

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088409.D
 Acq On : 02 Dec 2025 15:22
 Operator : JC\MD
 Sample : Q3530-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Dec 03 03:43:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	253616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	489861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	424226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	191162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	259789	54.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.760%			
35) Dibromofluoromethane	8.147	113	168101	49.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.040%			
50) Toluene-d8	10.541	98	604575	47.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.720%			
62) 4-Bromofluorobenzene	12.829	95	197063	45.470	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	1663	0.437	ug/l	80
3) Chloromethane	2.389	50	2119	0.518	ug/l #	86
4) Vinyl Chloride	2.536	62	1879	0.451	ug/l #	76
5) Bromomethane	2.977	94	972	0.485	ug/l #	81
6) Chloroethane	3.148	64	1393	0.541	ug/l #	73
7) Trichlorofluoromethane	3.512	101	2919	0.499	ug/l #	82
8) Diethyl Ether	3.959	74	1185	0.540	ug/l #	39
9) 1,1,2-Trichlorotrifluo...	4.365	101	1325	0.425	ug/l #	85
10) Methyl Iodide	4.595	142	1140m	0.370	ug/l	
11) Tert butyl alcohol	5.524	59	1485	1.947	ug/l #	72
12) 1,1-Dichloroethene	4.330	96	1660	0.536	ug/l #	53
13) Acrolein	4.171	56	1490	2.040	ug/l	97
14) Allyl chloride	5.006	41	2436m	0.425	ug/l	
15) Acrylonitrile	5.712	53	4307	1.957	ug/l #	73
16) Acetone	4.436	43	7841	4.538	ug/l	93
17) Carbon Disulfide	4.706	76	4833	0.478	ug/l #	76
18) Methyl Acetate	5.036	43	2314m	0.450	ug/l	
19) Methyl tert-butyl Ether	5.794	73	5132	0.443	ug/l	96
20) Methylene Chloride	5.259	84	1880m	0.509	ug/l	
21) trans-1,2-Dichloroethene	5.765	96	1667	0.486	ug/l #	75
22) Diisopropyl ether	6.653	45	5122	0.418	ug/l #	68
23) Vinyl Acetate	6.583	43	22587m	2.290	ug/l	
24) 1,1-Dichloroethane	6.553	63	3412	0.492	ug/l #	83
25) 2-Butanone	7.477	43	6984	2.514	ug/l	97
26) 2,2-Dichloropropane	7.483	77	2871m	0.480	ug/l	
27) cis-1,2-Dichloroethene	7.465	96	1844	0.463	ug/l	93
28) Bromochloromethane	7.788	49	1579m	0.457	ug/l	
29) Tetrahydrofuran	7.824	42	4042	2.029	ug/l	93
30) Chloroform	7.941	83	3176	0.466	ug/l	99
31) Cyclohexane	8.206	56	10259	1.633	ug/l #	46
32) 1,1,1-Trichloroethane	8.153	97	3165	0.528	ug/l #	22
36) 1,1-Dichloropropene	8.347	75	2281	0.435	ug/l #	62
37) Ethyl Acetate	7.535	43	3447	0.500	ug/l #	72
38) Carbon Tetrachloride	8.335	117	2413	0.463	ug/l #	79
39) Methylcyclohexane	9.577	83	2893	0.516	ug/l	94
40) Benzene	8.582	78	6999	0.455	ug/l	93

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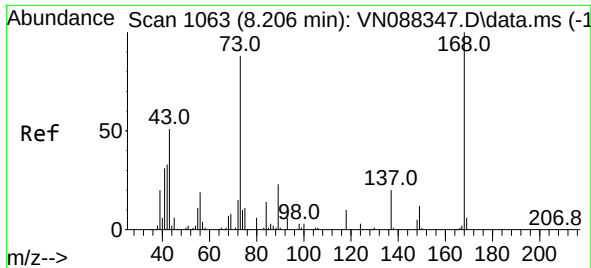
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41) Methacrylonitrile	7.759	41	1924	0.564	ug/l #	61
42) 1,2-Dichloroethane	8.659	62	2850m	0.486	ug/l	
43) Isopropyl Acetate	8.671	43	4324	0.411	ug/l #	93
44) Trichloroethene	9.335	130	1930	0.531	ug/l	90
45) 1,2-Dichloropropane	9.606	63	1900	0.482	ug/l #	74
46) Dibromomethane	9.694	93	1257	0.447	ug/l #	79
47) Bromodichloromethane	9.859	83	2670	0.465	ug/l #	94
48) Methyl methacrylate	9.665	41	1899	0.395	ug/l #	76
49) 1,4-Dioxane	9.694	88	237	3.881	ug/l #	37
51) 4-Methyl-2-Pentanone	10.424	43	10690	1.723	ug/l	97
52) Toluene	10.606	92	4261	0.480	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	2224	0.378	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	2318	0.374	ug/l #	74
55) 1,1,2-Trichloroethane	10.988	97	1638	0.477	ug/l #	74
56) Ethyl methacrylate	10.859	69	1540	0.284	ug/l #	84
57) 1,3-Dichloropropane	11.141	76	2680	0.432	ug/l #	78
58) 2-Chloroethyl Vinyl ether	10.147	63	4490	1.435	ug/l	92
59) 2-Hexanone	11.218	43	6245m	1.598	ug/l	
60) Dibromochloromethane	11.335	129	1923	0.491	ug/l	94
61) 1,2-Dibromoethane	11.447	107	1643	0.472	ug/l	83
64) Tetrachloroethene	11.088	164	1529	0.455	ug/l #	80
65) Chlorobenzene	11.871	112	4905	0.515	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.935	131	1685	0.524	ug/l #	55
67) Ethyl Benzene	11.941	91	6620	0.397	ug/l #	75
68) m/p-Xylenes	12.047	106	4925	0.798	ug/l	93
69) o-Xylene	12.382	106	1949	0.331	ug/l	75
70) Styrene	12.400	104	2797	0.293	ug/l #	85
71) Bromoform	12.553	173	1083	0.460	ug/l #	98
73) Isopropylbenzene	12.670	105	5683	0.402	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.912	83	2140	0.468	ug/l #	88
76) 1,2,3-Trichloropropane	12.976	75	1981m	0.442	ug/l	
77) Bromobenzene	12.953	156	1376	0.425	ug/l	87
78) n-propylbenzene	13.012	91	6796	0.393	ug/l	91
79) 2-Chlorotoluene	13.100	91	4733m	0.448	ug/l	
80) 1,3,5-Trimethylbenzene	13.153	105	4890	0.418	ug/l	98
82) 4-Chlorotoluene	13.206	91	4985	0.475	ug/l	85
83) tert-Butylbenzene	13.412	119	5461m	0.548	ug/l	
84) 1,2,4-Trimethylbenzene	13.459	105	4485	0.385	ug/l	86
85) sec-Butylbenzene	13.588	105	5461	0.382	ug/l	97
86) p-Isopropyltoluene	13.700	119	4129	0.352	ug/l	84
87) 1,3-Dichlorobenzene	13.706	146	2707	0.430	ug/l #	52
88) 1,4-Dichlorobenzene	13.788	146	3218	0.488	ug/l #	21
89) n-Butylbenzene	14.029	91	4201	0.369	ug/l	100
90) Hexachloroethane	14.317	117	1004	0.469	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	2656	0.448	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.694	75	375m	0.338	ug/l	
93) 1,2,4-Trichlorobenzene	15.388	180	1365	0.388	ug/l	83
94) Hexachlorobutadiene	15.476	225	639	0.505	ug/l #	54
95) Naphthalene	15.611	128	4452	0.365	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.823	180	1779	0.519	ug/l	84

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

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

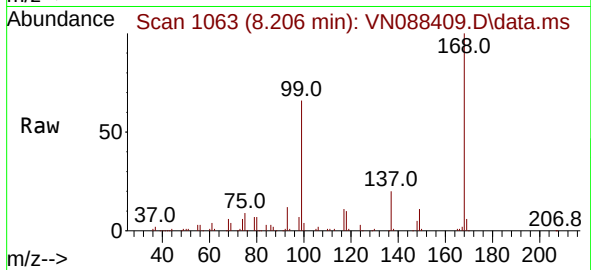
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

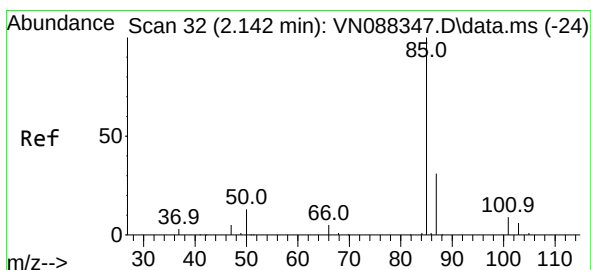
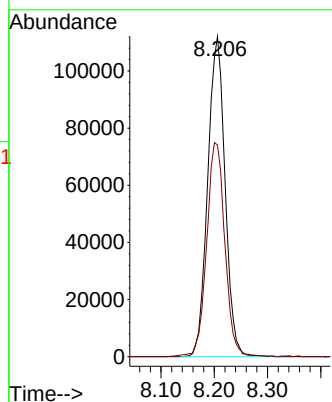
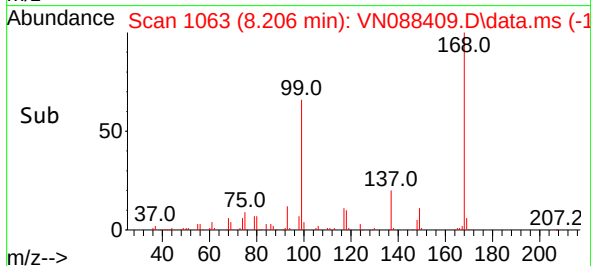
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:168 Resp: 253610
Ion Ratio Lower Upper
168 100
99 66.0 57.1 85.7

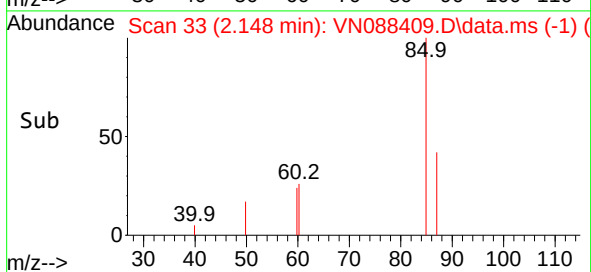
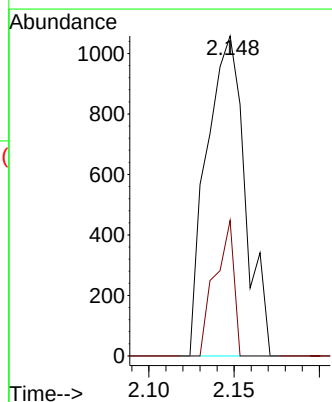
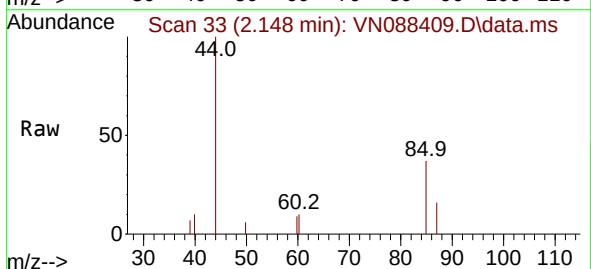
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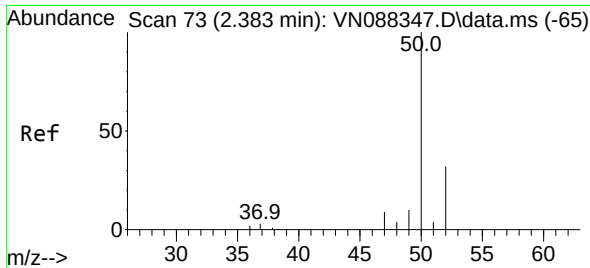
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#2
Dichlorodifluoromethane
Concen: 0.437 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion: 85 Resp: 1663
Ion Ratio Lower Upper
85 100
87 42.3 15.6 46.7





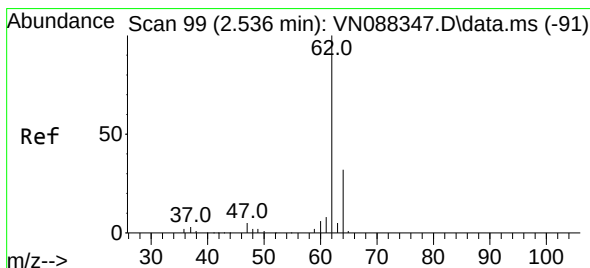
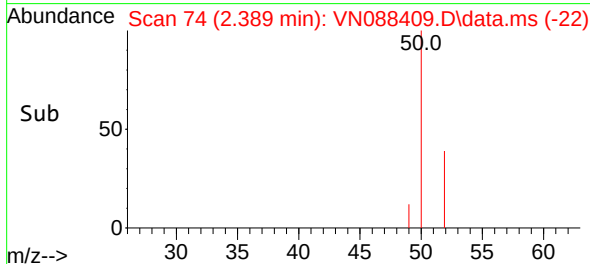
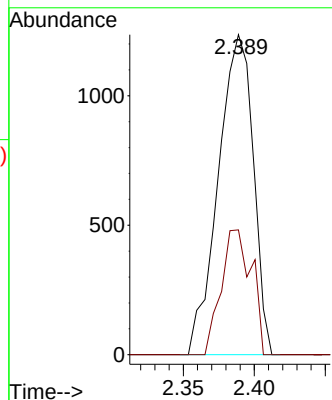
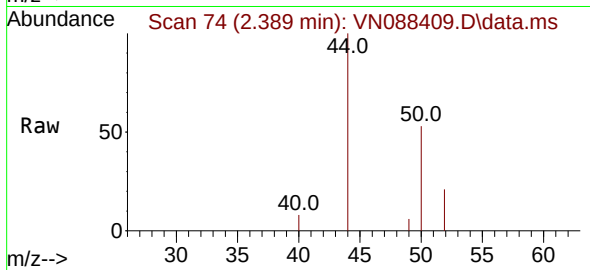
#3
Chloromethane
Concen: 0.518 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 50 Resp: 2119
Ion Ratio Lower Upper
50 100
52 39.0 25.2 37.8

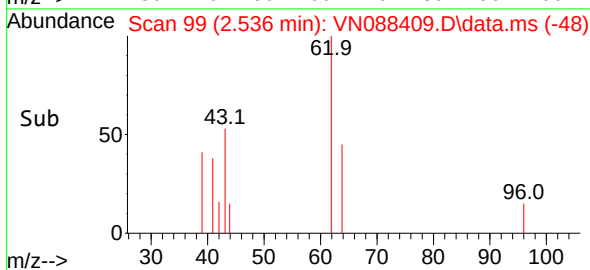
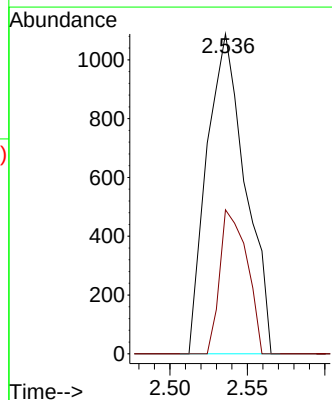
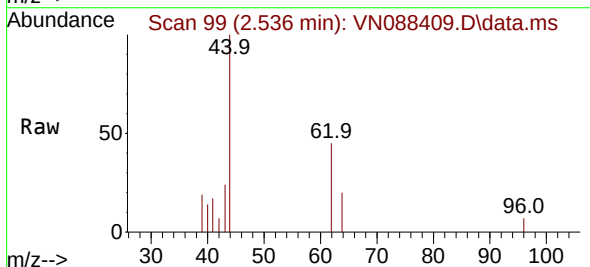
Manual Integrations
APPROVED

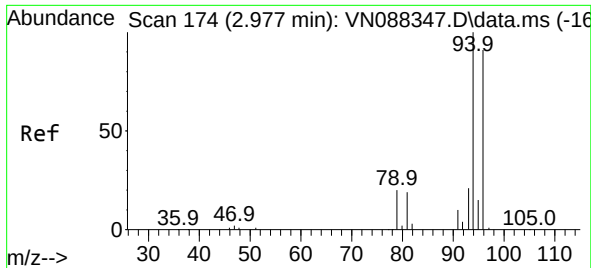
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#4
Vinyl Chloride
Concen: 0.451 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

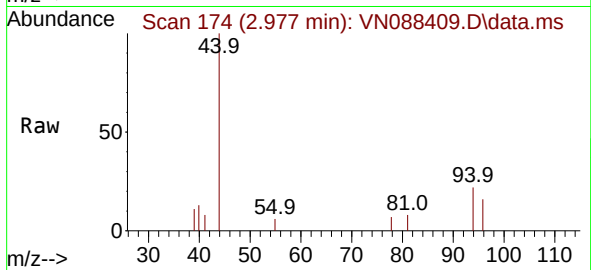
Tgt Ion: 62 Resp: 1879
Ion Ratio Lower Upper
62 100
64 45.0 25.4 38.2





#5
Bromomethane
Concen: 0.485 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

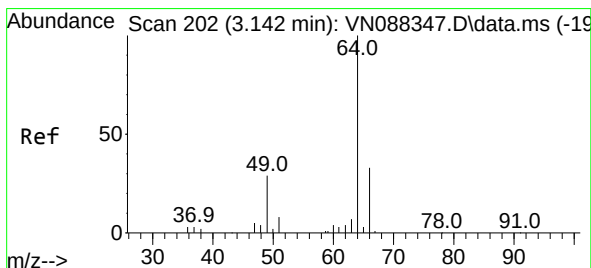
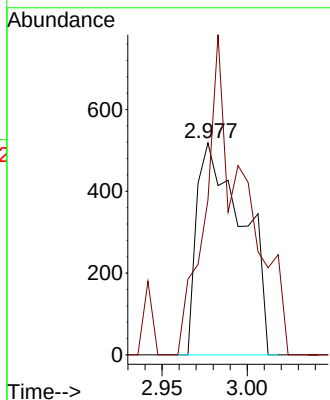
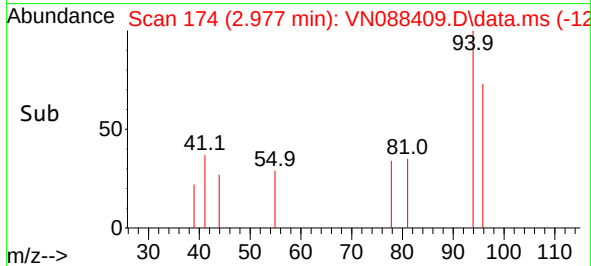
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



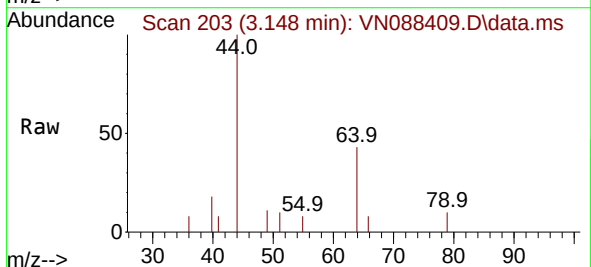
Tgt Ion: 94 Resp: 972
Ion Ratio Lower Upper
94 100
96 73.2 73.2 109.8

Manual Integrations
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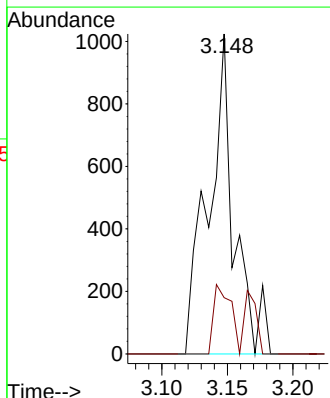
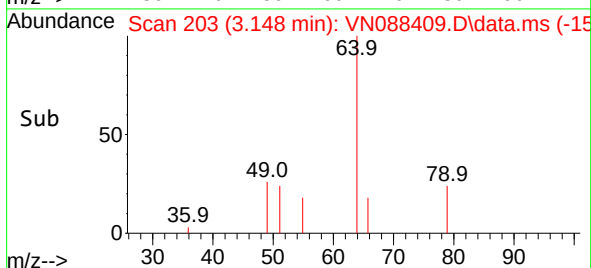
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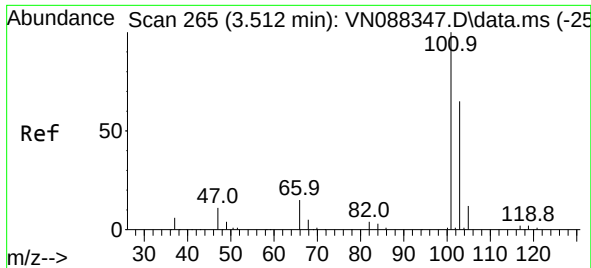


#6
Chloroethane
Concen: 0.541 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



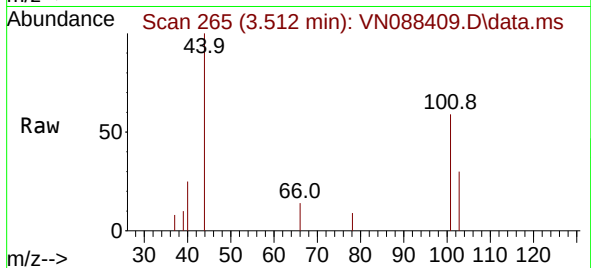
Tgt Ion: 64 Resp: 1393
Ion Ratio Lower Upper
64 100
66 17.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 0.499 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

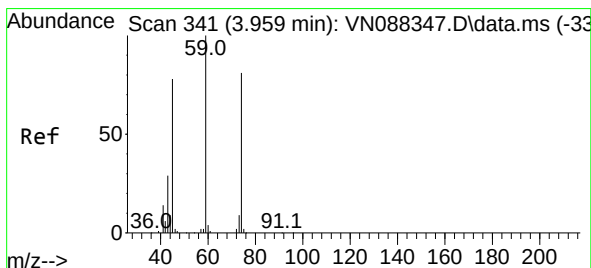
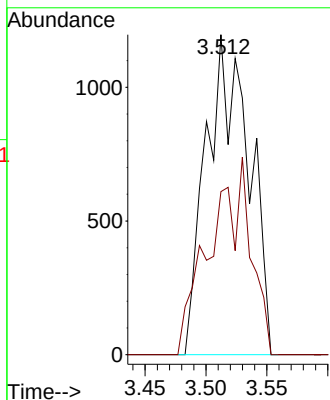
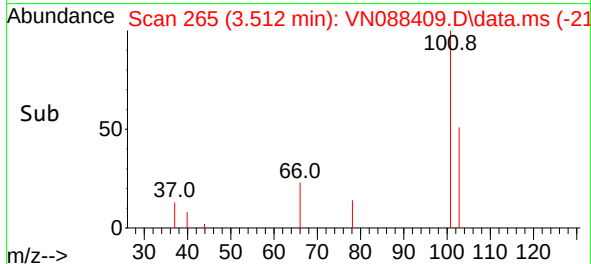
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 2919
Ion Ratio Lower Upper
101 100
103 51.0 52.3 78.5

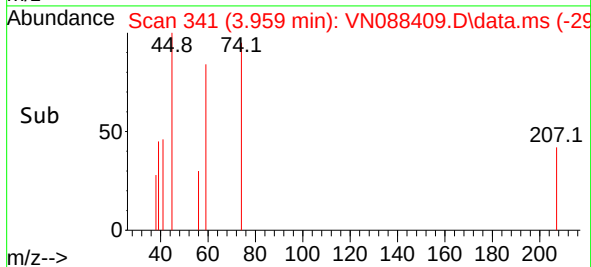
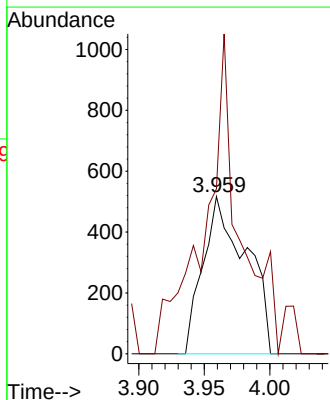
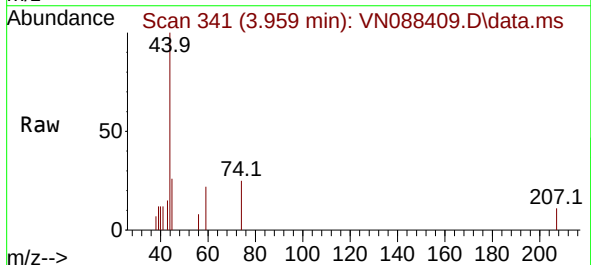
Manual Integrations
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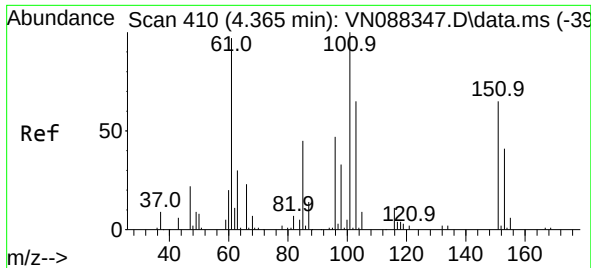
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#8
Diethyl Ether
Concen: 0.540 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion: 74 Resp: 1185
Ion Ratio Lower Upper
74 100
45 172.7 54.2 162.6#





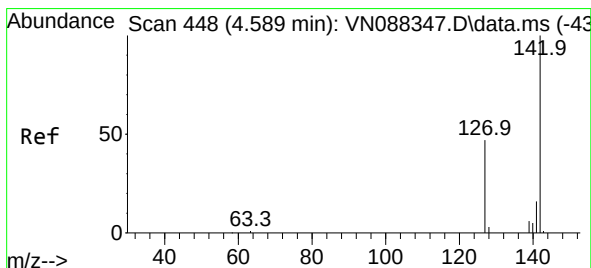
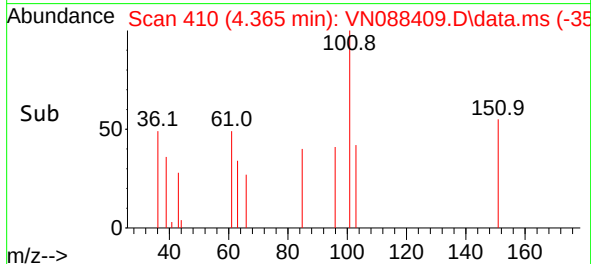
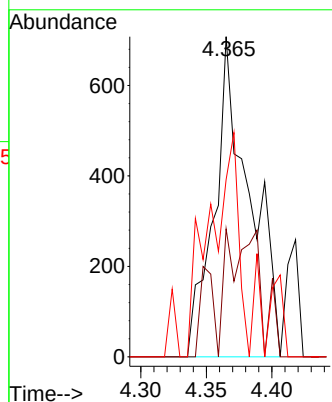
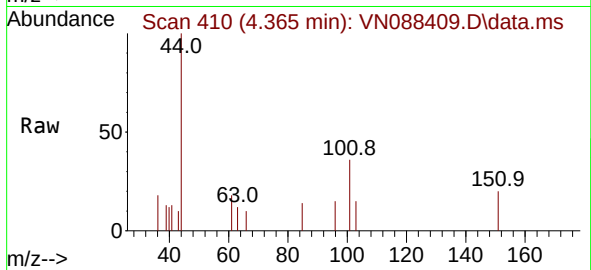
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.425 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:101 Resp: 132
Ion Ratio Lower Upper
101 100
85 37.1 39.2 58.8
151 56.8 53.6 80.4

