

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087933.D
 Acq On : 24 Sep 2025 08:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 25 03:04:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/25/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	248830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	449654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	427717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	229002	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	198172	47.323	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.147	113	153156	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	10.547	98	534595	46.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.829	95	193711	47.203	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	152106	52.784	ug/l	97
3) Chloromethane	2.383	50	159189	53.952	ug/l	99
4) Vinyl Chloride	2.536	62	156528	51.999	ug/l	100
5) Bromomethane	2.965	94	102943	55.162	ug/l	90
6) Chloroethane	3.130	64	104720	53.503	ug/l	89
7) Trichlorofluoromethane	3.506	101	261246	53.303	ug/l	93
8) Diethyl Ether	3.959	74	102573	55.397	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	138828	53.593	ug/l	97
10) Methyl Iodide	4.583	142	129576	55.579	ug/l	94
11) Tert butyl alcohol	5.524	59	183763	304.666	ug/l	99
12) 1,1-Dichloroethene	4.336	96	142121	54.374	ug/l	91
13) Acrolein	4.171	56	213073	275.317	ug/l	96
14) Allyl chloride	5.012	41	241727	56.807	ug/l	98
15) Acrylonitrile	5.706	53	543349	287.187	ug/l	99
16) Acetone	4.418	43	604093	350.611	ug/l	97
17) Carbon Disulfide	4.706	76	433401	53.071	ug/l	100
18) Methyl Acetate	5.018	43	254132	58.937	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	575243	56.339	ug/l	97
20) Methylene Chloride	5.265	84	184015	52.764	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	170912	53.340	ug/l	90
22) Diisopropyl ether	6.659	45	569397	57.320	ug/l	94
23) Vinyl Acetate	6.589	43	2625589	313.916	ug/l	99
24) 1,1-Dichloroethane	6.547	63	319963	55.133	ug/l	99
25) 2-Butanone	7.471	43	822314	312.253	ug/l	99
26) 2,2-Dichloropropane	7.477	77	290553	56.350	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	209787	55.025	ug/l	99
28) Bromochloromethane	7.800	49	142169	45.088	ug/l	100
29) Tetrahydrofuran	7.824	42	497430	294.990	ug/l	99
30) Chloroform	7.947	83	349670	55.104	ug/l	96
31) Cyclohexane	8.236	56	247642	52.737	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	298325	55.638	ug/l	97
36) 1,1-Dichloropropene	8.353	75	223041	56.816	ug/l	98
37) Ethyl Acetate	7.547	43	289500	56.159	ug/l	100
38) Carbon Tetrachloride	8.341	117	248492	55.163	ug/l	99
39) Methylcyclohexane	9.582	83	246611	56.946	ug/l	98
40) Benzene	8.588	78	736971	56.698	ug/l	99

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Quant Time: Sep 25 03:04:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

09/25/2025
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	150285	56.412	ug/l	95
42) 1,2-Dichloroethane	8.653	62	263356	54.293	ug/l	99
43) Isopropyl Acetate	8.671	43	473782	58.388	ug/l	100
44) Trichloroethene	9.330	130	172123	55.438	ug/l	95
45) 1,2-Dichloropropane	9.600	63	177676	54.513	ug/l	99
46) Dibromomethane	9.688	93	142752	55.506	ug/l	98
47) Bromodichloromethane	9.865	83	286880	56.872	ug/l	100
48) Methyl methacrylate	9.665	41	222006	59.080	ug/l	95
49) 1,4-Dioxane	9.682	88	71185	1282.318	ug/l #	82
51) 4-Methyl-2-Pentanone	10.424	43	1500300	296.306	ug/l	99
52) Toluene	10.612	92	459785	56.369	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	299223	57.959	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	310488	57.906	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	184053	55.496	ug/l	94
56) Ethyl methacrylate	10.853	69	290699	60.661	ug/l	97
57) 1,3-Dichloropropane	11.141	76	307756	56.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	734787	326.109	ug/l	99
59) 2-Hexanone	11.176	43	1087701	324.882	ug/l	99
60) Dibromochloromethane	11.335	129	221692	56.853	ug/l	99
61) 1,2-Dibromoethane	11.447	107	194728	55.462	ug/l	98
64) Tetrachloroethene	11.082	164	141444	54.289	ug/l	96
65) Chlorobenzene	11.871	112	511312	56.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	187847	57.229	ug/l	97
67) Ethyl Benzene	11.941	91	874275	57.564	ug/l	99
68) m/p-Xylenes	12.047	106	683023	117.587	ug/l	100
69) o-Xylene	12.376	106	322891	57.859	ug/l	98
70) Styrene	12.388	104	563415	58.783	ug/l	99
71) Bromoform	12.559	173	156007	58.583	ug/l #	98
73) Isopropylbenzene	12.676	105	831337	58.574	ug/l	100
74) N-amyl acetate	12.500	43	220526m	47.157	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	281676	55.082	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	231978m	51.389	ug/l	
77) Bromobenzene	12.959	156	216293	57.277	ug/l	99
78) n-propylbenzene	13.012	91	1027023	57.877	ug/l	99
79) 2-Chlorotoluene	13.100	91	617760	57.175	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	717763	58.467	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	112243	69.046	ug/l	85
82) 4-Chlorotoluene	13.200	91	639502	58.739	ug/l	99
83) tert-Butylbenzene	13.418	119	620694	59.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	749831	59.548	ug/l	99
85) sec-Butylbenzene	13.594	105	900743	59.124	ug/l	99
86) p-Isopropyltoluene	13.706	119	757709	58.723	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	423962	57.532	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	431567	56.986	ug/l	96
89) n-Butylbenzene	14.035	91	713339	58.499	ug/l	99
90) Hexachloroethane	14.306	117	147691	54.796	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	396826	55.866	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	63654	53.571	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	239951	57.214	ug/l	98
94) Hexachlorobutadiene	15.476	225	85034	55.087	ug/l	98
95) Naphthalene	15.611	128	798683	59.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	238078	58.392	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

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

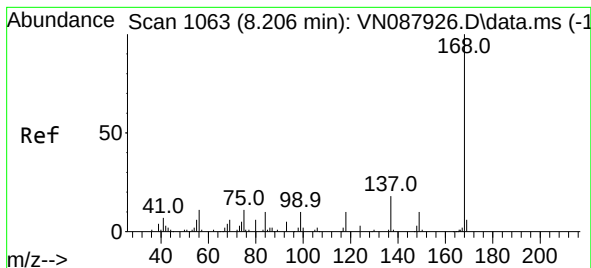
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Manual Integrations APPROVED

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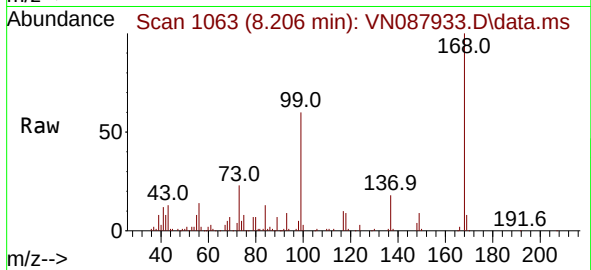
09/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
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ClientSampleId :
VSTDCCC050



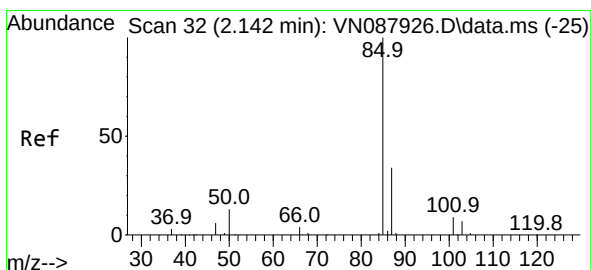
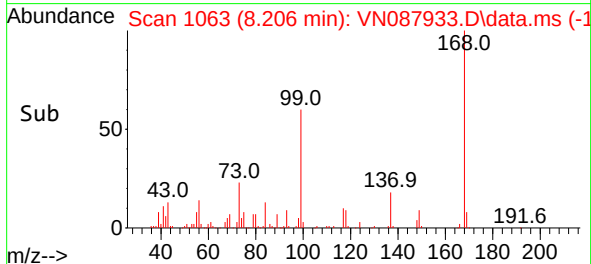
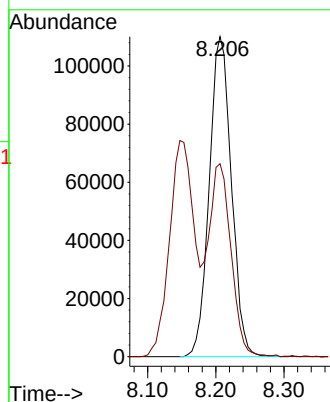
Tgt Ion:168 Resp: 248830
Ion Ratio Lower Upper
168 100
99 60.3 52.2 78.2

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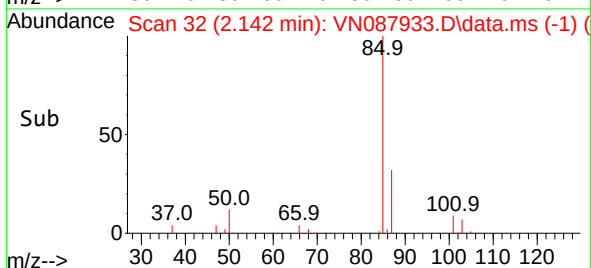
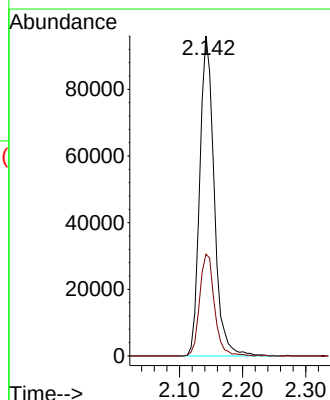
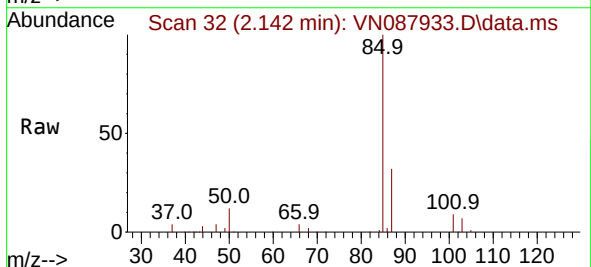
09/25/2025
Supervised By :Mahesh
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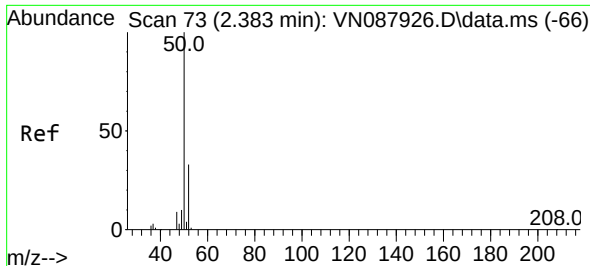
09/26/2025



#2
Dichlorodifluoromethane
Concen: 52.784 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

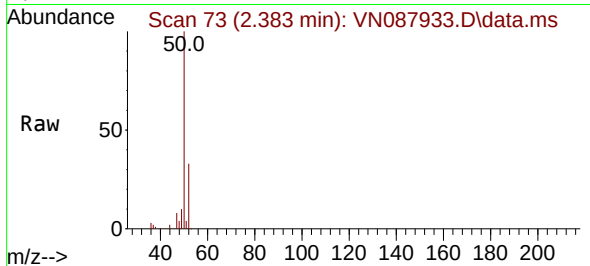
Tgt Ion: 85 Resp: 152106
Ion Ratio Lower Upper
85 100
87 31.8 16.9 50.6





#3
Chloromethane
Concen: 53.952 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



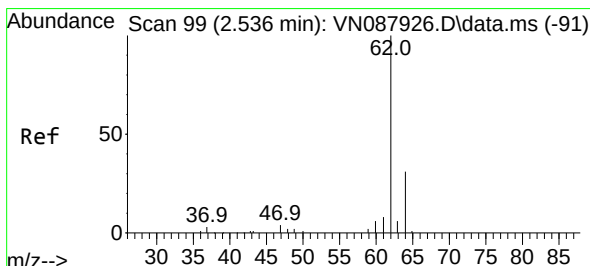
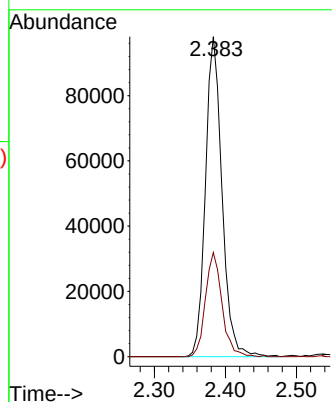
Tgt Ion: 50 Resp: 159189
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

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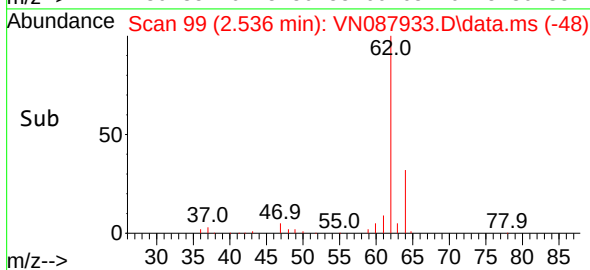
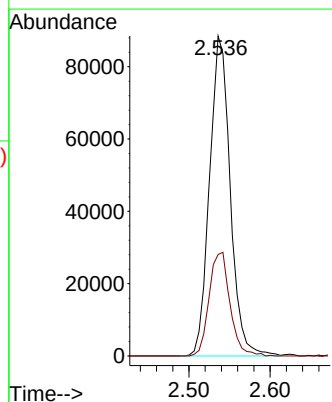
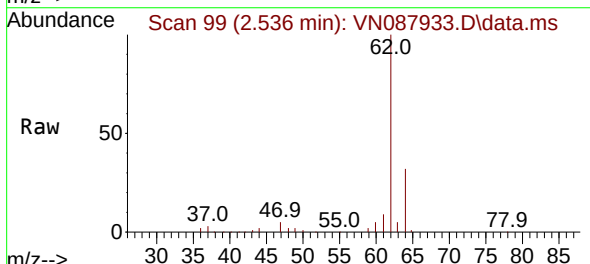
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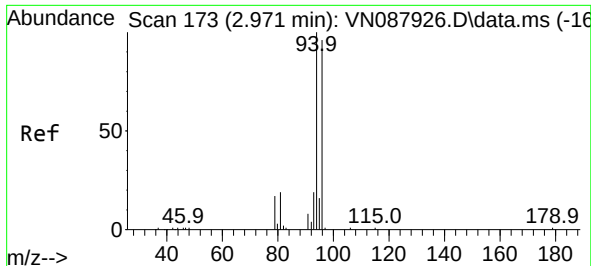
09/26/2025



#4
Vinyl Chloride
Concen: 51.999 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

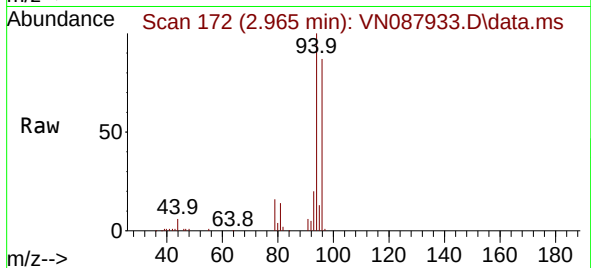
Tgt Ion: 62 Resp: 156528
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 55.162 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



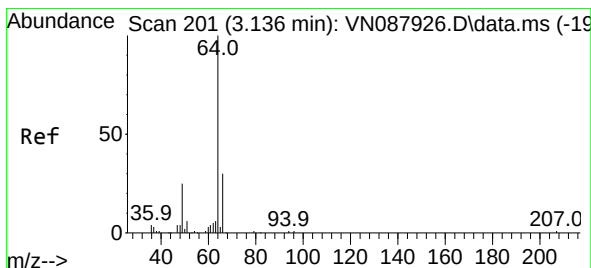
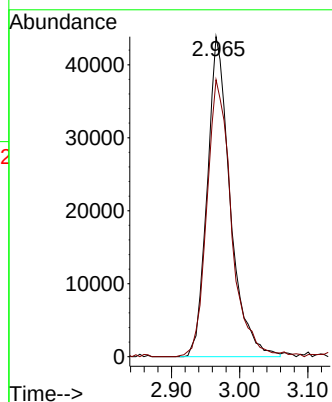
Tgt Ion: 94 Resp: 10294
Ion Ratio Lower Upper
94 100
96 86.2 76.8 115.2

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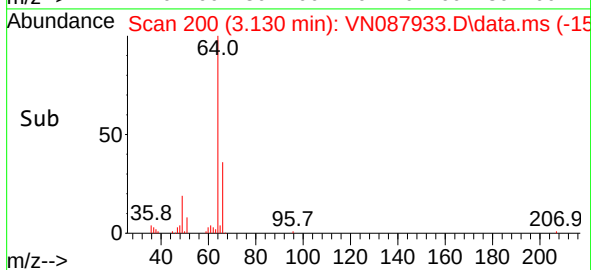
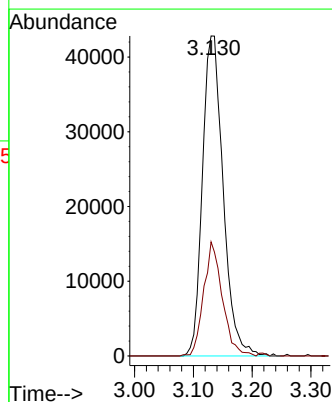
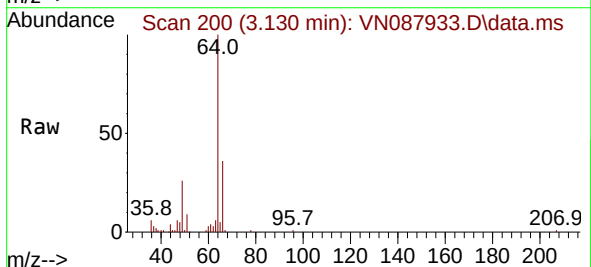
09/25/2025
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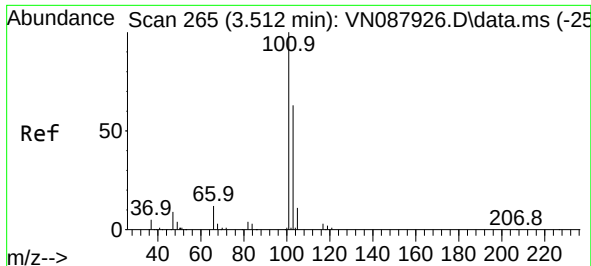
09/26/2025



#6
Chloroethane
Concen: 53.503 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

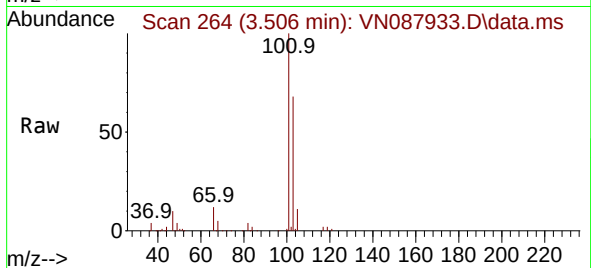
Tgt Ion: 64 Resp: 104720
Ion Ratio Lower Upper
64 100
66 35.6 23.8 35.8





#7
Trichlorofluoromethane
Concen: 53.303 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



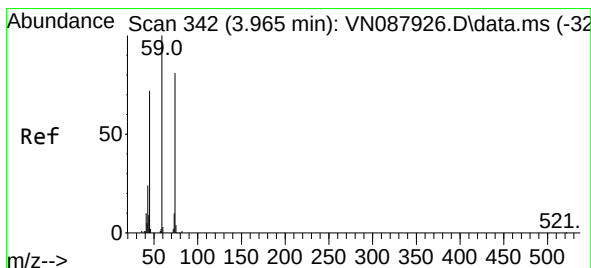
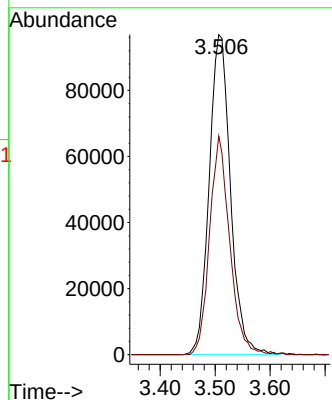
Tgt Ion:101 Resp: 261240
Ion Ratio Lower Upper
101 100
103 68.4 50.2 75.4

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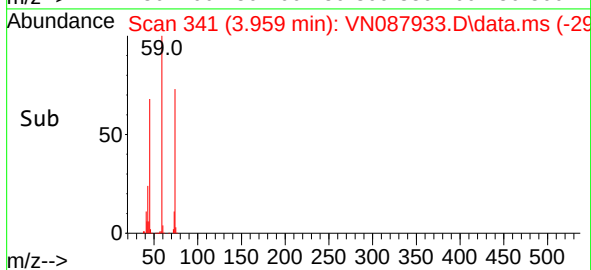
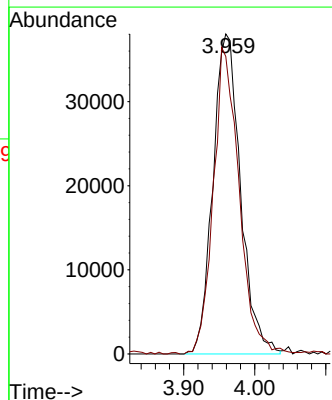
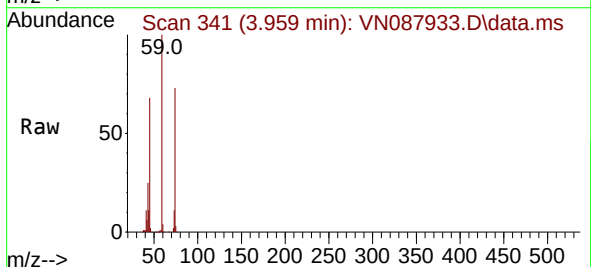
09/25/2025
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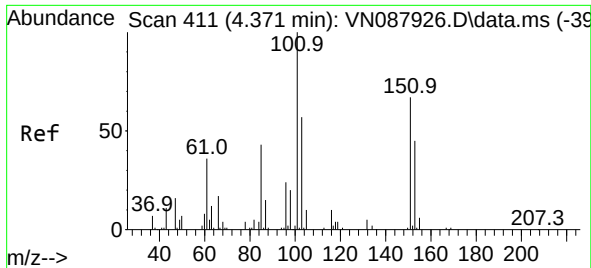
09/26/2025



#8
Diethyl Ether
Concen: 55.397 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

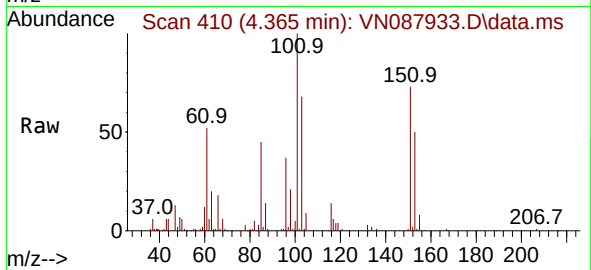
Tgt Ion: 74 Resp: 102573
Ion Ratio Lower Upper
74 100
45 89.7 45.4 136.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.593 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
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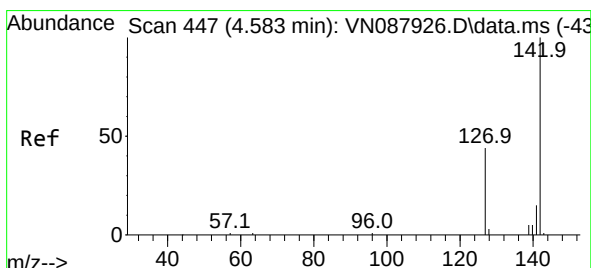
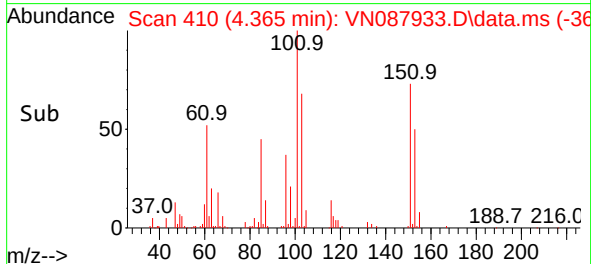
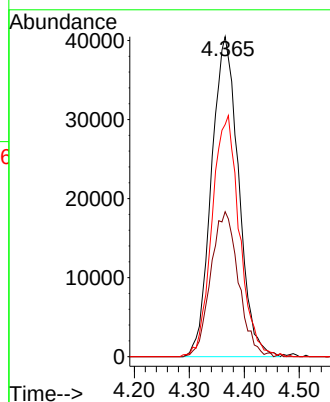
Tgt Ion:101 Resp: 138828
Ion Ratio Lower Upper
101 100
85 46.4 36.5 54.7
151 76.2 58.6 87.8

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Carlone

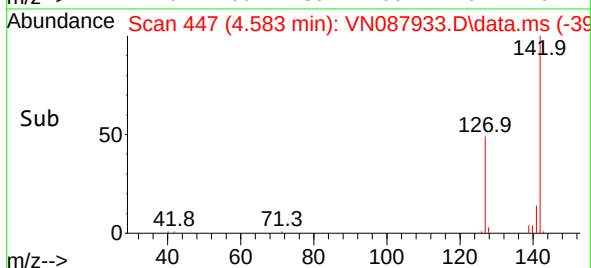
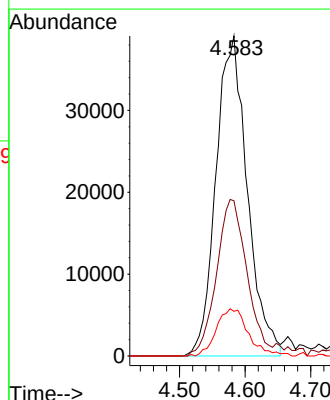
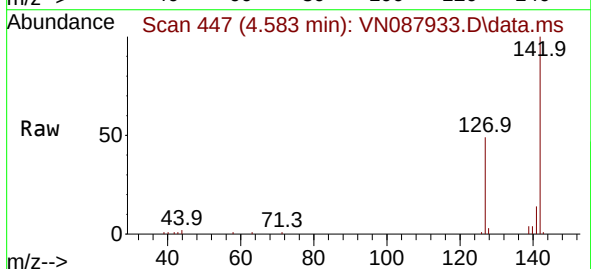
09/25/2025
Supervised By :Mahesh
Dadoda

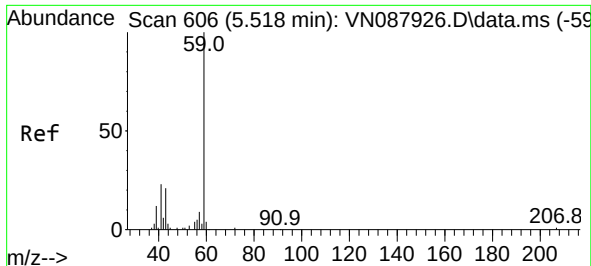
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#10
Methyl Iodide
Concen: 55.579 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

