

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087951.D
 Acq On : 25 Sep 2025 13:56
 Operator : JC\MD
 Sample : VN0925WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 07:30:07 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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	279067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	498231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	456591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	244468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	230752	49.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	8.153	113	175082	48.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.547	98	659020	51.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.620%		
62) 4-Bromofluorobenzene	12.829	95	226467	49.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71066	21.989	ug/l	95
3) Chloromethane	2.383	50	63566	19.209	ug/l	94
4) Vinyl Chloride	2.542	62	69167	20.488	ug/l	94
5) Bromomethane	2.977	94	42086	20.108	ug/l	92
6) Chloroethane	3.136	64	43512	19.822	ug/l #	88
7) Trichlorofluoromethane	3.512	101	115712	21.051	ug/l	97
8) Diethyl Ether	3.959	74	36695	17.671	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	62085	21.370	ug/l	98
10) Methyl Iodide	4.583	142	48022	18.366	ug/l	99
11) Tert butyl alcohol	5.524	59	67722	100.113	ug/l	95
12) 1,1-Dichloroethene	4.336	96	60652	20.691	ug/l	90
13) Acrolein	4.171	56	63872	73.588	ug/l	100
14) Allyl chloride	5.012	41	88122	18.465	ug/l	94
15) Acrylonitrile	5.706	53	200716	94.594	ug/l	100
16) Acetone	4.418	43	190382	98.524	ug/l	100
17) Carbon Disulfide	4.712	76	173088	18.898	ug/l #	95
18) Methyl Acetate	5.024	43	98283	20.324	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	210018	18.340	ug/l	99
20) Methylene Chloride	5.265	84	70928	18.134	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	66390	18.475	ug/l	93
22) Diisopropyl ether	6.659	45	209820	18.834	ug/l	99
23) Vinyl Acetate	6.594	43	845750	90.162	ug/l	98
24) 1,1-Dichloroethane	6.559	63	121761	18.707	ug/l	98
25) 2-Butanone	7.471	43	280252	94.888	ug/l	100
26) 2,2-Dichloropropane	7.477	77	115892	20.041	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	79298	18.546	ug/l	99
28) Bromochloromethane	7.800	49	61419	17.368	ug/l	96
29) Tetrahydrofuran	7.824	42	179605	94.970	ug/l	99
30) Chloroform	7.947	83	133437	18.750	ug/l	95
31) Cyclohexane	8.241	56	106718	20.264	ug/l	92
32) 1,1,1-Trichloroethane	8.153	97	119368	19.850	ug/l	96
36) 1,1-Dichloropropene	8.353	75	87855	20.198	ug/l	99
37) Ethyl Acetate	7.547	43	107394	18.802	ug/l	99
38) Carbon Tetrachloride	8.347	117	101777	20.391	ug/l	94
39) Methylcyclohexane	9.582	83	102599	21.382	ug/l	98
40) Benzene	8.588	78	278350	19.327	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	54019	18.300	ug/l	96
42) 1,2-Dichloroethane	8.653	62	102137	19.003	ug/l	100
43) Isopropyl Acetate	8.677	43	165566	18.415	ug/l	99
44) Trichloroethene	9.329	130	66720	19.394	ug/l	93
45) 1,2-Dichloropropane	9.600	63	70002	19.384	ug/l	97
46) Dibromomethane	9.688	93	53291	18.701	ug/l	97
47) Bromodichloromethane	9.871	83	107625	19.256	ug/l	100
48) Methyl methacrylate	9.665	41	76141	18.287	ug/l	98
49) 1,4-Dioxane	9.682	88	24816	403.447	ug/l #	78
51) 4-Methyl-2-Pentanone	10.429	43	552041	98.397	ug/l	98
52) Toluene	10.612	92	177745	19.667	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	108063	18.891	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	111802	18.818	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	71033	19.330	ug/l	91
56) Ethyl methacrylate	10.859	69	96298	18.136	ug/l	98
57) 1,3-Dichloropropane	11.141	76	114022	18.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	275893	110.507	ug/l	99
59) 2-Hexanone	11.176	43	361420	97.426	ug/l	99
60) Dibromochloromethane	11.335	129	81654	18.898	ug/l	98
61) 1,2-Dibromoethane	11.453	107	73497	18.892	ug/l	99
64) Tetrachloroethene	11.082	164	57071	20.520	ug/l	95
65) Chlorobenzene	11.870	112	198566	20.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	68324	19.499	ug/l	93
67) Ethyl Benzene	11.941	91	327291	20.187	ug/l	99
68) m/p-Xylenes	12.053	106	255409	41.190	ug/l	100
69) o-Xylene	12.376	106	119494	20.058	ug/l	97
70) Styrene	12.394	104	203668	19.906	ug/l	100
71) Bromoform	12.559	173	54805	19.279	ug/l	99
73) Isopropylbenzene	12.676	105	310861	20.517	ug/l	99
74) N-amyl acetate	12.582	43	103135m	20.659	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	109864	20.125	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	104158m	21.614	ug/l	
77) Bromobenzene	12.959	156	80923	20.074	ug/l	96
78) n-propylbenzene	13.012	91	395299	20.867	ug/l	99
79) 2-Chlorotoluene	13.106	91	230022	19.942	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	269516	20.565	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	30754	17.721	ug/l #	82
82) 4-Chlorotoluene	13.200	91	240663	20.707	ug/l	99
83) tert-Butylbenzene	13.417	119	226733	20.439	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	275724	20.511	ug/l	99
85) sec-Butylbenzene	13.594	105	350966	21.580	ug/l	98
86) p-Isopropyltoluene	13.706	119	290733	21.107	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	155268	19.737	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	168077	20.790	ug/l	95
89) n-Butylbenzene	14.035	91	276168	21.215	ug/l	98
90) Hexachloroethane	14.311	117	59046	20.521	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	151135	19.931	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23587	18.595	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	89925	20.085	ug/l	99
94) Hexachlorobutadiene	15.476	225	38187	23.173	ug/l	93
95) Naphthalene	15.617	128	272225	18.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	86168	19.797	ug/l	98

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ClientSampleId :
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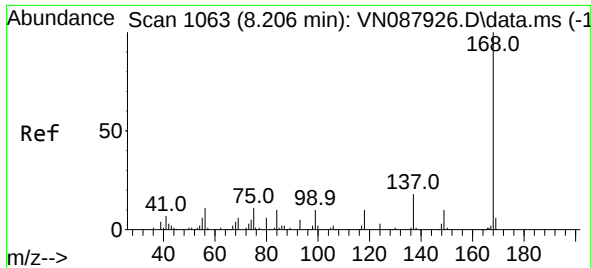
Manual Integrations
APPROVED

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

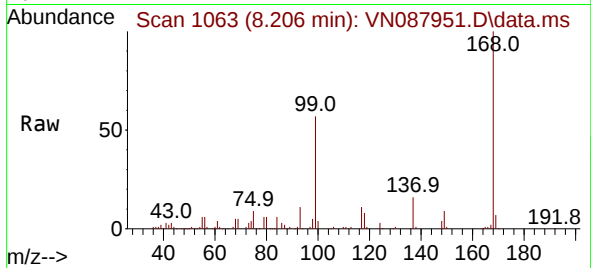
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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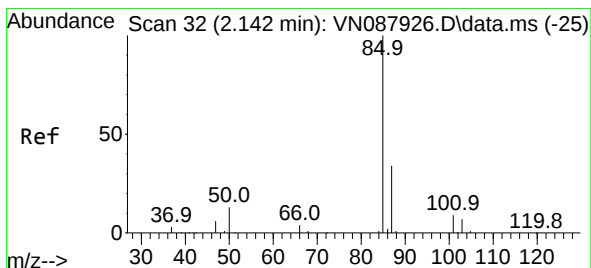
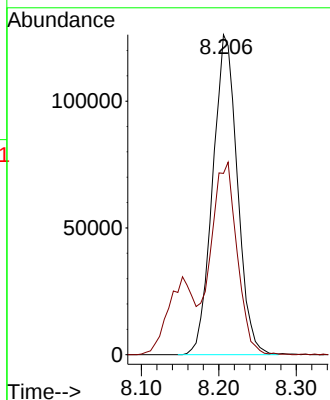
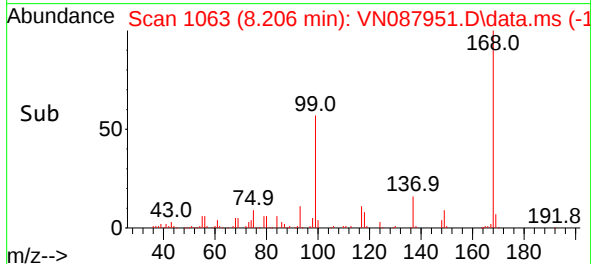
Instrument :
MSVOA_N
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VN0925WBS01



Tgt Ion:168 Resp: 27906
Ion Ratio Lower Upper
168 100
99 56.5 52.2 78.2

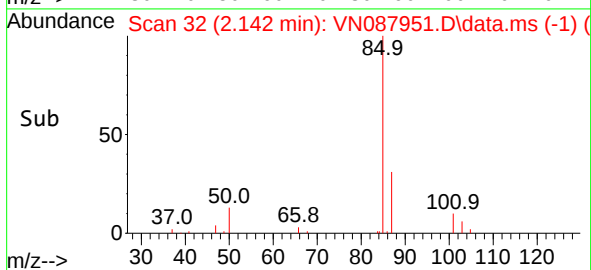
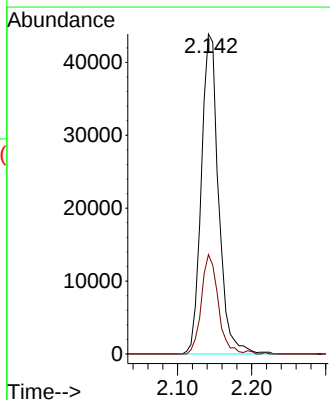
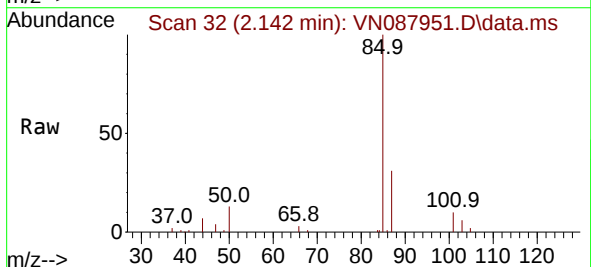
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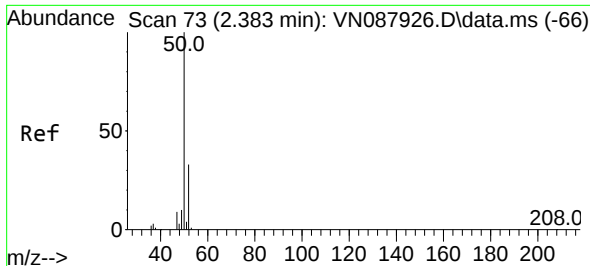
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#2
Dichlorodifluoromethane
Concen: 21.989 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

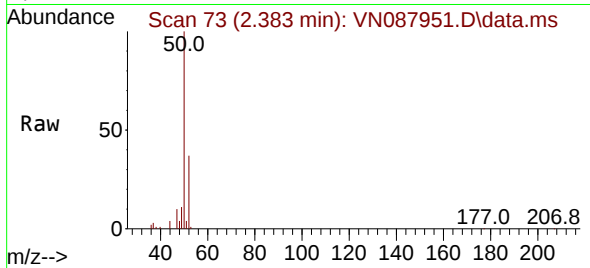
Tgt Ion: 85 Resp: 71066
Ion Ratio Lower Upper
85 100
87 31.1 16.9 50.6





#3
Chloromethane
Concen: 19.209 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

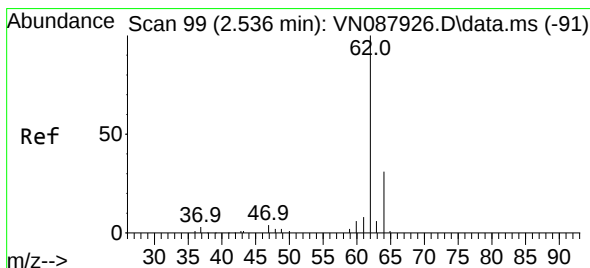
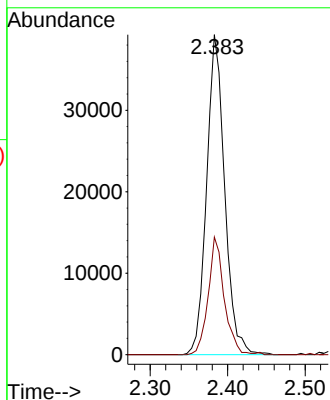
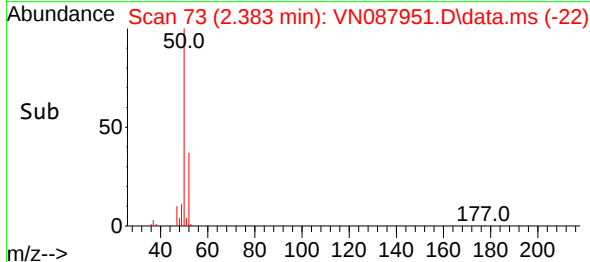
Instrument :
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Tgt Ion: 50 Resp: 6356
Ion Ratio Lower Upper
50 100
52 36.8 26.6 40.0

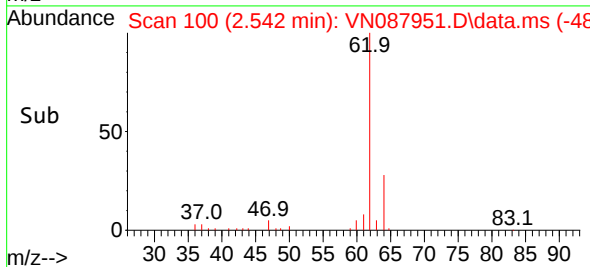
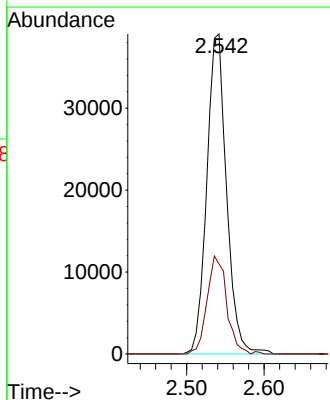
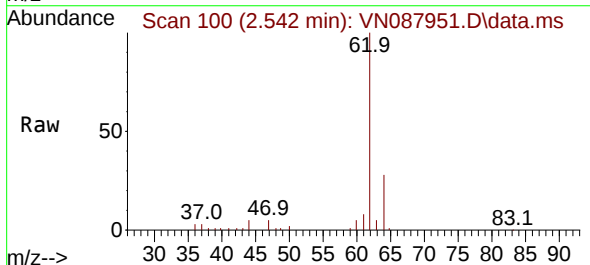
Manual Integrations
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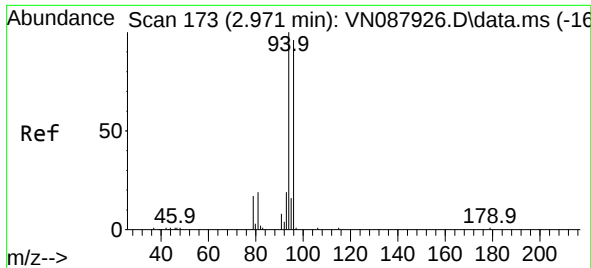
Reviewed By :John Carlone 09/26/2025
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#4
Vinyl Chloride
Concen: 20.488 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Tgt Ion: 62 Resp: 69167
Ion Ratio Lower Upper
62 100
64 28.2 25.2 37.8





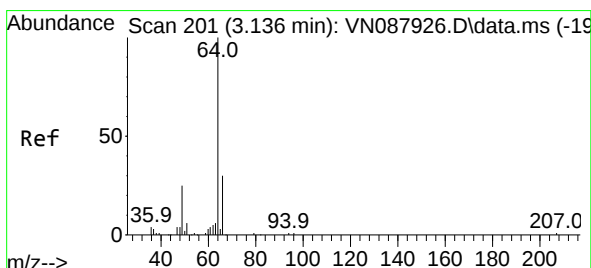
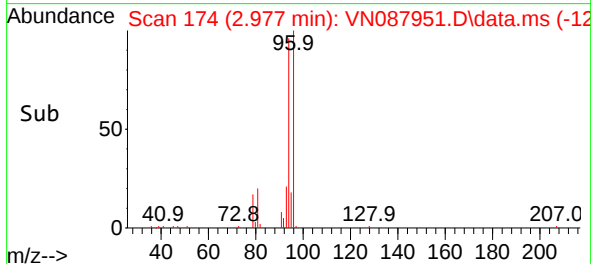
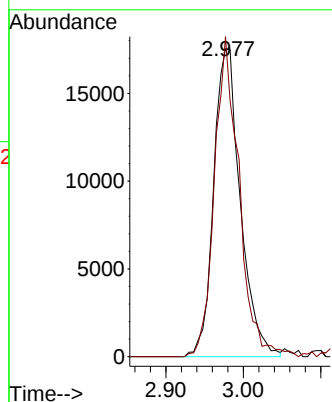
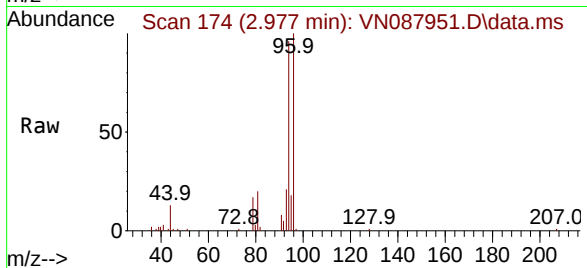
#5
Bromomethane
Concen: 20.108 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087951.D
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Instrument :
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Tgt Ion: 94 Resp: 4208
Ion Ratio Lower Upper
94 100
96 104.0 76.8 115.2

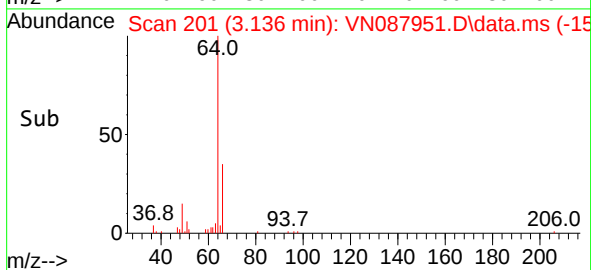
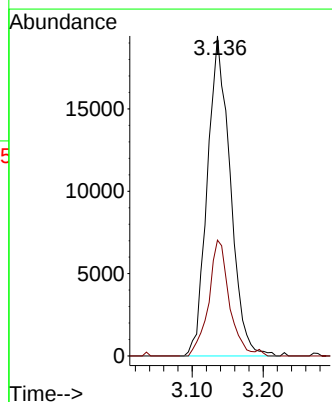
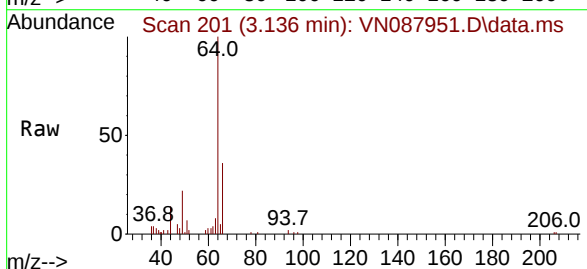
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#6
Chloroethane
Concen: 19.822 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

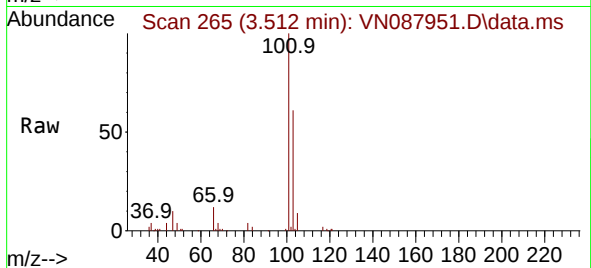
Tgt Ion: 64 Resp: 43512
Ion Ratio Lower Upper
64 100
66 36.2 23.8 35.8#





#7
 Trichlorofluoromethane
 Concen: 21.051 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
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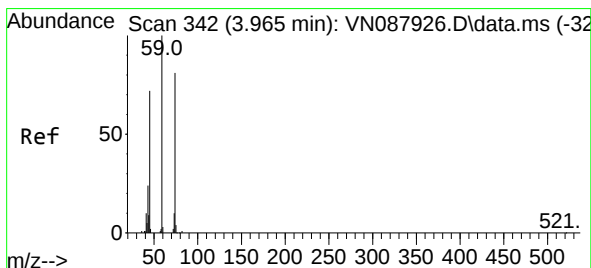
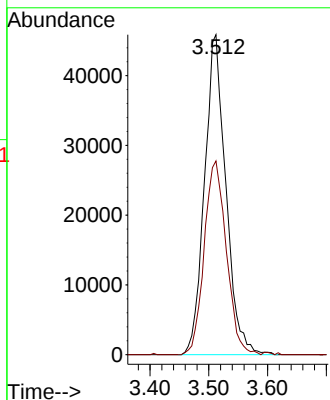
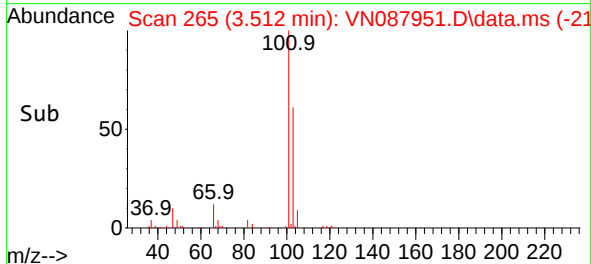
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 11571
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.2 75.4

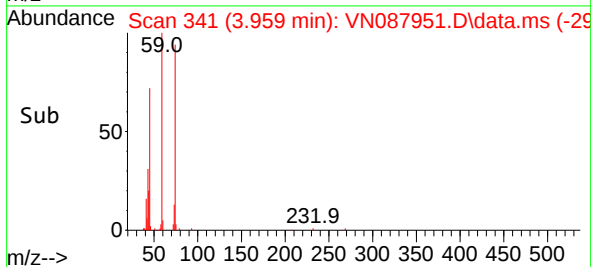
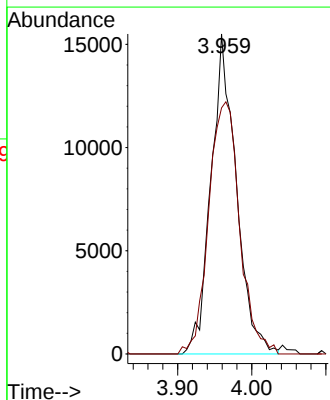
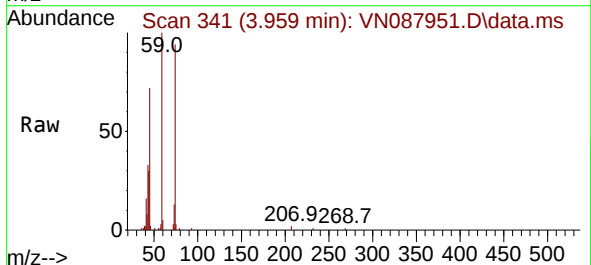
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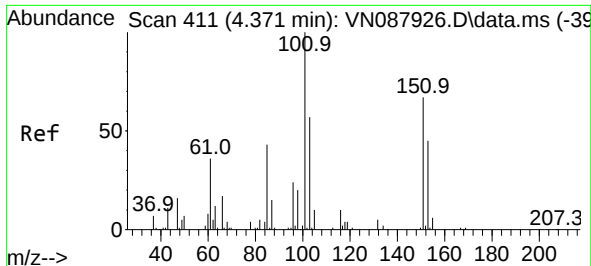
Reviewed By :John Carlone 09/26/2025
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#8
 Diethyl Ether
 Concen: 17.671 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087951.D
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Tgt Ion: 74 Resp: 36695
 Ion Ratio Lower Upper
 74 100
 45 96.2 45.4 136.1





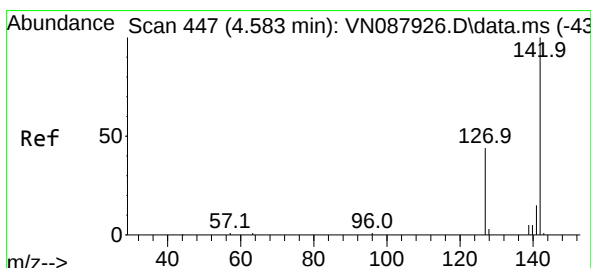
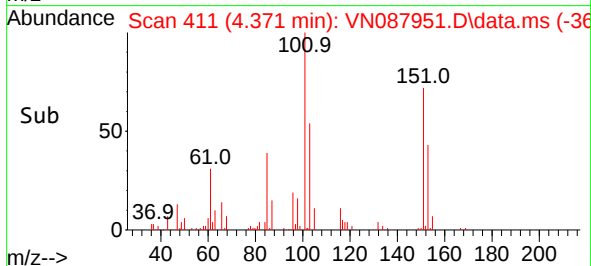
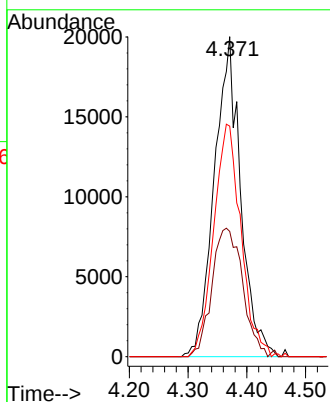
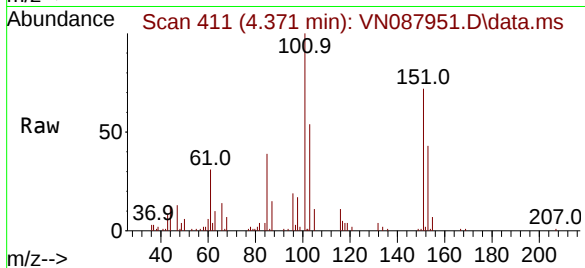
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1,1,2-Trichlorotrifluoroethane
Concen: 21.370 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087951.D
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Tgt Ion:101 Resp: 62085
Ion Ratio Lower Upper
101 100
85 46.8 36.5 54.7
151 75.4 58.6 87.8

