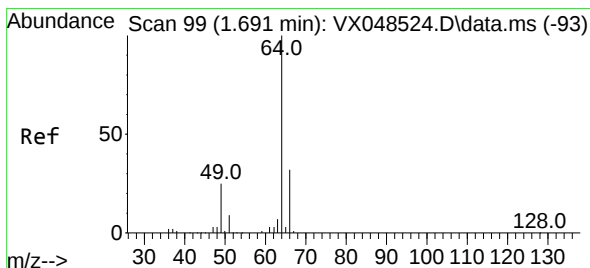
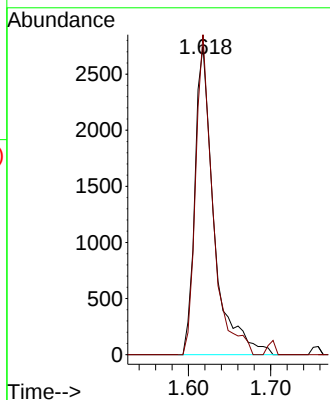
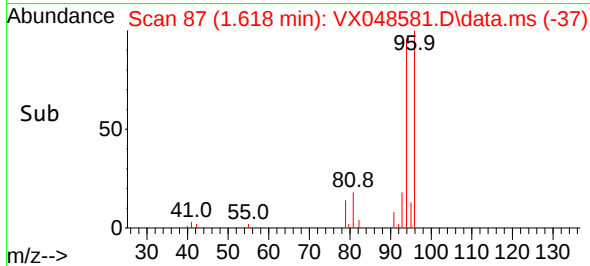
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 103.8 72.3 108.5

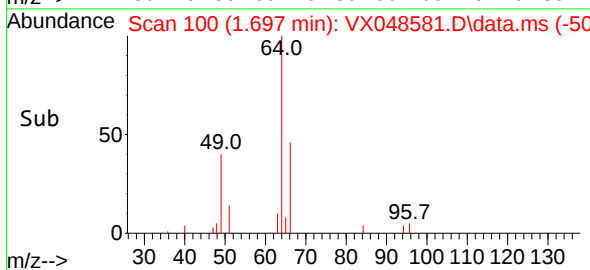
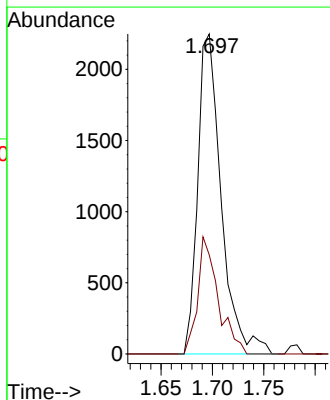
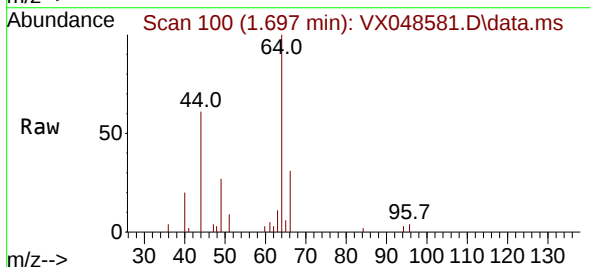
Manual Integrations
APPROVED

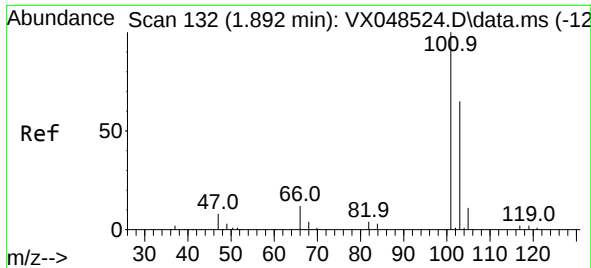
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#6
Chloroethane
Concen: 2.113 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 64 Resp: 3576
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9





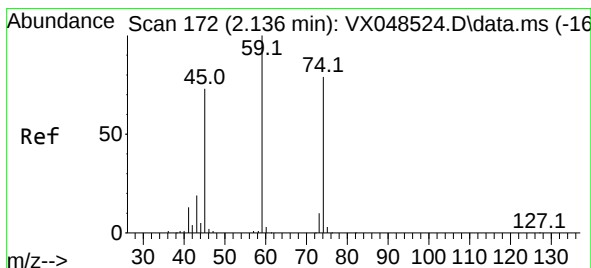
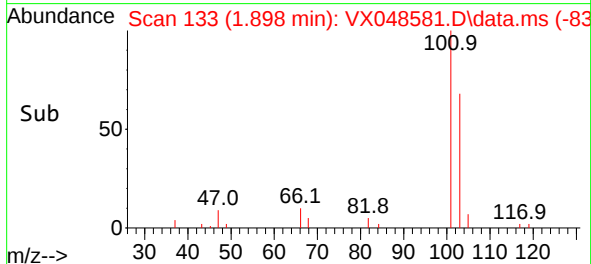
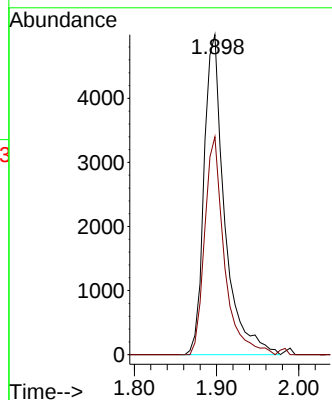
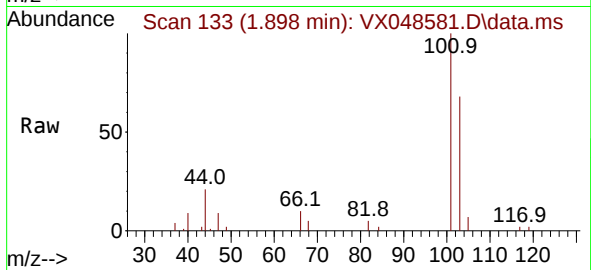
#7
Trichlorofluoromethane
Concen: 2.120 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:101 Resp: 866
Ion Ratio Lower Upper
101 100
103 68.1 51.7 77.5

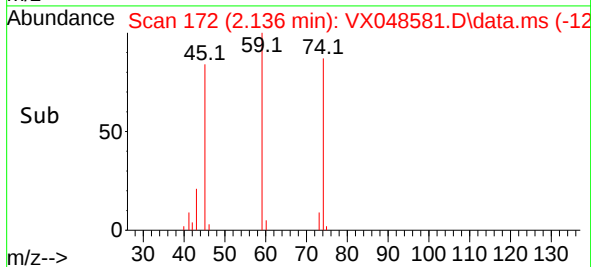
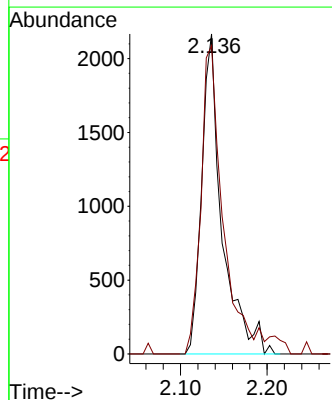
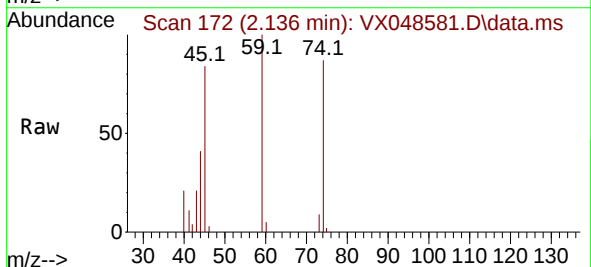
Manual Integrations
APPROVED

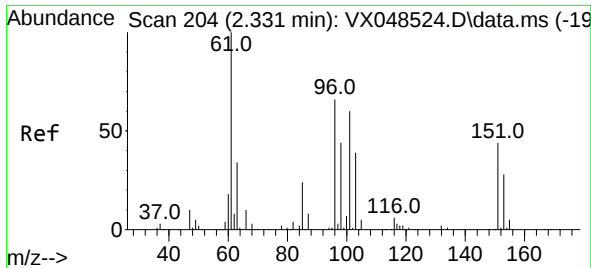
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#8
Diethyl Ether
Concen: 2.149 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 74 Resp: 3526
Ion Ratio Lower Upper
74 100
45 102.2 45.9 137.6





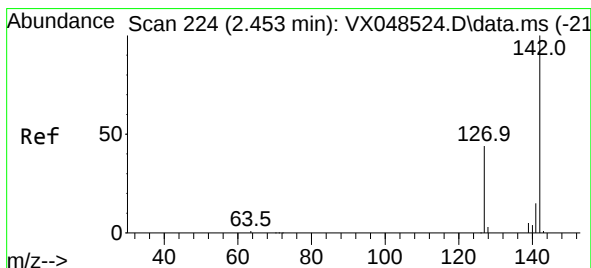
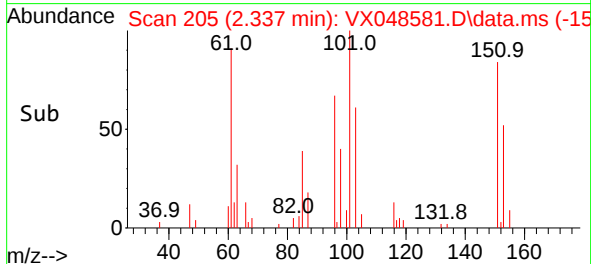
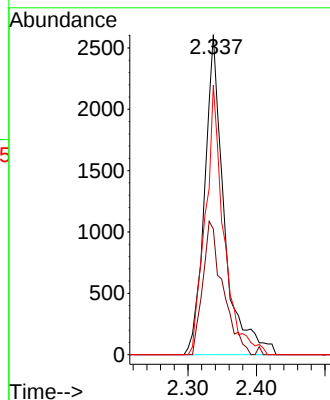
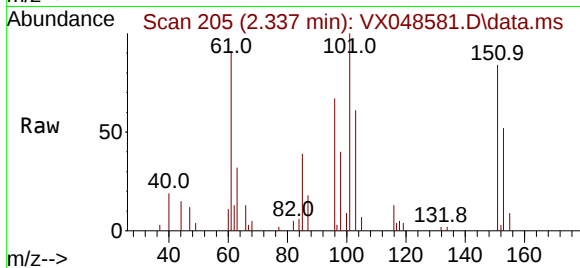
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.193 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:101 Resp: 5189
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 79.5 63.1 94.7

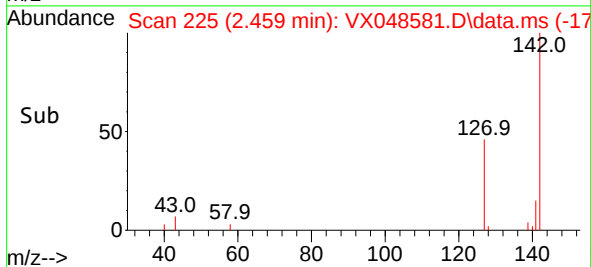
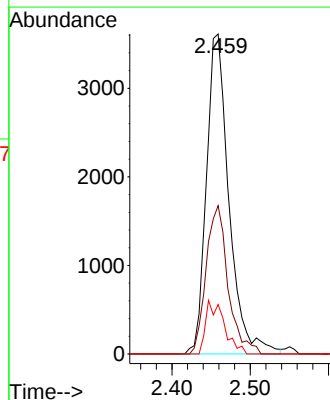
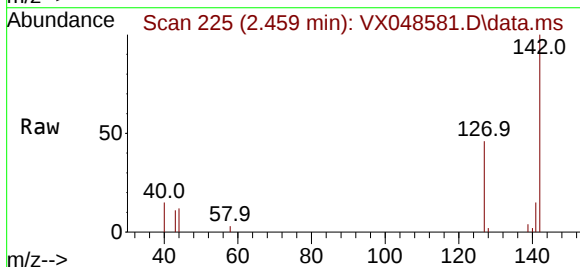
Manual Integrations
APPROVED

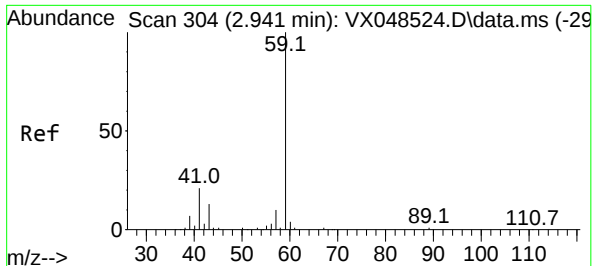
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#10
Methyl Iodide
Concen: 2.060 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:142 Resp: 7215
Ion Ratio Lower Upper
142 100
127 45.2 35.8 53.6
141 13.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 9.664 ug/l

RT: 2.934 min Scan# 304

Delta R.T. -0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 59 Resp: 5418

Ion Ratio Lower Upper

59 100

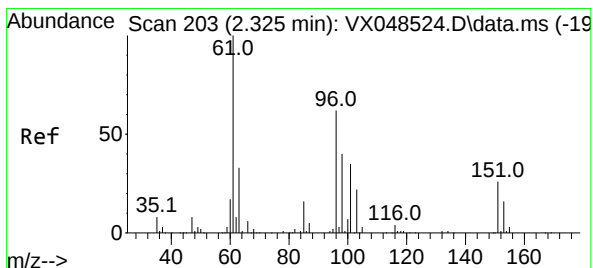
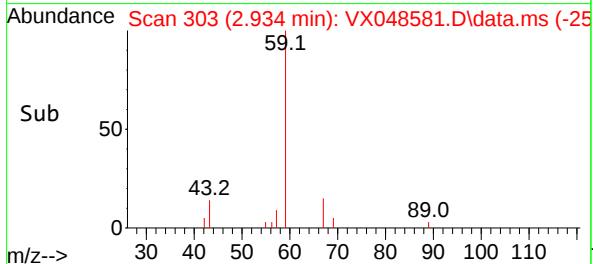
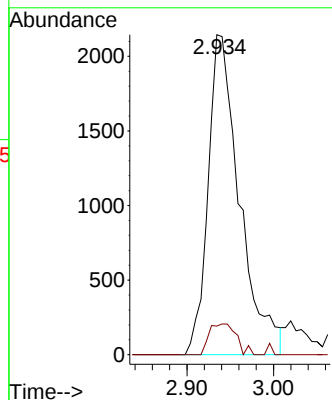
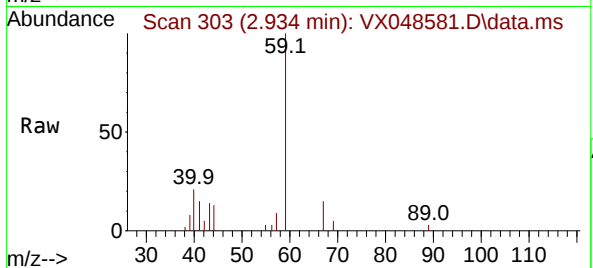
57 8.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#12

1,1-Dichloroethene

Concen: 2.312 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

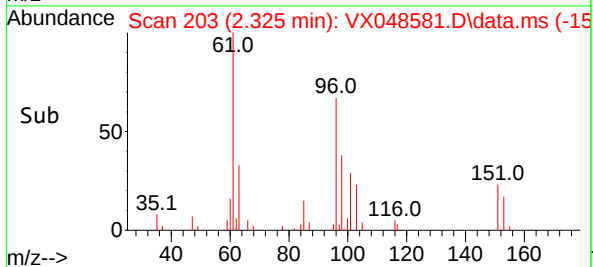
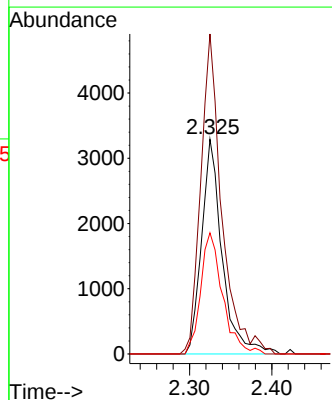
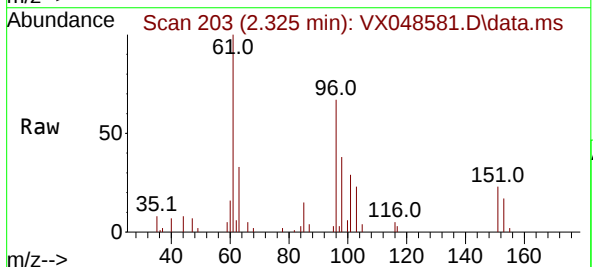
Tgt Ion: 96 Resp: 5714

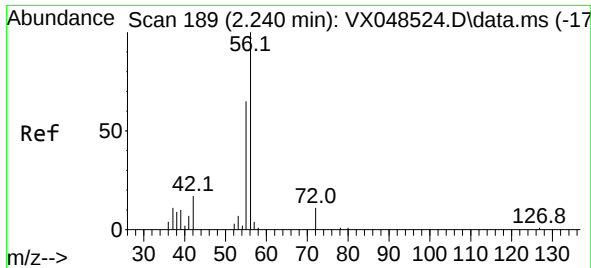
Ion Ratio Lower Upper

96 100

61 149.0 129.8 194.6

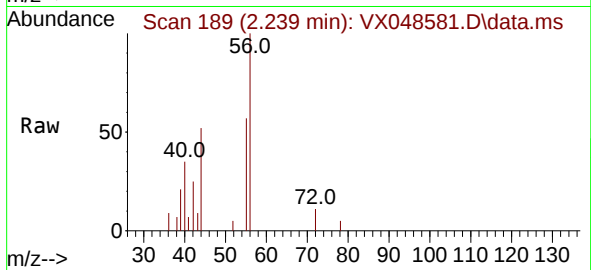
98 56.4 52.3 78.5





#13
Acrolein
Concen: 26.555 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

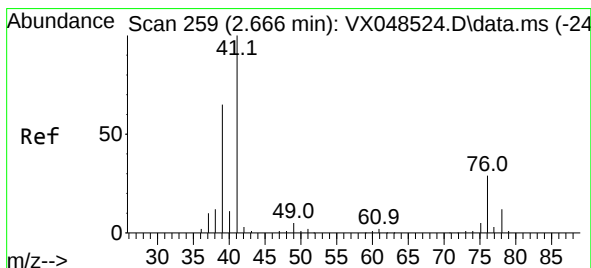
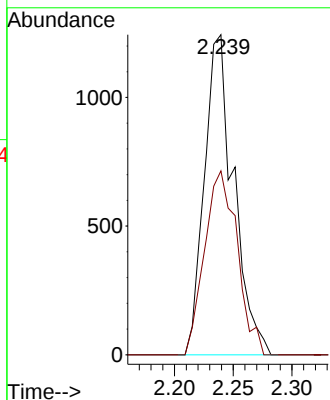
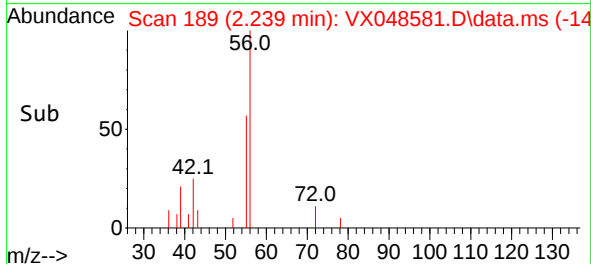
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
55 64.1 54.9 82.3

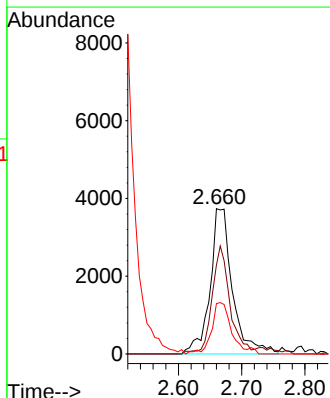
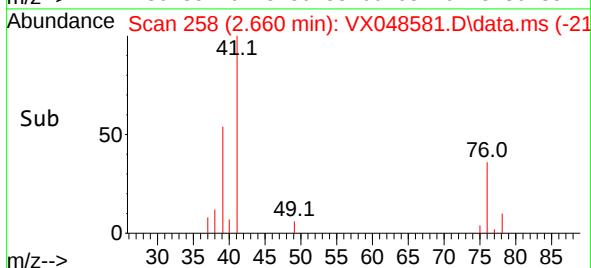
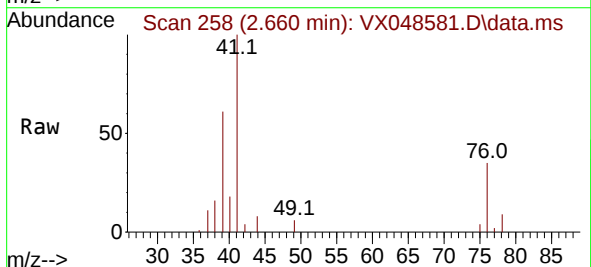
Manual Integrations
APPROVED

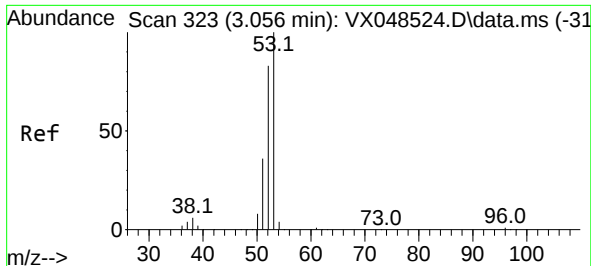
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#14
Allyl chloride
Concen: 2.001 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

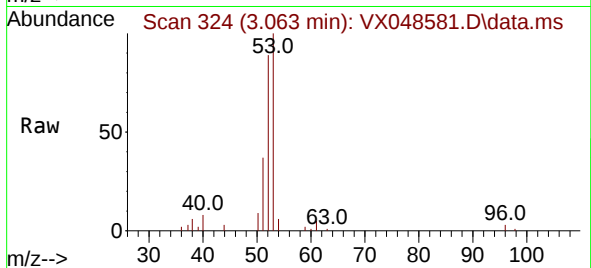
Tgt Ion: 41 Resp: 9207
Ion Ratio Lower Upper
41 100
39 59.4 48.6 73.0
76 31.6 27.7 41.5





#15
Acrylonitrile
Concen: 9.173 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

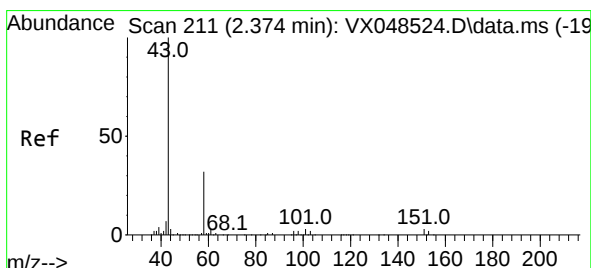
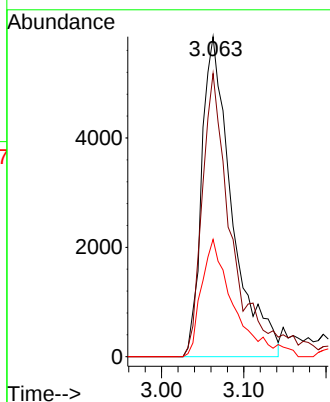
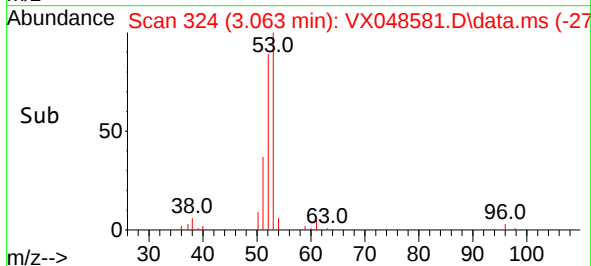
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 53 Resp: 1501
Ion Ratio Lower Upper
53 100
52 89.0 65.3 97.9
51 37.4 27.8 41.6

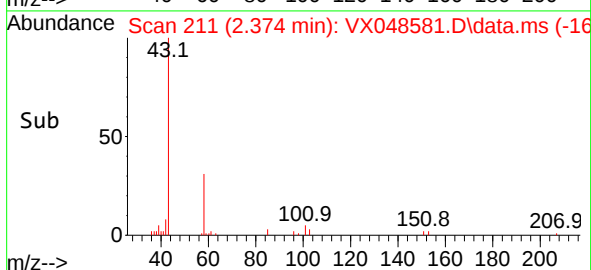
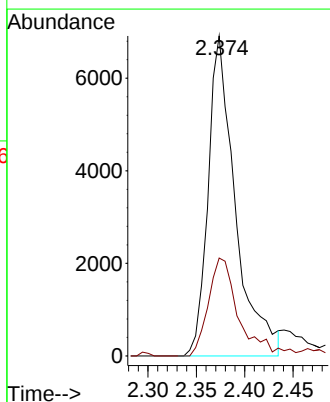
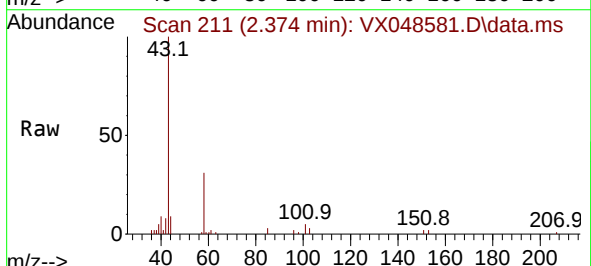
Manual Integrations
APPROVED