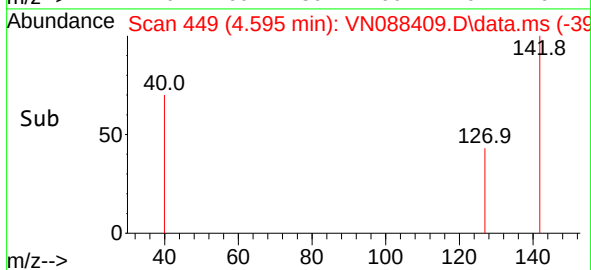
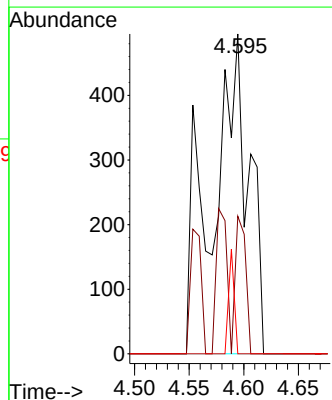
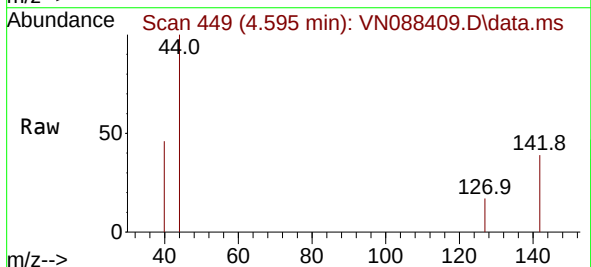
Manual Integrations
APPROVED

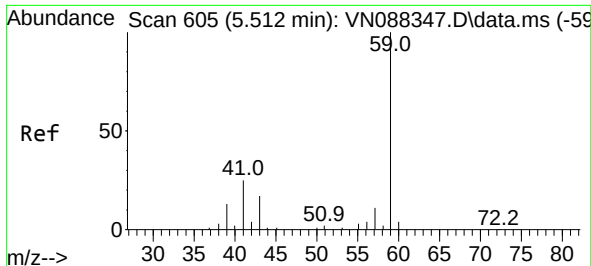
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#10
Methyl Iodide
Concen: 0.370 ug/l m
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

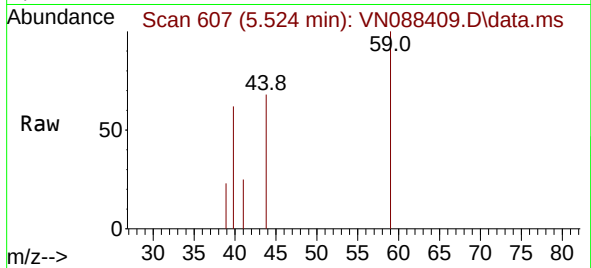
Tgt Ion:142 Resp: 1140
Ion Ratio Lower Upper
142 100
127 43.0 37.9 56.9
141 0.0 12.4 18.6#





#11
Tert butyl alcohol
Concen: 1.947 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

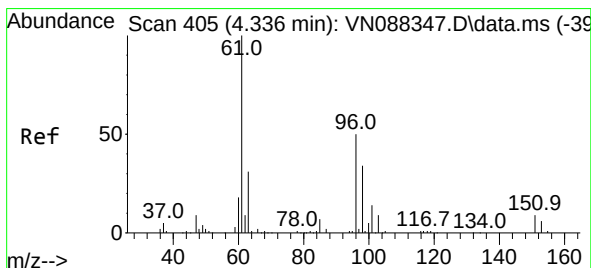
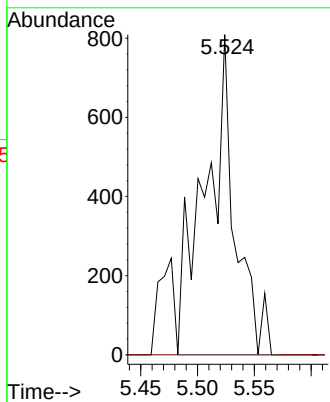
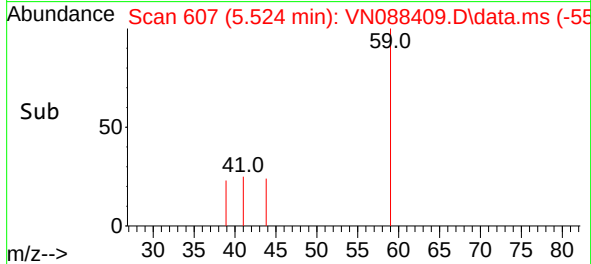
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



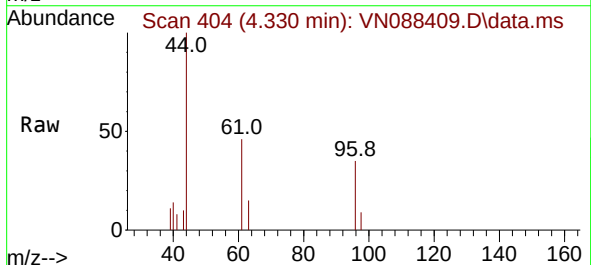
Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7

Manual Integrations
APPROVED

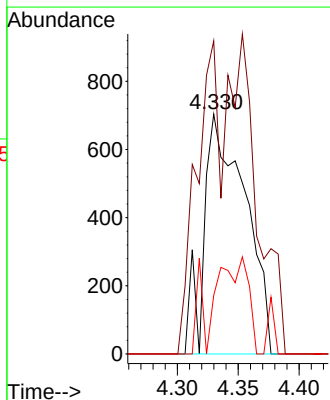
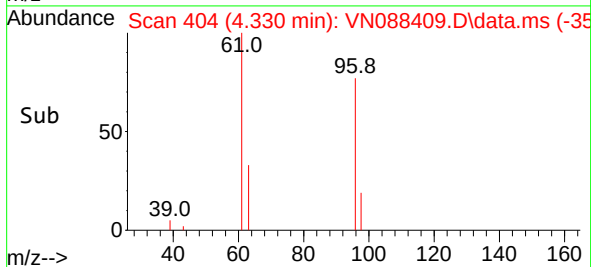
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

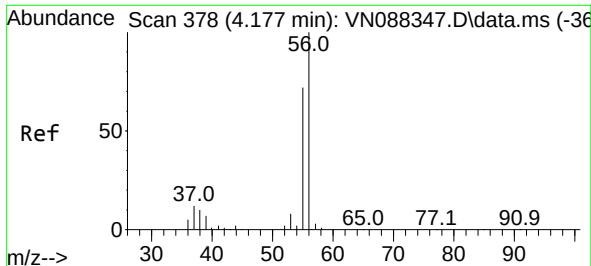


#12
1,1-Dichloroethene
Concen: 0.536 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



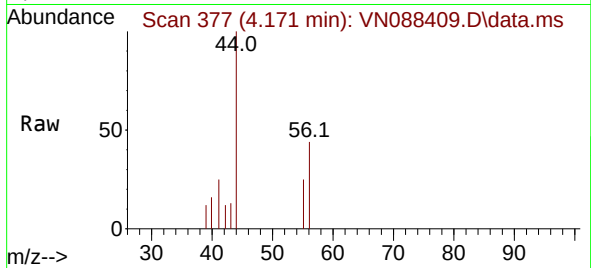
Tgt Ion: 96 Resp: 1660
Ion Ratio Lower Upper
96 100
61 130.5 159.1 238.7#
98 24.4 53.7 80.5#





#13
Acrolein
Concen: 2.040 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

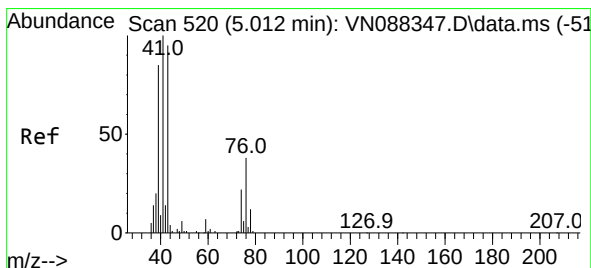
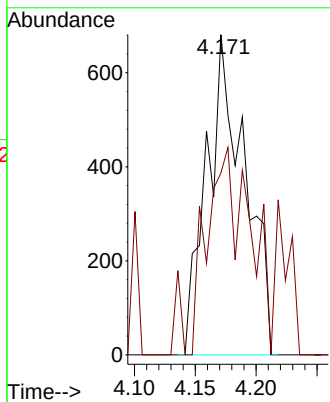
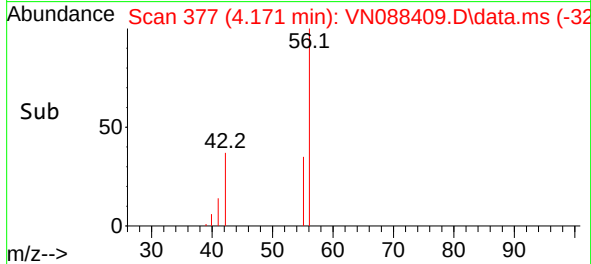
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



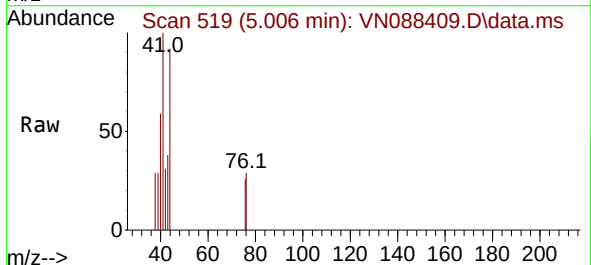
Tgt Ion: 56 Resp: 1490
Ion Ratio Lower Upper
56 100
55 72.6 56.3 84.5

Manual Integrations
APPROVED

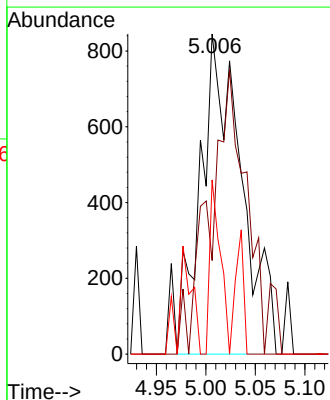
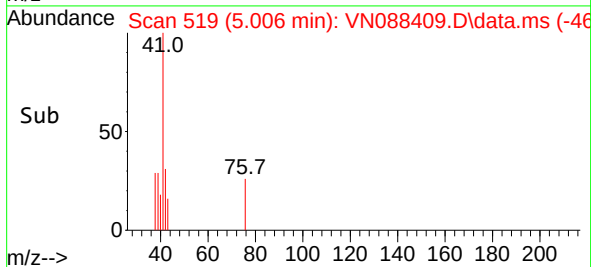
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

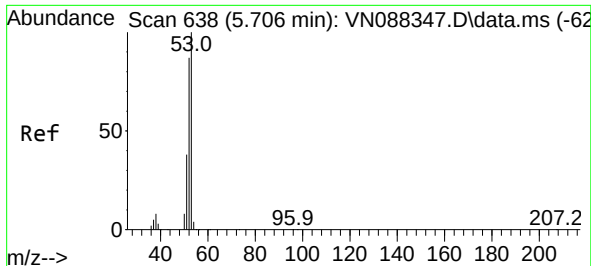


#14
Allyl chloride
Concen: 0.425 ug/l m
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



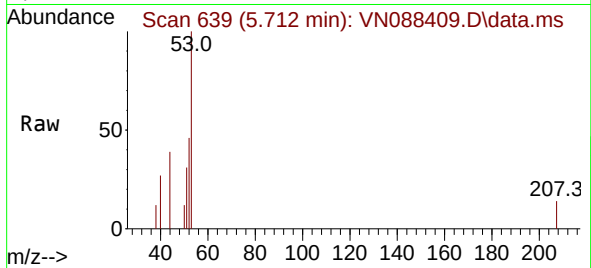
Tgt Ion: 41 Resp: 2436
Ion Ratio Lower Upper
41 100
39 0.0 64.7 97.1#
76 14.2 29.1 43.7#





#15
Acrylonitrile
Concen: 1.957 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

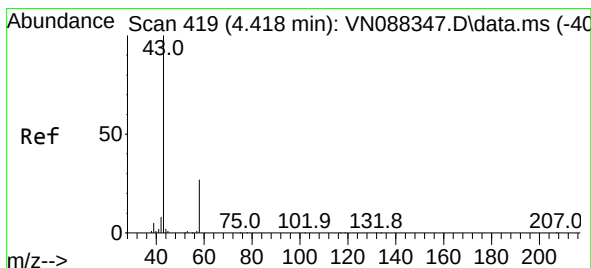
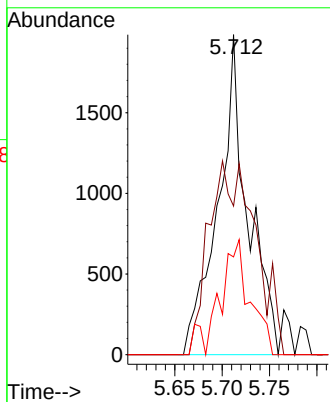
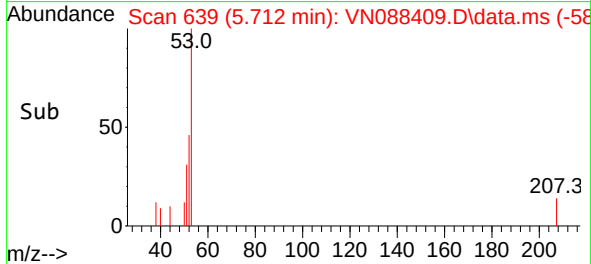
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 53 Resp: 430
Ion Ratio Lower Upper
53 100
52 50.9 67.8 101.6
51 34.1 29.8 44.8

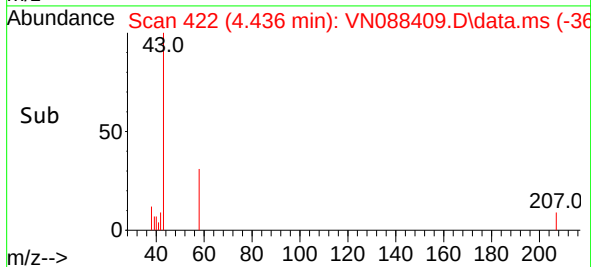
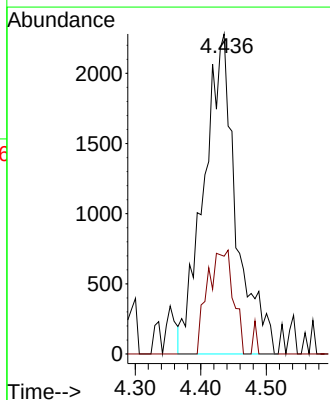
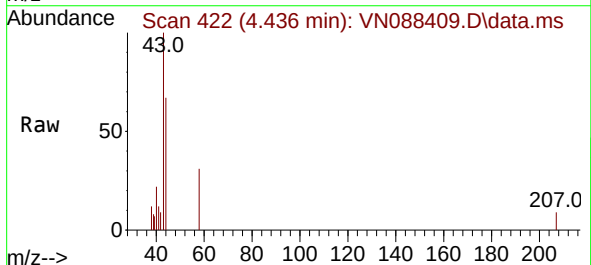
Manual Integrations
APPROVED

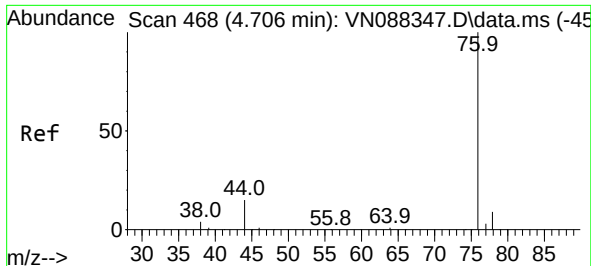
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#16
Acetone
Concen: 4.538 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

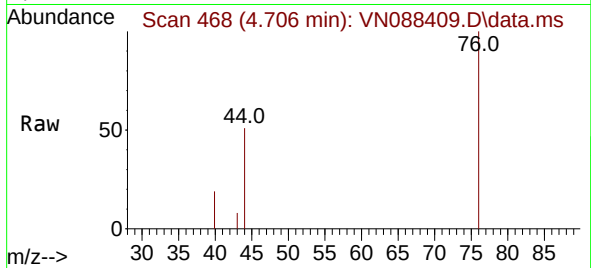
Tgt Ion: 43 Resp: 7841
Ion Ratio Lower Upper
43 100
58 30.6 21.7 32.5





#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

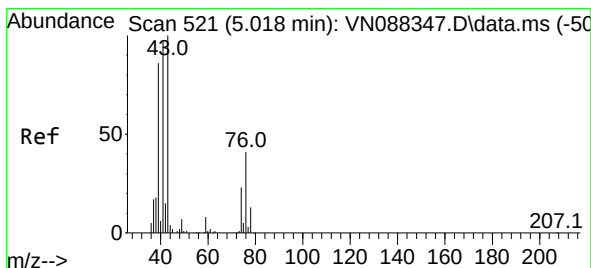
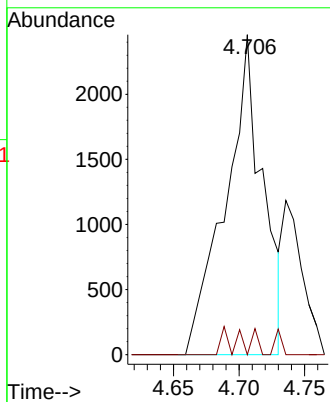
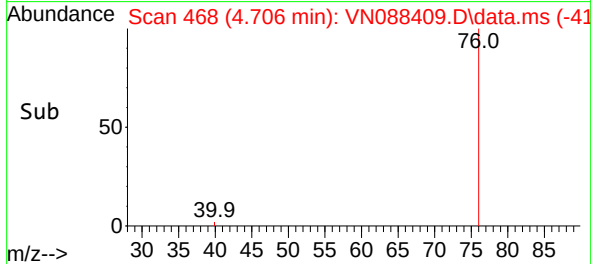
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 76 Resp: 483
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4

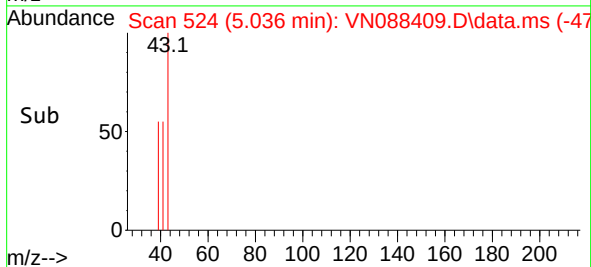
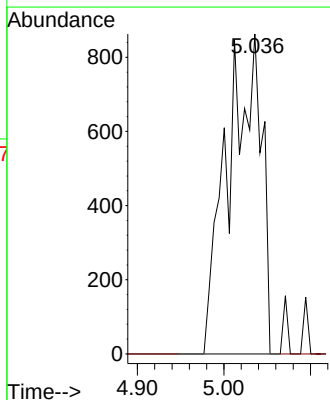
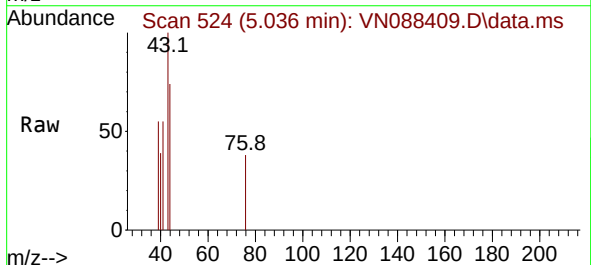
Manual Integrations
APPROVED

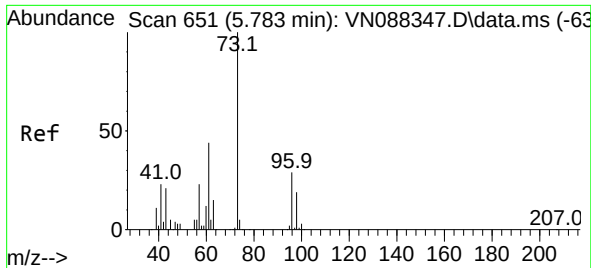
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#18
Methyl Acetate
Concen: 0.450 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9





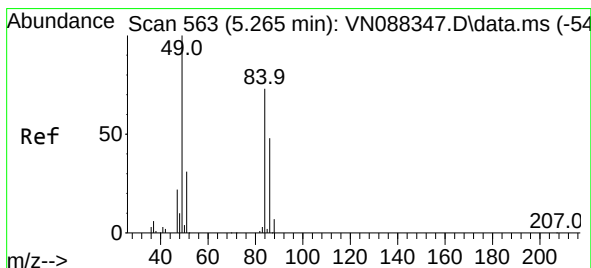
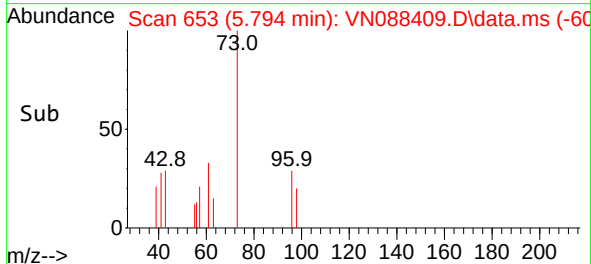
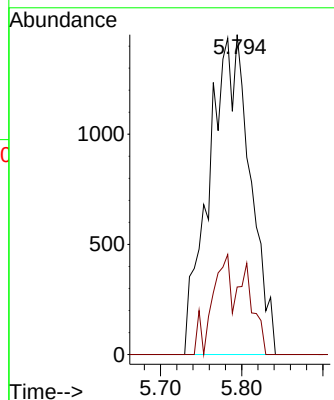
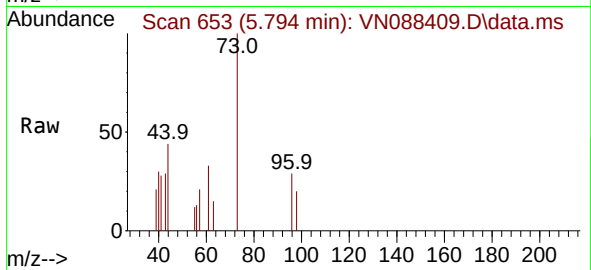
#19
Methyl tert-butyl Ether
Concen: 0.443 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 73 Resp: 513
Ion Ratio Lower Upper
73 100
57 21.1 18.6 28.0

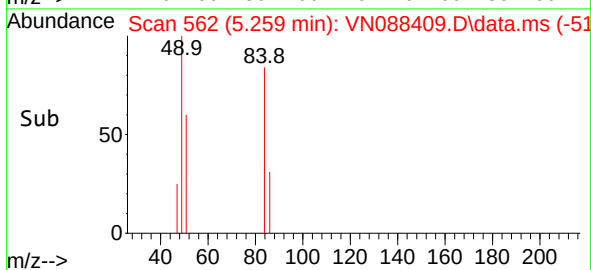
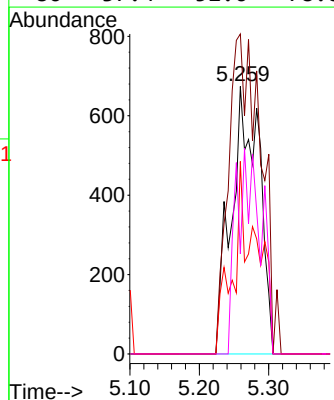
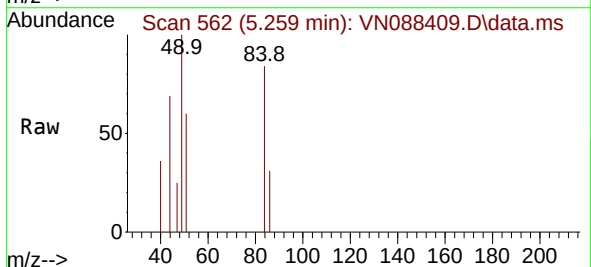
Manual Integrations
APPROVED

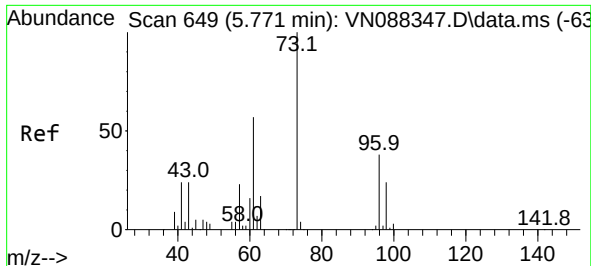
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#20
Methylene Chloride
Concen: 0.509 ug/l m
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

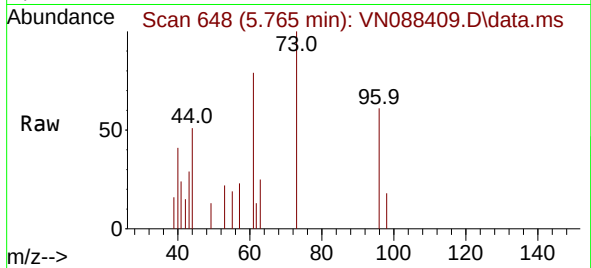
Tgt Ion: 84 Resp: 1880
Ion Ratio Lower Upper
84 100
49 119.6 110.2 165.2
51 72.0 34.1 51.1#
86 37.4 52.6 78.8#





#21
trans-1,2-Dichloroethene
Concen: 0.486 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

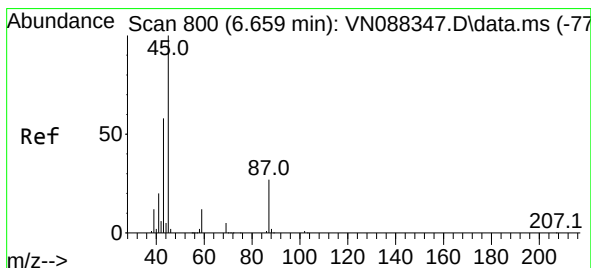
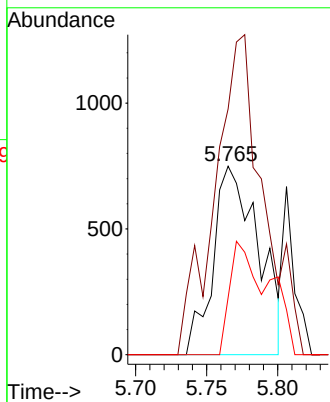
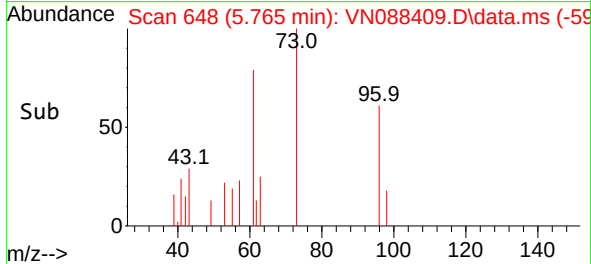
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 166
Ion Ratio Lower Upper
96 100
61 130.4 122.4 183.6
98 30.3 50.9 76.3

