

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087571.D
 Acq On : 14 Aug 2025 17:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 20:00:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	238474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	474259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	425226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	227016	56.103	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.200%			
35) Dibromofluoromethane	8.153	113	156946	47.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	10.547	98	555686	47.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.240%			
62) 4-Bromofluorobenzene	12.829	95	219428	50.895	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	146954	58.019	ug/l	87
3) Chloromethane	2.383	50	151474	47.556	ug/l	96
4) Vinyl Chloride	2.542	62	171546	54.194	ug/l	98
5) Bromomethane	2.965	94	98027	59.802	ug/l	96
6) Chloroethane	3.136	64	119605	57.939	ug/l	98
7) Trichlorofluoromethane	3.506	101	251759	53.787	ug/l	96
8) Diethyl Ether	3.959	74	112416	61.915	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	131101	54.563	ug/l	96
10) Methyl Iodide	4.583	142	114988	46.910	ug/l	93
11) Tert butyl alcohol	5.530	59	225709	293.768	ug/l	98
12) 1,1-Dichloroethene	4.342	96	139219	51.131	ug/l	98
13) Acrolein	4.177	56	136456	221.305	ug/l	98
14) Allyl chloride	5.012	41	249253	50.584	ug/l	90
15) Acrylonitrile	5.712	53	569923	273.354	ug/l	99
16) Acetone	4.424	43	541993	285.675	ug/l	100
17) Carbon Disulfide	4.700	76	366394	45.389	ug/l	97
18) Methyl Acetate	5.018	43	313957	65.866	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	605133	60.297	ug/l	95
20) Methylene Chloride	5.265	84	174610	54.500	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	151561	49.367	ug/l	94
22) Diisopropyl ether	6.665	45	621814	60.160	ug/l	96
23) Vinyl Acetate	6.594	43	2763713	305.725	ug/l	99
24) 1,1-Dichloroethane	6.559	63	318547	53.420	ug/l	96
25) 2-Butanone	7.471	43	825883	281.735	ug/l	98
26) 2,2-Dichloropropane	7.477	77	257353	55.510	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	196807	55.681	ug/l	97
28) Bromochloromethane	7.800	49	156850	54.960	ug/l	93
29) Tetrahydrofuran	7.830	42	539794	283.456	ug/l	100
30) Chloroform	7.947	83	339135	56.819	ug/l	97
31) Cyclohexane	8.241	56	247909	49.835	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	275370	53.267	ug/l	97
36) 1,1-Dichloropropene	8.353	75	211872	49.020	ug/l	98
37) Ethyl Acetate	7.553	43	319155	51.129	ug/l	99
38) Carbon Tetrachloride	8.347	117	223786	47.002	ug/l	90
39) Methylcyclohexane	9.582	83	232189	49.620	ug/l	97
40) Benzene	8.588	78	690385	49.422	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	177039	54.241	ug/l	98
42) 1,2-Dichloroethane	8.653	62	280771	53.001	ug/l	97
43) Isopropyl Acetate	8.677	43	524401	54.118	ug/l	98
44) Trichloroethene	9.335	130	148958	45.129	ug/l	88
45) 1,2-Dichloropropane	9.600	63	181977	51.269	ug/l	95
46) Dibromomethane	9.694	93	134650	50.667	ug/l	96
47) Bromodichloromethane	9.871	83	274799	51.336	ug/l	98
48) Methyl methacrylate	9.665	41	248880	57.052	ug/l	94
49) 1,4-Dioxane	9.682	88	71752	1073.907	ug/l #	97
51) 4-Methyl-2-Pentanone	10.429	43	1664512	271.592	ug/l	97
52) Toluene	10.612	92	427455	50.344	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	293410	54.160	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	297225	53.114	ug/l #	89
55) 1,1,2-Trichloroethane	10.994	97	176045	51.213	ug/l	94
56) Ethyl methacrylate	10.859	69	302892	52.303	ug/l #	89
57) 1,3-Dichloropropane	11.141	76	310920	52.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	877252	311.100	ug/l	99
59) 2-Hexanone	11.182	43	1156224	284.353	ug/l	98
60) Dibromochloromethane	11.341	129	198203	50.559	ug/l	100
61) 1,2-Dibromoethane	11.447	107	184976	51.178	ug/l	96
64) Tetrachloroethene	11.082	164	119577	43.693	ug/l	94
65) Chlorobenzene	11.871	112	472059	49.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	163437	50.347	ug/l	98
67) Ethyl Benzene	11.947	91	828297	52.704	ug/l	99
68) m/p-Xylenes	12.053	106	617550	104.935	ug/l	94
69) o-Xylene	12.376	106	304027	54.082	ug/l	93
70) Styrene	12.394	104	537585	56.847	ug/l	99
71) Bromoform	12.559	173	129999	49.570	ug/l #	98
73) Isopropylbenzene	12.676	105	778267	55.329	ug/l	97
74) N-amyl acetate	12.500	43	235200	40.245	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.917	83	291614	55.096	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	243769m	48.640	ug/l	
77) Bromobenzene	12.959	156	186883	51.229	ug/l	93
78) n-propylbenzene	13.017	91	978192	55.273	ug/l	98
79) 2-Chlorotoluene	13.106	91	597499	54.935	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	669763	55.885	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	89087	48.638	ug/l	95
82) 4-Chlorotoluene	13.200	91	608886	53.770	ug/l	97
83) tert-Butylbenzene	13.417	119	560622	56.008	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	689787	56.360	ug/l	96
85) sec-Butylbenzene	13.594	105	832981	55.247	ug/l	99
86) p-Isopropyltoluene	13.706	119	696976	57.683	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	366281	51.160	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	370523	48.455	ug/l	98
89) n-Butylbenzene	14.035	91	680561	58.986	ug/l	99
90) Hexachloroethane	14.312	117	128045	50.016	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	359102	52.944	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	67382	48.490	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	212654	53.374	ug/l	98
94) Hexachlorobutadiene	15.476	225	77827	52.571	ug/l	98
95) Naphthalene	15.617	128	804026	56.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	205237	51.353	ug/l	99

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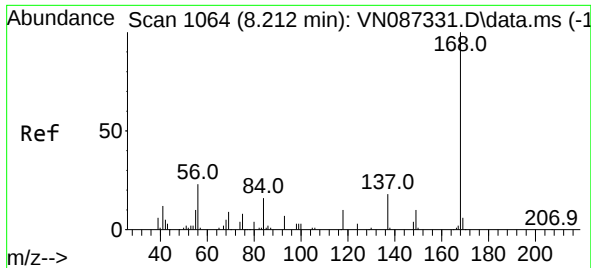
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

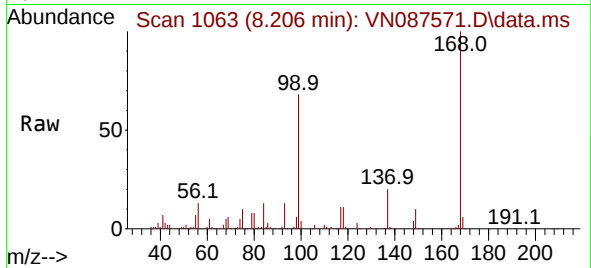
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087571.D
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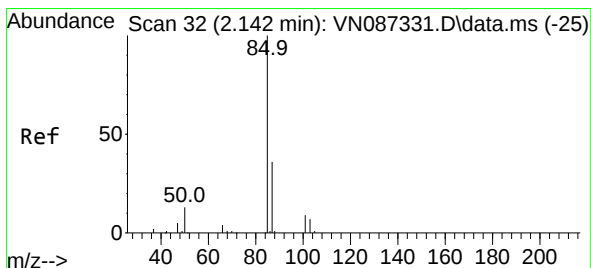
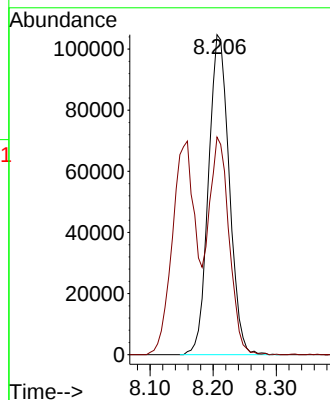
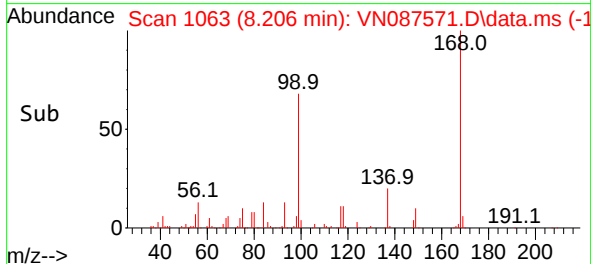
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 238474
Ion Ratio Lower Upper
168 100
99 68.0 47.9 71.9

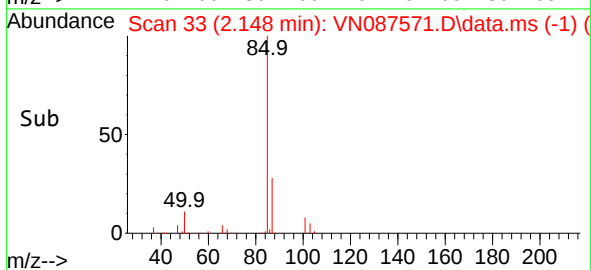
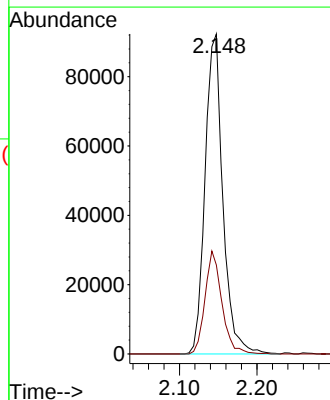
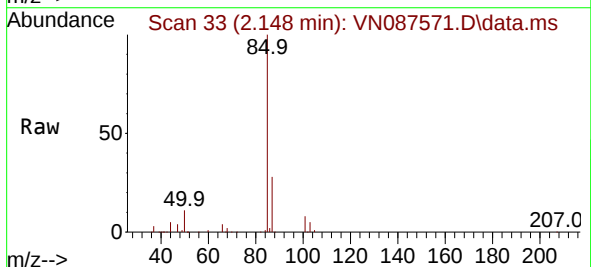
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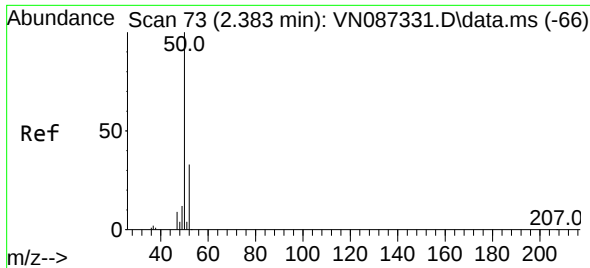
Reviewed By :John Carlone 08/15/2025
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#2
Dichlorodifluoromethane
Concen: 58.019 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

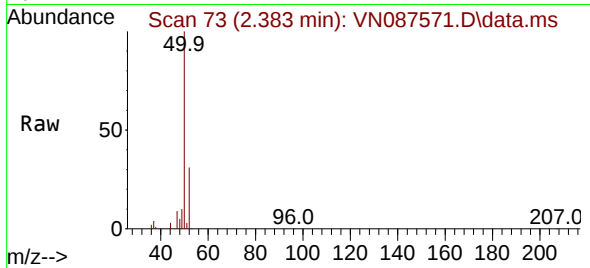
Tgt Ion: 85 Resp: 146954
Ion Ratio Lower Upper
85 100
87 27.8 17.8 53.3





#3
Chloromethane
Concen: 47.556 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

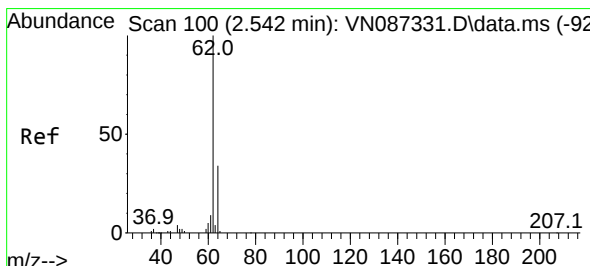
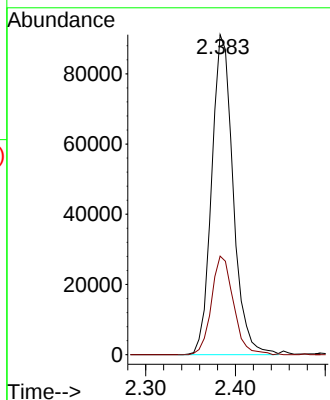
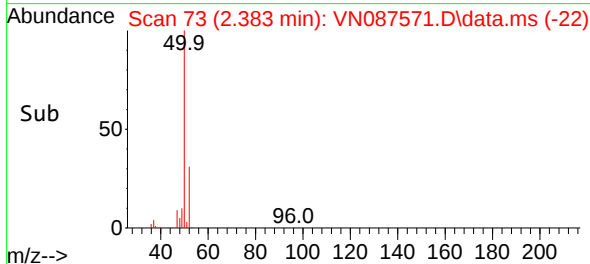
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Tgt Ion: 50 Resp: 151474
Ion Ratio Lower Upper
50 100
52 30.8 26.3 39.5

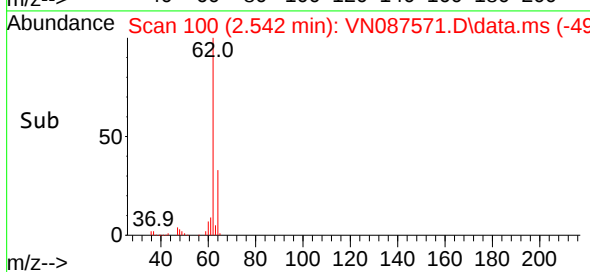
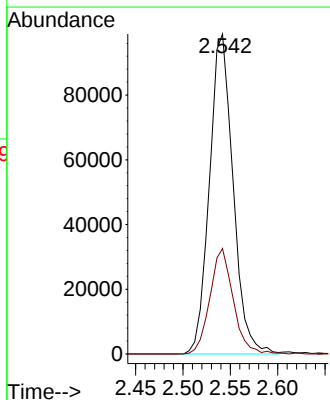
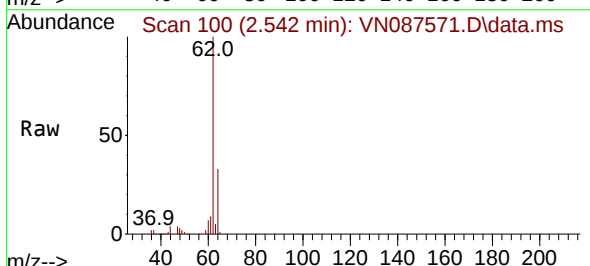
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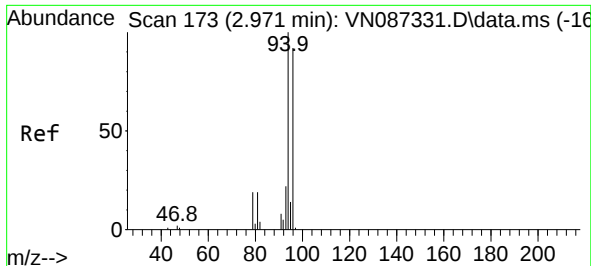
Reviewed By :John Carlone 08/15/2025
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#4
Vinyl Chloride
Concen: 54.194 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

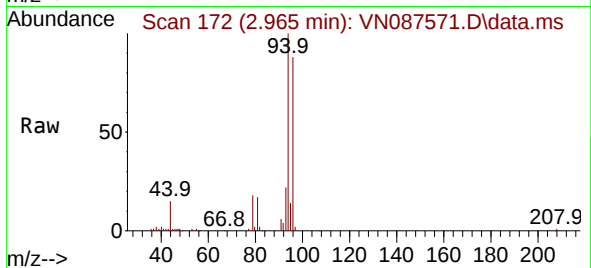
Tgt Ion: 62 Resp: 171546
Ion Ratio Lower Upper
62 100
64 32.9 27.0 40.6





#5
Bromomethane
Concen: 59.802 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

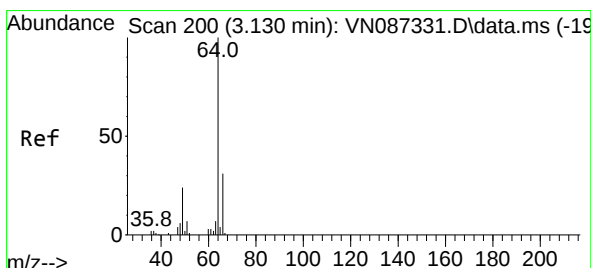
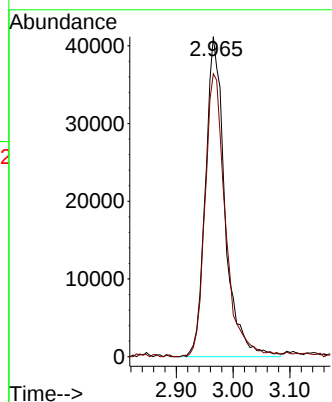
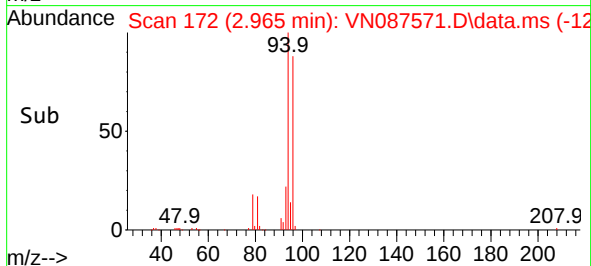
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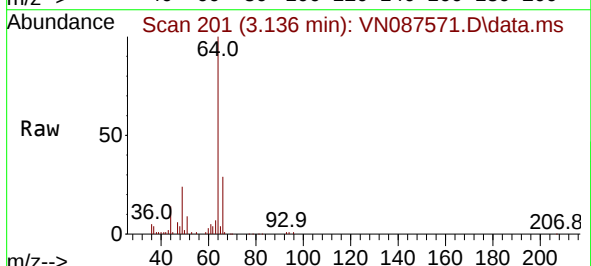
Tgt Ion: 94 Resp: 9802
Ion Ratio Lower Upper
94 100
96 88.4 73.4 110.2

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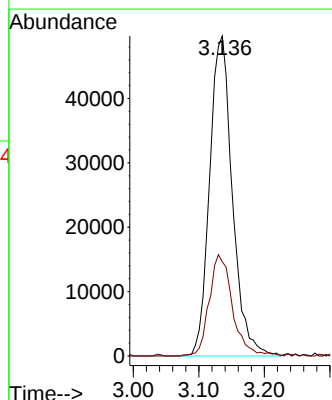
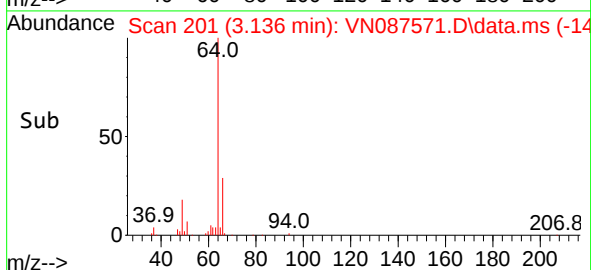
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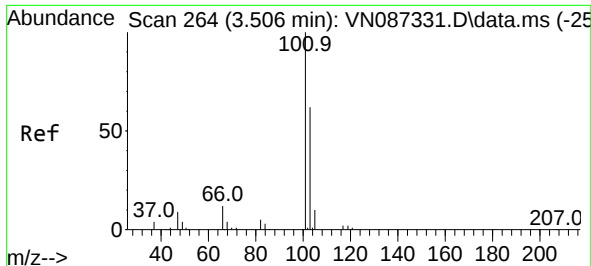


#6
Chloroethane
Concen: 57.939 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087571.D
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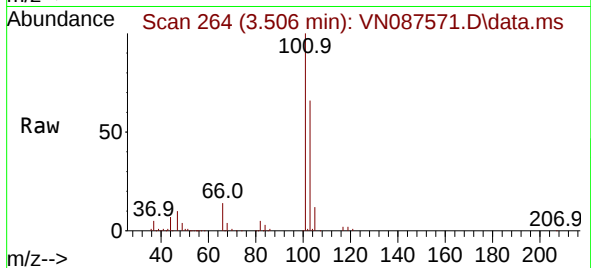
Tgt Ion: 64 Resp: 119605
Ion Ratio Lower Upper
64 100
66 29.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 53.787 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087571.D
 Acq: 14 Aug 2025 17:11

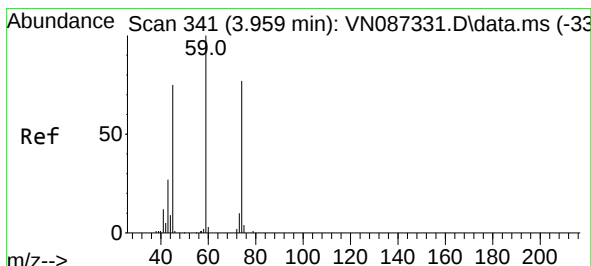
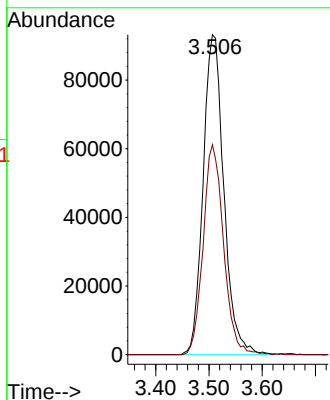
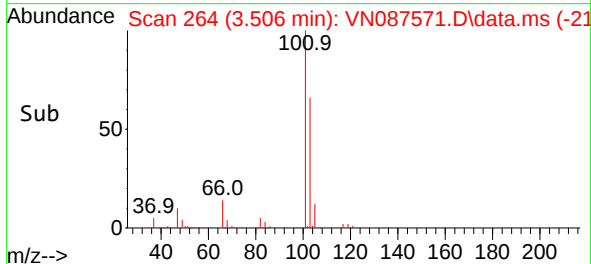
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Tgt Ion:101 Resp: 251759
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.8 74.6

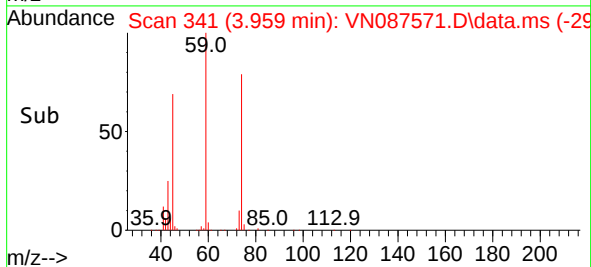
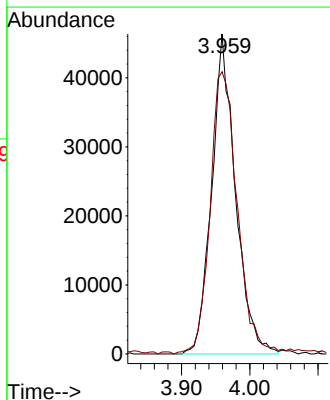
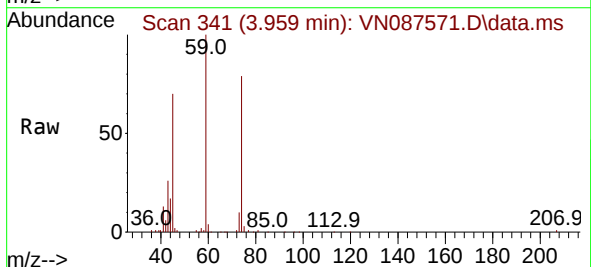
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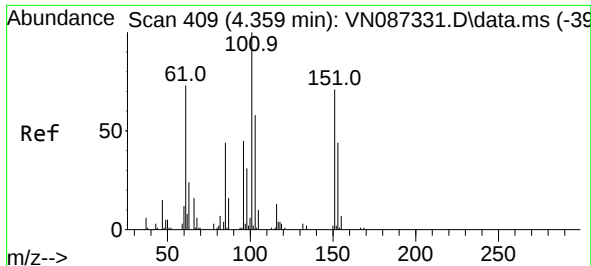
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#8
 Diethyl Ether
 Concen: 61.915 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087571.D
 Acq: 14 Aug 2025 17:11

Tgt Ion: 74 Resp: 112416
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.8 152.5





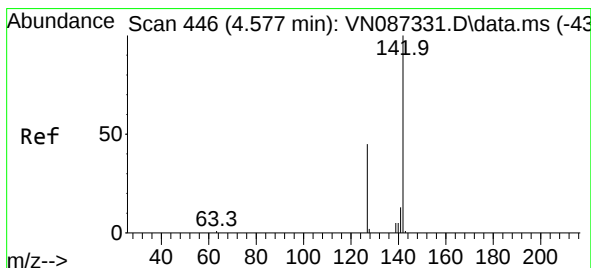
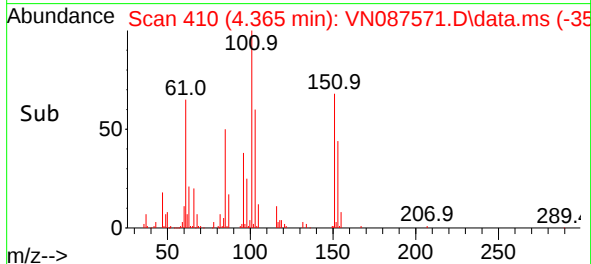
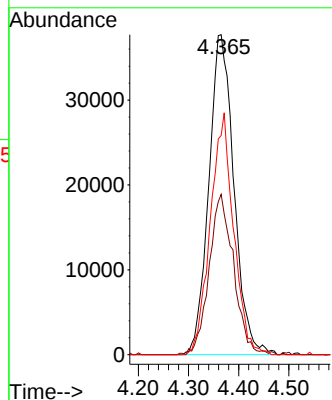
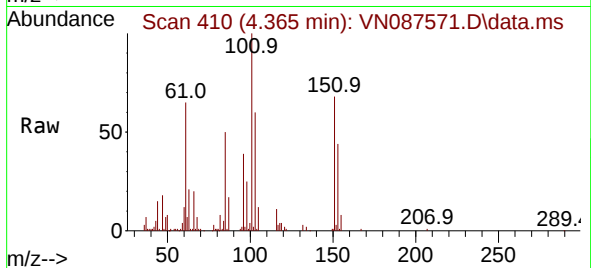
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.563 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 13110
Ion Ratio Lower Upper
101 100
85 48.9 37.3 55.9
151 70.1 58.9 88.3