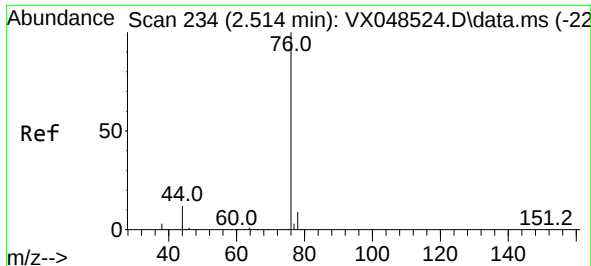
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#16
Acetone
Concen: 9.694 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

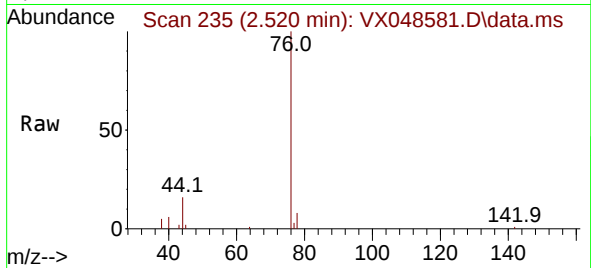
Tgt Ion: 43 Resp: 13577
Ion Ratio Lower Upper
43 100
58 30.6 25.8 38.6





#17
Carbon Disulfide
Concen: 2.154 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

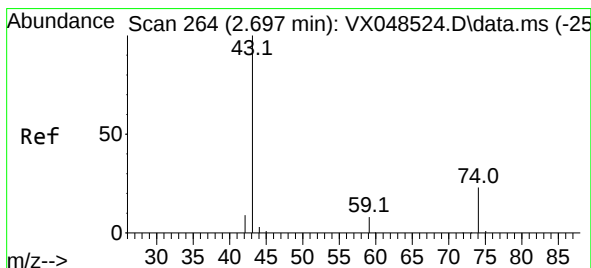
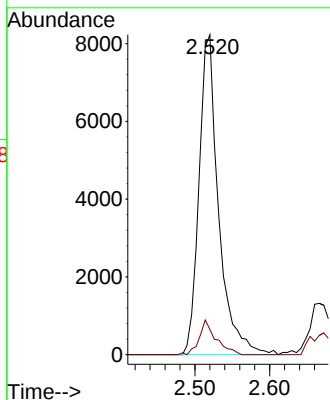
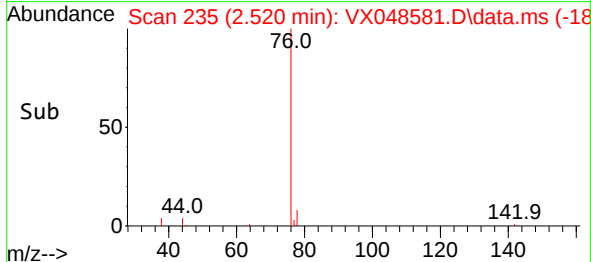
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 76 Resp: 1498
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7

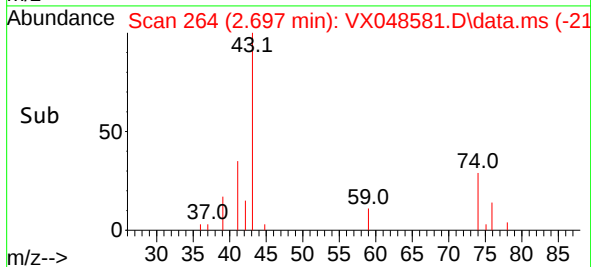
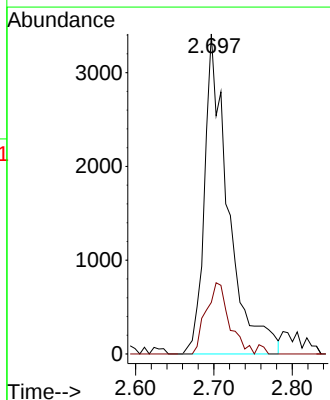
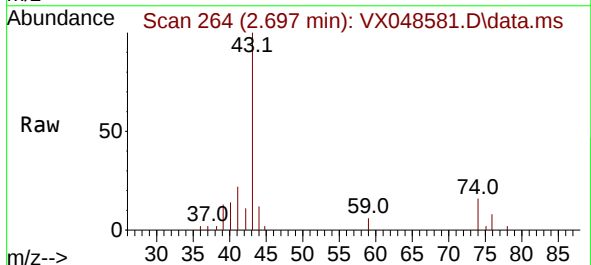
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#18
Methyl Acetate
Concen: 1.868 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
74 21.7 19.1 28.7





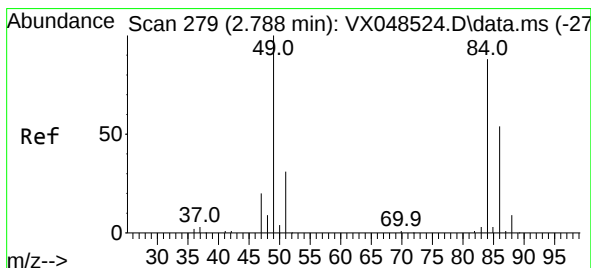
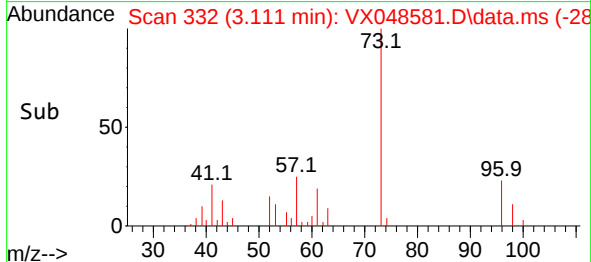
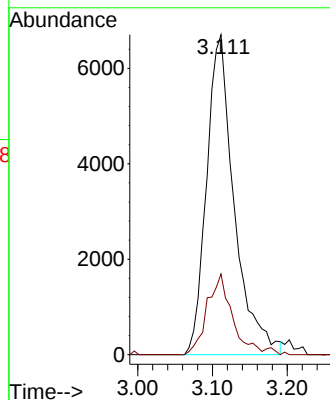
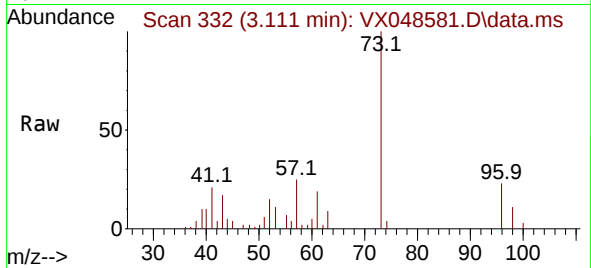
#19
Methyl tert-butyl Ether
Concen: 1.975 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 73 Resp: 1724
Ion Ratio Lower Upper
73 100
57 25.2 17.3 25.9

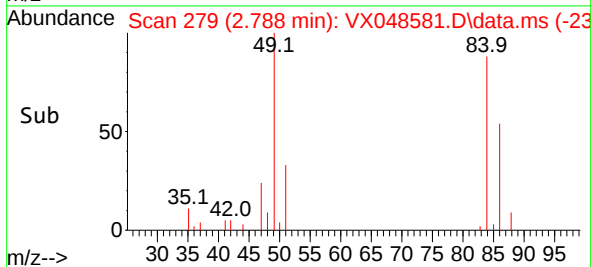
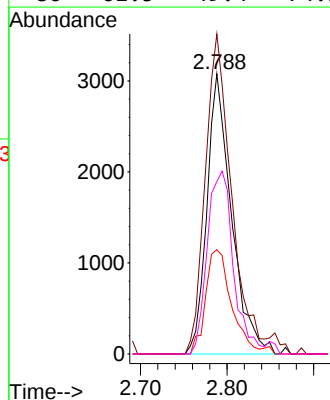
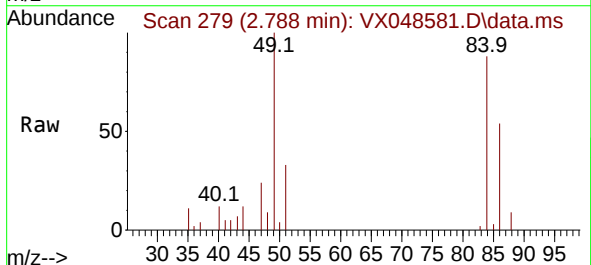
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#20
Methylene Chloride
Concen: 2.107 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

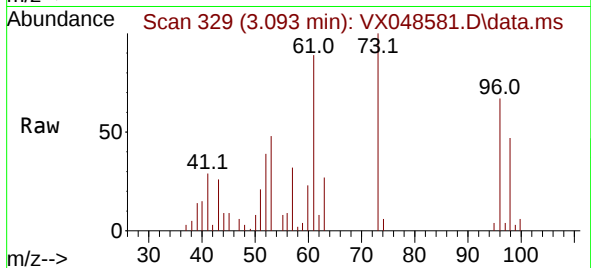
Tgt Ion: 84 Resp: 6068
Ion Ratio Lower Upper
84 100
49 114.2 91.2 136.8
51 37.3 28.3 42.5
86 61.5 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 2.241 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

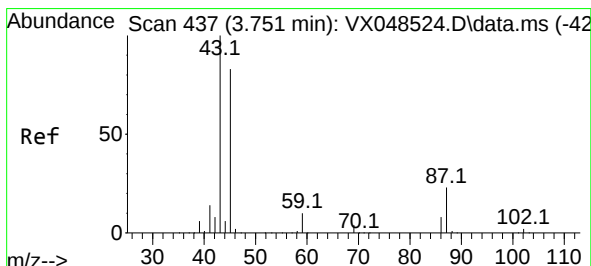
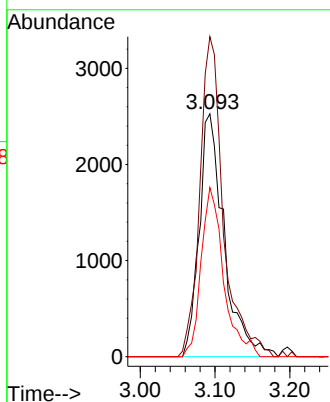
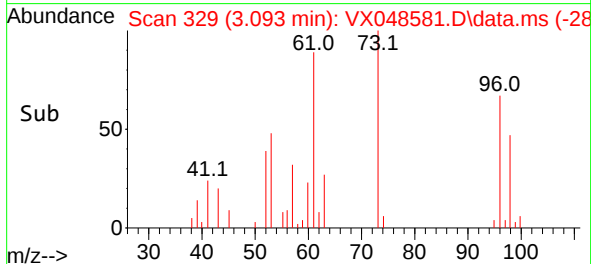
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 5872
Ion Ratio Lower Upper
96 100
61 131.7 106.7 160.1
98 69.6 52.7 79.1

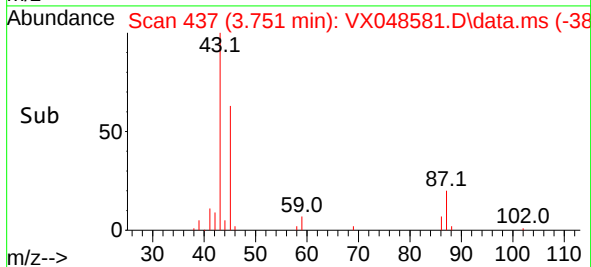
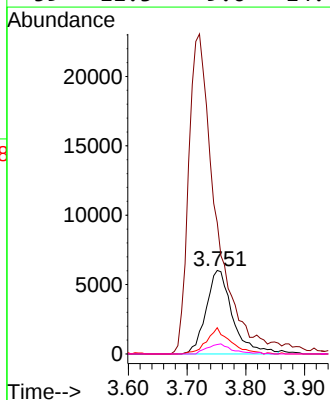
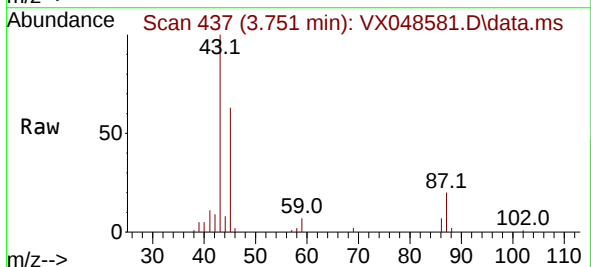
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#22
Diisopropyl ether
Concen: 2.126 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 45 Resp: 18790
Ion Ratio Lower Upper
45 100
43 147.7 96.4 144.6#
87 31.3 21.8 32.6
59 11.3 9.6 14.4





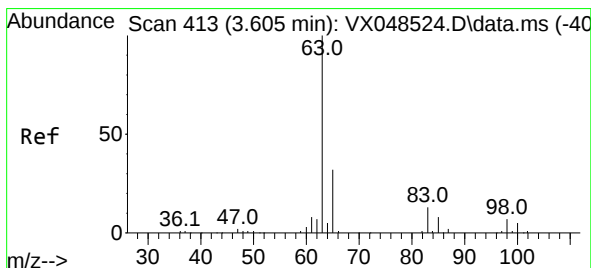
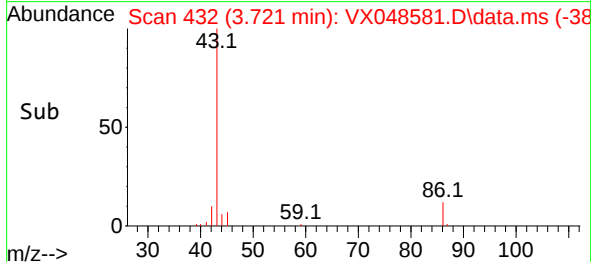
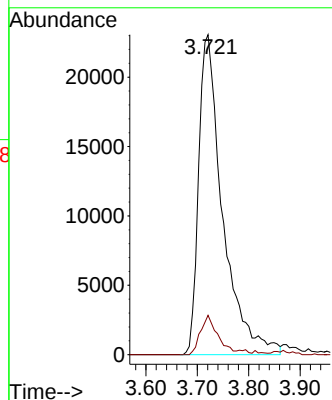
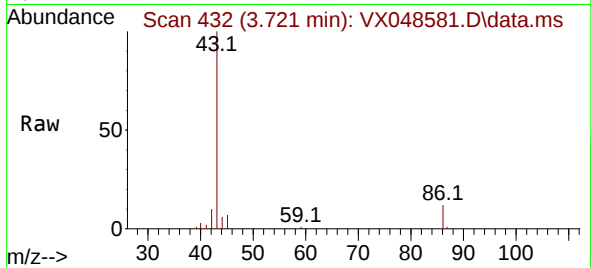
#23
 Vinyl Acetate
 Concen: 9.651 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX048581.D
 Acq: 12 Nov 2025 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 7469
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.0 13.6

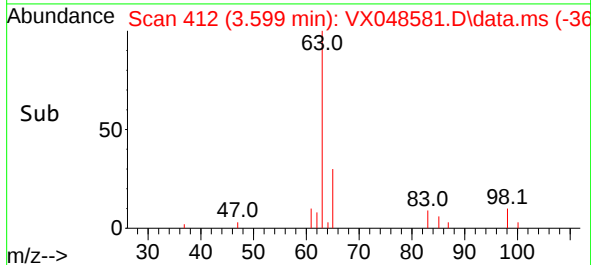
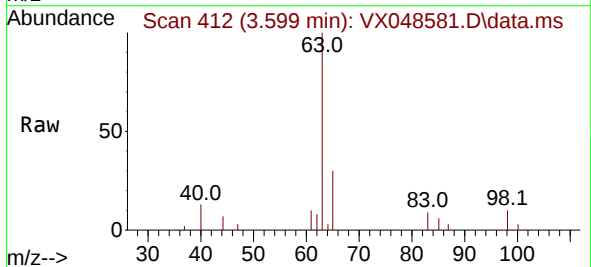
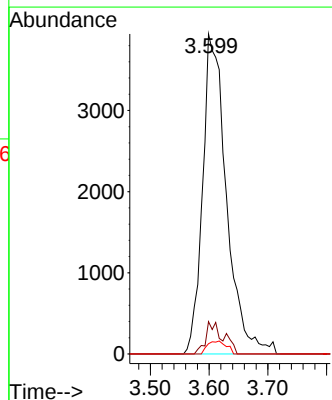
Manual Integrations
 APPROVED

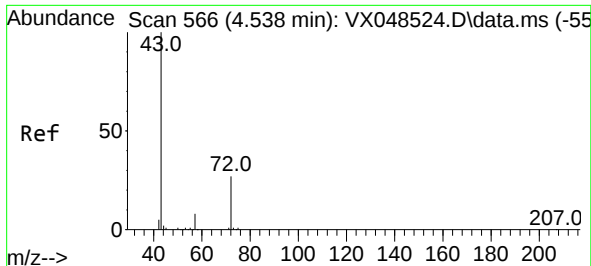
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#24
 1,1-Dichloroethane
 Concen: 2.295 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048581.D
 Acq: 12 Nov 2025 16:15

Tgt Ion: 63 Resp: 11126
 Ion Ratio Lower Upper
 63 100
 98 10.1 3.4 10.2
 100 3.2 2.5 7.4





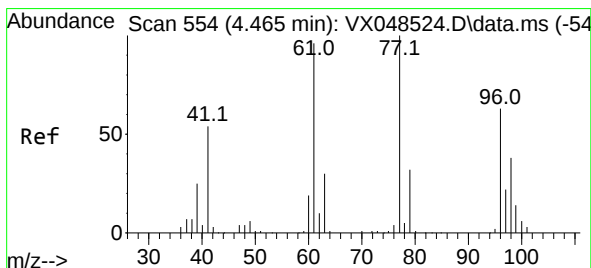
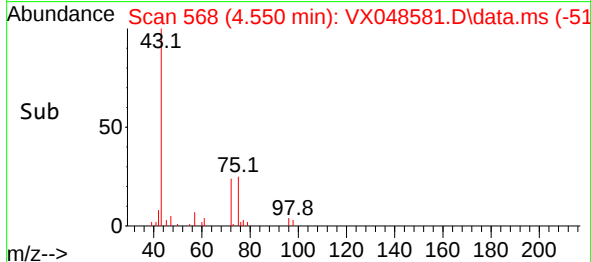
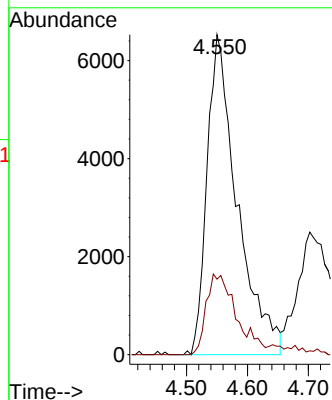
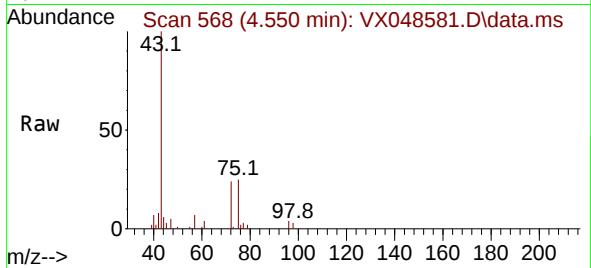
#25
2-Butanone
Concen: 10.834 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
72 23.6 21.5 32.3

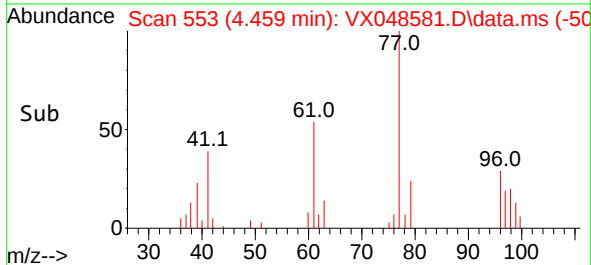
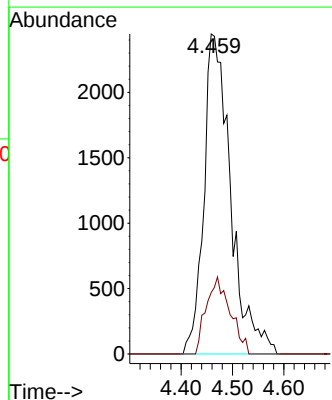
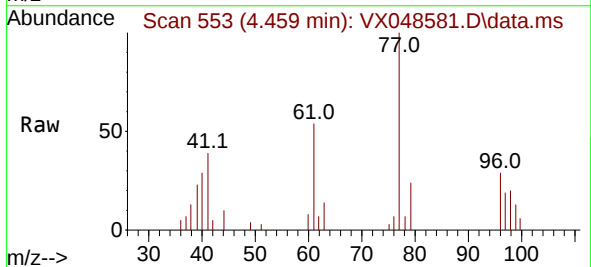
Manual Integrations
APPROVED

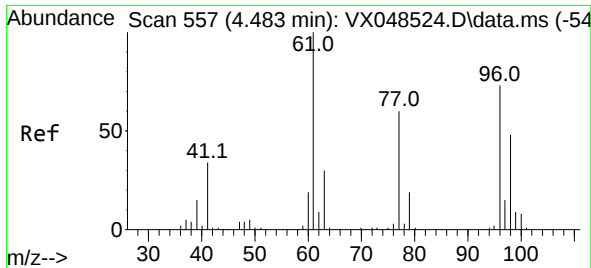
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#26
2,2-Dichloropropane
Concen: 2.146 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 77 Resp: 8869
Ion Ratio Lower Upper
77 100
97 21.4 11.7 35.1





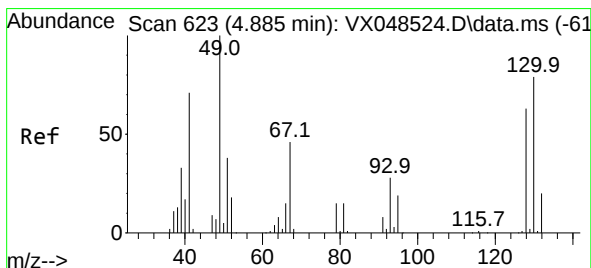
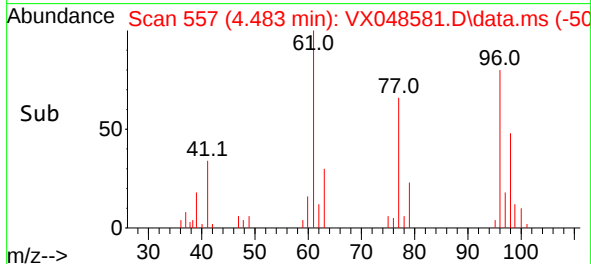
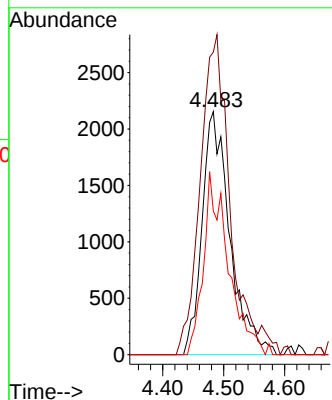
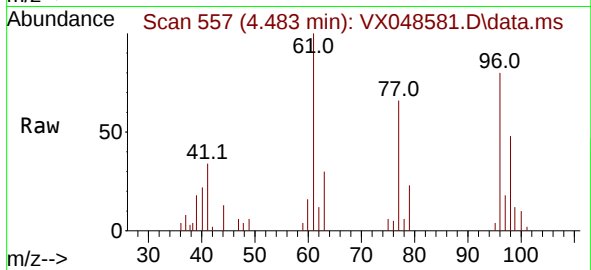
#27
 cis-1,2-Dichloroethene
 Concen: 2.133 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX048581.D
 Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 96 Resp: 6830
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 279.6
 98 66.7 0.0 128.2

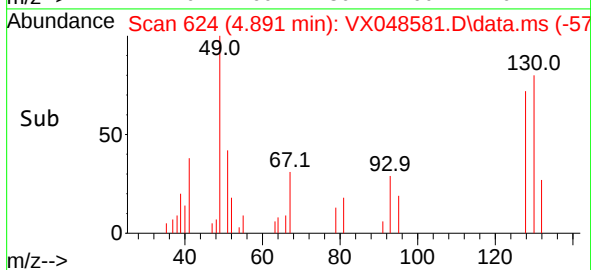
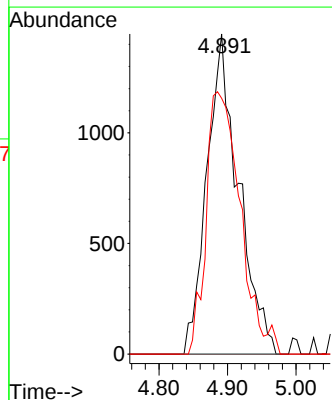
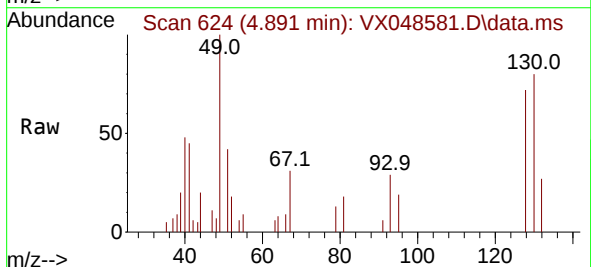
Manual Integrations
 APPROVED