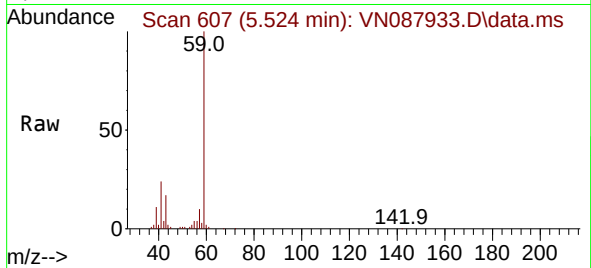
Tgt Ion:142 Resp: 129576
Ion Ratio Lower Upper
142 100
127 48.5 35.3 52.9
141 13.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 304.666 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



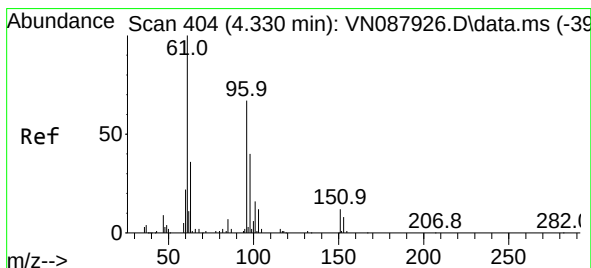
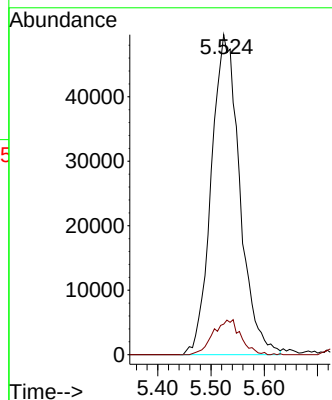
Tgt Ion: 59 Resp: 18376
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2

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Reviewed By :John
Carlone

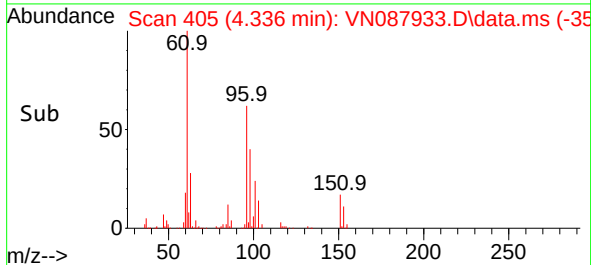
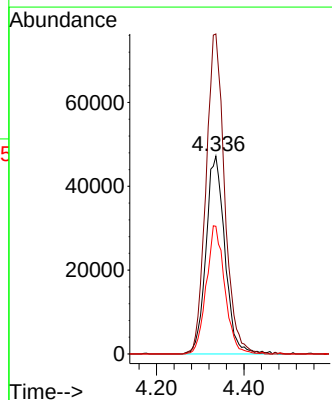
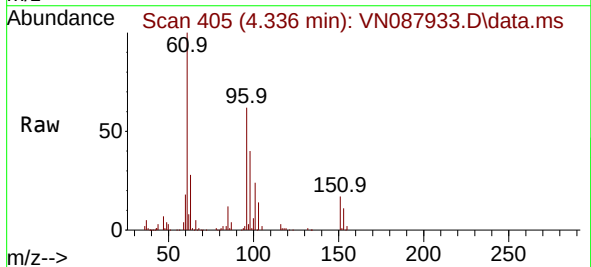
09/25/2025
Supervised By :Mahesh
Dadoda

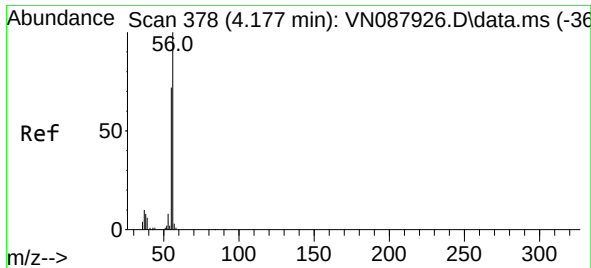
09/26/2025



#12
1,1-Dichloroethene
Concen: 54.374 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

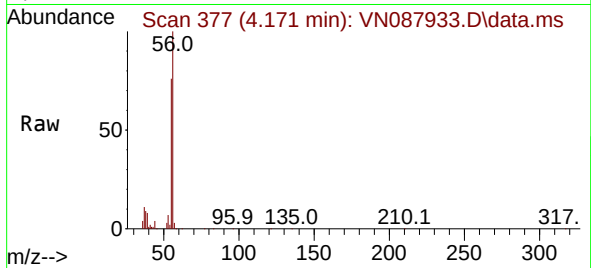
Tgt Ion: 96 Resp: 142121
Ion Ratio Lower Upper
96 100
61 161.8 119.2 178.8
98 64.6 47.5 71.3





#13
Acrolein
Concen: 275.317 ug/l
RT: 4.171 min Scan# 317
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



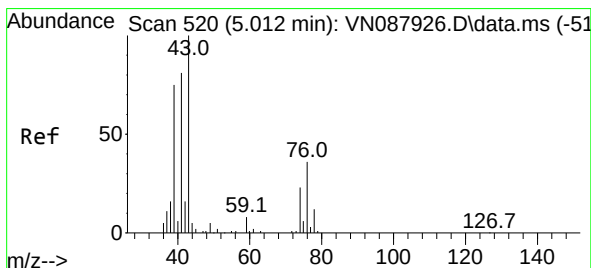
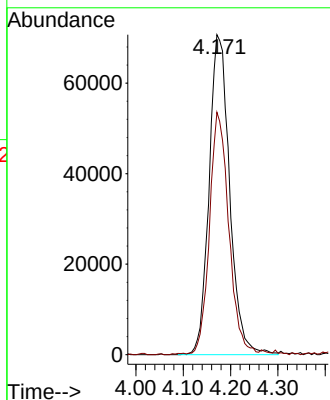
Tgt Ion: 56 Resp: 21307
Ion Ratio Lower Upper
56 100
55 70.5 59.3 88.9

Manual Integrations
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Reviewed By :John
Carlone

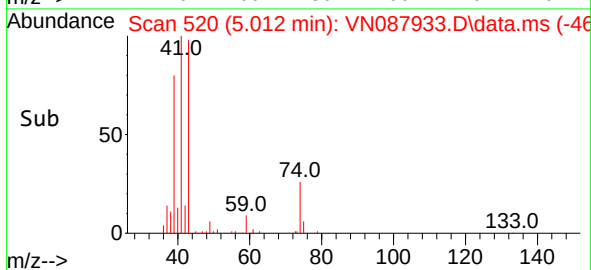
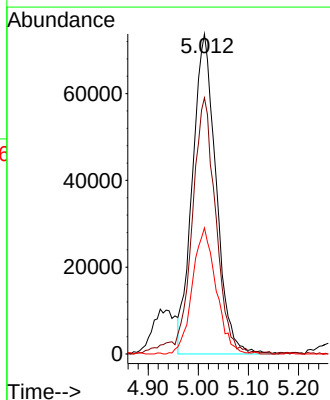
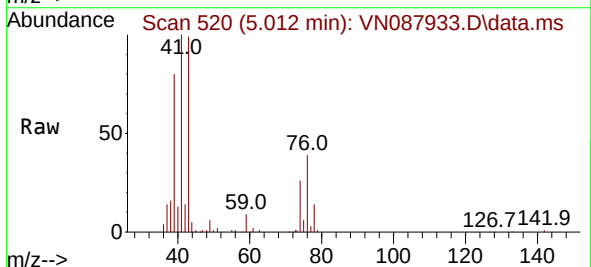
09/25/2025
Supervised By :Mahesh
Dadoda

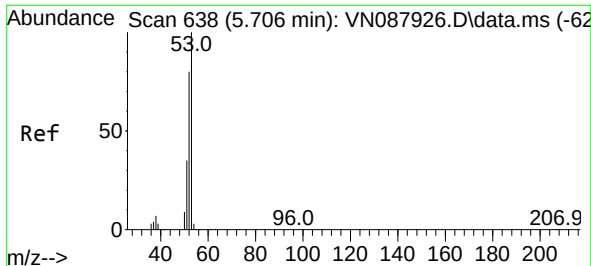
09/26/2025



#14
Allyl chloride
Concen: 56.807 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

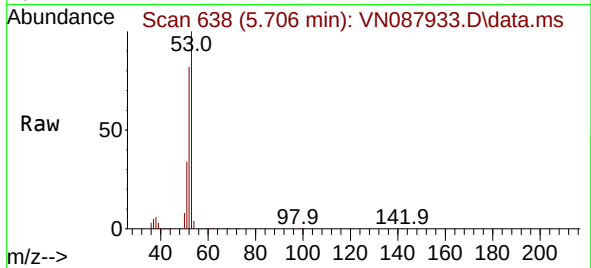
Tgt Ion: 41 Resp: 241727
Ion Ratio Lower Upper
41 100
39 81.3 63.8 95.8
76 39.4 33.0 49.6





#15
Acrylonitrile
Concen: 287.187 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



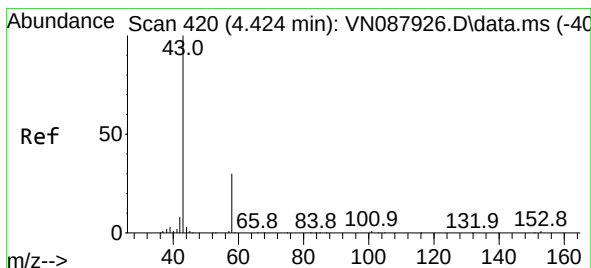
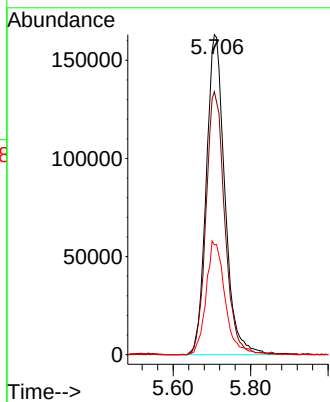
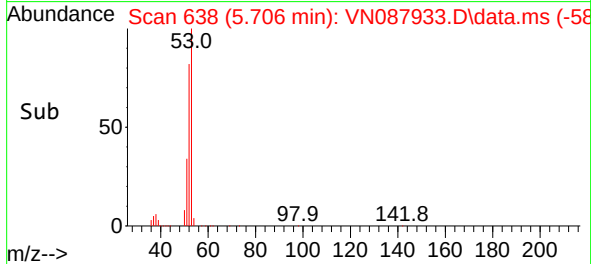
Tgt Ion: 53 Resp: 543349
Ion Ratio Lower Upper
53 100
52 82.3 66.6 99.8
51 36.5 29.0 43.4

Manual Integrations
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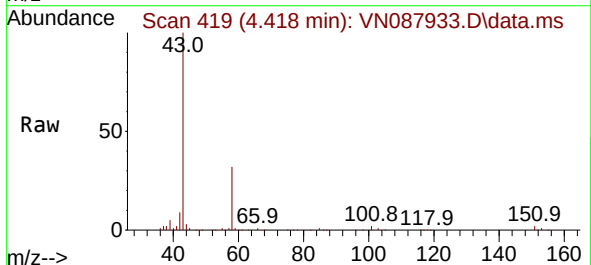
Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

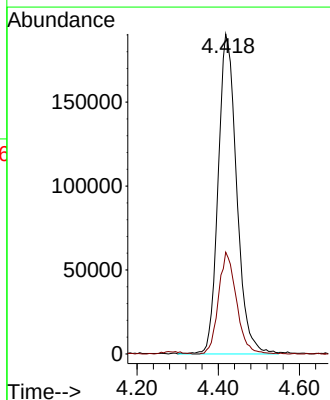
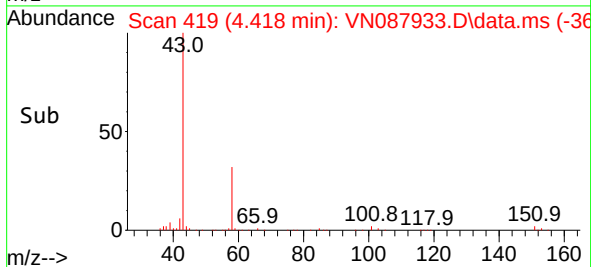
09/26/2025

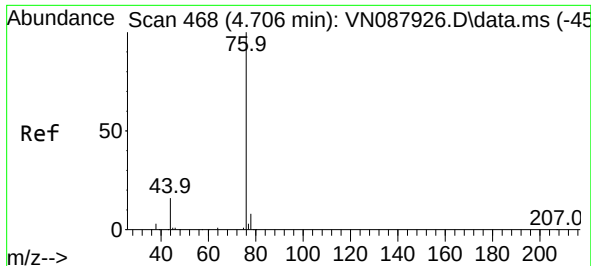


#16
Acetone
Concen: 350.611 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27



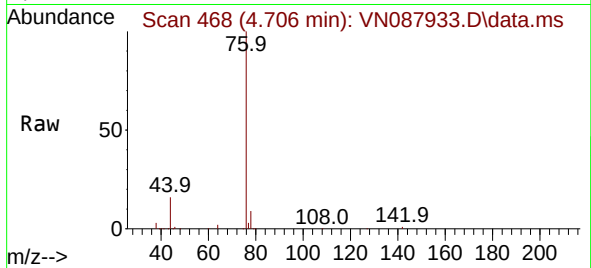
Tgt Ion: 43 Resp: 604093
Ion Ratio Lower Upper
43 100
58 31.7 24.1 36.1





#17
Carbon Disulfide
Concen: 53.071 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



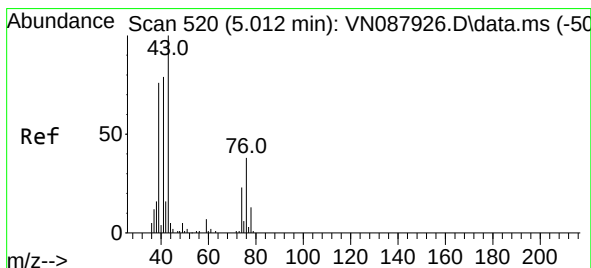
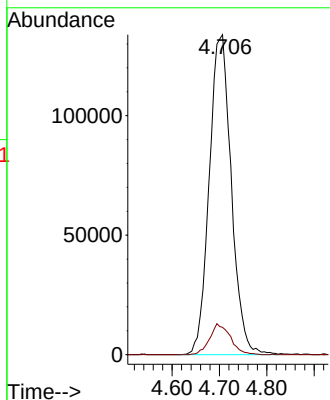
Tgt Ion: 76 Resp: 43340
Ion Ratio Lower Upper
76 100
78 8.6 6.7 10.1

Manual Integrations
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Reviewed By :John
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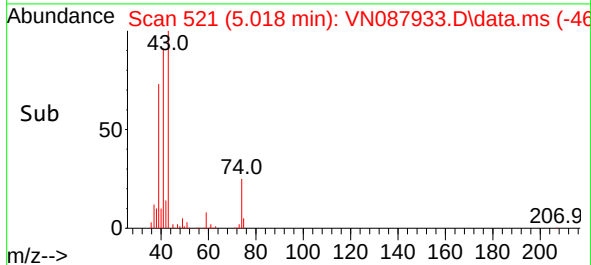
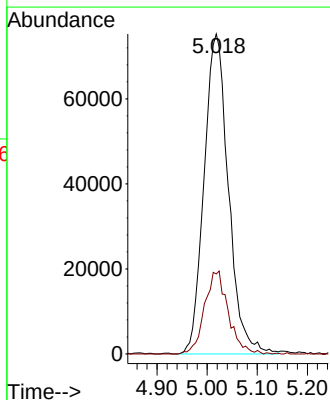
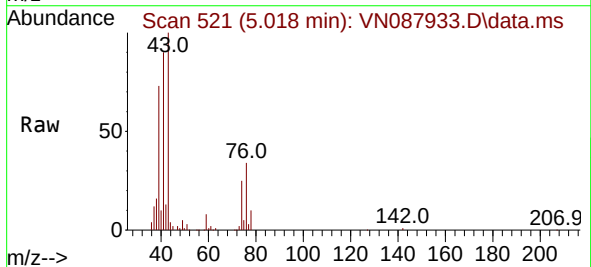
09/25/2025
Supervised By :Mahesh
Dadoda

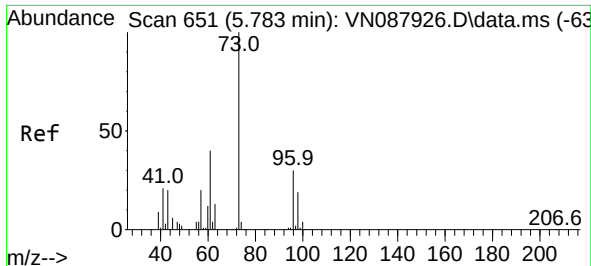
09/26/2025



#18
Methyl Acetate
Concen: 58.937 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

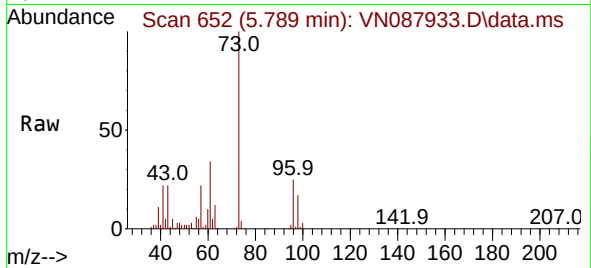
Tgt Ion: 43 Resp: 254132
Ion Ratio Lower Upper
43 100
74 25.1 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 56.339 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



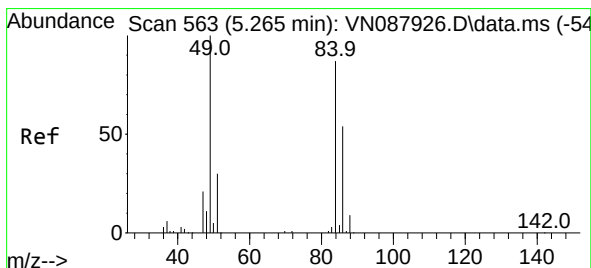
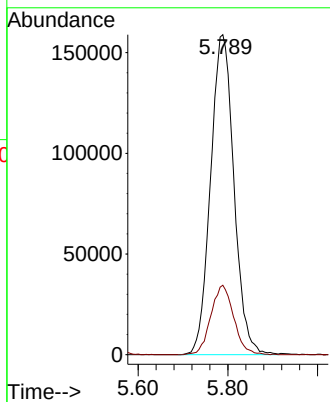
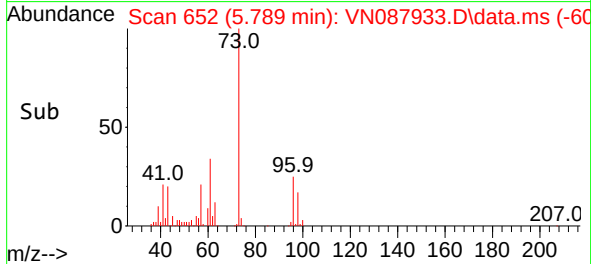
Tgt Ion: 73 Resp: 57524
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5

Manual Integrations
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Reviewed By :John
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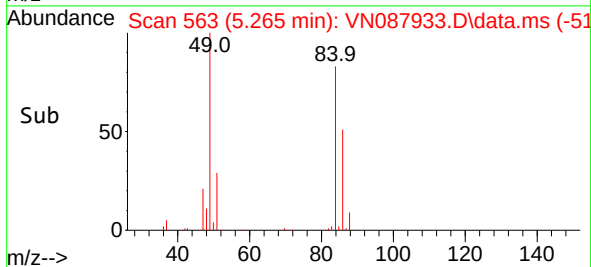
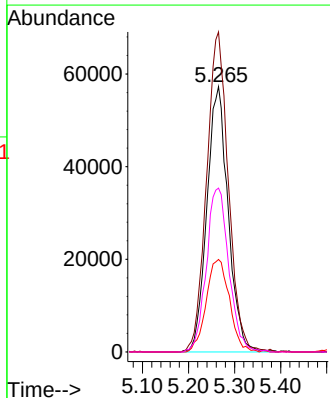
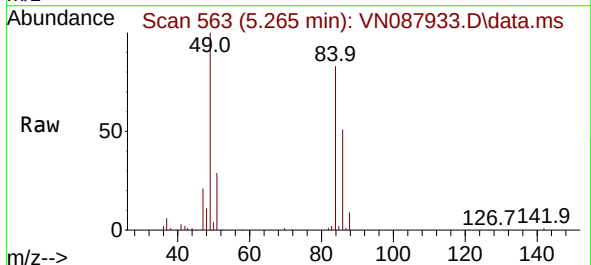
09/25/2025
Supervised By :Mahesh
Dadoda

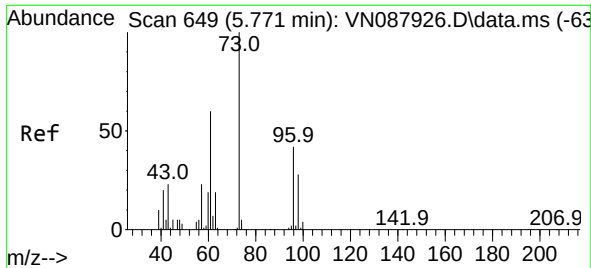
09/26/2025



#20
Methylene Chloride
Concen: 52.764 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

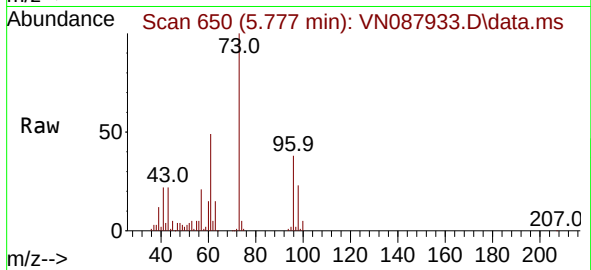
Tgt Ion: 84 Resp: 184015
Ion Ratio Lower Upper
84 100
49 120.6 92.1 138.1
51 34.9 27.7 41.5
86 61.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 53.340 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



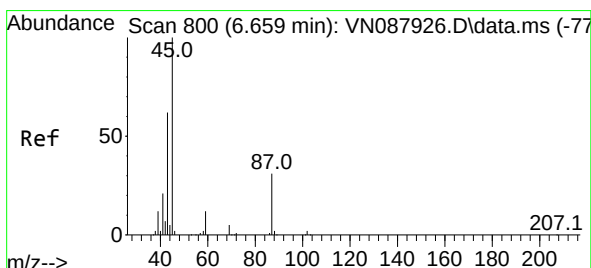
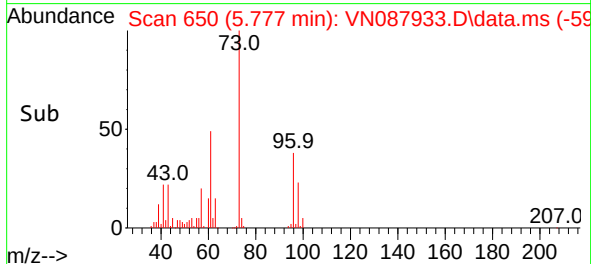
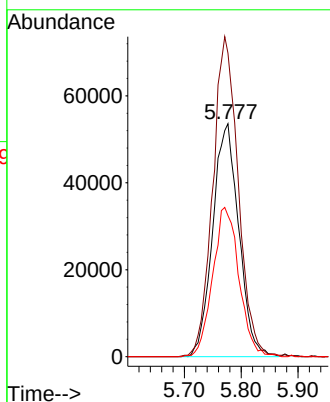
Tgt Ion: 96 Resp: 170912
Ion Ratio Lower Upper
96 100
61 130.3 114.4 171.6
98 60.6 53.6 80.4

Manual Integrations
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Reviewed By :John
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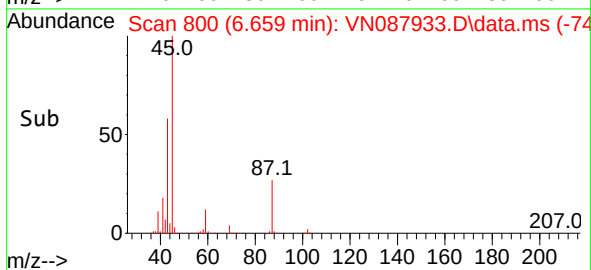
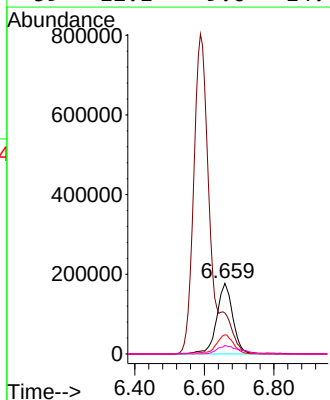
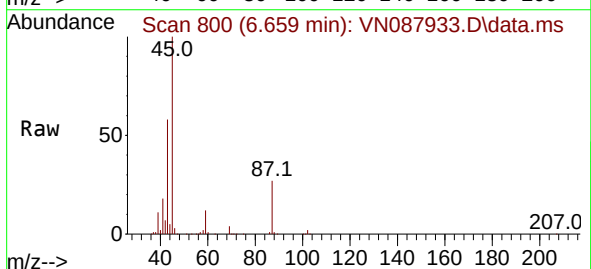
09/25/2025
Supervised By :Mahesh
Dadoda

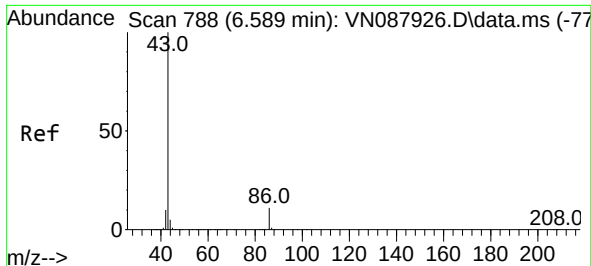
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#22
Diisopropyl ether
Concen: 57.320 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

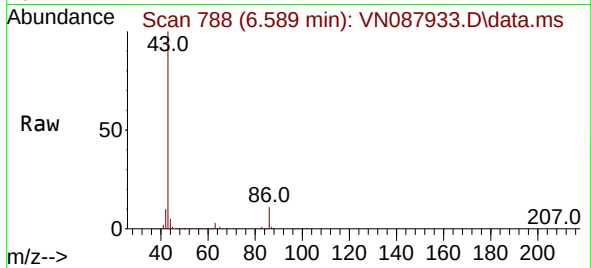
Tgt Ion: 45 Resp: 569397
Ion Ratio Lower Upper
45 100
43 57.3 49.9 74.9
87 27.0 25.2 37.8
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 313.916 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087933.D
 Acq: 24 Sep 2025 08:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



