

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087521.D
 Acq On : 12 Aug 2025 17:41
 Operator : JC\MD
 Sample : Q2816-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MS

Quant Time: Aug 13 03:08:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	257892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	515665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	470061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	243472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	219872	50.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.500%			
35) Dibromofluoromethane	8.153	113	157411	44.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.500%			
50) Toluene-d8	10.547	98	552415	43.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.080%			
62) 4-Bromofluorobenzene	12.829	95	219296	46.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	147929	54.006	ug/l	90
3) Chloromethane	2.383	50	157306	45.668	ug/l	99
4) Vinyl Chloride	2.542	62	180619	52.764	ug/l	100
5) Bromomethane	2.971	94	81746	46.115	ug/l	96
6) Chloroethane	3.136	64	115666	51.812	ug/l	97
7) Trichlorofluoromethane	3.512	101	241152	47.642	ug/l	97
8) Diethyl Ether	3.965	74	106049	54.010	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	126766	48.786	ug/l	96
10) Methyl Iodide	4.577	142	69414	28.674	ug/l	91
11) Tert butyl alcohol	5.524	59	214158	257.747	ug/l	98
12) 1,1-Dichloroethene	4.342	96	139190	47.271	ug/l	97
13) Acrolein	4.177	56	120315	180.435	ug/l	98
14) Allyl chloride	5.012	41	266551	50.021	ug/l	93
15) Acrylonitrile	5.712	53	545712	242.034	ug/l	97
16) Acetone	4.424	43	519643	253.271	ug/l	96
17) Carbon Disulfide	4.700	76	388029	44.449	ug/l #	94
18) Methyl Acetate	5.018	43	261529	50.736	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	598622	55.157	ug/l	97
20) Methylene Chloride	5.265	84	171336	49.392	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	158234	47.660	ug/l	97
22) Diisopropyl ether	6.665	45	611013	54.664	ug/l	95
23) Vinyl Acetate	6.594	43	2668301	272.946	ug/l	100
24) 1,1-Dichloroethane	6.553	63	318357	49.368	ug/l	98
25) 2-Butanone	7.477	43	802359	253.101	ug/l	98
26) 2,2-Dichloropropane	7.477	77	239599	47.789	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	311131	81.397	ug/l	98
28) Bromochloromethane	7.800	49	171725	55.641	ug/l	92
29) Tetrahydrofuran	7.830	42	530913	257.801	ug/l	99
30) Chloroform	7.953	83	335044	51.907	ug/l	98
31) Cyclohexane	8.241	56	258290	48.013	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	279380	49.974	ug/l	98
36) 1,1-Dichloropropene	8.359	75	219152	46.633	ug/l	96
37) Ethyl Acetate	7.553	43	300702	44.304	ug/l	98
38) Carbon Tetrachloride	8.347	117	228827	44.202	ug/l	98
39) Methylcyclohexane	9.582	83	239075	46.989	ug/l	94
40) Benzene	8.588	78	696992	45.888	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	175292	49.393	ug/l	96
42) 1,2-Dichloroethane	8.653	62	273737	47.524	ug/l	99
43) Isopropyl Acetate	8.677	43	508214	48.236	ug/l	98
44) Trichloroethene	9.335	130	261025	72.731	ug/l	90
45) 1,2-Dichloropropane	9.606	63	178276	46.194	ug/l	92
46) Dibromomethane	9.694	93	134756	46.636	ug/l	95
47) Bromodichloromethane	9.871	83	277810	47.731	ug/l	99
48) Methyl methacrylate	9.665	41	245961	51.855	ug/l	94
49) 1,4-Dioxane	9.682	88	69517	956.911	ug/l #	97
51) 4-Methyl-2-Pentanone	10.430	43	1581420	237.315	ug/l	98
52) Toluene	10.612	92	432409	46.838	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	283567	48.140	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	288552	47.424	ug/l #	88
55) 1,1,2-Trichloroethane	11.000	97	171109	45.780	ug/l	97
56) Ethyl methacrylate	10.859	69	299086	47.700	ug/l #	93
57) 1,3-Dichloropropane	11.141	76	306258	47.392	ug/l	100
59) 2-Hexanone	11.177	43	1083026	244.964	ug/l	98
60) Dibromochloromethane	11.341	129	196818	46.174	ug/l	99
61) 1,2-Dibromoethane	11.453	107	185271	47.144	ug/l	97
64) Tetrachloroethene	11.088	164	300174	99.220	ug/l	95
65) Chlorobenzene	11.871	112	466009	44.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	165254	46.051	ug/l	99
67) Ethyl Benzene	11.947	91	831992	47.889	ug/l	100
68) m/p-Xylenes	12.053	106	621545	95.540	ug/l	94
69) o-Xylene	12.376	106	309926	49.873	ug/l	95
70) Styrene	12.394	104	538906	51.551	ug/l	98
71) Bromoform	12.559	173	128872	44.453	ug/l #	98
73) Isopropylbenzene	12.676	105	771901	50.373	ug/l	98
74) N-amyl acetate	12.512	43	288374m	45.295	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	274813	47.661	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	273199m	50.040	ug/l	
77) Bromobenzene	12.959	156	184531	46.433	ug/l	95
78) n-propylbenzene	13.018	91	954687	49.518	ug/l	99
79) 2-Chlorotoluene	13.106	91	589561	49.757	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	668040	51.167	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	81781	40.985	ug/l	92
82) 4-Chlorotoluene	13.200	91	616286	49.957	ug/l	97
83) tert-Butylbenzene	13.418	119	555680	50.959	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	689515	51.715	ug/l	96
85) sec-Butylbenzene	13.594	105	811282	49.393	ug/l	99
86) p-Isopropyltoluene	13.706	119	679809	51.645	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	358227	45.929	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	364849	43.798	ug/l	96
89) n-Butylbenzene	14.035	91	658845	52.418	ug/l	99
90) Hexachloroethane	14.312	117	128564	46.098	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	346446	46.887	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	66573	43.976	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	201492	46.423	ug/l	98
94) Hexachlorobutadiene	15.476	225	70670	43.819	ug/l	97
95) Naphthalene	15.612	128	761537	49.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	194607	44.698	ug/l	98

