

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087666.D
 Acq On : 25 Aug 2025 18:10
 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 26 01:41:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	215450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	414268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	394391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	201077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	190191	43.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	8.147	113	133414	44.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.220%		
50) Toluene-d8	10.547	98	495439	44.256	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.520%		
62) 4-Bromofluorobenzene	12.829	95	179200	45.011	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	142346	46.518	ug/l	98
3) Chloromethane	2.389	50	139967	44.509	ug/l	99
4) Vinyl Chloride	2.542	62	161208	44.213	ug/l	98
5) Bromomethane	2.971	94	78668	41.815	ug/l	96
6) Chloroethane	3.136	64	109709	42.811	ug/l	96
7) Trichlorofluoromethane	3.512	101	248002	46.425	ug/l	96
8) Diethyl Ether	3.965	74	99076	42.586	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	132474	43.826	ug/l	98
10) Methyl Iodide	4.583	142	66988	32.425	ug/l	97
11) Tert butyl alcohol	5.524	59	169199	220.788	ug/l	98
12) 1,1-Dichloroethene	4.336	96	134746	43.379	ug/l	92
13) Acrolein	4.177	56	225598	239.459	ug/l	98
14) Allyl chloride	5.018	41	222809	39.582	ug/l	98
15) Acrylonitrile	5.712	53	464984	215.143	ug/l	99
16) Acetone	4.424	43	443056	184.375	ug/l	98
17) Carbon Disulfide	4.706	76	355008	41.514	ug/l	100
18) Methyl Acetate	5.018	43	224572	44.634	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	515290	44.220	ug/l	97
20) Methylene Chloride	5.259	84	152370	43.681	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	140181	41.640	ug/l	91
22) Diisopropyl ether	6.659	45	532178	43.810	ug/l	99
23) Vinyl Acetate	6.594	43	2469014	223.409	ug/l	100
24) 1,1-Dichloroethane	6.559	63	282199	42.370	ug/l	98
25) 2-Butanone	7.471	43	666872	210.937	ug/l	96
26) 2,2-Dichloropropane	7.477	77	228369	39.950	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	170742	42.424	ug/l	98
28) Bromochloromethane	7.800	49	148259	46.045	ug/l	99
29) Tetrahydrofuran	7.824	42	440302	216.409	ug/l	99
30) Chloroform	7.953	83	297861	43.815	ug/l	99
31) Cyclohexane	8.241	56	232007	41.785	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	247082	42.888	ug/l	98
36) 1,1-Dichloropropene	8.353	75	199305	43.435	ug/l	100
37) Ethyl Acetate	7.547	43	263133	41.966	ug/l	98
38) Carbon Tetrachloride	8.347	117	205384	45.334	ug/l	95
39) Methylcyclohexane	9.582	83	216856	42.927	ug/l	96
40) Benzene	8.588	78	624707	44.388	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	147798	45.505	ug/l	98
42) 1,2-Dichloroethane	8.653	62	241975	44.741	ug/l	100
43) Isopropyl Acetate	8.671	43	446279	45.588	ug/l	99
44) Trichloroethene	9.335	130	136259	42.406	ug/l	94
45) 1,2-Dichloropropane	9.600	63	160560	43.281	ug/l	94
46) Dibromomethane	9.688	93	119095	45.113	ug/l	99
47) Bromodichloromethane	9.871	83	237179	43.838	ug/l	97
48) Methyl methacrylate	9.665	41	207701	44.855	ug/l	98
49) 1,4-Dioxane	9.682	88	56584	942.800	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1389509	235.256	ug/l	100
52) Toluene	10.612	92	381935	43.775	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	252546	45.095	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	260421	44.785	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	156335	46.319	ug/l	94
56) Ethyl methacrylate	10.853	69	253994	47.088	ug/l	95
57) 1,3-Dichloropropane	11.141	76	271831	45.507	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	552289	189.171	ug/l	100
59) 2-Hexanone	11.176	43	945826	253.382	ug/l	99
60) Dibromochloromethane	11.335	129	172339	44.067	ug/l	98
61) 1,2-Dibromoethane	11.447	107	159494	44.815	ug/l	99
64) Tetrachloroethene	11.082	164	110604	40.422	ug/l	93
65) Chlorobenzene	11.871	112	420578	42.864	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	142012	43.597	ug/l	96
67) Ethyl Benzene	11.941	91	754037	44.385	ug/l	99
68) m/p-Xylenes	12.047	106	555366	89.138	ug/l	99
69) o-Xylene	12.376	106	267684	43.841	ug/l	98
70) Styrene	12.388	104	467858	45.737	ug/l	97
71) Bromoform	12.559	173	112562	45.057	ug/l	99
73) Isopropylbenzene	12.676	105	703609	43.303	ug/l	99
74) N-amyl acetate	12.500	43	270394m	43.912	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	249619	44.622	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	231500m	49.095	ug/l	
77) Bromobenzene	12.959	156	163092	42.571	ug/l	99
78) n-propylbenzene	13.012	91	873002	43.620	ug/l	100
79) 2-Chlorotoluene	13.106	91	526573	43.720	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	605948	43.961	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	78958	44.330	ug/l	84
82) 4-Chlorotoluene	13.200	91	538734	42.544	ug/l	98
83) tert-Butylbenzene	13.418	119	504276	43.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	611677	44.330	ug/l	99
85) sec-Butylbenzene	13.594	105	748659	43.921	ug/l	100
86) p-Isopropyltoluene	13.706	119	614371	43.649	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	325630	43.161	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	324065	41.276	ug/l	99
89) n-Butylbenzene	14.035	91	602933	43.131	ug/l	99
90) Hexachloroethane	14.312	117	116377	43.399	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	305778	42.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	54880	41.298	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	181325	42.188	ug/l	97
94) Hexachlorobutadiene	15.470	225	63858	41.675	ug/l	96
95) Naphthalene	15.611	128	663314	43.571	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	173722	41.345	ug/l	99

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

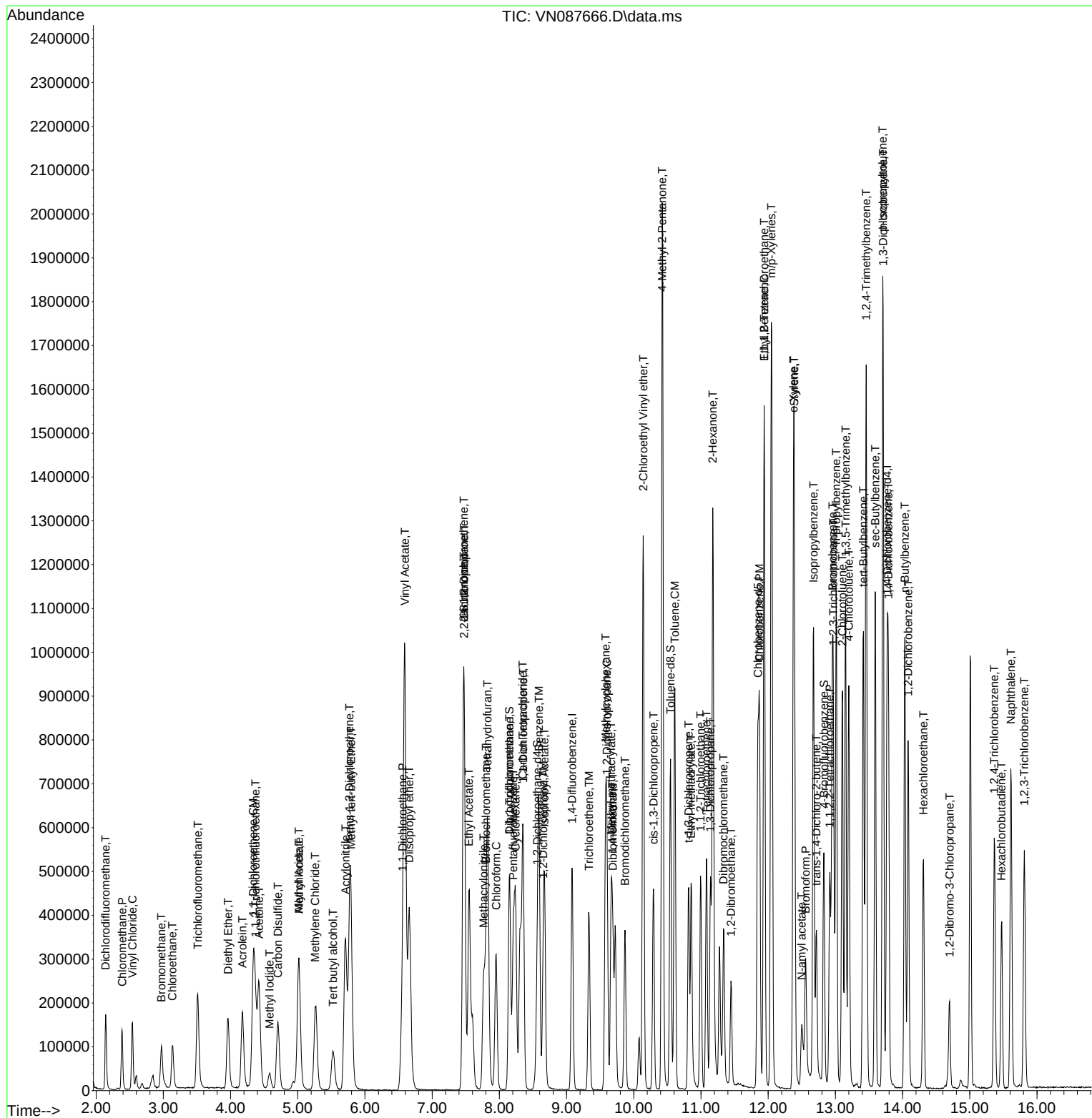
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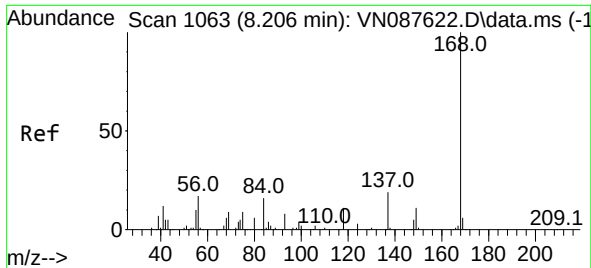
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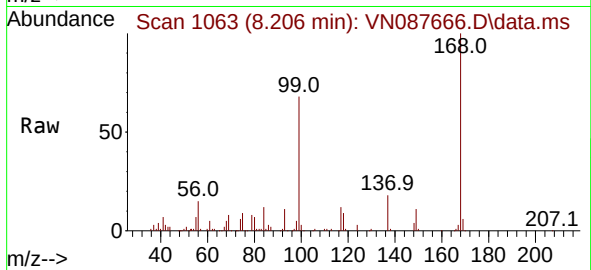
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

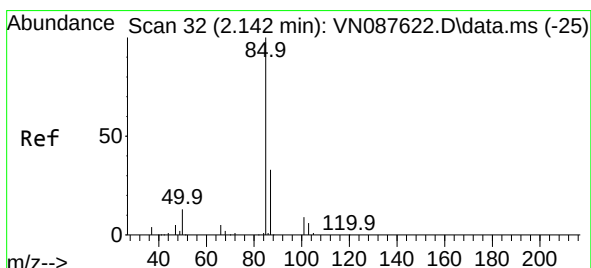
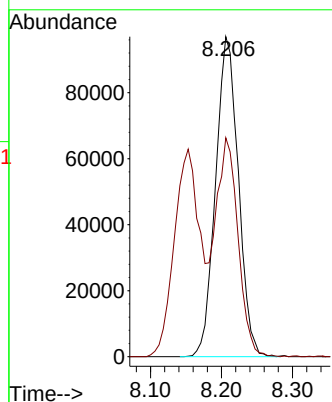
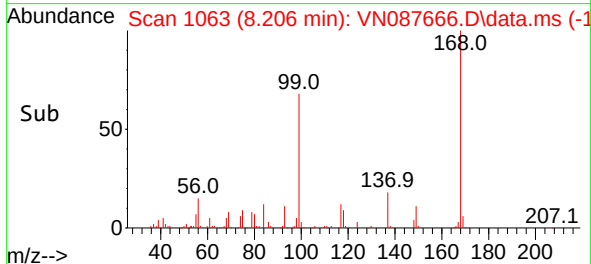
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 215450
Ion Ratio Lower Upper
168 100
99 68.4 57.2 85.8

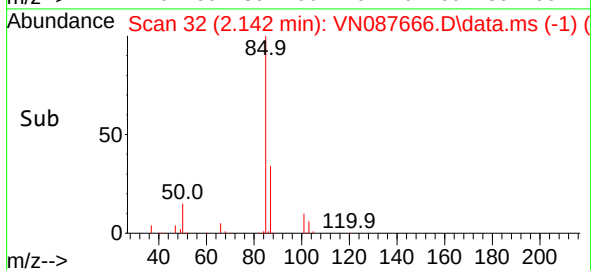
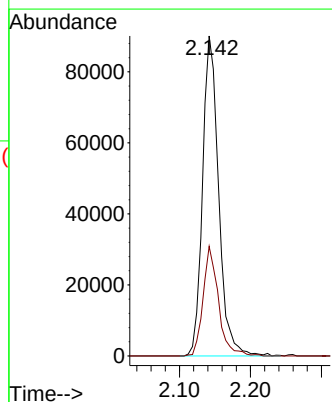
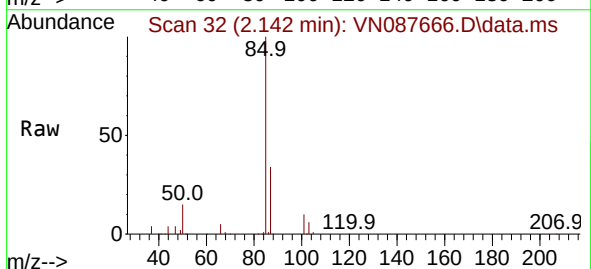
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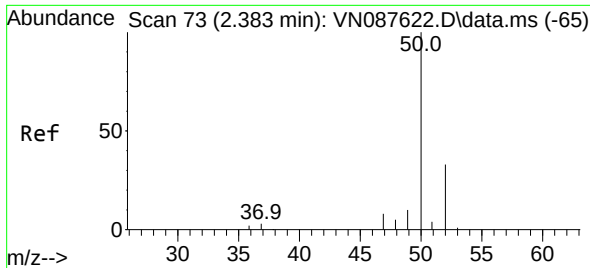
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#2
Dichlorodifluoromethane
Concen: 46.518 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion: 85 Resp: 142346
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.8





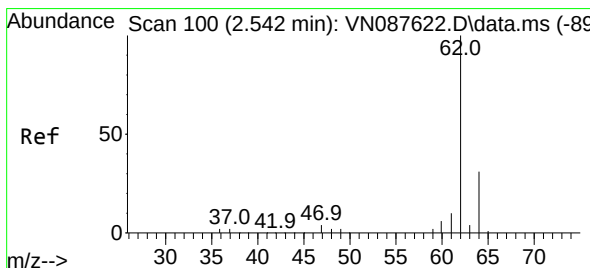
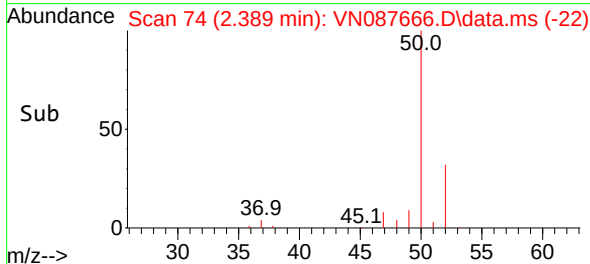
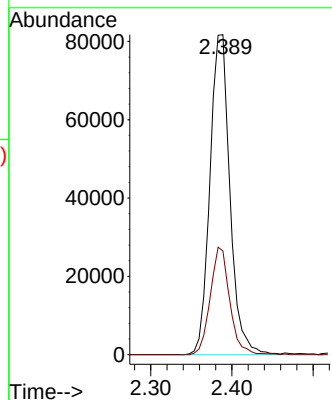
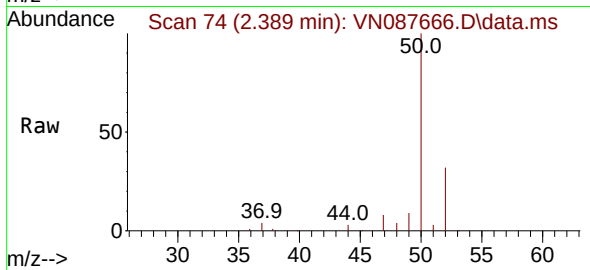
#3
Chloromethane
Concen: 44.509 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 13996
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.4

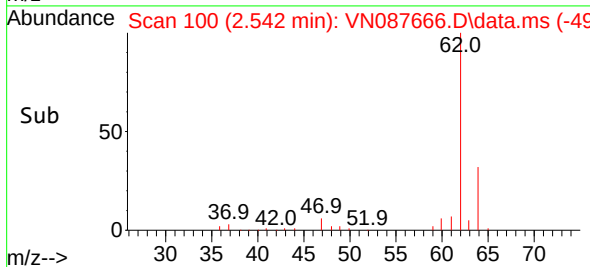
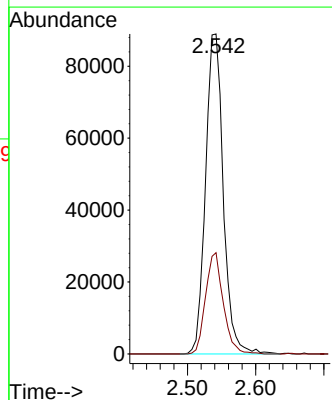
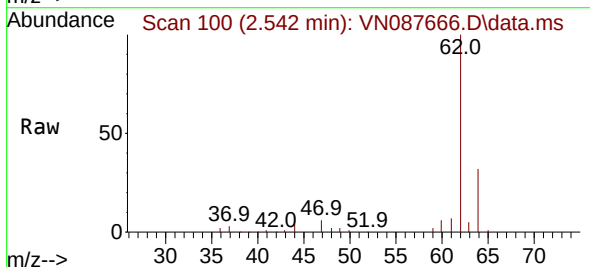
Manual Integrations
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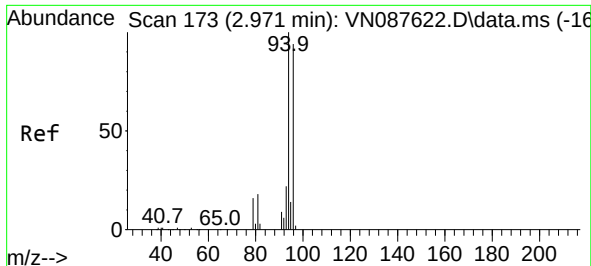
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#4
Vinyl Chloride
Concen: 44.213 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087666.D
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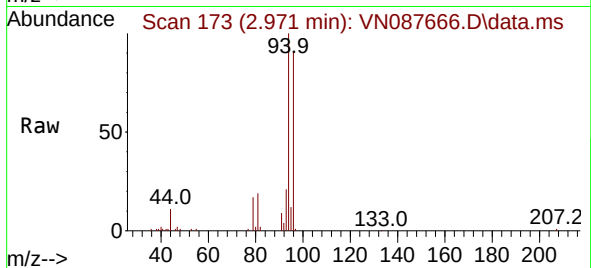
Tgt Ion: 62 Resp: 161208
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0





#5
Bromomethane
Concen: 41.815 ug/l
RT: 2.971 min Scan# 173
Delta R.T. -0.000 min
Lab File: VN087666.D
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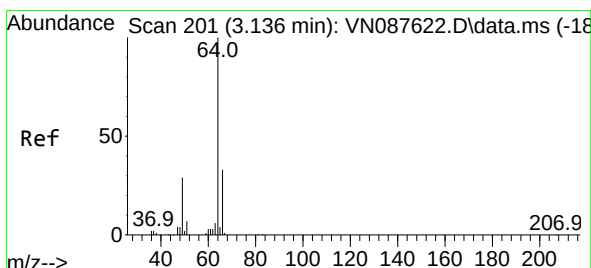
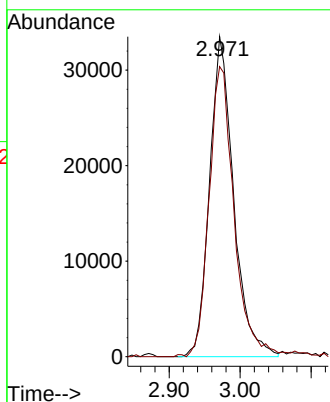
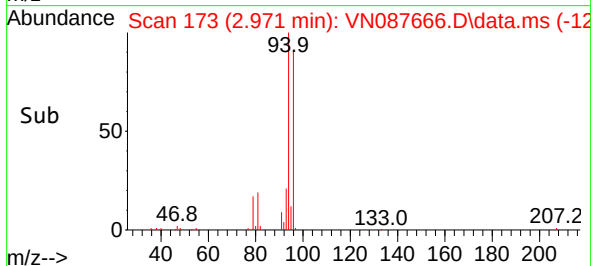
Instrument :
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Tgt Ion: 94 Resp: 78668
Ion Ratio Lower Upper
94 100
96 90.0 75.4 113.2

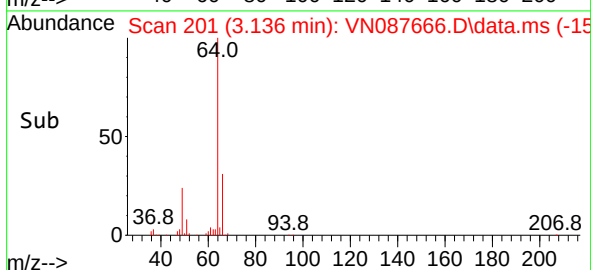
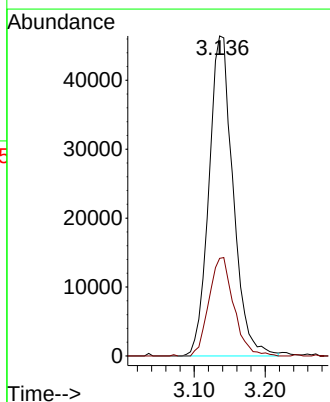
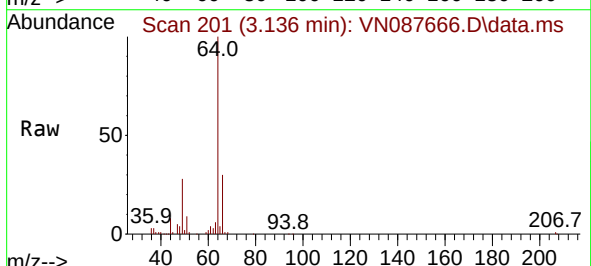
Manual Integrations
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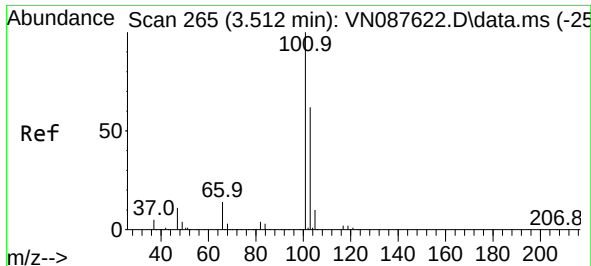
Reviewed By :John Carlone 08/26/2025
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#6
Chloroethane
Concen: 42.811 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

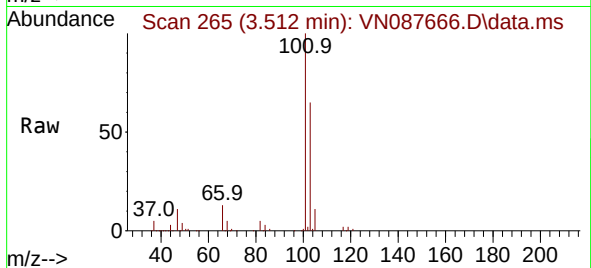
Tgt Ion: 64 Resp: 109709
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 46.425 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

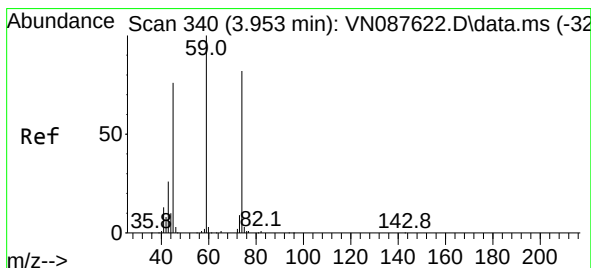
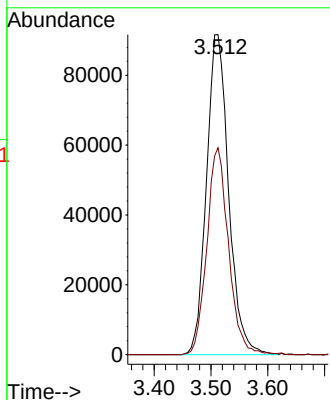
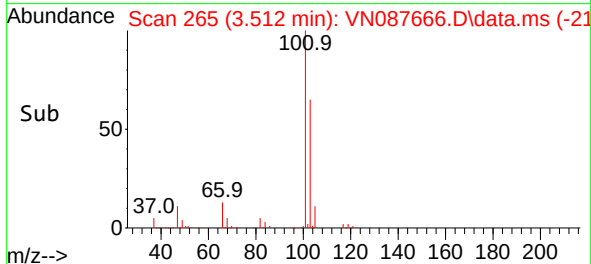
Instrument :
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Tgt Ion:101 Resp: 24800
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.4 74.0

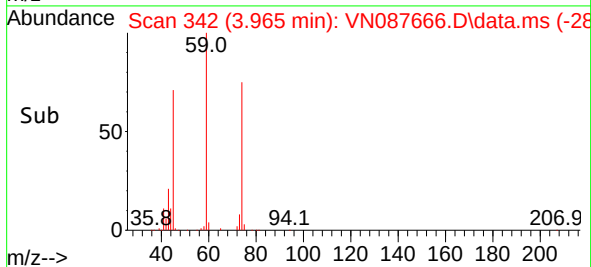
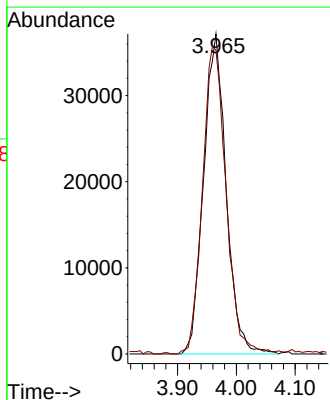
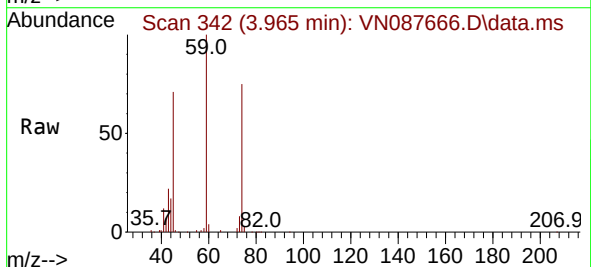
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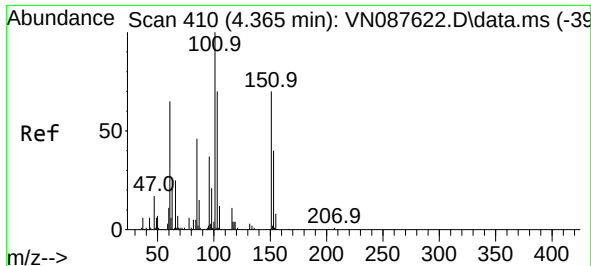
Reviewed By :John Carlone 08/26/2025
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#8
 Diethyl Ether
 Concen: 42.586 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087666.D
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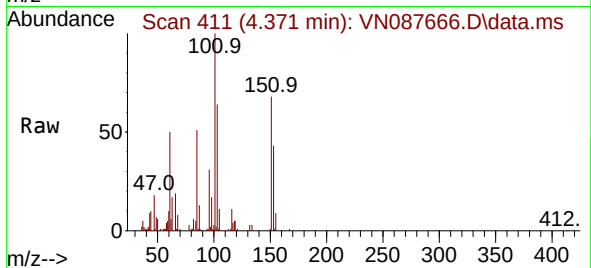
Tgt Ion: 74 Resp: 99076
 Ion Ratio Lower Upper
 74 100
 45 100.0 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.826 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

