

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087525.D
 Acq On : 13 Aug 2025 10:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	297883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	560249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	506486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	261423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	267380	52.900	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.147	113	189080	48.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.860%			
50) Toluene-d8	10.547	98	674538	48.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.829	95	263490	51.735	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	195888	61.914	ug/l	97
3) Chloromethane	2.383	50	185962	46.740	ug/l	98
4) Vinyl Chloride	2.542	62	213602	54.022	ug/l	92
5) Bromomethane	2.971	94	117088	57.184	ug/l	92
6) Chloroethane	3.136	64	139750	54.196	ug/l	98
7) Trichlorofluoromethane	3.506	101	314439	53.781	ug/l	96
8) Diethyl Ether	3.965	74	136962	60.389	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	173237	57.720	ug/l	98
10) Methyl Iodide	4.583	142	122401	40.808	ug/l	92
11) Tert butyl alcohol	5.524	59	274825	286.357	ug/l	99
12) 1,1-Dichloroethene	4.330	96	168930	49.669	ug/l	99
13) Acrolein	4.183	56	215817	280.207	ug/l	98
14) Allyl chloride	5.012	41	324998	52.801	ug/l	93
15) Acrylonitrile	5.706	53	673928	258.773	ug/l	97
16) Acetone	4.424	43	657929	277.621	ug/l	99
17) Carbon Disulfide	4.700	76	479745	47.578	ug/l	97
18) Methyl Acetate	5.018	43	349876	58.763	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	738183	58.885	ug/l	97
20) Methylene Chloride	5.265	84	207585	51.839	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	190605	49.703	ug/l	92
22) Diisopropyl ether	6.659	45	754528	58.441	ug/l	96
23) Vinyl Acetate	6.588	43	3464754	306.836	ug/l	100
24) 1,1-Dichloroethane	6.553	63	384250	51.586	ug/l	99
25) 2-Butanone	7.471	43	990545	270.516	ug/l	99
26) 2,2-Dichloropropane	7.477	77	347122	59.940	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	237567	53.808	ug/l	94
28) Bromochloromethane	7.800	49	188052	52.751	ug/l	94
29) Tetrahydrofuran	7.830	42	650285	273.374	ug/l	99
30) Chloroform	7.953	83	407119	54.606	ug/l	99
31) Cyclohexane	8.241	56	338060	54.405	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	350752	54.317	ug/l	98
36) 1,1-Dichloropropene	8.353	75	269096	52.704	ug/l	98
37) Ethyl Acetate	7.553	43	382507	51.872	ug/l	97
38) Carbon Tetrachloride	8.347	117	290669	51.679	ug/l	93
39) Methylcyclohexane	9.582	83	330567	59.801	ug/l	97
40) Benzene	8.588	78	839732	50.887	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	217375	56.377	ug/l	98
42) 1,2-Dichloroethane	8.653	62	334446	53.444	ug/l	97
43) Isopropyl Acetate	8.677	43	642790	56.154	ug/l	98
44) Trichloroethene	9.335	130	191822	49.195	ug/l	88
45) 1,2-Dichloropropane	9.606	63	215179	51.319	ug/l	95
46) Dibromomethane	9.694	93	163459	52.067	ug/l	96
47) Bromodichloromethane	9.871	83	337184	53.322	ug/l	100
48) Methyl methacrylate	9.665	41	313471	60.829	ug/l	92
49) 1,4-Dioxane	9.682	88	86769	1099.339	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	1970484	272.168	ug/l	98
52) Toluene	10.612	92	523201	52.162	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	363863	56.856	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	368848	55.797	ug/l #	89
55) 1,1,2-Trichloroethane	11.000	97	212009	52.209	ug/l	95
56) Ethyl methacrylate	10.859	69	371269	54.181	ug/l #	93
57) 1,3-Dichloropropane	11.147	76	369791	52.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1026550	308.170	ug/l	99
59) 2-Hexanone	11.176	43	1351630	281.390	ug/l	98
60) Dibromochloromethane	11.341	129	246950	53.325	ug/l	97
61) 1,2-Dibromoethane	11.453	107	225893	52.906	ug/l	97
64) Tetrachloroethene	11.082	164	155159	47.598	ug/l	95
65) Chlorobenzene	11.870	112	578310	50.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	201612	52.143	ug/l	98
67) Ethyl Benzene	11.947	91	1026282	54.824	ug/l	99
68) m/p-Xylenes	12.053	106	764924	109.123	ug/l	93
69) o-Xylene	12.376	106	372969	55.701	ug/l	93
70) Styrene	12.394	104	647435	57.479	ug/l	98
71) Bromoform	12.559	173	161255	51.623	ug/l #	100
73) Isopropylbenzene	12.676	105	976275	59.336	ug/l	98
74) N-amyl acetate	12.506	43	317125	46.390	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.917	83	337465	54.508	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	286863m	48.934	ug/l	
77) Bromobenzene	12.959	156	227618	53.342	ug/l	94
78) n-propylbenzene	13.017	91	1231036	59.467	ug/l	97
79) 2-Chlorotoluene	13.106	91	725577	57.031	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	838061	59.782	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	110240	51.454	ug/l	91
82) 4-Chlorotoluene	13.200	91	748122	56.480	ug/l	97
83) tert-Butylbenzene	13.417	119	715212	61.085	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	860772	60.126	ug/l	94
85) sec-Butylbenzene	13.594	105	1066866	60.493	ug/l	99
86) p-Isopropyltoluene	13.706	119	877004	62.051	ug/l	97
87) 1,3-Dichlorobenzene	13.711	146	440423	52.590	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	445992	49.863	ug/l	96
89) n-Butylbenzene	14.035	91	885464	65.611	ug/l	99
90) Hexachloroethane	14.311	117	167399	55.901	ug/l	94
91) 1,2-Dichlorobenzene	14.088	146	429970	54.195	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	81622	50.215	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	261731	56.161	ug/l	98
94) Hexachlorobutadiene	15.476	225	99026	57.185	ug/l	99
95) Naphthalene	15.617	128	964411	58.414	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	245014	52.411	ug/l	96

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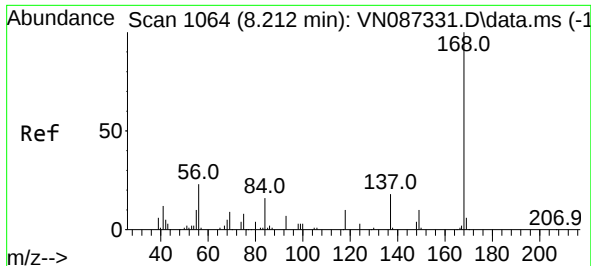
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/18/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

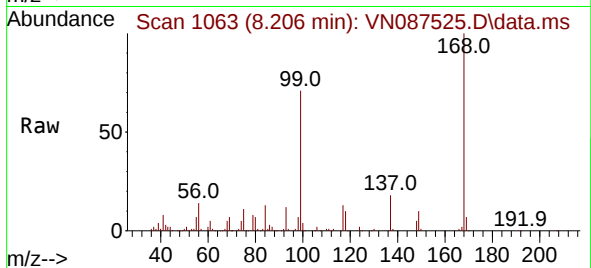
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
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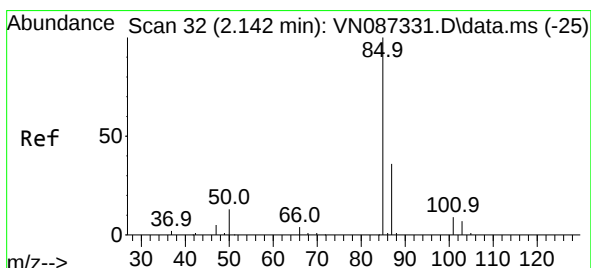
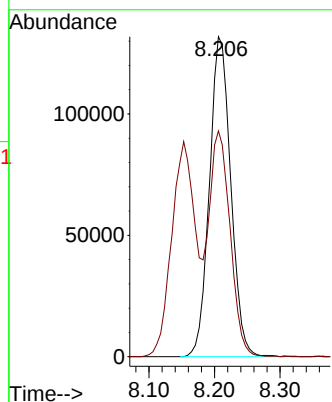
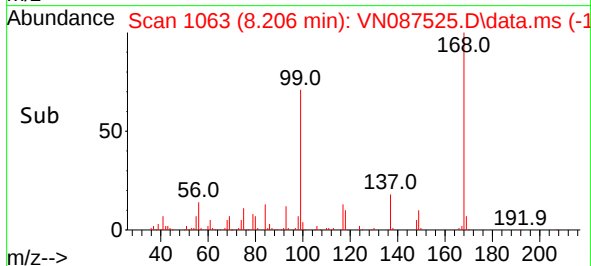
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 29788
Ion Ratio Lower Upper
168 100
99 70.6 47.9 71.9

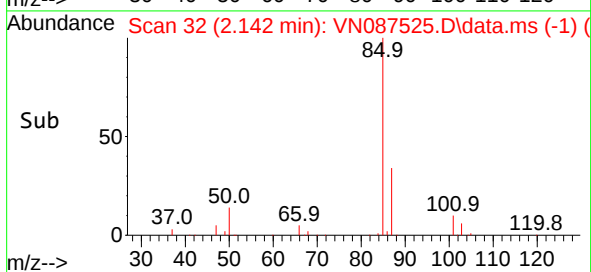
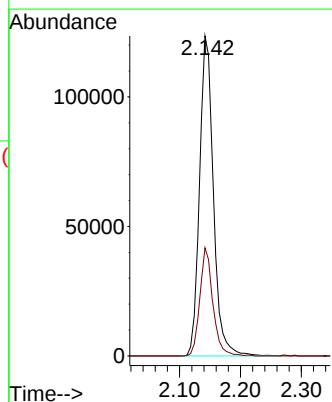
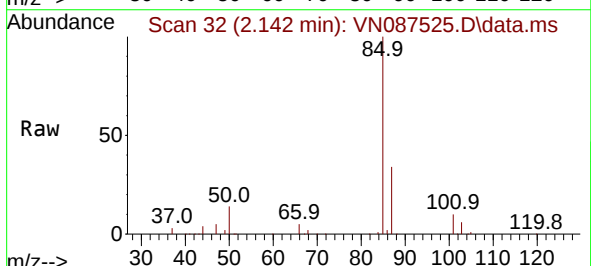
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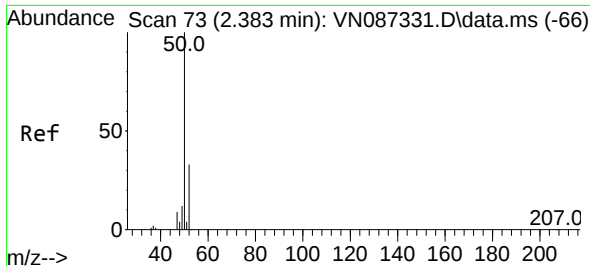
Reviewed By :John Carlone 08/14/2025
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#2
Dichlorodifluoromethane
Concen: 61.914 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

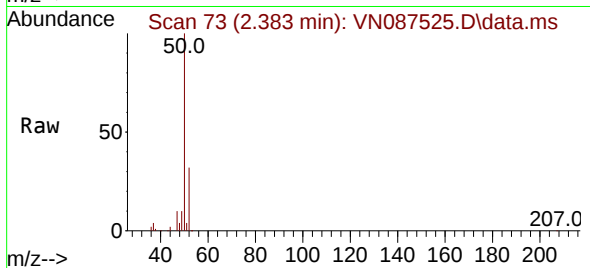
Tgt Ion: 85 Resp: 195888
Ion Ratio Lower Upper
85 100
87 33.8 17.8 53.3





#3
Chloromethane
Concen: 46.740 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

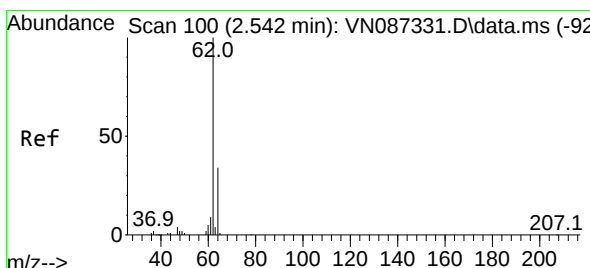
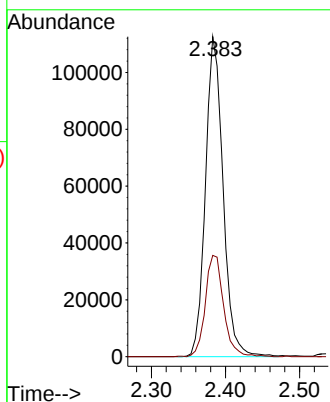
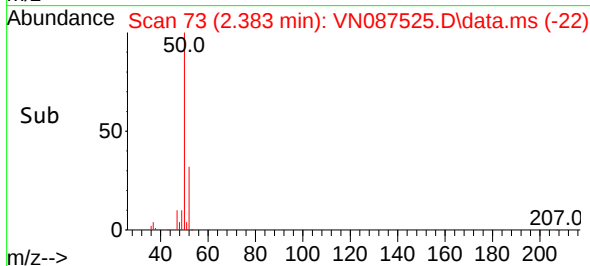
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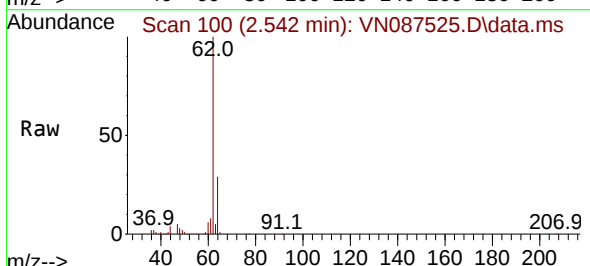
Tgt Ion: 50 Resp: 185962
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

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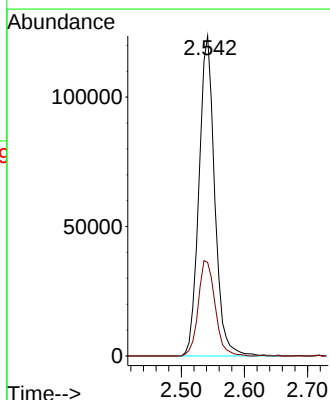
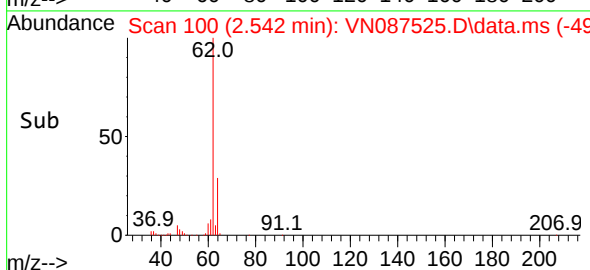
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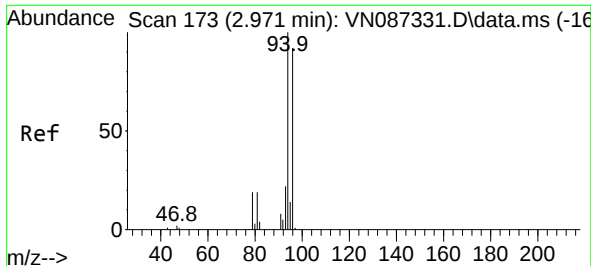


#4
Vinyl Chloride
Concen: 54.022 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



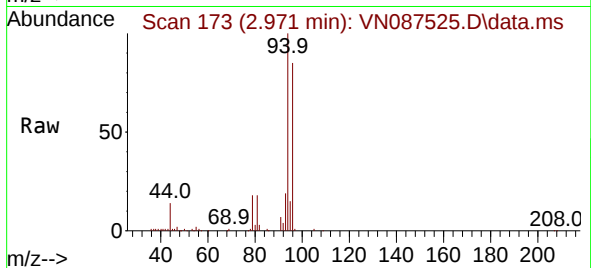
Tgt Ion: 62 Resp: 213602
Ion Ratio Lower Upper
62 100
64 29.2 27.0 40.6





#5
Bromomethane
Concen: 57.184 ug/l
RT: 2.971 min Scan# 117088
Delta R.T. 0.000 min
Lab File: VN087525.D
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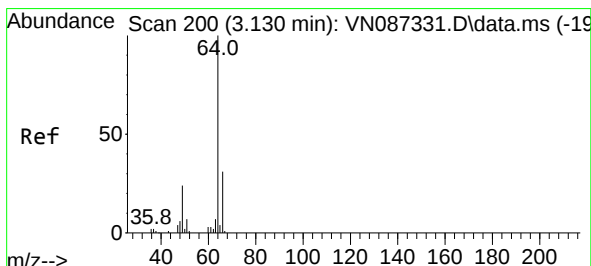
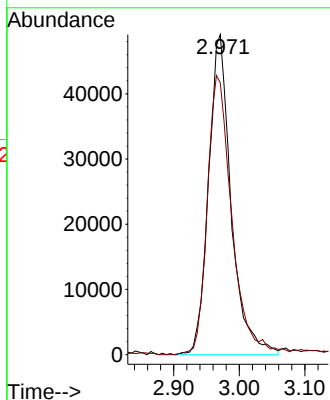
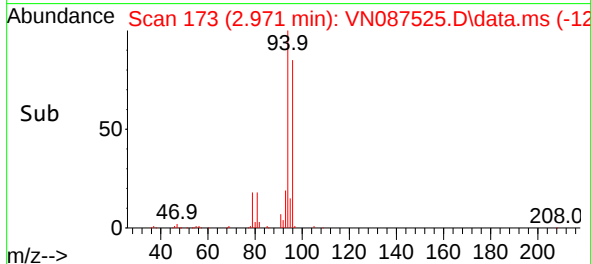
Instrument :
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Tgt Ion: 94 Resp: 117088
Ion Ratio Lower Upper
94 100
96 84.6 73.4 110.2

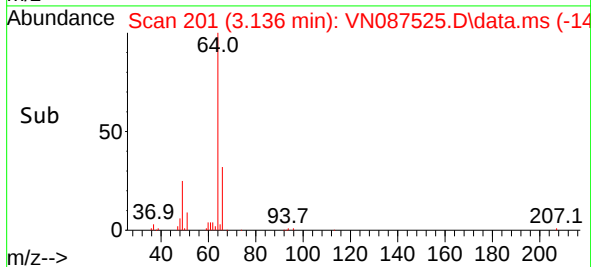
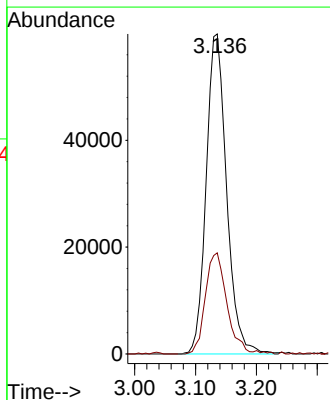
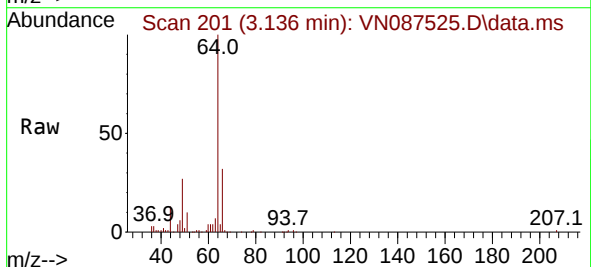
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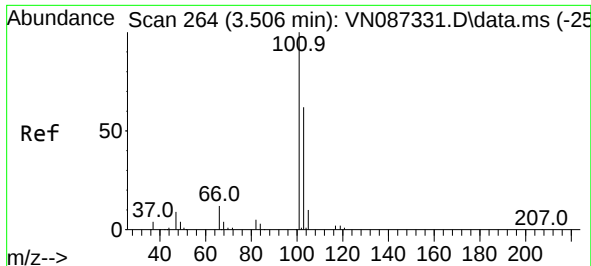
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 54.196 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 64 Resp: 139750
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





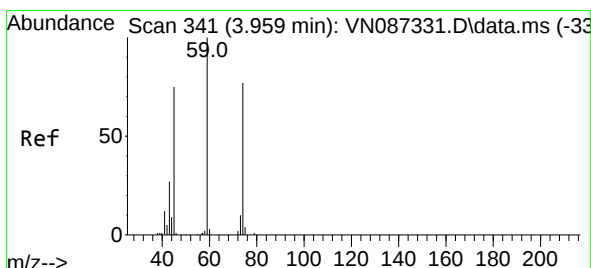
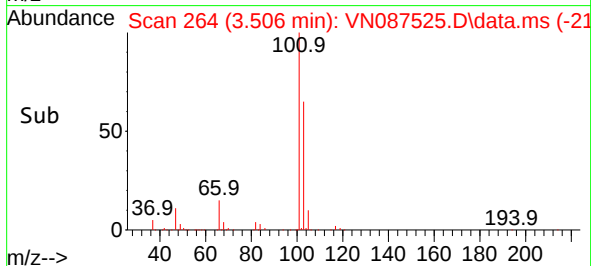
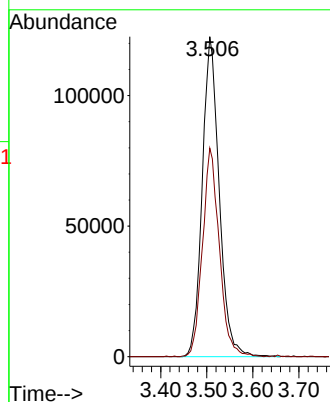
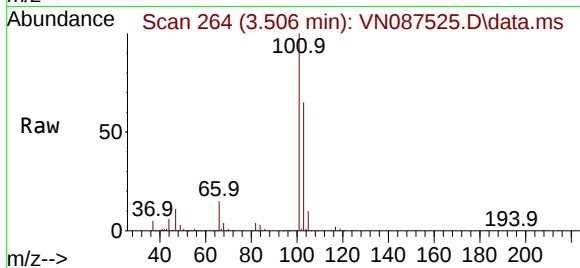
#7
 Trichlorofluoromethane
 Concen: 53.781 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087525.D
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Instrument :
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Tgt Ion:101 Resp: 314439
 Ion Ratio Lower Upper
 101 100
 103 65.2 49.8 74.6

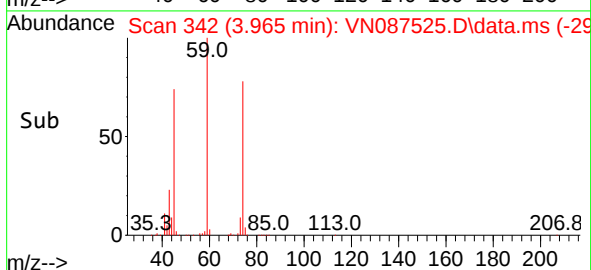
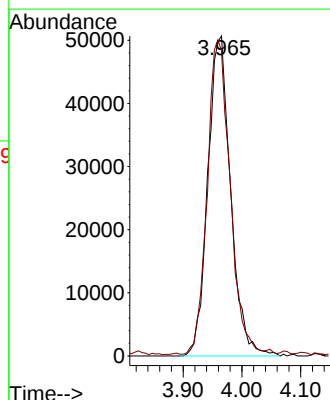
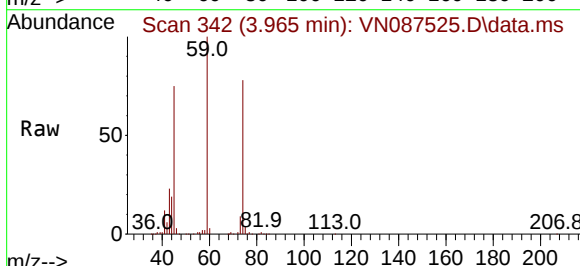
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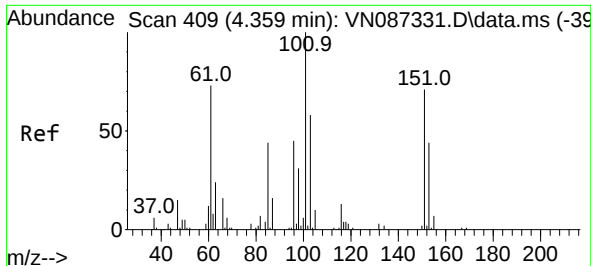
Reviewed By :John Carlone 08/14/2025
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#8
 Diethyl Ether
 Concen: 60.389 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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 Acq: 13 Aug 2025 10:57

Tgt Ion: 74 Resp: 136962
 Ion Ratio Lower Upper
 74 100
 45 98.2 50.8 152.5





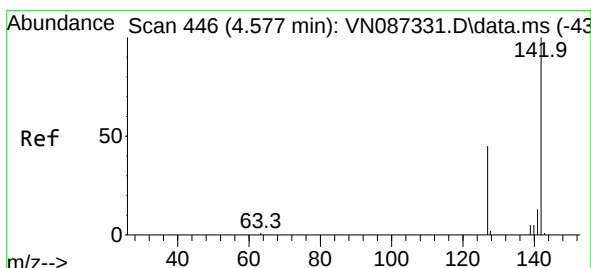
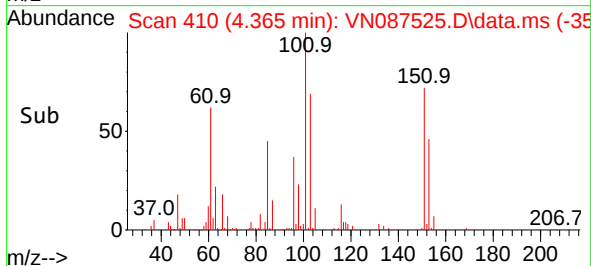
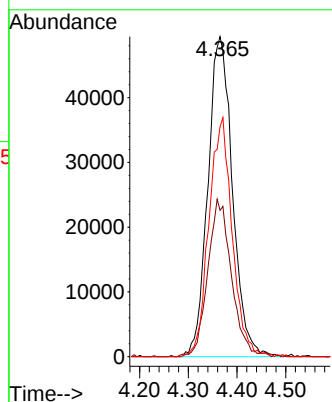
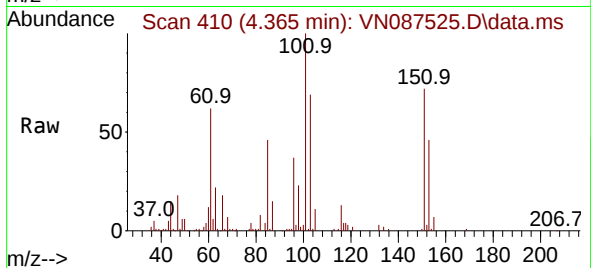
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.720 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17323
Ion Ratio Lower Upper
101 100
85 47.0 37.3 55.9
151 70.7 58.9 88.3