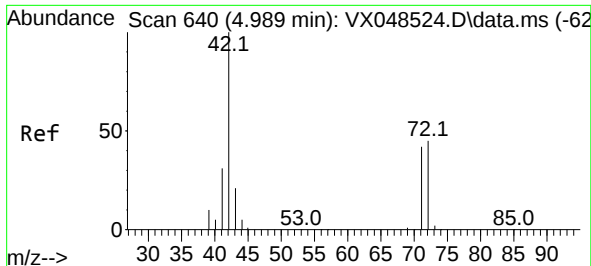
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#28
 Bromochloromethane
 Concen: 1.947 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048581.D
 Acq: 12 Nov 2025 16:15

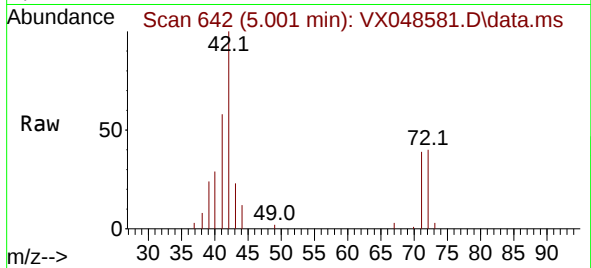
Tgt Ion: 49 Resp: 4638
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 88.2 65.9 98.9





#29
Tetrahydrofuran
Concen: 9.879 ug/l
RT: 5.001 min Scan# 640
Delta R.T. 0.012 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

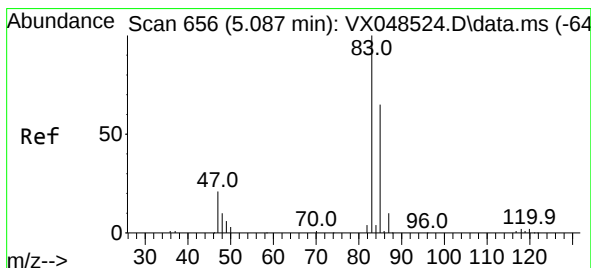
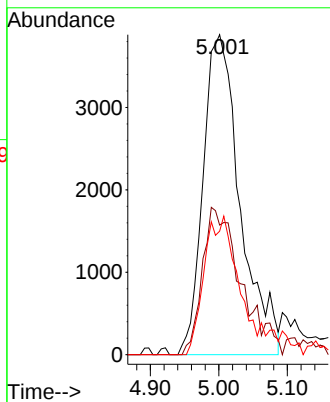
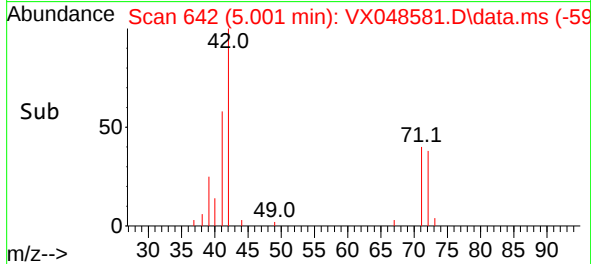
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 42 Resp: 14598
Ion Ratio Lower Upper
42 100
72 47.7 36.3 54.5
71 42.4 34.1 51.1

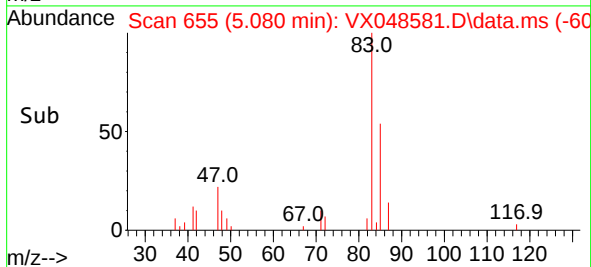
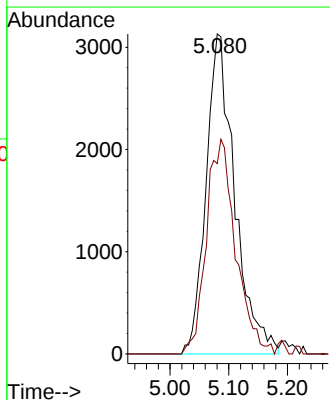
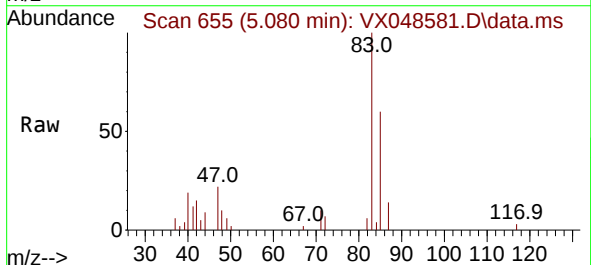
Manual Integrations
APPROVED

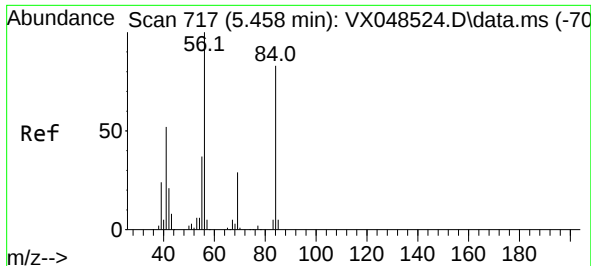
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#30
Chloroform
Concen: 2.117 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

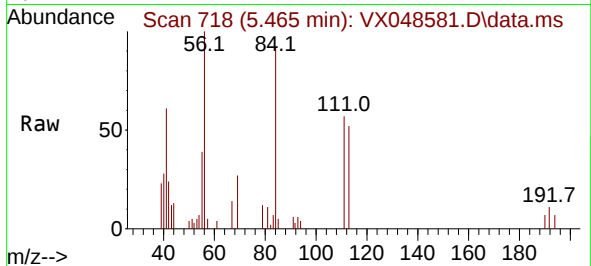
Tgt Ion: 83 Resp: 10598
Ion Ratio Lower Upper
83 100
85 59.5 51.8 77.6





#31
Cyclohexane
Concen: 1.953 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

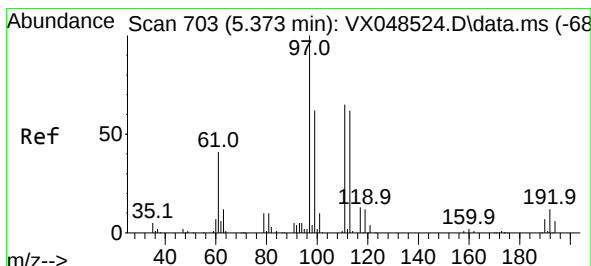
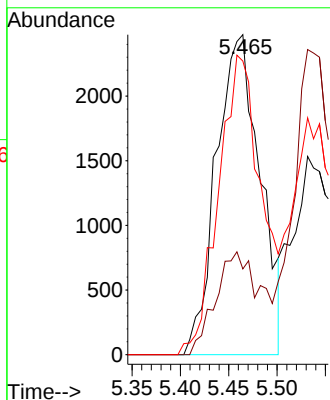
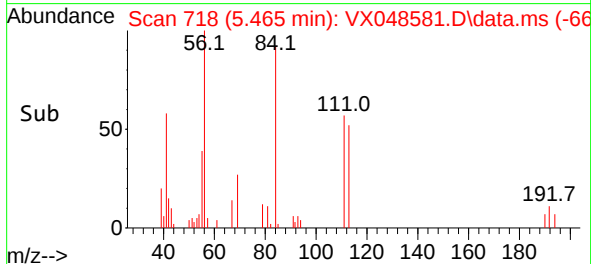
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 56 Resp: 7760
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.2
84 91.8 66.3 99.5

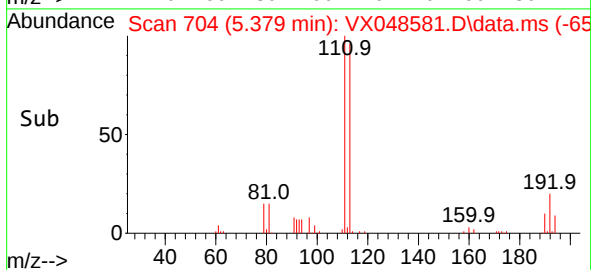
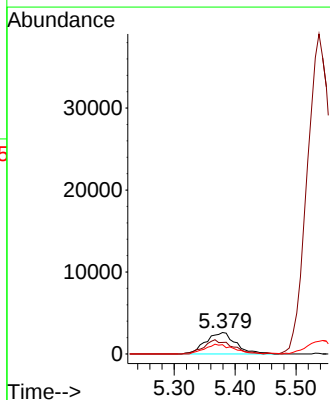
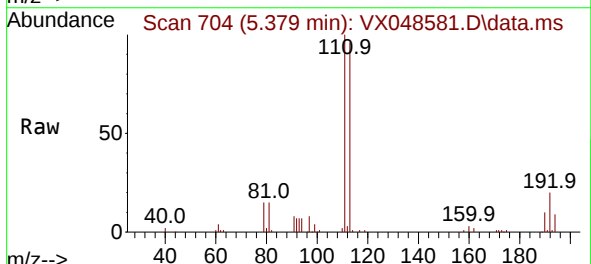
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#32
1,1,1-Trichloroethane
Concen: 2.053 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 97 Resp: 8967
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 43.4 33.4 50.2





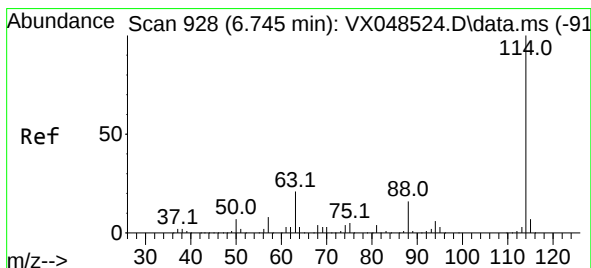
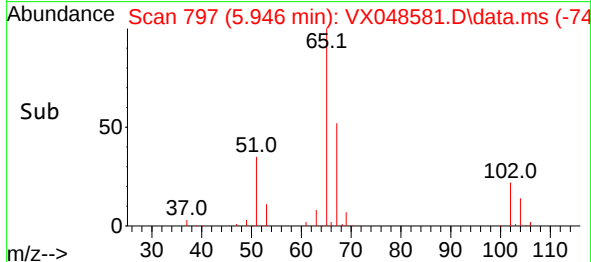
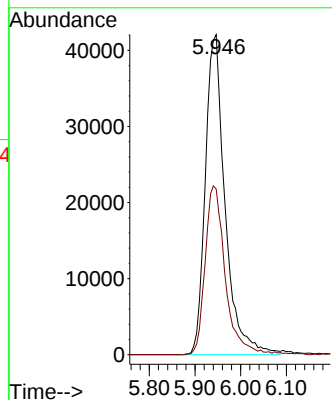
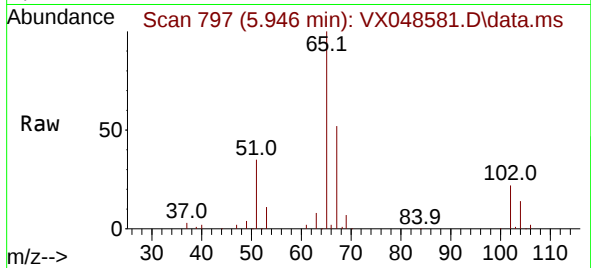
#33
1,2-Dichloroethane-d4
Concen: 42.665 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 12623
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2

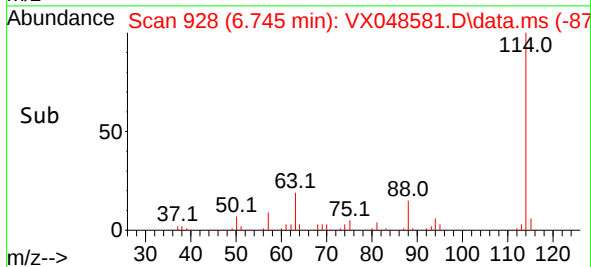
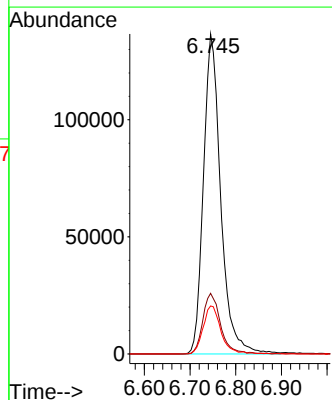
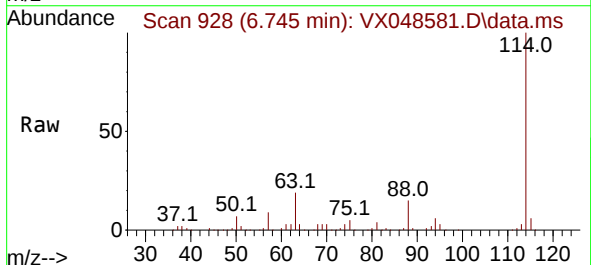
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:114 Resp: 358301
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.2
88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 41.294 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

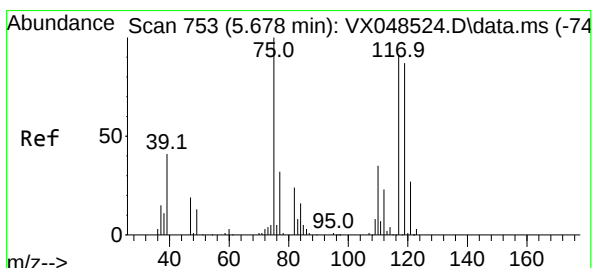
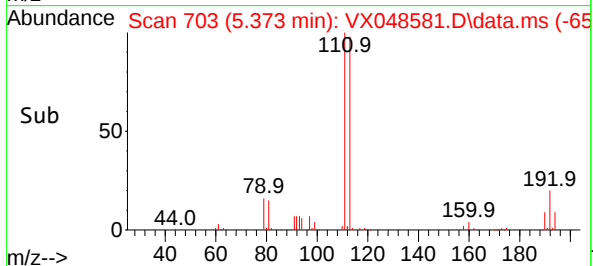
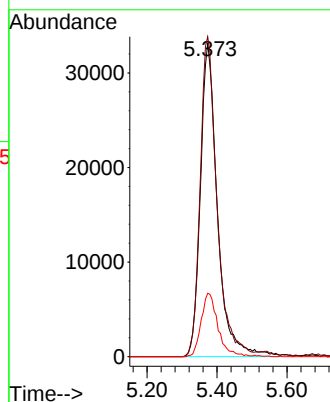
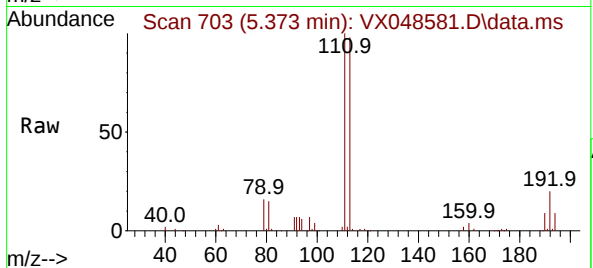
Tgt Ion:113 Resp: 11198
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.9 122.9
 192 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#36

1,1-Dichloropropene

Concen: 2.153 ug/l

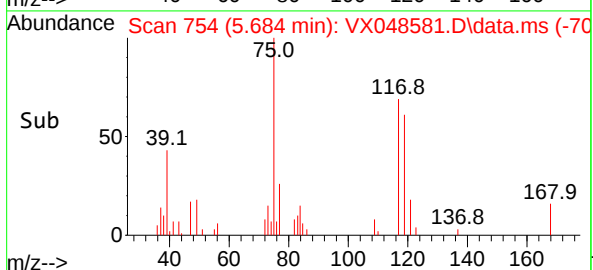
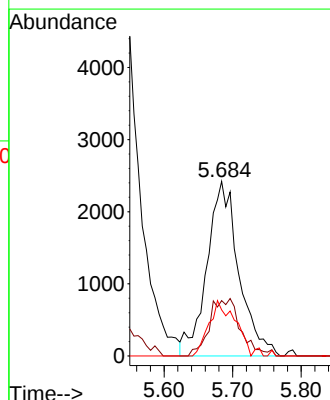
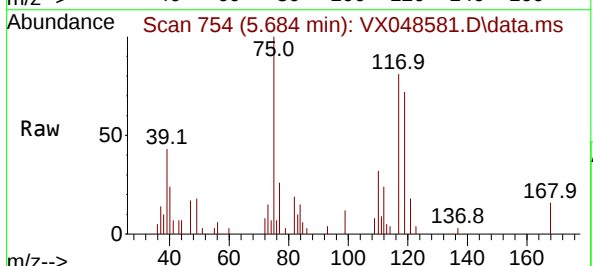
RT: 5.684 min Scan# 754

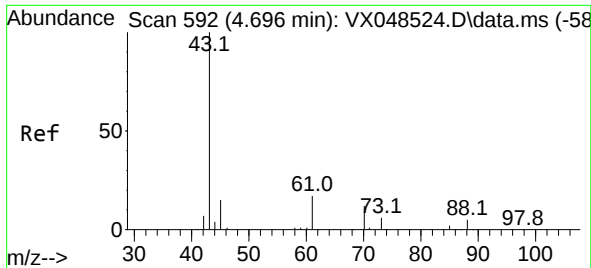
Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Tgt Ion: 75 Resp: 7817
 Ion Ratio Lower Upper
 75 100
 110 32.0 18.4 55.4
 77 27.1 24.6 37.0





#37

Ethyl Acetate

Concen: 1.716 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

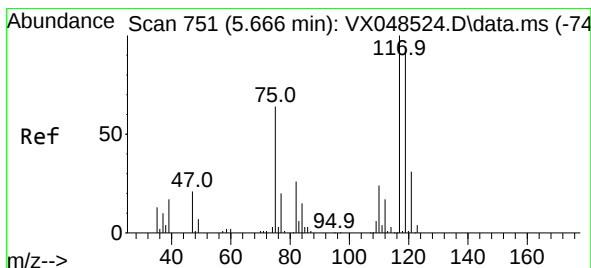
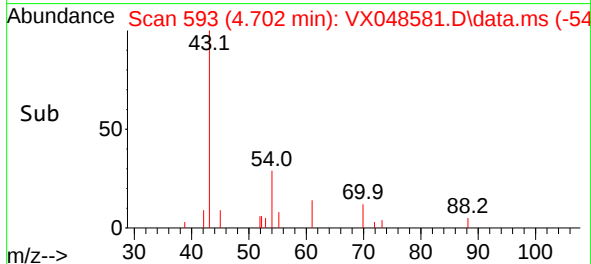
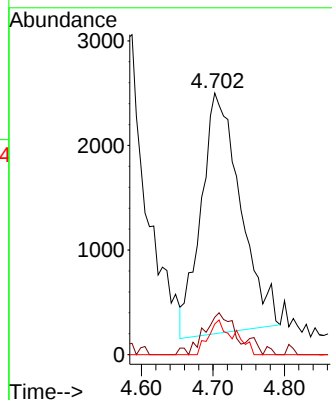
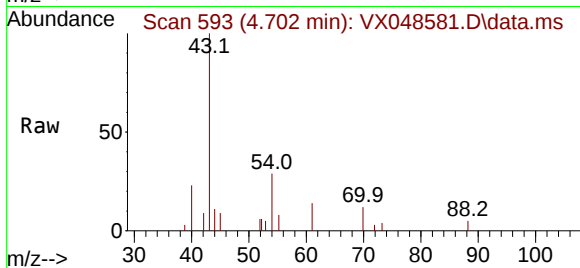
Tgt Ion: 43	Resp: 877
Ion Ratio	Lower Upper
43 100	
61 12.2	9.7 14.5
70 9.4	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#38

Carbon Tetrachloride

Concen: 2.153 ug/l

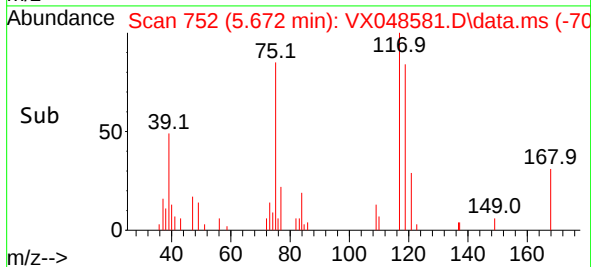
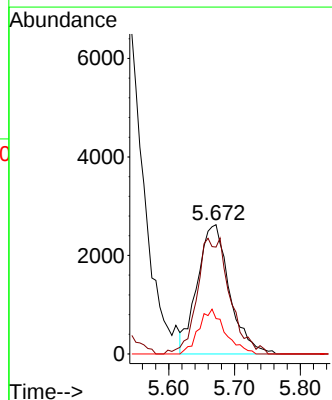
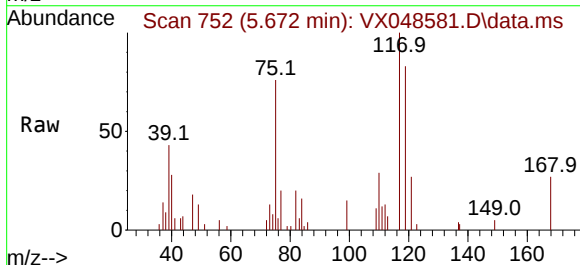
RT: 5.672 min Scan# 752

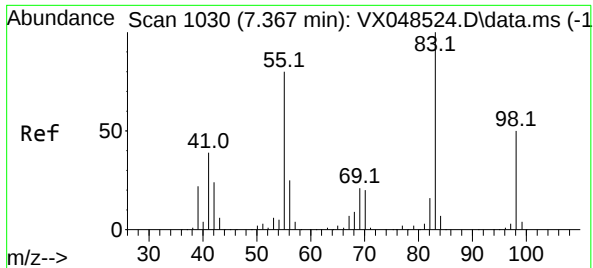
Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Tgt Ion:117	Resp: 8898
Ion Ratio	Lower Upper
117 100	
119 82.7	74.5 111.7
121 27.3	24.8 37.2





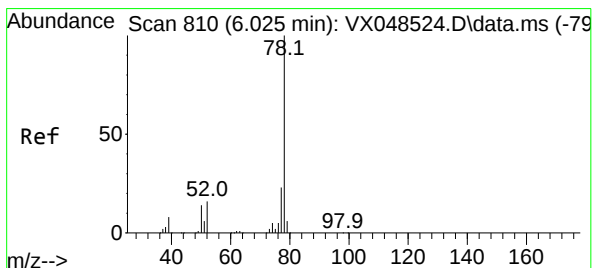
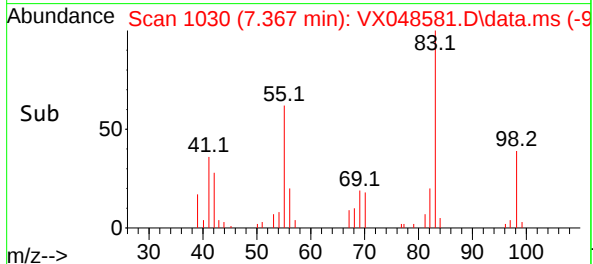
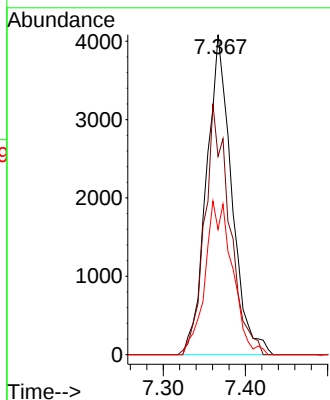
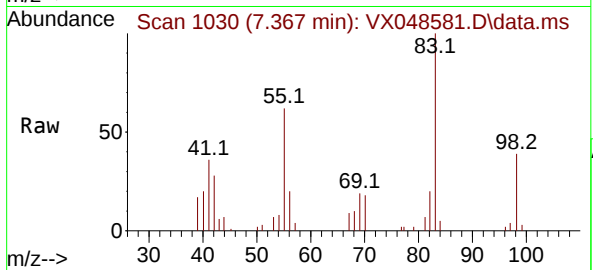
#39
Methylcyclohexane
Concen: 2.137 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 8712
Ion Ratio Lower Upper
83 100
55 61.9 63.8 95.6
98 39.1 40.3 60.5