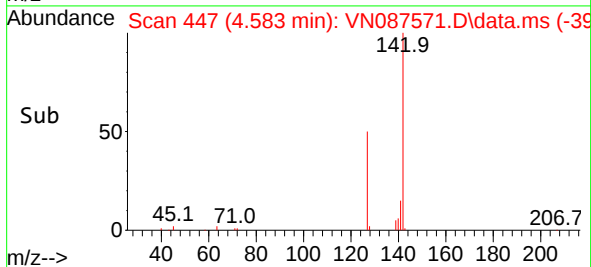
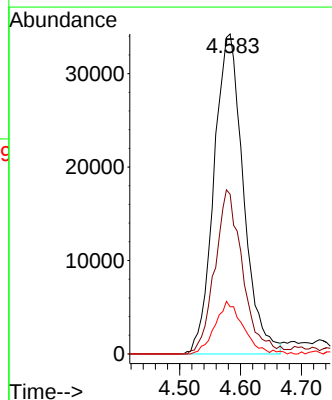
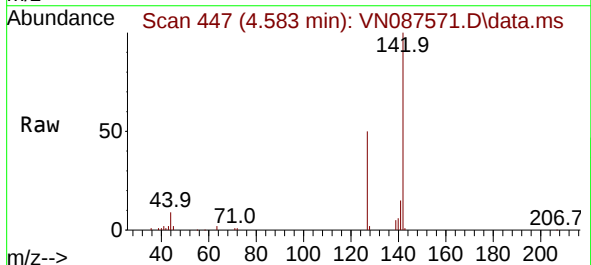
Manual Integrations
APPROVED

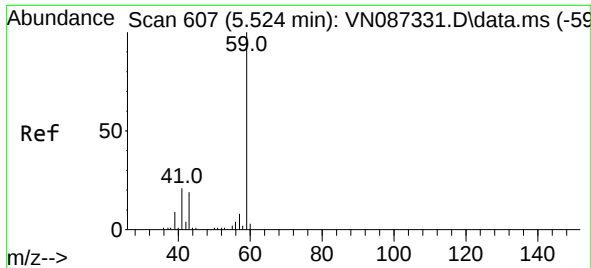
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 46.910 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

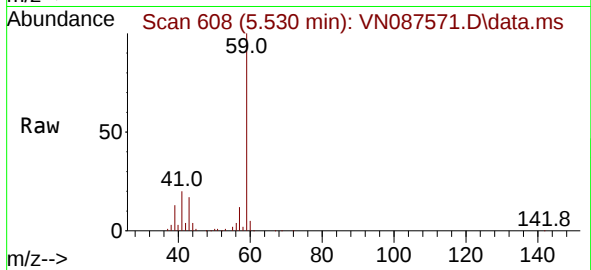
Tgt Ion:142 Resp: 114988
Ion Ratio Lower Upper
142 100
127 49.9 35.7 53.5
141 14.7 10.4 15.6





#11
Tert butyl alcohol
Concen: 293.768 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

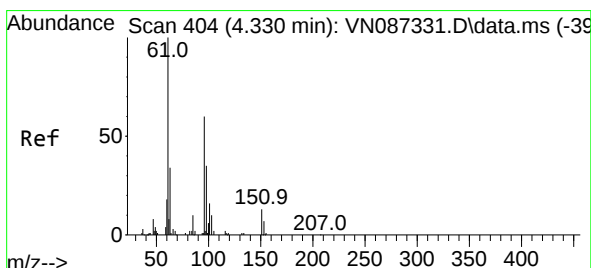
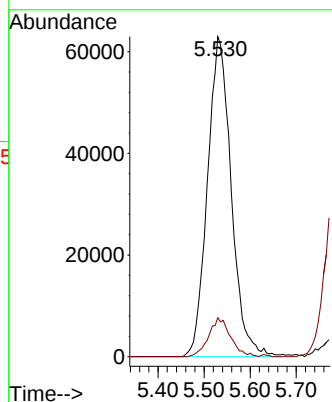
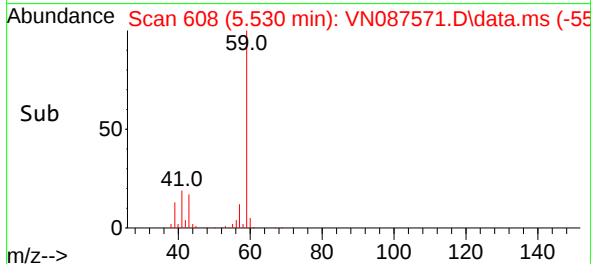
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



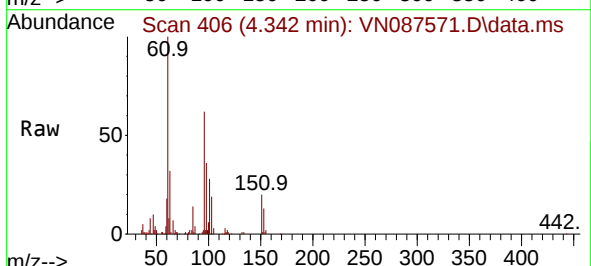
Tgt Ion: 59 Resp: 225709
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5

Manual Integrations
APPROVED

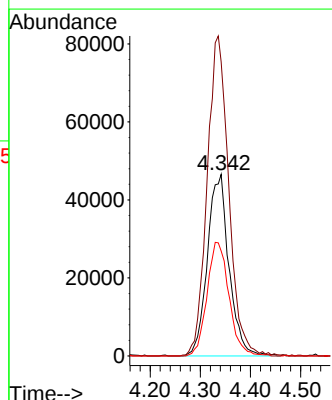
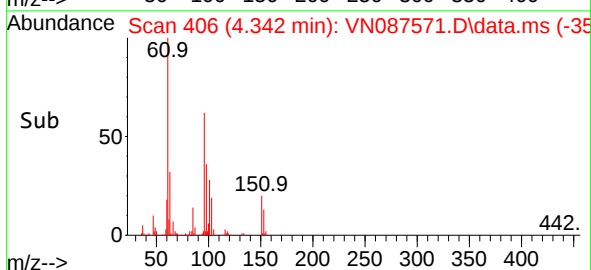
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

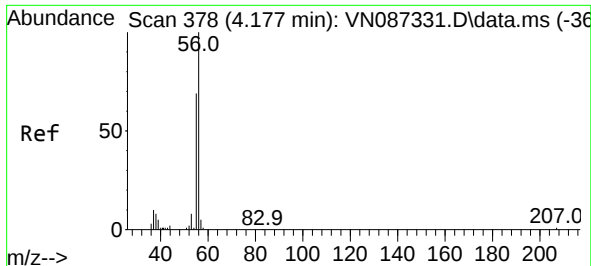


#12
1,1-Dichloroethene
Concen: 51.131 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



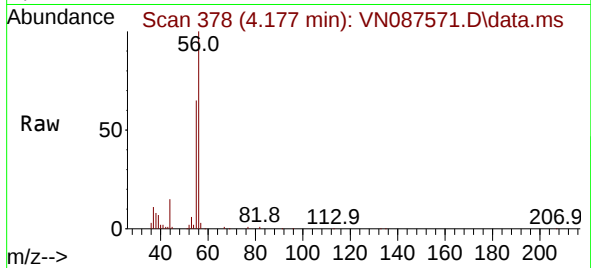
Tgt Ion: 96 Resp: 139219
Ion Ratio Lower Upper
96 100
61 161.9 132.3 198.5
98 57.8 46.8 70.2





#13
Acrolein
Concen: 221.305 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

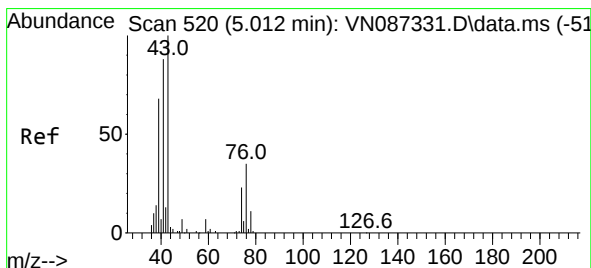
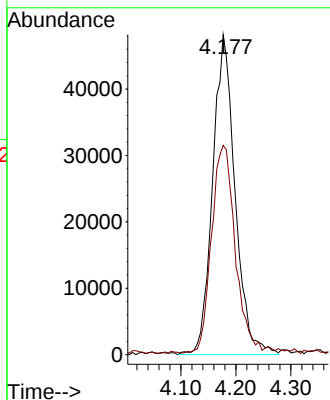
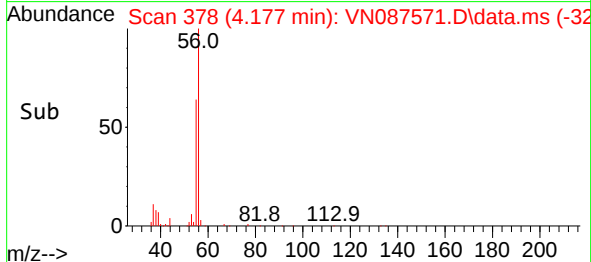
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 136450
Ion Ratio Lower Upper
56 100
55 68.6 56.2 84.4

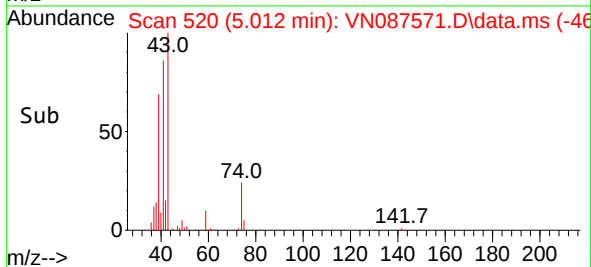
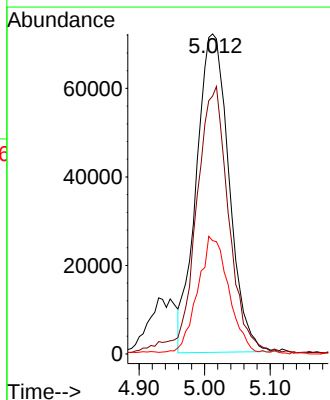
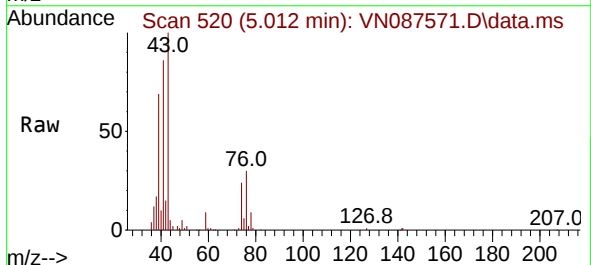
Manual Integrations
APPROVED

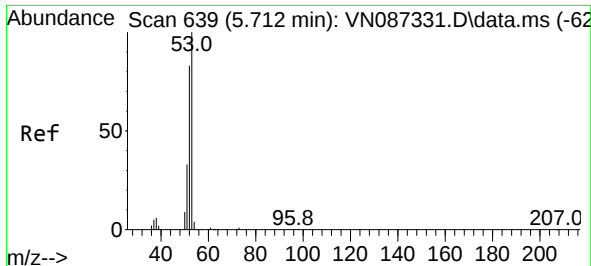
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 50.584 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

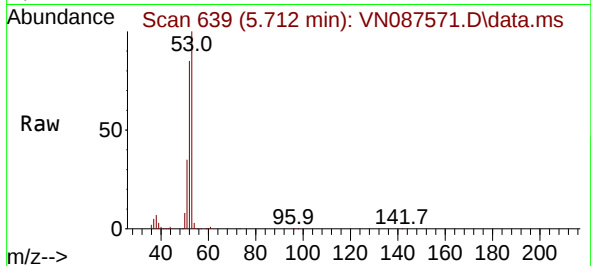
Tgt Ion: 41 Resp: 249253
Ion Ratio Lower Upper
41 100
39 85.3 59.0 88.6
76 34.3 28.7 43.1





#15
Acrylonitrile
Concen: 273.354 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

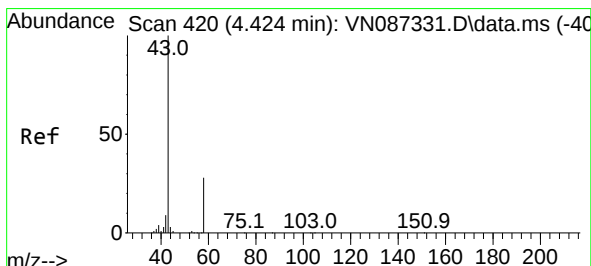
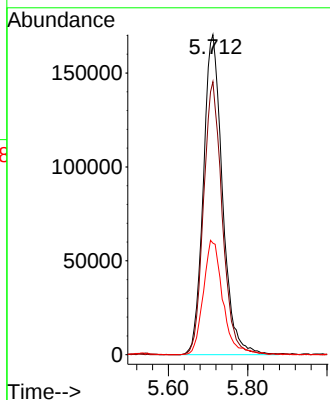
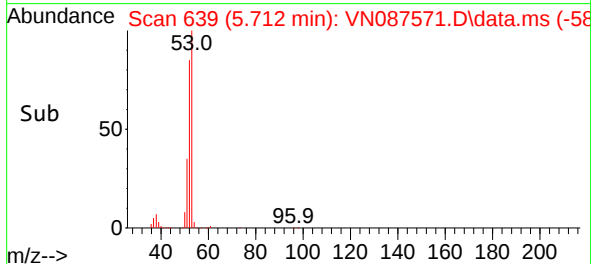
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 569923
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 36.6 28.7 43.1

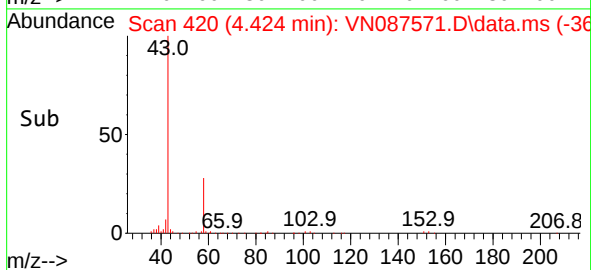
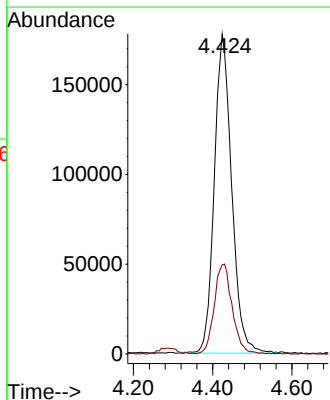
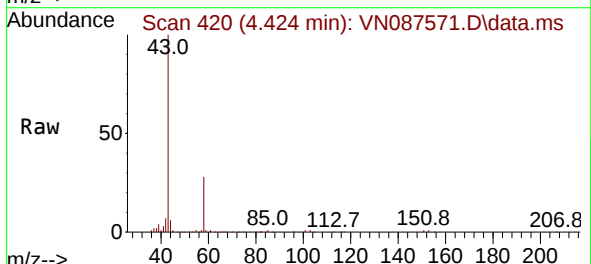
Manual Integrations
APPROVED

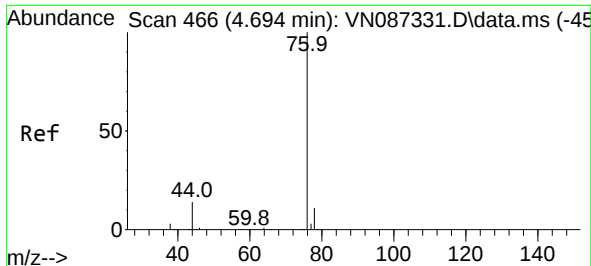
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 285.675 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Tgt Ion: 43 Resp: 541993
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5





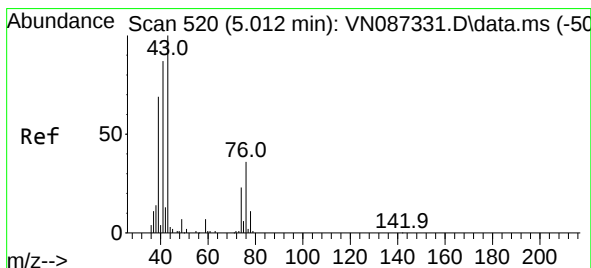
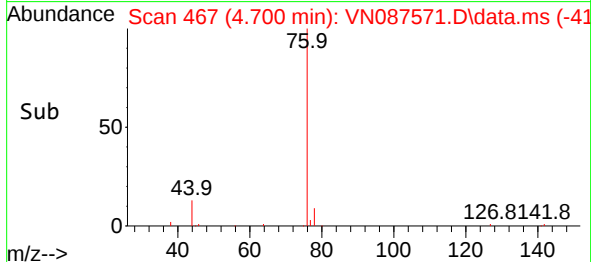
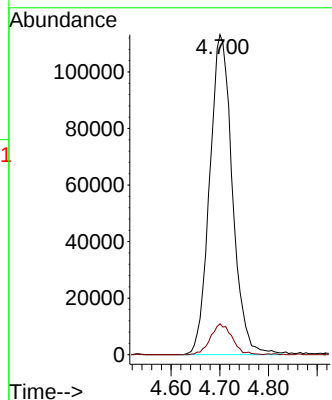
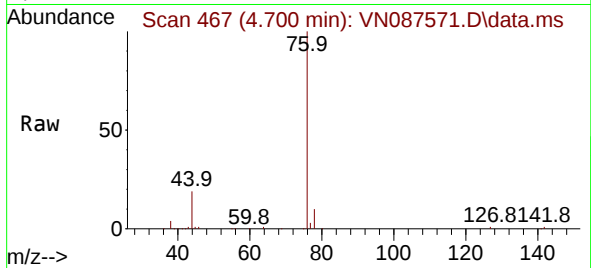
#17
Carbon Disulfide
Concen: 45.389 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 366394
Ion Ratio Lower Upper
76 100
78 9.6 8.6 13.0

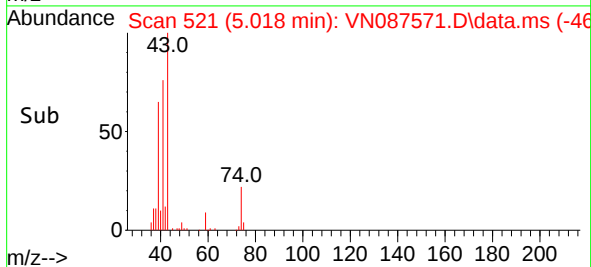
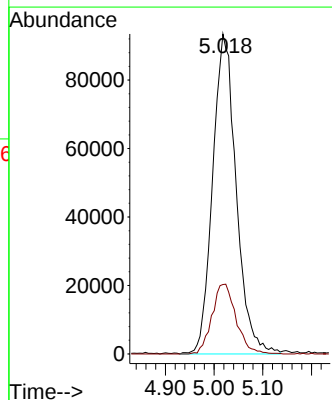
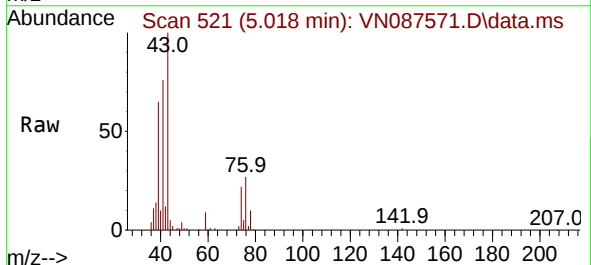
Manual Integrations
APPROVED

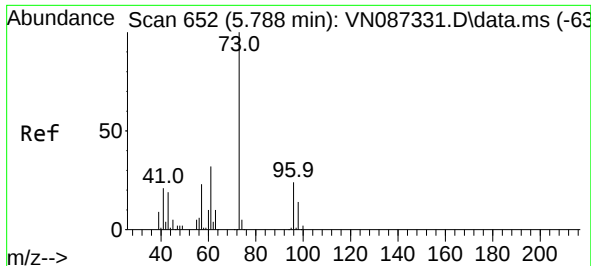
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 65.866 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

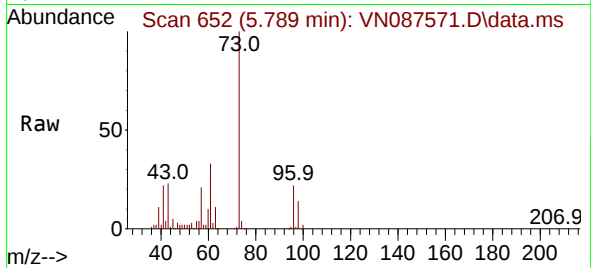
Tgt Ion: 43 Resp: 313957
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 60.297 ug/l
RT: 5.789 min Scan# 605133
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

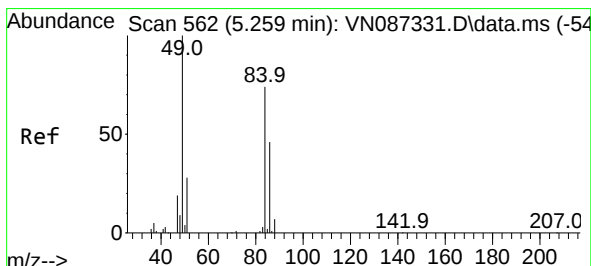
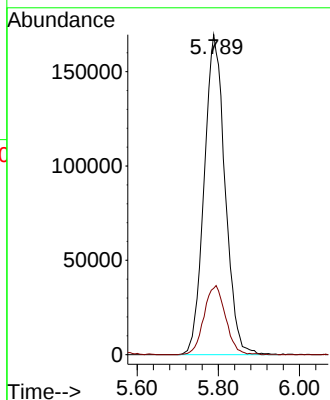
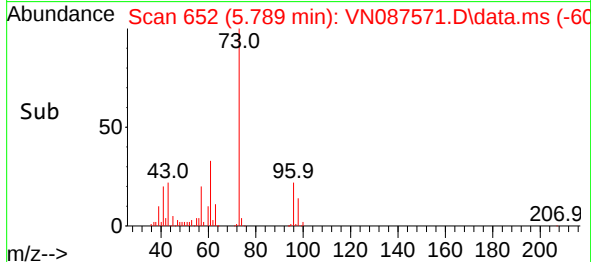
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 605133
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8

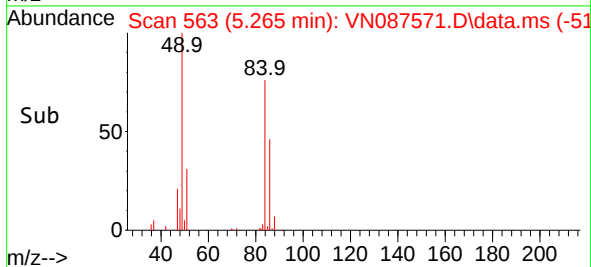
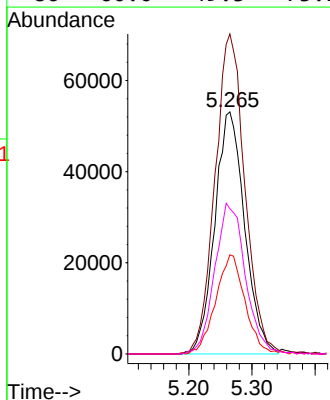
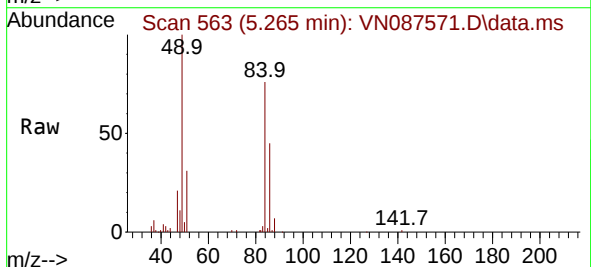
Manual Integrations
APPROVED

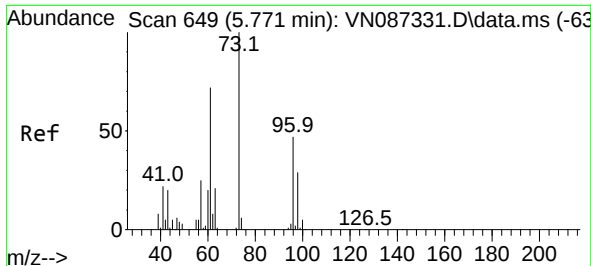
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 54.500 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

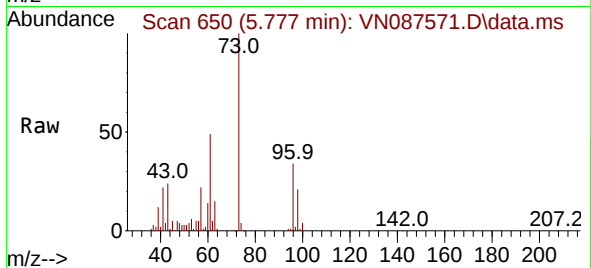
Tgt Ion: 84 Resp: 174610
Ion Ratio Lower Upper
84 100
49 132.2 107.5 161.3
51 41.0 30.2 45.2
86 60.0 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 49.367 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

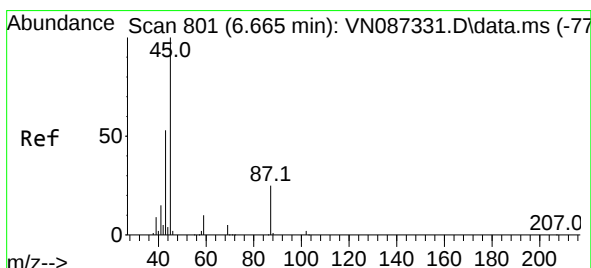
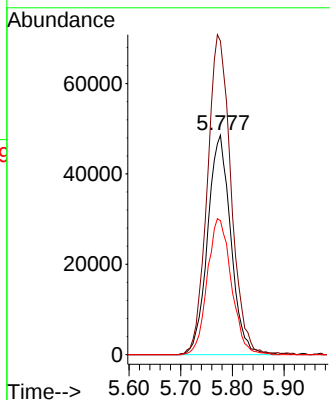
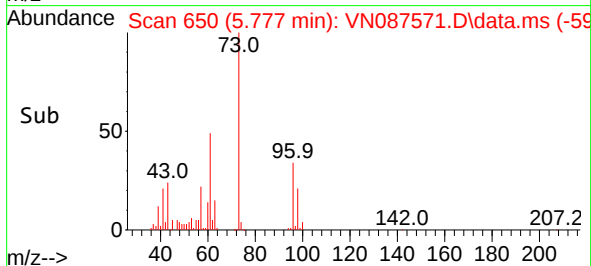
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15156
Ion Ratio Lower Upper
96 100
61 142.8 122.0 183.0
98 61.1 50.0 75.0

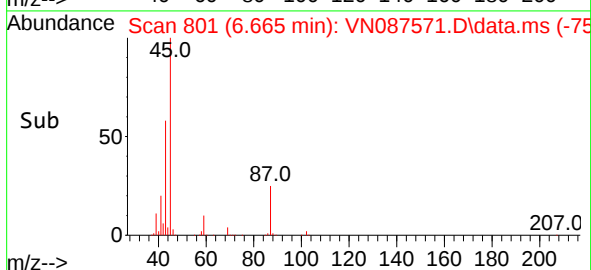
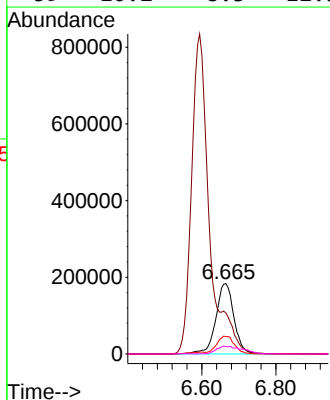
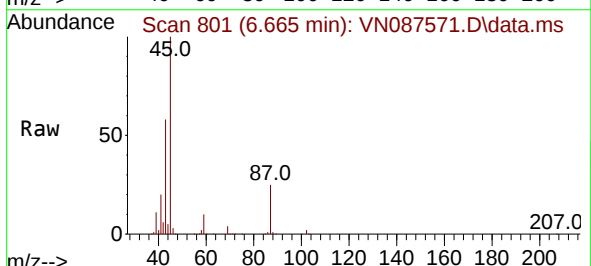
Manual Integrations
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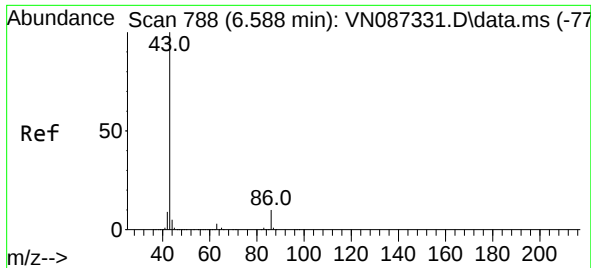
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 60.160 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