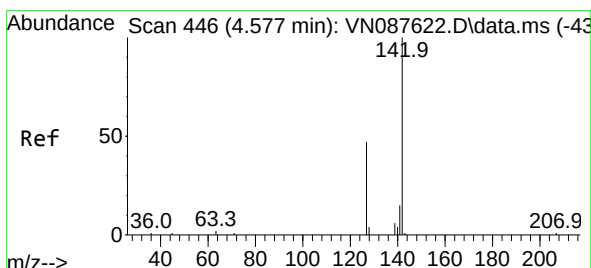
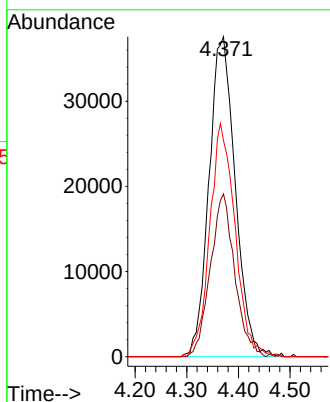
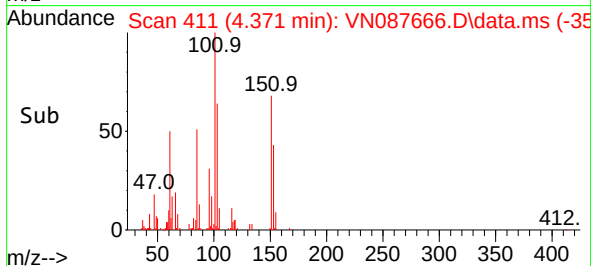
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



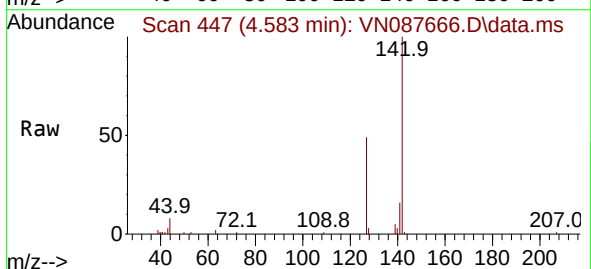
Tgt Ion:101 Resp: 132474
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 70.1 54.7 82.1

Manual Integrations
APPROVED

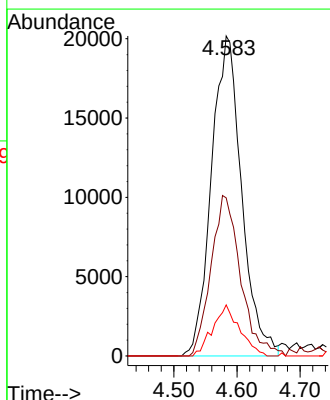
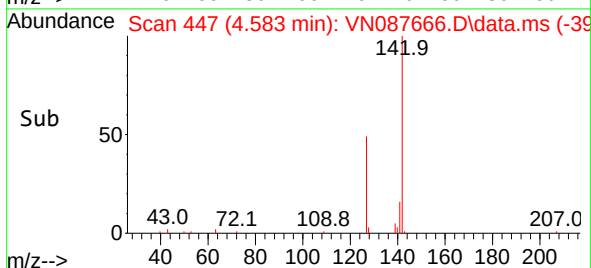
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

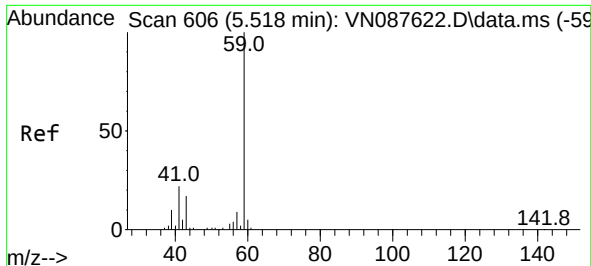


#10
Methyl Iodide
Concen: 32.425 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



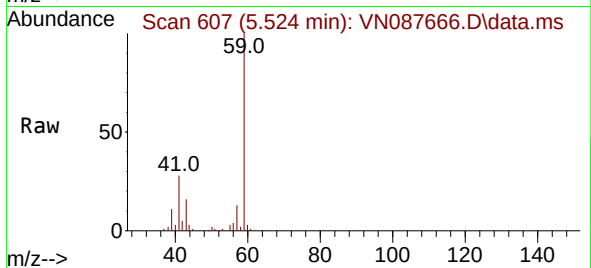
Tgt Ion:142 Resp: 66988
Ion Ratio Lower Upper
142 100
127 49.4 38.0 57.0
141 16.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 220.788 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

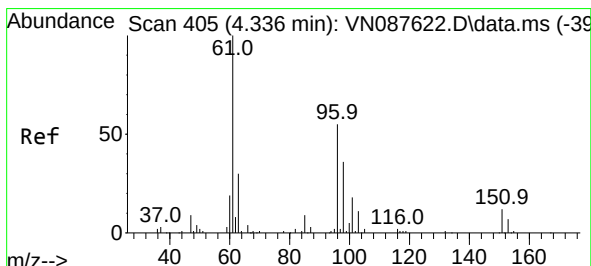
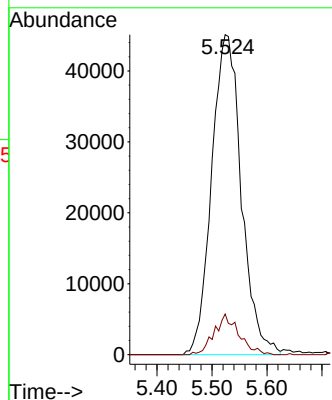
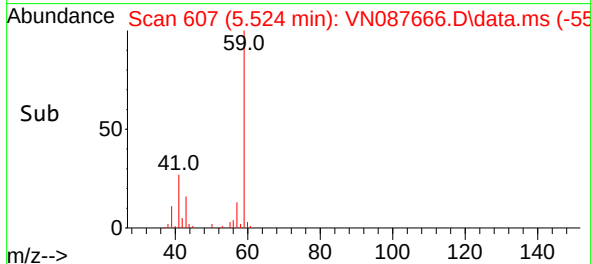
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



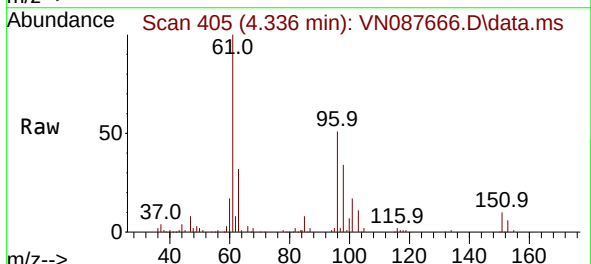
Tgt Ion: 59 Resp: 169199
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

Manual Integrations
APPROVED

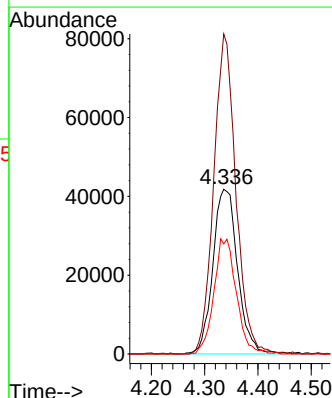
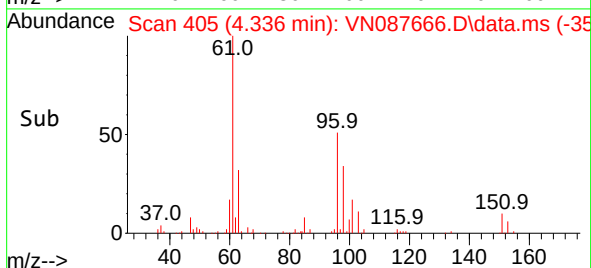
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

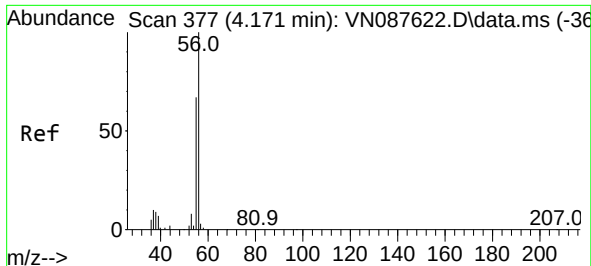


#12
1,1-Dichloroethene
Concen: 43.379 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



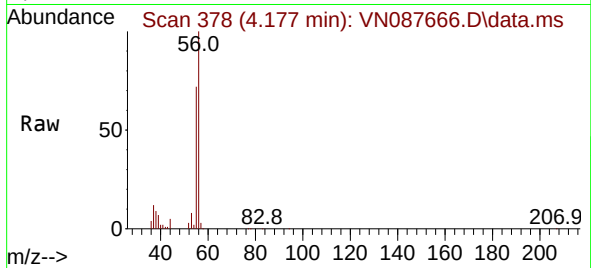
Tgt Ion: 96 Resp: 134746
Ion Ratio Lower Upper
96 100
61 194.3 143.8 215.8
98 66.9 52.1 78.1





#13
Acrolein
Concen: 239.459 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

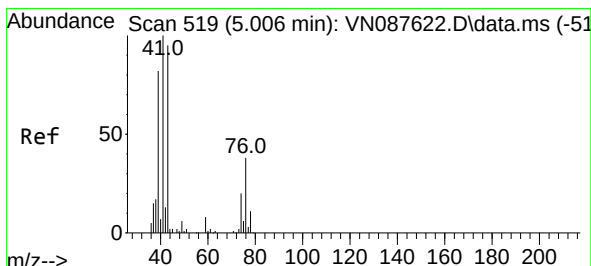
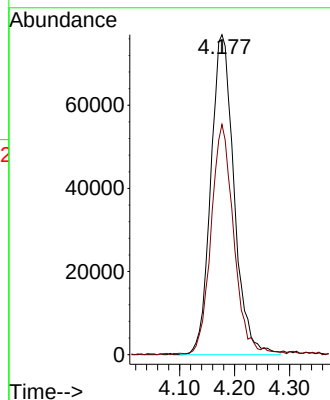
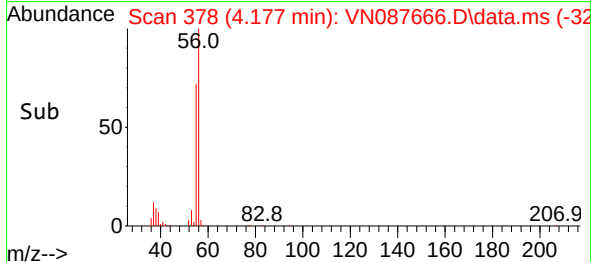
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 225598
Ion Ratio Lower Upper
56 100
55 69.6 57.3 85.9

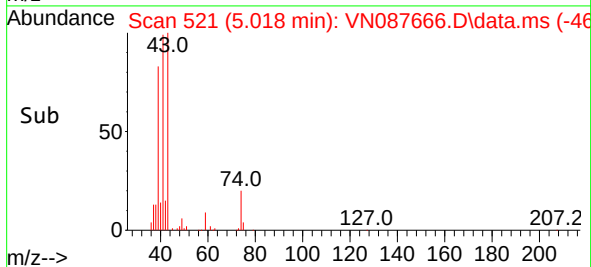
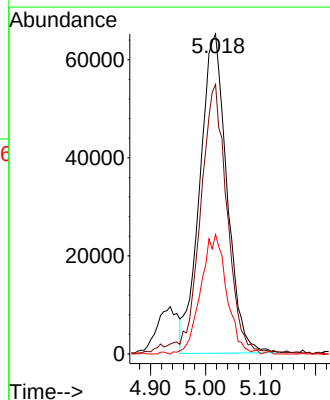
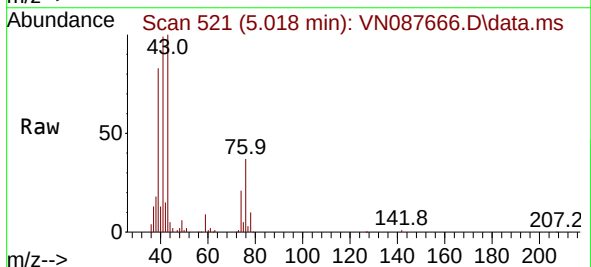
Manual Integrations
APPROVED

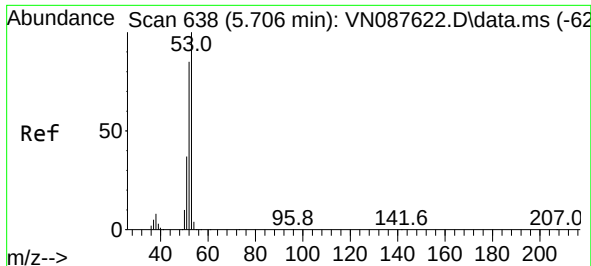
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#14
Allyl chloride
Concen: 39.582 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

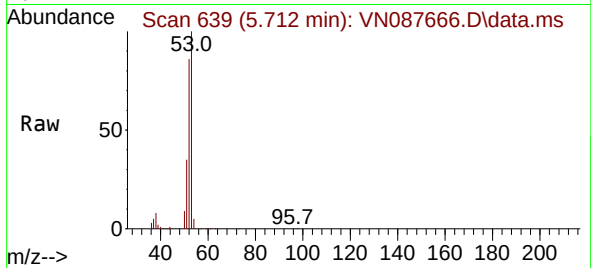
Tgt Ion: 41 Resp: 222809
Ion Ratio Lower Upper
41 100
39 82.3 63.9 95.9
76 35.9 28.1 42.1





#15
Acrylonitrile
Concen: 215.143 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

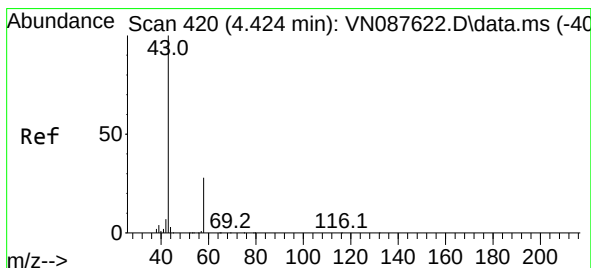
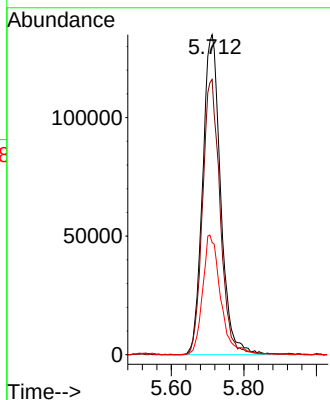
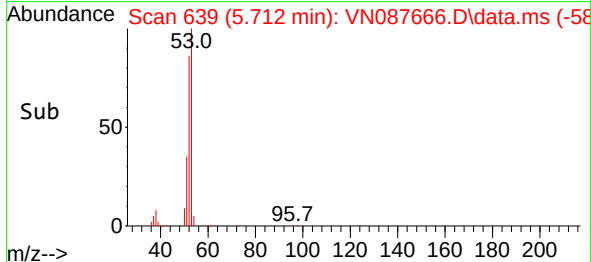
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 464984
Ion Ratio Lower Upper
53 100
52 83.8 67.6 101.4
51 37.3 30.1 45.1

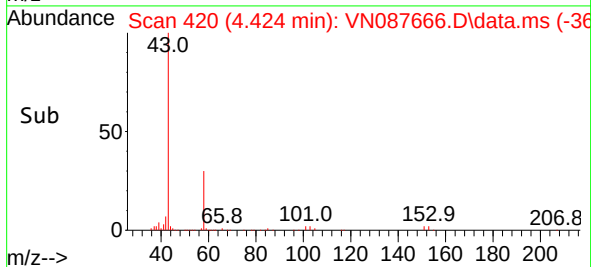
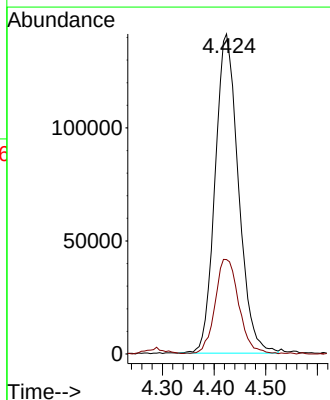
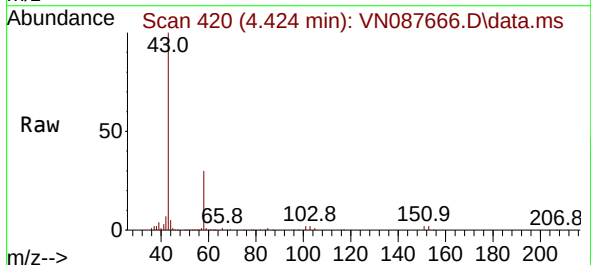
Manual Integrations
APPROVED

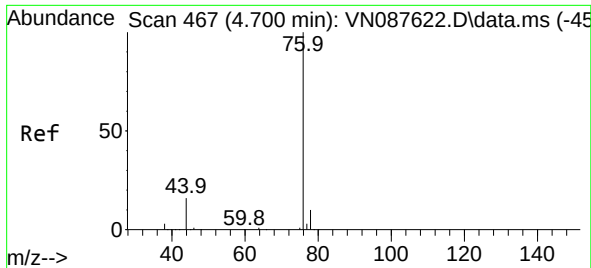
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#16
Acetone
Concen: 184.375 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion: 43 Resp: 443056
Ion Ratio Lower Upper
43 100
58 29.5 22.6 33.8





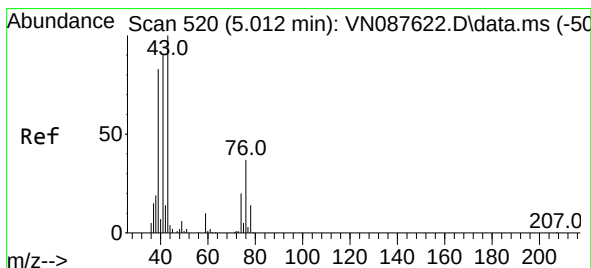
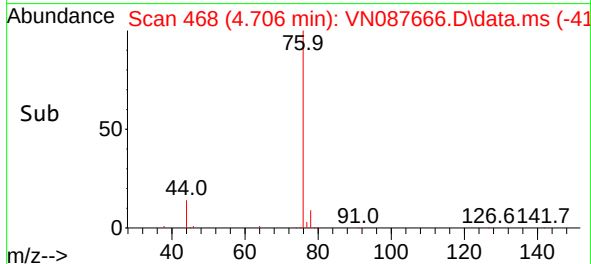
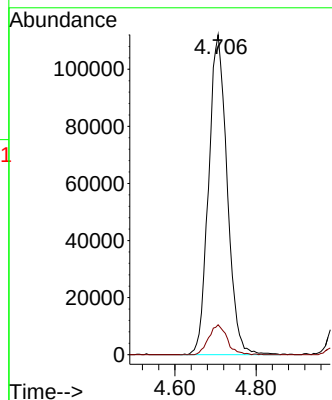
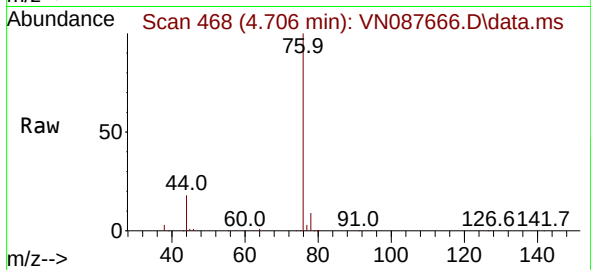
#17
Carbon Disulfide
Concen: 41.514 ug/l
RT: 4.706 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 355008
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

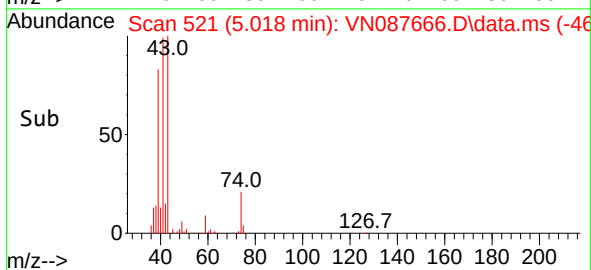
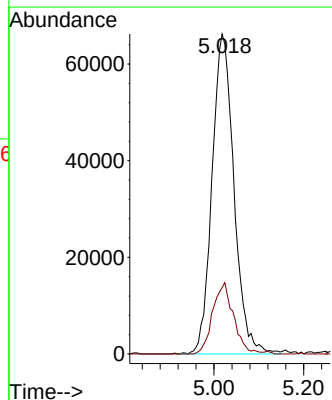
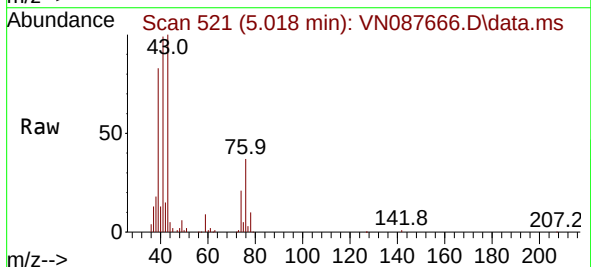
Manual Integrations
APPROVED

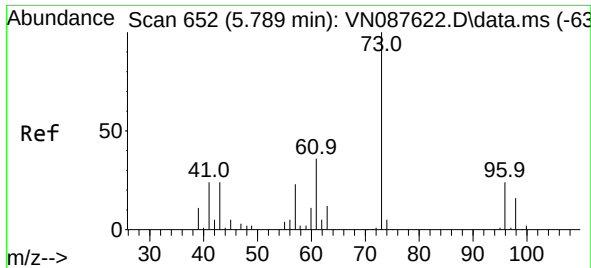
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#18
Methyl Acetate
Concen: 44.634 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion: 43 Resp: 224572
Ion Ratio Lower Upper
43 100
74 21.2 17.6 26.4





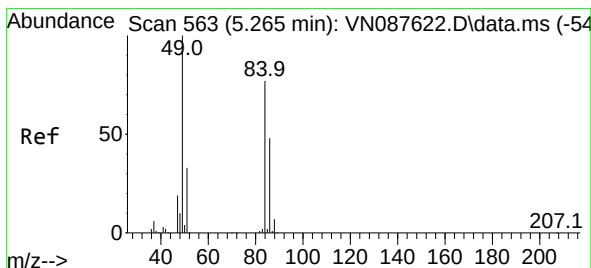
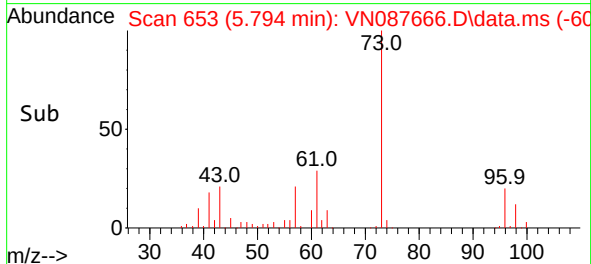
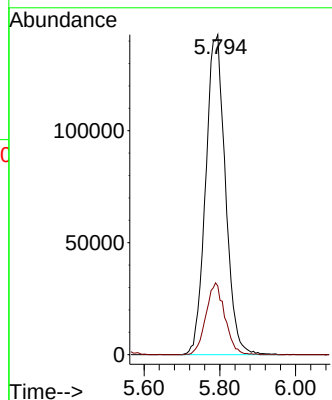
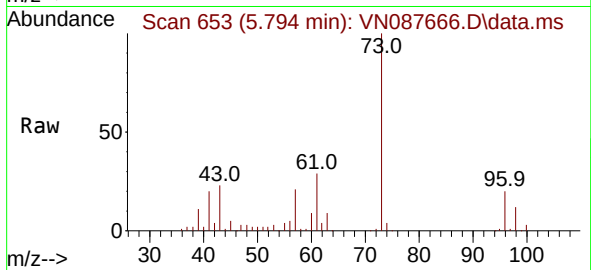
#19
Methyl tert-butyl Ether
Concen: 44.220 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 515290
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6

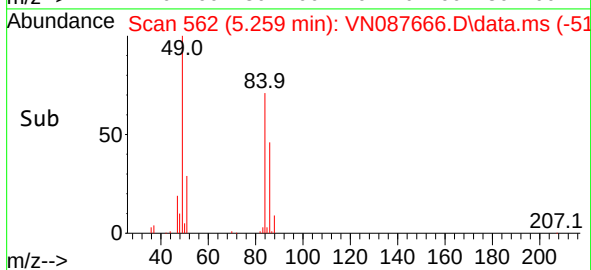
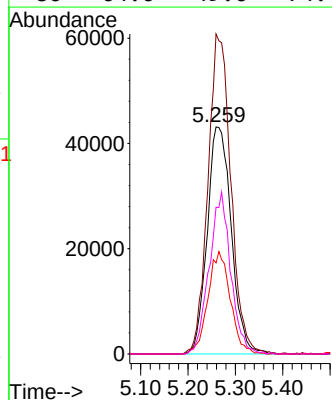
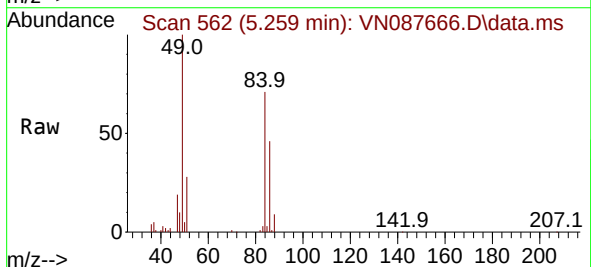
Manual Integrations
APPROVED

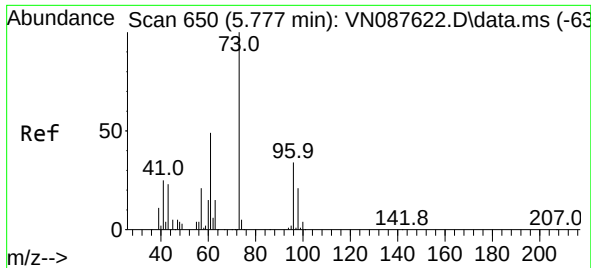
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#20
Methylene Chloride
Concen: 43.681 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

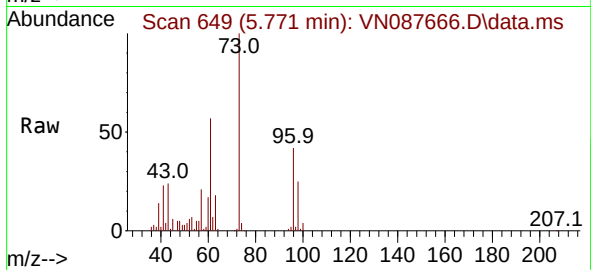
Tgt Ion: 84 Resp: 152370
Ion Ratio Lower Upper
84 100
49 140.9 103.4 155.2
51 40.1 33.8 50.8
86 64.6 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 41.640 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

