

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111225\
 Data File : VW039371.D
 Acq On : 12 Nov 2025 13:40
 Operator : SY/MD
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	739896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.526	114	1088986	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1044803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	567389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	498260	54.586	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.180%			
35) Dibromofluoromethane	4.497	113	438702	52.524	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.040%			
50) Toluene-d8	7.233	98	1278563	46.323	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.640%			
62) 4-Bromofluorobenzene	9.998	95	471582	44.465	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	6293	1.425	ug/l	96
3) Chloromethane	1.230	50	5808	1.409	ug/l	91
4) Vinyl Chloride	1.298	62	6117	1.203	ug/l #	87
5) Bromomethane	1.500	94	6128	2.024	ug/l	84
6) Chloroethane	1.561	64	4911	1.308	ug/l	98
7) Trichlorofluoromethane	1.725	101	12238	1.182	ug/l	96
8) Diethyl Ether	1.921	74	4289	1.086	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	6489	0.953	ug/l #	75
10) Methyl Iodide	2.201	142	7423	1.770	ug/l	98
11) Tert butyl alcohol	2.568	59	6555	6.703	ug/l	96
12) 1,1-Dichloroethene	2.082	96	6318	1.173	ug/l	87
13) Acrolein	2.005	56	810m	8.829	ug/l	
14) Allyl chloride	2.359	41	10661	1.111	ug/l #	85
15) Acrylonitrile	2.696	53	14823	3.906	ug/l #	73
16) Acetone	2.121	43	45000	9.318	ug/l	95
17) Carbon Disulfide	2.253	76	13061	1.534	ug/l #	91
18) Methyl Acetate	2.400	43	8678	0.671	ug/l #	76
19) Methyl tert-butyl Ether	2.709	73	22435	1.108	ug/l #	88
20) Methylene Chloride	2.458	84	9826	1.318	ug/l	93
21) trans-1,2-Dichloroethene	2.712	96	7204	1.349	ug/l	89
22) Diisopropyl ether	3.214	45	20185	0.968	ug/l #	12
23) Vinyl Acetate	3.220	43	69052	4.689	ug/l #	94
24) 1,1-Dichloroethane	3.121	63	13011	1.026	ug/l	98
25) 2-Butanone	3.925	43	27145m	5.387	ug/l	
26) 2,2-Dichloropropane	3.812	77	11733	1.100	ug/l	89
27) cis-1,2-Dichloroethene	3.844	96	6742m	0.929	ug/l	
28) Bromochloromethane	4.175	49	4751m	0.857	ug/l	
29) Tetrahydrofuran	4.265	42	10539	3.736	ug/l #	63
30) Chloroform	4.288	83	18720	1.337	ug/l #	80
31) Cyclohexane	4.587	56	20906	2.634	ug/l #	35
32) 1,1,1-Trichloroethane	4.510	97	14503	1.238	ug/l #	33
36) 1,1-Dichloropropene	4.760	75	6433	0.894	ug/l #	87
37) Ethyl Acetate	3.925	43	26399m	2.389	ug/l	
38) Carbon Tetrachloride	4.738	117	12066	1.129	ug/l	95
39) Methylcyclohexane	6.043	83	8440	1.102	ug/l	86
40) Benzene	5.024	78	27018	1.074	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111225\
 Data File : VW039371.D
 Acq On : 12 Nov 2025 13:40
 Operator : SY/MD
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.259	41	9530	2.415	ug/l #	37
42) 1,2-Dichloroethane	5.059	62	11301	1.153	ug/l	84
43) Isopropyl Acetate	5.230	43	9749	0.662	ug/l #	82
44) Trichloroethene	5.847	130	7338	1.075	ug/l	86
45) 1,2-Dichloropropane	6.101	63	5481	0.805	ug/l #	75
46) Dibromomethane	6.243	93	6556	1.198	ug/l	93
47) Bromodichloromethane	6.439	83	12887	1.087	ug/l	98
48) Methyl methacrylate	6.365	41	5743m	0.838	ug/l	
49) 1,4-Dioxane	6.346	88	2878m	27.250	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	43553	4.328	ug/l	90
52) Toluene	7.320	92	16725	1.061	ug/l	88
53) t-1,3-Dichloropropene	7.596	75	9916	0.972	ug/l	94
54) cis-1,3-Dichloropropene	6.966	75	9406	0.869	ug/l #	92
55) 1,1,2-Trichloroethane	7.773	97	9310	1.166	ug/l #	86
56) Ethyl methacrylate	7.741	69	8011m	0.831	ug/l	
57) 1,3-Dichloropropane	7.950	76	13290	1.083	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.841	63	11451m	4.178	ug/l	
59) 2-Hexanone	8.085	43	34407	4.784	ug/l	83
60) Dibromochloromethane	8.172	129	11129	1.088	ug/l	92
61) 1,2-Dibromoethane	8.284	107	9262	1.190	ug/l	86
64) Tetrachloroethene	7.899	164	7923	1.227	ug/l #	85
65) Chlorobenzene	8.805	112	24213	1.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	9800	1.129	ug/l #	66
67) Ethyl Benzene	8.944	91	30439	1.012	ug/l	90
68) m/p-Xylenes	9.069	106	20434	1.799	ug/l	97
69) o-Xylene	9.477	106	8893	0.827	ug/l	60
70) Styrene	9.503	104	16535	0.860	ug/l #	62
71) Bromoform	9.661	173	9742	1.209	ug/l #	99
73) Isopropylbenzene	9.860	105	26653	0.962	ug/l	92
74) N-amyl acetate	9.744	43	10270m	0.946	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.169	83	15392	1.276	ug/l	98
76) 1,2,3-Trichloropropane	10.201	75	9274	1.053	ug/l #	45
77) Bromobenzene	10.153	156	10748	1.257	ug/l	95
78) n-propylbenzene	10.281	91	35263	1.111	ug/l	98
79) 2-Chlorotoluene	10.355	91	23023	1.133	ug/l	97
80) 1,3,5-Trimethylbenzene	10.468	105	22103	0.976	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.934	75	3300m	1.004	ug/l	
82) 4-Chlorotoluene	10.474	91	22169	0.976	ug/l	96
83) tert-Butylbenzene	10.789	119	26072	1.047	ug/l	98
84) 1,2,4-Trimethylbenzene	10.844	105	20394	0.924	ug/l	95
85) sec-Butylbenzene	11.011	105	29020	0.983	ug/l	94
86) p-Isopropyltoluene	11.169	119	26684	1.047	ug/l	96
87) 1,3-Dichlorobenzene	11.117	146	18821	1.147	ug/l	93
88) 1,4-Dichlorobenzene	11.201	146	21651m	1.211	ug/l	
89) n-Butylbenzene	11.587	91	24060	1.059	ug/l	96
90) Hexachloroethane	11.818	117	7491	1.180	ug/l	100
91) 1,2-Dichlorobenzene	11.580	146	18527	1.154	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.361	75	2472	0.996	ug/l	79
93) 1,2,4-Trichlorobenzene	13.194	180	10965	1.077	ug/l	96
94) Hexachlorobutadiene	13.368	225	7316	1.347	ug/l	95
95) Naphthalene	13.439	128	22979	0.842	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.673	180	10423	0.992	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
Data File : VV039371.D
Acq On : 12 Nov 2025 13:40
Operator : SY/MD
Sample : Q3530-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Manual Integrations
APPROVED

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

Quant Time: Nov 14 00:22:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

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

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

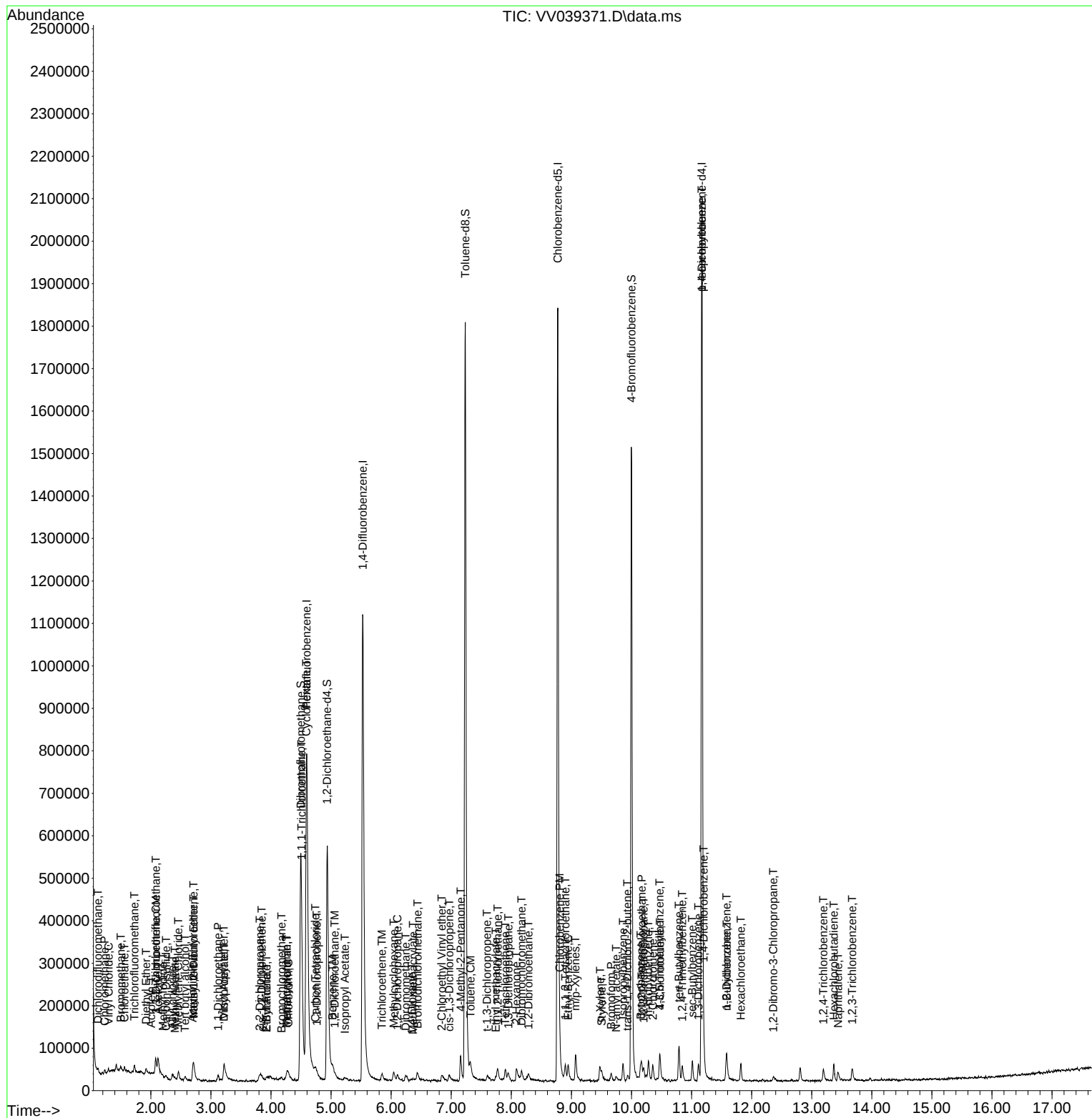
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
Data File : VV039371.D
Acq On : 12 Nov 2025 13:40
Operator : SY/MD
Sample : Q3530-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

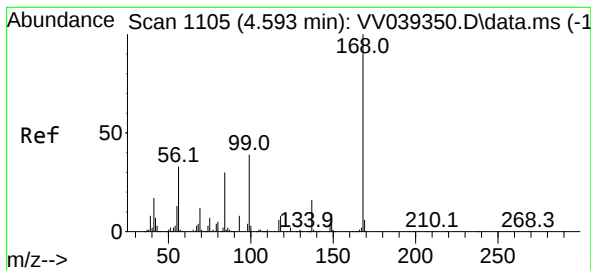
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

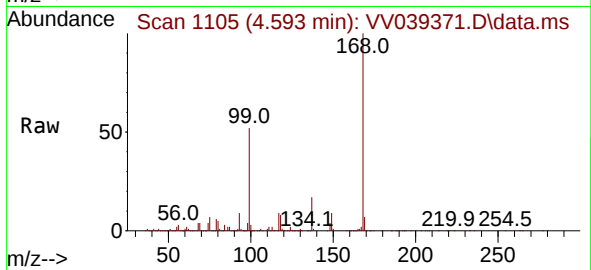
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

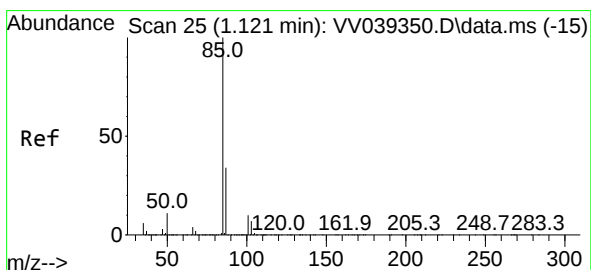
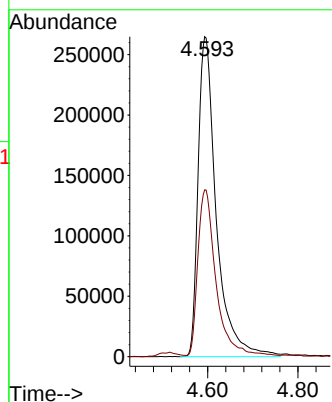
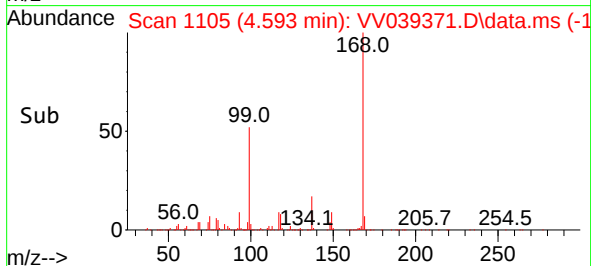
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:168 Resp: 739890
Ion Ratio Lower Upper
168 100
99 51.7 41.2 61.8

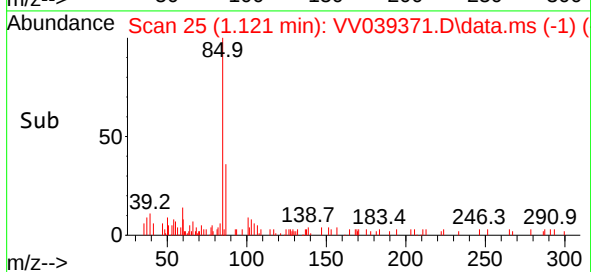
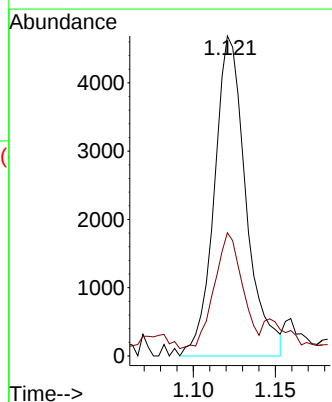
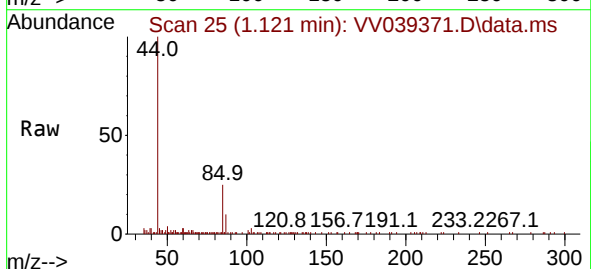
Manual Integrations
APPROVED

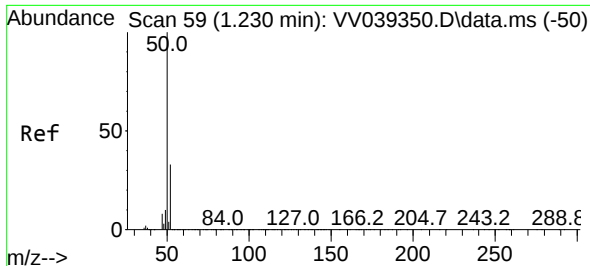
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#2
Dichlorodifluoromethane
Concen: 1.425 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

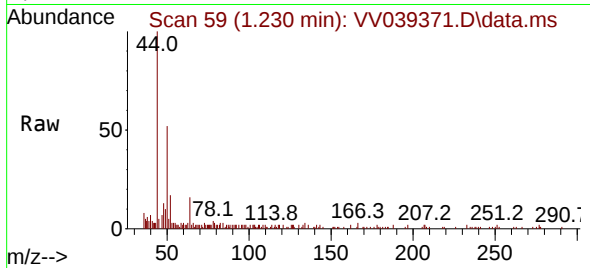
Tgt Ion: 85 Resp: 6293
Ion Ratio Lower Upper
85 100
87 36.2 16.9 50.7





#3
Chloromethane
Concen: 1.409 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

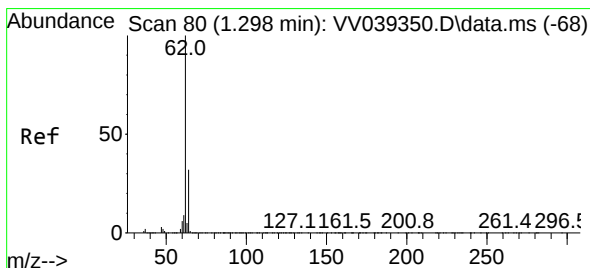
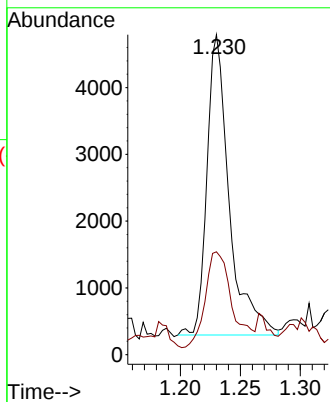
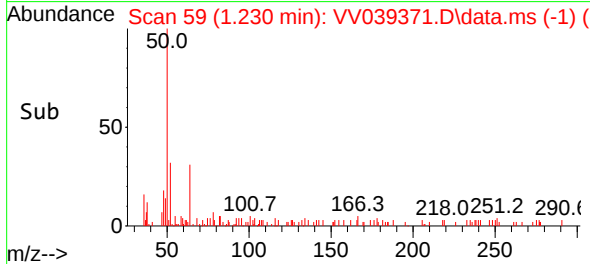
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



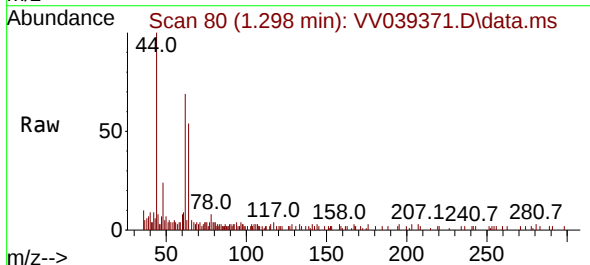
Tgt Ion: 50 Resp: 5808
Ion Ratio Lower Upper
50 100
52 28.1 26.6 39.8

Manual Integrations
APPROVED

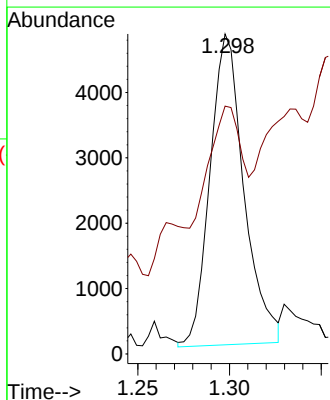
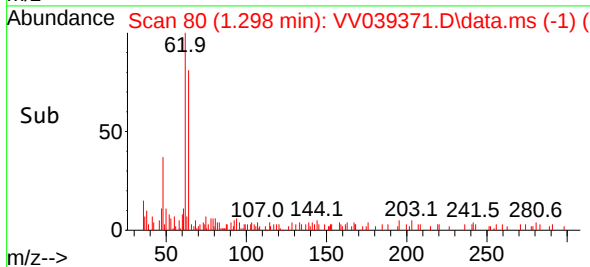
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

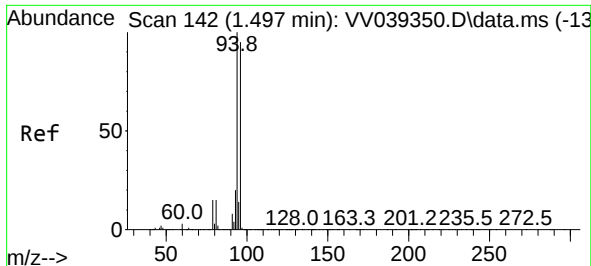


#4
Vinyl Chloride
Concen: 1.203 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40



Tgt Ion: 62 Resp: 6117
Ion Ratio Lower Upper
62 100
64 39.0 25.3 37.9





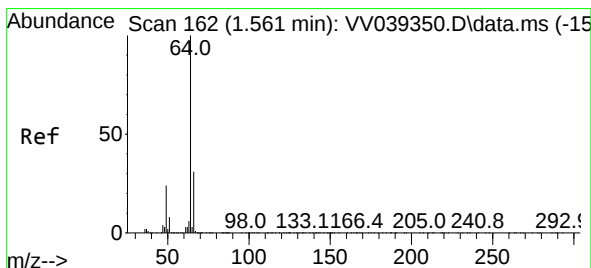
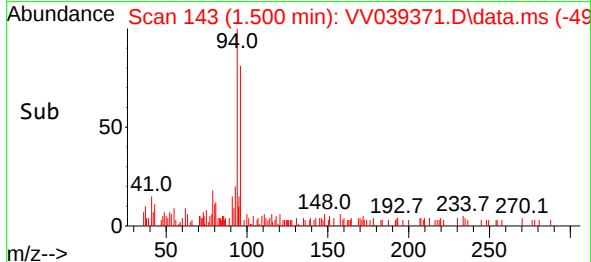
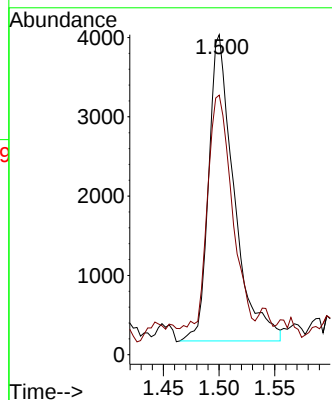
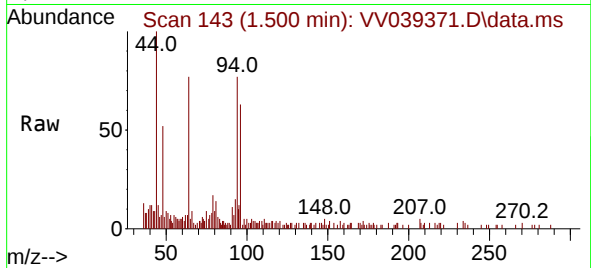
#5
Bromomethane
Concen: 2.024 ug/l
RT: 1.500 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 94 Resp: 6128
Ion Ratio Lower Upper
94 100
96 78.9 75.6 113.4

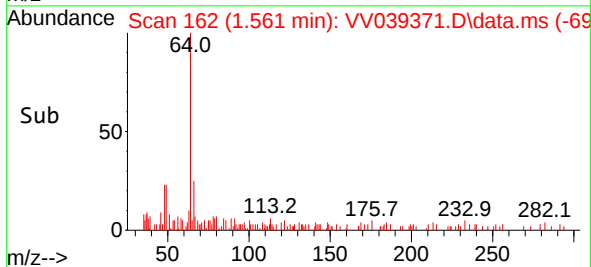
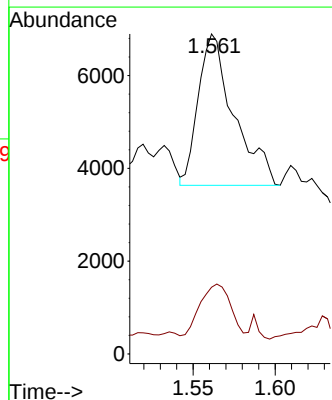
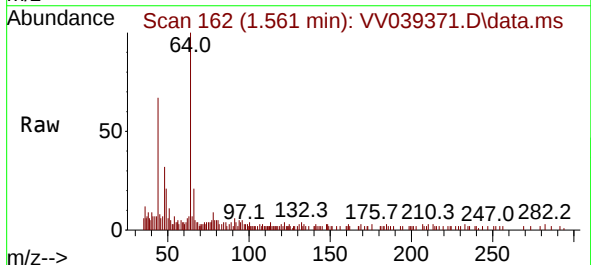
Manual Integrations
APPROVED

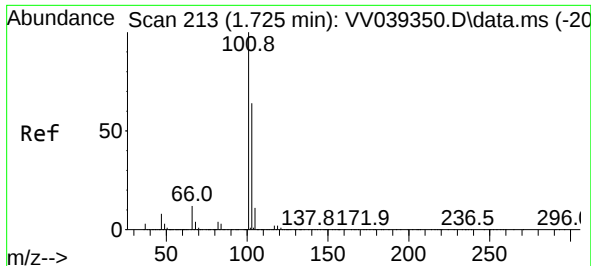
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#6
Chloroethane
Concen: 1.308 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 64 Resp: 4911
Ion Ratio Lower Upper
64 100
66 32.1 24.7 37.1





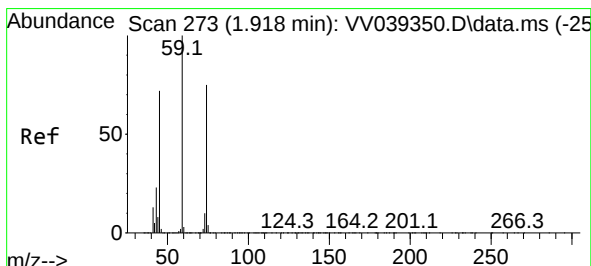
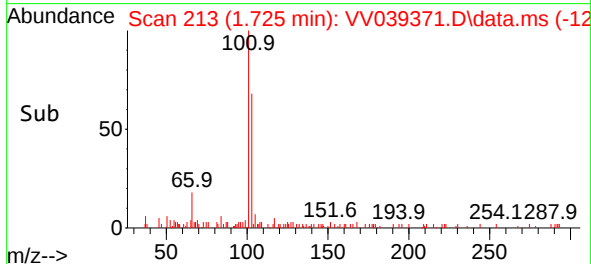
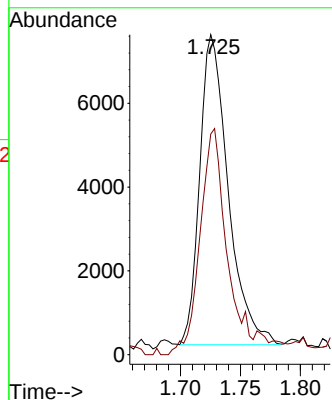
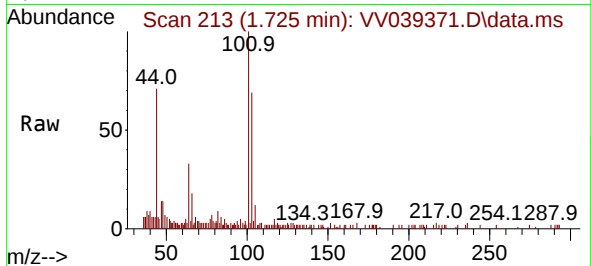
#7
Trichlorofluoromethane
Concen: 1.182 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:101 Resp: 12238
Ion Ratio Lower Upper
101 100
103 67.0 50.9 76.3

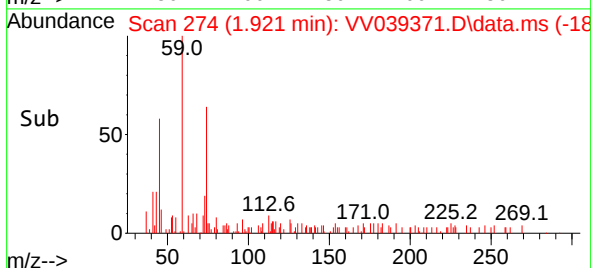
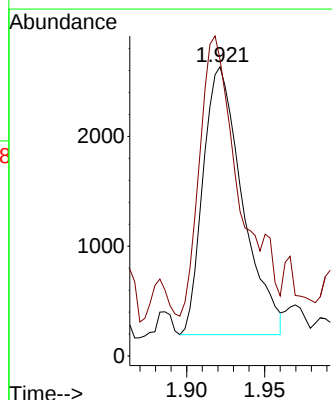
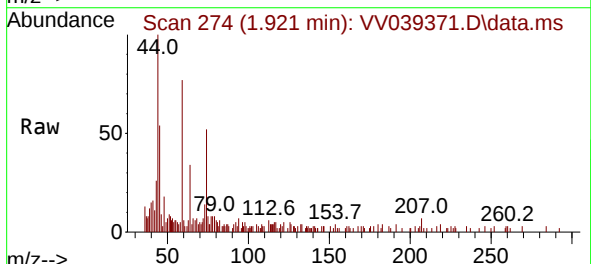
Manual Integrations
APPROVED