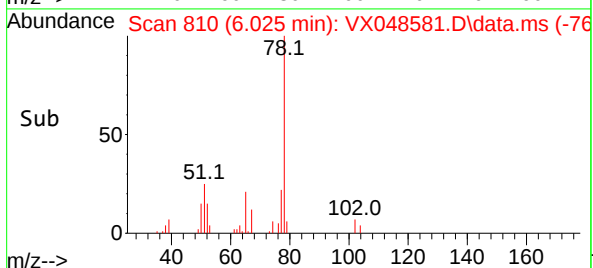
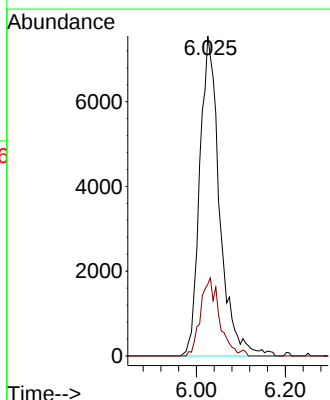
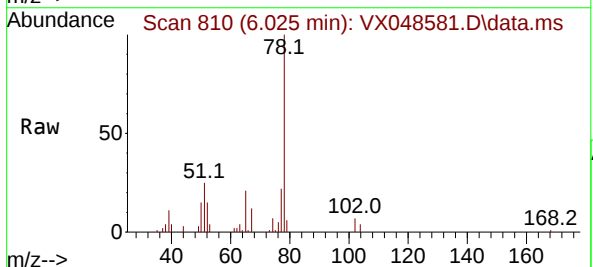
Manual Integrations
APPROVED

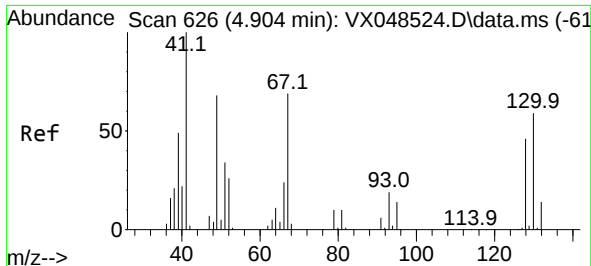
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#40
Benzene
Concen: 2.085 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

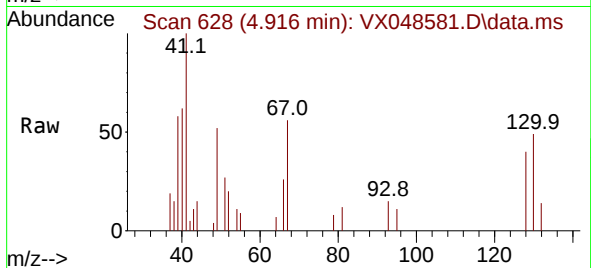
Tgt Ion: 78 Resp: 23468
Ion Ratio Lower Upper
78 100
77 22.4 18.3 27.5





#41
Methacrylonitrile
Concen: 1.792 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

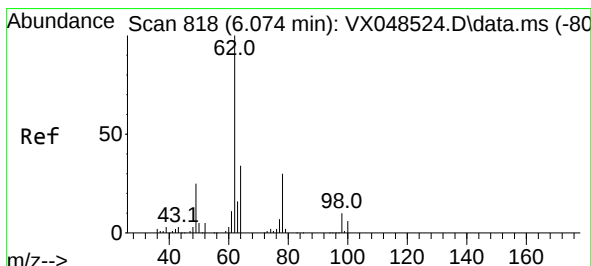
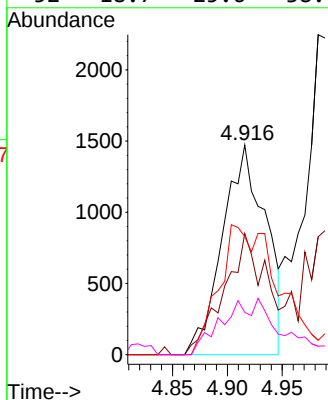
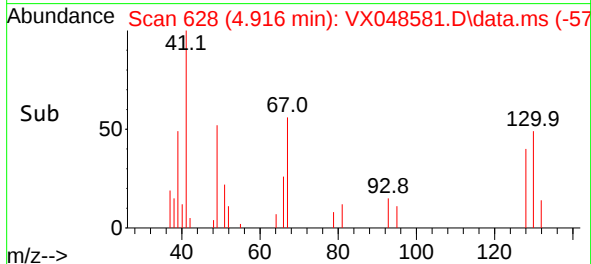
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 41 Resp: 4028
Ion Ratio Lower Upper
41 100
39 58.7 41.1 61.7
67 45.8 64.2 96.2
52 18.7 25.6 38.4

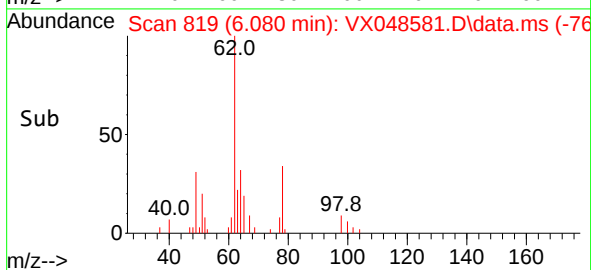
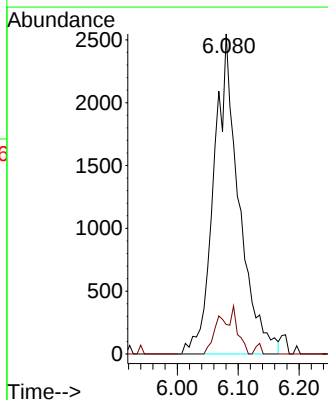
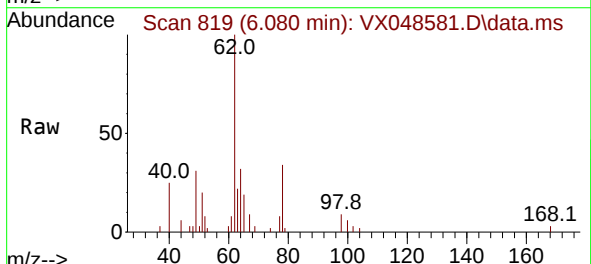
Manual Integrations
APPROVED

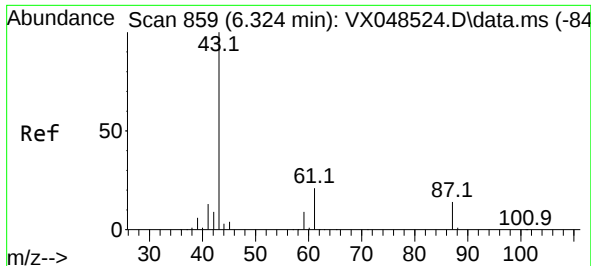
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#42
1,2-Dichloroethane
Concen: 1.889 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 62 Resp: 7286
Ion Ratio Lower Upper
62 100
98 7.0 0.0 19.6





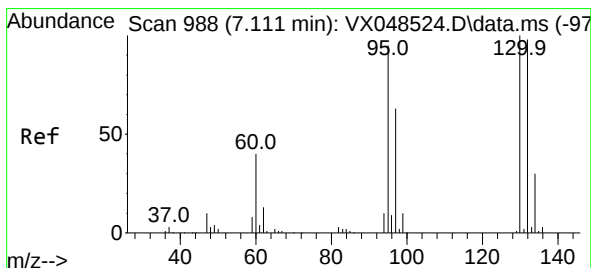
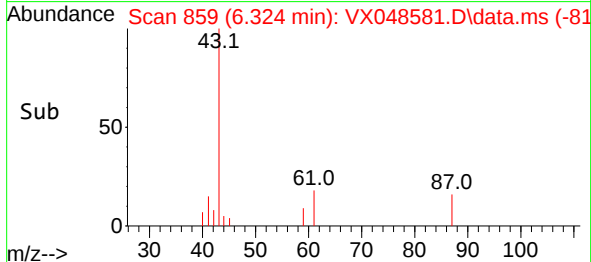
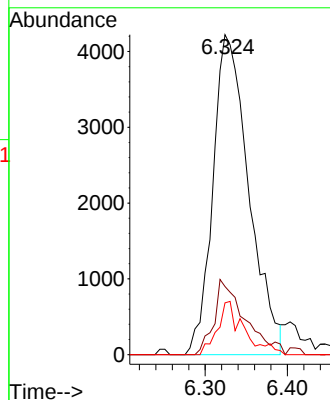
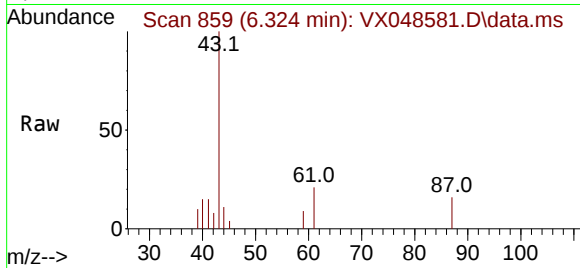
#43
Isopropyl Acetate
Concen: 1.789 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
61 20.1 16.2 24.4
87 12.2 10.9 16.3

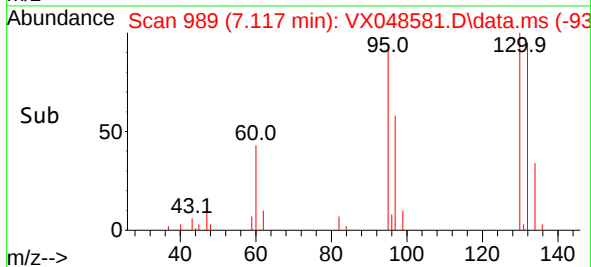
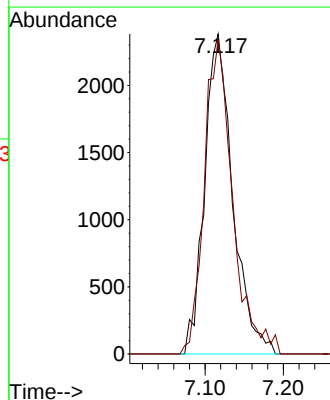
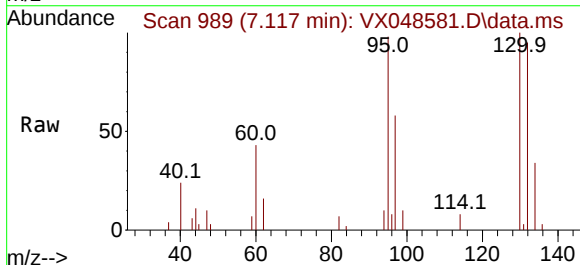
Manual Integrations
APPROVED

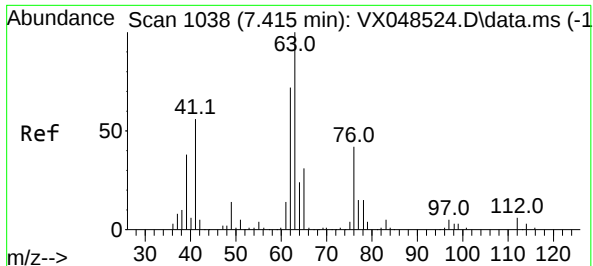
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#44
Trichloroethene
Concen: 2.214 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:130 Resp: 5958
Ion Ratio Lower Upper
130 100
95 98.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 2.200 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

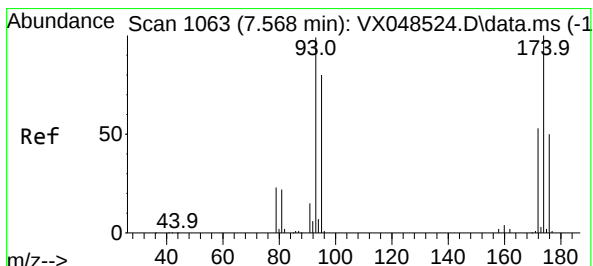
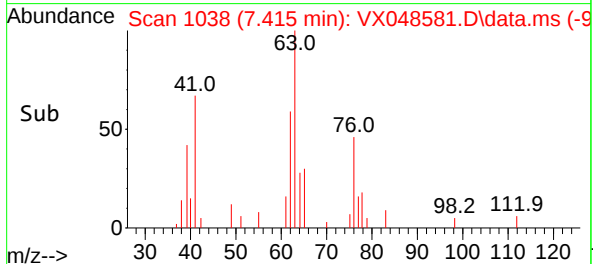
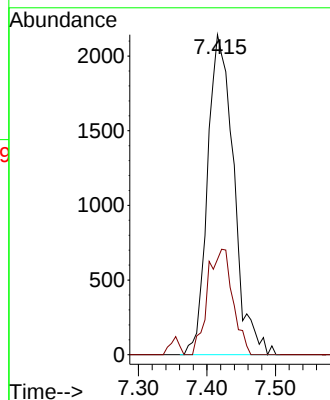
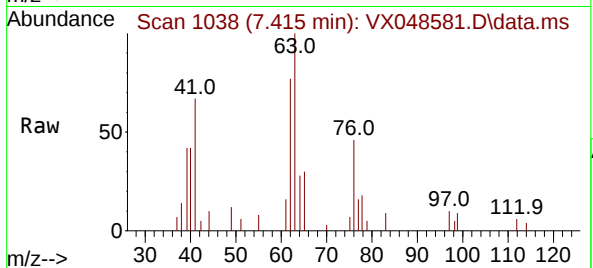
Tgt Ion: 63 Resp: 5694
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#46

Dibromomethane

Concen: 2.511 ug/l

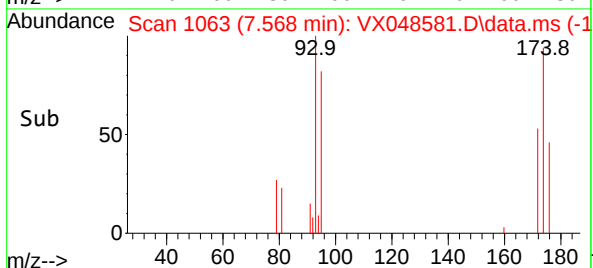
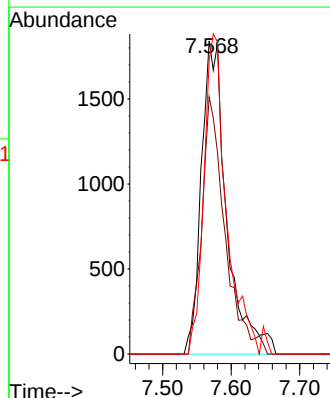
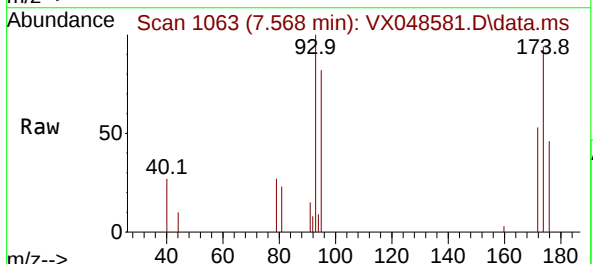
RT: 7.568 min Scan# 1063

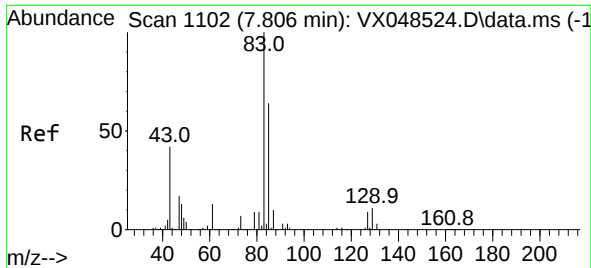
Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Tgt Ion: 93 Resp: 4740
 Ion Ratio Lower Upper
 93 100
 95 75.2 67.6 101.4
 174 90.4 83.0 124.6





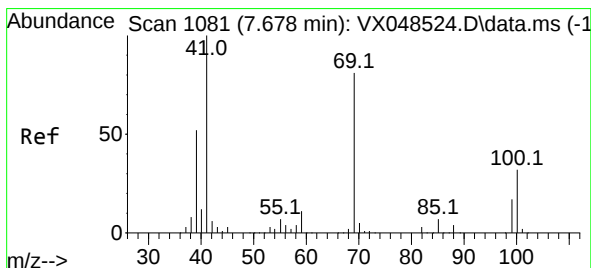
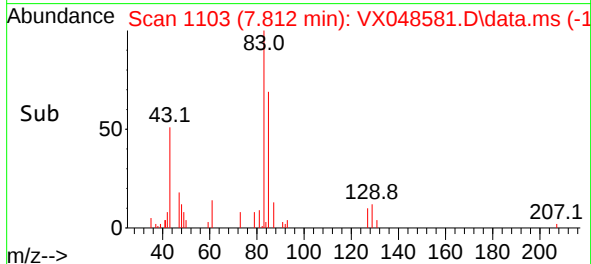
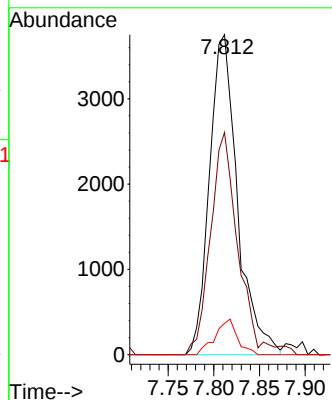
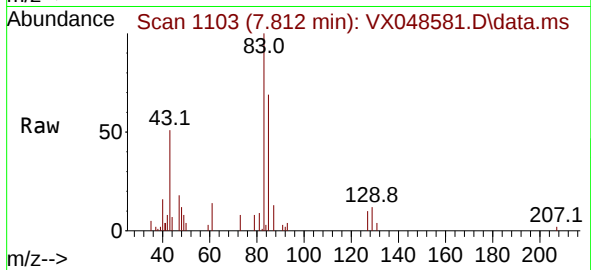
#47
Bromodichloromethane
Concen: 2.123 ug/l
RT: 7.812 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 7990
Ion Ratio Lower Upper
83 100
85 69.4 51.4 77.0
127 9.8 7.0 10.4

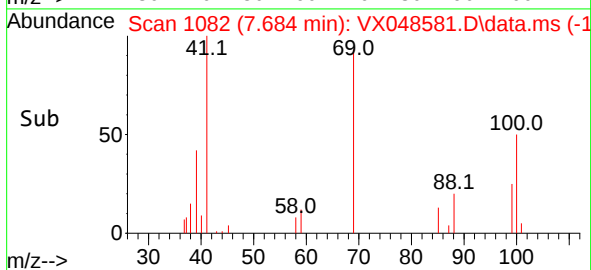
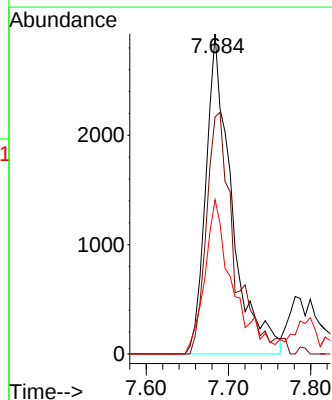
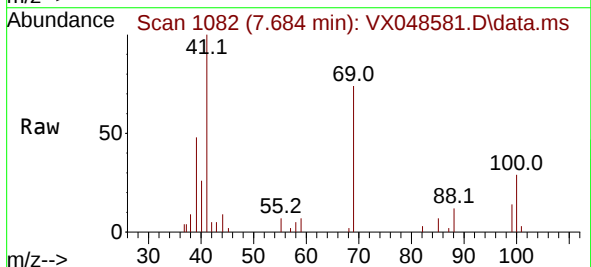
Manual Integrations
APPROVED

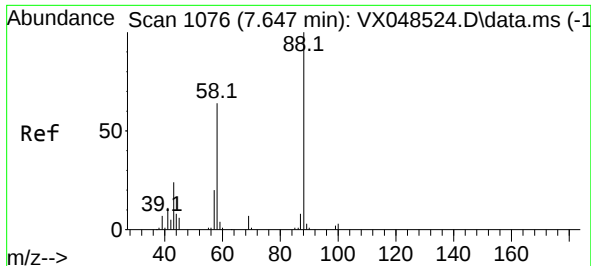
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#48
Methyl methacrylate
Concen: 2.003 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 41 Resp: 6398
Ion Ratio Lower Upper
41 100
69 81.2 67.9 101.9
39 52.0 42.2 63.2





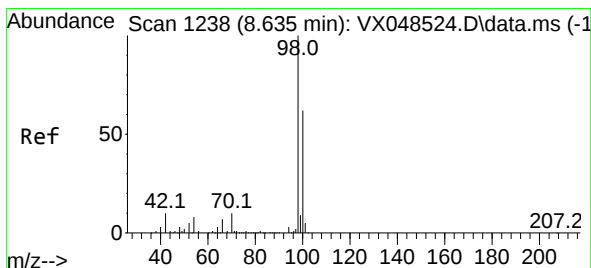
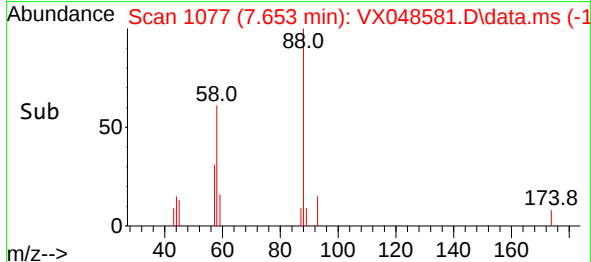
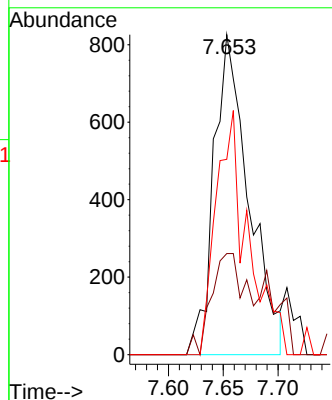
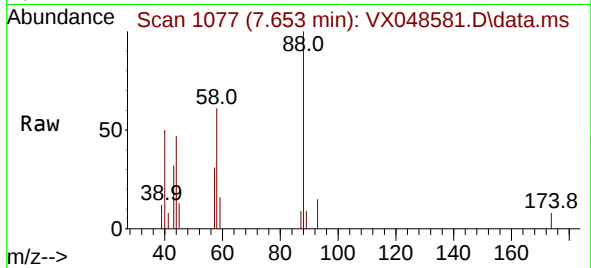
#49
1,4-Dioxane
Concen: 37.744 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
43 31.1 25.1 37.7
58 69.1 56.7 85.1

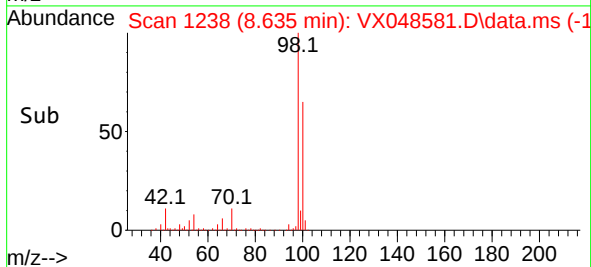
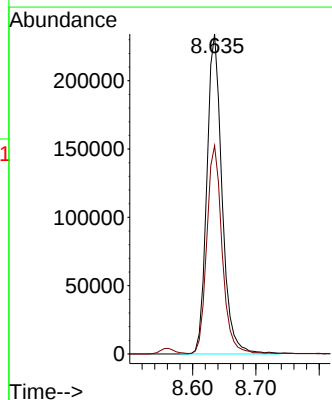
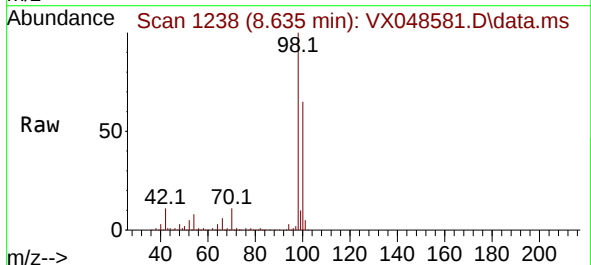
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#50
Toluene-d8
Concen: 46.316 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

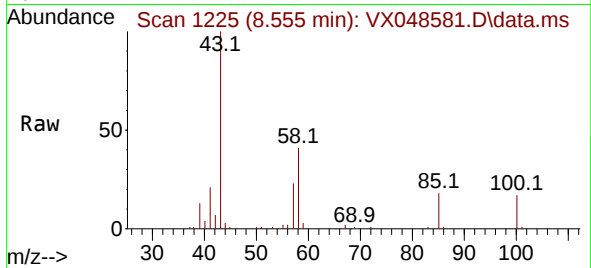
Tgt Ion: 98 Resp: 391730
Ion Ratio Lower Upper
98 100
100 65.6 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 10.772 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