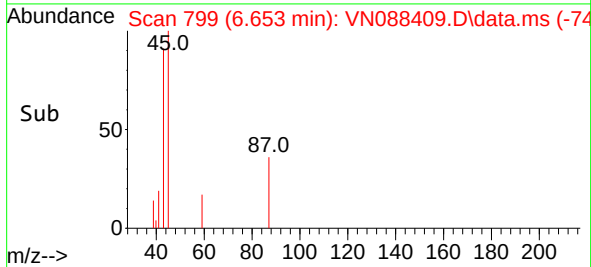
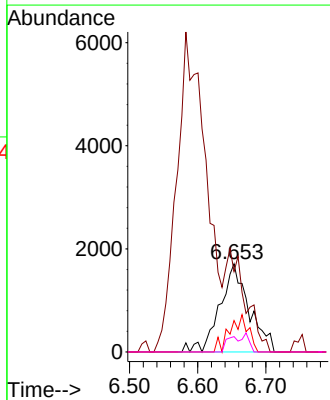
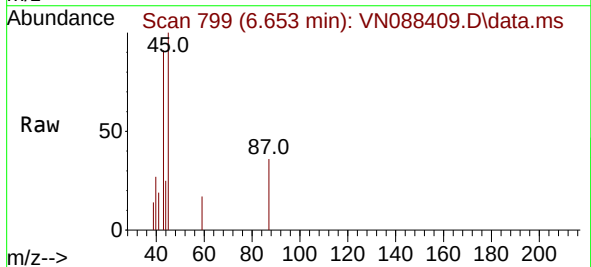
Manual Integrations
APPROVED

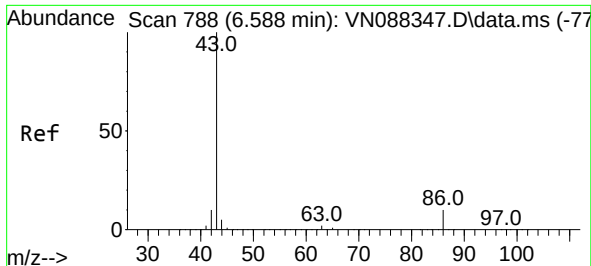
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#22
Diisopropyl ether
Concen: 0.418 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion: 45 Resp: 5122
Ion Ratio Lower Upper
45 100
43 91.2 47.4 71.2#
87 35.5 21.9 32.9#
59 17.3 9.4 14.2#





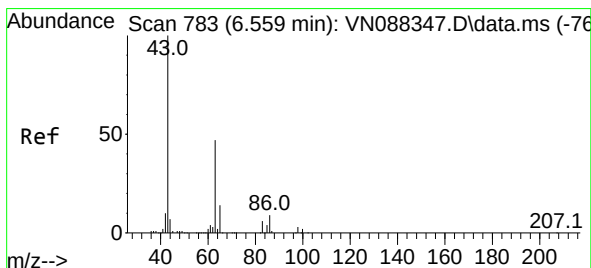
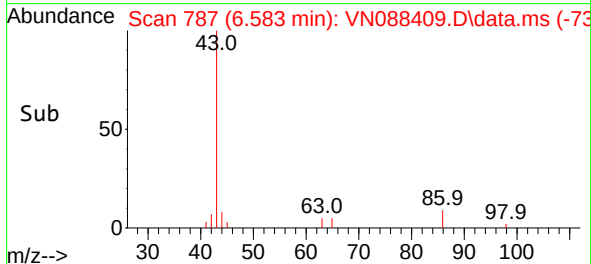
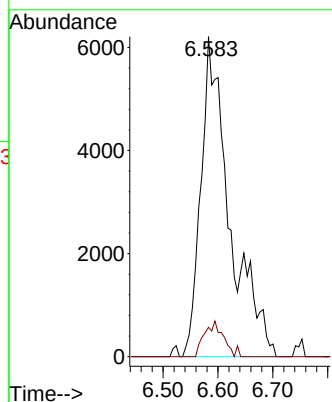
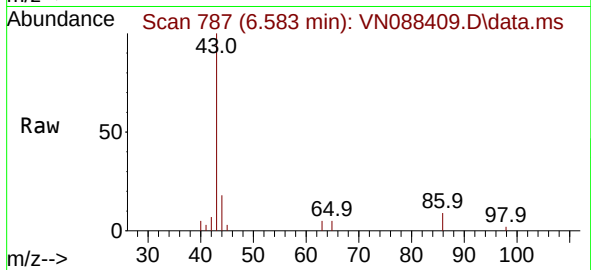
#23
 Vinyl Acetate
 Concen: 2.290 ug/l m
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN088409.D
 Acq: 02 Dec 2025 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 2258
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

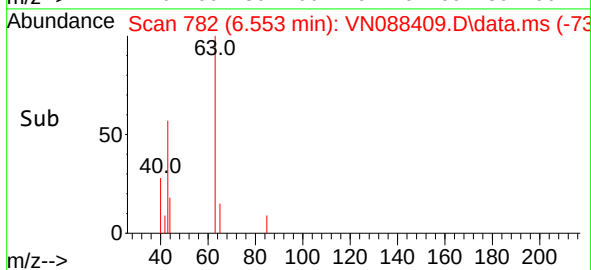
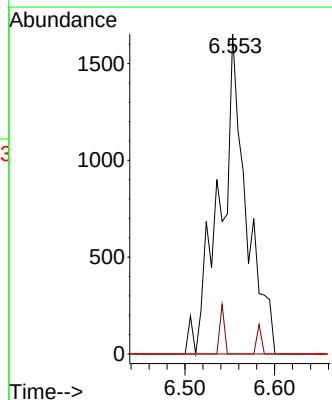
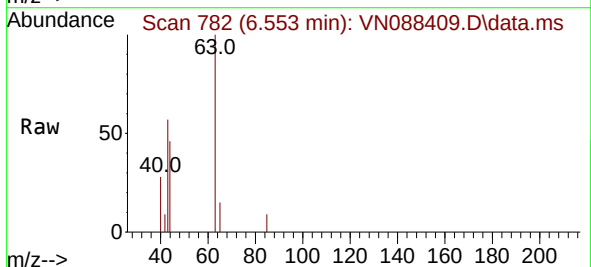
Manual Integrations
 APPROVED

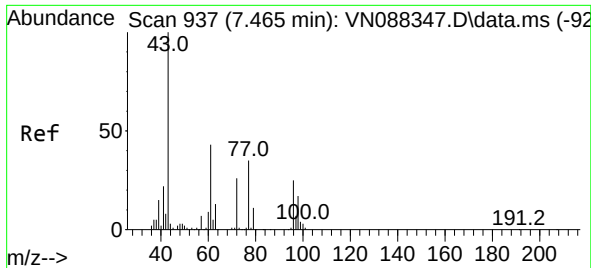
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#24
 1,1-Dichloroethane
 Concen: 0.492 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088409.D
 Acq: 02 Dec 2025 15:22

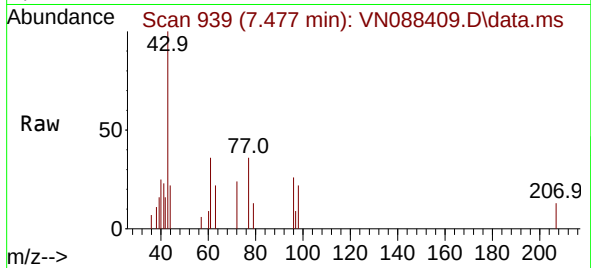
Tgt Ion: 63 Resp: 3412
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 1.9 5.7#





#25
2-Butanone
Concen: 2.514 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

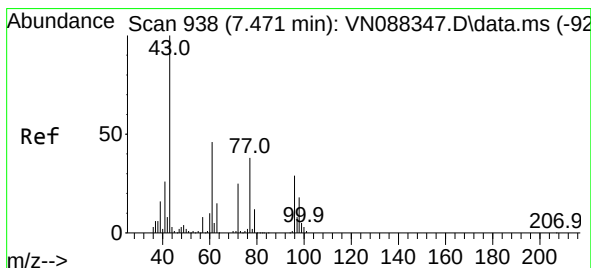
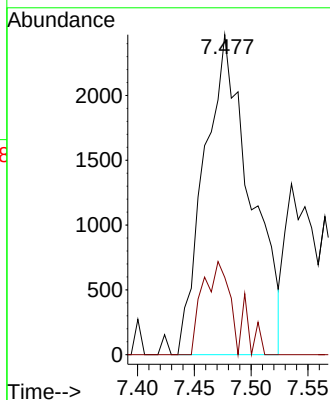
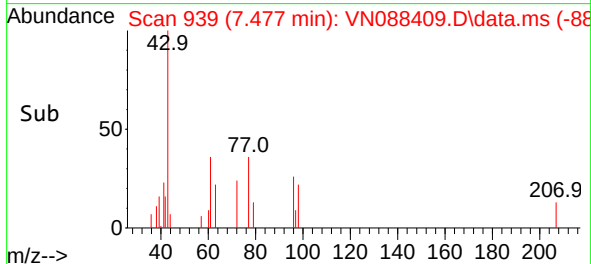
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 6984
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7

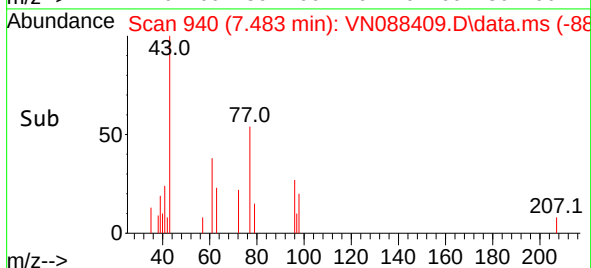
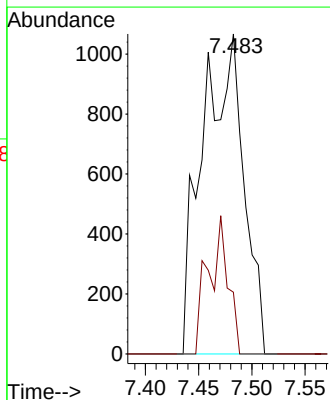
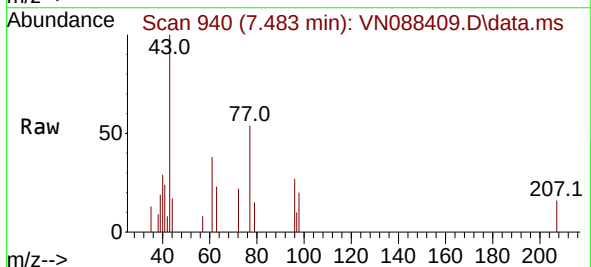
Manual Integrations
APPROVED

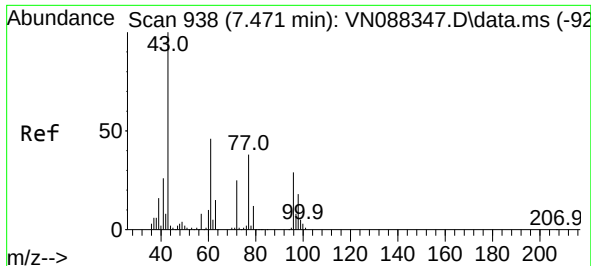
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#26
2,2-Dichloropropane
Concen: 0.480 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

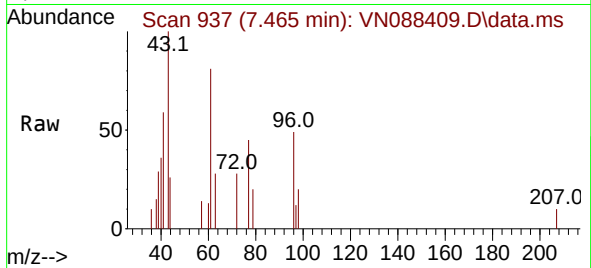
Tgt Ion: 77 Resp: 2871
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 0.463 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088409.D
 Acq: 02 Dec 2025 15:22

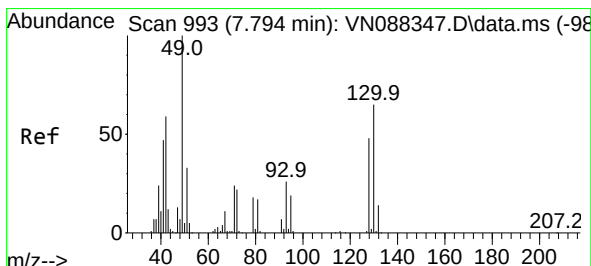
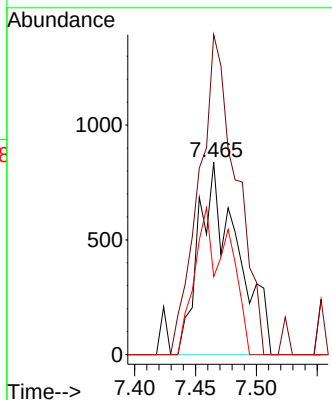
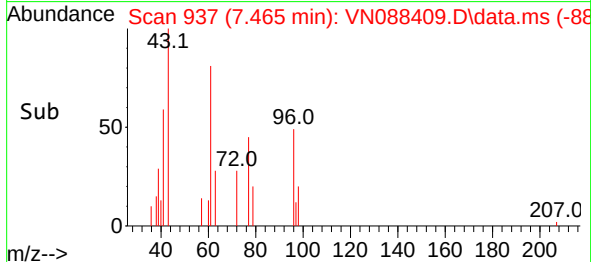
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 1844
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 323.6
 98 45.2 0.0 127.2

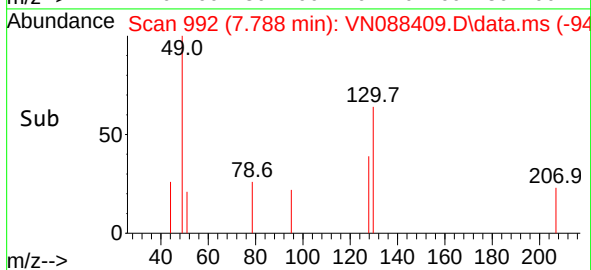
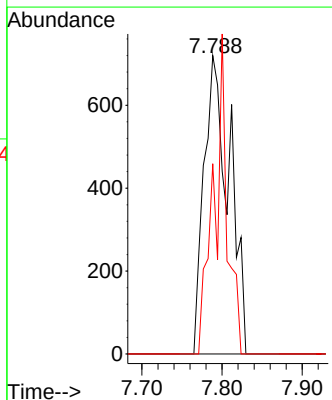
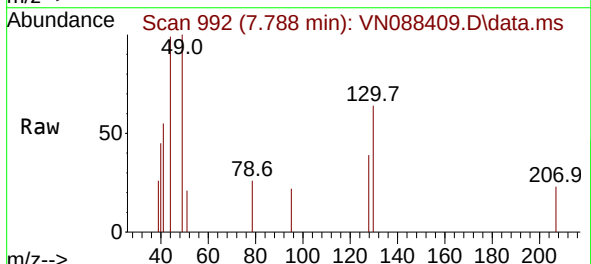
Manual Integrations
 APPROVED

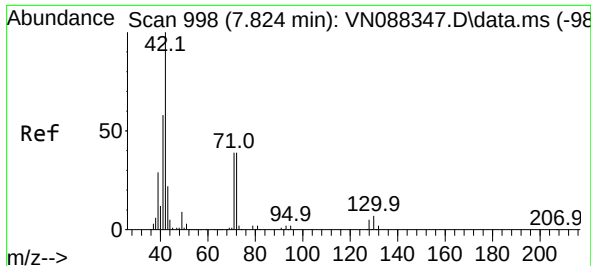
Reviewed By :John Carlone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025



#28
 Bromochloromethane
 Concen: 0.457 ug/l m
 RT: 7.788 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VN088409.D
 Acq: 02 Dec 2025 15:22

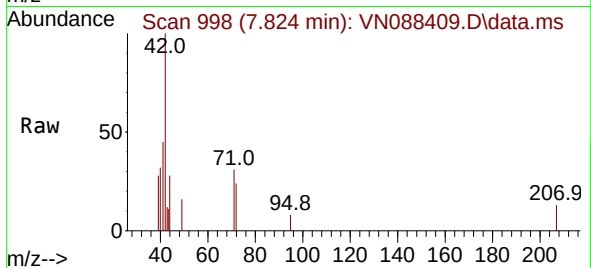
Tgt Ion: 49 Resp: 1579
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 56.2 51.1 76.7





#29
Tetrahydrofuran
Concen: 2.029 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

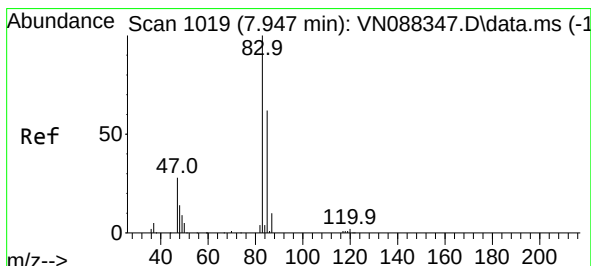
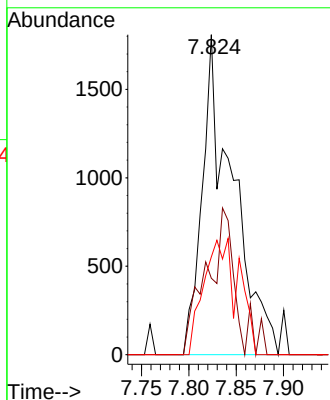
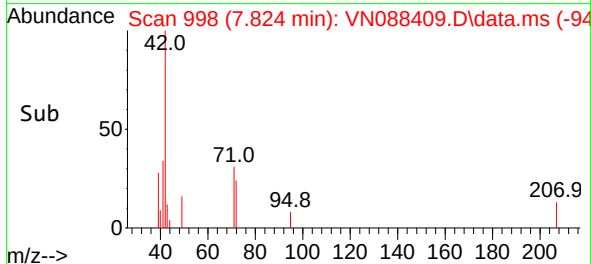
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 42 Resp: 404
Ion Ratio Lower Upper
42 100
72 39.3 32.2 48.4
71 31.5 31.1 46.7

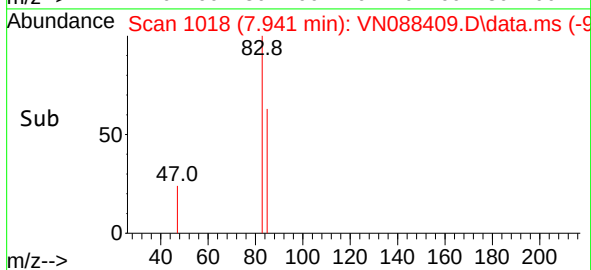
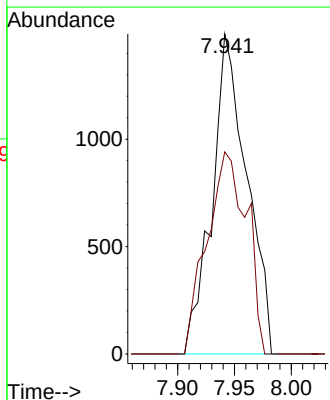
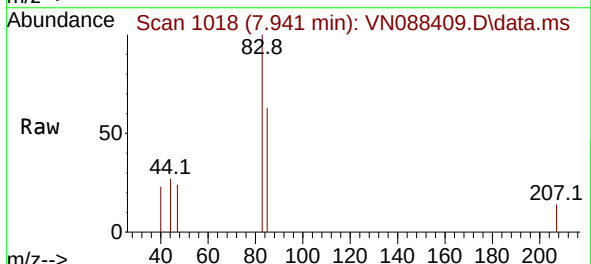
Manual Integrations
APPROVED

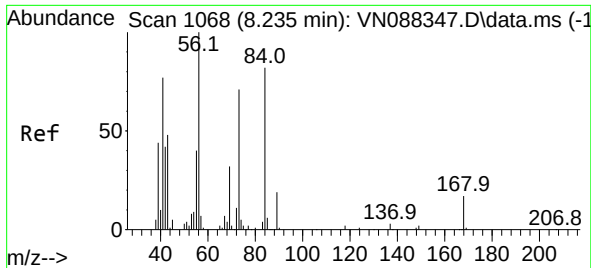
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#30
Chloroform
Concen: 0.466 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

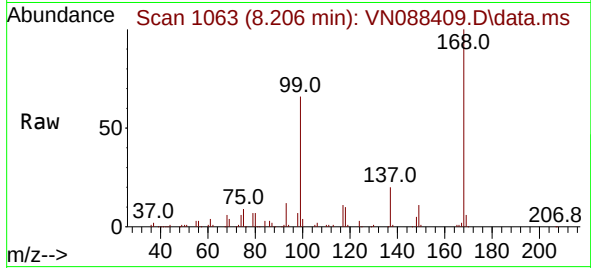
Tgt Ion: 83 Resp: 3176
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.8





#31
Cyclohexane
Concen: 1.633 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

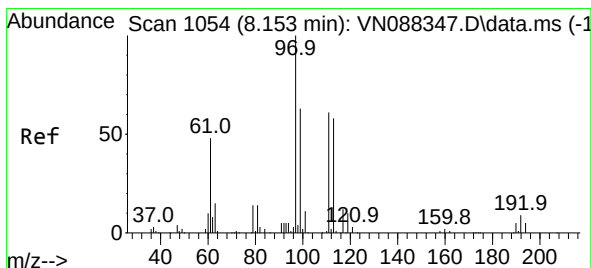
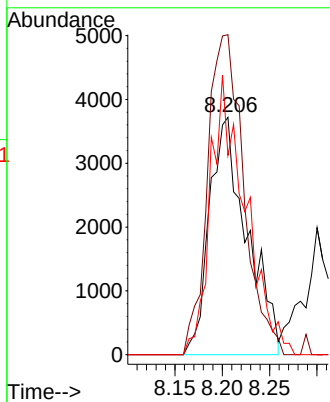
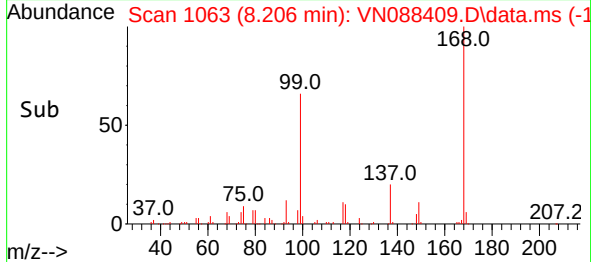
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 1025
Ion Ratio Lower Upper
56 100
69 134.8 25.3 37.9
84 84.0 65.4 98.2

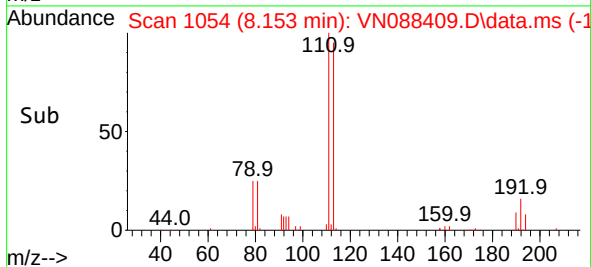
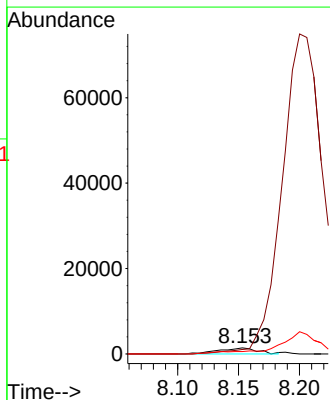
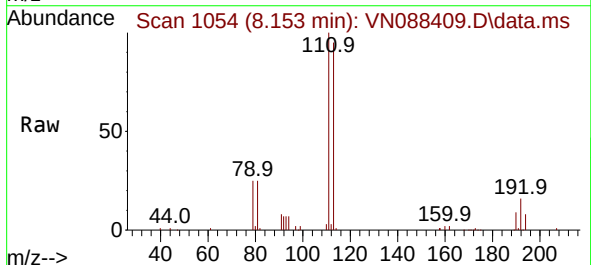
Manual Integrations
APPROVED

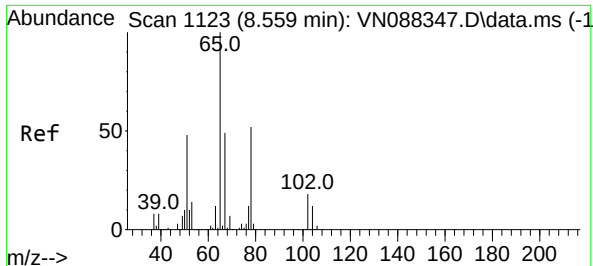
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#32
1,1,1-Trichloroethane
Concen: 0.528 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion: 97 Resp: 3165
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 42.2 63.2#





#33

1,2-Dichloroethane-d4

Concen: 54.376 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 259789

Ion Ratio Lower Upper

65 100

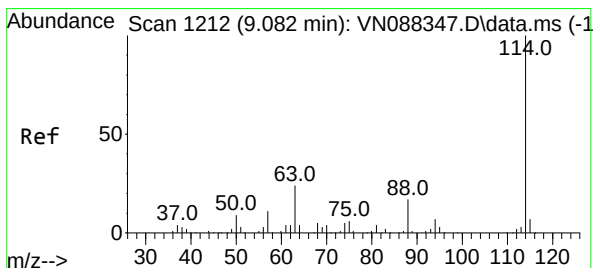
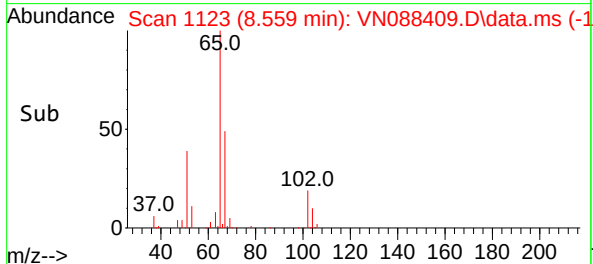
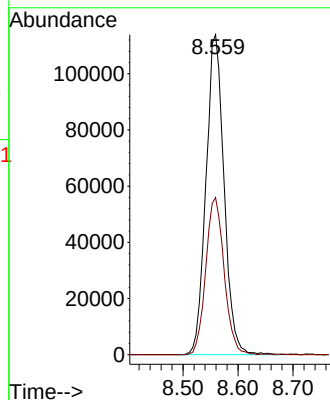
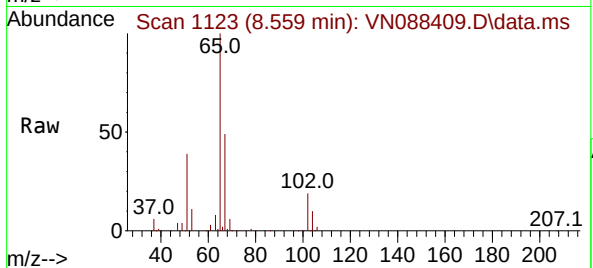
67 49.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