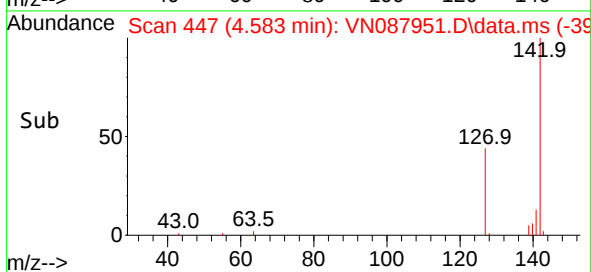
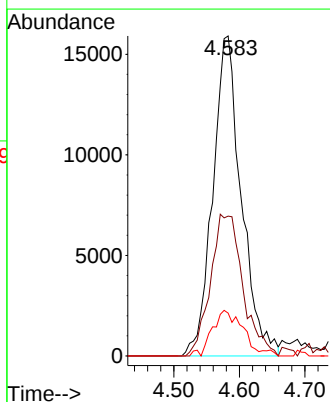
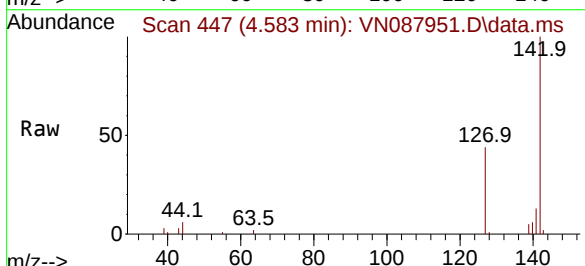
Manual Integrations
APPROVED

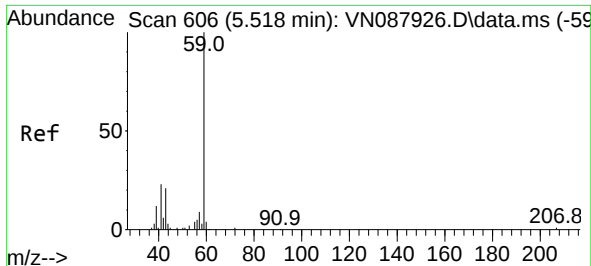
Reviewed By :John Carbone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 18.366 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

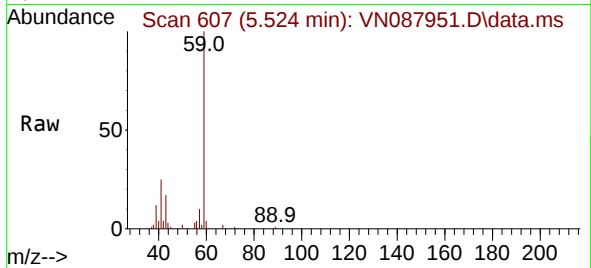
Tgt Ion:142 Resp: 48022
Ion Ratio Lower Upper
142 100
127 43.7 35.3 52.9
141 13.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 100.113 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

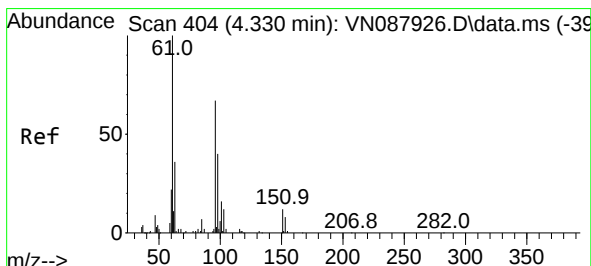
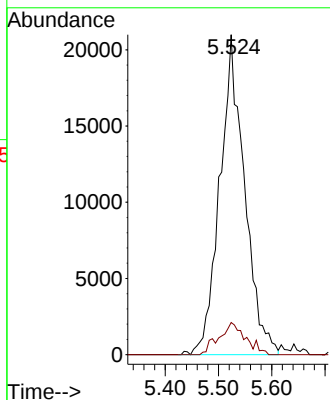
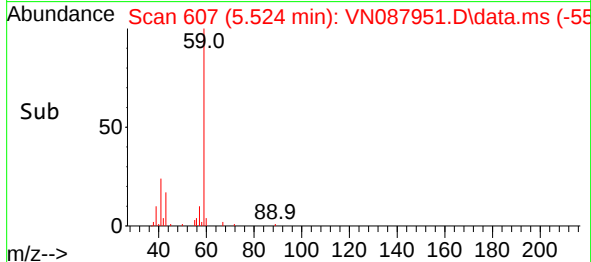
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



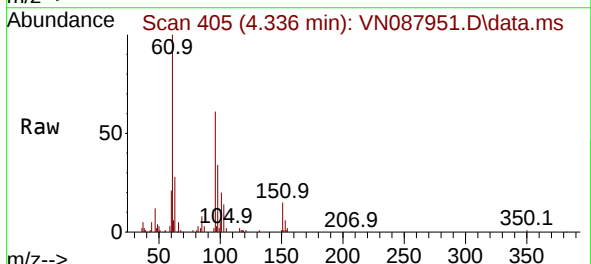
Tgt Ion: 59 Resp: 6772
Ion Ratio Lower Upper
59 100
57 9.2 8.8 13.2

Manual Integrations
APPROVED

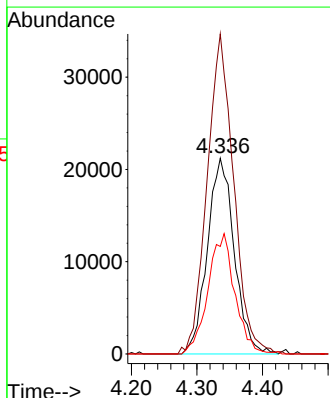
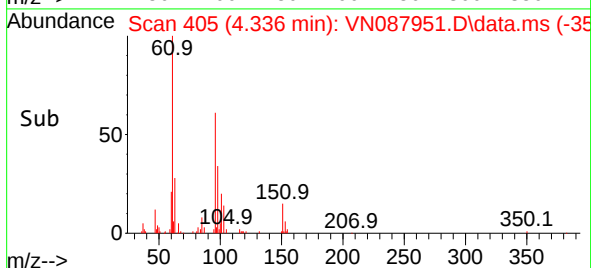
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

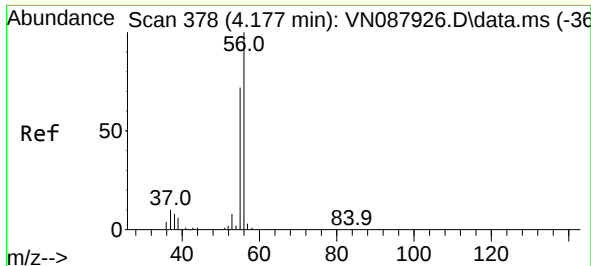


#12
1,1-Dichloroethene
Concen: 20.691 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



Tgt Ion: 96 Resp: 60652
Ion Ratio Lower Upper
96 100
61 163.6 119.2 178.8
98 54.9 47.5 71.3





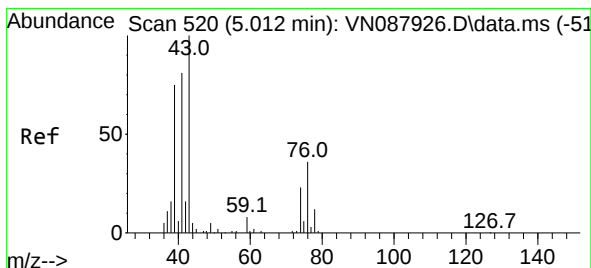
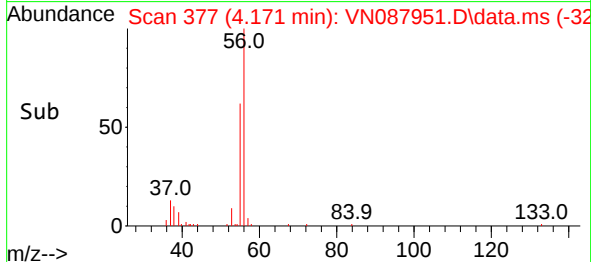
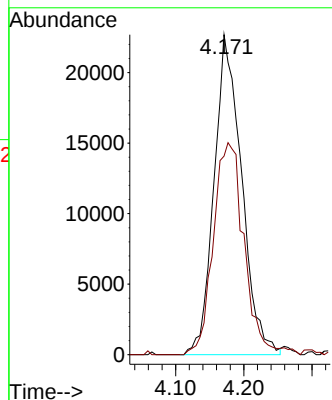
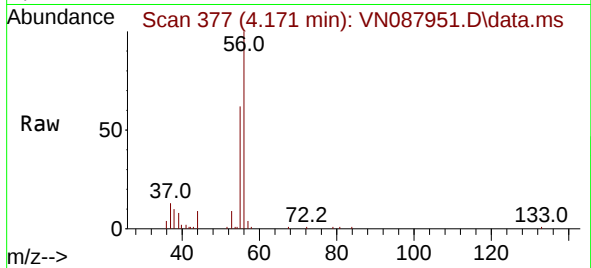
#13
Acrolein
Concen: 73.588 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tgt Ion: 56 Resp: 63872
Ion Ratio Lower Upper
56 100
55 73.9 59.3 88.9

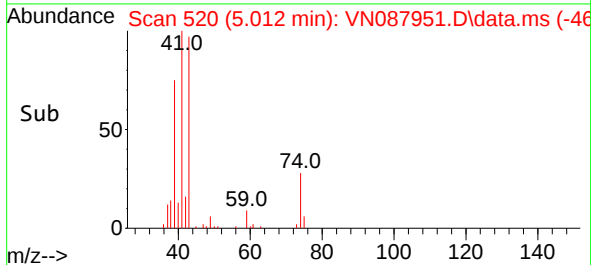
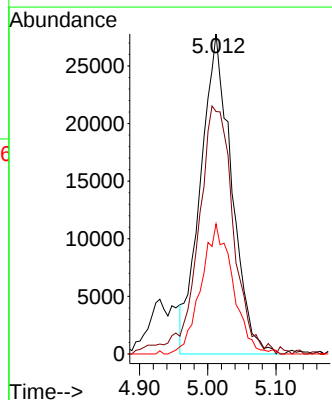
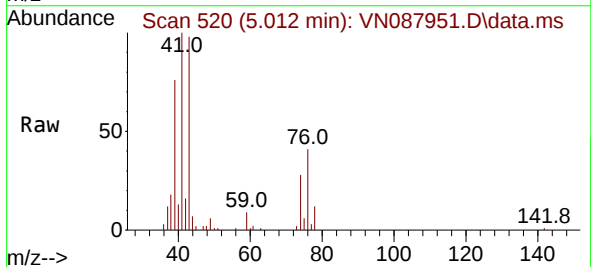
Manual Integrations
APPROVED

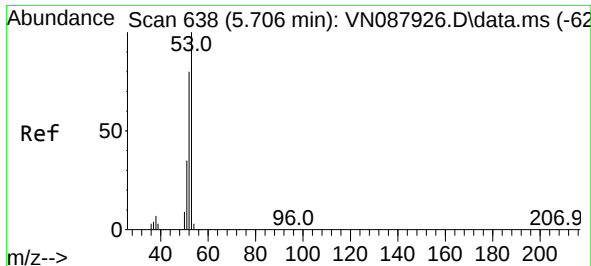
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#14
Allyl chloride
Concen: 18.465 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

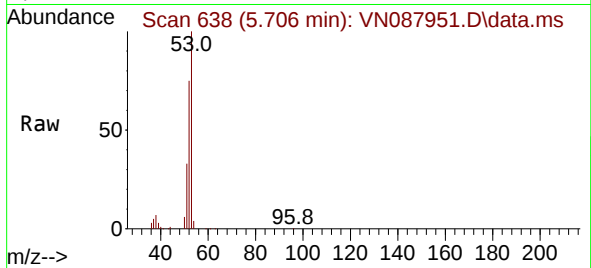
Tgt Ion: 41 Resp: 88122
Ion Ratio Lower Upper
41 100
39 87.7 63.8 95.8
76 41.7 33.0 49.6





#15
Acrylonitrile
Concen: 94.594 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

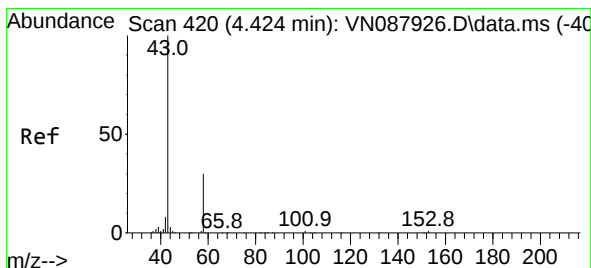
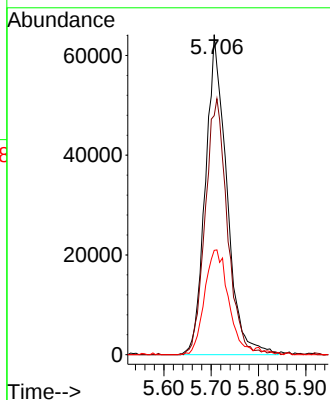
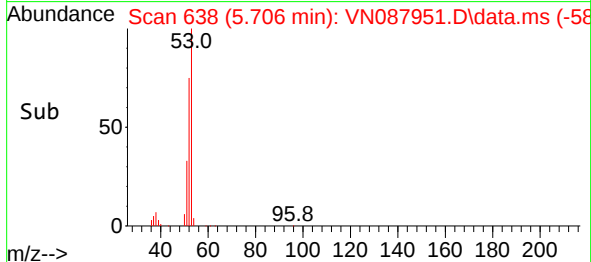
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 53 Resp: 200710
Ion Ratio Lower Upper
53 100
52 83.0 66.6 99.8
51 36.8 29.0 43.4

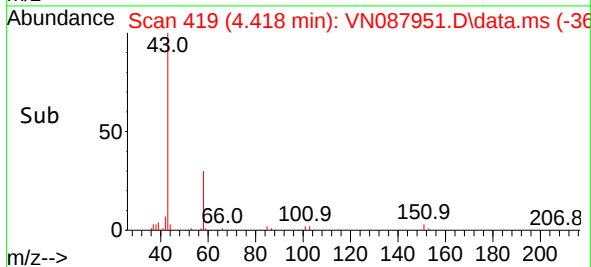
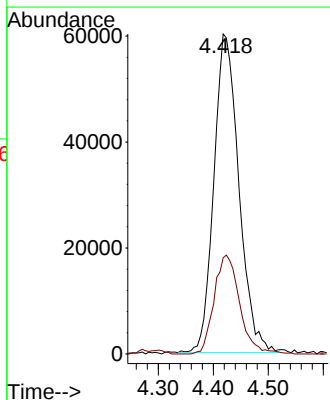
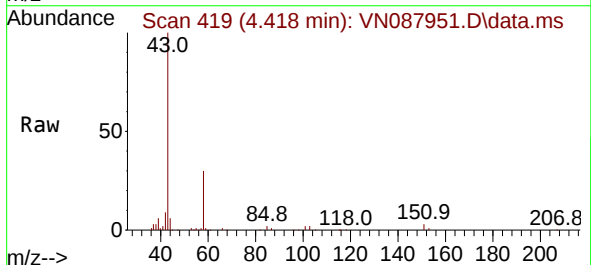
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#16
Acetone
Concen: 98.524 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

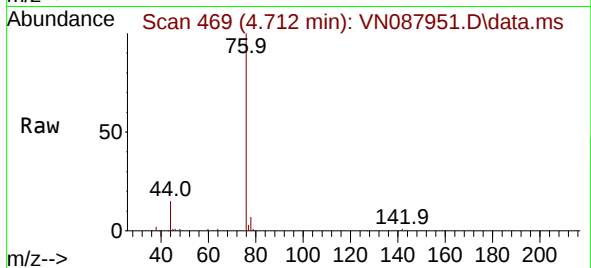
Tgt Ion: 43 Resp: 190382
Ion Ratio Lower Upper
43 100
58 30.2 24.1 36.1





#17
Carbon Disulfide
Concen: 18.898 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

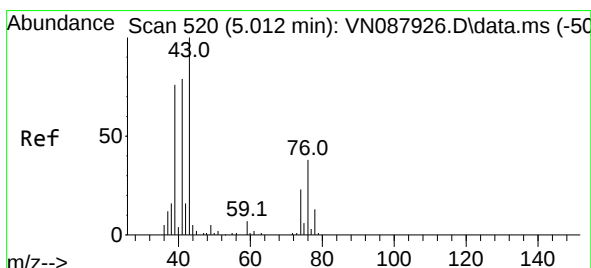
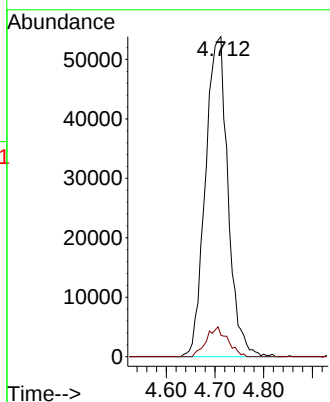
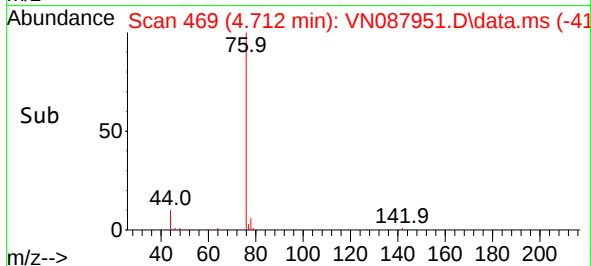
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 76 Resp: 17308
Ion Ratio Lower Upper
76 100
78 6.7 6.7 10.1

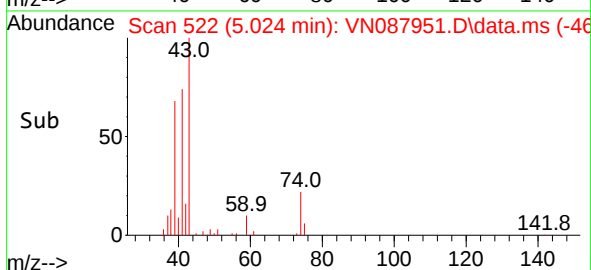
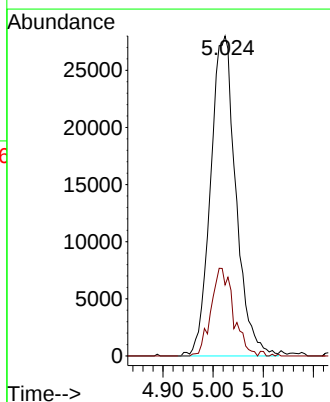
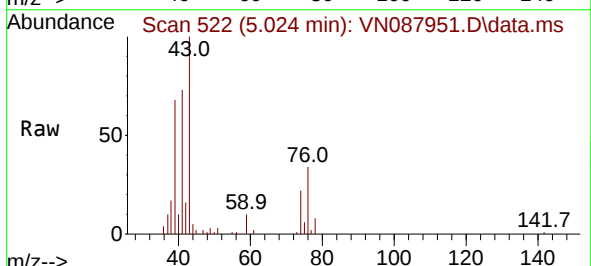
Manual Integrations
APPROVED

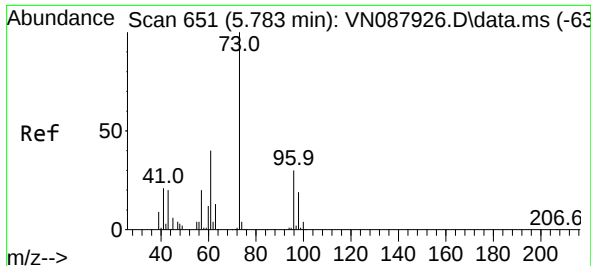
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#18
Methyl Acetate
Concen: 20.324 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Tgt Ion: 43 Resp: 98283
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5





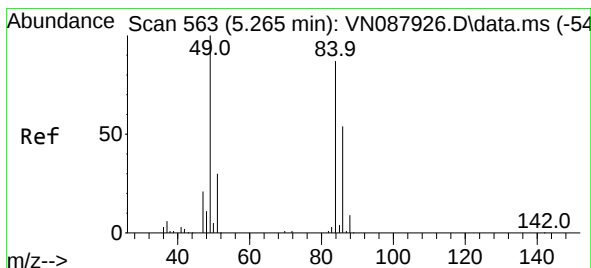
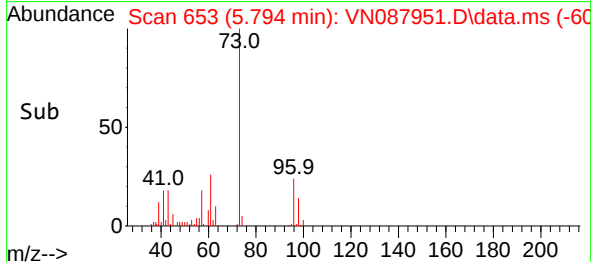
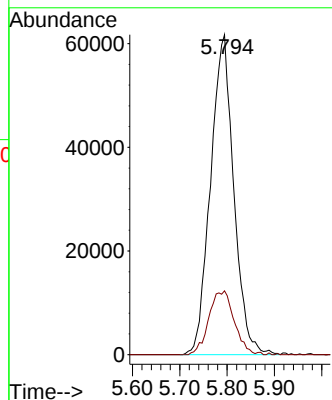
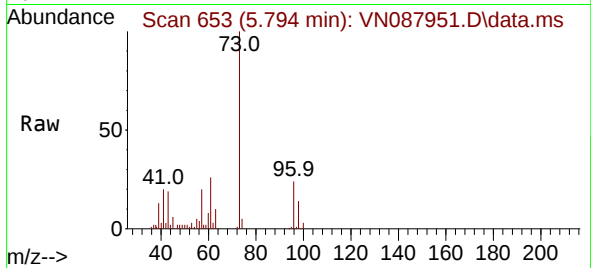
#19
Methyl tert-butyl Ether
Concen: 18.340 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tgt Ion: 73 Resp: 210018
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5

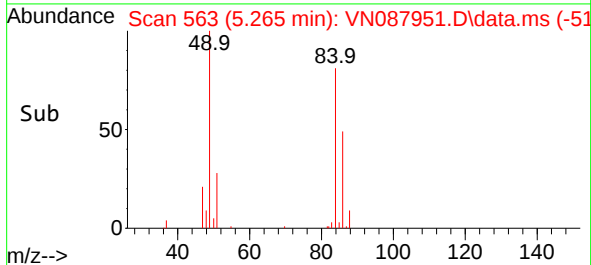
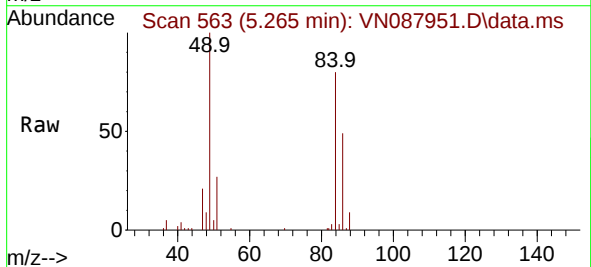
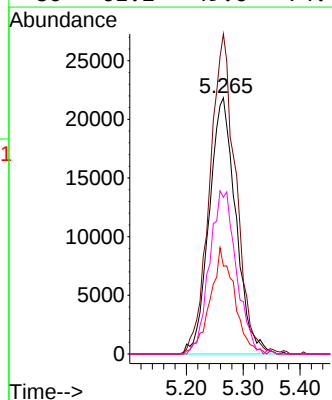
Manual Integrations
APPROVED

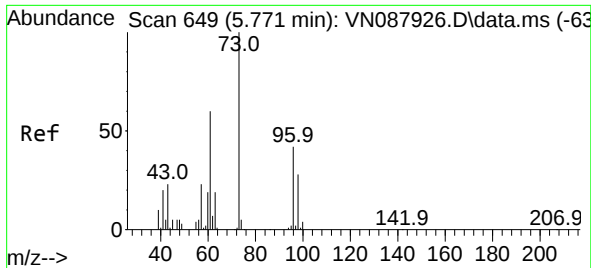
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 18.134 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

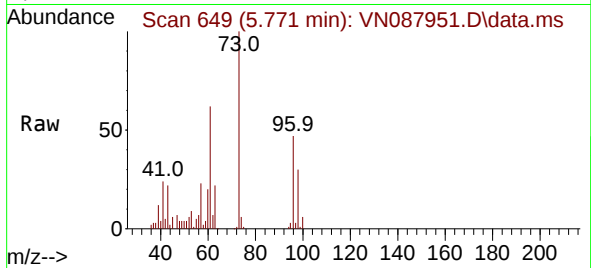
Tgt Ion: 84 Resp: 70928
Ion Ratio Lower Upper
84 100
49 125.0 92.1 138.1
51 34.3 27.7 41.5
86 61.2 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 18.475 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

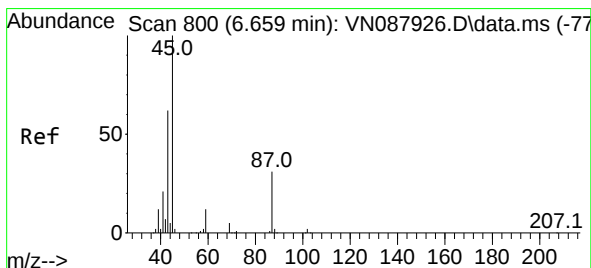
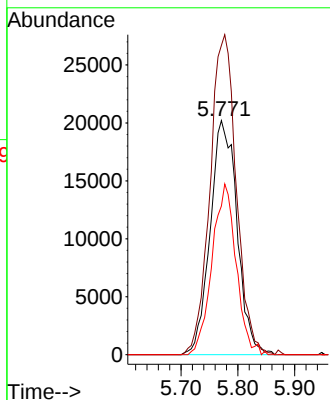
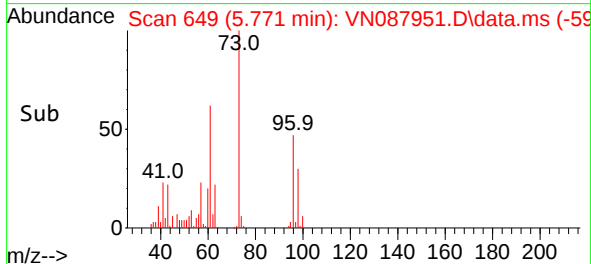
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



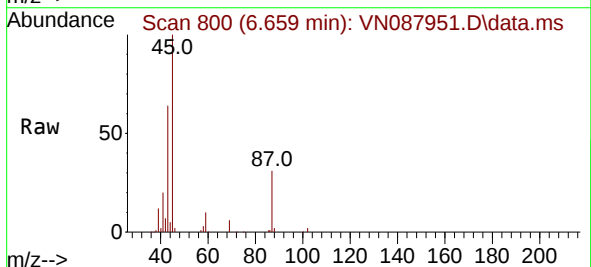
Tgt Ion: 96 Resp: 66390
Ion Ratio Lower Upper
96 100
61 132.1 114.4 171.6
98 63.5 53.6 80.4

Manual Integrations
APPROVED

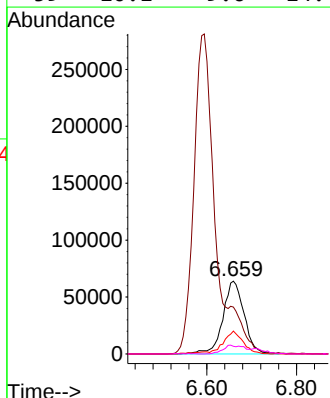
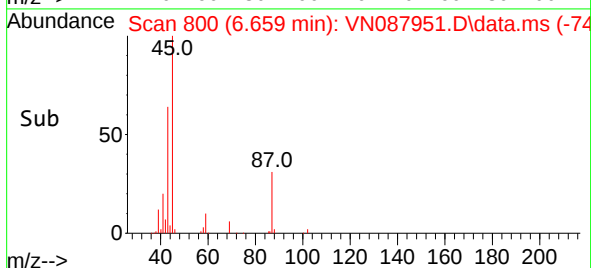
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