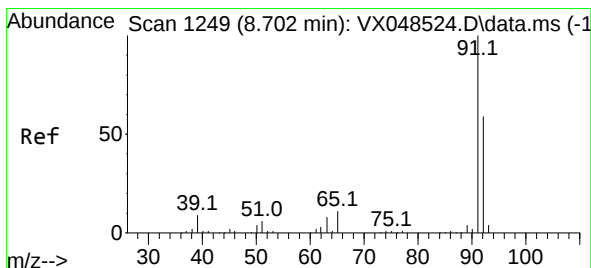
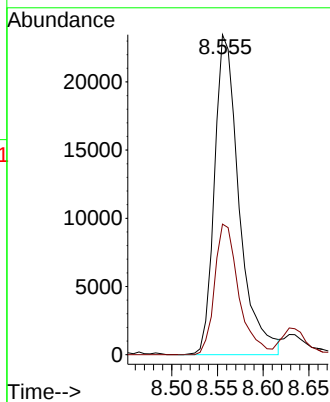
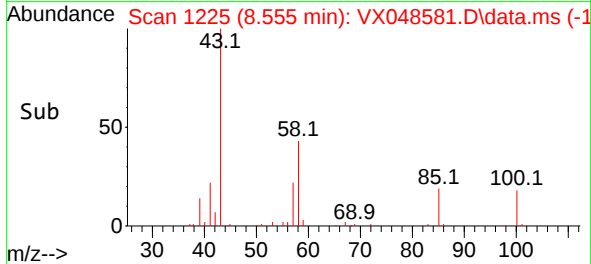
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 4405
Ion Ratio Lower Upper
43 100
58 40.0 32.3 48.5

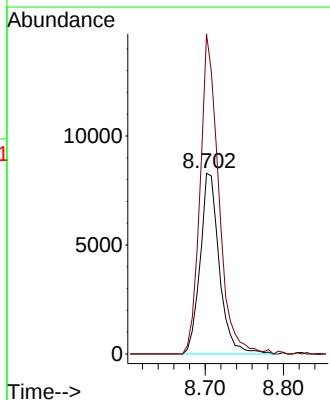
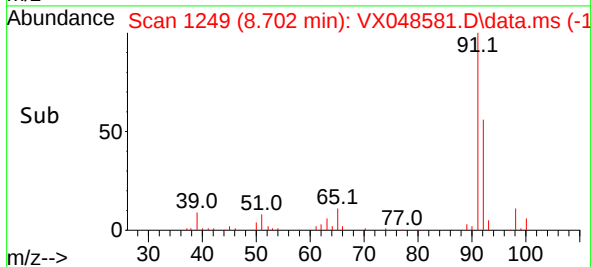
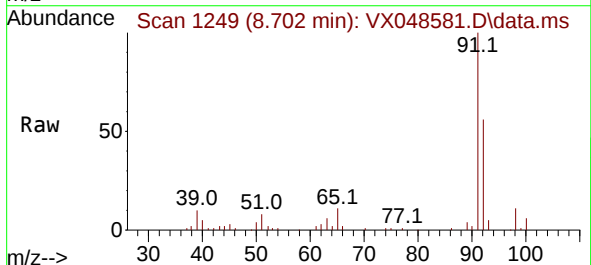
Manual Integrations
APPROVED

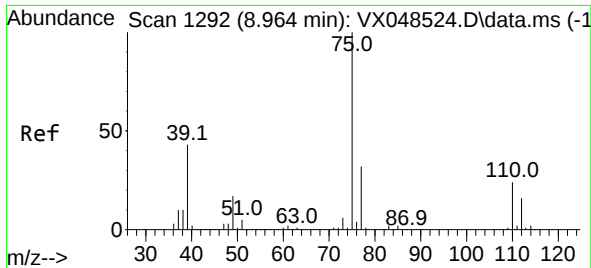
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#52
Toluene
Concen: 2.375 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 92 Resp: 14074
Ion Ratio Lower Upper
92 100
91 172.5 137.0 205.6





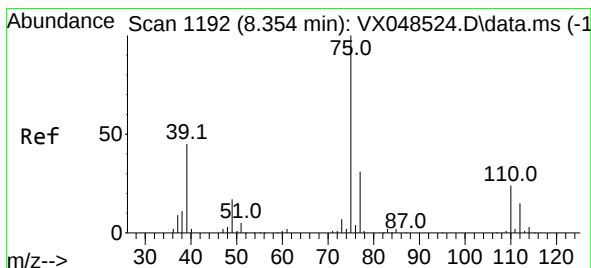
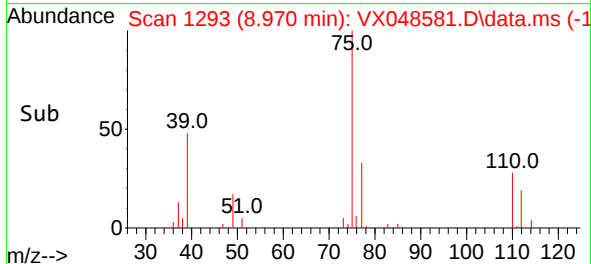
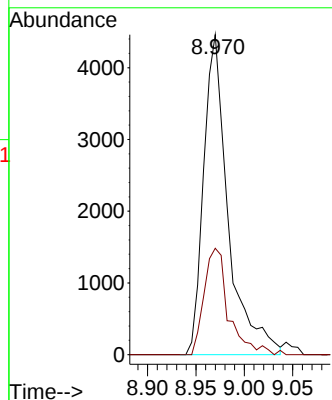
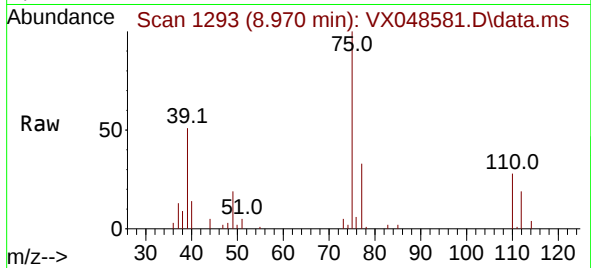
#53
t-1,3-Dichloropropene
Concen: 2.032 ug/l
RT: 8.970 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 788
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6

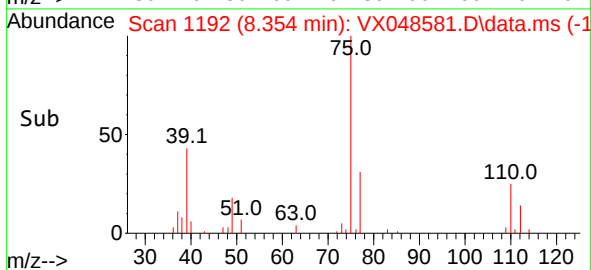
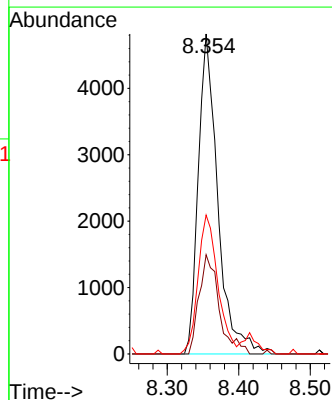
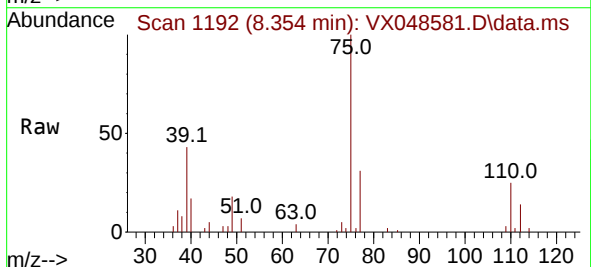
Manual Integrations
APPROVED

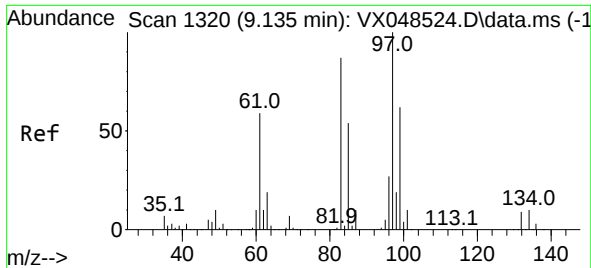
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#54
cis-1,3-Dichloropropene
Concen: 2.276 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 75 Resp: 9147
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 43.4 36.1 54.1





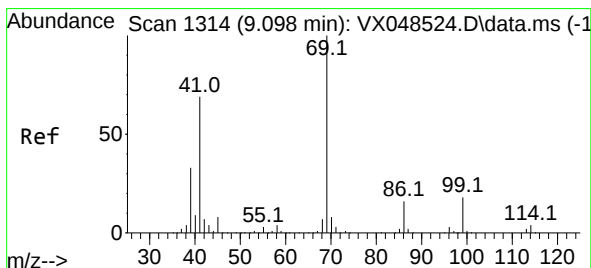
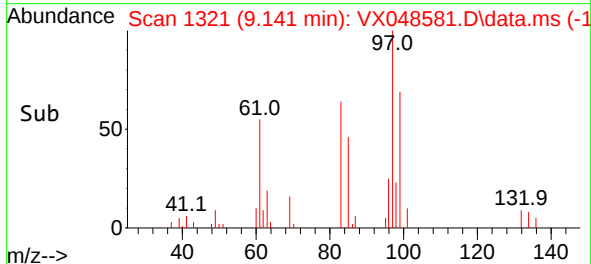
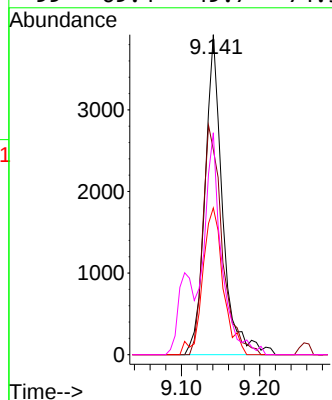
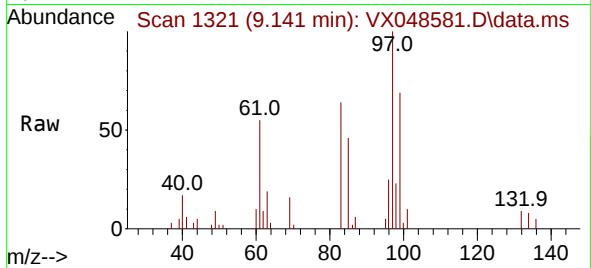
#55
1,1,2-Trichloroethane
Concen: 2.584 ug/l
RT: 9.141 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion	Ratio	Lower	Upper
97	100		
83	64.1	69.2	103.8
85	45.8	42.8	64.2
99	69.4	49.7	74.5

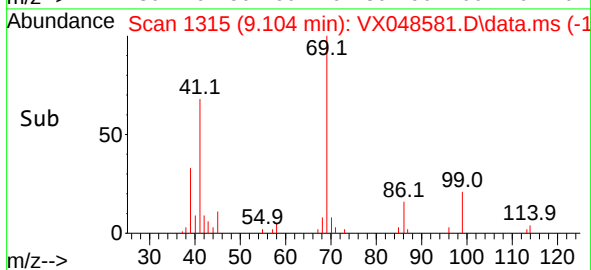
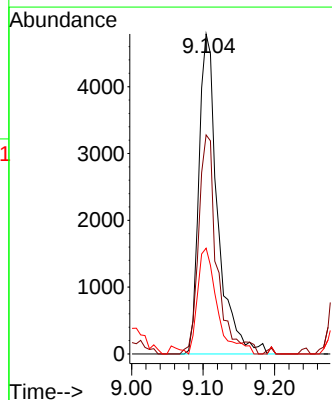
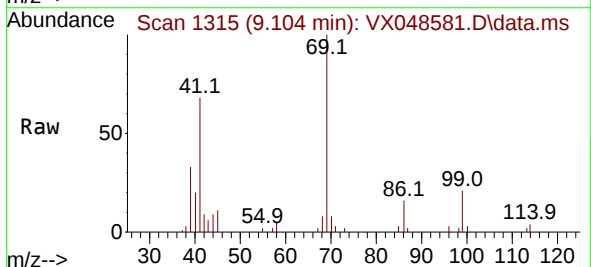
Manual Integrations
APPROVED

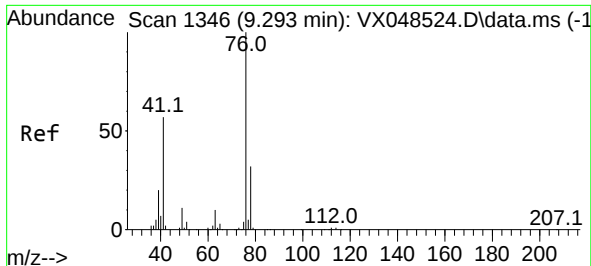
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#56
Ethyl methacrylate
Concen: 2.222 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.3	79.9
39	34.5	26.1	39.1





#57

1,3-Dichloropropane

Concen: 2.377 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 979

Ion Ratio Lower Upper

76 100

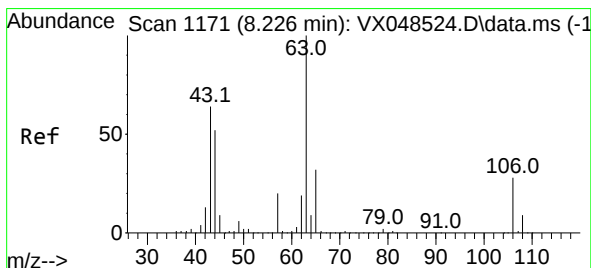
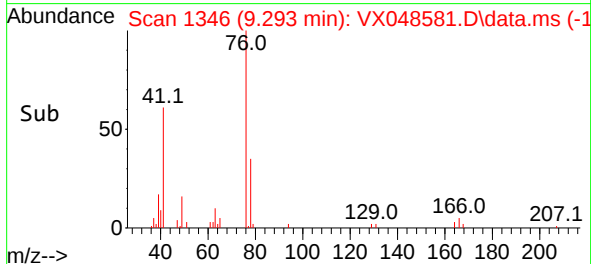
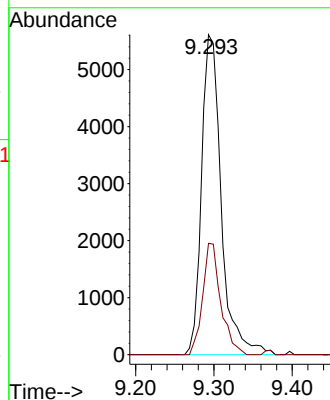
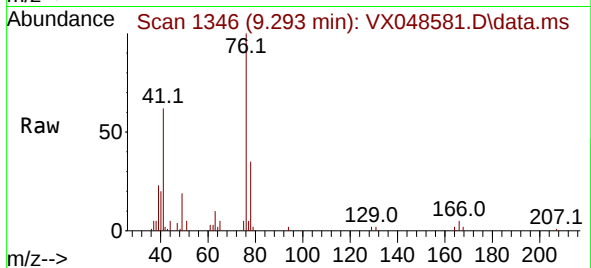
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 8.304 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048581.D

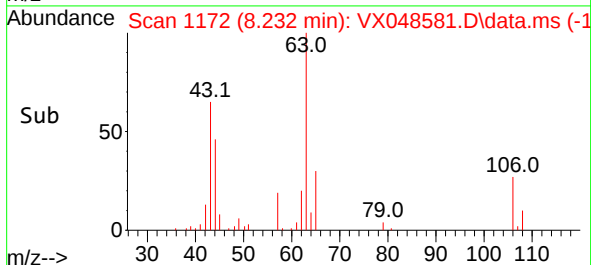
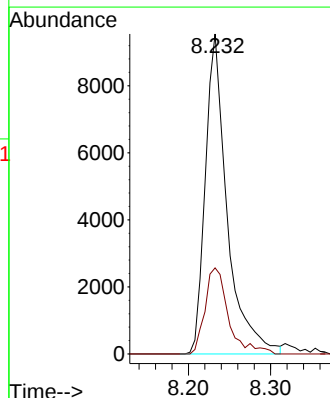
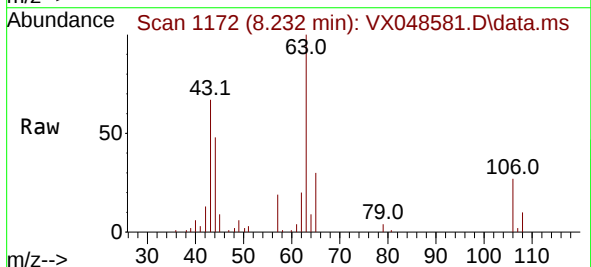
Acq: 12 Nov 2025 16:15

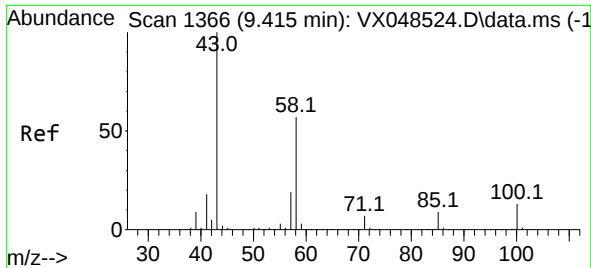
Tgt Ion: 63 Resp: 17586

Ion Ratio Lower Upper

63 100

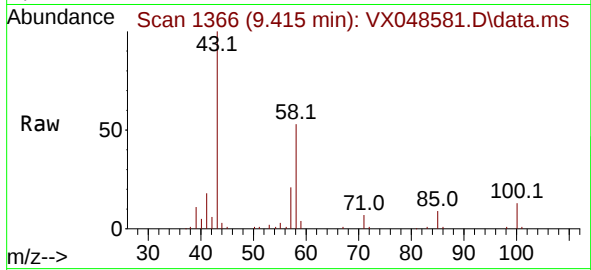
106 28.9 23.0 34.4





#59
2-Hexanone
Concen: 11.122 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

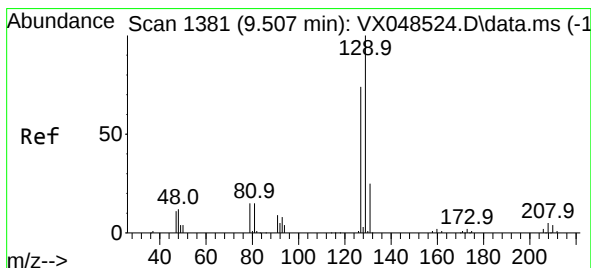
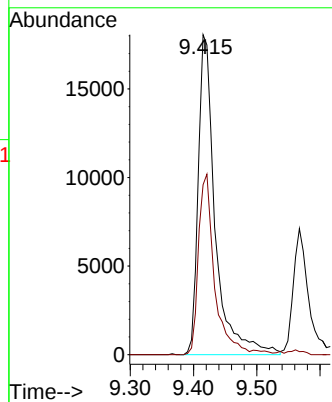
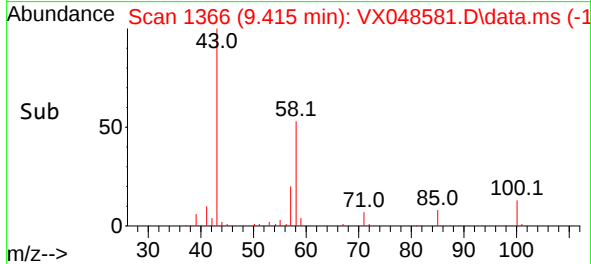
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 33839
Ion Ratio Lower Upper
43 100
58 54.0 28.1 84.2

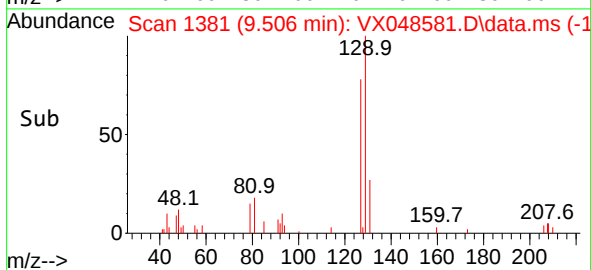
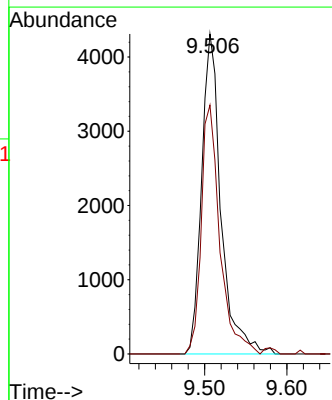
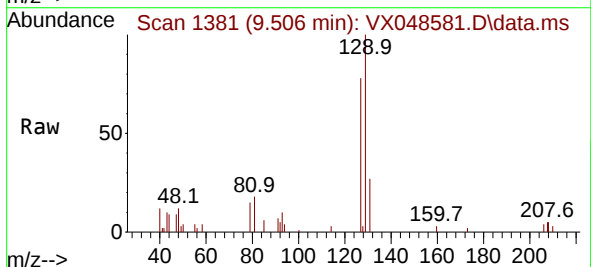
Manual Integrations
APPROVED

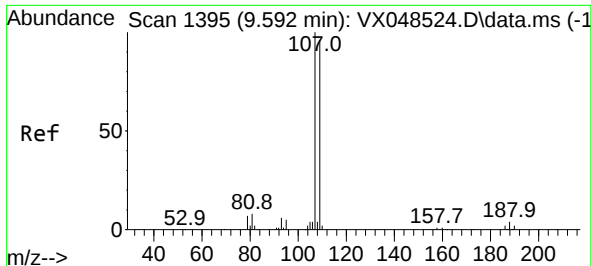
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#60
Dibromochloromethane
Concen: 2.432 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:129 Resp: 7071
Ion Ratio Lower Upper
129 100
127 74.4 38.0 114.0





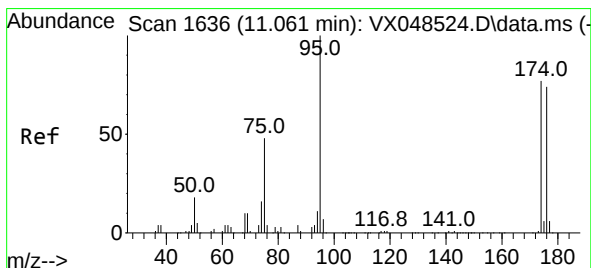
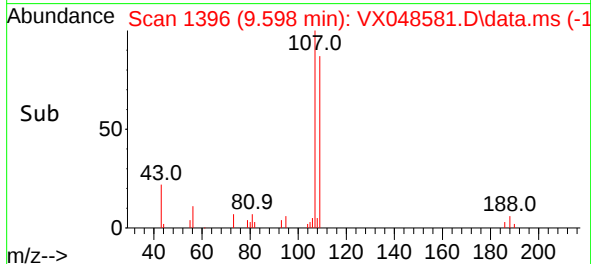
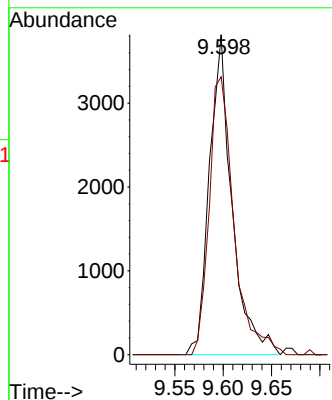
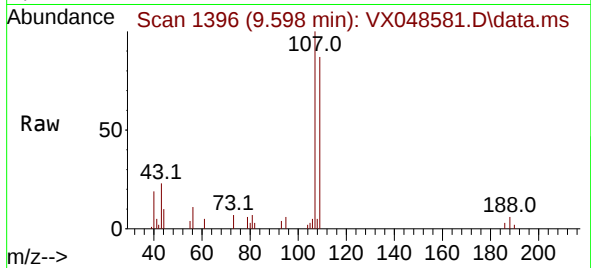
#61
1,2-Dibromoethane
Concen: 2.419 ug/l
RT: 9.598 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:107 Resp: 6204
Ion Ratio Lower Upper
107 100
109 95.2 75.3 112.9

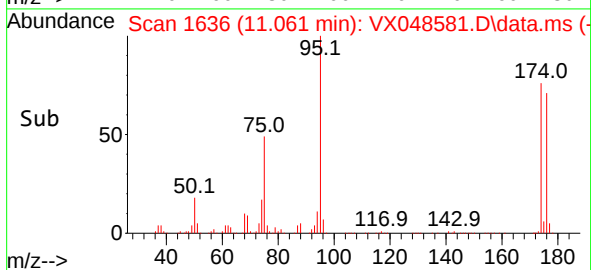
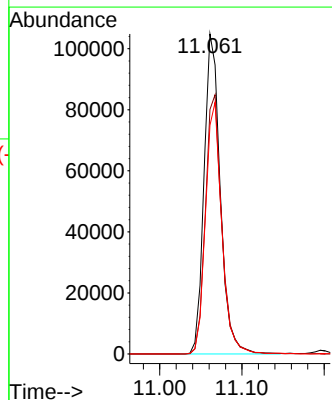
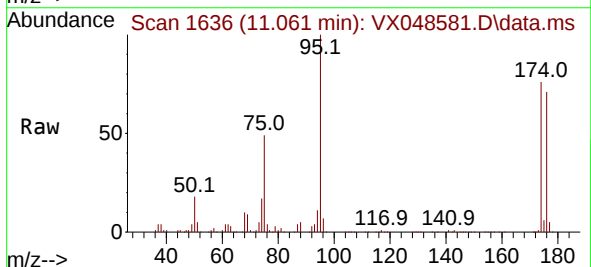
Manual Integrations
APPROVED