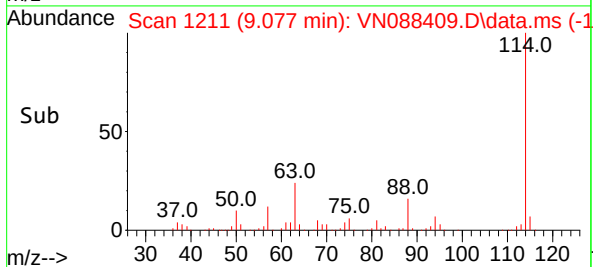
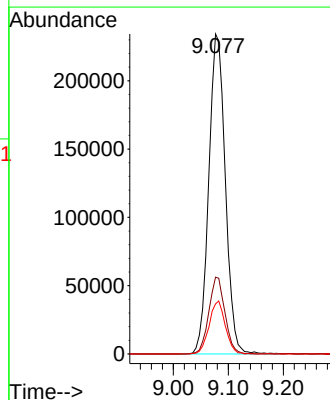
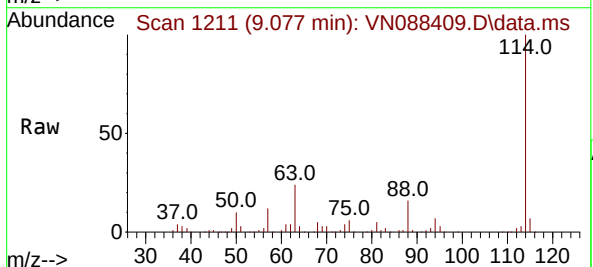
Tgt Ion:114 Resp: 489861

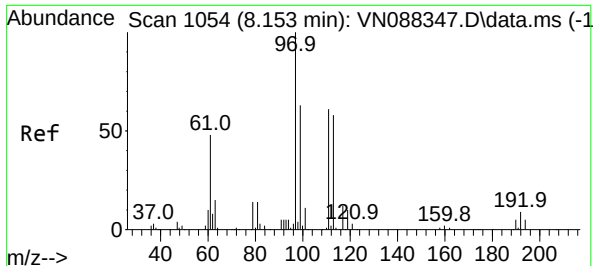
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.0

88 15.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

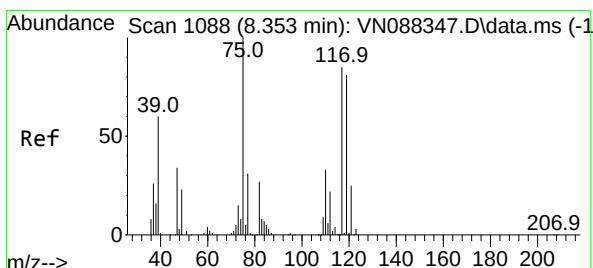
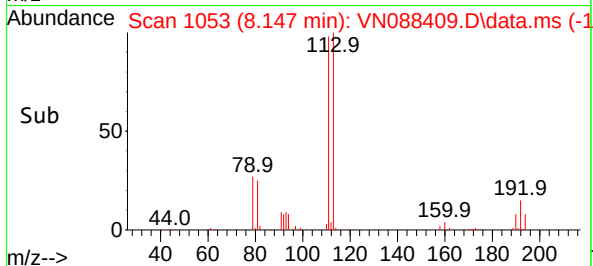
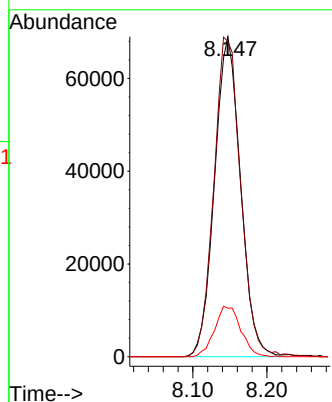
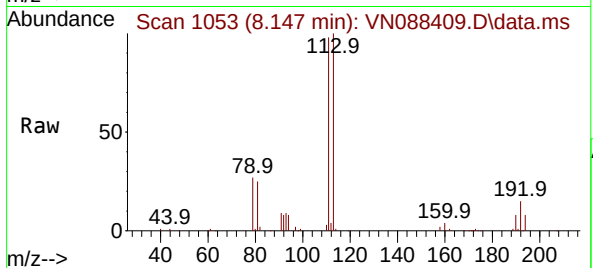
Tgt Ion:	113	Resp:	16810
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.5	123.7
192	15.9	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#36

1,1-Dichloropropene

Concen: 0.435 ug/l

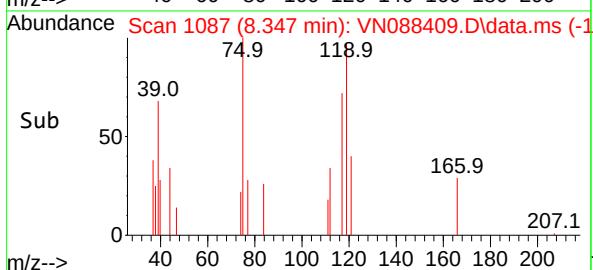
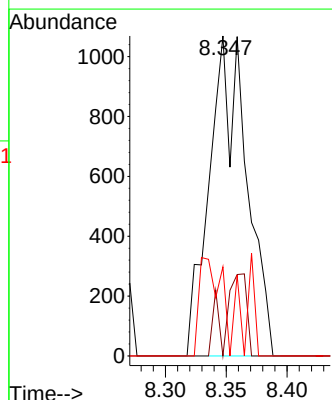
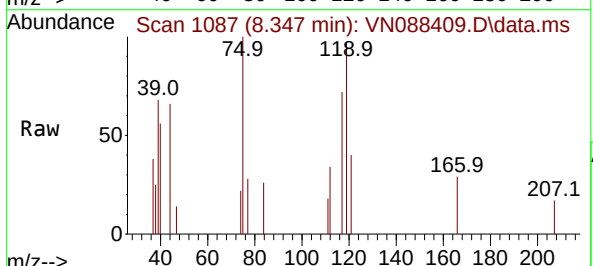
RT: 8.347 min Scan# 1087

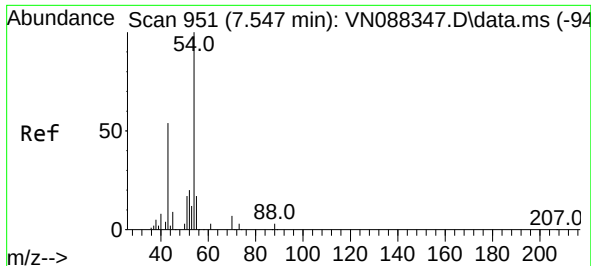
Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Tgt Ion:	75	Resp:	2281
Ion Ratio	Lower	Upper	
75	100		
110	15.3	15.8	47.4#
77	4.2	24.2	36.2#





#37

Ethyl Acetate

Concen: 0.500 ug/l

RT: 7.535 min Scan# 949

Delta R.T. -0.012 min

Lab File: VN088409.D

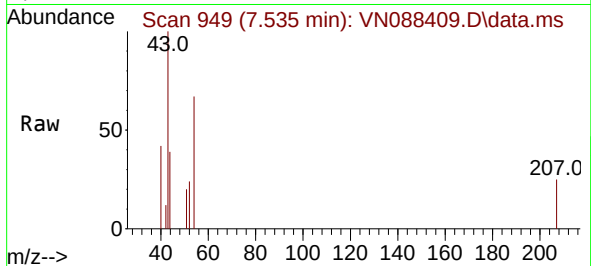
Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



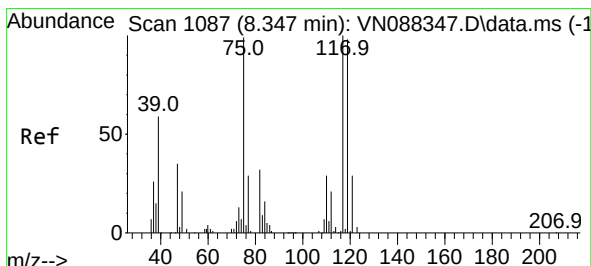
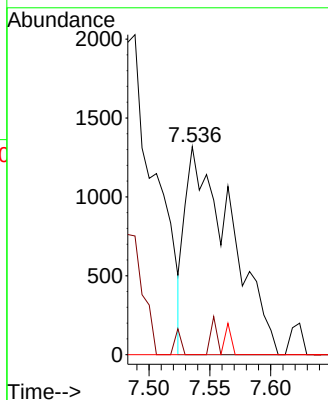
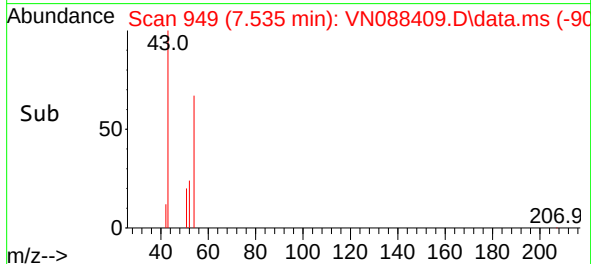
Tgt Ion:	43	Resp:	344
Ion Ratio	Lower	Upper	
43	100		
61	0.0	9.5	14.3
70	0.0	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#38

Carbon Tetrachloride

Concen: 0.463 ug/l

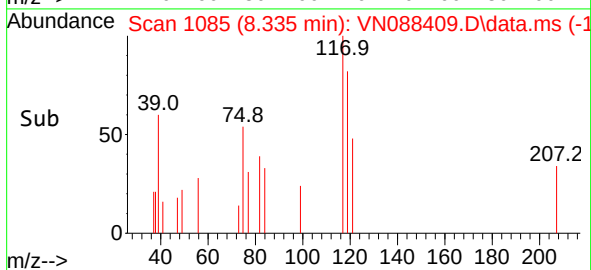
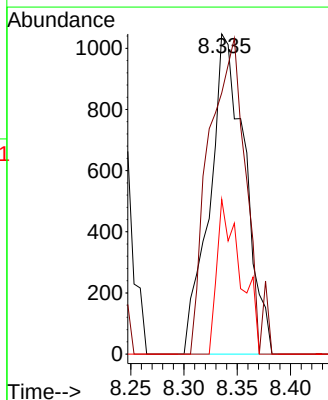
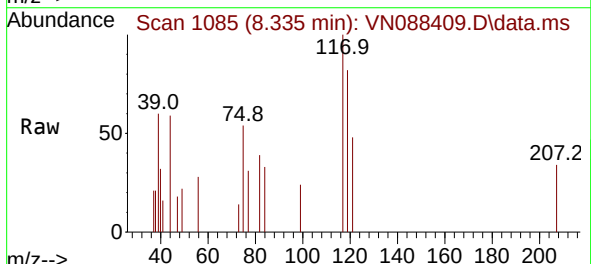
RT: 8.335 min Scan# 1085

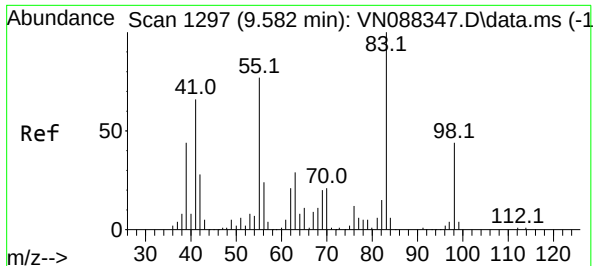
Delta R.T. -0.012 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Tgt Ion:	117	Resp:	2413
Ion Ratio	Lower	Upper	
117	100		
119	81.6	78.2	117.4
121	48.3	23.4	35.2





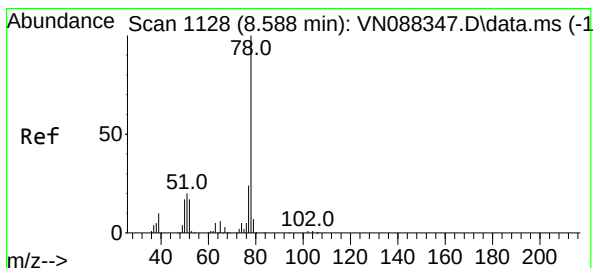
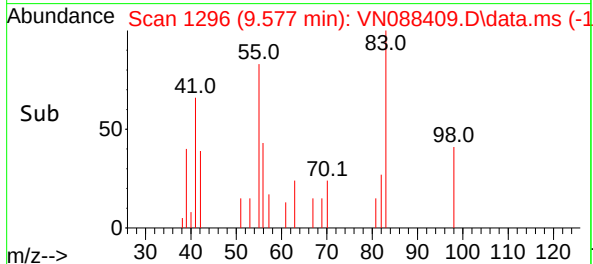
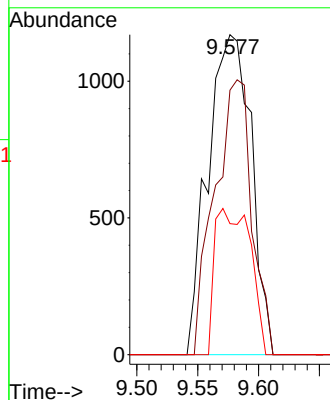
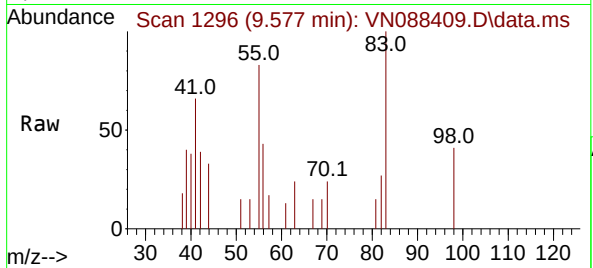
#39
Methylcyclohexane
Concen: 0.516 ug/l
RT: 9.577 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
55 82.6 61.6 92.4
98 40.9 35.3 52.9

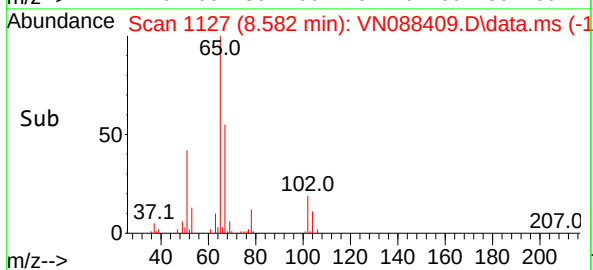
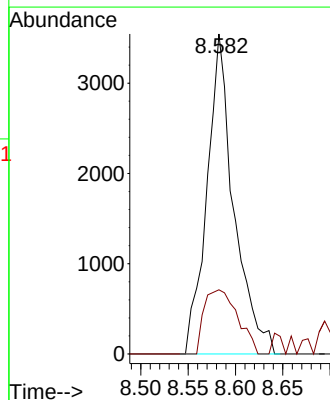
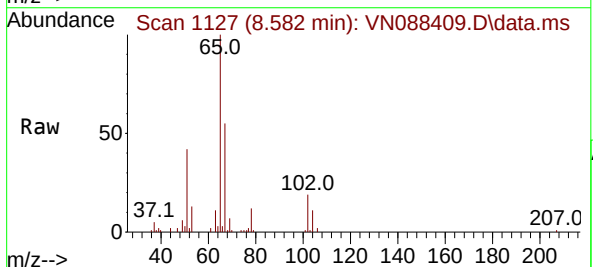
Manual Integrations
APPROVED

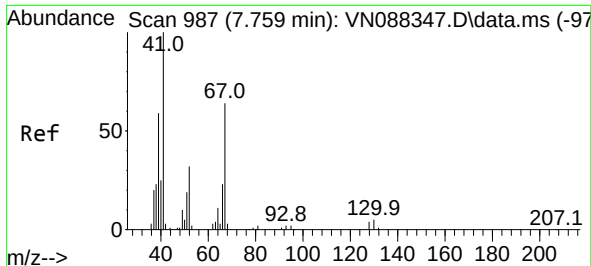
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#40
Benzene
Concen: 0.455 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

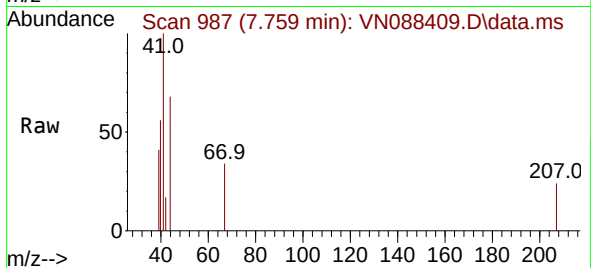
Tgt Ion: 78 Resp: 6999
Ion Ratio Lower Upper
78 100
77 20.1 19.0 28.4





#41
Methacrylonitrile
Concen: 0.564 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

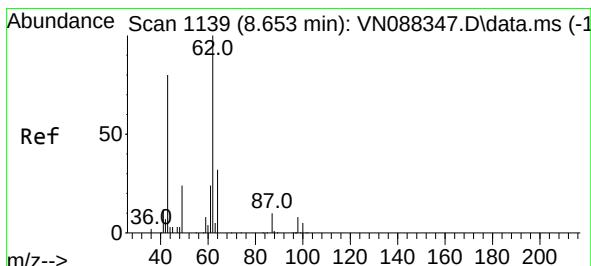
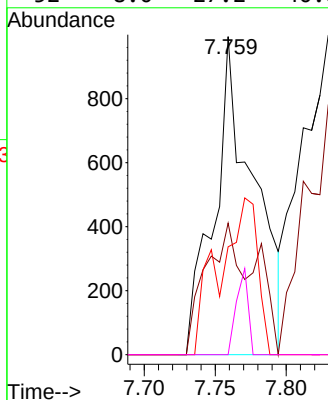
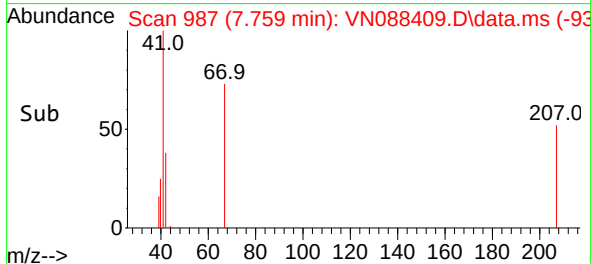
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 1924
Ion Ratio Lower Upper
41 100
39 36.1 46.3 69.5
67 33.6 54.7 82.1
52 8.0 27.2 40.8

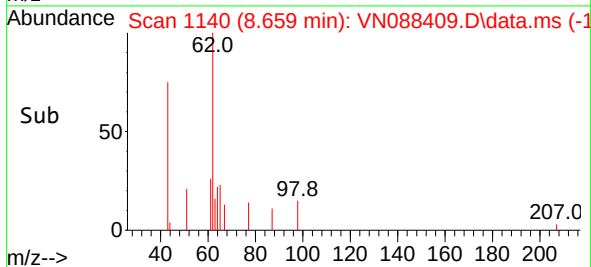
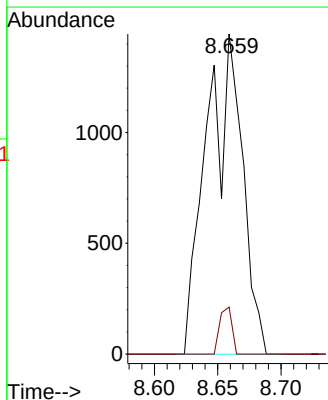
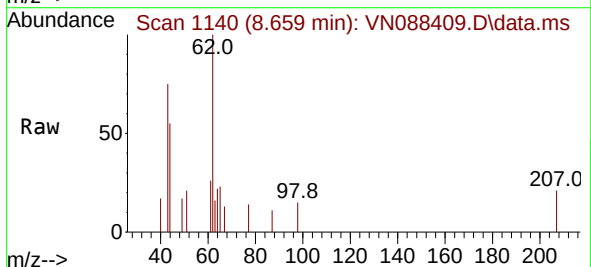
Manual Integrations
APPROVED

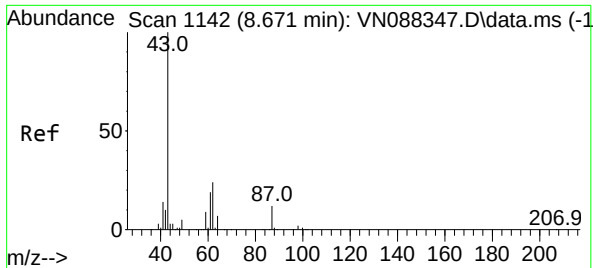
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#42
1,2-Dichloroethane
Concen: 0.486 ug/l m
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

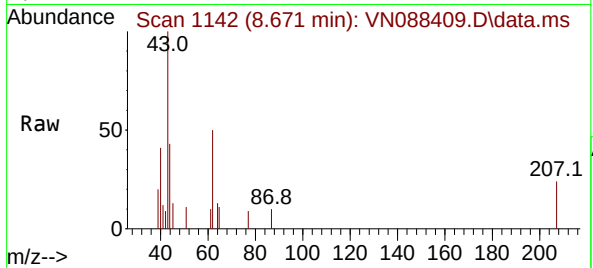
Tgt Ion: 62 Resp: 2850
Ion Ratio Lower Upper
62 100
98 4.9 0.0 16.2





#43
Isopropyl Acetate
Concen: 0.411 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

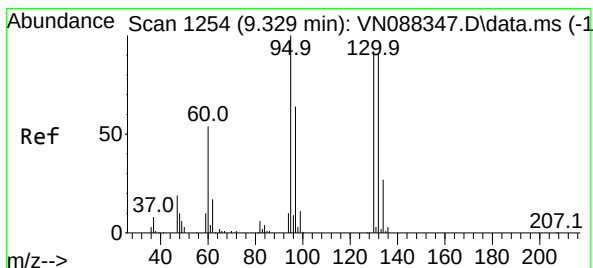
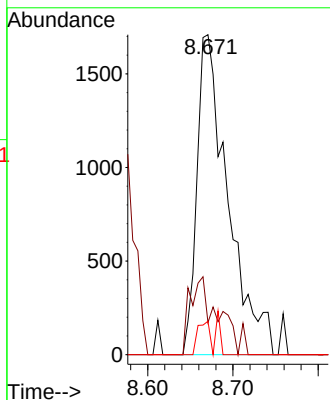
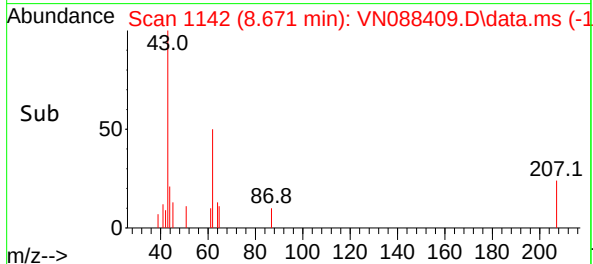
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



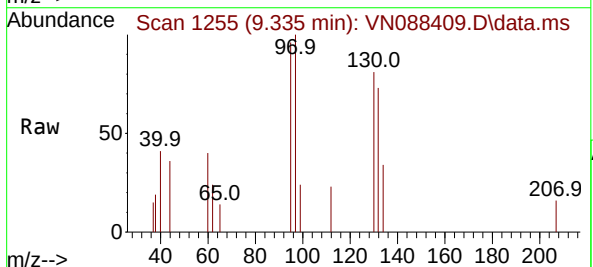
Tgt Ion: 43 Resp: 4324
Ion Ratio Lower Upper
43 100
61 22.7 18.7 28.1
87 4.0 9.1 13.7

Manual Integrations
APPROVED

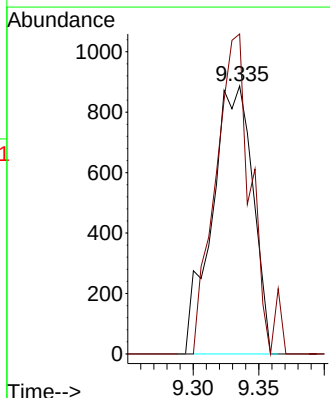
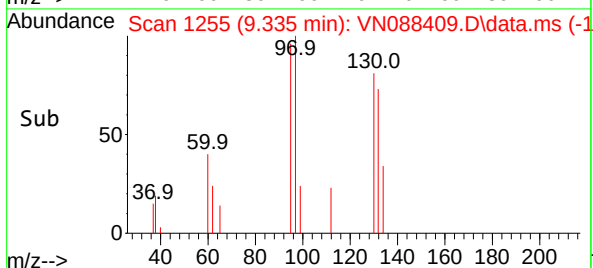
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

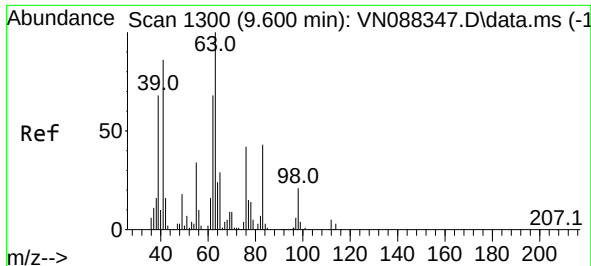


#44
Trichloroethene
Concen: 0.531 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion:130 Resp: 1930
Ion Ratio Lower Upper
130 100
95 119.4 0.0 217.0





#45

1,2-Dichloropropane

Concen: 0.482 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN088409.D

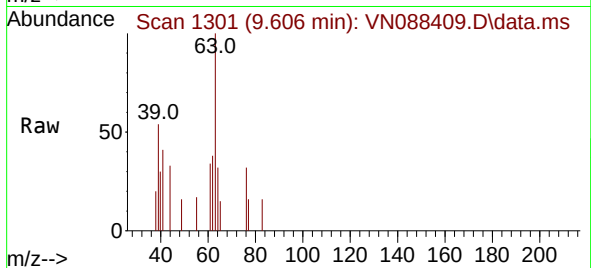
Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 63 Resp: 1900

Ion Ratio Lower Upper

63 100

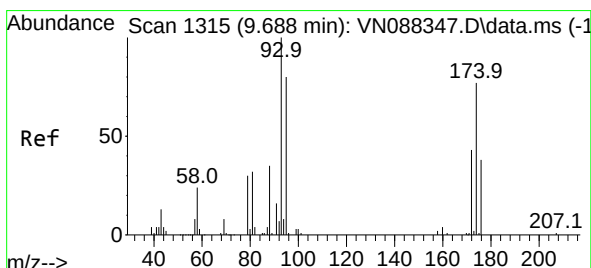
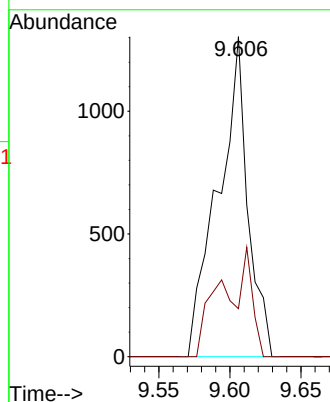
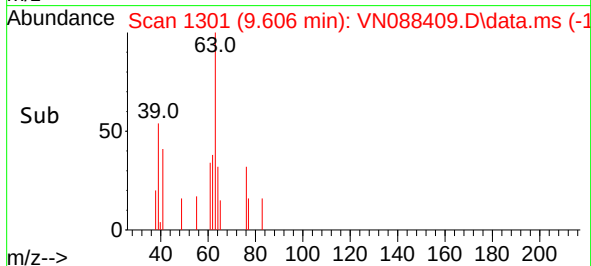
65 15.0 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#46