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

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

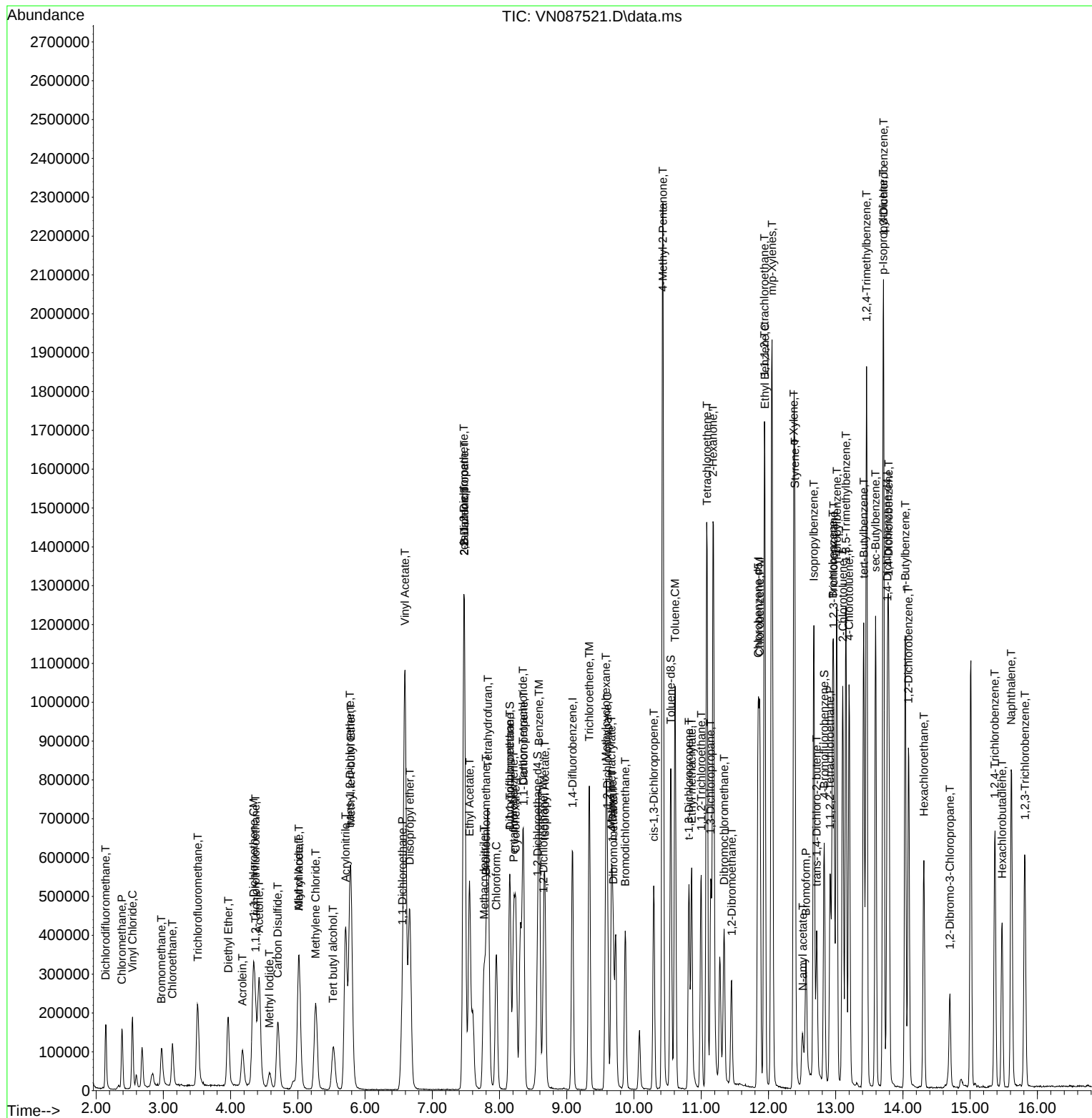
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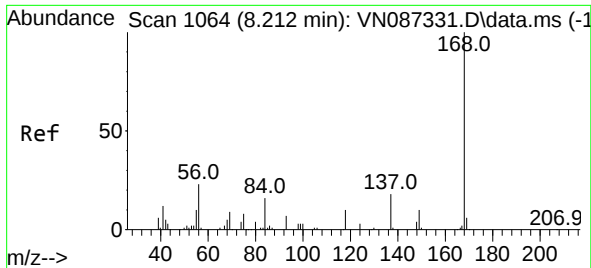
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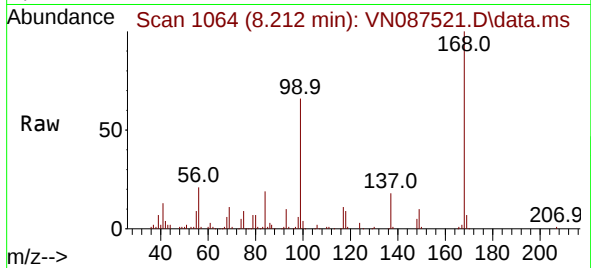
Reviewed By : John Carlone 08/13/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087521.D