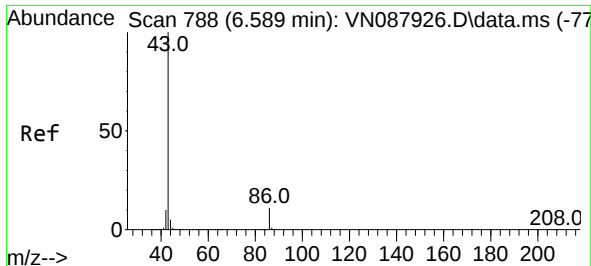


#22
Diisopropyl ether
Concen: 18.834 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



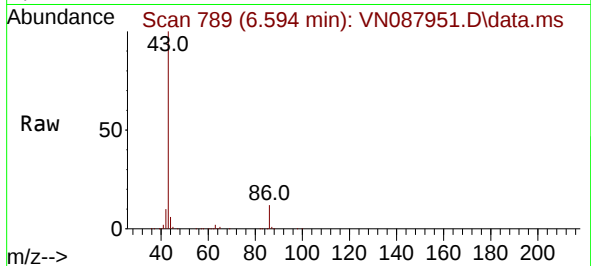
Tgt Ion: 45 Resp: 209820
Ion Ratio Lower Upper
45 100
43 62.4 49.9 74.9
87 30.9 25.2 37.8
59 10.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 90.162 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087951.D
 Acq: 25 Sep 2025 13:56

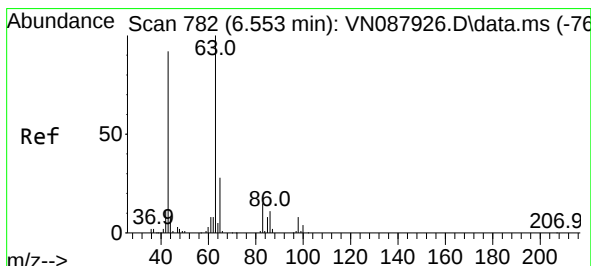
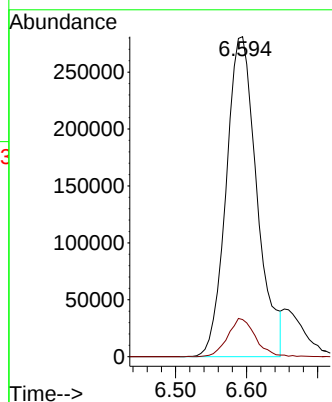
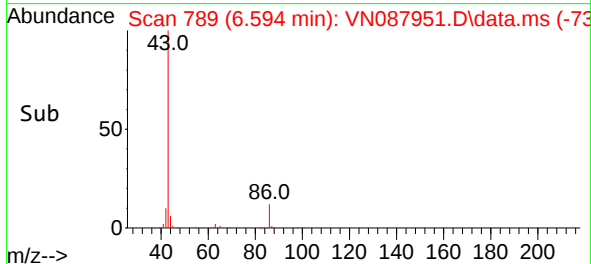
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01



Tgt Ion: 43 Resp: 845750
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8

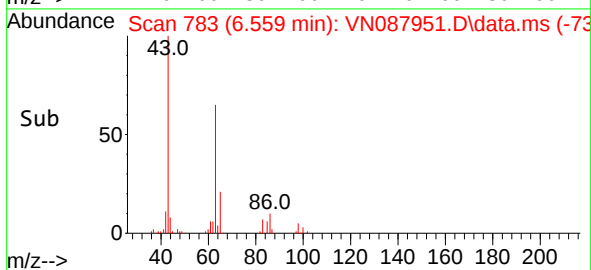
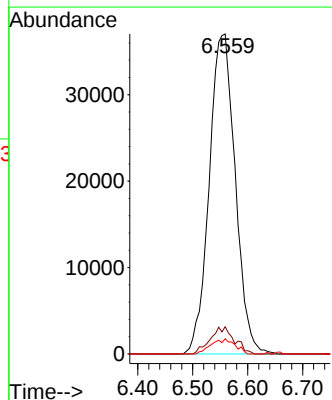
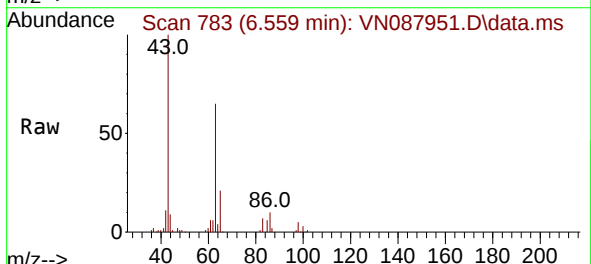
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#24
 1,1-Dichloroethane
 Concen: 18.707 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087951.D
 Acq: 25 Sep 2025 13:56

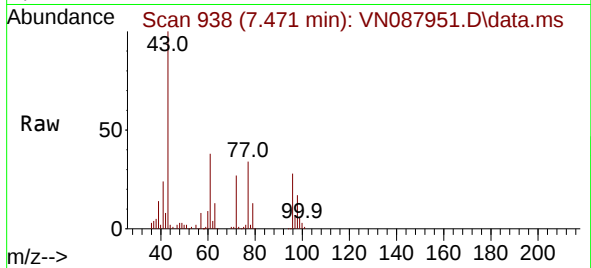
Tgt Ion: 63 Resp: 121761
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 94.888 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

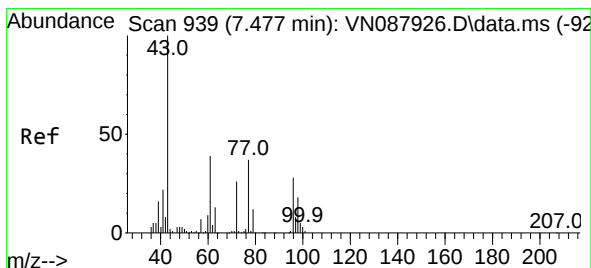
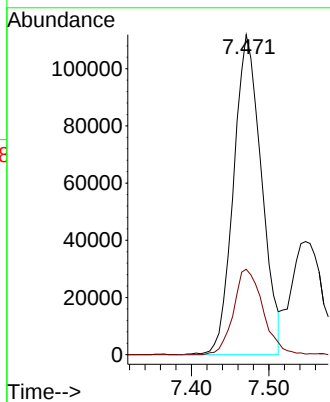
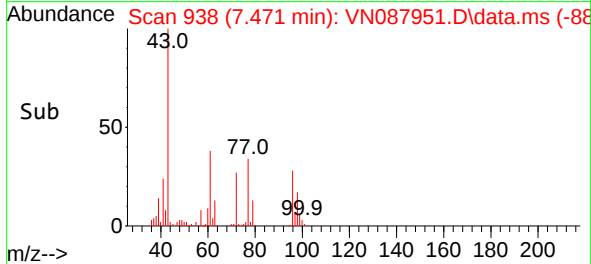
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



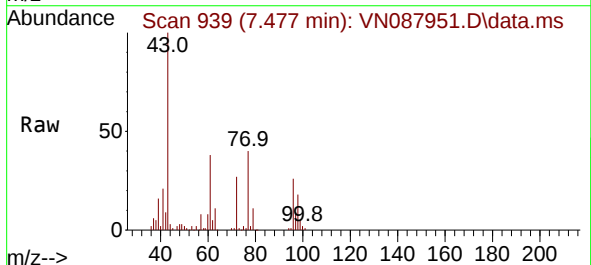
Tgt Ion: 43 Resp: 280252
Ion Ratio Lower Upper
43 100
72 26.7 21.5 32.3

Manual Integrations
APPROVED

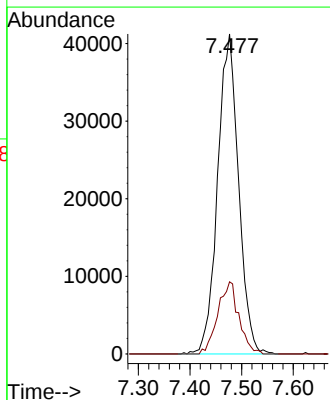
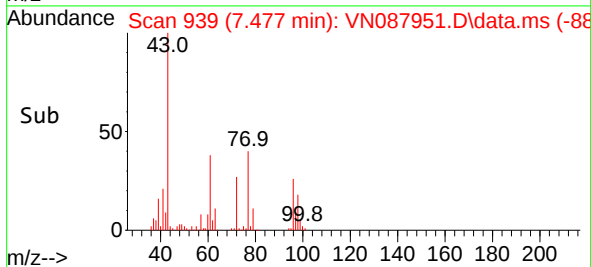
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#26
2,2-Dichloropropane
Concen: 20.041 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



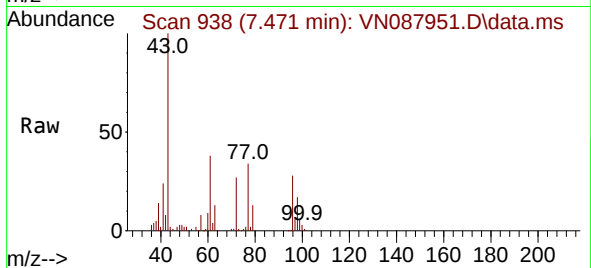
Tgt Ion: 77 Resp: 115892
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.546 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087951.D
 Acq: 25 Sep 2025 13:56

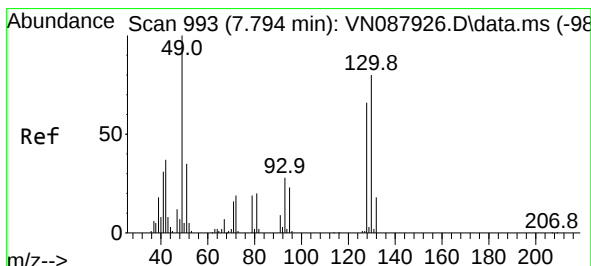
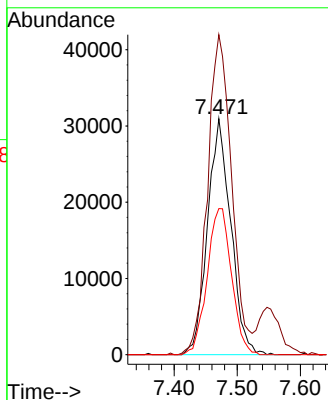
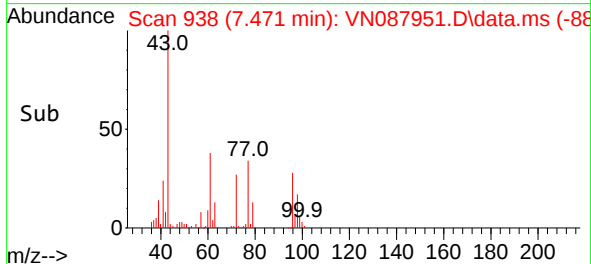
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01



Tgt Ion: 96 Resp: 79298
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 283.0
 98 64.9 0.0 127.6

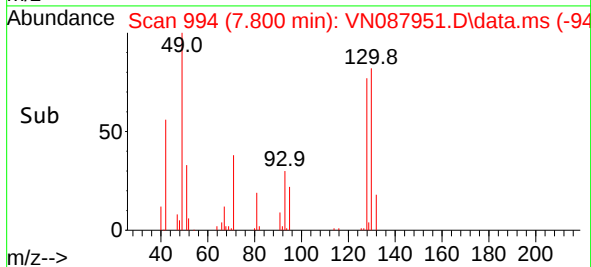
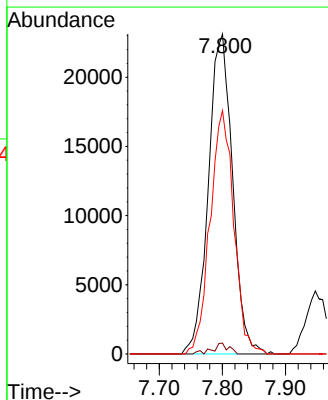
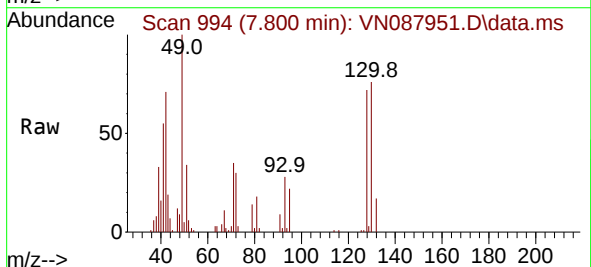
Manual Integrations
 APPROVED

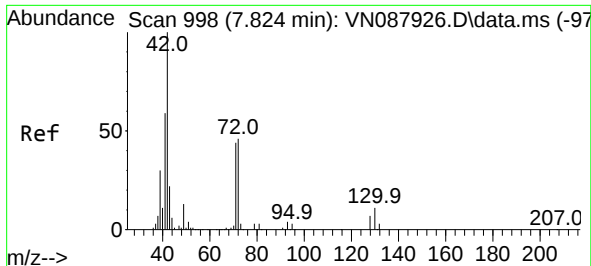
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#28
 Bromochloromethane
 Concen: 17.368 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087951.D
 Acq: 25 Sep 2025 13:56

Tgt Ion: 49 Resp: 61419
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.4
 130 74.7 62.6 94.0





#29

Tetrahydrofuran

Concen: 94.970 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

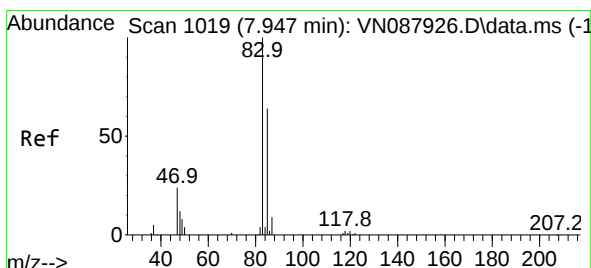
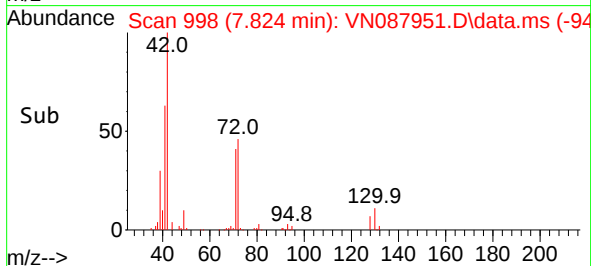
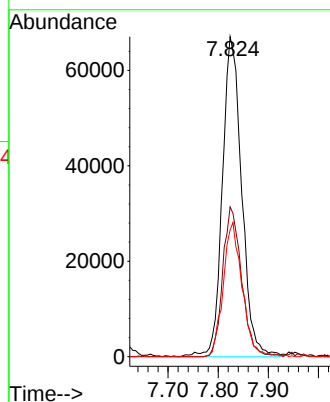
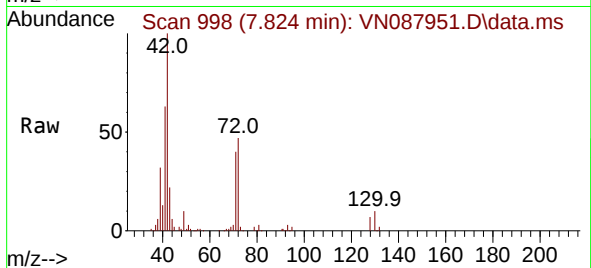
Tgt Ion:	42	Resp:	17960
Ion Ratio	Lower	Upper	
42	100		
72	45.4	36.5	54.7
71	41.1	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#30

Chloroform

Concen: 18.750 ug/l

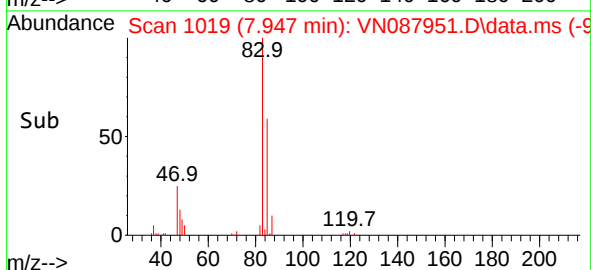
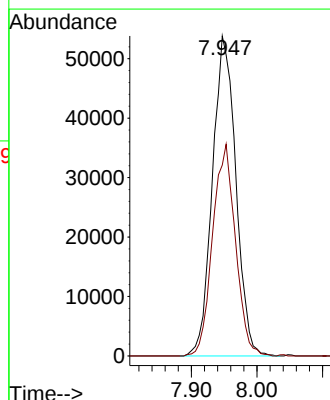
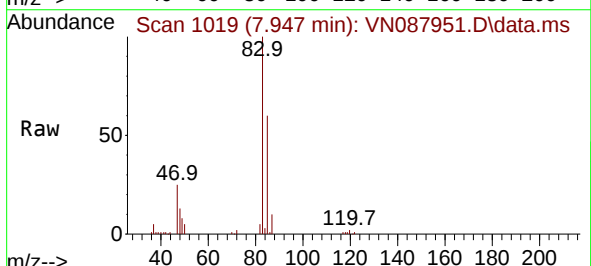
RT: 7.947 min Scan# 1019

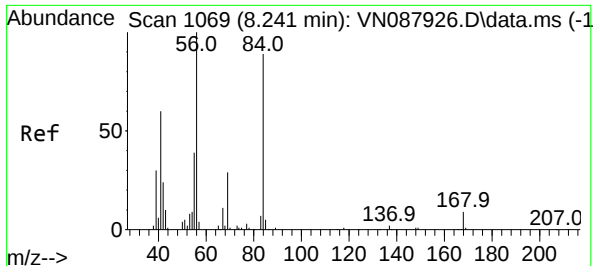
Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

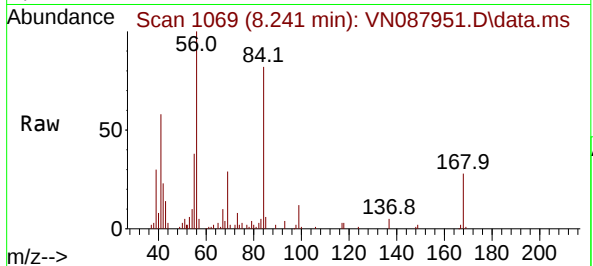
Tgt Ion:	83	Resp:	133437
Ion Ratio	Lower	Upper	
83	100		
85	59.6	50.9	76.3





#31
Cyclohexane
Concen: 20.264 ug/l
RT: 8.241 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

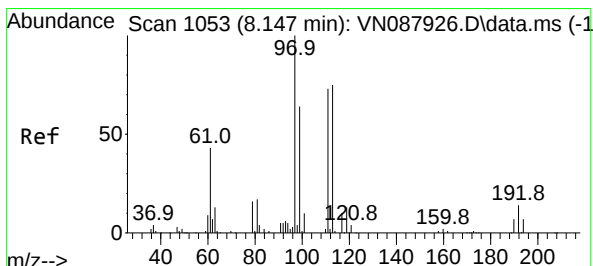
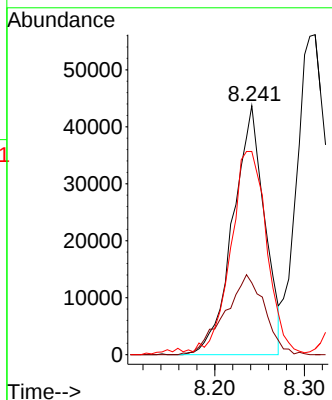
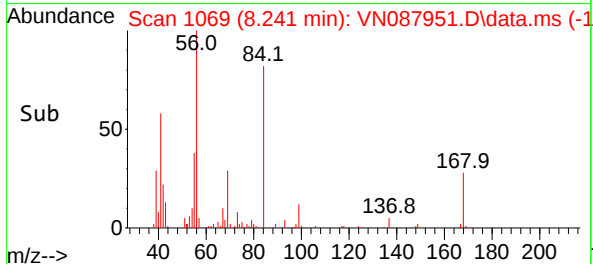
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



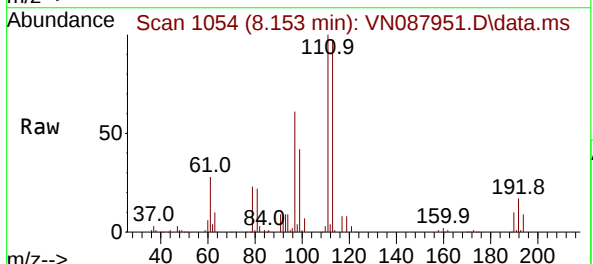
Tgt Ion: 56 Resp: 106718
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.0
84 79.0 70.8 106.2

Manual Integrations
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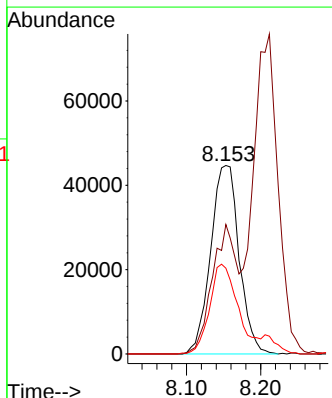
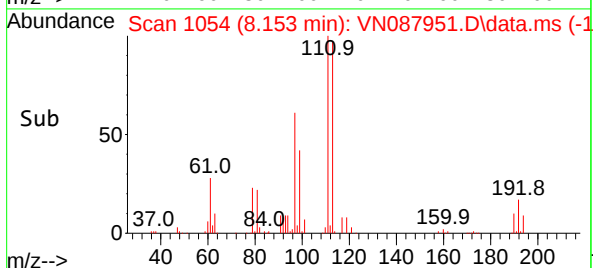
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

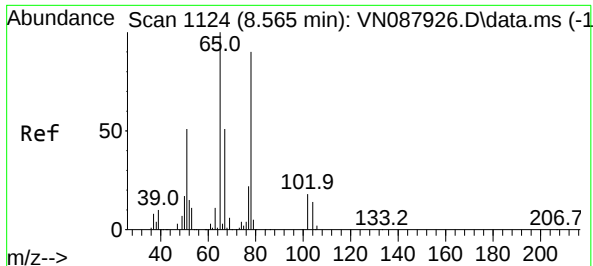


#32
1,1,1-Trichloroethane
Concen: 19.850 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



Tgt Ion: 97 Resp: 119368
Ion Ratio Lower Upper
97 100
99 58.2 51.1 76.7
61 48.0 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 49.133 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tgt Ion: 65 Resp: 230752

Ion Ratio Lower Upper

65 100

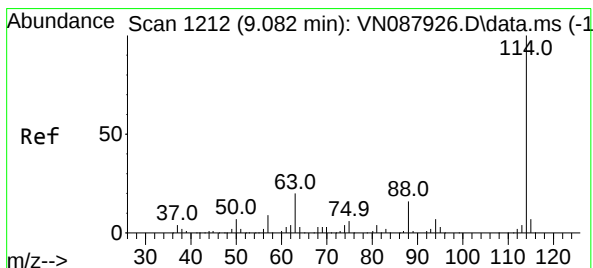
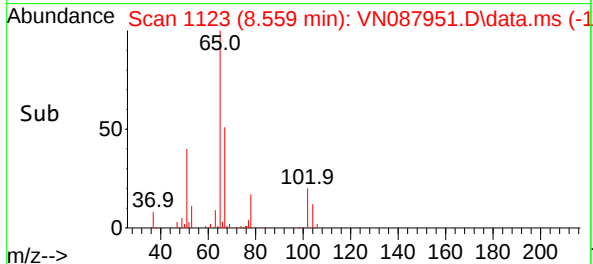
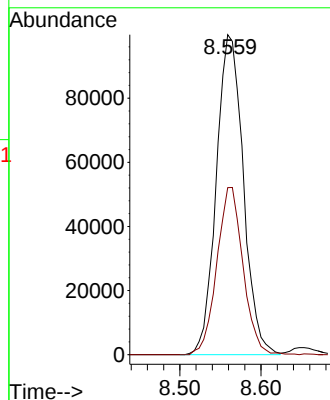
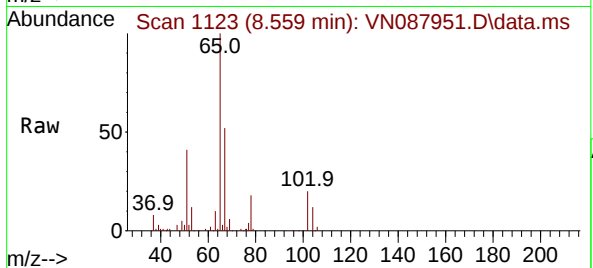
67 50.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

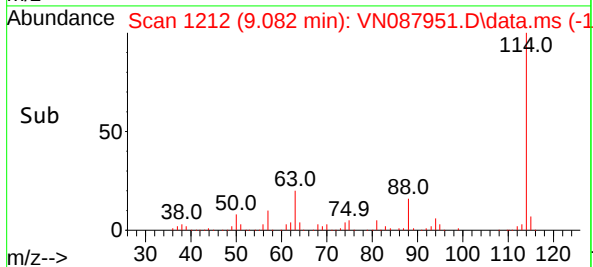
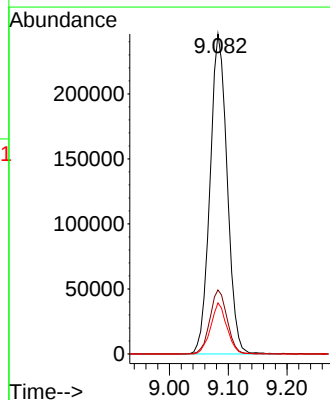
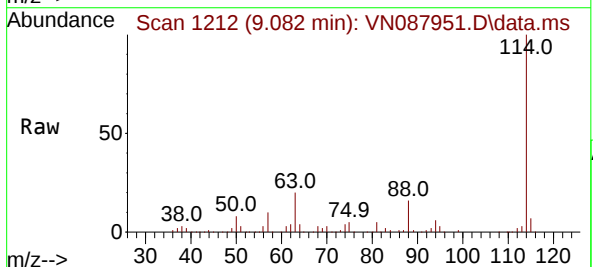
Tgt Ion:114 Resp: 498231

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.399 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tgt Ion: 113 Resp: 17508