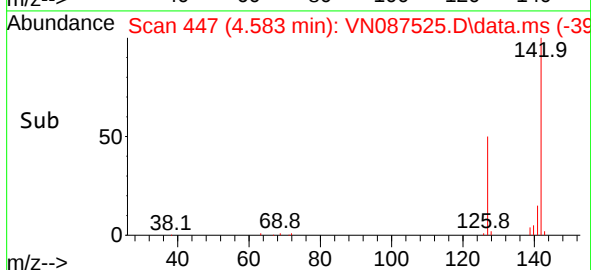
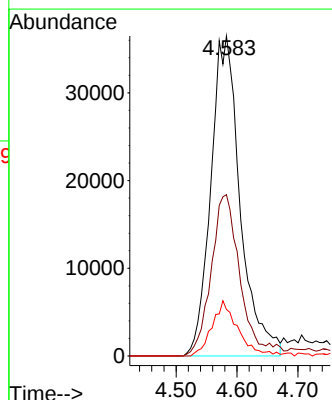
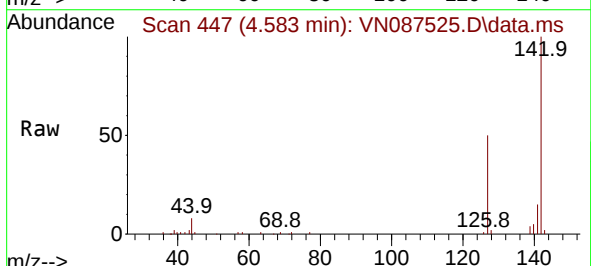
Manual Integrations
APPROVED

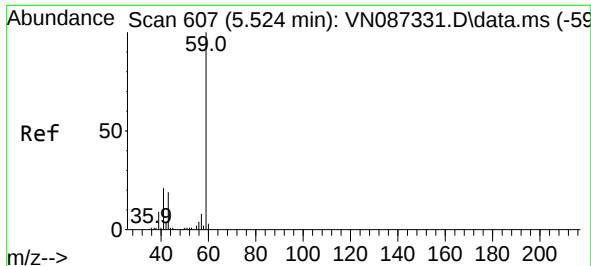
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 40.808 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

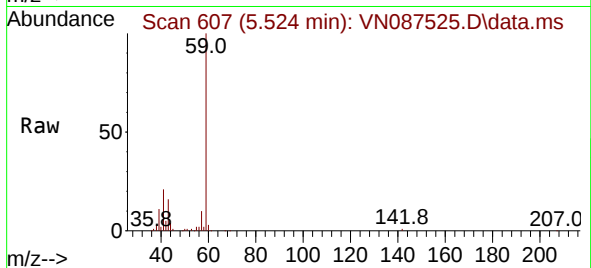
Tgt Ion:142 Resp: 122401
Ion Ratio Lower Upper
142 100
127 50.4 35.7 53.5
141 14.6 10.4 15.6





#11
Tert butyl alcohol
Concen: 286.357 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

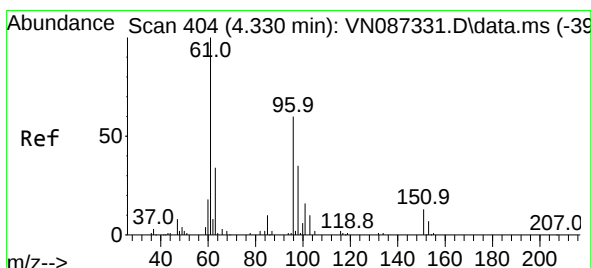
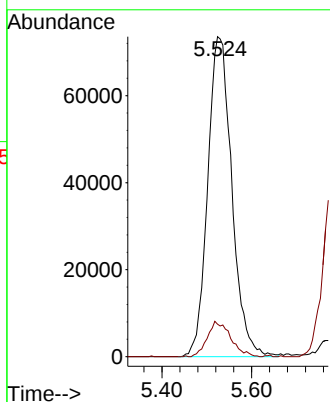
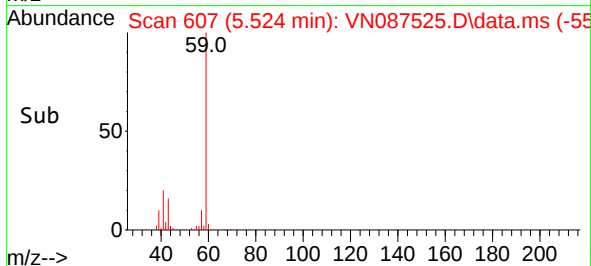
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



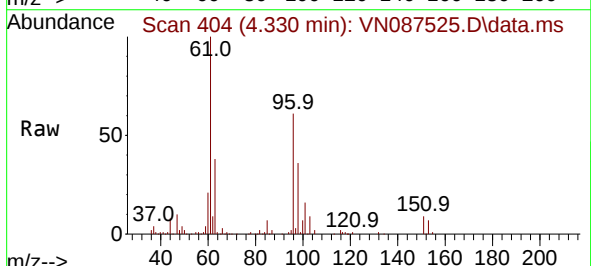
Tgt Ion: 59 Resp: 274825
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

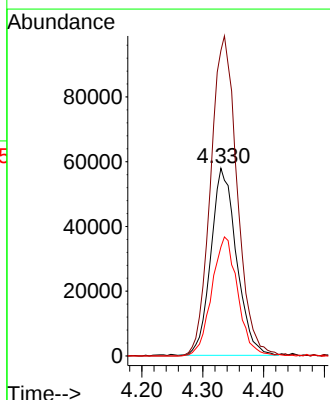
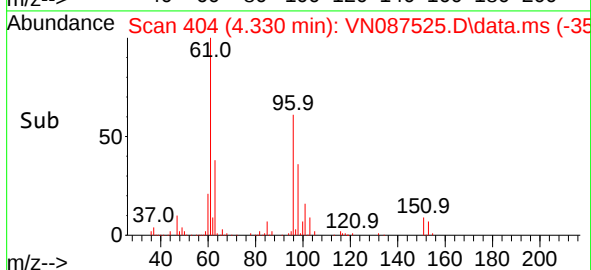
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

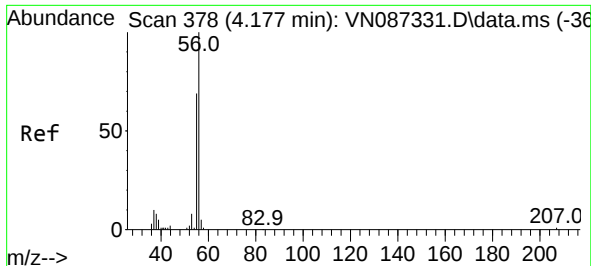


#12
1,1-Dichloroethene
Concen: 49.669 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



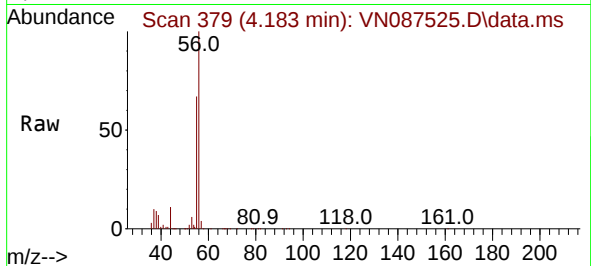
Tgt Ion: 96 Resp: 168930
Ion Ratio Lower Upper
96 100
61 163.3 132.3 198.5
98 58.3 46.8 70.2





#13
Acrolein
Concen: 280.207 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

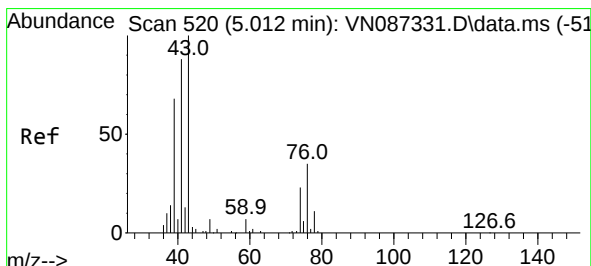
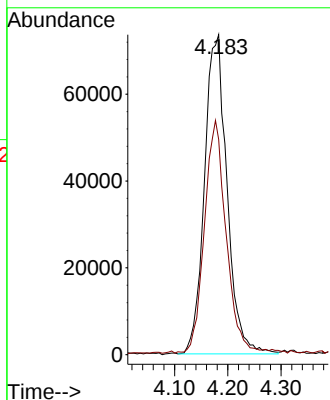
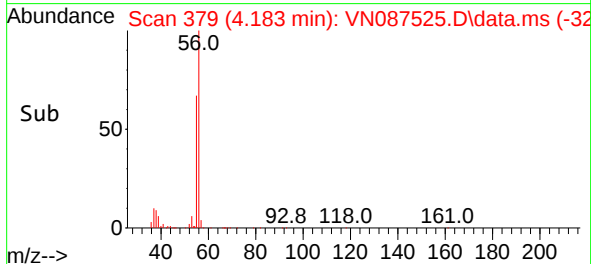
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 21581
Ion Ratio Lower Upper
56 100
55 69.0 56.2 84.4

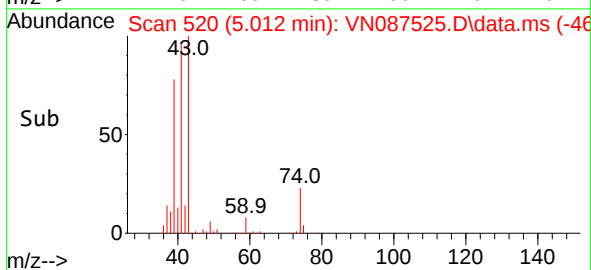
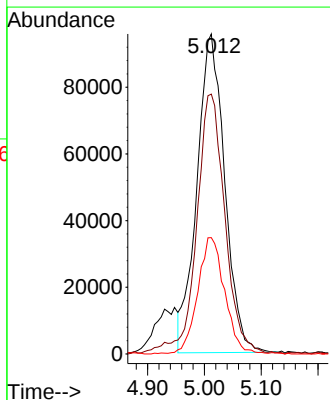
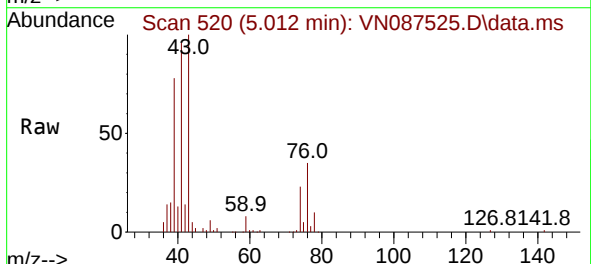
Manual Integrations
APPROVED

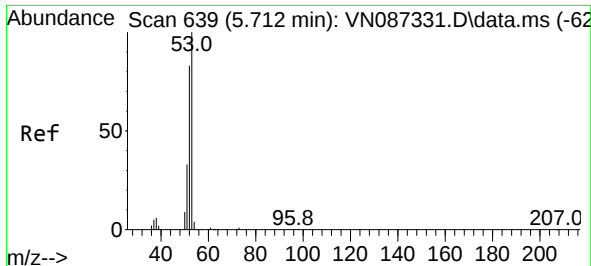
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 52.801 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

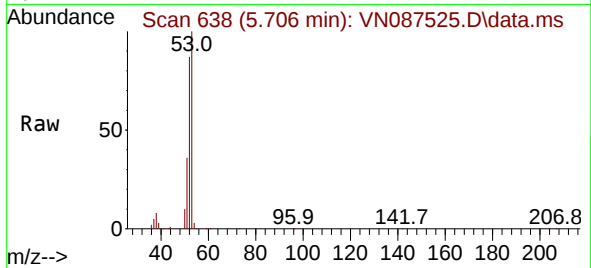
Tgt Ion: 41 Resp: 324998
Ion Ratio Lower Upper
41 100
39 81.8 59.0 88.6
76 35.5 28.7 43.1





#15
Acrylonitrile
Concen: 258.773 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

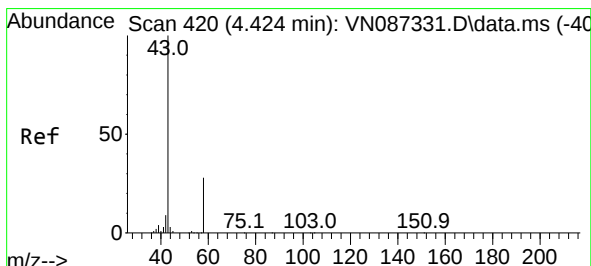
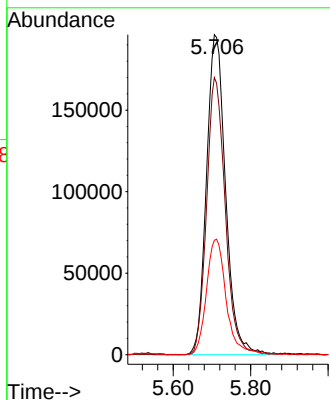
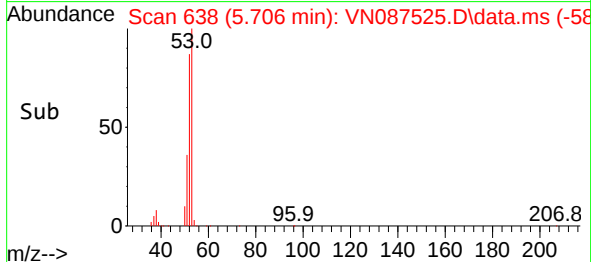
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 673928
Ion Ratio Lower Upper
53 100
52 84.5 65.5 98.3
51 37.4 28.7 43.1

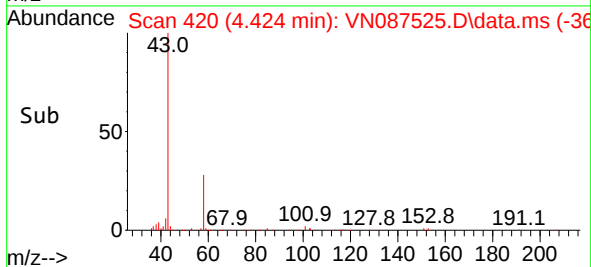
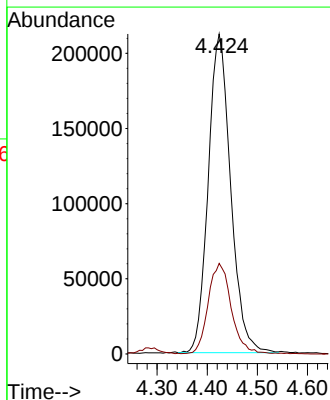
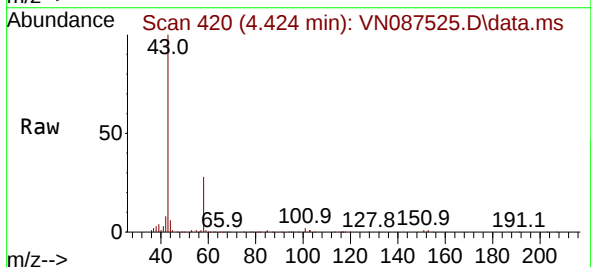
Manual Integrations
APPROVED

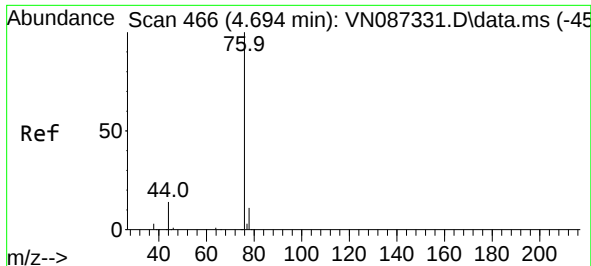
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#16
Acetone
Concen: 277.621 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

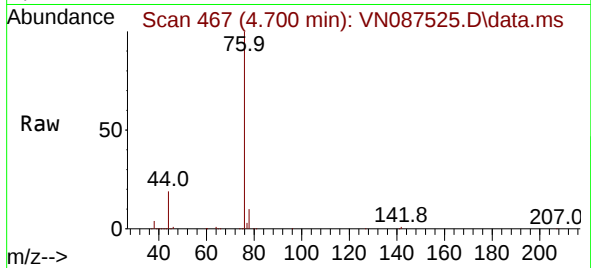
Tgt Ion: 43 Resp: 657929
Ion Ratio Lower Upper
43 100
58 28.2 22.3 33.5





#17
Carbon Disulfide
Concen: 47.578 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

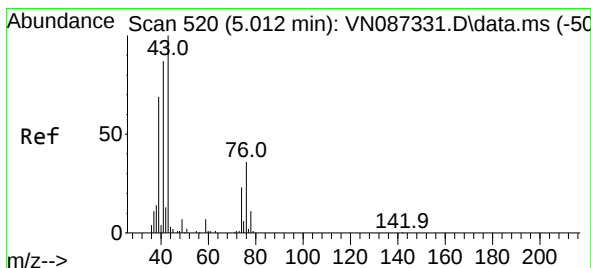
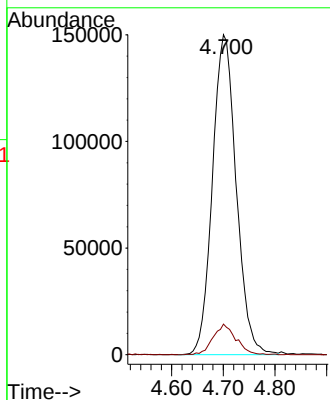
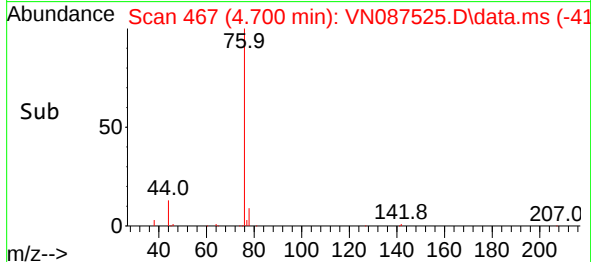
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 479745
Ion Ratio Lower Upper
76 100
78 9.5 8.6 13.0

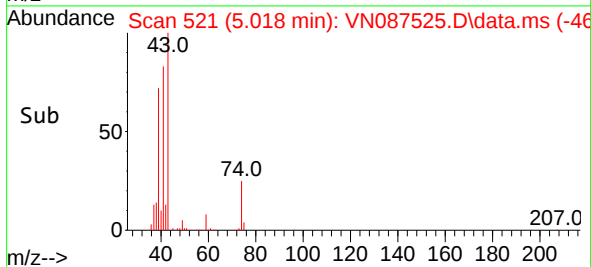
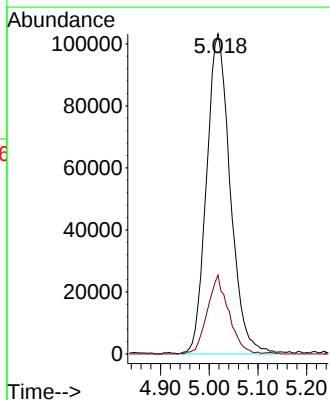
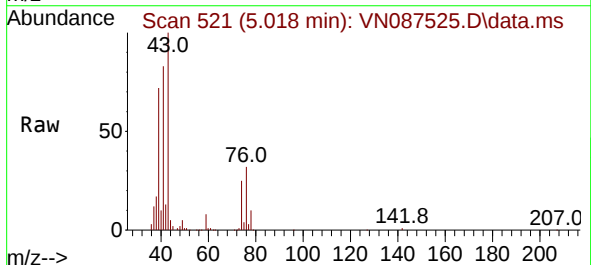
Manual Integrations
APPROVED

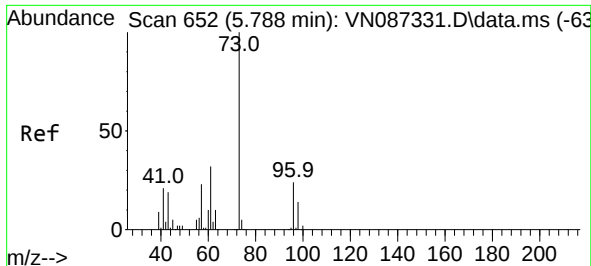
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 58.763 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

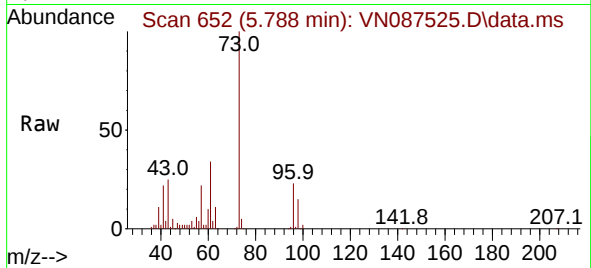
Tgt Ion: 43 Resp: 349876
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 58.885 ug/l
RT: 5.788 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

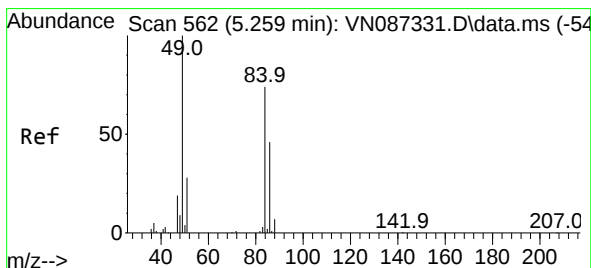
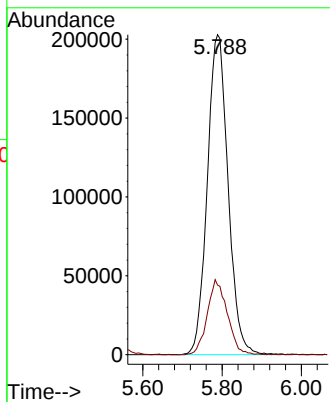
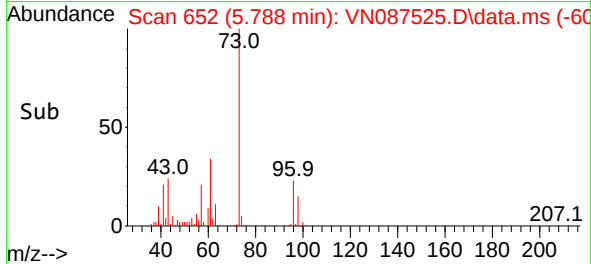
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 73818
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8

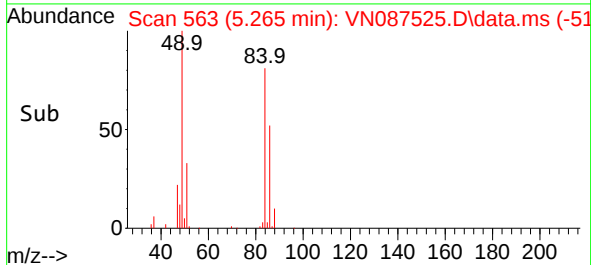
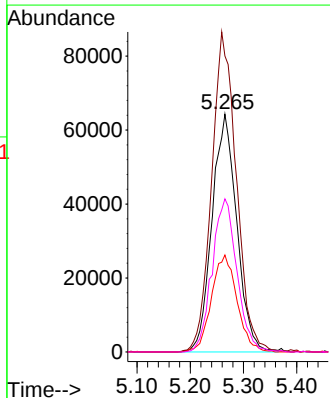
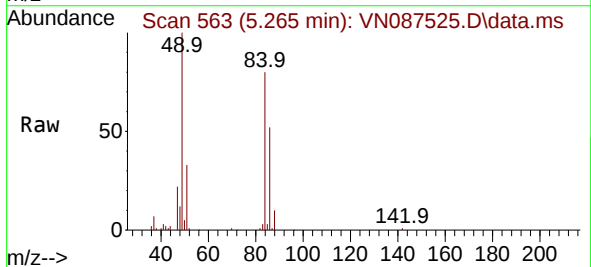
Manual Integrations
APPROVED

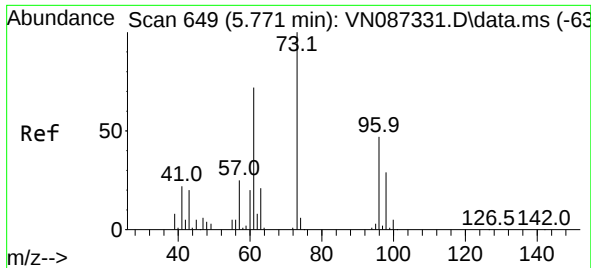
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 51.839 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 84 Resp: 207585
Ion Ratio Lower Upper
84 100
49 124.5 107.5 161.3
51 40.8 30.2 45.2
86 64.4 49.3 73.9





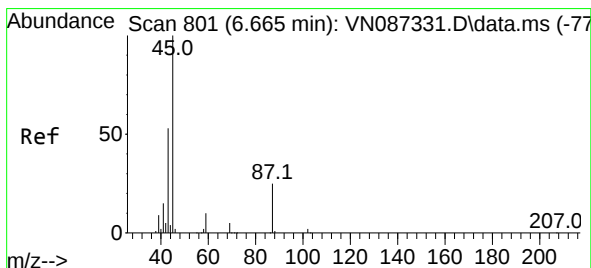
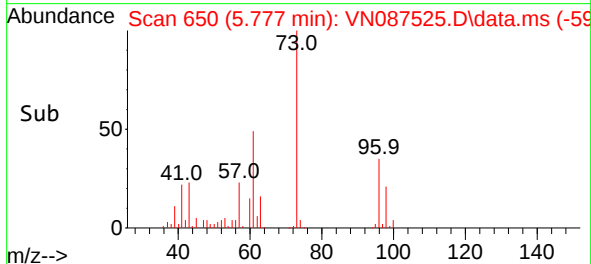
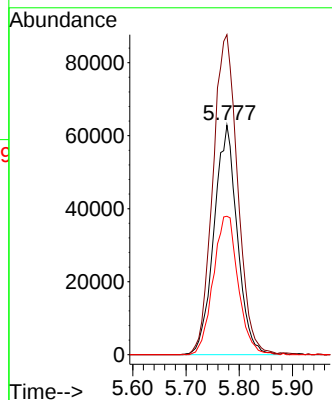
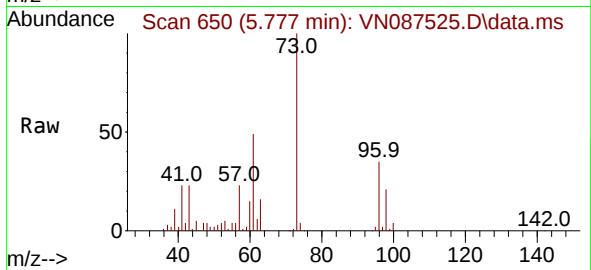
#21
trans-1,2-Dichloroethene
Concen: 49.703 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 19060
Ion Ratio Lower Upper
96 100
61 139.5 122.0 183.0
98 60.3 50.0 75.0

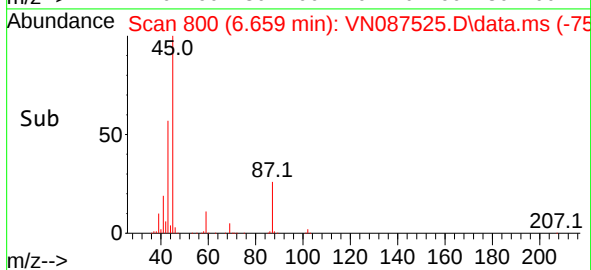
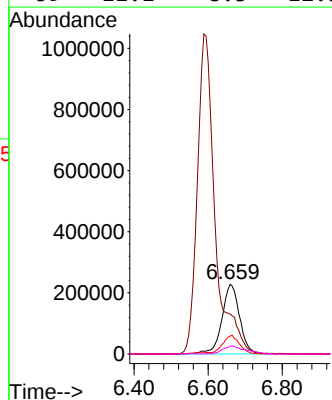
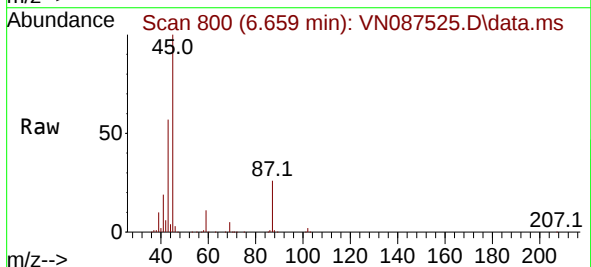
Manual Integrations
APPROVED