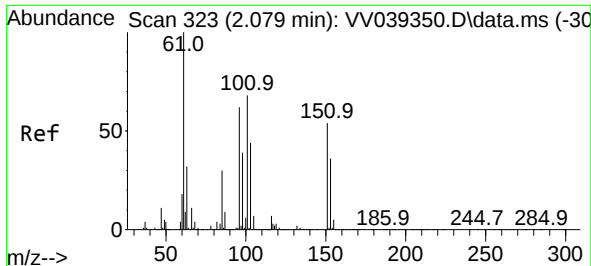
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#8
Diethyl Ether
Concen: 1.086 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 74 Resp: 4289
Ion Ratio Lower Upper
74 100
45 105.7 50.6 151.8





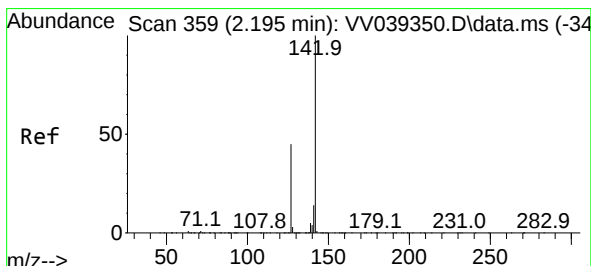
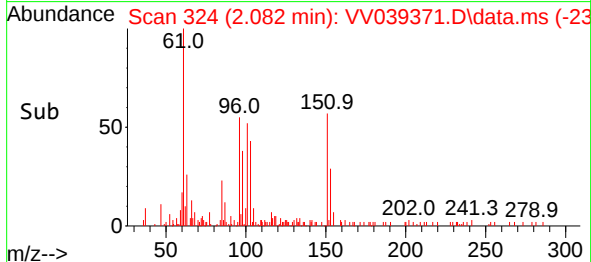
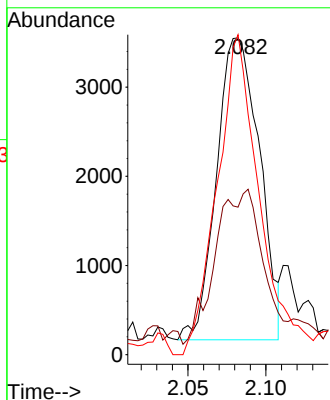
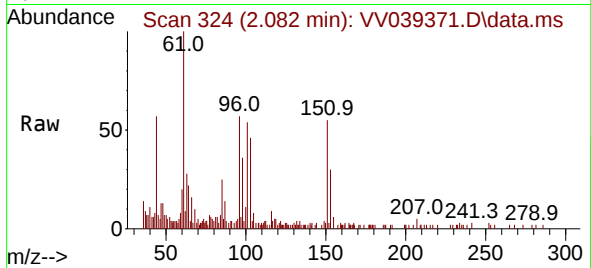
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.953 ug/l
RT: 2.082 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:101 Resp: 6489
Ion Ratio Lower Upper
101 100
85 29.7 33.5 50.3
151 104.0 63.6 95.4

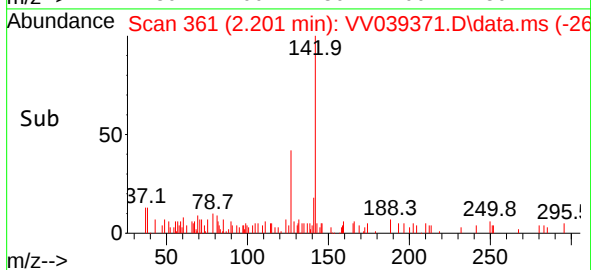
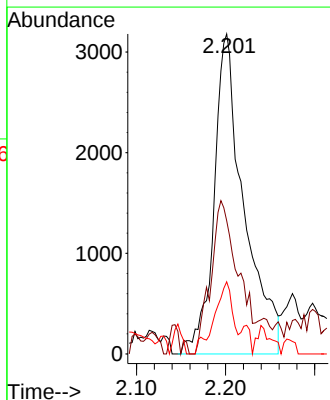
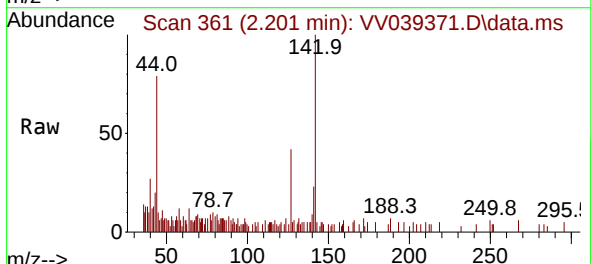
Manual Integrations
APPROVED

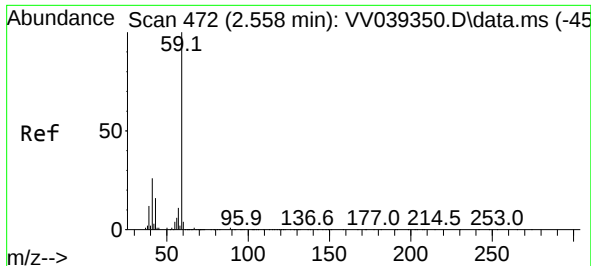
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 1.770 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

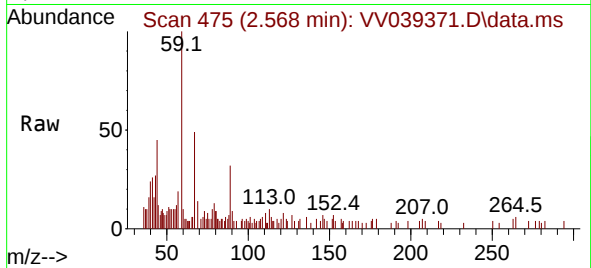
Tgt Ion:142 Resp: 7423
Ion Ratio Lower Upper
142 100
127 43.6 35.1 52.7
141 12.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 6.703 ug/l
RT: 2.568 min Scan# 472
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

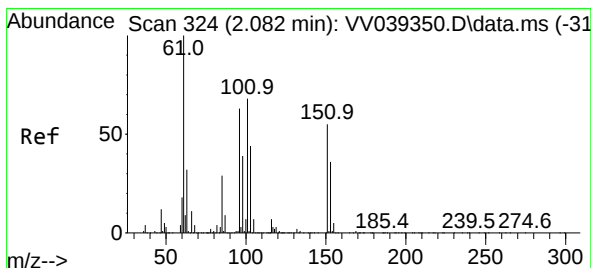
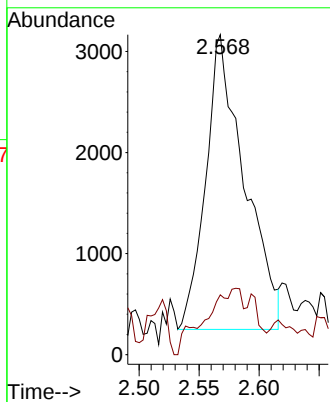
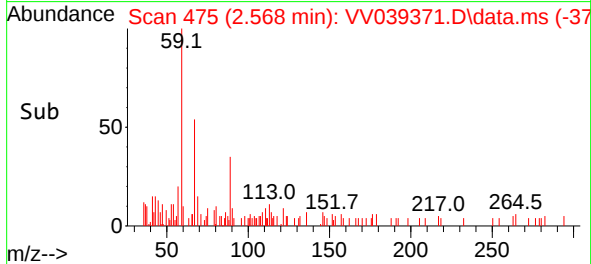
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



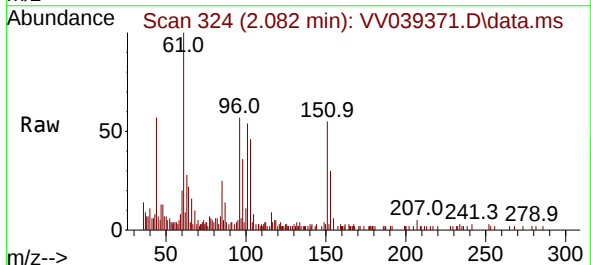
Tgt Ion: 59 Resp: 6558
Ion Ratio Lower Upper
59 100
57 8.6 8.0 12.0

Manual Integrations
APPROVED

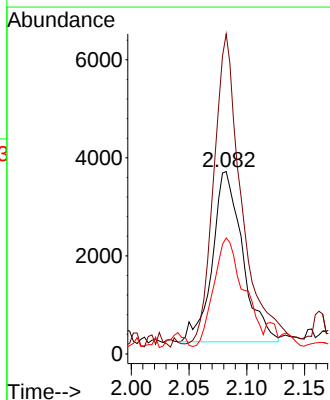
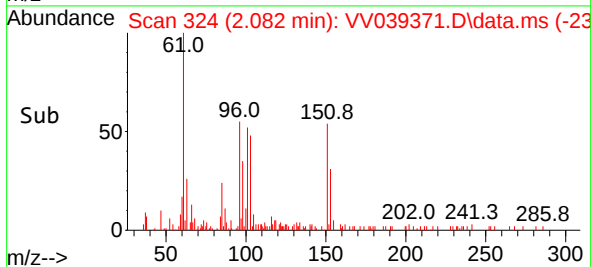
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

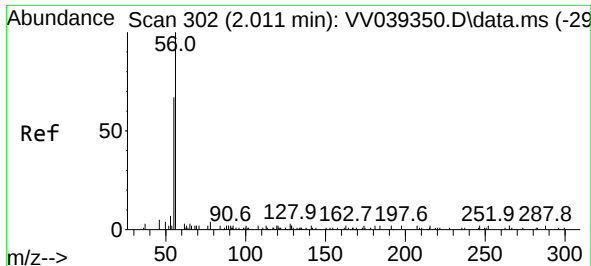


#12
1,1-Dichloroethene
Concen: 1.173 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40



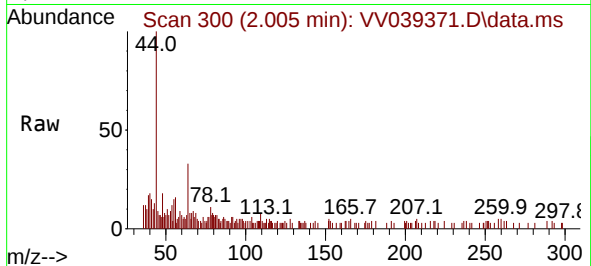
Tgt Ion: 96 Resp: 6318
Ion Ratio Lower Upper
96 100
61 181.1 127.8 191.6
98 58.7 50.2 75.2





#13
Acrolein
Concen: 8.829 ug/l m
RT: 2.005 min Scan# 30
Delta R.T. -0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

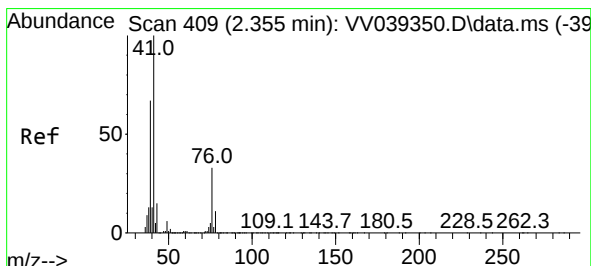
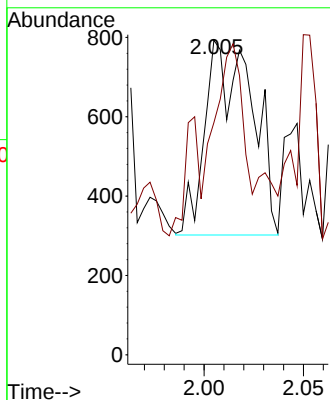
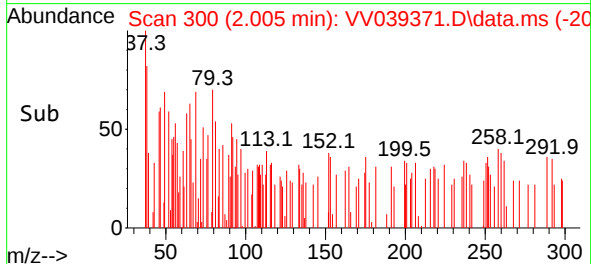
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 56 Resp: 810
Ion Ratio Lower Upper
56 100
55 47.2 55.2 82.8

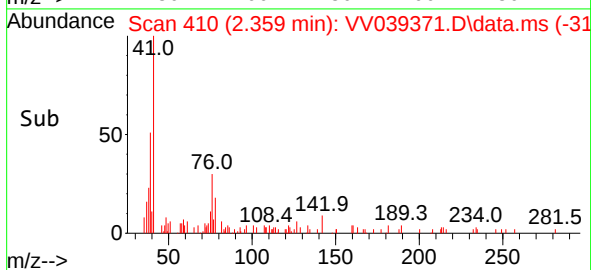
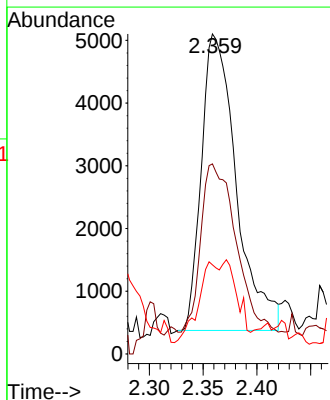
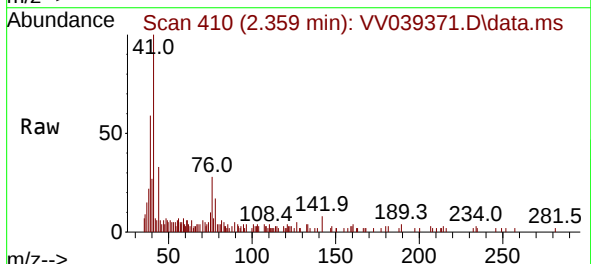
Manual Integrations
APPROVED

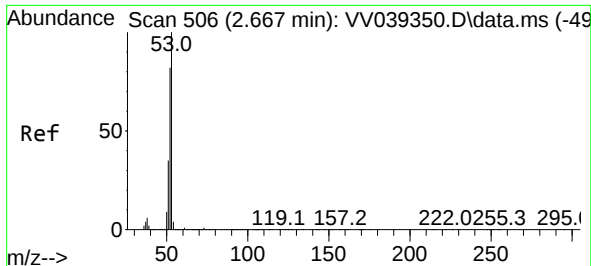
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#14
Allyl chloride
Concen: 1.111 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

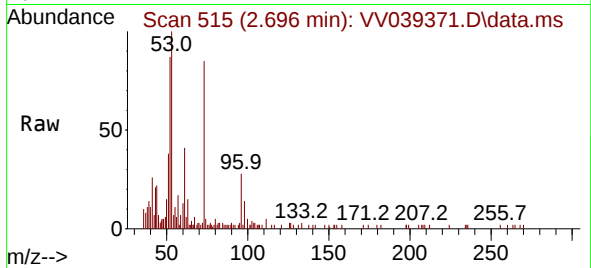
Tgt Ion: 41 Resp: 10661
Ion Ratio Lower Upper
41 100
39 68.1 50.7 76.1
76 16.2 27.0 40.6





#15
Acrylonitrile
Concen: 3.906 ug/l
RT: 2.696 min Scan# 515
Delta R.T. 0.029 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

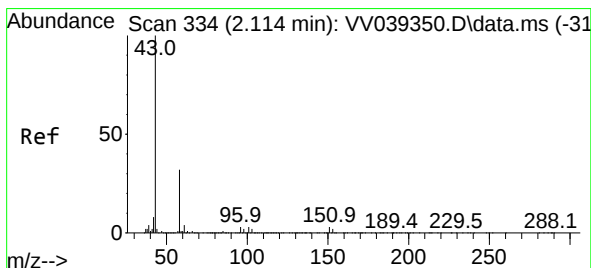
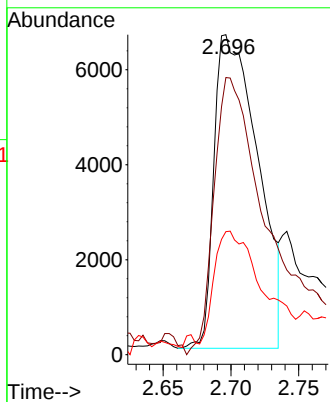
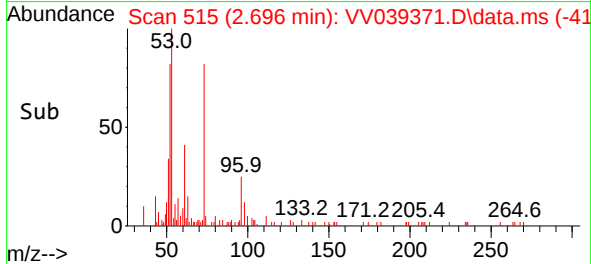
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 53 Resp: 1482
Ion Ratio Lower Upper
53 100
52 113.0 65.2 97.8
51 39.3 28.4 42.6

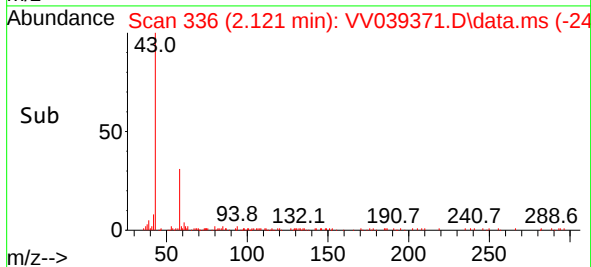
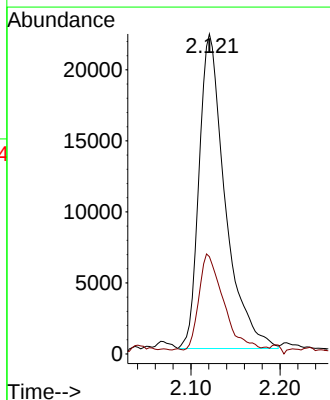
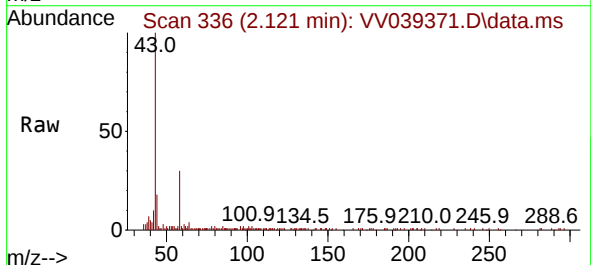
Manual Integrations
APPROVED

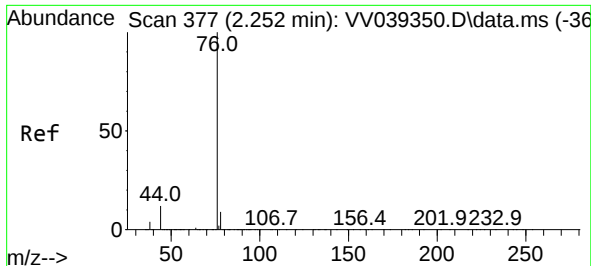
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#16
Acetone
Concen: 9.318 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

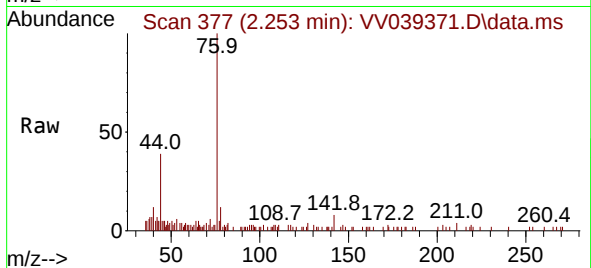
Tgt Ion: 43 Resp: 45000
Ion Ratio Lower Upper
43 100
58 29.3 25.5 38.3





#17
Carbon Disulfide
Concen: 1.534 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

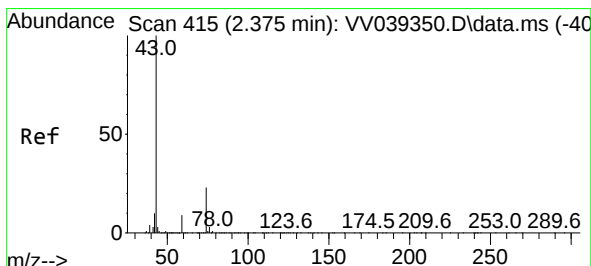
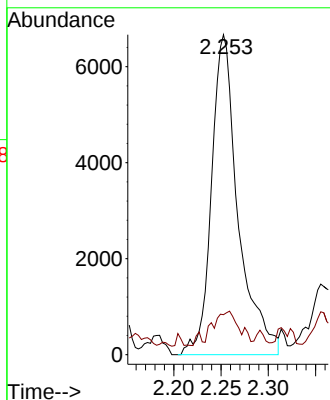
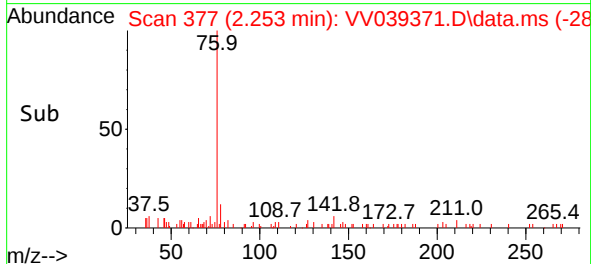
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 76 Resp: 1306
Ion Ratio Lower Upper
76 100
78 5.9 7.4 11.0

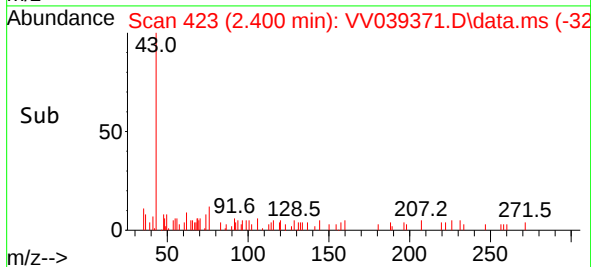
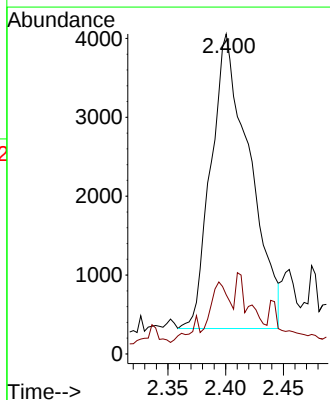
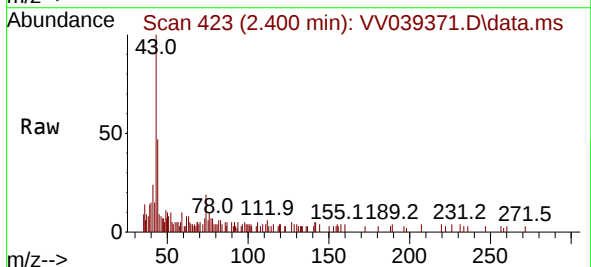
Manual Integrations
APPROVED

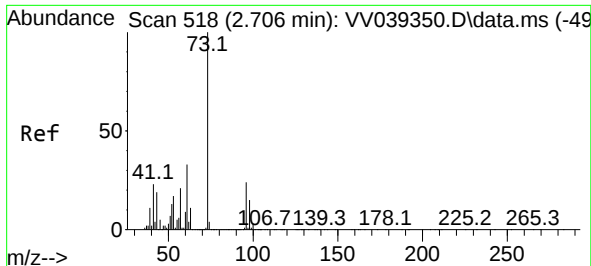
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 0.671 ug/l
RT: 2.400 min Scan# 423
Delta R.T. 0.026 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 43 Resp: 8678
Ion Ratio Lower Upper
43 100
74 11.7 18.9 28.3





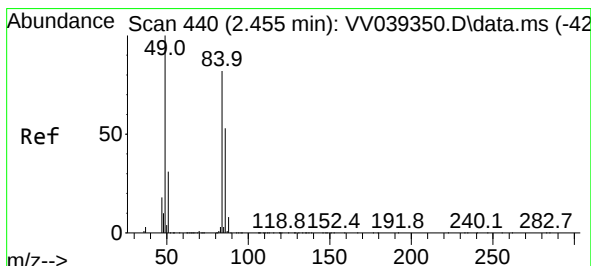
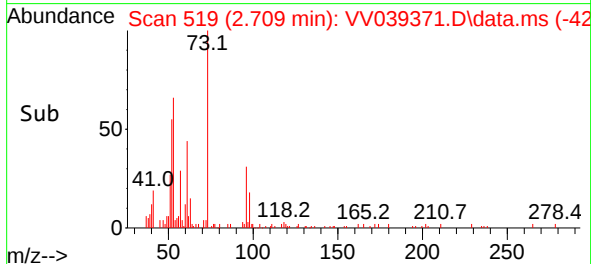
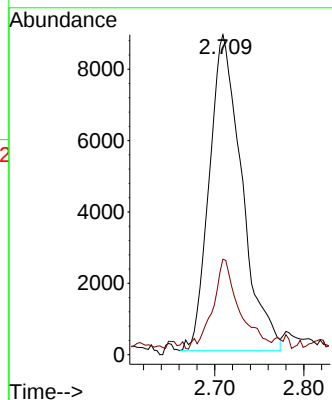
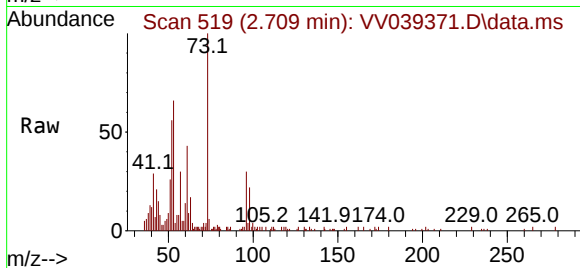
#19
Methyl tert-butyl Ether
Concen: 1.108 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 73 Resp: 2243
Ion Ratio Lower Upper
73 100
57 27.2 17.0 25.6

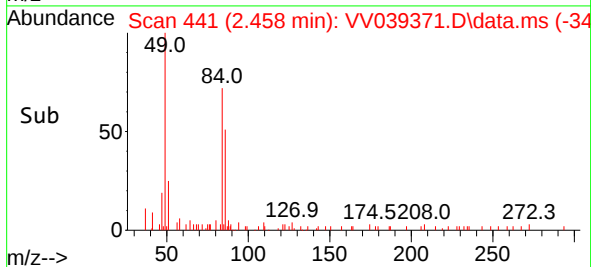
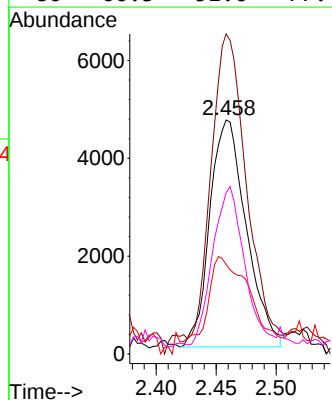
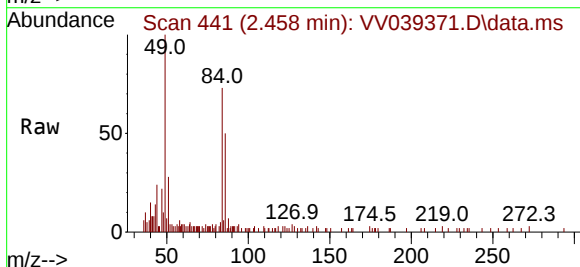
Manual Integrations
APPROVED

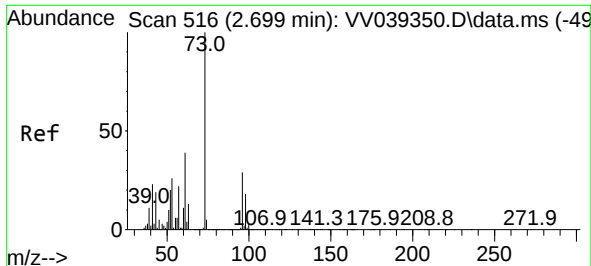
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 1.318 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

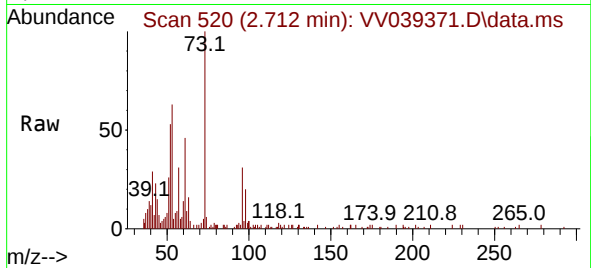
Tgt Ion: 84 Resp: 9826
Ion Ratio Lower Upper
84 100
49 133.2 97.8 146.8
51 34.1 30.2 45.4
86 66.3 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 1.349 ug/l
RT: 2.712 min Scan# 516
Delta R.T. 0.013 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