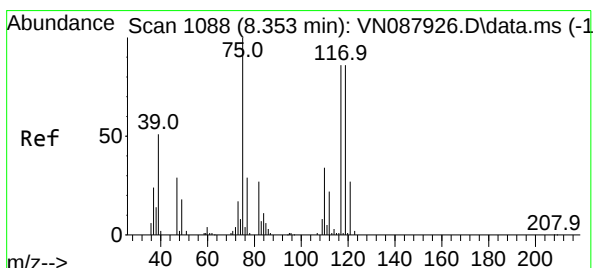
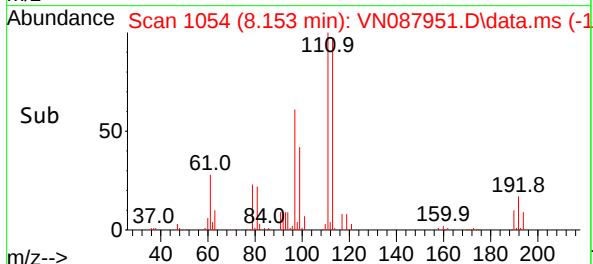
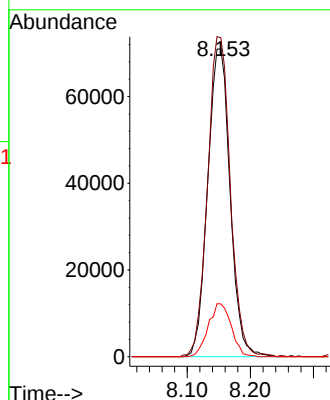
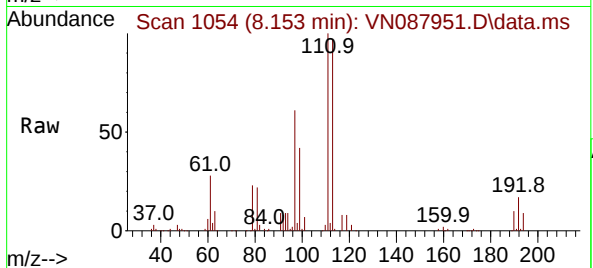
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.2	123.2
192	17.6	14.2	21.2

Manual Integrations

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Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#36

1,1-Dichloropropene

Concen: 20.198 ug/l

RT: 8.353 min Scan# 1088

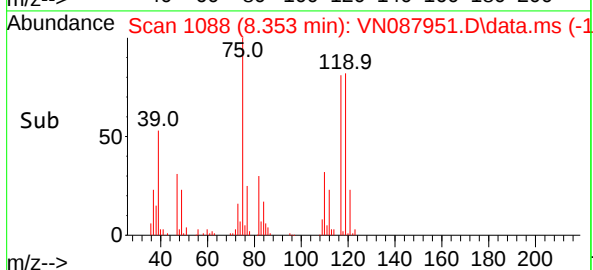
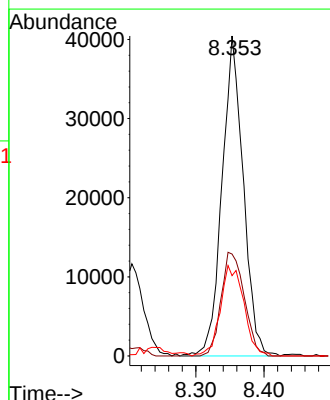
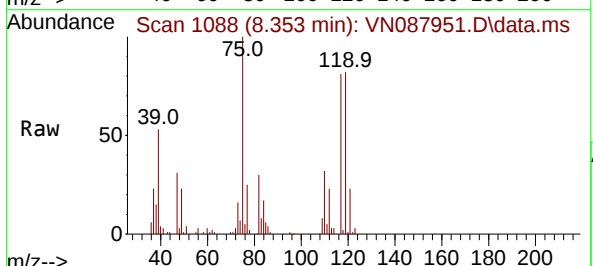
Delta R.T. -0.000 min

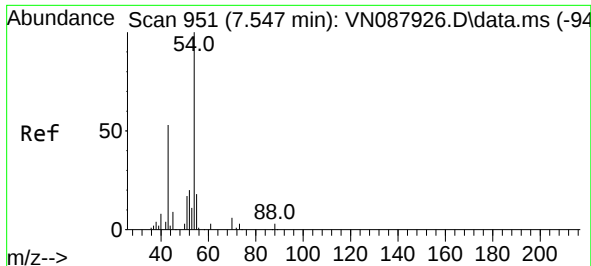
Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Tgt Ion: 75 Resp: 87855

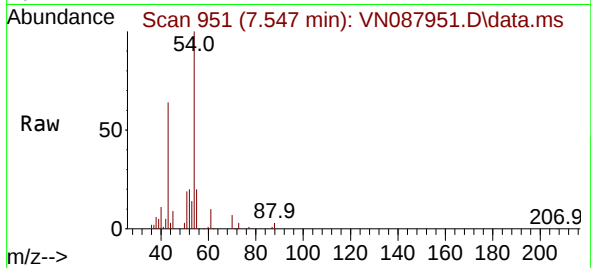
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.3
77	31.2	24.8	37.2





#37
Ethyl Acetate
Concen: 18.802 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

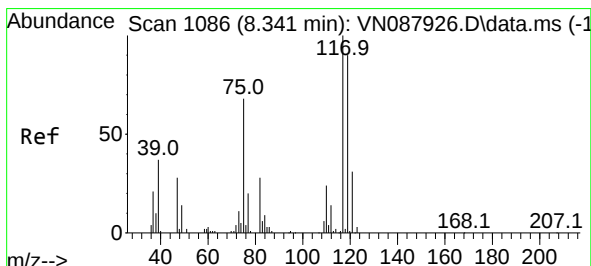
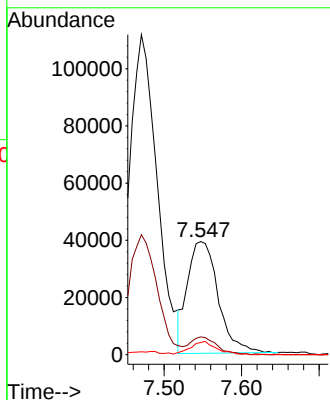
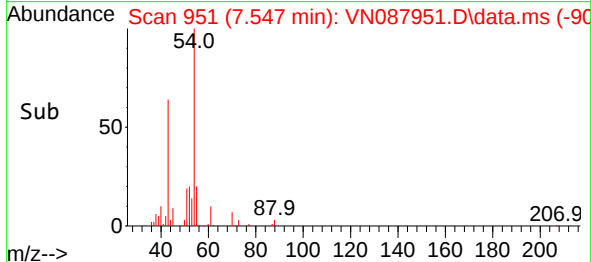
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



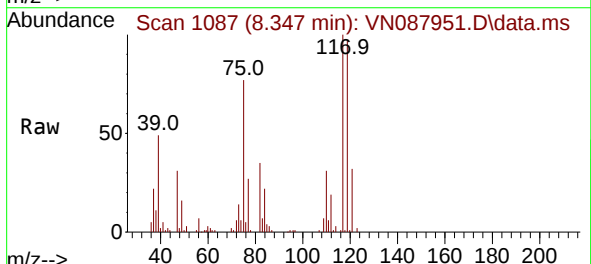
Tgt Ion: 43 Resp: 107394
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.1 7.8 11.8

Manual Integrations
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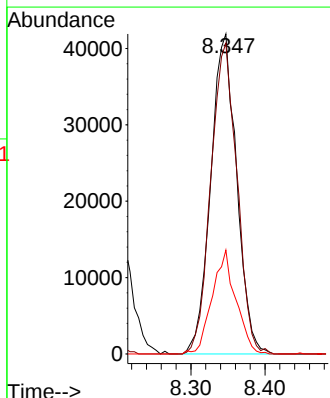
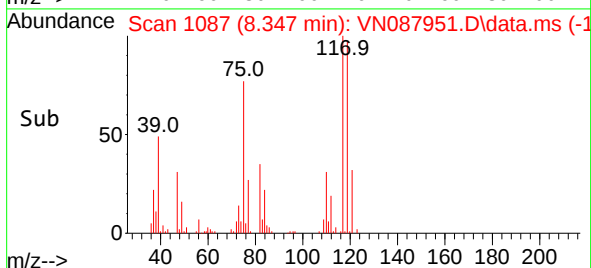
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#38
Carbon Tetrachloride
Concen: 20.391 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



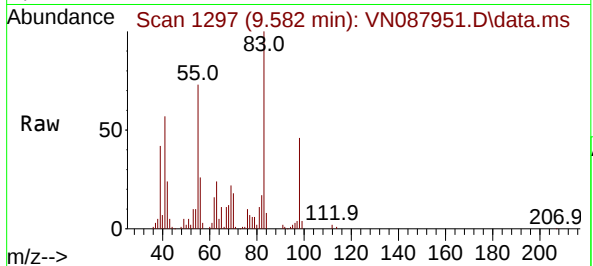
Tgt Ion:117 Resp: 101777
Ion Ratio Lower Upper
117 100
119 97.1 72.1 108.1
121 32.5 24.6 36.8





#39
Methylcyclohexane
Concen: 21.382 ug/l
RT: 9.582 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

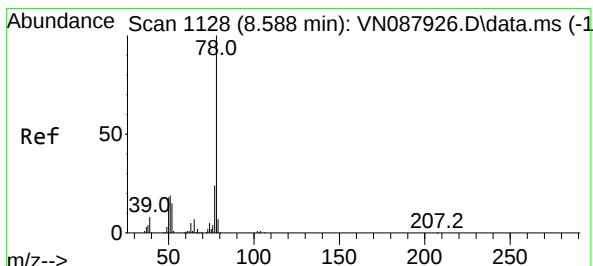
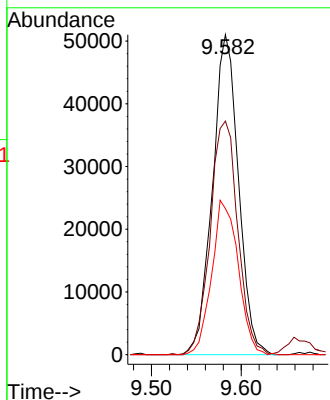
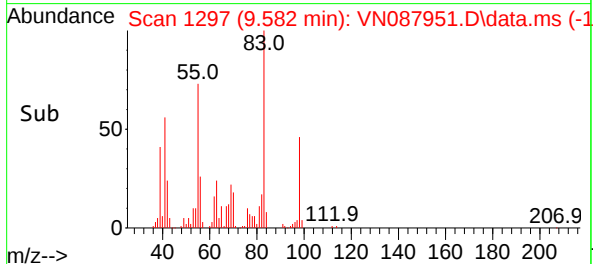
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 83 Resp: 102599
Ion Ratio Lower Upper
83 100
55 73.0 59.9 89.9
98 45.7 37.4 56.2

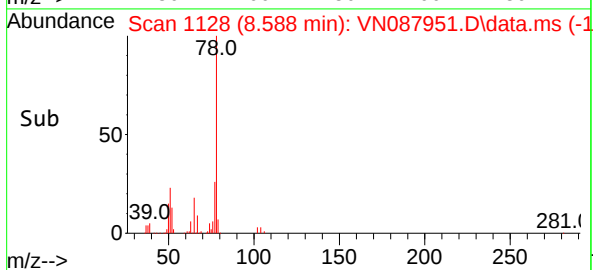
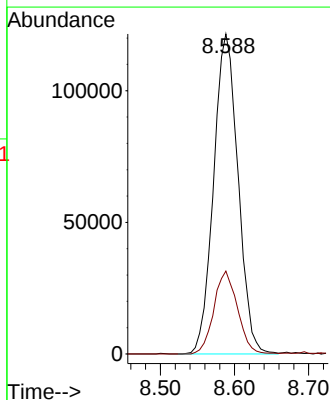
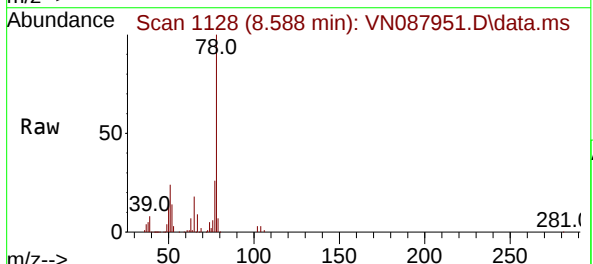
Manual Integrations
APPROVED

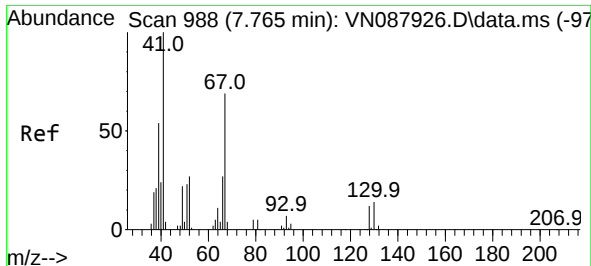
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#40
Benzene
Concen: 19.327 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

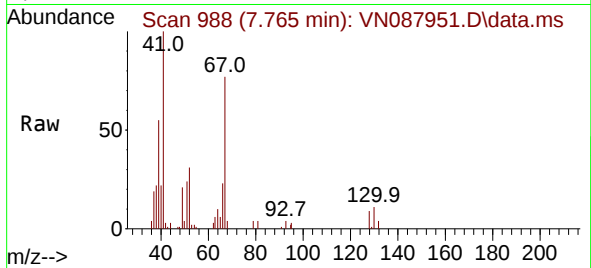
Tgt Ion: 78 Resp: 278350
Ion Ratio Lower Upper
78 100
77 25.9 19.0 28.6





#41
Methacrylonitrile
Concen: 18.300 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

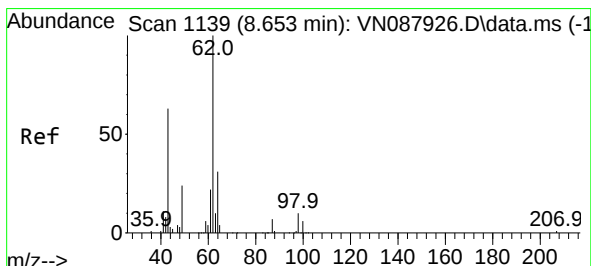
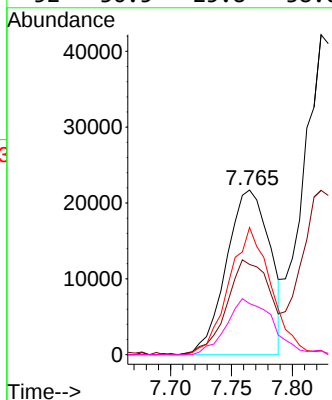
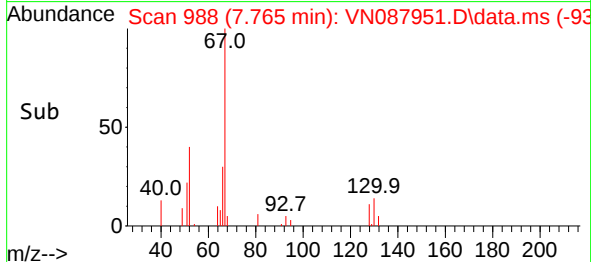
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.5	65.3
67	75.1	57.6	86.4
52	36.5	25.8	38.6

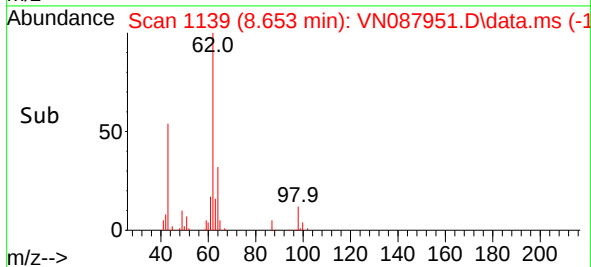
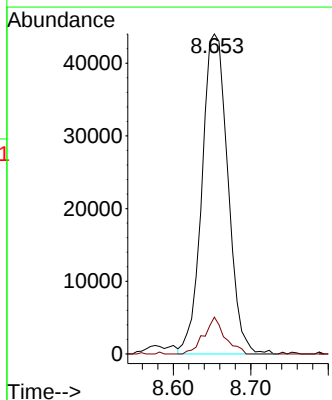
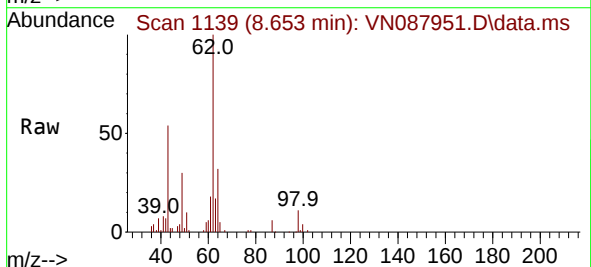
Manual Integrations
APPROVED

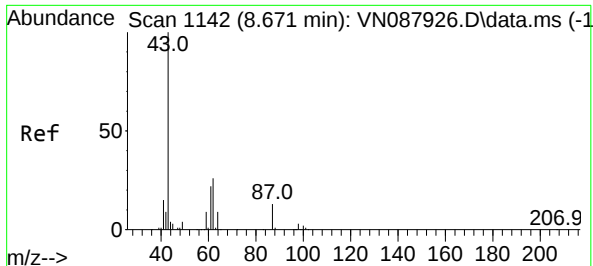
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#42
1,2-Dichloroethane
Concen: 19.003 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

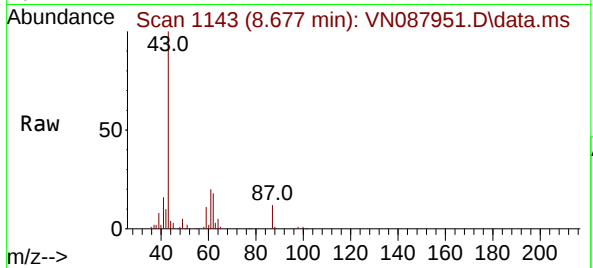
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43
Isopropyl Acetate
Concen: 18.415 ug/l
RT: 8.677 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

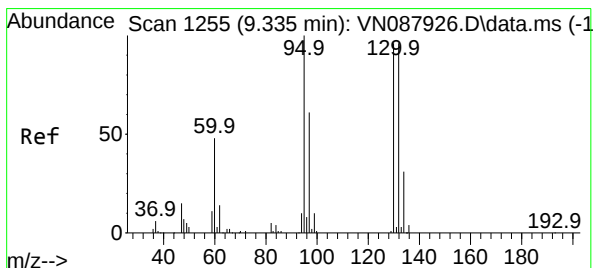
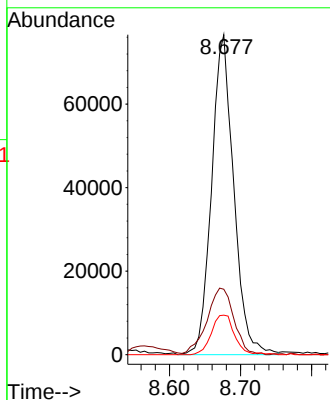
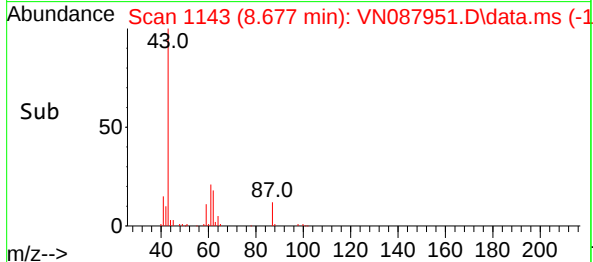
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 43 Resp: 16556
Ion Ratio Lower Upper
43 100
61 25.4 20.2 30.2
87 13.0 10.9 16.3

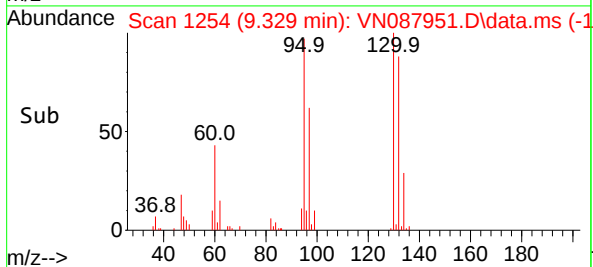
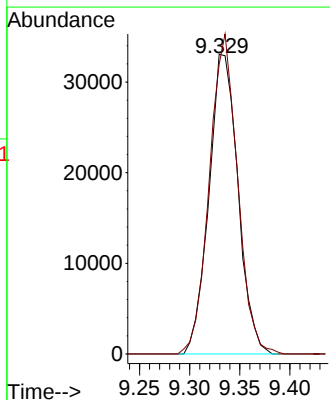
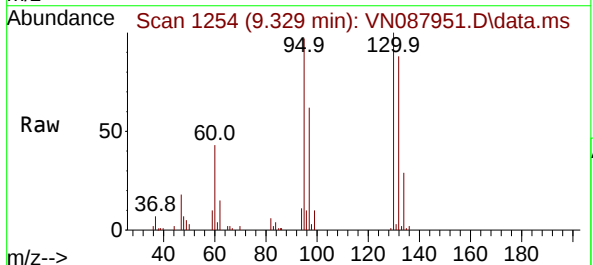
Manual Integrations
APPROVED

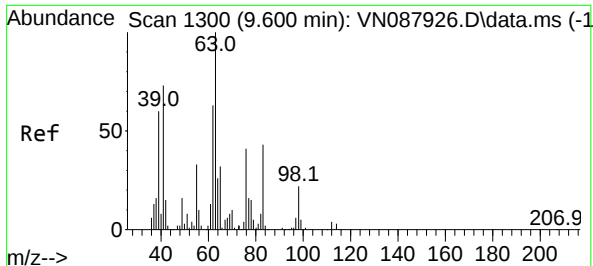
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#44
Trichloroethene
Concen: 19.394 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Tgt Ion:130 Resp: 66720
Ion Ratio Lower Upper
130 100
95 96.7 0.0 208.0





#45

1,2-Dichloropropane

Concen: 19.384 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tgt Ion: 63 Resp: 7000

Ion Ratio Lower Upper

63 100

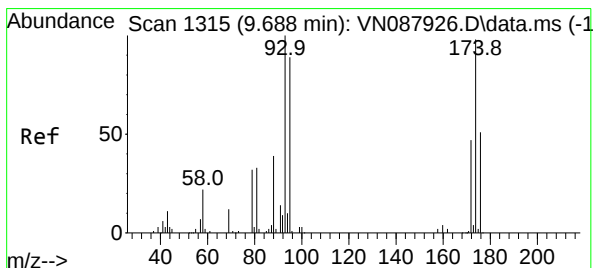
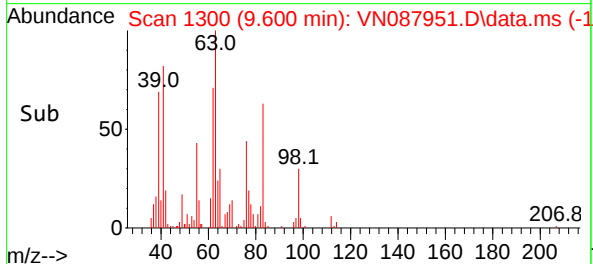
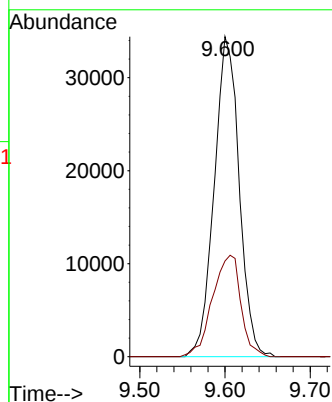
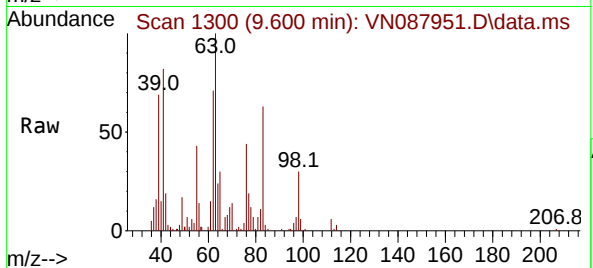
65 29.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 18.701 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

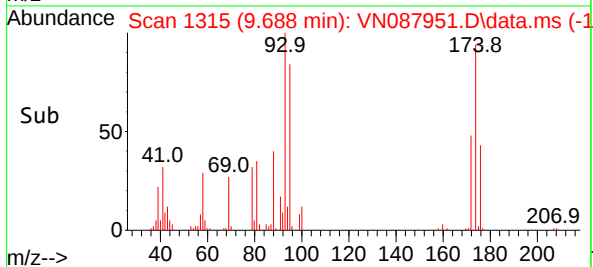
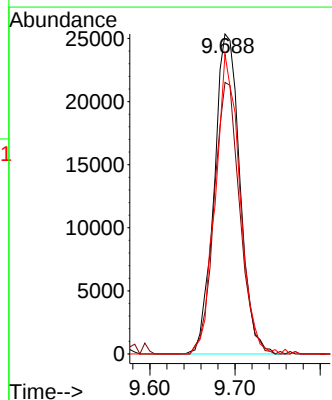
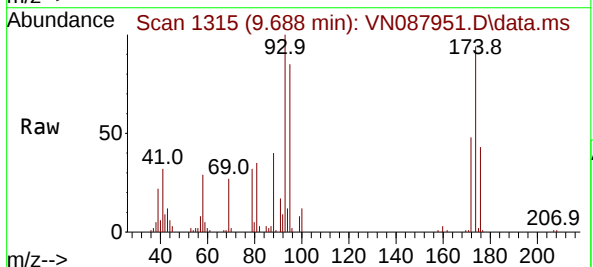
Tgt Ion: 93 Resp: 53291

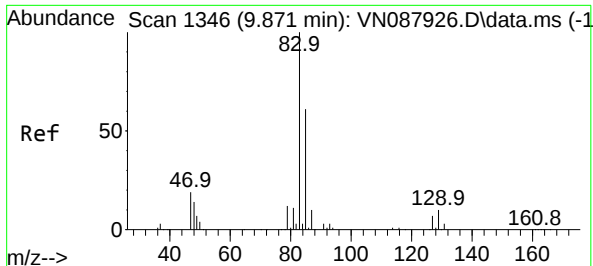
Ion Ratio Lower Upper

93 100

95 84.3 67.6 101.4

174 89.0 75.4 113.0





#47

Bromodichloromethane

Concen: 19.256 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tgt Ion: 83 Resp: 10762