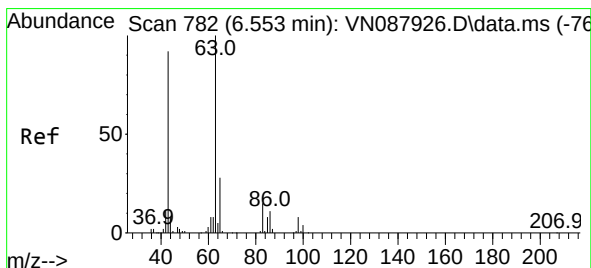
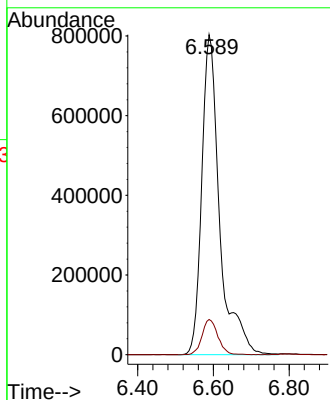
Tgt Ion: 43 Resp: 262558
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

Manual Integrations
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Reviewed By :John
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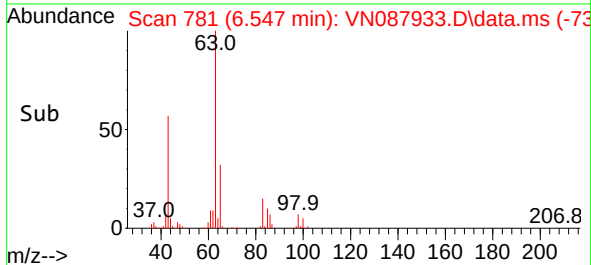
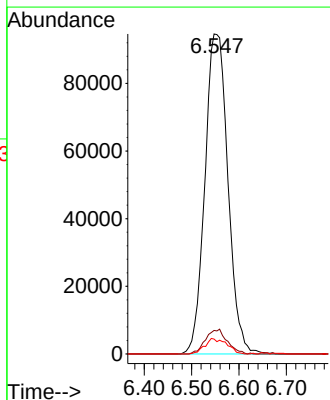
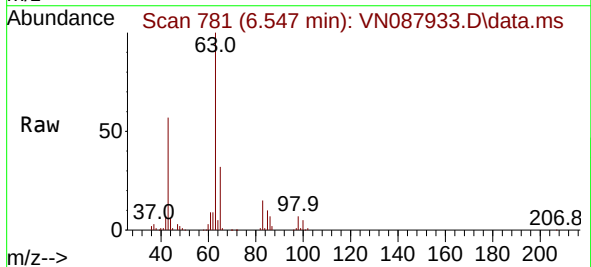
09/25/2025
 Supervised By :Mahesh
 Dadoda

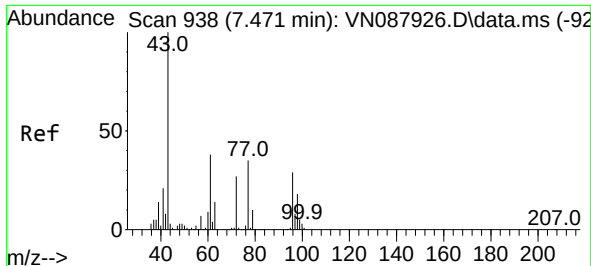
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#24
 1,1-Dichloroethane
 Concen: 55.133 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087933.D
 Acq: 24 Sep 2025 08:27

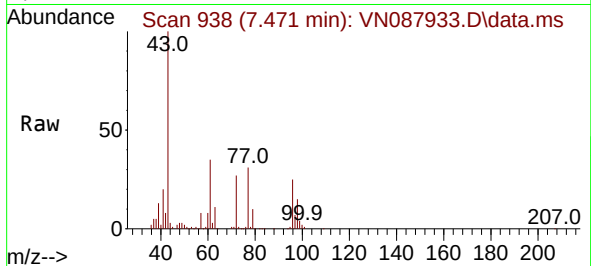
Tgt Ion: 63 Resp: 319963
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 312.253 ug/l
RT: 7.471 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



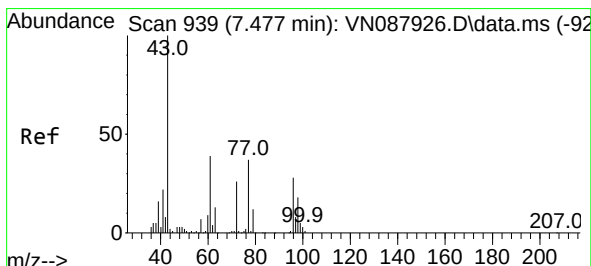
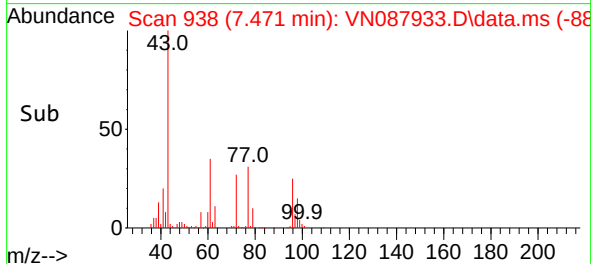
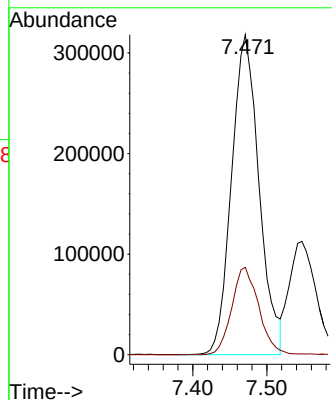
Tgt Ion: 43 Resp: 822314
Ion Ratio Lower Upper
43 100
72 27.3 21.5 32.3

Manual Integrations
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Reviewed By :John
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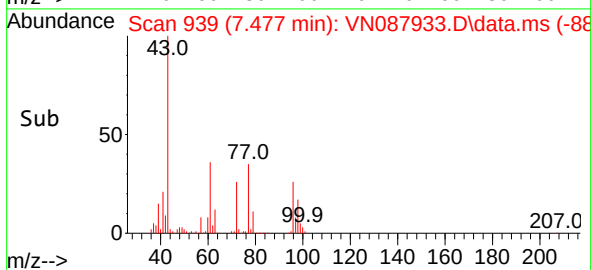
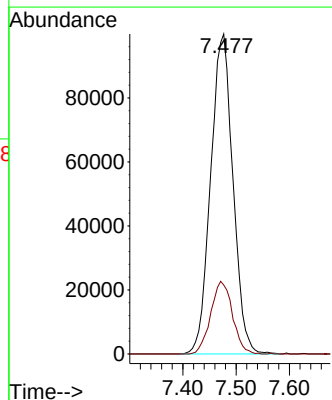
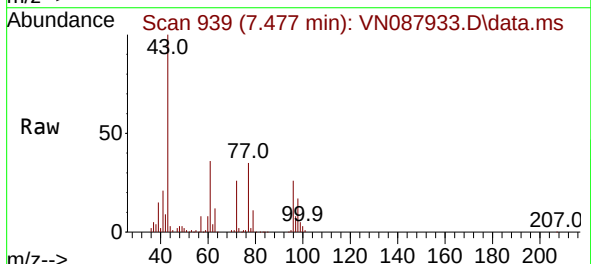
09/25/2025
Supervised By :Mahesh
Dadoda

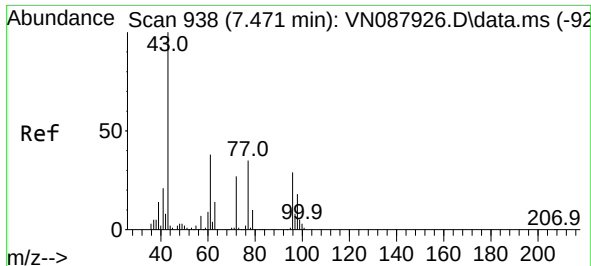
09/26/2025



#26
2,2-Dichloropropane
Concen: 56.350 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

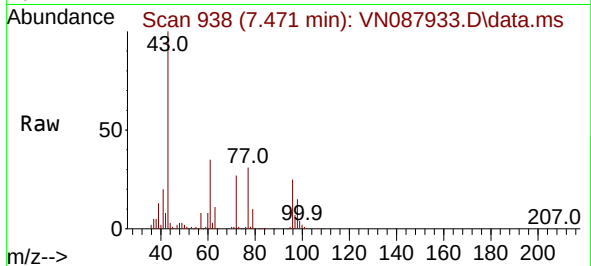
Tgt Ion: 77 Resp: 290553
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 55.025 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087933.D
 Acq: 24 Sep 2025 08:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



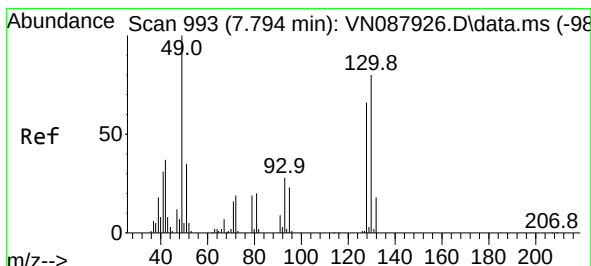
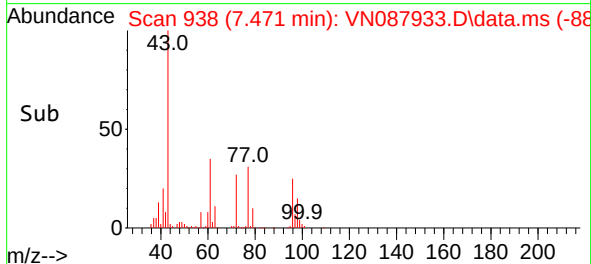
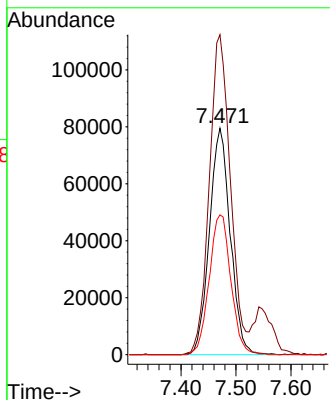
Tgt Ion: 96 Resp: 20978
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 283.0
 98 64.0 0.0 127.6

Manual Integrations
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Reviewed By :John
 Carlone

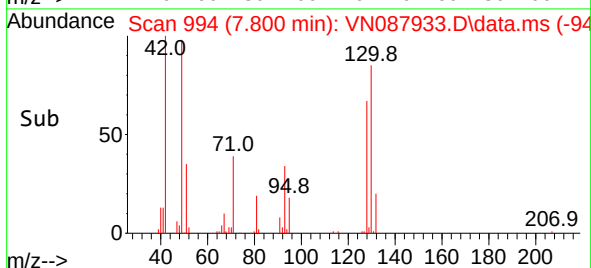
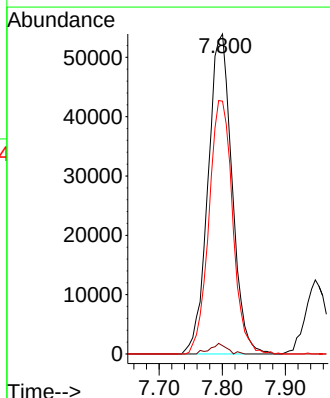
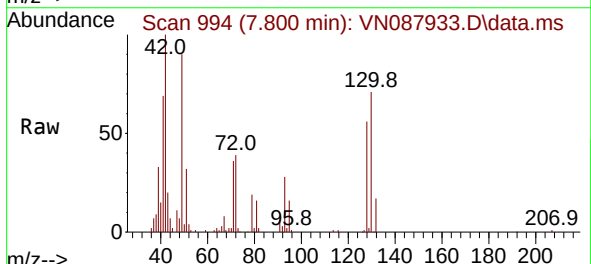
09/25/2025
 Supervised By :Mahesh
 Dadoda

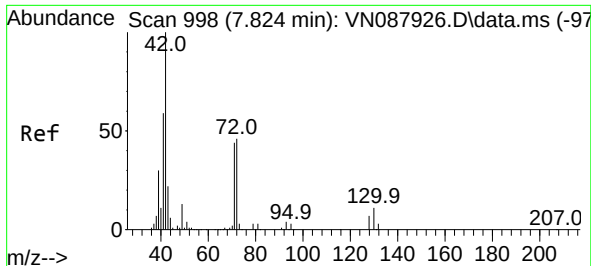
09/26/2025



#28
 Bromochloromethane
 Concen: 45.088 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087933.D
 Acq: 24 Sep 2025 08:27

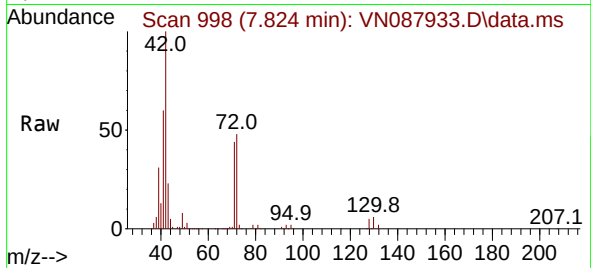
Tgt Ion: 49 Resp: 142169
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.4
 130 78.5 62.6 94.0





#29
Tetrahydrofuran
Concen: 294.990 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



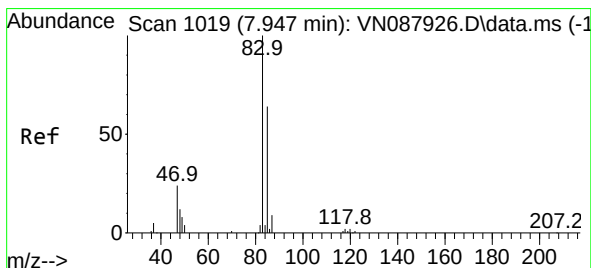
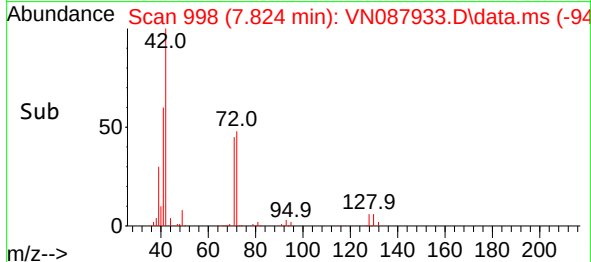
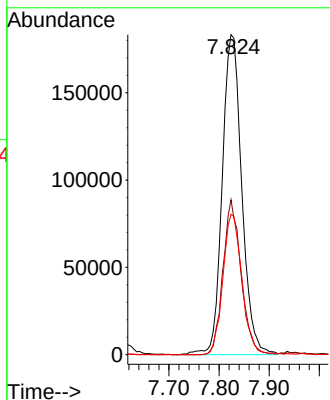
Tgt Ion: 42 Resp: 497430
Ion Ratio Lower Upper
42 100
72 44.6 36.5 54.7
71 42.6 33.8 50.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

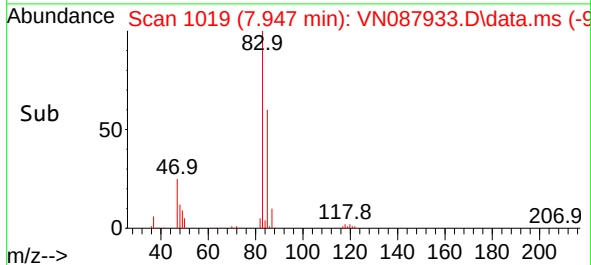
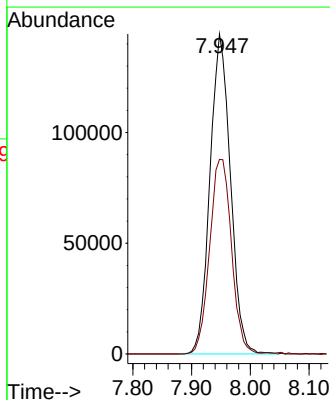
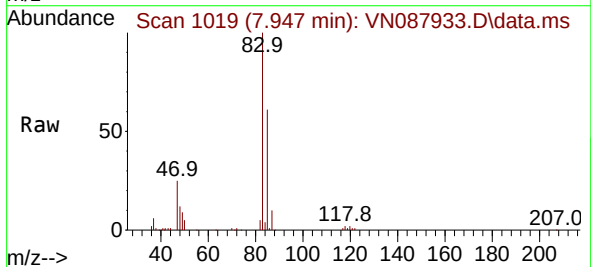
09/25/2025
Supervised By :Mahesh
Dadoda

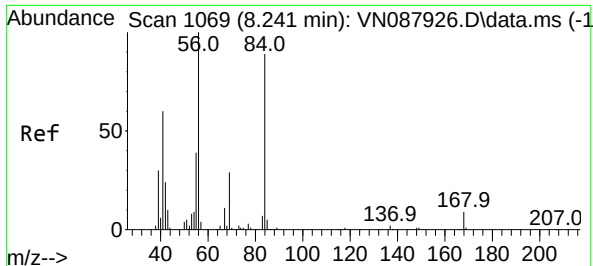
09/26/2025



#30
Chloroform
Concen: 55.104 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Tgt Ion: 83 Resp: 349670
Ion Ratio Lower Upper
83 100
85 60.8 50.9 76.3





#31

Cyclohexane

Concen: 52.737 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 24764

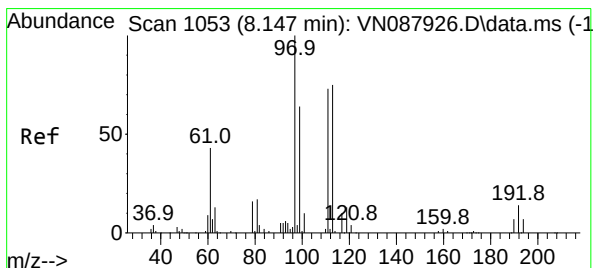
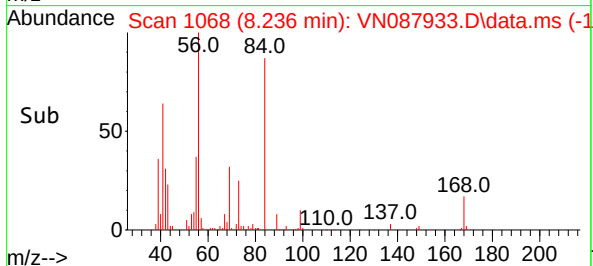
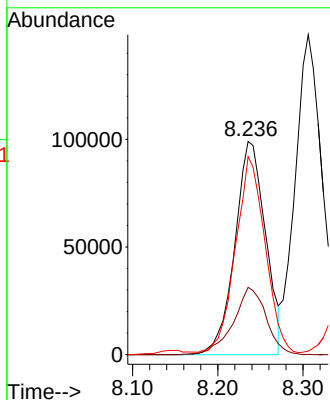
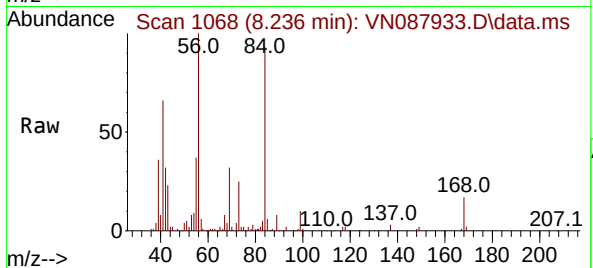
Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.4	35.0
84	90.8	70.8	106.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

09/26/2025



#32

1,1,1-Trichloroethane

Concen: 55.638 ug/l

RT: 8.153 min Scan# 1054

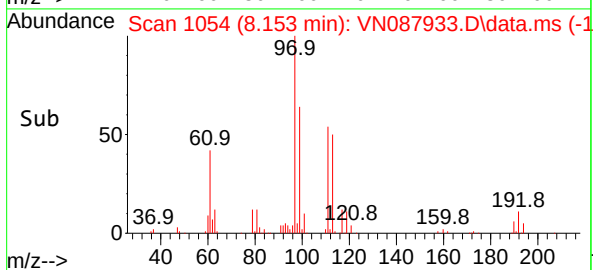
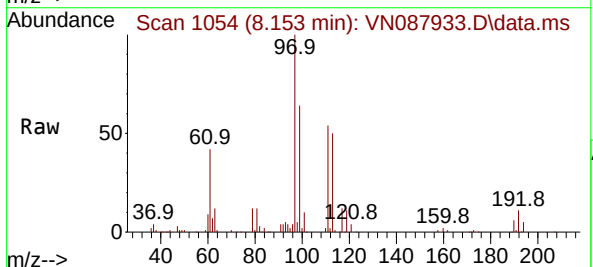
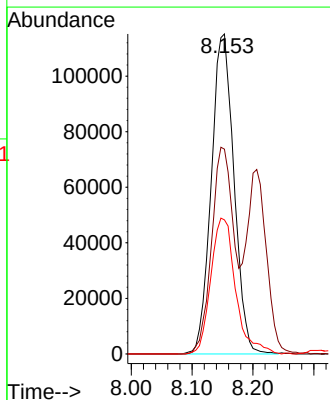
Delta R.T. 0.006 min

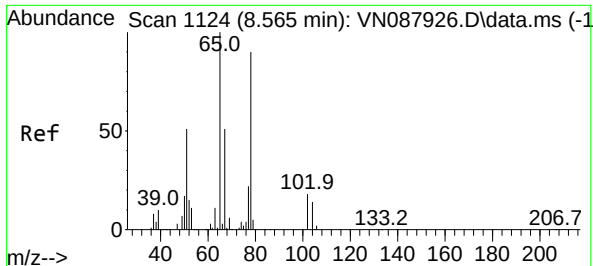
Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Tgt Ion: 97 Resp: 298325

Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.1	76.7
61	46.4	38.6	58.0





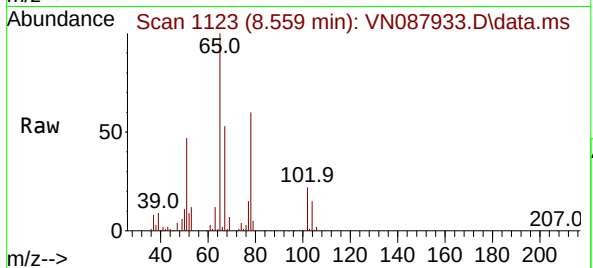
#33
1,2-Dichloroethane-d4
Concen: 47.323 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 65 Resp: 198172
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

Manual Integrations

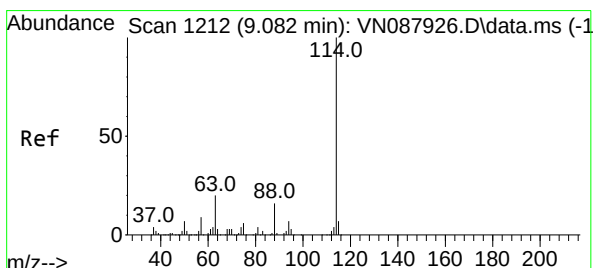
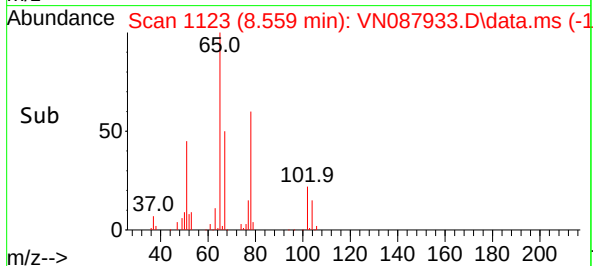
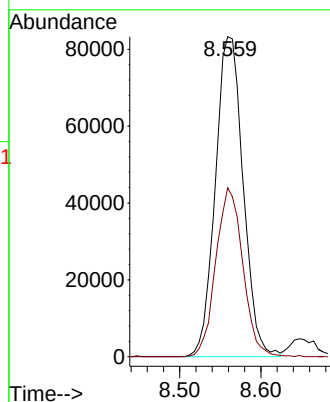
APPROVED

Reviewed By :John
Carlone

09/25/2025

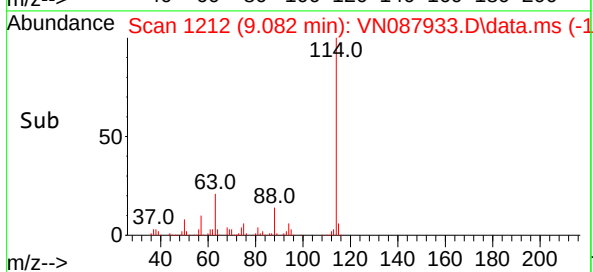
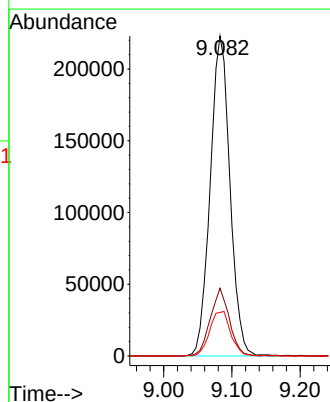
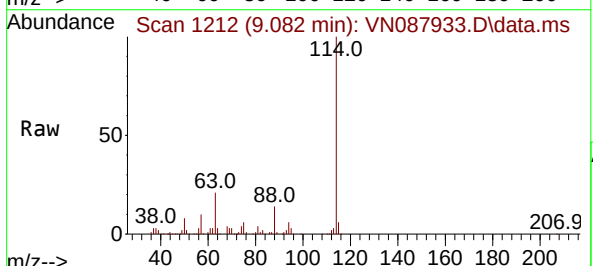
Supervised By :Mahesh
Dadoda

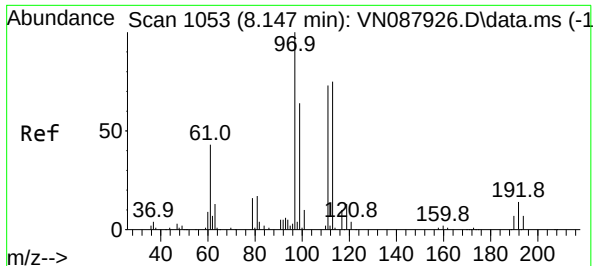
09/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Tgt Ion:114 Resp: 449654
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 13.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.912 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	153150
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.2	123.2
192	17.8	14.2	21.2