Dibromomethane

Concen: 0.447 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

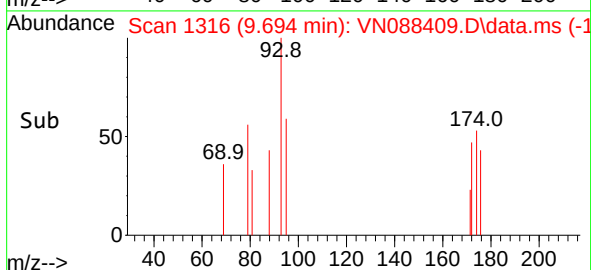
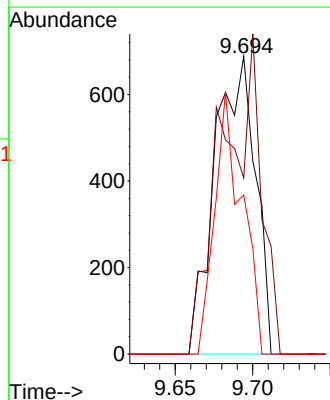
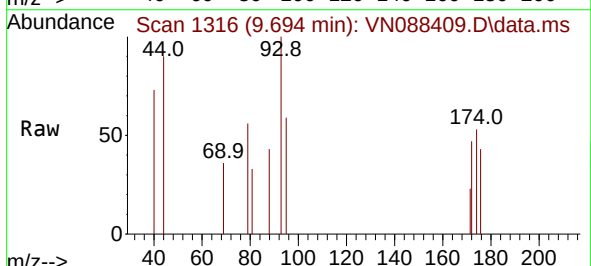
Tgt Ion: 93 Resp: 1257

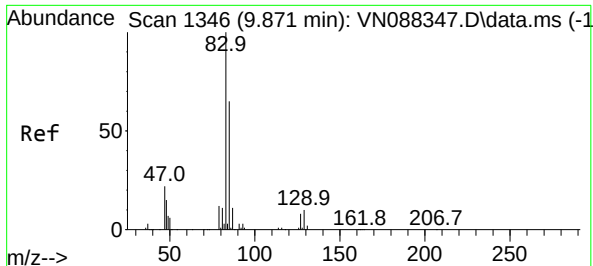
Ion Ratio Lower Upper

93 100

95 65.5 65.8 98.6

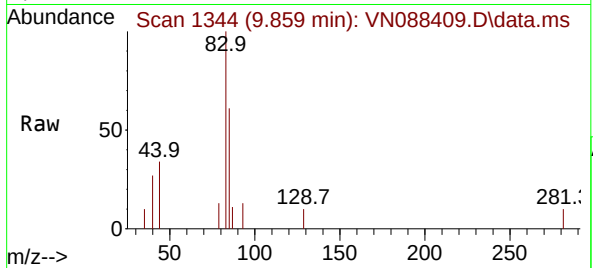
174 58.9 64.3 96.5





#47
Bromodichloromethane
Concen: 0.465 ug/l
RT: 9.859 min Scan# 1344
Delta R.T. -0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

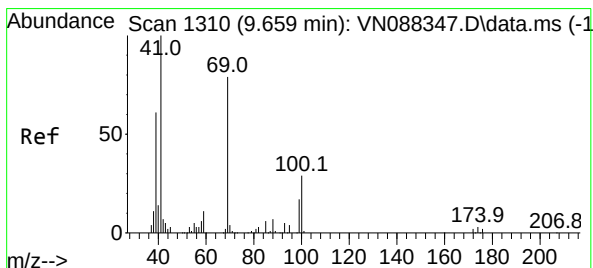
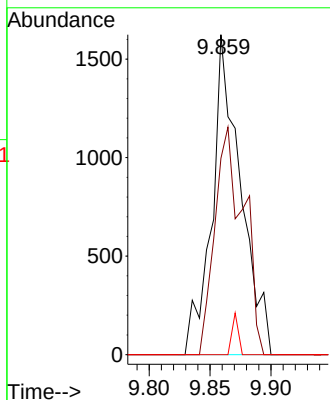
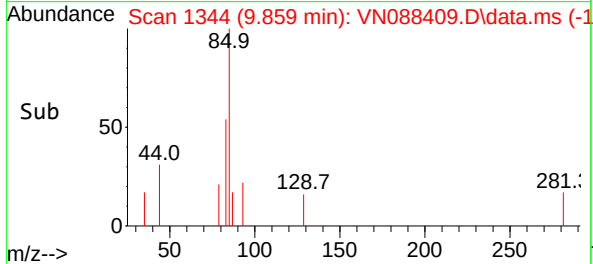
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



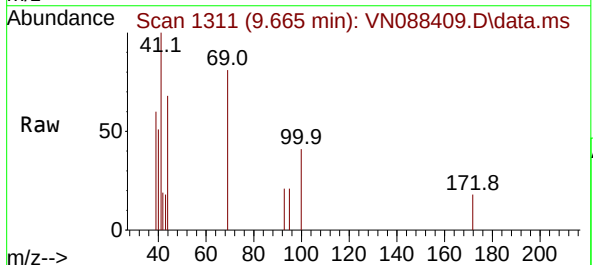
Tgt Ion: 83 Resp: 2670
Ion Ratio Lower Upper
83 100
85 61.3 51.9 77.9
127 0.0 6.3 9.5

Manual Integrations
APPROVED

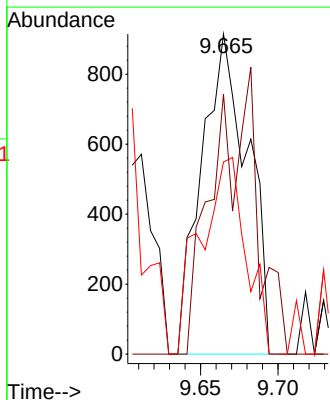
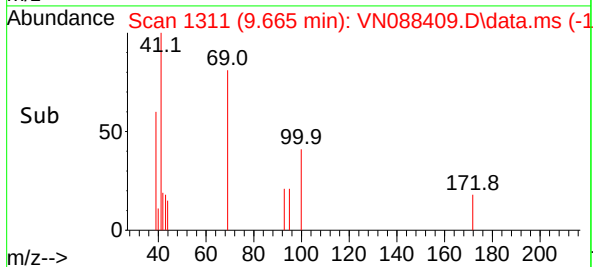
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

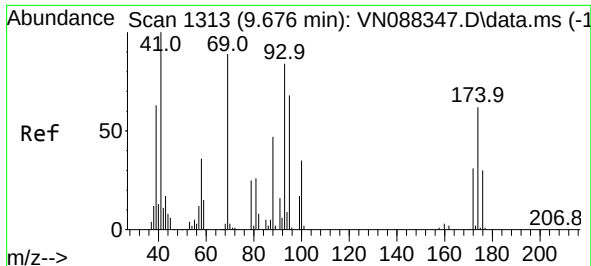


#48
Methyl methacrylate
Concen: 0.395 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion: 41 Resp: 1899
Ion Ratio Lower Upper
41 100
69 44.4 62.4 93.6
39 60.9 52.6 79.0





#49

1,4-Dioxane

Concen: 3.881 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN088409.D

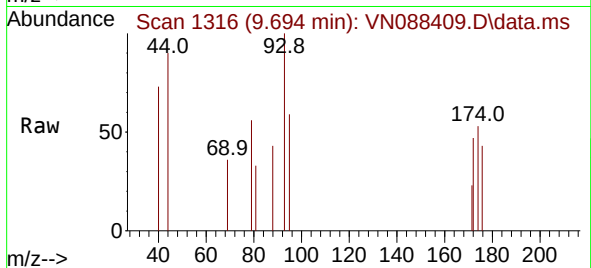
Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



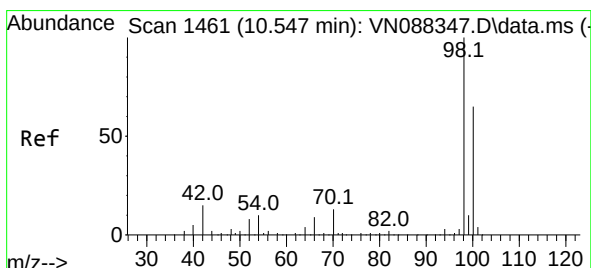
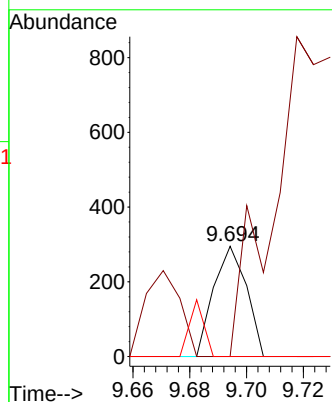
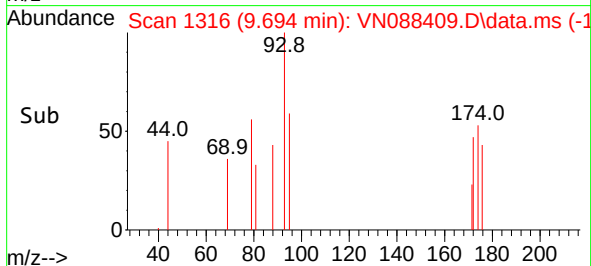
Tgt Ion: 88	Resp: 23
Ion Ratio	Lower Upper
88	100
43	0.0 0.0 0.0
58	22.8 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#50

Toluene-d8

Concen: 47.864 ug/l

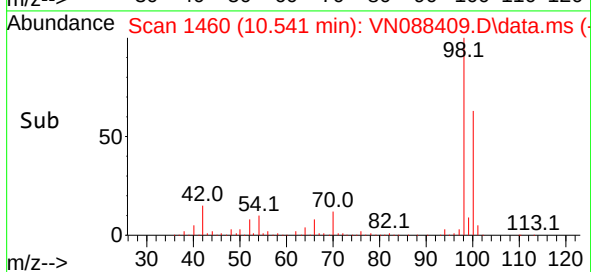
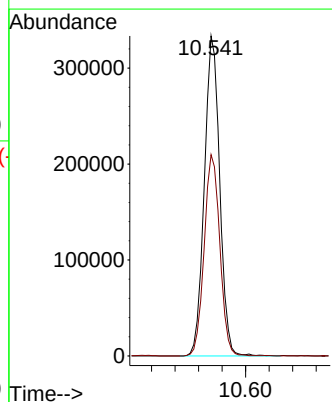
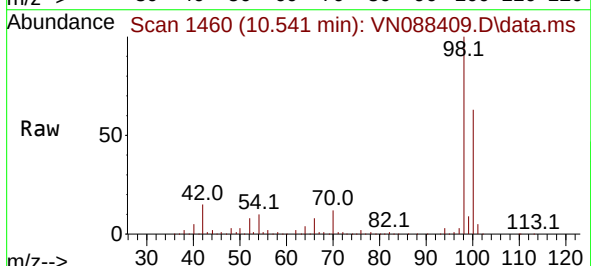
RT: 10.541 min Scan# 1460

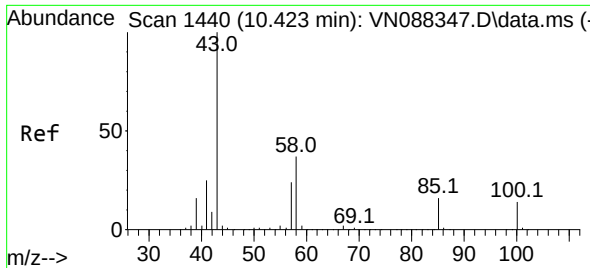
Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

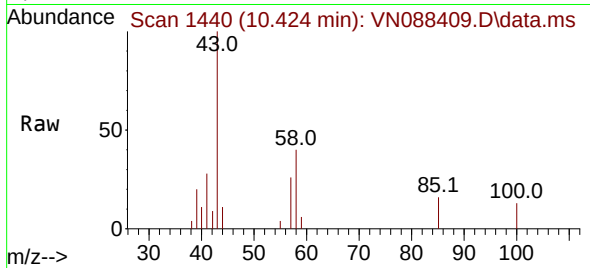
Tgt Ion: 98	Resp: 604575
Ion Ratio	Lower Upper
98	100
100	64.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 1.723 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

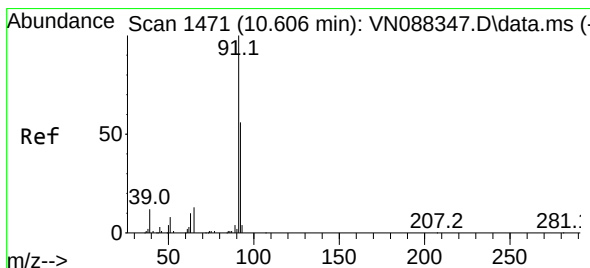
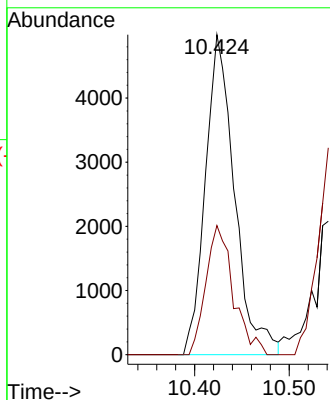
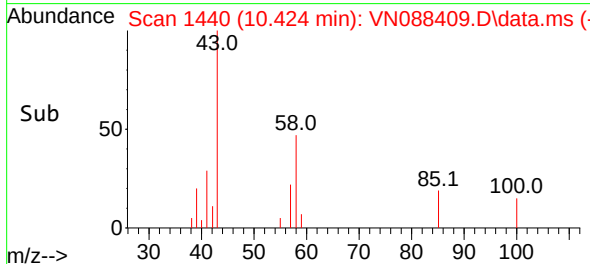
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 10690
Ion Ratio Lower Upper
43 100
58 38.0 29.1 43.7

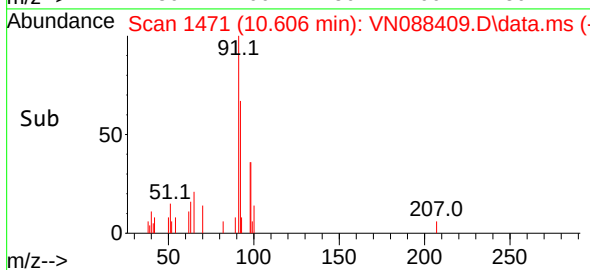
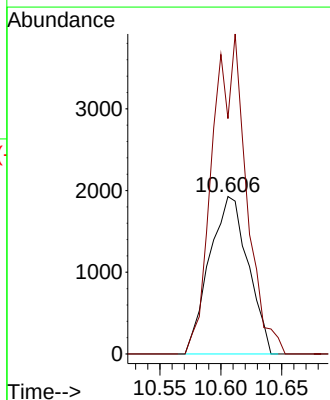
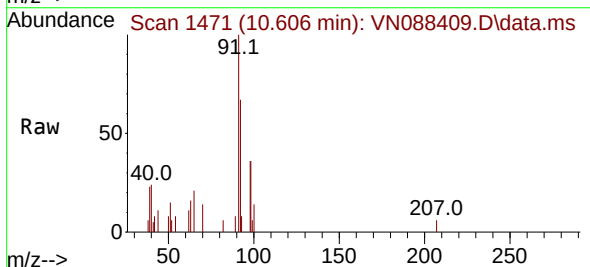
Manual Integrations
APPROVED

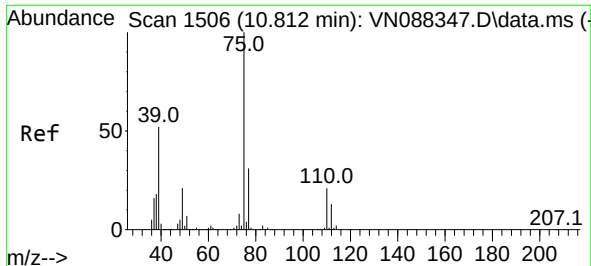
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#52
Toluene
Concen: 0.480 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

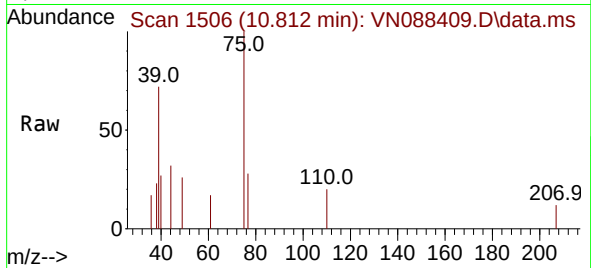
Tgt Ion: 92 Resp: 4261
Ion Ratio Lower Upper
92 100
91 177.2 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 0.378 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

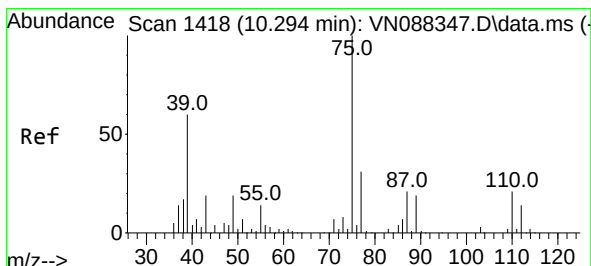
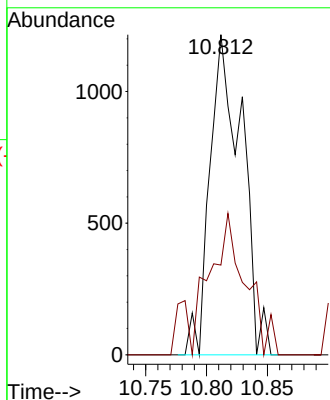
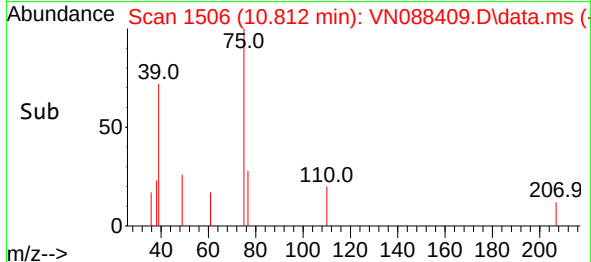
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 2224
Ion Ratio Lower Upper
75 100
77 28.0 24.8 37.2

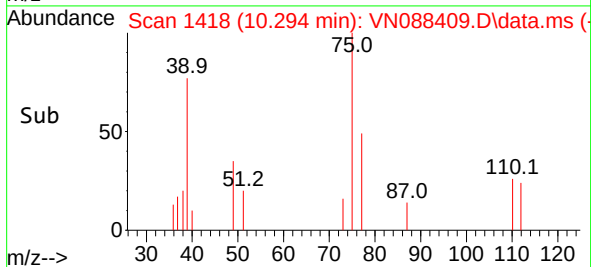
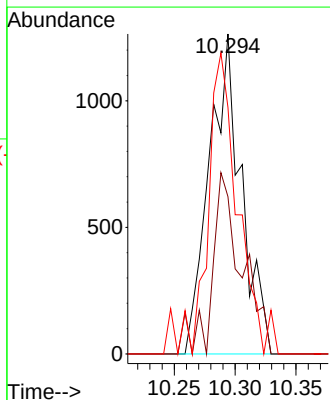
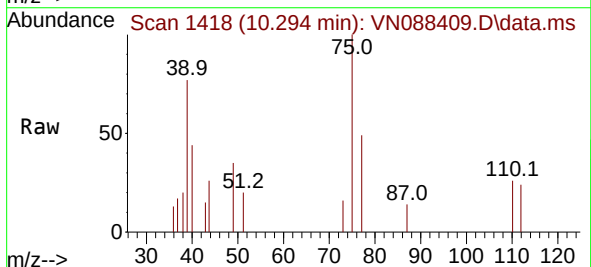
Manual Integrations
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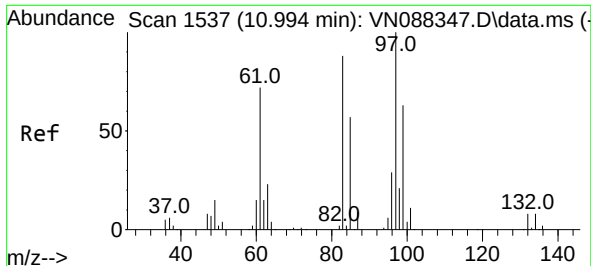
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#54
cis-1,3-Dichloropropene
Concen: 0.374 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

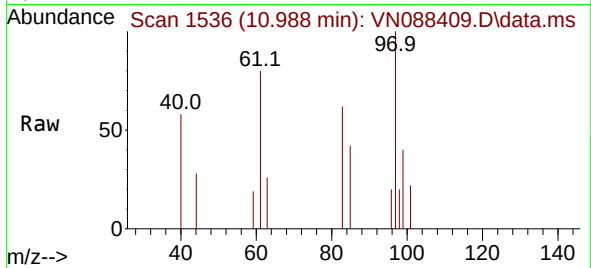
Tgt Ion: 75 Resp: 2318
Ion Ratio Lower Upper
75 100
77 49.1 24.5 36.7#
39 77.1 48.3 72.5#





#55
1,1,2-Trichloroethane
Concen: 0.477 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

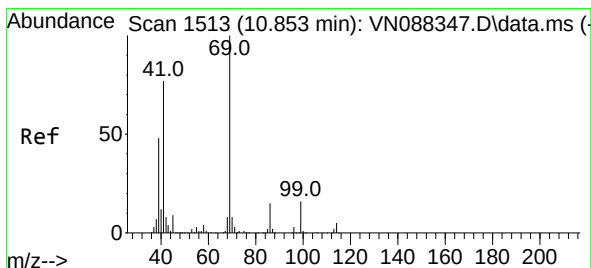
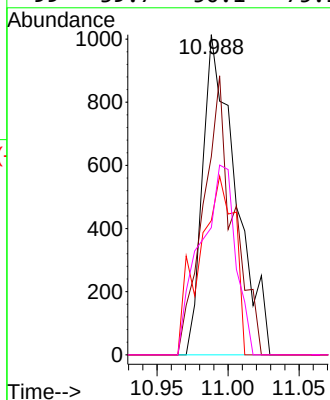
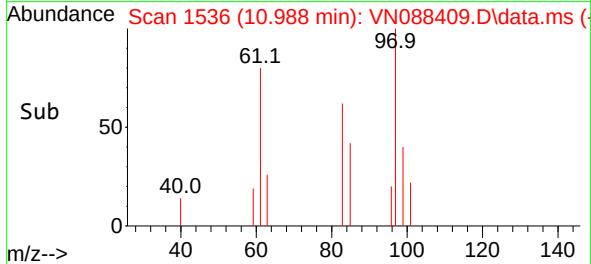
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



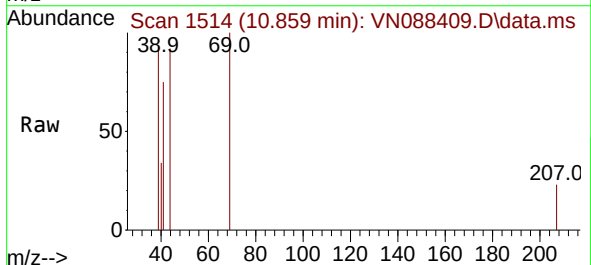
Tgt Ion: 97 Resp: 1638
Ion Ratio Lower Upper
97 100
83 61.9 70.4 105.6
85 41.9 45.4 68.2
99 39.7 50.1 75.1#

Manual Integrations
APPROVED

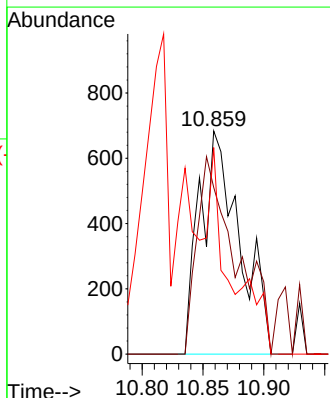
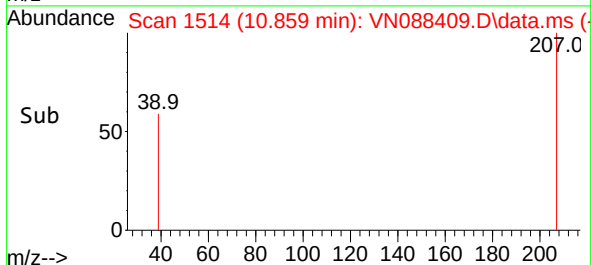
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

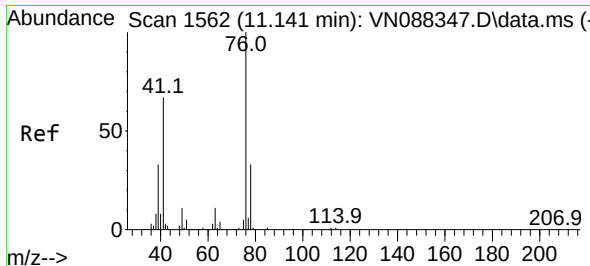


#56
Ethyl methacrylate
Concen: 0.284 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



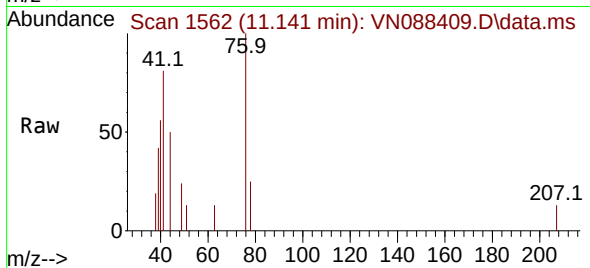
Tgt Ion: 69 Resp: 1540
Ion Ratio Lower Upper
69 100
41 87.9 59.6 89.4
39 55.6 36.4 54.6#





#57
1,3-Dichloropropane
Concen: 0.432 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

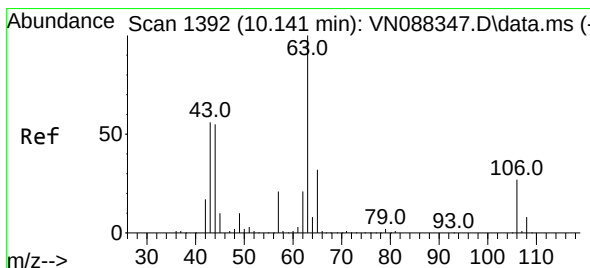
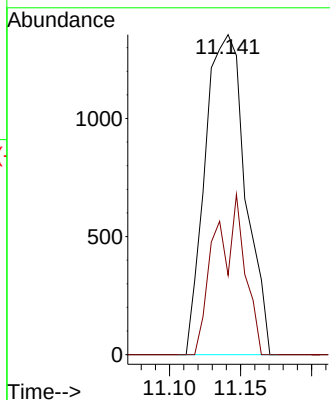
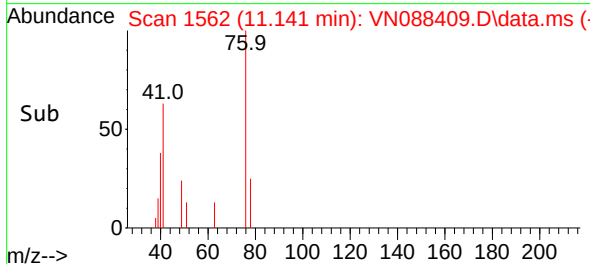
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



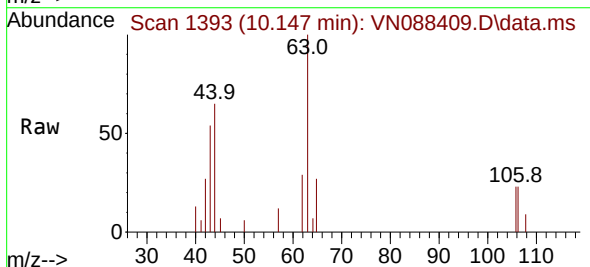
Tgt Ion: 76 Resp: 2680
Ion Ratio Lower Upper
76 100
78 20.3 26.2 39.4