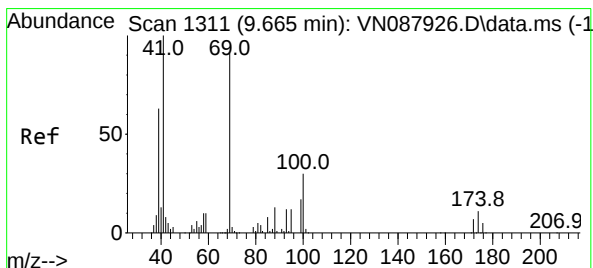
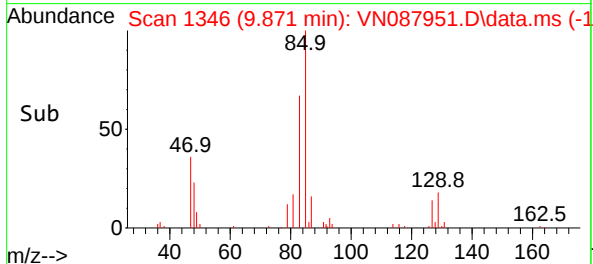
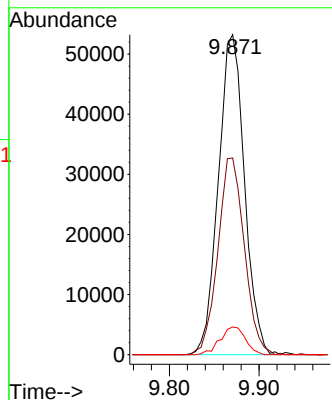
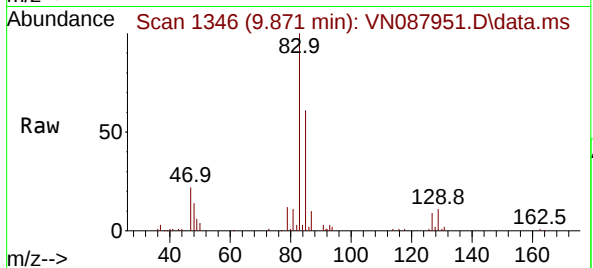
Ion	Ratio	Lower	Upper
83	100		
85	61.5	49.1	73.7
127	8.6	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#48

Methyl methacrylate

Concen: 18.287 ug/l

RT: 9.665 min Scan# 1311

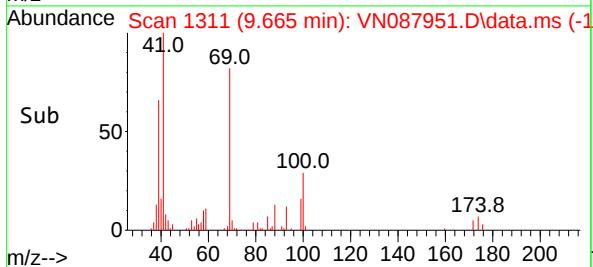
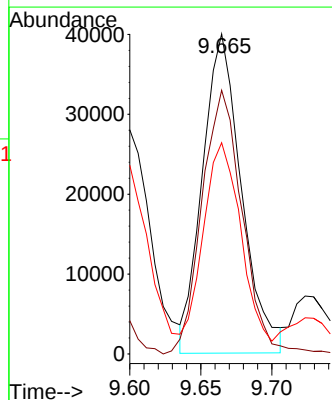
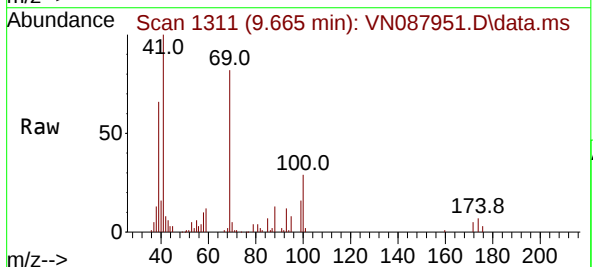
Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Tgt Ion: 41 Resp: 76141

Ion	Ratio	Lower	Upper
41	100		
69	85.7	70.9	106.3
39	66.0	52.9	79.3





#49

1,4-Dioxane

Concen: 403.447 ug/l

RT: 9.682 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

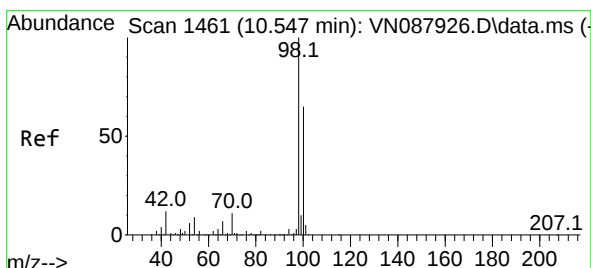
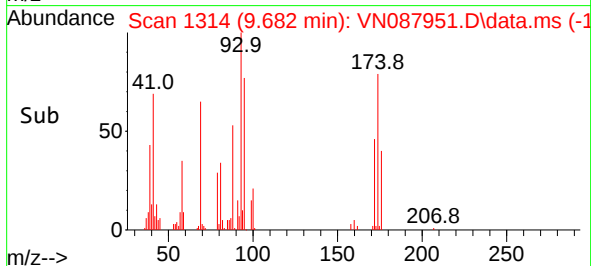
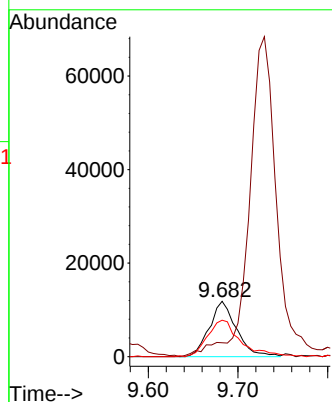
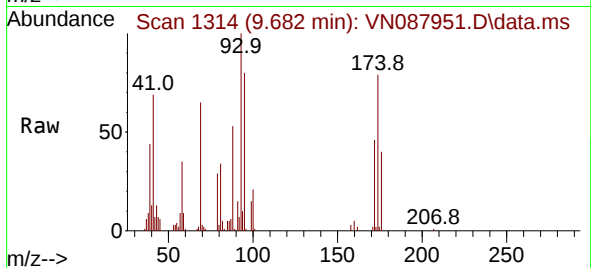
Tgt Ion:	88	Resp:	24810
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.6	33.8
58	80.3	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#50

Toluene-d8

Concen: 51.805 ug/l

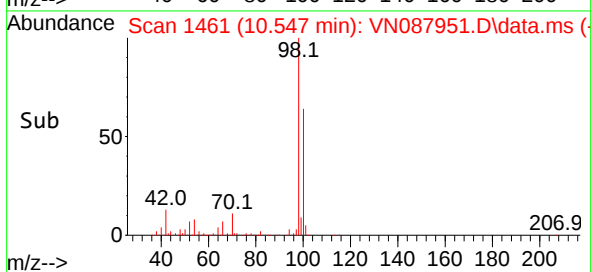
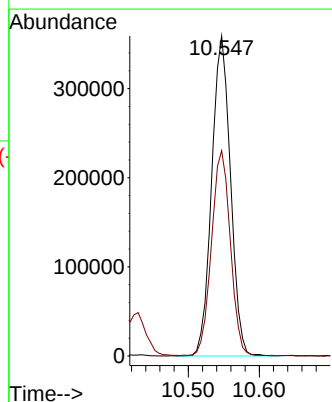
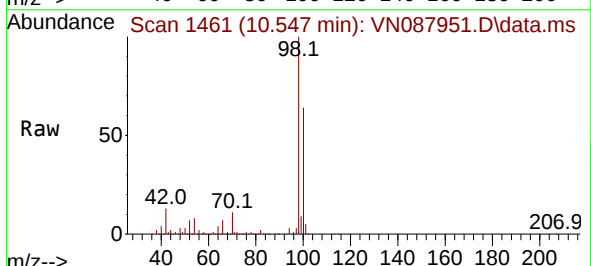
RT: 10.547 min Scan# 1461

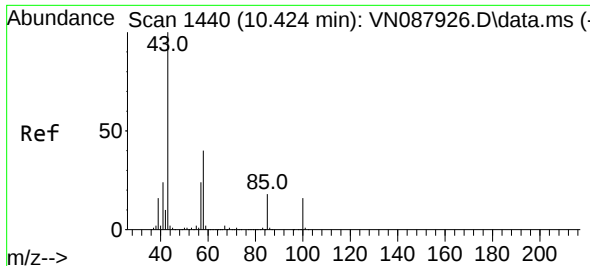
Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

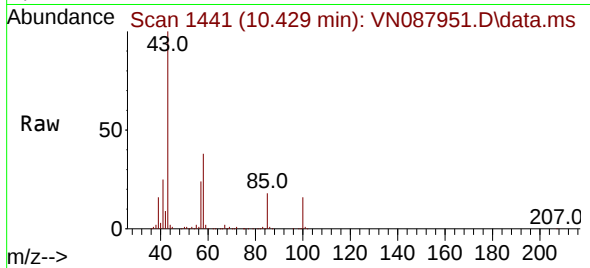
Tgt Ion:	98	Resp:	659020
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 98.397 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

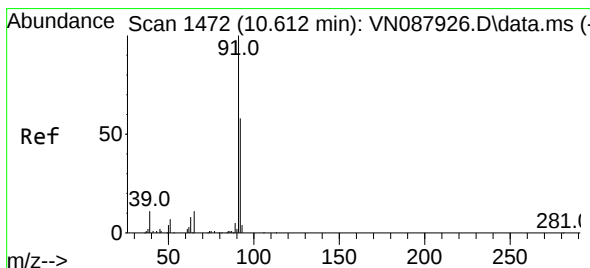
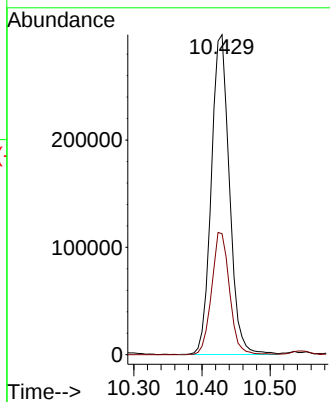
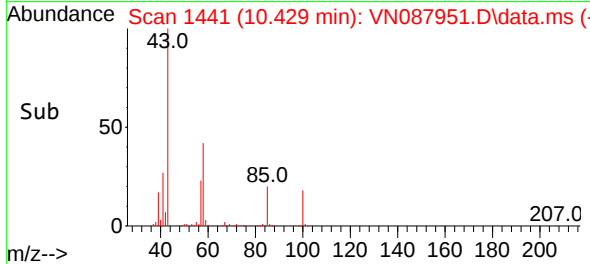
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 43 Resp: 55204
Ion Ratio Lower Upper
43 100
58 37.9 31.0 46.6

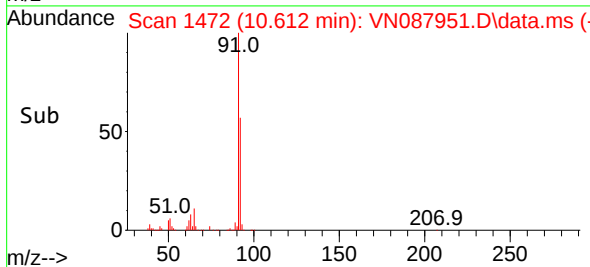
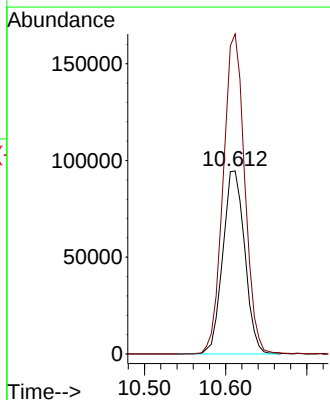
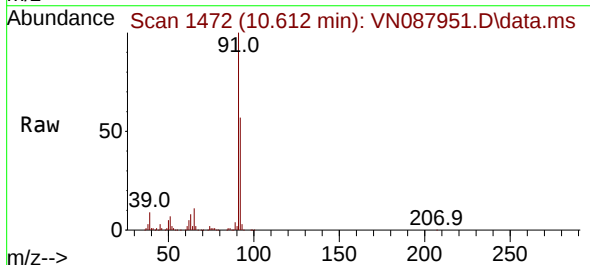
Manual Integrations
APPROVED

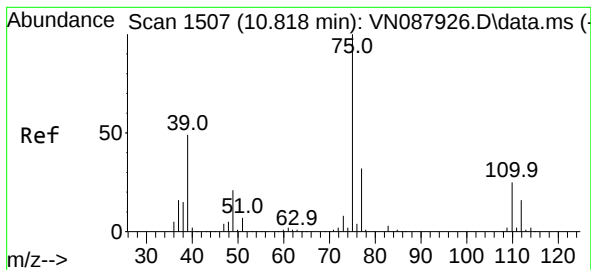
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 19.667 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

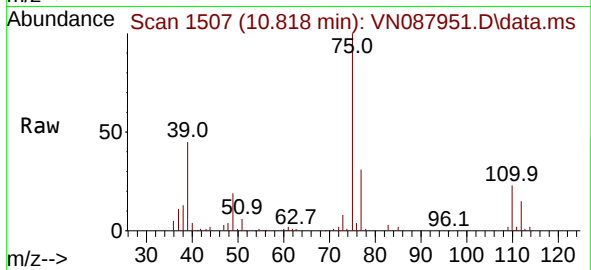
Tgt Ion: 92 Resp: 177745
Ion Ratio Lower Upper
92 100
91 172.0 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 18.891 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

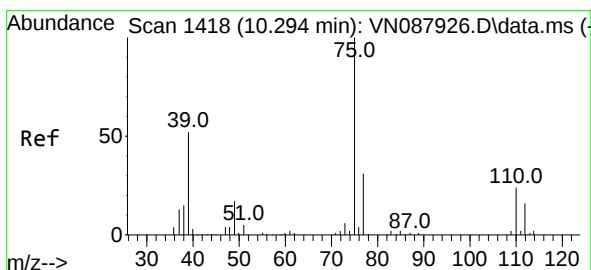
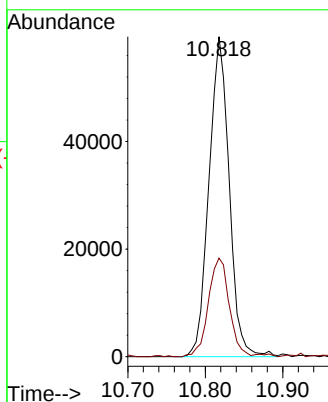
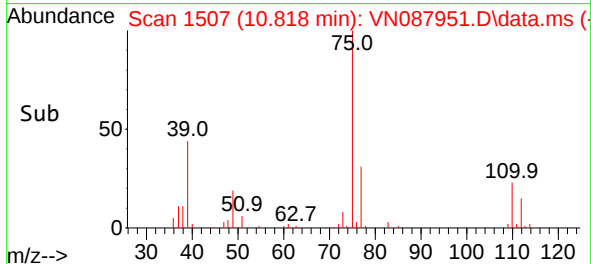
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 75 Resp: 108063
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

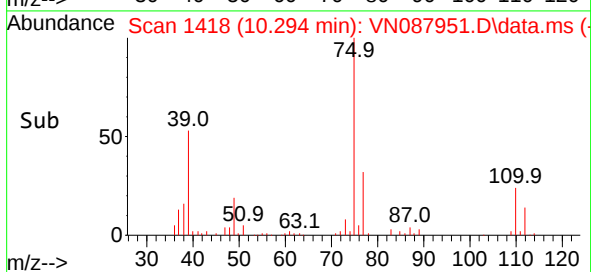
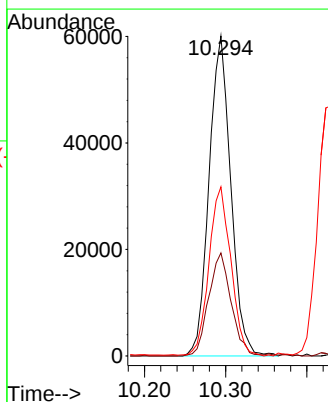
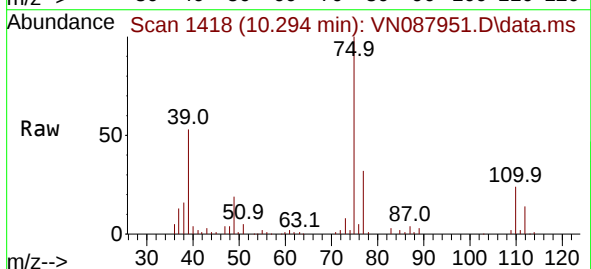
Manual Integrations
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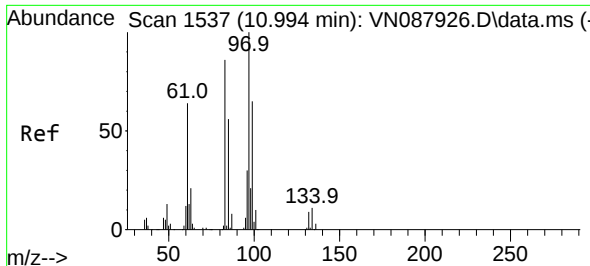
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#54
cis-1,3-Dichloropropene
Concen: 18.818 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

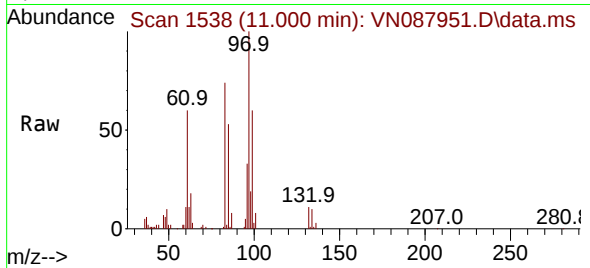
Tgt Ion: 75 Resp: 111802
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 52.6 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 19.330 ug/l
RT: 11.000 min Scan# 1537
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

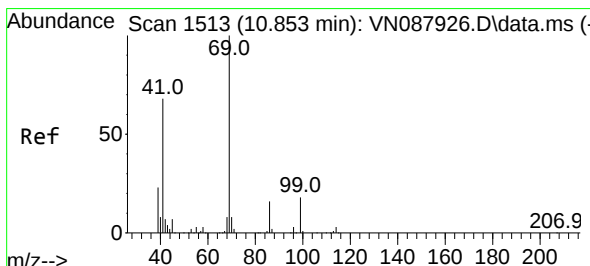
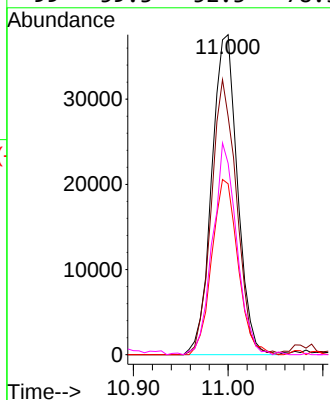
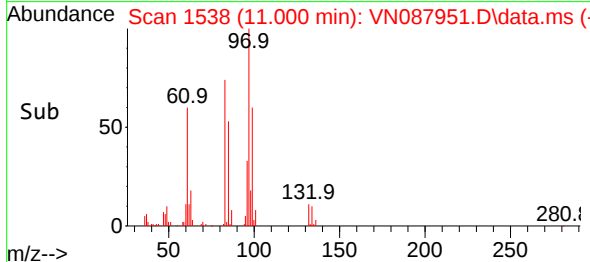
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



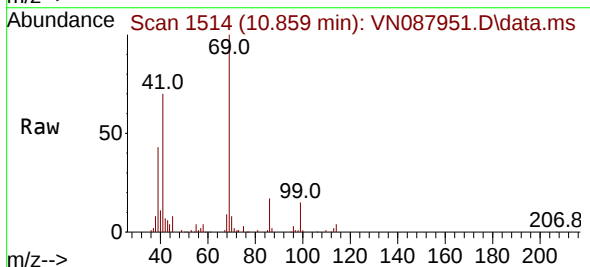
Tgt Ion: 97 Resp: 71033
Ion Ratio Lower Upper
97 100
83 74.5 69.0 103.4
85 53.4 44.4 66.6
99 59.3 52.3 78.5

Manual Integrations
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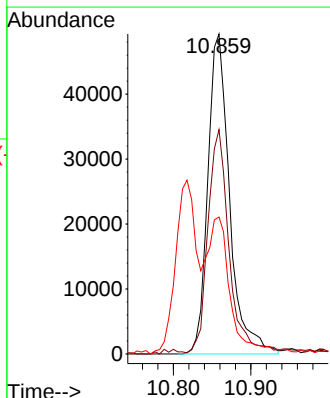
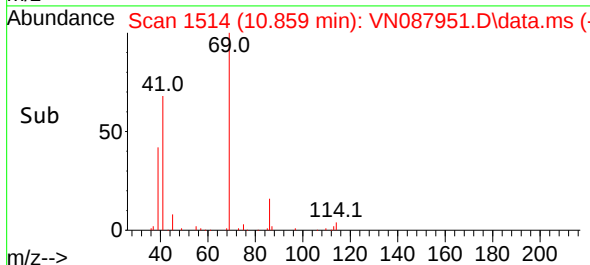
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

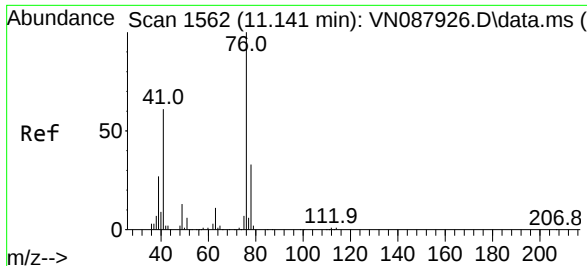


#56
Ethyl methacrylate
Concen: 18.136 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



Tgt Ion: 69 Resp: 96298
Ion Ratio Lower Upper
69 100
41 68.2 53.8 80.6
39 44.7 34.7 52.1





#57

1,3-Dichloropropane

Concen: 18.865 ug/l

RT: 11.141 min Scan# 11402

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tgt Ion: 76 Resp: 11402

Ion Ratio Lower Upper

76 100

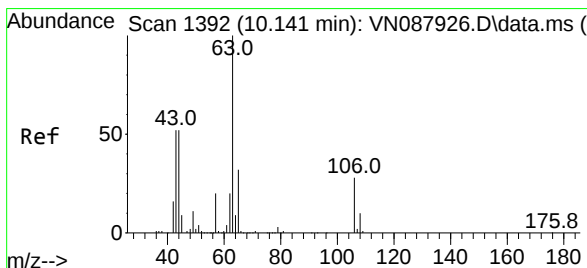
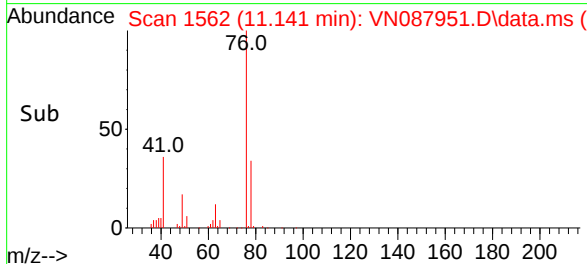
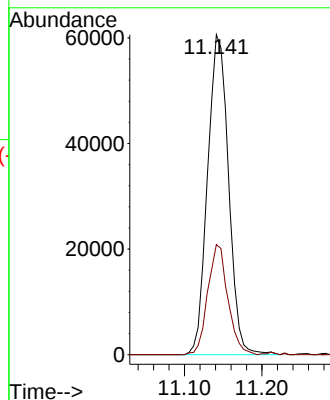
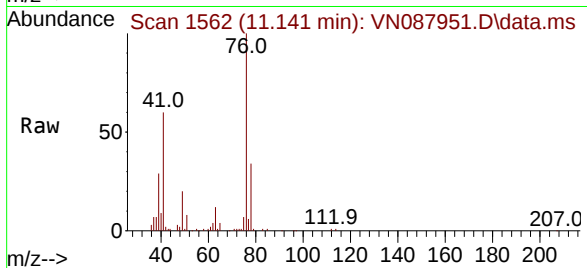
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 110.507 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087951.D

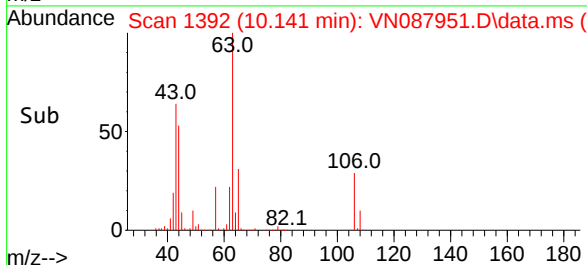
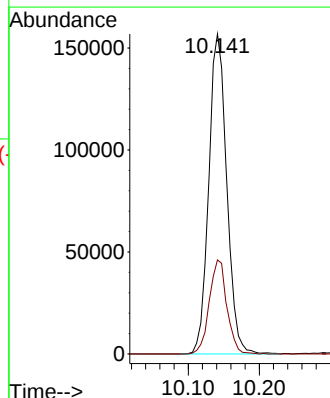
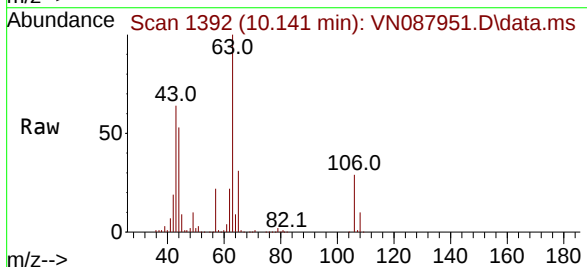
Acq: 25 Sep 2025 13:56

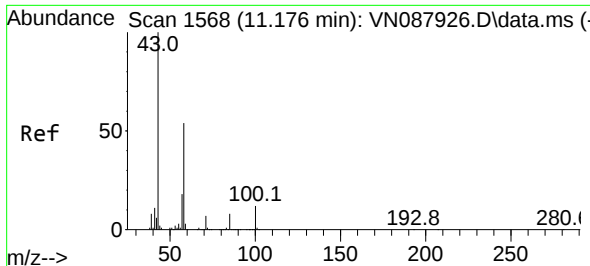
Tgt Ion: 63 Resp: 275893

Ion Ratio Lower Upper

63 100

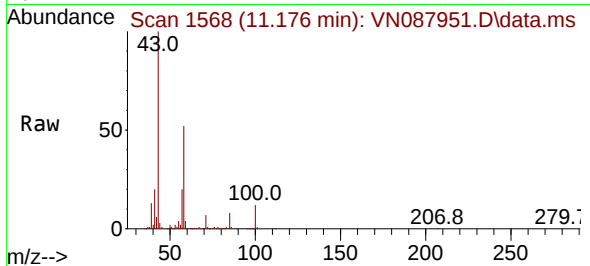
106 28.7 22.6 33.8





#59
2-Hexanone
Concen: 97.426 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

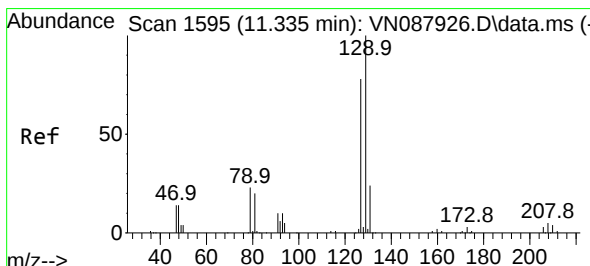
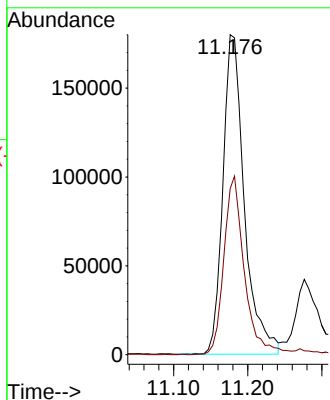
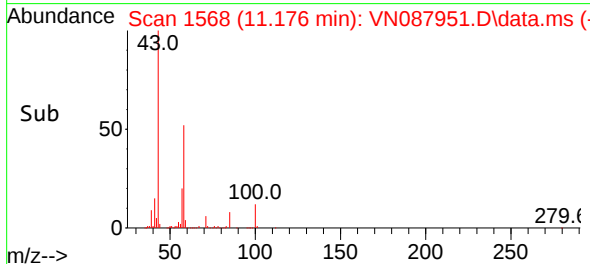
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