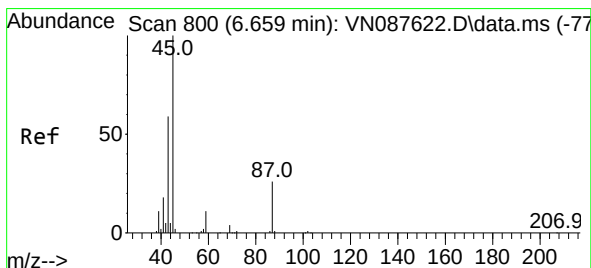
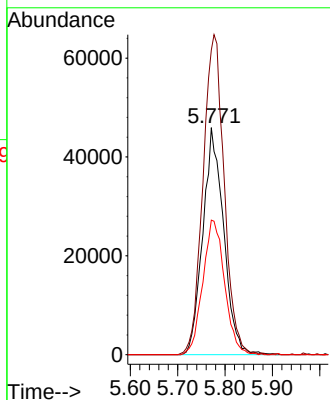
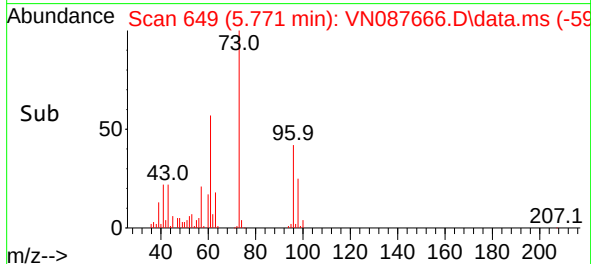
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 14018
Ion Ratio Lower Upper
96 100
61 134.2 118.0 177.0
98 59.2 50.0 75.0

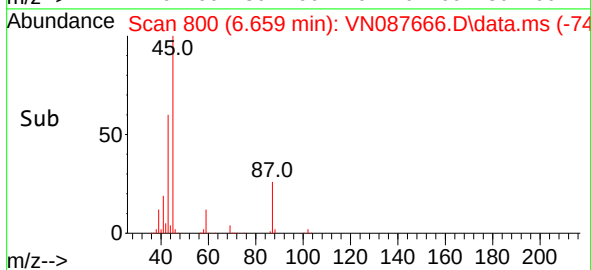
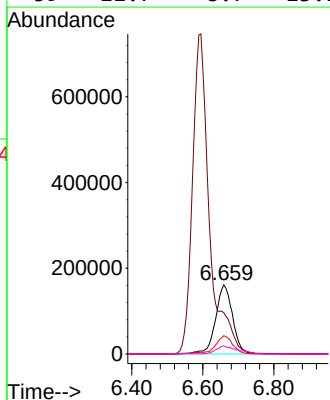
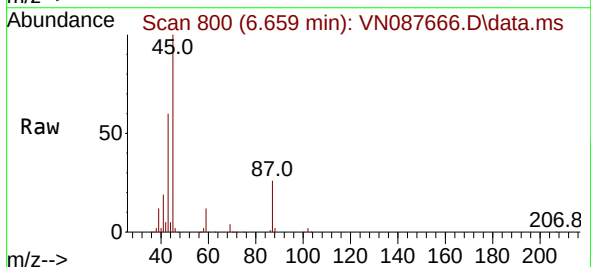
Manual Integrations
APPROVED

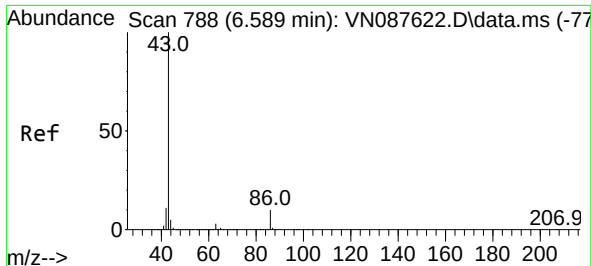
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#22
Diisopropyl ether
Concen: 43.810 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

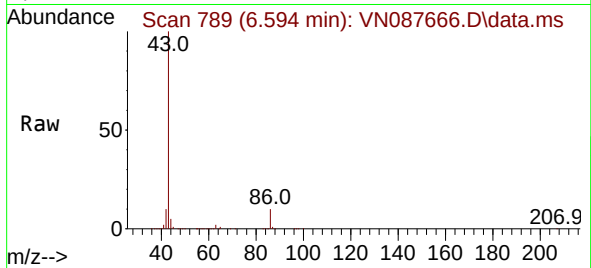
Tgt Ion: 45 Resp: 532178
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 26.3 21.4 32.0
59 11.7 8.7 13.1





#23
 Vinyl Acetate
 Concen: 223.409 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

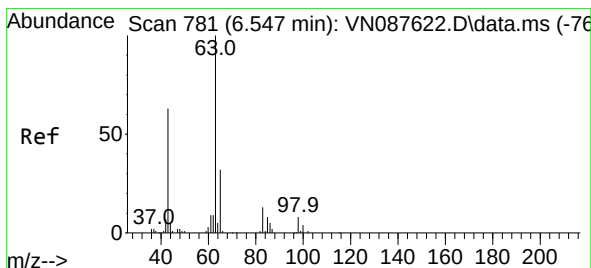
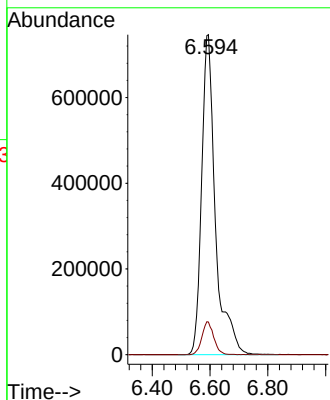
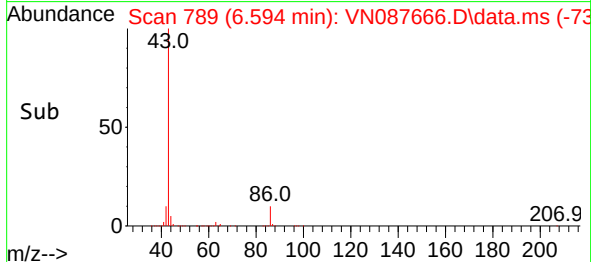
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2469014
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

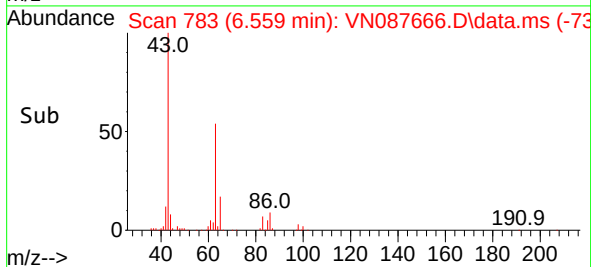
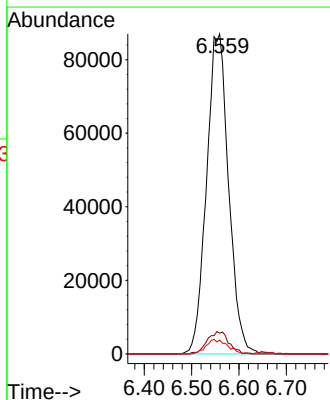
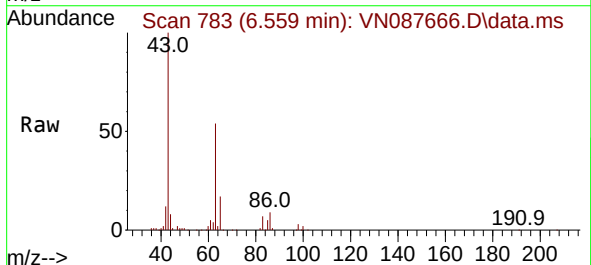
Manual Integrations
 APPROVED

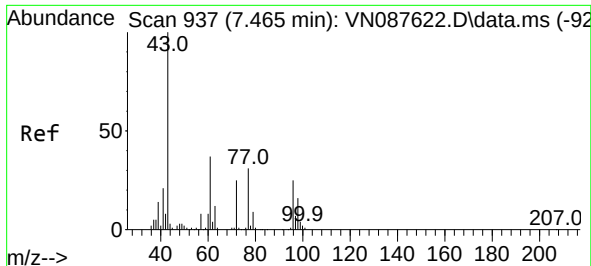
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#24
 1,1-Dichloroethane
 Concen: 42.370 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

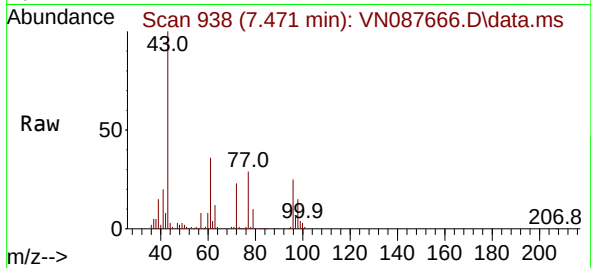
Tgt Ion: 63 Resp: 282199
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 210.937 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

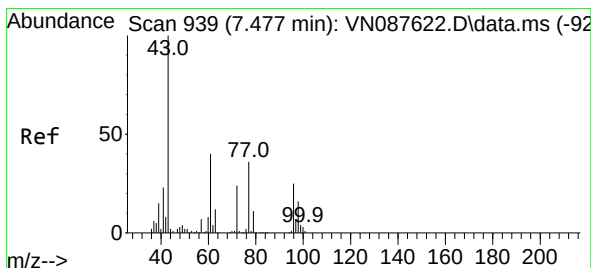
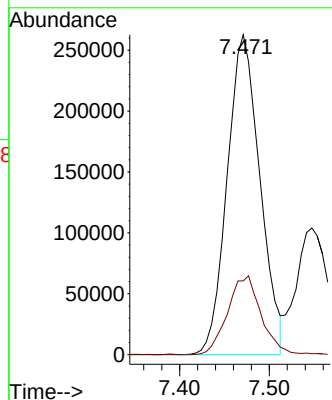
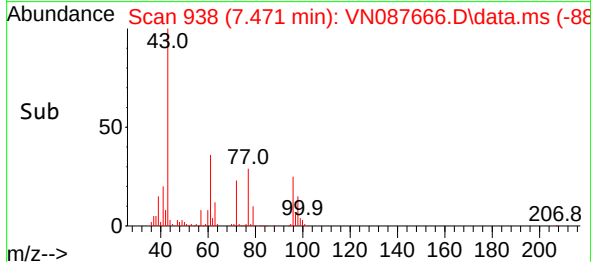
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 666872
Ion Ratio Lower Upper
43 100
72 23.1 19.9 29.9

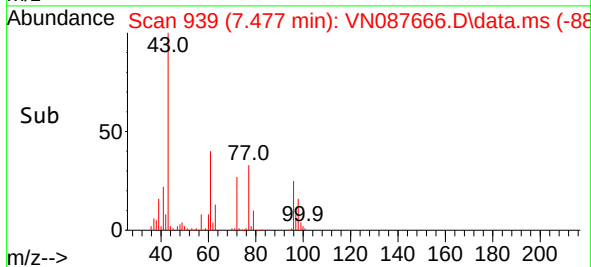
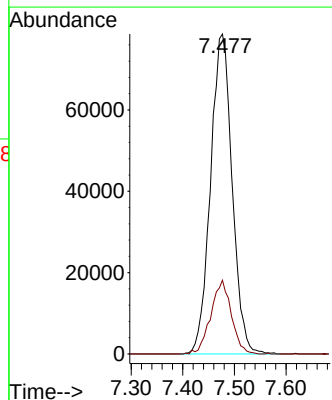
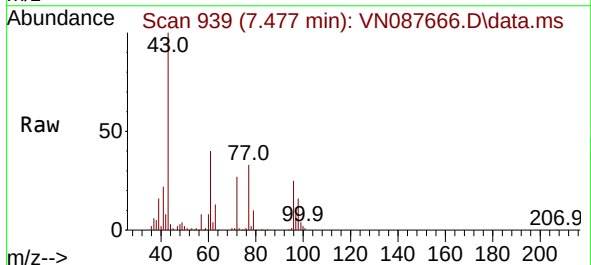
Manual Integrations
APPROVED

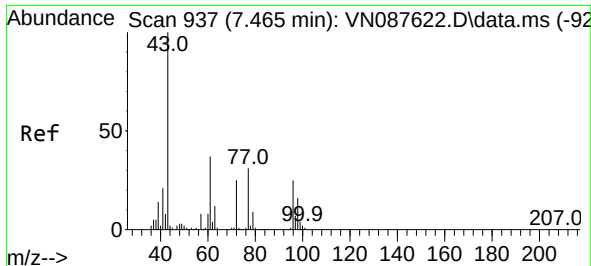
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#26
2,2-Dichloropropane
Concen: 39.950 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

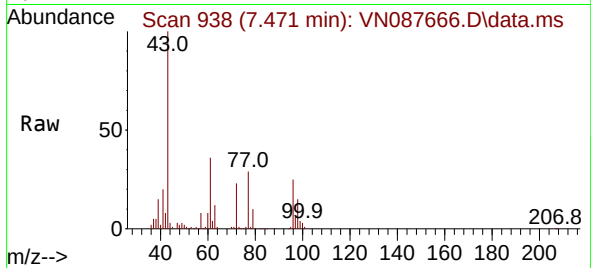
Tgt Ion: 77 Resp: 228369
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 42.424 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

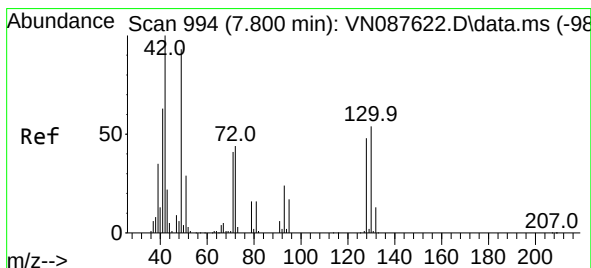
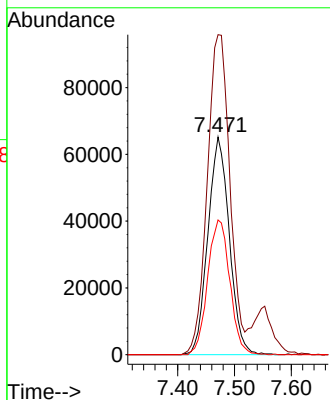
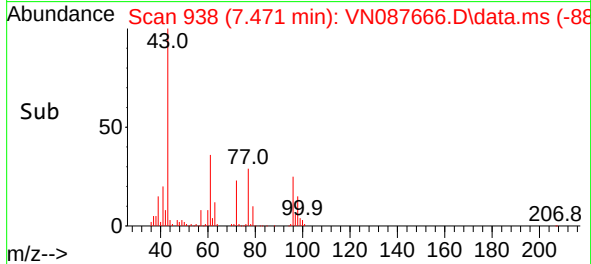
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17074
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 301.8
 98 63.9 0.0 126.2

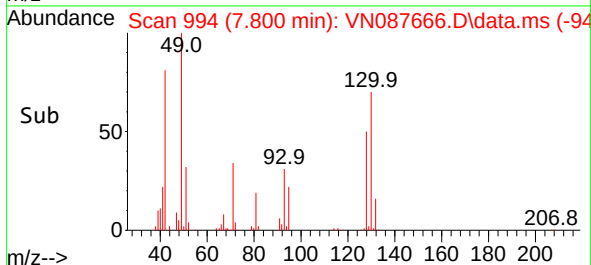
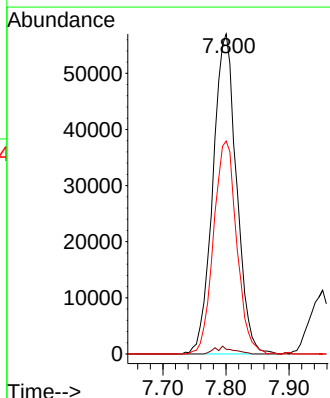
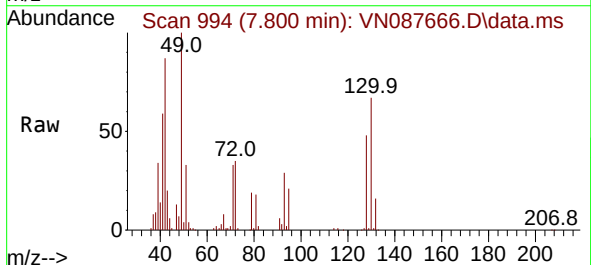
Manual Integrations
 APPROVED

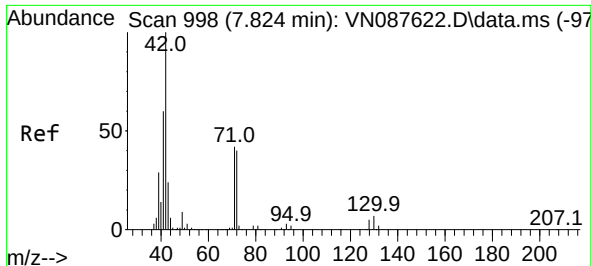
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#28
 Bromochloromethane
 Concen: 46.045 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

Tgt Ion: 49 Resp: 148259
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 65.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 216.409 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 440302

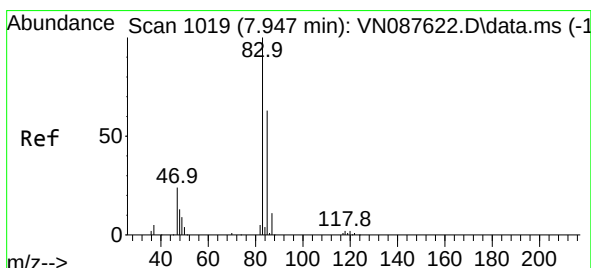
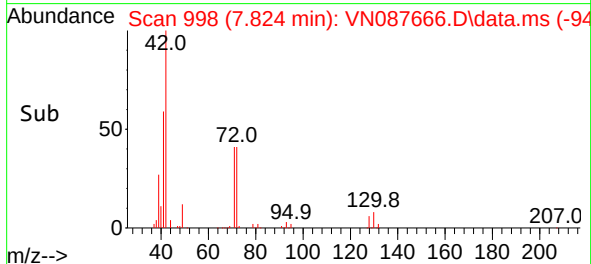
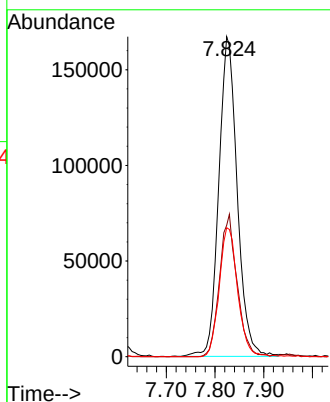
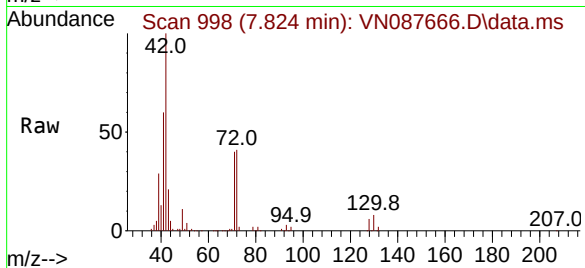
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.7	50.5
71	40.4	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#30

Chloroform

Concen: 43.815 ug/l

RT: 7.953 min Scan# 1020

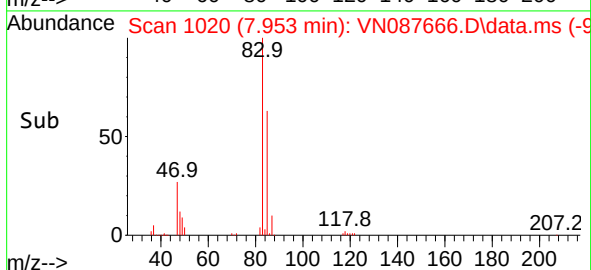
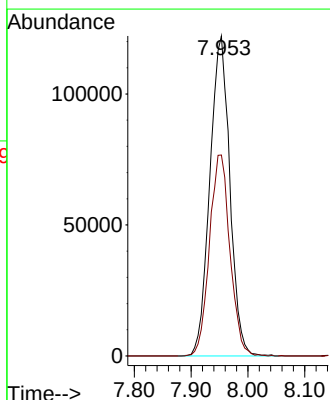
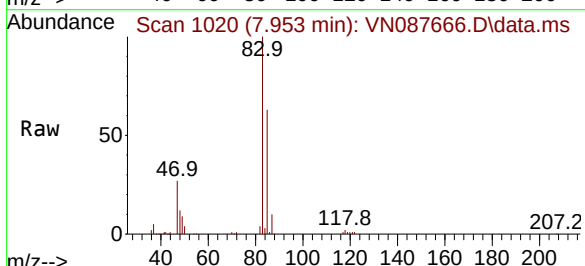
Delta R.T. 0.006 min

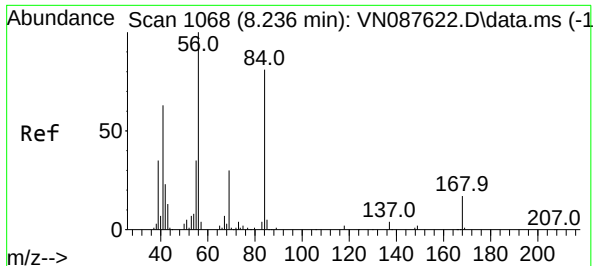
Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Tgt Ion: 83 Resp: 297861

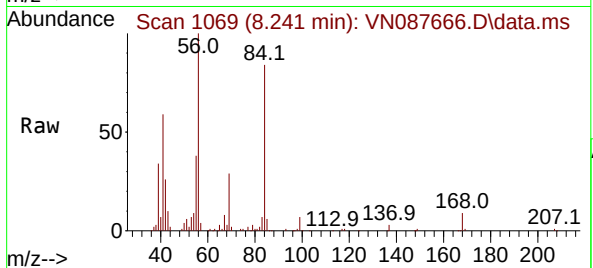
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.7	76.1





#31
Cyclohexane
Concen: 41.785 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

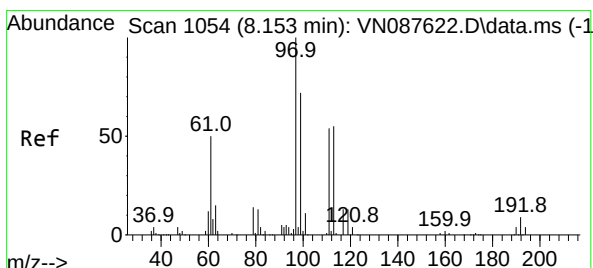
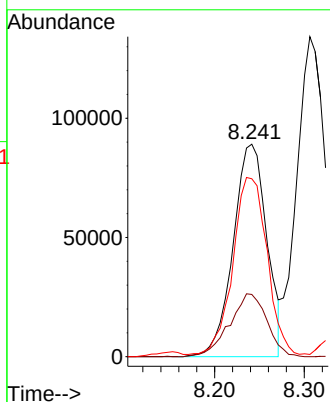
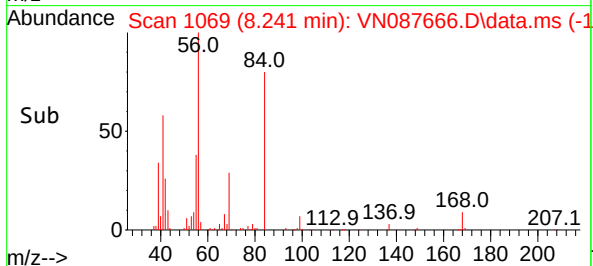
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23200
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 81.7 64.7 97.1

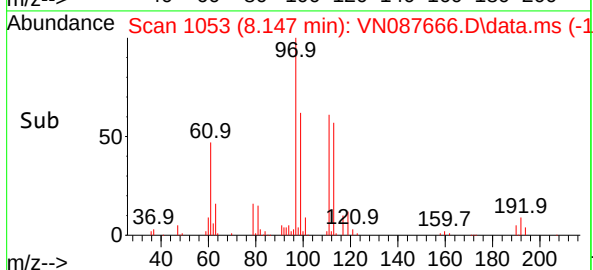
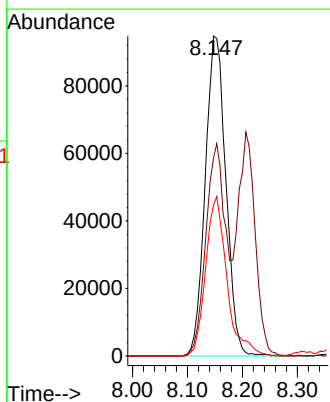
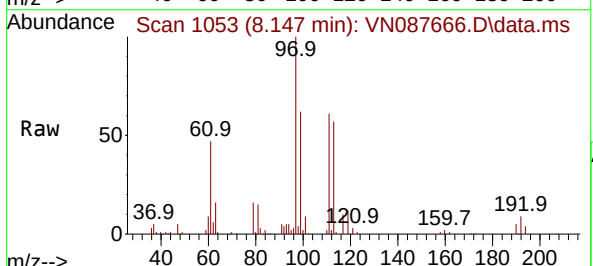
Manual Integrations
APPROVED

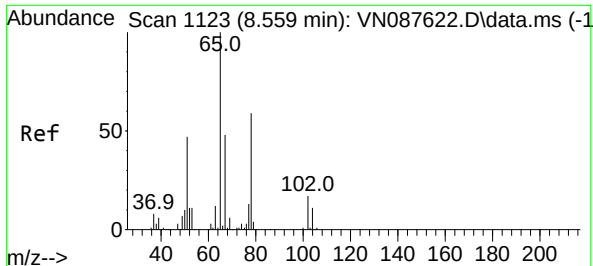
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#32
1,1,1-Trichloroethane
Concen: 42.888 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion: 97 Resp: 247082
Ion Ratio Lower Upper
97 100
99 62.2 52.2 78.2
61 51.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.085 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19019

Ion Ratio Lower Upper

65 100

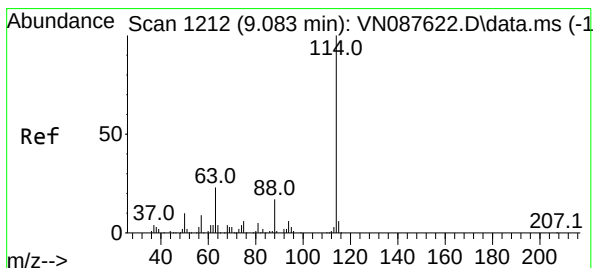
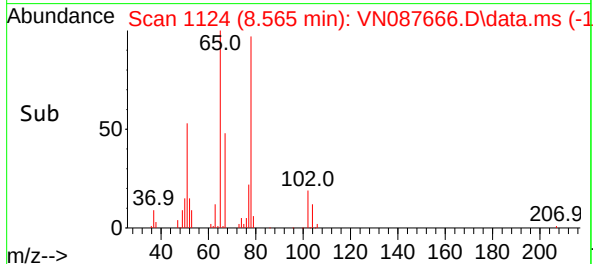
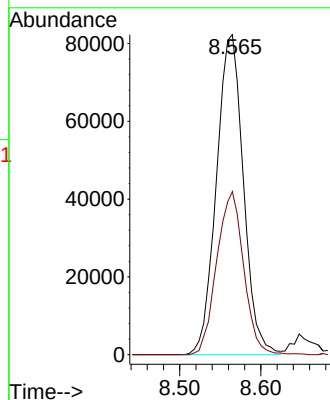
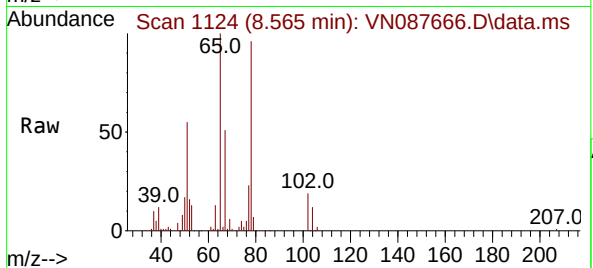
67 50.9 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