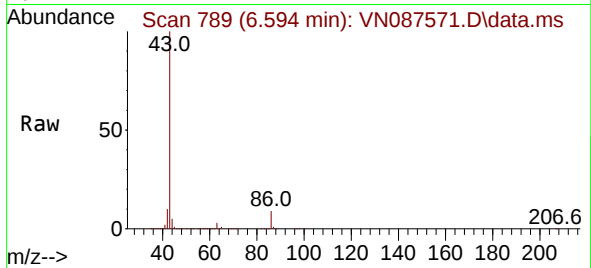
Tgt Ion: 45 Resp: 621814
Ion Ratio Lower Upper
45 100
43 57.7 42.8 64.2
87 24.5 19.8 29.6
59 10.2 8.3 12.5





#23
 Vinyl Acetate
 Concen: 305.725 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087571.D
 Acq: 14 Aug 2025 17:11

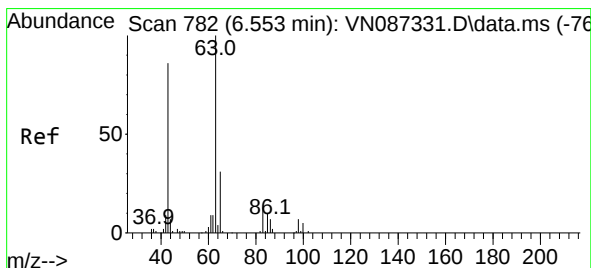
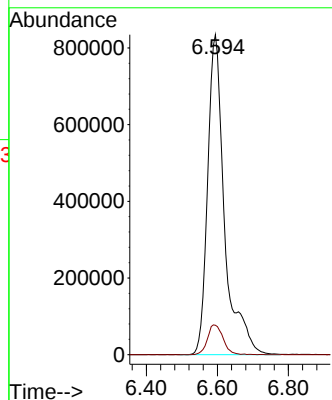
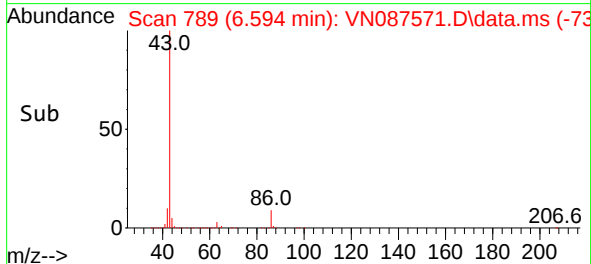
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 276371
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.7 11.5

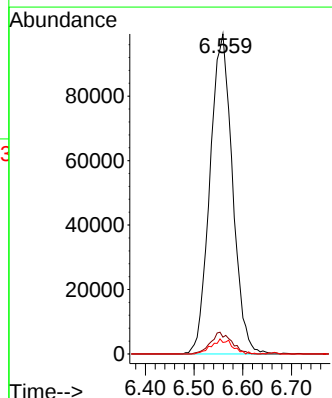
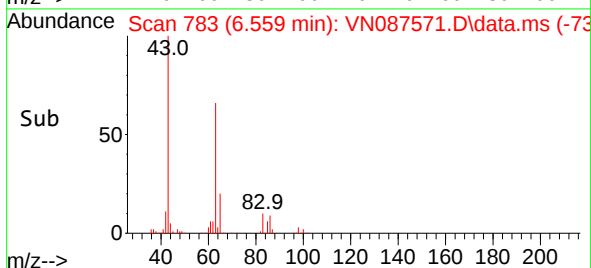
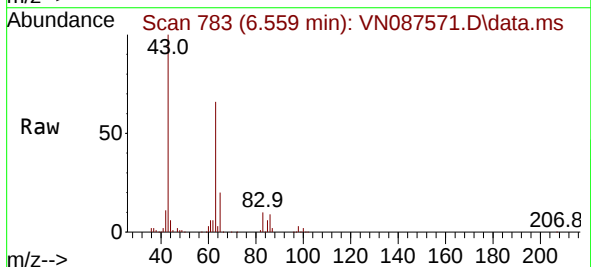
Manual Integrations
 APPROVED

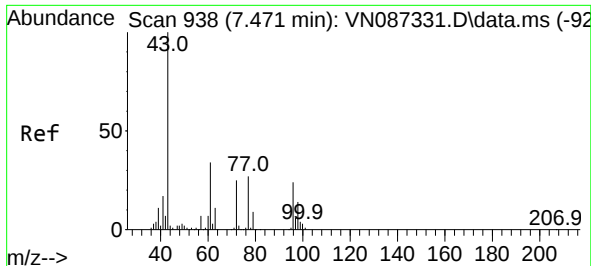
Reviewed By :John Carlone 08/15/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 53.420 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087571.D
 Acq: 14 Aug 2025 17:11

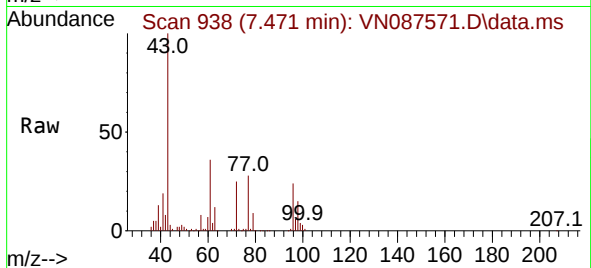
Tgt Ion: 63 Resp: 318547
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.9
 100 3.6 2.5 7.4





#25
2-Butanone
Concen: 281.735 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

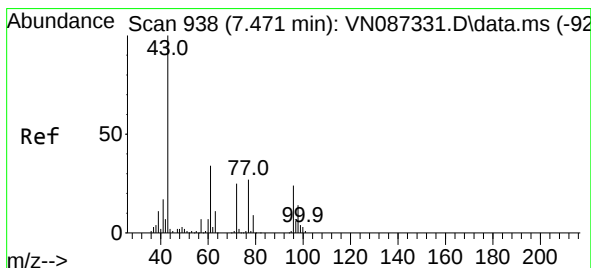
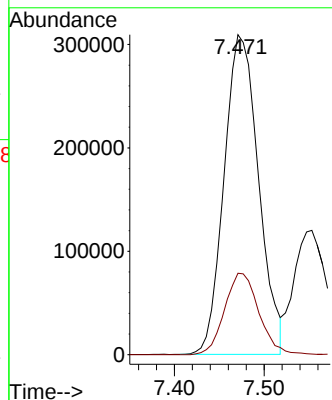
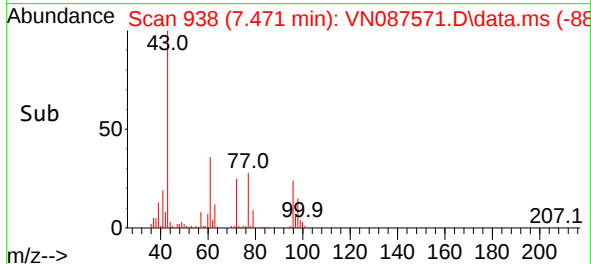
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



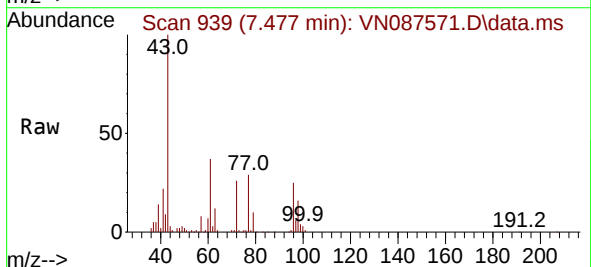
Tgt Ion: 43 Resp: 82588
Ion Ratio Lower Upper
43 100
72 25.5 19.6 29.4

Manual Integrations
APPROVED

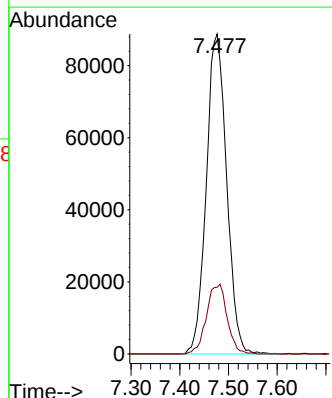
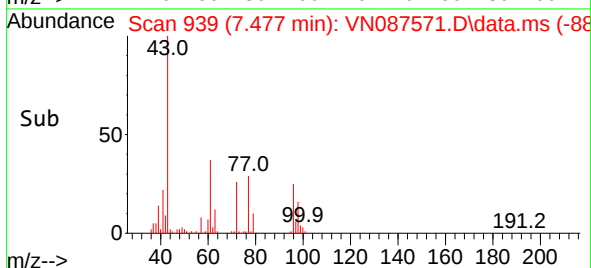
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

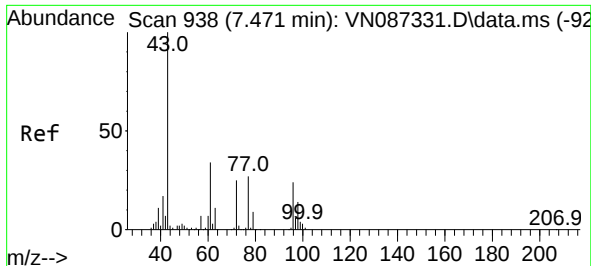


#26
2,2-Dichloropropane
Concen: 55.510 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



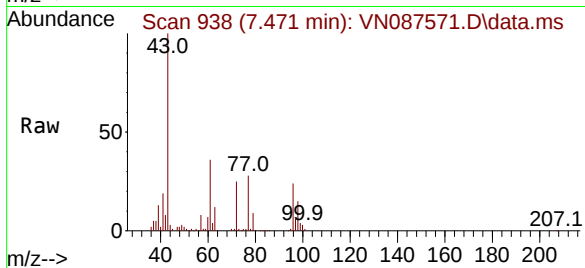
Tgt Ion: 77 Resp: 257353
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 55.681 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087571.D
 Acq: 14 Aug 2025 17:11

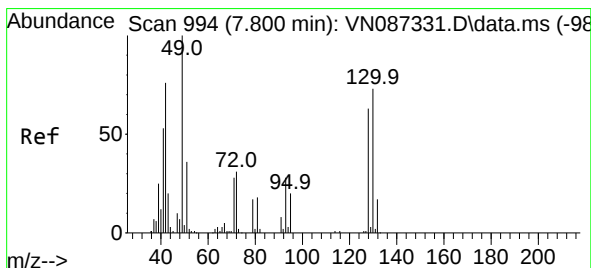
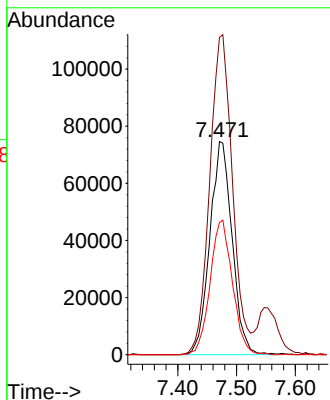
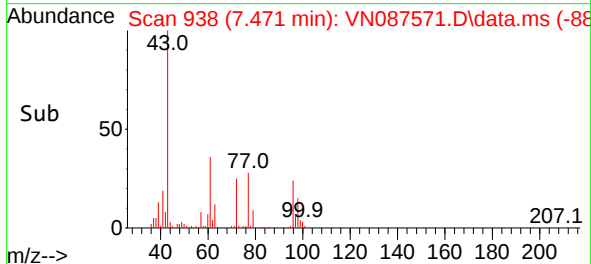
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 19680
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 297.8
 98 63.1 0.0 132.4

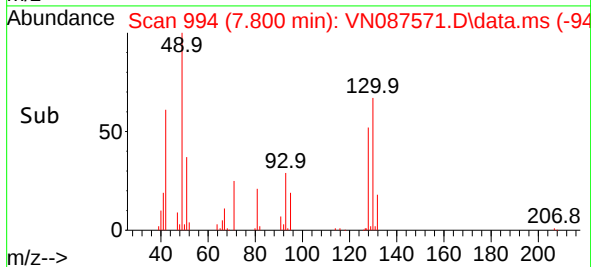
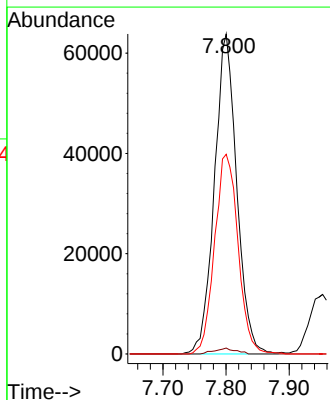
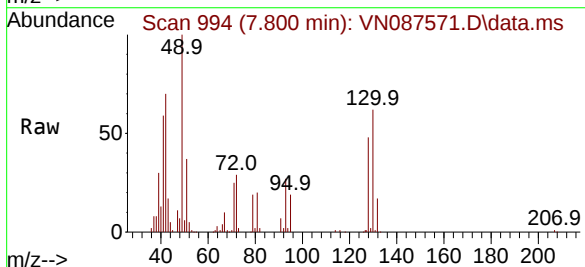
Manual Integrations
 APPROVED

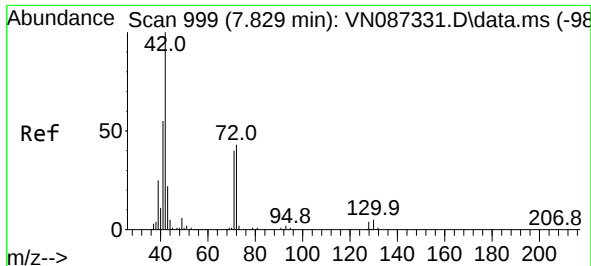
Reviewed By :John Carlone 08/15/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 54.960 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087571.D
 Acq: 14 Aug 2025 17:11

Tgt Ion: 49 Resp: 156850
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 65.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 283.456 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087571.D

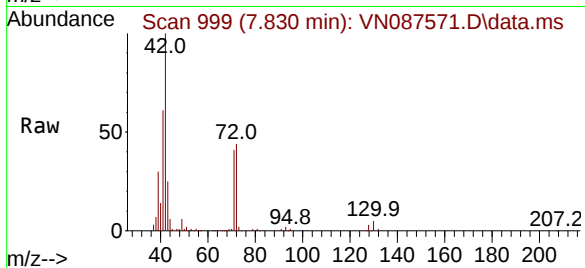
Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



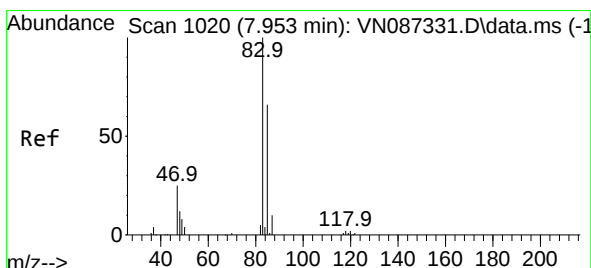
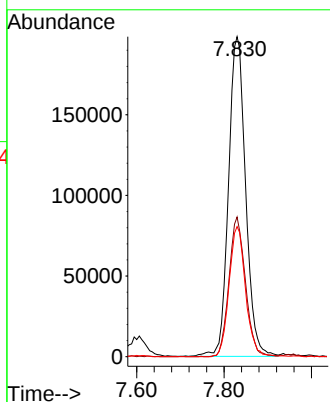
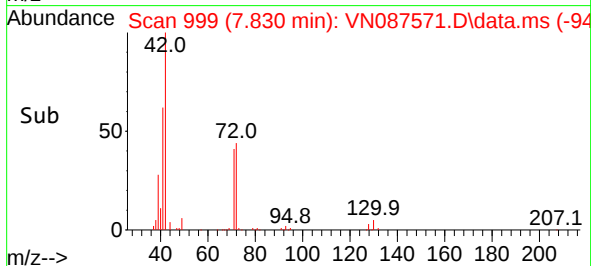
Tgt Ion:	42	Resp:	539794
Ion Ratio	100	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	39.2	31.2	46.8

Manual Integrations

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Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 56.819 ug/l

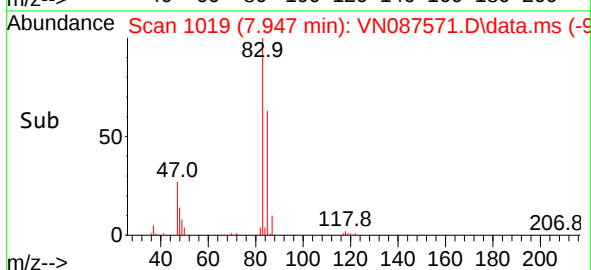
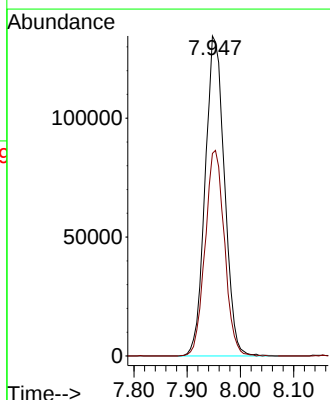
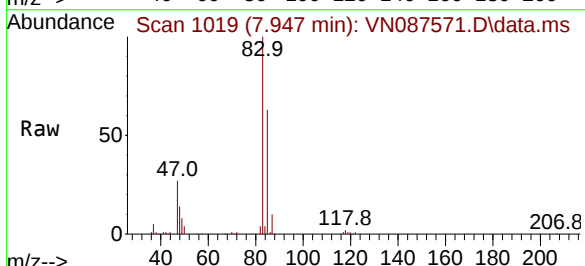
RT: 7.947 min Scan# 1019

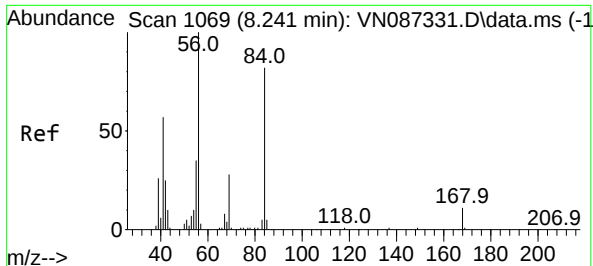
Delta R.T. -0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Tgt Ion:	83	Resp:	339135
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	52.7	79.1





#31

Cyclohexane

Concen: 49.835 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087571.D

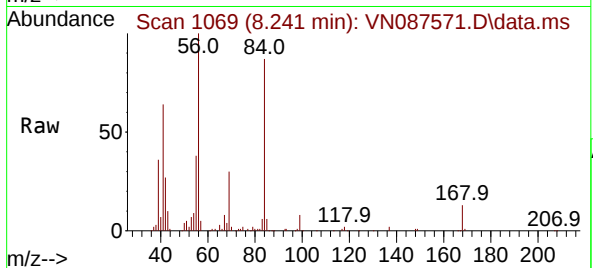
Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



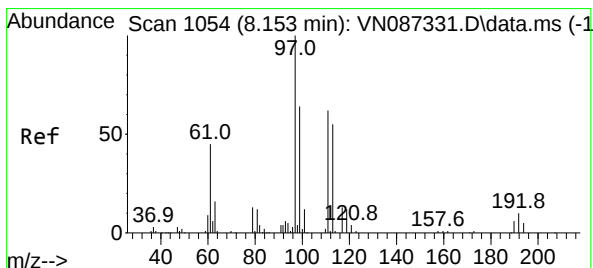
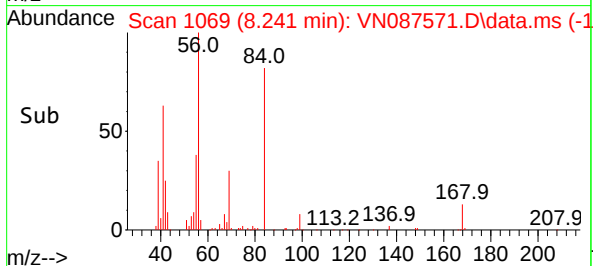
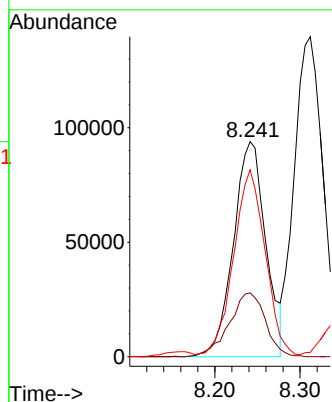
Tgt Ion:	56	69	84
Ratio	100	29.7	84.6
Lower		22.7	65.8
Upper		34.1	98.6

Manual Integrations

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Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#32

1,1,1-Trichloroethane

Concen: 53.267 ug/l

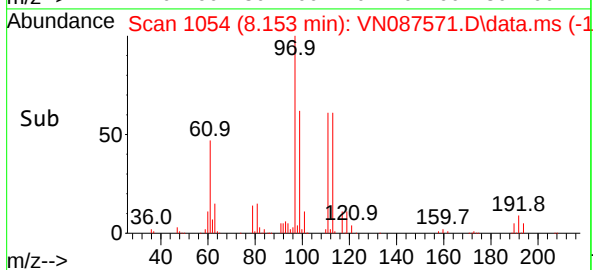
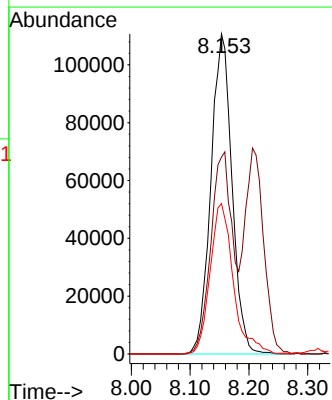
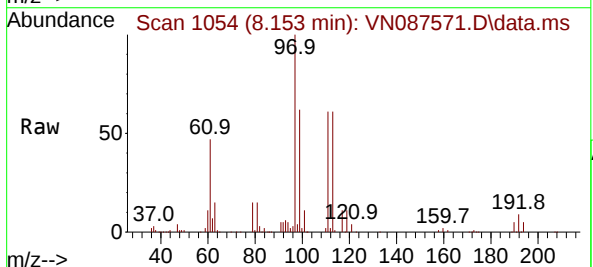
RT: 8.153 min Scan# 1054

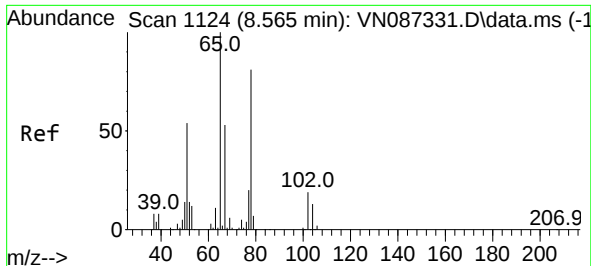
Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Tgt Ion:	97	99	61
Ratio	100	65.3	51.8
Lower		51.8	38.7
Upper		77.8	58.1





#33

1,2-Dichloroethane-d4

Concen: 56.103 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 227010

Ion Ratio Lower Upper

65 100

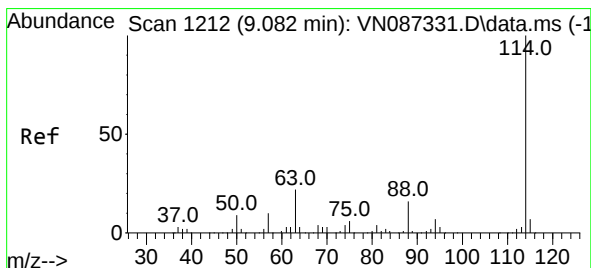
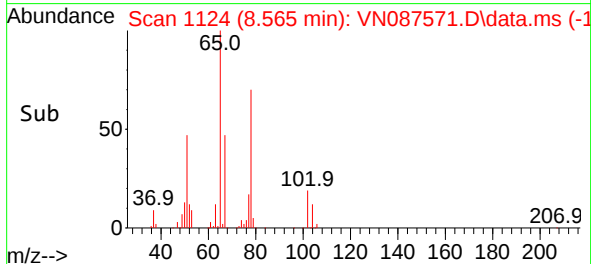
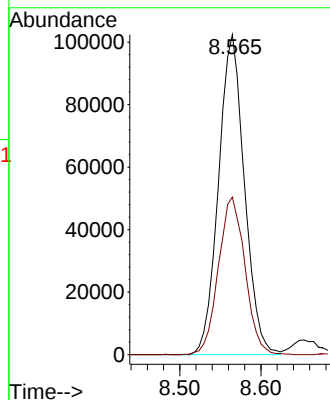
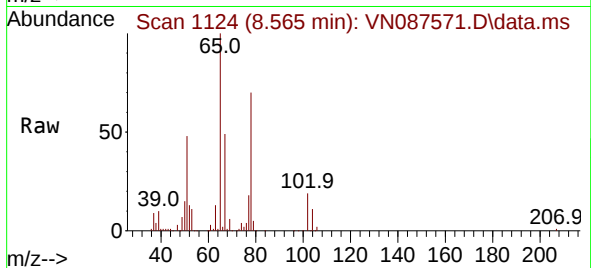
67 50.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

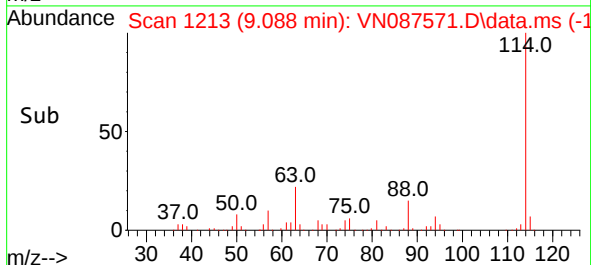
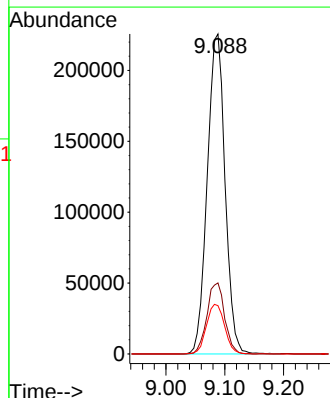
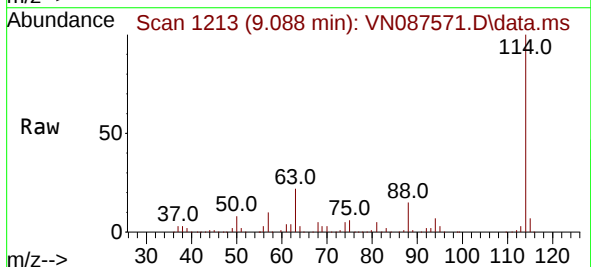
Tgt Ion:114 Resp: 474259