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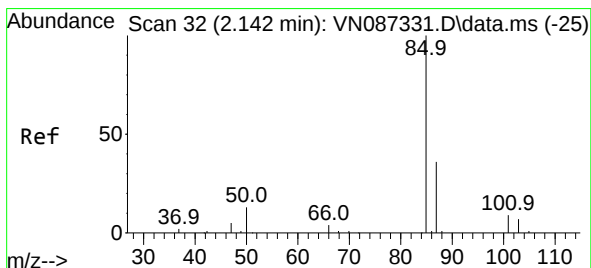
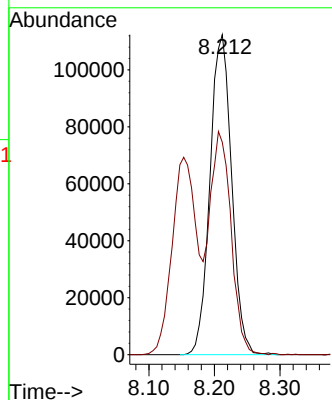
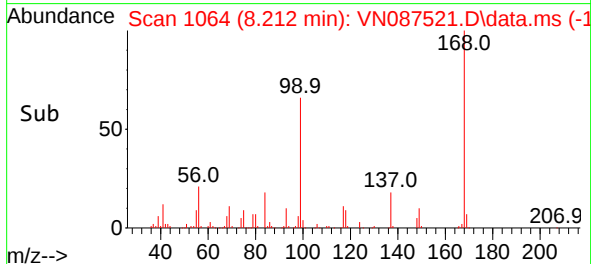
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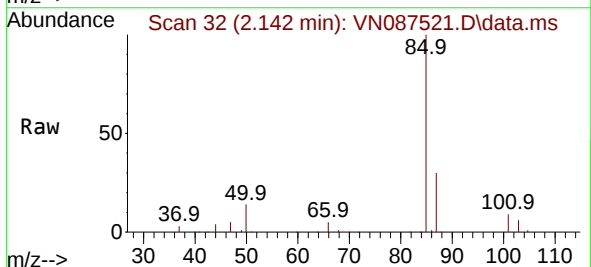
Tgt Ion:168 Resp: 257892
Ion Ratio Lower Upper
168 100
99 66.4 47.9 71.9