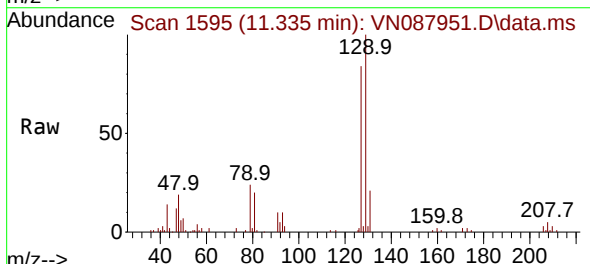
Tgt Ion: 43 Resp: 361420
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.2

Manual Integrations
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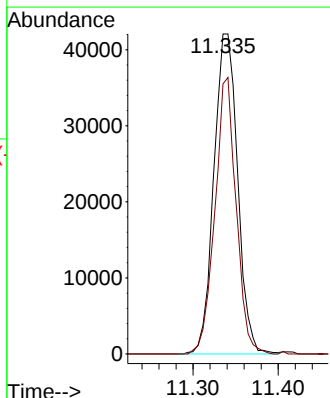
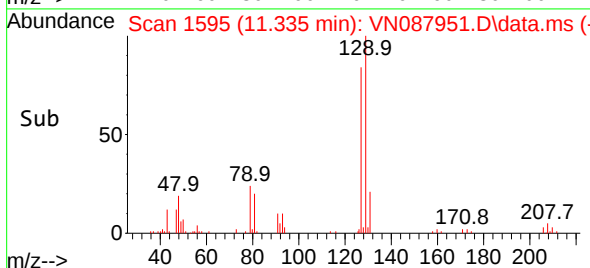
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

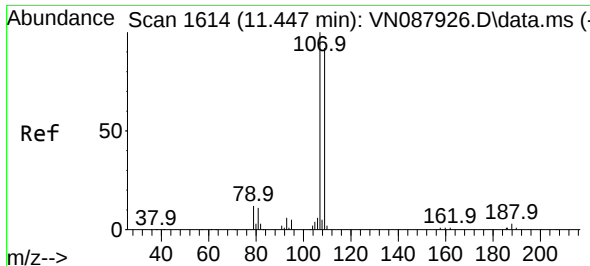


#60
Dibromochloromethane
Concen: 18.898 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



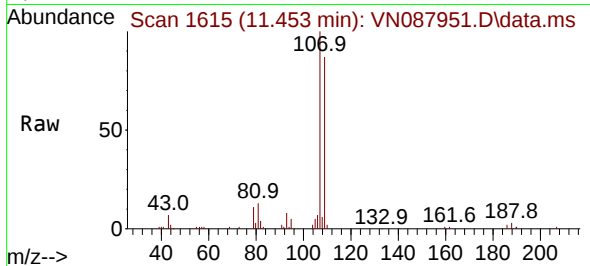
Tgt Ion:129 Resp: 81654
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.9





#61
1,2-Dibromoethane
Concen: 18.892 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

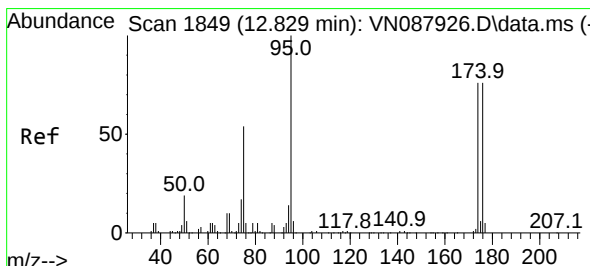
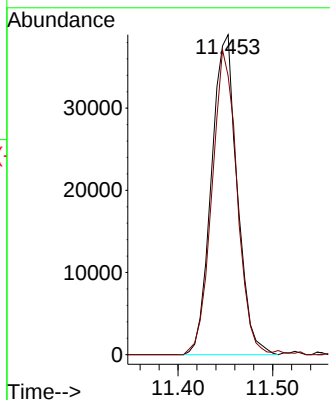
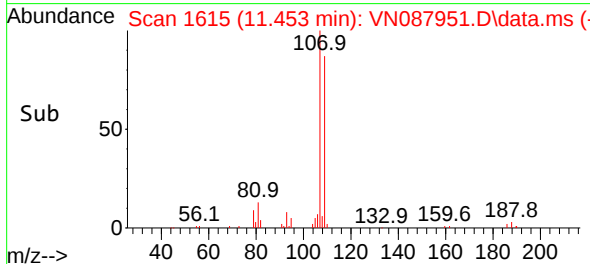
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



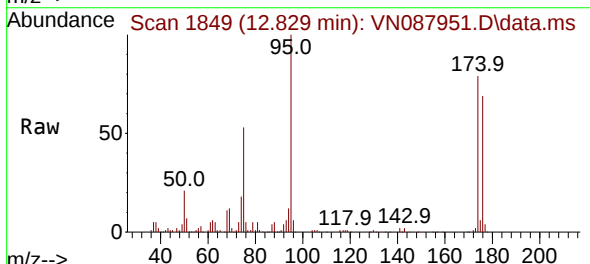
Tgt Ion:107 Resp: 7349
Ion Ratio Lower Upper
107 100
109 92.8 75.3 112.9

Manual Integrations
APPROVED

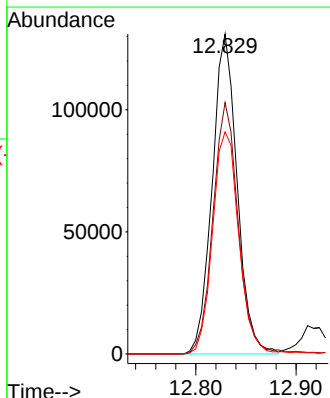
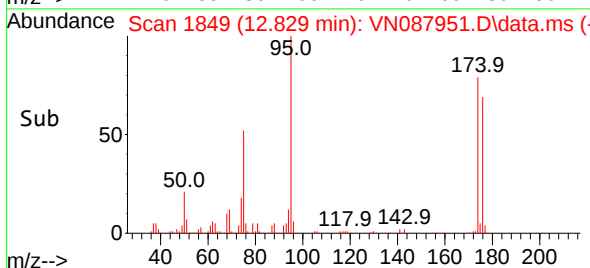
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

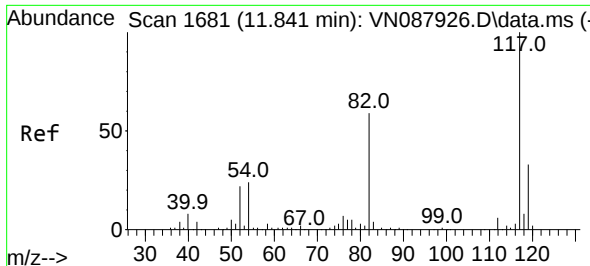


#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



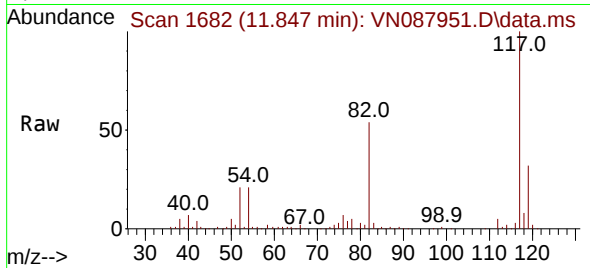
Tgt Ion: 95 Resp: 226467
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.2
176 73.5 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

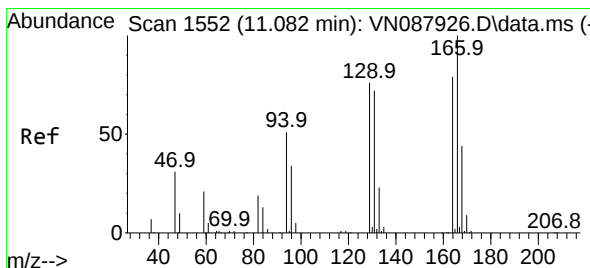
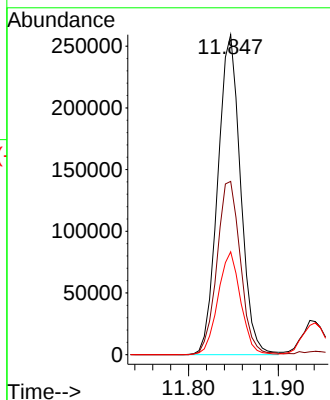
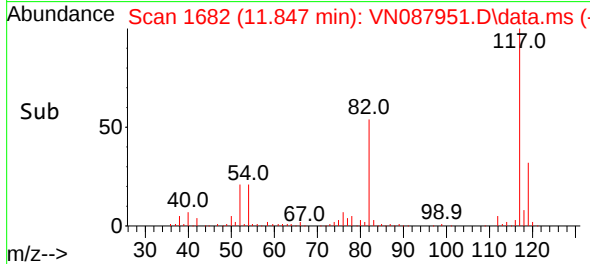
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion:117 Resp: 45659
Ion Ratio Lower Upper
117 100
82 54.1 47.0 70.4
119 32.1 26.1 39.1

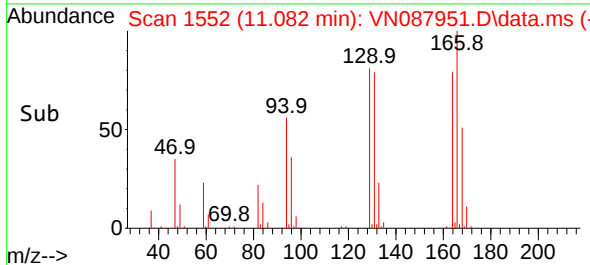
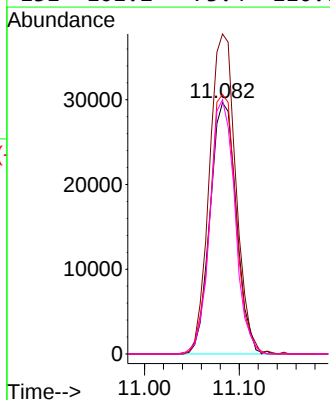
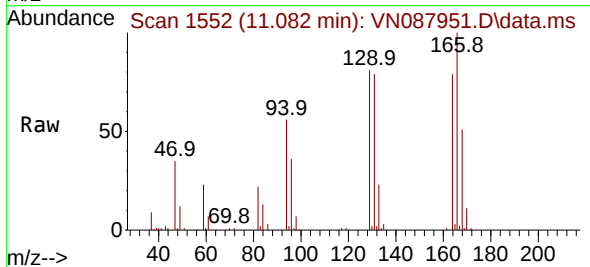
Manual Integrations
APPROVED

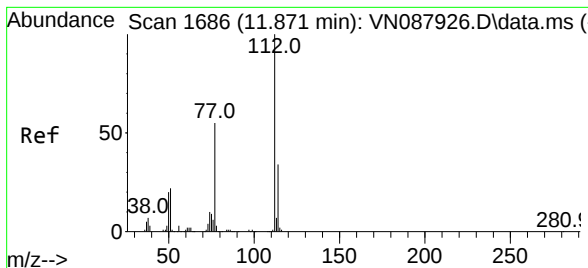
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#64
Tetrachloroethene
Concen: 20.520 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

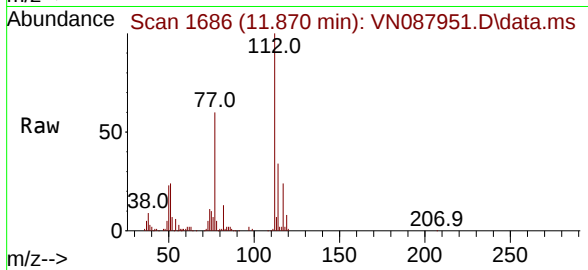
Tgt Ion:164 Resp: 57071
Ion Ratio Lower Upper
164 100
166 127.4 101.6 152.4
129 103.3 77.5 116.3
131 101.2 73.4 110.0





#65
Chlorobenzene
Concen: 20.436 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

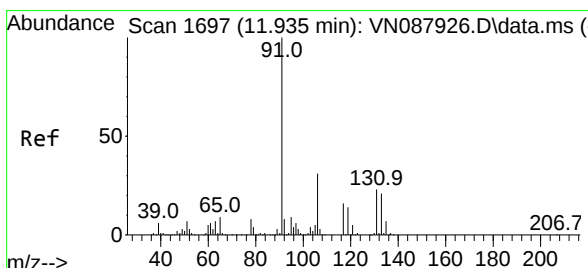
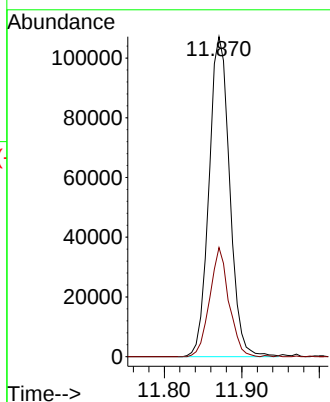
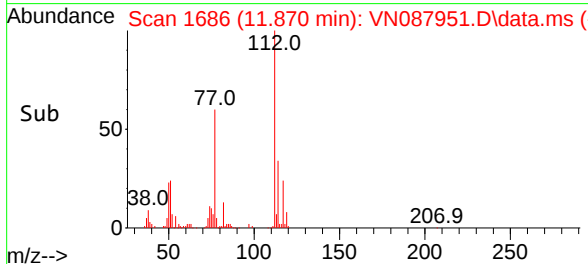
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



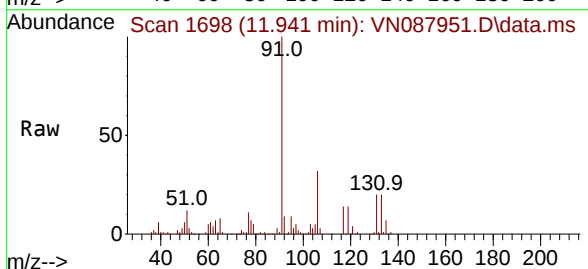
Tgt Ion:112 Resp: 198560
Ion Ratio Lower Upper
112 100
114 34.1 27.2 40.8

Manual Integrations
APPROVED

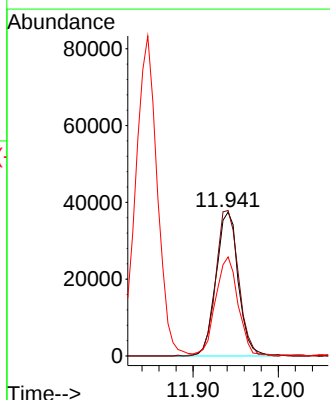
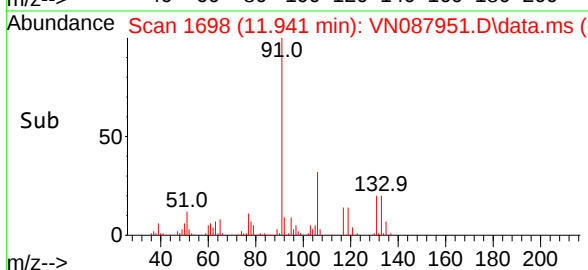
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

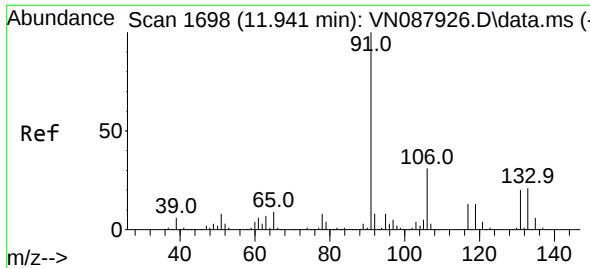


#66
1,1,1,2-Tetrachloroethane
Concen: 19.499 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



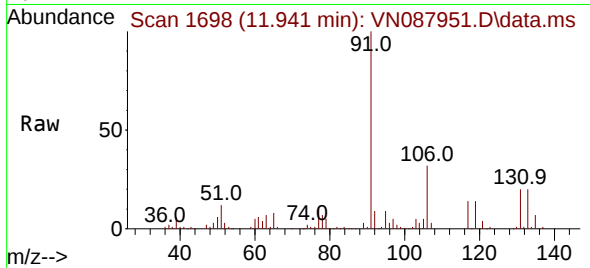
Tgt Ion:131 Resp: 68324
Ion Ratio Lower Upper
131 100
133 102.8 48.4 145.0
119 69.5 31.9 95.5





#67
Ethyl Benzene
Concen: 20.187 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

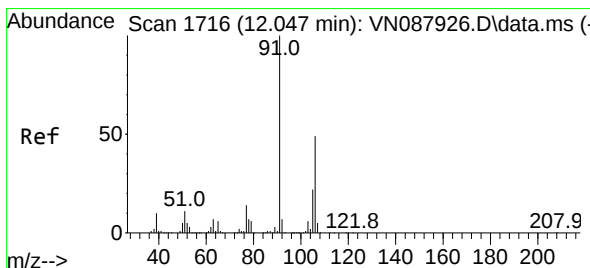
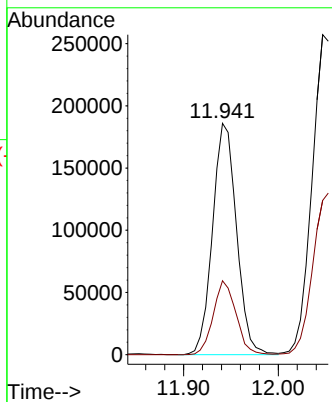
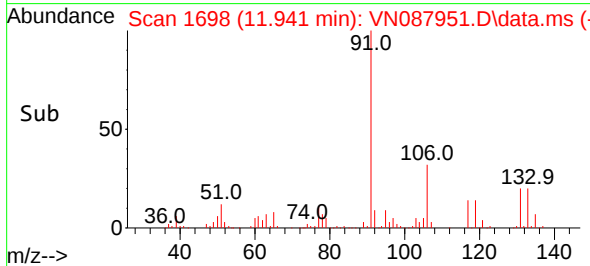
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



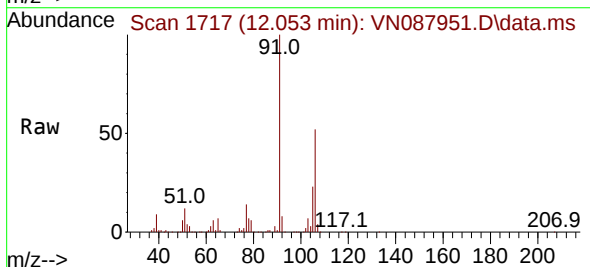
Tgt Ion: 91 Resp: 32729
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8

Manual Integrations
APPROVED

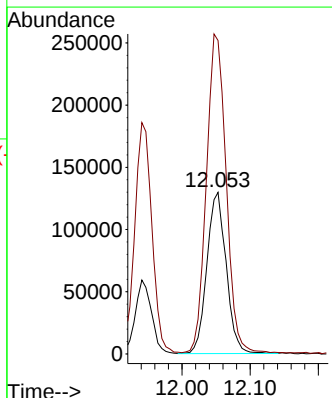
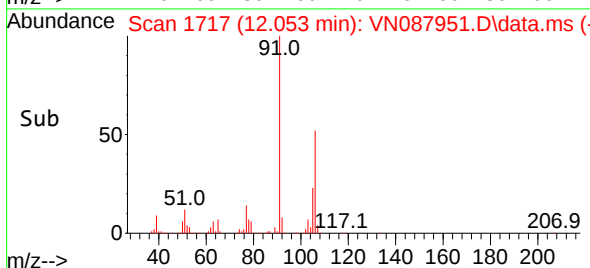
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

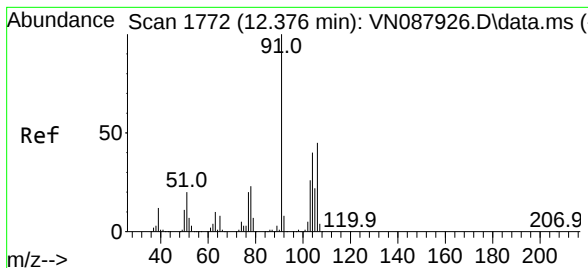


#68
m/p-Xylenes
Concen: 41.190 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



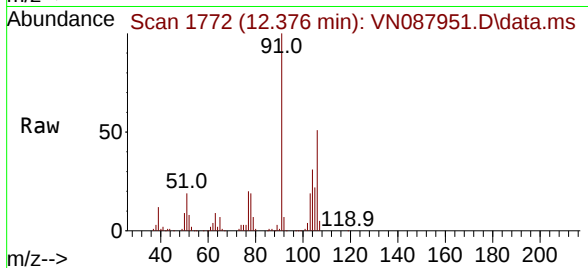
Tgt Ion:106 Resp: 255409
Ion Ratio Lower Upper
106 100
91 202.9 162.9 244.3





#69
o-Xylene
Concen: 20.058 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

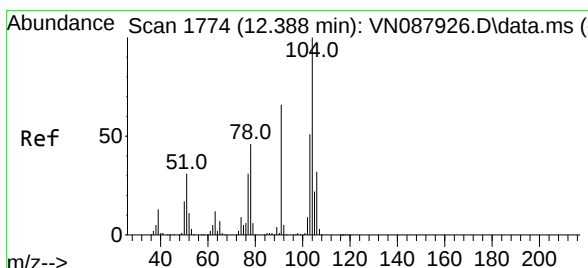
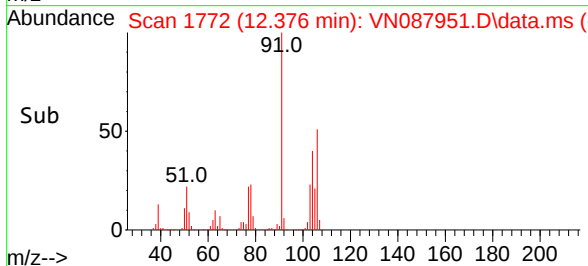
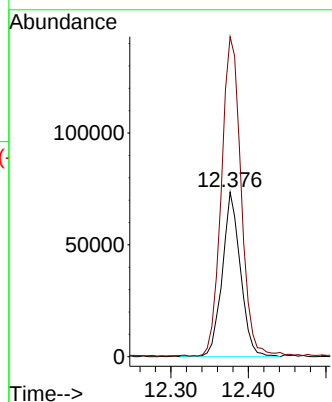
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion:106 Resp: 119494
Ion Ratio Lower Upper
106 100
91 211.6 108.2 324.6

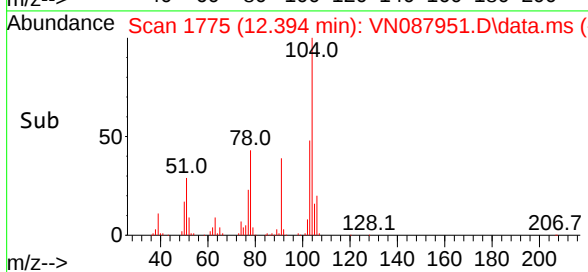
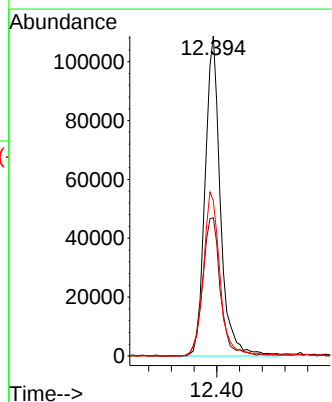
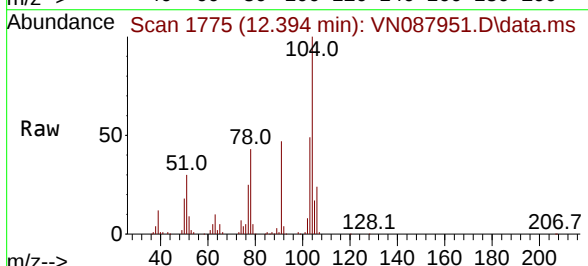
Manual Integrations
APPROVED

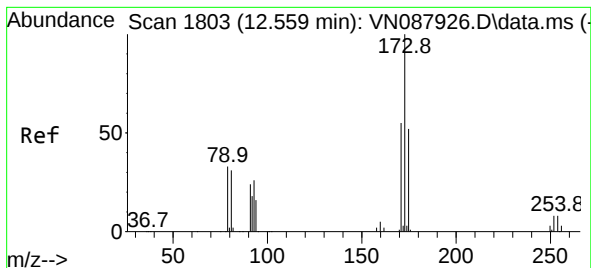
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#70
Styrene
Concen: 19.906 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

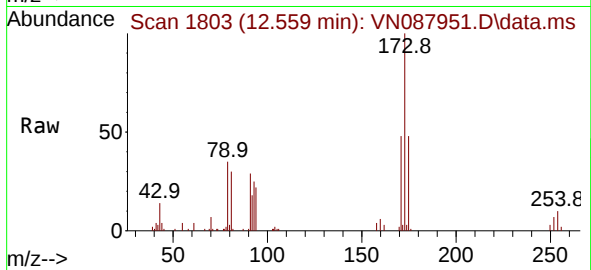
Tgt Ion:104 Resp: 203668
Ion Ratio Lower Upper
104 100
78 49.3 39.7 59.5
103 55.7 44.6 67.0





#71
Bromoform
Concen: 19.279 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

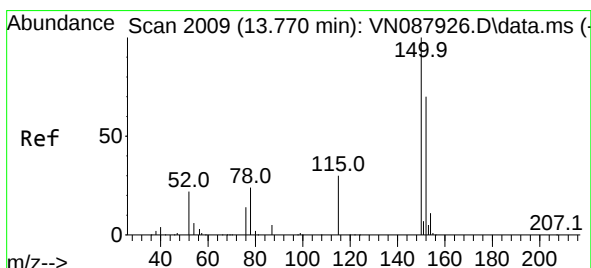
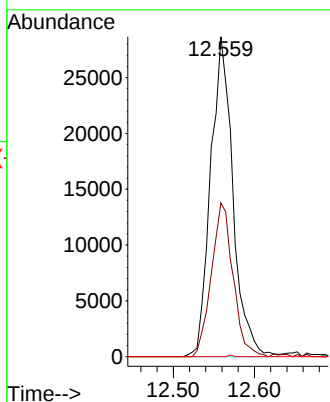
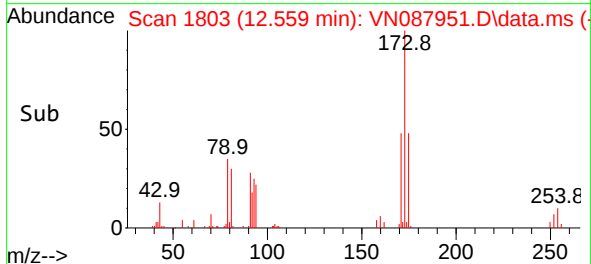
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