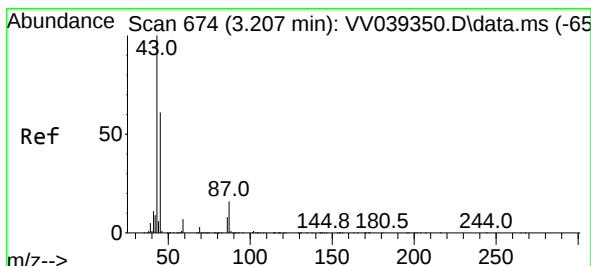
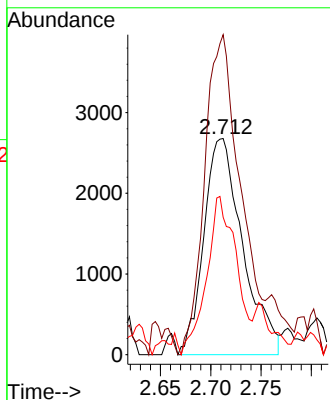
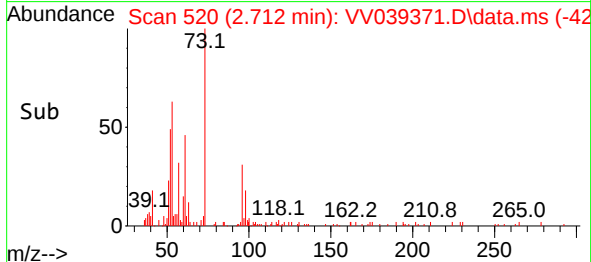
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 96 Resp: 7204
Ion Ratio Lower Upper
96 100
61 148.0 108.9 163.3
98 54.9 51.7 77.5

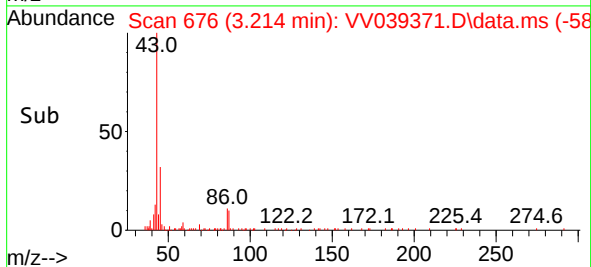
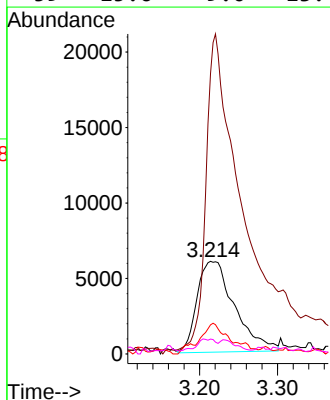
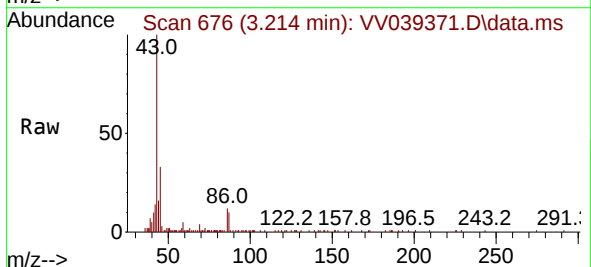
Manual Integrations
APPROVED

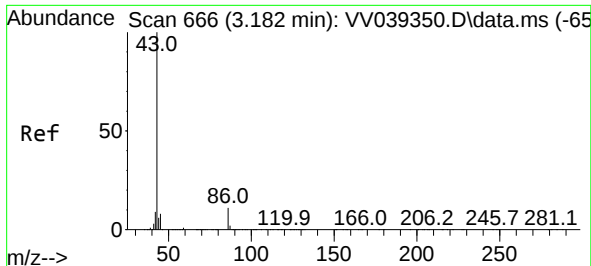
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#22
Diisopropyl ether
Concen: 0.968 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 45 Resp: 20185
Ion Ratio Lower Upper
45 100
43 308.4 132.1 198.1#
87 29.6 21.8 32.6
59 15.6 9.0 13.4#





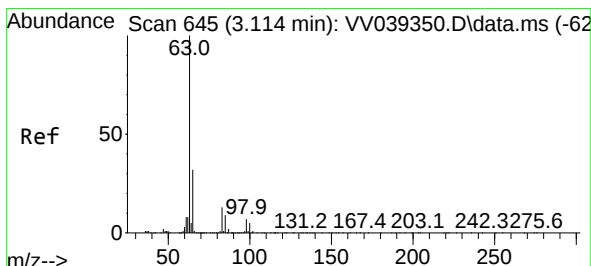
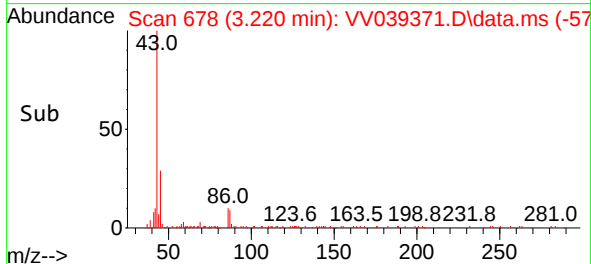
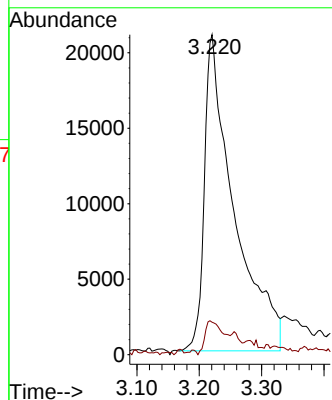
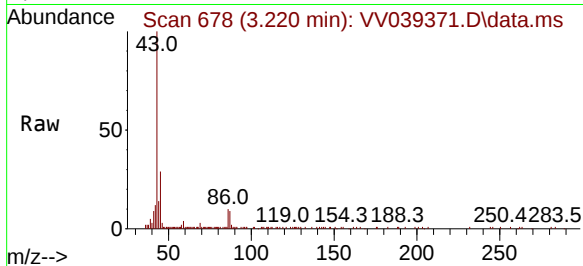
#23
 Vinyl Acetate
 Concen: 4.689 ug/l
 RT: 3.220 min Scan# 61
 Delta R.T. 0.039 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 6905
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.6 12.8

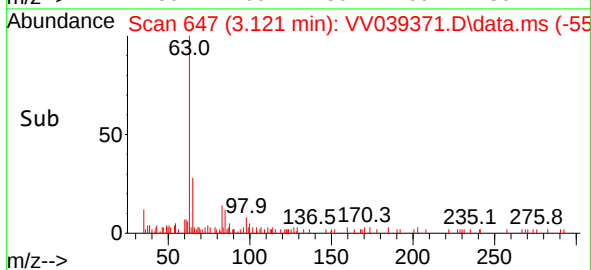
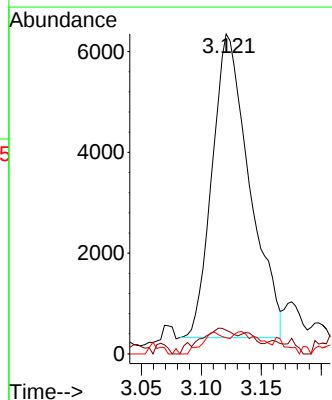
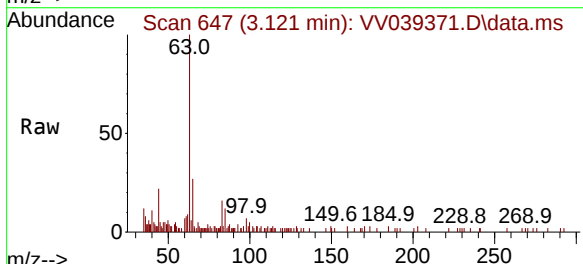
Manual Integrations
 APPROVED

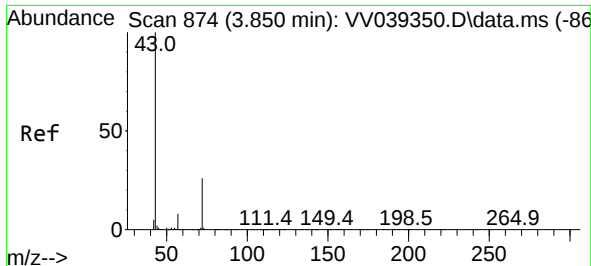
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#24
 1,1-Dichloroethane
 Concen: 1.026 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.006 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

Tgt Ion: 63 Resp: 13011
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 5.4 2.3 6.9





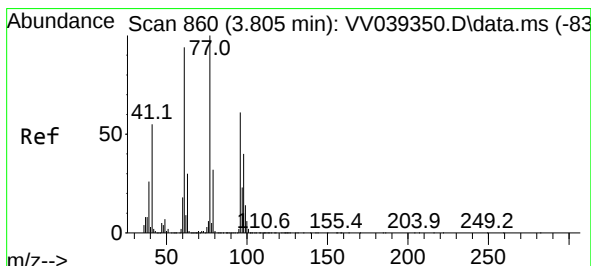
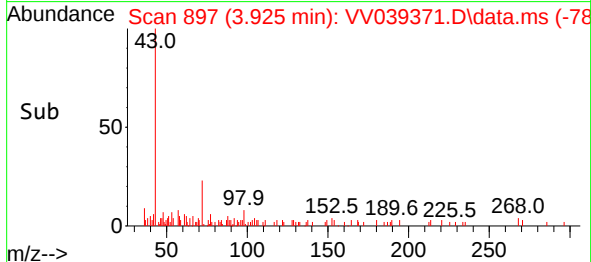
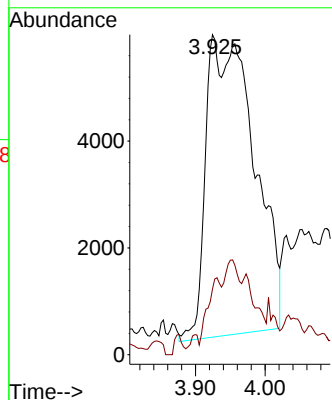
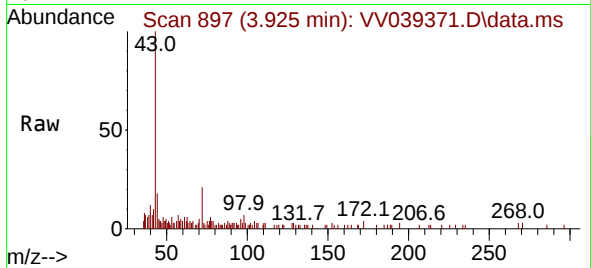
#25
2-Butanone
Concen: 5.387 ug/l m
RT: 3.925 min Scan# 897
Delta R.T. 0.074 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 2714
Ion Ratio Lower Upper
43 100
72 20.5 20.5 30.7

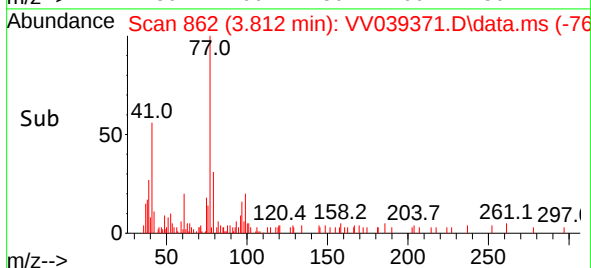
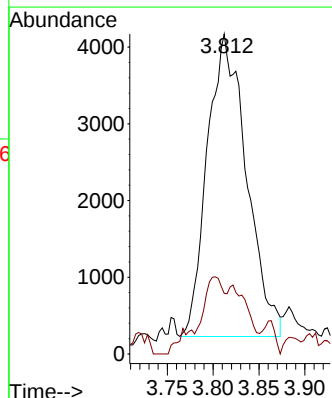
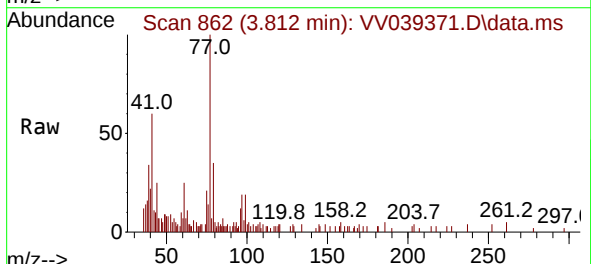
Manual Integrations
APPROVED

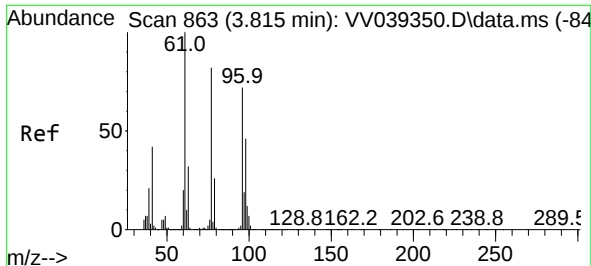
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 1.100 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

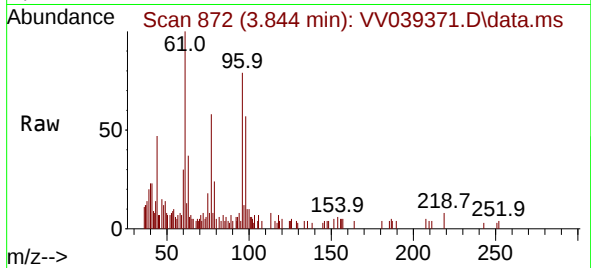
Tgt Ion: 77 Resp: 11733
Ion Ratio Lower Upper
77 100
97 17.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 0.929 ug/l m
 RT: 3.844 min Scan# 81
 Delta R.T. 0.029 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

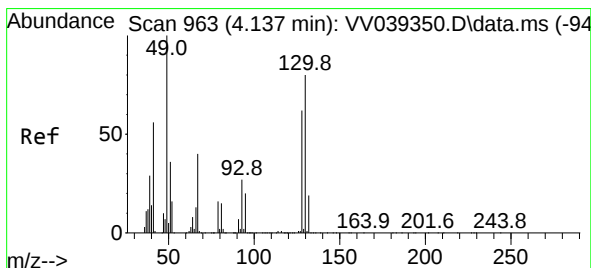
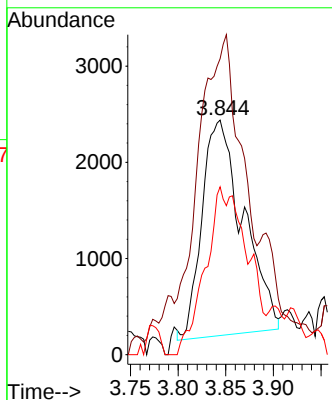
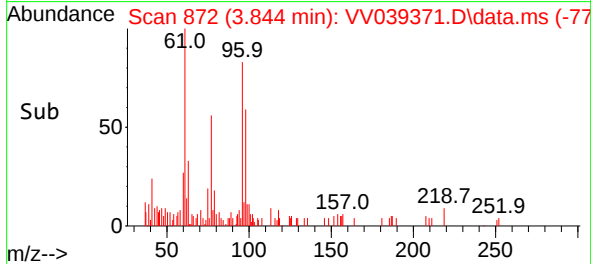
Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion: 96 Resp: 674
 Ion Ratio Lower Upper
 96 100
 61 118.2 0.0 287.8
 98 40.0 0.0 129.6

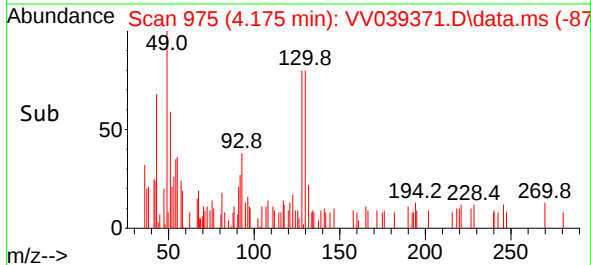
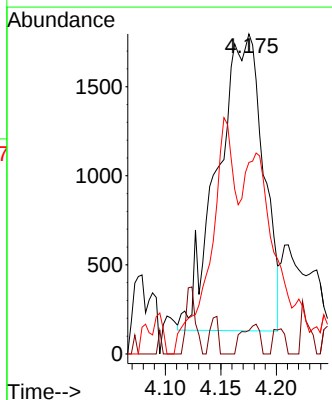
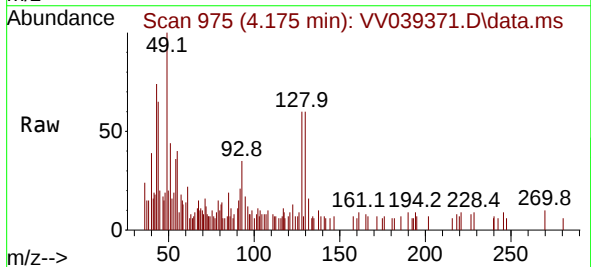
Manual Integrations
 APPROVED

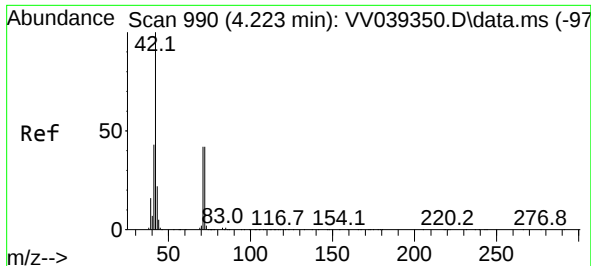
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#28
 Bromochloromethane
 Concen: 0.857 ug/l m
 RT: 4.175 min Scan# 975
 Delta R.T. 0.039 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

Tgt Ion: 49 Resp: 4751
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.0#
 130 43.7 67.9 101.9#





#29

Tetrahydrofuran

Concen: 3.736 ug/l

RT: 4.265 min Scan# 1053

Delta R.T. 0.042 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

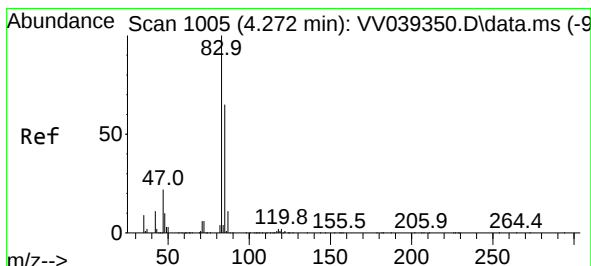
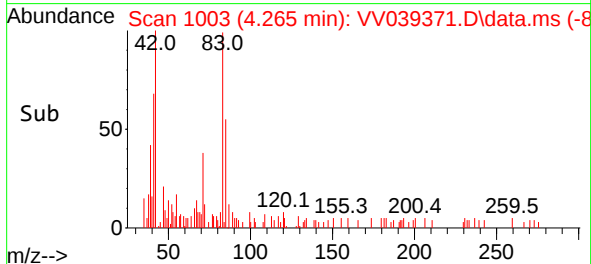
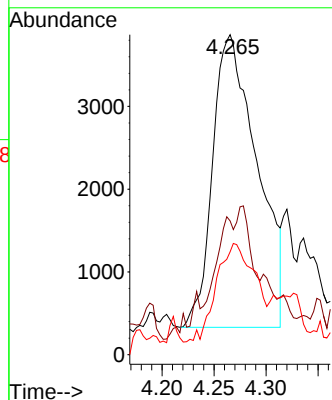
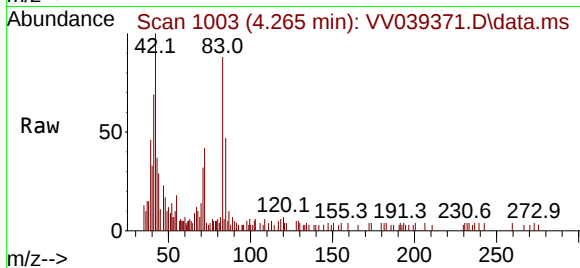
ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 42	Resp: 1053
Ion Ratio	Lower Upper
42	100
72	10.7 35.3 52.9
71	29.1 34.0 51.0

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 1.337 ug/l

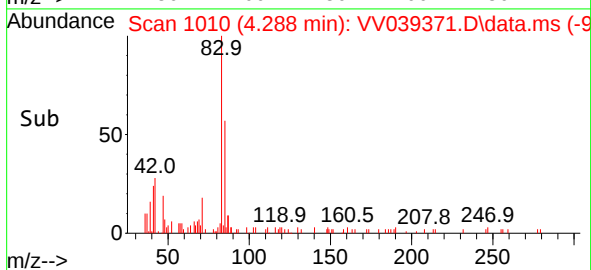
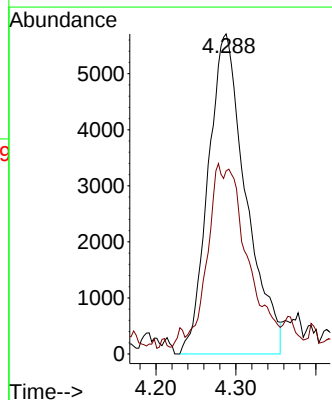
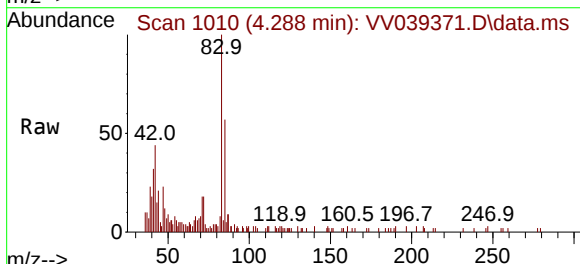
RT: 4.288 min Scan# 1010

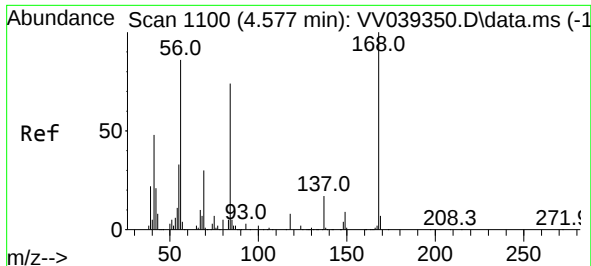
Delta R.T. 0.016 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

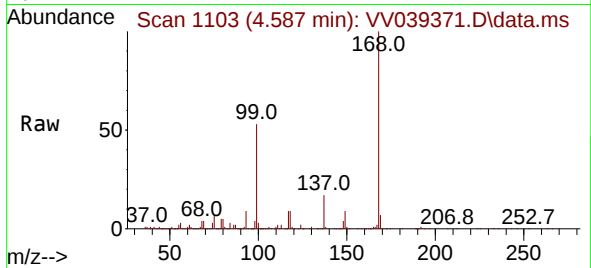
Tgt Ion: 83	Resp: 18720
Ion Ratio	Lower Upper
83	100
85	49.0 51.8 77.8





#31
Cyclohexane
Concen: 2.634 ug/l
RT: 4.587 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

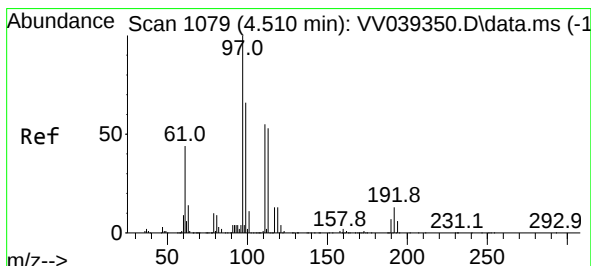
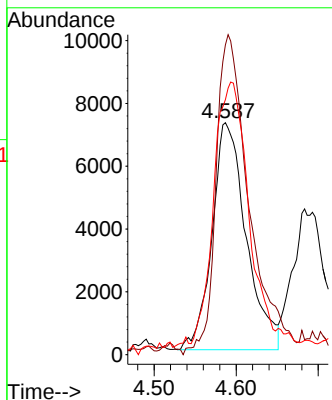
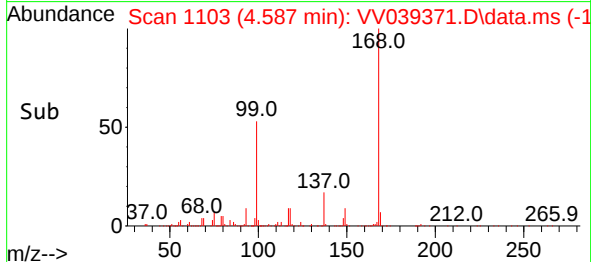
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



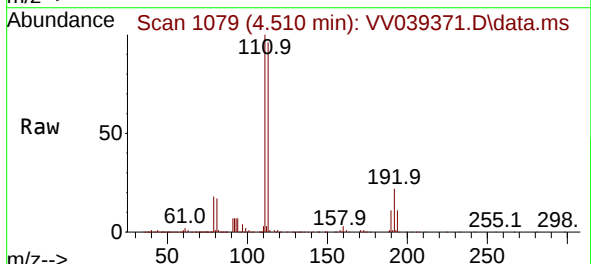
Tgt Ion: 56 Resp: 20900
Ion Ratio Lower Upper
56 100
69 133.9 27.7 41.5#
84 107.8 69.4 104.2#

Manual Integrations
APPROVED

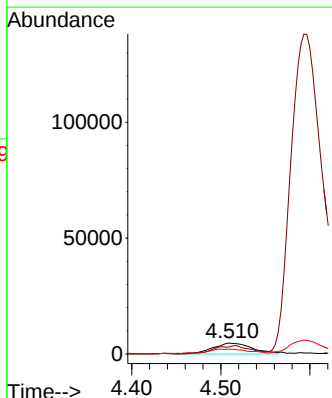
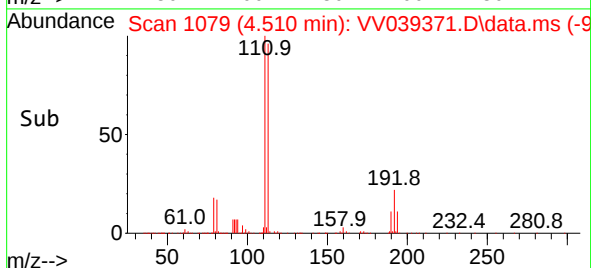
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

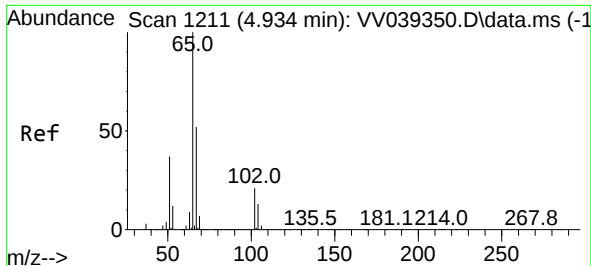


#32
1,1,1-Trichloroethane
Concen: 1.238 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40



Tgt Ion: 97 Resp: 14503
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 13.5 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 54.586 ug/l

RT: 4.934 min Scan# 1211

Delta R.T. 0.000 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 65 Resp: 498260

Ion Ratio Lower Upper

65 100

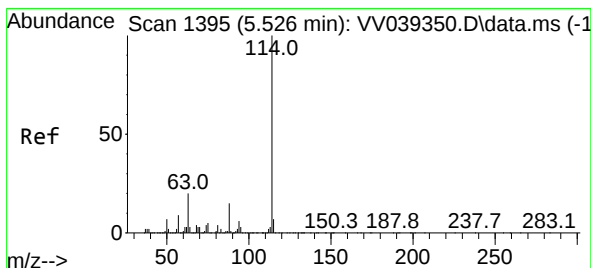
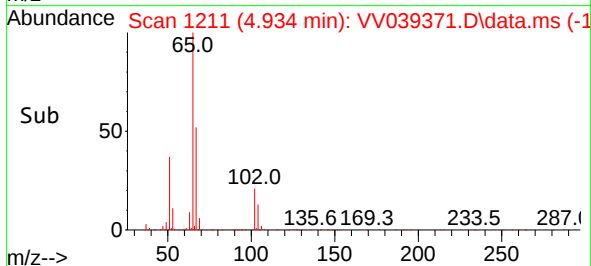
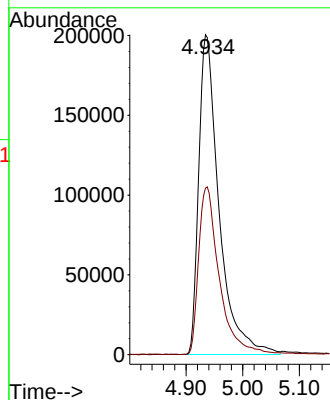
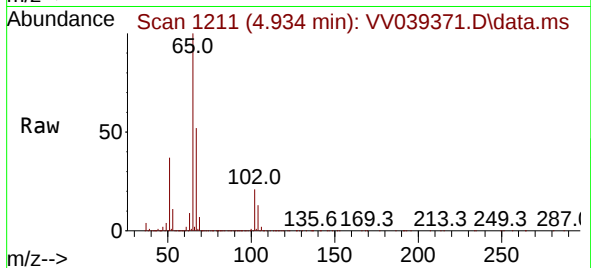
67 53.6 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.526 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