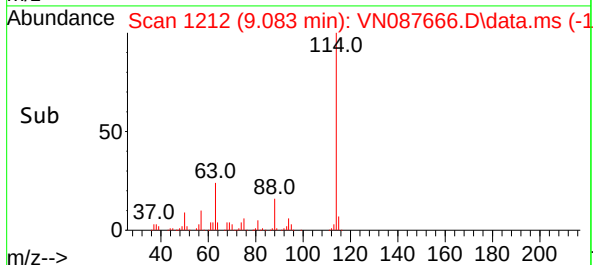
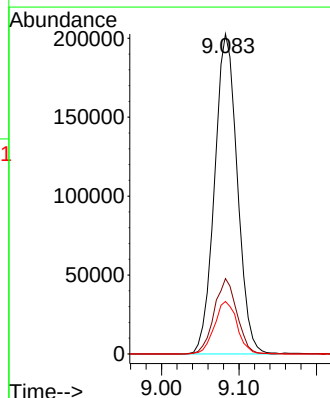
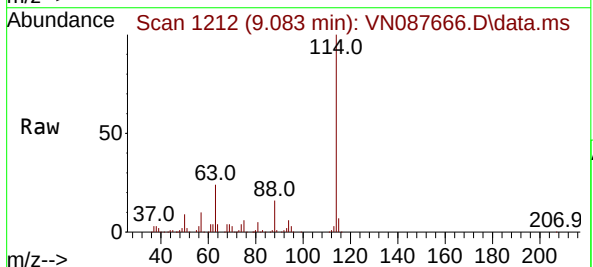
Tgt Ion:114 Resp: 414268

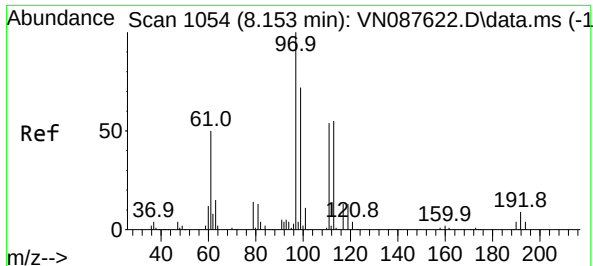
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.605 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

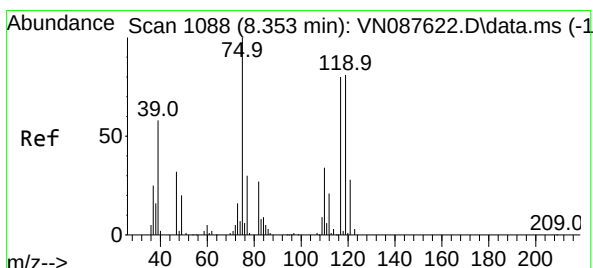
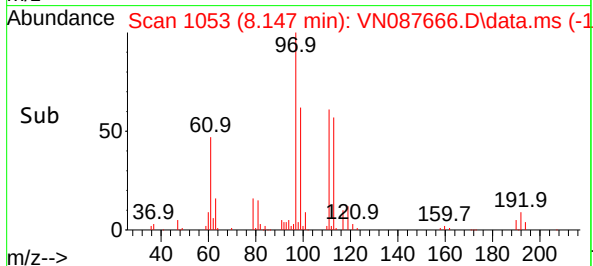
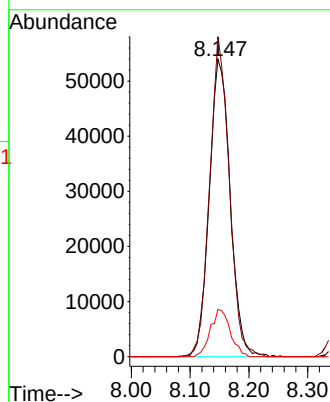
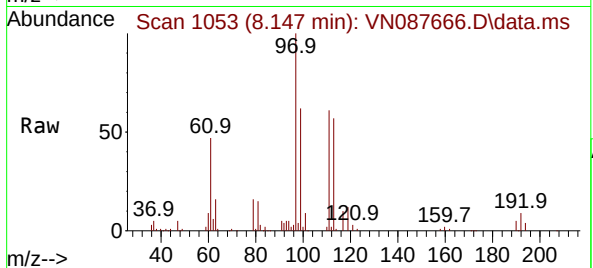
Tgt Ion:	113	Resp:	133414
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.8	124.2
192	15.1	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#36

1,1-Dichloropropene

Concen: 43.435 ug/l

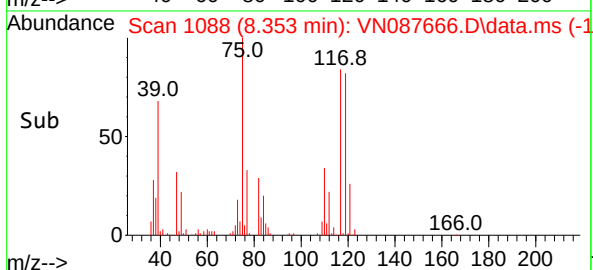
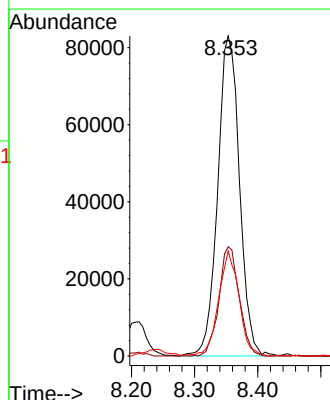
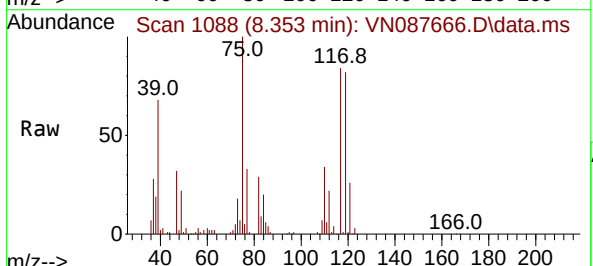
RT: 8.353 min Scan# 1088

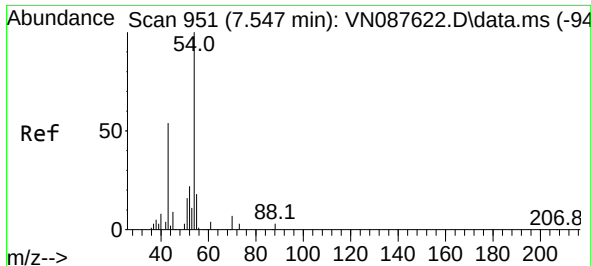
Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

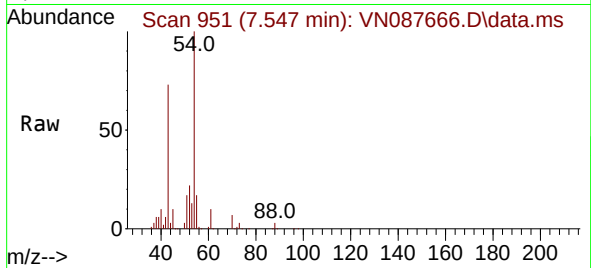
Tgt Ion:	75	Resp:	199305
Ion Ratio	Lower	Upper	
75	100		
110	31.8	15.9	47.6
77	30.7	24.4	36.6





#37
Ethyl Acetate
Concen: 41.966 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

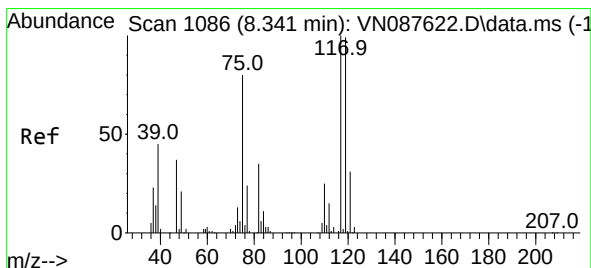
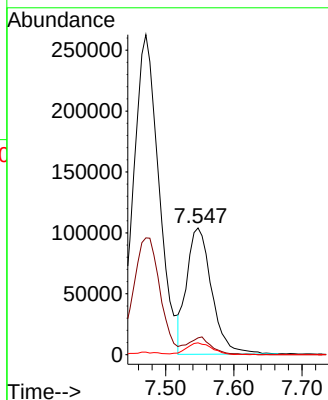
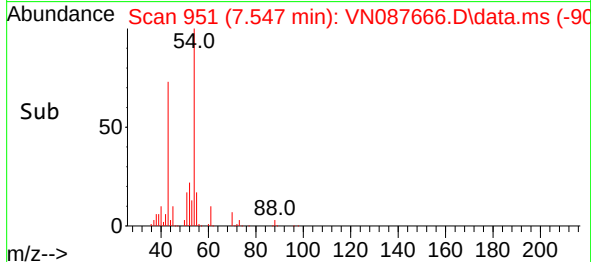
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26313
Ion Ratio Lower Upper
43 100
61 12.6 9.3 13.9
70 9.6 7.0 10.6

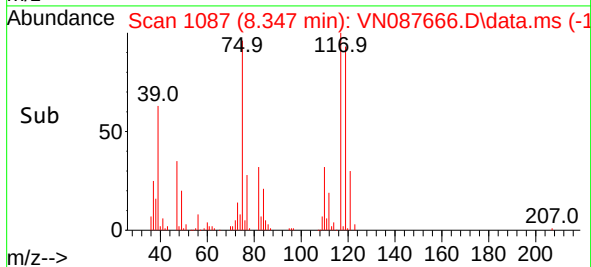
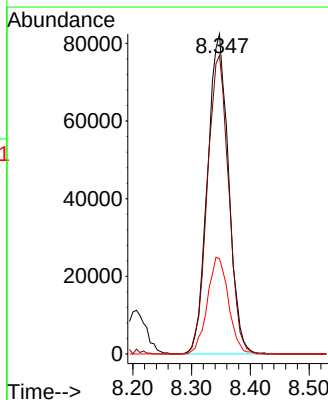
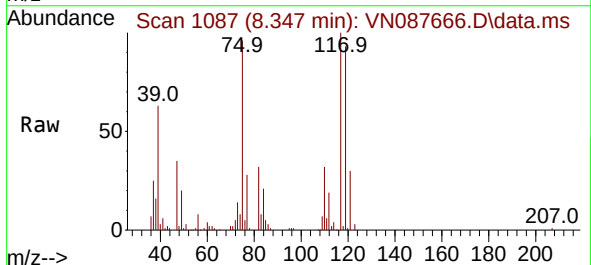
Manual Integrations
APPROVED

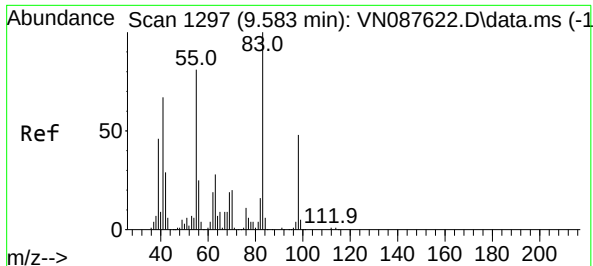
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#38
Carbon Tetrachloride
Concen: 45.334 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion:117 Resp: 205384
Ion Ratio Lower Upper
117 100
119 93.4 79.0 118.6
121 29.8 25.0 37.6





#39

Methylcyclohexane

Concen: 42.927 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

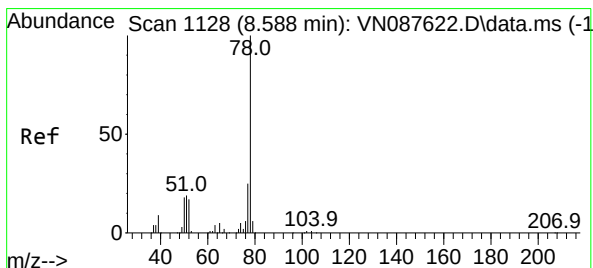
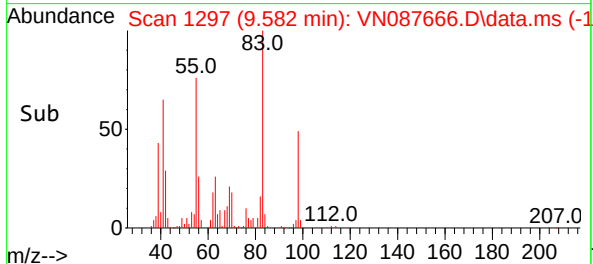
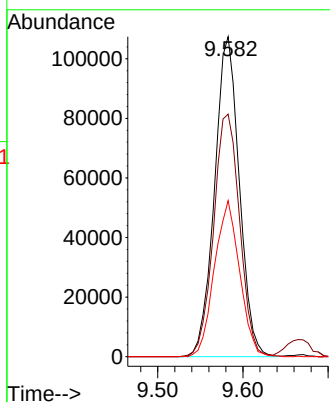
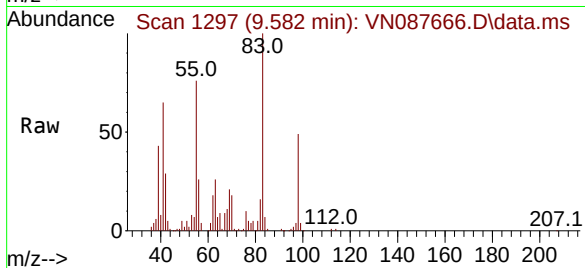
Tgt Ion: 83 Resp: 216850
 Ion Ratio Lower Upper
 83 100
 55 75.8 64.6 96.8
 98 48.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#40

Benzene

Concen: 44.388 ug/l

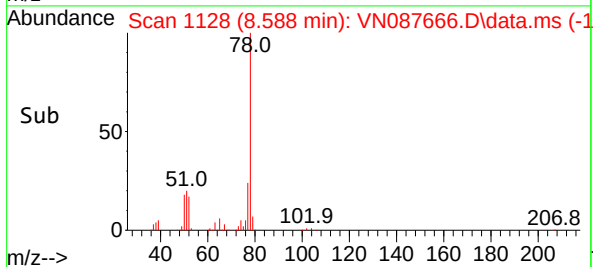
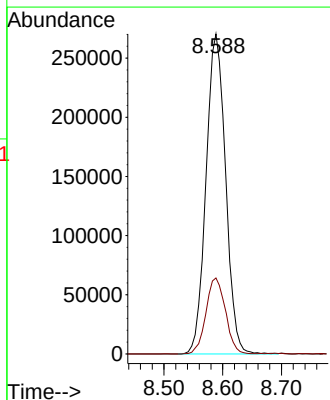
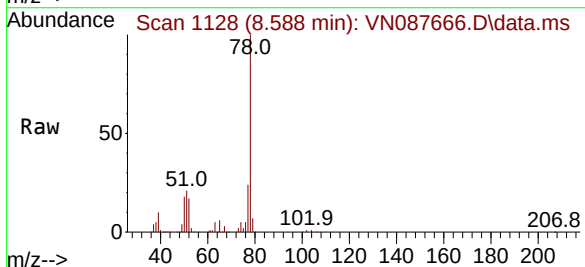
RT: 8.588 min Scan# 1128

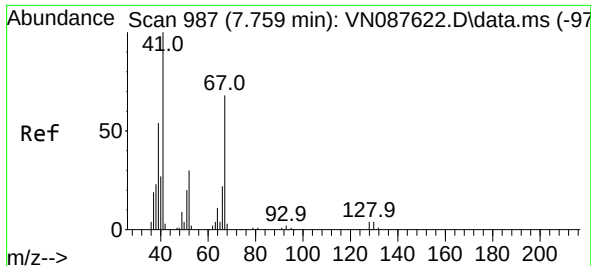
Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

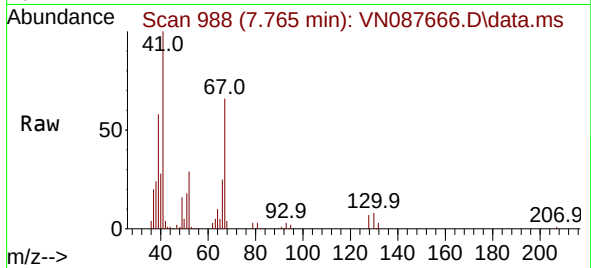
Tgt Ion: 78 Resp: 624707
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.7 29.5





#41
Methacrylonitrile
Concen: 45.505 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

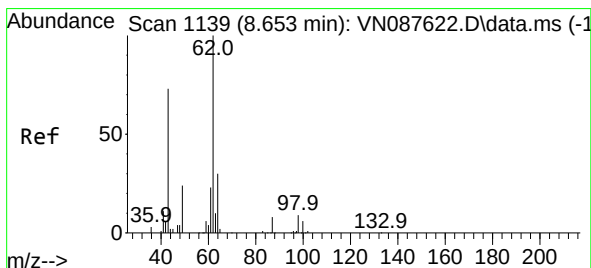
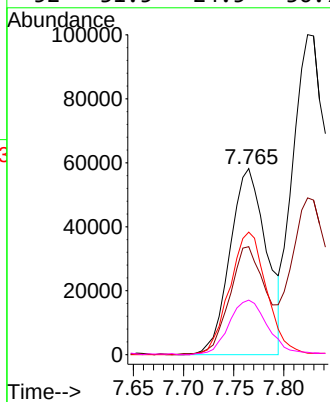
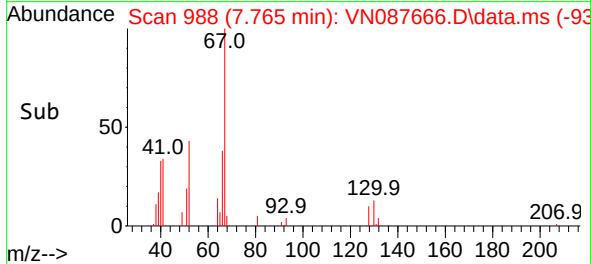
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 147798
Ion Ratio Lower Upper
41 100
39 55.1 45.4 68.0
67 66.8 55.3 82.9
52 31.5 24.5 36.7

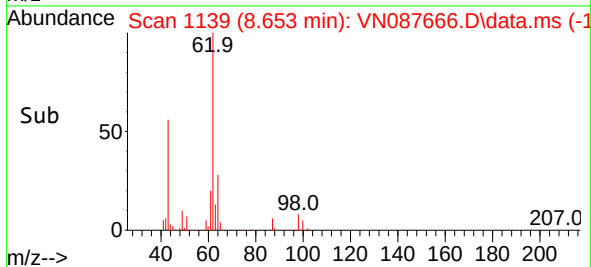
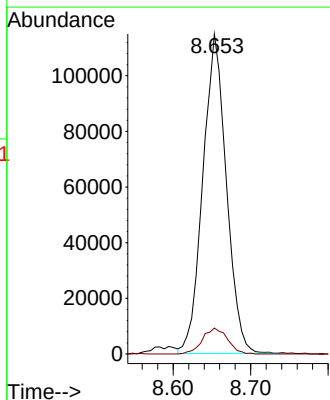
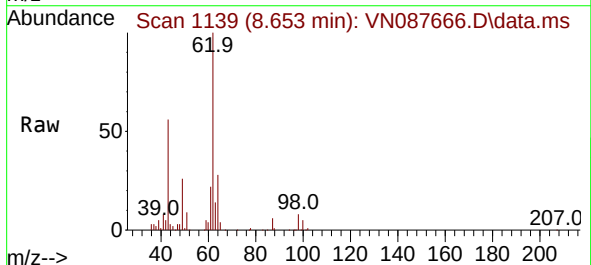
Manual Integrations
APPROVED

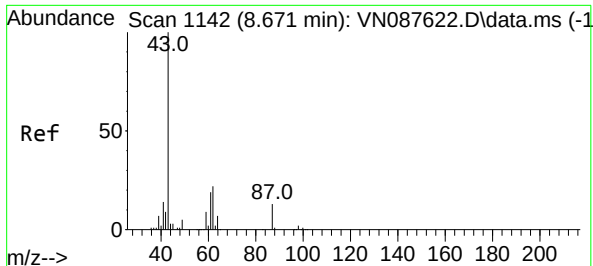
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#42
1,2-Dichloroethane
Concen: 44.741 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

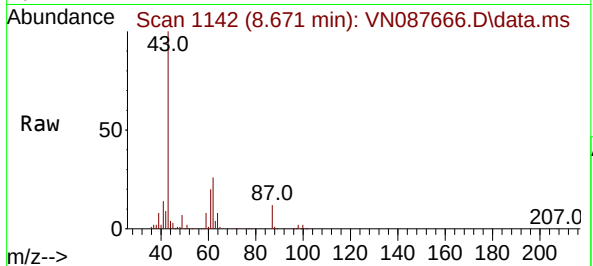
Tgt Ion: 62 Resp: 241975
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.4





#43
Isopropyl Acetate
Concen: 45.588 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

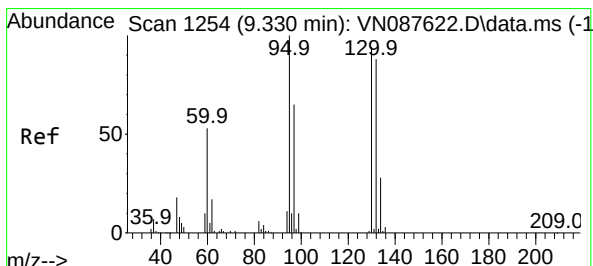
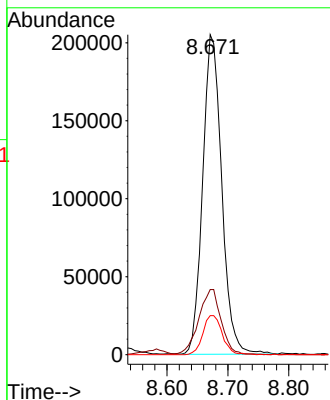
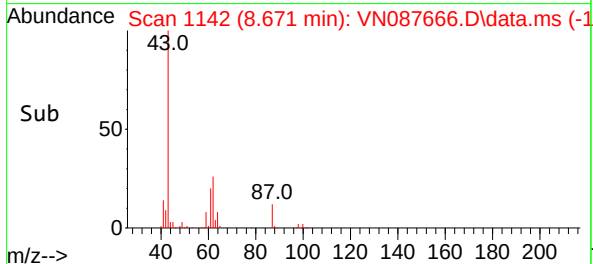
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 446279
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 12.4 9.6 14.4

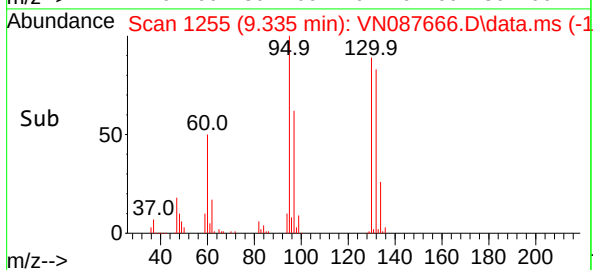
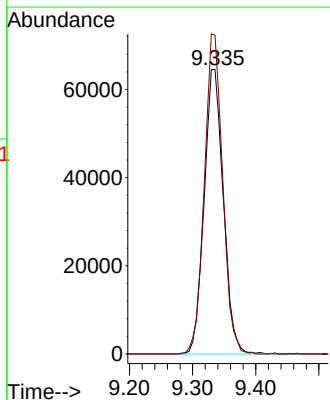
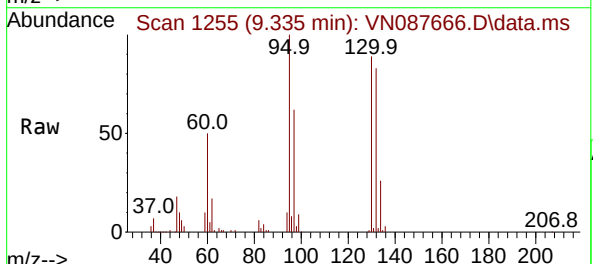
Manual Integrations
APPROVED

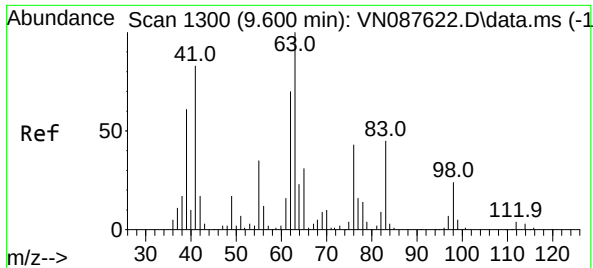
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#44
Trichloroethene
Concen: 42.406 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion:130 Resp: 136259
Ion Ratio Lower Upper
130 100
95 112.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 43.281 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 160560

Ion Ratio Lower Upper

63 100

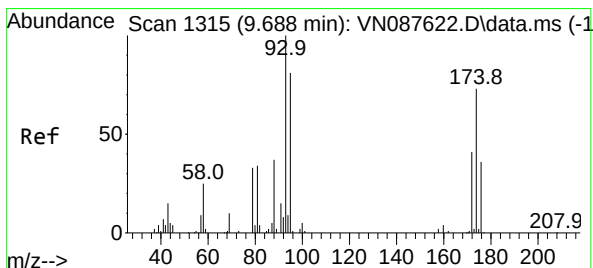
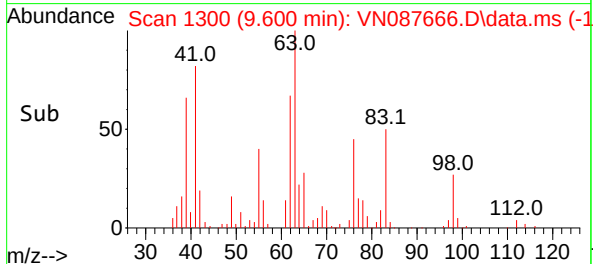
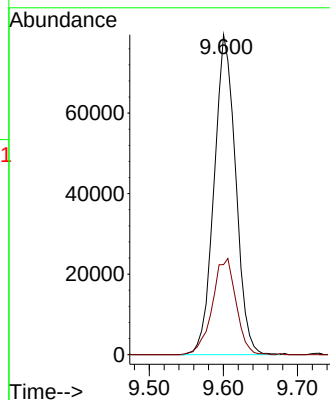
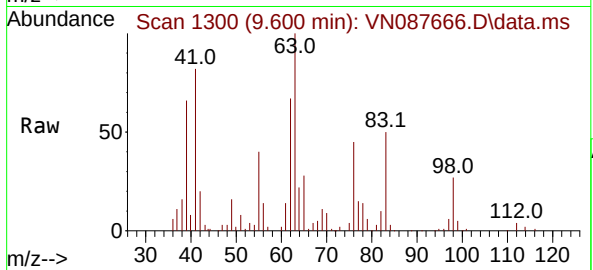
65 28.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#46