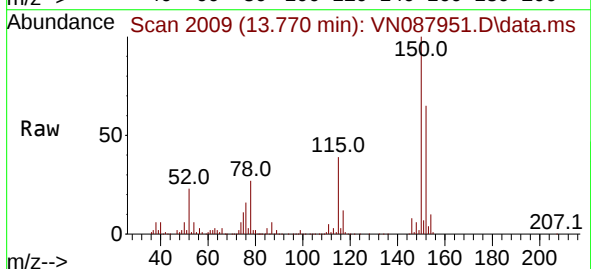
Tgt Ion:173 Resp: 5480
Ion Ratio Lower Upper
173 100
175 46.6 23.7 71.1
254 0.1 0.1 0.1

Manual Integrations
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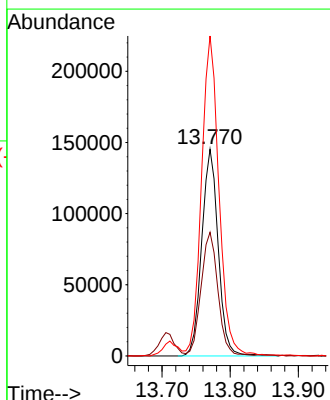
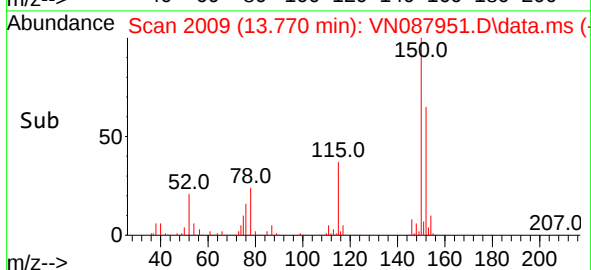
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

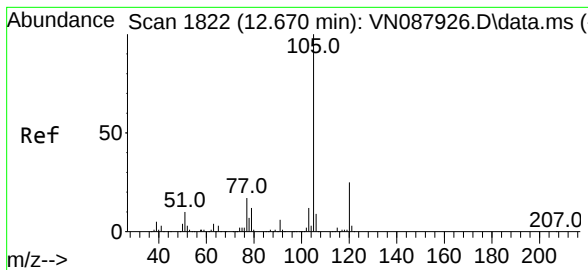


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



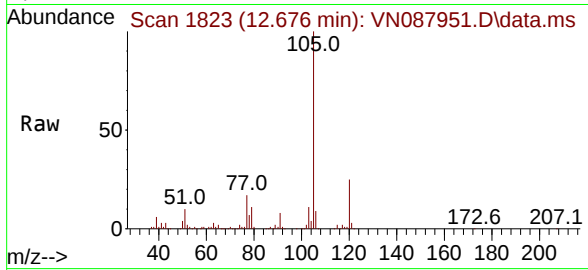
Tgt Ion:152 Resp: 244468
Ion Ratio Lower Upper
152 100
115 60.5 29.9 89.7
150 162.6 0.0 335.0





#73
Isopropylbenzene
Concen: 20.517 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

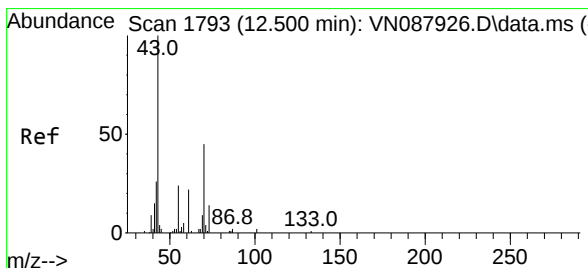
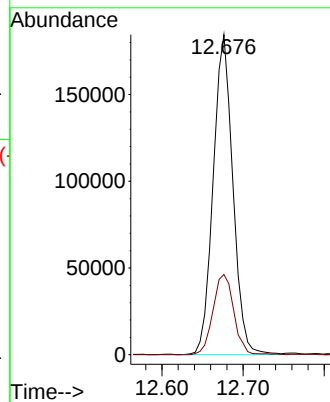
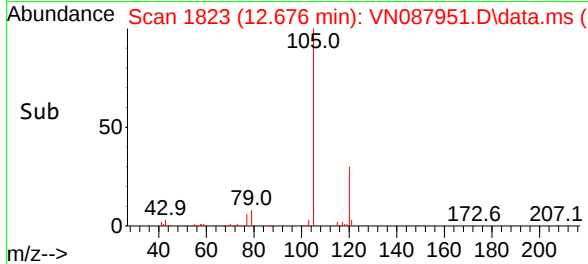
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



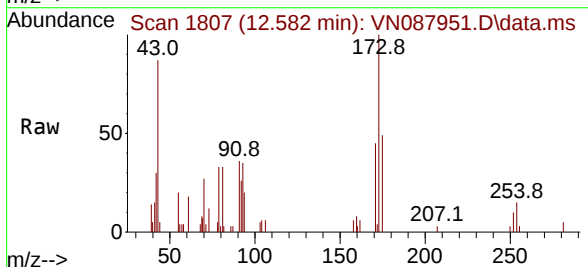
Tgt Ion:105 Resp: 31086
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
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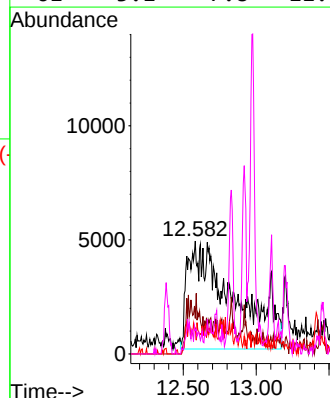
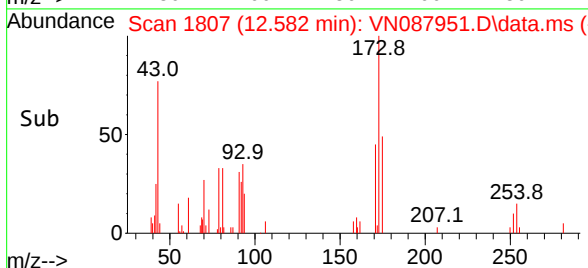
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

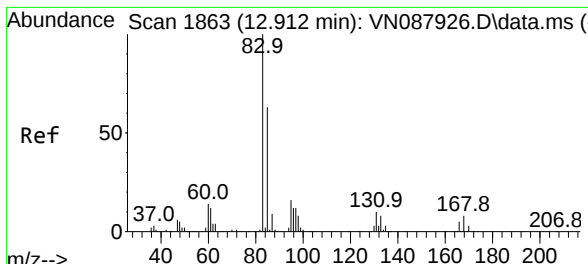


#74
N-ethyl acetate
Concen: 20.659 ug/l m
RT: 12.582 min Scan# 1807
Delta R.T. 0.082 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



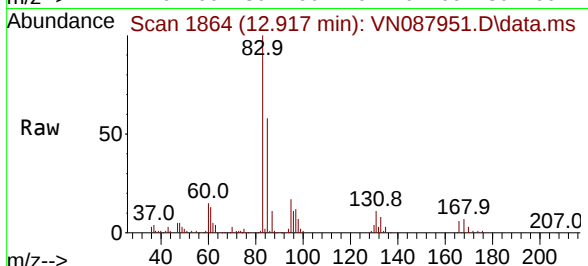
Tgt Ion: 43 Resp: 103135
Ion Ratio Lower Upper
43 100
70 2.6 19.8 29.8#
55 1.6 9.6 14.4#
61 3.1 7.8 11.6#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.125 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087951.D
 Acq: 25 Sep 2025 13:56

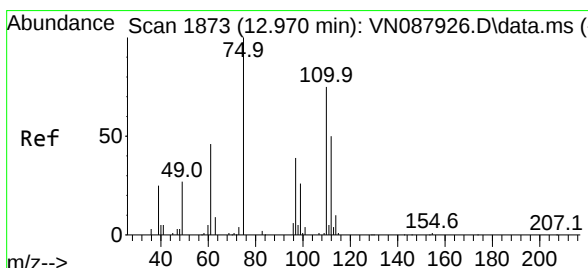
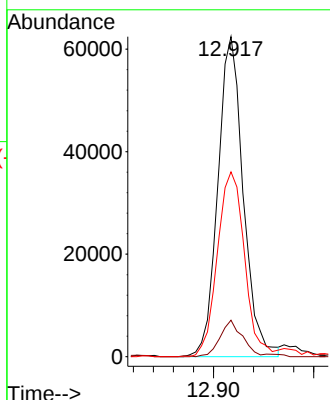
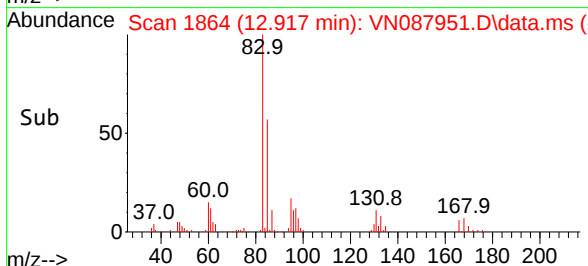
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01



Tgt Ion: 83 Resp: 109864
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 61.9 32.4 97.0

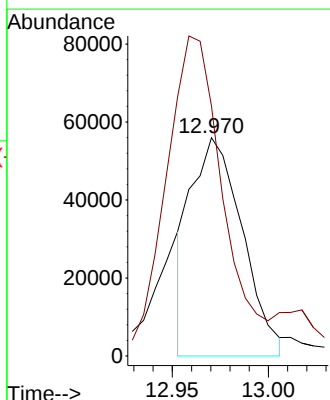
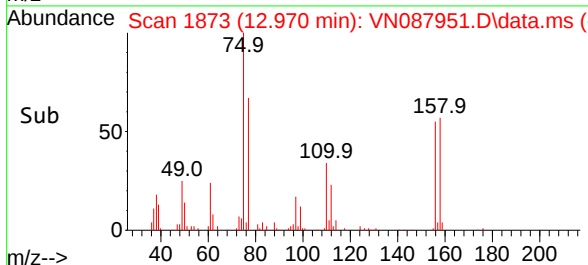
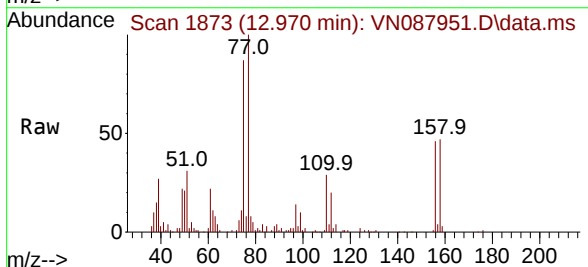
Manual Integrations
 APPROVED

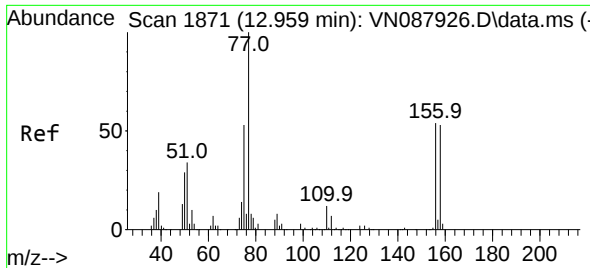
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#76
 1,2,3-Trichloropropane
 Concen: 21.614 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087951.D
 Acq: 25 Sep 2025 13:56

Tgt Ion: 75 Resp: 104158
 Ion Ratio Lower Upper
 75 100
 77 163.1 89.5 268.5





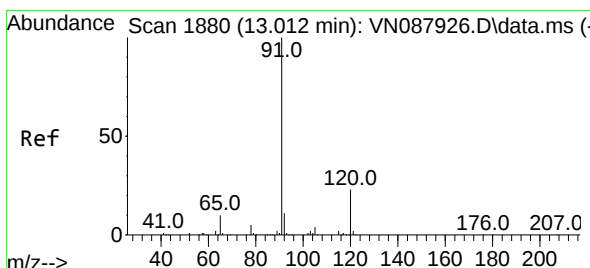
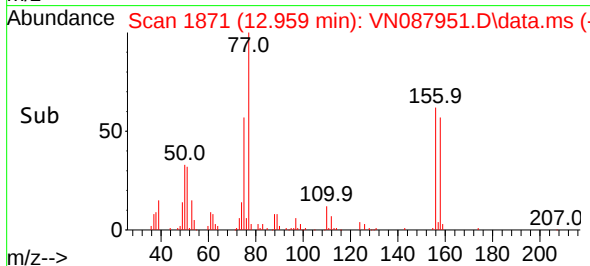
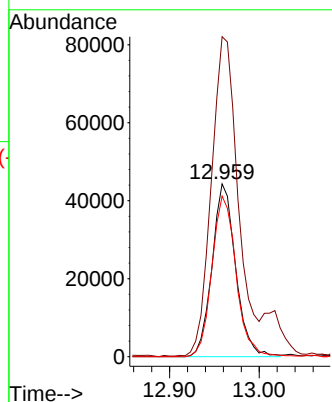
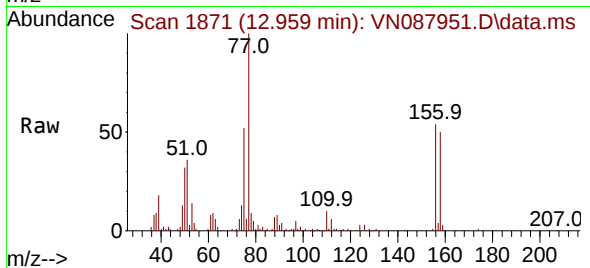
#77
Bromobenzene
Concen: 20.074 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tgt Ion:156 Resp: 8092
Ion Ratio Lower Upper
156 100
77 209.9 108.2 324.6
158 95.4 49.6 149.0

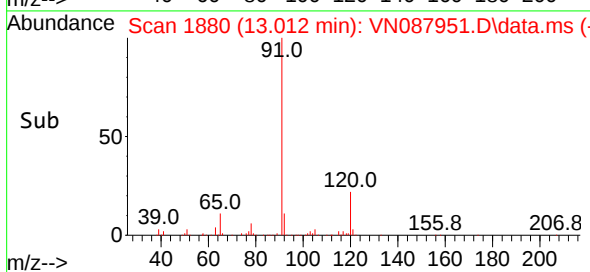
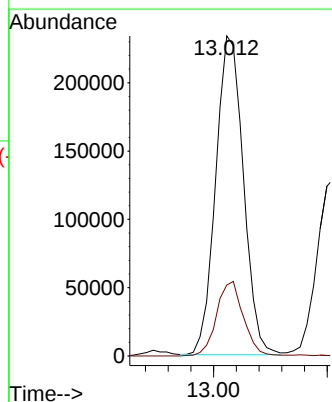
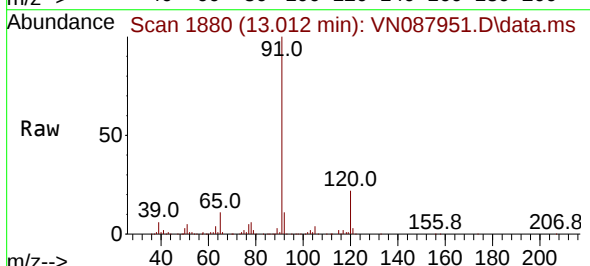
Manual Integrations
APPROVED

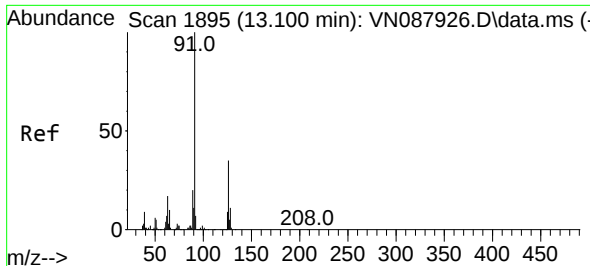
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#78
n-propylbenzene
Concen: 20.867 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

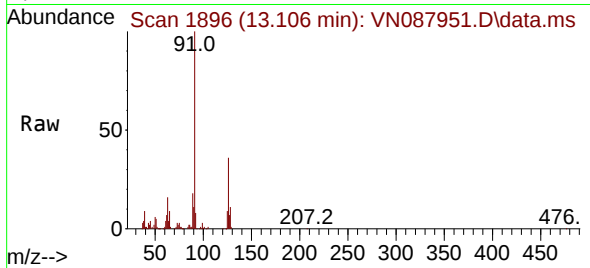
Tgt Ion: 91 Resp: 395299
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1





#79
2-Chlorotoluene
Concen: 19.942 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

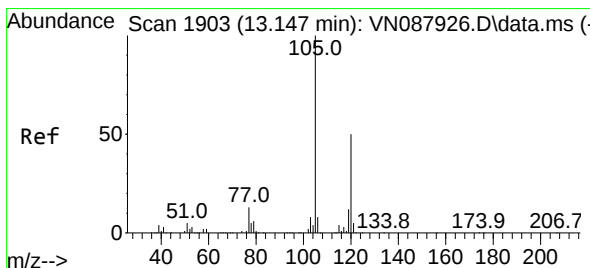
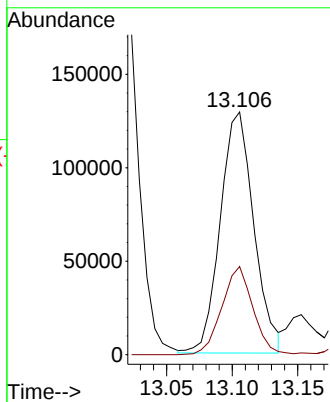
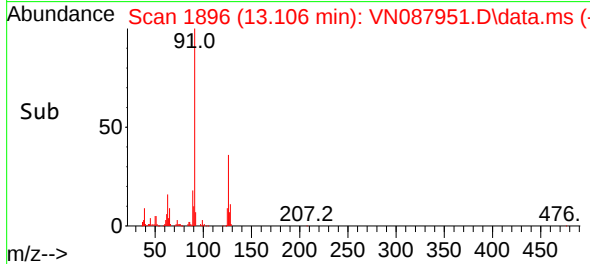
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



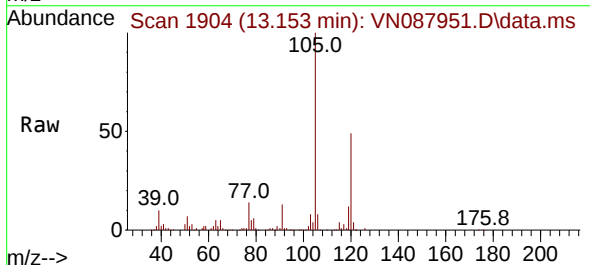
Tgt Ion: 91 Resp: 23002
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8

Manual Integrations
APPROVED

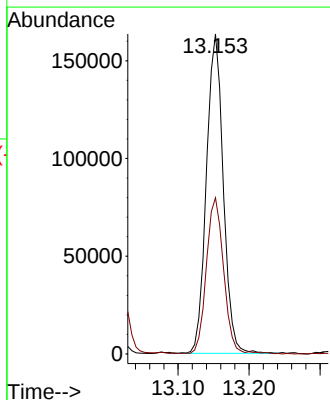
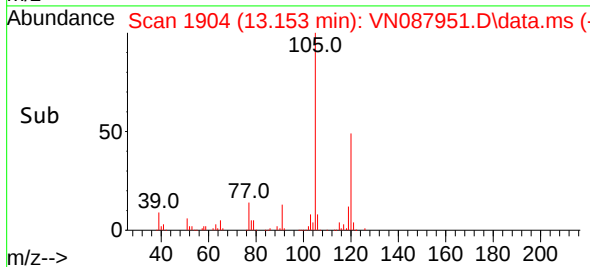
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

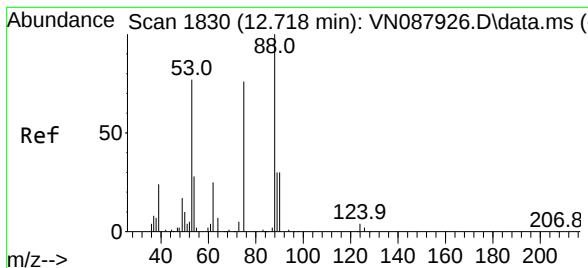


#80
1,3,5-Trimethylbenzene
Concen: 20.565 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



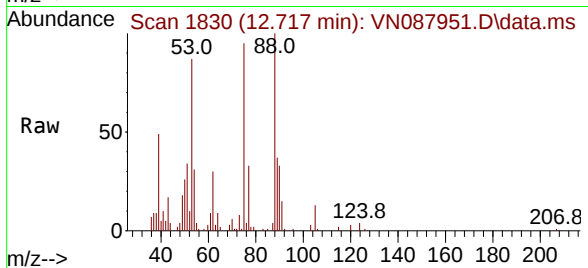
Tgt Ion:105 Resp: 269516
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.721 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

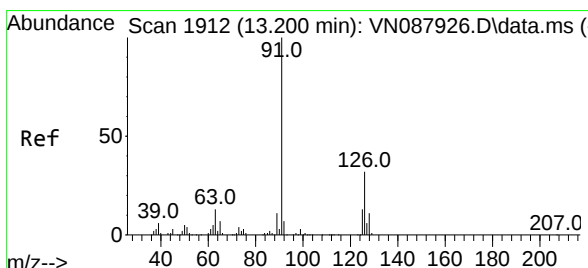
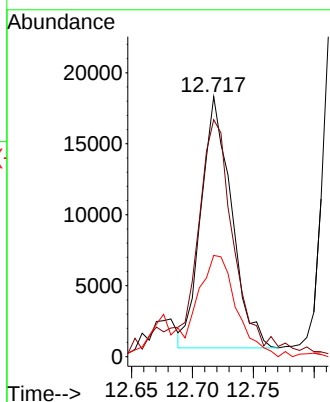
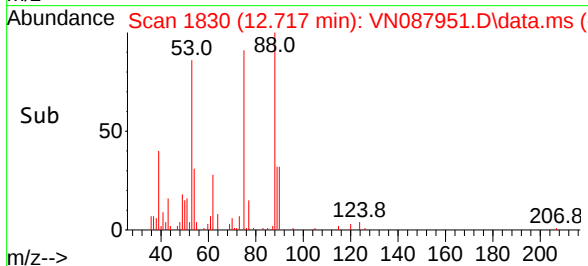
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



Tgt Ion: 75 Resp: 30754
Ion Ratio Lower Upper
75 100
53 125.3 82.0 123.0
89 49.3 36.1 54.1

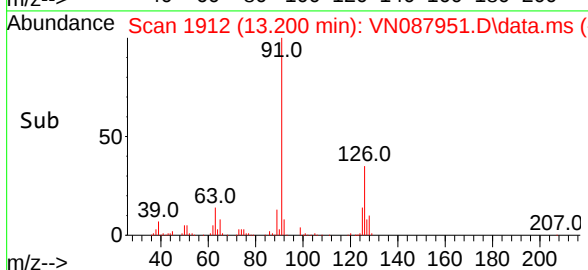
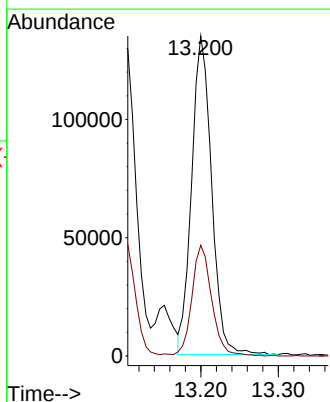
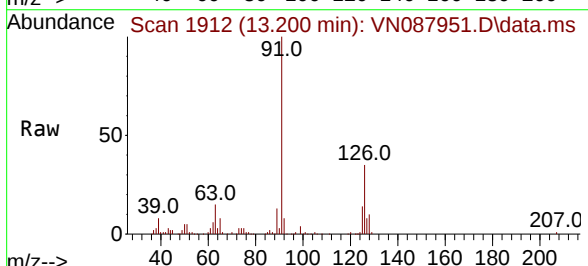
Manual Integrations
APPROVED

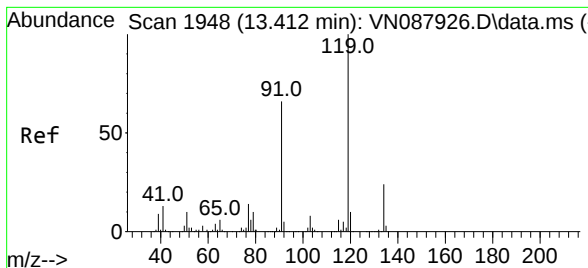
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#82
4-Chlorotoluene
Concen: 20.707 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

Tgt Ion: 91 Resp: 240663
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.6





#83

tert-Butylbenzene

Concen: 20.439 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

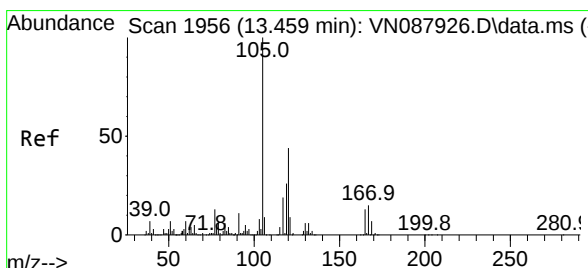
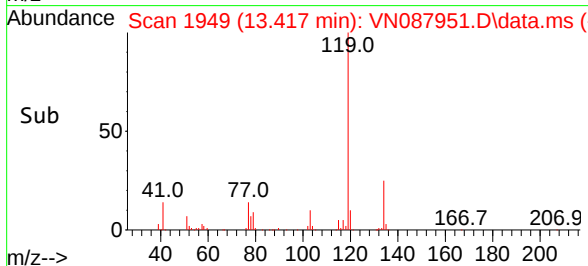
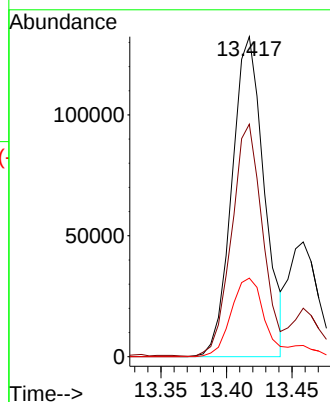
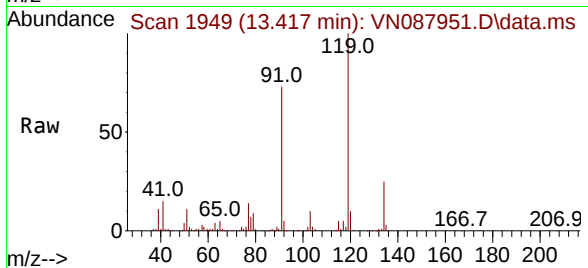
Tgt Ion:119 Resp: 226733
 Ion Ratio Lower Upper
 119 100
 91 69.5 32.1 96.3
 134 25.2 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.511 ug/l