Manual Integrations

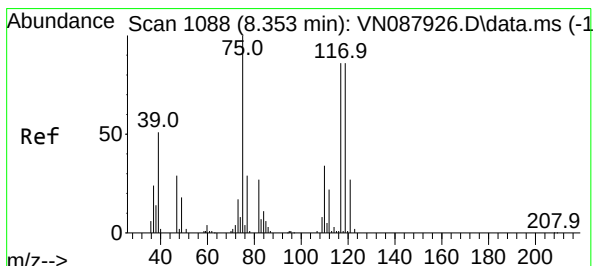
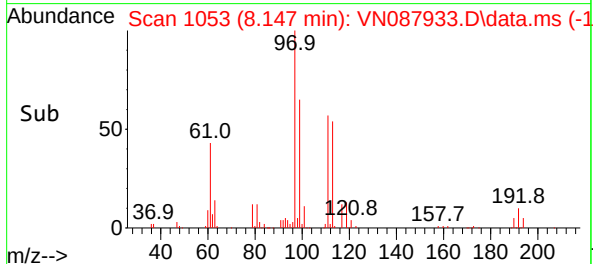
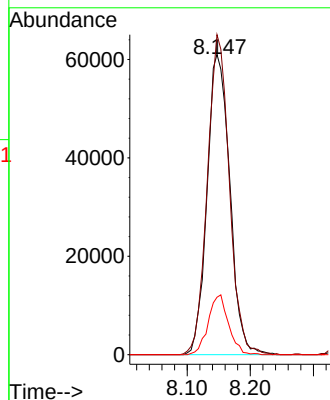
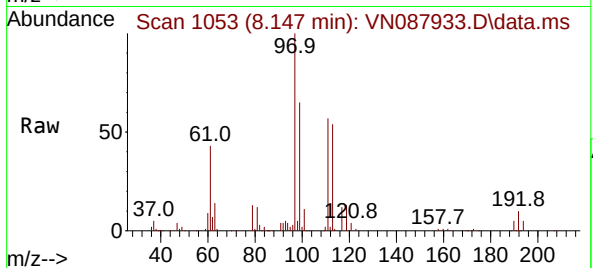
APPROVED

Reviewed By :John
Carlone

09/25/2025

Supervised By :Mahesh
Dadoda

09/26/2025



#36

1,1-Dichloropropene

Concen: 56.816 ug/l

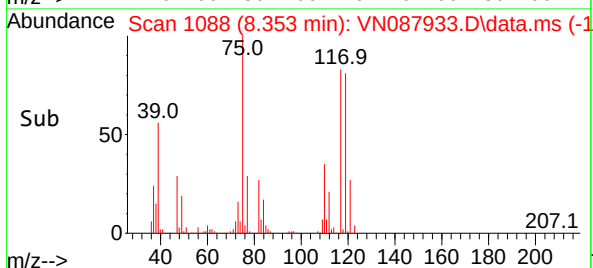
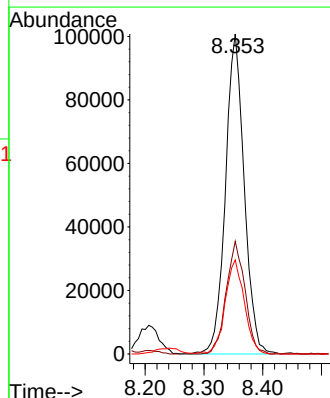
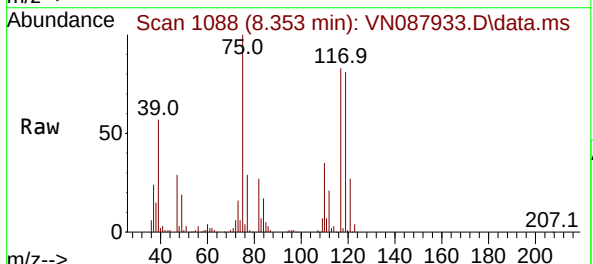
RT: 8.353 min Scan# 1088

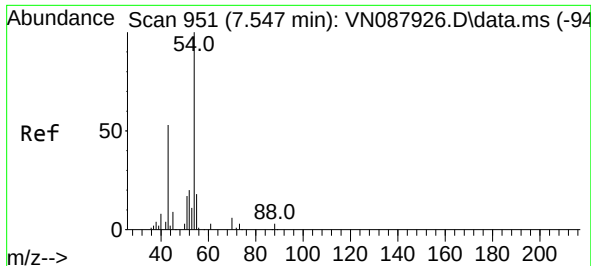
Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

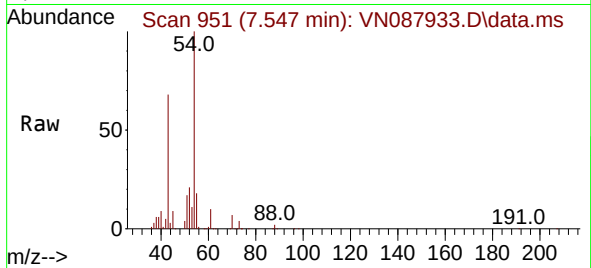
Tgt Ion:	75	Resp:	223041
Ion Ratio	Lower	Upper	
75	100		
110	35.3	17.1	51.3
77	30.2	24.8	37.2





#37
Ethyl Acetate
Concen: 56.159 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



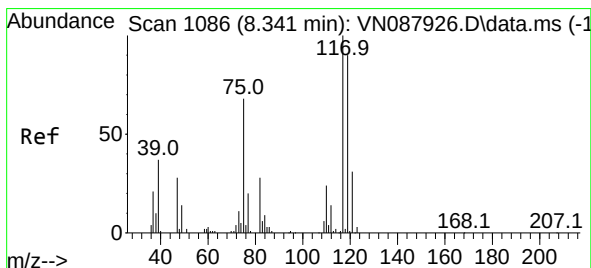
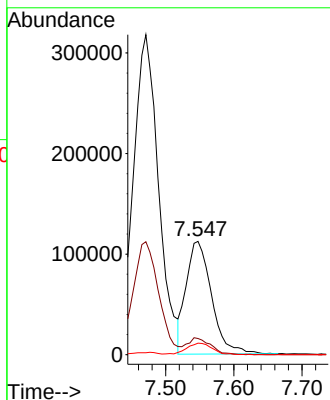
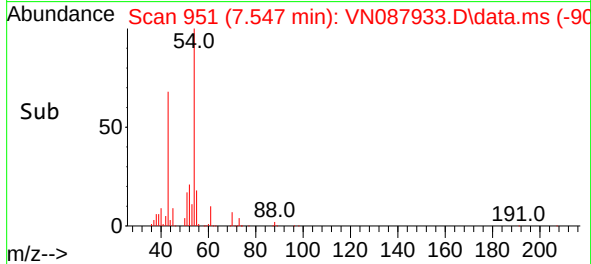
Tgt Ion: 43 Resp: 289500
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.1 7.8 11.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

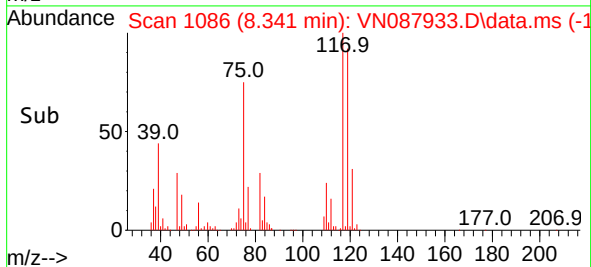
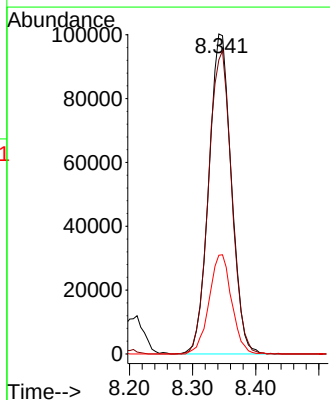
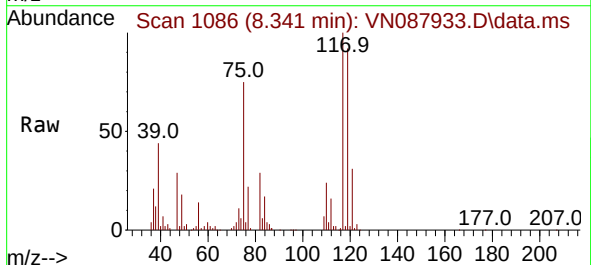
09/25/2025
Supervised By :Mahesh
Dadoda

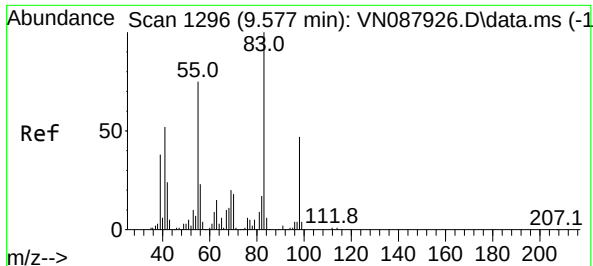
09/26/2025



#38
Carbon Tetrachloride
Concen: 55.163 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Tgt Ion:117 Resp: 248492
Ion Ratio Lower Upper
117 100
119 91.7 72.1 108.1
121 30.8 24.6 36.8





#39

Methylcyclohexane

Concen: 56.946 ug/l

RT: 9.582 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN087933.D

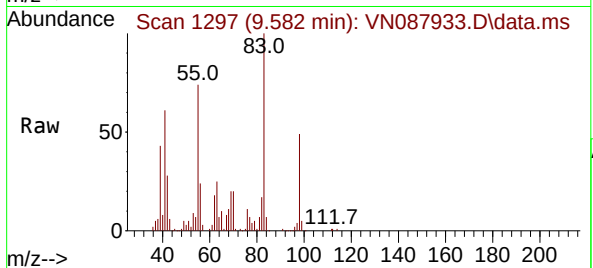
Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



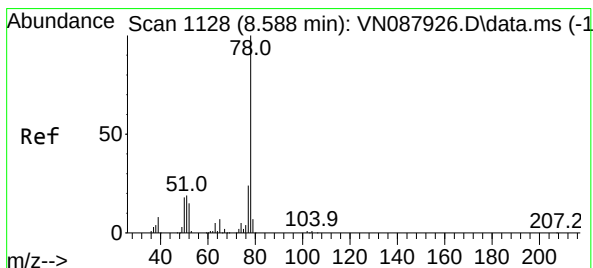
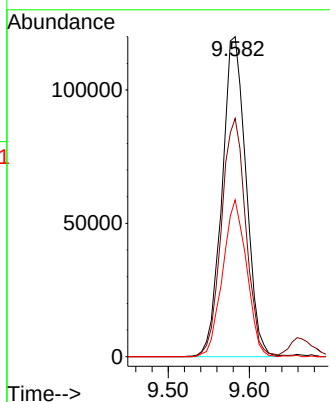
Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.4	59.9	89.9
98	49.0	37.4	56.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

09/26/2025



#40

Benzene

Concen: 56.698 ug/l

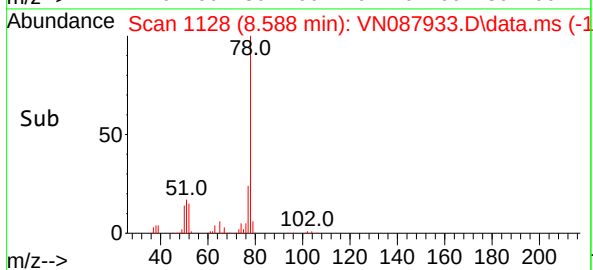
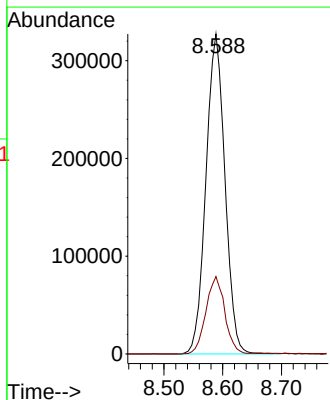
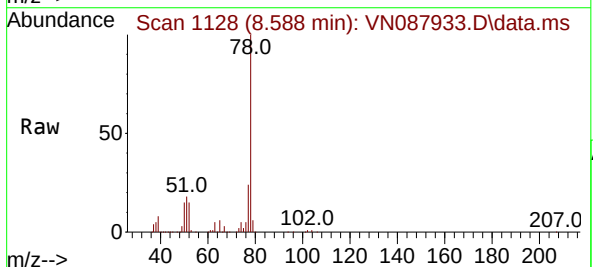
RT: 8.588 min Scan# 1128

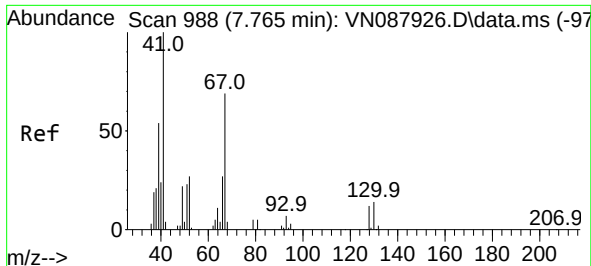
Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

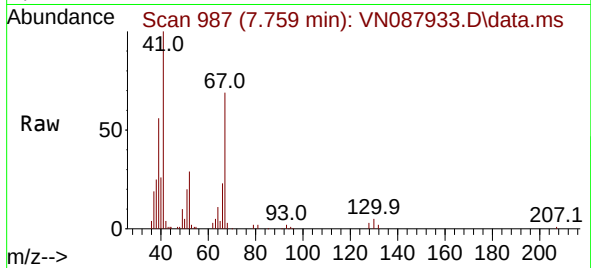
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 56.412 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



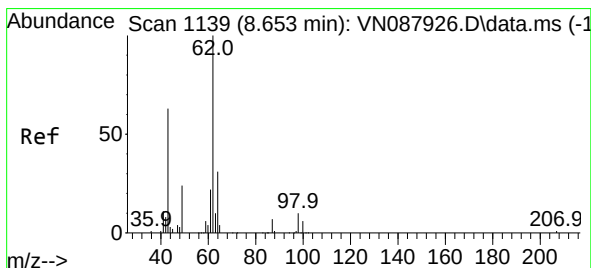
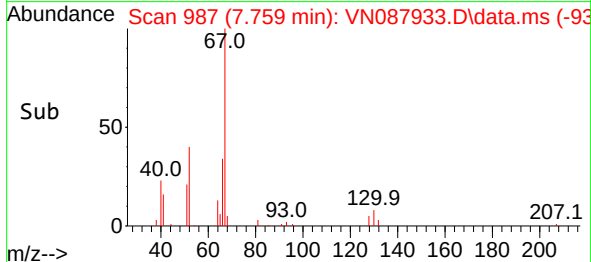
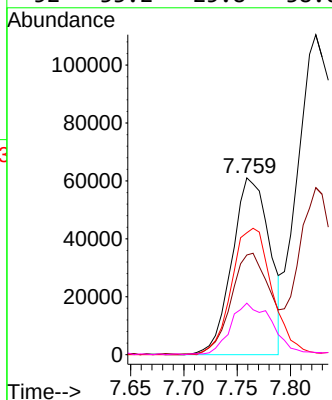
Tgt Ion: 41 Resp: 150285
Ion Ratio Lower Upper
41 100
39 57.9 43.5 65.3
67 77.0 57.6 86.4
52 33.2 25.8 38.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

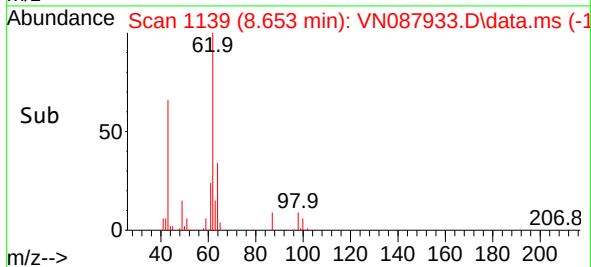
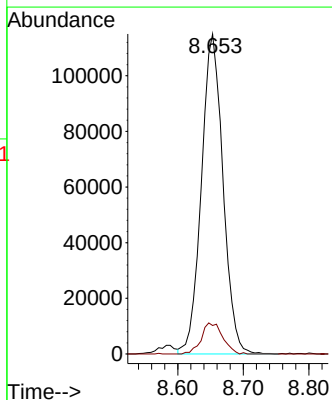
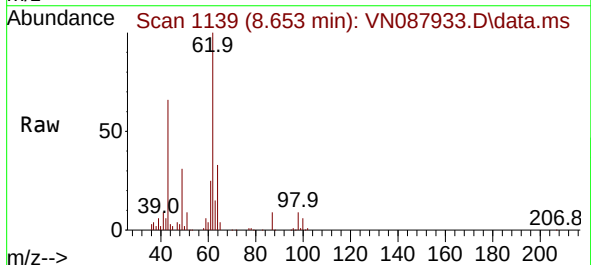
09/25/2025
Supervised By :Mahesh
Dadoda

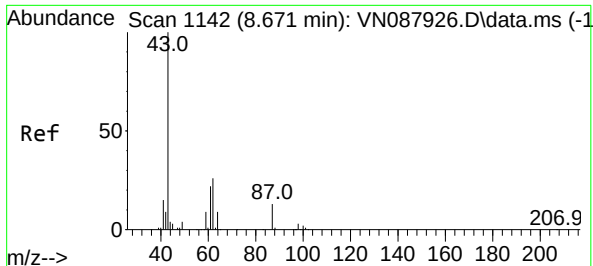
09/26/2025



#42
1,2-Dichloroethane
Concen: 54.293 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

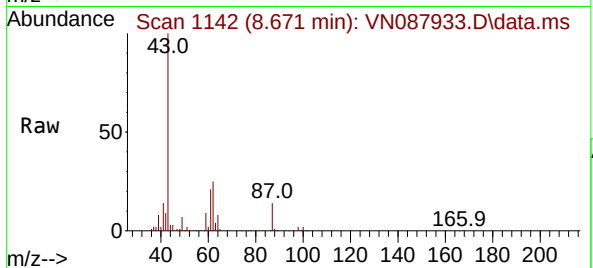
Tgt Ion: 62 Resp: 263356
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.6





#43
Isopropyl Acetate
Concen: 58.388 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



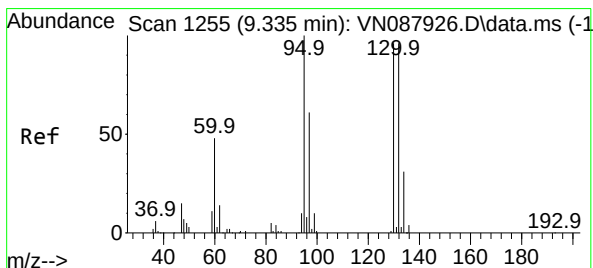
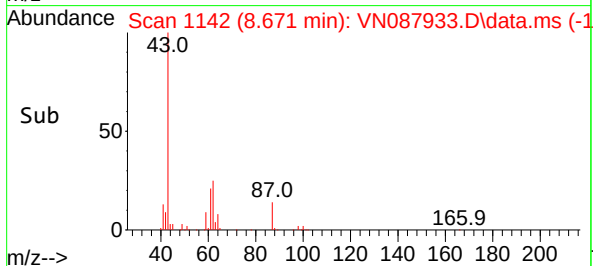
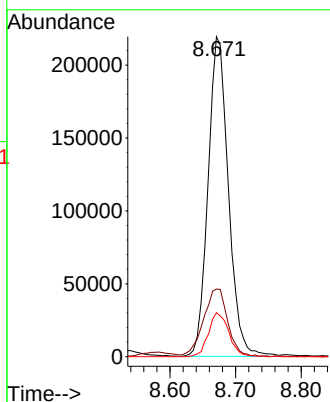
Tgt Ion: 43 Resp: 47378
Ion Ratio Lower Upper
43 100
61 25.1 20.2 30.2
87 13.8 10.9 16.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

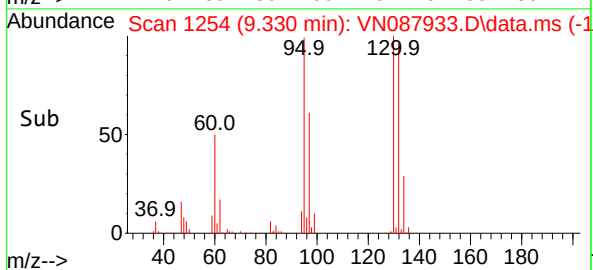
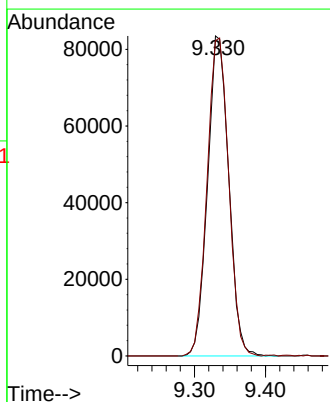
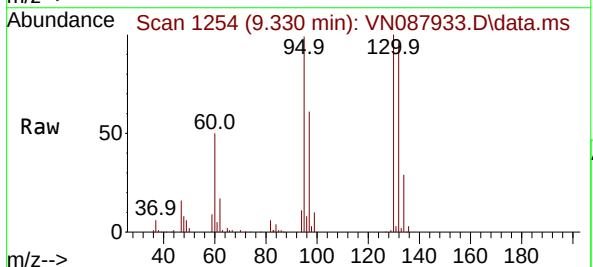
09/25/2025
Supervised By :Mahesh
Dadoda

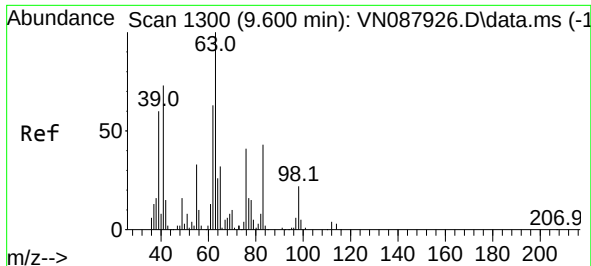
09/26/2025



#44
Trichloroethene
Concen: 55.438 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Tgt Ion:130 Resp: 172123
Ion Ratio Lower Upper
130 100
95 98.6 0.0 208.0





#45

1,2-Dichloropropane

Concen: 54.513 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087933.D

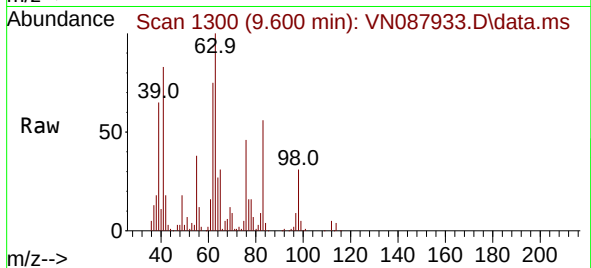
Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 177670

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0

Manual Integrations

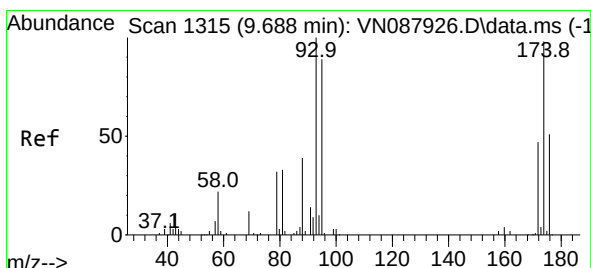
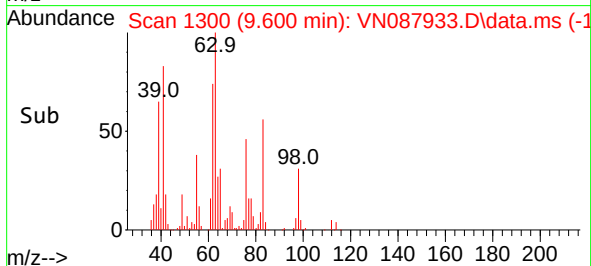
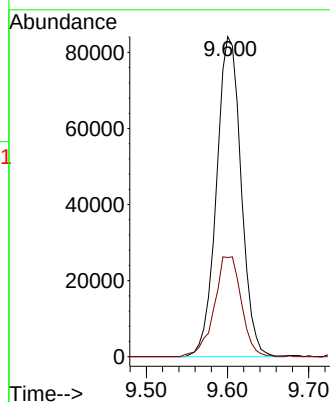
APPROVED

Reviewed By :John
Carlone

09/25/2025

Supervised By :Mahesh
Dadoda

09/26/2025



#46

Dibromomethane

Concen: 55.506 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

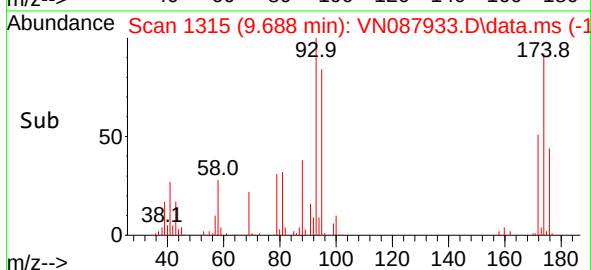
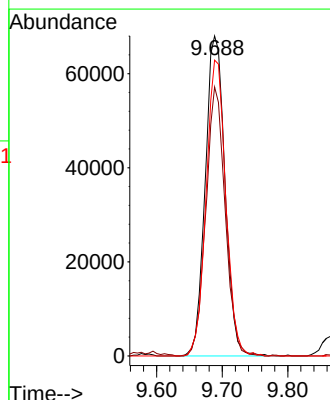
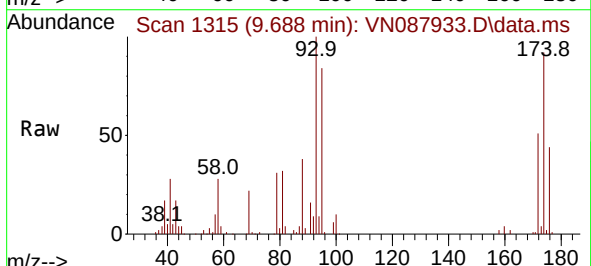
Tgt Ion: 93 Resp: 142752

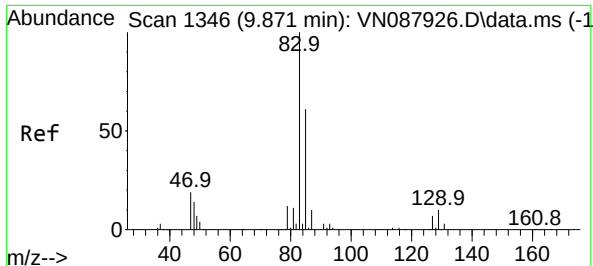
Ion Ratio Lower Upper

93 100

95 82.1 67.6 101.4

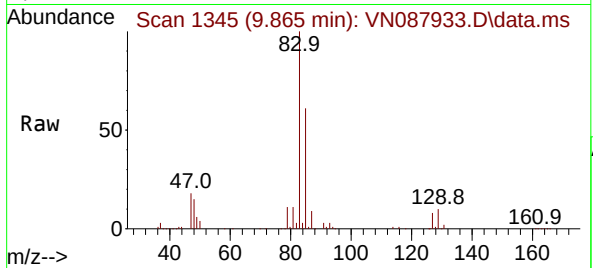
174 92.1 75.4 113.0





#47
Bromodichloromethane
Concen: 56.872 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