Dibromomethane

Concen: 45.113 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

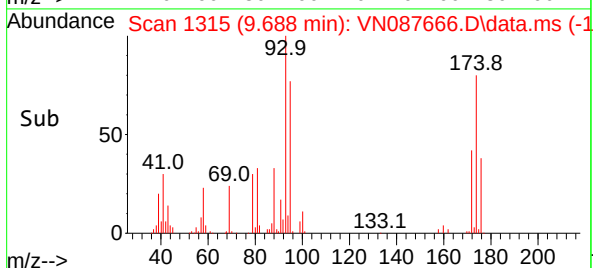
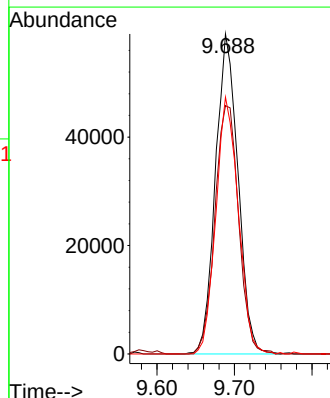
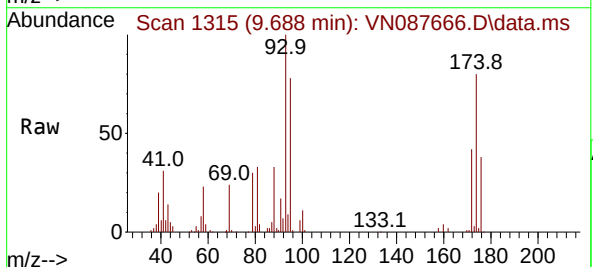
Tgt Ion: 93 Resp: 119095

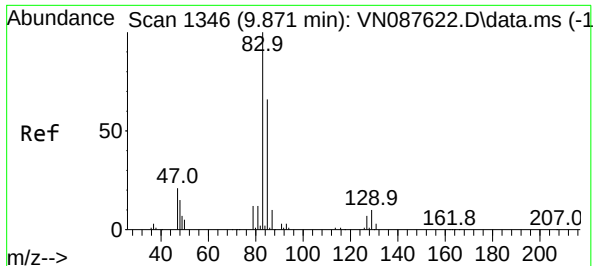
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

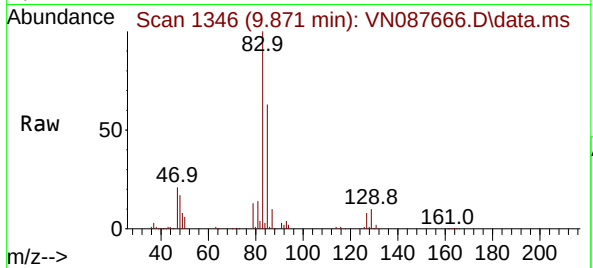
174 80.3 63.4 95.2





#47
Bromodichloromethane
Concen: 43.838 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

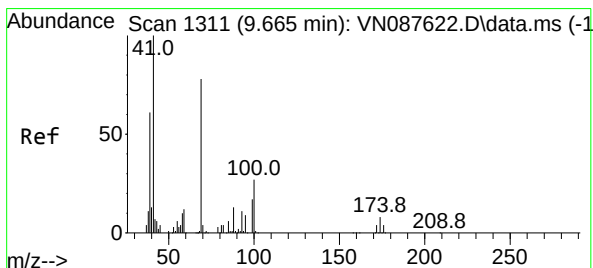
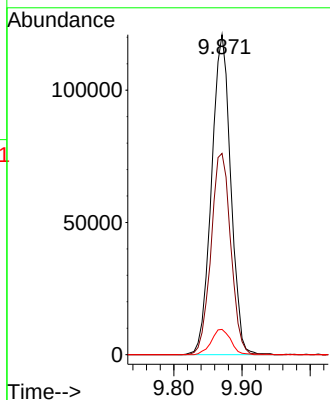
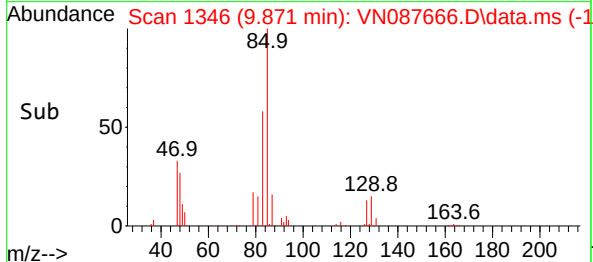
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



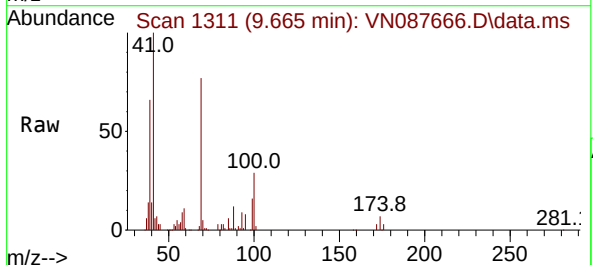
Tgt Ion: 83 Resp: 237179
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7
127 7.9 5.8 8.6

Manual Integrations
APPROVED

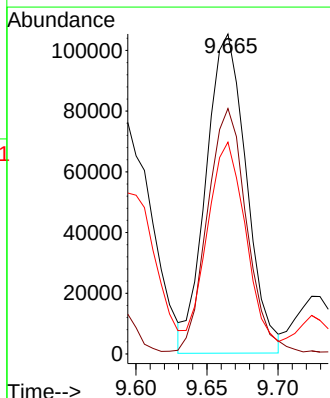
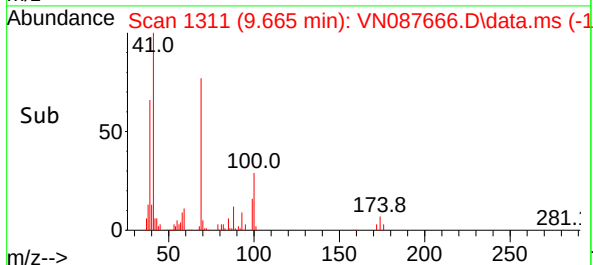
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

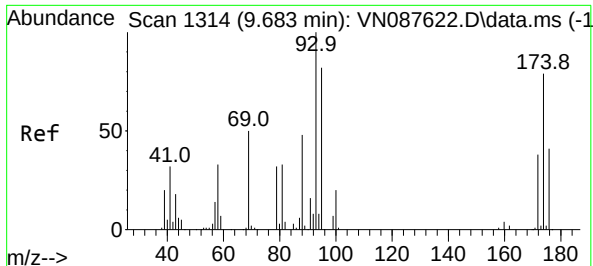


#48
Methyl methacrylate
Concen: 44.855 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



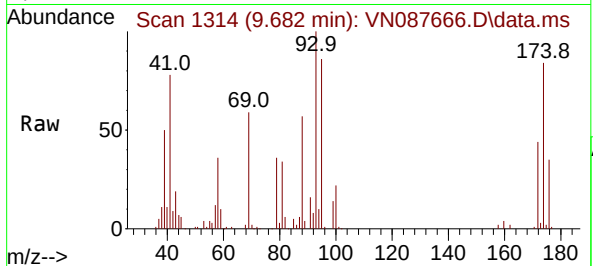
Tgt Ion: 41 Resp: 207701
Ion Ratio Lower Upper
41 100
69 76.6 62.7 94.1
39 65.1 52.9 79.3





#49
1,4-Dioxane
Concen: 942.800 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

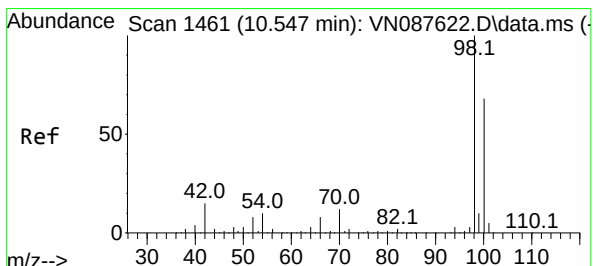
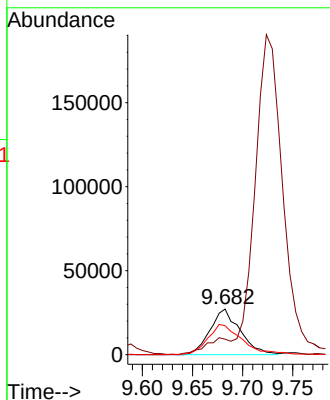
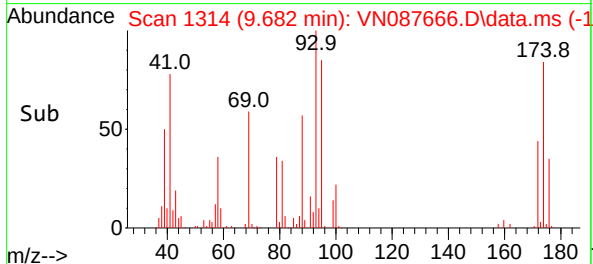
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



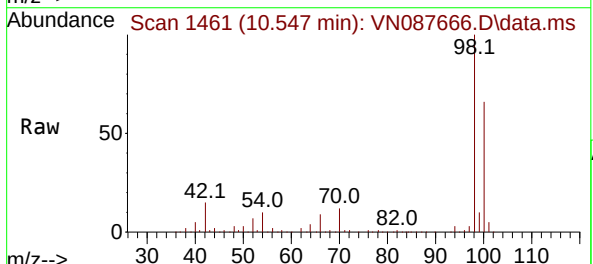
Tgt Ion: 88 Resp: 56584
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.6 57.9 86.9

Manual Integrations
APPROVED

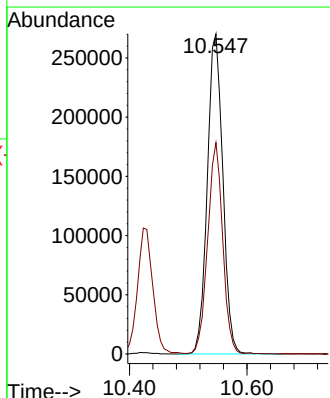
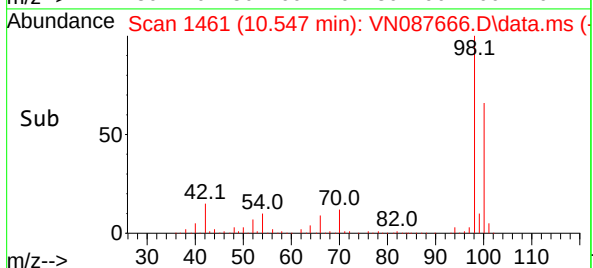
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

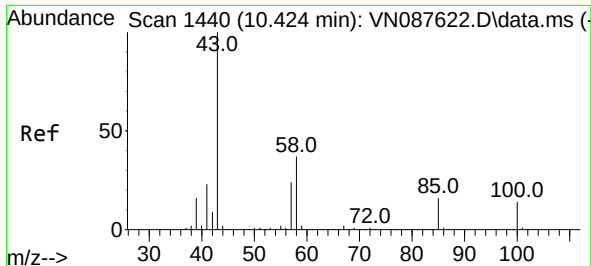


#50
Toluene-d8
Concen: 44.256 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



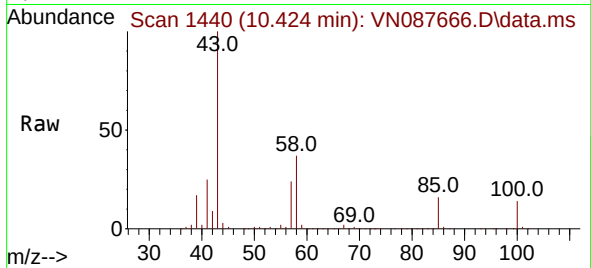
Tgt Ion: 98 Resp: 495439
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 235.256 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

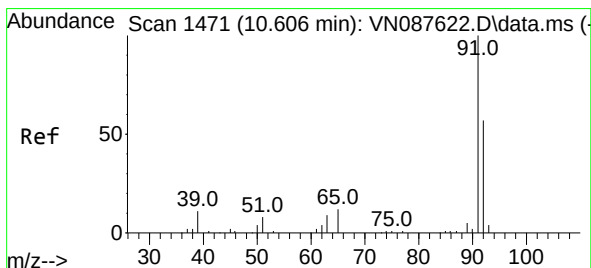
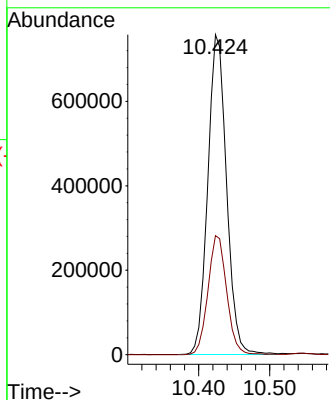
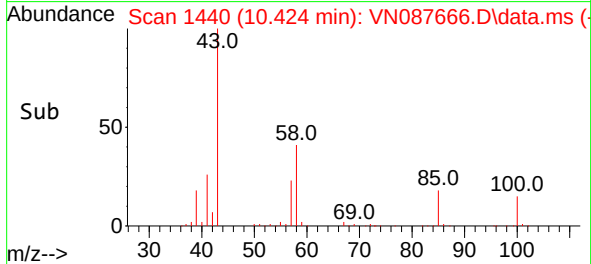
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1389509
Ion Ratio Lower Upper
43 100
58 37.2 29.6 44.4

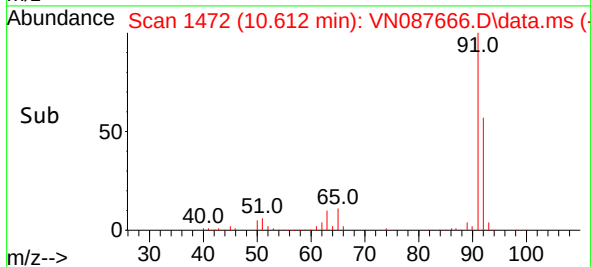
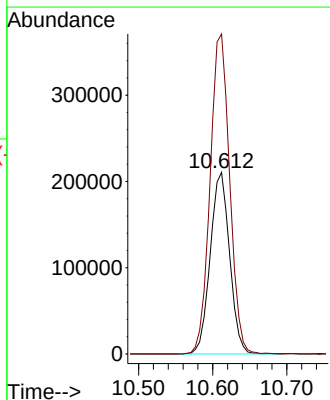
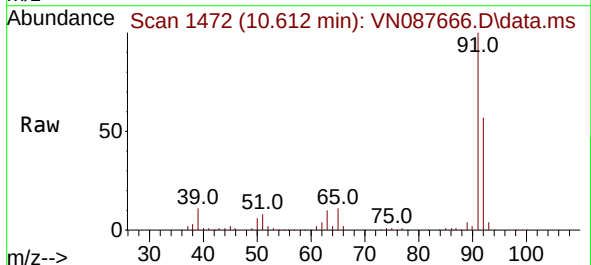
Manual Integrations
APPROVED

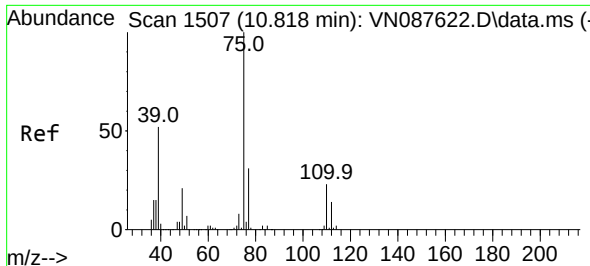
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#52
Toluene
Concen: 43.775 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

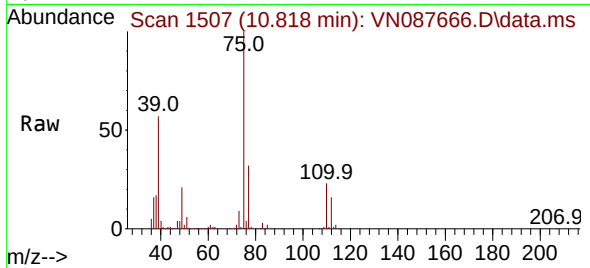
Tgt Ion: 92 Resp: 381935
Ion Ratio Lower Upper
92 100
91 178.3 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 45.095 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

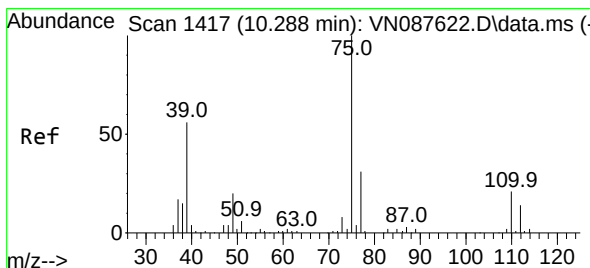
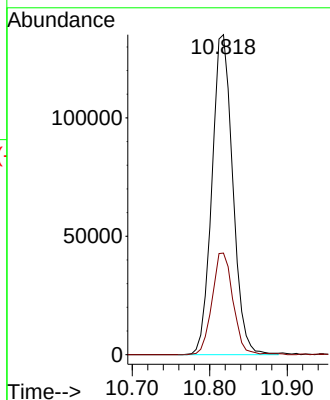
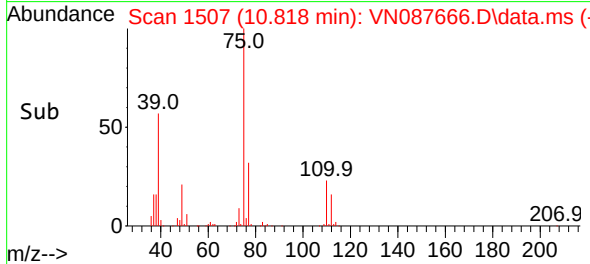
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



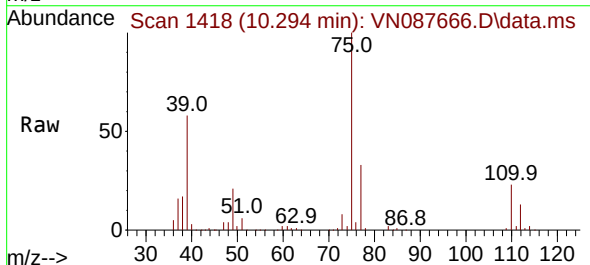
Tgt Ion: 75 Resp: 252540
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8

Manual Integrations
APPROVED

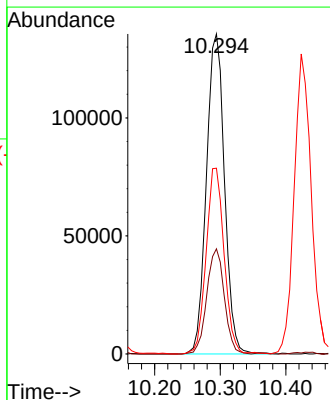
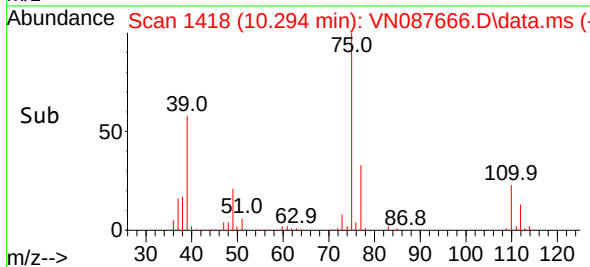
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

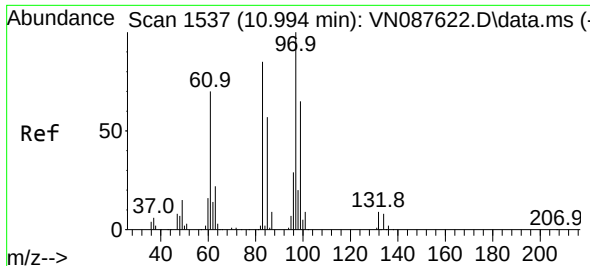


#54
cis-1,3-Dichloropropene
Concen: 44.785 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



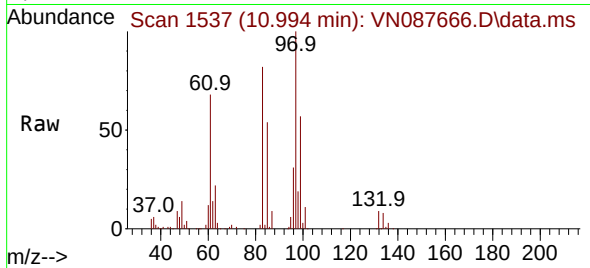
Tgt Ion: 75 Resp: 260421
Ion Ratio Lower Upper
75 100
77 32.9 24.6 37.0
39 58.1 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 46.319 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

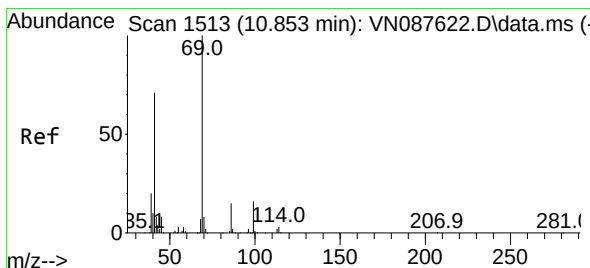
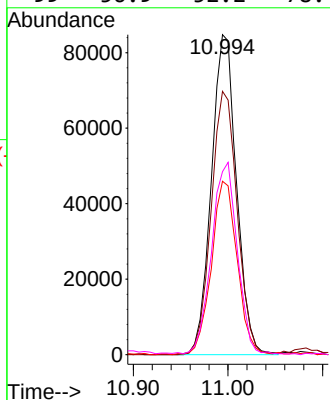
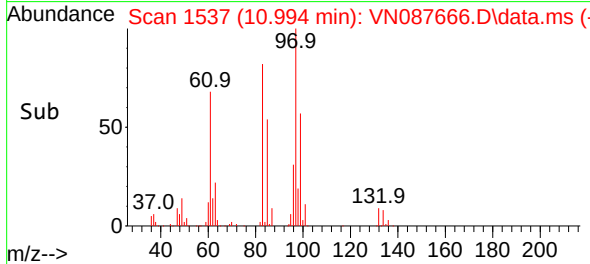
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	15633
Ion Ratio	Lower	Upper	
97	100		
83	82.3	68.2	102.4
85	53.9	45.5	68.3
99	56.9	52.2	78.4

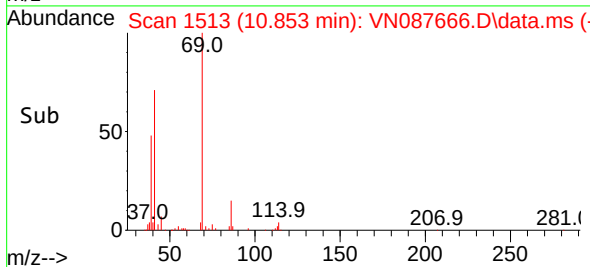
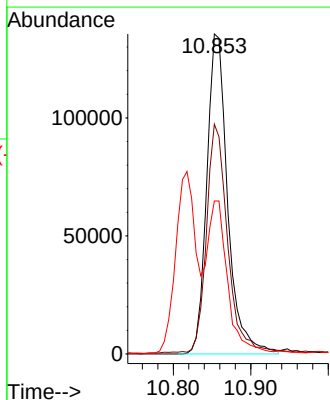
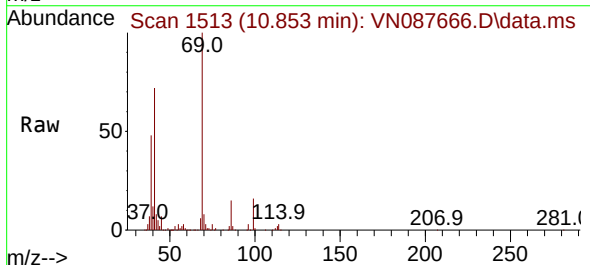
Manual Integrations
APPROVED

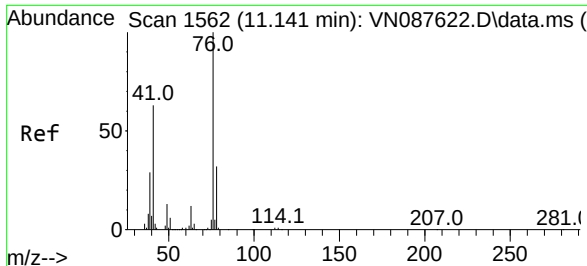
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#56
Ethyl methacrylate
Concen: 47.088 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

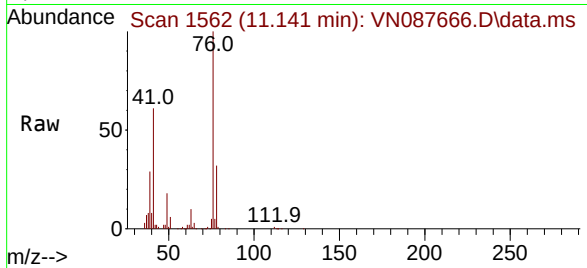
Tgt Ion:	69	Resp:	253994
Ion Ratio	Lower	Upper	
69	100		
41	74.4	56.5	84.7
39	45.9	34.2	51.4





#57
1,3-Dichloropropane
Concen: 45.507 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

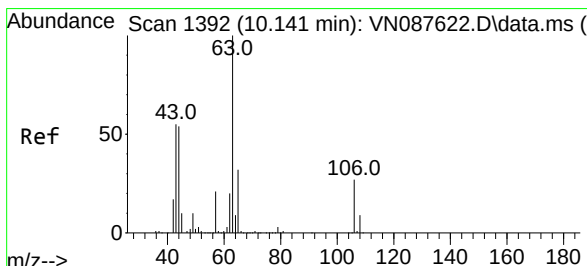
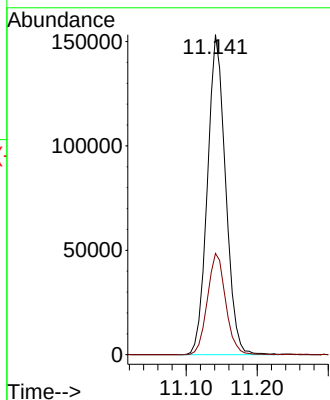
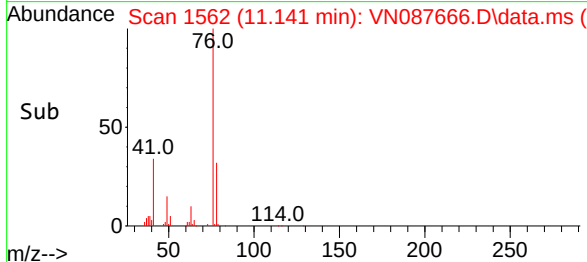
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



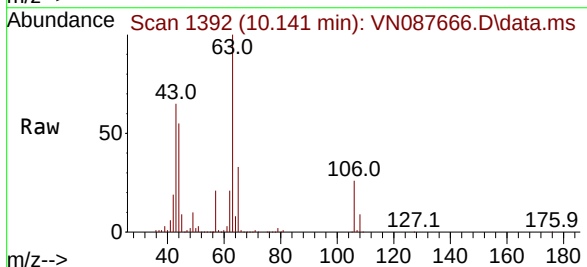
Tgt Ion: 76 Resp: 27183
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

Manual Integrations
APPROVED

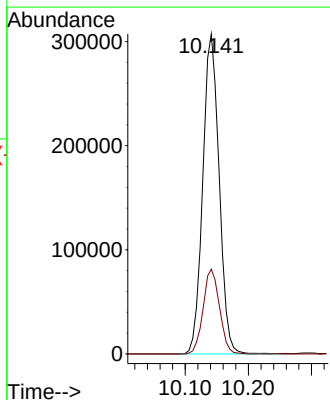
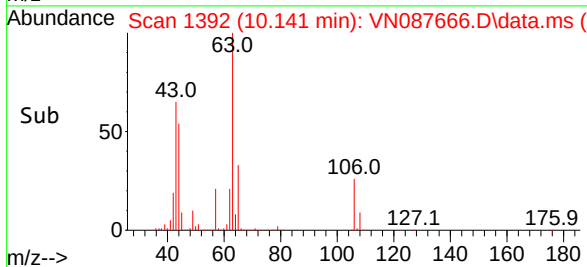
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