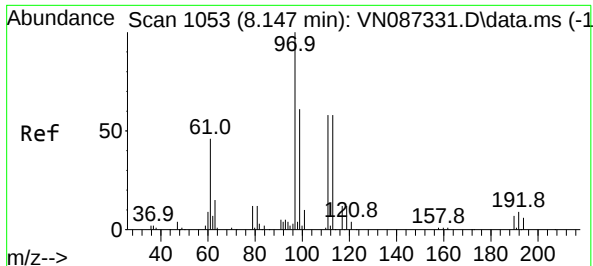
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.975 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 156940

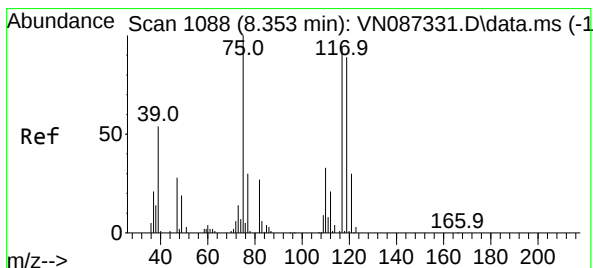
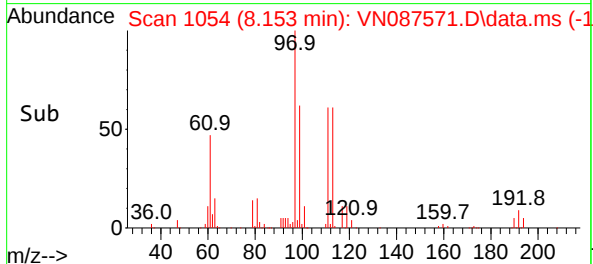
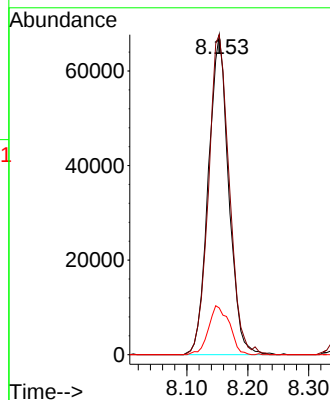
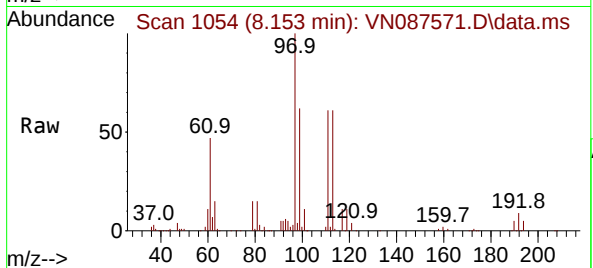
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	15.8	13.7	20.5

Manual Integrations

APPROVED

Reviewed By : John Carlone 08/15/2025

Supervised By : Mahesh Dadoda 08/19/2025



#36

1,1-Dichloropropene

Concen: 49.020 ug/l

RT: 8.353 min Scan# 1088

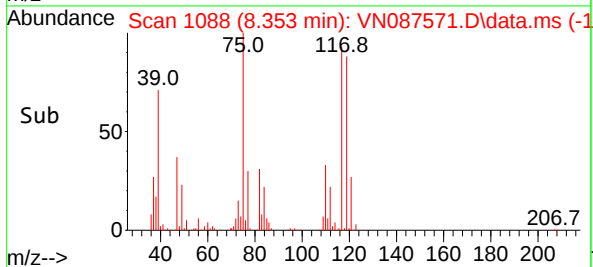
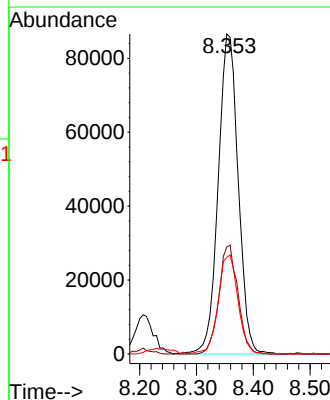
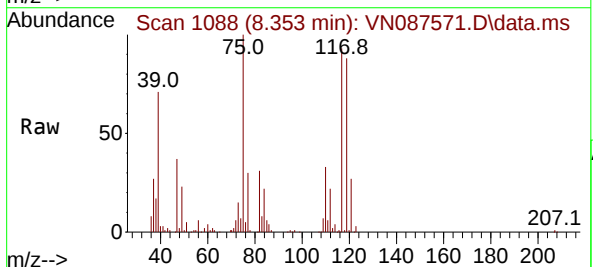
Delta R.T. 0.000 min

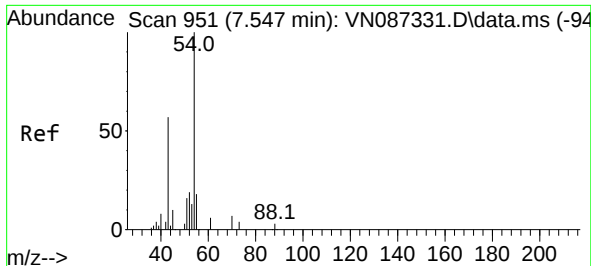
Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Tgt Ion: 75 Resp: 211872

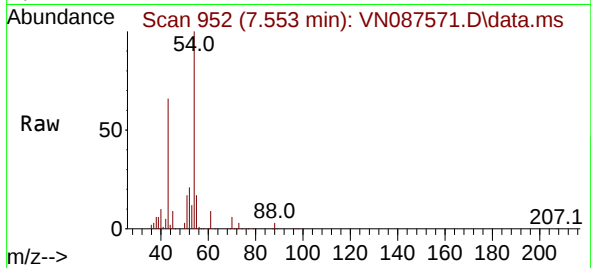
Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.7	50.1
77	30.8	25.2	37.8





#37
Ethyl Acetate
Concen: 51.129 ug/l
RT: 7.553 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

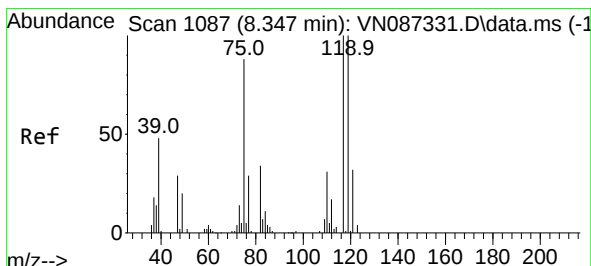
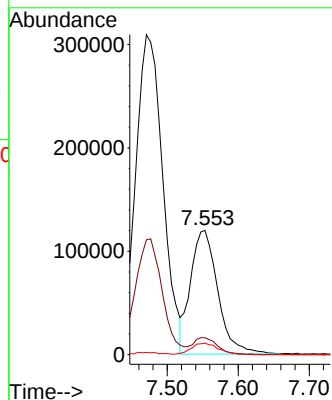
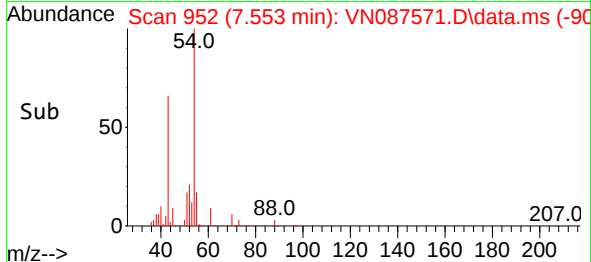
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31915
Ion Ratio Lower Upper
43 100
61 12.9 10.9 16.3
70 9.4 7.4 11.0

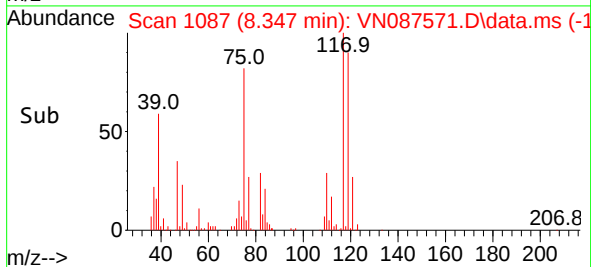
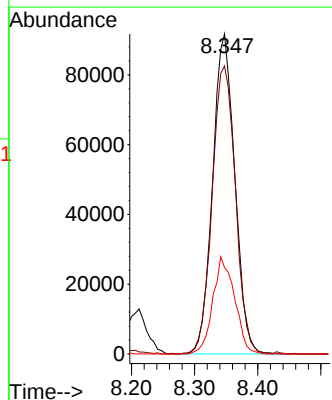
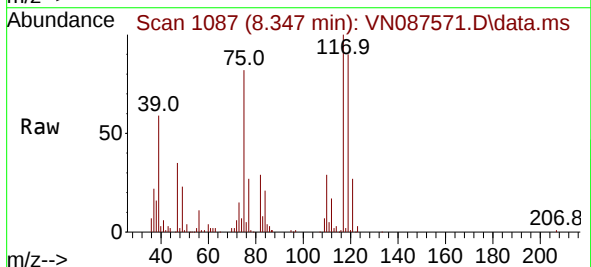
Manual Integrations
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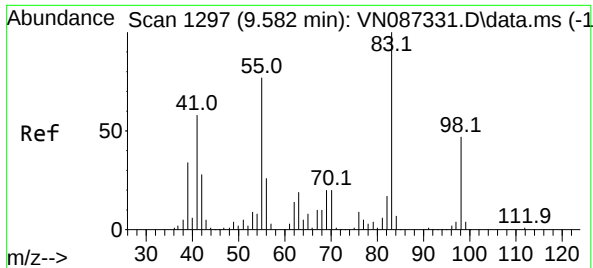
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 47.002 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Tgt Ion:117 Resp: 223786
Ion Ratio Lower Upper
117 100
119 90.0 80.2 120.2
121 27.0 25.4 38.2





#39

Methylcyclohexane

Concen: 49.620 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

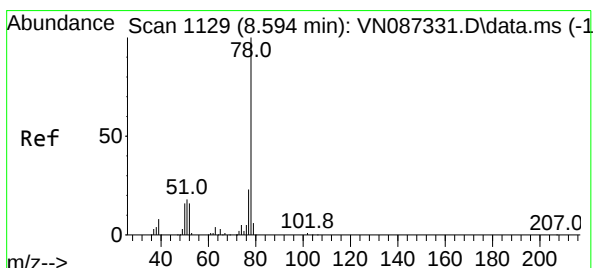
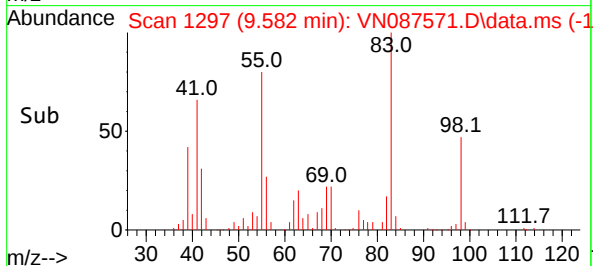
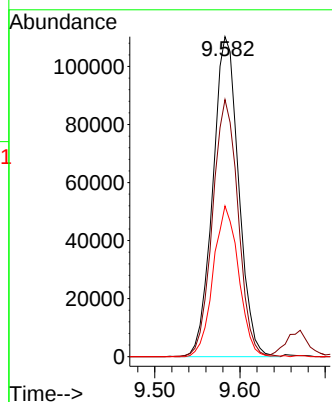
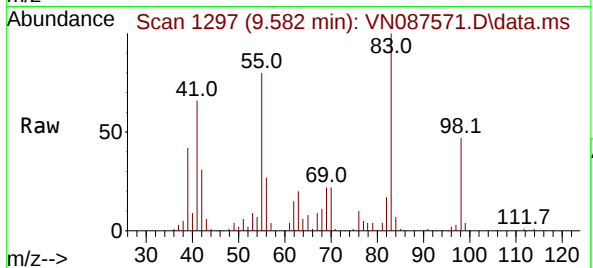
Tgt Ion: 83 Resp: 232185
 Ion Ratio Lower Upper
 83 100
 55 80.1 61.3 91.9
 98 47.1 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 49.422 ug/l

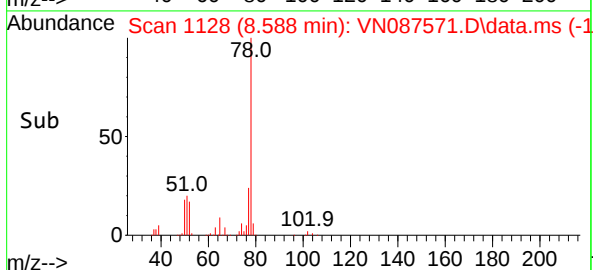
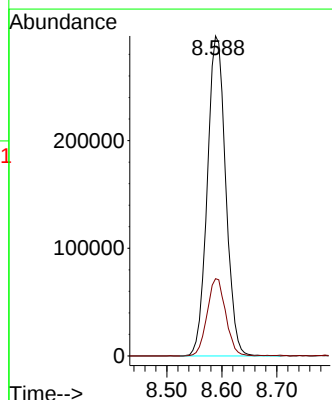
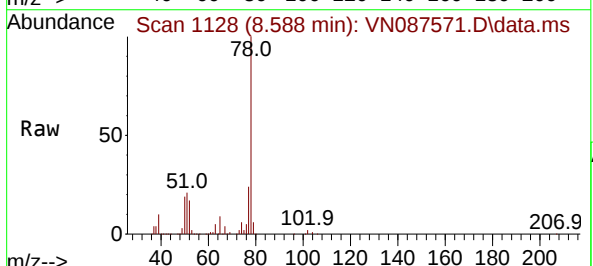
RT: 8.588 min Scan# 1128

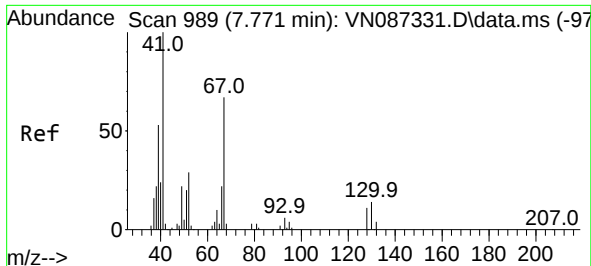
Delta R.T. -0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

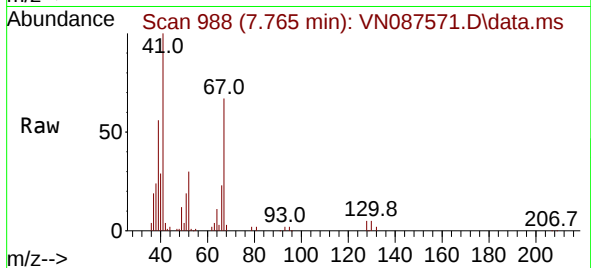
Tgt Ion: 78 Resp: 690385
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.2 27.2





#41
Methacrylonitrile
Concen: 54.241 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

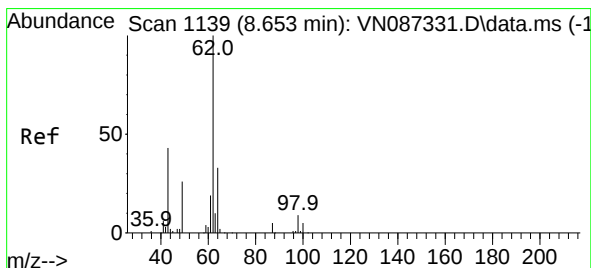
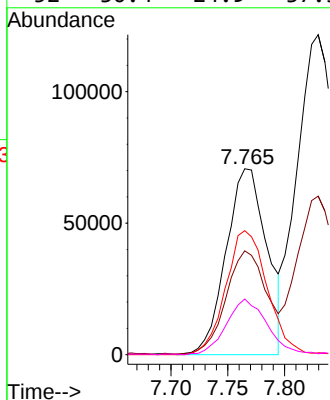
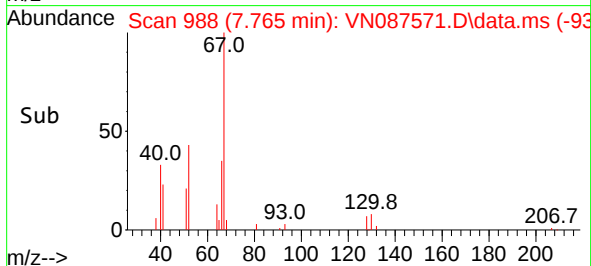
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 177039
Ion Ratio Lower Upper
41 100
39 56.1 43.4 65.0
67 68.2 55.1 82.7
52 30.4 24.9 37.3

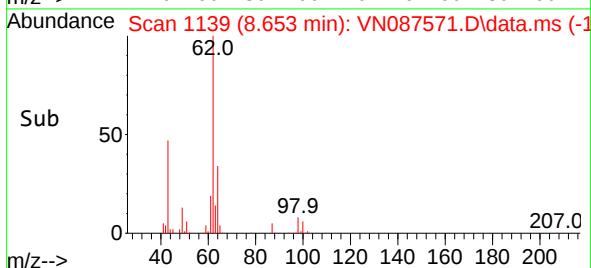
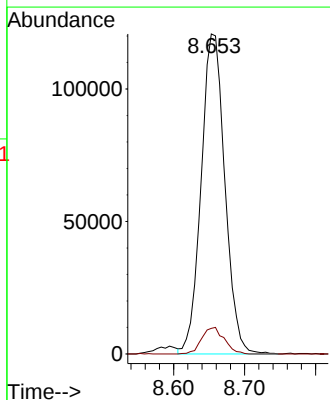
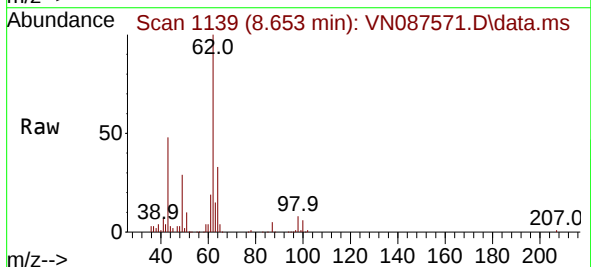
Manual Integrations
APPROVED

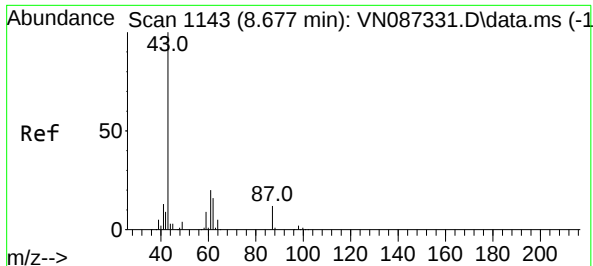
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 53.001 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

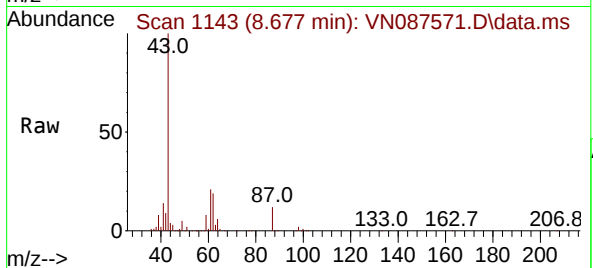
Tgt Ion: 62 Resp: 280771
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 54.118 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

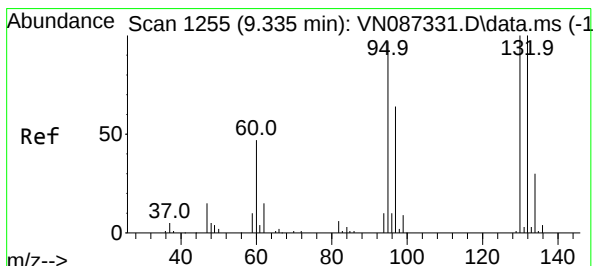
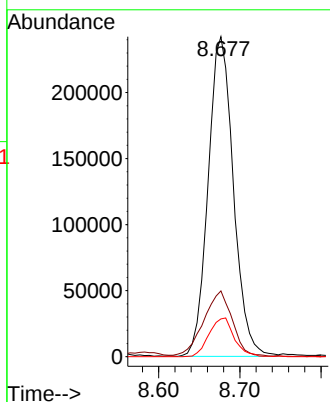
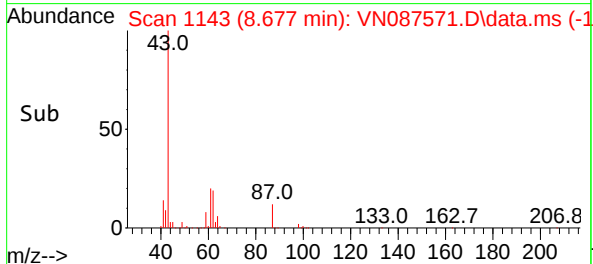
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



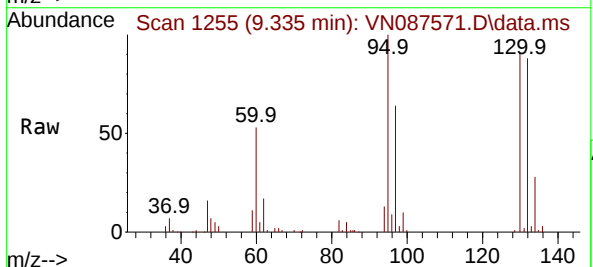
Tgt Ion: 43 Resp: 52440
Ion Ratio Lower Upper
43 100
61 23.4 19.8 29.8
87 12.0 9.8 14.6

Manual Integrations
APPROVED

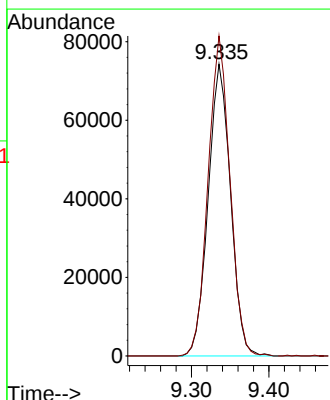
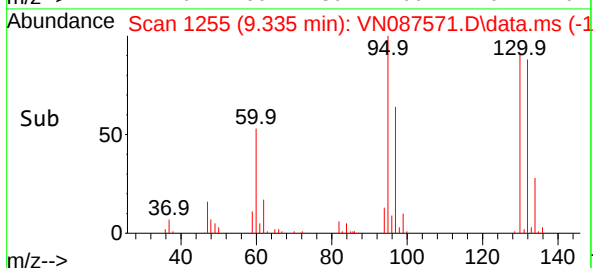
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

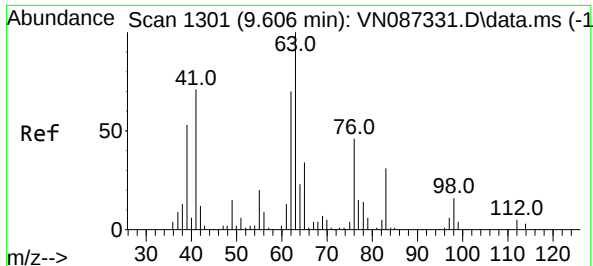


#44
Trichloroethene
Concen: 45.129 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



Tgt Ion:130 Resp: 148958
Ion Ratio Lower Upper
130 100
95 109.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.269 ug/l

RT: 9.600 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18197

Ion Ratio Lower Upper

63 100

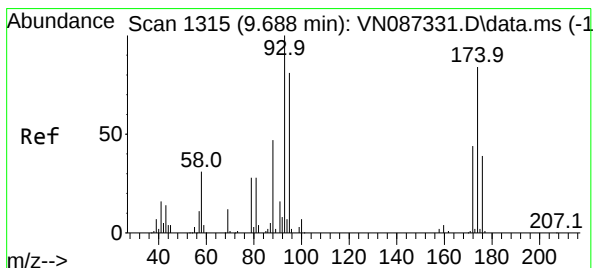
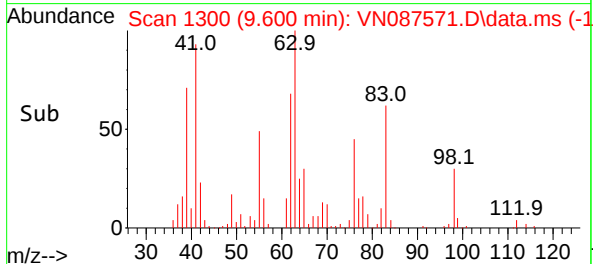
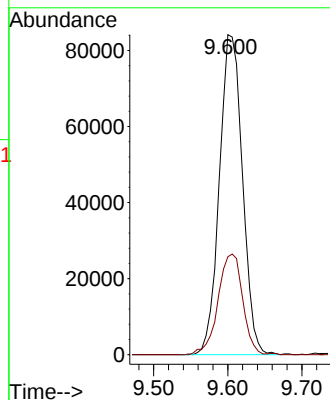
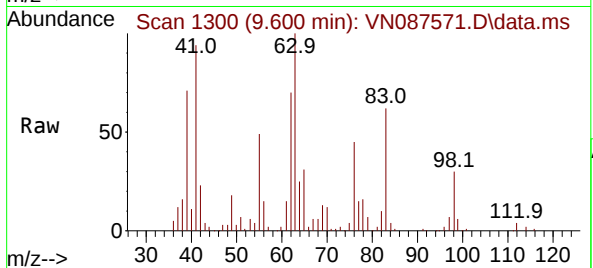
65 30.6 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 50.667 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

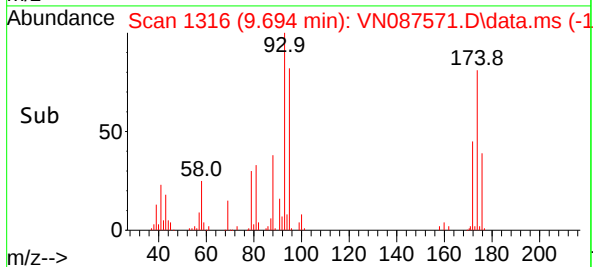
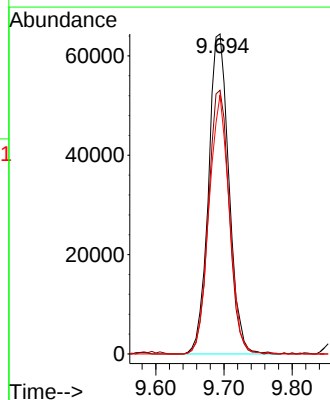
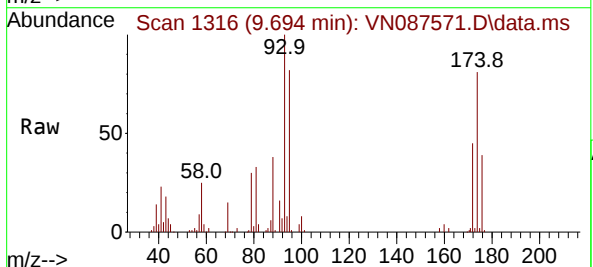
Tgt Ion: 93 Resp: 134650