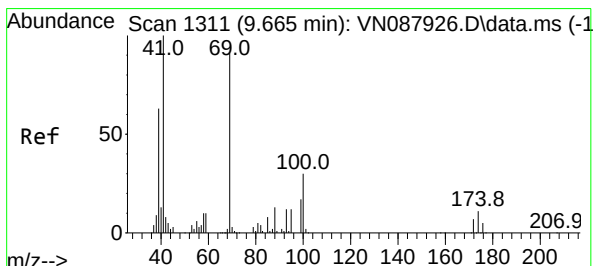
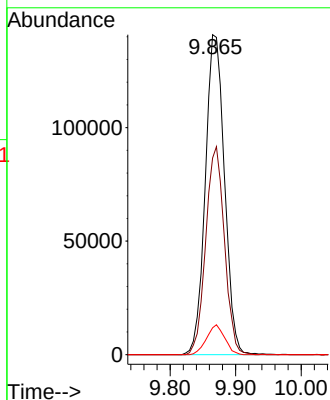
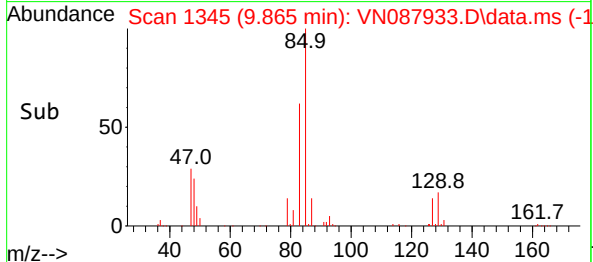
Tgt Ion: 83 Resp: 286880
Ion Ratio Lower Upper
83 100
85 61.5 49.1 73.7
127 8.4 5.9 8.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

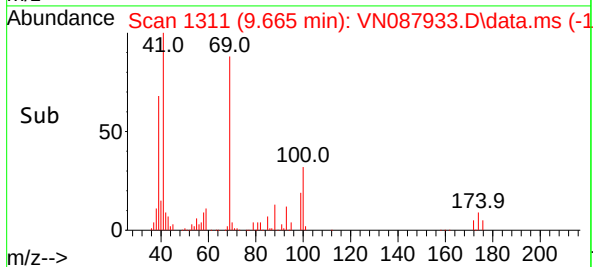
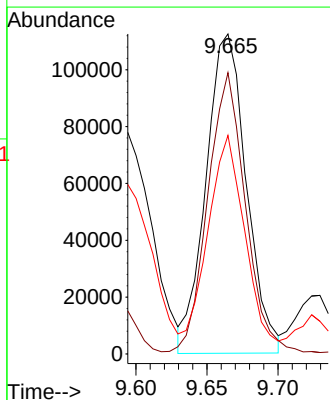
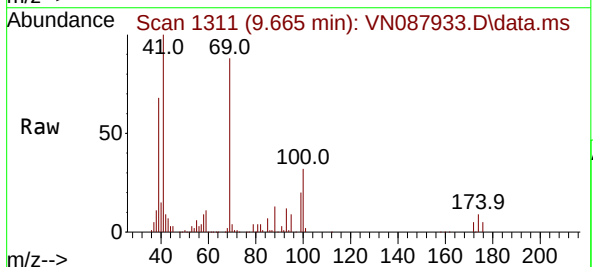
09/25/2025
Supervised By :Mahesh
Dadoda

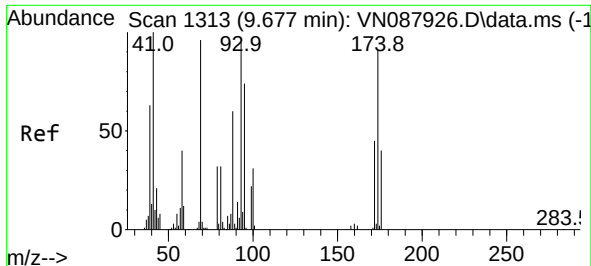
09/26/2025



#48
Methyl methacrylate
Concen: 59.080 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Tgt Ion: 41 Resp: 222006
Ion Ratio Lower Upper
41 100
69 81.9 70.9 106.3
39 63.8 52.9 79.3





#49

1,4-Dioxane

Concen: 1282.318 ug/l

RT: 9.682 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

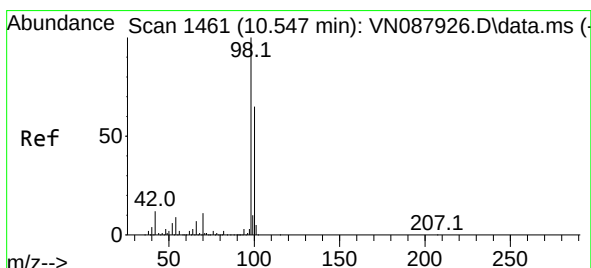
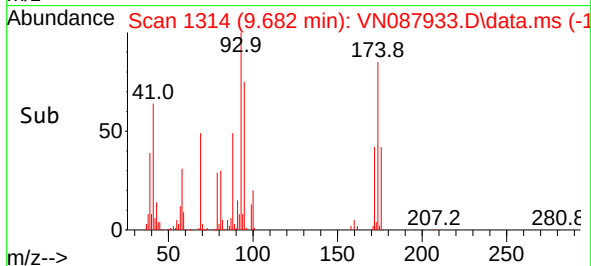
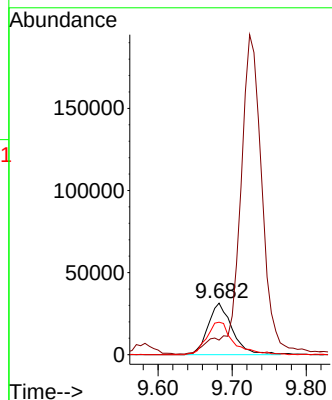
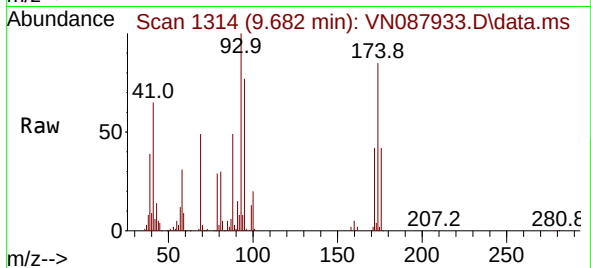
Tgt Ion: 88	Resp: 7118
Ion Ratio	Lower Upper
88 100	
43 0.0	22.6 33.8
58 68.8	57.4 86.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

09/26/2025



#50

Toluene-d8

Concen: 46.564 ug/l

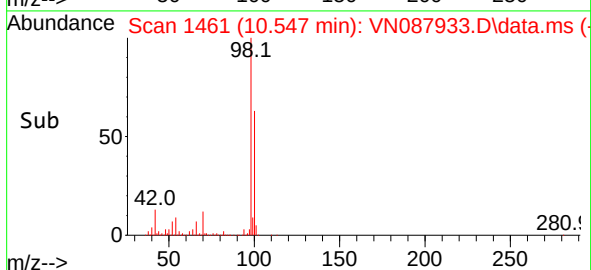
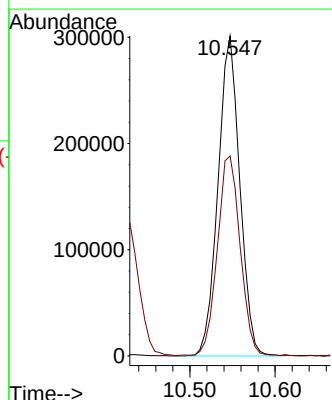
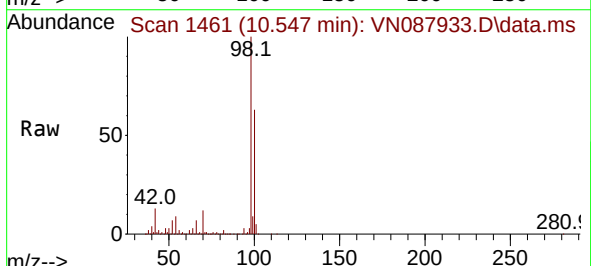
RT: 10.547 min Scan# 1461

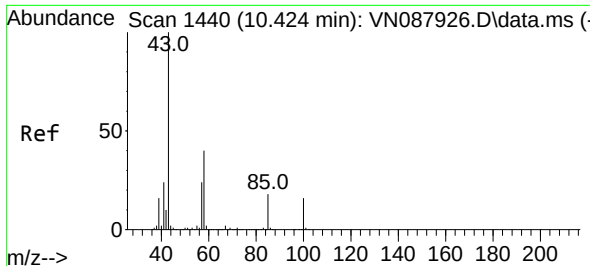
Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

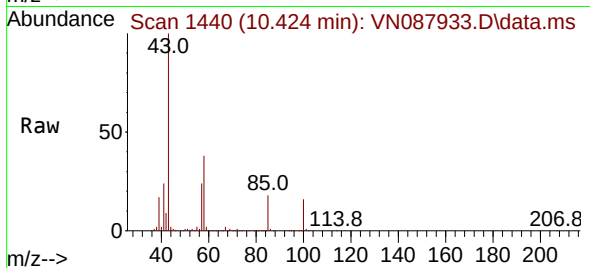
Tgt Ion: 98	Resp: 534595
Ion Ratio	Lower Upper
98 100	
100 65.8	51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 296.306 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



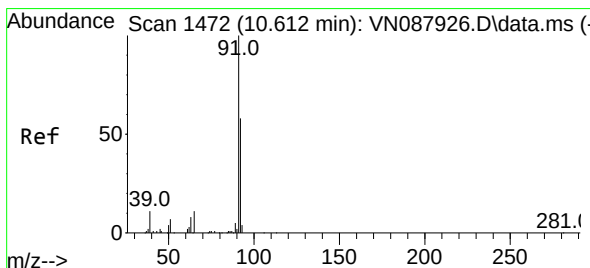
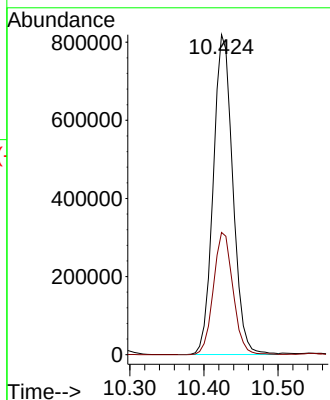
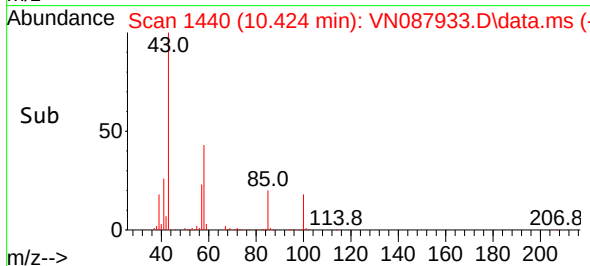
Tgt Ion: 43 Resp: 1500300
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

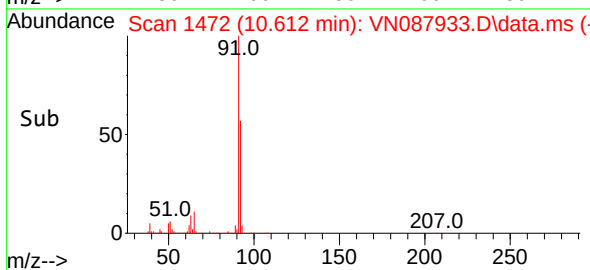
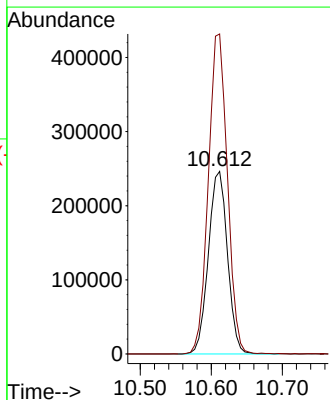
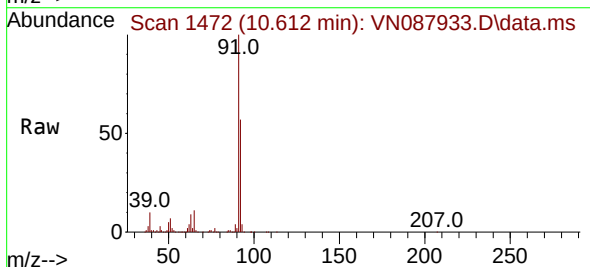
09/25/2025
Supervised By :Mahesh
Dadoda

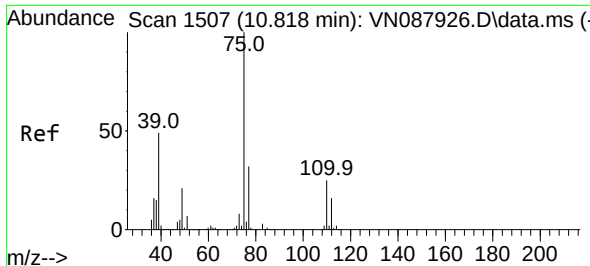
09/26/2025



#52
Toluene
Concen: 56.369 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

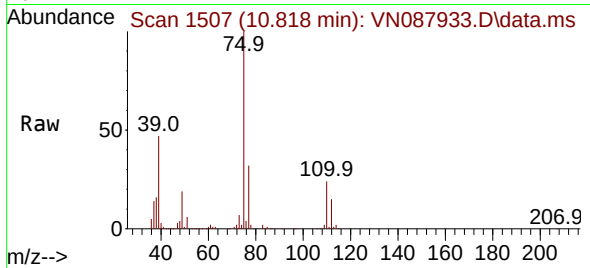
Tgt Ion: 92 Resp: 459785
Ion Ratio Lower Upper
92 100
91 174.8 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 57.959 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



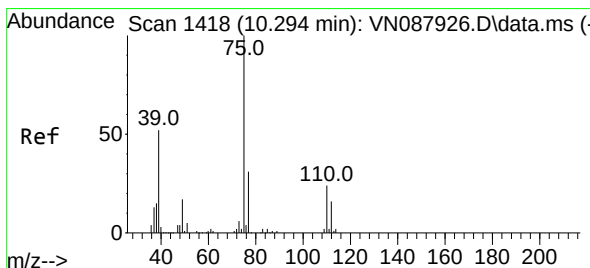
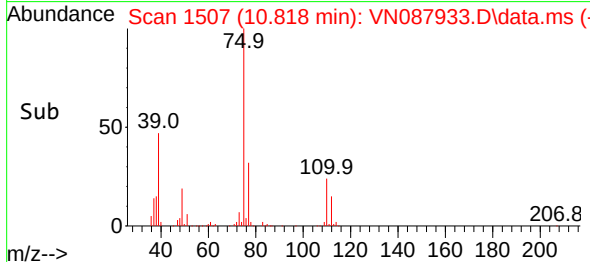
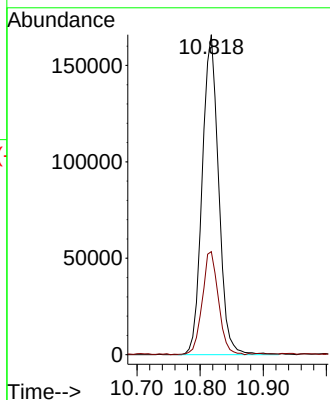
Tgt Ion: 75 Resp: 299223
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9

Manual Integrations
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Reviewed By :John
Carlone

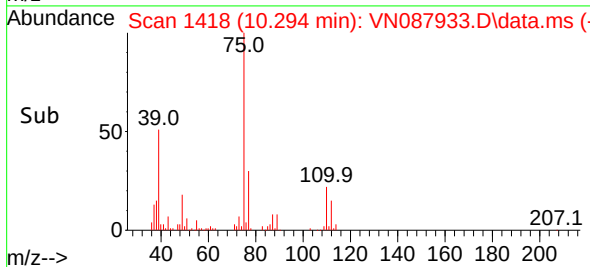
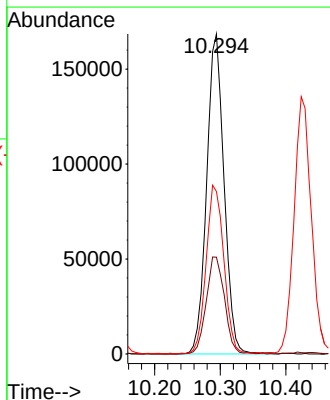
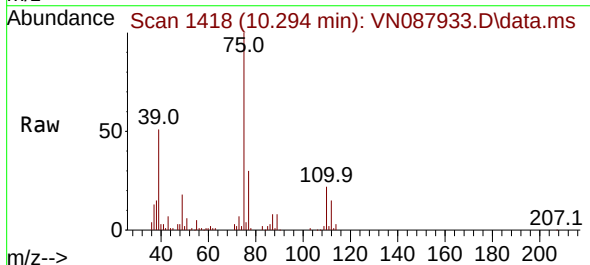
09/25/2025
Supervised By :Mahesh
Dadoda

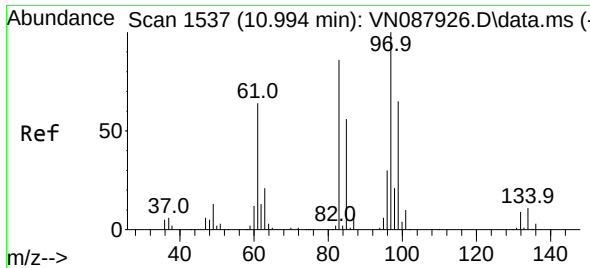
09/26/2025



#54
cis-1,3-Dichloropropene
Concen: 57.906 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

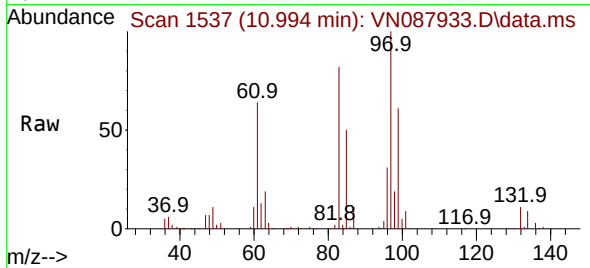
Tgt Ion: 75 Resp: 310488
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1
39 50.6 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 55.496 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



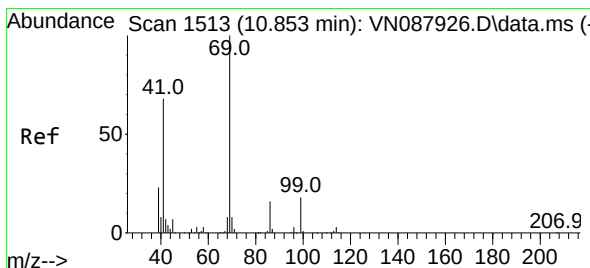
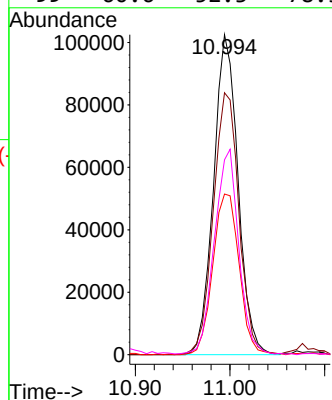
Tgt Ion: 97 Resp: 18405
Ion Ratio Lower Upper
97 100
83 81.7 69.0 103.4
85 50.2 44.4 66.6
99 60.6 52.3 78.5

Manual Integrations
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Reviewed By :John
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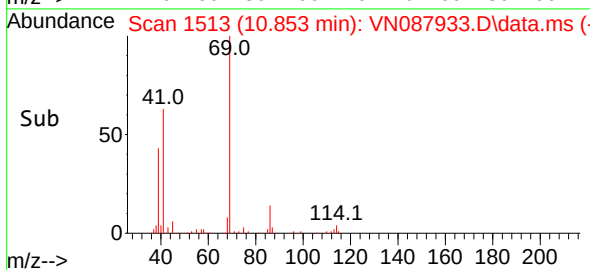
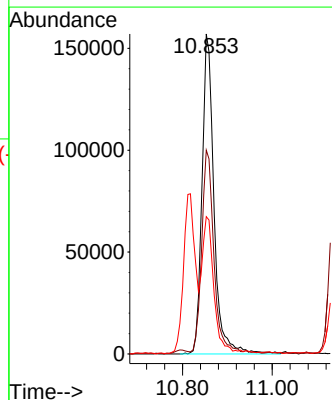
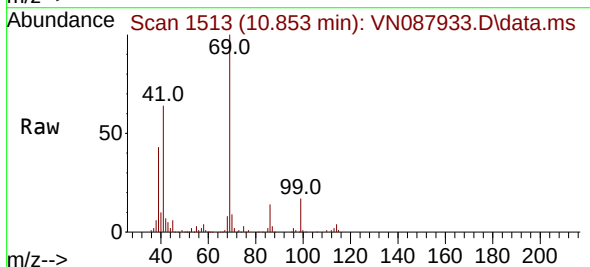
09/25/2025
Supervised By :Mahesh
Dadoda

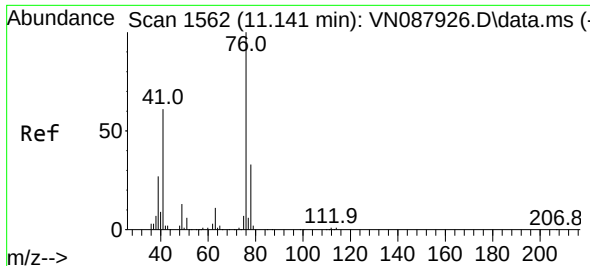
09/26/2025



#56
Ethyl methacrylate
Concen: 60.661 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Tgt Ion: 69 Resp: 290699
Ion Ratio Lower Upper
69 100
41 63.7 53.8 80.6
39 42.2 34.7 52.1





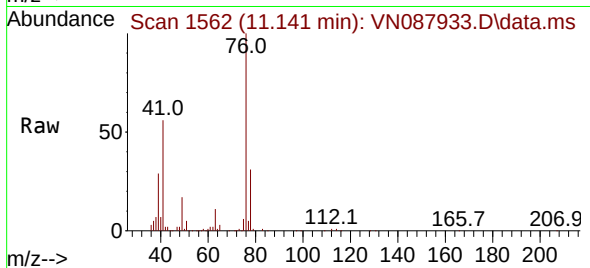
#57
1,3-Dichloropropane
Concen: 56.418 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 307750
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

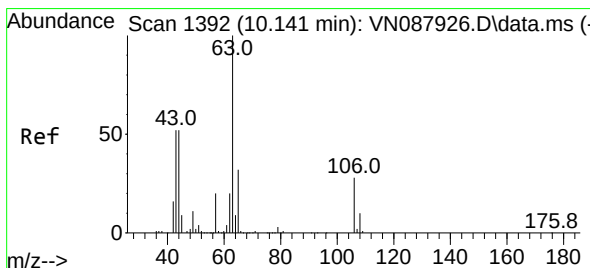
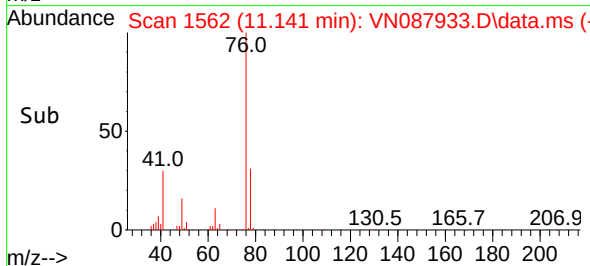
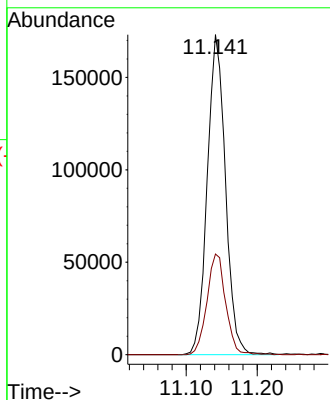
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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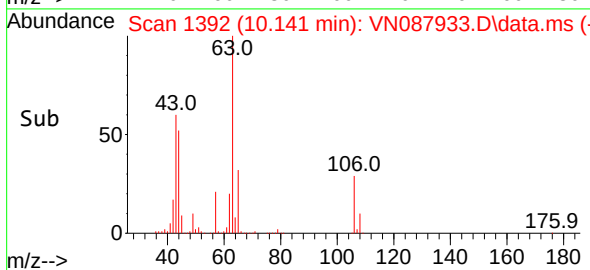
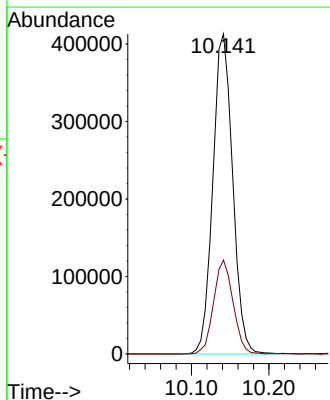
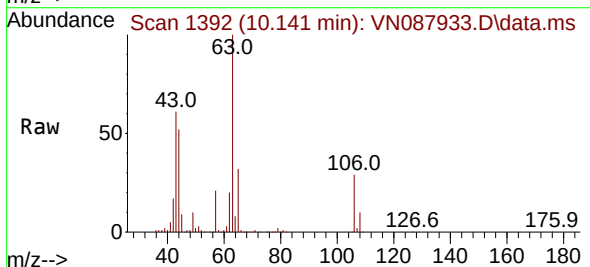
Supervised By :Mahesh
Dadoda

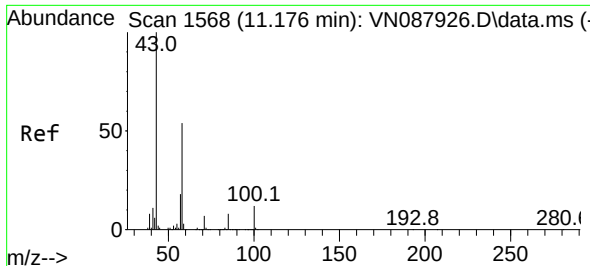
09/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 326.109 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

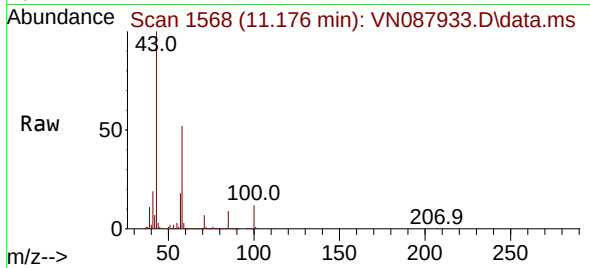
Tgt Ion: 63 Resp: 734787
Ion Ratio Lower Upper
63 100
106 28.9 22.6 33.8





#59
2-Hexanone
Concen: 324.882 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