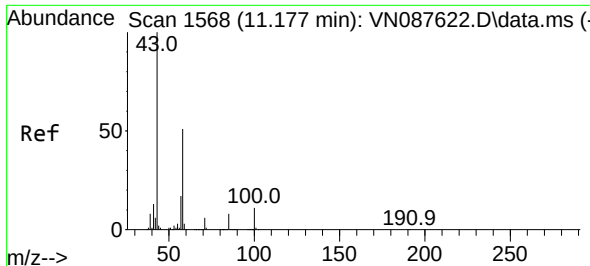


#58
2-Chloroethyl Vinyl ether
Concen: 189.171 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



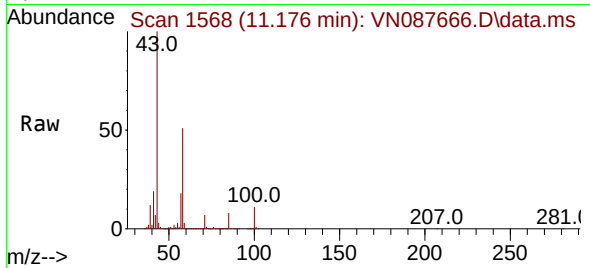
Tgt Ion: 63 Resp: 552289
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7





#59
2-Hexanone
Concen: 253.382 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

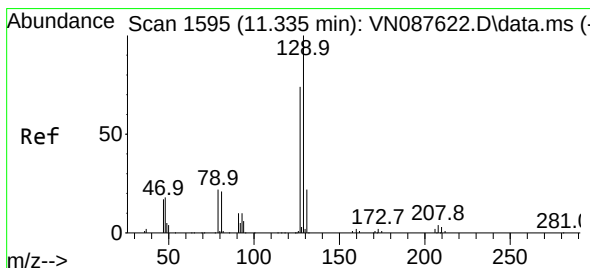
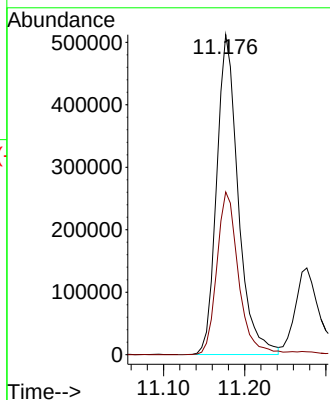
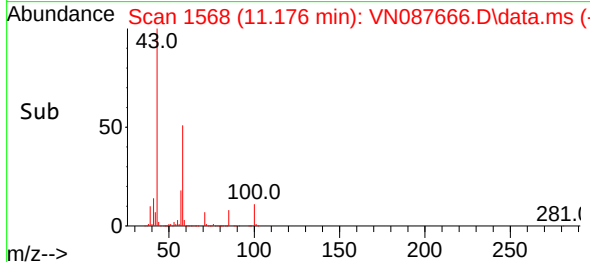
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 945820
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8

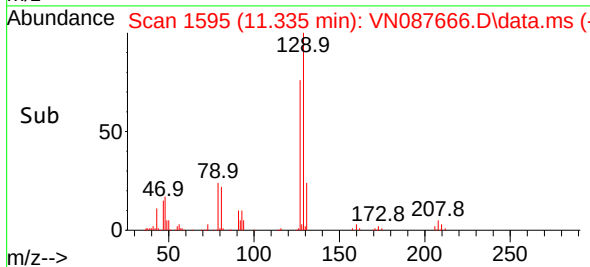
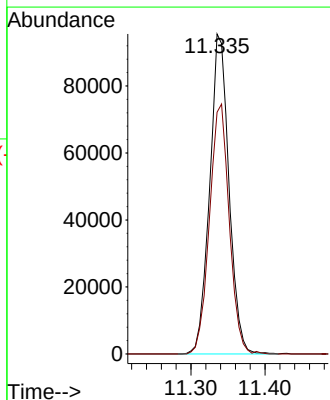
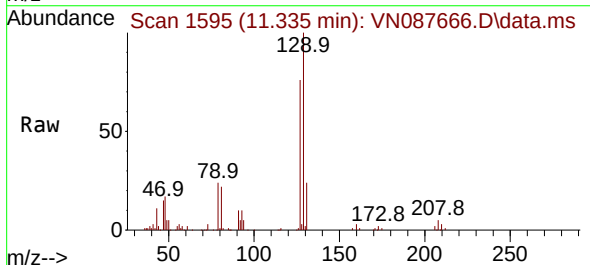
Manual Integrations
APPROVED

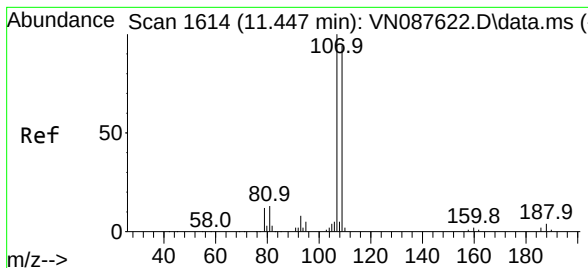
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#60
Dibromochloromethane
Concen: 44.067 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

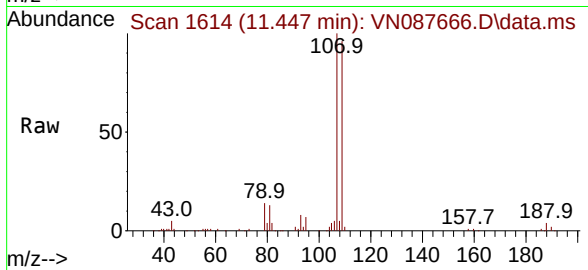
Tgt Ion:129 Resp: 172339
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 44.815 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

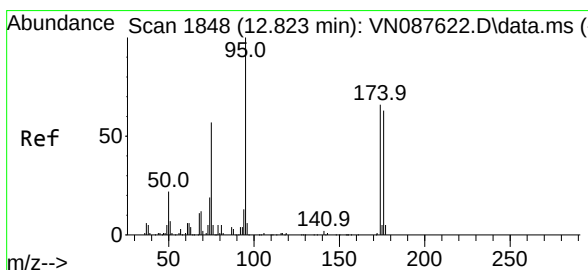
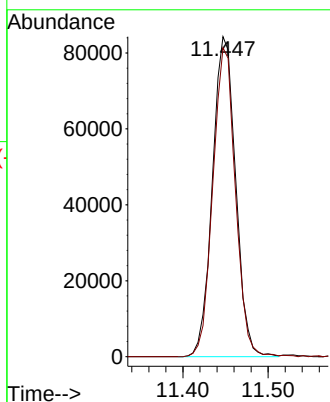
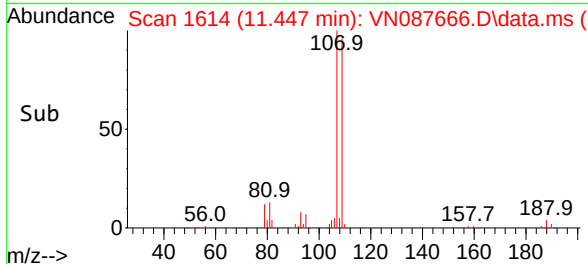
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



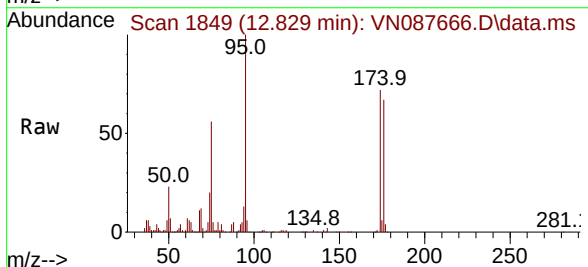
Tgt Ion:107 Resp: 159494
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1

Manual Integrations
APPROVED

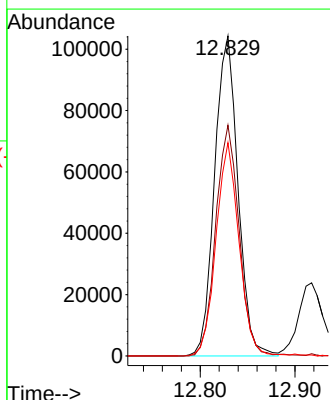
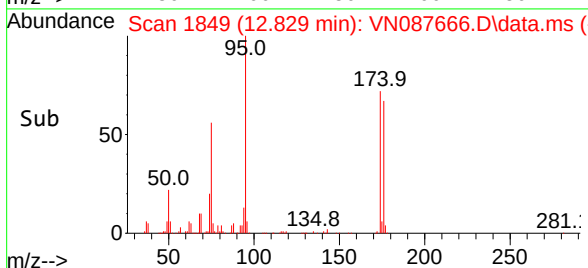
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

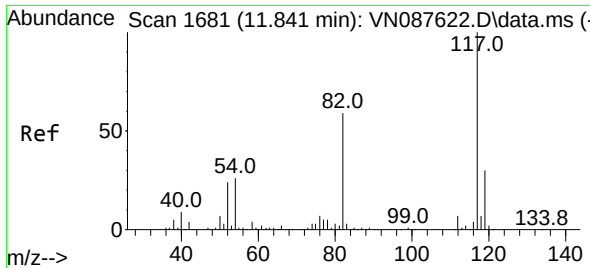


#62
4-Bromofluorobenzene
Concen: 45.011 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



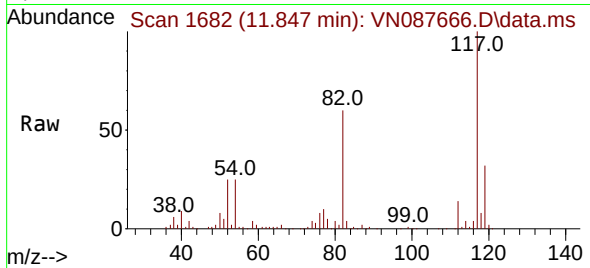
Tgt Ion: 95 Resp: 179200
Ion Ratio Lower Upper
95 100
174 72.1 0.0 138.4
176 65.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

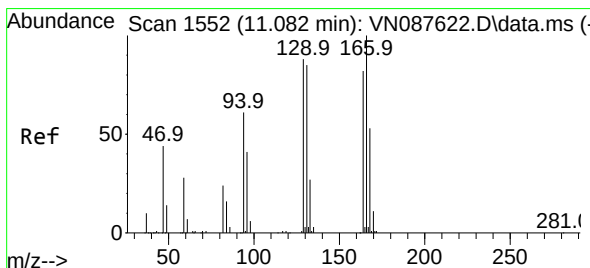
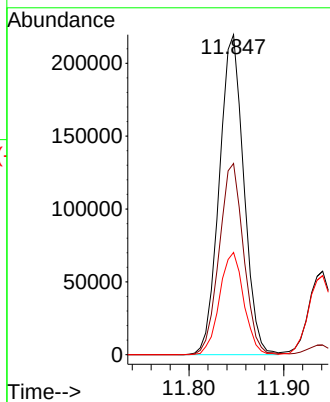
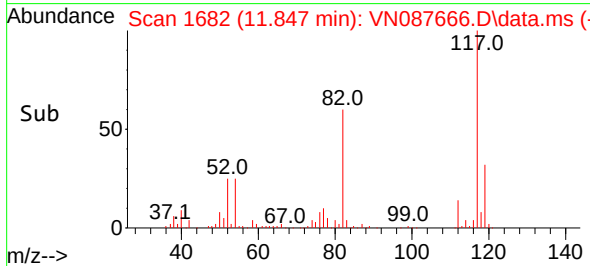
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



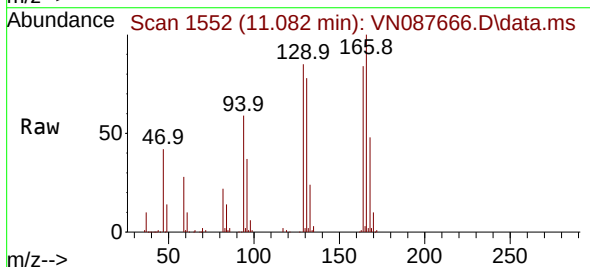
Tgt Ion:117 Resp: 39439
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.9 24.3 36.5

Manual Integrations
APPROVED

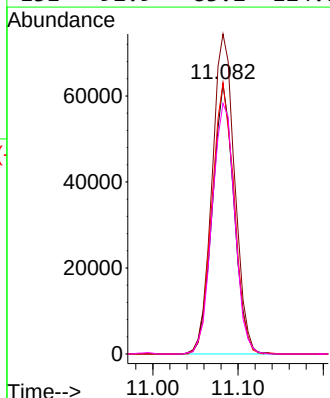
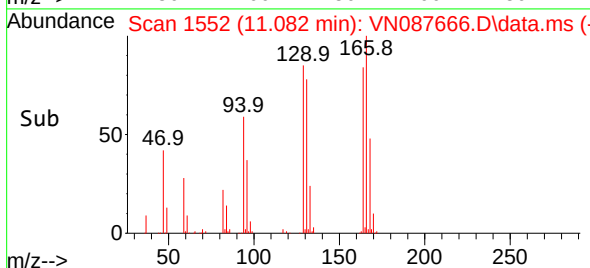
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

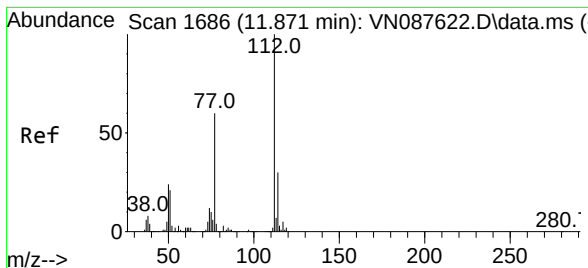


#64
Tetrachloroethene
Concen: 40.422 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



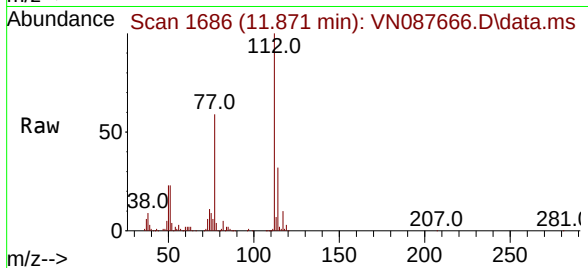
Tgt Ion:164 Resp: 110604
Ion Ratio Lower Upper
164 100
166 118.6 97.7 146.5
129 100.4 85.9 128.9
131 92.9 83.2 124.8





#65
Chlorobenzene
Concen: 42.864 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

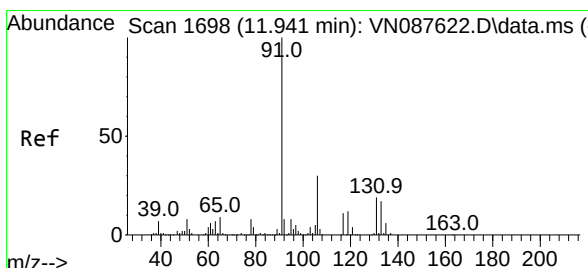
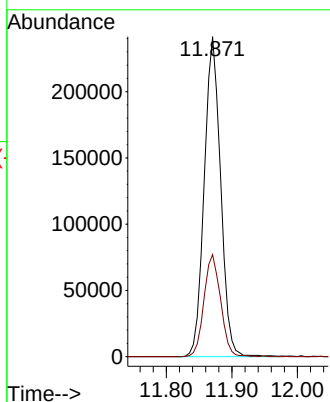
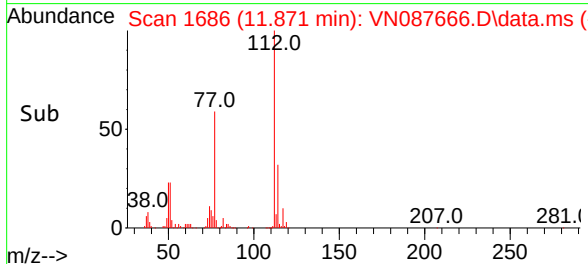
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



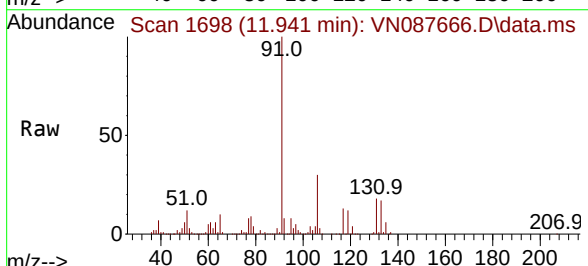
Tgt Ion:112 Resp: 420578
Ion Ratio Lower Upper
112 100
114 31.9 24.3 36.5

Manual Integrations
APPROVED

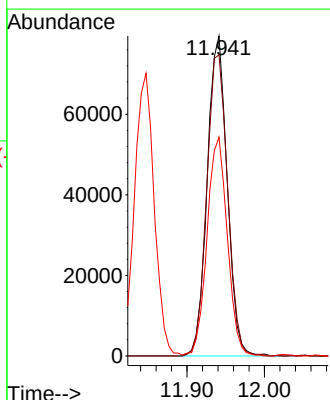
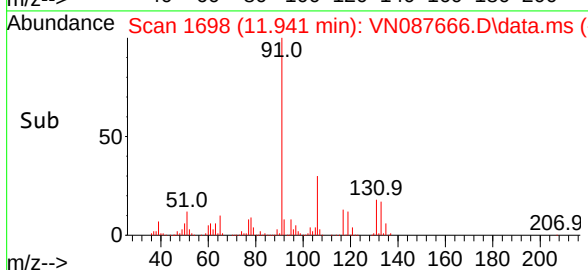
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

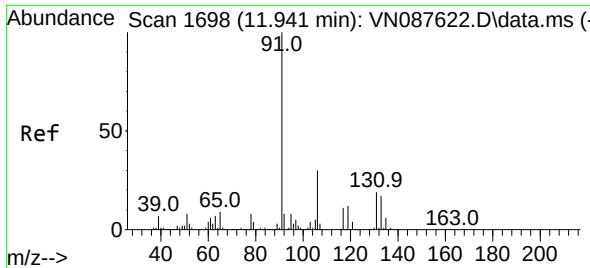


#66
1,1,1,2-Tetrachloroethane
Concen: 43.597 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



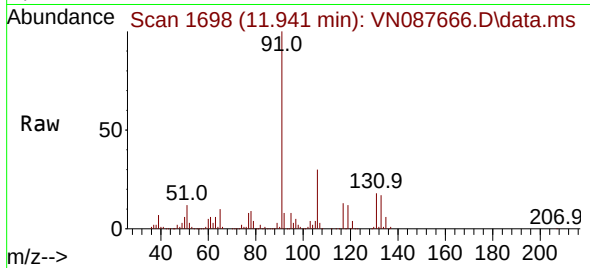
Tgt Ion:131 Resp: 142012
Ion Ratio Lower Upper
131 100
133 98.7 48.0 144.0
119 69.6 32.6 97.7





#67
Ethyl Benzene
Concen: 44.385 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

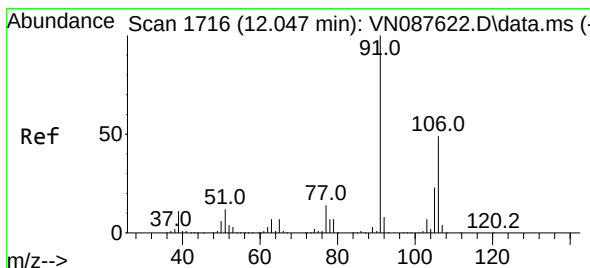
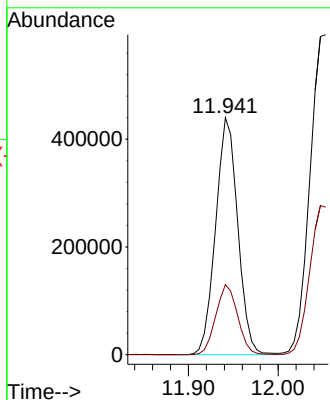
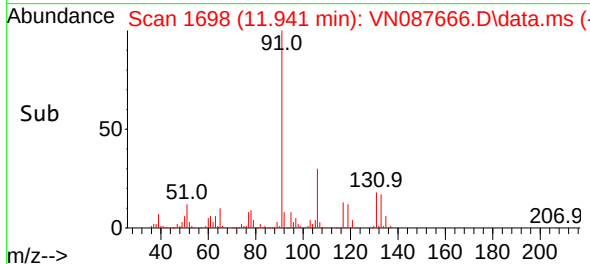
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



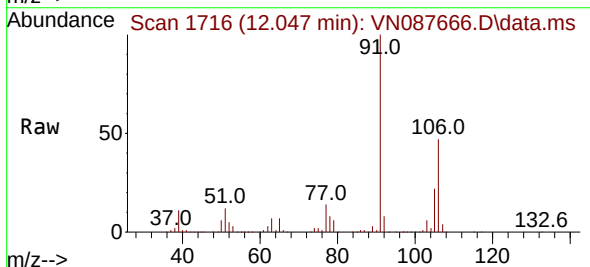
Tgt Ion: 91 Resp: 75403
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

Manual Integrations
APPROVED

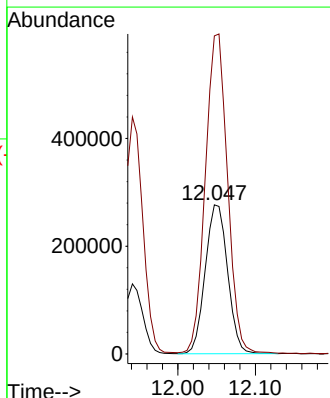
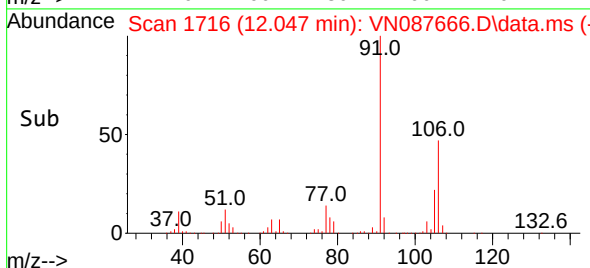
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

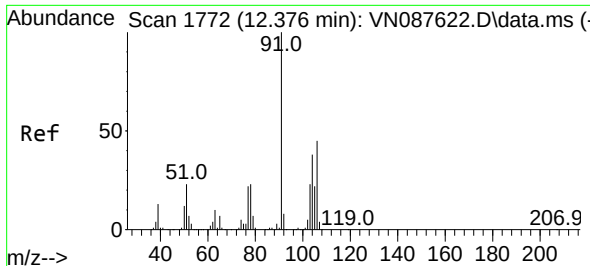


#68
m/p-Xylenes
Concen: 89.138 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



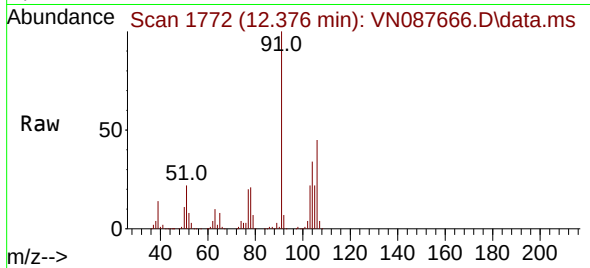
Tgt Ion:106 Resp: 555366
Ion Ratio Lower Upper
106 100
91 213.2 169.3 253.9





#69
o-Xylene
Concen: 43.841 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

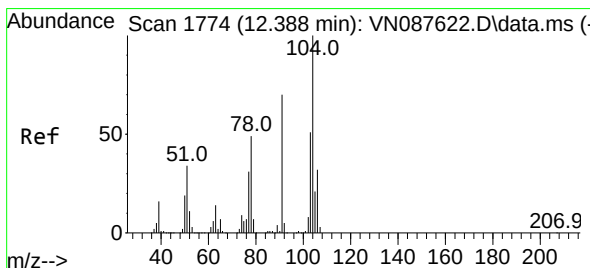
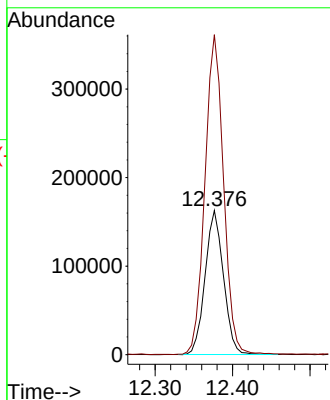
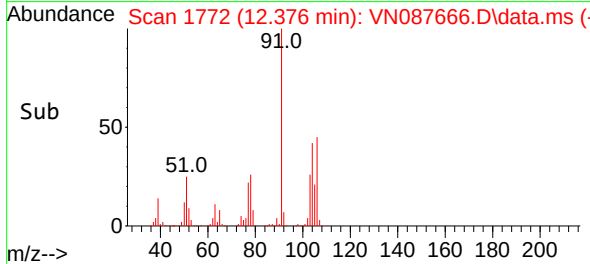
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



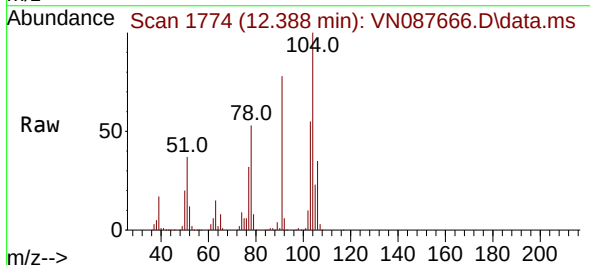
Tgt Ion:106 Resp: 267684
Ion Ratio Lower Upper
106 100
91 225.2 111.4 334.2

Manual Integrations
APPROVED

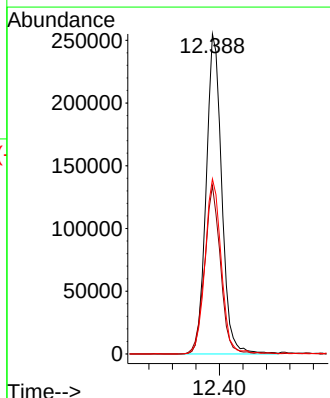
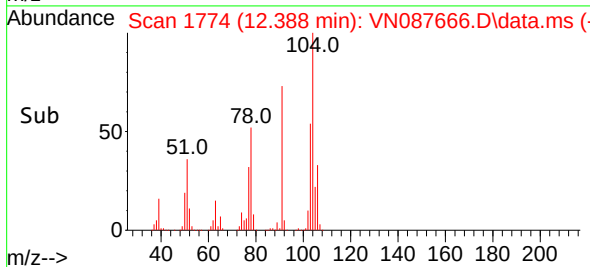
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

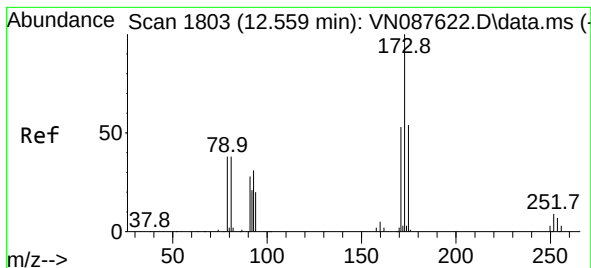


#70
Styrene
Concen: 45.737 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



Tgt Ion:104 Resp: 467858
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.2
103 57.0 43.4 65.2