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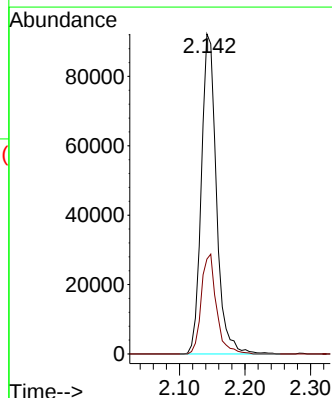
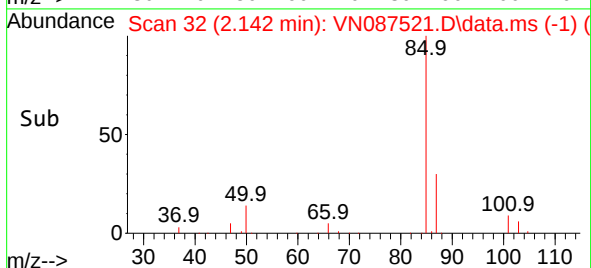
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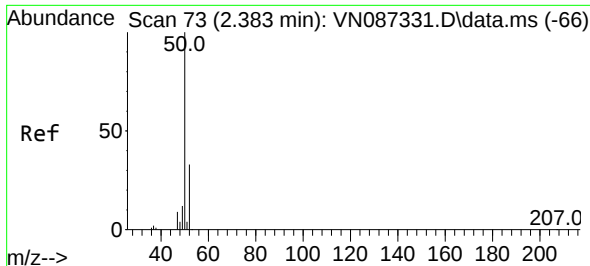


#2
Dichlorodifluoromethane
Concen: 54.006 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



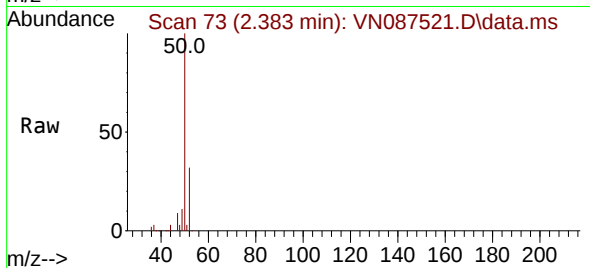
Tgt Ion: 85 Resp: 147929
Ion Ratio Lower Upper
85 100
87 29.7 17.8 53.3





#3
Chloromethane
Concen: 45.668 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

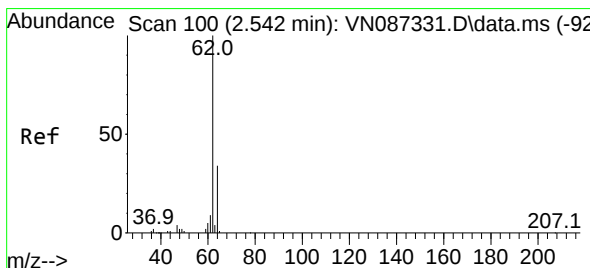
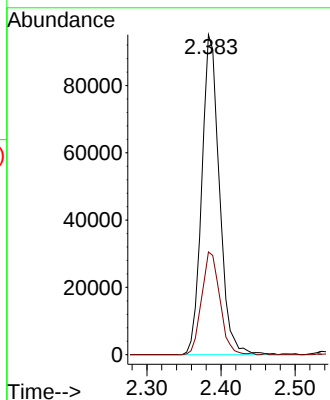
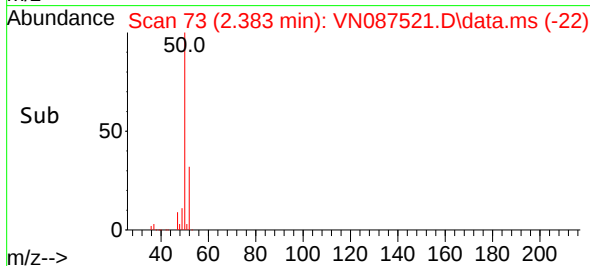
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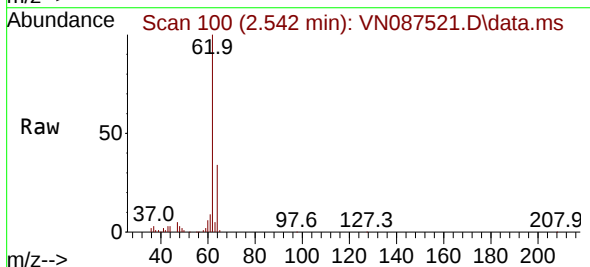
Tgt Ion: 50 Resp: 157300
Ion Ratio Lower Upper
50 100
52 32.1 26.3 39.5