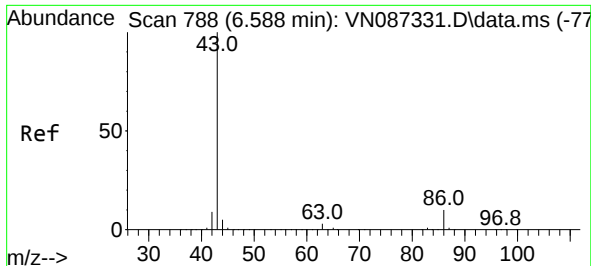
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 58.441 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

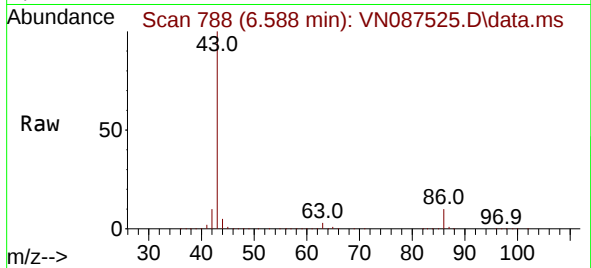
Tgt Ion: 45 Resp: 754528
Ion Ratio Lower Upper
45 100
43 57.0 42.8 64.2
87 25.7 19.8 29.6
59 11.1 8.3 12.5





#23
 Vinyl Acetate
 Concen: 306.836 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087525.D
 Acq: 13 Aug 2025 10:57

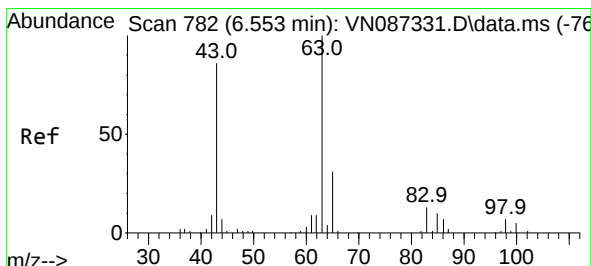
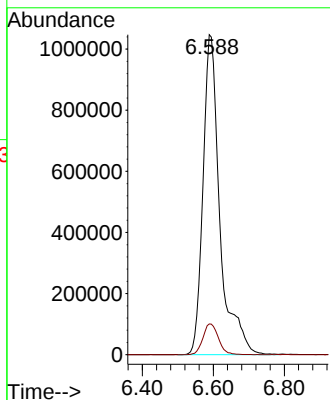
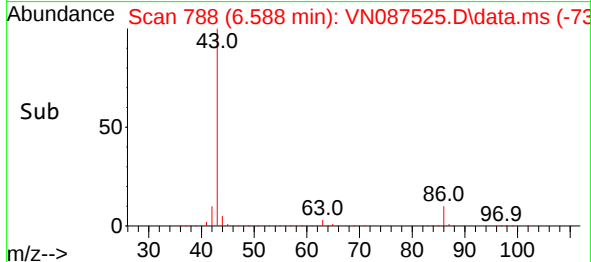
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



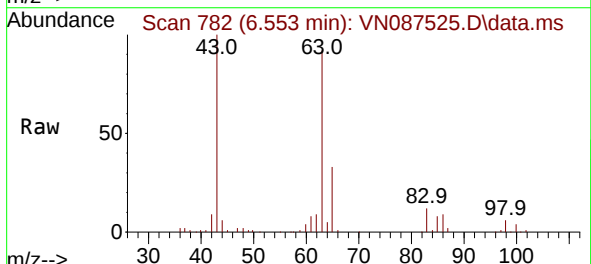
Tgt Ion: 43 Resp: 3464754
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5

Manual Integrations
 APPROVED

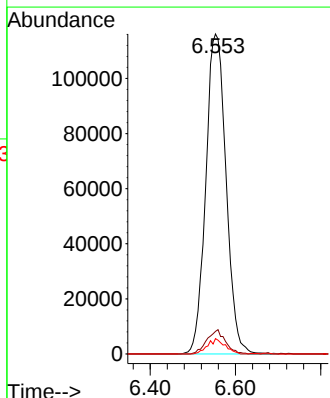
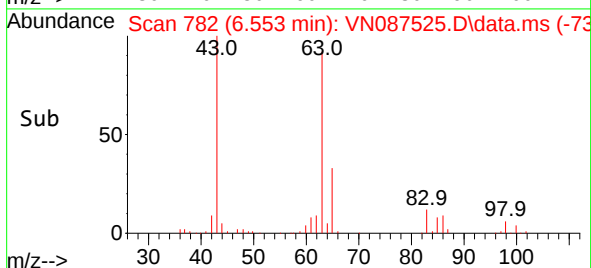
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

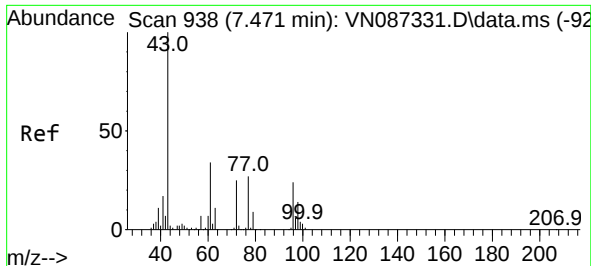


#24
 1,1-Dichloroethane
 Concen: 51.586 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087525.D
 Acq: 13 Aug 2025 10:57



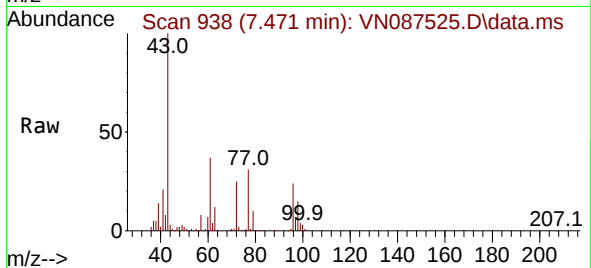
Tgt Ion: 63 Resp: 384250
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 270.516 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

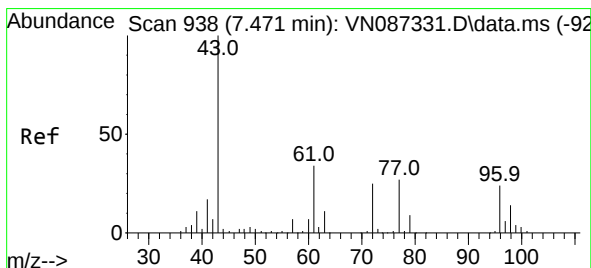
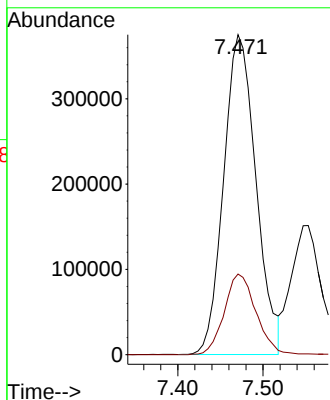
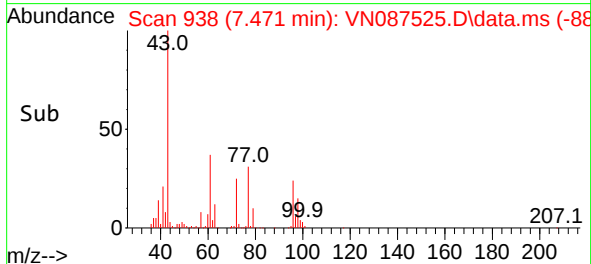
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



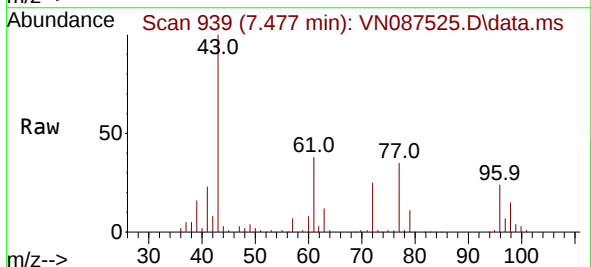
Tgt Ion: 43 Resp: 990549
Ion Ratio Lower Upper
43 100
72 25.2 19.6 29.4

Manual Integrations
APPROVED

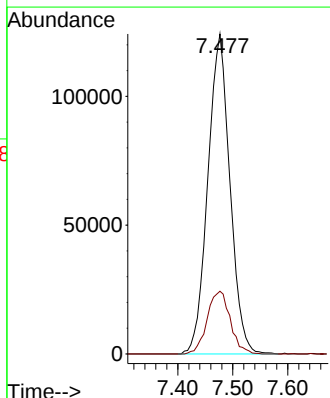
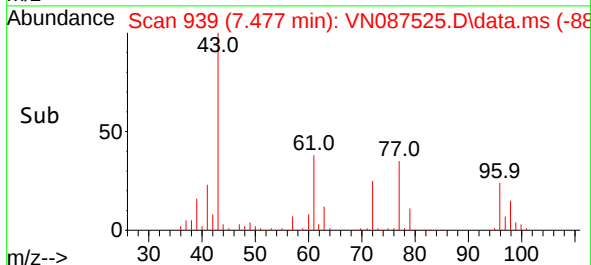
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

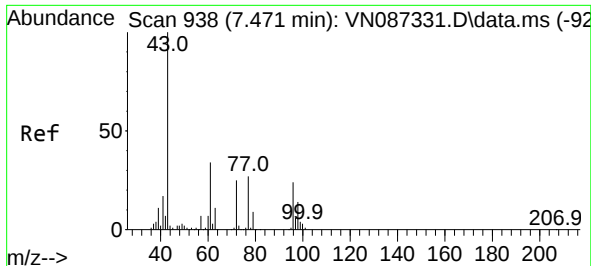


#26
2,2-Dichloropropane
Concen: 59.940 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



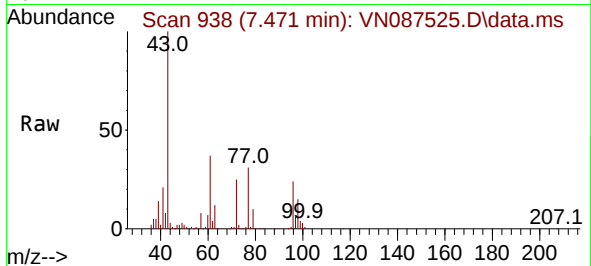
Tgt Ion: 77 Resp: 347122
Ion Ratio Lower Upper
77 100
97 20.5 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.808 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087525.D
 Acq: 13 Aug 2025 10:57

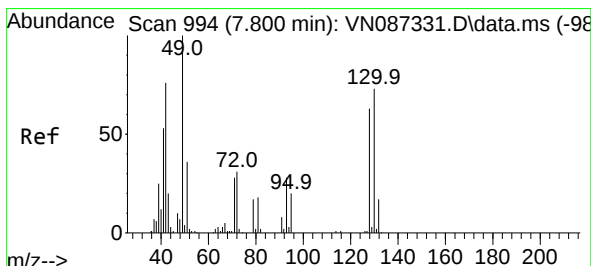
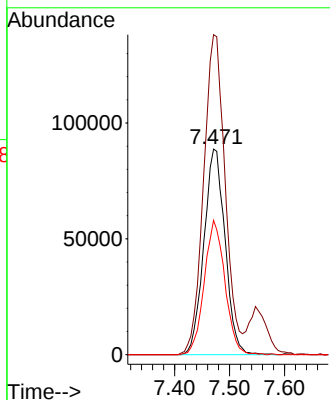
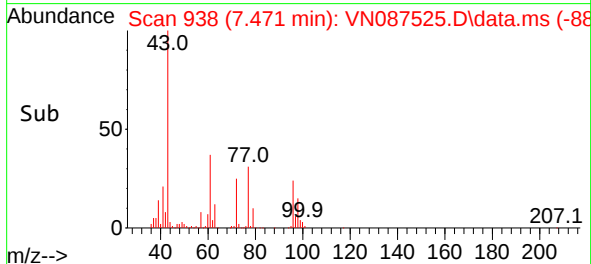
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 23756
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 297.8
 98 63.8 0.0 132.4

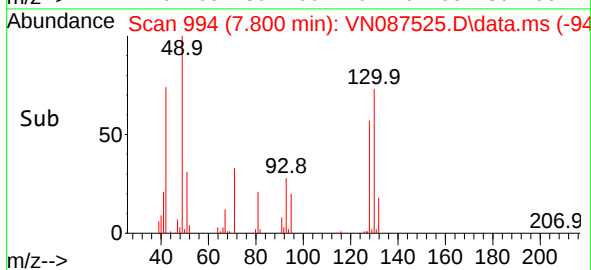
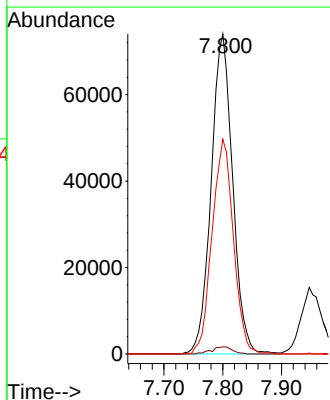
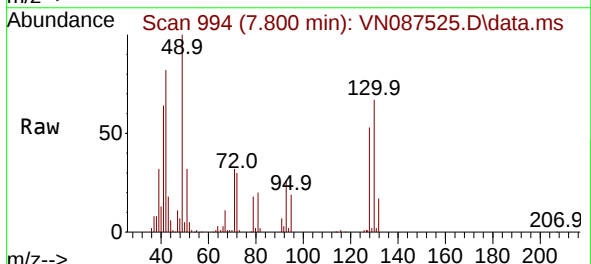
Manual Integrations
 APPROVED

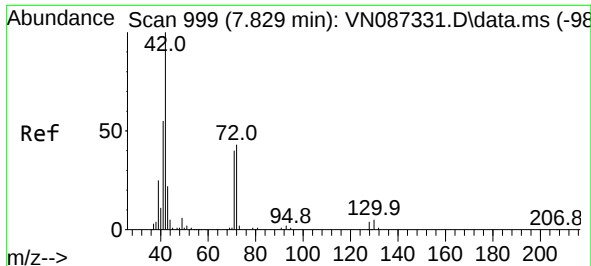
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#28
 Bromochloromethane
 Concen: 52.751 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087525.D
 Acq: 13 Aug 2025 10:57

Tgt Ion: 49 Resp: 188052
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 66.7 57.3 85.9





#29

Tetrahydrofuran

Concen: 273.374 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087525.D

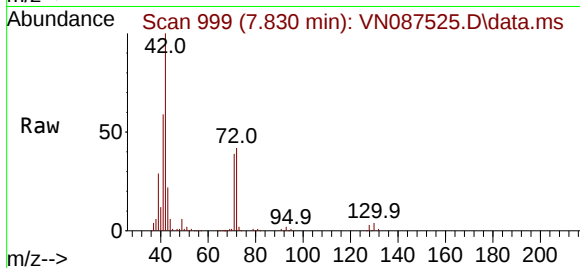
Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



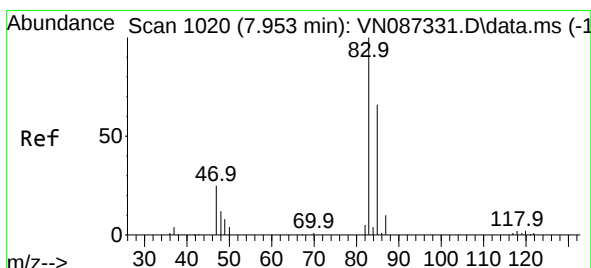
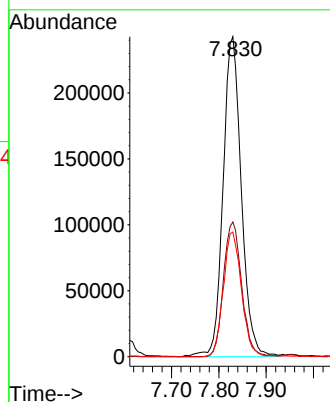
Tgt Ion:	42	Resp:	65028
Ion Ratio	100	Lower	Upper
42	100		
72	42.0	33.4	50.0
71	38.7	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#30

Chloroform

Concen: 54.606 ug/l

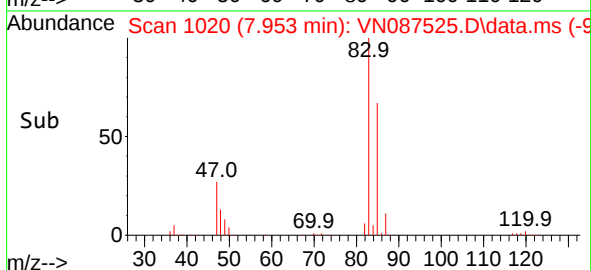
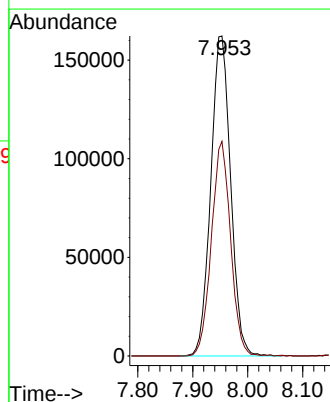
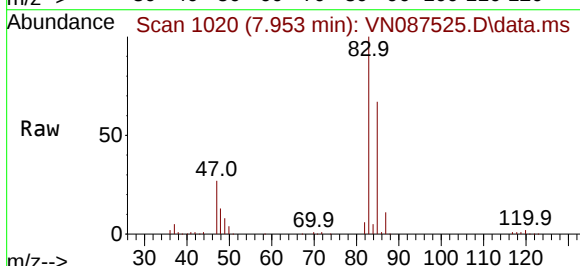
RT: 7.953 min Scan# 1020

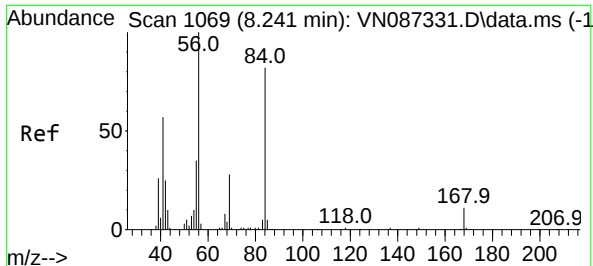
Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Tgt Ion:	83	Resp:	407119
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	52.7	79.1





#31

Cyclohexane

Concen: 54.405 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 338060

Ion Ratio Lower Upper

56 100

69 30.5 22.7 34.1

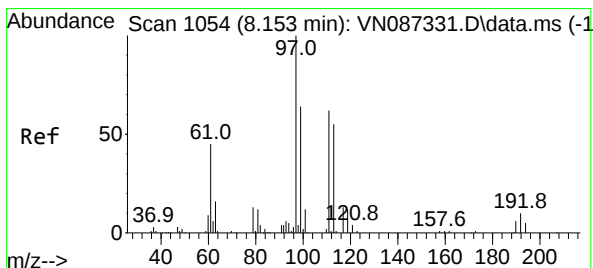
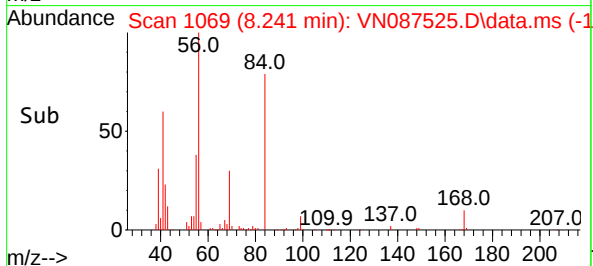
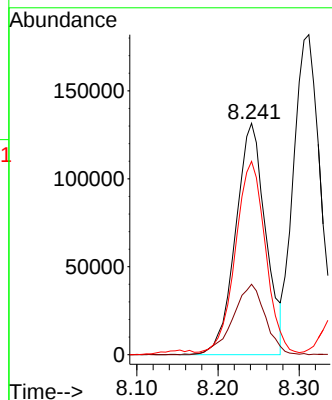
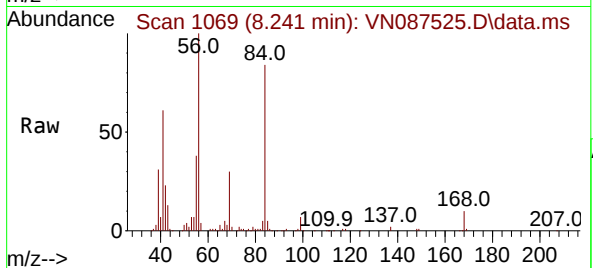
84 81.4 65.8 98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#32

1,1,1-Trichloroethane

Concen: 54.317 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

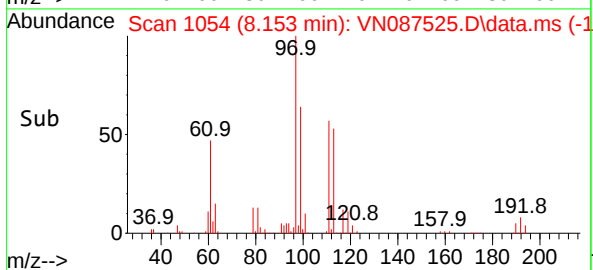
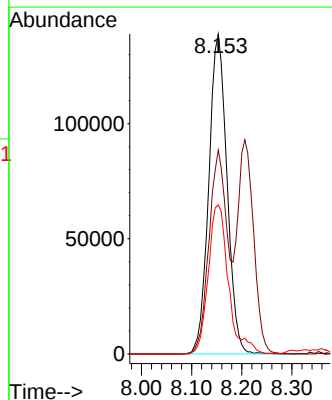
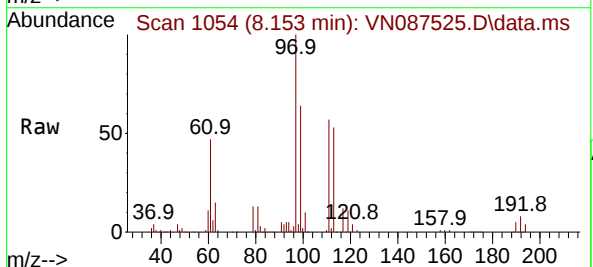
Tgt Ion: 97 Resp: 350752

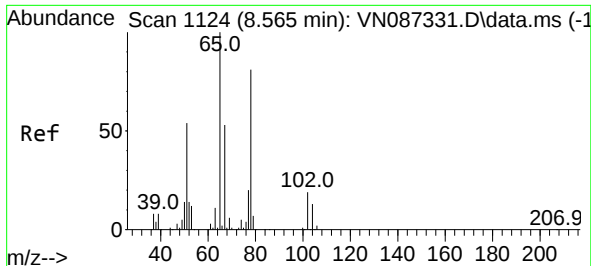
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.8

61 51.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 52.900 ug/l

RT: 8.559 min Scan# 1124

Delta R.T. -0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 267380

Ion Ratio Lower Upper

65 100

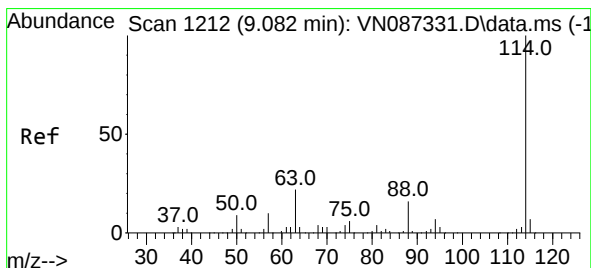
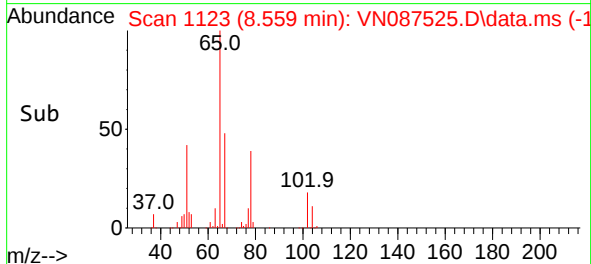
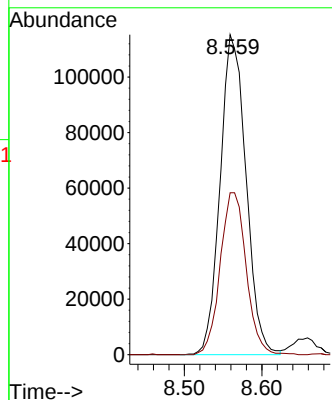
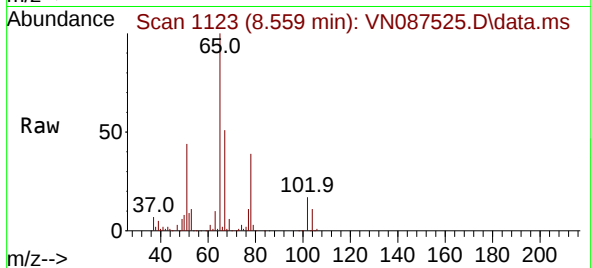
67 51.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

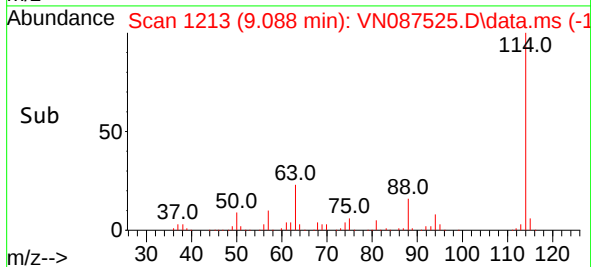
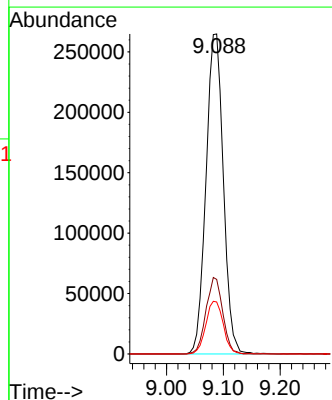
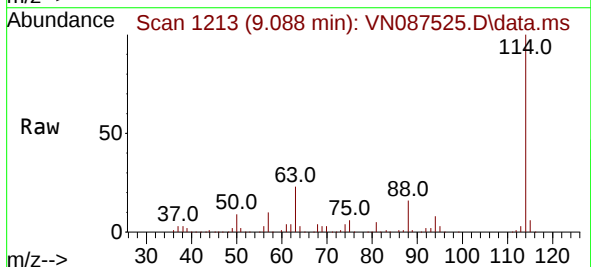
Tgt Ion:114 Resp: 560249