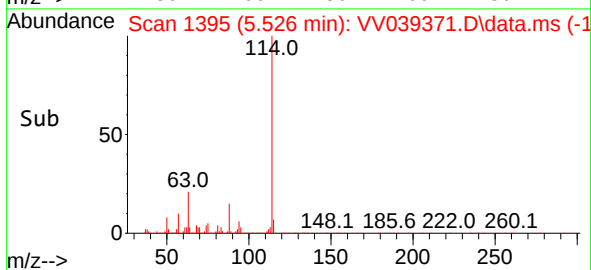
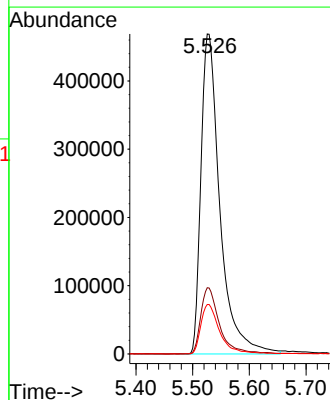
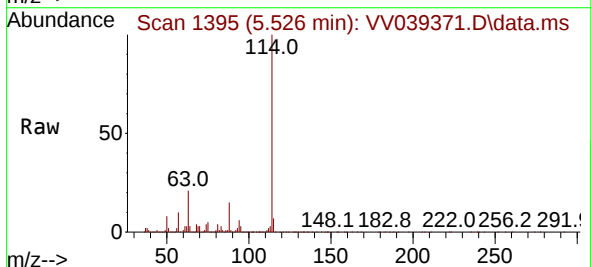
Tgt Ion:114 Resp: 1088986

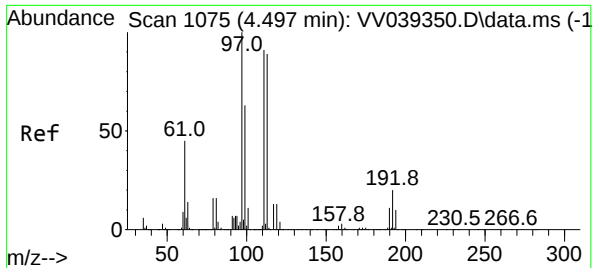
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

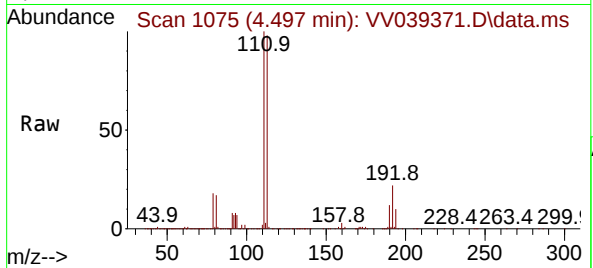
88 15.4 0.0 30.2





#35
Dibromofluoromethane
Concen: 52.524 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

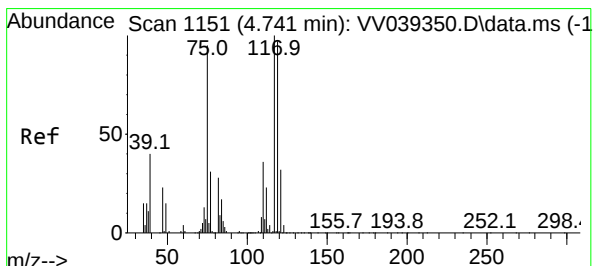
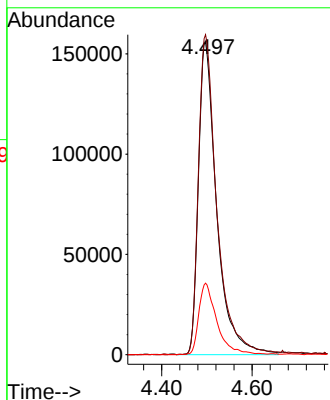
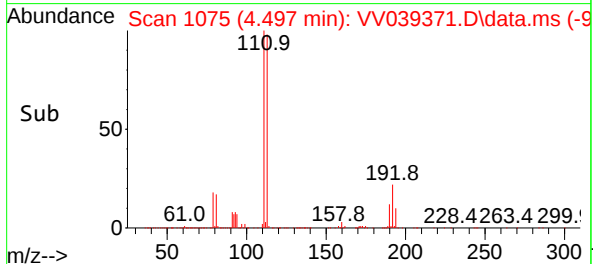
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



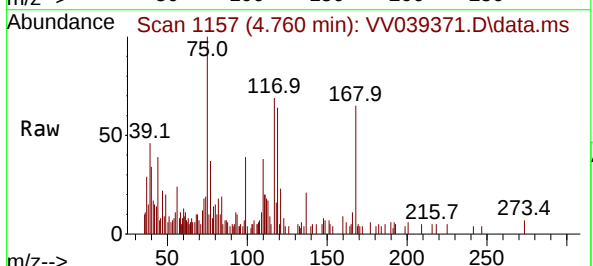
Tgt Ion: 113 Resp: 43870
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 22.1 17.8 26.8

Manual Integrations
APPROVED

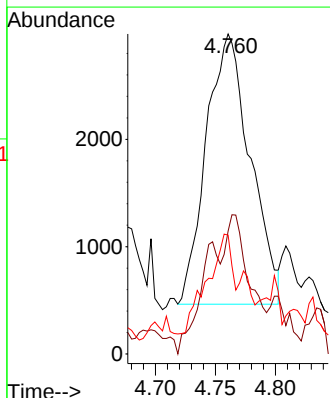
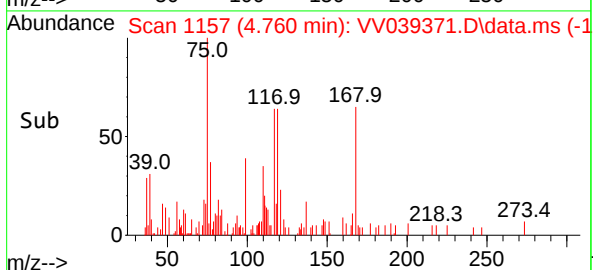
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

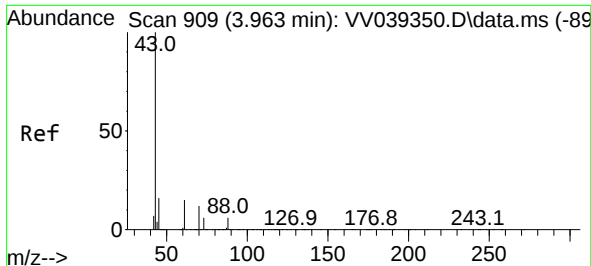


#36
1,1-Dichloropropene
Concen: 0.894 ug/l
RT: 4.760 min Scan# 1157
Delta R.T. 0.019 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40



Tgt Ion: 75 Resp: 6433
Ion Ratio Lower Upper
75 100
110 29.7 18.1 54.4
77 21.2 24.0 36.0





#37

Ethyl Acetate

Concen: 2.389 ug/l m

RT: 3.925 min Scan# 89

Delta R.T. -0.039 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

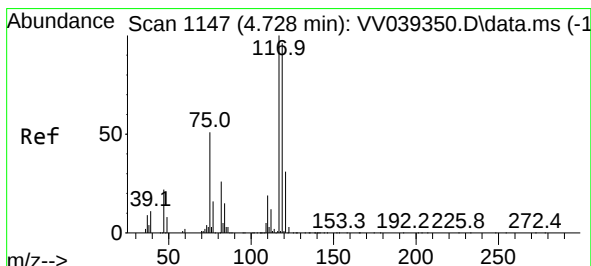
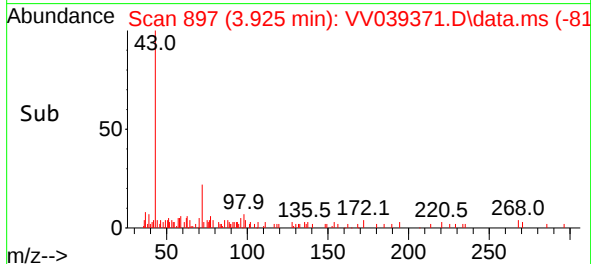
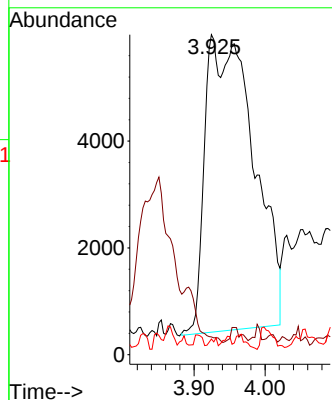
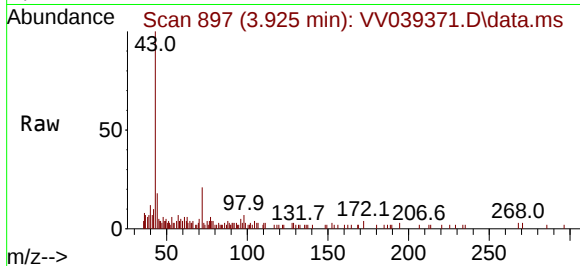
Tgt Ion:	43	Resp:	2639
Ion Ratio	Lower	Upper	
43	100		
61	0.0	9.3	13.9
70	0.3	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#38

Carbon Tetrachloride

Concen: 1.129 ug/l

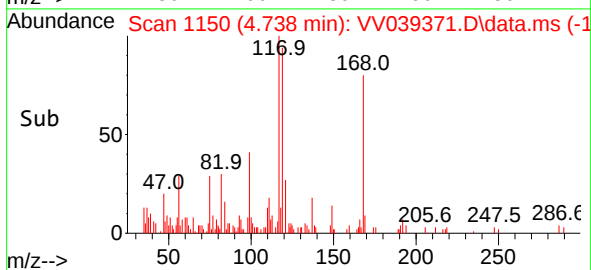
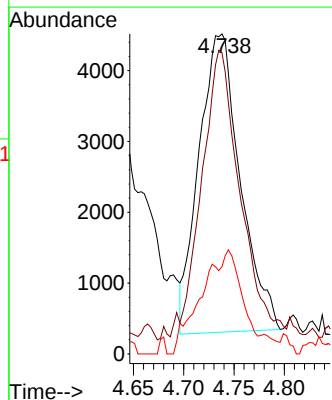
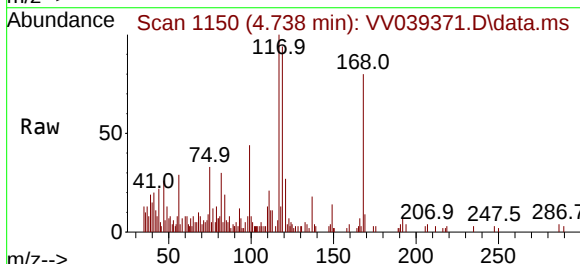
RT: 4.738 min Scan# 1150

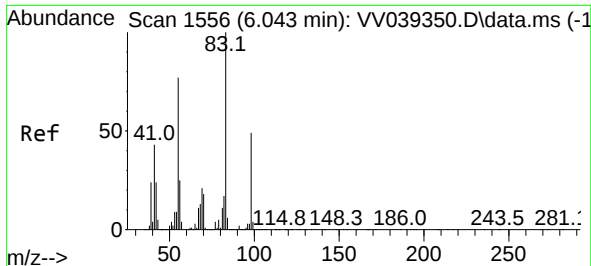
Delta R.T. 0.010 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Tgt Ion:	117	Resp:	12066
Ion Ratio	Lower	Upper	
117	100		
119	91.4	76.1	114.1
121	25.6	25.0	37.4





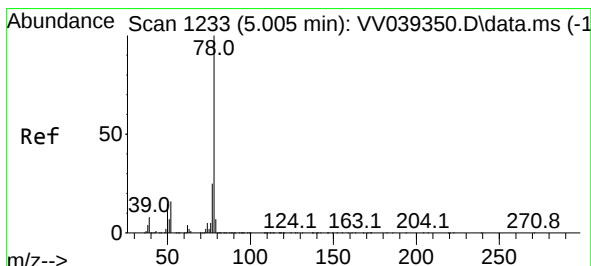
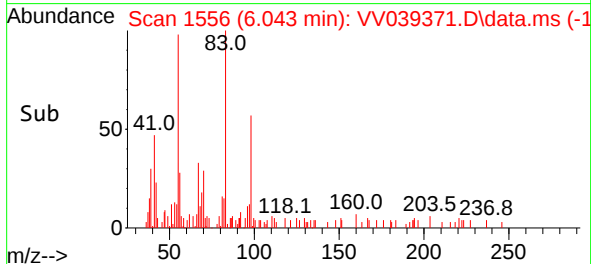
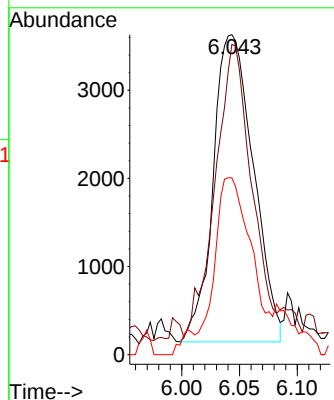
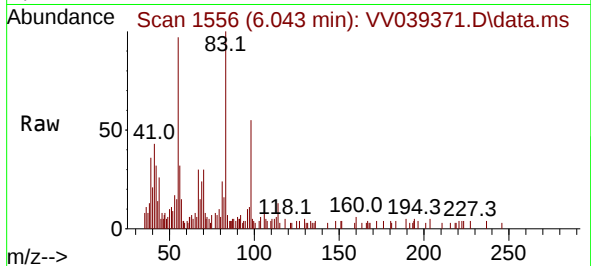
#39
Methylcyclohexane
Concen: 1.102 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 83 Resp: 8440
Ion Ratio Lower Upper
83 100
55 91.2 61.3 91.9
98 54.5 39.0 58.6

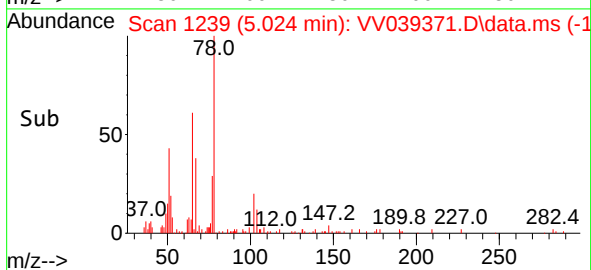
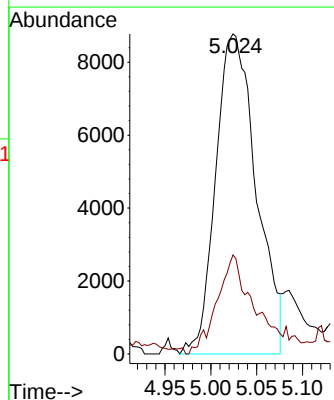
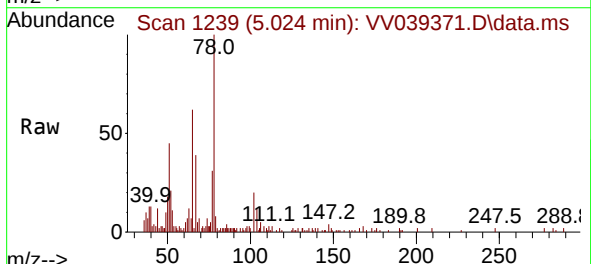
Manual Integrations
APPROVED

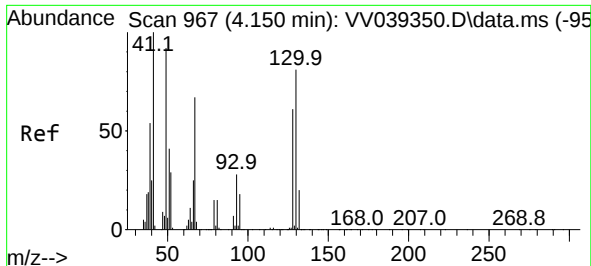
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#40
Benzene
Concen: 1.074 ug/l
RT: 5.024 min Scan# 1239
Delta R.T. 0.019 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 78 Resp: 27018
Ion Ratio Lower Upper
78 100
77 29.3 19.6 29.4





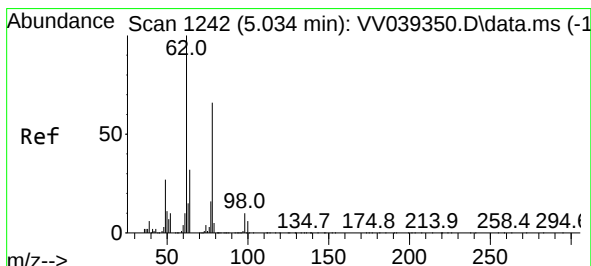
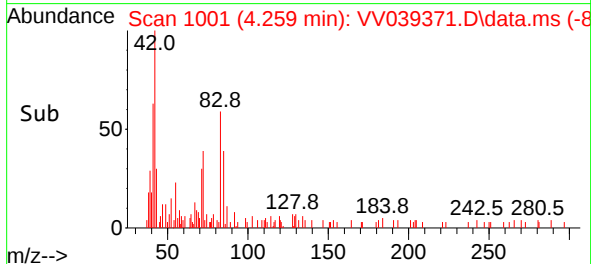
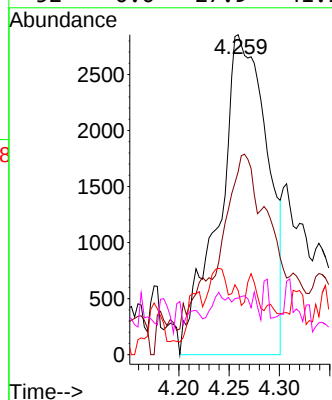
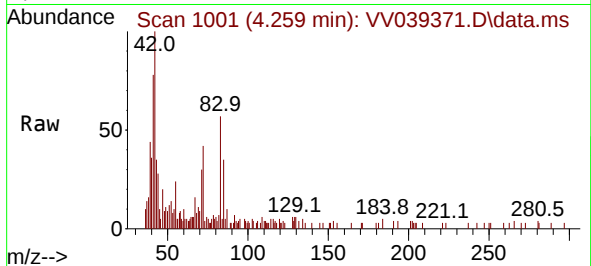
#41
Methacrylonitrile
Concen: 2.415 ug/l
RT: 4.259 min Scan# 1001
Delta R.T. 0.109 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 41 Resp: 9530
Ion Ratio Lower Upper
41 100
39 42.1 44.3 66.5
67 2.6 71.4 107.2
52 0.0 27.9 41.9

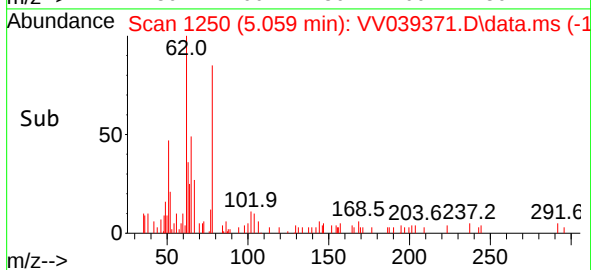
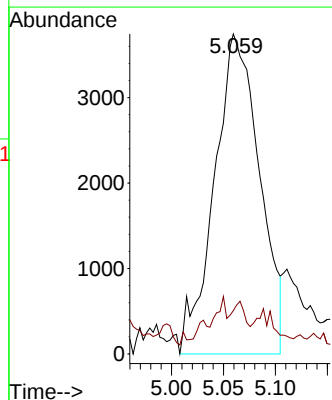
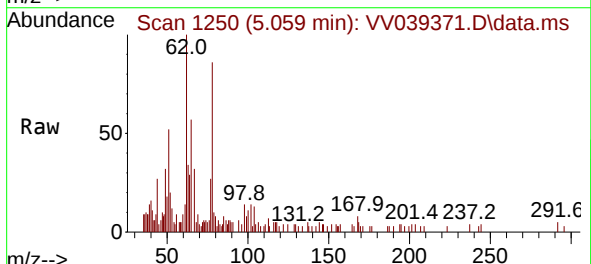
Manual Integrations
APPROVED

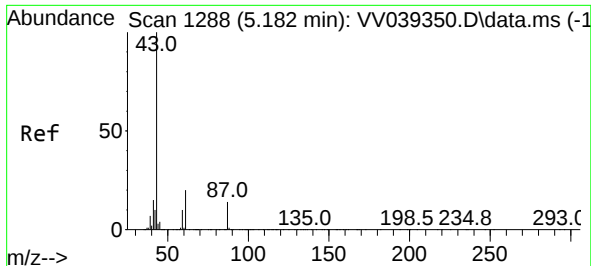
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 1.153 ug/l
RT: 5.059 min Scan# 1250
Delta R.T. 0.026 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 62 Resp: 11301
Ion Ratio Lower Upper
62 100
98 3.6 0.0 18.6





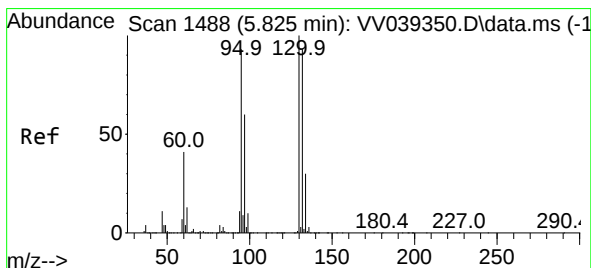
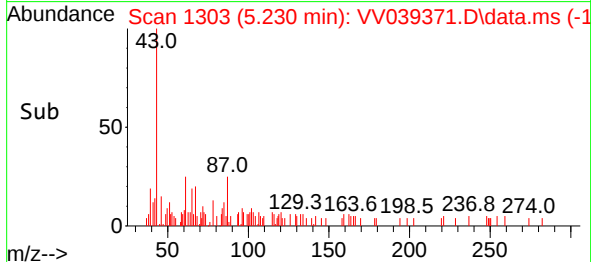
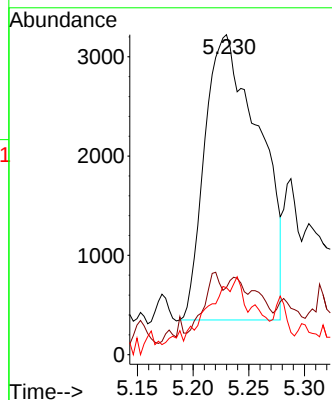
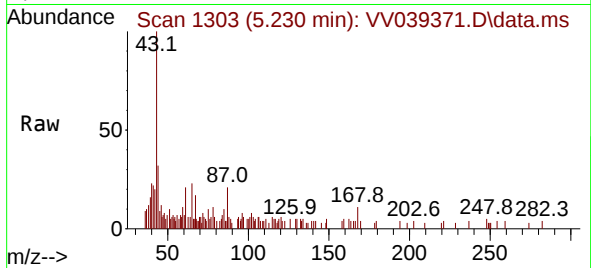
#43
Isopropyl Acetate
Concen: 0.662 ug/l
RT: 5.230 min Scan# 1111
Delta R.T. 0.048 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 9749
Ion Ratio Lower Upper
43 100
61 6.7 15.7 23.5
87 15.3 11.1 16.7

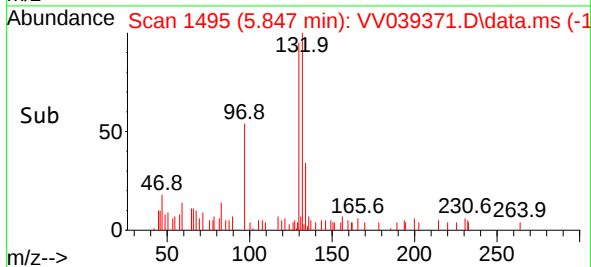
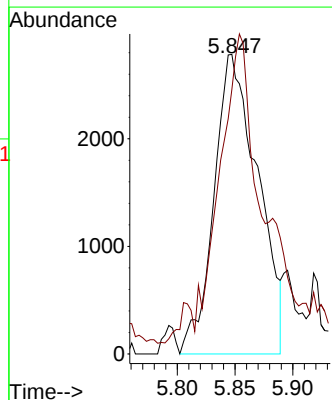
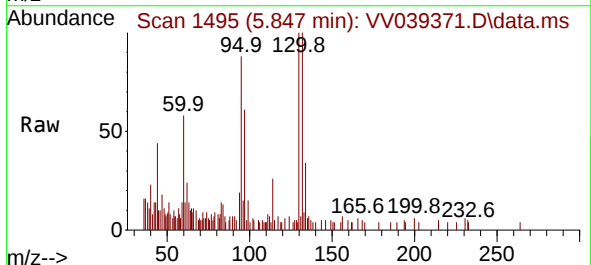
Manual Integrations
APPROVED

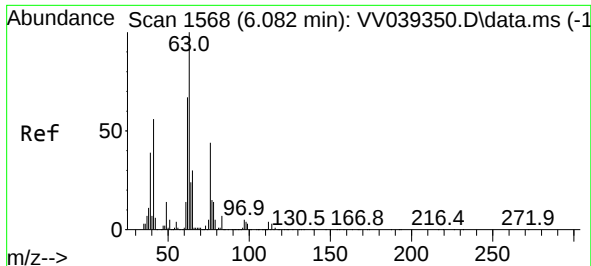
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#44
Trichloroethene
Concen: 1.075 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

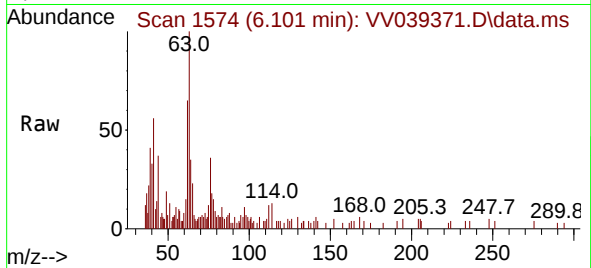
Tgt Ion:130 Resp: 7338
Ion Ratio Lower Upper
130 100
95 80.2 0.0 186.8





#45
1,2-Dichloropropane
Concen: 0.805 ug/l
RT: 6.101 min Scan# 1574
Delta R.T. 0.019 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

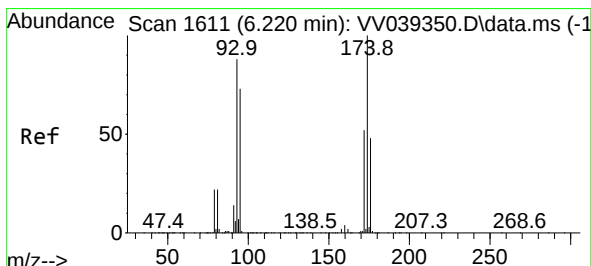
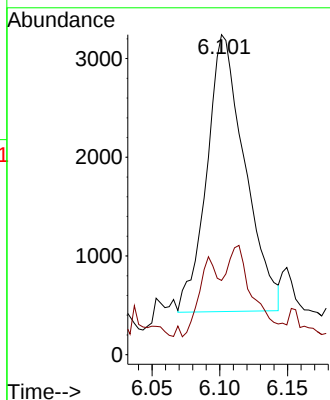
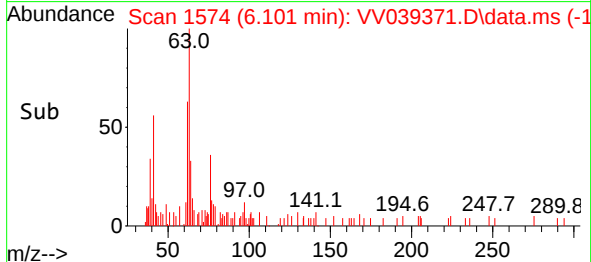
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025