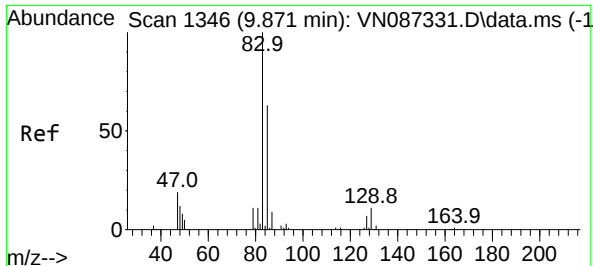
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

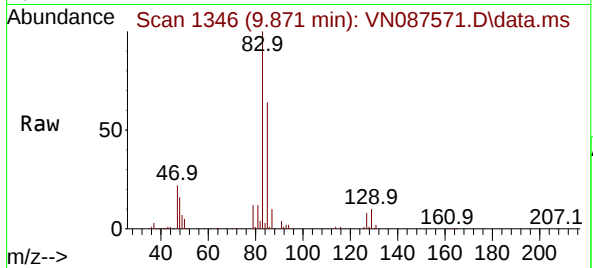
174 80.5 69.9 104.9





#47
Bromodichloromethane
Concen: 51.336 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

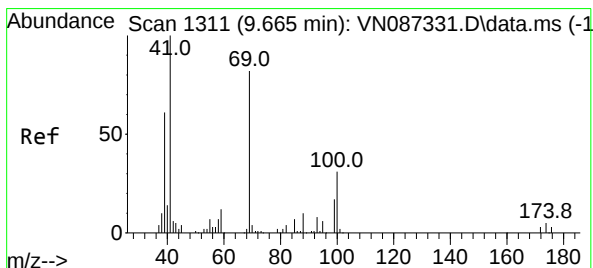
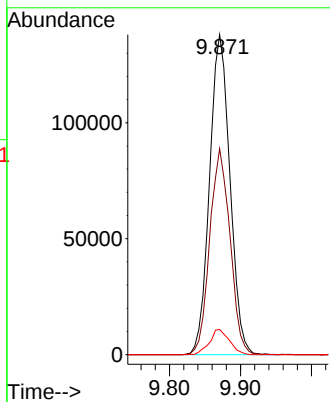
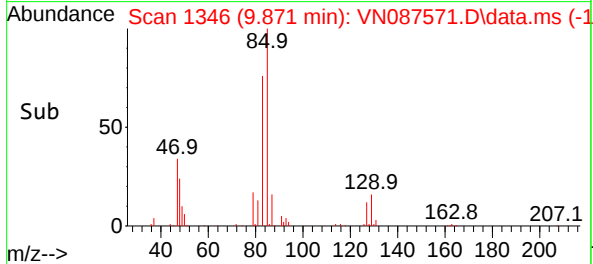
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 274799
Ion Ratio Lower Upper
83 100
85 64.3 50.4 75.6
127 7.9 5.8 8.8

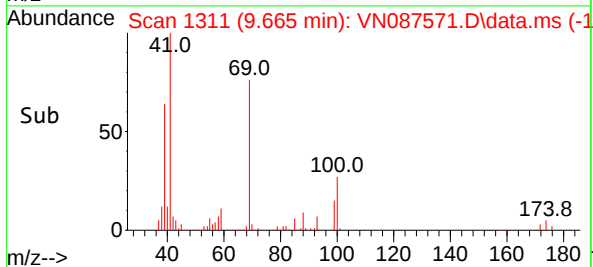
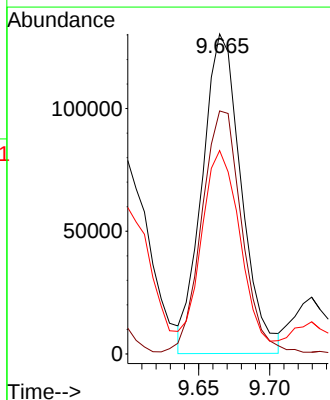
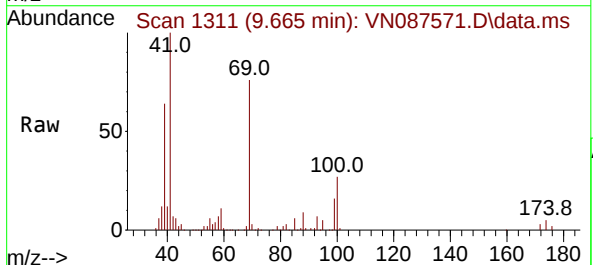
Manual Integrations
APPROVED

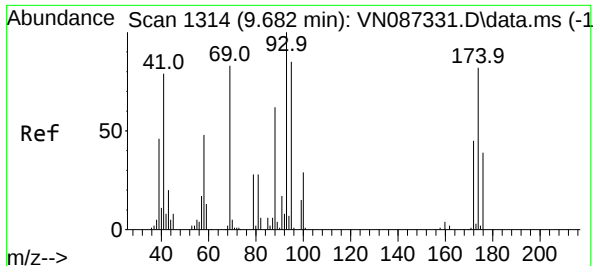
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 57.052 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Tgt Ion: 41 Resp: 248880
Ion Ratio Lower Upper
41 100
69 77.2 64.1 96.1
39 63.8 45.5 68.3





#49

1,4-Dioxane

Concen: 1073.907 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

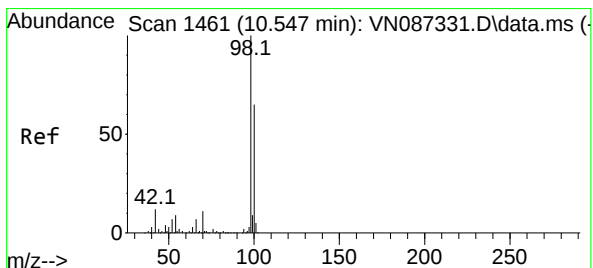
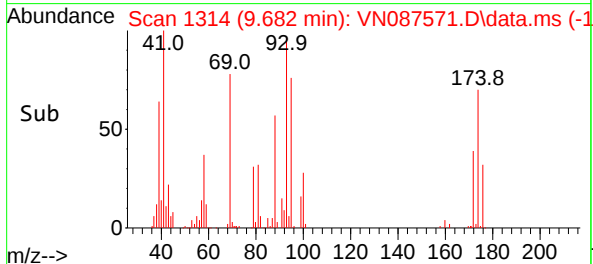
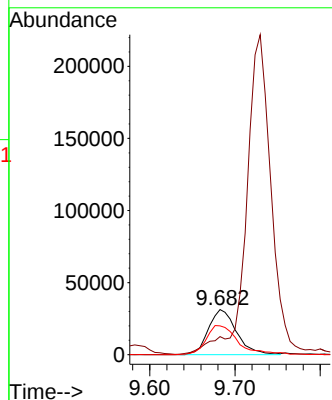
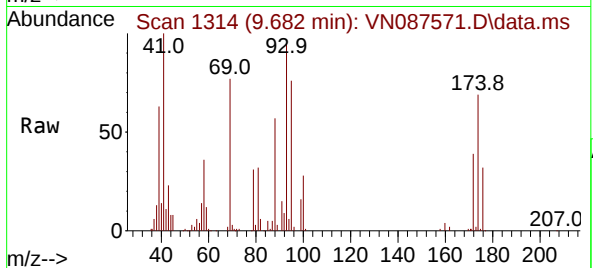
Tgt Ion: 88 Resp: 71752
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 73.7 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 47.618 ug/l

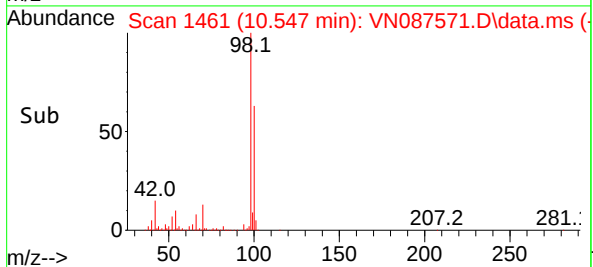
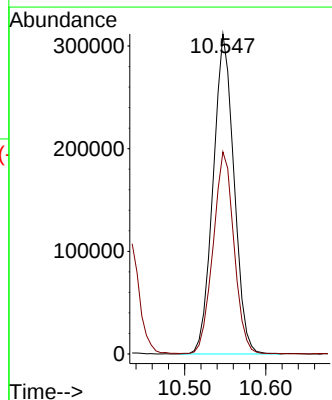
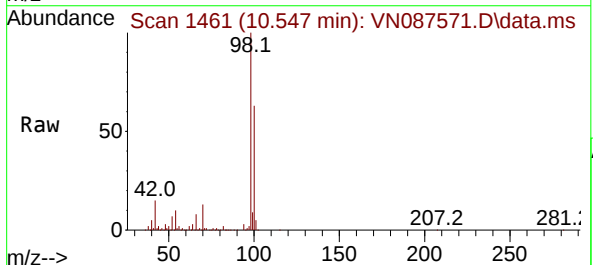
RT: 10.547 min Scan# 1461

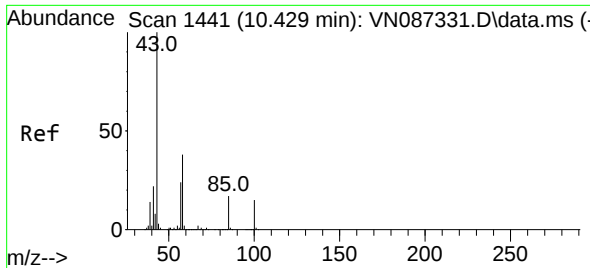
Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

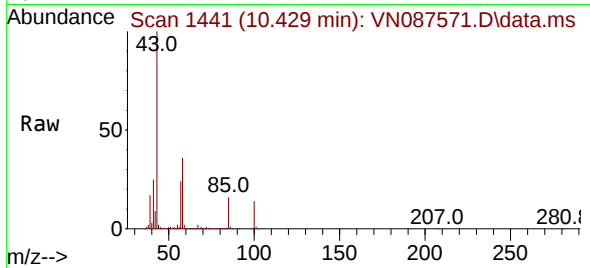
Tgt Ion: 98 Resp: 555686
 Ion Ratio Lower Upper
 98 100
 100 63.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 271.592 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

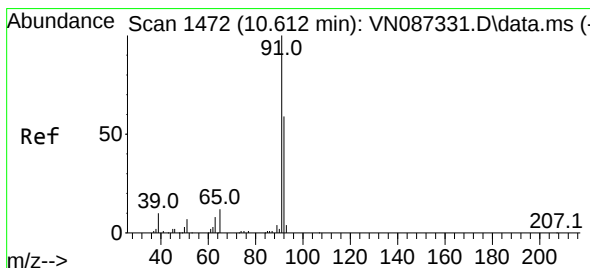
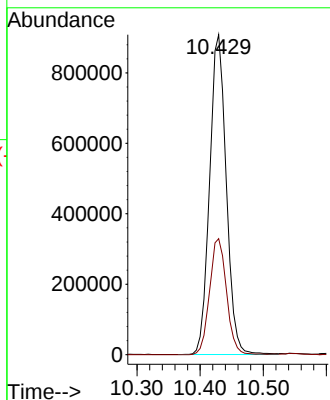
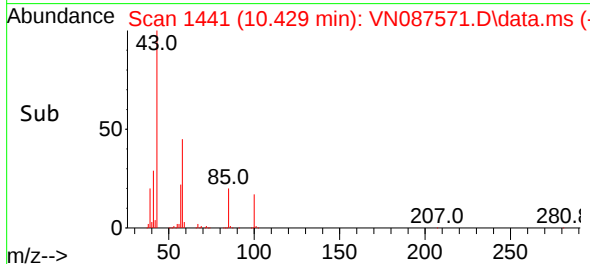
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



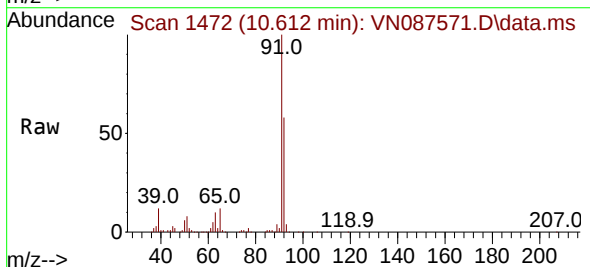
Tgt Ion: 43 Resp: 1664512
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

Manual Integrations
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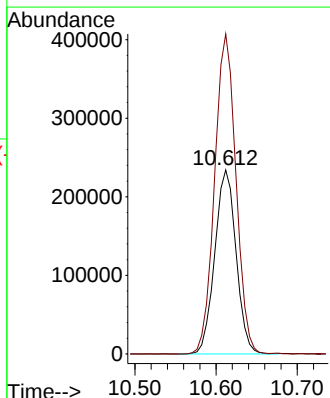
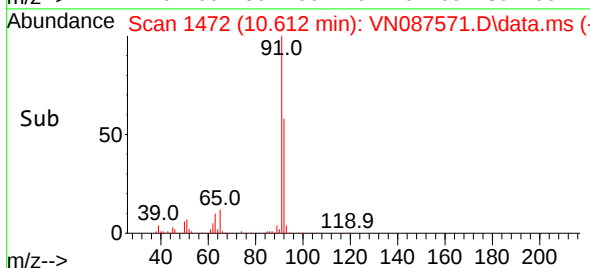
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

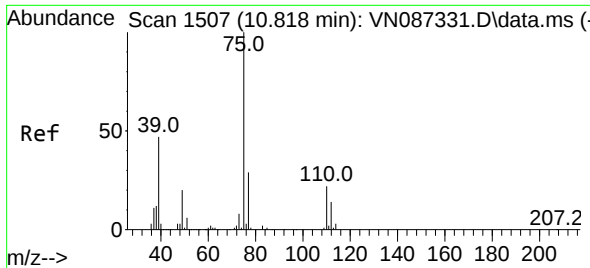


#52
Toluene
Concen: 50.344 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



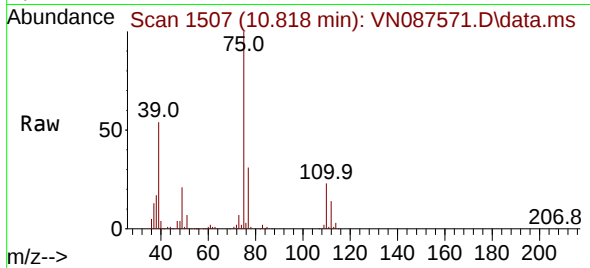
Tgt Ion: 92 Resp: 427455
Ion Ratio Lower Upper
92 100
91 174.3 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 54.160 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

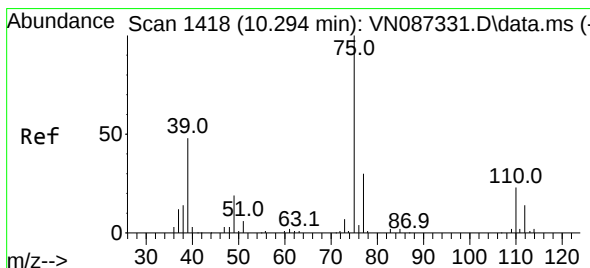
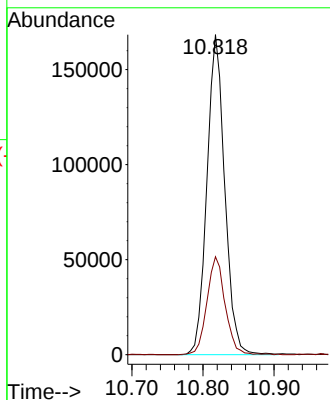
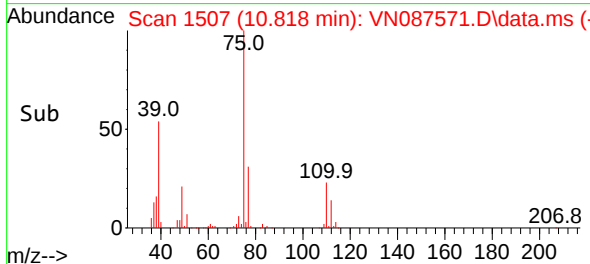
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 293410
Ion Ratio Lower Upper
75 100
77 30.6 23.6 35.4

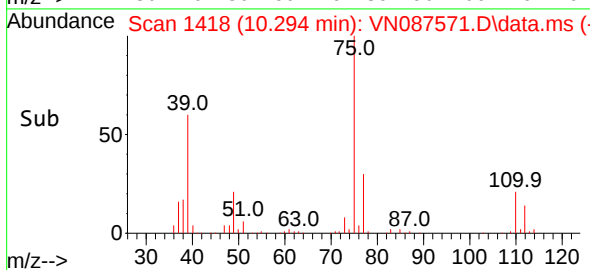
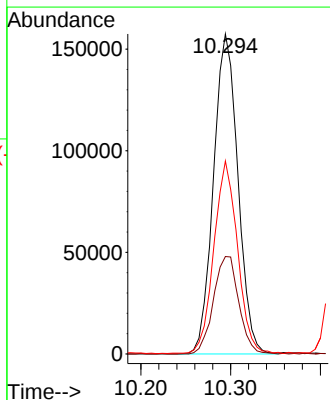
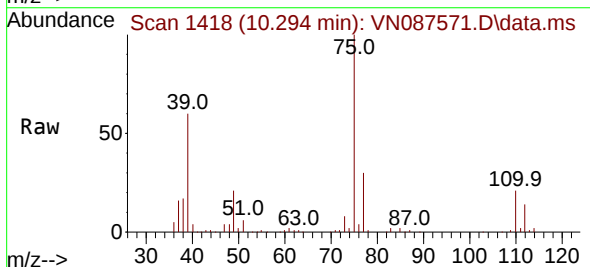
Manual Integrations
APPROVED

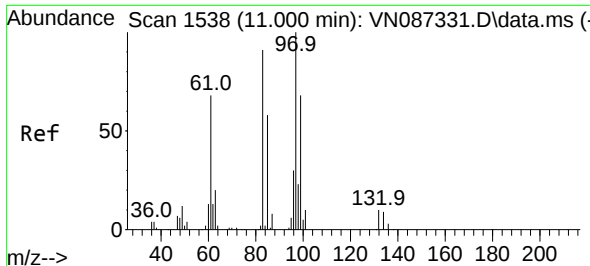
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#54
cis-1,3-Dichloropropene
Concen: 53.114 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

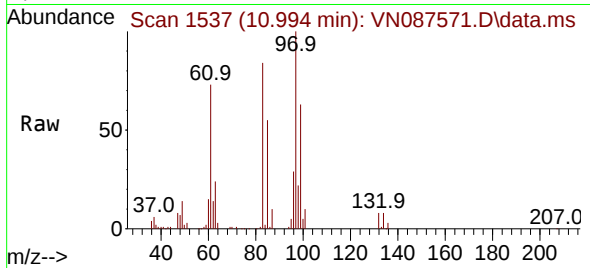
Tgt Ion: 75 Resp: 297225
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2
39 60.1 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 51.213 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

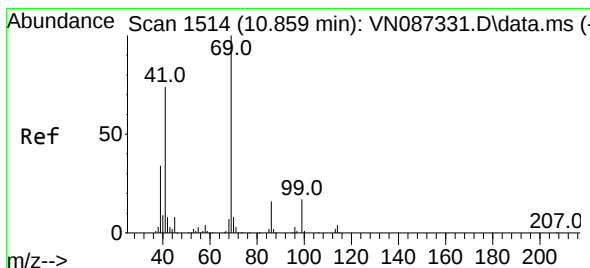
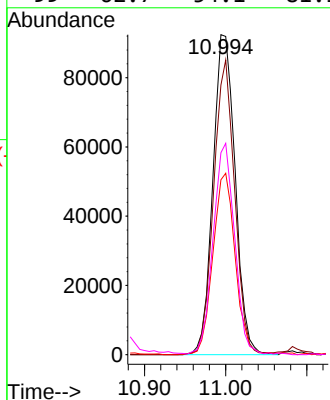
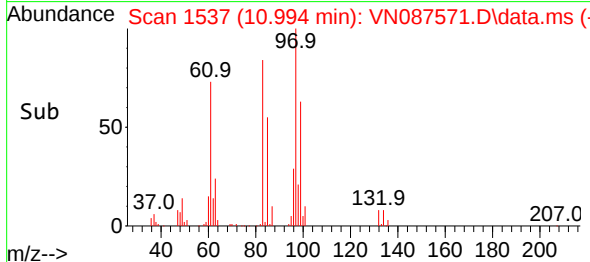
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 17604
Ion Ratio Lower Upper
97 100
83 84.3 72.6 109.0
85 54.6 46.7 70.1
99 62.7 54.1 81.1

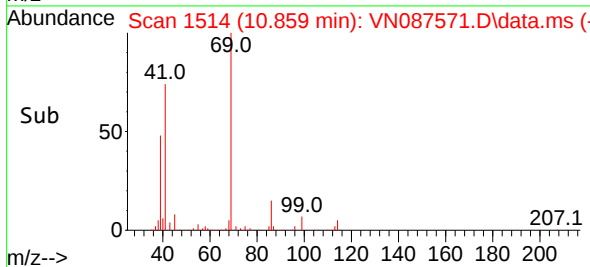
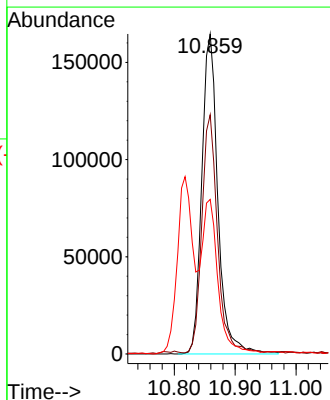
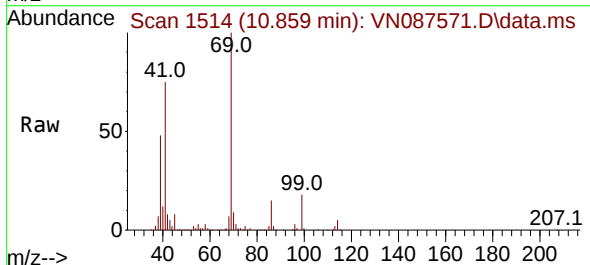
Manual Integrations
APPROVED

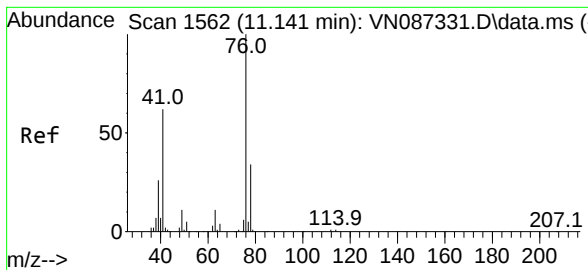
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#56
Ethyl methacrylate
Concen: 52.303 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

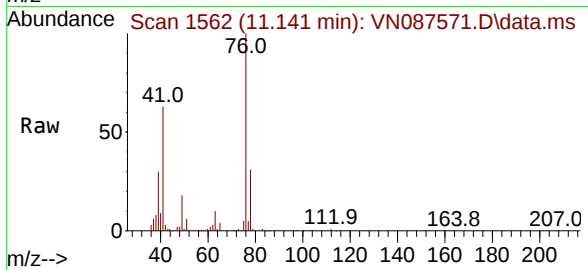
Tgt Ion: 69 Resp: 302892
Ion Ratio Lower Upper
69 100
41 72.3 55.1 82.7
39 48.9 27.9 41.9#





#57
1,3-Dichloropropane
Concen: 52.314 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

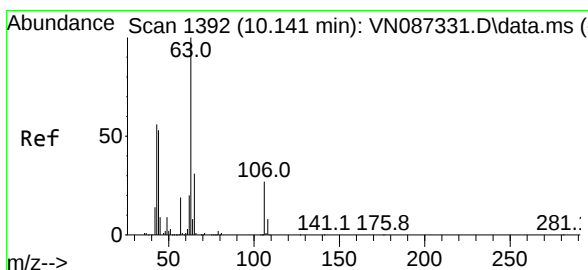
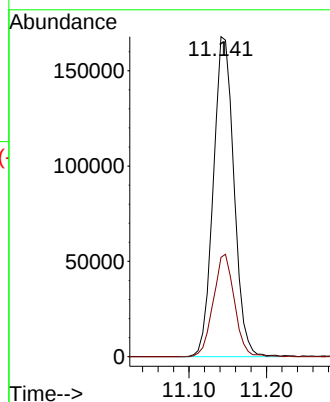
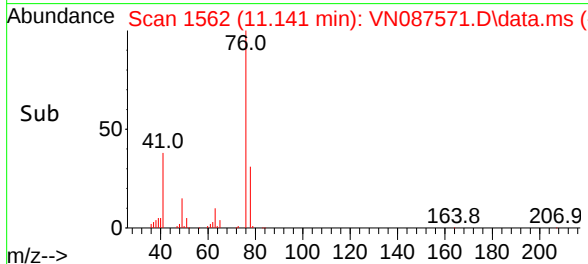
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



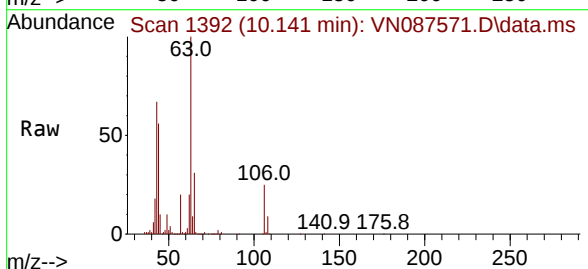
Tgt Ion: 76 Resp: 310920
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

Manual Integrations
APPROVED

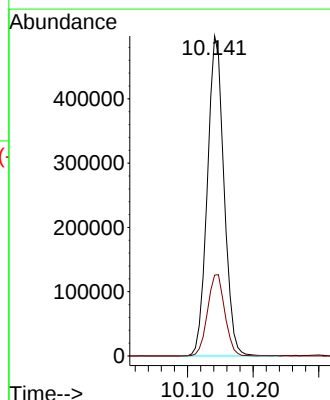
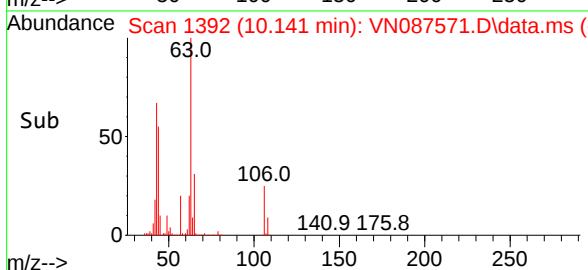
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

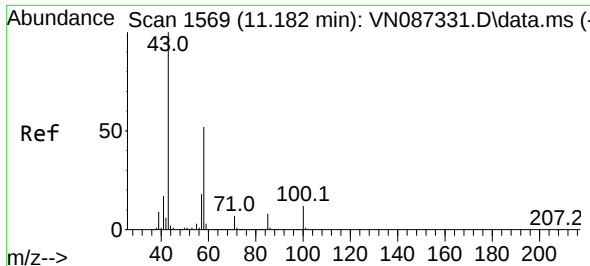


#58
2-Chloroethyl Vinyl ether
Concen: 311.100 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