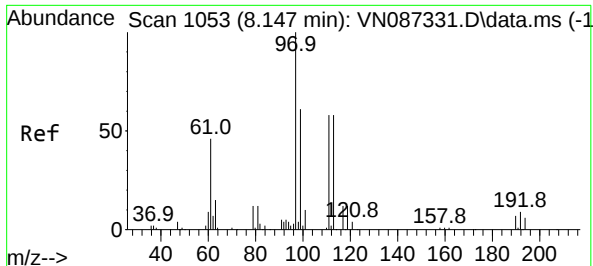
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

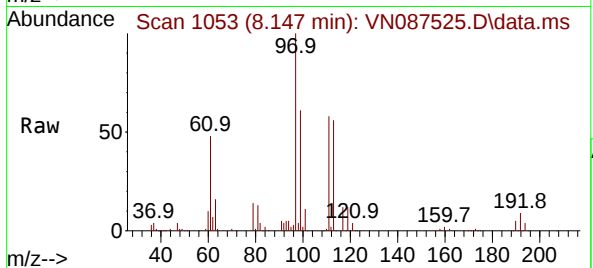
88 16.3 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.926 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

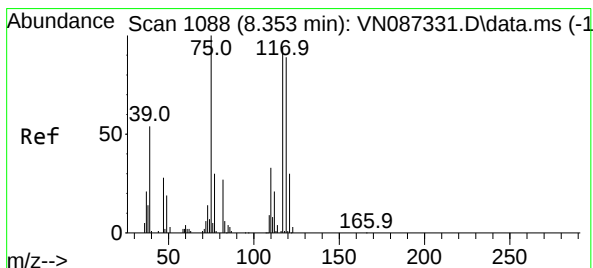
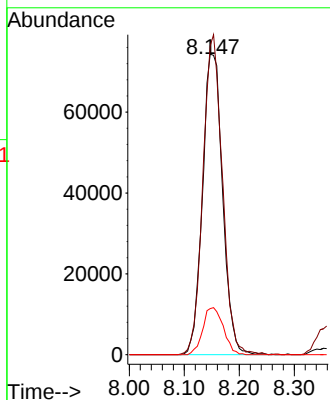
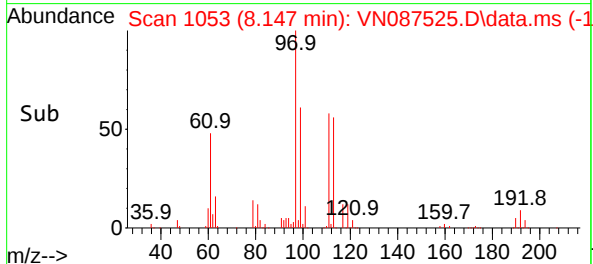
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 189080
Ion Ratio Lower Upper
113 100
111 102.8 82.5 123.7
192 16.0 13.7 20.5

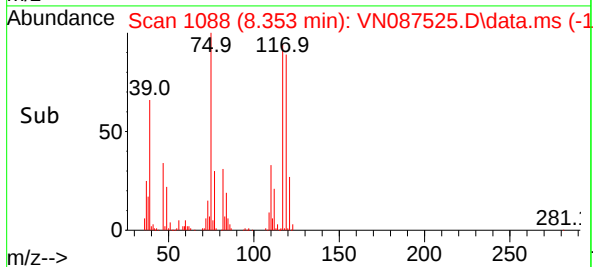
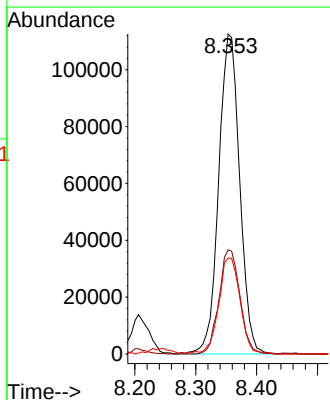
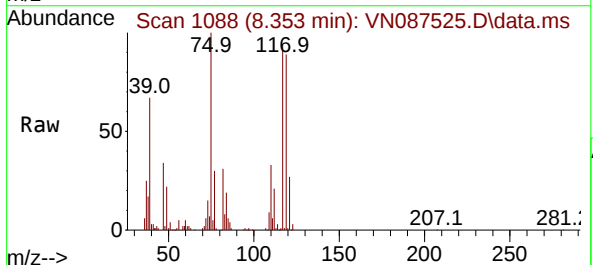
Manual Integrations
APPROVED

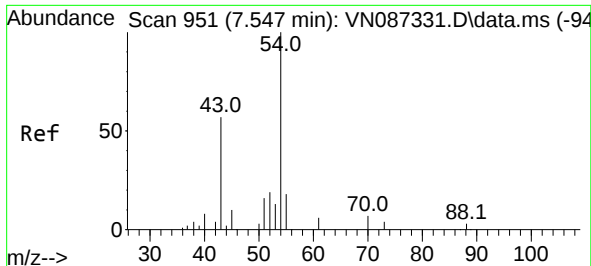
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 52.704 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

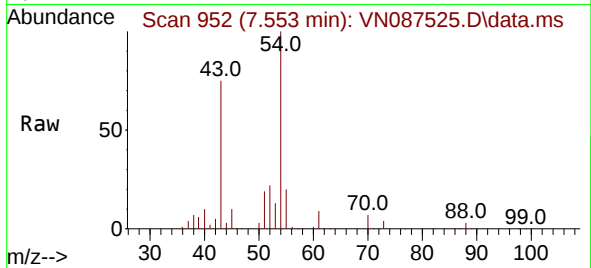
Tgt Ion: 75 Resp: 269096
Ion Ratio Lower Upper
75 100
110 32.4 16.7 50.1
77 30.7 25.2 37.8





#37
Ethyl Acetate
Concen: 51.872 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

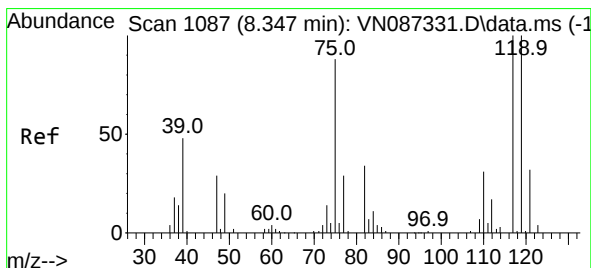
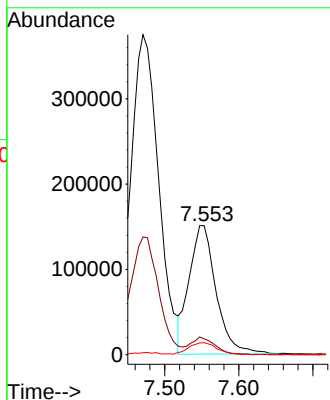
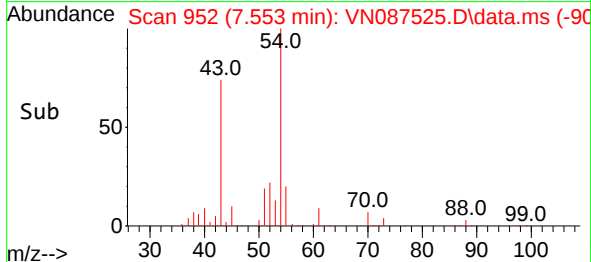
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38250
Ion Ratio Lower Upper
43 100
61 12.1 10.9 16.3
70 9.7 7.4 11.0

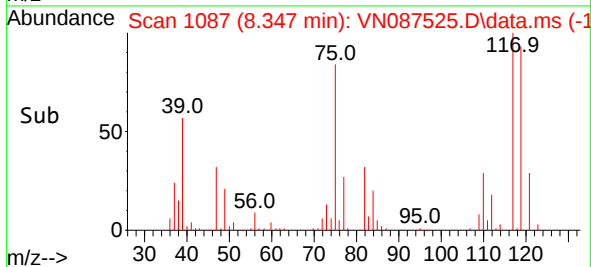
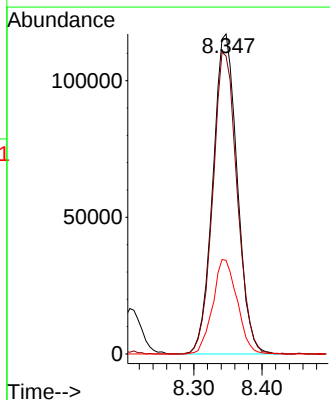
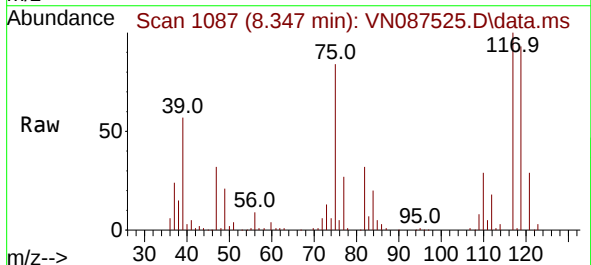
Manual Integrations
APPROVED

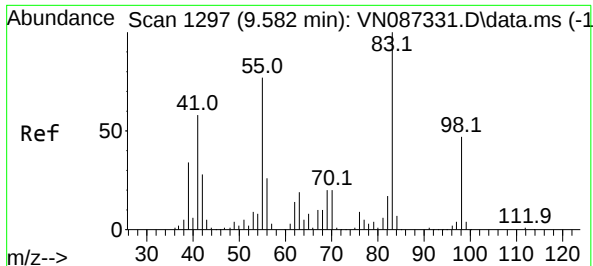
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Carbon Tetrachloride
Concen: 51.679 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:117 Resp: 290669
Ion Ratio Lower Upper
117 100
119 93.1 80.2 120.2
121 29.3 25.4 38.2





#39

Methylcyclohexane

Concen: 59.801 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 33056

Ion Ratio Lower Upper

83 100

55 79.9 61.3 91.9

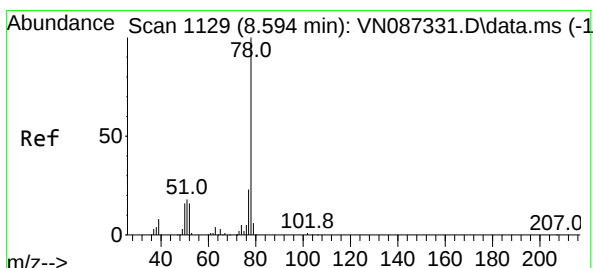
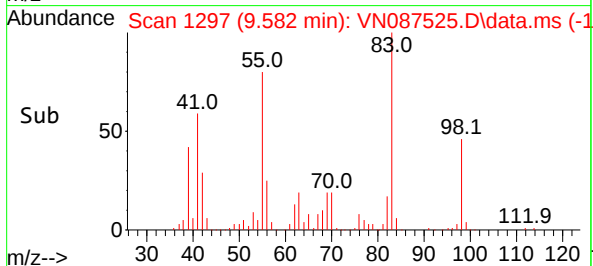
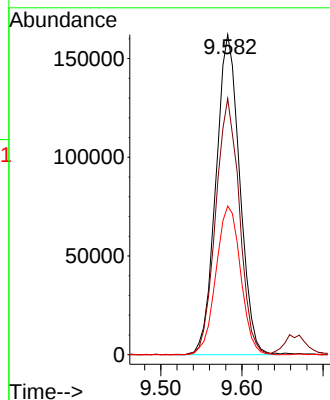
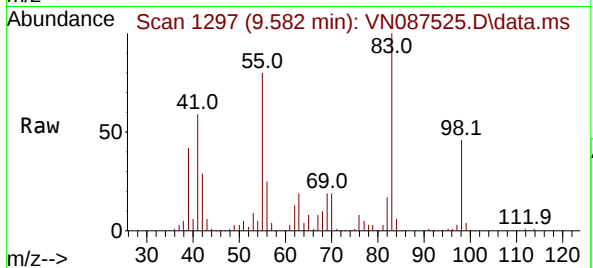
98 46.5 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#40

Benzene

Concen: 50.887 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087525.D

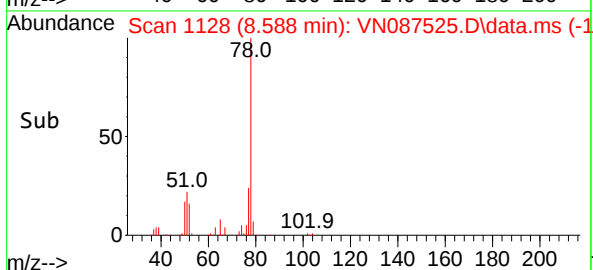
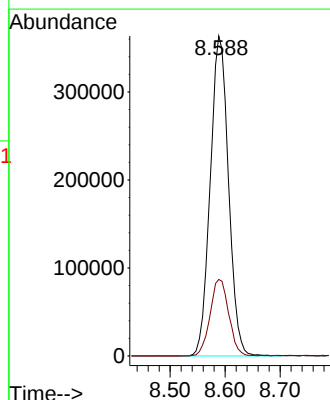
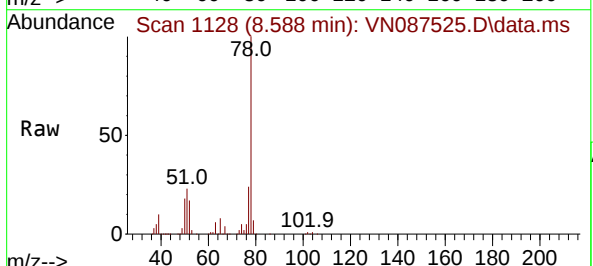
Acq: 13 Aug 2025 10:57

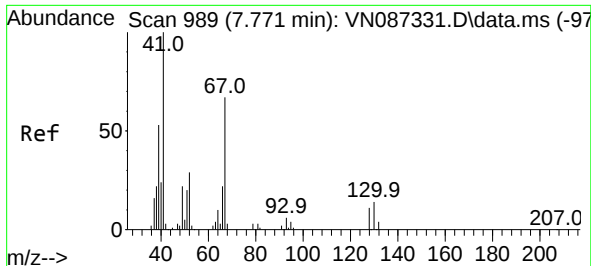
Tgt Ion: 78 Resp: 839732

Ion Ratio Lower Upper

78 100

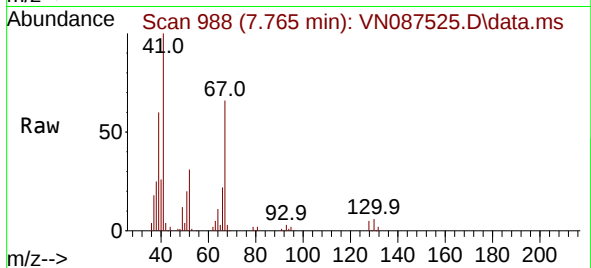
77 23.9 18.2 27.2





#41
Methacrylonitrile
Concen: 56.377 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

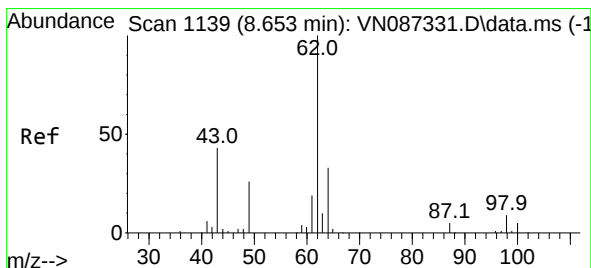
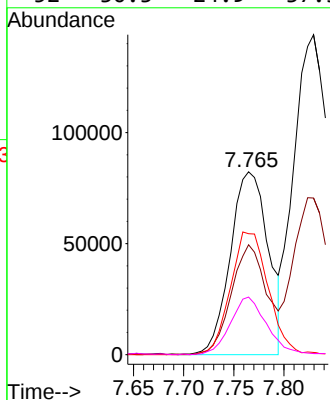
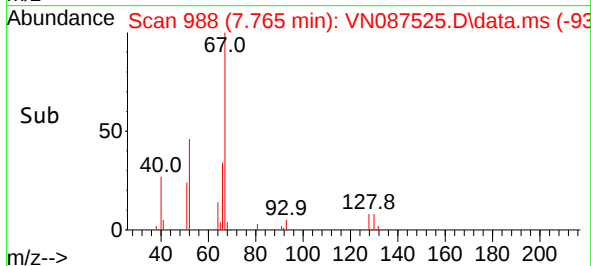
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 217375
Ion Ratio Lower Upper
41 100
39 56.0 43.4 65.0
67 67.0 55.1 82.7
52 30.3 24.9 37.3

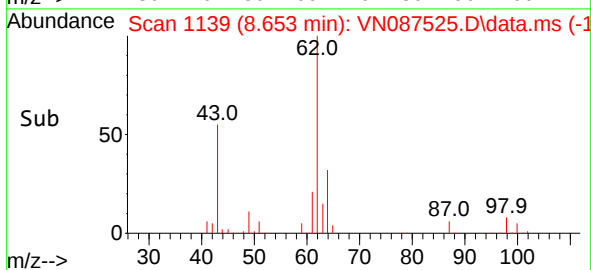
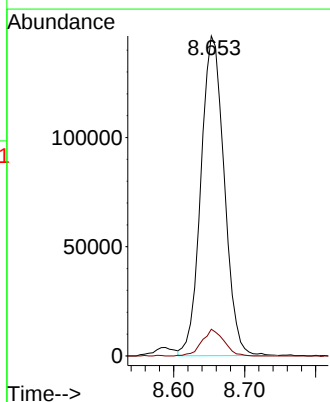
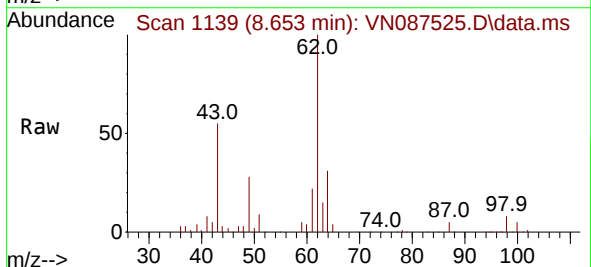
Manual Integrations
APPROVED

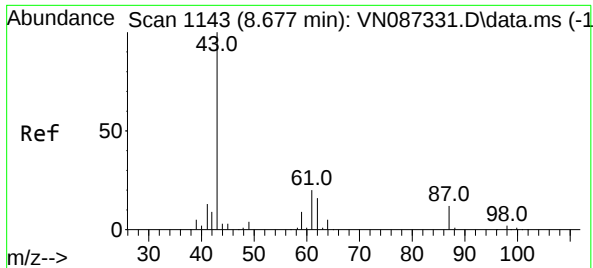
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 53.444 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

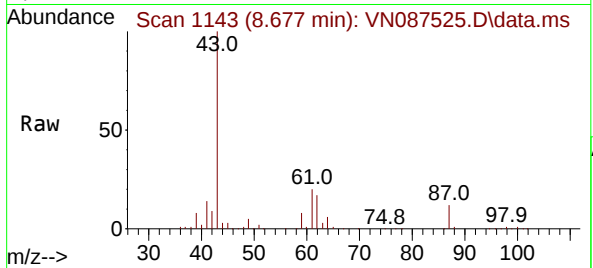
Tgt Ion: 62 Resp: 334446
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 56.154 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

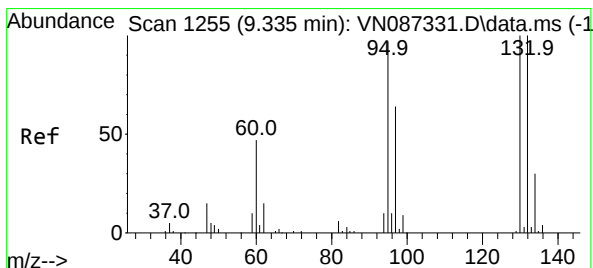
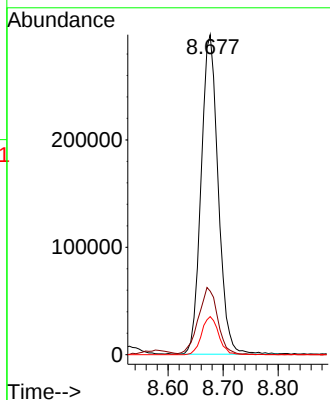
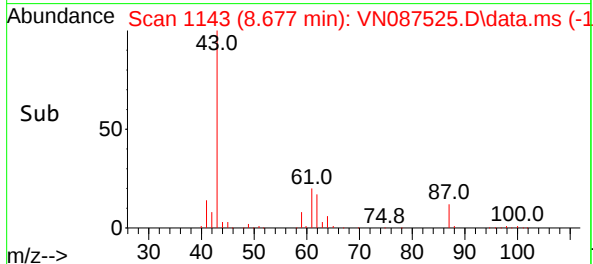
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



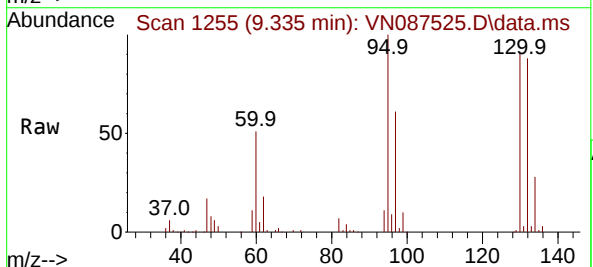
Tgt Ion: 43 Resp: 642790
Ion Ratio Lower Upper
43 100
61 23.8 19.8 29.8
87 11.8 9.8 14.6

Manual Integrations
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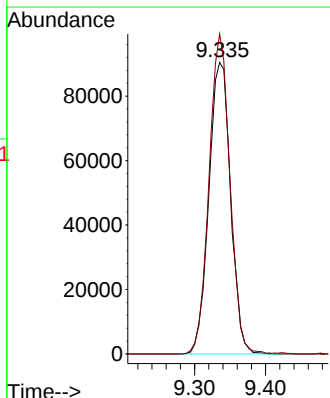
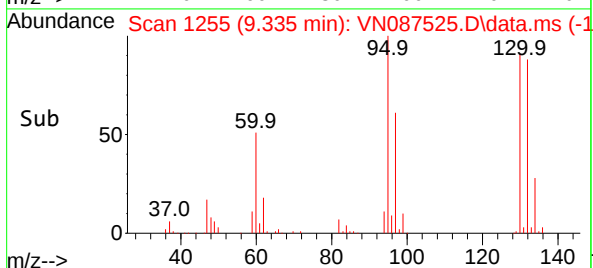
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

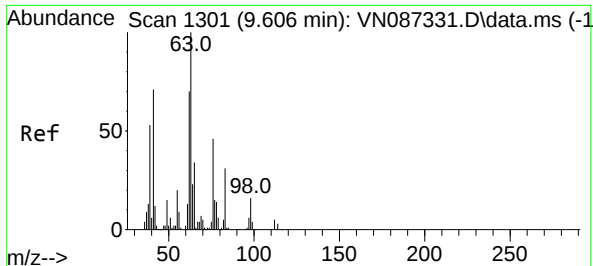


#44
Trichloroethene
Concen: 49.195 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



Tgt Ion:130 Resp: 191822
Ion Ratio Lower Upper
130 100
95 109.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.319 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087525.D

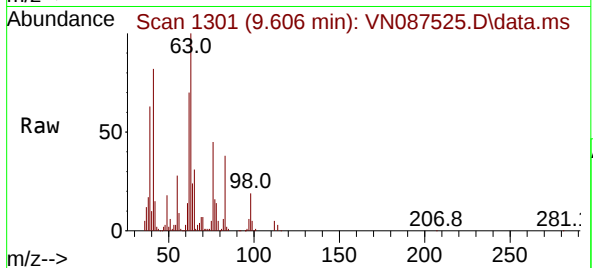
Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 215179

Ion Ratio Lower Upper

63 100

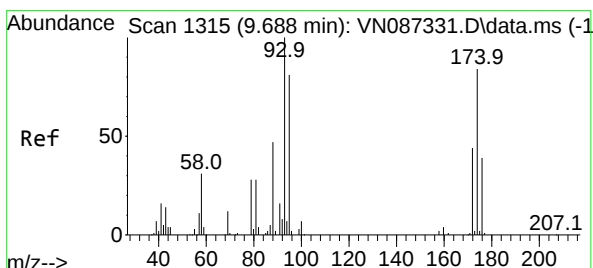
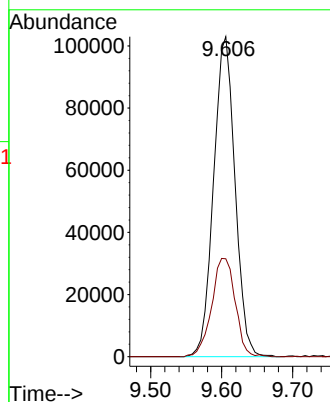
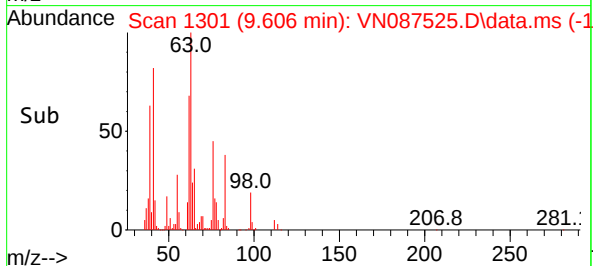
65 30.6 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

Dibromomethane

Concen: 52.067 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

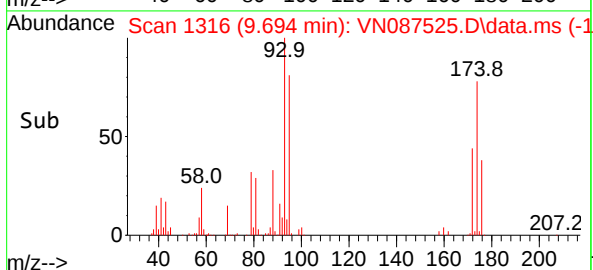
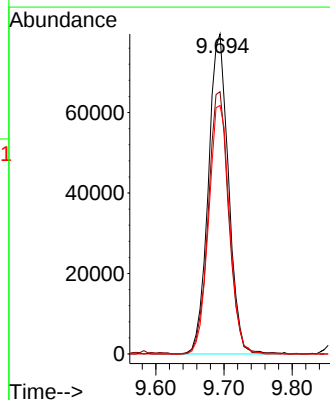
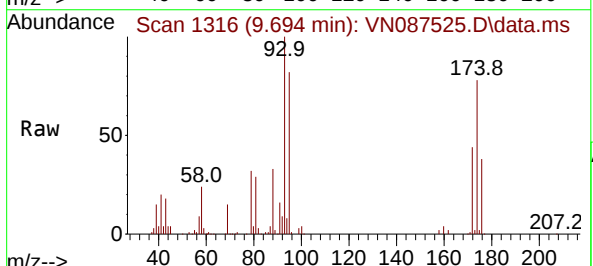
Tgt Ion: 93 Resp: 163459

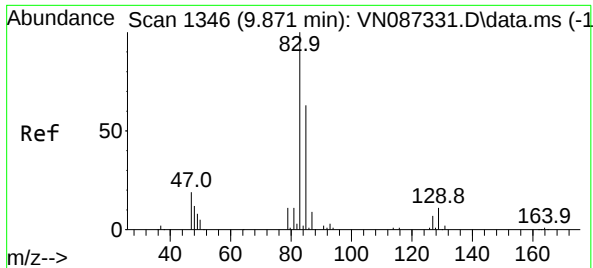
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