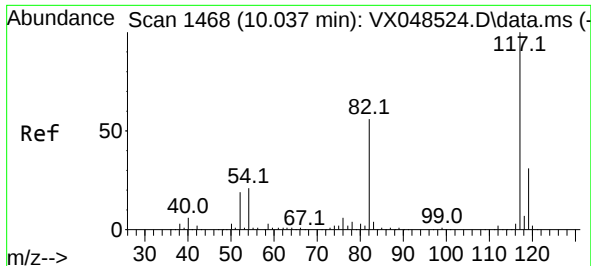
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#62
4-Bromofluorobenzene
Concen: 45.477 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

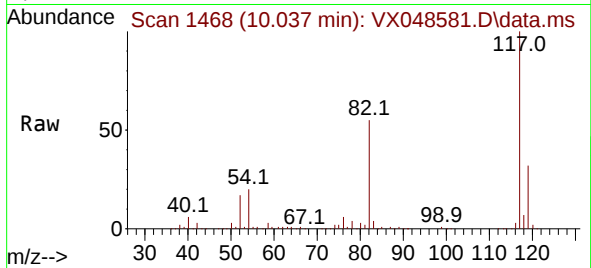
Tgt Ion: 95 Resp: 143340
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.8
176 79.0 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

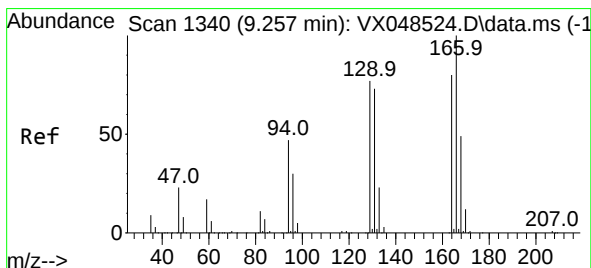
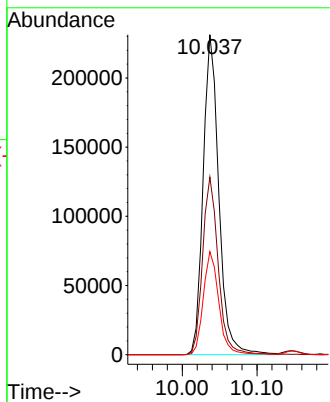
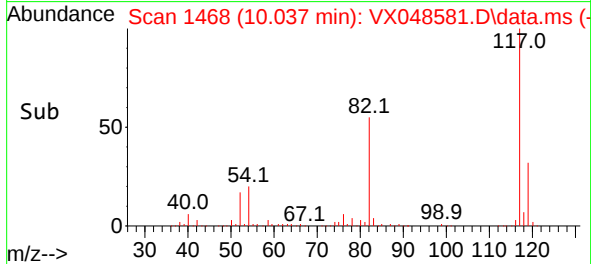
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:117 Resp: 33758
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 32.2 25.1 37.7

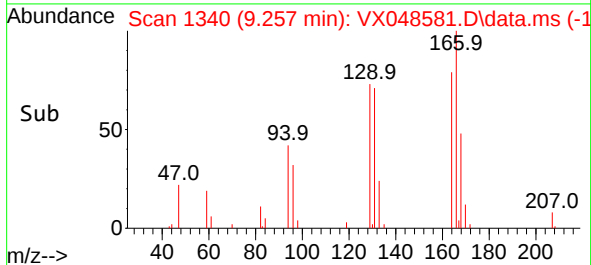
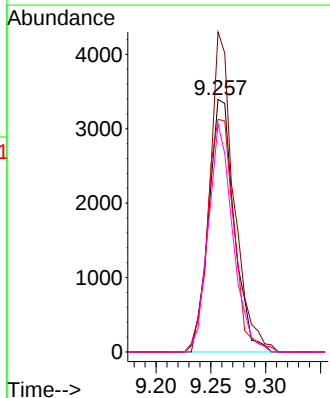
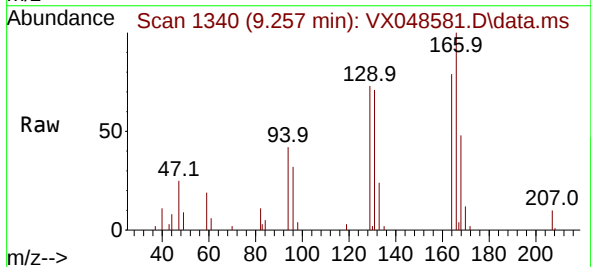
Manual Integrations
APPROVED

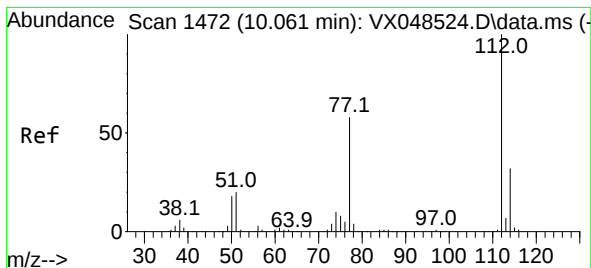
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#64
Tetrachloroethene
Concen: 2.246 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:164 Resp: 5506
Ion Ratio Lower Upper
164 100
166 126.7 100.6 150.8
129 92.1 77.6 116.4
131 90.3 73.0 109.6





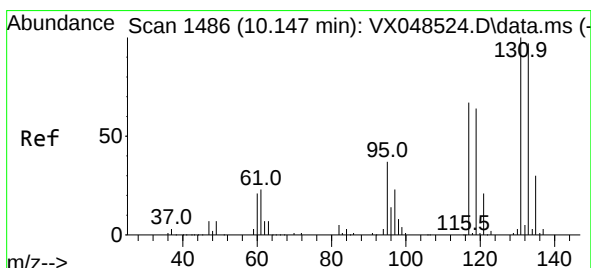
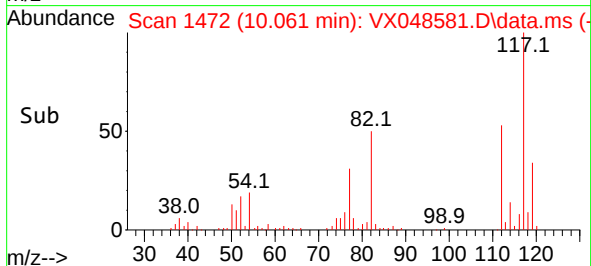
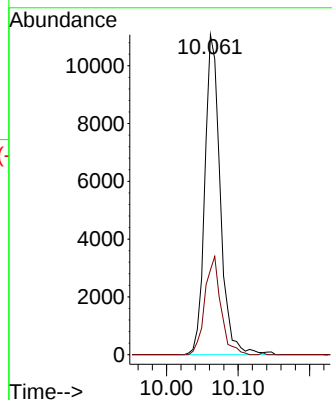
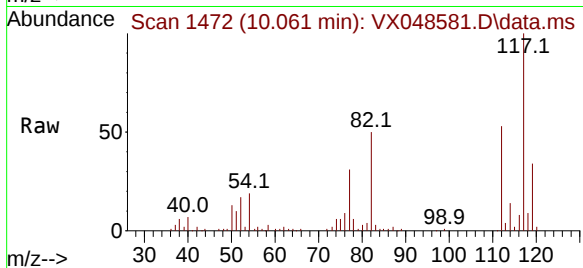
#65
Chlorobenzene
Concen: 2.075 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:112 Resp: 16630
Ion Ratio Lower Upper
112 100
114 26.5 25.5 38.3

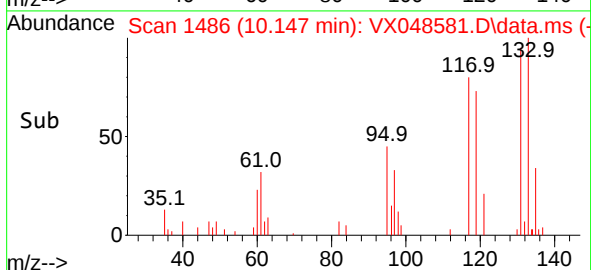
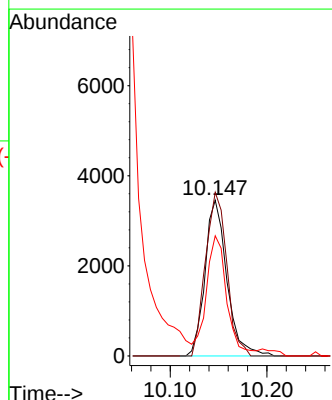
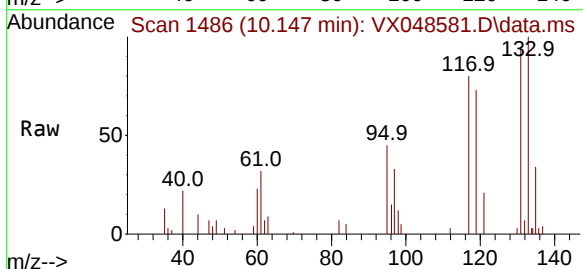
Manual Integrations
APPROVED

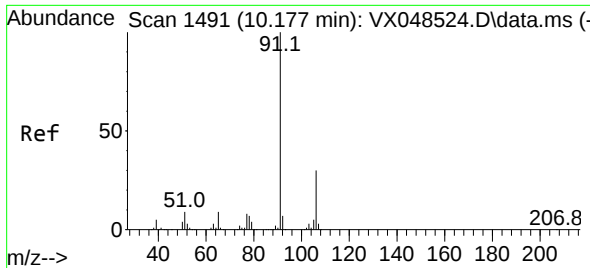
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.034 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:131 Resp: 5462
Ion Ratio Lower Upper
131 100
133 102.2 47.9 143.7
119 65.3 32.8 98.3





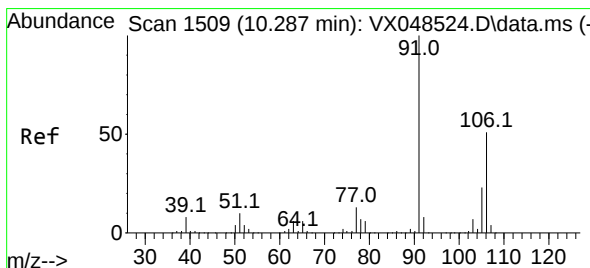
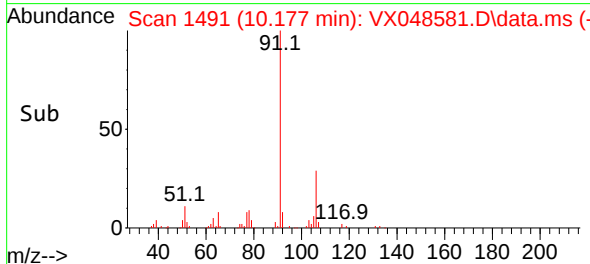
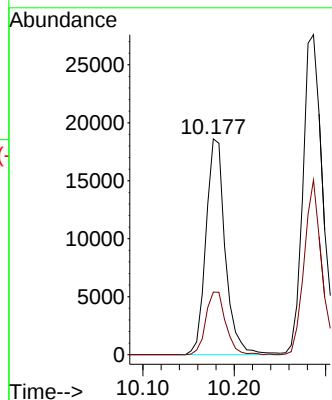
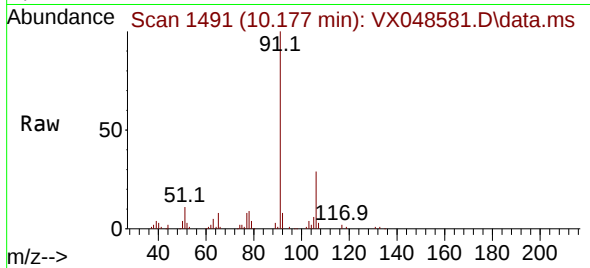
#67
Ethyl Benzene
Concen: 2.036 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 2739
Ion Ratio Lower Upper
91 100
106 29.0 24.1 36.1

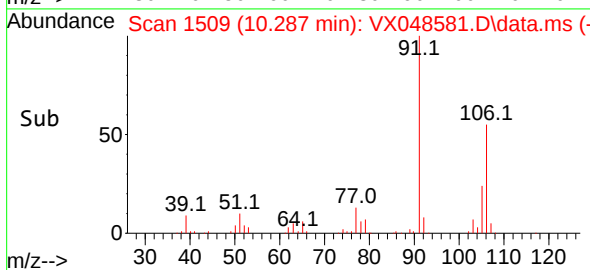
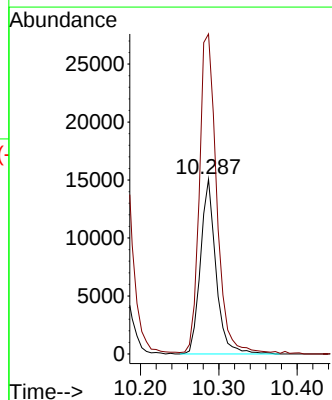
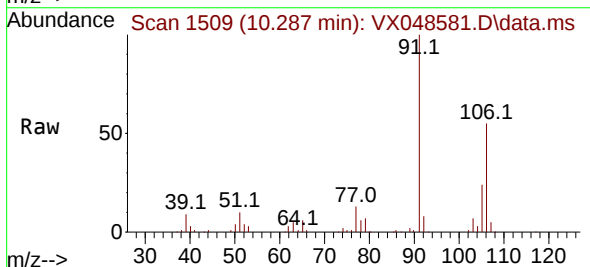
Manual Integrations
APPROVED

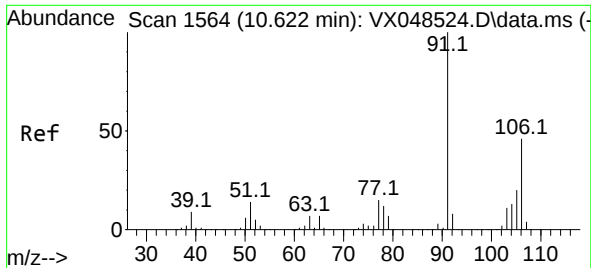
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#68
m/p-Xylenes
Concen: 4.092 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:106 Resp: 20738
Ion Ratio Lower Upper
106 100
91 203.7 159.6 239.4





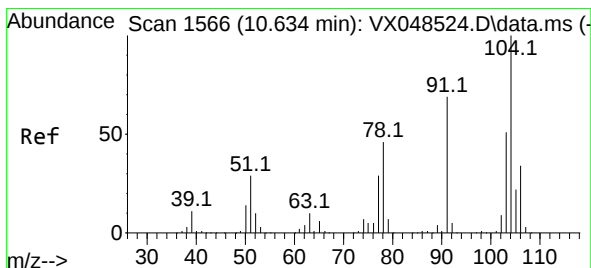
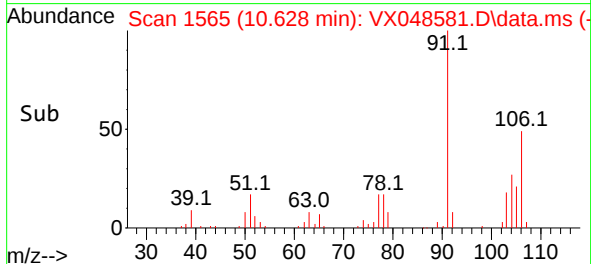
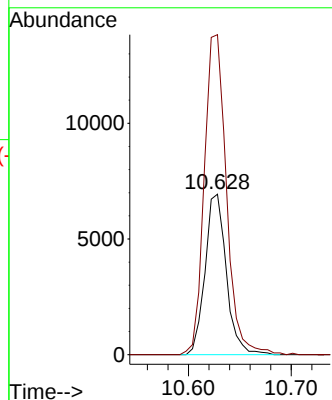
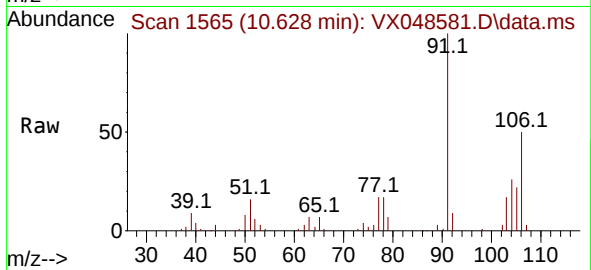
#69
o-Xylene
Concen: 2.014 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:106 Resp: 9980
Ion Ratio Lower Upper
106 100
91 207.8 106.4 319.2

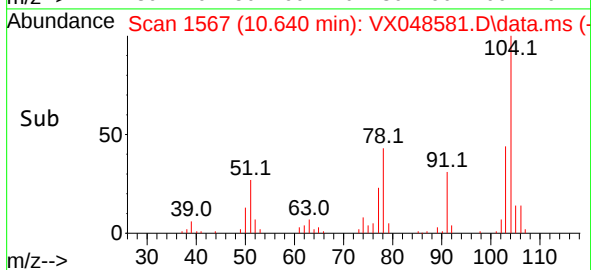
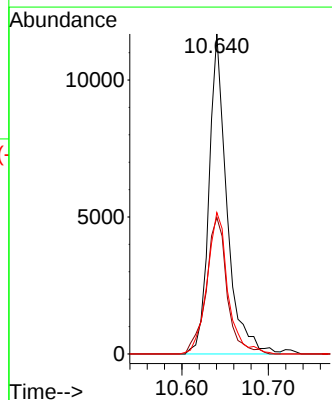
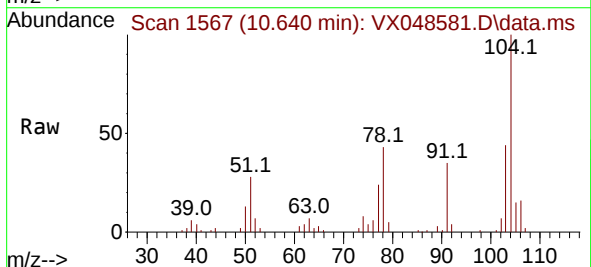
Manual Integrations
APPROVED

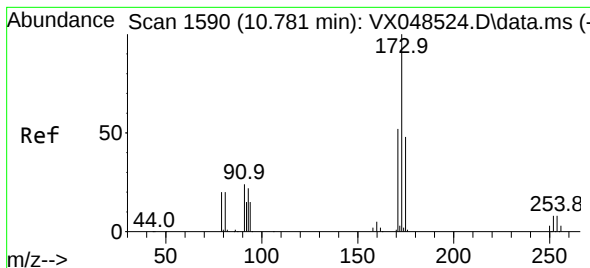
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#70
Styrene
Concen: 2.019 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:104 Resp: 16789
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 51.5 43.1 64.7





#71

Bromoform

Concen: 1.833 ug/l

RT: 10.787 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

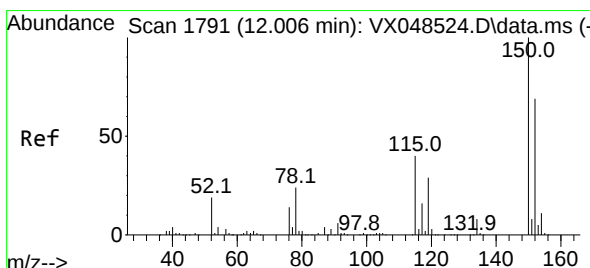
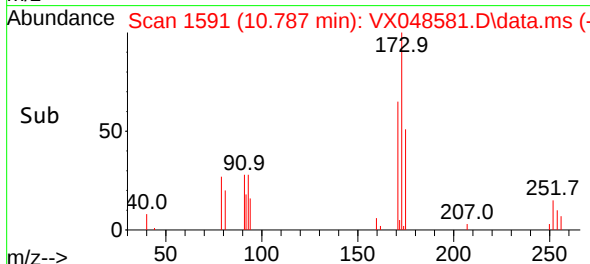
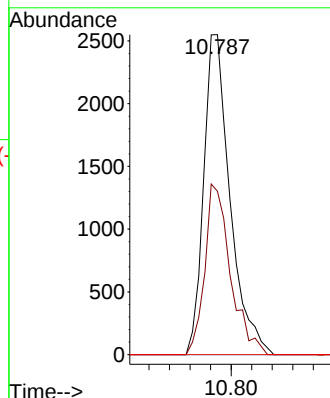
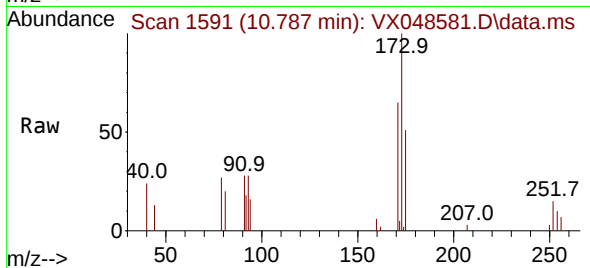
Tgt Ion:173	Resp:	454
Ion Ratio	Lower	Upper
173	100	
175	52.0	24.4 73.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

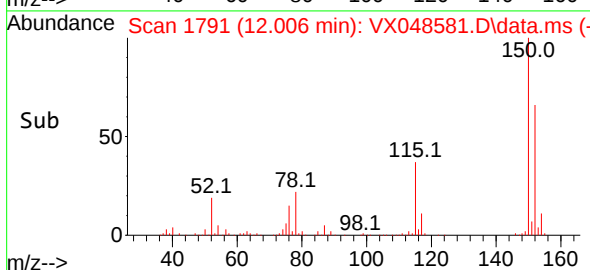
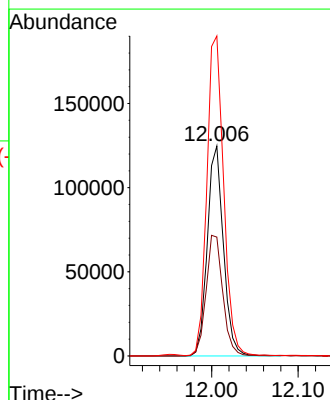
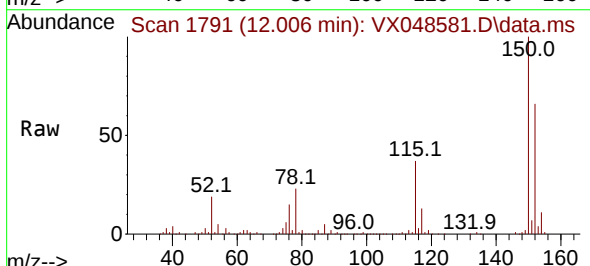
RT: 12.006 min Scan# 1791

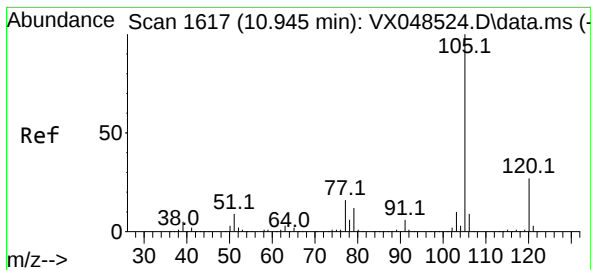
Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

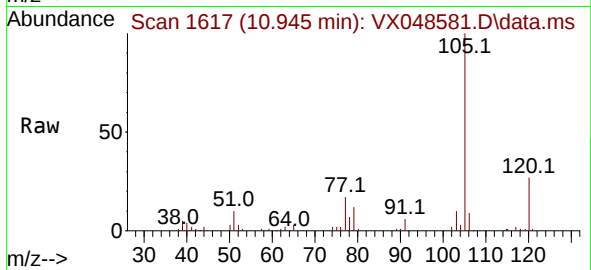
Tgt Ion:152	Resp:	161455
Ion Ratio	Lower	Upper
152	100	
115	59.6	39.2 117.6
150	157.8	0.0 347.0





#73
Isopropylbenzene
Concen: 2.051 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

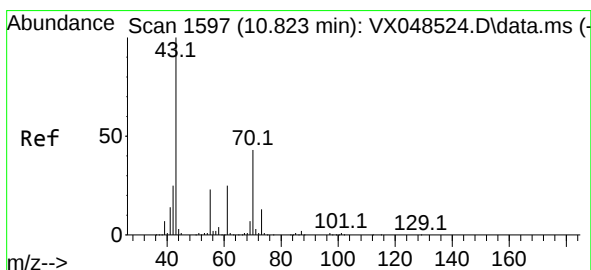
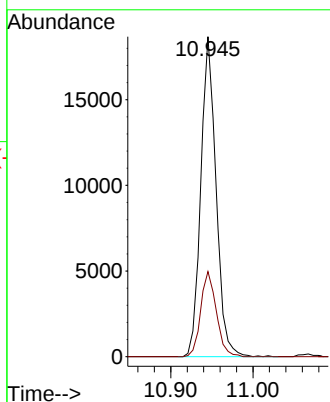
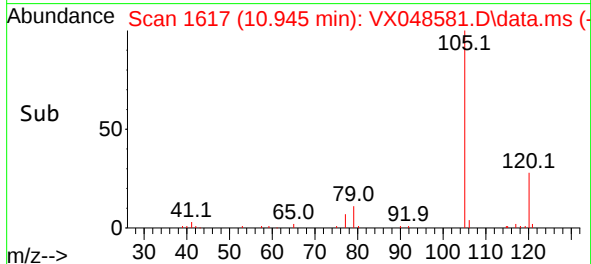
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