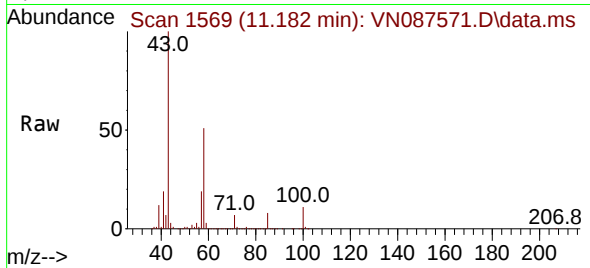
Tgt Ion: 63 Resp: 877252
Ion Ratio Lower Upper
63 100
106 26.4 21.7 32.5





#59
2-Hexanone
Concen: 284.353 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

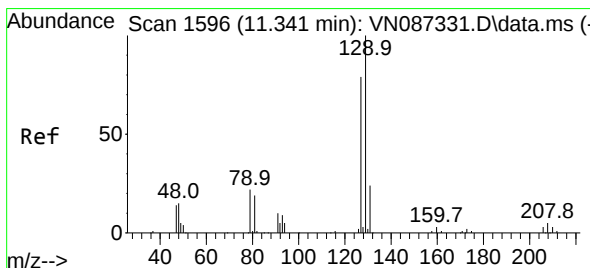
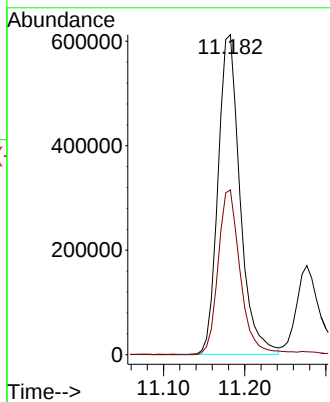
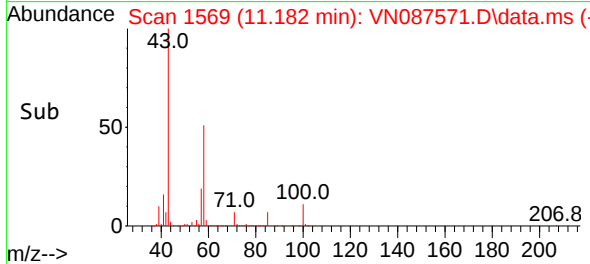
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1156224
Ion Ratio Lower Upper
43 100
58 52.1 26.7 80.0

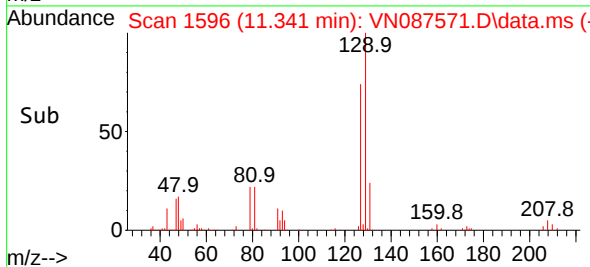
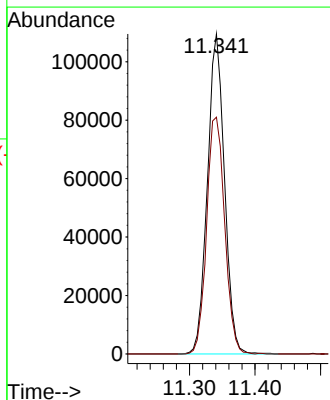
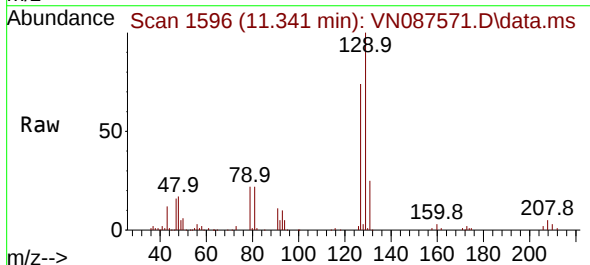
Manual Integrations
APPROVED

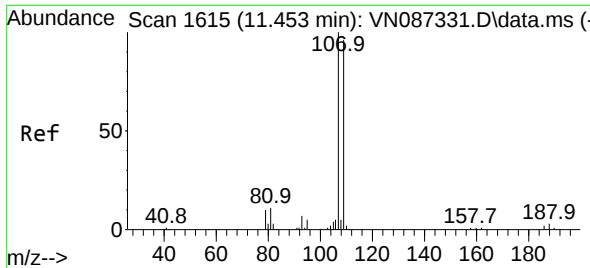
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 50.559 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

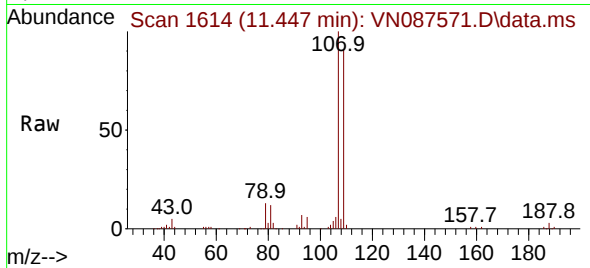
Tgt Ion:129 Resp: 198203
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.5





#61
1,2-Dibromoethane
Concen: 51.178 ug/l
RT: 11.447 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

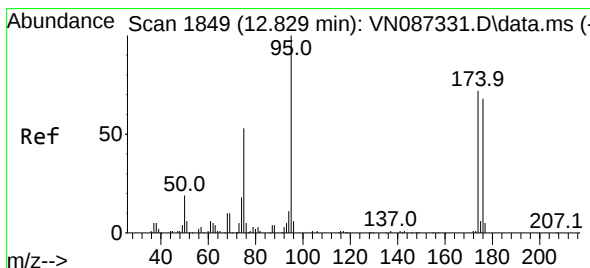
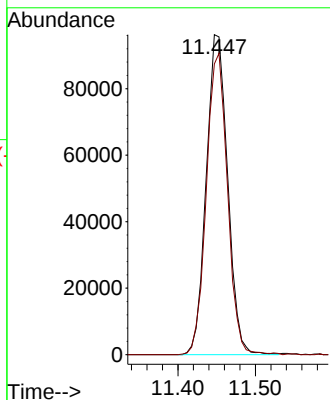
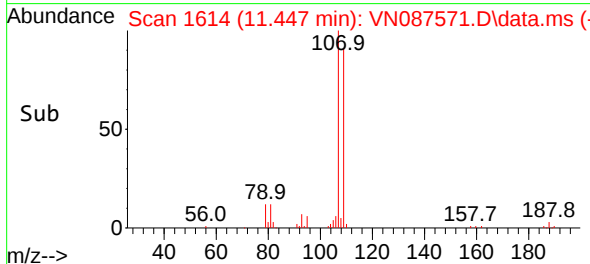
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 184970
Ion Ratio Lower Upper
107 100
109 92.8 77.5 116.3

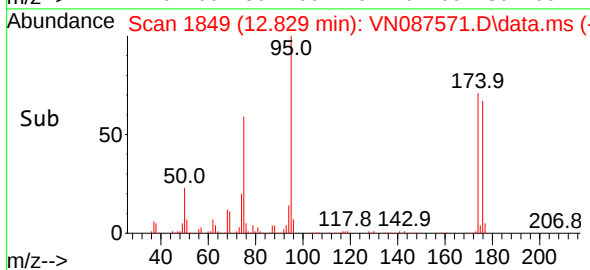
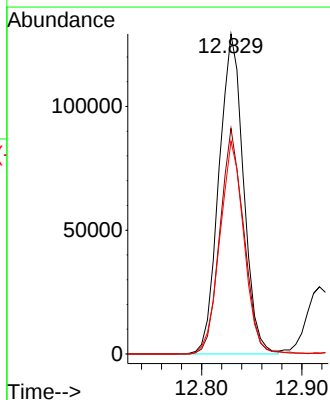
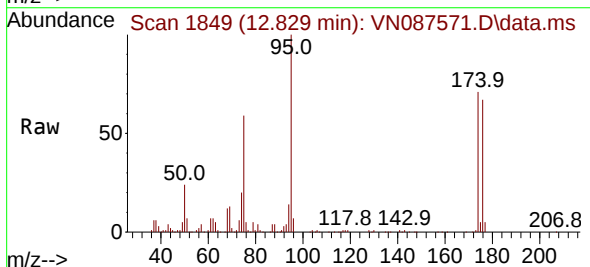
Manual Integrations
APPROVED

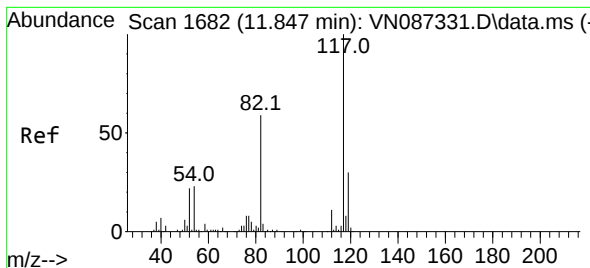
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#62
4-Bromofluorobenzene
Concen: 50.895 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

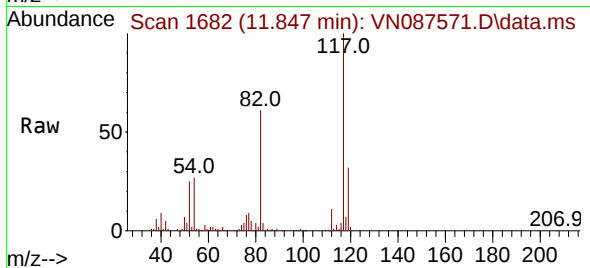
Tgt Ion: 95 Resp: 219428
Ion Ratio Lower Upper
95 100
174 68.5 0.0 149.4
176 65.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

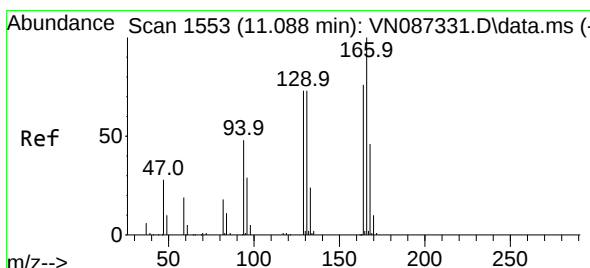
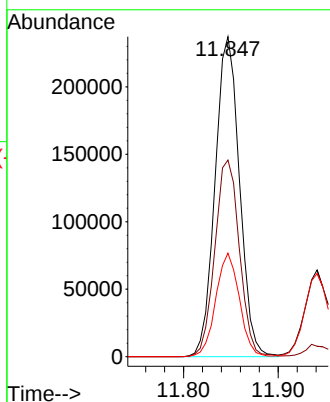
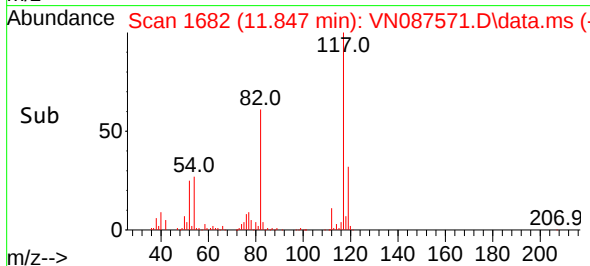
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 425220
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.3 23.8 35.8

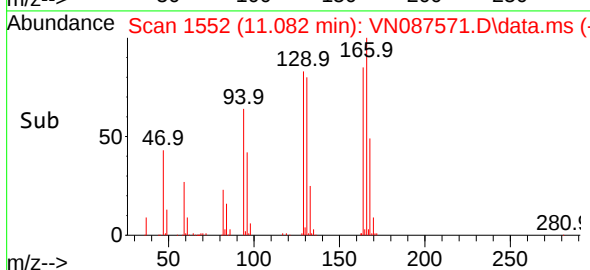
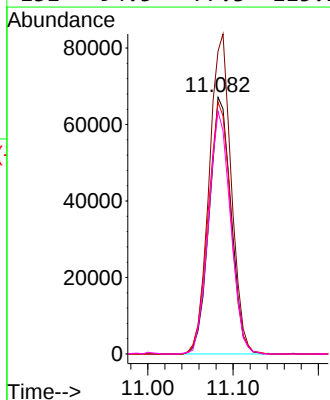
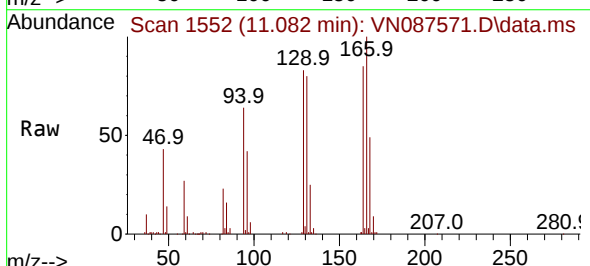
Manual Integrations
APPROVED

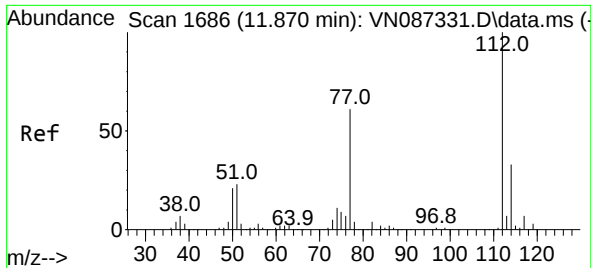
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 43.693 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Tgt Ion:164 Resp: 119577
Ion Ratio Lower Upper
164 100
166 118.0 105.5 158.3
129 98.1 77.4 116.2
131 94.5 77.3 115.9





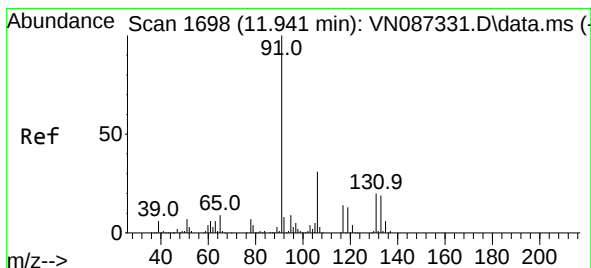
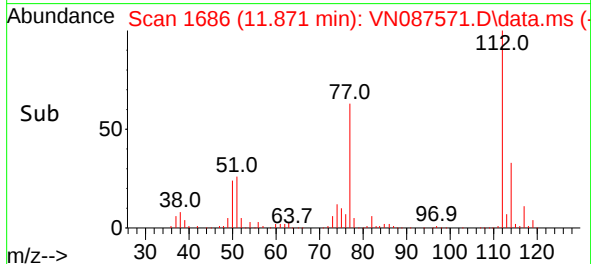
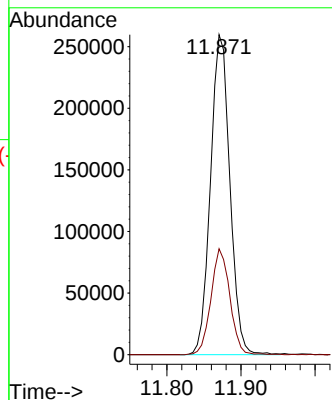
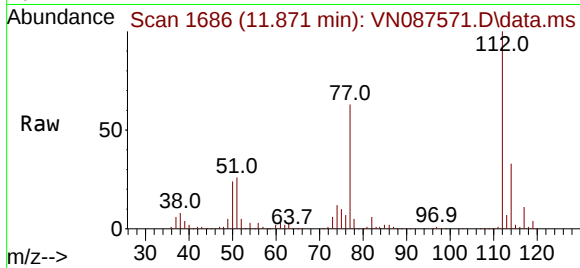
#65
Chlorobenzene
Concen: 49.447 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 472059
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7

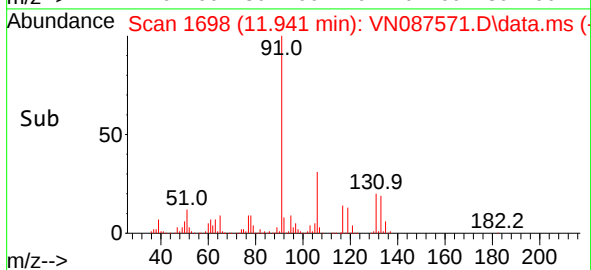
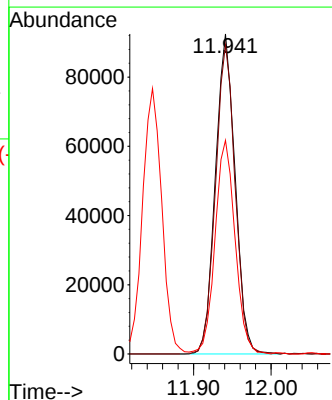
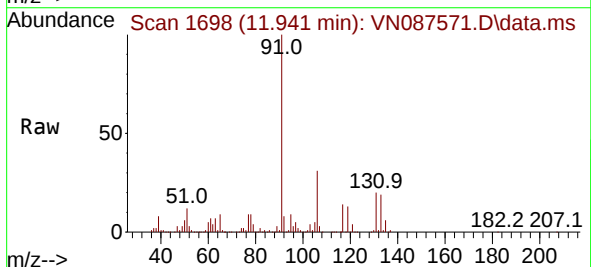
Manual Integrations
APPROVED

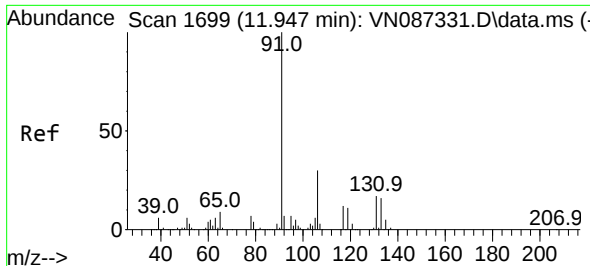
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.347 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

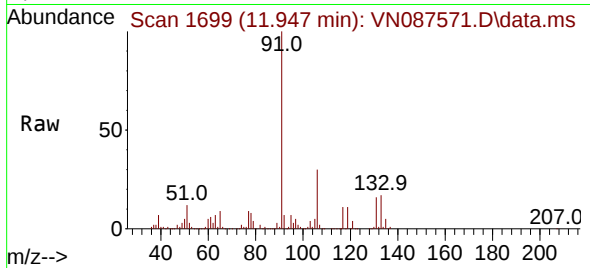
Tgt Ion:131 Resp: 163437
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 67.9 33.1 99.2





#67
Ethyl Benzene
Concen: 52.704 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

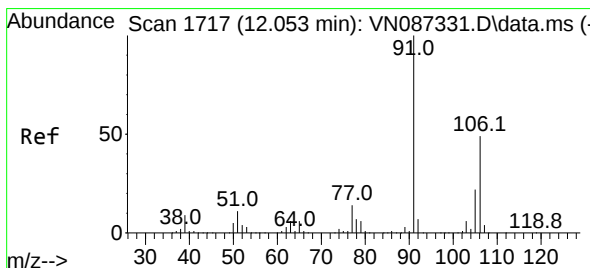
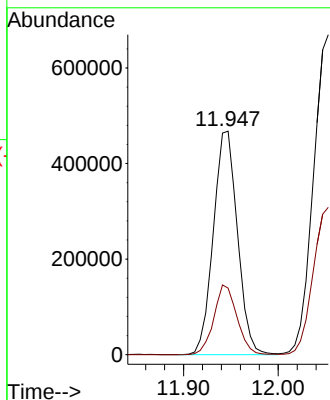
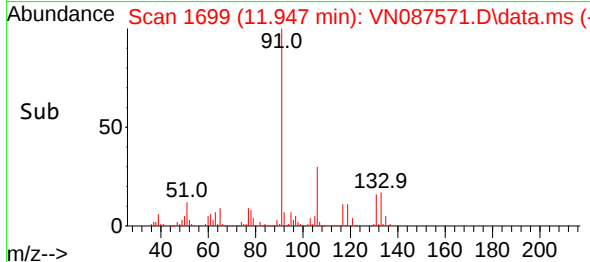
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



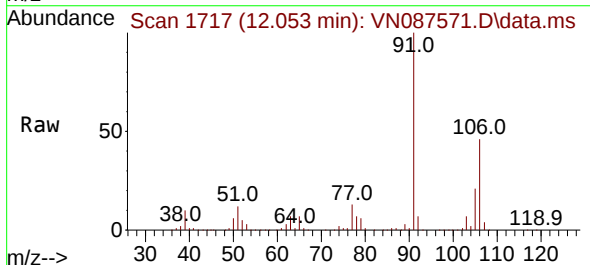
Tgt Ion: 91 Resp: 82829
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

Manual Integrations
APPROVED

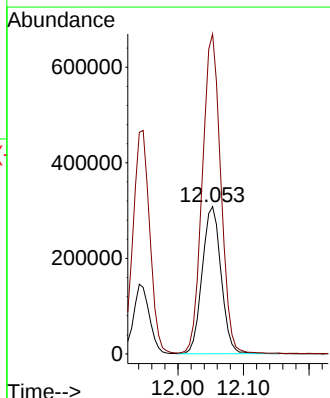
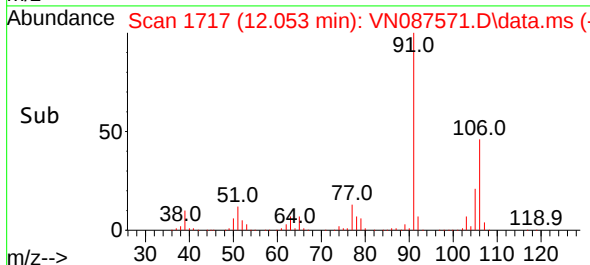
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

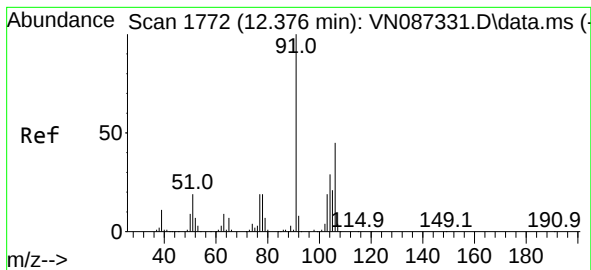


#68
m/p-Xylenes
Concen: 104.935 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



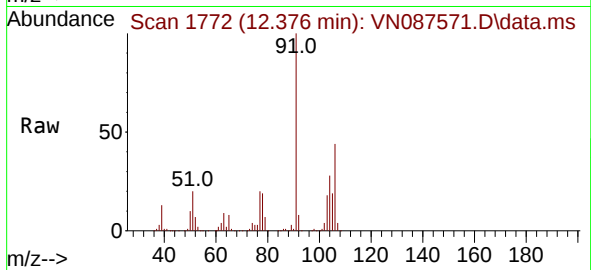
Tgt Ion:106 Resp: 617550
Ion Ratio Lower Upper
106 100
91 211.9 162.0 243.0





#69
o-Xylene
Concen: 54.082 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

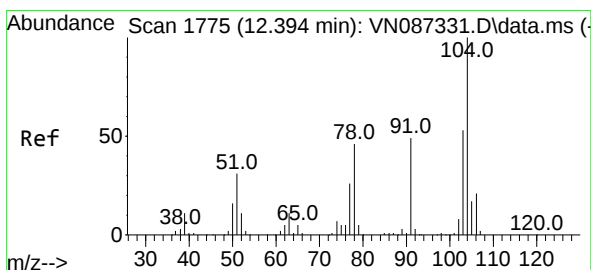
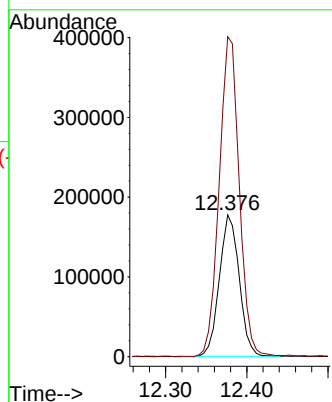
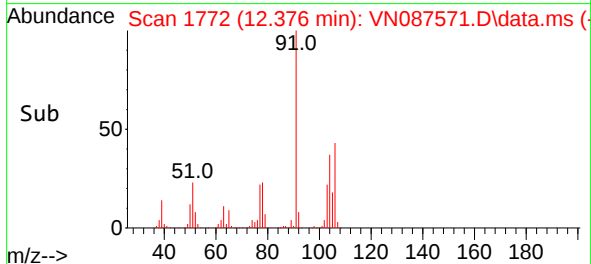
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 304027
Ion Ratio Lower Upper
106 100
91 226.3 107.7 323.3

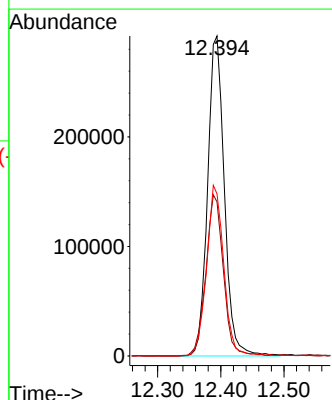
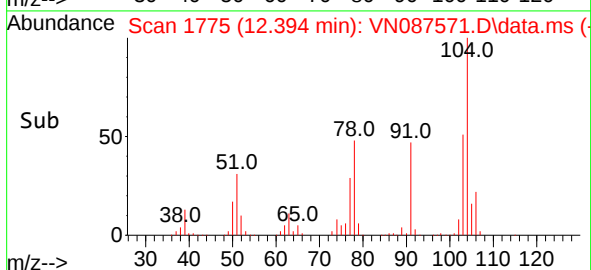
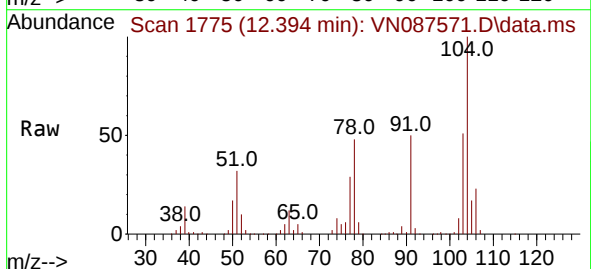
Manual Integrations
APPROVED

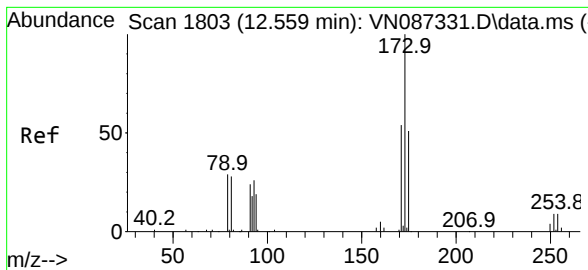
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 56.847 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

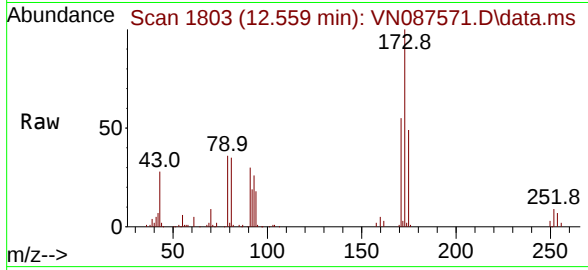
Tgt Ion:104 Resp: 537585
Ion Ratio Lower Upper
104 100
78 52.7 41.0 61.6
103 54.9 43.9 65.9





#71
Bromoform
Concen: 49.570 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