#71

Bromoform

Concen: 45.057 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 11256

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

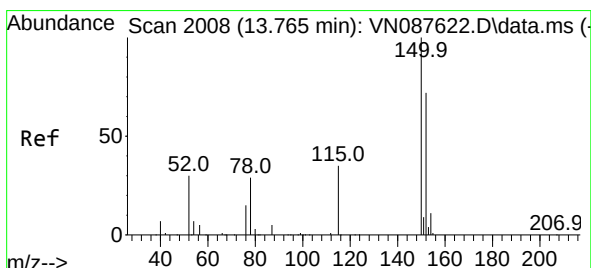
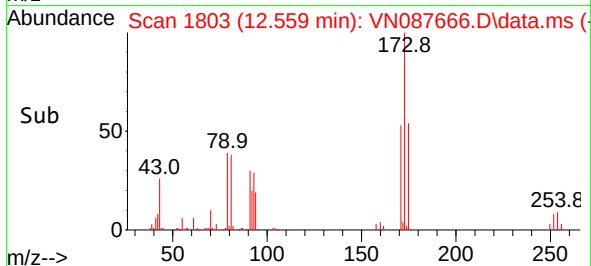
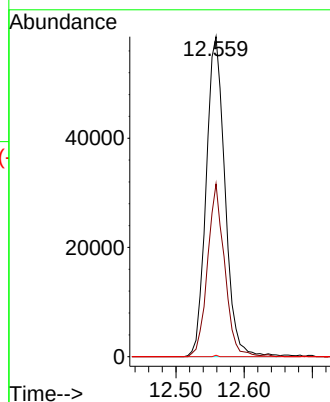
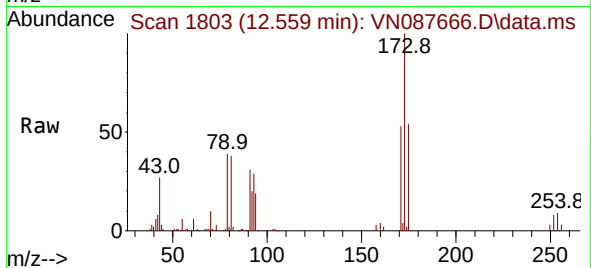
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

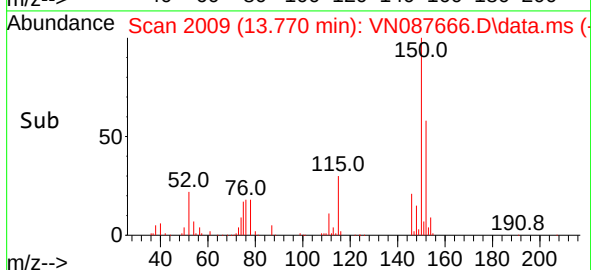
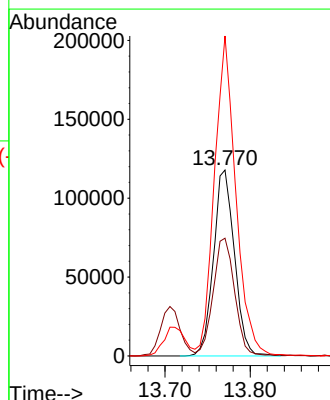
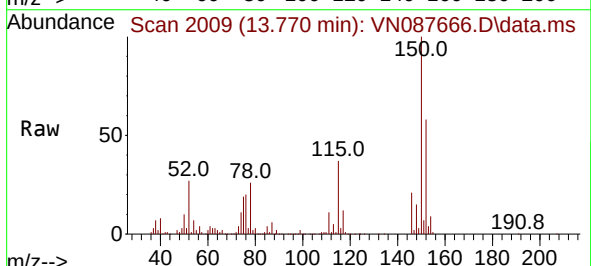
Tgt Ion:152 Resp: 201077

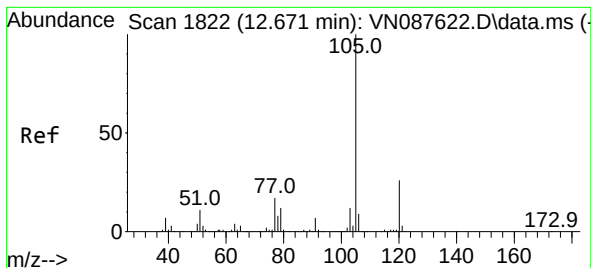
Ion Ratio Lower Upper

152 100

115 65.5 32.3 96.8

150 174.5 0.0 351.0





#73

Isopropylbenzene

Concen: 43.303 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 703609

Ion Ratio Lower Upper

105 100

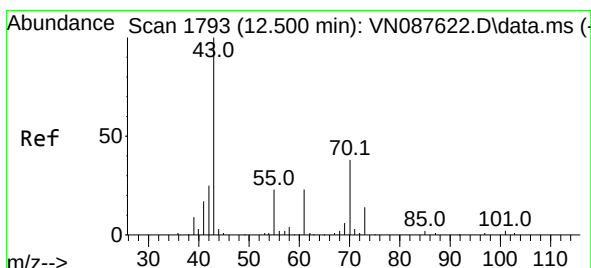
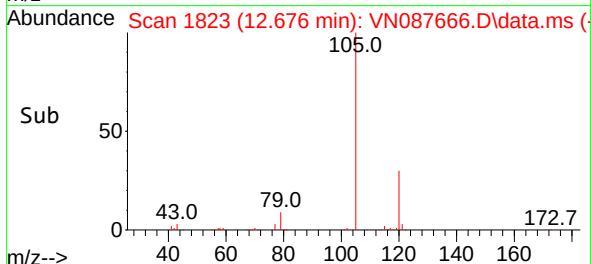
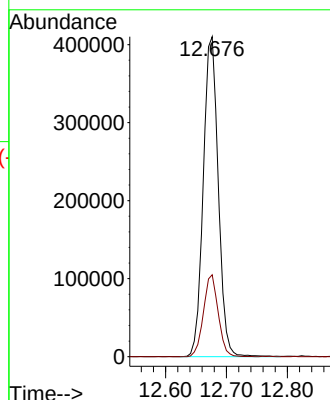
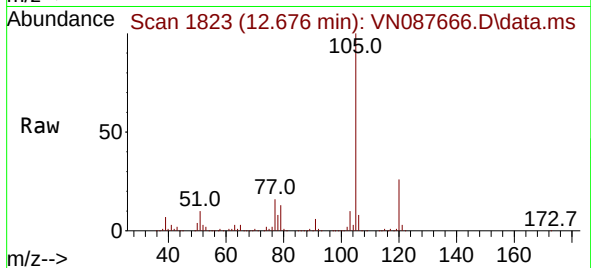
120 25.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#74

N-amy1 acetate

Concen: 43.912 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

Tgt Ion: 43 Resp: 270394

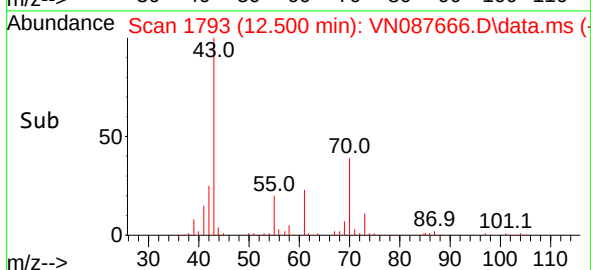
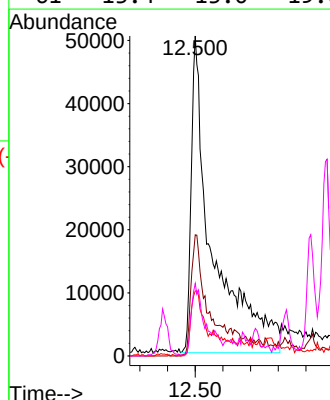
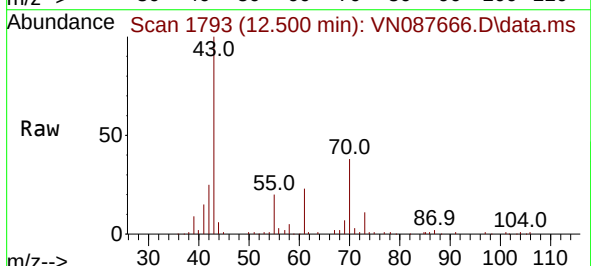
Ion Ratio Lower Upper

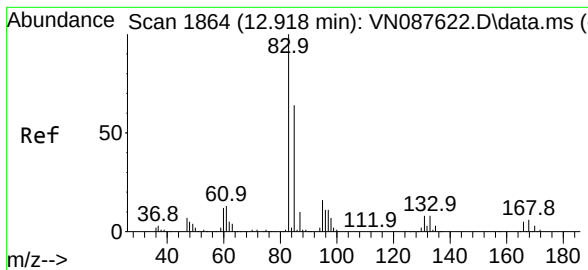
43 100

70 28.3 27.6 41.4

55 11.6 13.0 19.6#

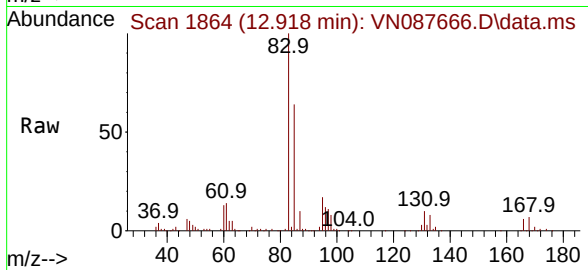
61 13.4 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 44.622 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

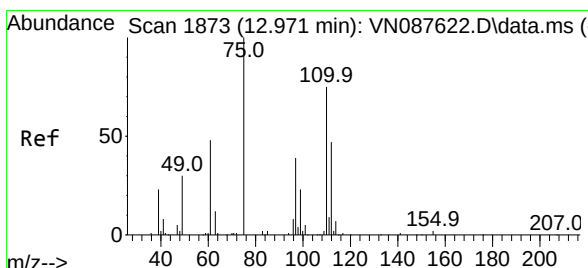
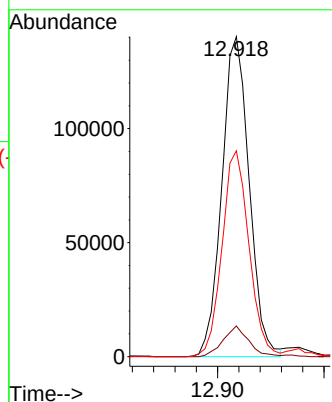
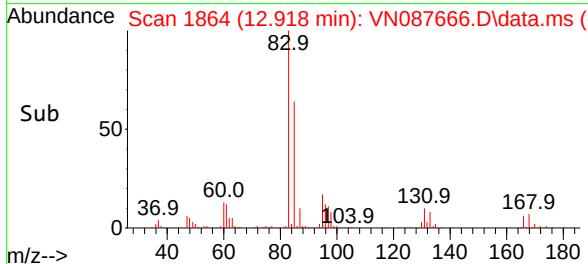
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



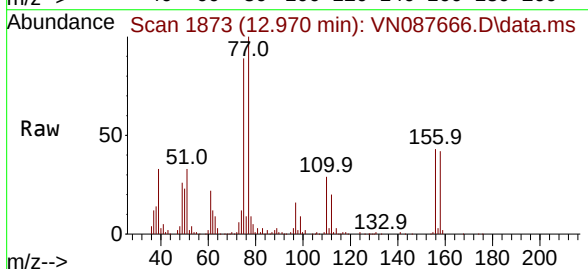
Tgt Ion: 83 Resp: 249619
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 63.4 32.1 96.3

Manual Integrations
APPROVED

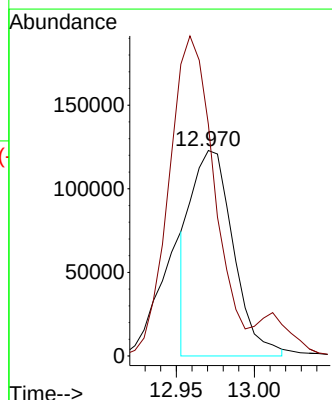
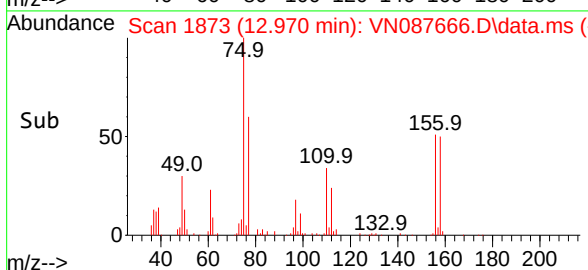
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

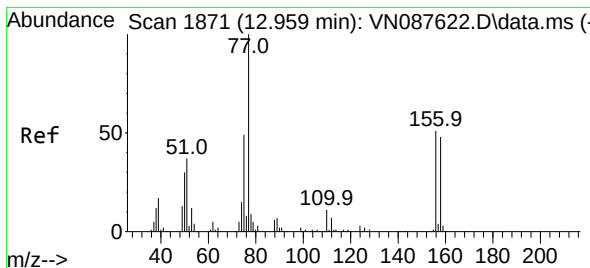


#76
1,2,3-Trichloropropane
Concen: 49.095 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



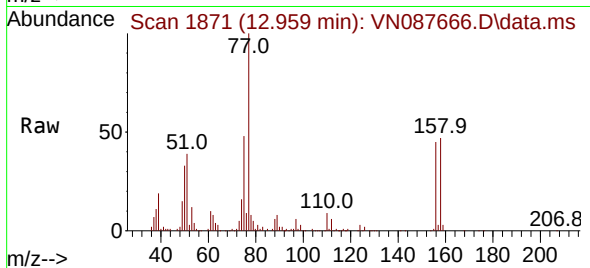
Tgt Ion: 75 Resp: 231500
Ion Ratio Lower Upper
75 100
77 167.1 89.1 267.4





#77
Bromobenzene
Concen: 42.571 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

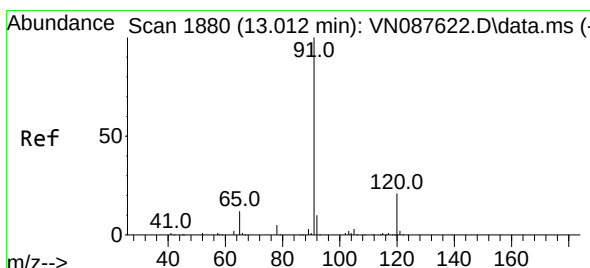
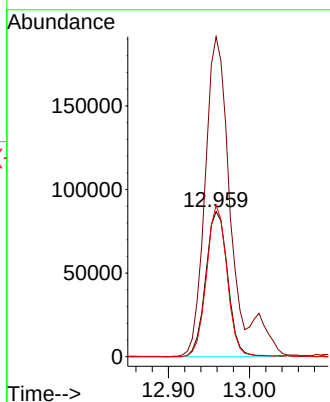
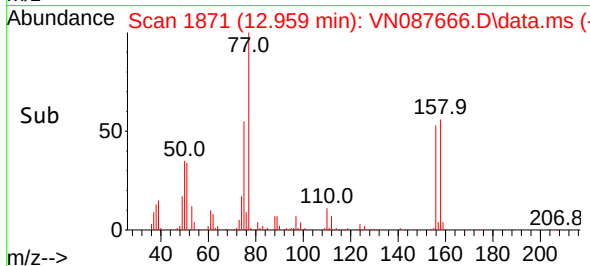
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



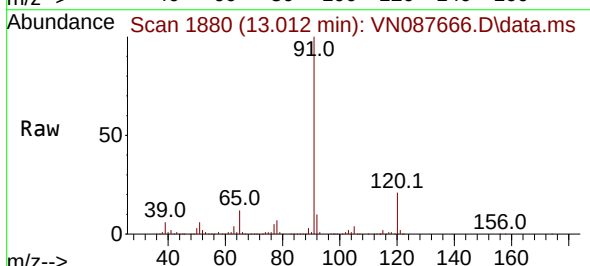
Tgt Ion:156 Resp: 163092
Ion Ratio Lower Upper
156 100
77 237.2 119.3 358.0
158 97.8 48.2 144.6

Manual Integrations
APPROVED

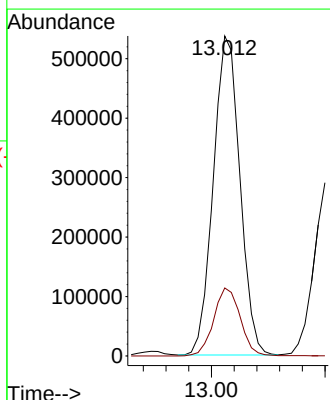
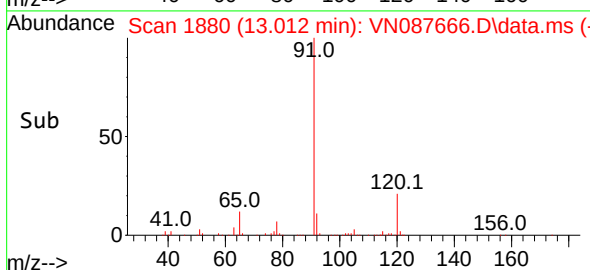
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

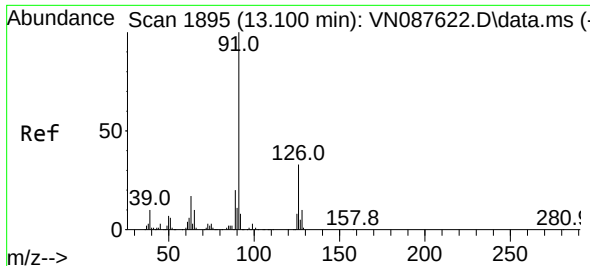


#78
n-propylbenzene
Concen: 43.620 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



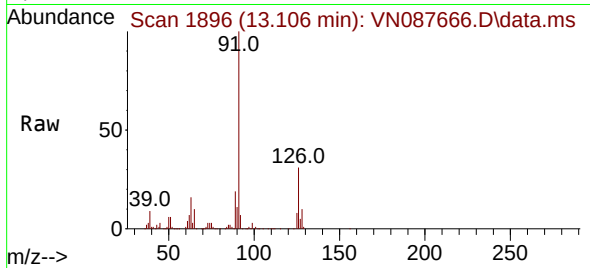
Tgt Ion: 91 Resp: 873002
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1





#79
2-Chlorotoluene
Concen: 43.720 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

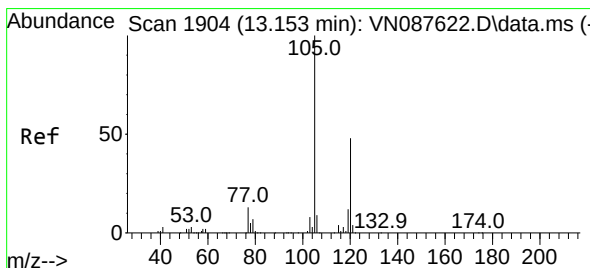
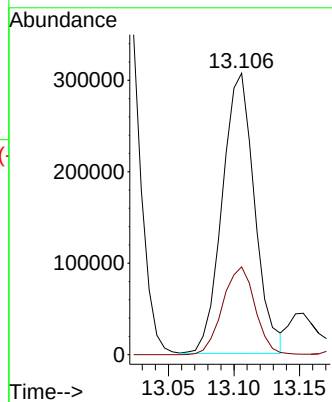
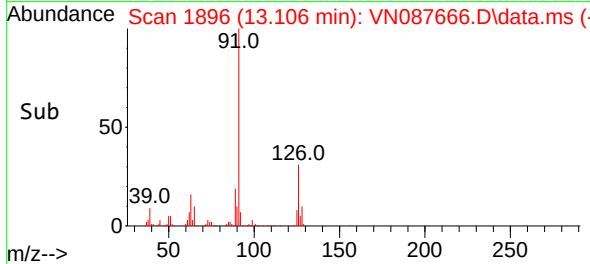
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 52657
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3

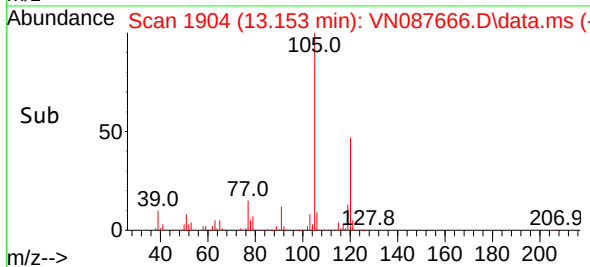
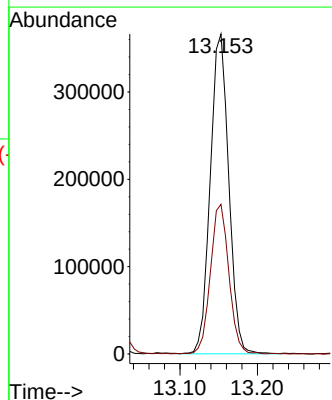
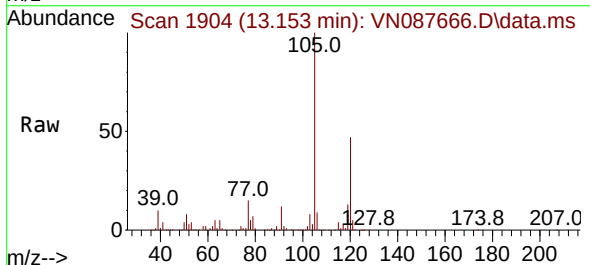
Manual Integrations
APPROVED

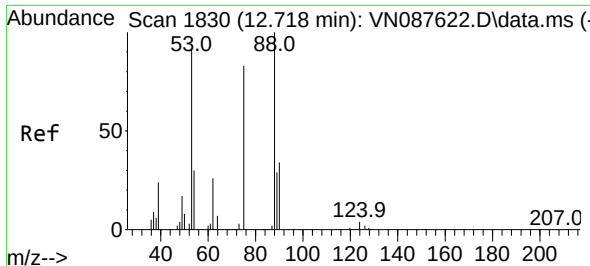
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 43.961 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

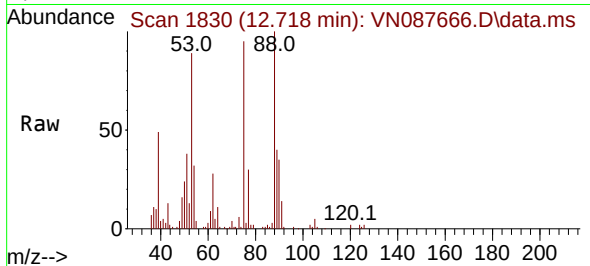
Tgt Ion:105 Resp: 605948
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.330 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

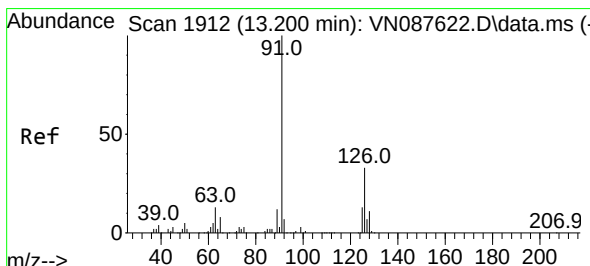
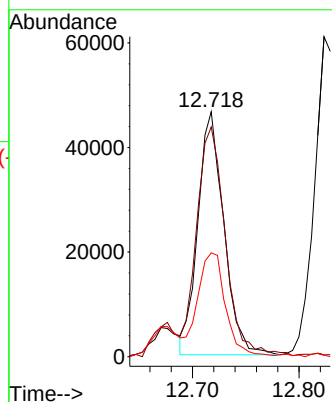
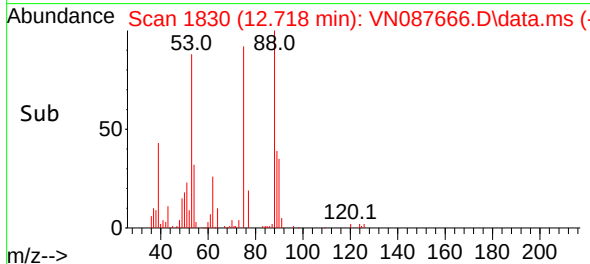
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



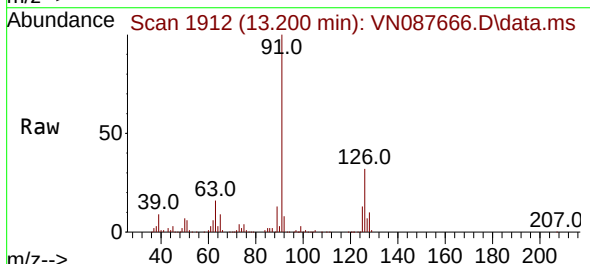
Tgt Ion: 75 Resp: 78958
Ion Ratio Lower Upper
75 100
53 103.2 101.8 152.6
89 45.5 35.6 53.4

Manual Integrations
APPROVED

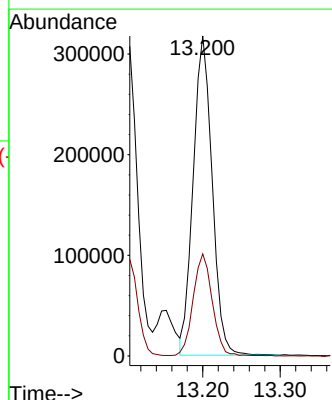
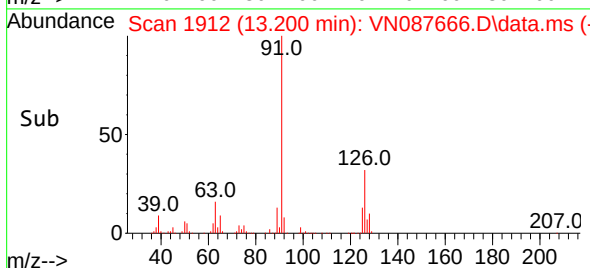
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

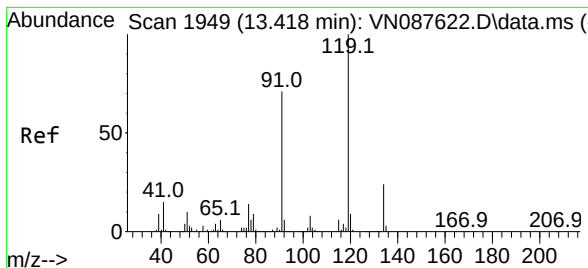


#82
4-Chlorotoluene
Concen: 42.544 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



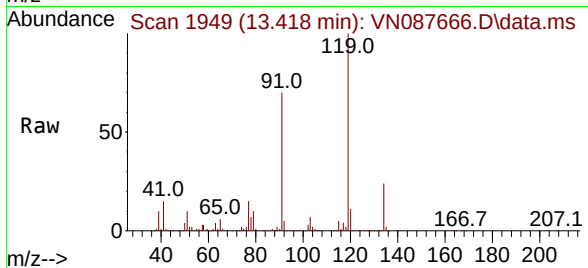
Tgt Ion: 91 Resp: 538734
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8





#83
tert-Butylbenzene
Concen: 43.902 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

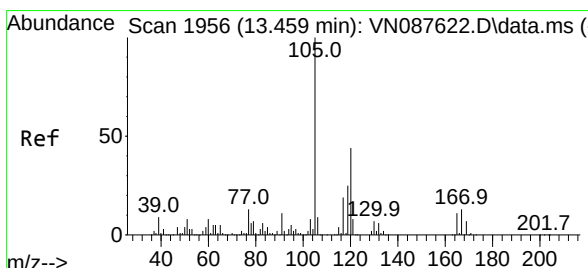
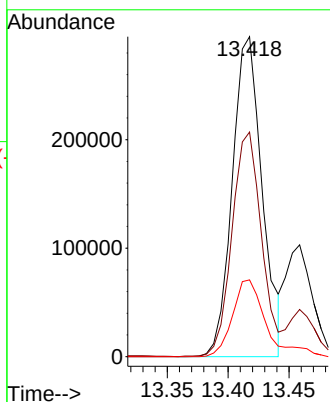
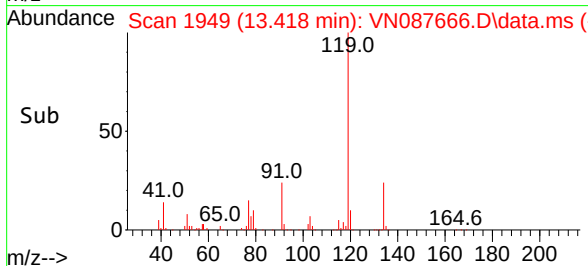
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