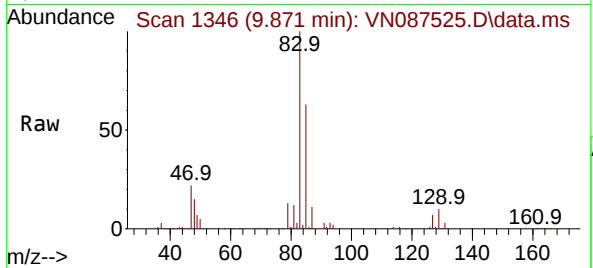
174 80.5 69.9 104.9





#47
Bromodichloromethane
Concen: 53.322 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

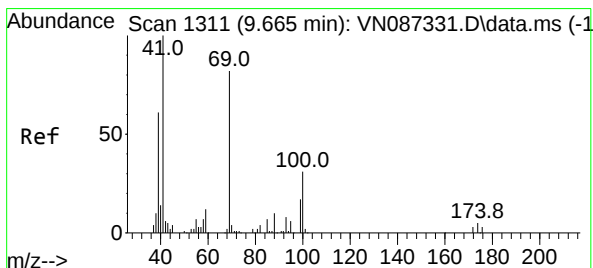
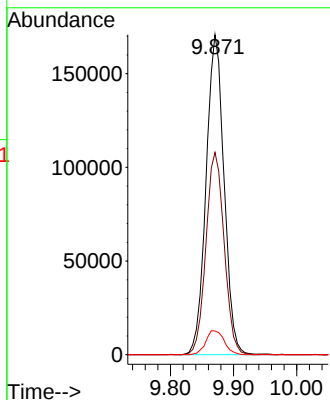
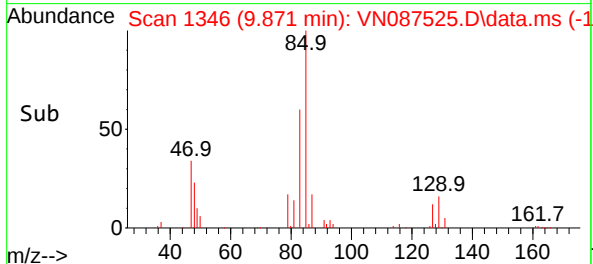
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 337184
Ion Ratio Lower Upper
83 100
85 63.2 50.4 75.6
127 7.4 5.8 8.8

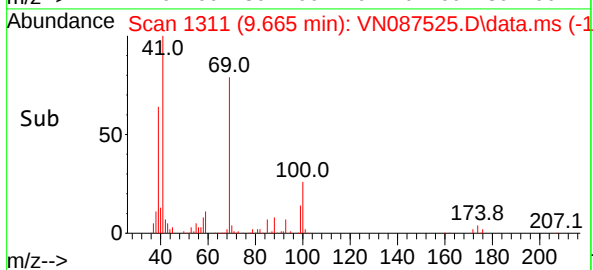
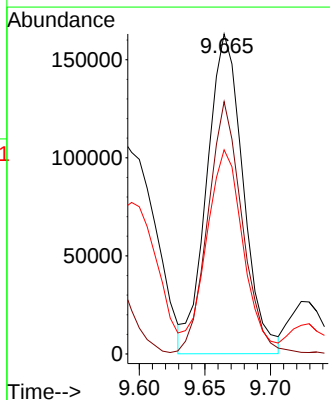
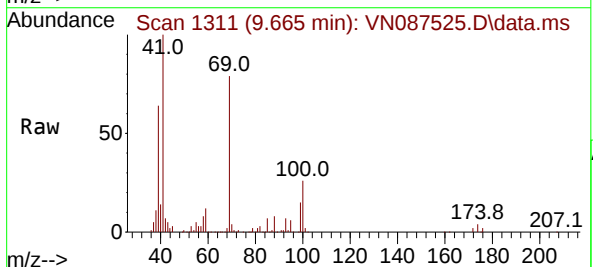
Manual Integrations
APPROVED

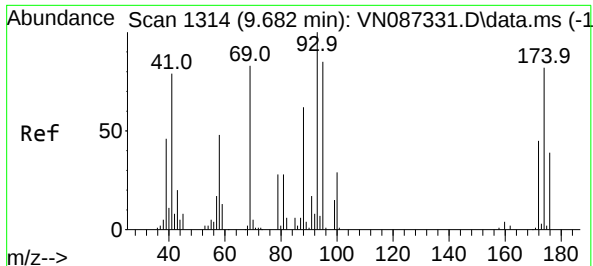
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#48
Methyl methacrylate
Concen: 60.829 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 41 Resp: 313471
Ion Ratio Lower Upper
41 100
69 74.8 64.1 96.1
39 65.0 45.5 68.3





#49

1,4-Dioxane

Concen: 1099.339 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 86769

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

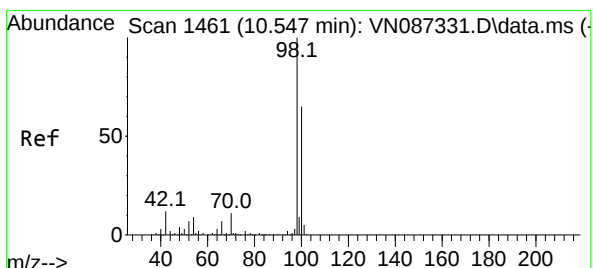
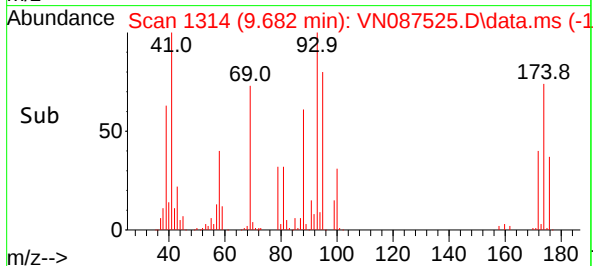
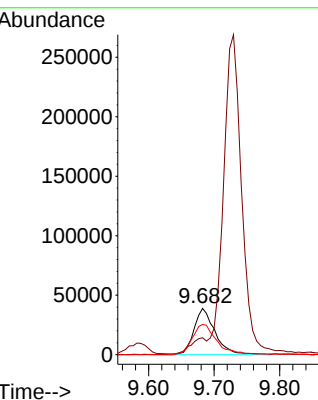
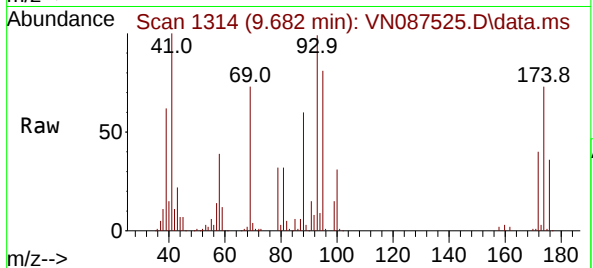
58 75.4 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#50

Toluene-d8

Concen: 48.931 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087525.D

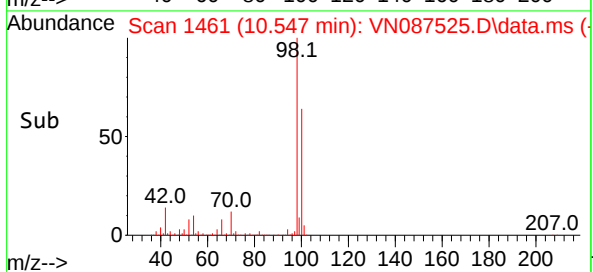
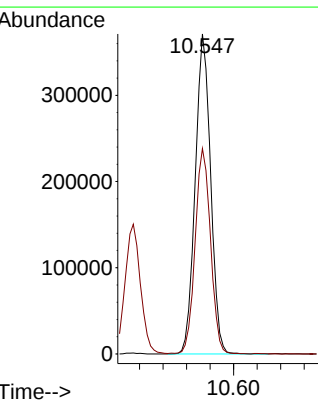
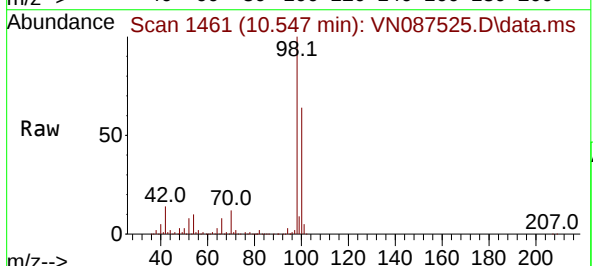
Acq: 13 Aug 2025 10:57

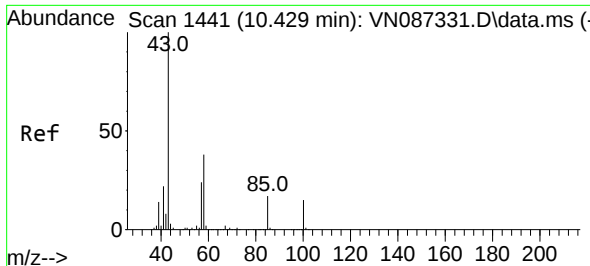
Tgt Ion: 98 Resp: 674538

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1





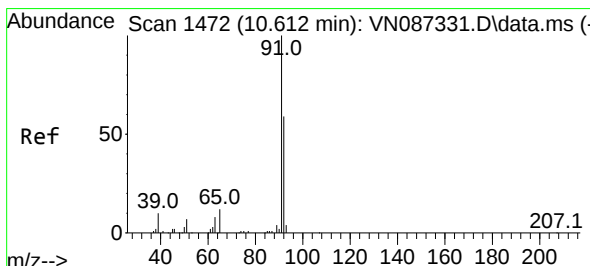
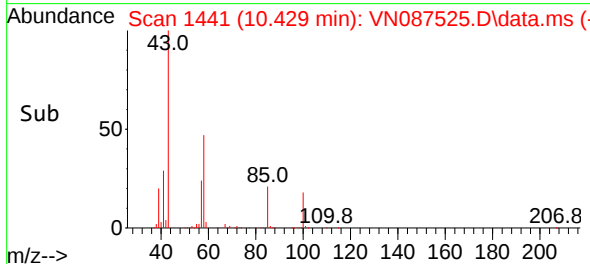
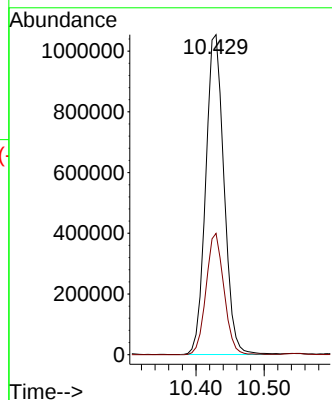
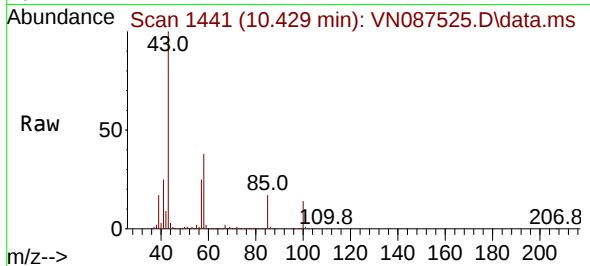
#51
4-Methyl-2-Pentanone
Concen: 272.168 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1970484
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2

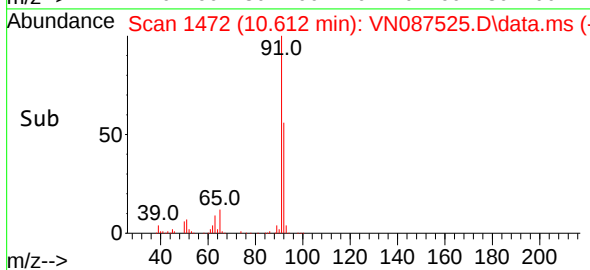
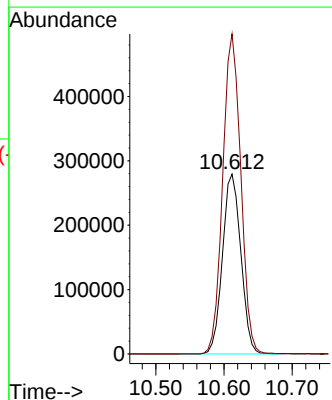
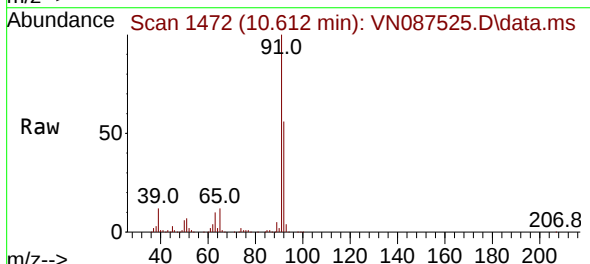
Manual Integrations
APPROVED

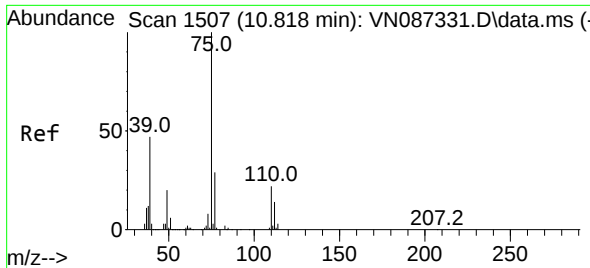
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 52.162 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

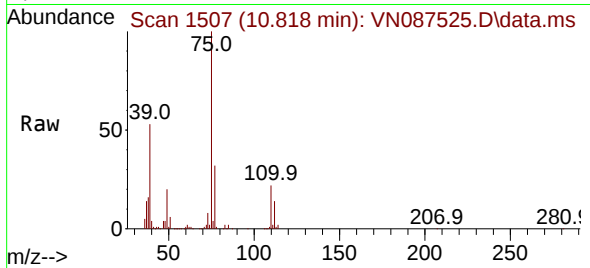
Tgt Ion: 92 Resp: 523201
Ion Ratio Lower Upper
92 100
91 175.4 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 56.856 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

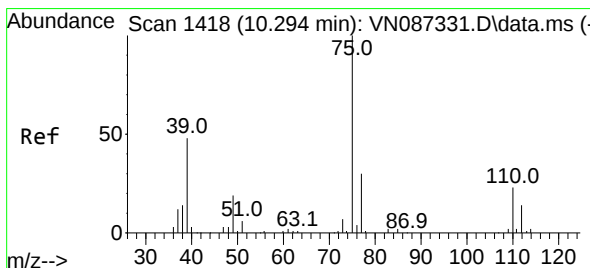
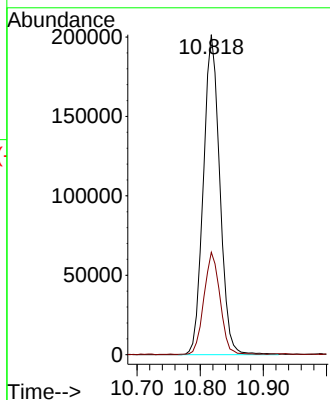
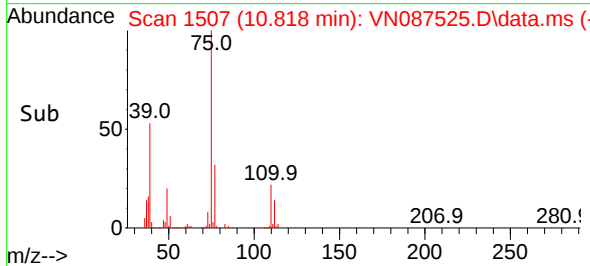
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 363863
Ion Ratio Lower Upper
75 100
77 31.9 23.6 35.4

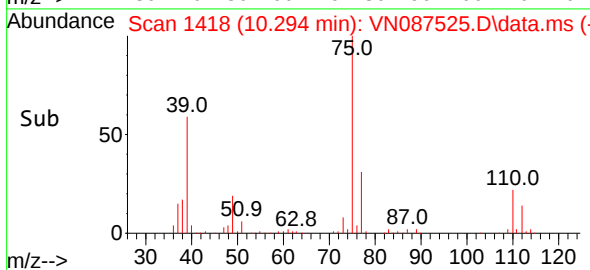
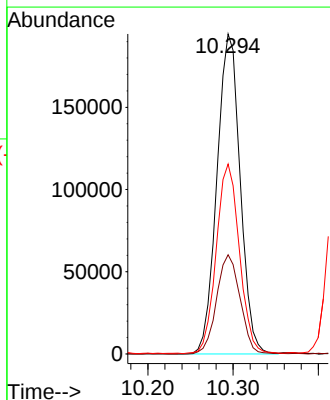
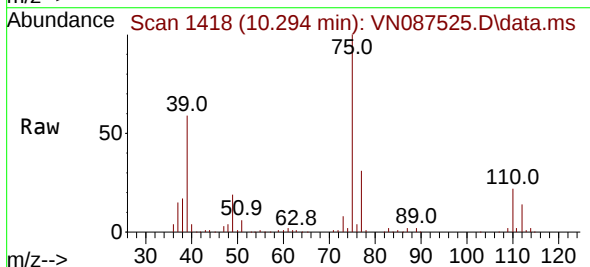
Manual Integrations
APPROVED

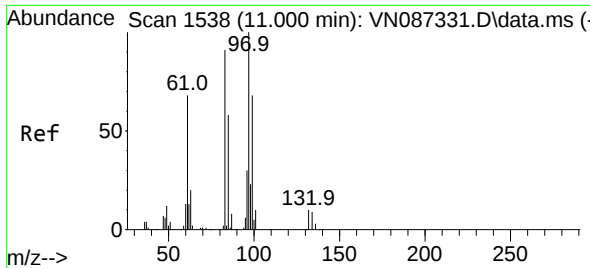
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#54
cis-1,3-Dichloropropene
Concen: 55.797 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

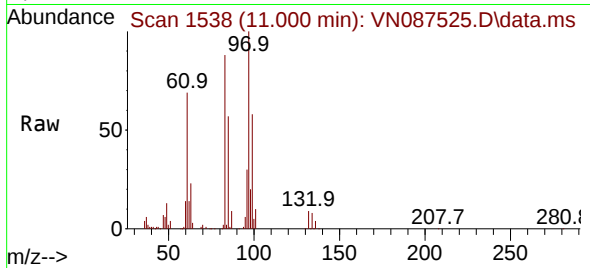
Tgt Ion: 75 Resp: 368848
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.2
39 59.1 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 52.209 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

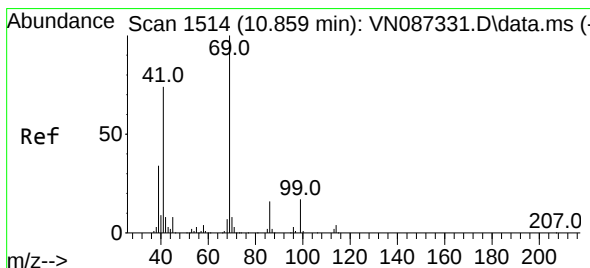
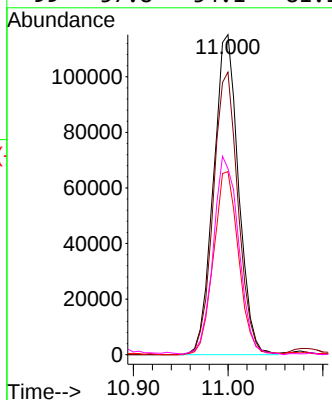
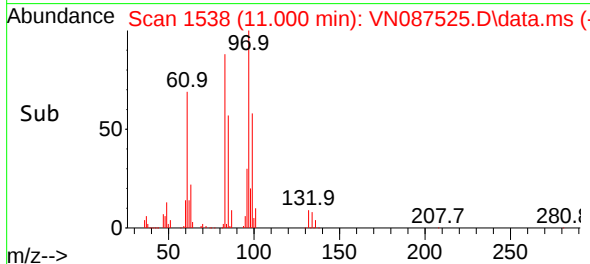
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



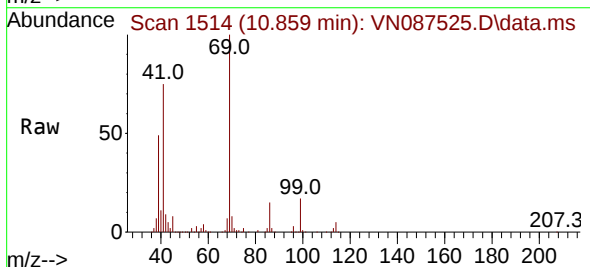
Tgt Ion: 97 Resp: 212009
Ion Ratio Lower Upper
97 100
83 88.3 72.6 109.0
85 57.2 46.7 70.1
99 57.8 54.1 81.1

Manual Integrations
APPROVED

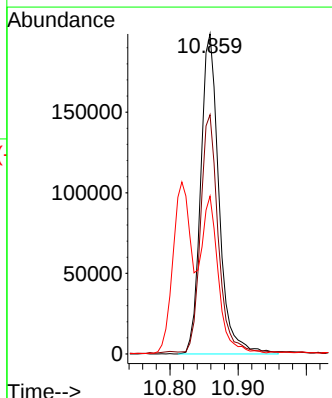
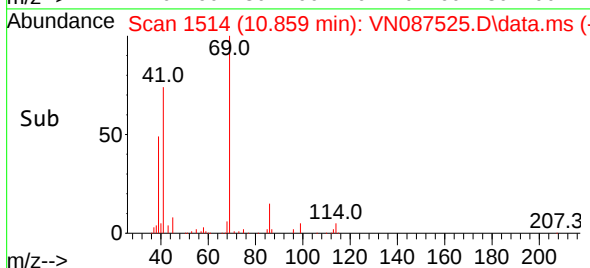
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

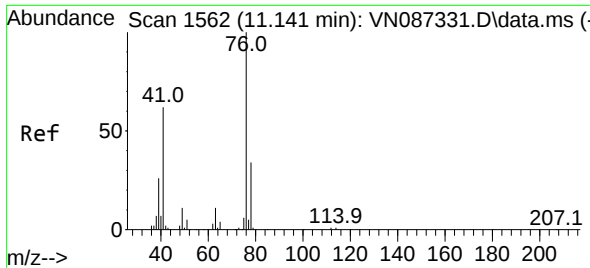


#56
Ethyl methacrylate
Concen: 54.181 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



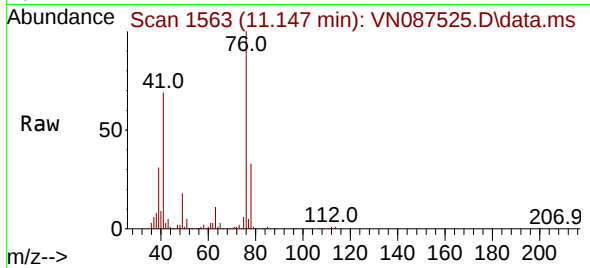
Tgt Ion: 69 Resp: 371269
Ion Ratio Lower Upper
69 100
41 71.7 55.1 82.7
39 42.5 27.9 41.9#





#57
1,3-Dichloropropane
Concen: 52.670 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

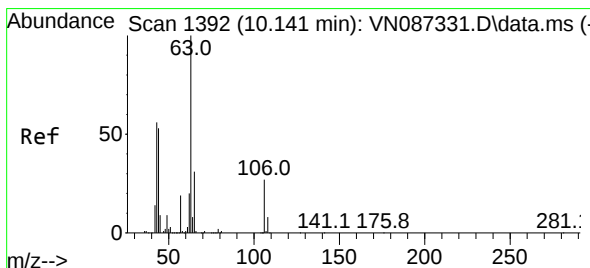
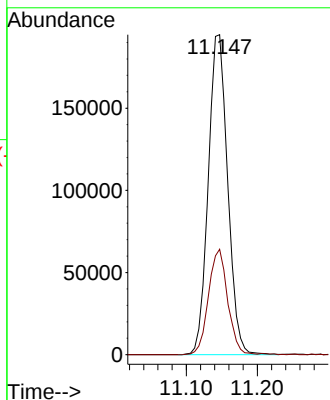
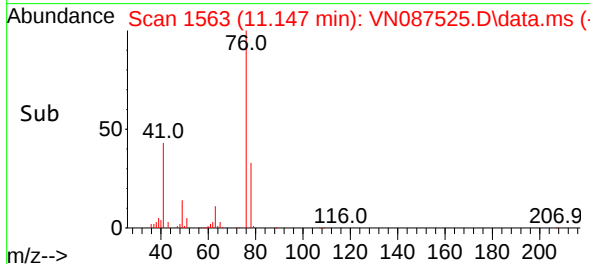
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 36979
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

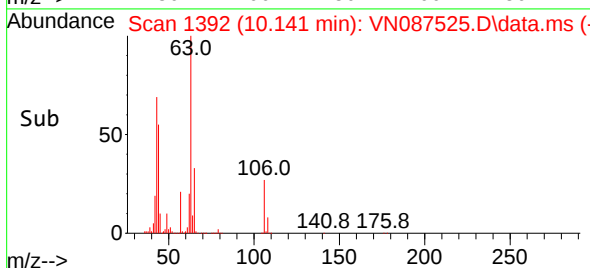
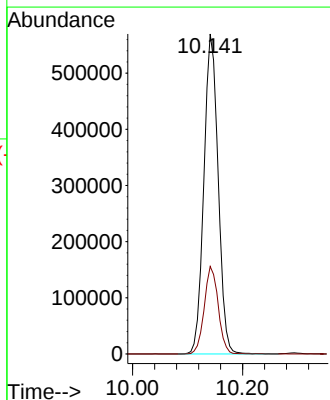
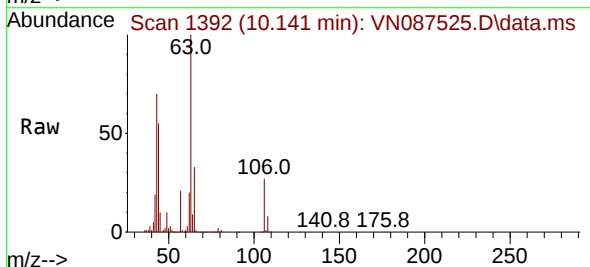
Manual Integrations
APPROVED

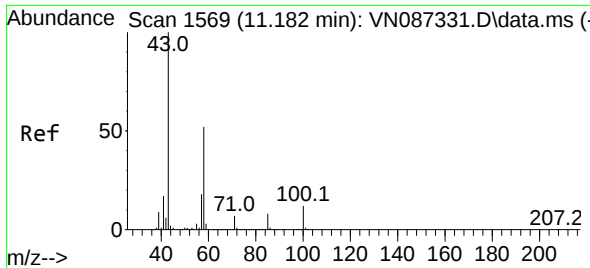
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 308.170 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