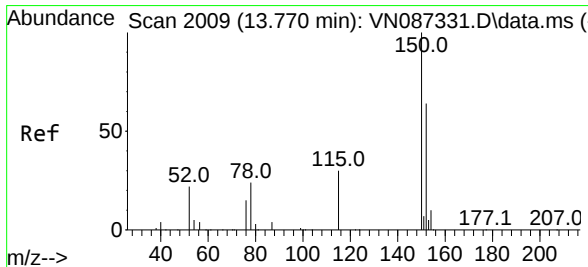
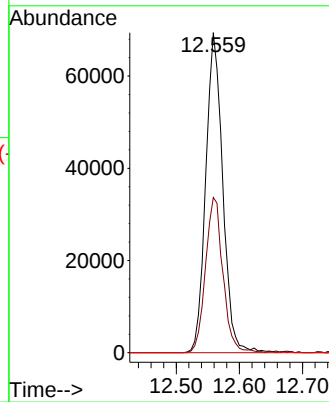
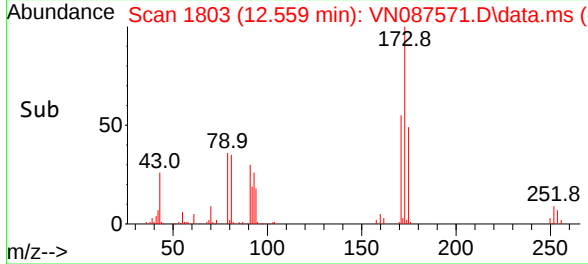
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



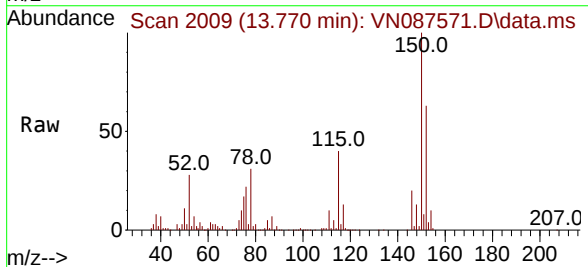
Tgt Ion:173 Resp: 129999
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
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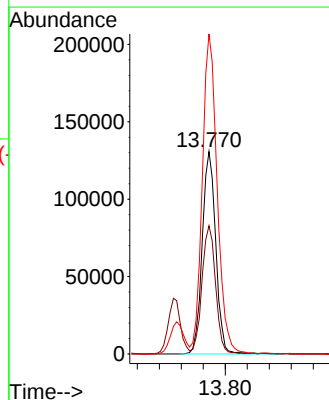
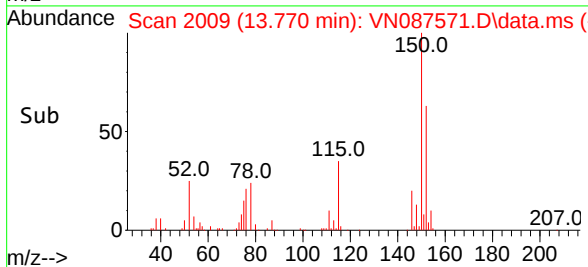
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

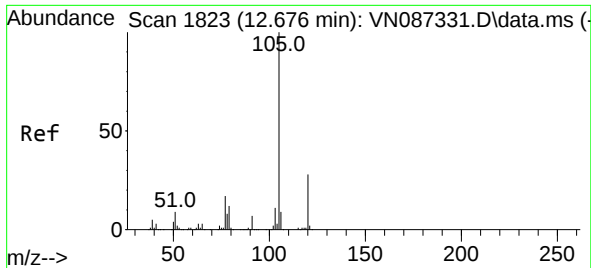


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



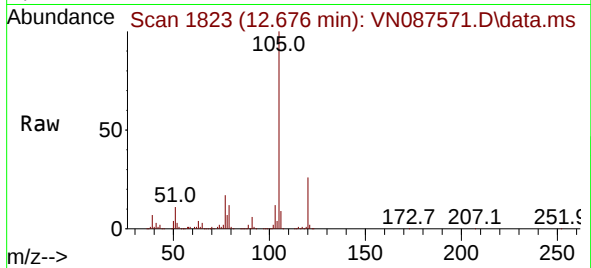
Tgt Ion:152 Resp: 223493
Ion Ratio Lower Upper
152 100
115 63.1 31.1 93.5
150 173.0 0.0 349.0





#73
Isopropylbenzene
Concen: 55.329 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

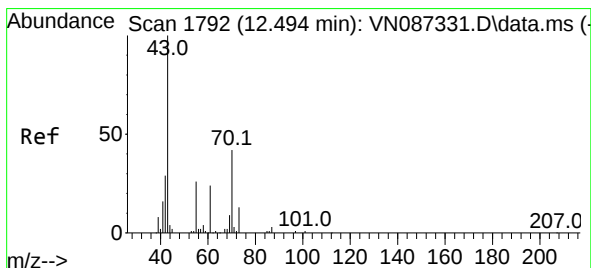
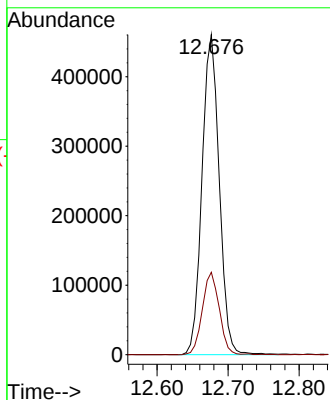
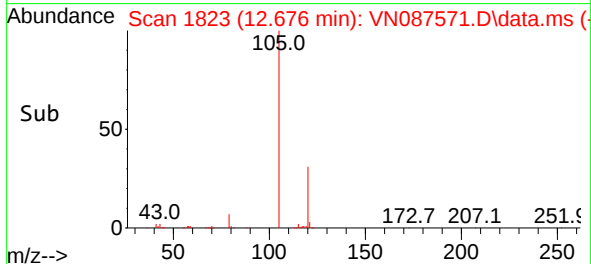
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



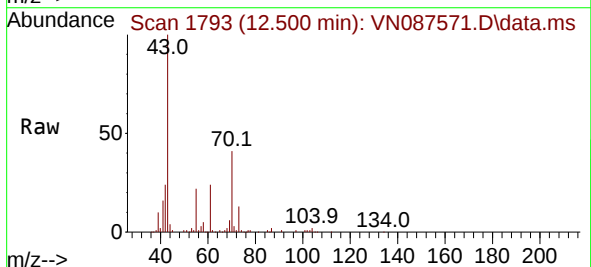
Tgt Ion:105 Resp: 77826
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

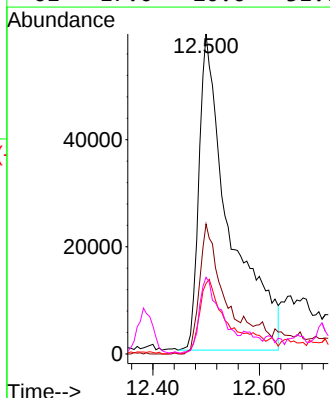
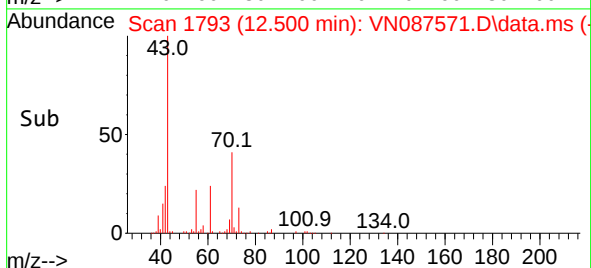
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

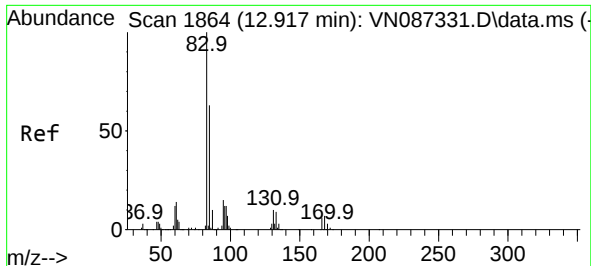


#74
N-ethyl acetate
Concen: 40.245 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



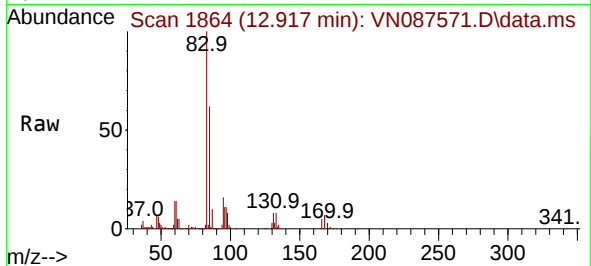
Tgt Ion: 43 Resp: 235200
Ion Ratio Lower Upper
43 100
70 30.2 37.6 56.4#
55 22.5 19.6 29.4
61 17.0 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 55.096 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

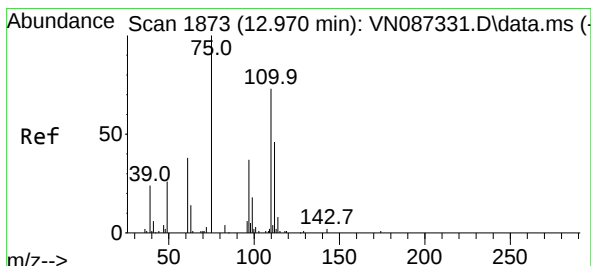
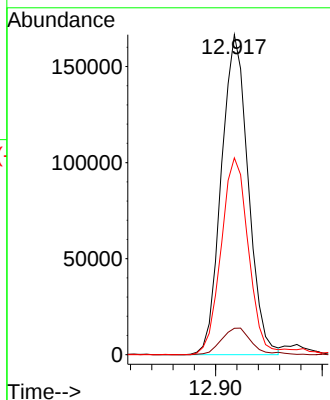
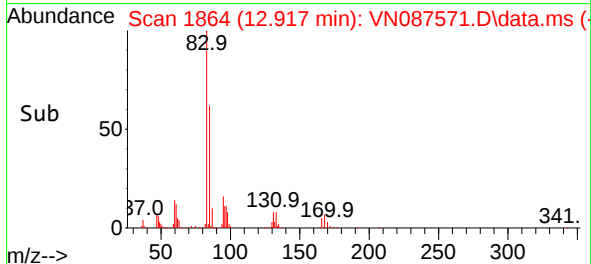
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 291614
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.0 32.5 97.4

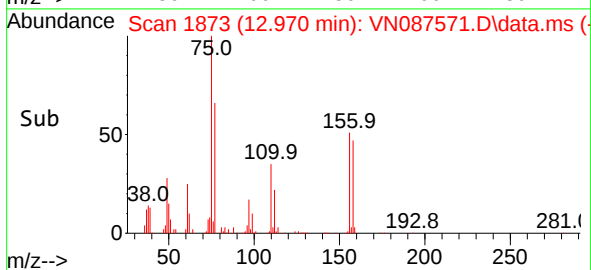
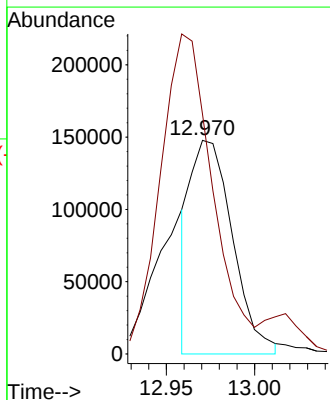
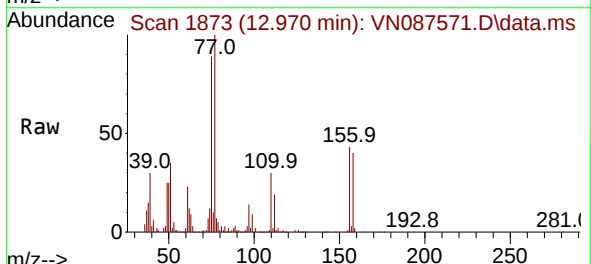
Manual Integrations
APPROVED

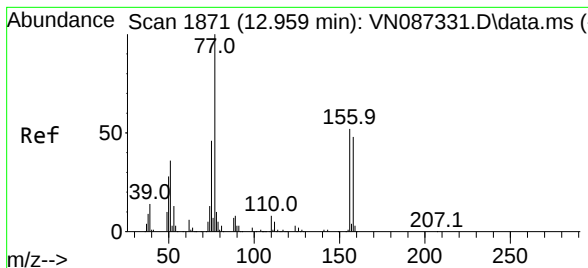
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#76
1,2,3-Trichloropropane
Concen: 48.640 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

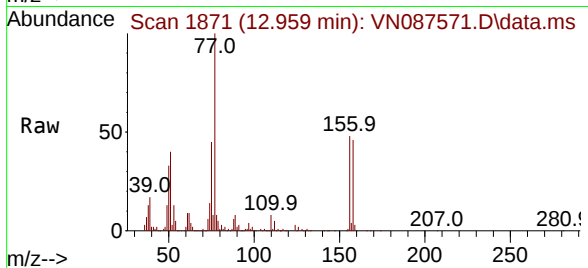
Tgt Ion: 75 Resp: 243769
Ion Ratio Lower Upper
75 100
77 187.0 94.5 283.6





#77
Bromobenzene
Concen: 51.229 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

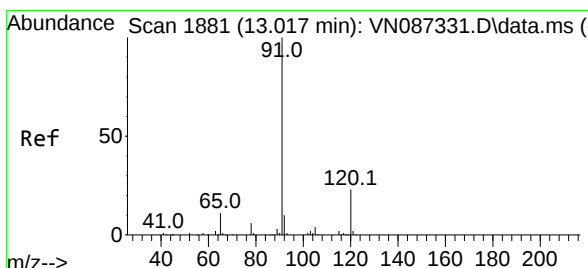
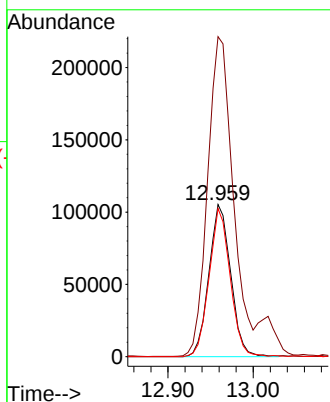
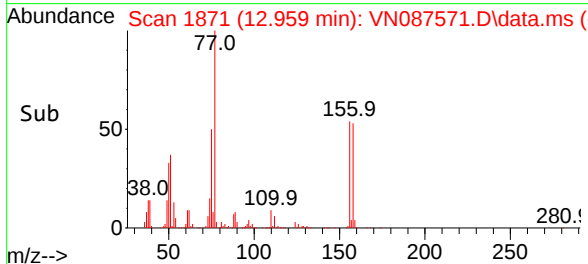
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



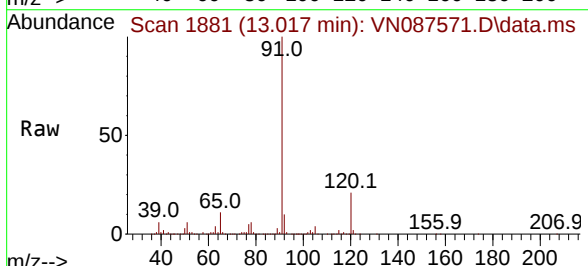
Tgt Ion:156 Resp: 18688
Ion Ratio Lower Upper
156 100
77 243.9 114.9 344.6
158 94.1 48.5 145.5

Manual Integrations
APPROVED

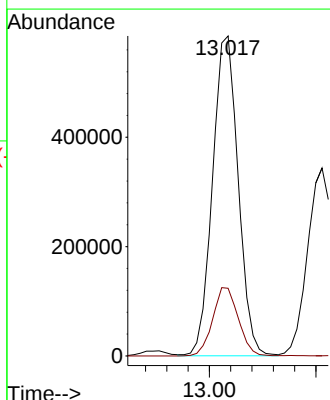
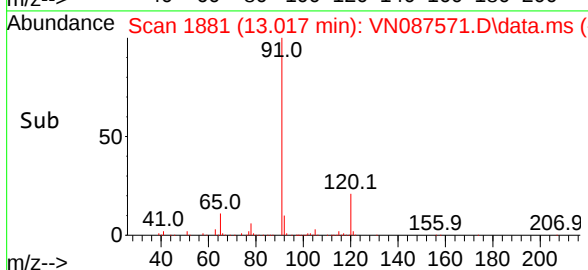
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

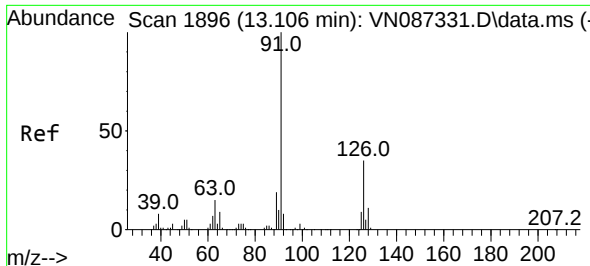


#78
n-propylbenzene
Concen: 55.273 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



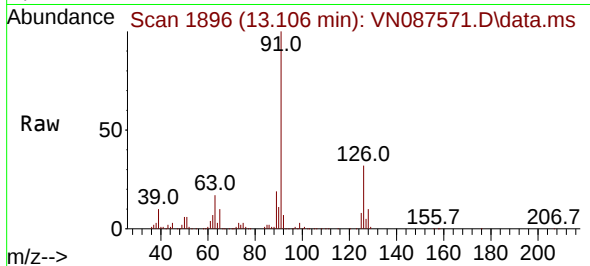
Tgt Ion: 91 Resp: 978192
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.8





#79
2-Chlorotoluene
Concen: 54.935 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

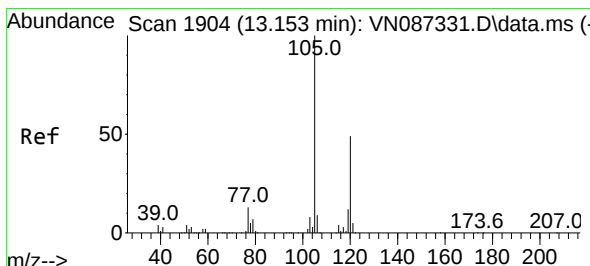
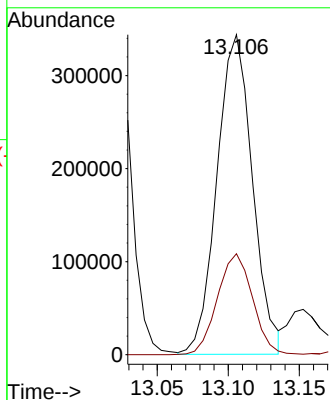
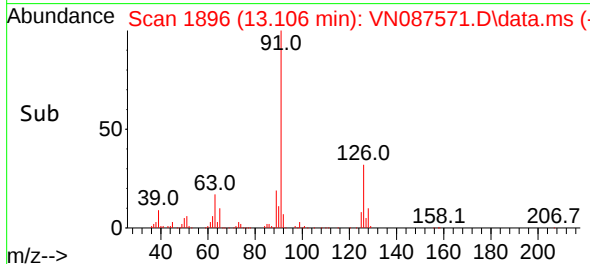
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



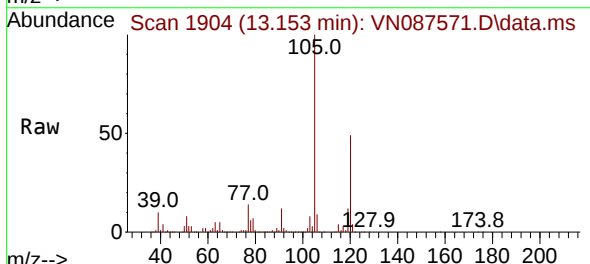
Tgt Ion: 91 Resp: 597499
Ion Ratio Lower Upper
91 100
126 31.2 16.9 50.6

Manual Integrations
APPROVED

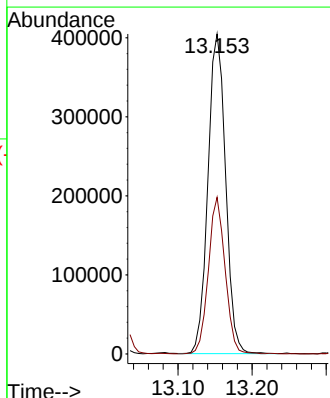
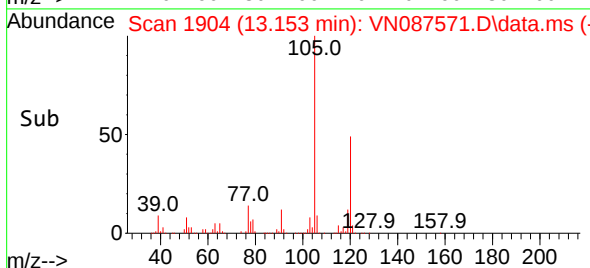
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

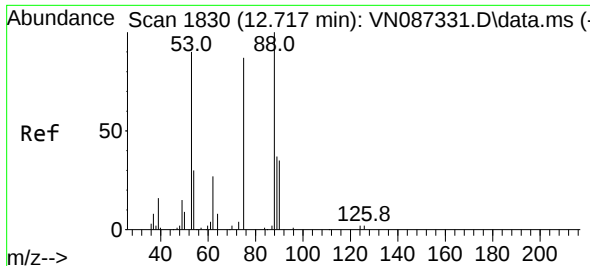


#80
1,3,5-Trimethylbenzene
Concen: 55.885 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



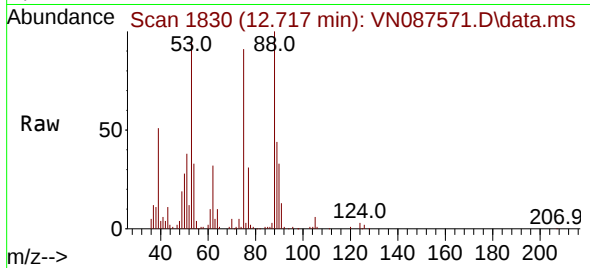
Tgt Ion:105 Resp: 669763
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.638 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

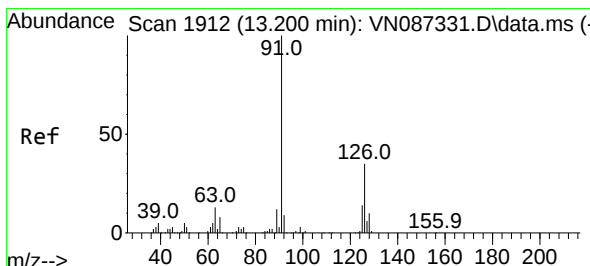
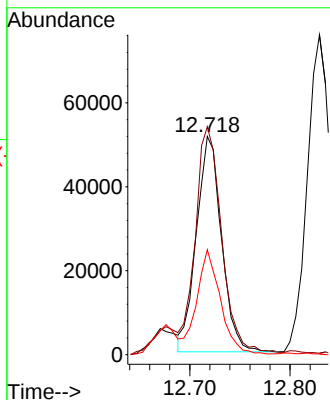
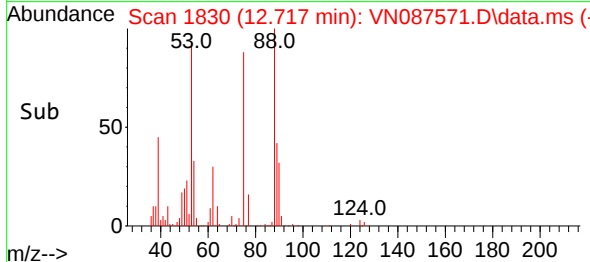
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8908
Ion Ratio Lower Upper
75 100
53 110.3 83.5 125.3
89 46.3 38.4 57.6

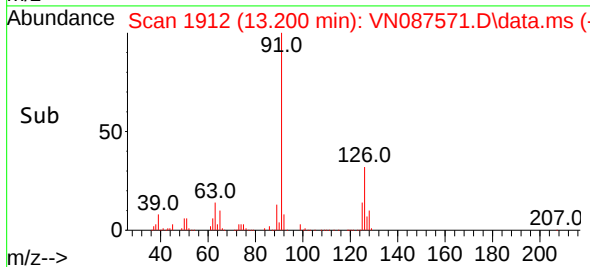
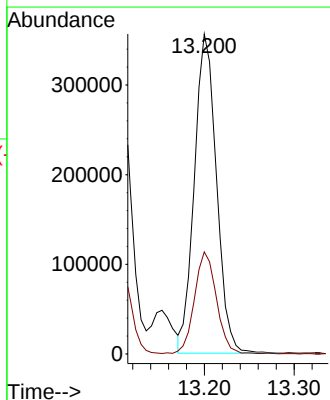
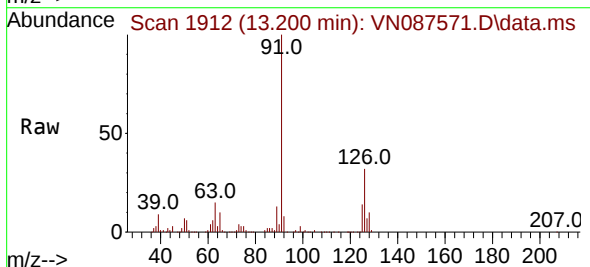
Manual Integrations
APPROVED

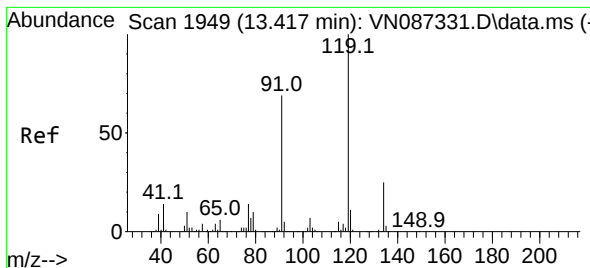
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 53.770 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Tgt Ion: 91 Resp: 608886
Ion Ratio Lower Upper
91 100
126 31.6 16.6 49.7





#83

tert-Butylbenzene

Concen: 56.008 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

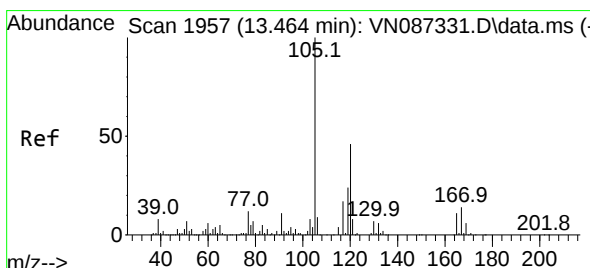
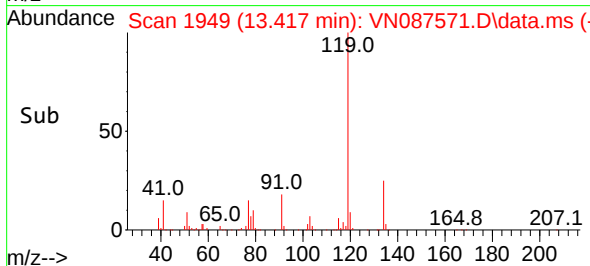
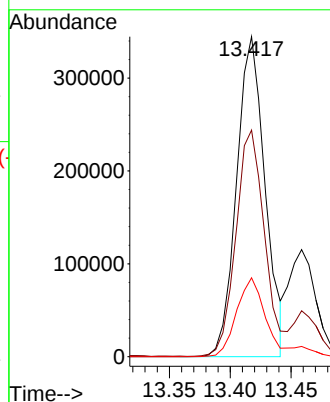
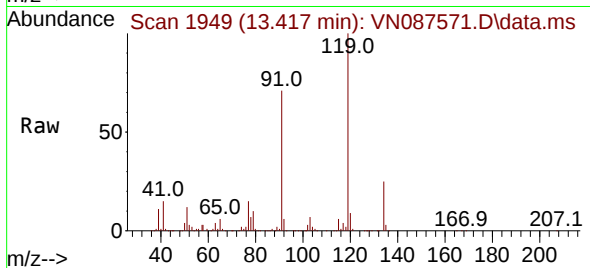
Tgt Ion:119 Resp: 56062
 Ion Ratio Lower Upper
 119 100
 91 71.9 35.0 105.1
 134 24.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#84