Tgt Ion: 63 Resp: 548
Ion Ratio Lower Upper
63 100
65 16.5 23.9 35.9

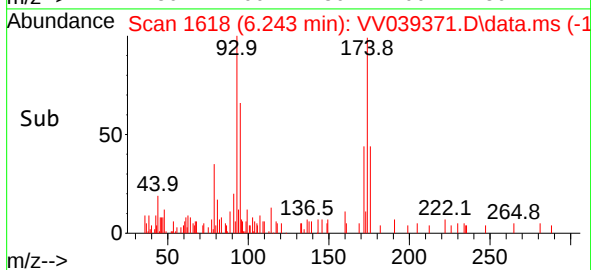
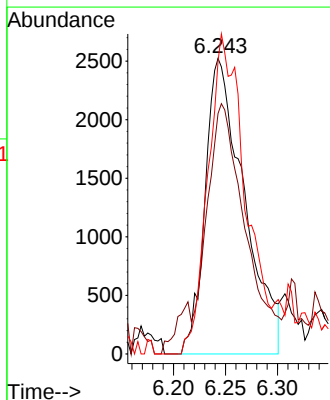
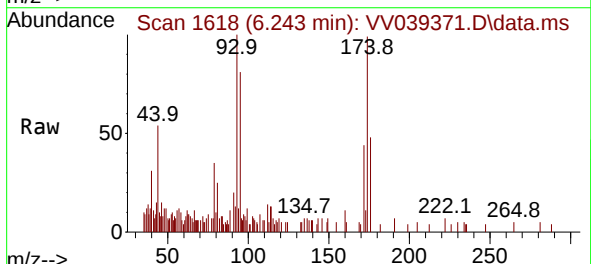
Manual Integrations
APPROVED

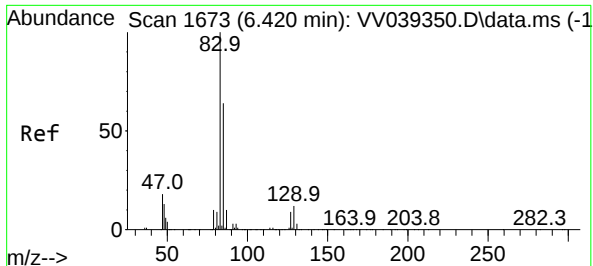
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#46
Dibromomethane
Concen: 1.198 ug/l
RT: 6.243 min Scan# 1618
Delta R.T. 0.023 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 93 Resp: 6556
Ion Ratio Lower Upper
93 100
95 80.1 65.9 98.9
174 103.2 91.4 137.0





#47

Bromodichloromethane

Concen: 1.087 ug/l

RT: 6.439 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

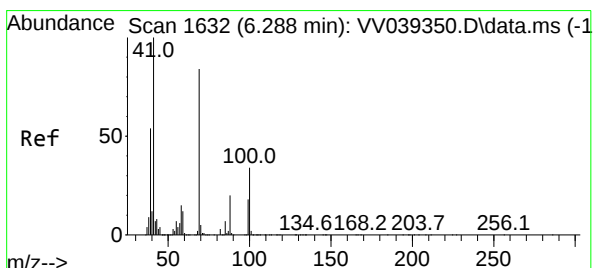
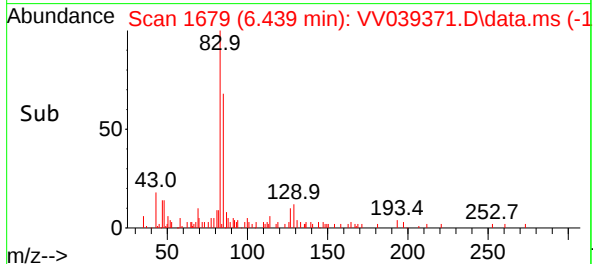
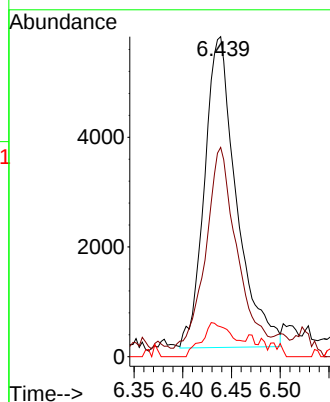
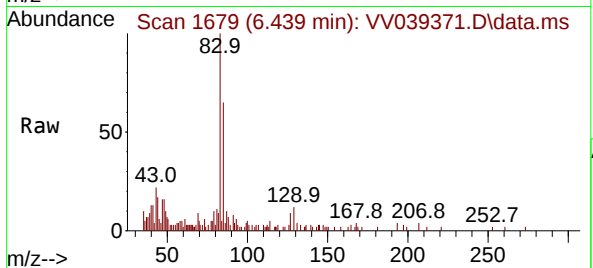
Tgt Ion:	83	Resp:	1288
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.0	76.4
127	10.0	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#48

Methyl methacrylate

Concen: 0.838 ug/l m

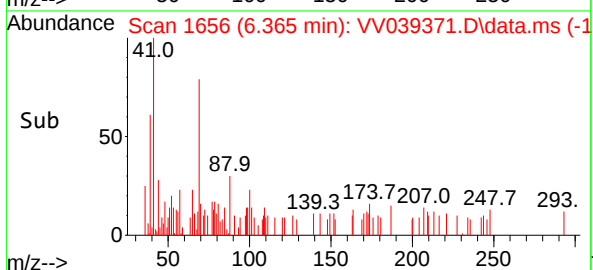
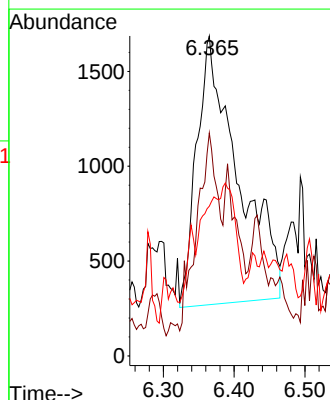
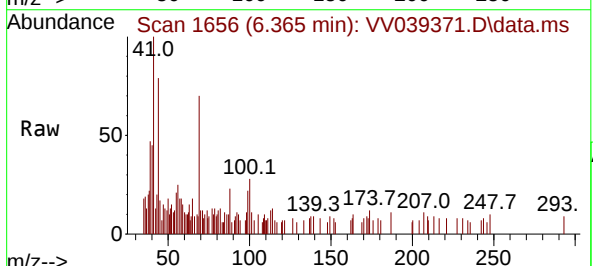
RT: 6.365 min Scan# 1656

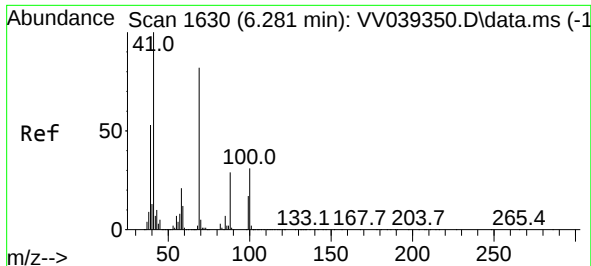
Delta R.T. 0.077 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Tgt Ion:	41	Resp:	5743
Ion Ratio	Lower	Upper	
41	100		
69	0.0	69.1	103.7#
39	5.0	42.8	64.2#





#49

1,4-Dioxane

Concen: 27.250 ug/l m

RT: 6.346 min Scan# 1

Delta R.T. 0.064 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

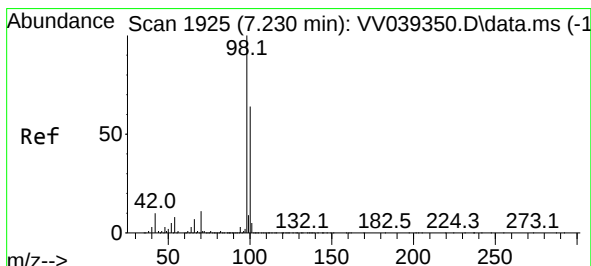
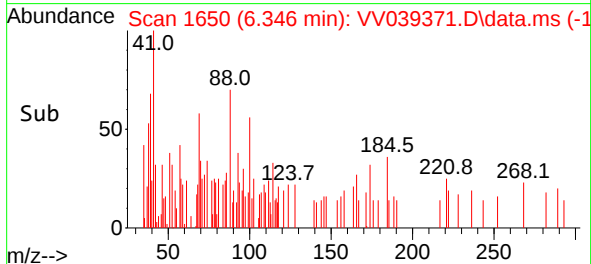
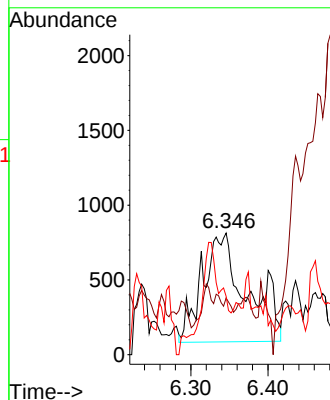
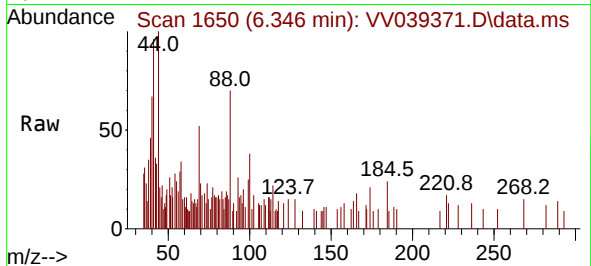
Tgt Ion: 88	Resp: 2878
Ion Ratio	Lower Upper
88 100	
43 4.3	26.6 40.0
58 2.4	55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#50

Toluene-d8

Concen: 46.323 ug/l

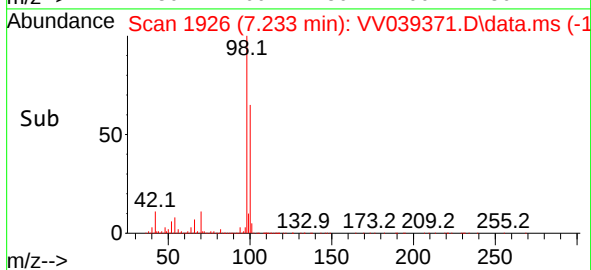
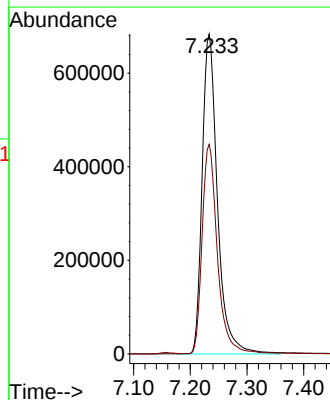
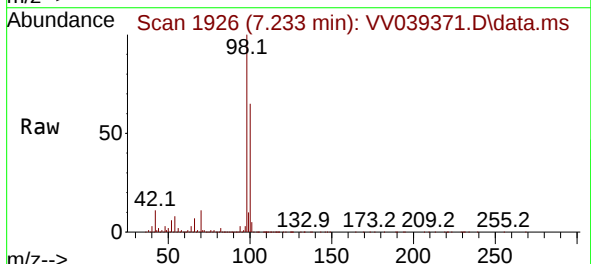
RT: 7.233 min Scan# 1926

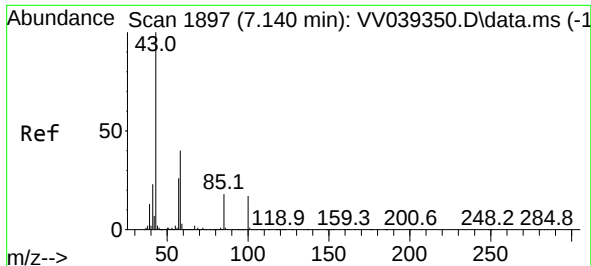
Delta R.T. 0.003 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Tgt Ion: 98	Resp: 1278563
Ion Ratio	Lower Upper
98 100	
100 65.4	52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 4.328 ug/l

RT: 7.156 min Scan# 1902

Delta R.T. 0.016 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 4355

Ion Ratio Lower Upper

43 100

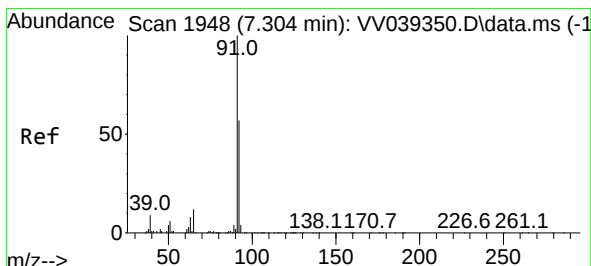
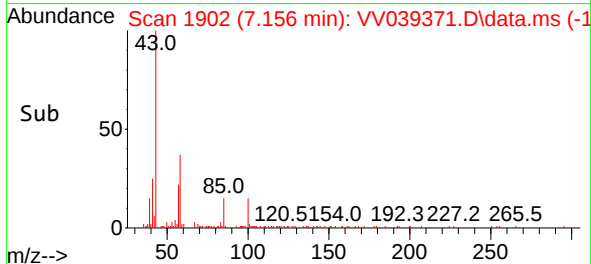
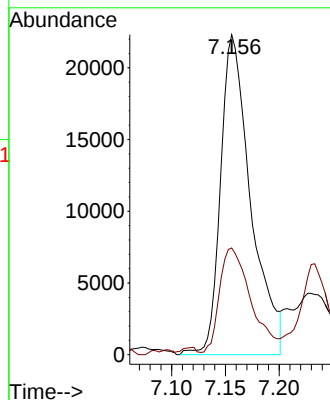
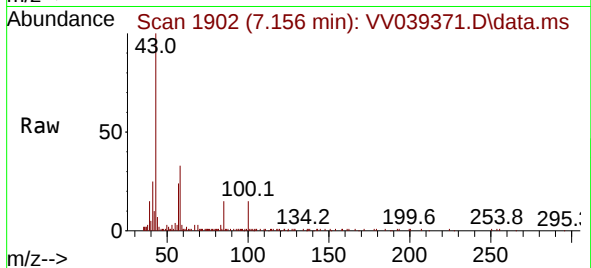
58 33.5 31.8 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#52

Toluene

Concen: 1.061 ug/l

RT: 7.320 min Scan# 1953

Delta R.T. 0.016 min

Lab File: VV039371.D

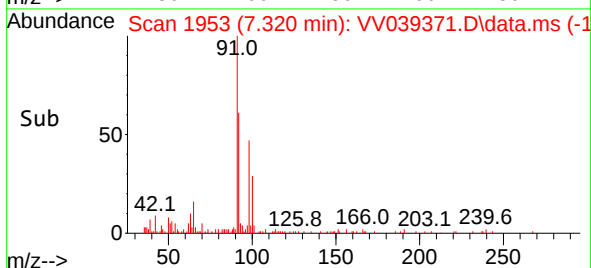
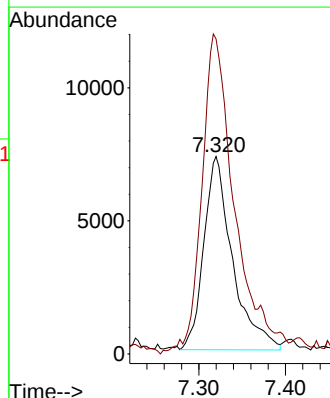
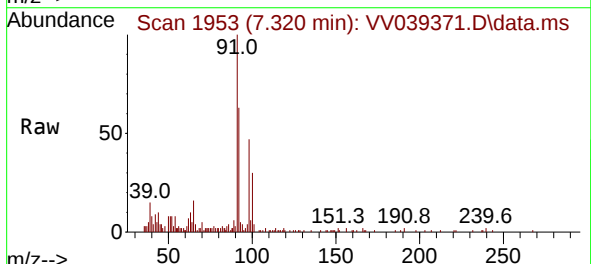
Acq: 12 Nov 2025 13:40

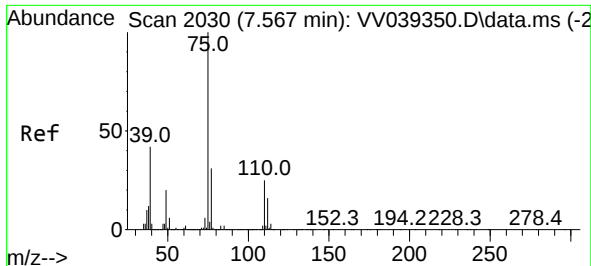
Tgt Ion: 92 Resp: 16725

Ion Ratio Lower Upper

92 100

91 189.9 139.0 208.6





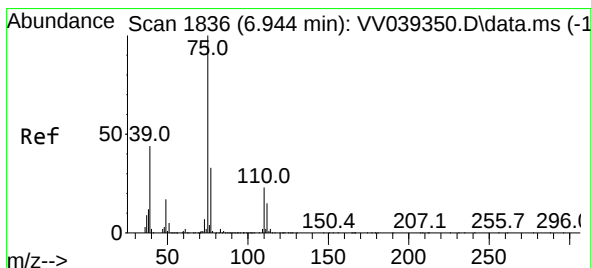
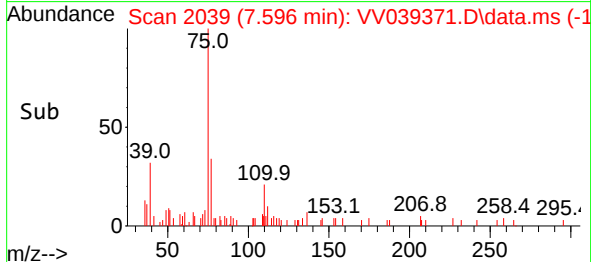
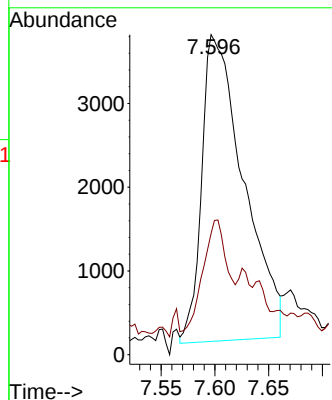
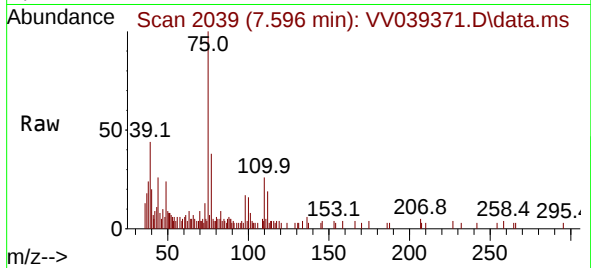
#53
 t-1,3-Dichloropropene
 Concen: 0.972 ug/l
 RT: 7.596 min Scan# 2030
 Delta R.T. 0.029 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 9910
 Ion Ratio Lower Upper
 75 100
 77 27.5 24.5 36.7

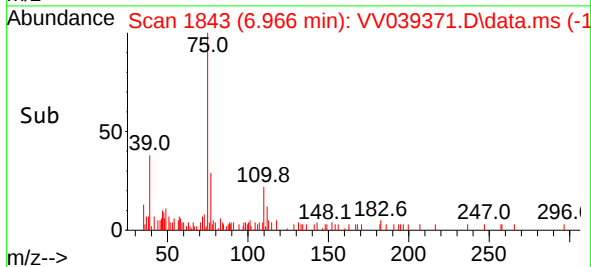
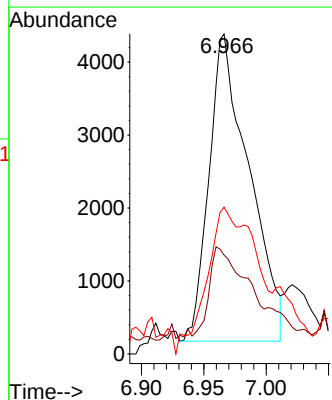
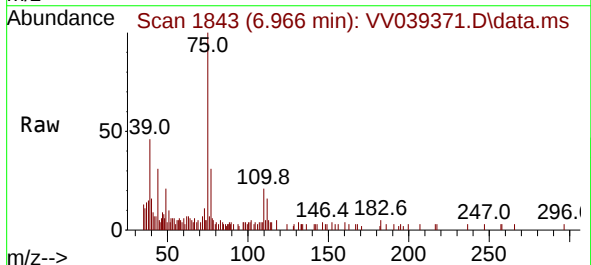
Manual Integrations
 APPROVED

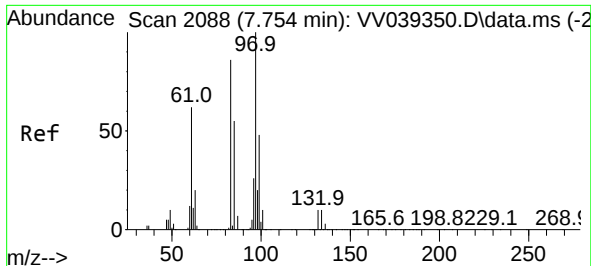
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.869 ug/l
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.023 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

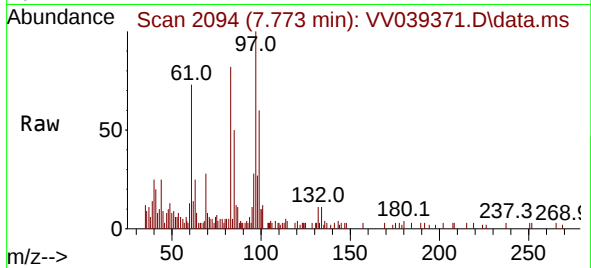
Tgt Ion: 75 Resp: 9406
 Ion Ratio Lower Upper
 75 100
 77 26.2 26.3 39.5#
 39 41.3 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 1.166 ug/l
RT: 7.773 min Scan# 2084
Delta R.T. 0.019 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

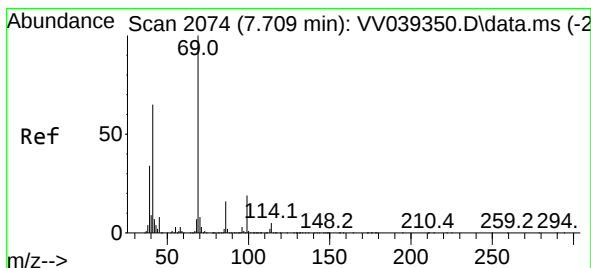
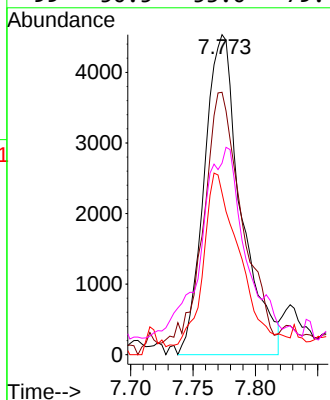
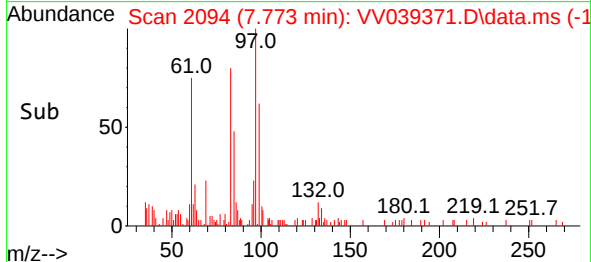
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.6	68.8	103.2
85	47.2	45.2	67.8
99	50.5	53.0	79.4

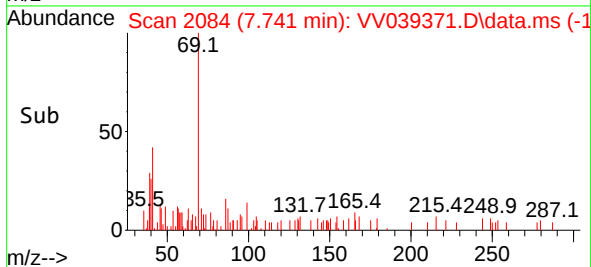
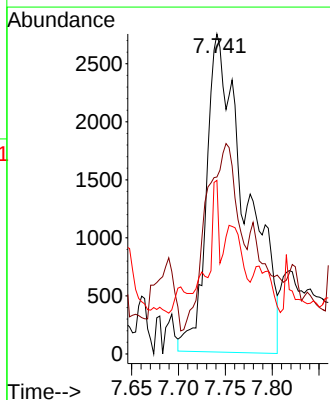
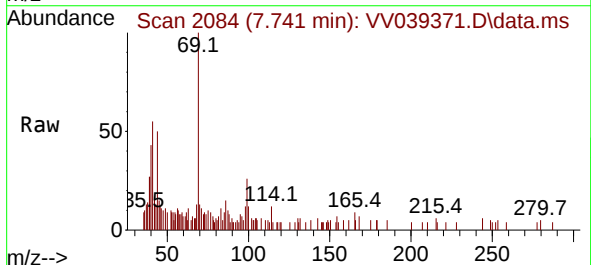
Manual Integrations
APPROVED

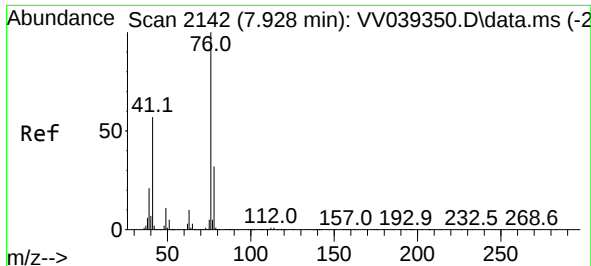
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#56
Ethyl methacrylate
Concen: 0.831 ug/l m
RT: 7.741 min Scan# 2084
Delta R.T. 0.032 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	10.4	52.5	78.7
39	2.3	26.7	40.1





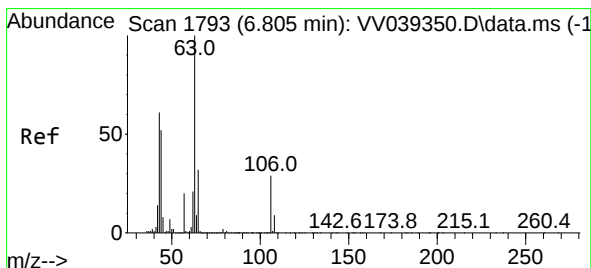
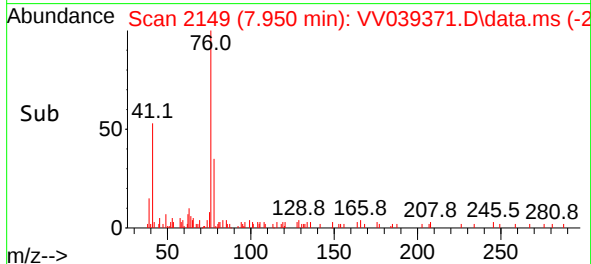
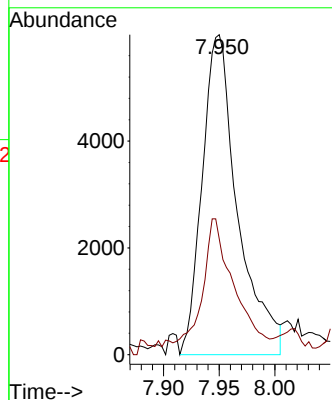
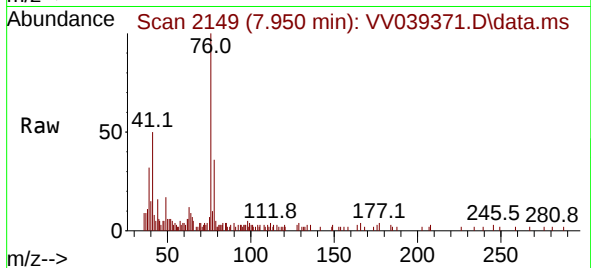
#57
1,3-Dichloropropane
Concen: 1.083 ug/l
RT: 7.950 min Scan# 2142
Delta R.T. 0.023 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 76 Resp: 13290
Ion Ratio Lower Upper
76 100
78 31.1 25.6 38.4

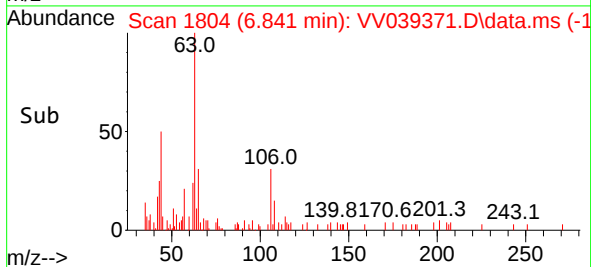
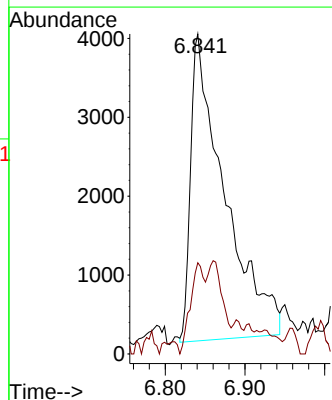
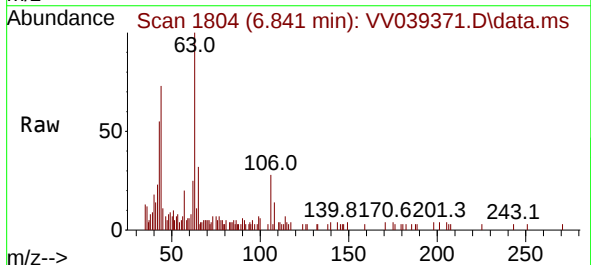
Manual Integrations
APPROVED