Manual Integrations
APPROVED

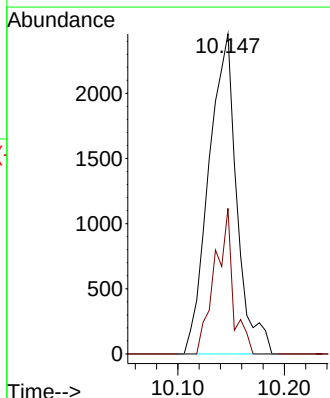
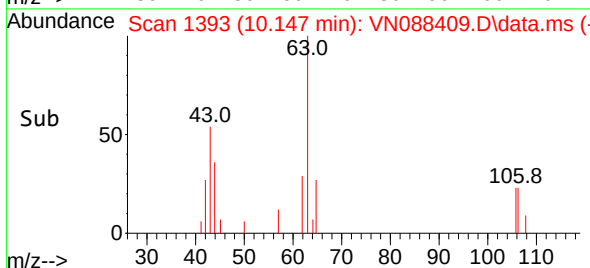
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

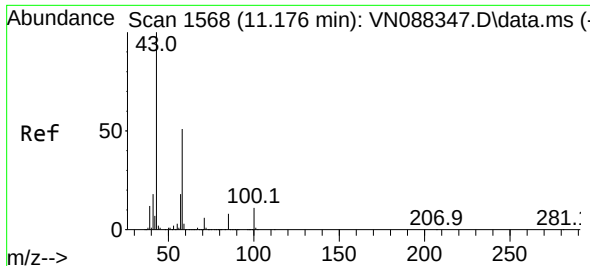


#58
2-Chloroethyl Vinyl ether
Concen: 1.435 ug/l
RT: 10.147 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



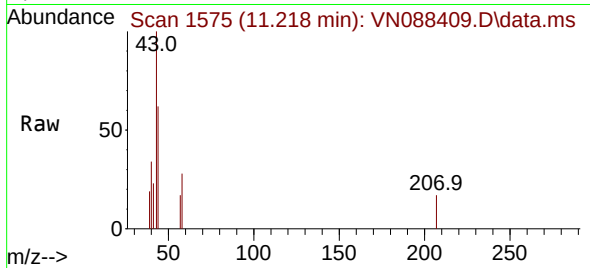
Tgt Ion: 63 Resp: 4490
Ion Ratio Lower Upper
63 100
106 29.6 20.5 30.7





#59
2-Hexanone
Concen: 1.598 ug/l m
RT: 11.218 min Scan# 1575
Delta R.T. 0.041 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

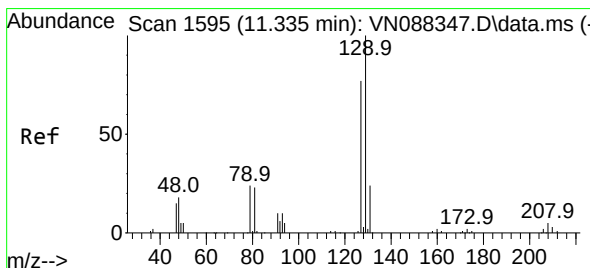
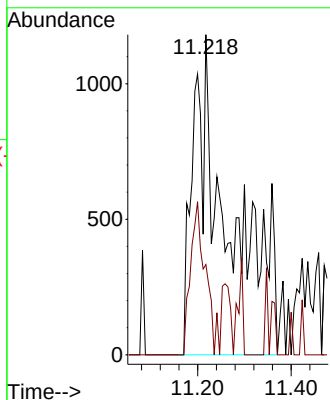
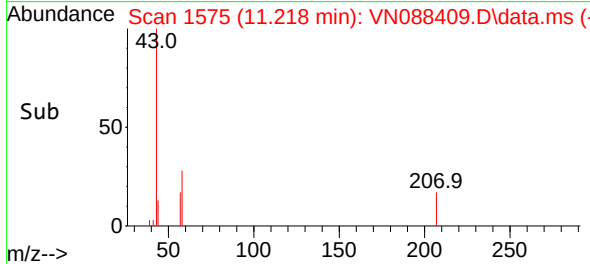
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 19.3 25.3 75.9

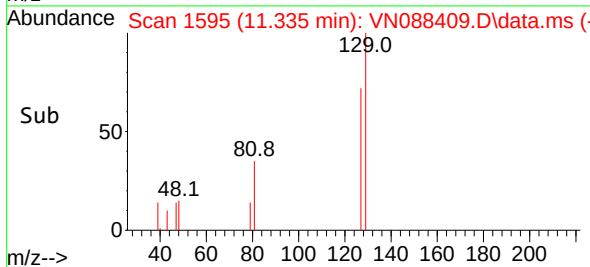
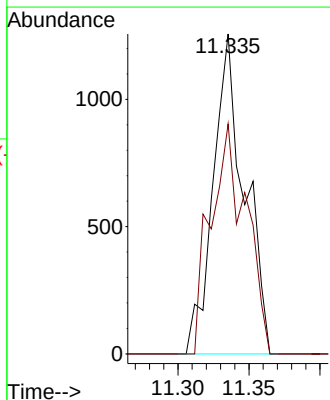
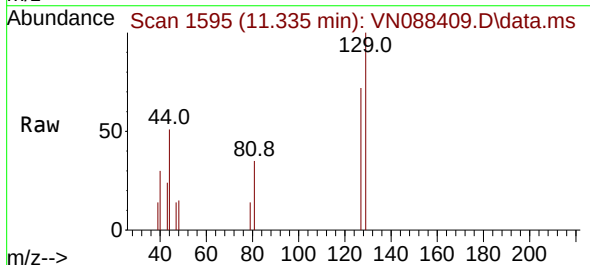
Manual Integrations
APPROVED

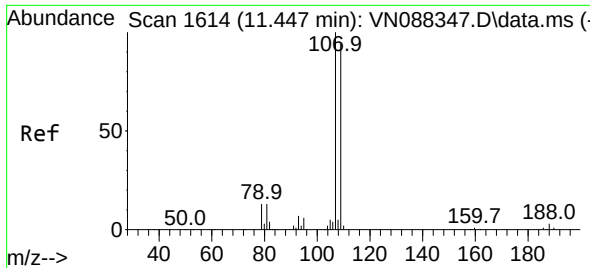
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#60
Dibromochloromethane
Concen: 0.491 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

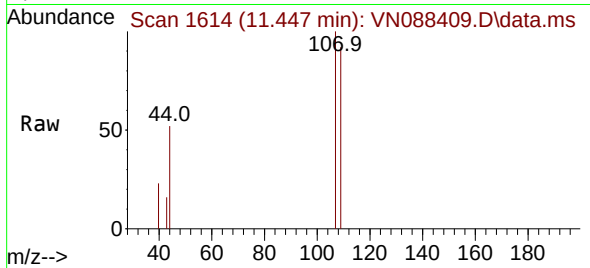
Tgt Ion:129 Resp: 1923
Ion Ratio Lower Upper
129 100
127 81.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 0.472 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

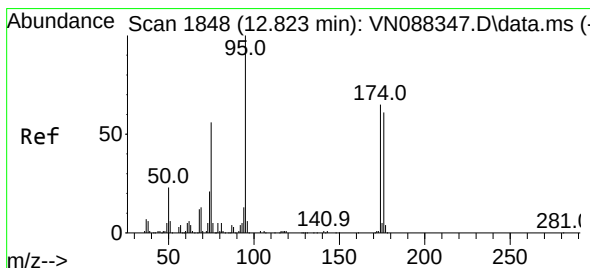
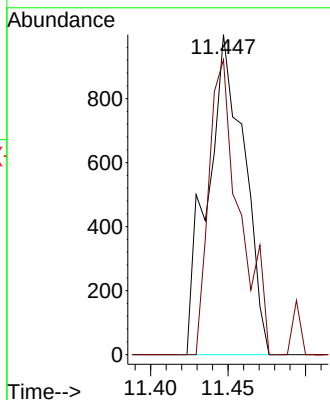
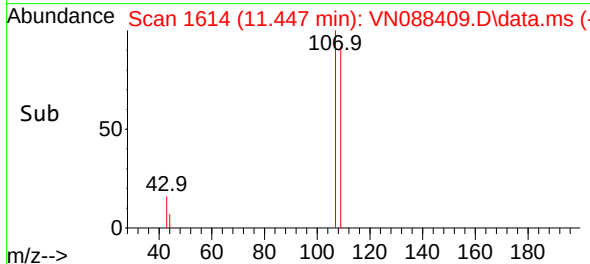
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



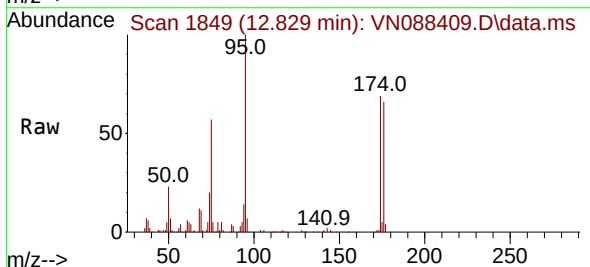
Tgt Ion:107 Resp: 164
Ion Ratio Lower Upper
107 100
109 77.0 74.6 112.0

Manual Integrations
APPROVED

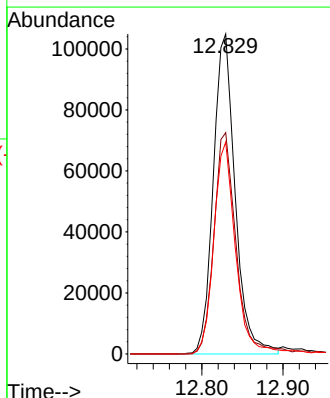
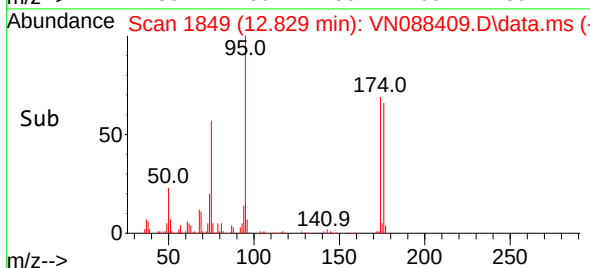
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

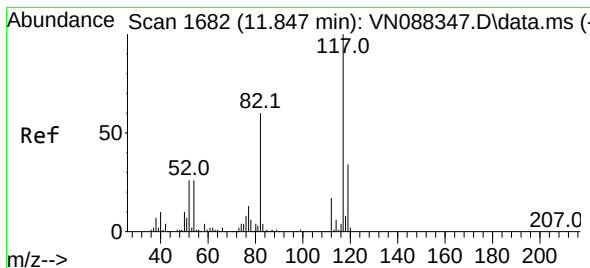


#62
4-Bromofluorobenzene
Concen: 45.470 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion: 95 Resp: 197063
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.0
176 66.2 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:117 Resp: 424220

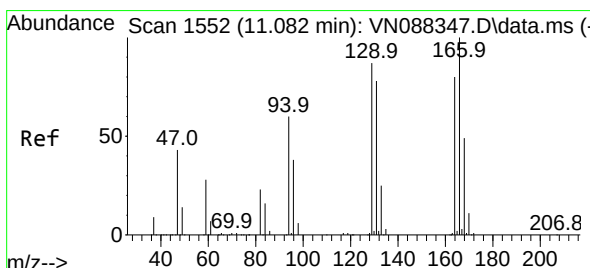
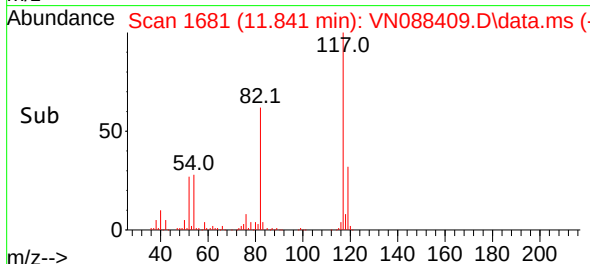
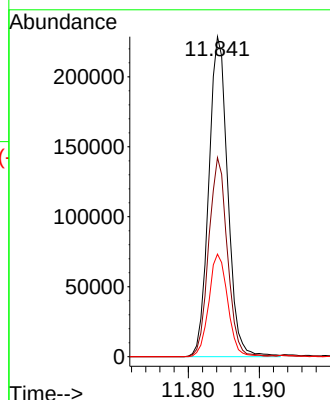
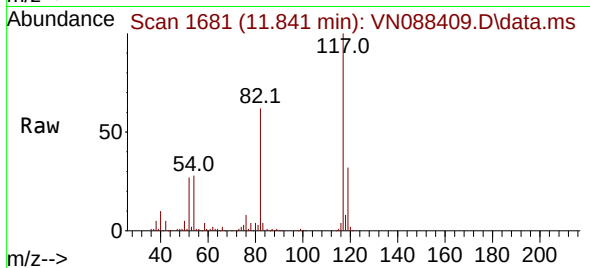
Ion	Ratio	Lower	Upper
117	100		
82	62.2	47.8	71.8
119	32.0	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#64

Tetrachloroethene

Concen: 0.455 ug/l

RT: 11.088 min Scan# 1553

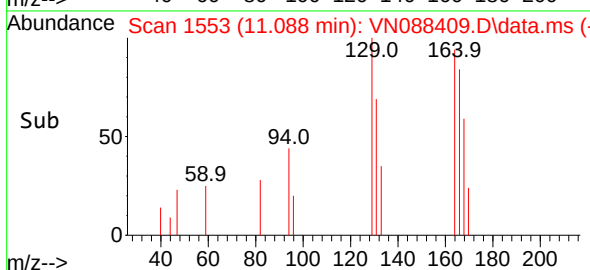
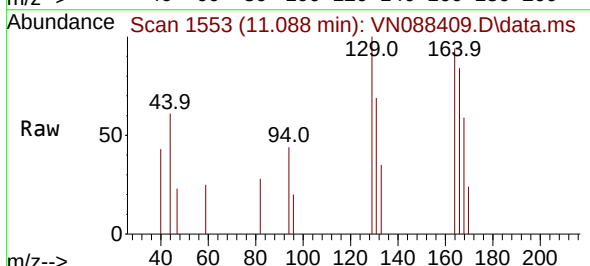
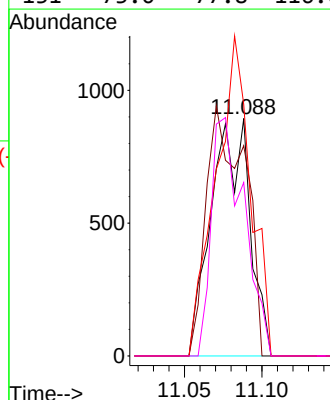
Delta R.T. 0.006 min

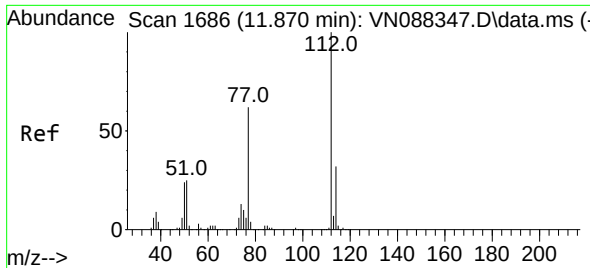
Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Tgt Ion:164 Resp: 1529

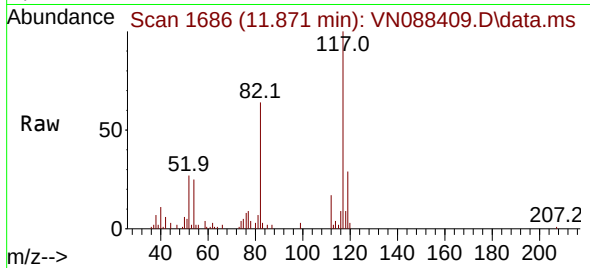
Ion	Ratio	Lower	Upper
164	100		
166	88.6	99.6	149.4#
129	106.0	86.6	129.8
131	73.0	77.8	116.6#





#65
Chlorobenzene
Concen: 0.515 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

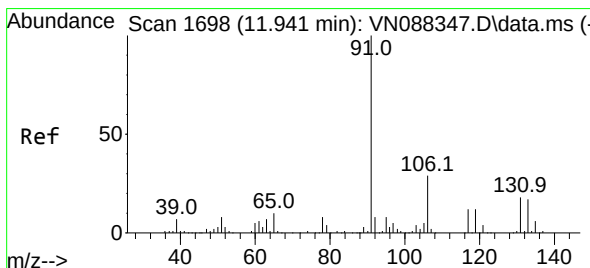
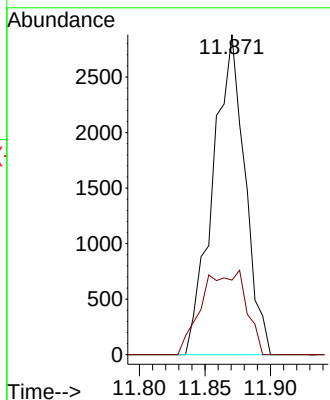
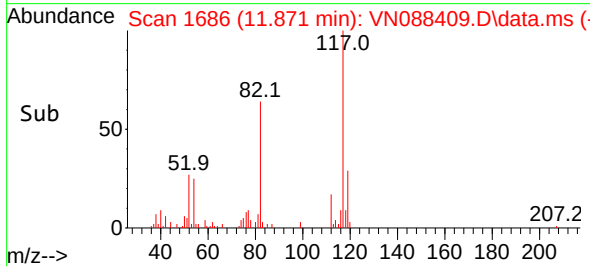
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



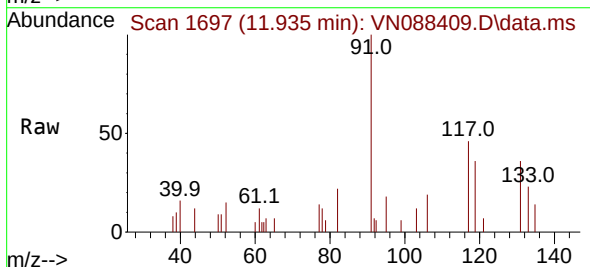
Tgt Ion:112 Resp: 490
Ion Ratio Lower Upper
112 100
114 23.3 25.4 38.2

Manual Integrations
APPROVED

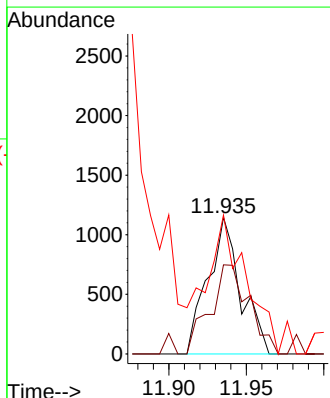
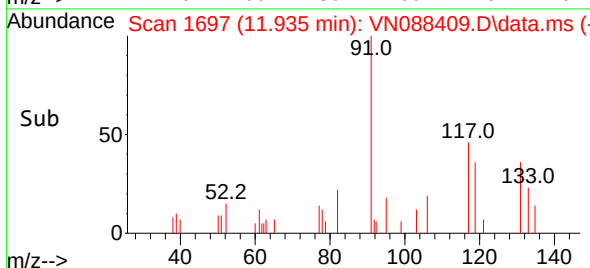
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

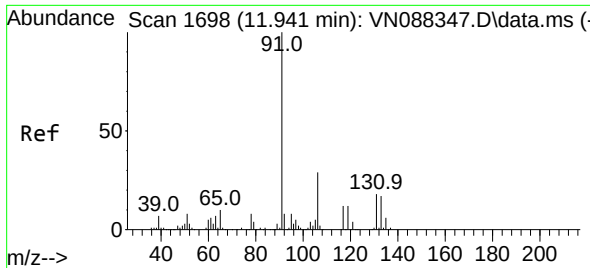


#66
1,1,1,2-Tetrachloroethane
Concen: 0.524 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion:131 Resp: 1685
Ion Ratio Lower Upper
131 100
133 77.3 47.4 142.2
119 0.0 33.4 100.1





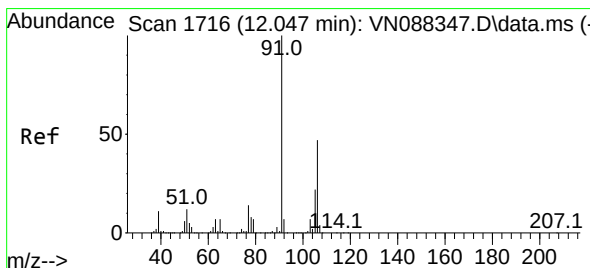
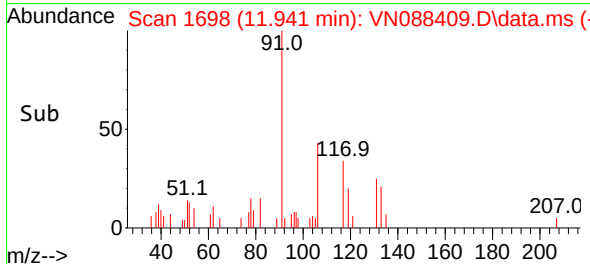
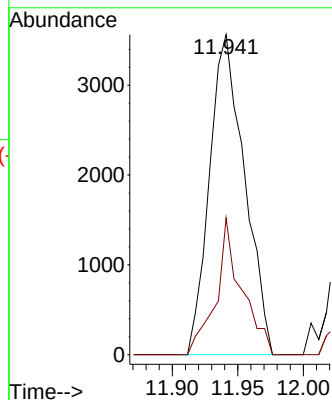
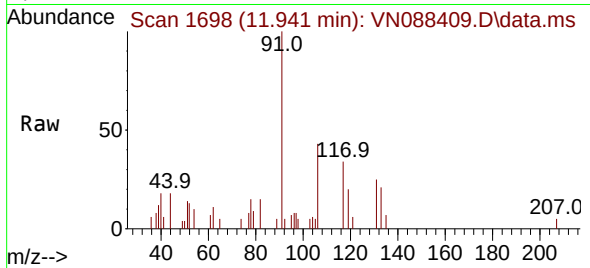
#67
Ethyl Benzene
Concen: 0.397 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 6620
Ion Ratio Lower Upper
91 100
106 42.7 23.6 35.4

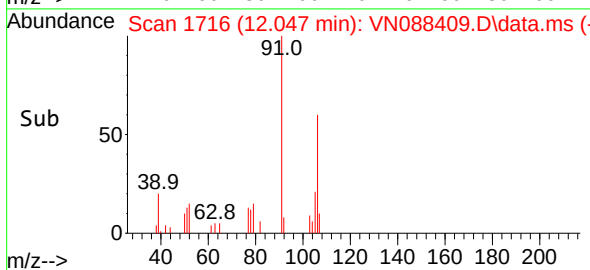
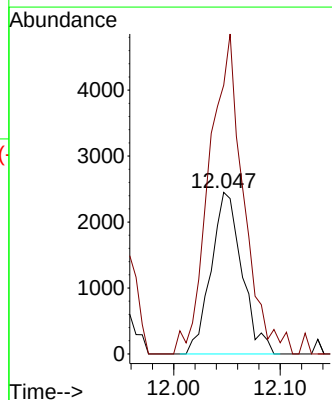
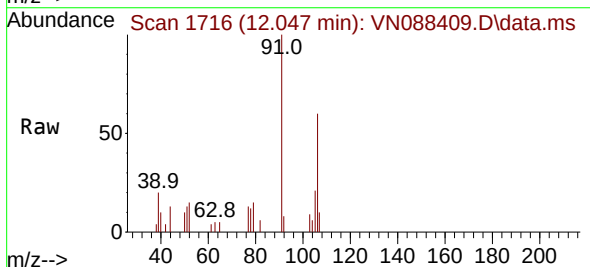
Manual Integrations
APPROVED

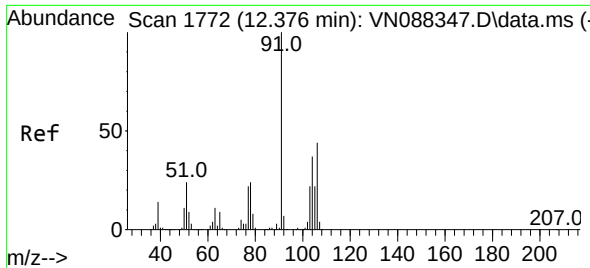
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#68
m/p-Xylenes
Concen: 0.798 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

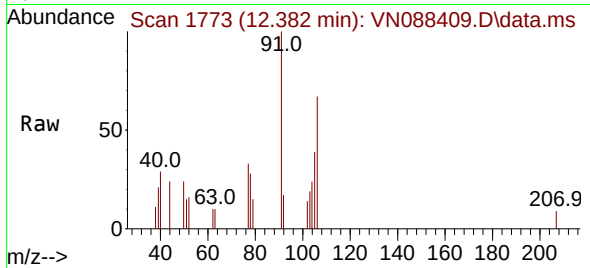
Tgt Ion:106 Resp: 4925
Ion Ratio Lower Upper
106 100
91 219.9 167.8 251.6





#69
o-Xylene
Concen: 0.331 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

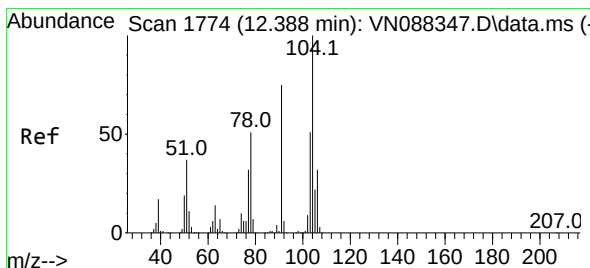
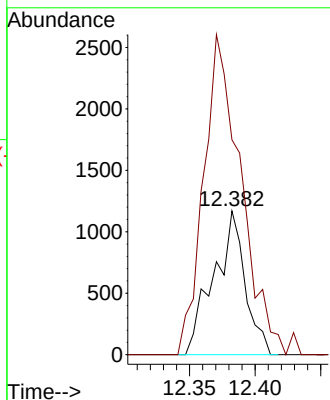
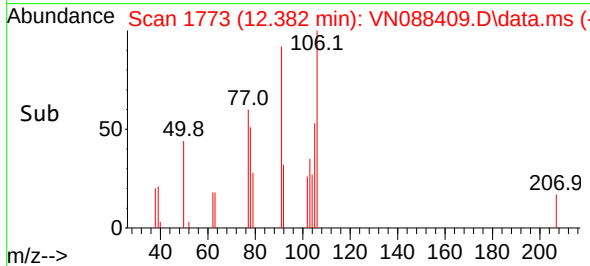
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



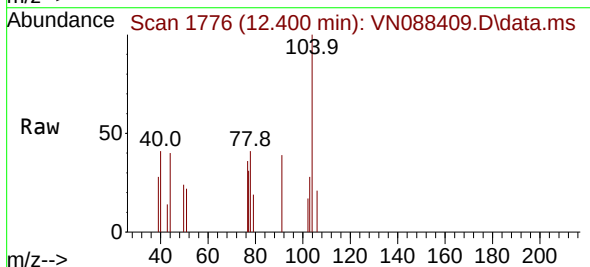
Tgt Ion:106 Resp: 1949
Ion Ratio Lower Upper
106 100
91 267.0 112.9 338.7