Manual Integrations
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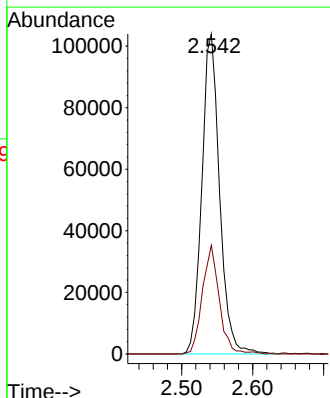
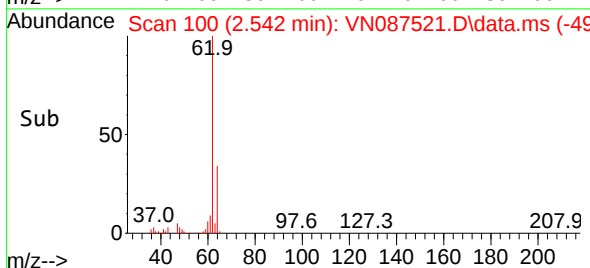
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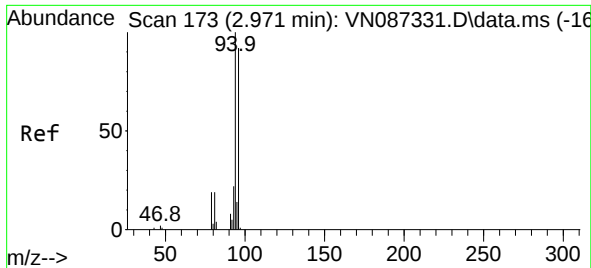


#4
Vinyl Chloride
Concen: 52.764 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



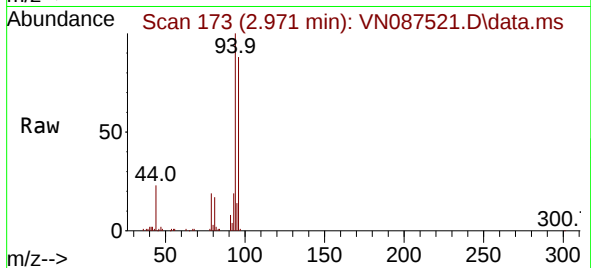
Tgt Ion: 62 Resp: 180619
Ion Ratio Lower Upper
62 100
64 33.9 27.0 40.6





#5
Bromomethane
Concen: 46.115 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

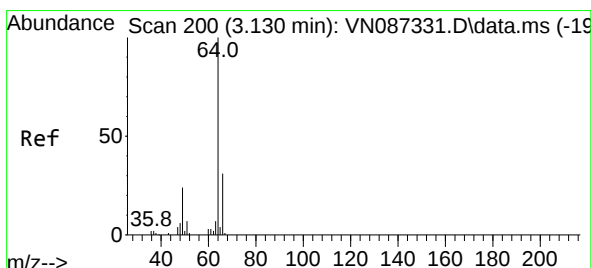
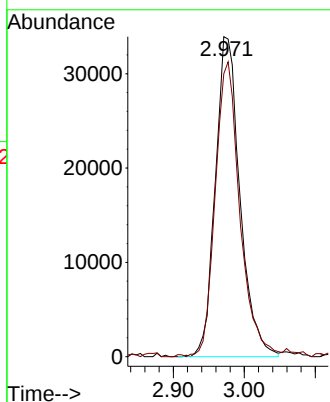
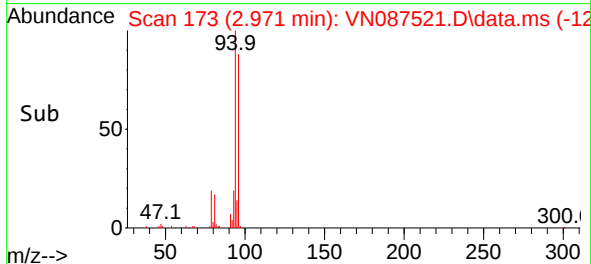
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Tgt Ion: 94 Resp: 81740
Ion Ratio Lower Upper
94 100
96 87.8 73.4 110.2