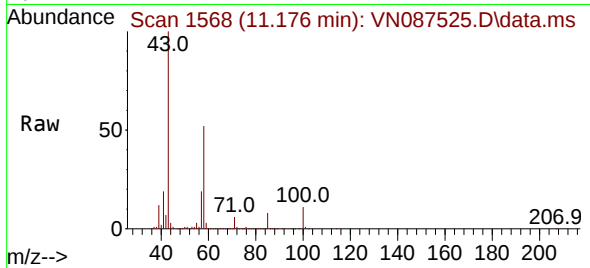
Tgt Ion: 63 Resp: 1026550
Ion Ratio Lower Upper
63 100
106 26.7 21.7 32.5





#59
2-Hexanone
Concen: 281.390 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

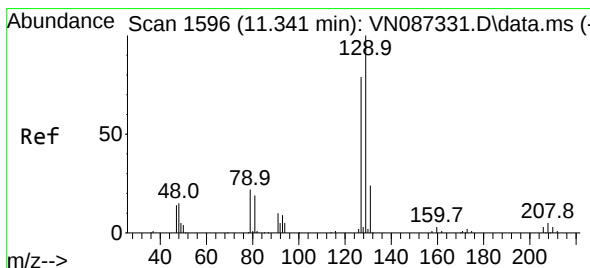
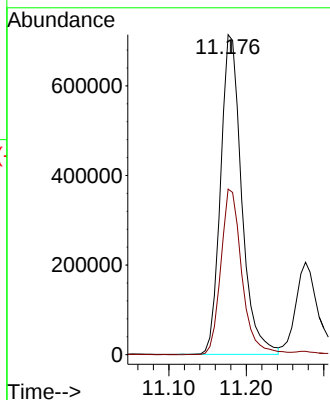
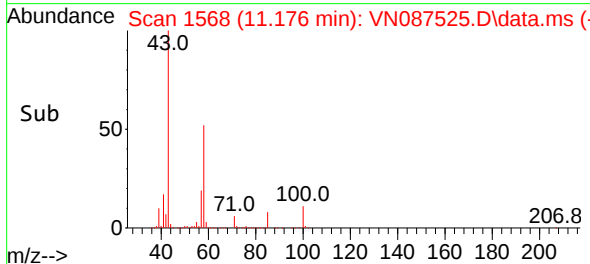
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1351630
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.0

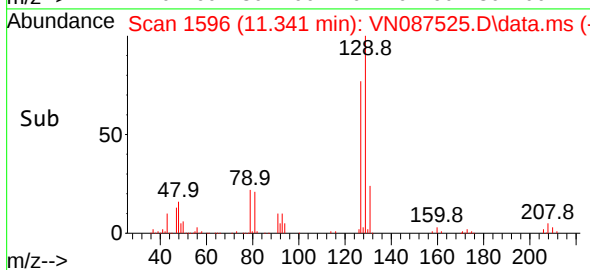
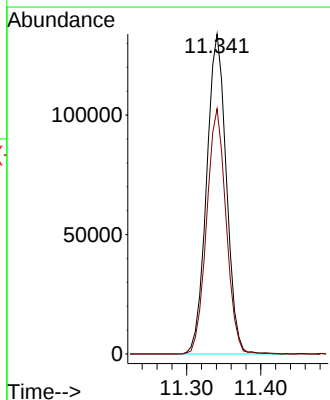
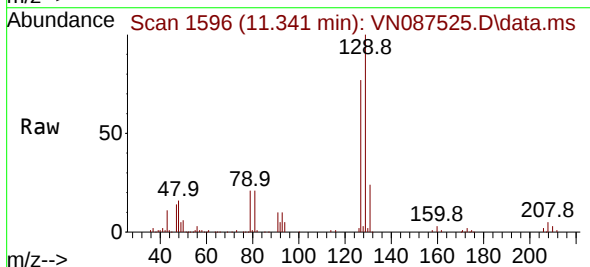
Manual Integrations
APPROVED

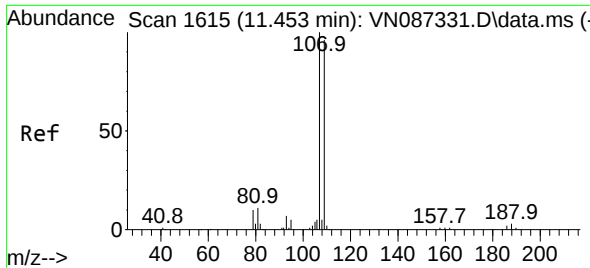
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 53.325 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

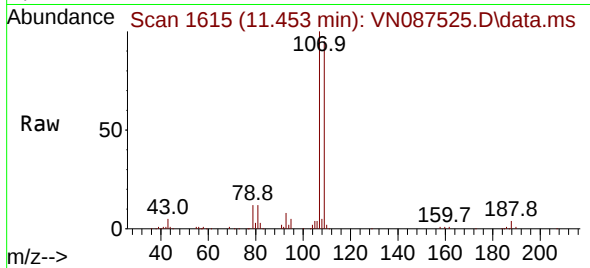
Tgt Ion:129 Resp: 246950
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 52.906 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

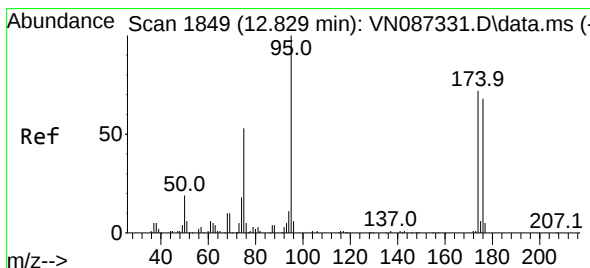
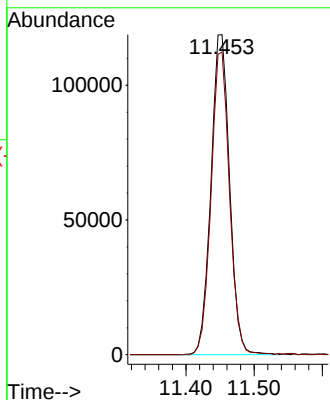
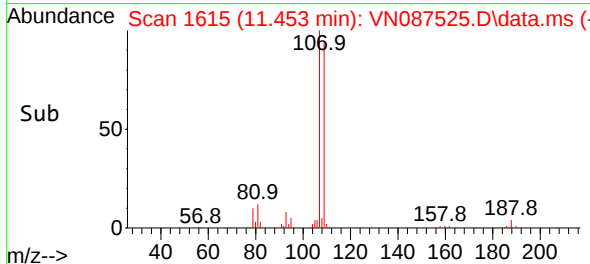
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



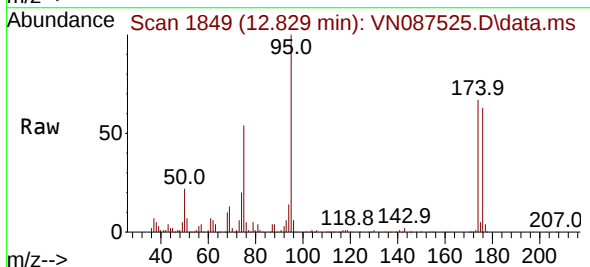
Tgt Ion:107 Resp: 225893
Ion Ratio Lower Upper
107 100
109 93.5 77.5 116.3

Manual Integrations
APPROVED

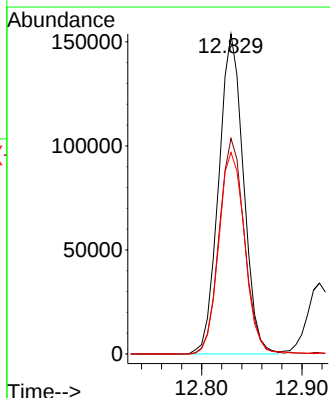
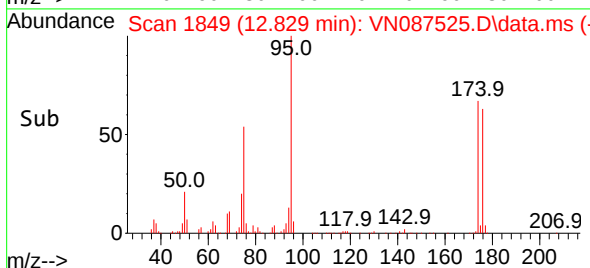
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

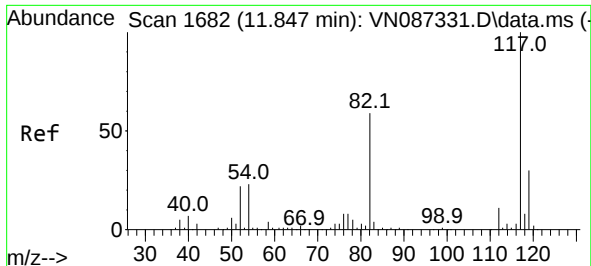


#62
4-Bromofluorobenzene
Concen: 51.735 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



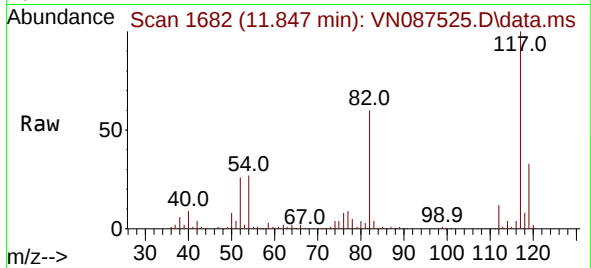
Tgt Ion: 95 Resp: 263490
Ion Ratio Lower Upper
95 100
174 68.5 0.0 149.4
176 66.0 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

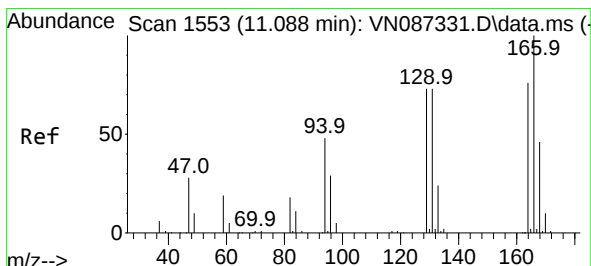
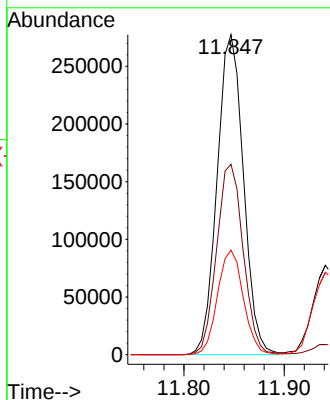
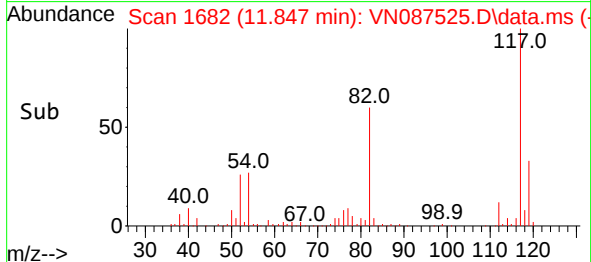
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 506480
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.6 23.8 35.8

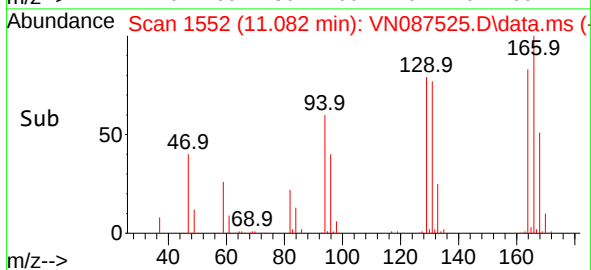
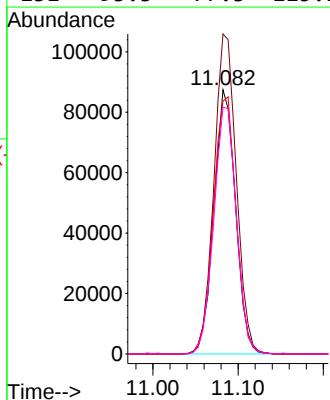
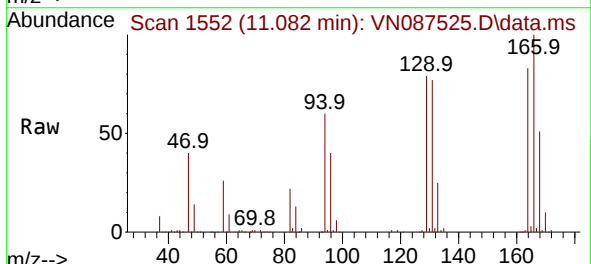
Manual Integrations
APPROVED

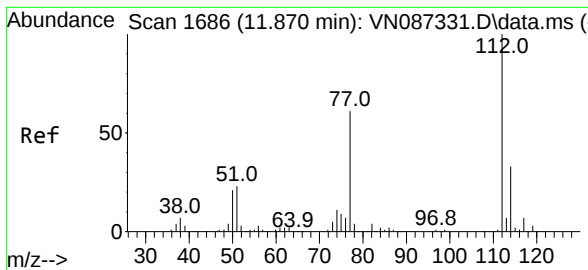
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 47.598 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:164 Resp: 155159
Ion Ratio Lower Upper
164 100
166 121.1 105.5 158.3
129 95.7 77.4 116.2
131 93.3 77.3 115.9





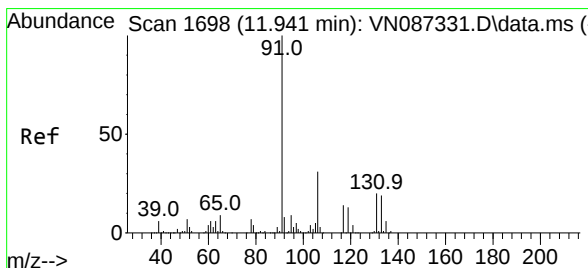
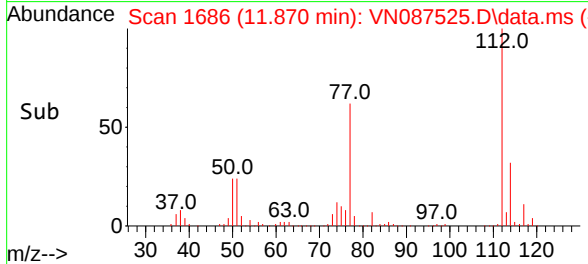
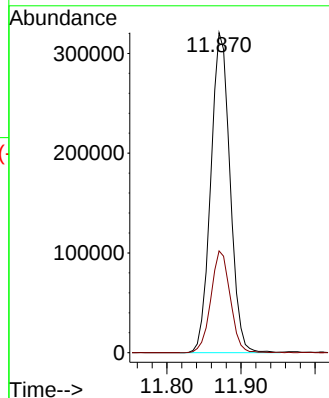
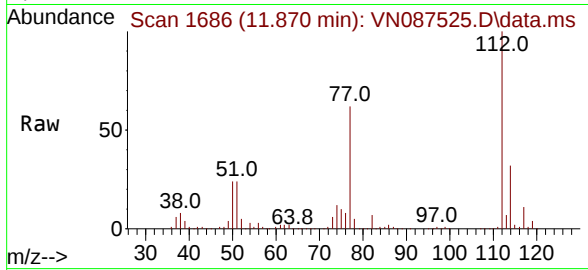
#65
Chlorobenzene
Concen: 50.858 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 578310
Ion Ratio Lower Upper
112 100
114 31.8 26.5 39.7

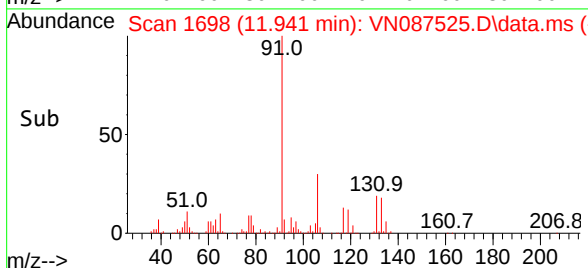
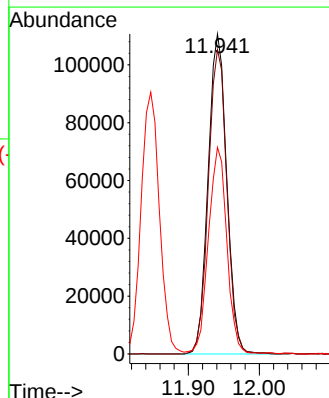
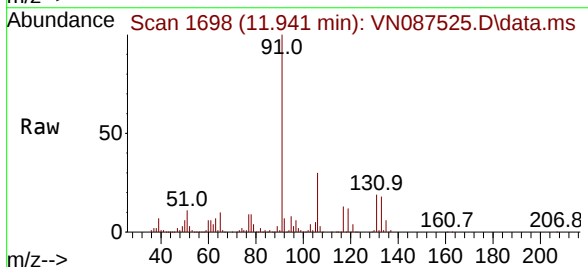
Manual Integrations
APPROVED

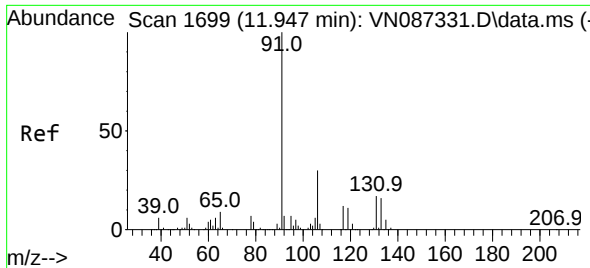
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.143 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

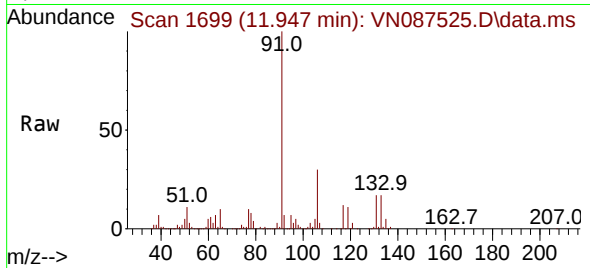
Tgt Ion:131 Resp: 201612
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.3
119 63.2 33.1 99.2





#67
Ethyl Benzene
Concen: 54.824 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

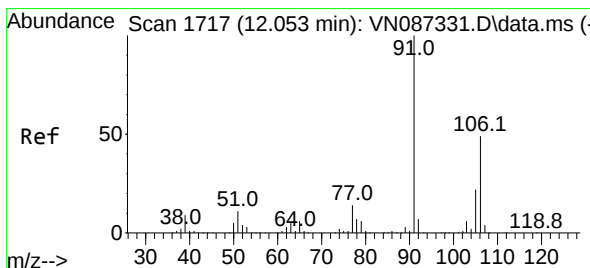
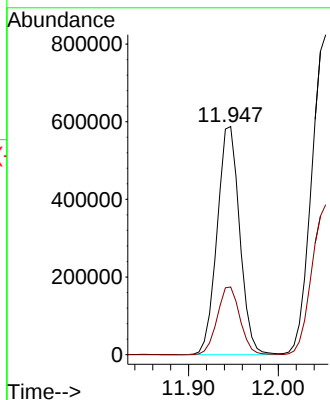
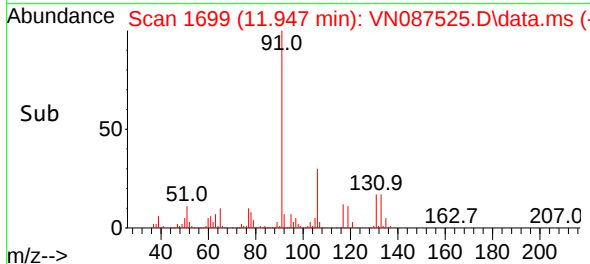
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



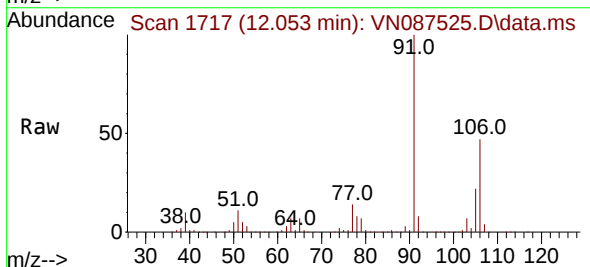
Tgt Ion: 91 Resp: 102628
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5

Manual Integrations
APPROVED

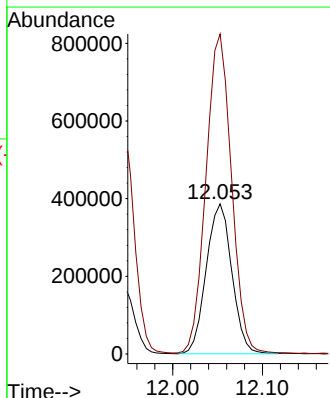
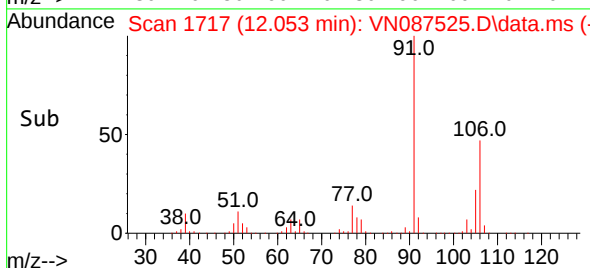
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

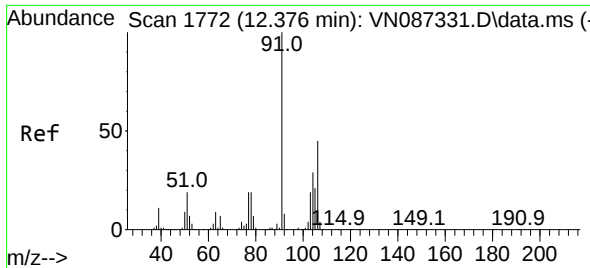


#68
m/p-Xylenes
Concen: 109.123 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



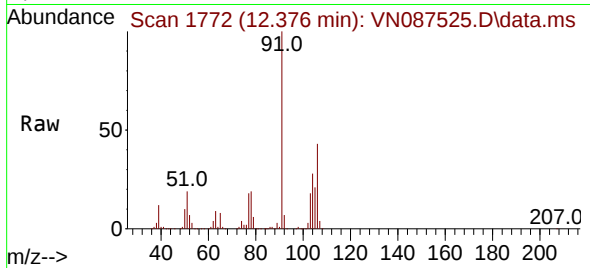
Tgt Ion:106 Resp: 764924
Ion Ratio Lower Upper
106 100
91 212.8 162.0 243.0





#69
o-Xylene
Concen: 55.701 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

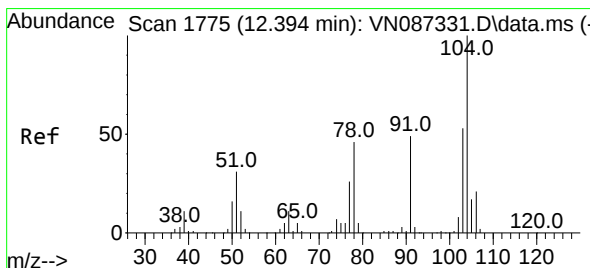
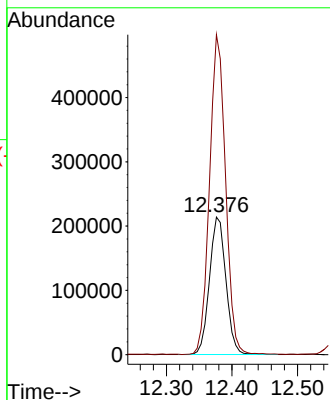
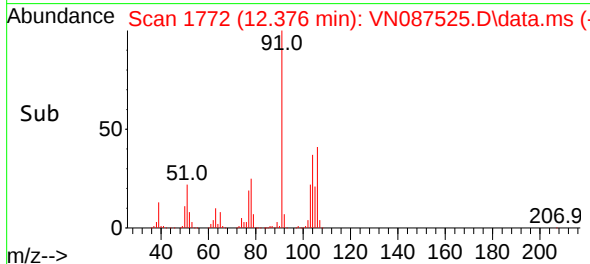
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 372969
Ion Ratio Lower Upper
106 100
91 226.4 107.7 323.3

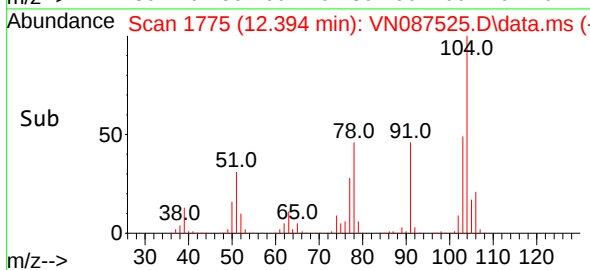
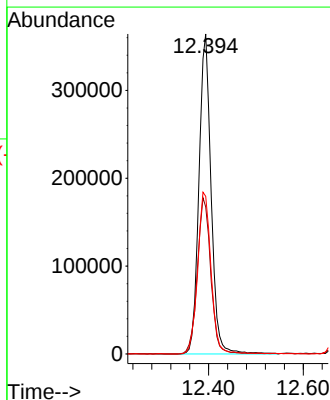
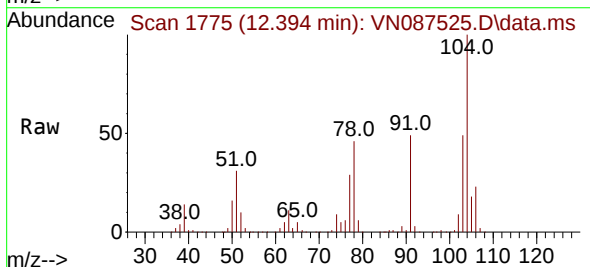
Manual Integrations
APPROVED

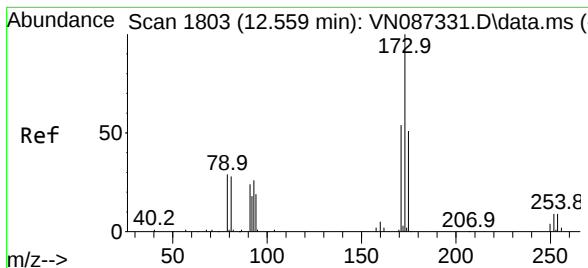
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 57.479 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

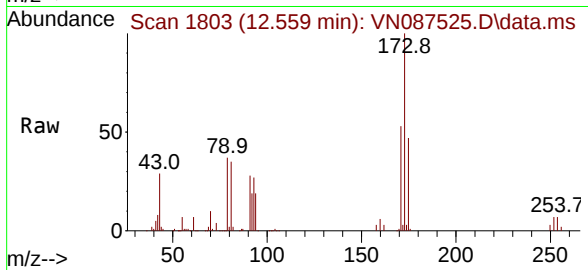
Tgt Ion:104 Resp: 647435
Ion Ratio Lower Upper
104 100
78 53.7 41.0 61.6
103 55.3 43.9 65.9





#71
Bromoform
Concen: 51.623 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