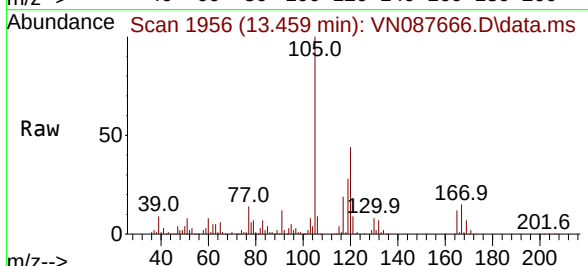
Tgt Ion:119 Resp: 504270
Ion Ratio Lower Upper
119 100
91 69.1 35.0 105.0
134 26.9 12.6 37.8

Manual Integrations
APPROVED

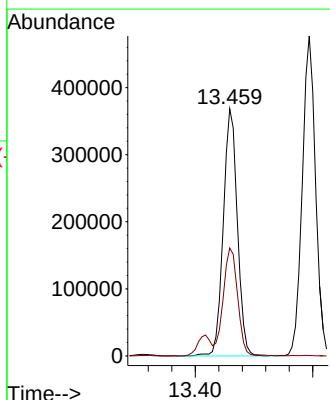
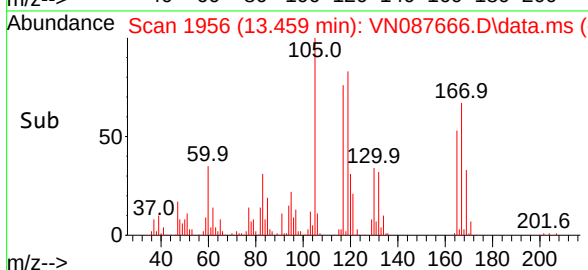
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

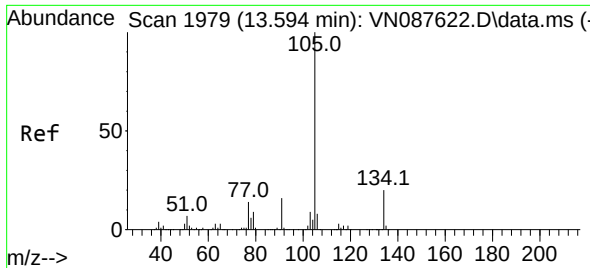


#84
1,2,4-Trimethylbenzene
Concen: 44.330 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



Tgt Ion:105 Resp: 611677
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





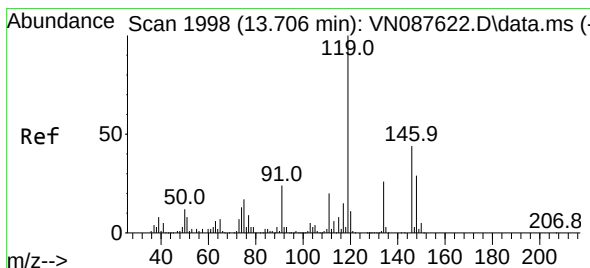
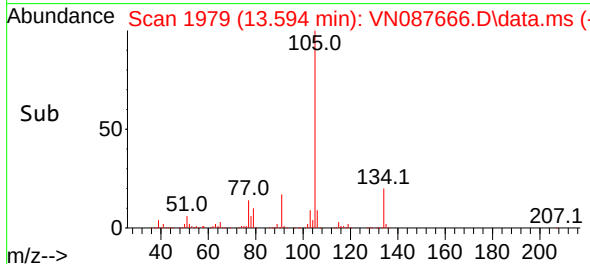
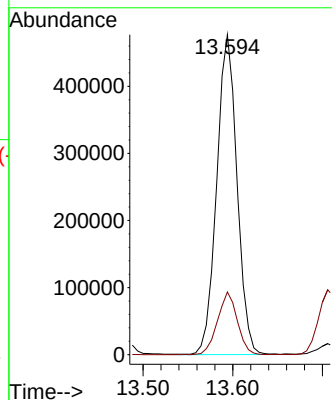
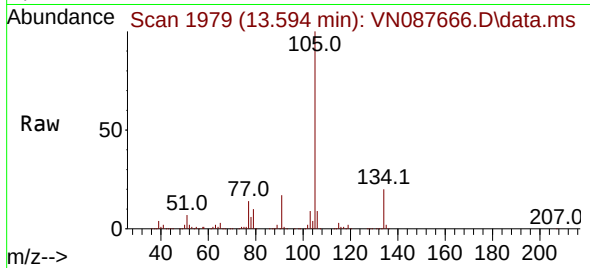
#85
 sec-Butylbenzene
 Concen: 43.921 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 748659
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

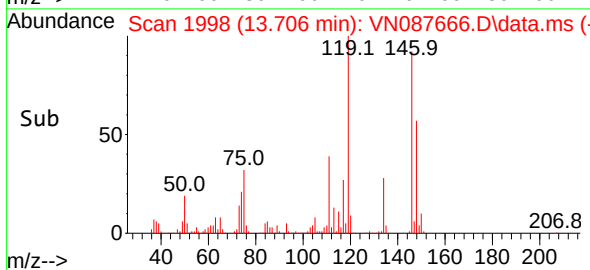
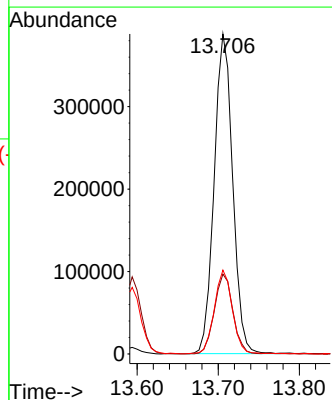
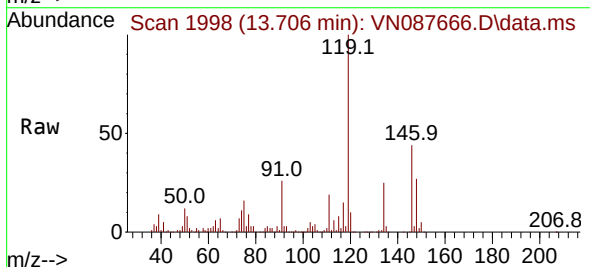
Manual Integrations
 APPROVED

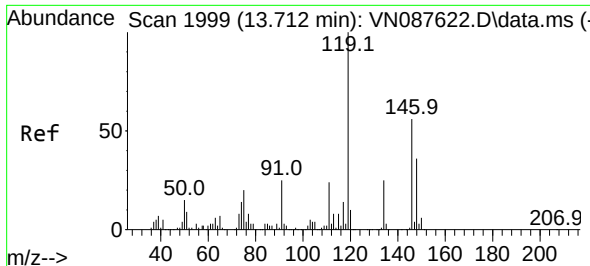
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#86
 p-Isopropyltoluene
 Concen: 43.649 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087666.D
 Acq: 25 Aug 2025 18:10

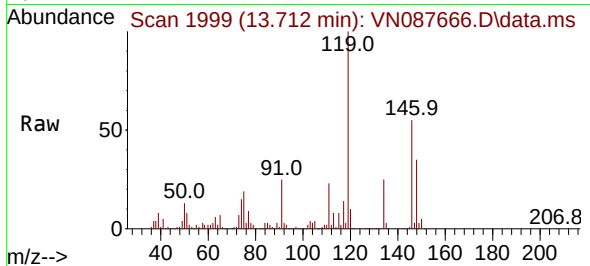
Tgt Ion:119 Resp: 614371
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.0
 91 25.5 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 43.161 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

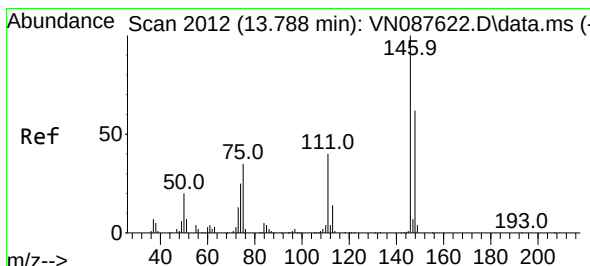
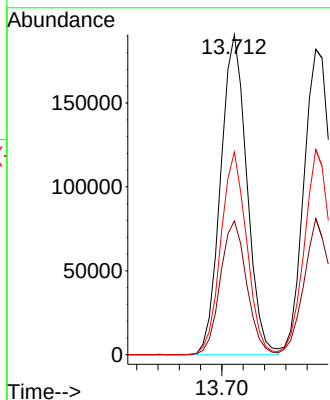
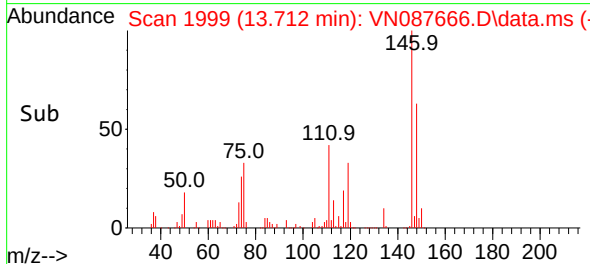
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



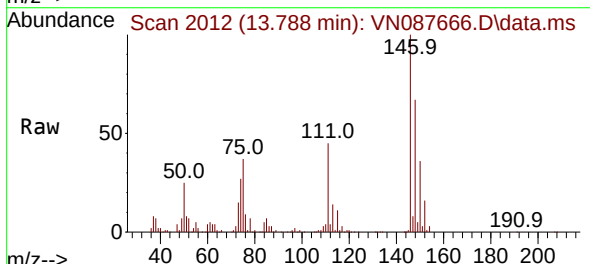
Tgt Ion:146 Resp: 325630
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.5
148 62.5 32.0 96.2

Manual Integrations
APPROVED

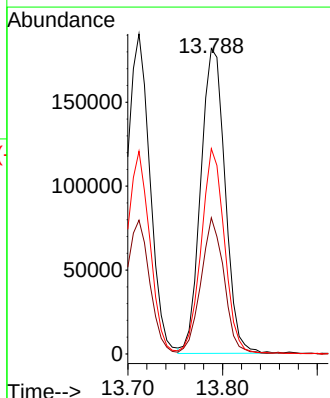
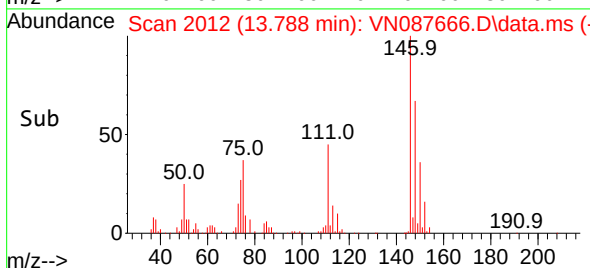
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

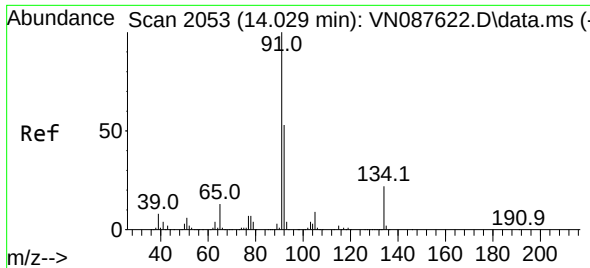


#88
1,4-Dichlorobenzene
Concen: 41.276 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



Tgt Ion:146 Resp: 324065
Ion Ratio Lower Upper
146 100
111 42.2 21.0 63.0
148 64.6 32.0 96.0





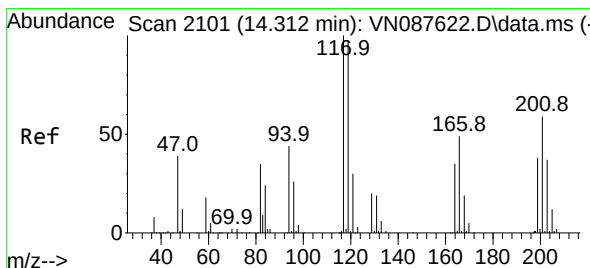
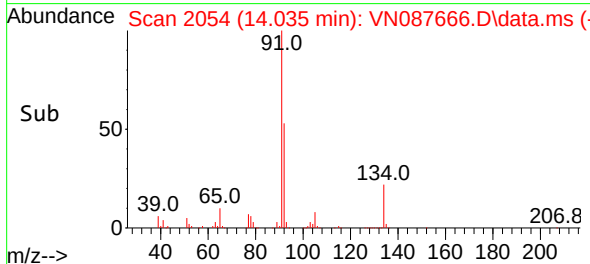
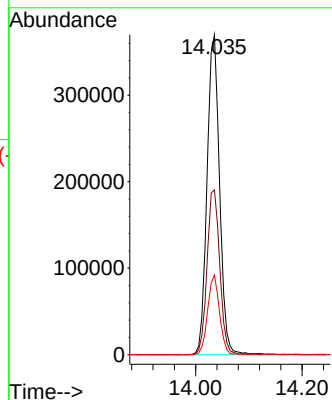
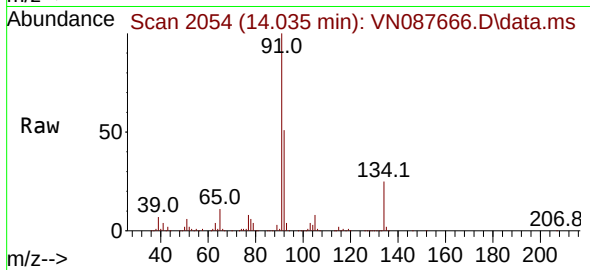
#89
n-Butylbenzene
Concen: 43.131 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 60293
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 23.6 11.7 35.0

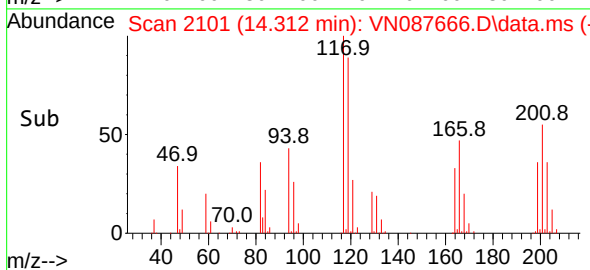
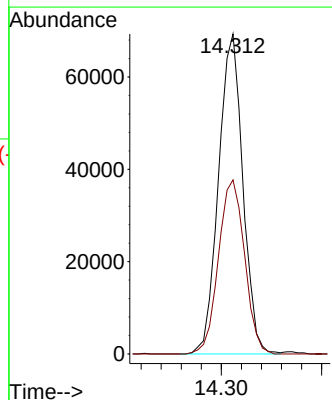
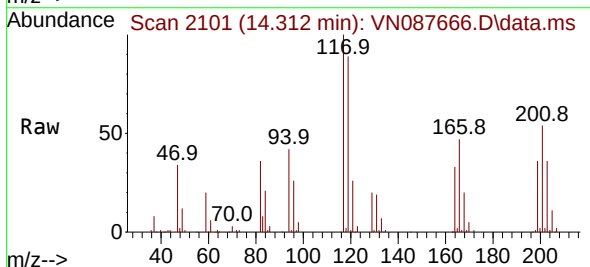
Manual Integrations
APPROVED

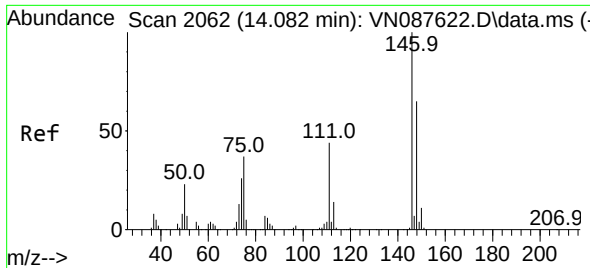
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#90
Hexachloroethane
Concen: 43.399 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion:117 Resp: 116377
Ion Ratio Lower Upper
117 100
201 58.4 29.1 87.4





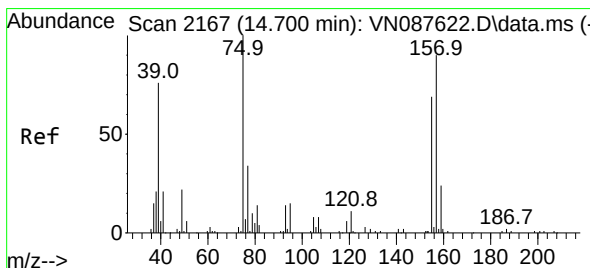
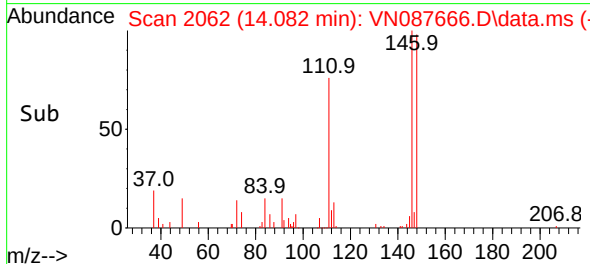
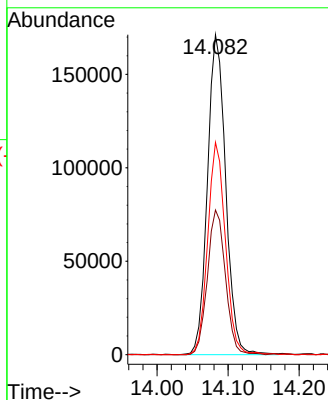
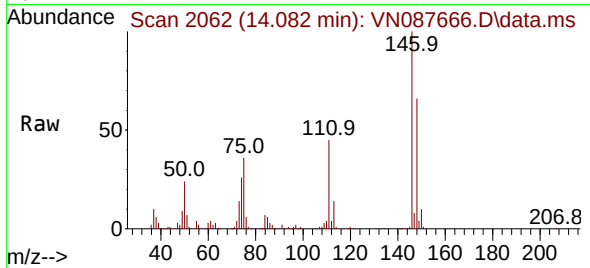
#91
1,2-Dichlorobenzene
Concen: 42.721 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 305778
Ion Ratio Lower Upper
146 100
111 44.6 22.6 67.8
148 64.4 31.9 95.9

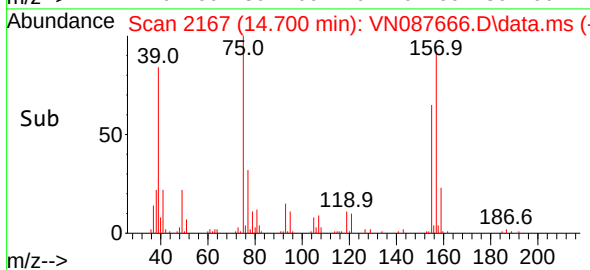
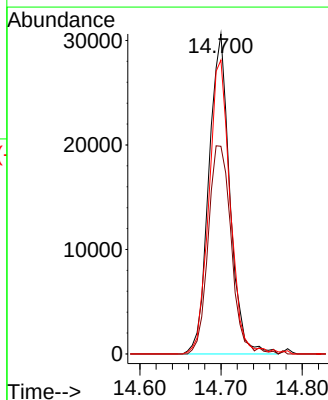
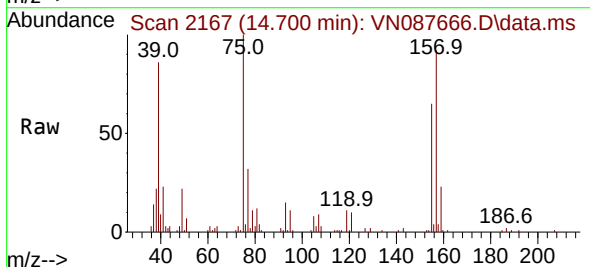
Manual Integrations
APPROVED

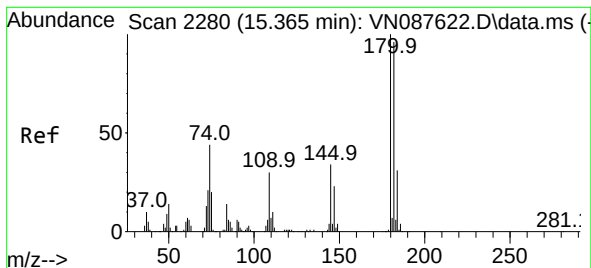
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.298 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

Tgt Ion: 75 Resp: 54880
Ion Ratio Lower Upper
75 100
155 71.5 36.6 109.9
157 93.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 42.188 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087666.D

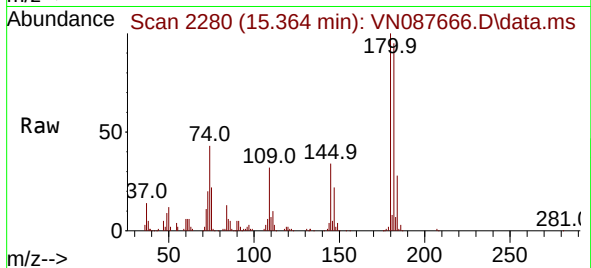
Acq: 25 Aug 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 18132

Ion Ratio Lower Upper

180 100

182 92.7 47.6 142.9

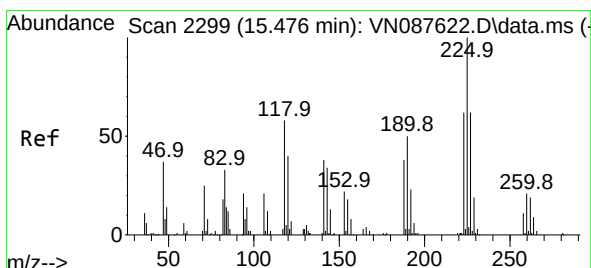
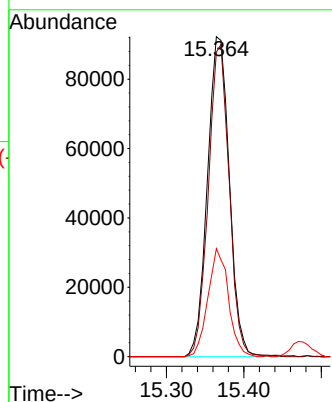
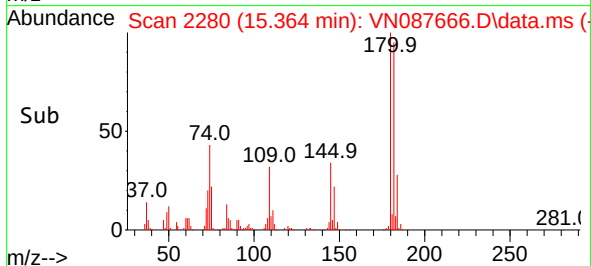
145 31.7 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#94

Hexachlorobutadiene

Concen: 41.675 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087666.D

Acq: 25 Aug 2025 18:10

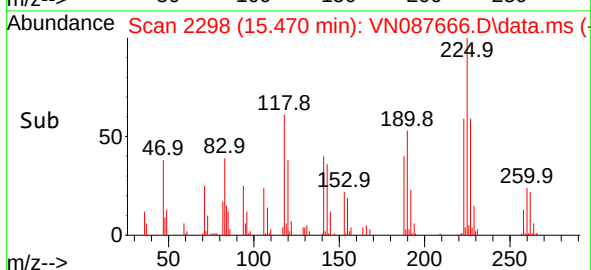
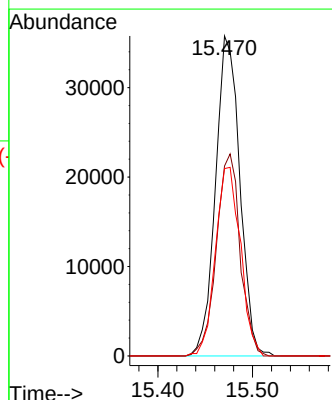
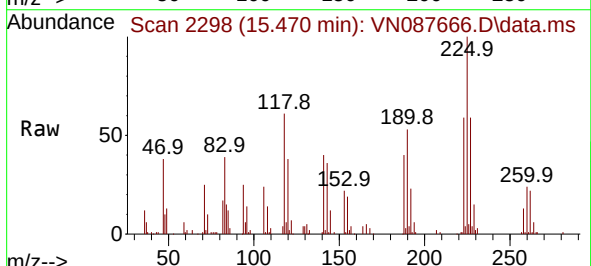
Tgt Ion:225 Resp: 63858

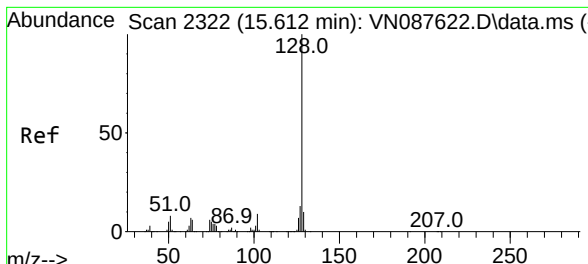
Ion Ratio Lower Upper

225 100

223 62.0 32.0 96.2

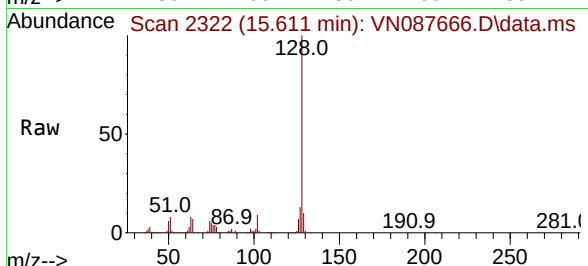
227 60.5 32.1 96.5





#95
Naphthalene
Concen: 43.571 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10

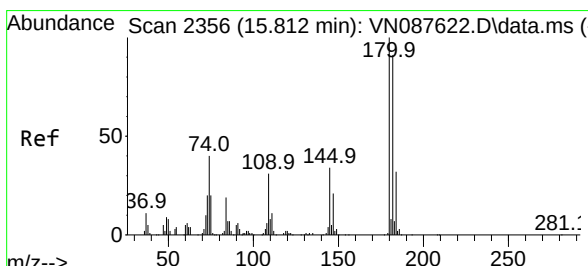
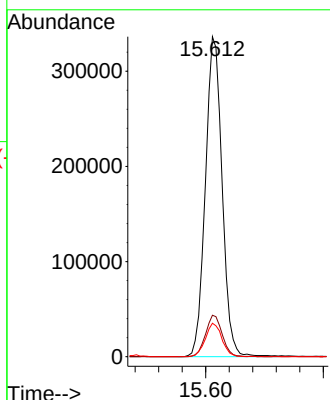
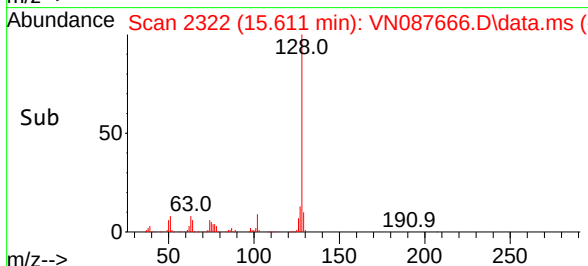
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



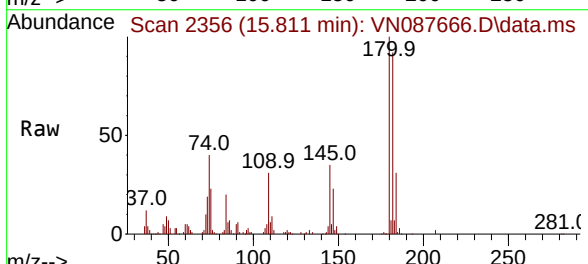
Tgt Ion:128 Resp: 663314
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 41.345 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087666.D
Acq: 25 Aug 2025 18:10



Tgt Ion:180 Resp: 173722
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.3
145 34.9 17.3 52.0