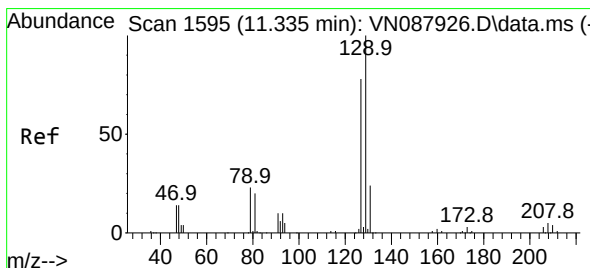
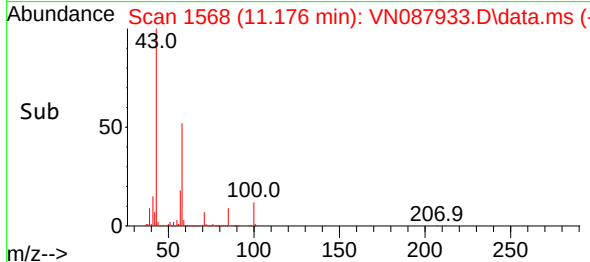
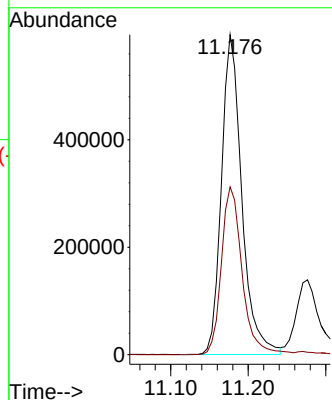
Tgt Ion: 43 Resp: 108770
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

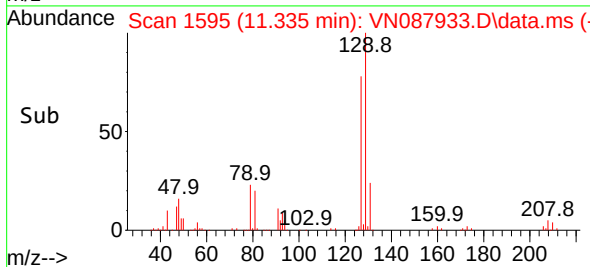
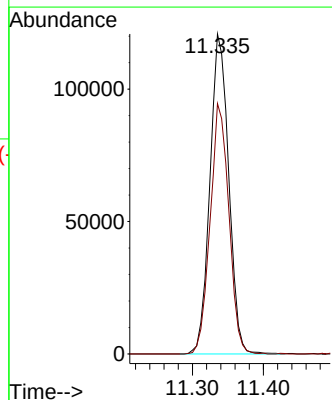
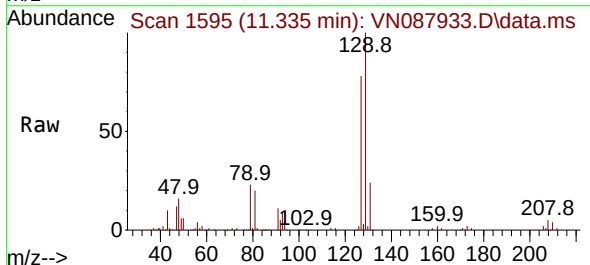
09/25/2025
Supervised By :Mahesh
Dadoda

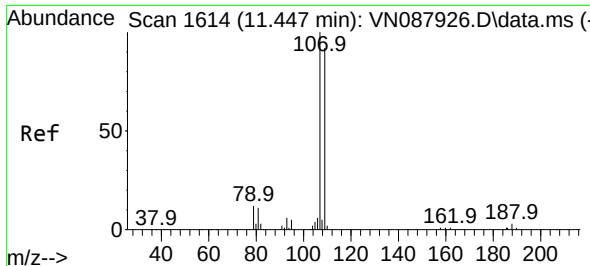
09/26/2025



#60
Dibromochloromethane
Concen: 56.853 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

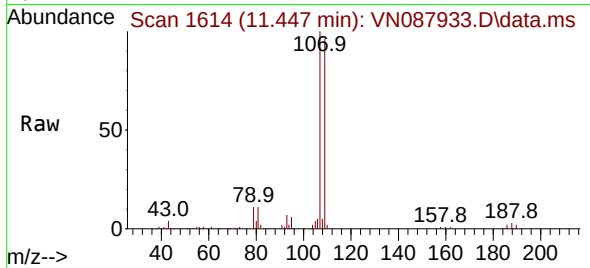
Tgt Ion:129 Resp: 221692
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#61
1,2-Dibromoethane
Concen: 55.462 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



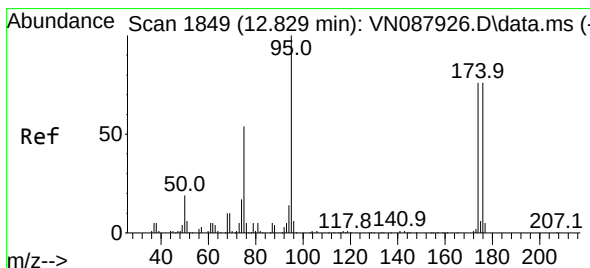
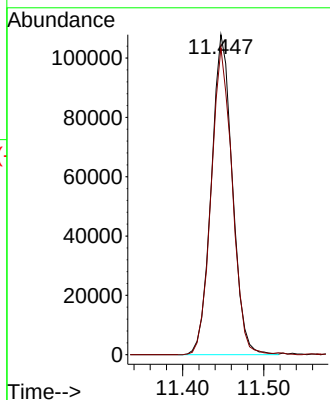
Tgt Ion:107 Resp: 194728
Ion Ratio Lower Upper
107 100
109 95.7 75.3 112.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

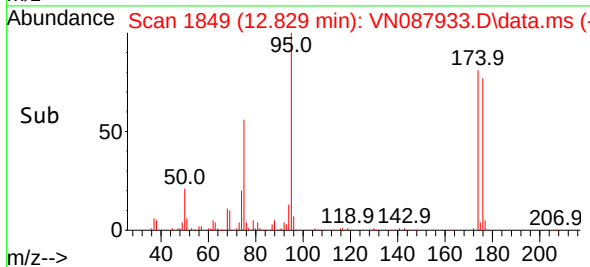
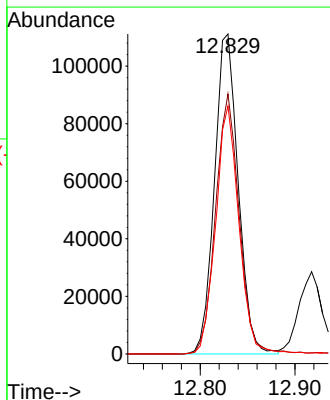
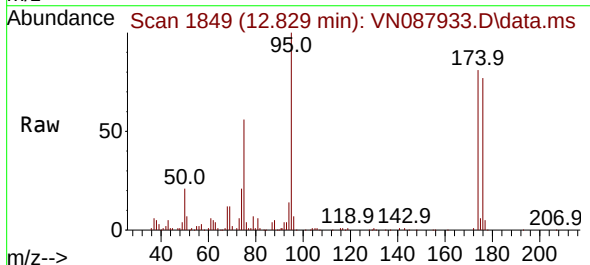
09/25/2025
Supervised By :Mahesh
Dadoda

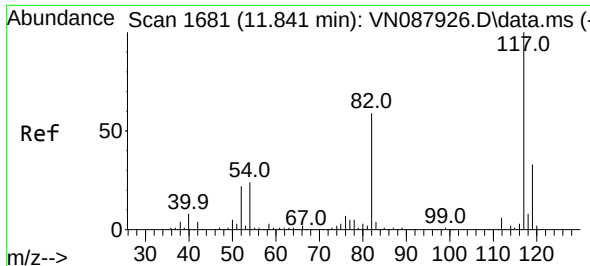
09/26/2025



#62
4-Bromofluorobenzene
Concen: 47.203 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

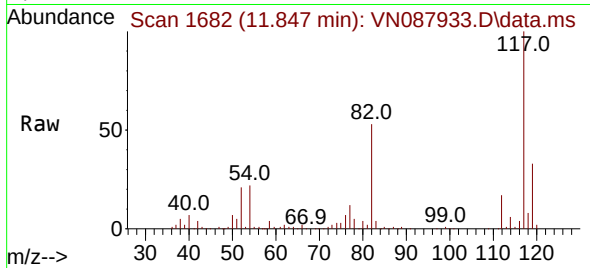
Tgt Ion: 95 Resp: 193711
Ion Ratio Lower Upper
95 100
174 81.1 0.0 159.2
176 76.2 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



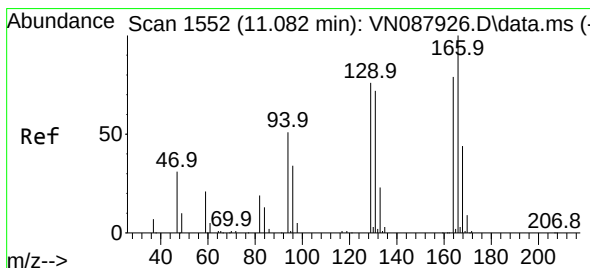
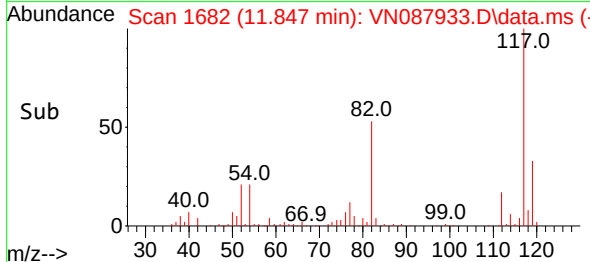
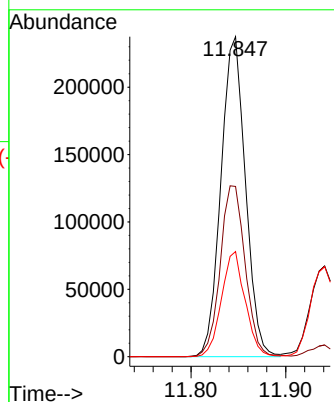
Tgt Ion:117 Resp: 42771
Ion Ratio Lower Upper
117 100
82 53.2 47.0 70.4
119 32.8 26.1 39.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

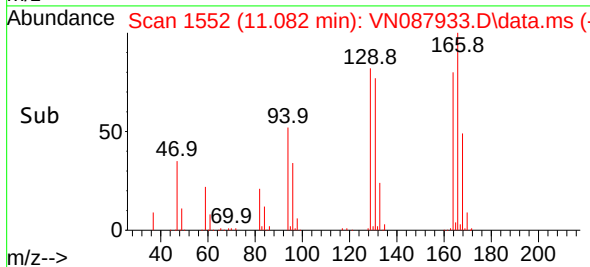
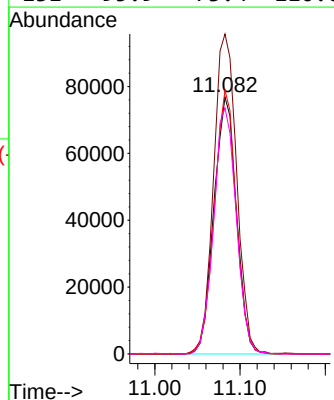
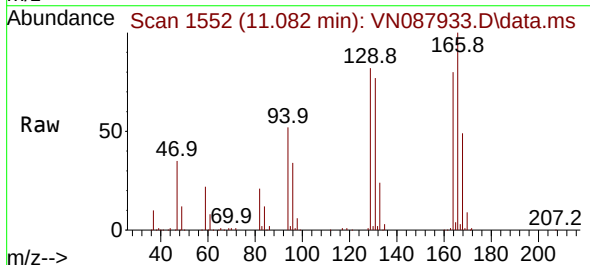
09/25/2025
Supervised By :Mahesh
Dadoda

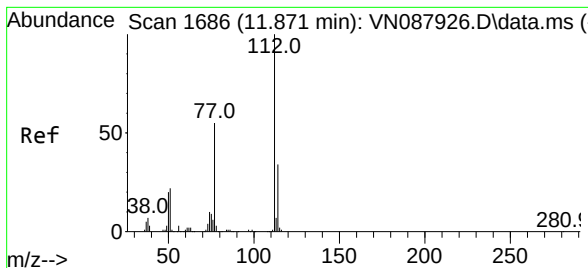
09/26/2025



#64
Tetrachloroethene
Concen: 54.289 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

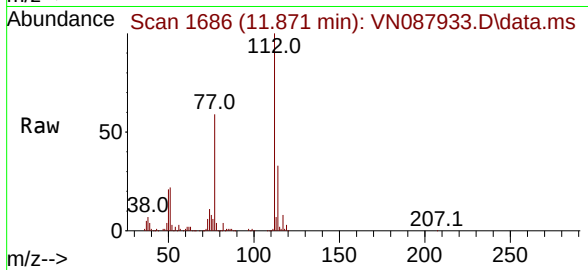
Tgt Ion:164 Resp: 141444
Ion Ratio Lower Upper
164 100
166 124.6 101.6 152.4
129 102.7 77.5 116.3
131 95.9 73.4 110.0





#65
Chlorobenzene
Concen: 56.175 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



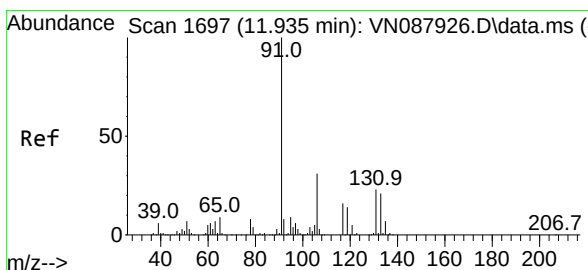
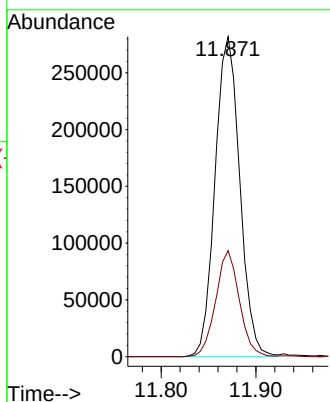
Tgt Ion:112 Resp: 511312
Ion Ratio Lower Upper
112 100
114 33.1 27.2 40.8

Manual Integrations
APPROVED

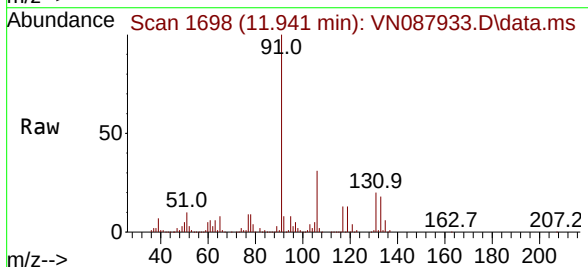
Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

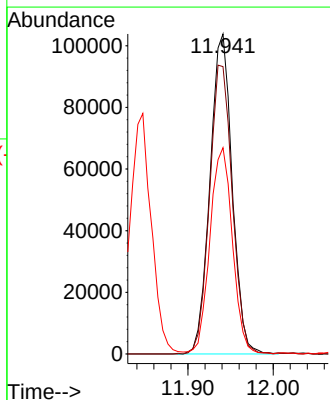
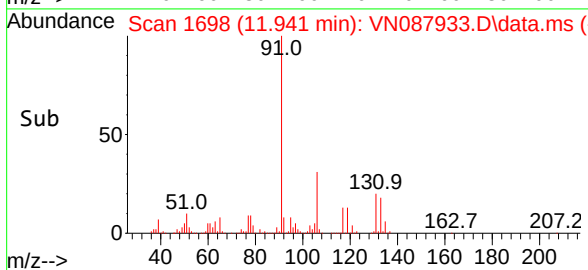
09/26/2025

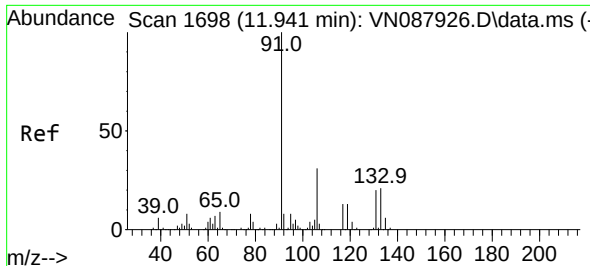


#66
1,1,1,2-Tetrachloroethane
Concen: 57.229 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27



Tgt Ion:131 Resp: 187847
Ion Ratio Lower Upper
131 100
133 92.6 48.4 145.0
119 65.5 31.9 95.5





#67

Ethyl Benzene

Concen: 57.564 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 87427

Ion Ratio Lower Upper

91 100

106 31.1 25.2 37.8

Manual Integrations

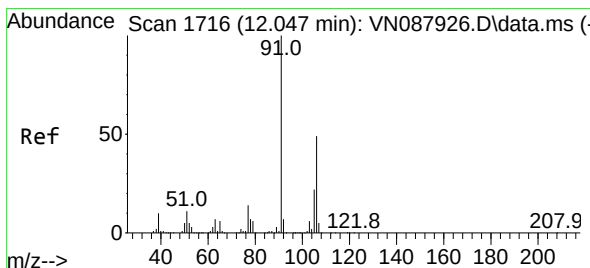
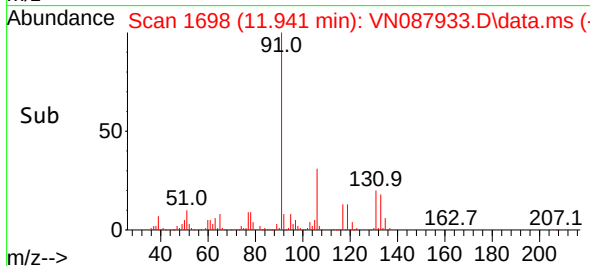
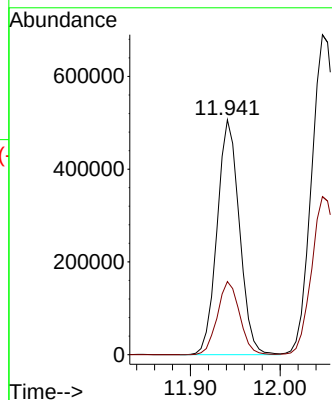
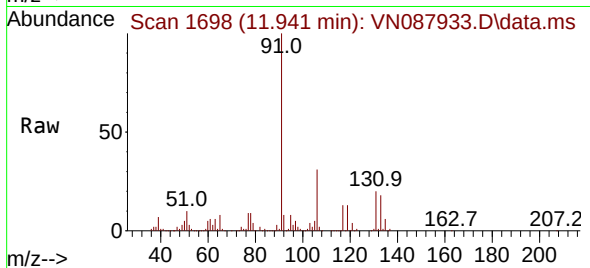
APPROVED

Reviewed By :John
Carlone

09/25/2025

Supervised By :Mahesh
Dadoda

09/26/2025



#68

m/p-Xylenes

Concen: 117.587 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN087933.D

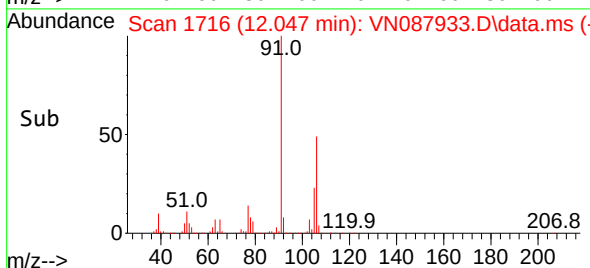
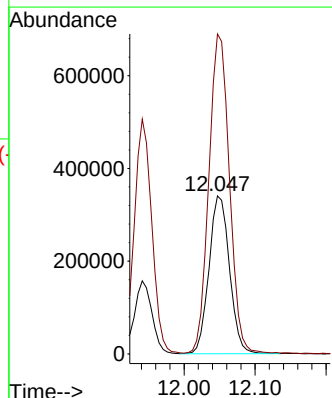
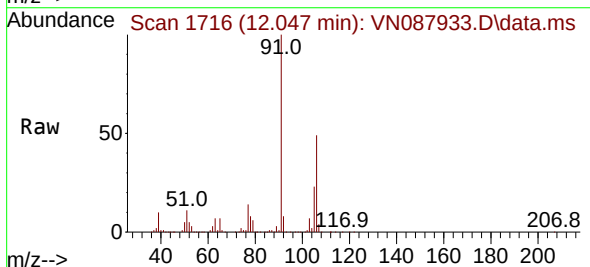
Acq: 24 Sep 2025 08:27

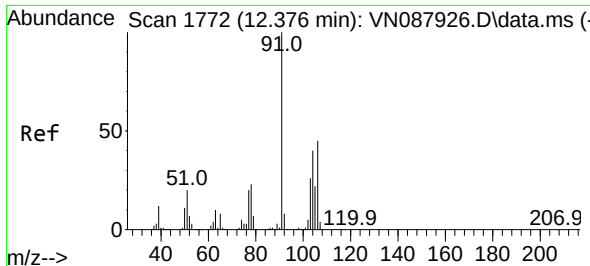
Tgt Ion:106 Resp: 683023

Ion Ratio Lower Upper

106 100

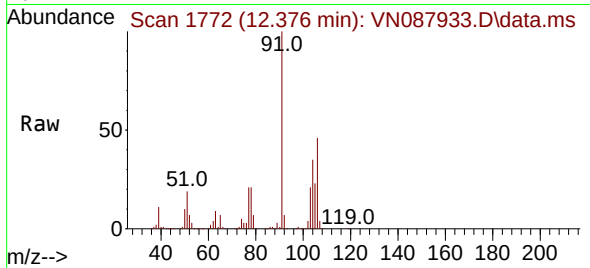
91 203.0 162.9 244.3





#69
o-Xylene
Concen: 57.859 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



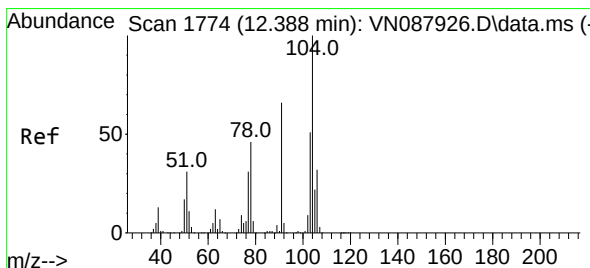
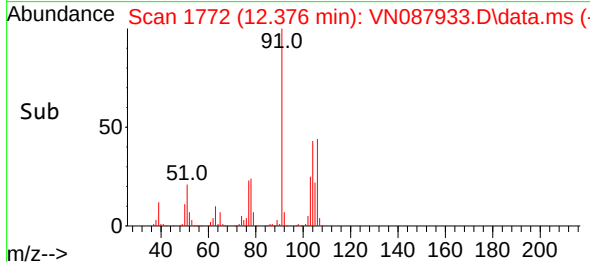
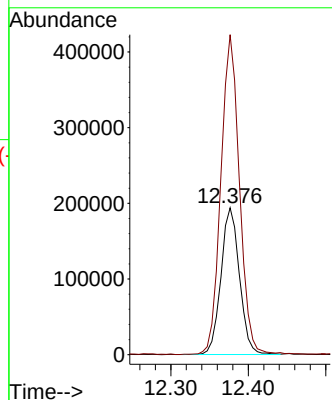
Tgt Ion:106 Resp: 32289
Ion Ratio Lower Upper
106 100
91 219.0 108.2 324.6

Manual Integrations
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Reviewed By :John
Carlone

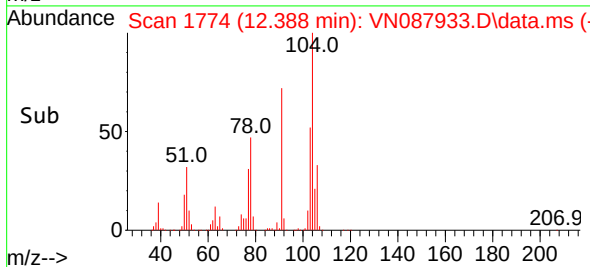
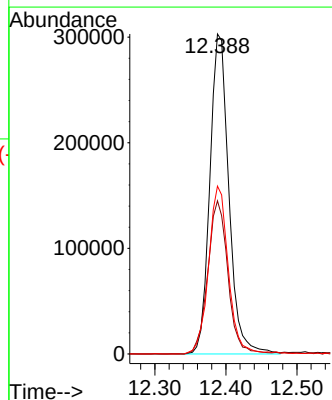
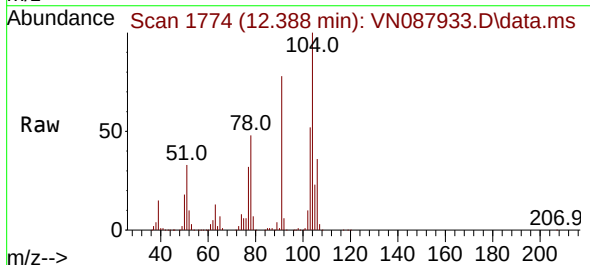
09/25/2025
Supervised By :Mahesh
Dadoda

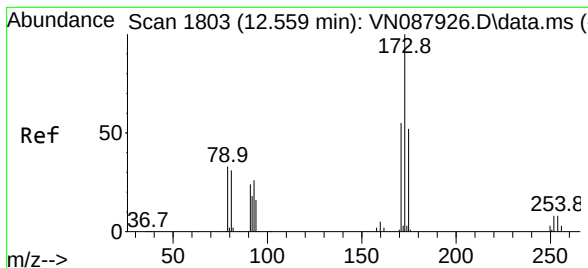
09/26/2025



#70
Styrene
Concen: 58.783 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

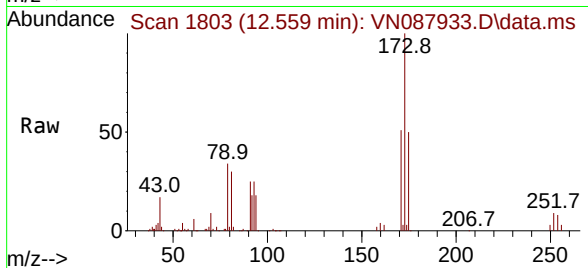
Tgt Ion:104 Resp: 563415
Ion Ratio Lower Upper
104 100
78 50.6 39.7 59.5
103 54.7 44.6 67.0





#71
Bromoform
Concen: 58.583 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



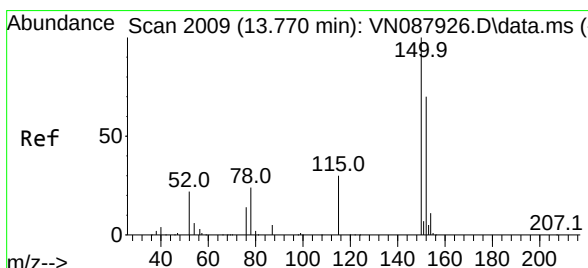
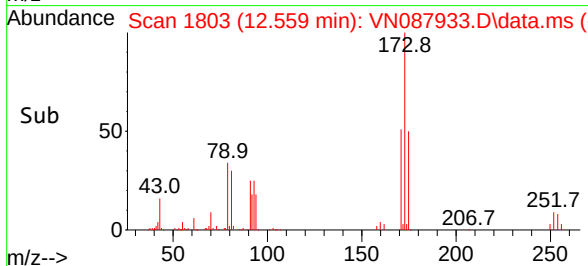
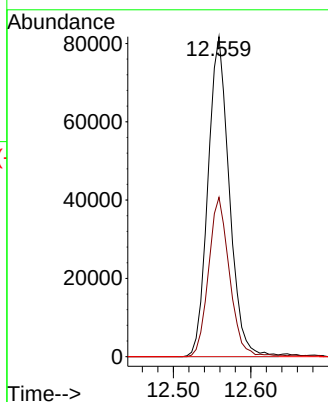
Tgt Ion:173 Resp: 156000
Ion Ratio Lower Upper
173 100
175 49.1 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
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Reviewed By :John
Carlone