Manual Integrations
APPROVED

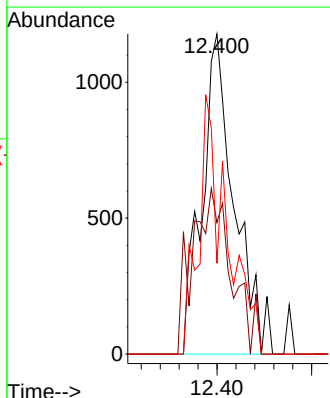
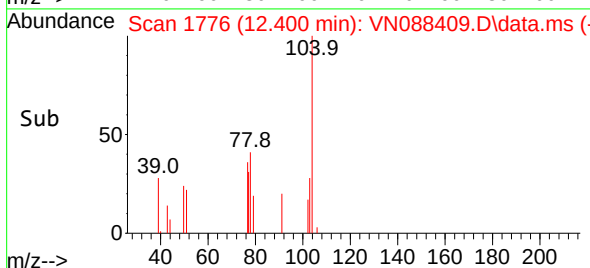
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

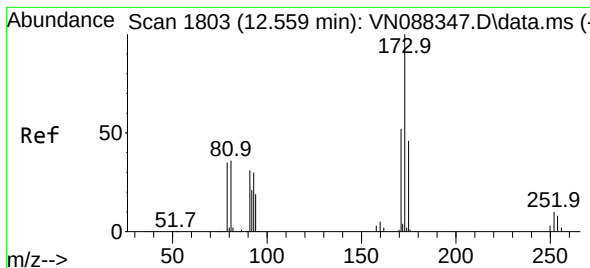


#70
Styrene
Concen: 0.293 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion:104 Resp: 2797
Ion Ratio Lower Upper
104 100
78 62.3 44.3 66.5
103 69.5 44.2 66.4#





#71

Bromoform

Concen: 0.460 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088409.D

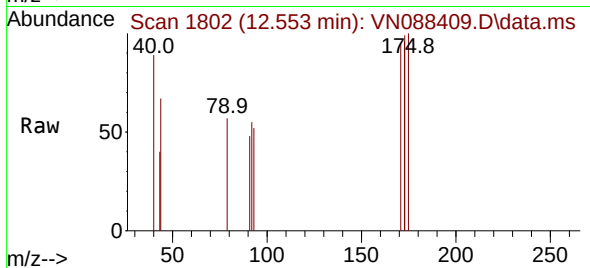
Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



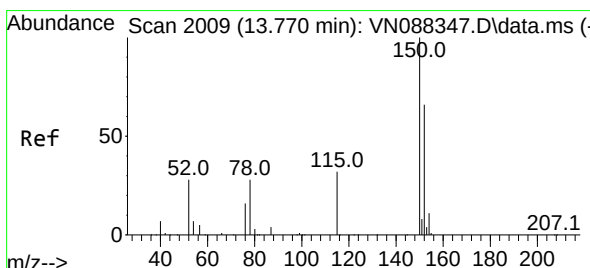
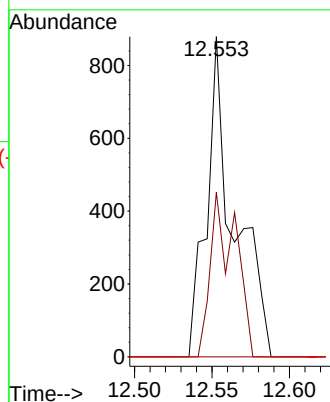
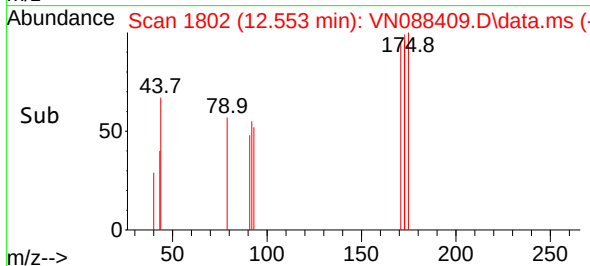
Tgt Ion:	173	Resp:	108
Ion Ratio	Lower	Upper	
173	100		
175	46.6	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

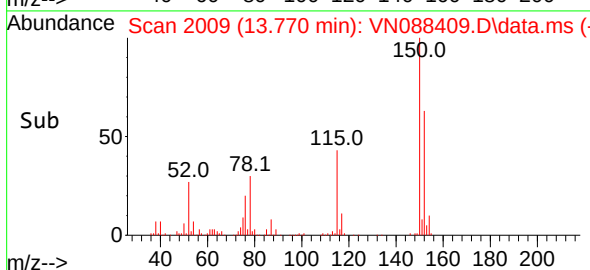
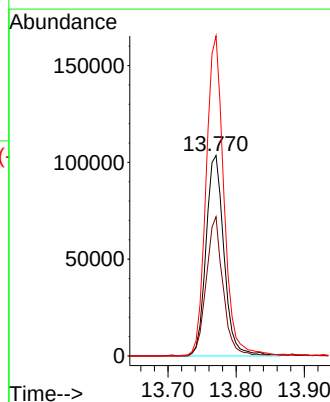
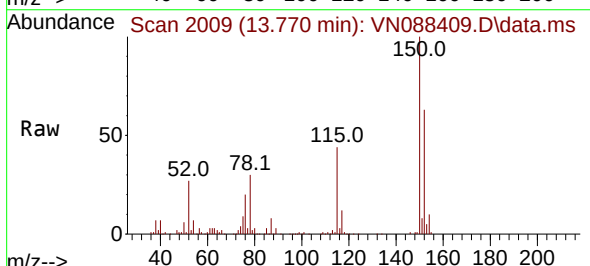
RT: 13.770 min Scan# 2009

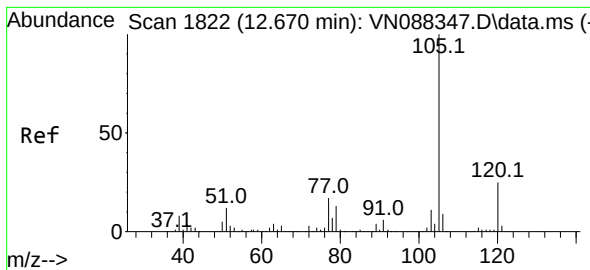
Delta R.T. 0.000 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Tgt Ion:	152	Resp:	191162
Ion Ratio	Lower	Upper	
152	100		
115	64.8	33.0	98.9
150	157.7	0.0	349.0





#73

Isopropylbenzene

Concen: 0.402 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

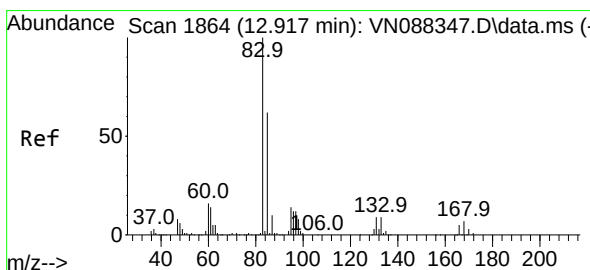
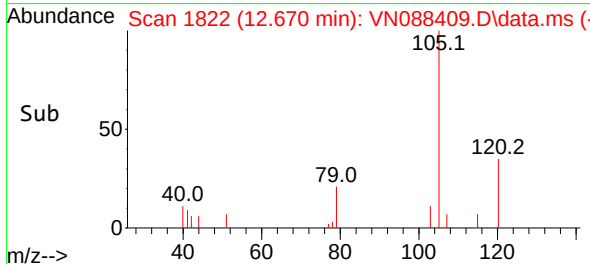
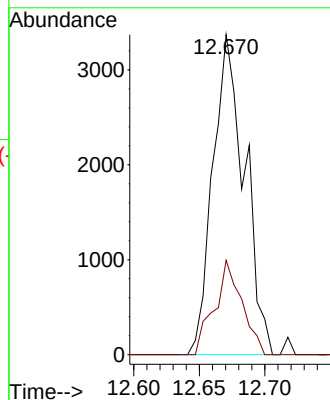
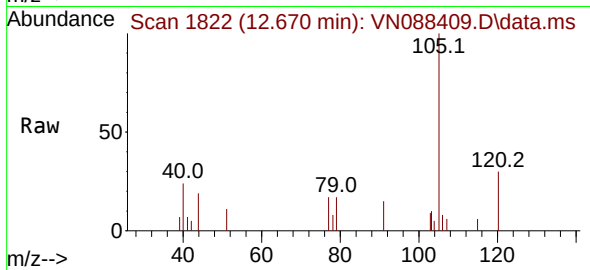
Tgt Ion:105 Resp: 568
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 0.468 ug/l

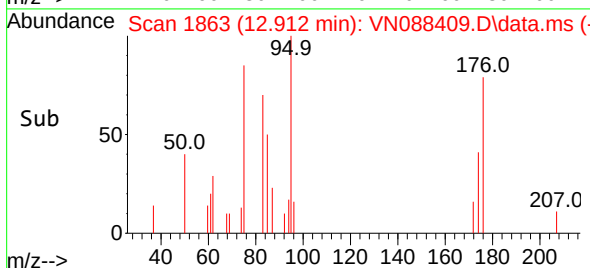
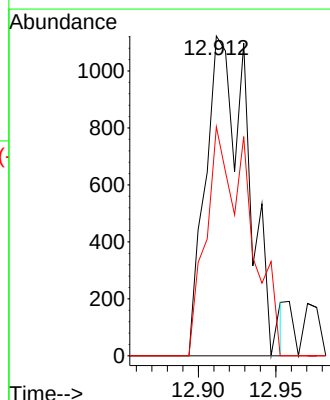
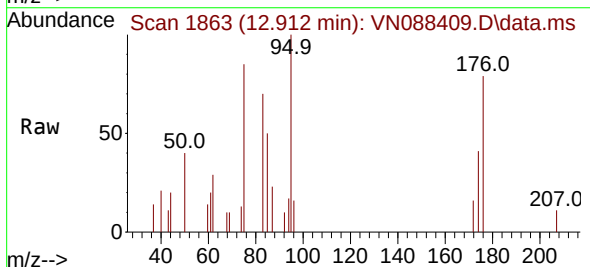
RT: 12.912 min Scan# 1863

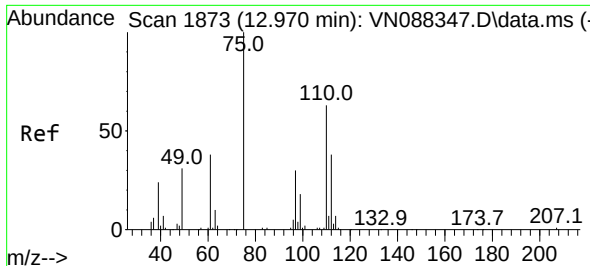
Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

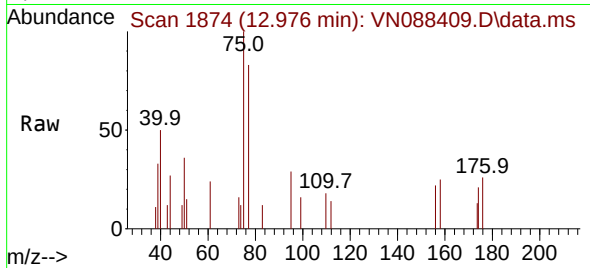
Tgt Ion: 83 Resp: 2140
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.8 14.4#
 85 72.3 32.1 96.5





#76
1,2,3-Trichloropropane
Concen: 0.442 ug/l m
RT: 12.976 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

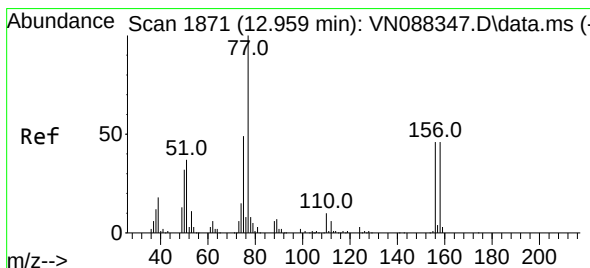
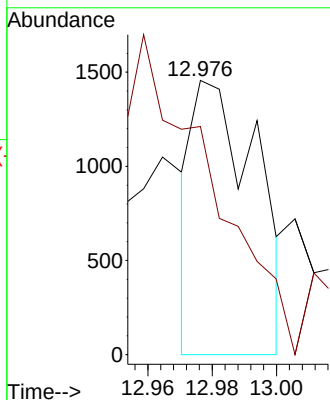
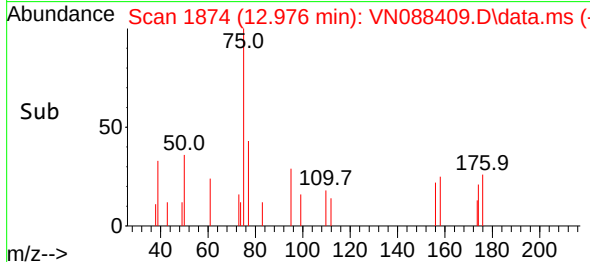
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
77 94.8 87.2 261.6

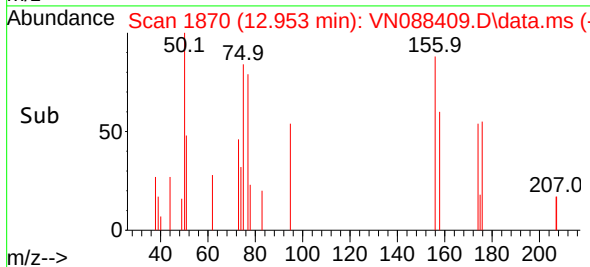
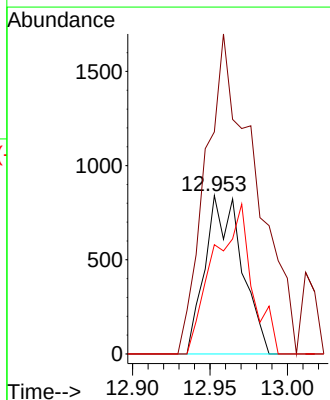
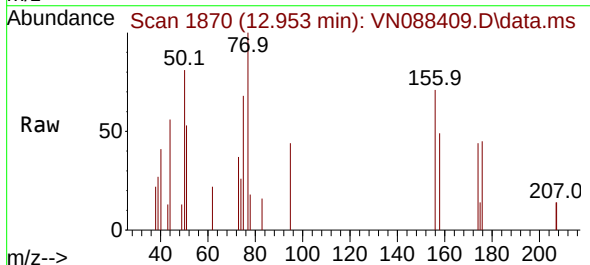
Manual Integrations
APPROVED

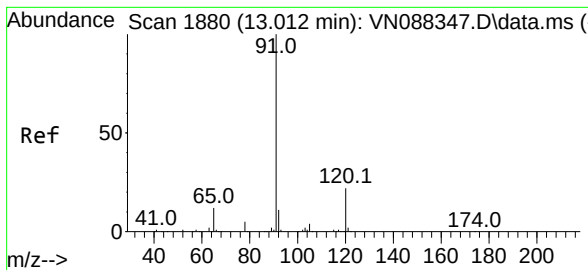
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#77
Bromobenzene
Concen: 0.425 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion:156 Resp: 1376
Ion Ratio Lower Upper
156 100
77 274.0 121.6 364.7
158 99.3 48.6 145.8





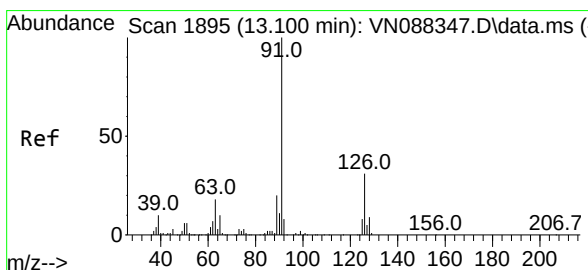
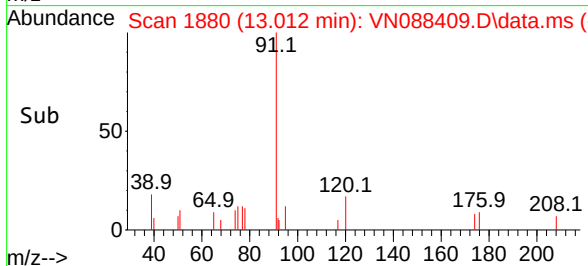
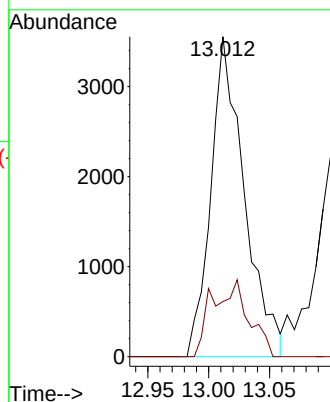
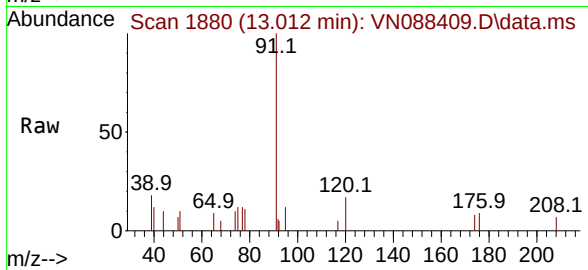
#78
n-propylbenzene
Concen: 0.393 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 6790
Ion Ratio Lower Upper
91 100
120 26.1 10.9 32.6

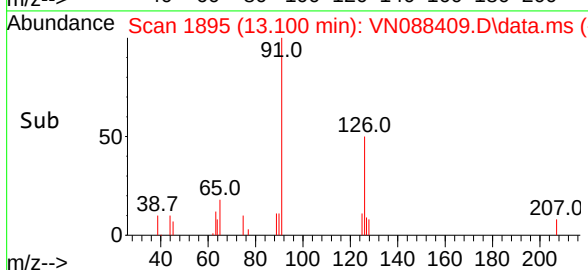
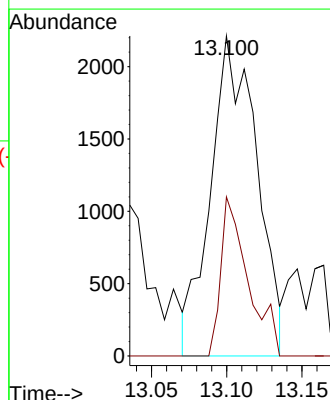
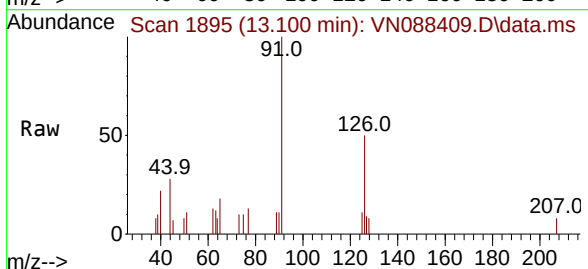
Manual Integrations
APPROVED

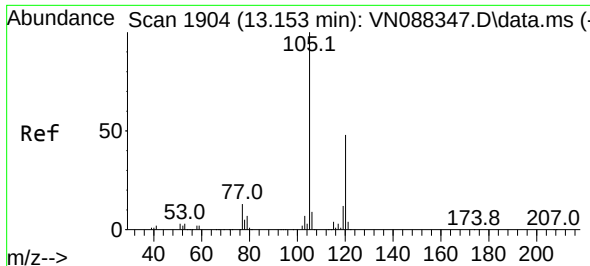
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#79
2-Chlorotoluene
Concen: 0.448 ug/l m
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion: 91 Resp: 4733
Ion Ratio Lower Upper
91 100
126 29.2 15.3 45.9





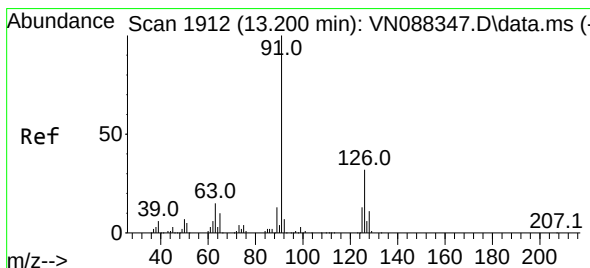
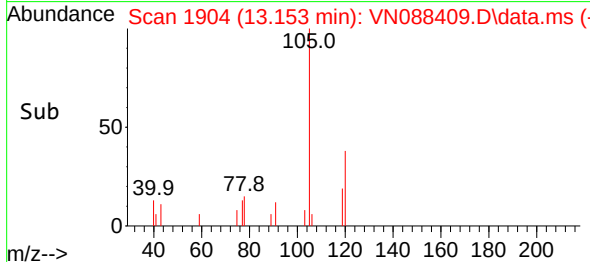
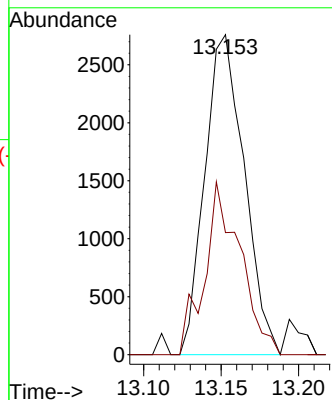
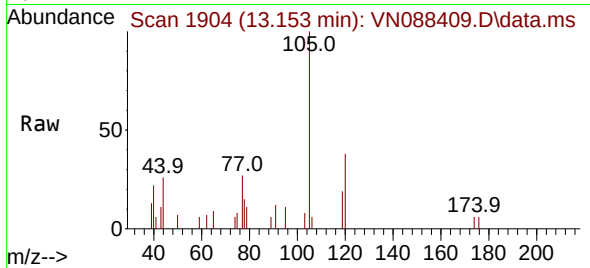
#80
1,3,5-Trimethylbenzene
Concen: 0.418 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 4890
Ion Ratio Lower Upper
105 100
120 48.9 23.8 71.5

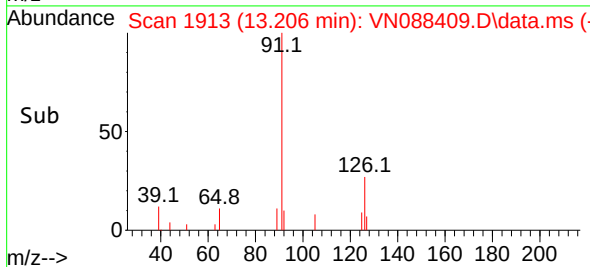
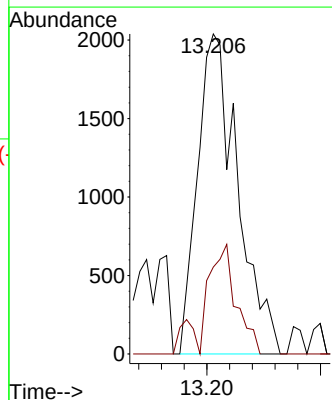
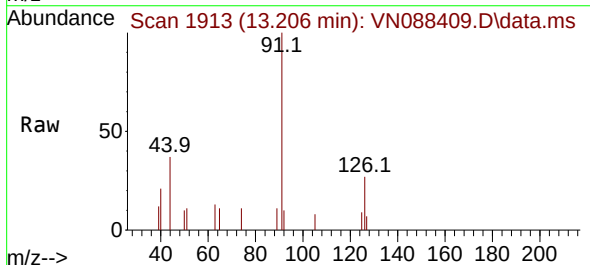
Manual Integrations
APPROVED

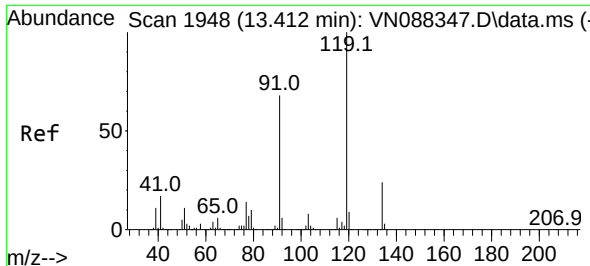
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#82
4-Chlorotoluene
Concen: 0.475 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

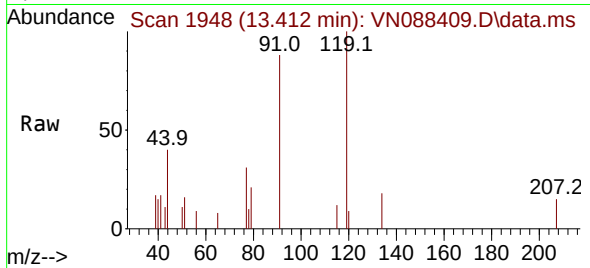
Tgt Ion: 91 Resp: 4985
Ion Ratio Lower Upper
91 100
126 22.9 15.6 46.7





#83
tert-Butylbenzene
Concen: 0.548 ug/l m
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

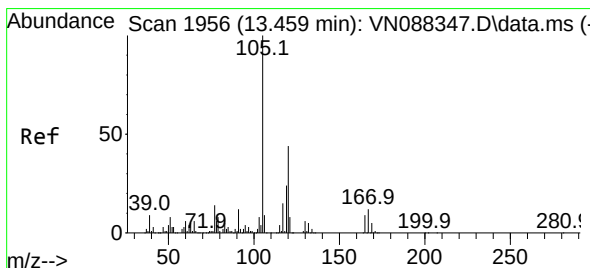
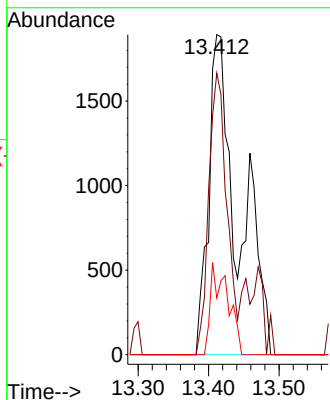
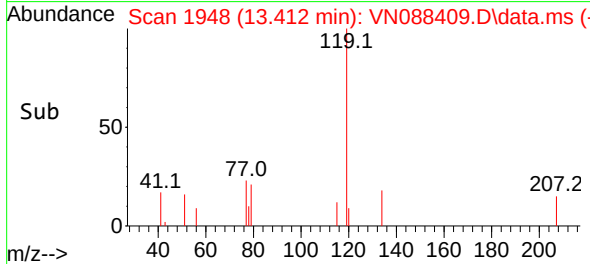
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



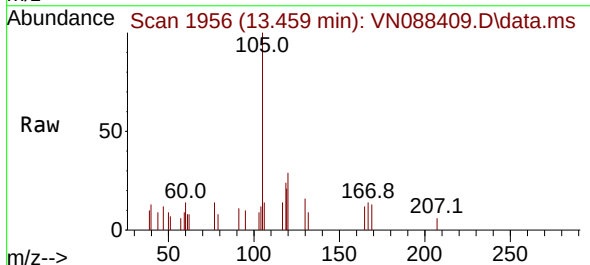
Tgt Ion:119 Resp: 546
Ion Ratio Lower Upper
119 100
91 54.6 35.1 105.3
134 17.1 12.8 38.4

Manual Integrations
APPROVED

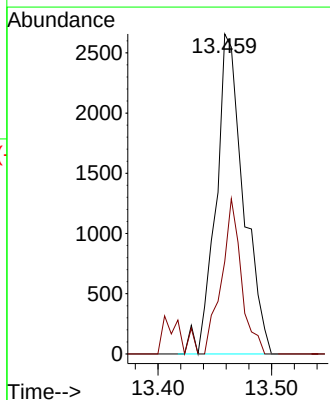
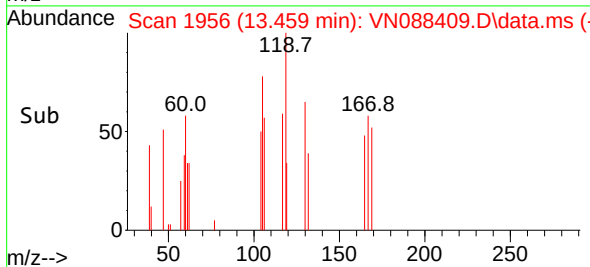
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