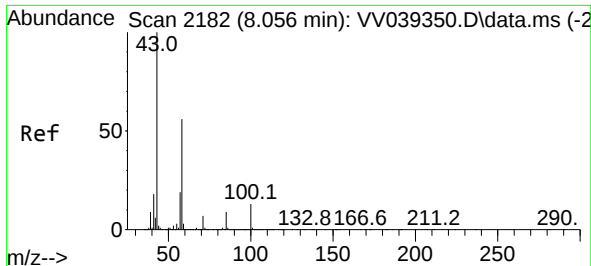
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 4.178 ug/l m
RT: 6.841 min Scan# 1804
Delta R.T. 0.035 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

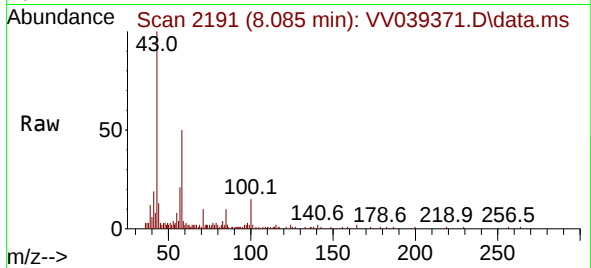
Tgt Ion: 63 Resp: 11451
Ion Ratio Lower Upper
63 100
106 1.8 23.3 34.9#





#59
2-Hexanone
Concen: 4.784 ug/l
RT: 8.085 min Scan# 2182
Delta R.T. 0.029 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

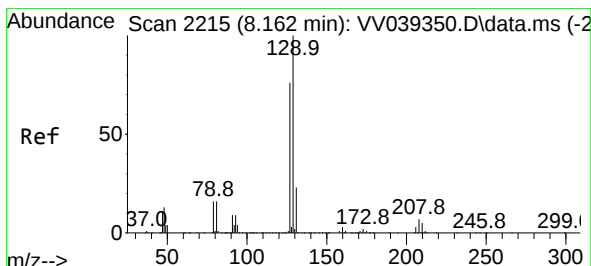
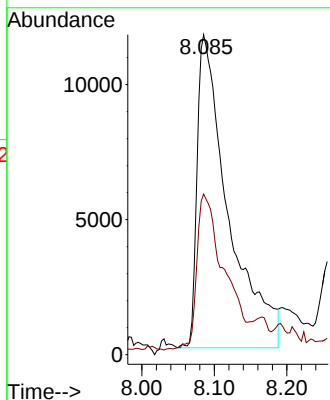
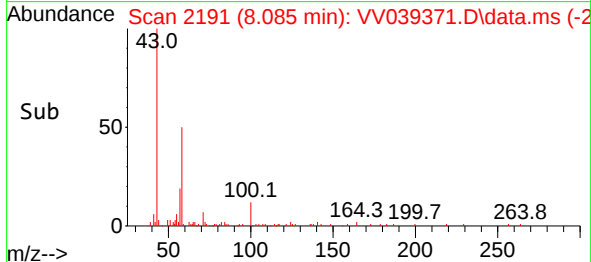
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 43 Resp: 3440
Ion Ratio Lower Upper
43 100
58 43.1 27.7 83.1

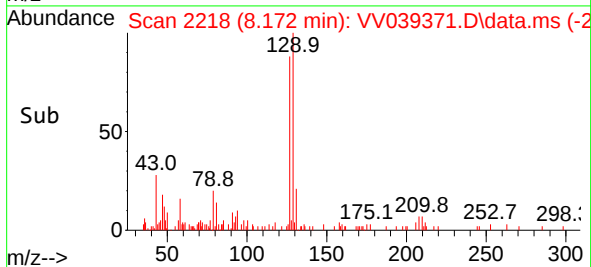
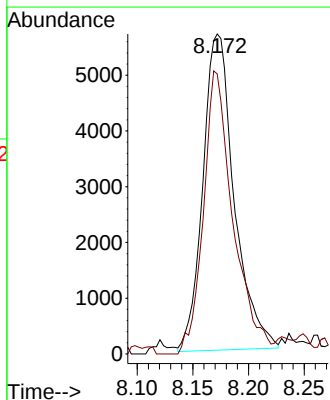
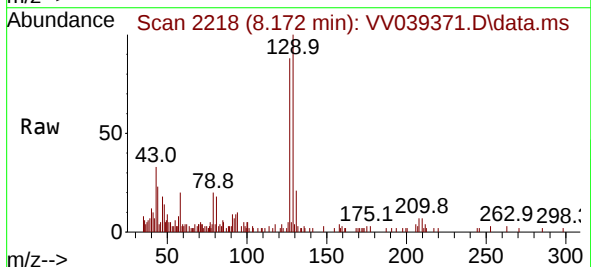
Manual Integrations
APPROVED

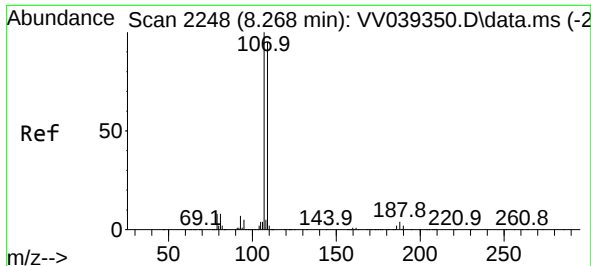
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#60
Dibromochloromethane
Concen: 1.088 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion:129 Resp: 11129
Ion Ratio Lower Upper
129 100
127 84.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 1.190 ug/l

RT: 8.284 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:107 Resp: 926

Ion Ratio Lower Upper

107 100

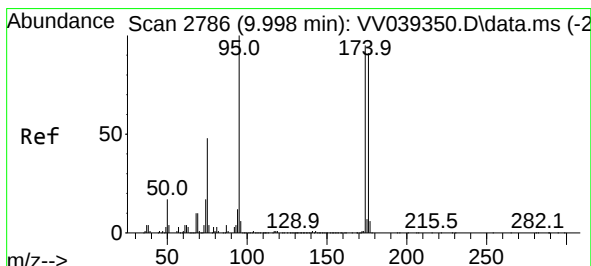
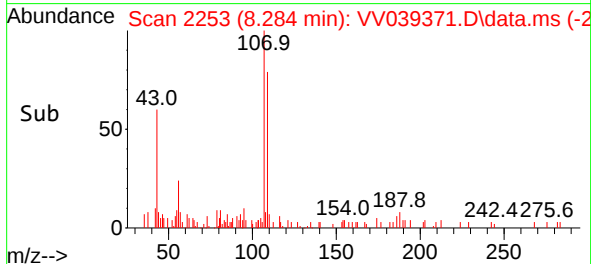
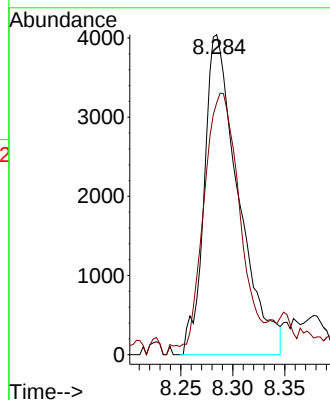
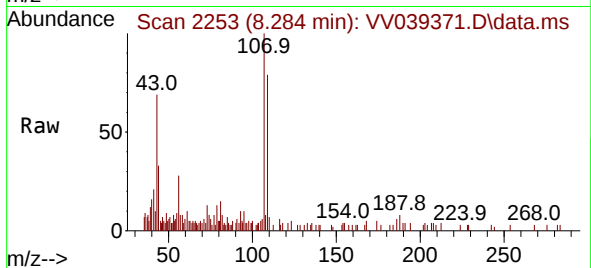
109 81.2 75.8 113.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#62

4-Bromofluorobenzene

Concen: 44.465 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

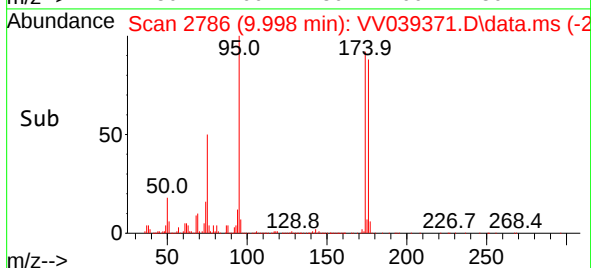
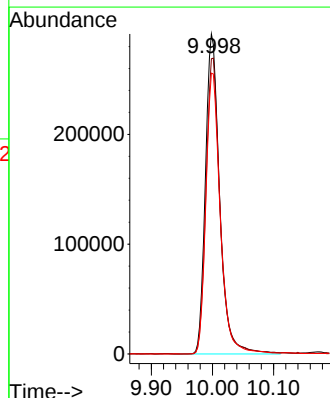
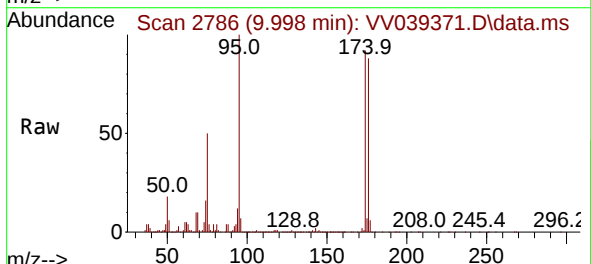
Tgt Ion: 95 Resp: 471582

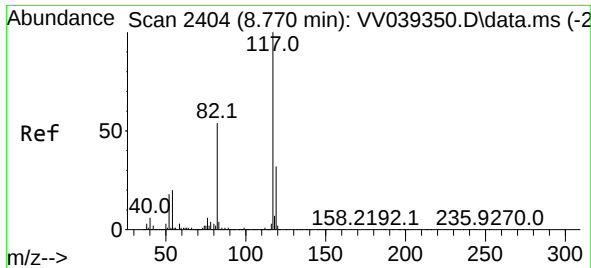
Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

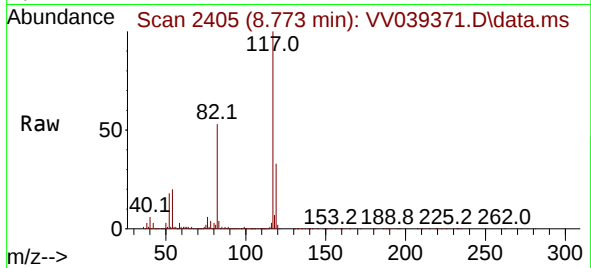
176 88.7 0.0 180.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

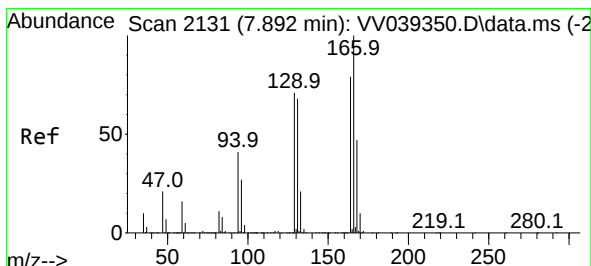
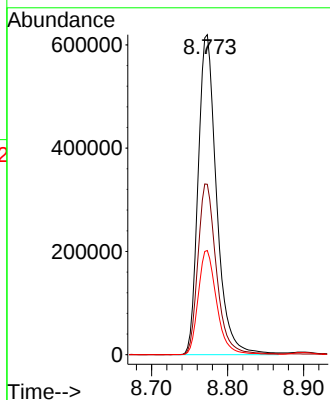
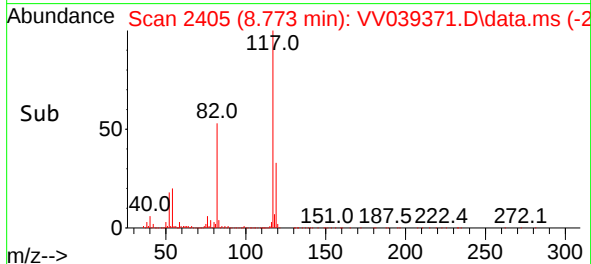
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:117 Resp: 104480
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.5 25.5 38.3

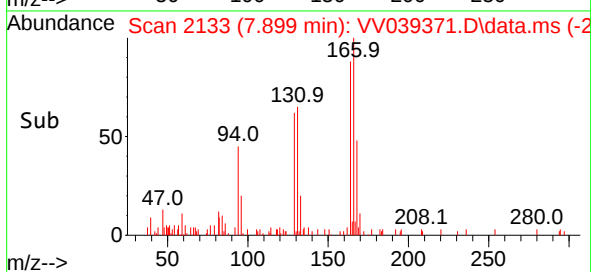
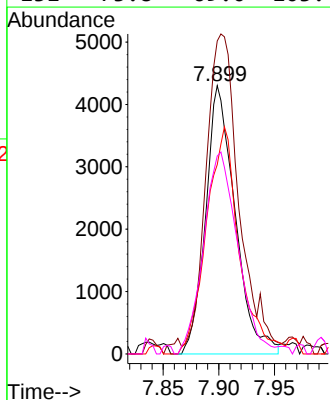
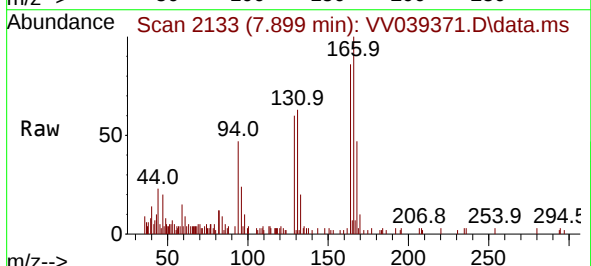
Manual Integrations
APPROVED

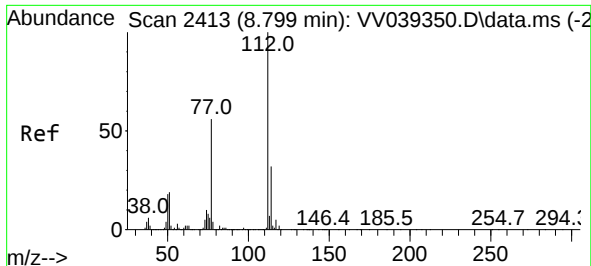
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 1.227 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion:164 Resp: 7923
Ion Ratio Lower Upper
164 100
166 112.4 101.9 152.9
129 70.6 71.8 107.8#
131 73.8 69.0 103.4





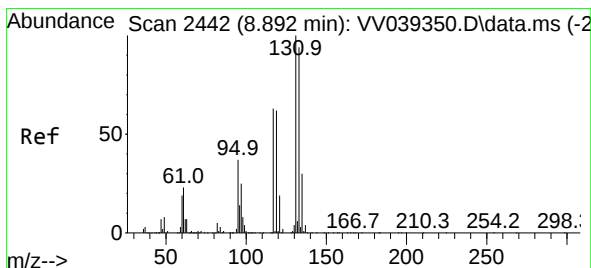
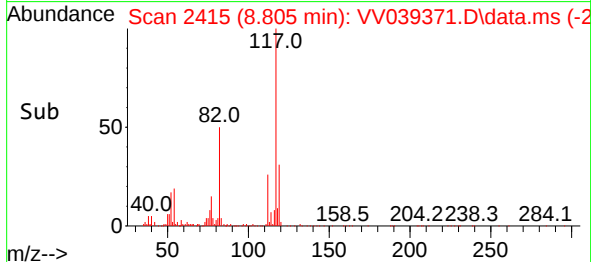
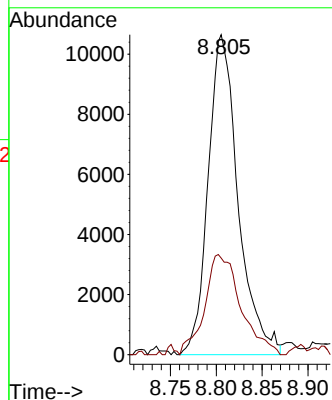
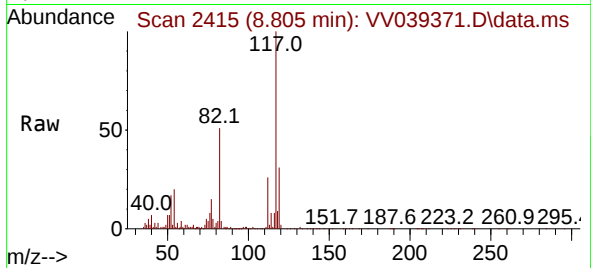
#65
Chlorobenzene
Concen: 1.164 ug/l
RT: 8.805 min Scan# 2413
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:112 Resp: 2421
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

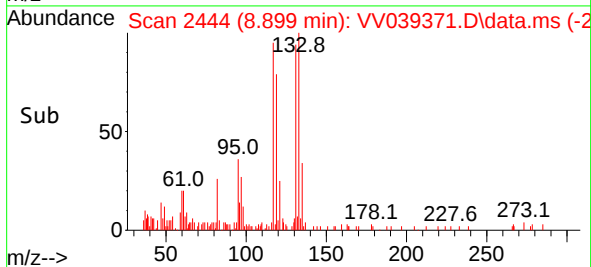
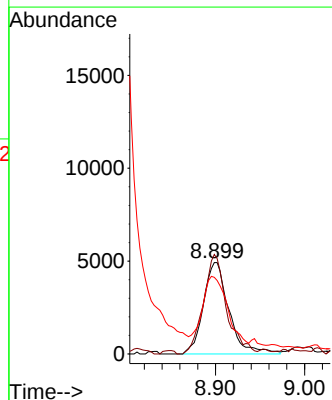
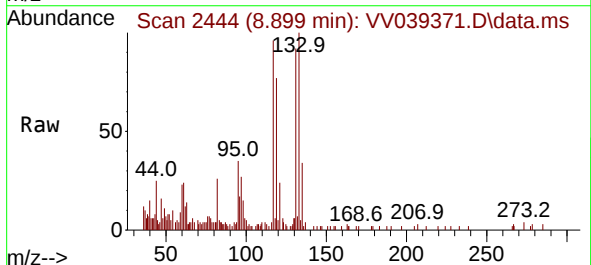
Manual Integrations
APPROVED

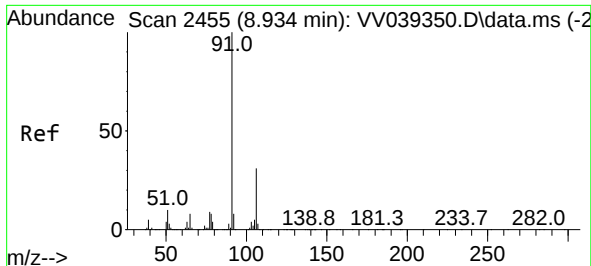
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 1.129 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion:131 Resp: 9800
Ion Ratio Lower Upper
131 100
133 98.7 47.9 143.8
119 0.0 31.6 94.8#





#67

Ethyl Benzene

Concen: 1.012 ug/l

RT: 8.944 min Scan# 2455

Delta R.T. 0.010 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 30439

Ion Ratio Lower Upper

91 100

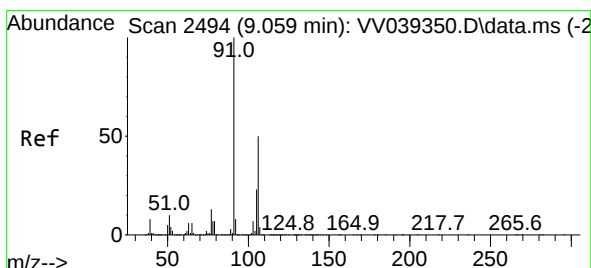
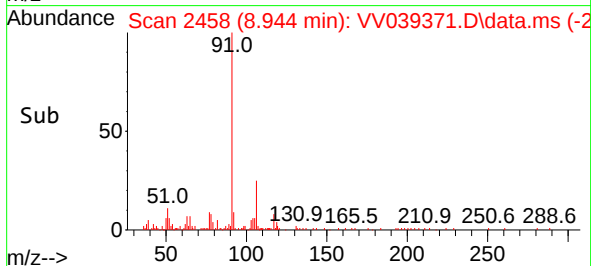
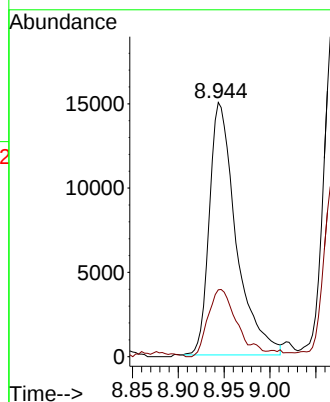
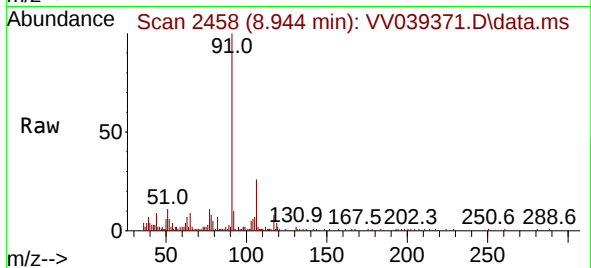
106 25.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#68

m/p-Xylenes

Concen: 1.799 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.010 min

Lab File: VV039371.D

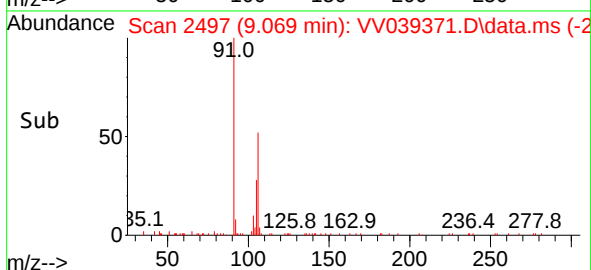
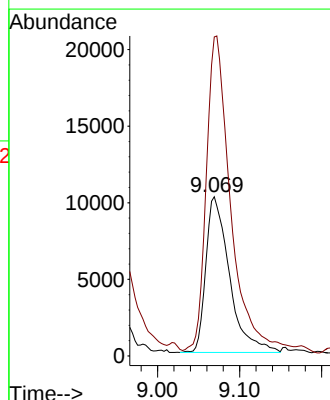
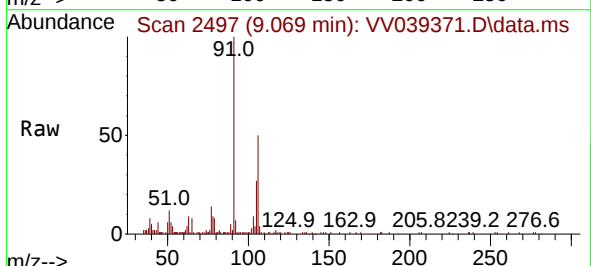
Acq: 12 Nov 2025 13:40

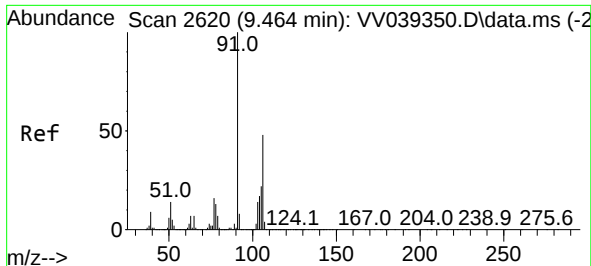
Tgt Ion:106 Resp: 20434

Ion Ratio Lower Upper

106 100

91 205.9 161.5 242.3





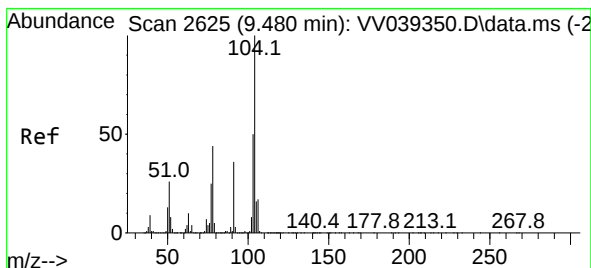
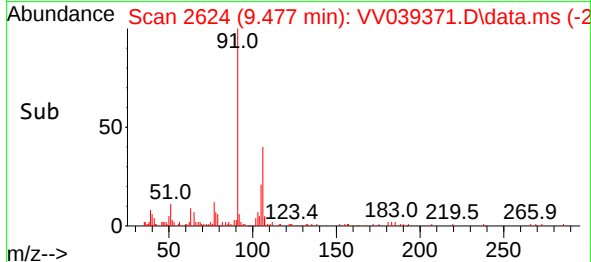
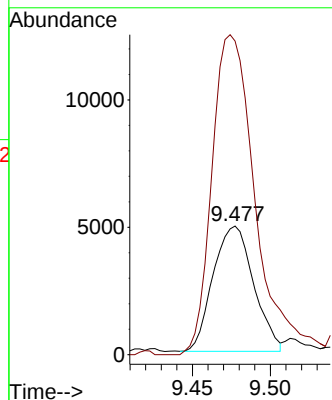
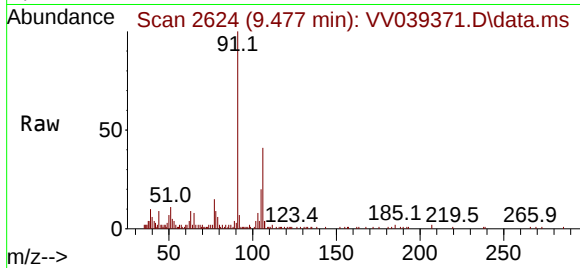
#69
o-Xylene
Concen: 0.827 ug/l
RT: 9.477 min Scan# 20
Delta R.T. 0.013 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:106 Resp: 889
Ion Ratio Lower Upper
106 100
91 274.6 105.9 317.7

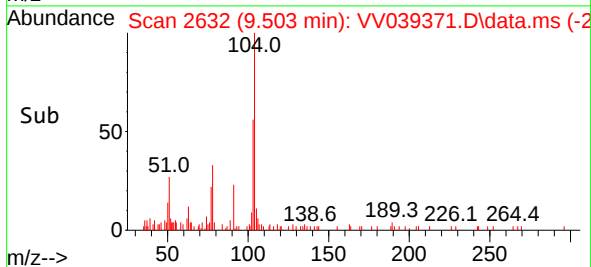
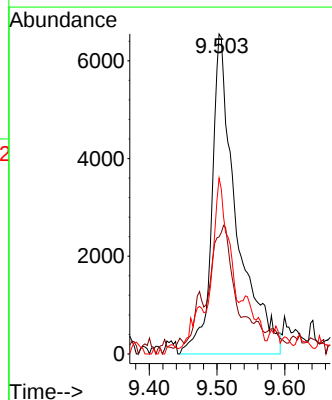
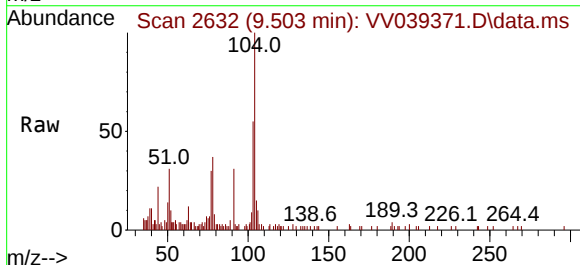
Manual Integrations
APPROVED

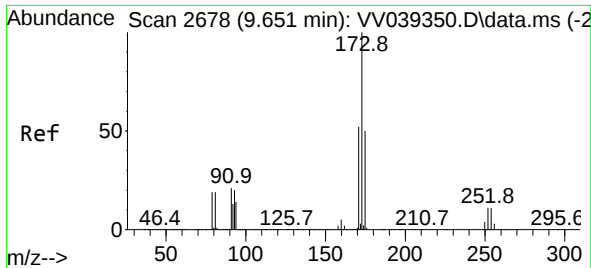
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 0.860 ug/l
RT: 9.503 min Scan# 2632
Delta R.T. 0.023 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

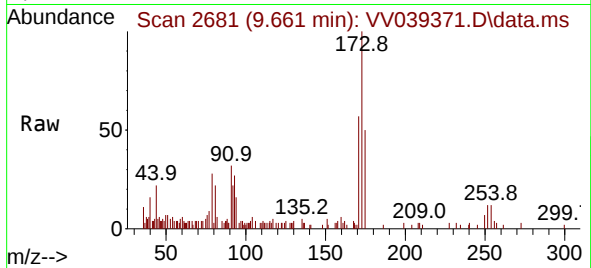
Tgt Ion:104 Resp: 16535
Ion Ratio Lower Upper
104 100
78 24.6 39.0 58.4#
103 25.6 43.4 65.2#





#71
Bromoform
Concen: 1.209 ug/l
RT: 9.661 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