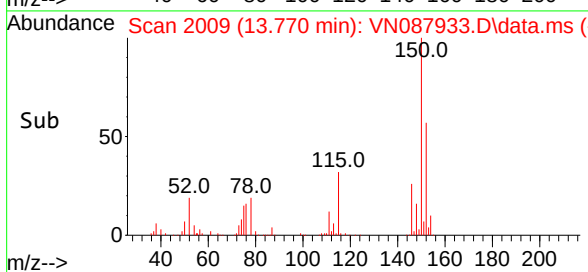
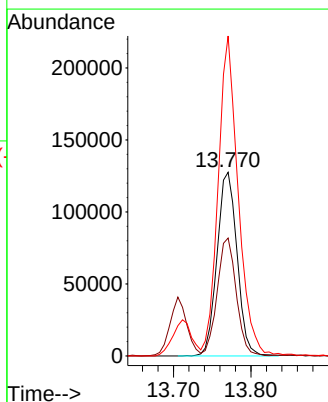
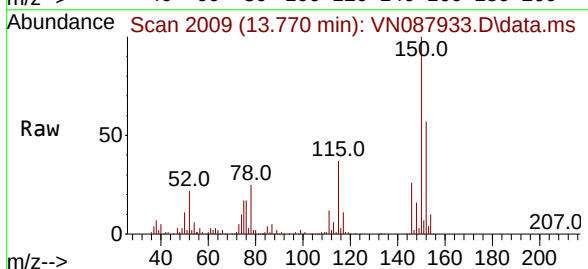
09/25/2025
Supervised By :Mahesh
Dadoda

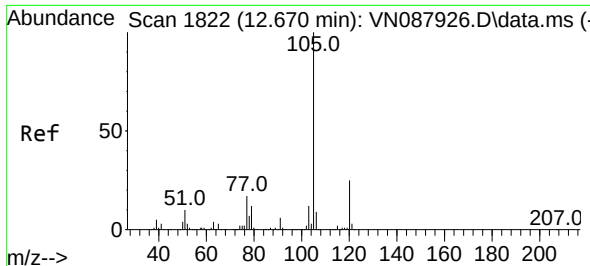
09/26/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

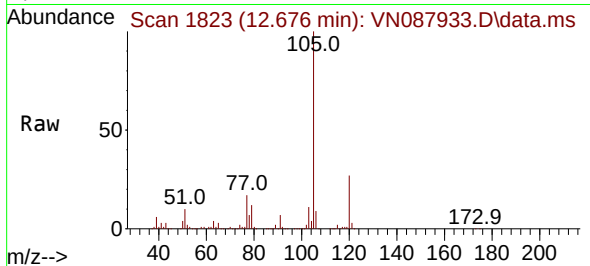
Tgt Ion:152 Resp: 229000
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 173.9 0.0 335.0





#73
Isopropylbenzene
Concen: 58.574 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



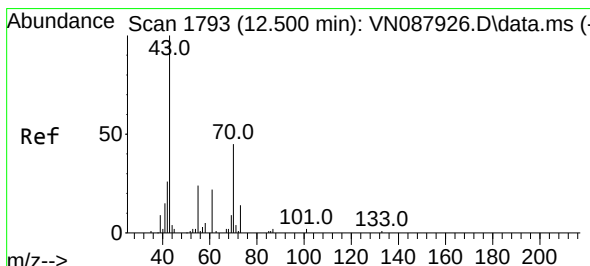
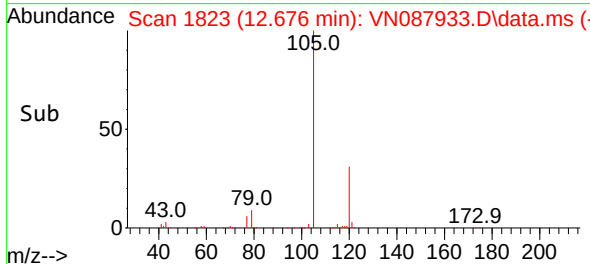
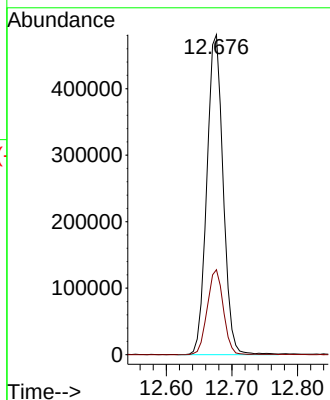
Tgt Ion: 105 Resp: 83133
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
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Reviewed By :John
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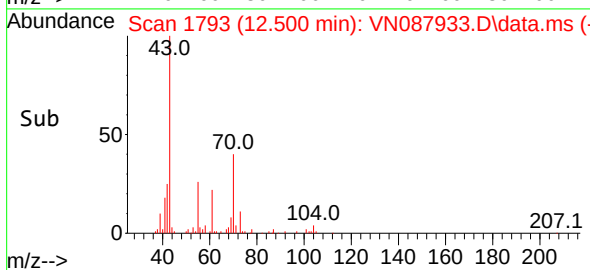
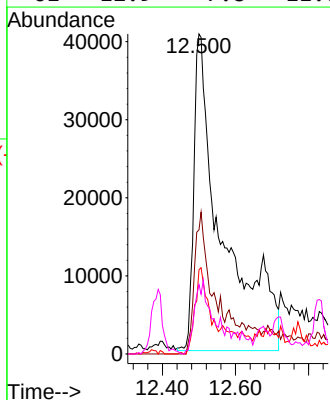
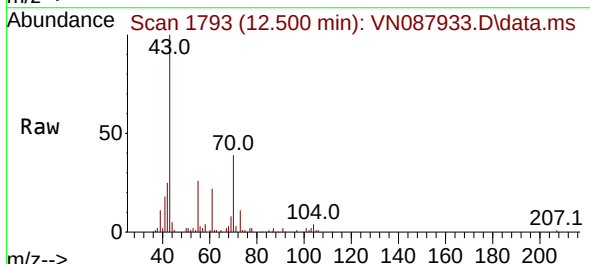
09/25/2025
Supervised By :Mahesh
Dadoda

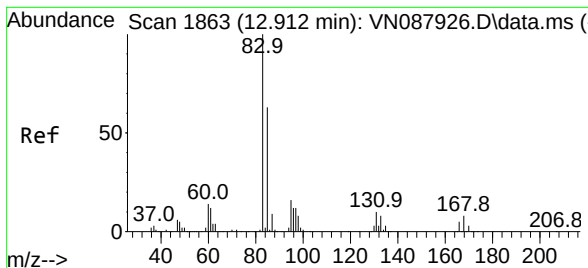
09/26/2025



#74
N-ethyl acetate
Concen: 47.157 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

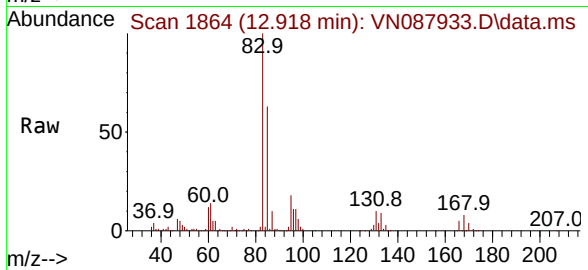
Tgt Ion: 43 Resp: 220526
Ion Ratio Lower Upper
43 100
70 25.8 19.8 29.8
55 13.5 9.6 14.4
61 12.9 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 55.082 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



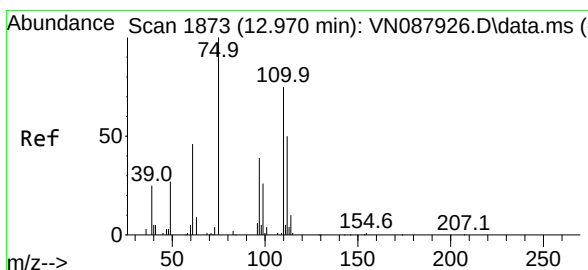
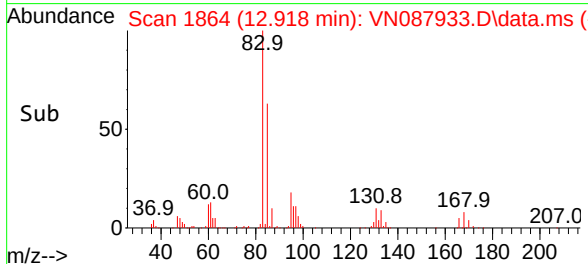
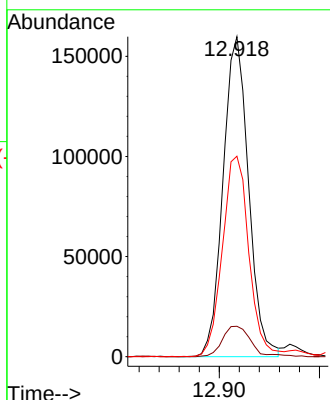
Tgt Ion: 83 Resp: 281670
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 65.3 32.4 97.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

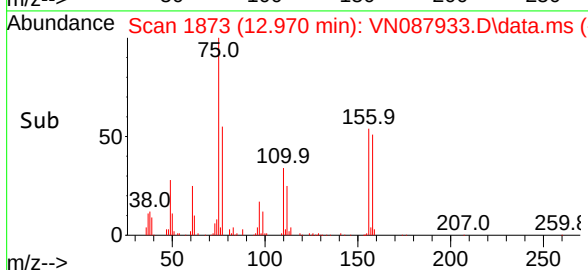
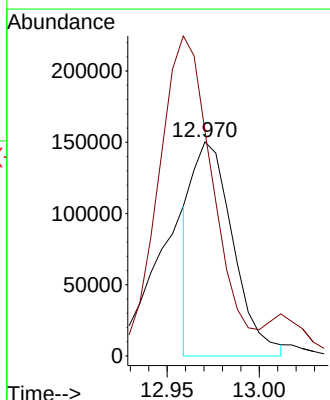
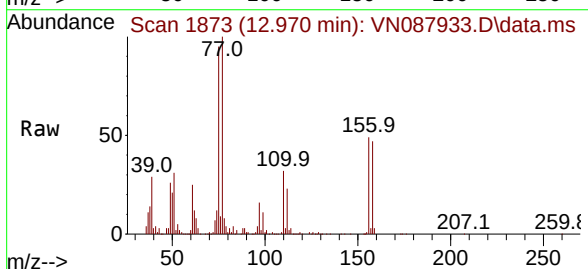
09/25/2025
Supervised By :Mahesh
Dadoda

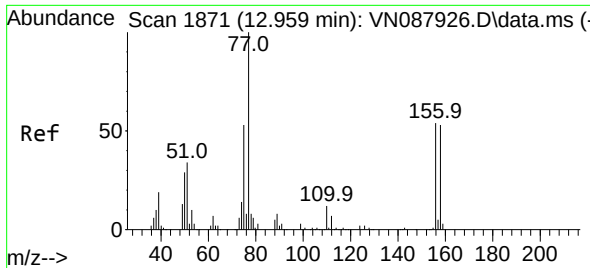
09/26/2025



#76
1,2,3-Trichloropropane
Concen: 51.389 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

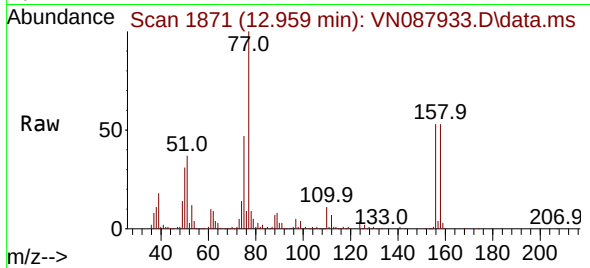
Tgt Ion: 75 Resp: 231978
Ion Ratio Lower Upper
75 100
77 200.1 89.5 268.5





#77
Bromobenzene
Concen: 57.277 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



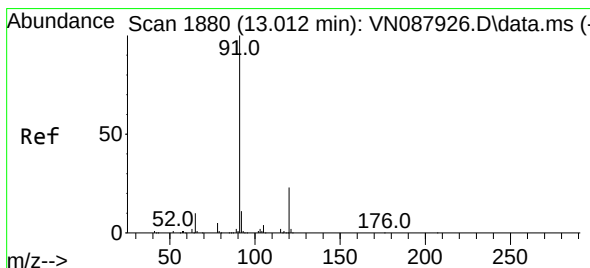
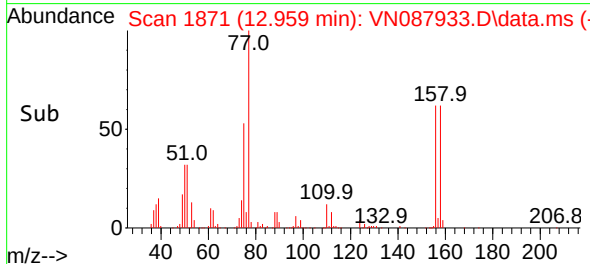
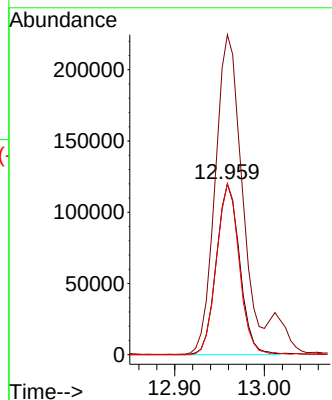
Tgt Ion:156 Resp: 216293
Ion Ratio Lower Upper
156 100
77 214.7 108.2 324.6
158 98.0 49.6 149.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

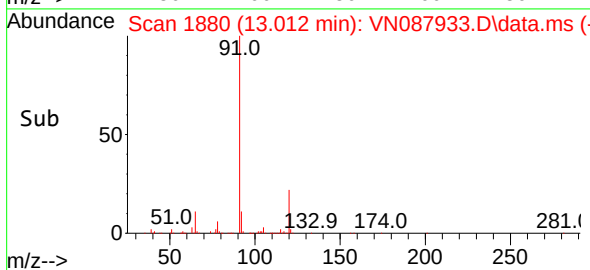
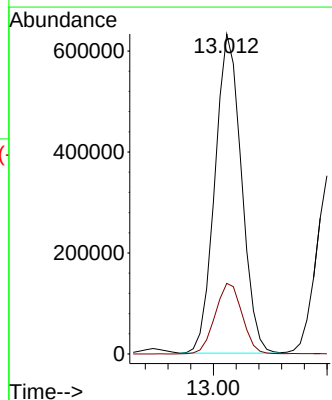
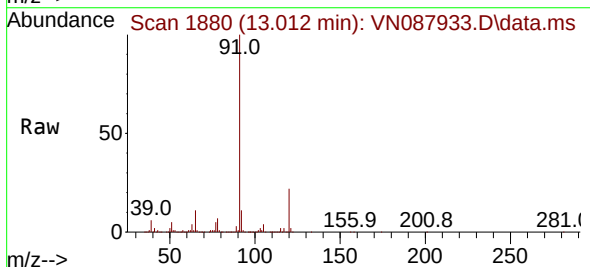
09/25/2025
Supervised By :Mahesh
Dadoda

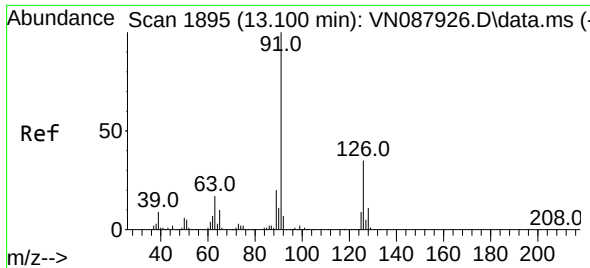
09/26/2025



#78
n-propylbenzene
Concen: 57.877 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

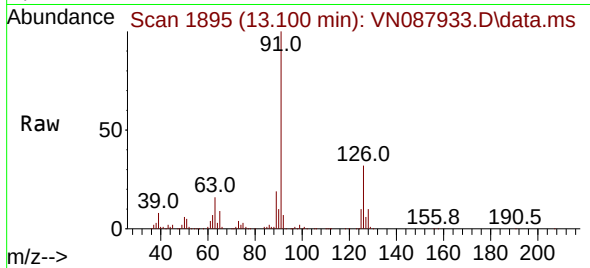
Tgt Ion: 91 Resp: 1027023
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1





#79
2-Chlorotoluene
Concen: 57.175 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



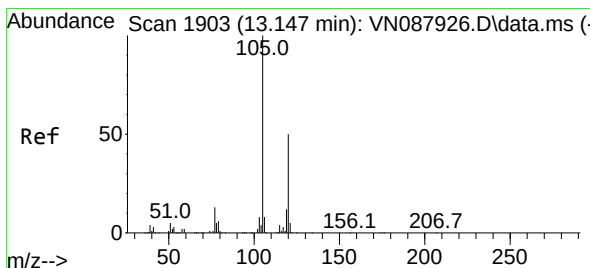
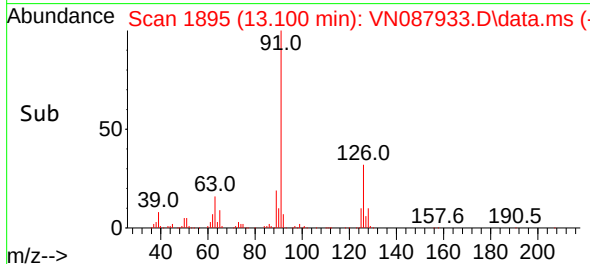
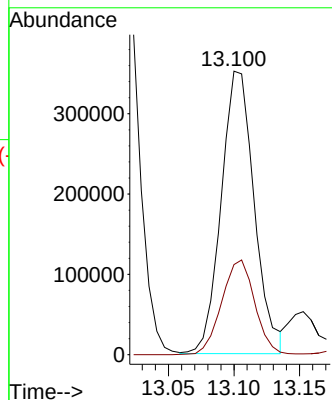
Tgt Ion: 91 Resp: 617760
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8

Manual Integrations
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Reviewed By :John
Carlone

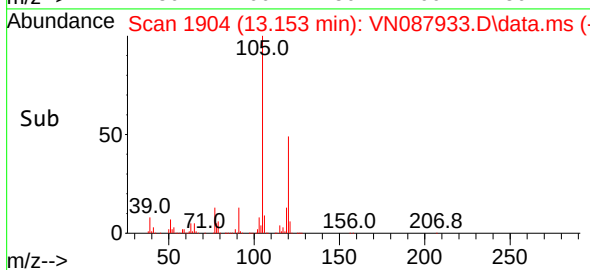
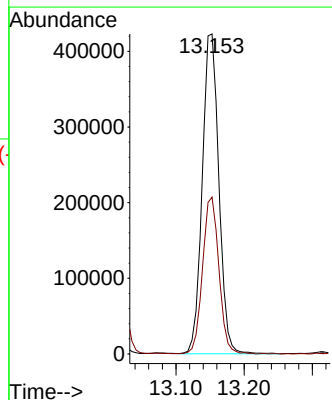
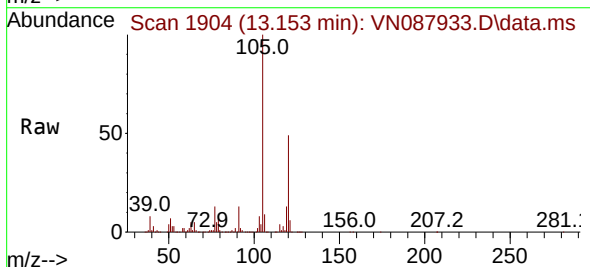
09/25/2025
Supervised By :Mahesh
Dadoda

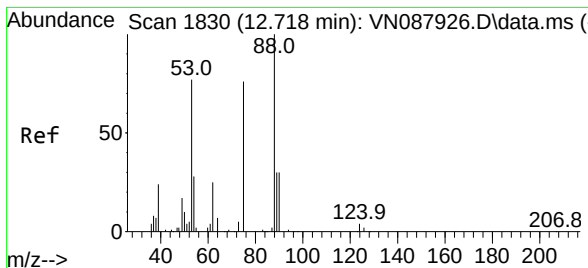
09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.467 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

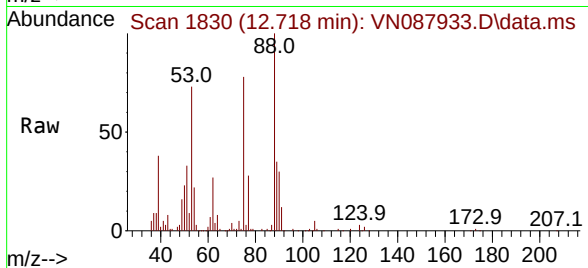
Tgt Ion:105 Resp: 717763
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 69.046 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



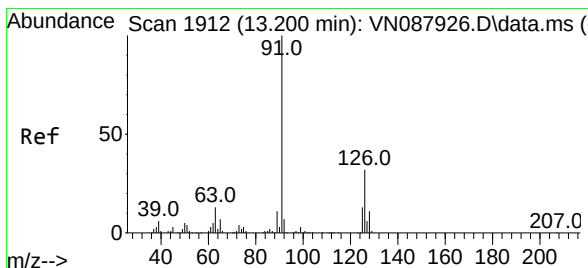
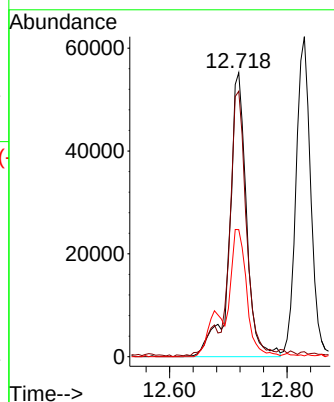
Tgt Ion: 75 Resp: 11224
Ion Ratio Lower Upper
75 100
53 84.3 82.0 123.0
89 40.8 36.1 54.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

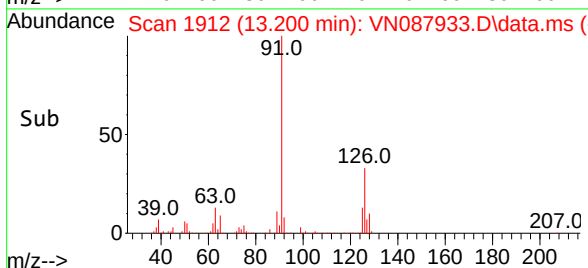
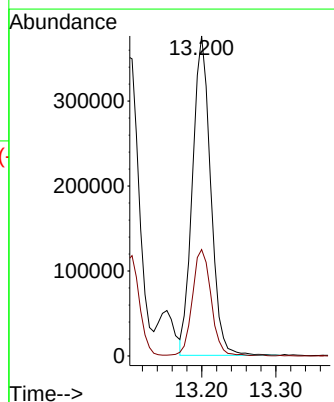
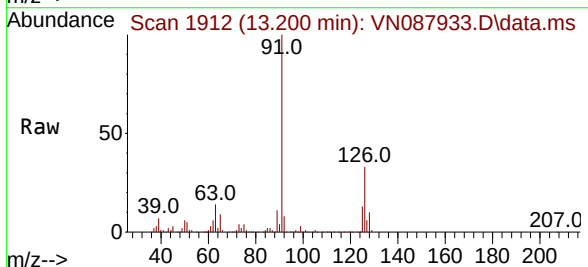
09/25/2025
Supervised By :Mahesh
Dadoda

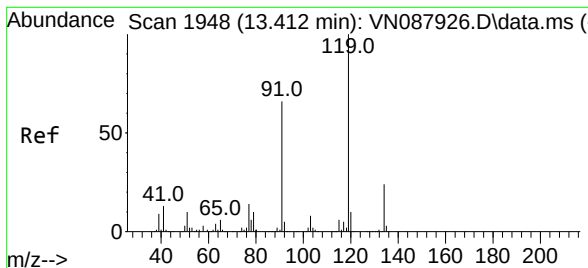
09/26/2025



#82
4-Chlorotoluene
Concen: 58.739 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

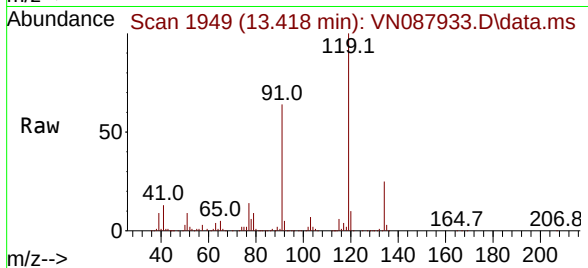
Tgt Ion: 91 Resp: 639502
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6





#83
tert-Butylbenzene
Concen: 59.733 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



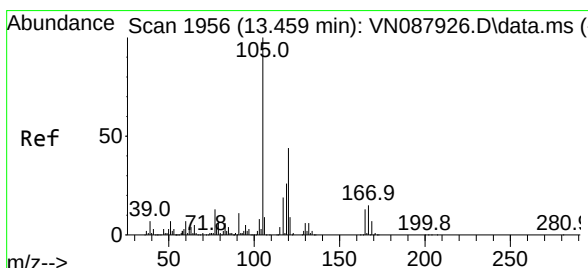
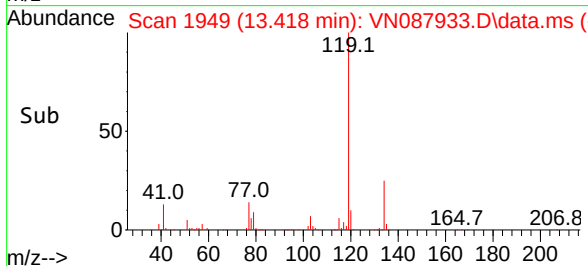
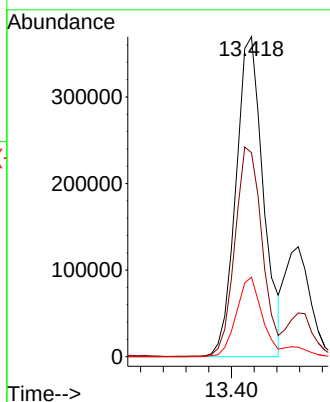
Tgt Ion:119 Resp: 620694
Ion Ratio Lower Upper
119 100
91 64.7 32.1 96.3
134 23.8 12.3 36.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