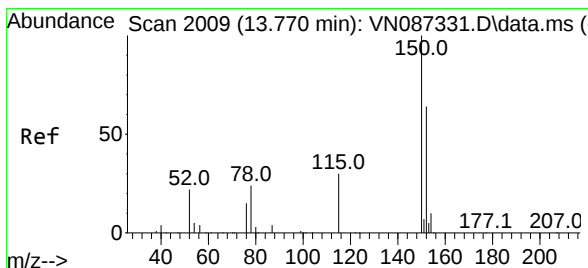
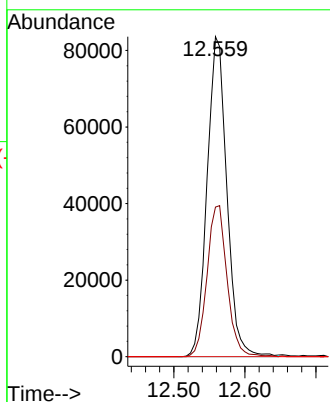
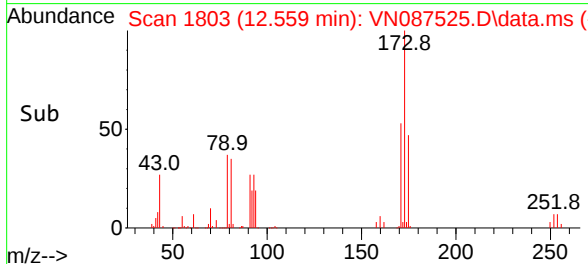
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



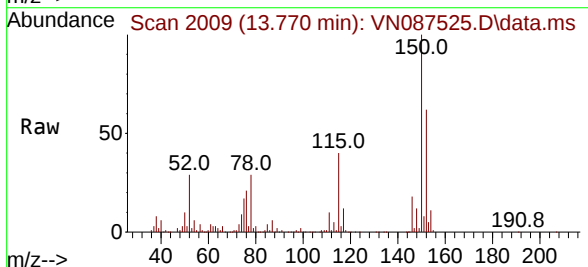
Tgt Ion:173 Resp: 16125
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

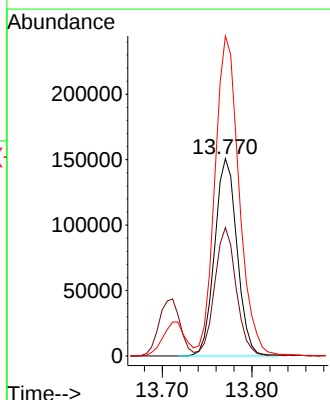
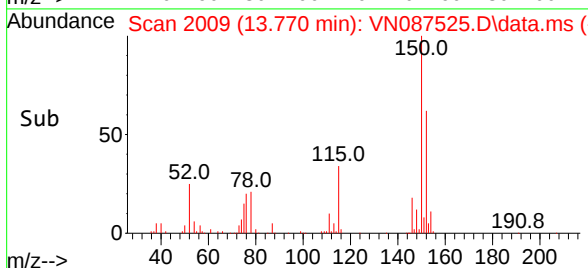
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

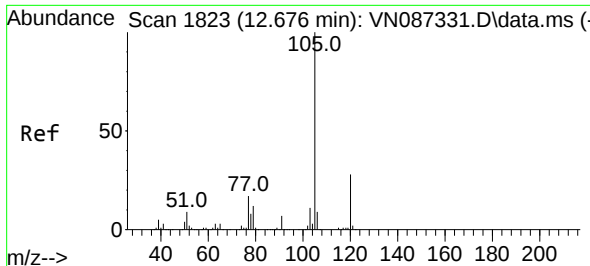


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



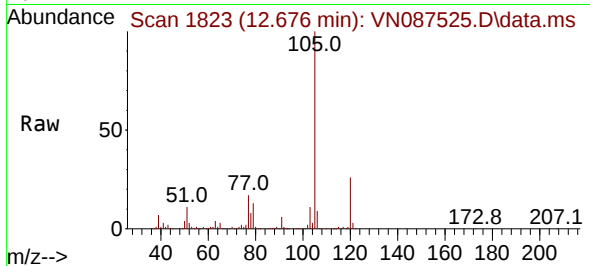
Tgt Ion:152 Resp: 261423
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.5
150 175.2 0.0 349.0





#73
Isopropylbenzene
Concen: 59.336 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

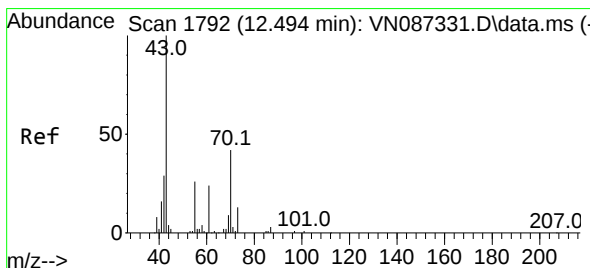
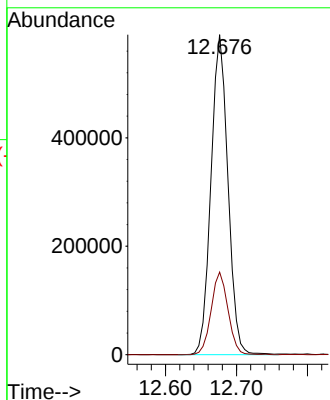
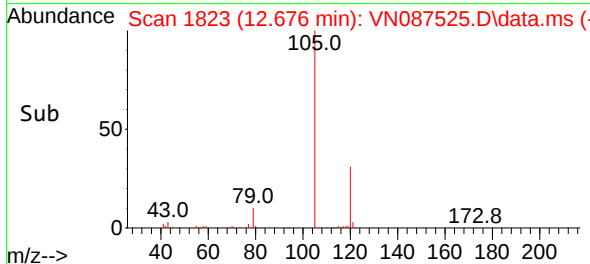
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 976275
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

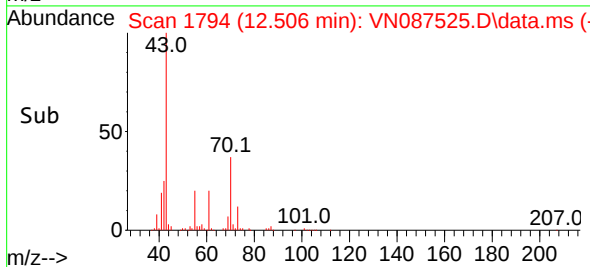
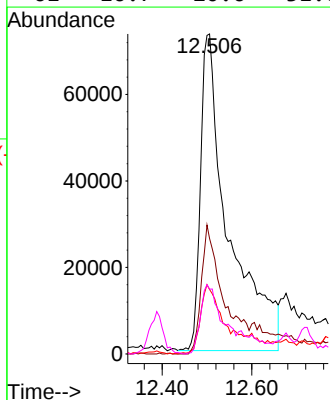
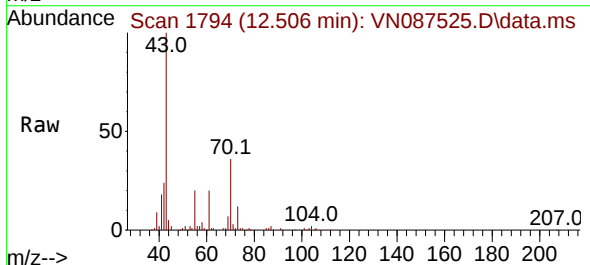
Manual Integrations
APPROVED

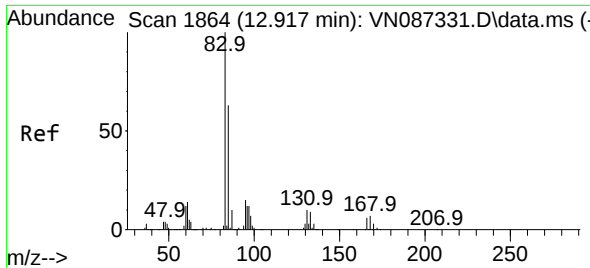
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#74
N-ethyl acetate
Concen: 46.390 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.012 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

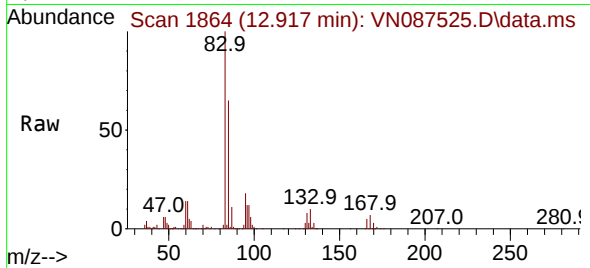
Tgt Ion: 43 Resp: 317125
Ion Ratio Lower Upper
43 100
70 32.3 37.6 56.4#
55 18.2 19.6 29.4#
61 16.7 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 54.508 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

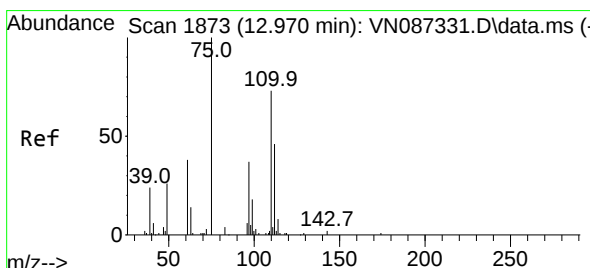
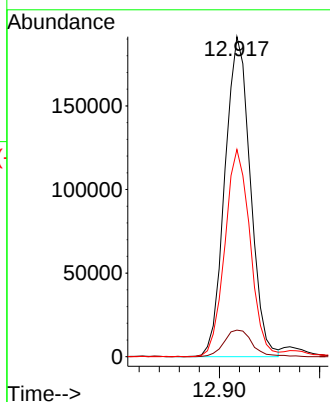
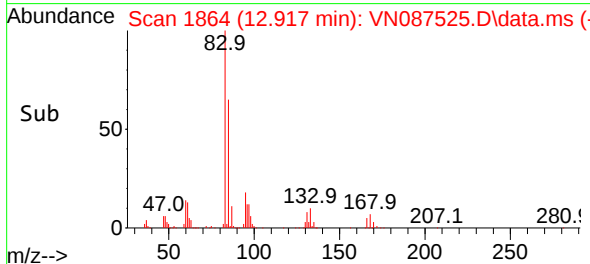
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 337468
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 64.2 32.5 97.4

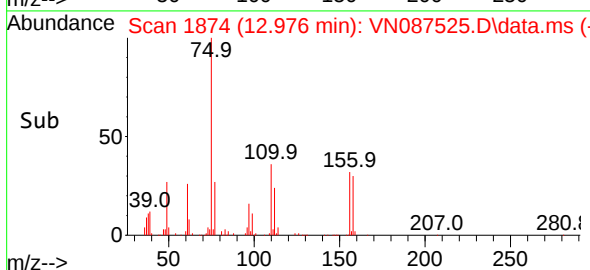
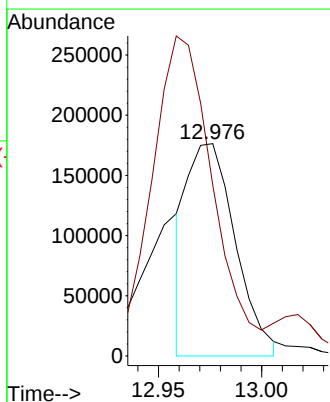
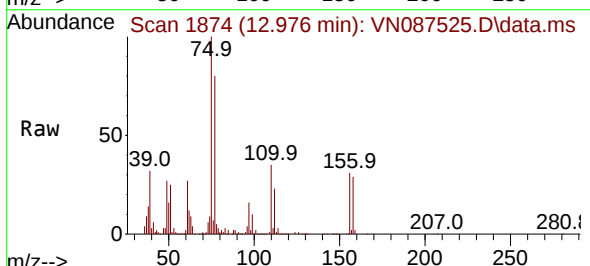
Manual Integrations
APPROVED

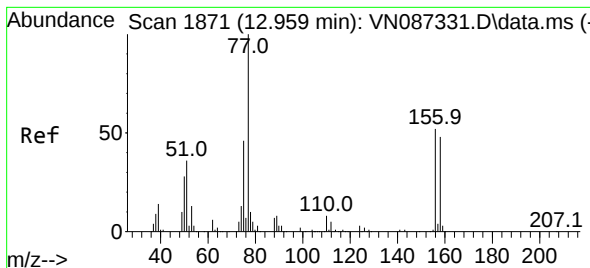
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#76
1,2,3-Trichloropropane
Concen: 48.934 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 286863
Ion Ratio Lower Upper
75 100
77 192.1 94.5 283.6





#77

Bromobenzene

Concen: 53.342 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087525.D

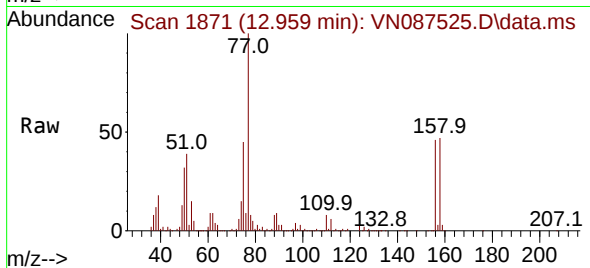
Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 227618

Ion Ratio Lower Upper

156 100

77 242.1 114.9 344.6

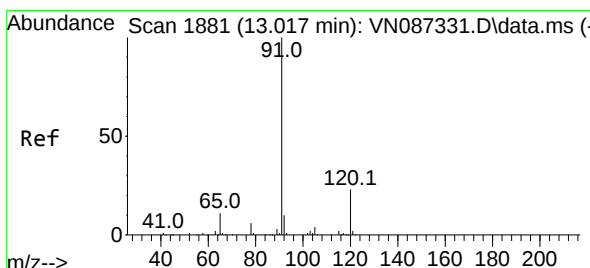
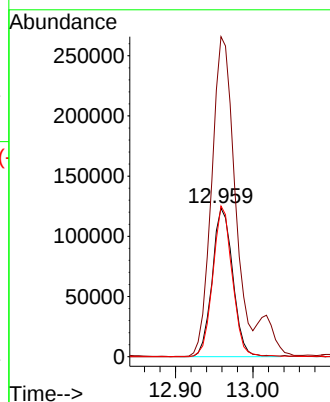
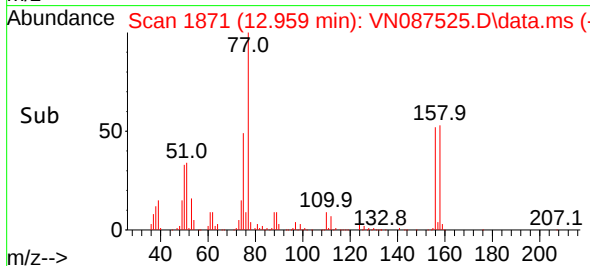
158 96.1 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#78

n-propylbenzene

Concen: 59.467 ug/l

RT: 13.017 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087525.D

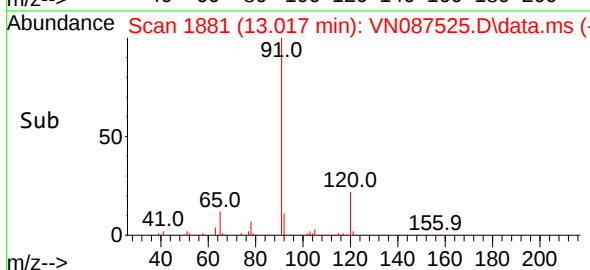
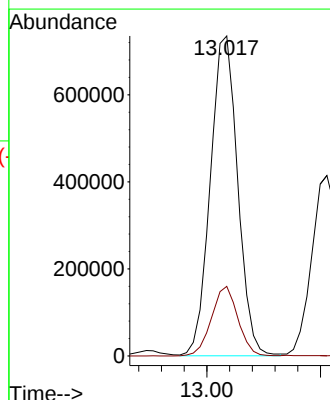
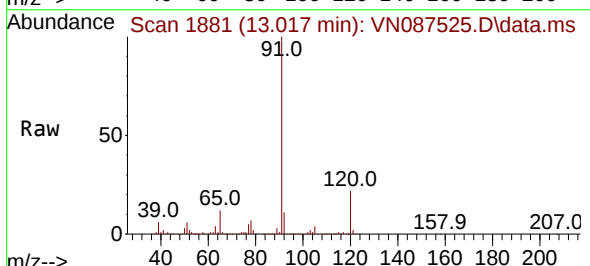
Acq: 13 Aug 2025 10:57

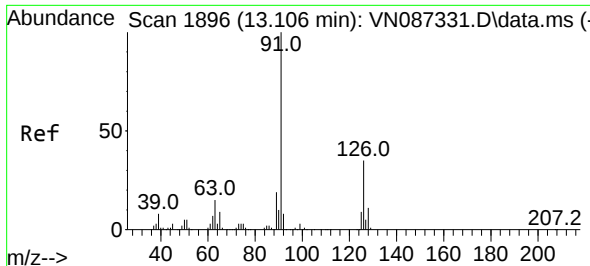
Tgt Ion: 91 Resp: 1231036

Ion Ratio Lower Upper

91 100

120 21.0 11.3 33.8





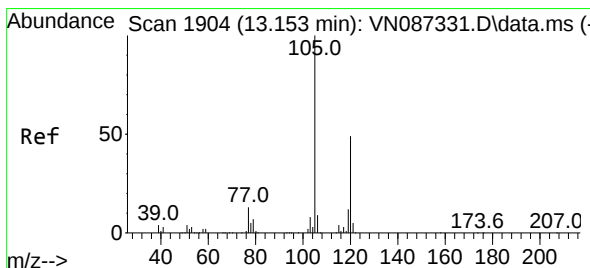
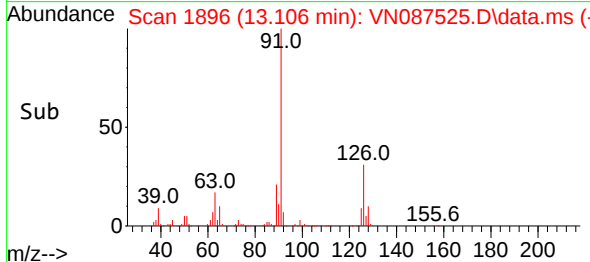
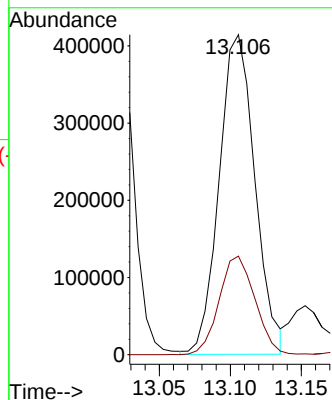
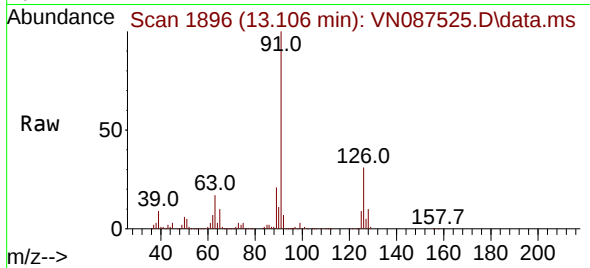
#79
2-Chlorotoluene
Concen: 57.031 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 72557
Ion Ratio Lower Upper
91 100
126 30.9 16.9 50.6

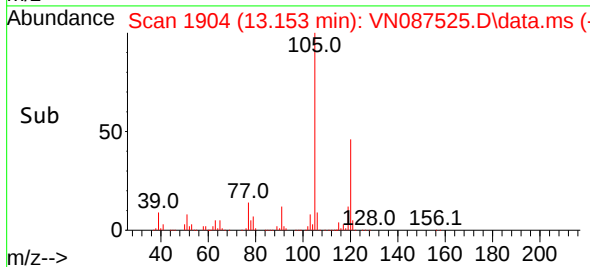
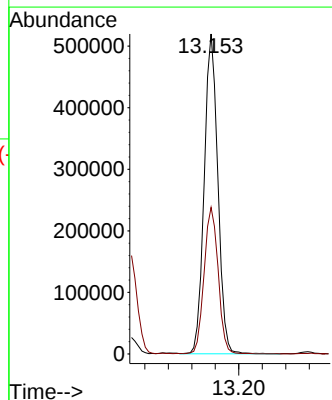
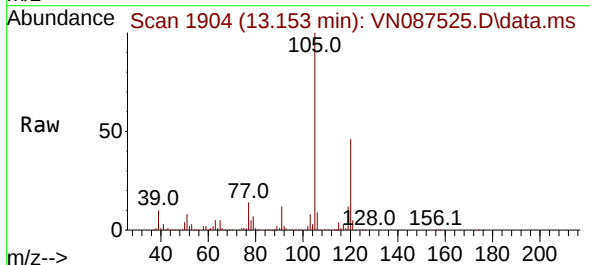
Manual Integrations
APPROVED

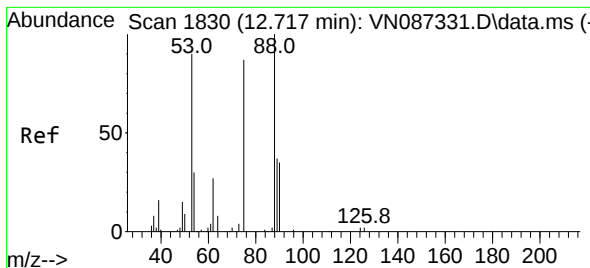
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 59.782 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

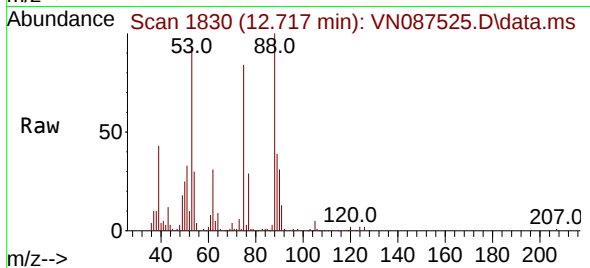
Tgt Ion:105 Resp: 838061
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.454 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

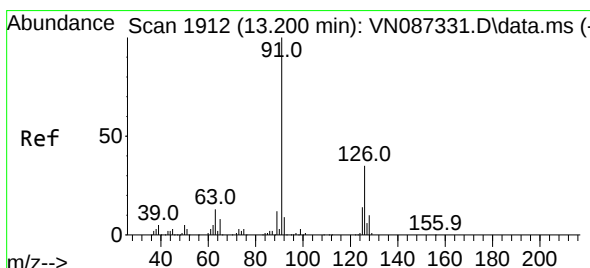
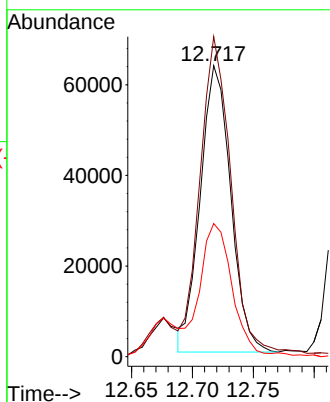
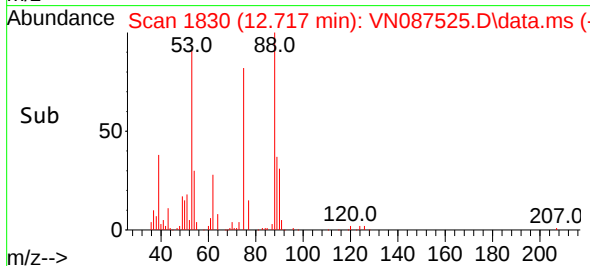
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 110240
Ion Ratio Lower Upper
75 100
53 115.9 83.5 125.3
89 51.0 38.4 57.6

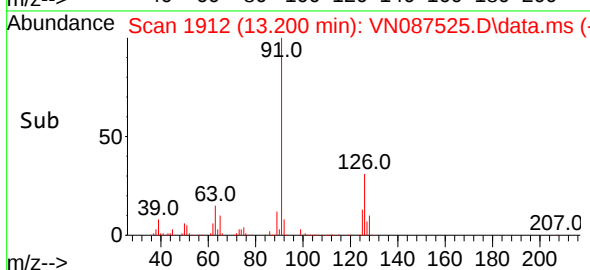
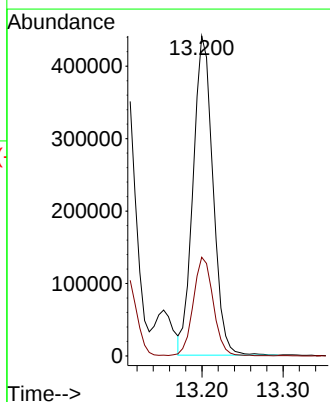
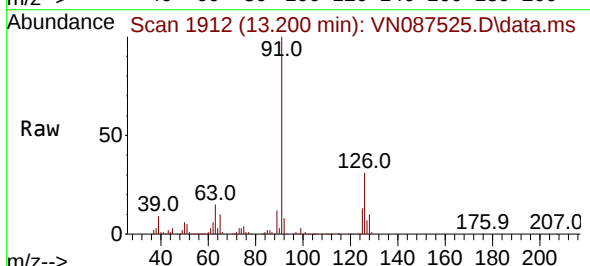
Manual Integrations
APPROVED

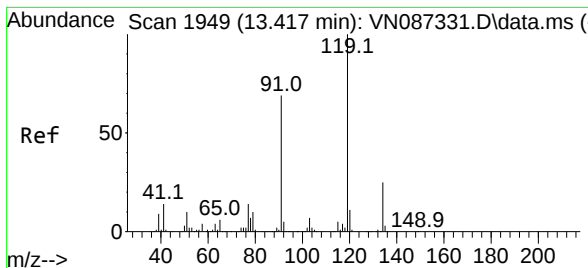
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 56.480 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

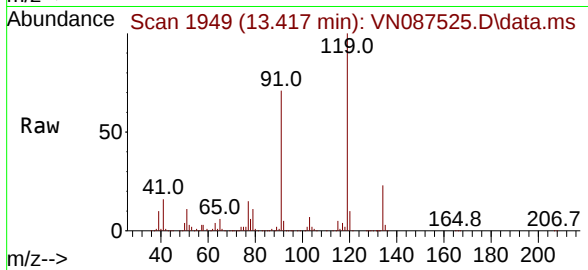
Tgt Ion: 91 Resp: 748122
Ion Ratio Lower Upper
91 100
126 31.2 16.6 49.7





#83
tert-Butylbenzene
Concen: 61.085 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

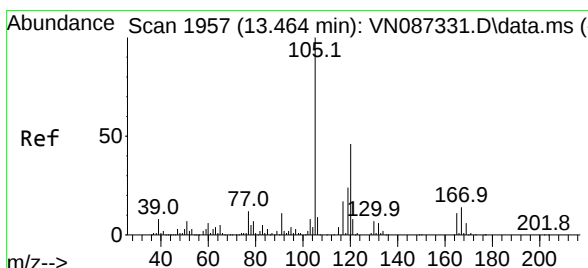
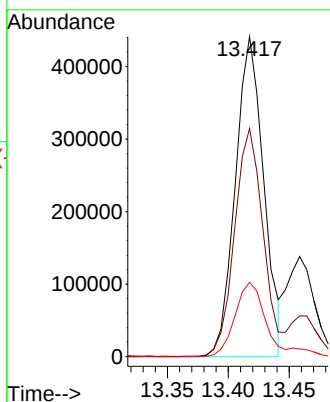
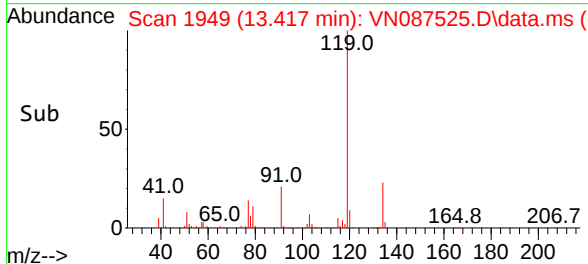
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