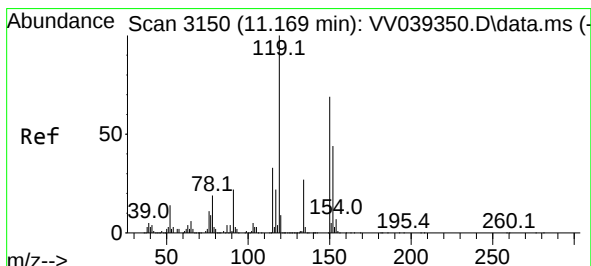
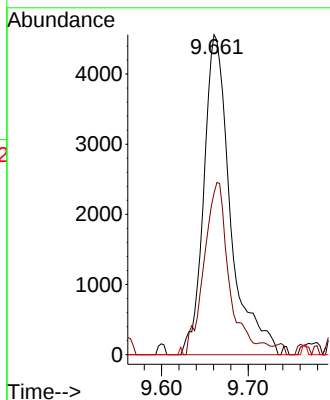
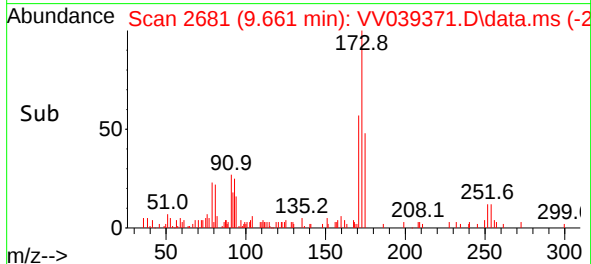
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



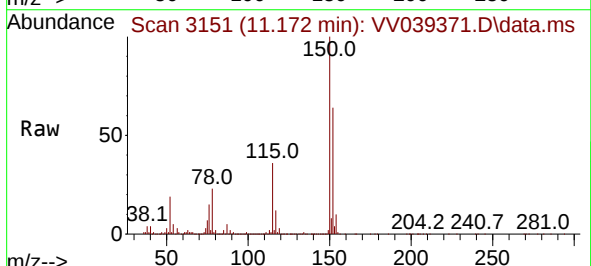
Tgt Ion:173 Resp: 974
Ion Ratio Lower Upper
173 100
175 49.8 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

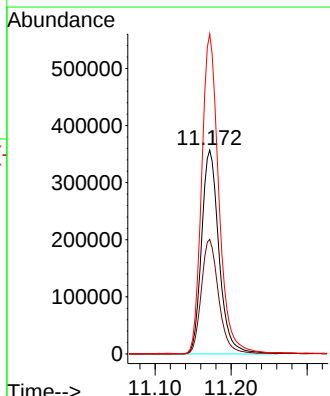
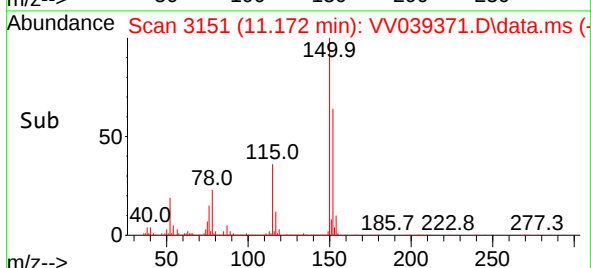
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

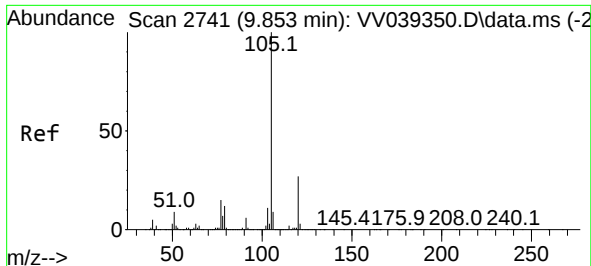


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40



Tgt Ion:152 Resp: 567389
Ion Ratio Lower Upper
152 100
115 56.0 37.3 111.9
150 154.2 0.0 340.4





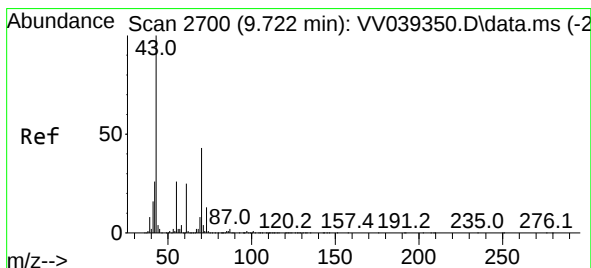
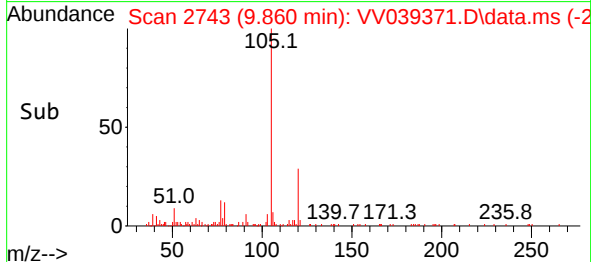
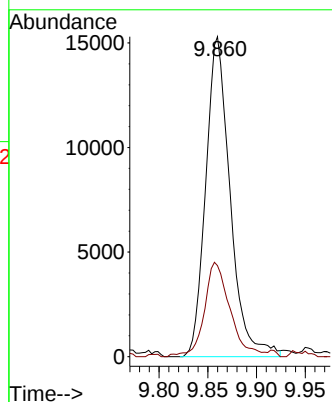
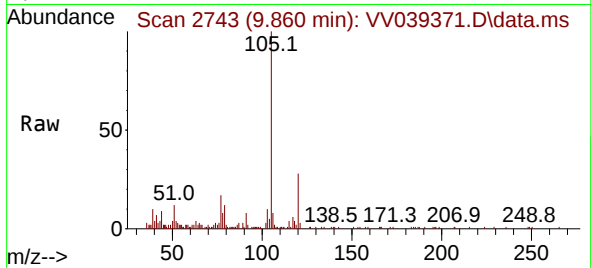
#73
Isopropylbenzene
Concen: 0.962 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 105 Resp: 2665
Ion Ratio Lower Upper
105 100
120 31.0 13.4 40.1

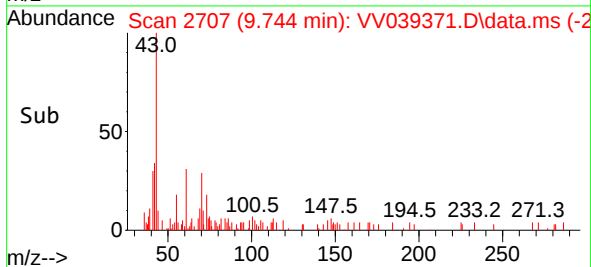
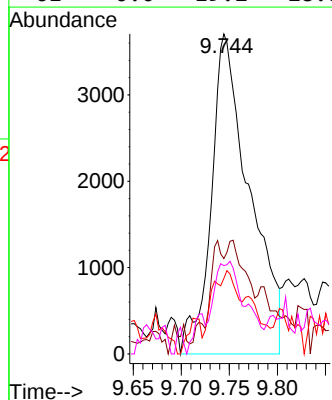
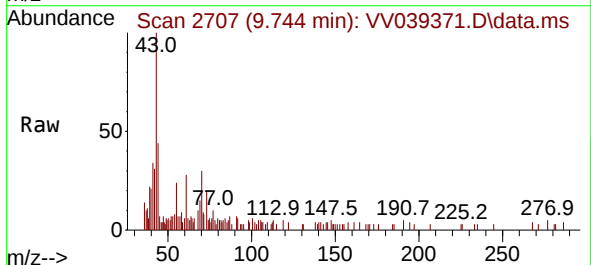
Manual Integrations
APPROVED

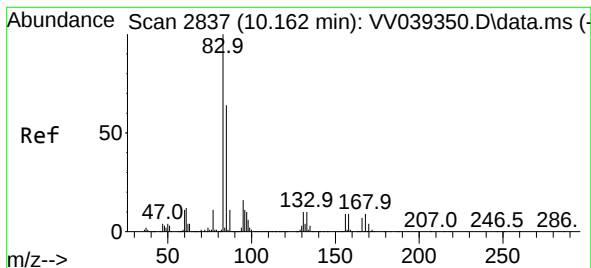
Reviewed By : John Carlone 11/14/2025
Supervised By : Mahesh Dadoda 11/14/2025



#74
N-ethyl acetate
Concen: 0.946 ug/l m
RT: 9.744 min Scan# 2707
Delta R.T. 0.023 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 43 Resp: 10270
Ion Ratio Lower Upper
43 100
70 0.0 34.6 51.8#
55 3.7 21.0 31.6#
61 0.0 19.2 28.8#





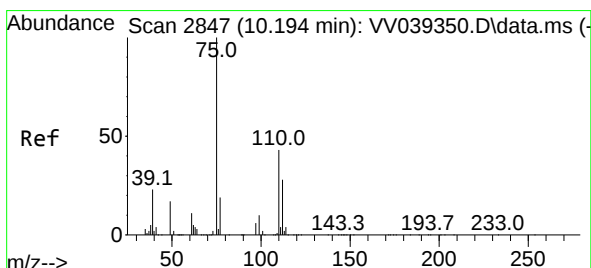
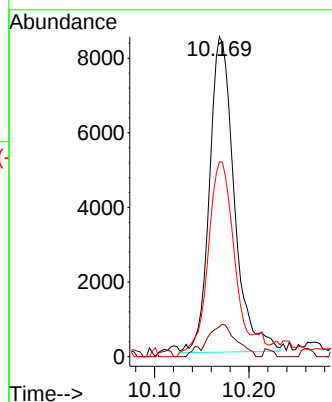
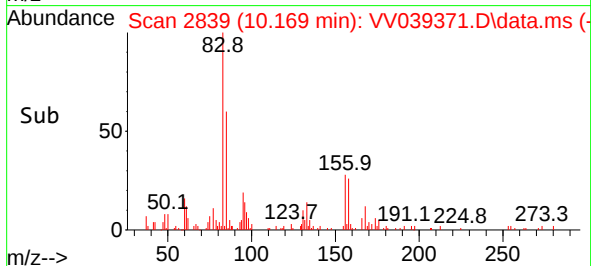
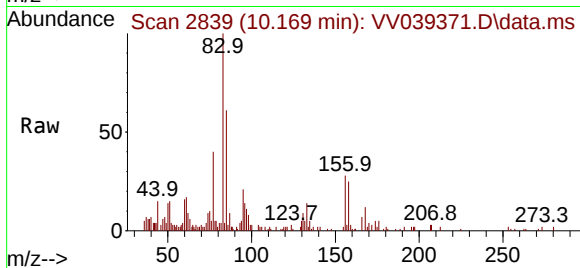
#75
1,1,2,2-Tetrachloroethane
Concen: 1.276 ug/l
RT: 10.169 min Scan# 2837
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 83 Resp: 15392
Ion Ratio Lower Upper
83 100
131 12.2 5.4 16.2
85 65.2 32.0 96.2

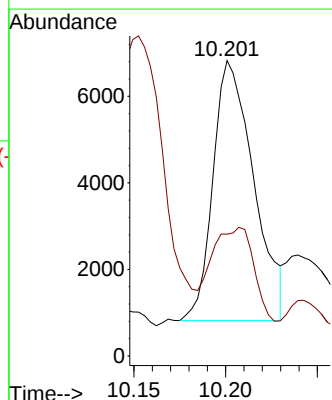
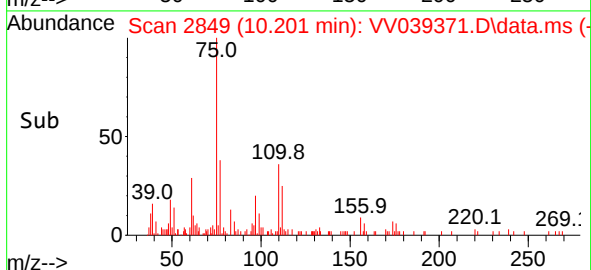
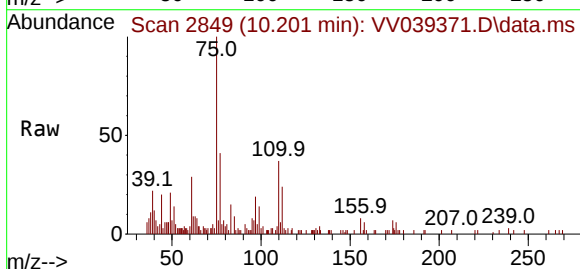
Manual Integrations
APPROVED

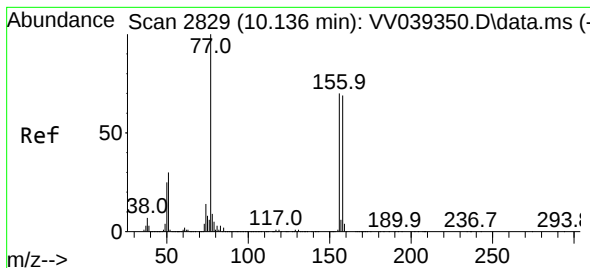
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#76
1,2,3-Trichloropropane
Concen: 1.053 ug/l
RT: 10.201 min Scan# 2849
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 75 Resp: 9274
Ion Ratio Lower Upper
75 100
77 50.4 11.8 35.3#





#77

Bromobenzene

Concen: 1.257 ug/l

RT: 10.153 min Scan# 2834

Delta R.T. 0.016 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

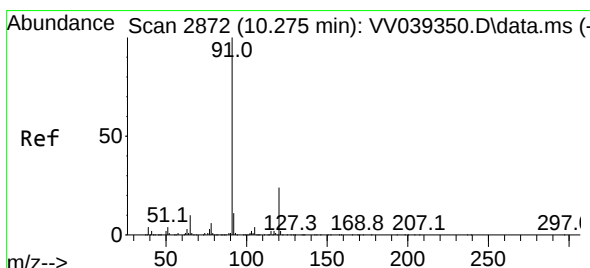
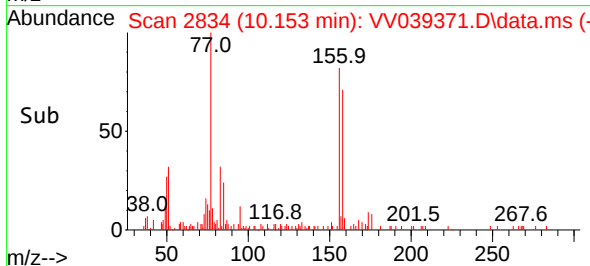
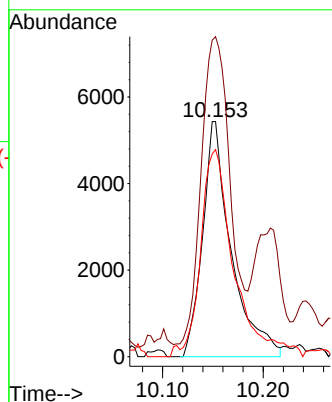
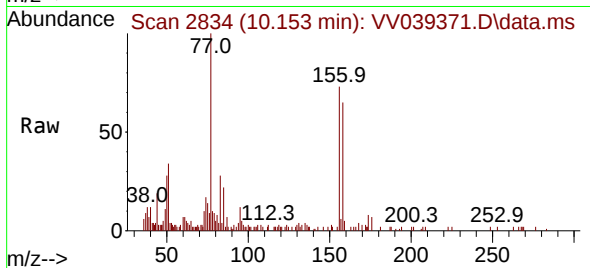
Tgt Ion:	156	Resp:	10748
Ion Ratio	Lower	Upper	
156	100		
77	131.2	70.3	210.9
158	100.9	49.4	148.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 1.111 ug/l

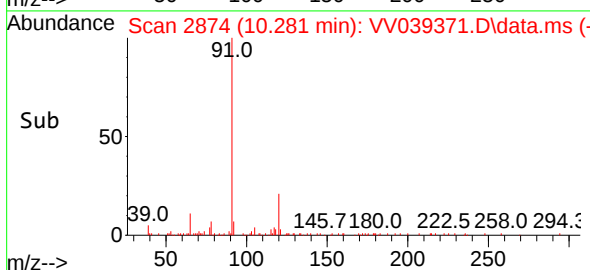
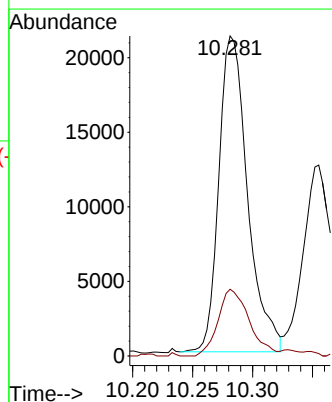
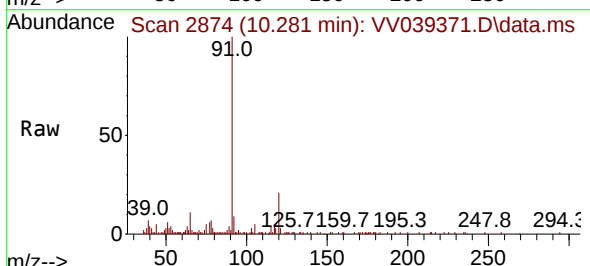
RT: 10.281 min Scan# 2874

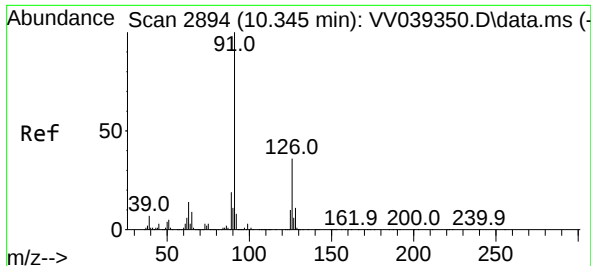
Delta R.T. 0.006 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Tgt Ion:	91	Resp:	35263
Ion Ratio	Lower	Upper	
91	100		
120	22.8	12.0	36.0





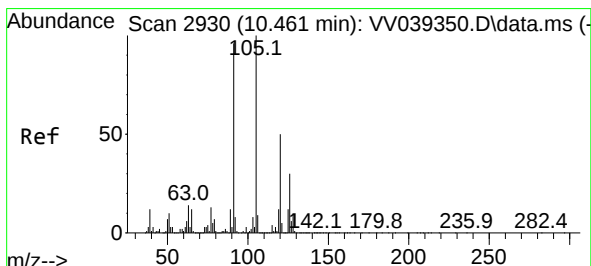
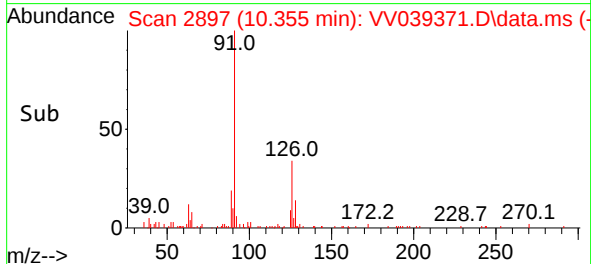
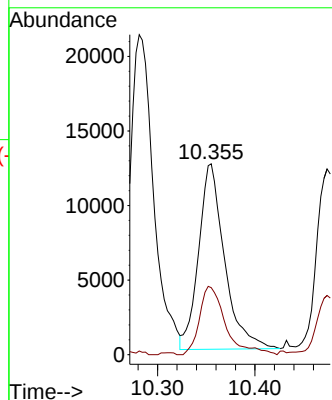
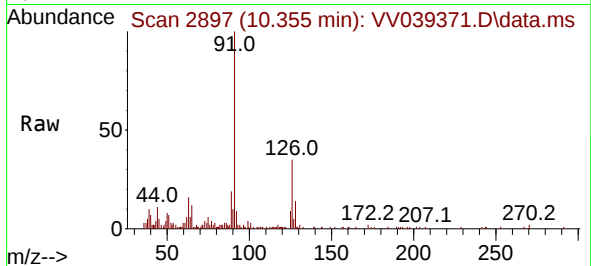
#79
2-Chlorotoluene
Concen: 1.133 ug/l
RT: 10.355 min Scan# 2897
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 2302
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.8

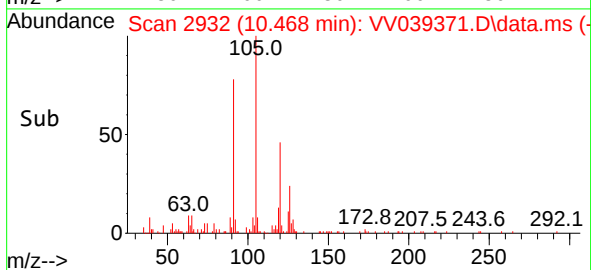
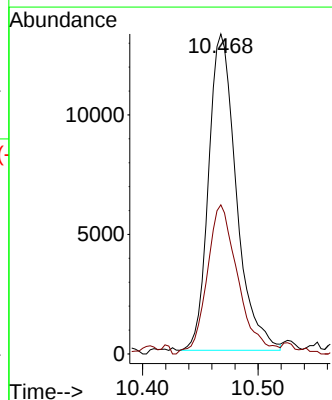
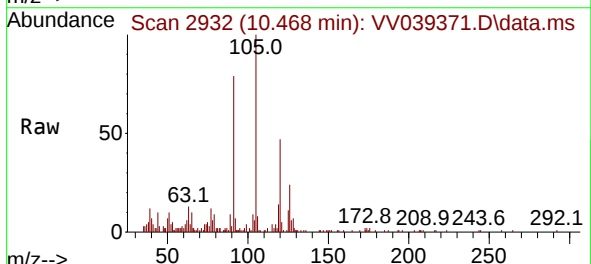
Manual Integrations
APPROVED

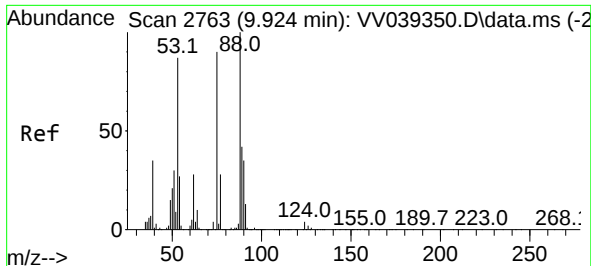
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.976 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion:105 Resp: 22103
Ion Ratio Lower Upper
105 100
120 52.5 25.1 75.4





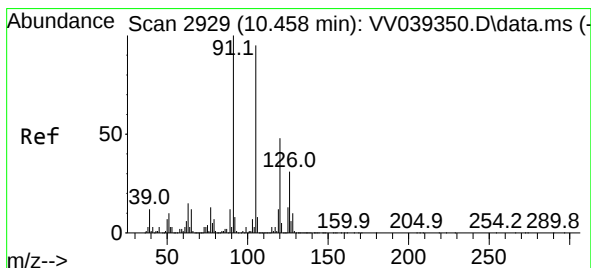
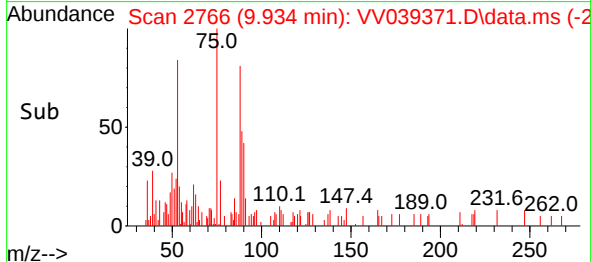
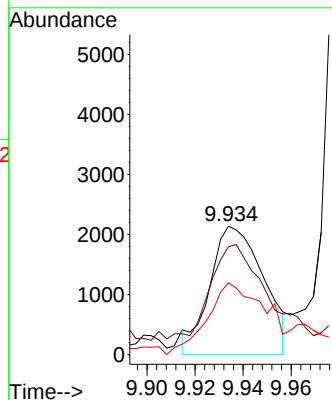
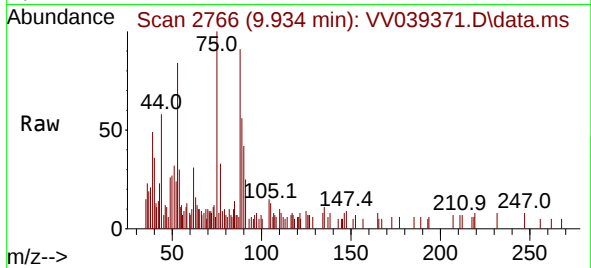
#81
trans-1,4-Dichloro-2-butene
Concen: 1.004 ug/l m
RT: 9.934 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 3300
Ion Ratio Lower Upper
75 100
53 20.3 79.0 118.6
89 12.2 40.4 60.6

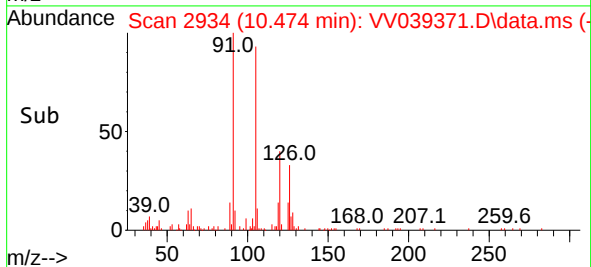
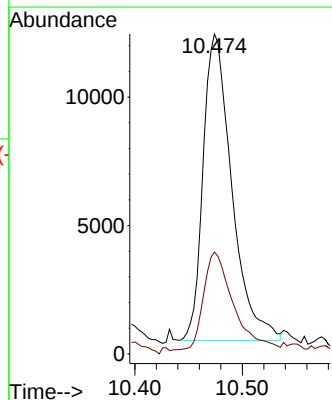
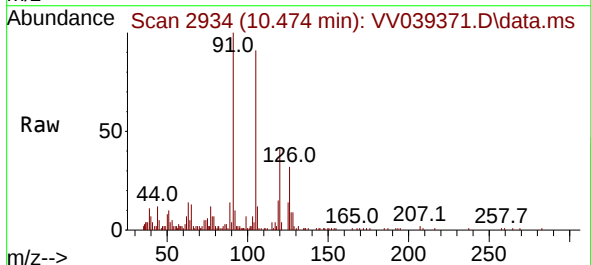
Manual Integrations
APPROVED

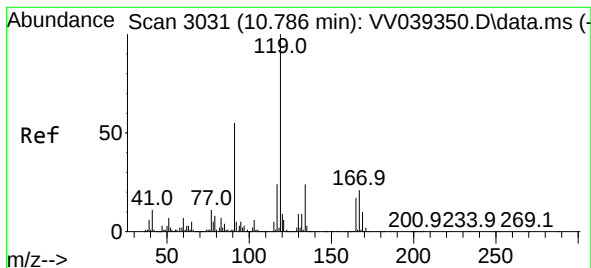
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 0.976 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.016 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 91 Resp: 22169
Ion Ratio Lower Upper
91 100
126 32.8 15.3 45.9





#83

tert-Butylbenzene

Concen: 1.047 ug/l

RT: 10.789 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

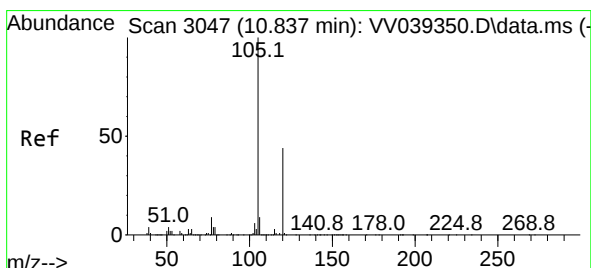
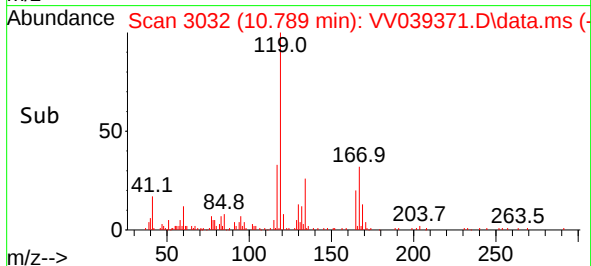
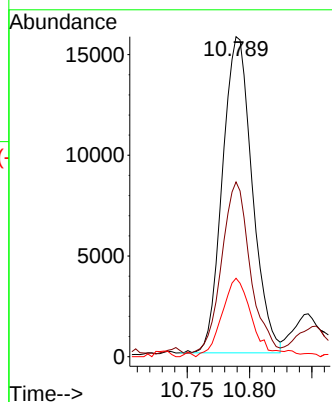
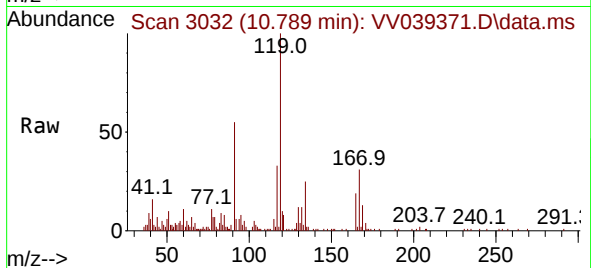
Tgt Ion:	119	Resp:	2607
Ion Ratio	Lower	Upper	
119	100		
91	51.8	26.5	79.5
134	24.5	11.9	35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.924 ug/l