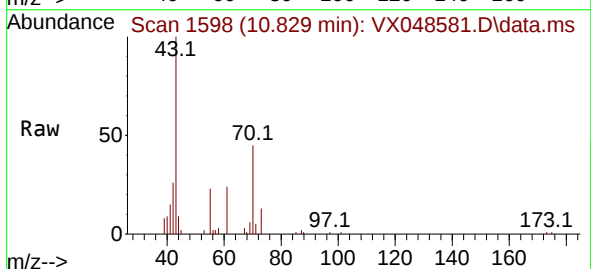
Tgt Ion:105 Resp: 24038
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7

Manual Integrations
APPROVED

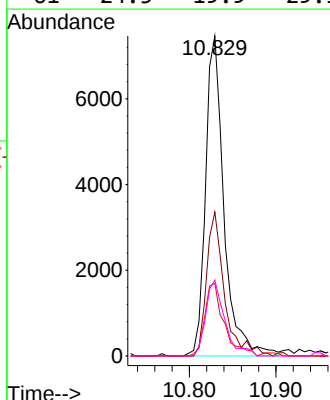
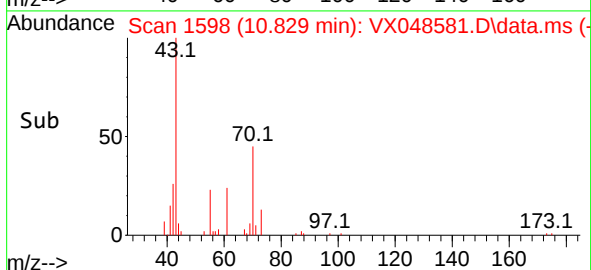
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

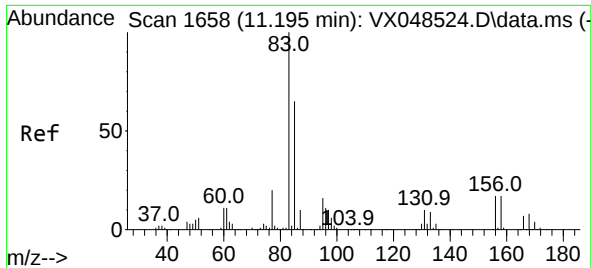


#74
N-ethyl acetate
Concen: 1.874 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15



Tgt Ion: 43 Resp: 11029
Ion Ratio Lower Upper
43 100
70 43.7 35.1 52.7
55 23.6 19.3 28.9
61 24.5 19.9 29.9





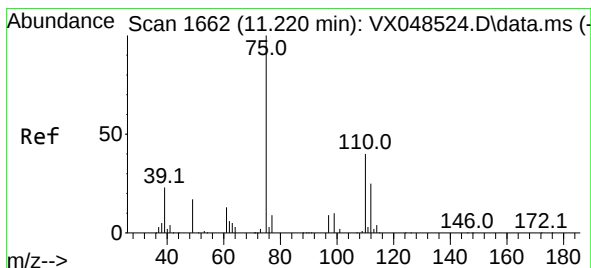
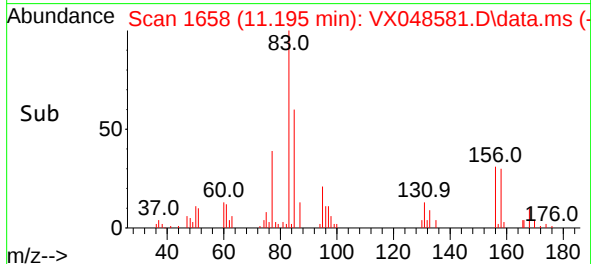
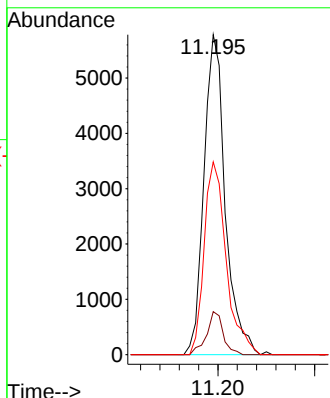
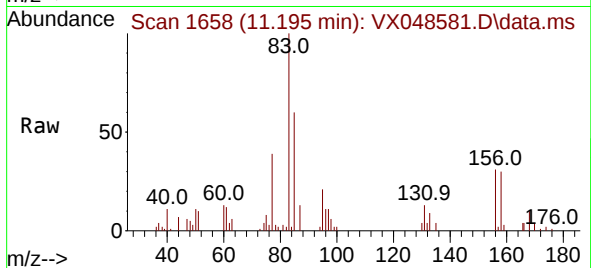
#75
1,1,2,2-Tetrachloroethane
Concen: 2.143 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 885
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 62.4 32.3 96.8

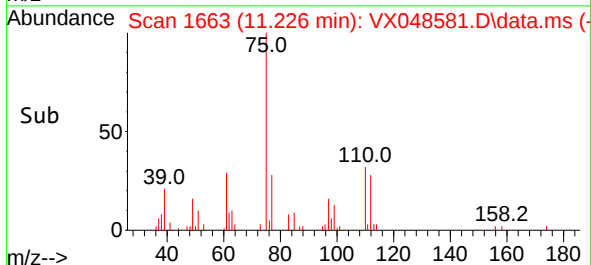
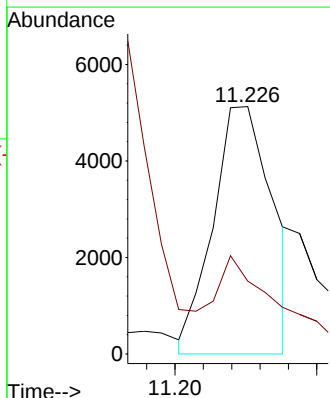
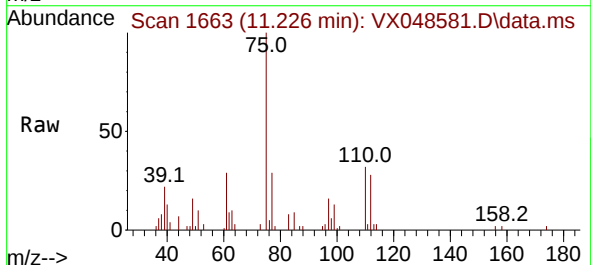
Manual Integrations
APPROVED

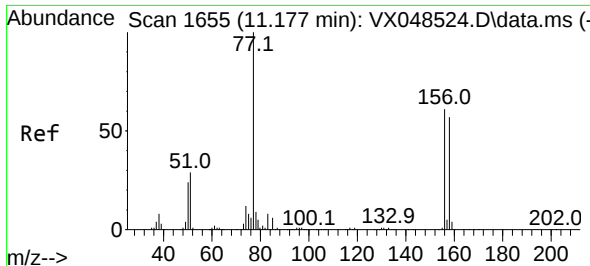
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#76
1,2,3-Trichloropropane
Concen: 1.919 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 75 Resp: 7463
Ion Ratio Lower Upper
75 100
77 44.6 24.3 72.8





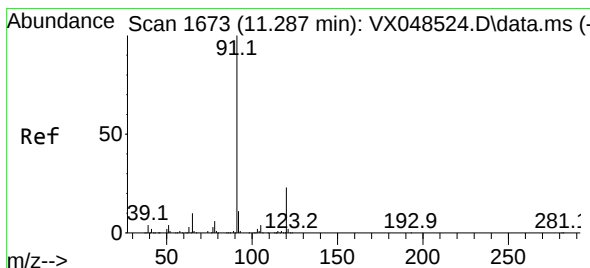
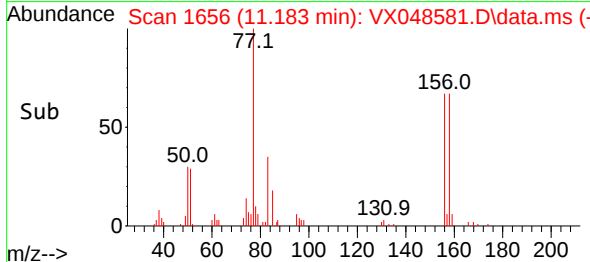
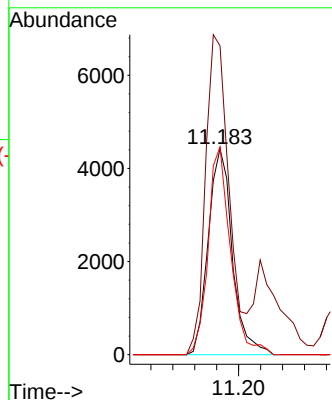
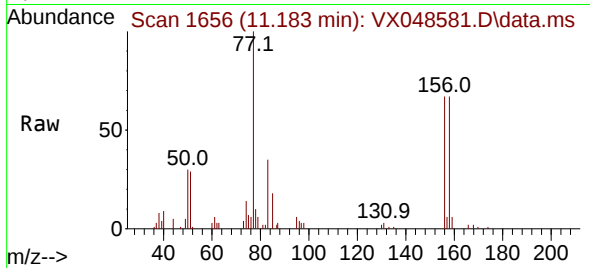
#77
Bromobenzene
Concen: 2.225 ug/l
RT: 11.183 min Scan# 1655
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 156 Resp: 673
Ion Ratio Lower Upper
156 100
77 152.0 78.1 234.4
158 94.0 48.5 145.5

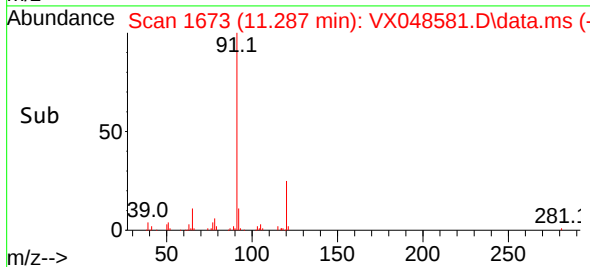
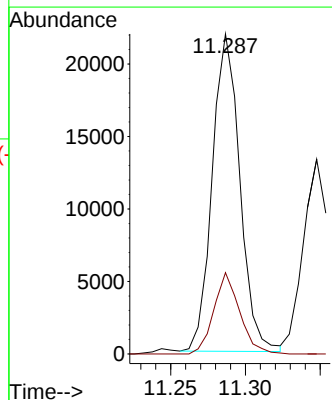
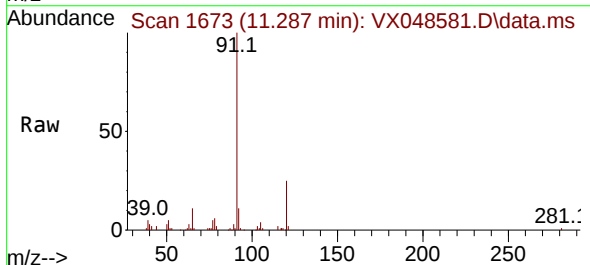
Manual Integrations
APPROVED

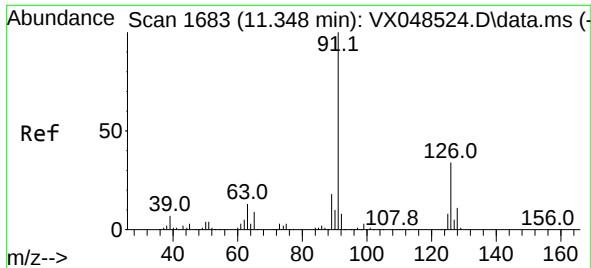
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#78
n-propylbenzene
Concen: 2.041 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 91 Resp: 28132
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8





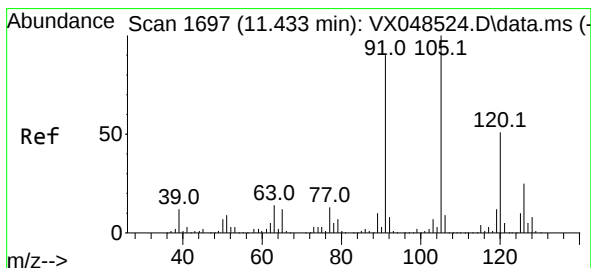
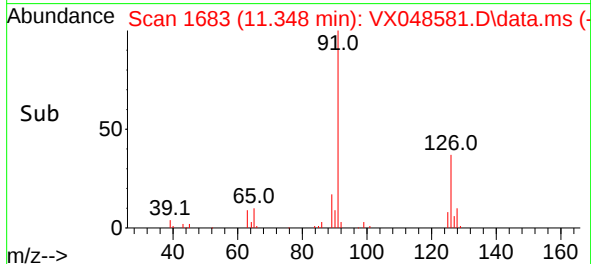
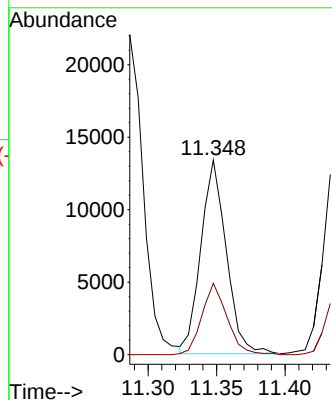
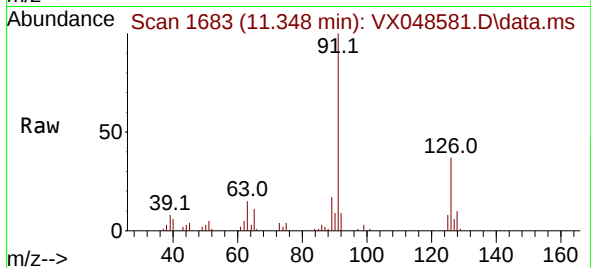
#79
2-Chlorotoluene
Concen: 2.073 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 1726
Ion Ratio Lower Upper
91 100
126 36.6 17.1 51.2

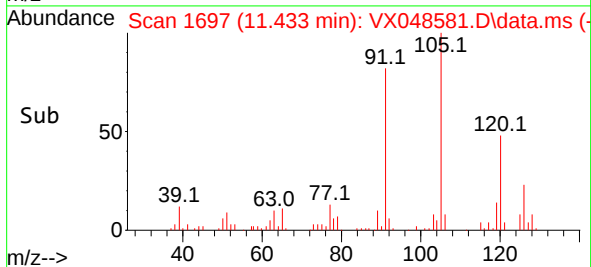
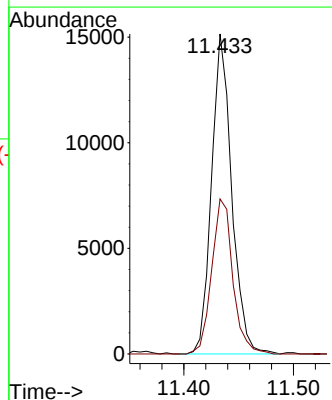
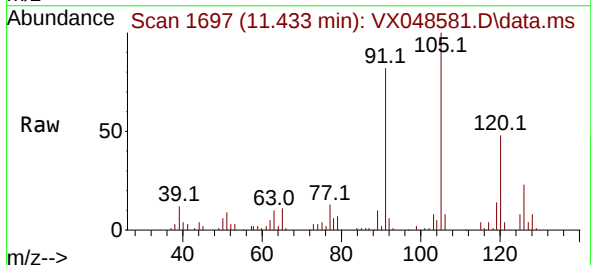
Manual Integrations
APPROVED

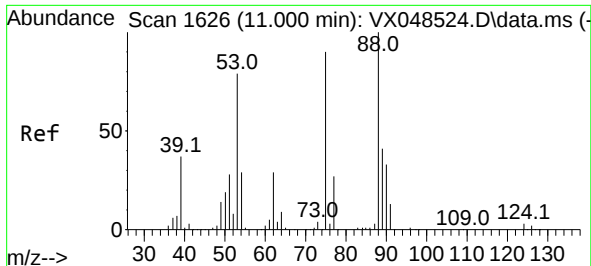
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.021 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:105 Resp: 19307
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.2





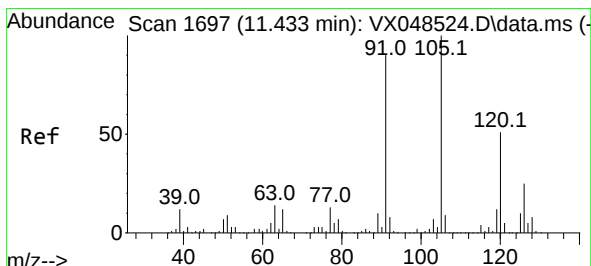
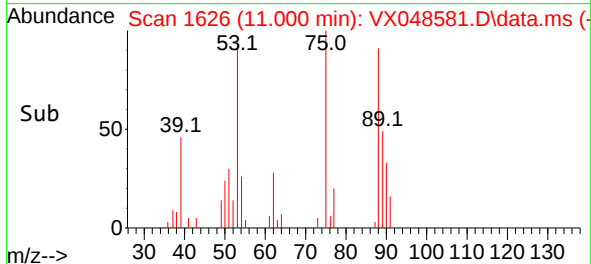
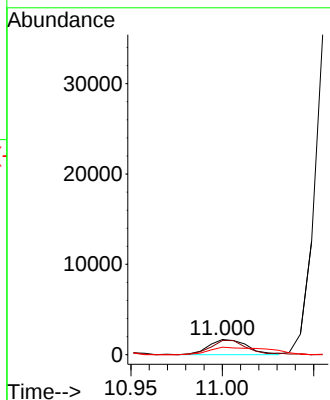
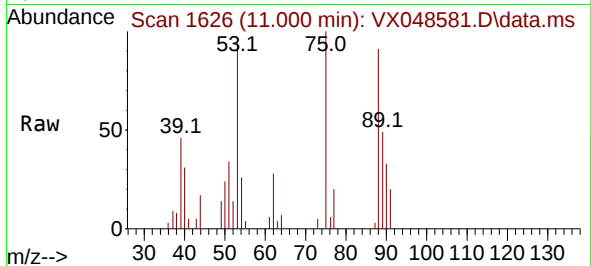
#81
trans-1,4-Dichloro-2-butene
Concen: 1.828 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 2480
Ion Ratio Lower Upper
75 100
53 89.7 72.4 108.6
89 76.3 43.6 65.4

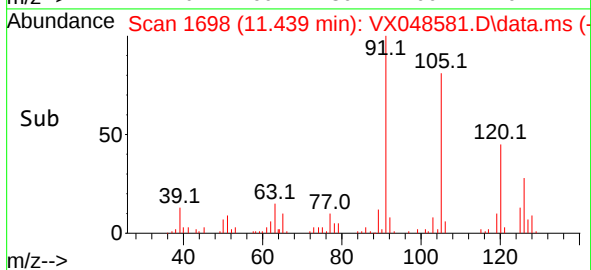
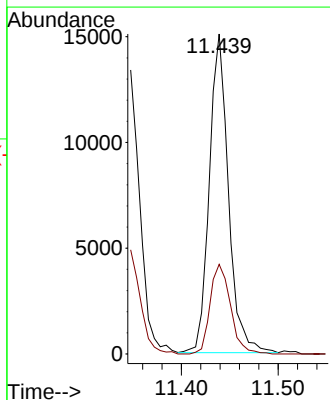
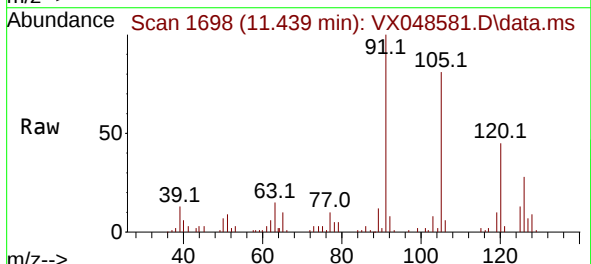
Manual Integrations
APPROVED

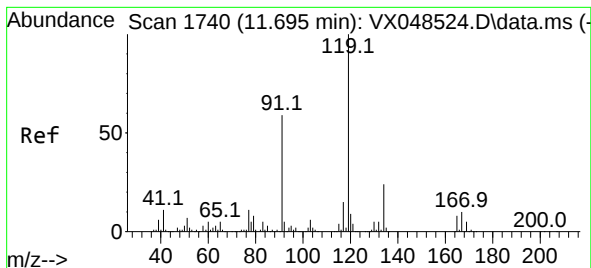
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#82
4-Chlorotoluene
Concen: 2.120 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 91 Resp: 20704
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.7





#83

tert-Butylbenzene

Concen: 2.100 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

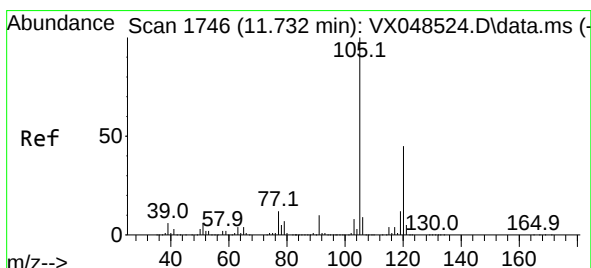
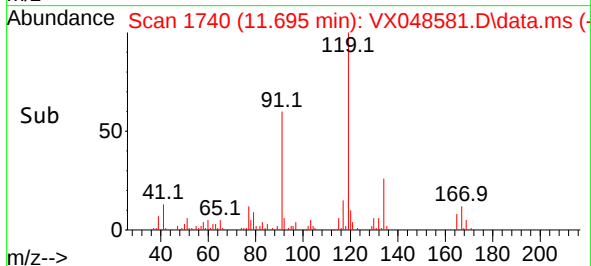
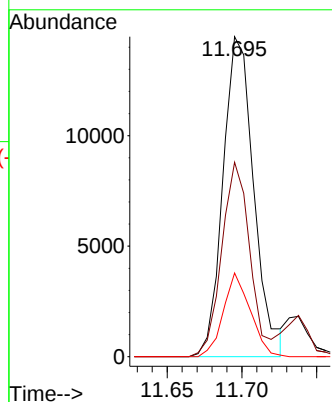
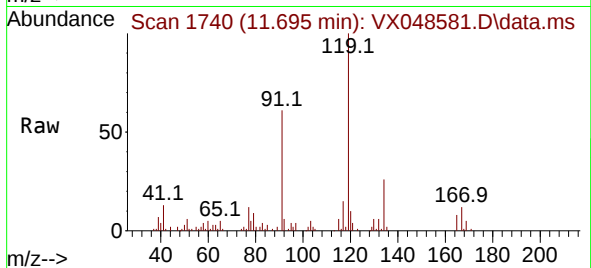
Tgt Ion:	119	Resp:	2075
Ion Ratio	Lower	Upper	
119	100		
91	55.6	27.1	81.3
134	22.9	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#84

1,2,4-Trimethylbenzene

Concen: 2.062 ug/l

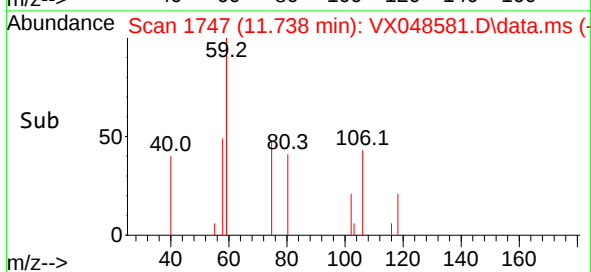
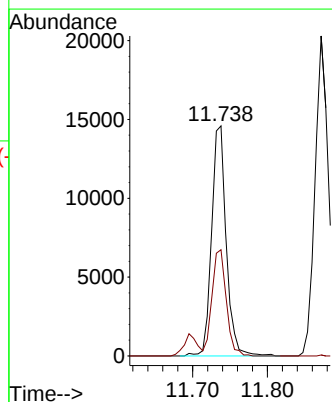
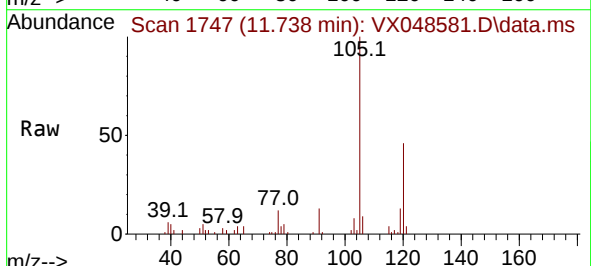
RT: 11.738 min Scan# 1747

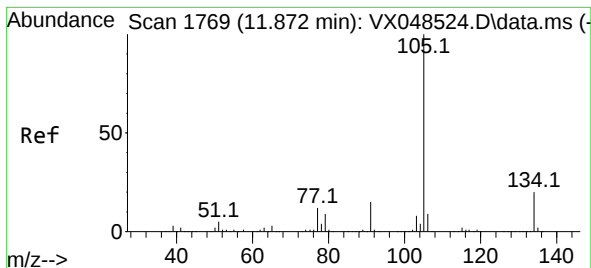
Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Tgt Ion:	105	Resp:	19879
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.4	67.0