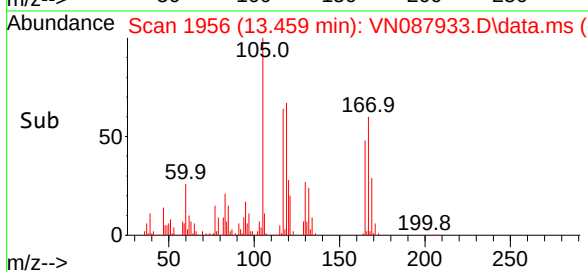
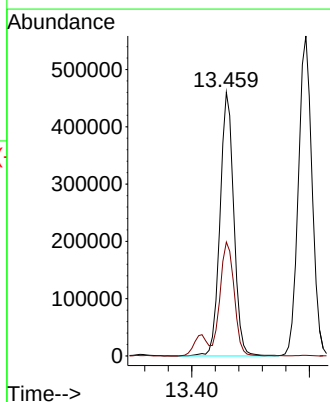
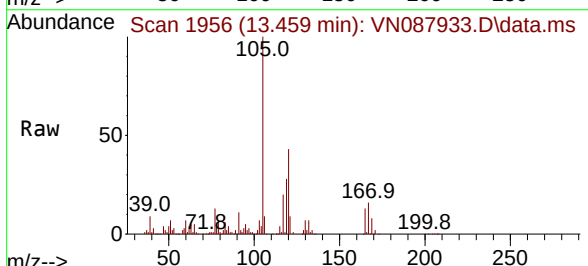
09/25/2025
Supervised By :Mahesh
Dadoda

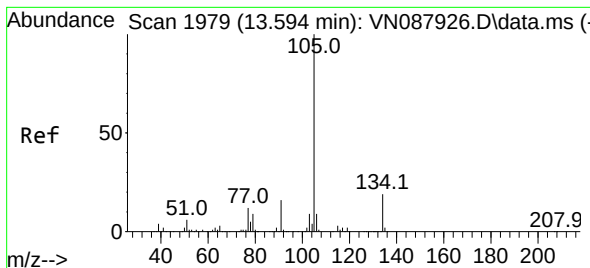
09/26/2025



#84
1,2,4-Trimethylbenzene
Concen: 59.548 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

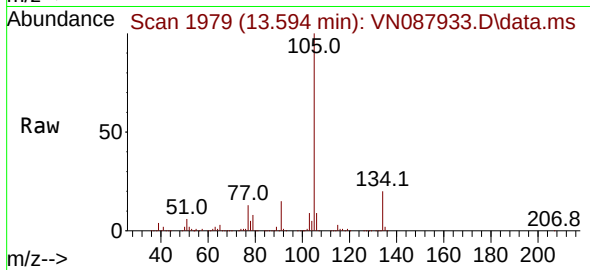
Tgt Ion:105 Resp: 749831
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 59.124 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087933.D
 Acq: 24 Sep 2025 08:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



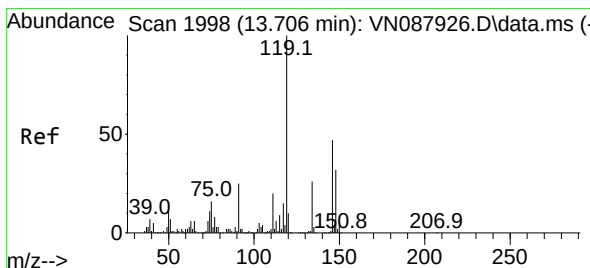
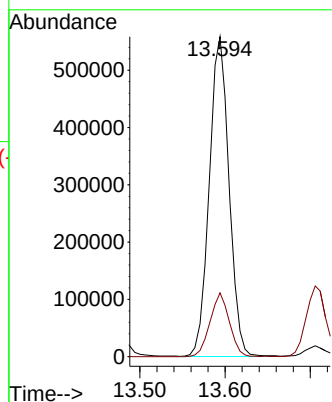
Tgt Ion:105 Resp: 90074
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

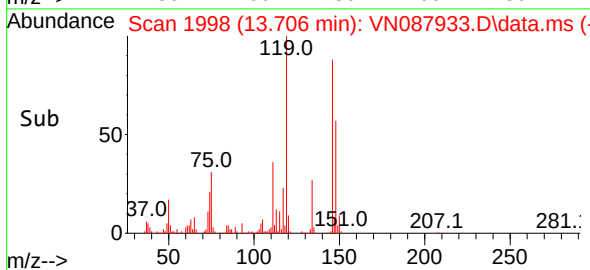
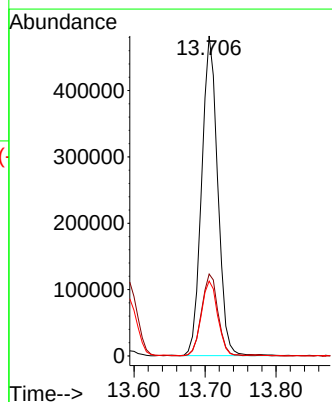
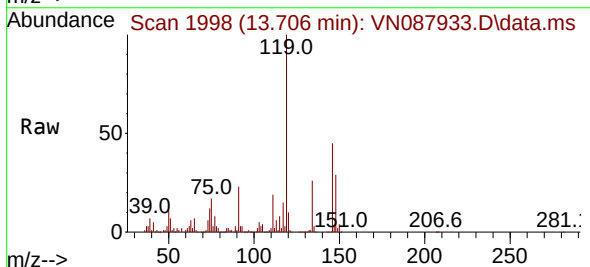
09/25/2025
 Supervised By :Mahesh
 Dadoda

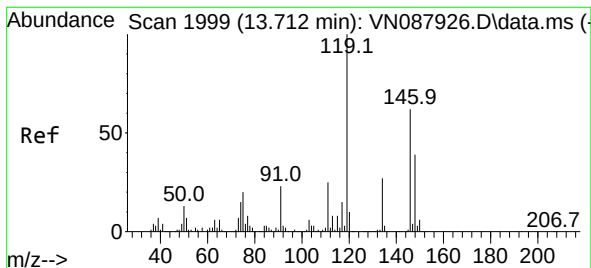
09/26/2025



#86
 p-Isopropyltoluene
 Concen: 58.723 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087933.D
 Acq: 24 Sep 2025 08:27

Tgt Ion:119 Resp: 757709
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 57.532 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	423962
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.3	60.8
148	63.7	32.4	97.2

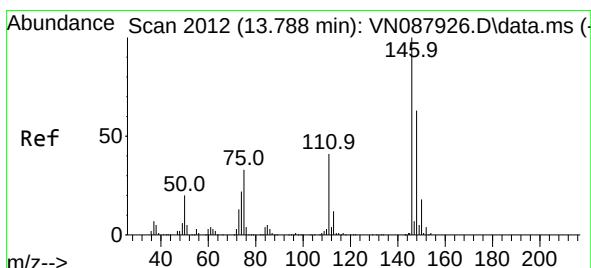
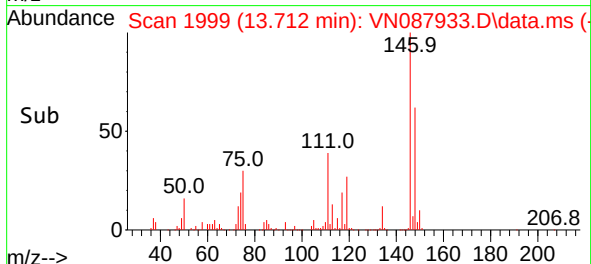
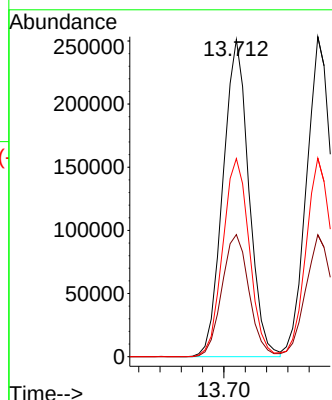
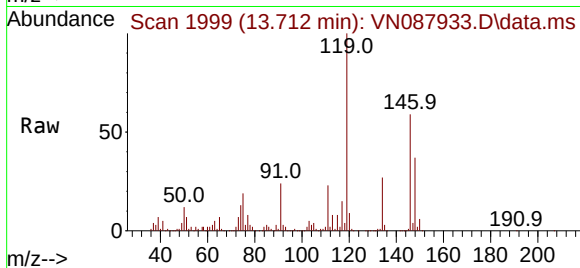
Manual Integrations

APPROVED

Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

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#88

1,4-Dichlorobenzene

Concen: 56.986 ug/l

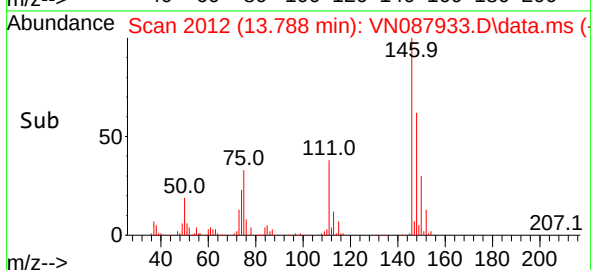
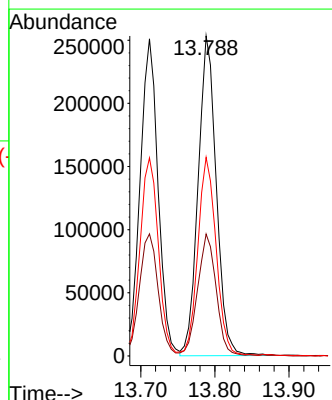
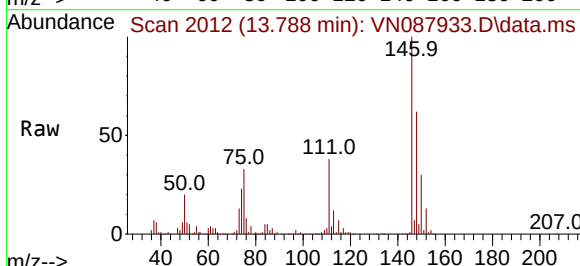
RT: 13.788 min Scan# 2012

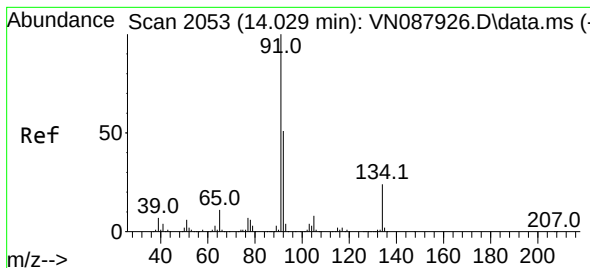
Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Tgt Ion:	146	Resp:	431567
Ion Ratio	Lower	Upper	
146	100		
111	38.8	20.5	61.5
148	62.1	32.8	98.4





#89

n-Butylbenzene

Concen: 58.499 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	91	Resp:	713339
Ion Ratio	Lower	Upper	
91	100		
92	52.2	25.9	77.8
134	25.6	12.6	37.8

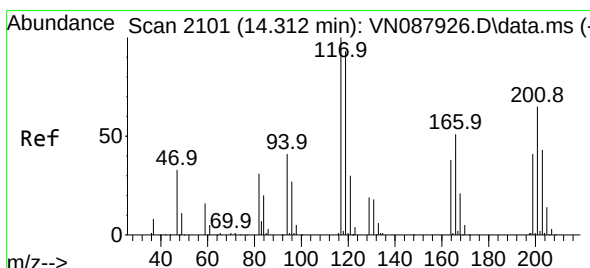
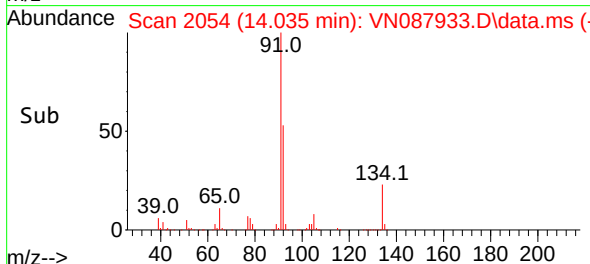
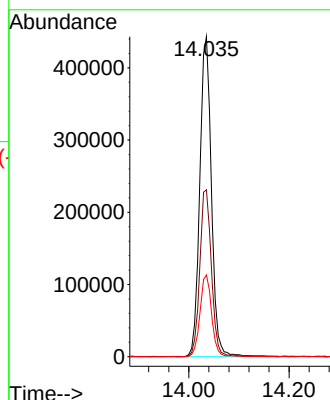
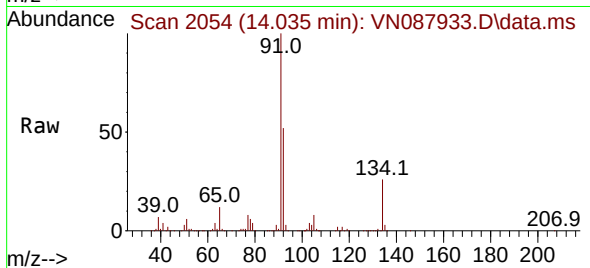
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/25/2025

Supervised By :Mahesh
Dadoda

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#90

Hexachloroethane

Concen: 54.796 ug/l

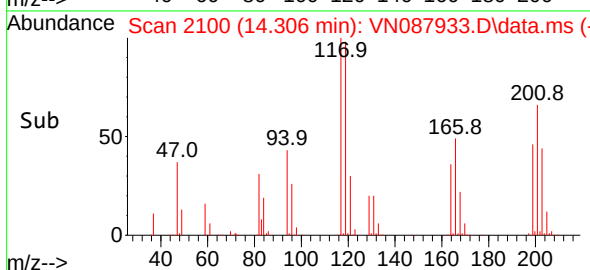
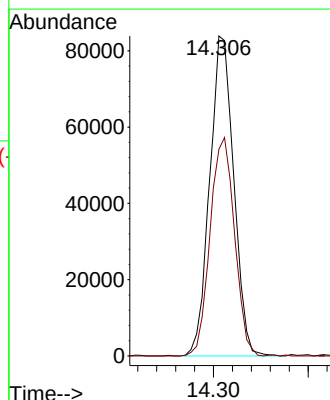
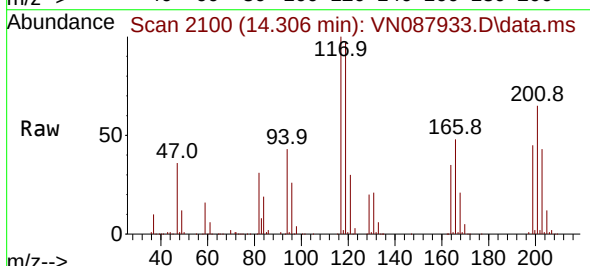
RT: 14.306 min Scan# 2100

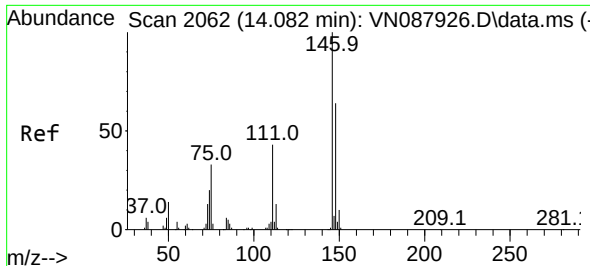
Delta R.T. -0.006 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

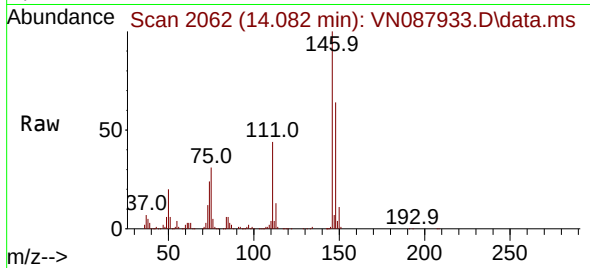
Tgt Ion:	117	Resp:	147691
Ion Ratio	Lower	Upper	
117	100		
201	69.2	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 55.866 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



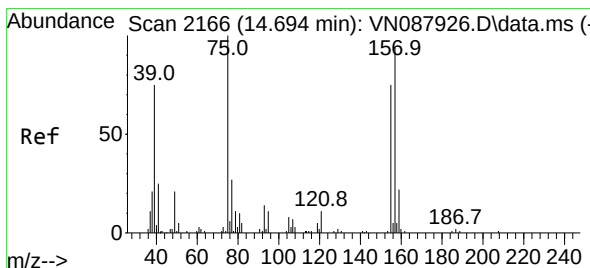
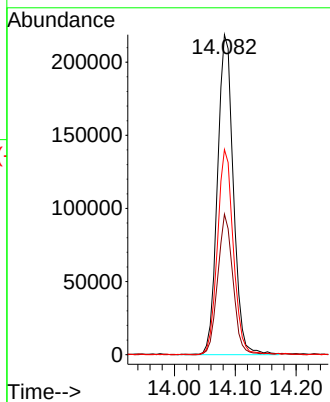
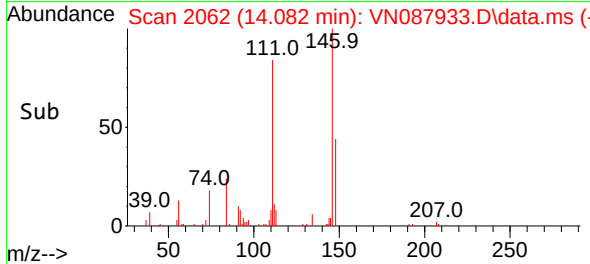
Tgt Ion:146 Resp: 396820
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.7
148 64.0 31.9 95.9

Manual Integrations
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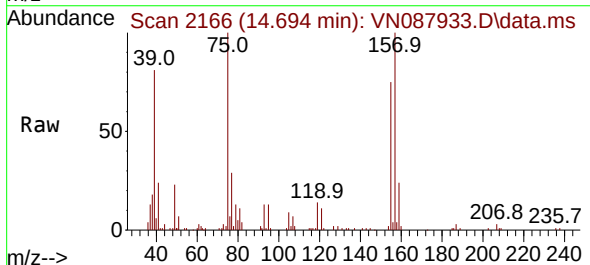
Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

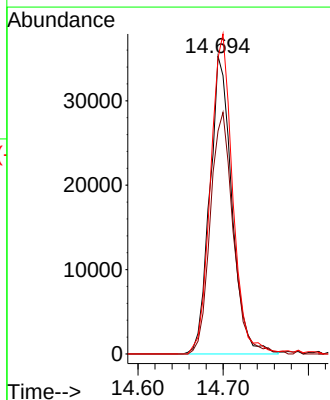
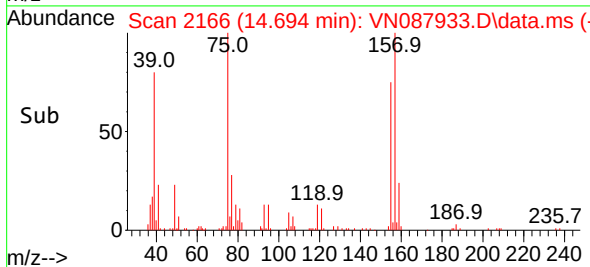
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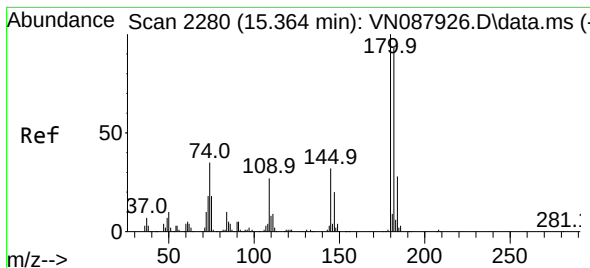


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.571 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27



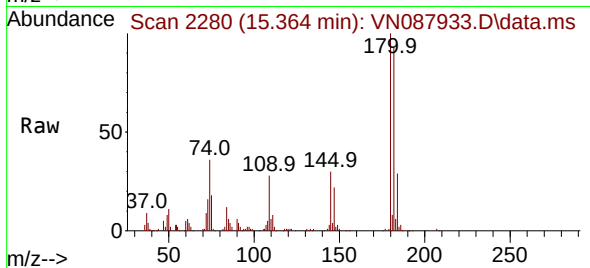
Tgt Ion: 75 Resp: 63654
Ion Ratio Lower Upper
75 100
155 84.2 40.2 120.6
157 107.3 50.9 152.7





#93
1,2,4-Trichlorobenzene
Concen: 57.214 ug/l
RT: 15.364 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



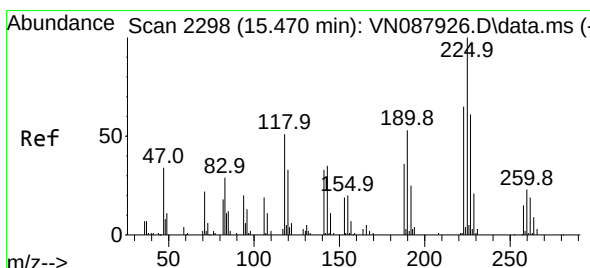
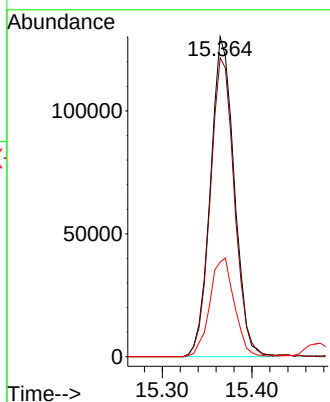
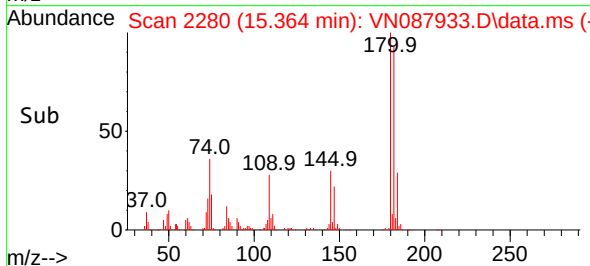
Tgt Ion:180 Resp: 23995
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.5
145 31.9 15.9 47.6

Manual Integrations
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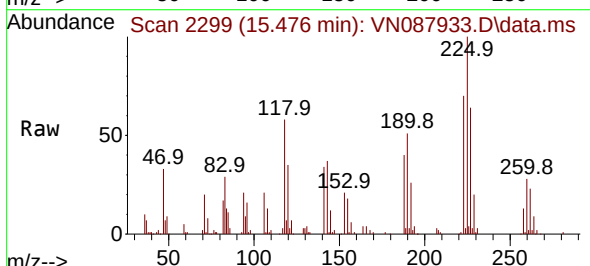
Reviewed By :John
Carlone

09/25/2025
Supervised By :Mahesh
Dadoda

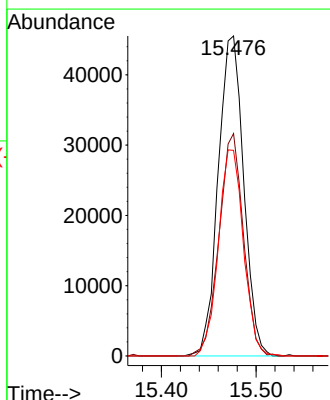
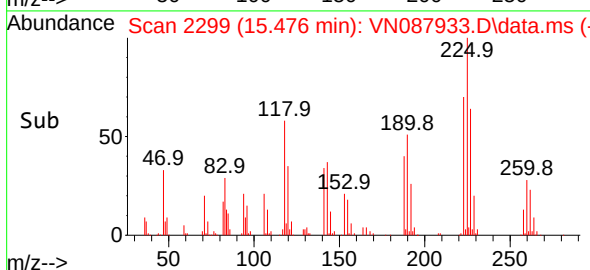
09/26/2025

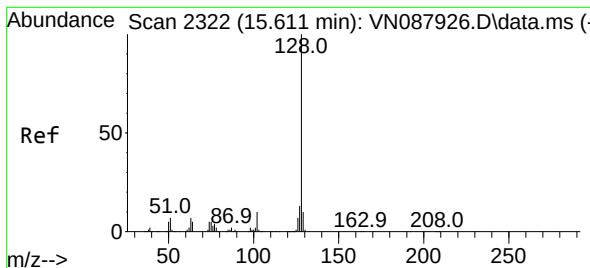


#94
Hexachlorobutadiene
Concen: 55.087 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN087933.D
Acq: 24 Sep 2025 08:27



Tgt Ion:225 Resp: 85034
Ion Ratio Lower Upper
225 100
223 66.6 31.8 95.4
227 63.6 31.9 95.9





#95

Naphthalene

Concen: 59.326 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128	Resp: 79868
Ion Ratio	Lower Upper
128 100	
127 12.9	10.2 15.4
129 11.0	8.6 13.0

Manual Integrations

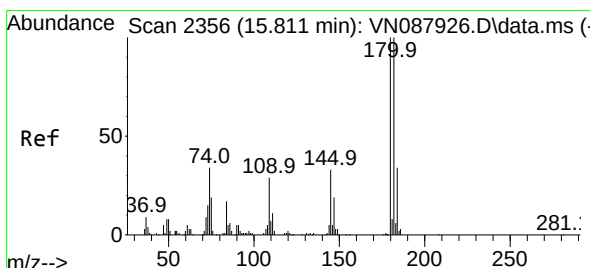
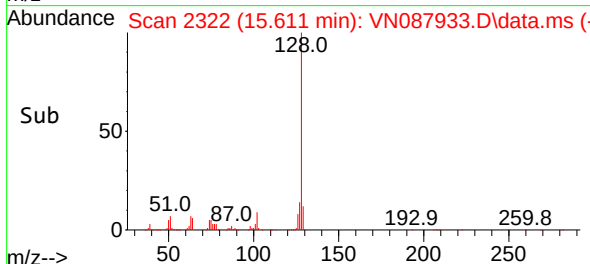
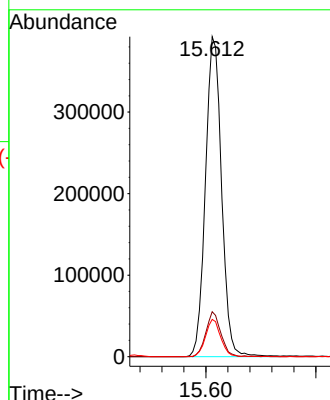
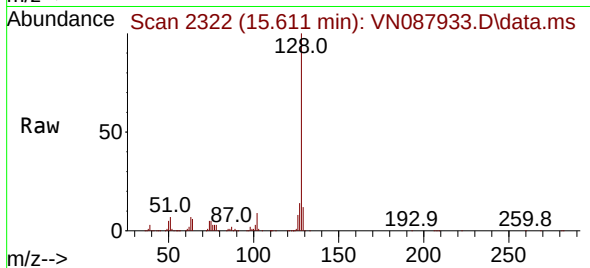
APPROVED

Reviewed By :John
Carlone

09/25/2025

Supervised By :Mahesh
Dadoda

09/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 58.392 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087933.D

Acq: 24 Sep 2025 08:27

Tgt Ion:180	Resp: 238078
Ion Ratio	Lower Upper
180 100	
182 92.8	47.3 142.0
145 32.6	16.1 48.3