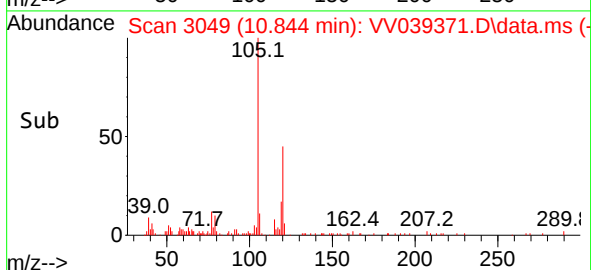
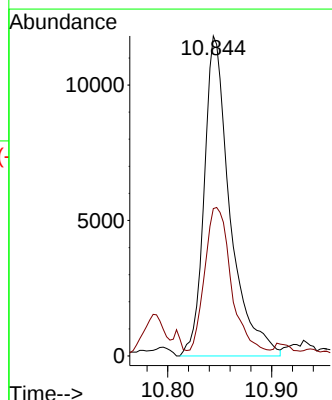
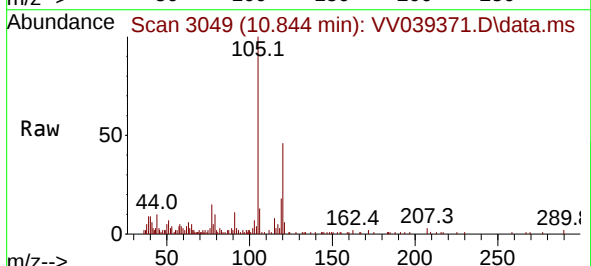
RT: 10.844 min Scan# 3049

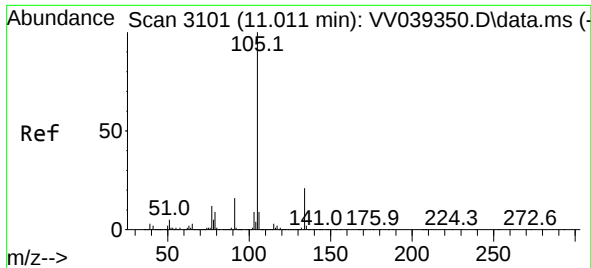
Delta R.T. 0.006 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

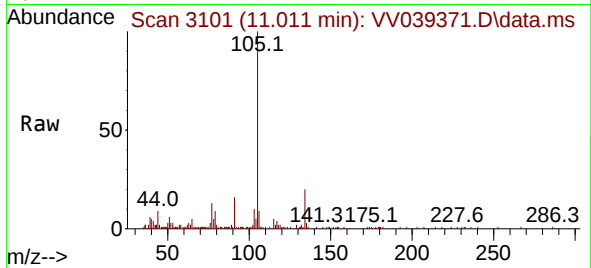
Tgt Ion:	105	Resp:	20394
Ion Ratio	Lower	Upper	
105	100		
120	49.4	23.0	69.0





#85
 sec-Butylbenzene
 Concen: 0.983 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40

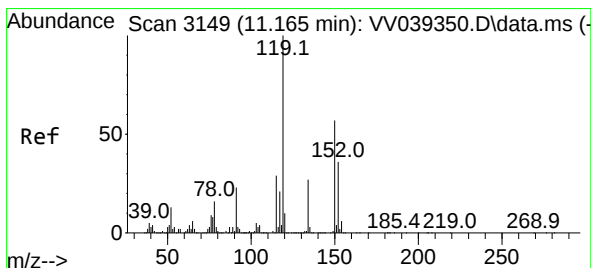
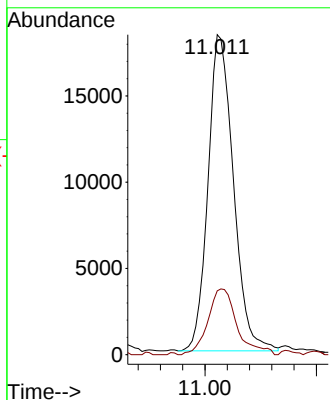
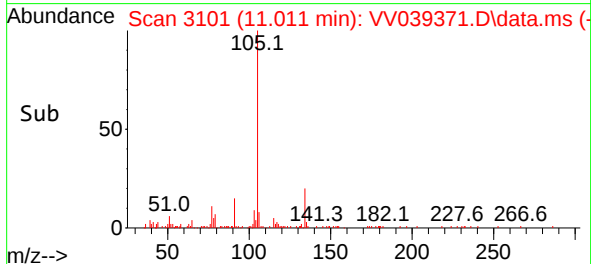
Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



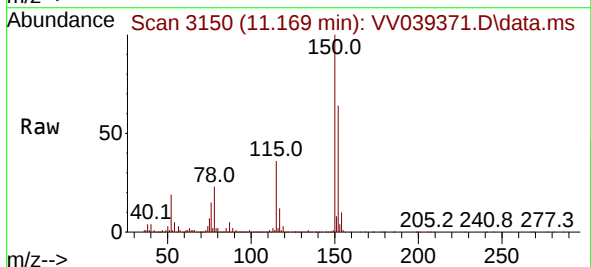
Tgt Ion:105 Resp: 29020
 Ion Ratio Lower Upper
 105 100
 134 23.7 10.5 31.6

Manual Integrations
 APPROVED

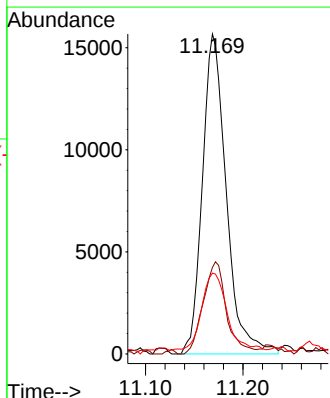
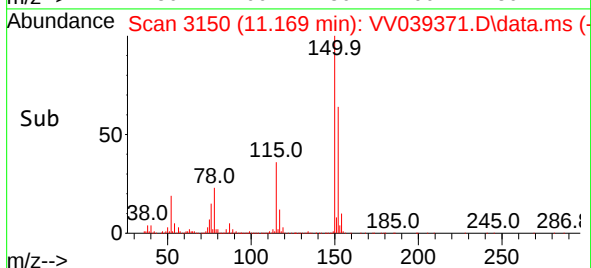
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

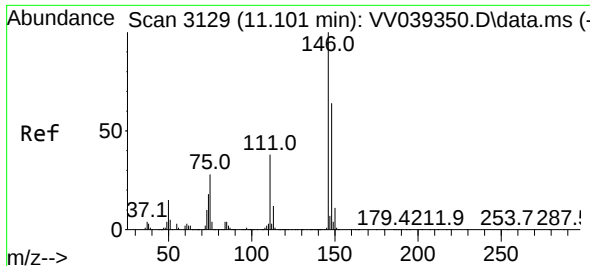


#86
 p-Isopropyltoluene
 Concen: 1.047 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV039371.D
 Acq: 12 Nov 2025 13:40



Tgt Ion:119 Resp: 26684
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.2
 91 26.0 11.5 34.4





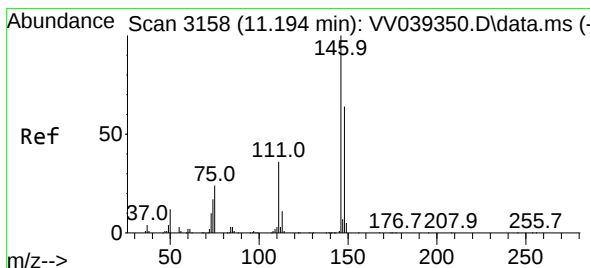
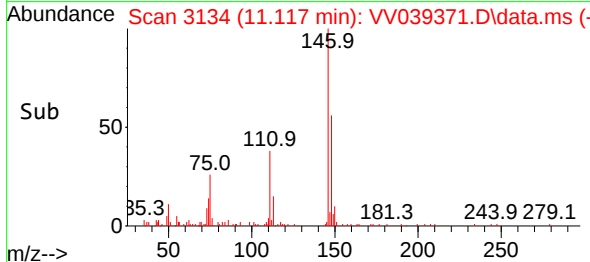
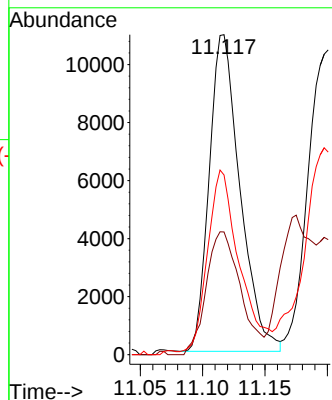
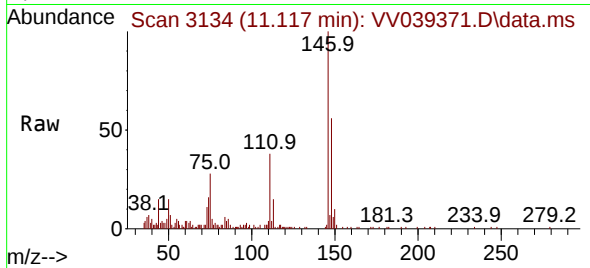
#87
1,3-Dichlorobenzene
Concen: 1.147 ug/l
RT: 11.117 min Scan# 3117
Delta R.T. 0.016 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion:146 Resp: 1882
Ion Ratio Lower Upper
146 100
111 43.0 18.8 56.4
148 58.8 31.9 95.5

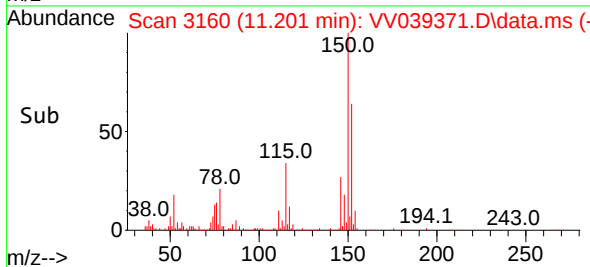
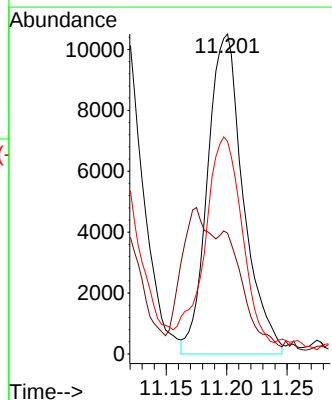
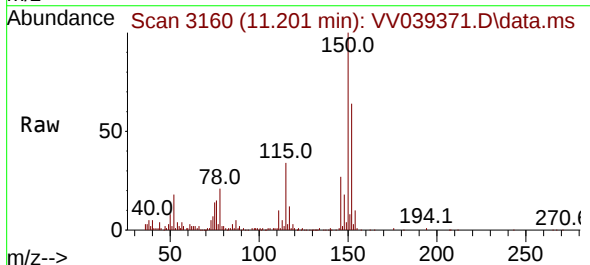
Manual Integrations
APPROVED

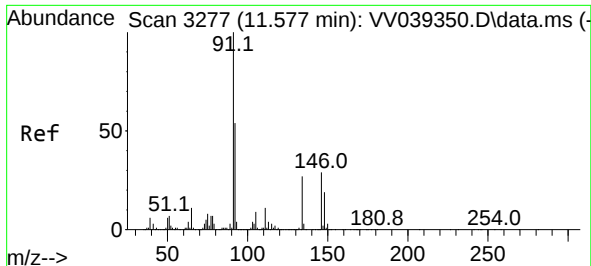
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#88
1,4-Dichlorobenzene
Concen: 1.211 ug/l m
RT: 11.201 min Scan# 3160
Delta R.T. 0.006 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion:146 Resp: 21651
Ion Ratio Lower Upper
146 100
111 37.4 18.6 55.8
148 51.1 32.0 96.2





#89

n-Butylbenzene

Concen: 1.059 ug/l

RT: 11.587 min Scan# 3277

Delta R.T. 0.010 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

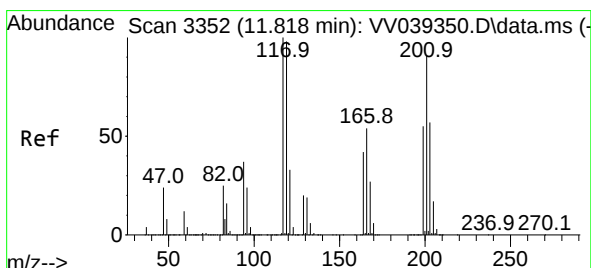
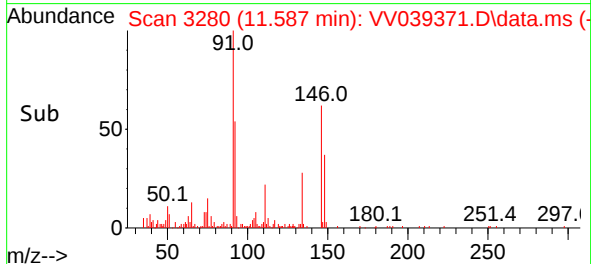
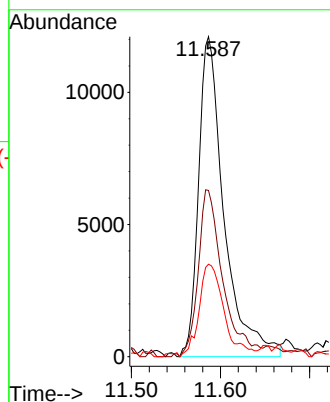
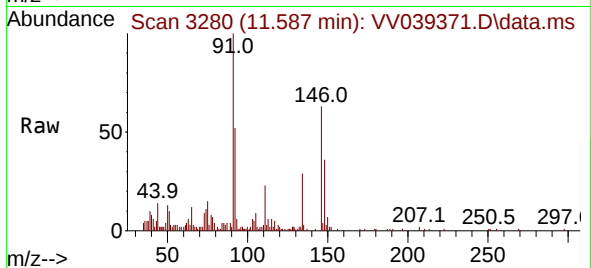
Tgt Ion:	91	Resp:	2406
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.9	80.7
134	28.2	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#90

Hexachloroethane

Concen: 1.180 ug/l

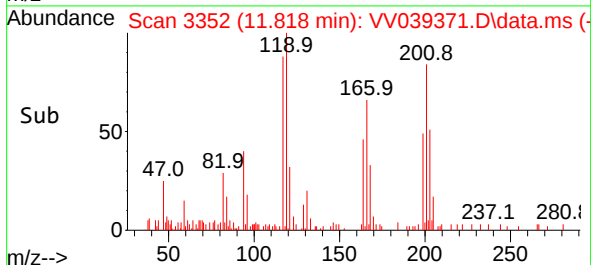
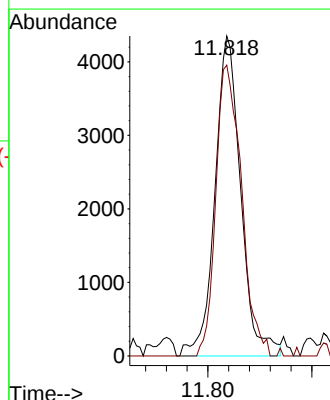
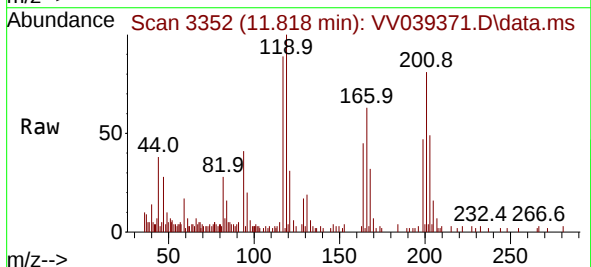
RT: 11.818 min Scan# 3352

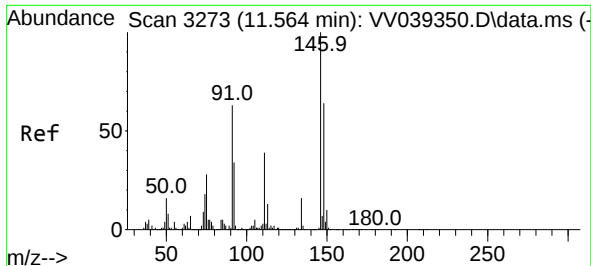
Delta R.T. 0.000 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Tgt Ion:	117	Resp:	7491
Ion Ratio	Lower	Upper	
117	100		
201	90.4	45.3	135.8





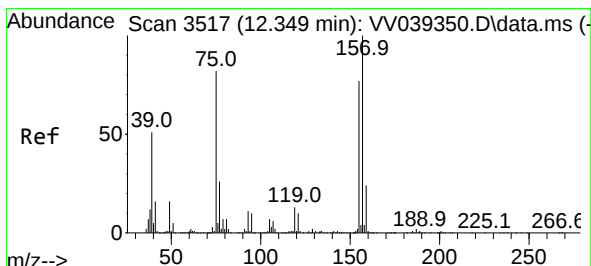
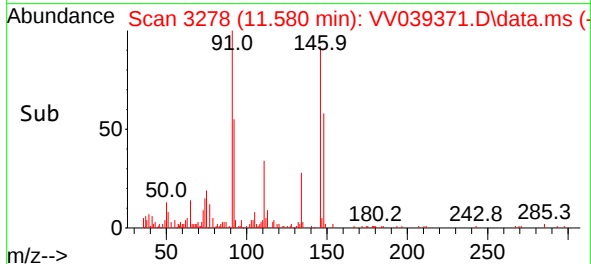
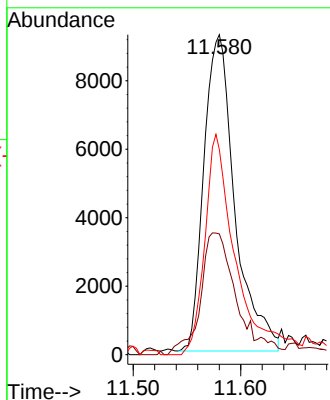
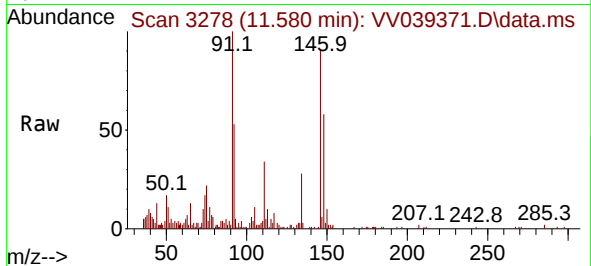
#91
1,2-Dichlorobenzene
Concen: 1.154 ug/l
RT: 11.580 min Scan# 3111
Delta R.T. 0.016 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:146 Resp: 1852
Ion Ratio Lower Upper
146 100
111 41.8 19.5 58.5
148 69.5 32.0 96.0

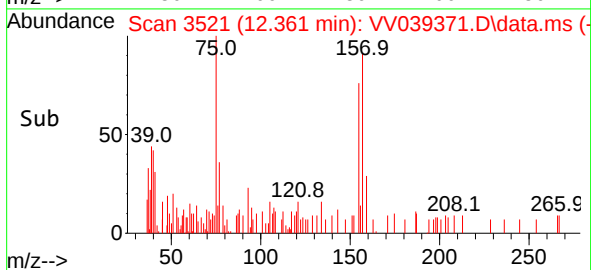
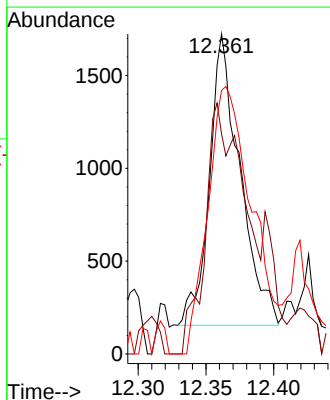
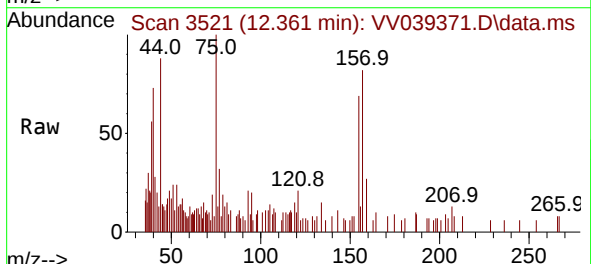
Manual Integrations
APPROVED

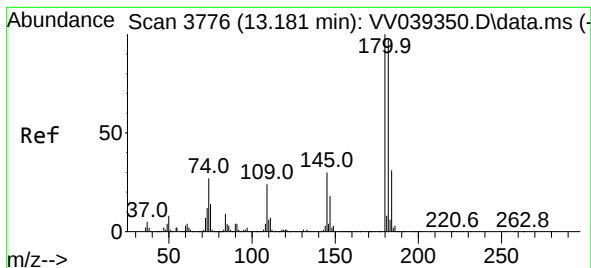
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.996 ug/l
RT: 12.361 min Scan# 3521
Delta R.T. 0.013 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion: 75 Resp: 2472
Ion Ratio Lower Upper
75 100
155 57.2 47.0 141.2
157 131.1 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 1.077 ug/l

RT: 13.194 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

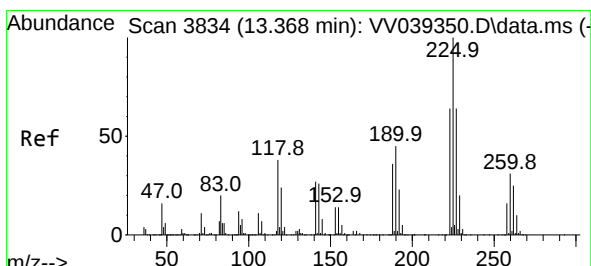
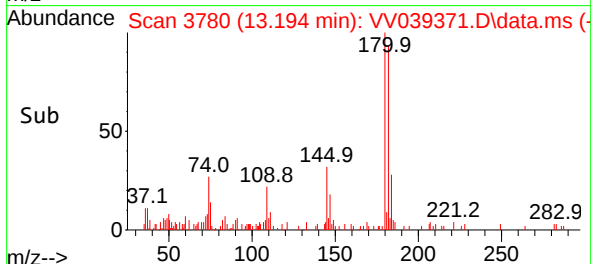
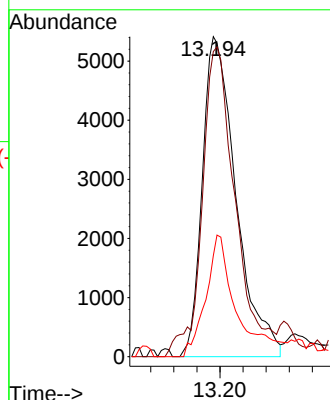
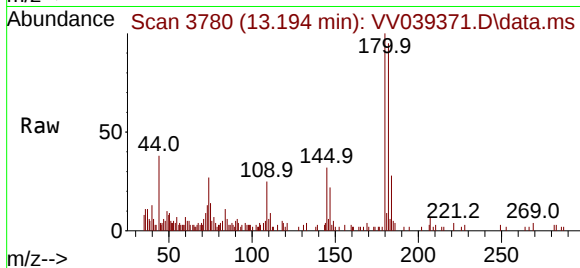
Tgt Ion:180	Resp:	1096
Ion Ratio	Lower	Upper
180	100	
182	95.3	48.5 145.5
145	35.0	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#94

Hexachlorobutadiene

Concen: 1.347 ug/l

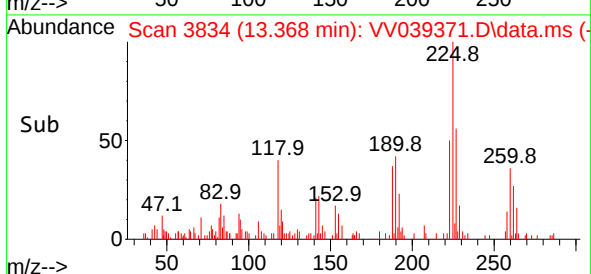
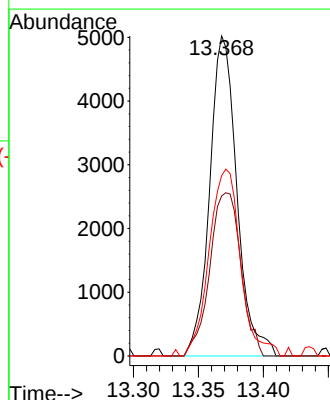
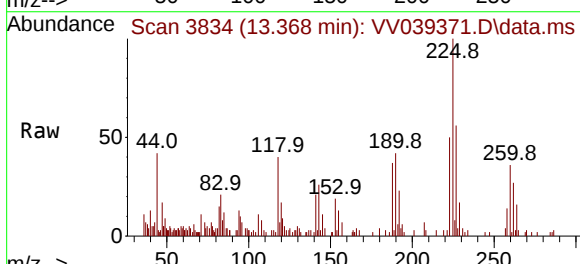
RT: 13.368 min Scan# 3834

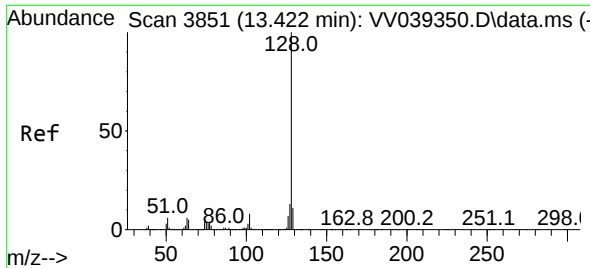
Delta R.T. 0.000 min

Lab File: VV039371.D

Acq: 12 Nov 2025 13:40

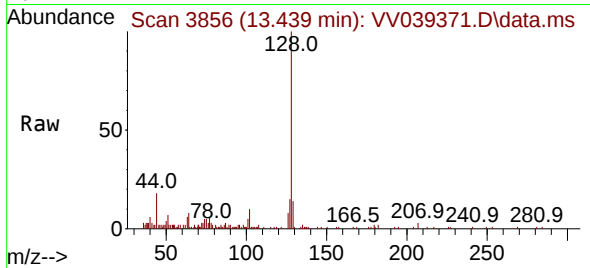
Tgt Ion:225	Resp:	7316
Ion Ratio	Lower	Upper
225	100	
223	58.3	31.1 93.5
227	67.0	31.7 95.1





#95
Naphthalene
Concen: 0.842 ug/l
RT: 13.439 min Scan# 3856
Delta R.T. 0.016 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

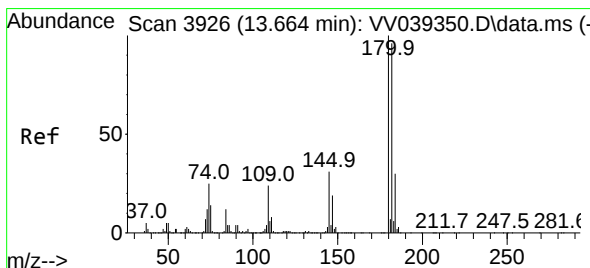
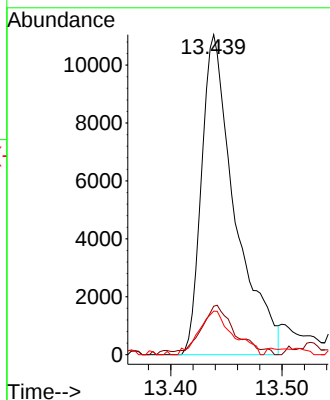
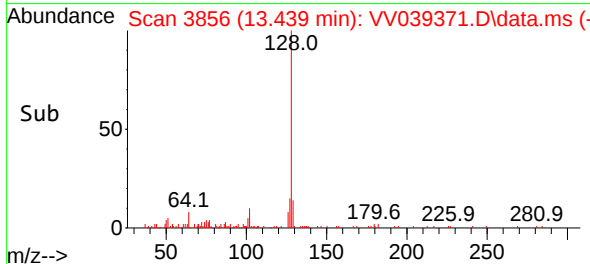
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:128 Resp: 22979
Ion Ratio Lower Upper
128 100
127 15.7 10.4 15.6
129 13.6 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.992 ug/l
RT: 13.673 min Scan# 3929
Delta R.T. 0.010 min
Lab File: VV039371.D
Acq: 12 Nov 2025 13:40

Tgt Ion:180 Resp: 10423
Ion Ratio Lower Upper
180 100
182 98.3 47.9 143.6
145 33.3 15.3 45.9