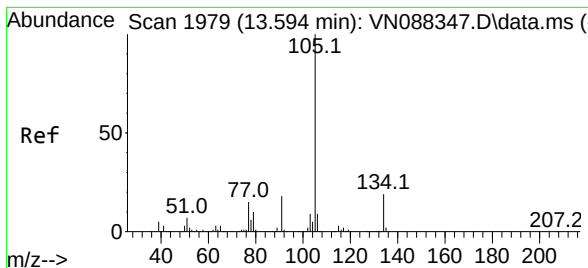


#84
1,2,4-Trimethylbenzene
Concen: 0.385 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion:105 Resp: 4485
Ion Ratio Lower Upper
105 100
120 34.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.382 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

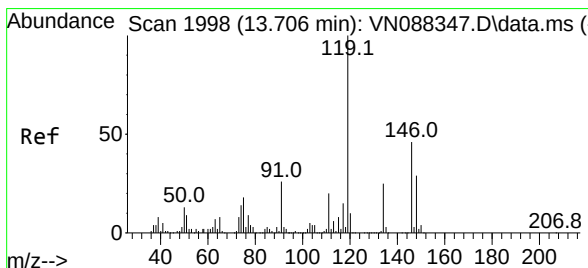
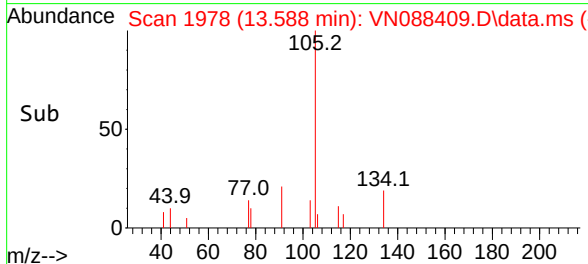
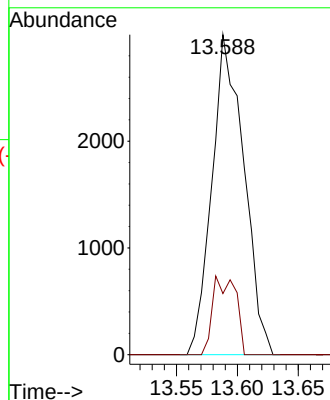
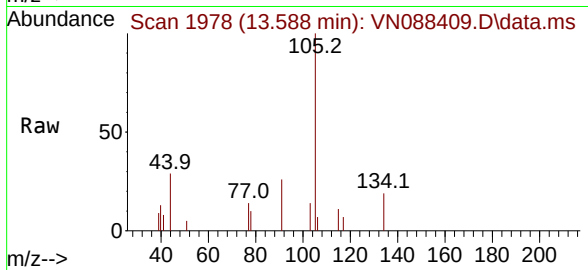
Tgt Ion:105 Resp: 546
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#86

p-Isopropyltoluene

Concen: 0.352 ug/l

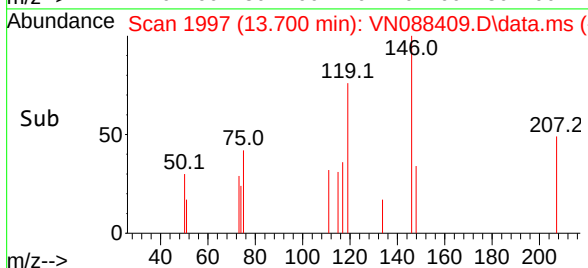
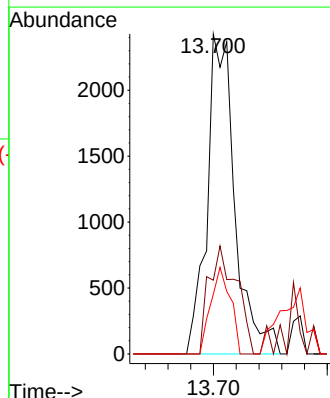
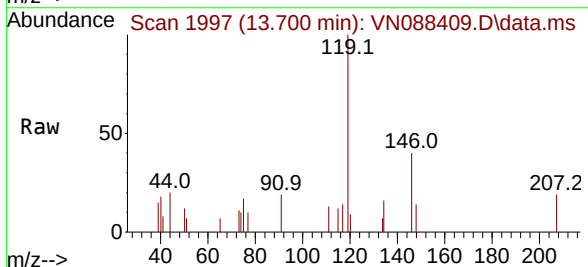
RT: 13.700 min Scan# 1997

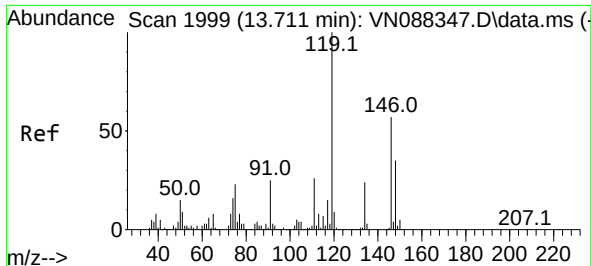
Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Tgt Ion:119 Resp: 4129
 Ion Ratio Lower Upper
 119 100
 134 33.3 12.2 36.6
 91 19.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 0.430 ug/l

RT: 13.706 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

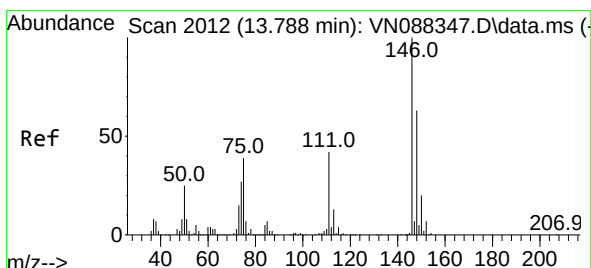
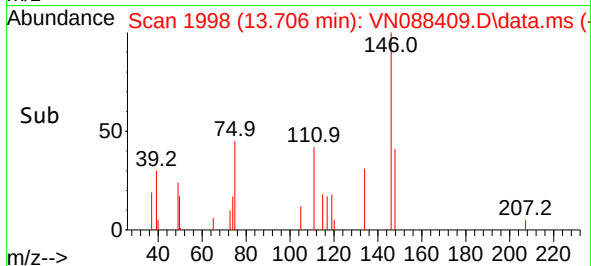
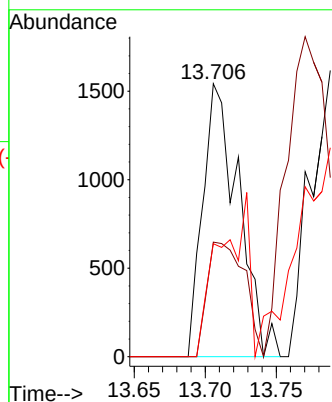
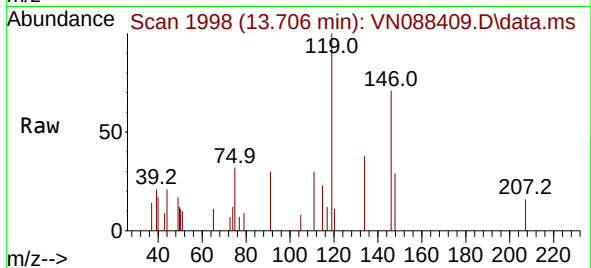
Tgt Ion:146	Resp:	270
Ion Ratio	Lower	Upper
146	100	
111	43.7	22.4 67.0
148	0.0	31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2025

Supervised By :Mahesh Dadoda 12/03/2025



#88

1,4-Dichlorobenzene

Concen: 0.488 ug/l

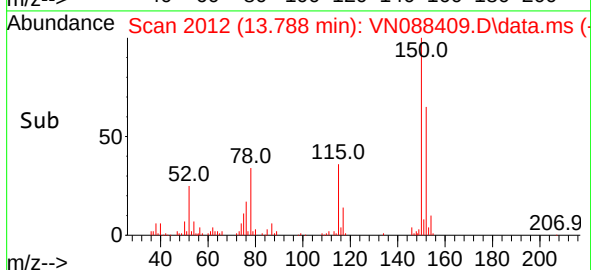
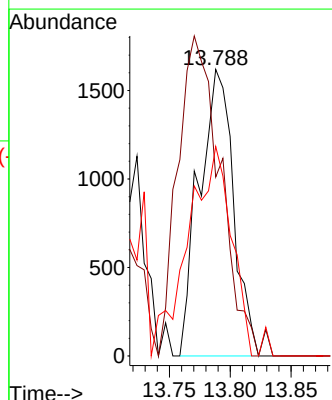
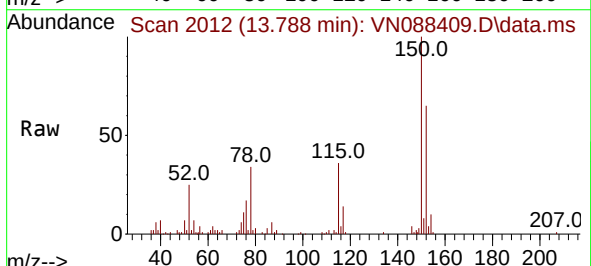
RT: 13.788 min Scan# 2012

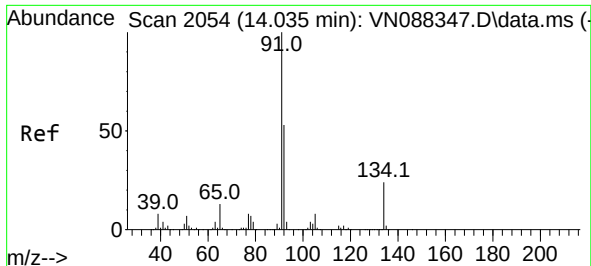
Delta R.T. 0.000 min

Lab File: VN088409.D

Acq: 02 Dec 2025 15:22

Tgt Ion:146	Resp:	3218
Ion Ratio	Lower	Upper
146	100	
111	135.5	21.6 64.6
148	88.4	31.0 93.0





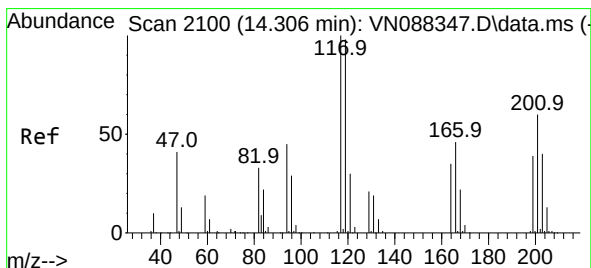
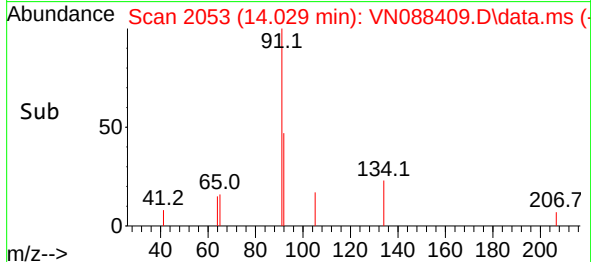
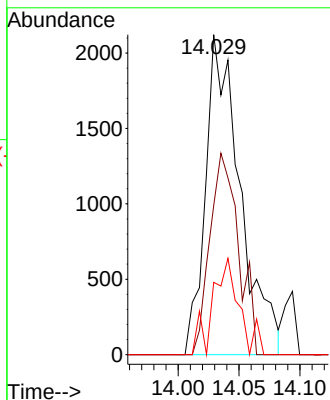
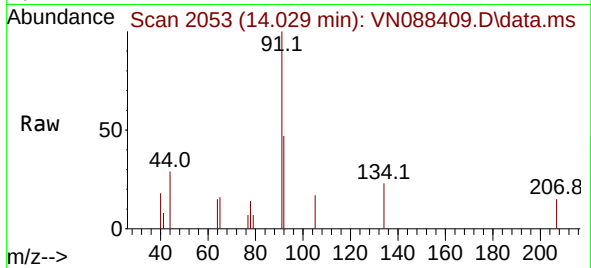
#89
n-Butylbenzene
Concen: 0.369 ug/l
RT: 14.029 min Scan# 2102
Delta R.T. -0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 420
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 23.2 11.7 35.1

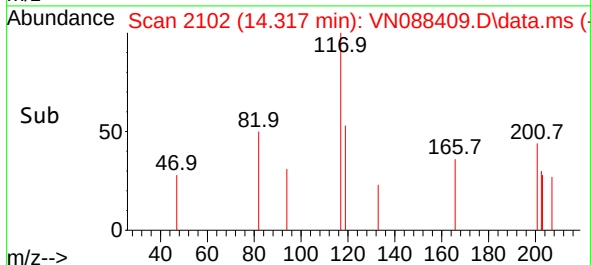
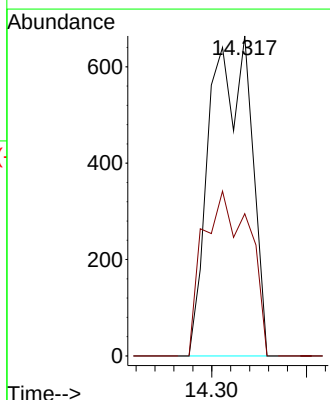
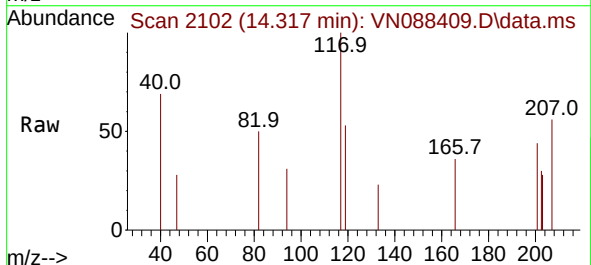
Manual Integrations
APPROVED

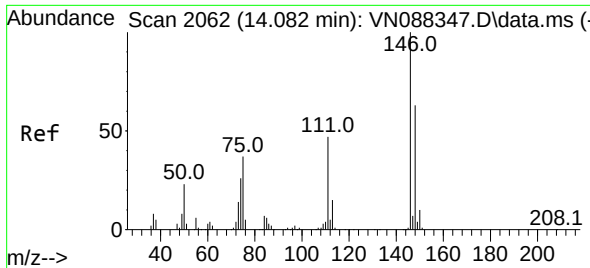
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#90
Hexachloroethane
Concen: 0.469 ug/l
RT: 14.317 min Scan# 2102
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Tgt Ion:117 Resp: 1004
Ion Ratio Lower Upper
117 100
201 57.4 30.3 90.9





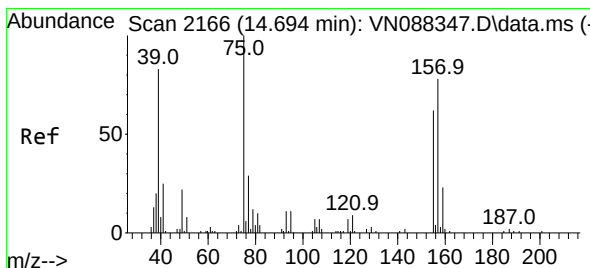
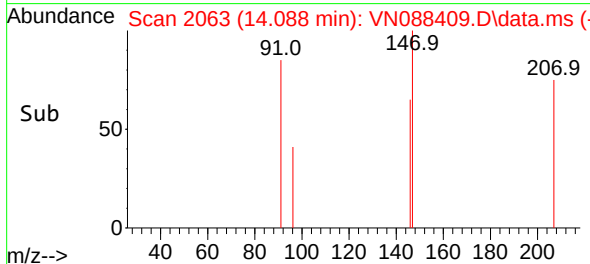
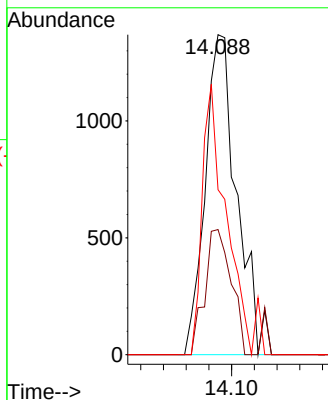
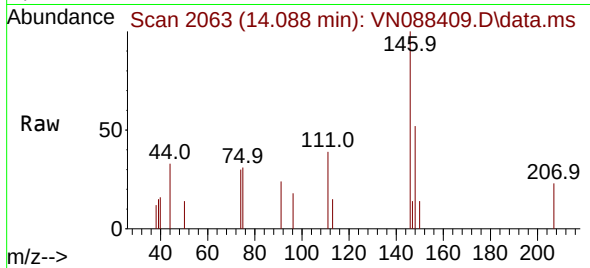
#91
1,2-Dichlorobenzene
Concen: 0.448 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:146 Resp: 2650
Ion Ratio Lower Upper
146 100
111 32.6 23.3 69.9
148 62.4 31.8 95.4

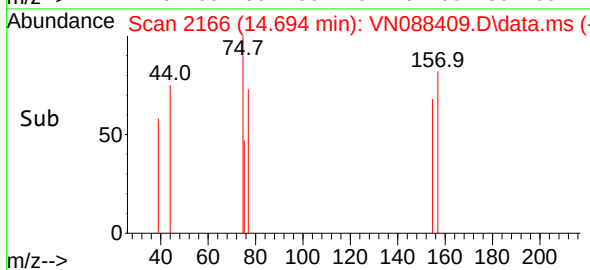
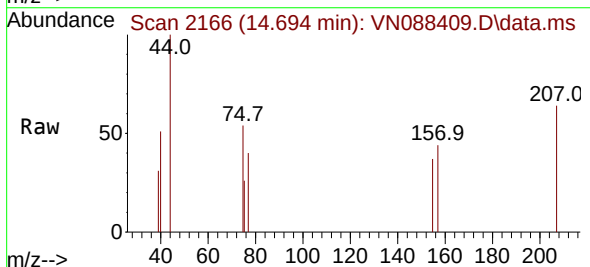
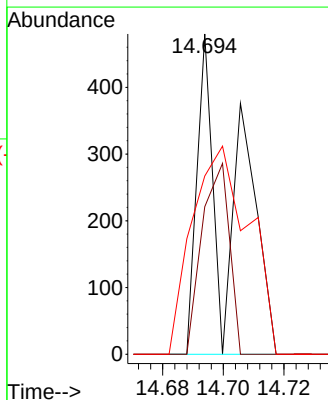
Manual Integrations
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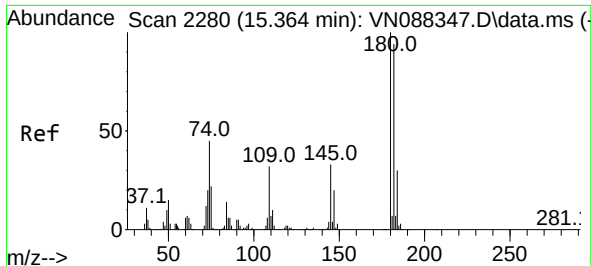
Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.338 ug/l m
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

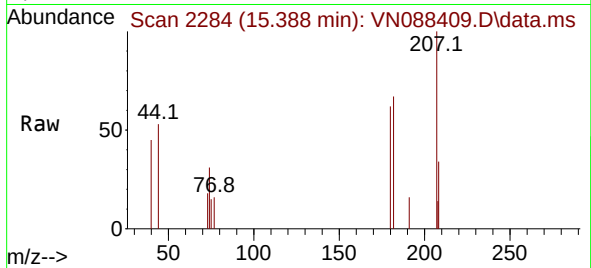
Tgt Ion: 75 Resp: 375
Ion Ratio Lower Upper
75 100
155 47.7 33.7 101.1
157 107.5 43.8 131.3





#93
 1,2,4-Trichlorobenzene
 Concen: 0.388 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN088409.D
 Acq: 02 Dec 2025 15:22

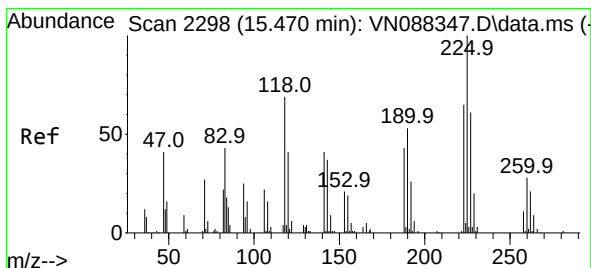
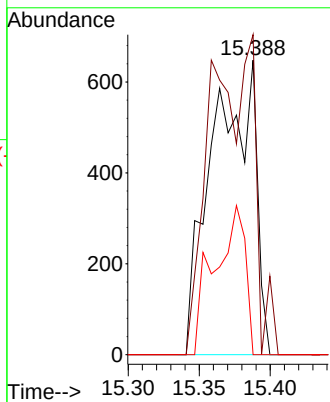
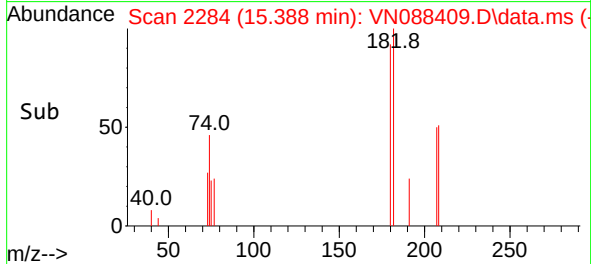
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



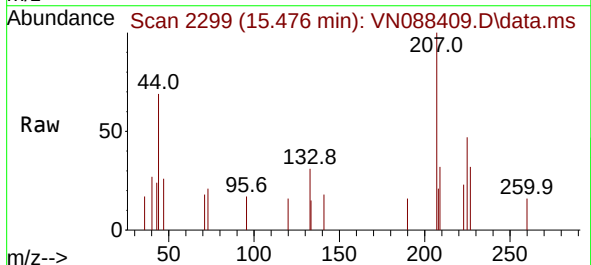
Tgt Ion:180 Resp: 136
 Ion Ratio Lower Upper
 180 100
 182 111.9 46.1 138.2
 145 36.3 16.7 50.1

Manual Integrations
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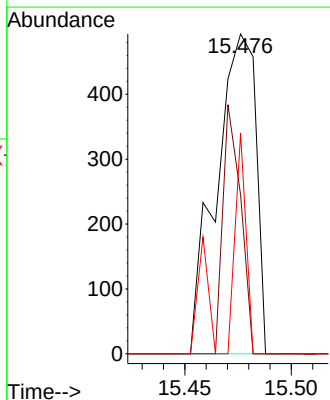
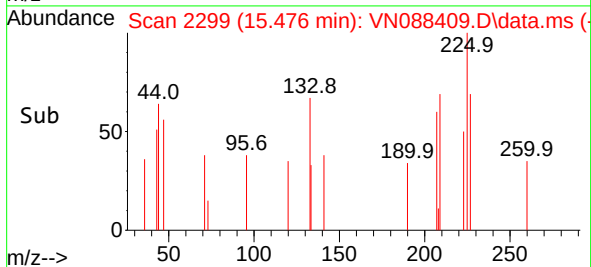
Reviewed By :John Carbone 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025

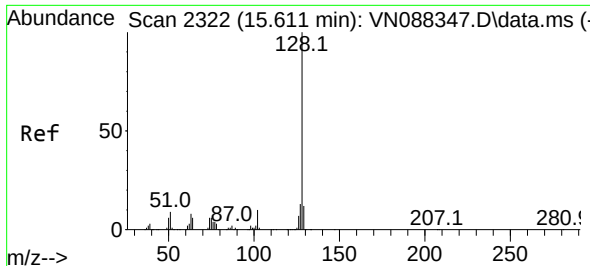


#94
 Hexachlorobutadiene
 Concen: 0.505 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.006 min
 Lab File: VN088409.D
 Acq: 02 Dec 2025 15:22



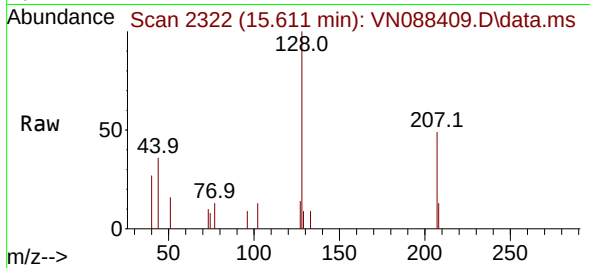
Tgt Ion:225 Resp: 639
 Ion Ratio Lower Upper
 225 100
 223 34.7 32.3 96.8
 227 18.8 29.9 89.8#





#95
Naphthalene
Concen: 0.365 ug/l
RT: 15.611 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22

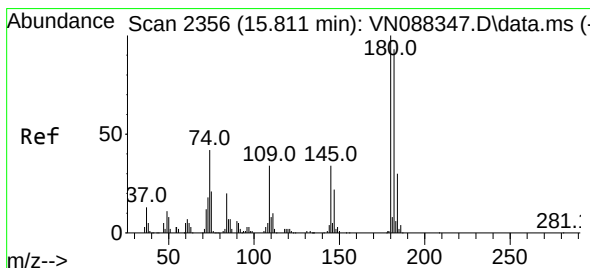
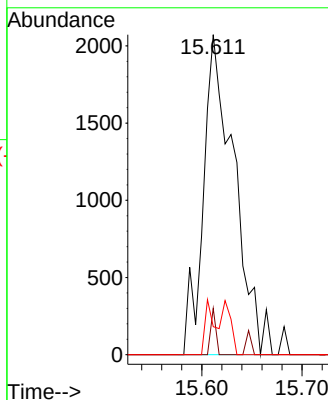
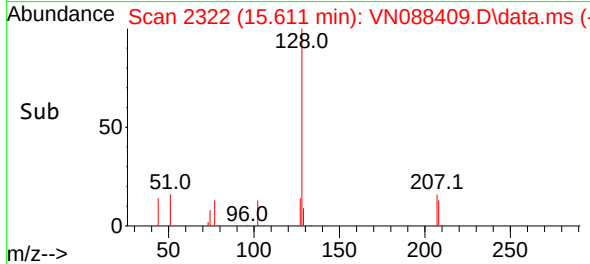
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



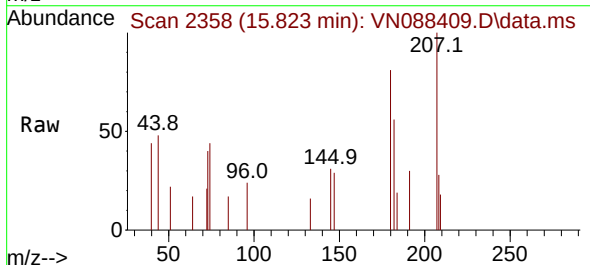
Tgt Ion:128 Resp: 4452
Ion Ratio Lower Upper
128 100
127 2.4 10.4 15.6
129 5.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.519 ug/l
RT: 15.823 min Scan# 2358
Delta R.T. 0.012 min
Lab File: VN088409.D
Acq: 02 Dec 2025 15:22



Tgt Ion:180 Resp: 1779
Ion Ratio Lower Upper
180 100
182 78.4 45.9 137.7
145 23.6 17.8 53.4