1,2,4-Trimethylbenzene

Concen: 56.360 ug/l

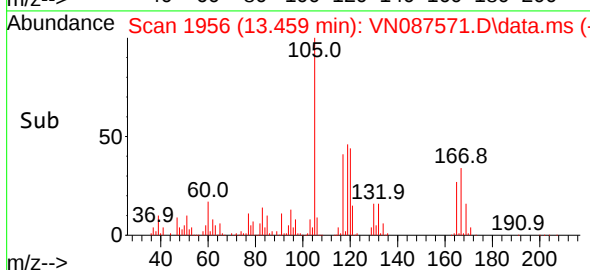
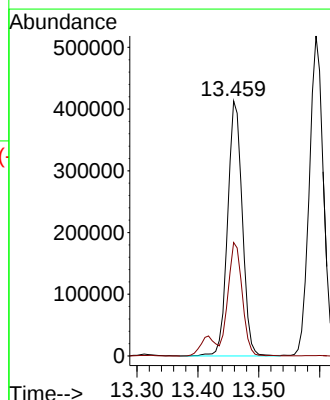
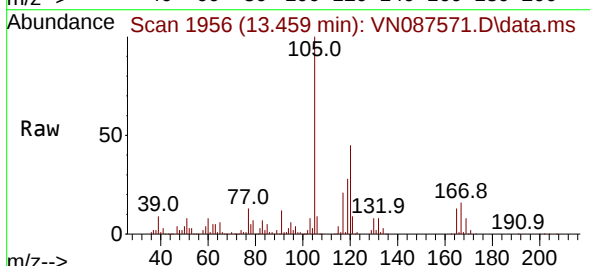
RT: 13.459 min Scan# 1956

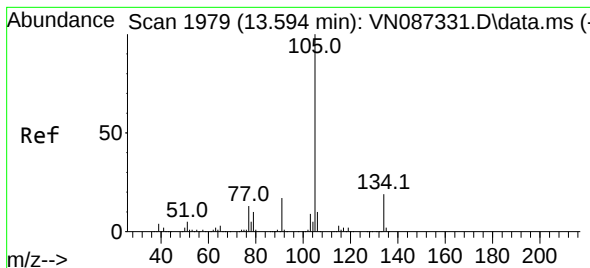
Delta R.T. -0.006 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Tgt Ion:105 Resp: 689787
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 55.247 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 83298

Ion Ratio Lower Upper

105 100

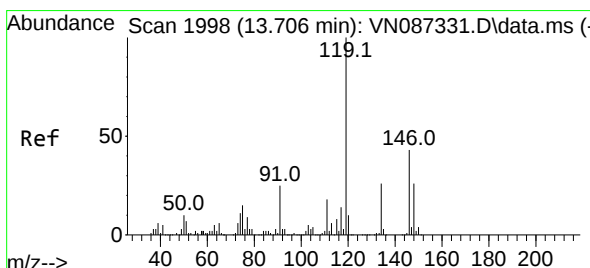
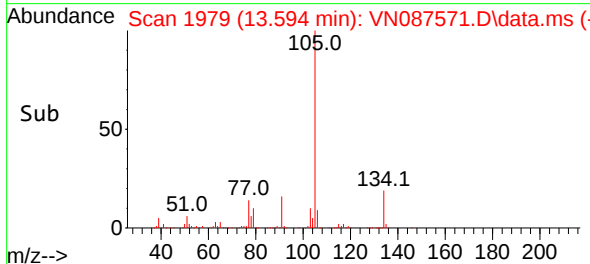
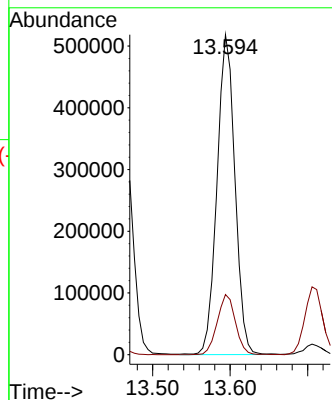
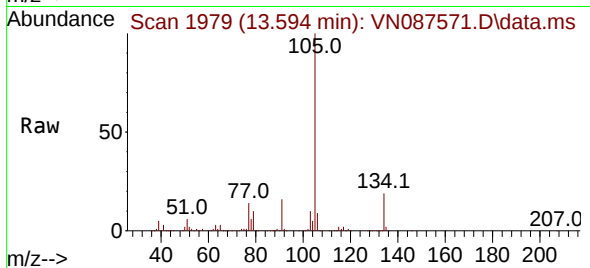
134 19.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#86

p-Isopropyltoluene

Concen: 57.683 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

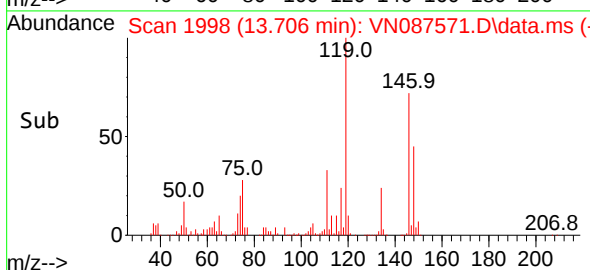
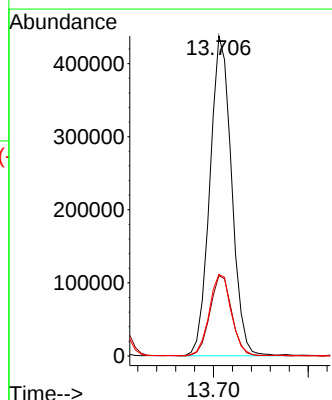
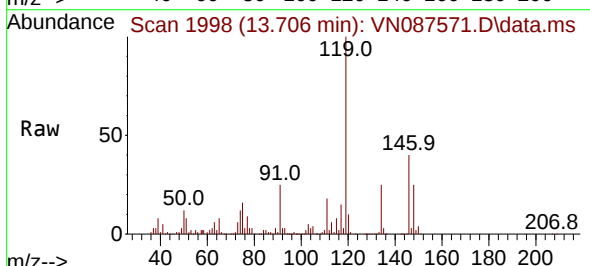
Tgt Ion:119 Resp: 696976

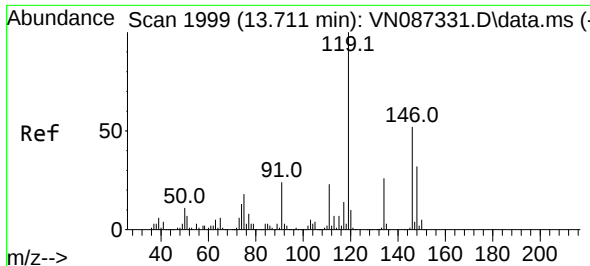
Ion Ratio Lower Upper

119 100

134 25.4 13.5 40.5

91 25.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.160 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 36628

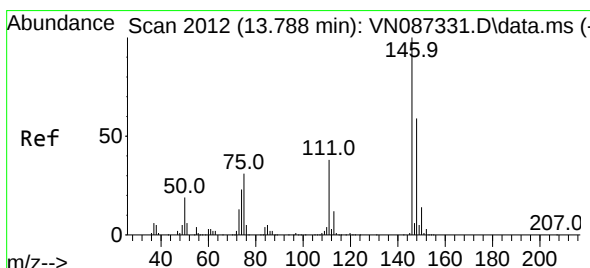
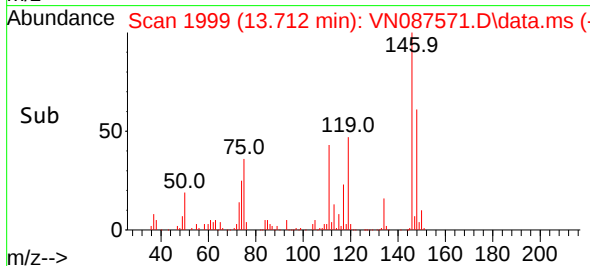
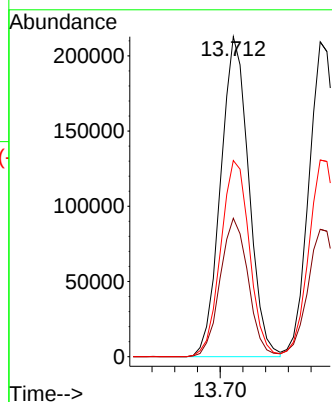
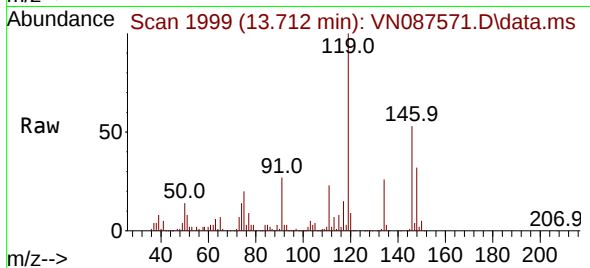
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	62.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 48.455 ug/l

RT: 13.788 min Scan# 2012

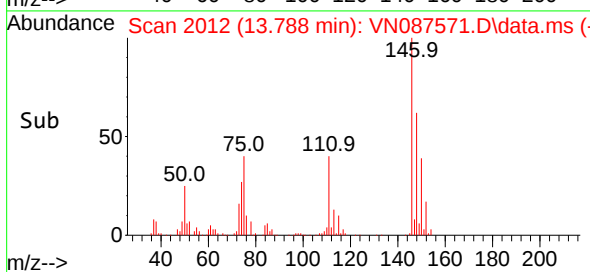
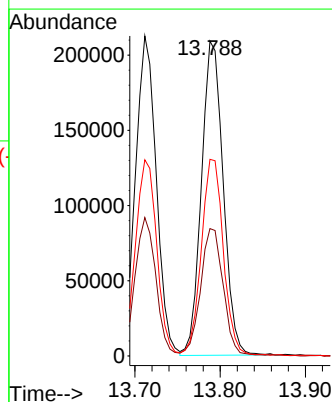
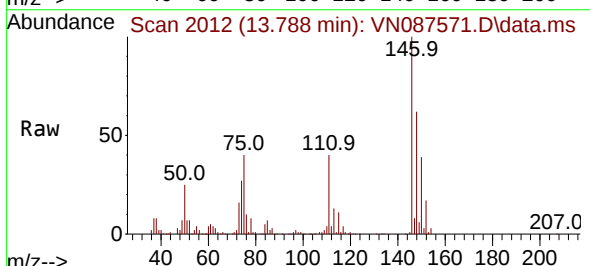
Delta R.T. 0.000 min

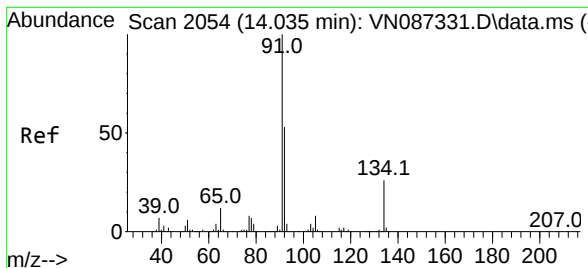
Lab File: VN087571.D

Acq: 14 Aug 2025 17:11

Tgt Ion:146 Resp: 370523

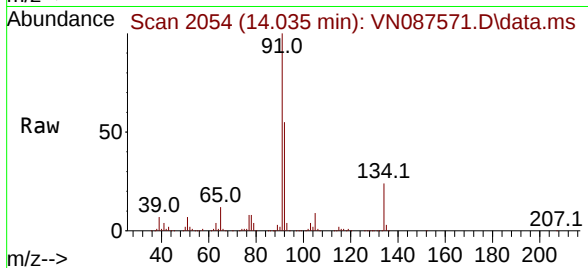
Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.6	58.7
148	63.3	31.4	94.0





#89
n-Butylbenzene
Concen: 58.986 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

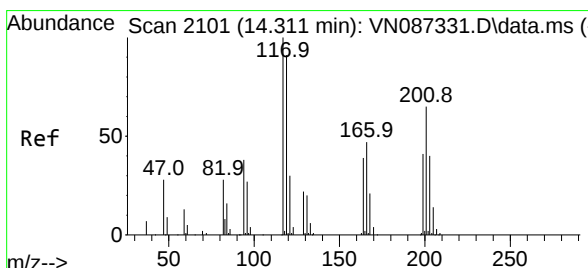
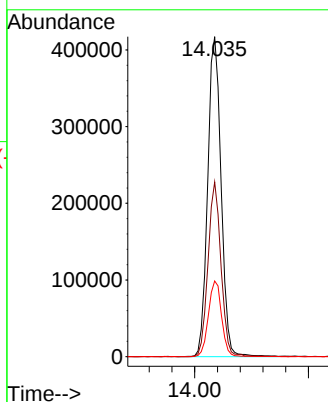
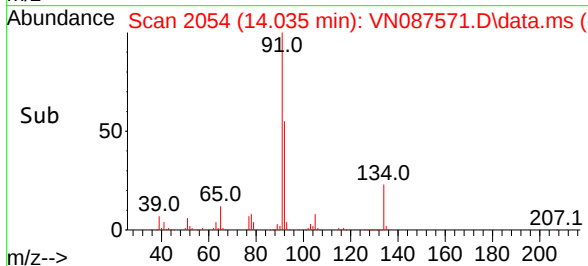
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 68056
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.6
134 23.3 12.4 37.2

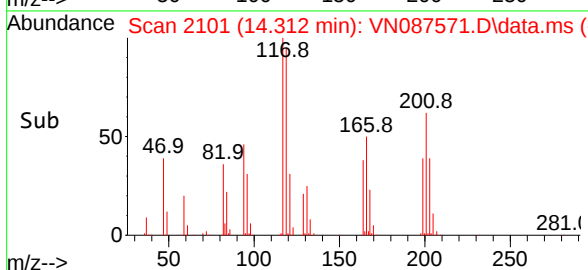
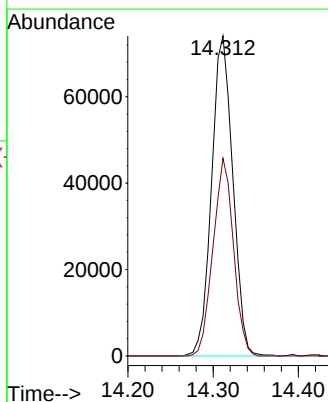
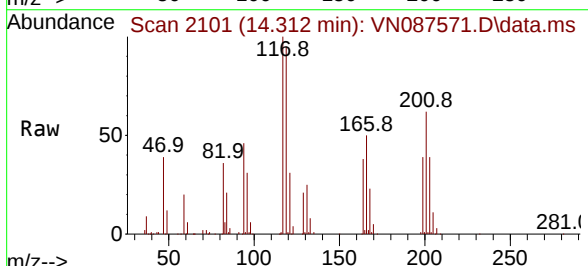
Manual Integrations
APPROVED

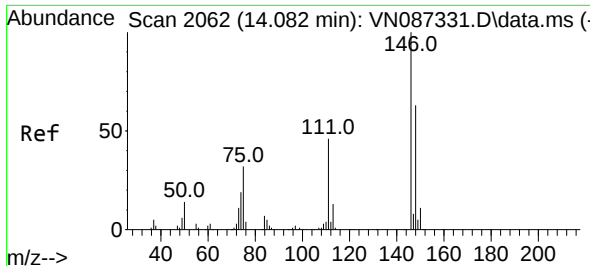
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 50.016 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

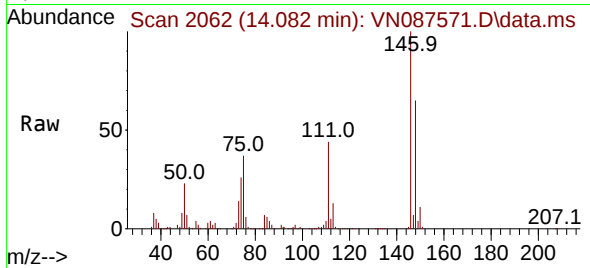
Tgt Ion:117 Resp: 128045
Ion Ratio Lower Upper
117 100
201 59.5 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 52.944 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

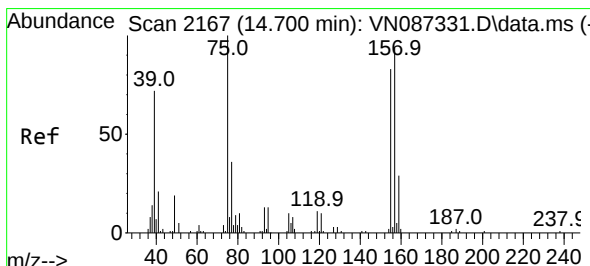
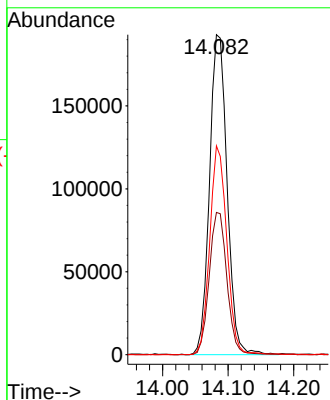
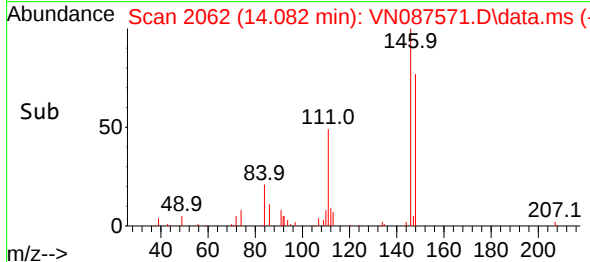
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 35910
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 63.3 32.7 98.1

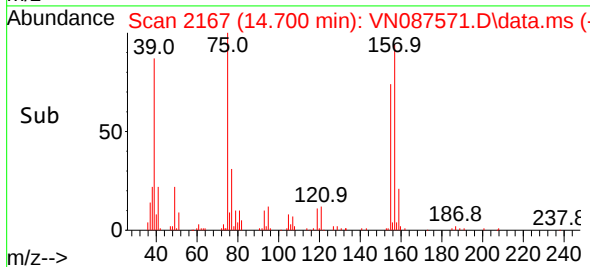
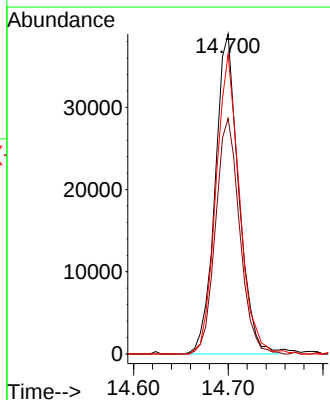
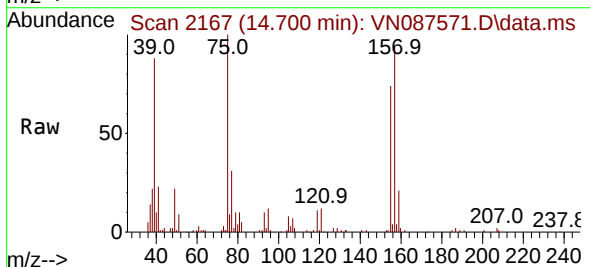
Manual Integrations
APPROVED

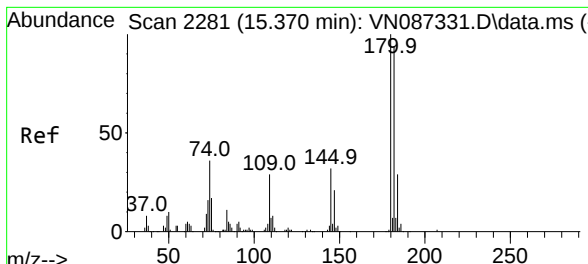
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.490 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

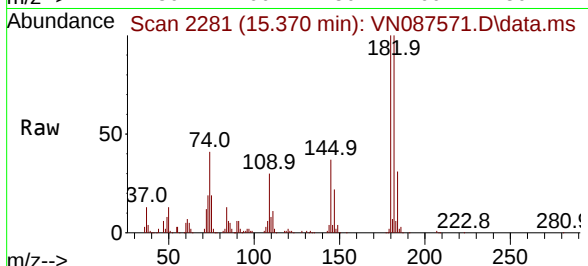
Tgt Ion: 75 Resp: 67382
Ion Ratio Lower Upper
75 100
155 75.1 37.3 111.8
157 94.0 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 53.374 ug/l
RT: 15.370 min Scan# 212654
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

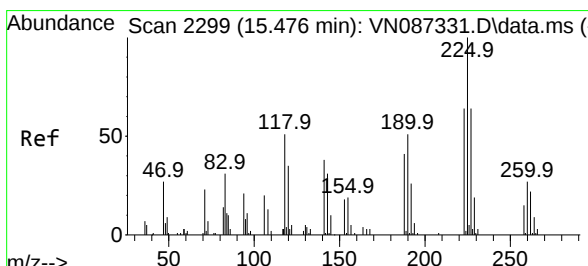
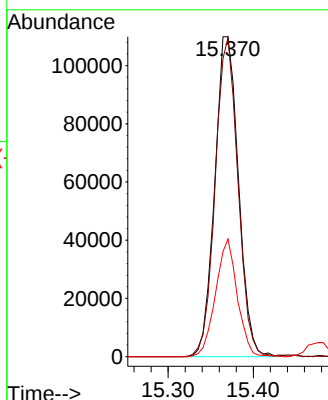
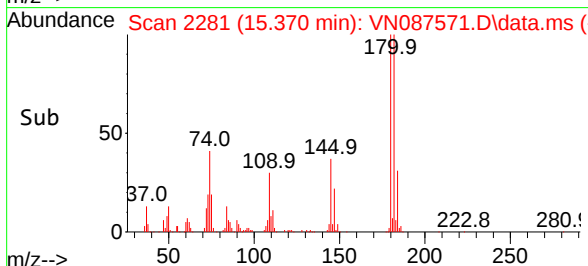
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



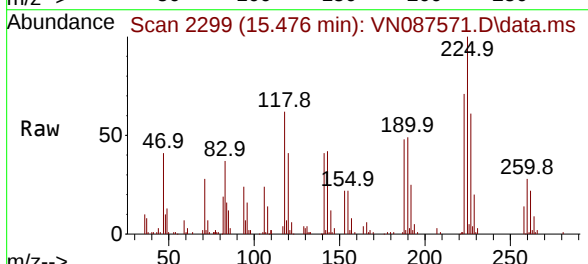
Tgt Ion:180 Resp: 212654
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 33.6 15.4 46.4

Manual Integrations
APPROVED

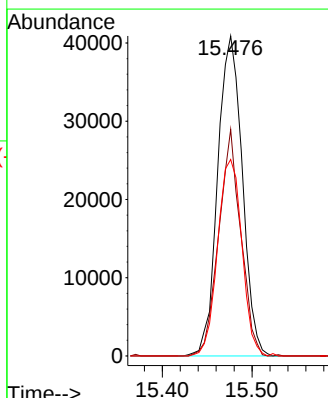
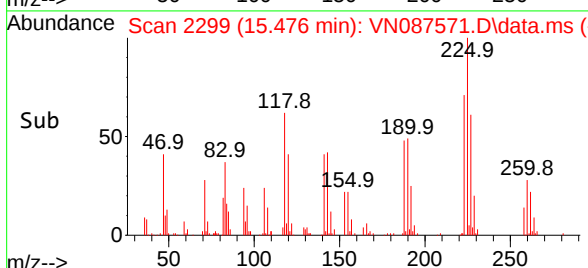
Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025

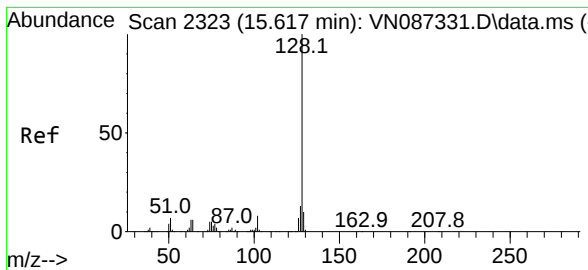


#94
Hexachlorobutadiene
Concen: 52.571 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11



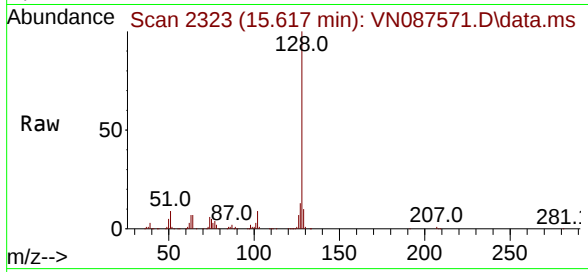
Tgt Ion:225 Resp: 77827
Ion Ratio Lower Upper
225 100
223 63.4 32.1 96.3
227 60.7 31.3 93.9





#95
Naphthalene
Concen: 56.964 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

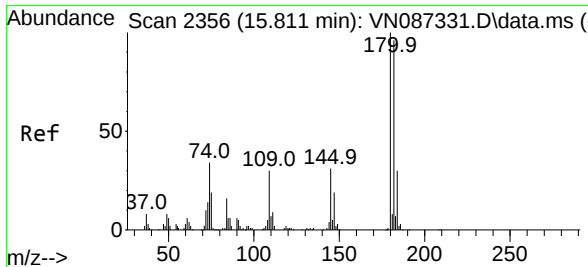
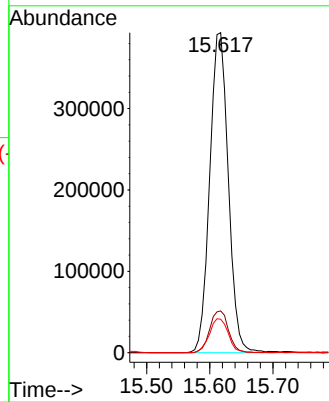
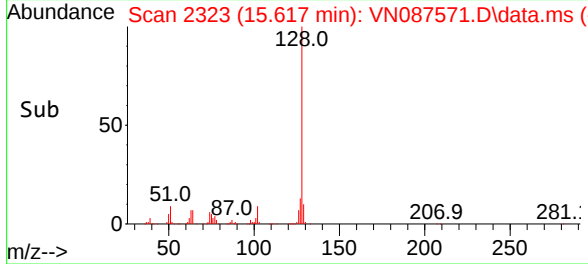
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 804020
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.353 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087571.D
Acq: 14 Aug 2025 17:11

Tgt Ion:180 Resp: 205237
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.4
145 35.4 16.9 50.6