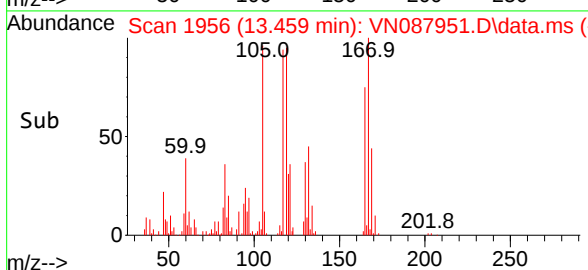
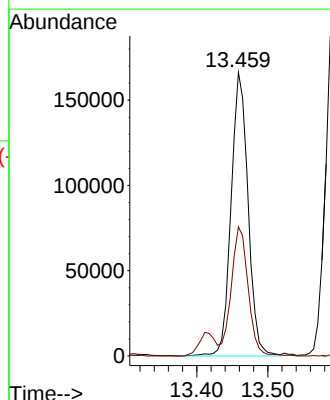
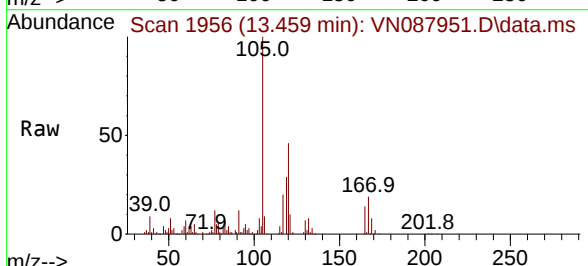
RT: 13.459 min Scan# 1956

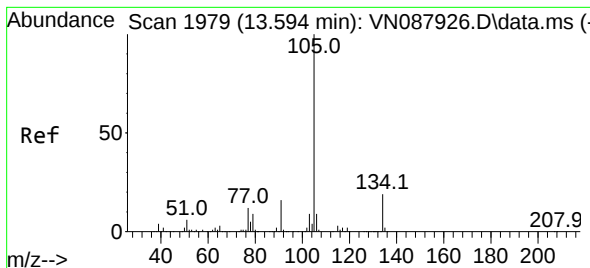
Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Tgt Ion:105 Resp: 275724
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.580 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tgt Ion:105 Resp: 350960

Ion Ratio Lower Upper

105 100

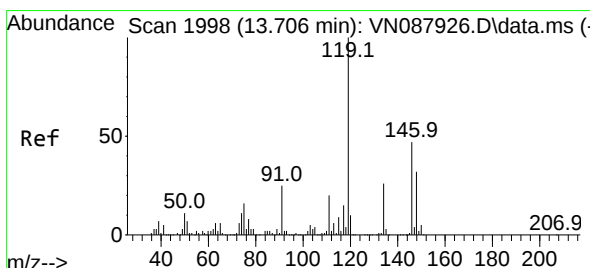
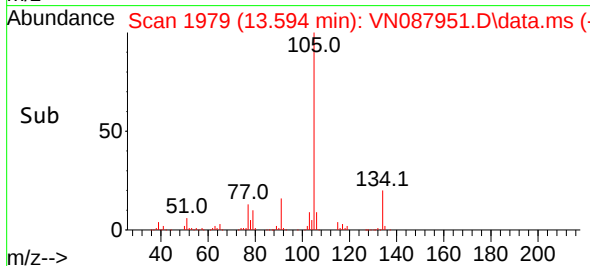
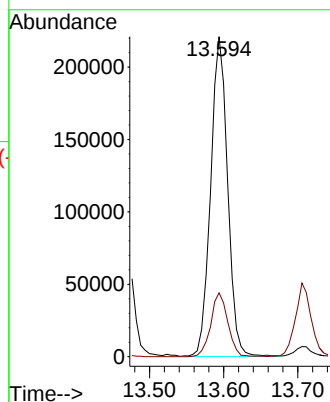
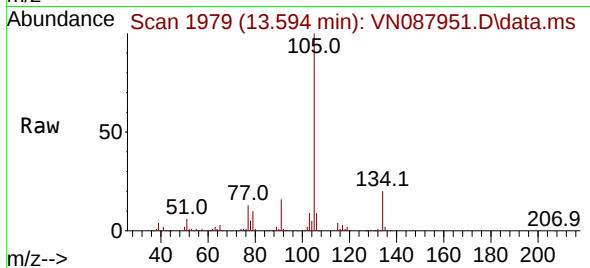
134 20.1 9.6 28.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#86

p-Isopropyltoluene

Concen: 21.107 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

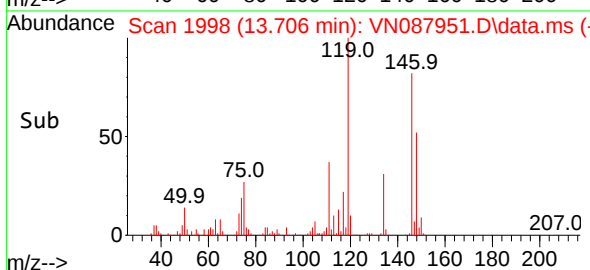
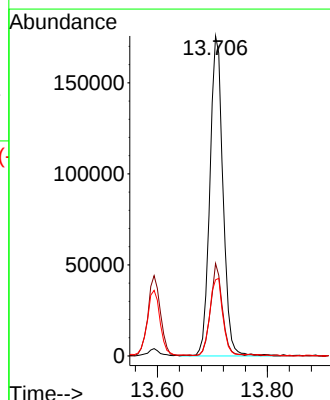
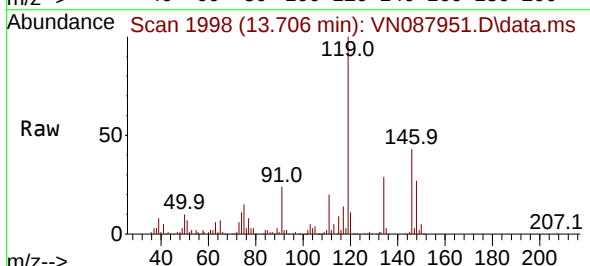
Tgt Ion:119 Resp: 290733

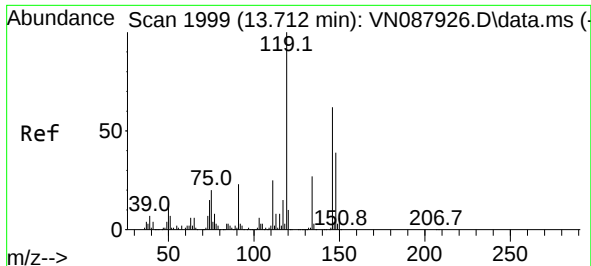
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

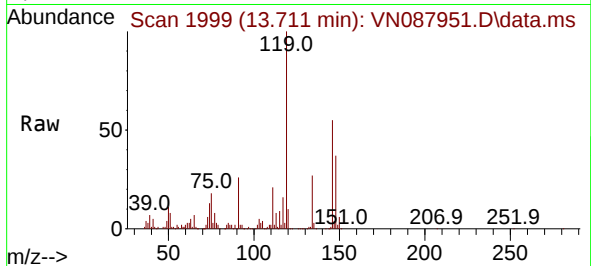
91 24.0 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.737 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

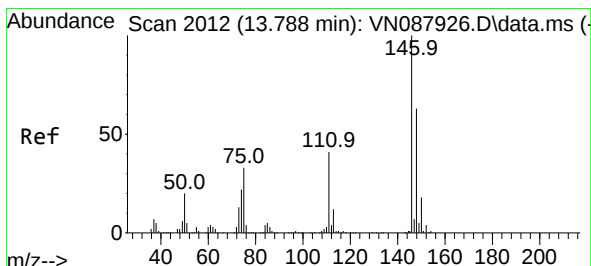
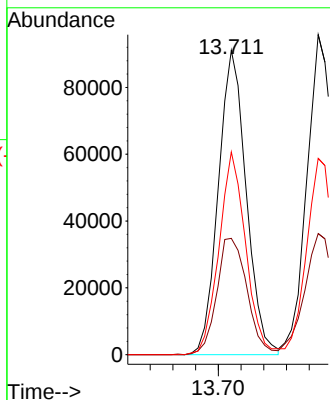
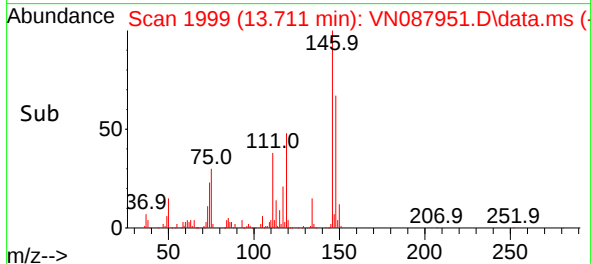
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



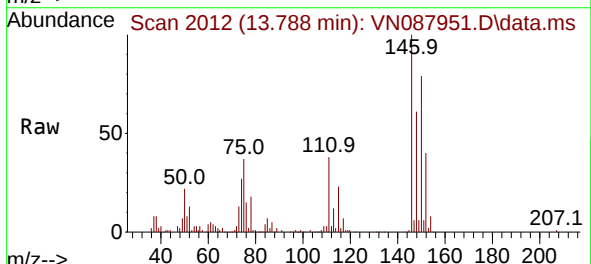
Tgt Ion:146 Resp: 155268
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.8
148 64.0 32.4 97.2

Manual Integrations
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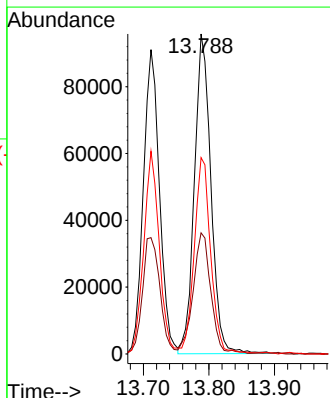
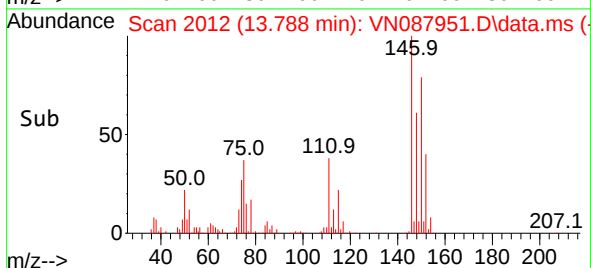
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

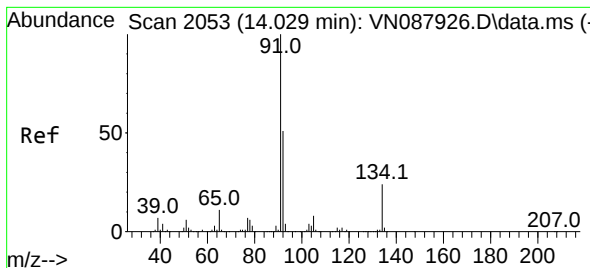


#88
1,4-Dichlorobenzene
Concen: 20.790 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



Tgt Ion:146 Resp: 168077
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.5
148 60.1 32.8 98.4





#89

n-Butylbenzene

Concen: 21.215 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

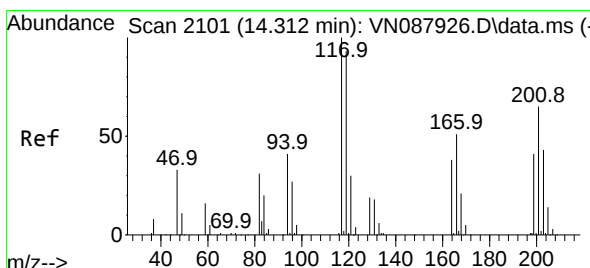
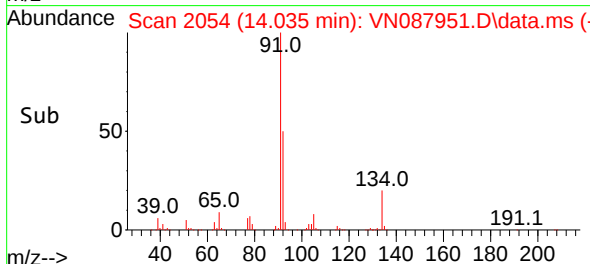
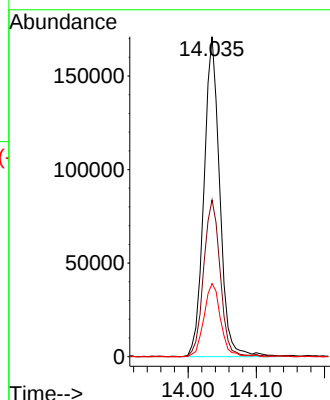
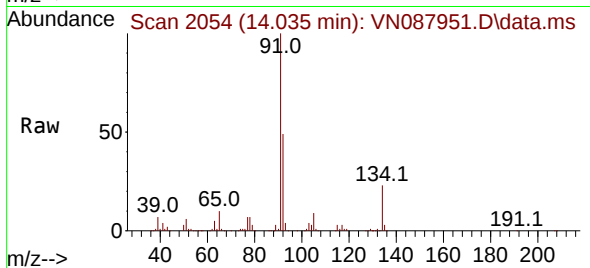
Tgt Ion: 91 Resp: 276168
 Ion Ratio Lower Upper
 91 100
 92 50.8 25.9 77.8
 134 24.0 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#90

Hexachloroethane

Concen: 20.521 ug/l

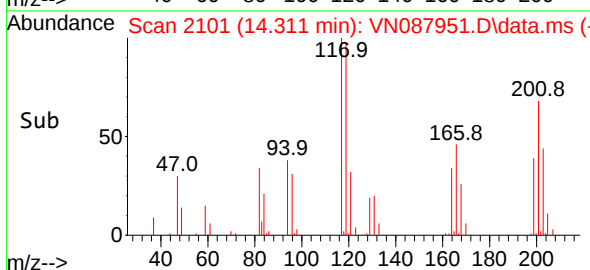
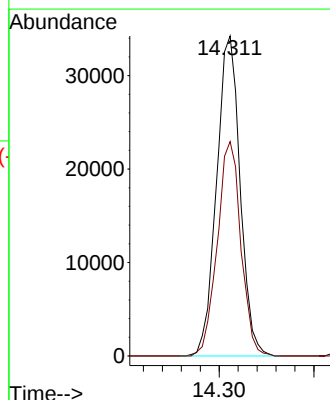
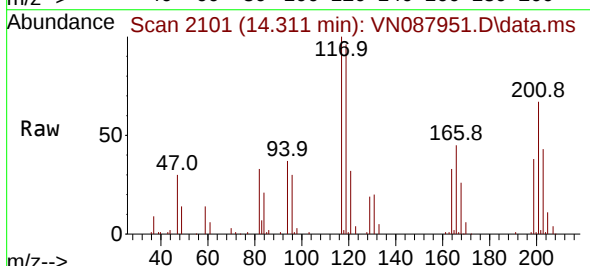
RT: 14.311 min Scan# 2101

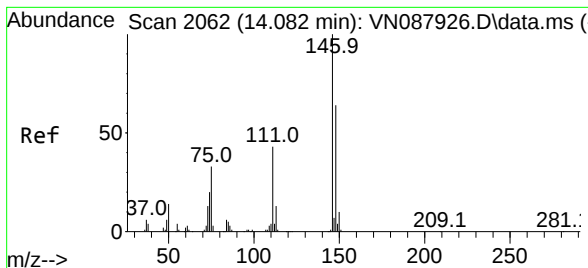
Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

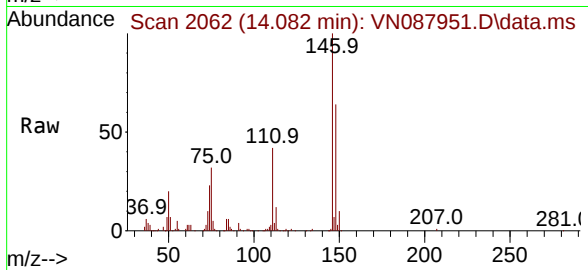
Tgt Ion:117 Resp: 59046
 Ion Ratio Lower Upper
 117 100
 201 67.1 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 19.931 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56

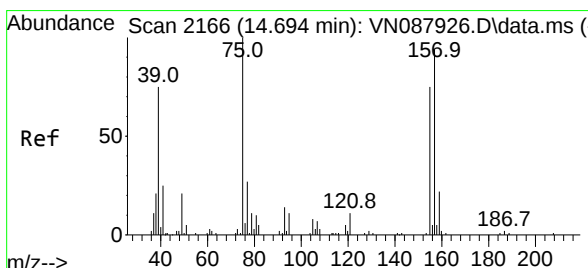
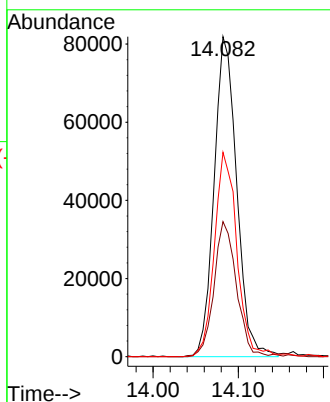
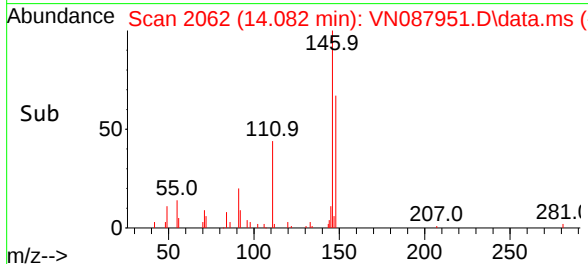
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01



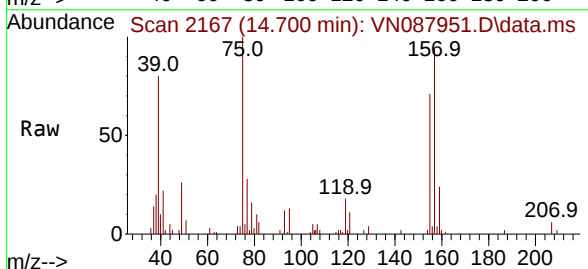
Tgt Ion:146 Resp: 151135
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.7
148 64.0 31.9 95.9

Manual Integrations
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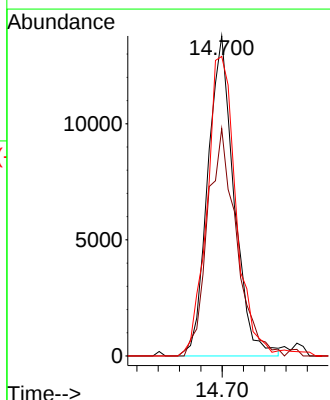
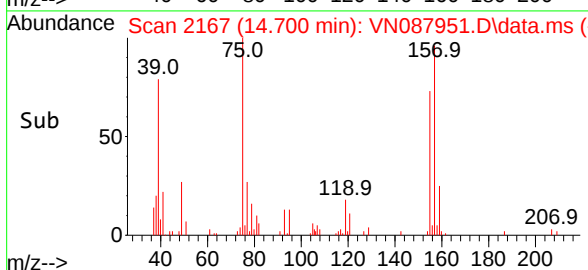
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

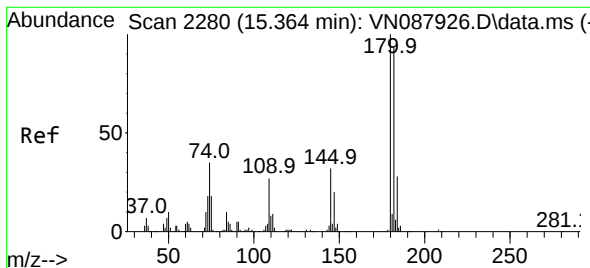


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.595 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087951.D
Acq: 25 Sep 2025 13:56



Tgt Ion: 75 Resp: 23587
Ion Ratio Lower Upper
75 100
155 78.3 40.2 120.6
157 103.5 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 20.085 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

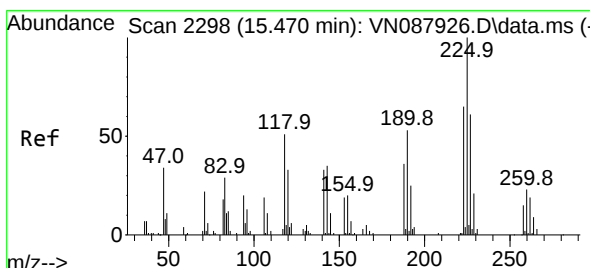
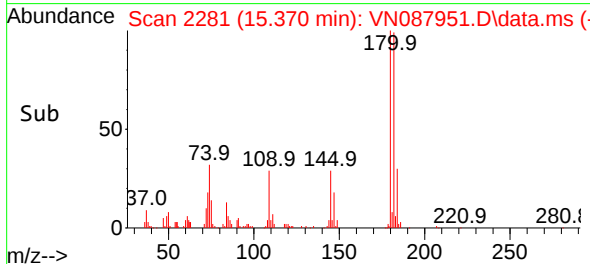
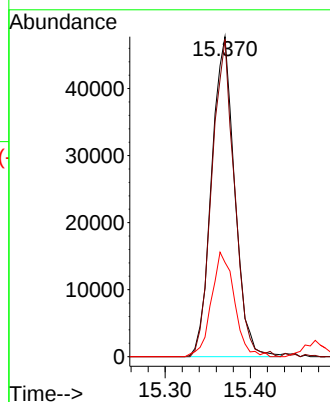
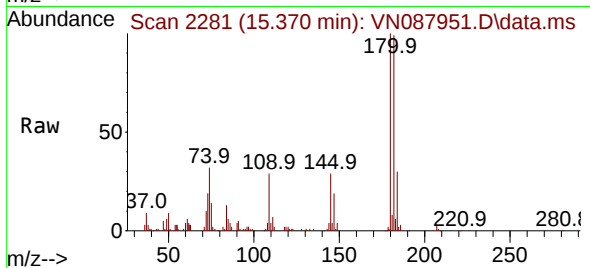
Tgt Ion:180	Resp:	8992
Ion Ratio	Lower	Upper
180	100	
182	96.5	48.5 145.5
145	32.5	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#94

Hexachlorobutadiene

Concen: 23.173 ug/l

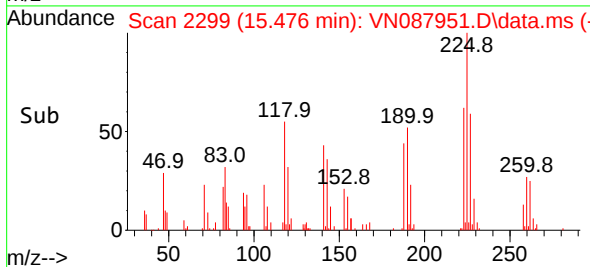
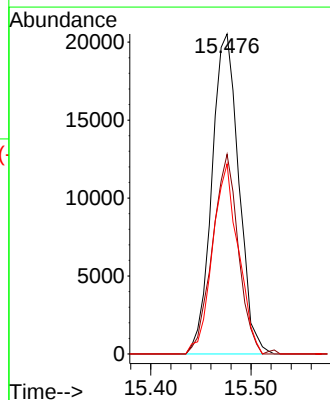
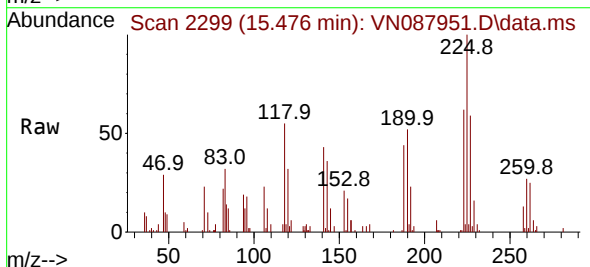
RT: 15.476 min Scan# 2299

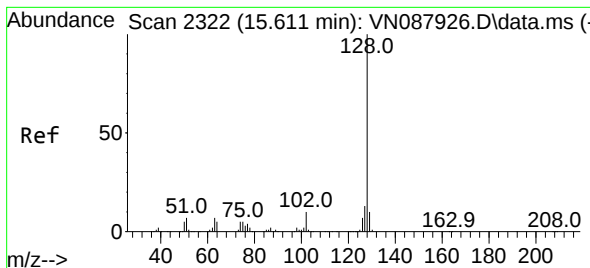
Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Tgt Ion:225	Resp:	38187
Ion Ratio	Lower	Upper
225	100	
223	59.9	31.8 95.4
227	57.2	31.9 95.9





#95

Naphthalene

Concen: 18.942 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

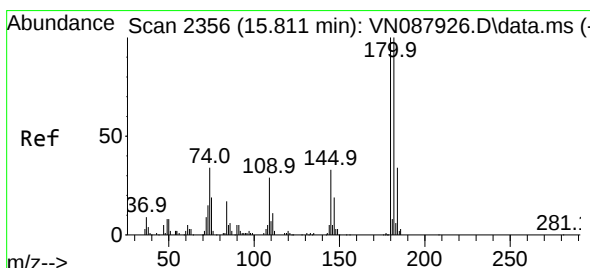
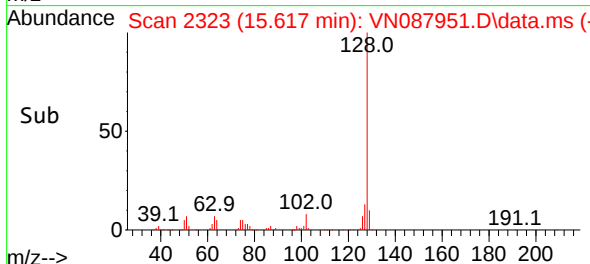
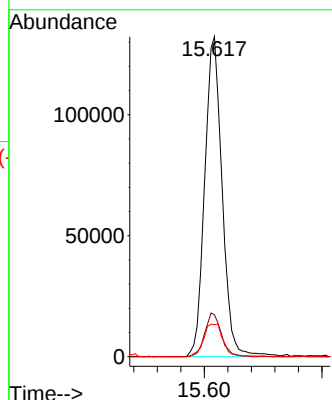
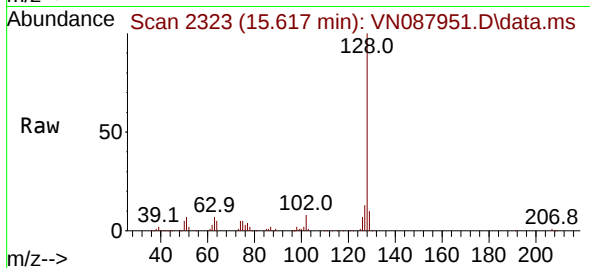
Tgt Ion:	128	Resp:	27222
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.2	8.6	13.0

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.797 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087951.D

Acq: 25 Sep 2025 13:56

Tgt Ion:	180	Resp:	86168
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.3	142.0
145	34.7	16.1	48.3