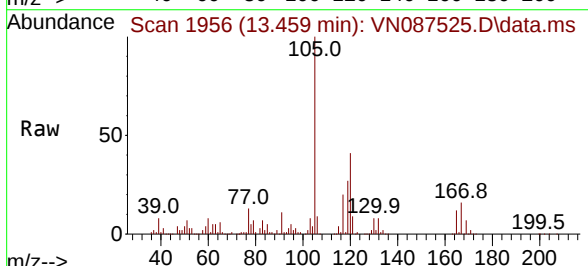
Tgt Ion:119 Resp: 71521
Ion Ratio Lower Upper
119 100
91 72.5 35.0 105.1
134 26.3 12.6 37.6

Manual Integrations
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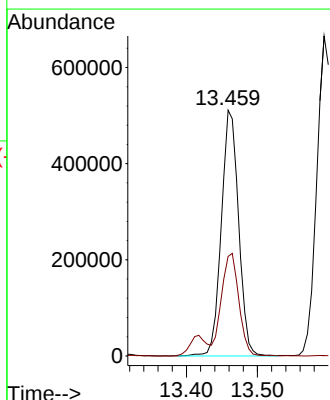
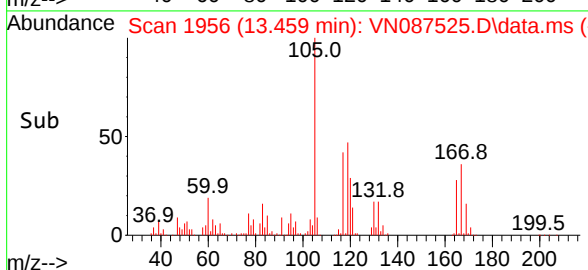
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

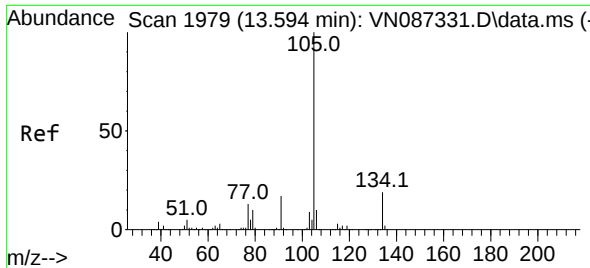


#84
1,2,4-Trimethylbenzene
Concen: 60.126 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



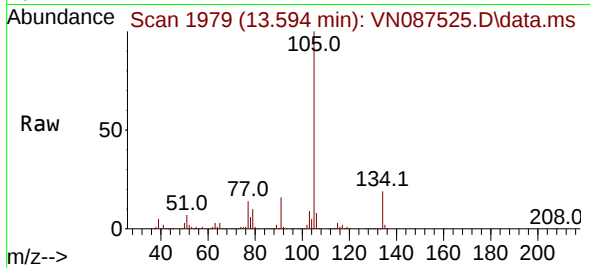
Tgt Ion:105 Resp: 860772
Ion Ratio Lower Upper
105 100
120 41.9 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 60.493 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087525.D
 Acq: 13 Aug 2025 10:57

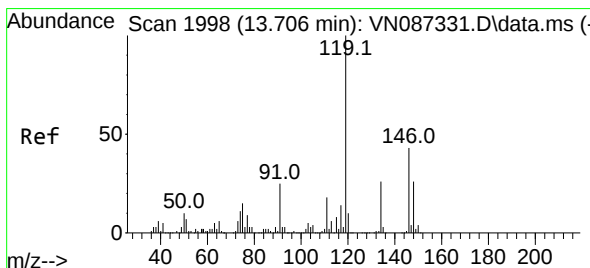
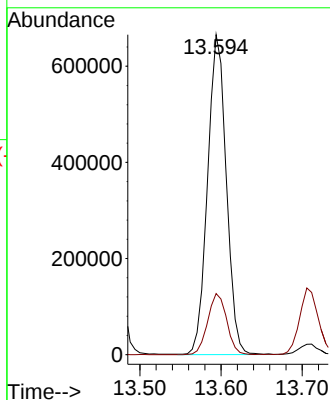
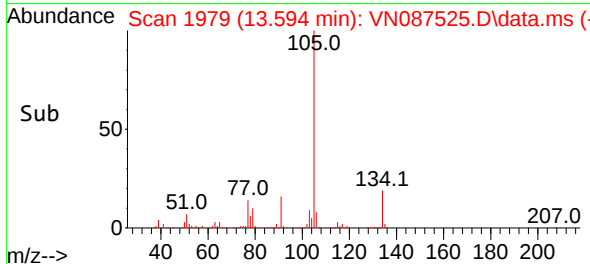
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



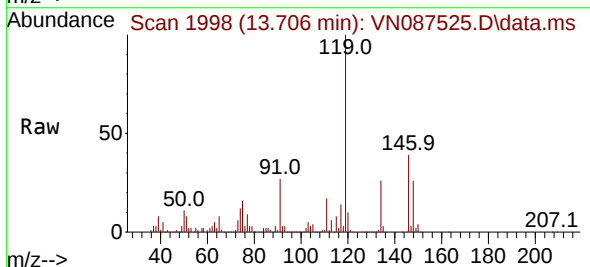
Tgt Ion:105 Resp: 1066860
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

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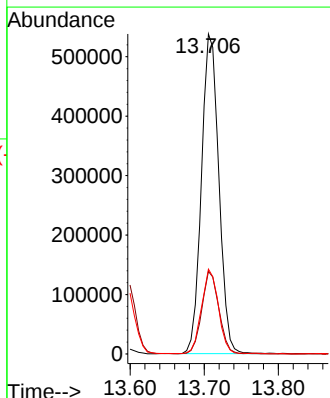
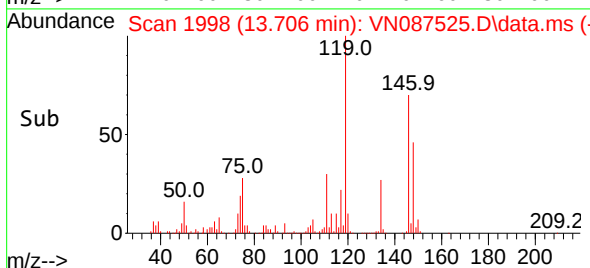
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

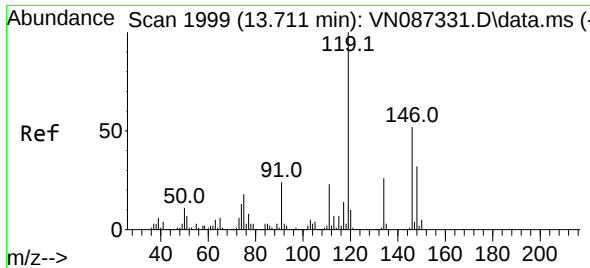


#86
 p-Isopropyltoluene
 Concen: 62.051 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087525.D
 Acq: 13 Aug 2025 10:57



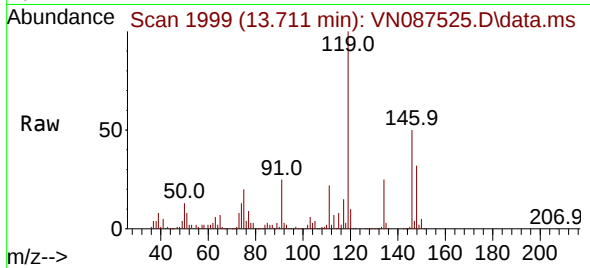
Tgt Ion:119 Resp: 877004
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.5 40.5
 91 25.8 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 52.590 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

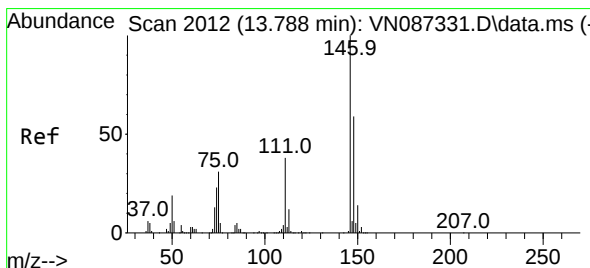
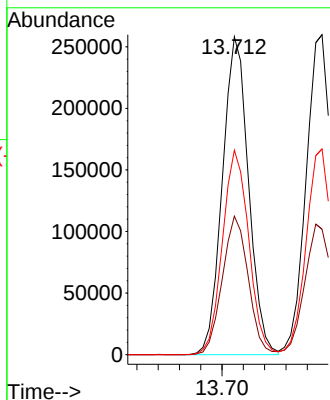
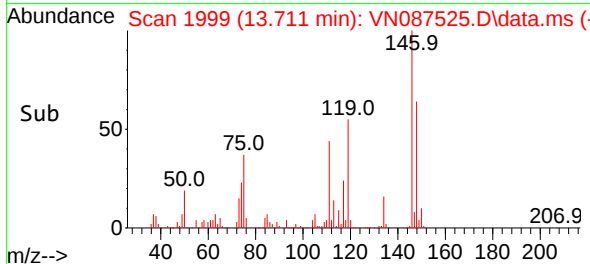
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



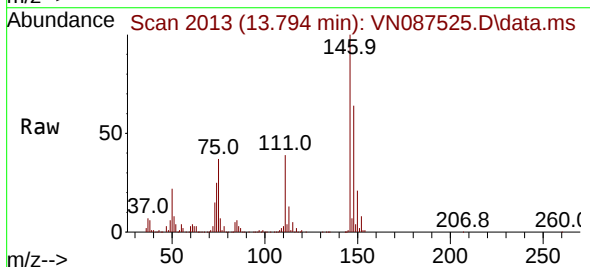
Tgt Ion:146 Resp: 44042
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 64.8 31.6 95.0

Manual Integrations
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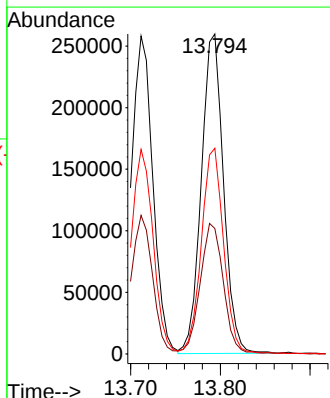
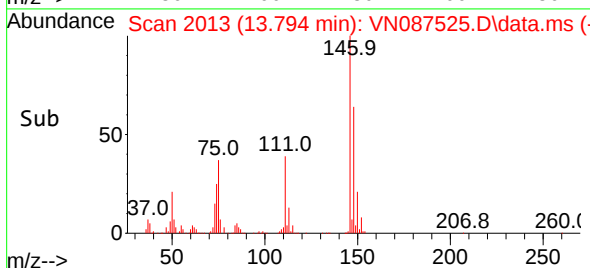
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

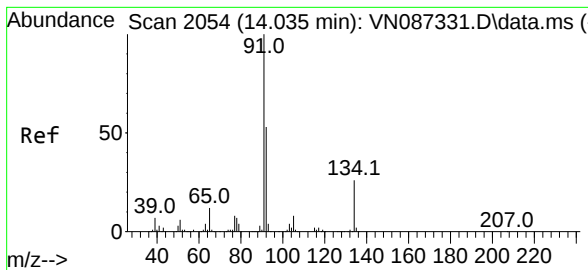


#88
1,4-Dichlorobenzene
Concen: 49.863 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



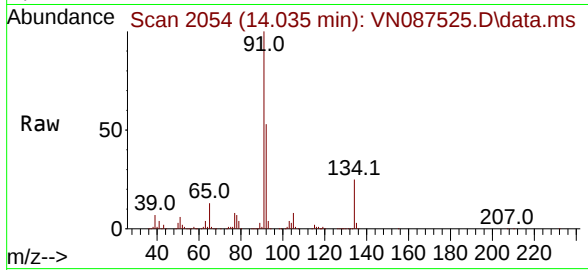
Tgt Ion:146 Resp: 445992
Ion Ratio Lower Upper
146 100
111 43.1 19.6 58.7
148 64.5 31.4 94.0





#89
n-Butylbenzene
Concen: 65.611 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

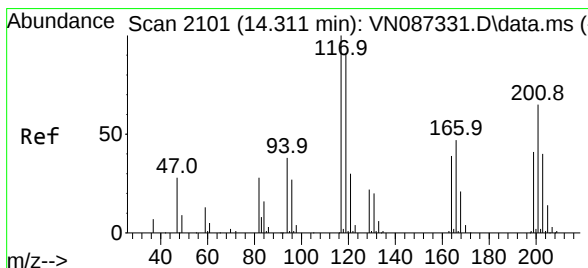
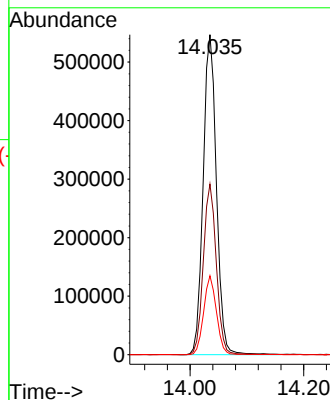
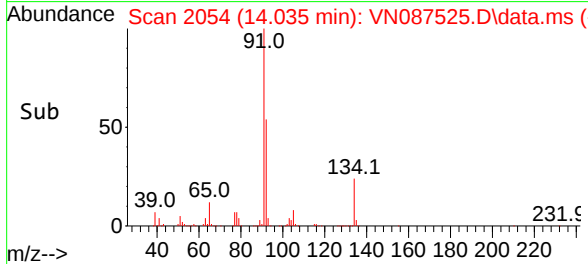
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 885464
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.6
134 23.6 12.4 37.2

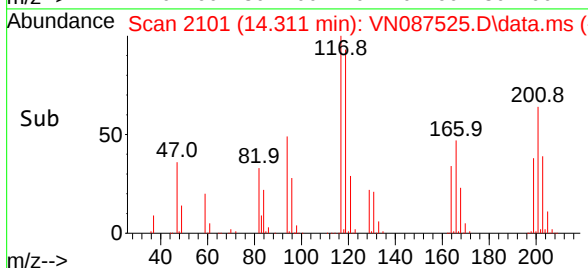
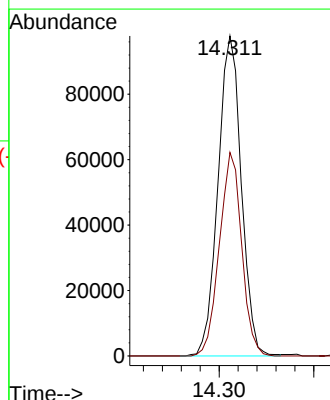
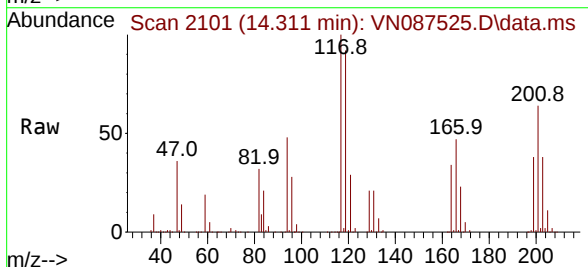
Manual Integrations
APPROVED

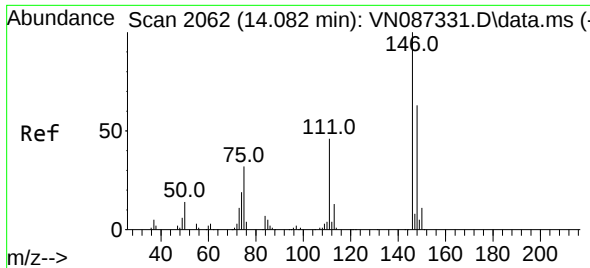
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 55.901 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

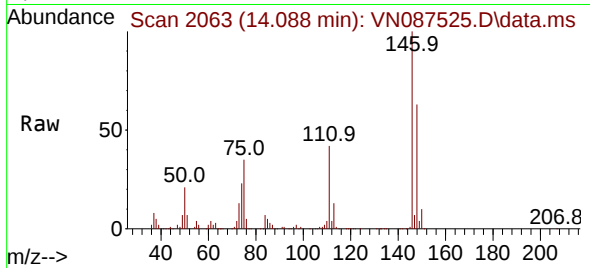
Tgt Ion:117 Resp: 167399
Ion Ratio Lower Upper
117 100
201 60.7 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 54.195 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

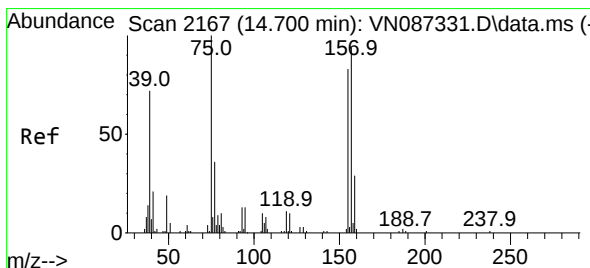
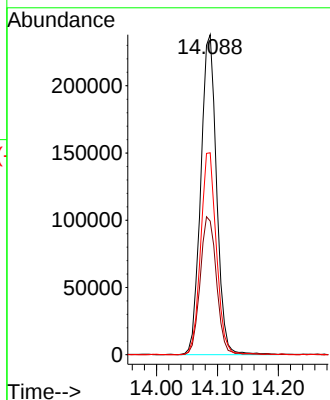
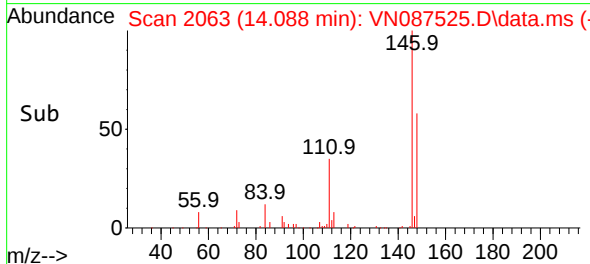
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



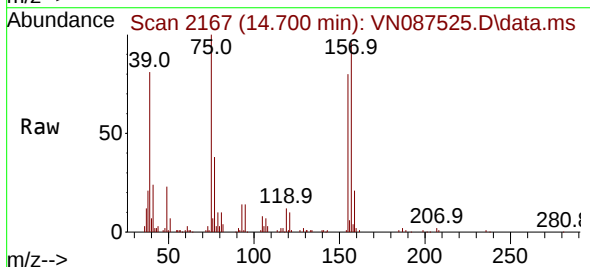
Tgt Ion:146 Resp: 429970
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 62.7 32.7 98.1

Manual Integrations
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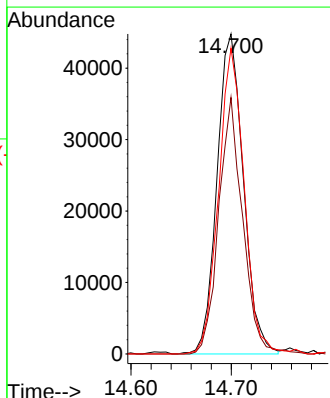
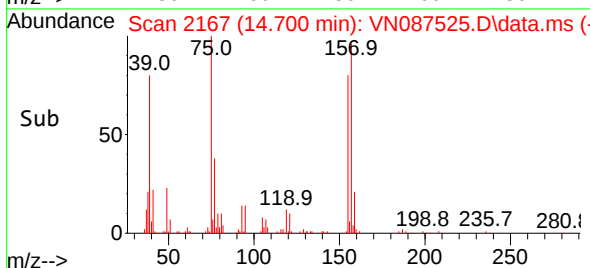
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

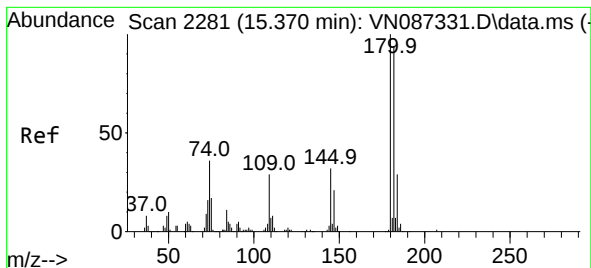


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.215 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57



Tgt Ion: 75 Resp: 81622
Ion Ratio Lower Upper
75 100
155 73.0 37.3 111.8
157 93.0 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 56.161 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087525.D

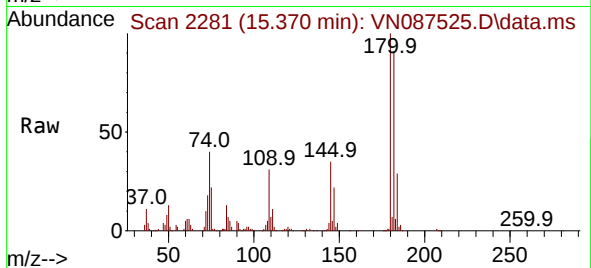
Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 26173

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

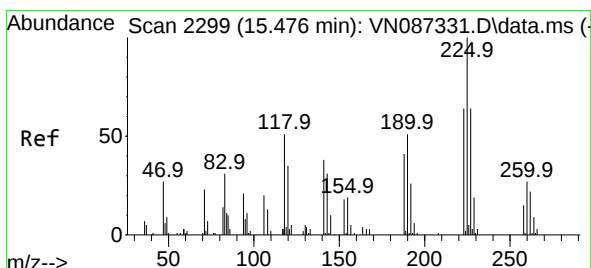
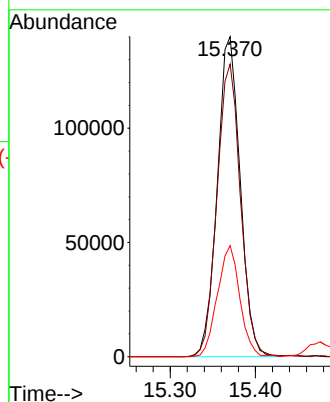
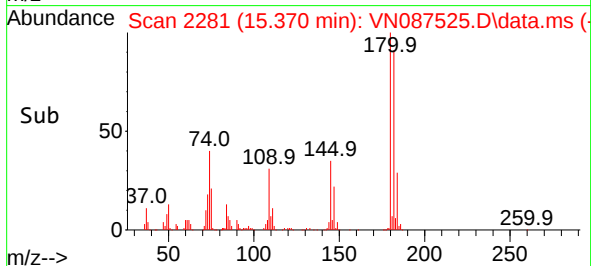
145 34.1 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#94

Hexachlorobutadiene

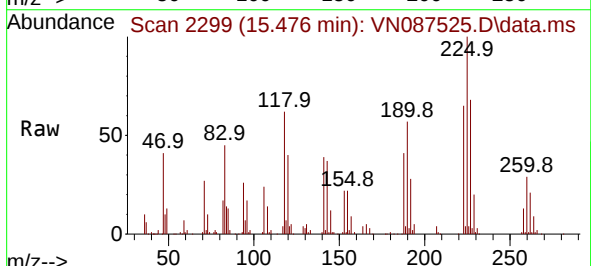
Concen: 57.185 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57



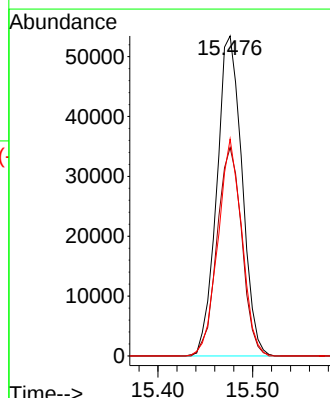
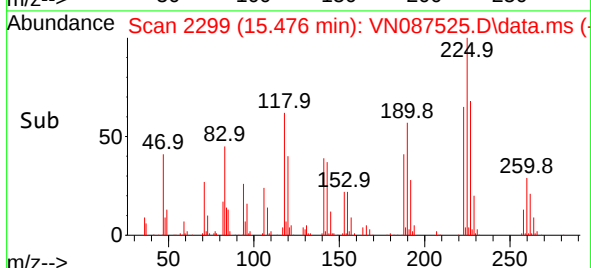
Tgt Ion:225 Resp: 99026

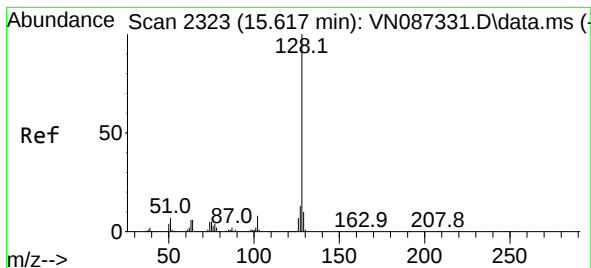
Ion Ratio Lower Upper

225 100

223 64.0 32.1 96.3

227 63.9 31.3 93.9





#95

Naphthalene

Concen: 58.414 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 96441

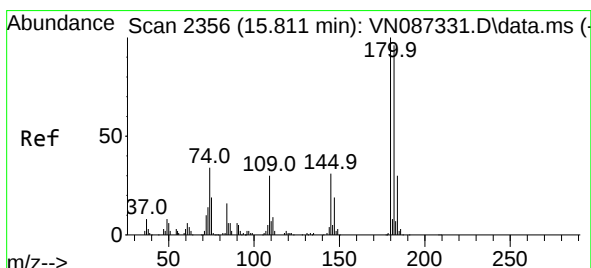
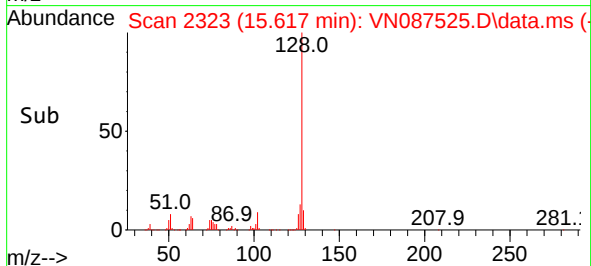
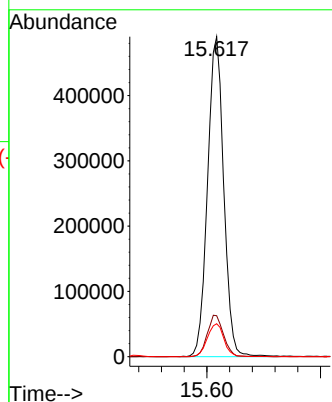
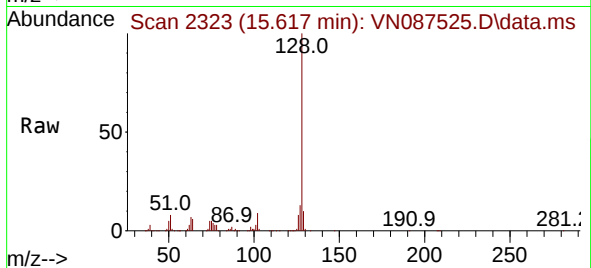
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.6	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.411 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Tgt Ion:180 Resp: 245014

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.1	141.4
145	36.3	16.9	50.6