#85

sec-Butylbenzene

Concen: 2.069 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 25269

Ion Ratio Lower Upper

105 100

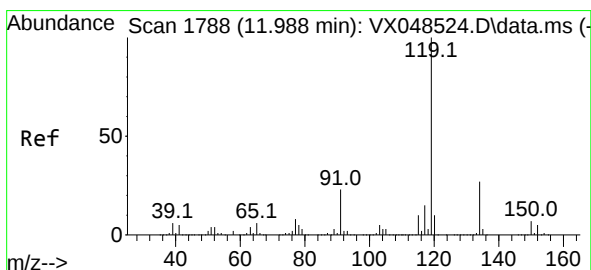
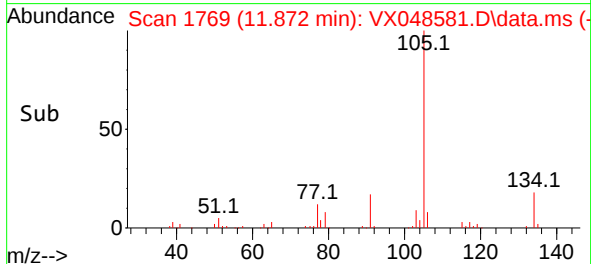
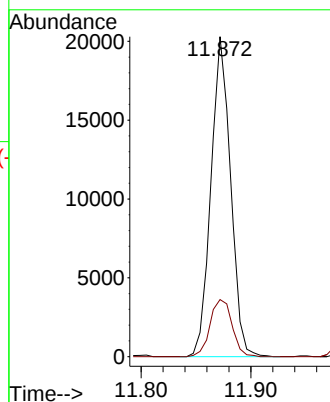
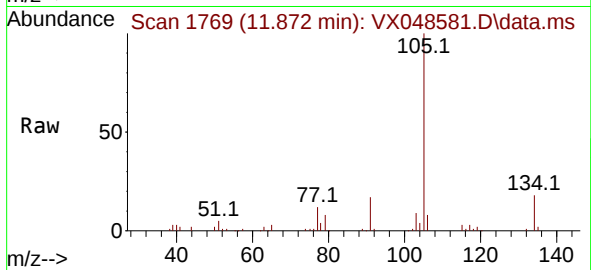
134 20.0 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#86

p-Isopropyltoluene

Concen: 2.016 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

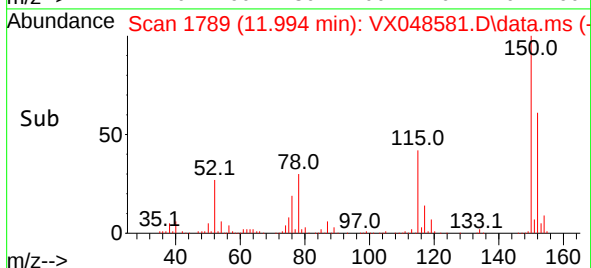
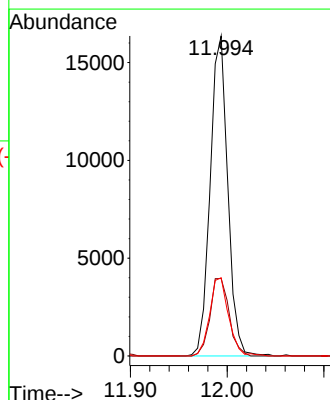
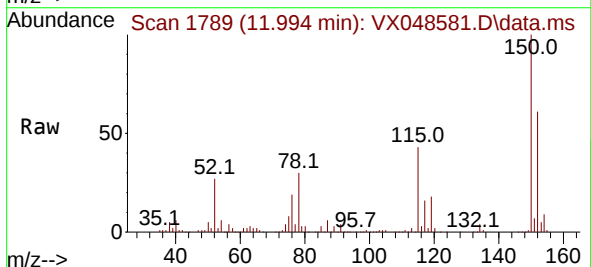
Tgt Ion:119 Resp: 20696

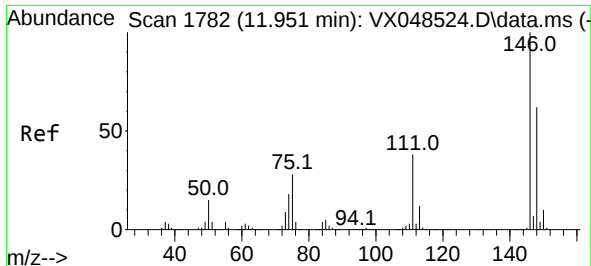
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 26.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 2.190 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

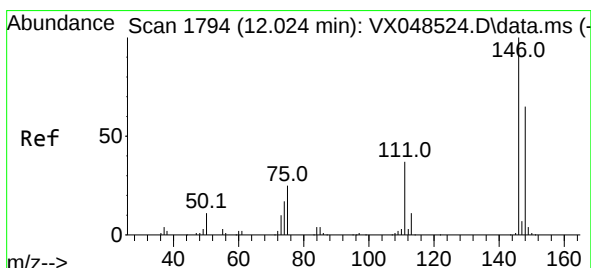
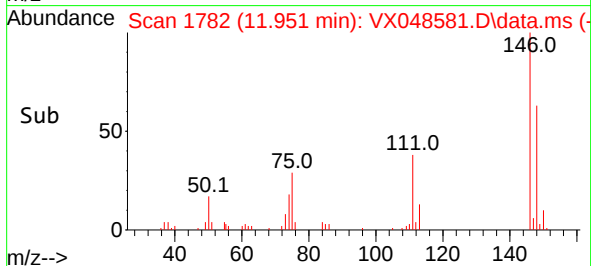
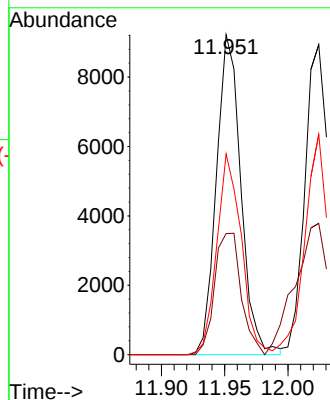
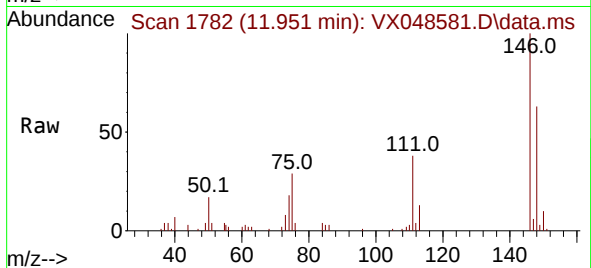
Tgt Ion:146	Resp:	12419
Ion Ratio	Lower	Upper
146	100	
111	41.2	19.8 59.4
148	62.8	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#88

1,4-Dichlorobenzene

Concen: 2.111 ug/l

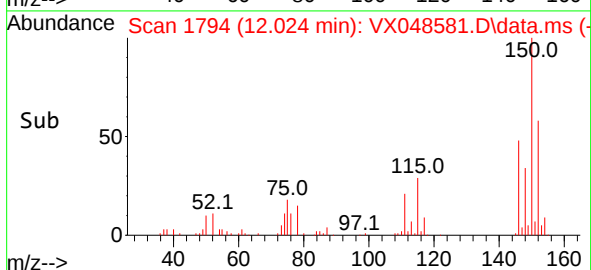
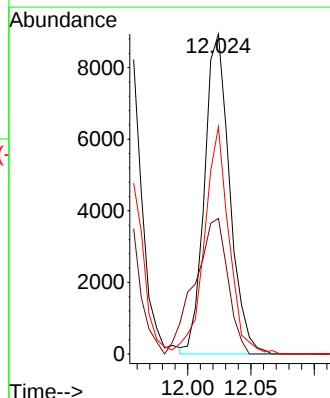
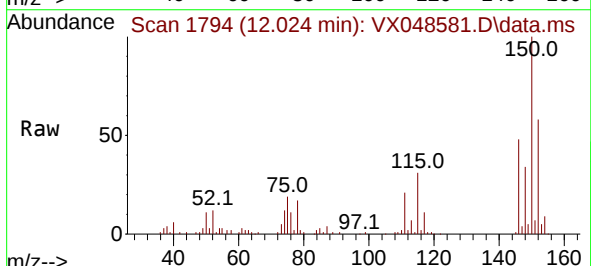
RT: 12.024 min Scan# 1794

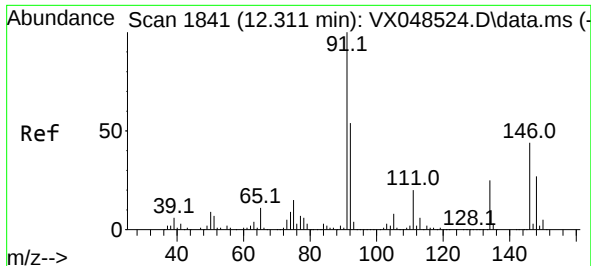
Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Tgt Ion:146	Resp:	12369
Ion Ratio	Lower	Upper
146	100	
111	55.7	19.2 57.6
148	69.1	31.9 95.9





#89

n-Butylbenzene

Concen: 1.981 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 19078

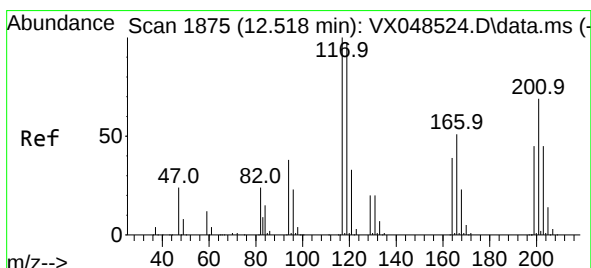
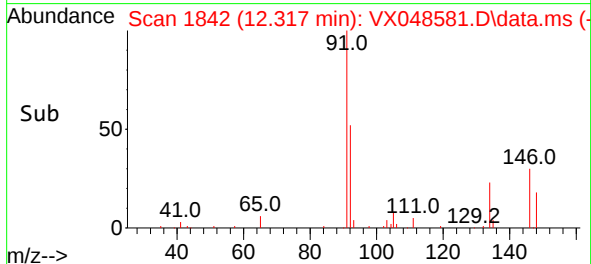
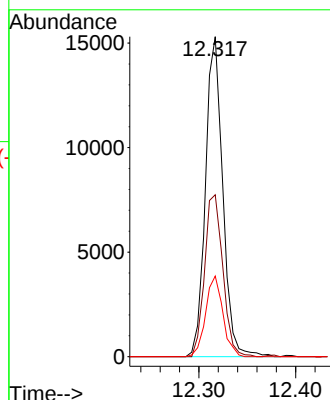
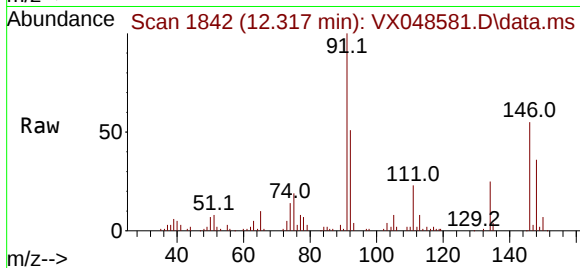
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.2	81.5
134	25.1	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#90

Hexachloroethane

Concen: 1.957 ug/l

RT: 12.518 min Scan# 1875

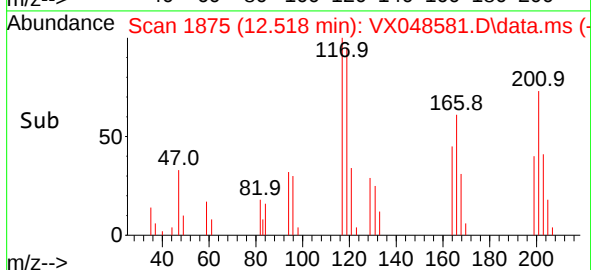
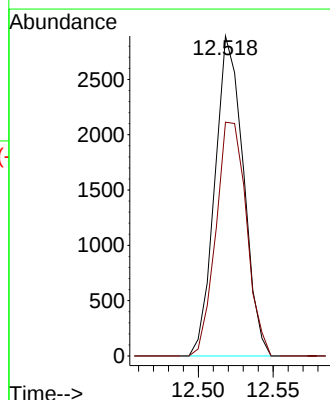
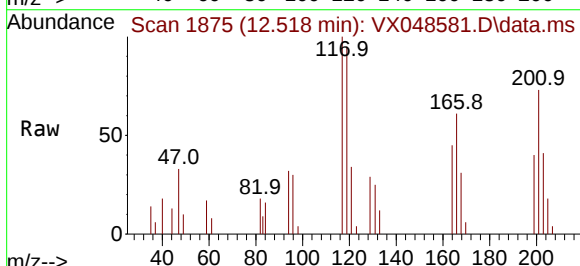
Delta R.T. -0.000 min

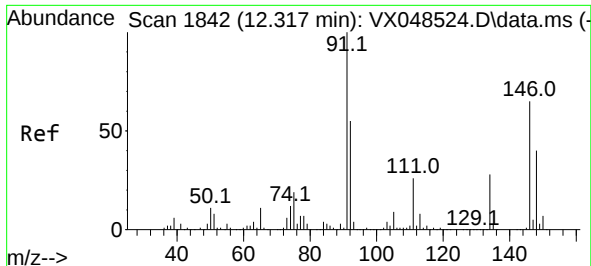
Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Tgt Ion:117 Resp: 3828

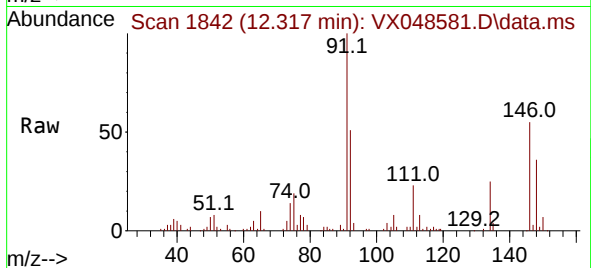
Ion	Ratio	Lower	Upper
117	100		
201	78.6	35.9	107.8





#91
1,2-Dichlorobenzene
Concen: 2.194 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

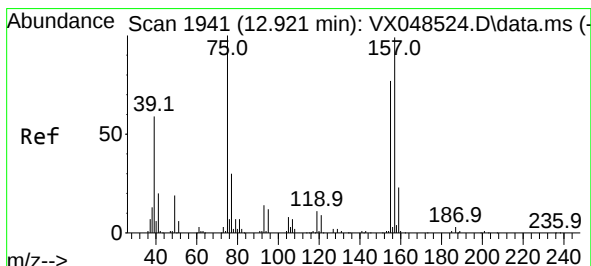
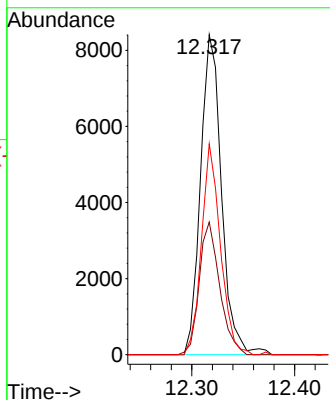
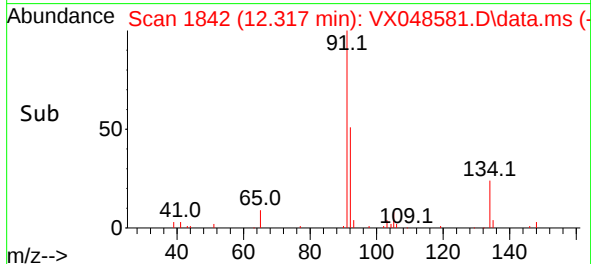
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:146 Resp: 1194
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.9
148 59.4 31.4 94.2

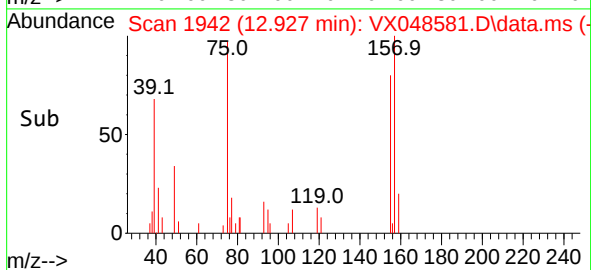
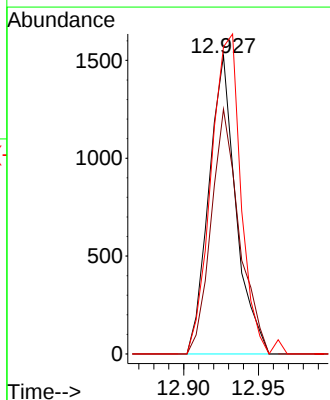
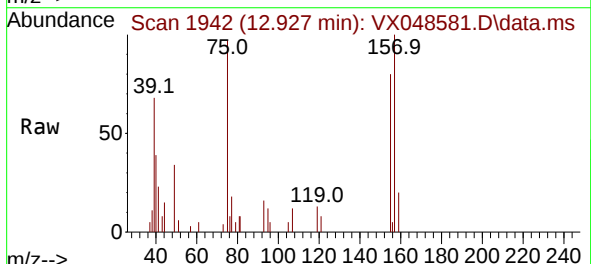
Manual Integrations
APPROVED

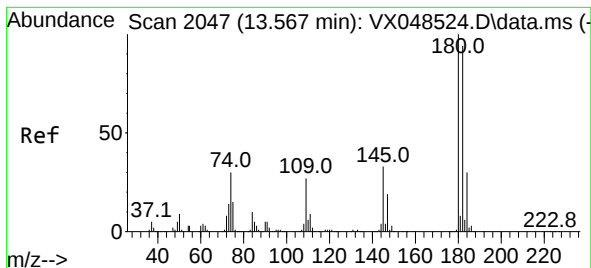
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.000 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion: 75 Resp: 1921
Ion Ratio Lower Upper
75 100
155 85.2 43.5 130.7
157 118.6 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 1.969 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

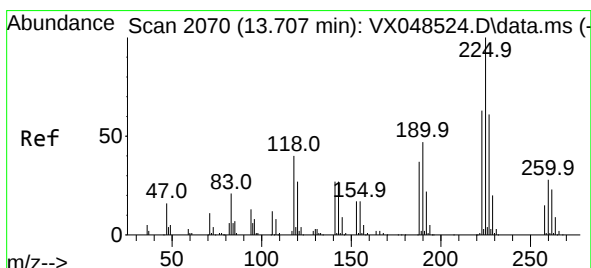
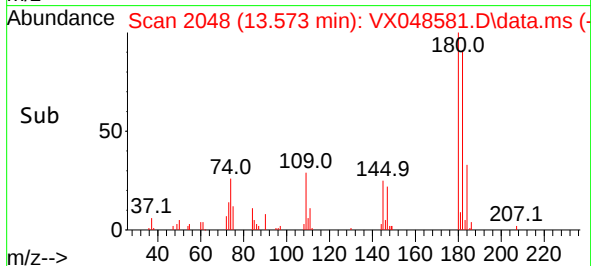
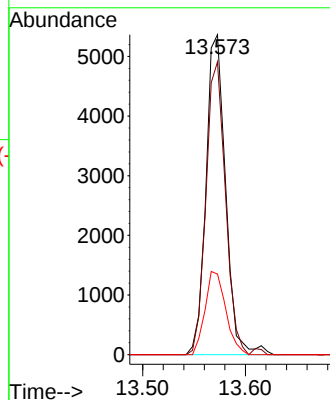
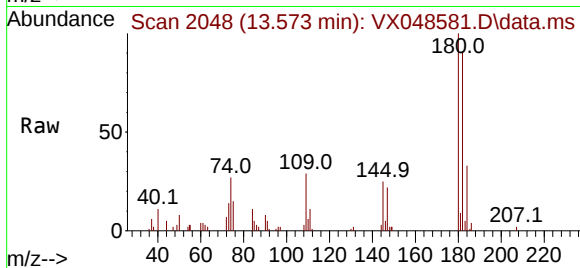
Tgt Ion:180	Resp:	712
Ion Ratio	Lower	Upper
180	100	
182	90.4	47.5 142.6
145	27.5	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#94

Hexachlorobutadiene

Concen: 1.979 ug/l

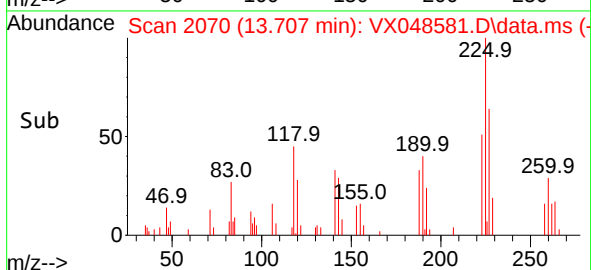
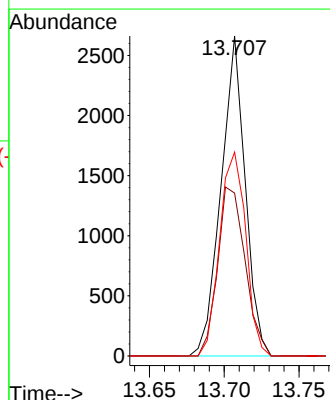
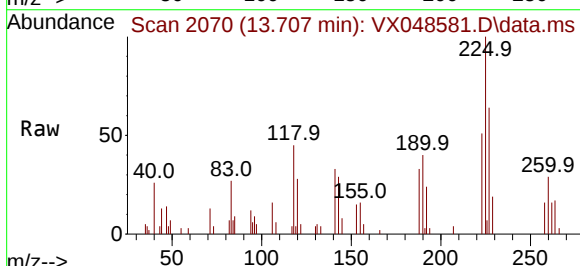
RT: 13.707 min Scan# 2070

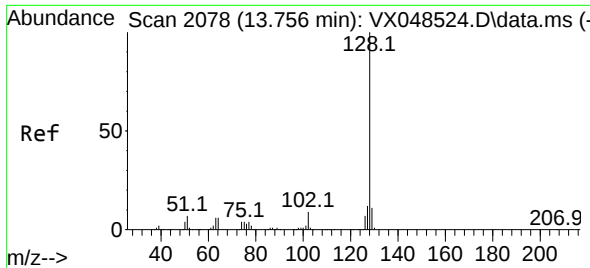
Delta R.T. -0.000 min

Lab File: VX048581.D

Acq: 12 Nov 2025 16:15

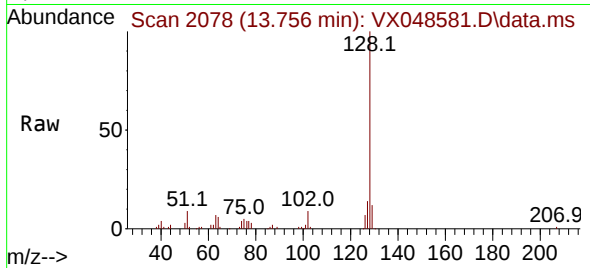
Tgt Ion:225	Resp:	2994
Ion Ratio	Lower	Upper
225	100	
223	60.2	30.6 92.0
227	68.8	32.5 97.4





#95
Naphthalene
Concen: 1.854 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

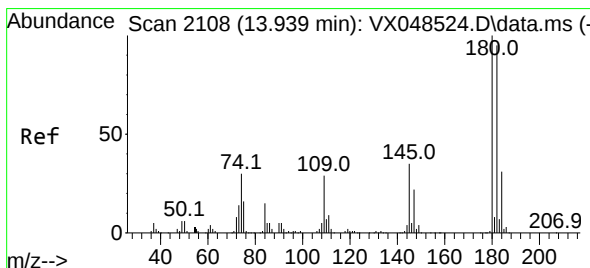
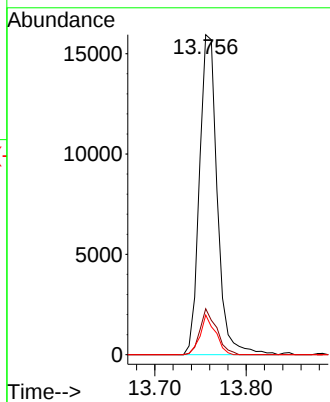
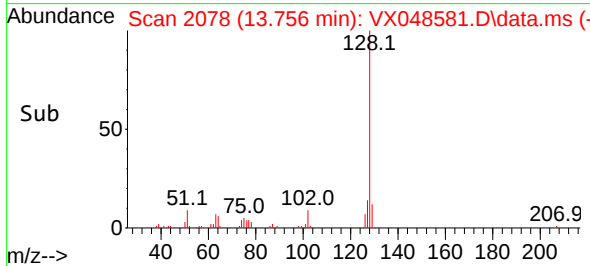
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 21569
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.130 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048581.D
Acq: 12 Nov 2025 16:15

Tgt Ion:180 Resp: 7170
Ion Ratio Lower Upper
180 100
182 89.1 47.3 142.0
145 29.4 16.7 50.0