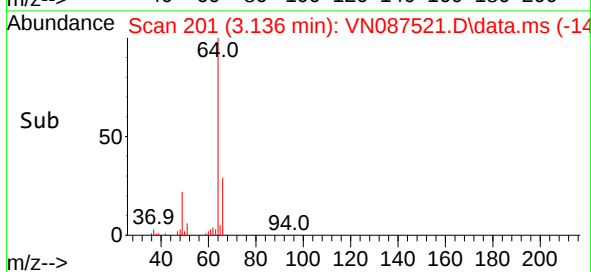
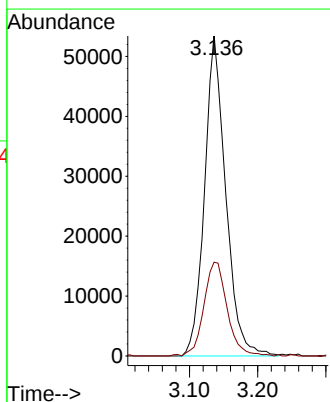
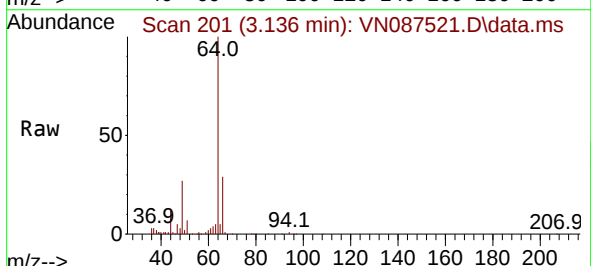
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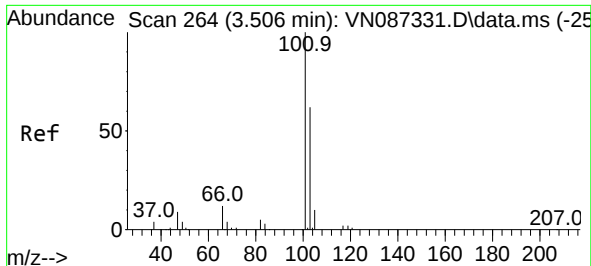
Reviewed By :John Carlone 08/13/2025
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#6
Chloroethane
Concen: 51.812 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

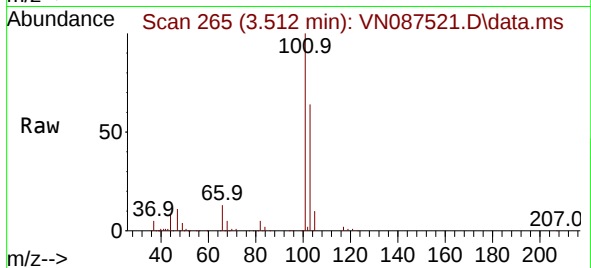
Tgt Ion: 64 Resp: 115666
Ion Ratio Lower Upper
64 100
66 28.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 47.642 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41

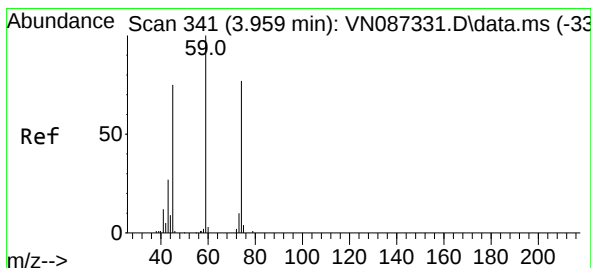
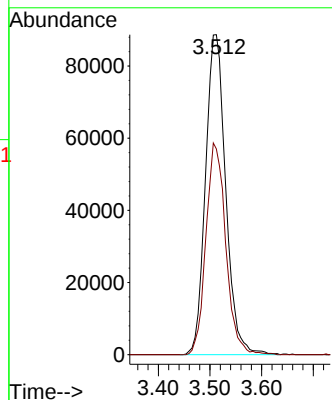
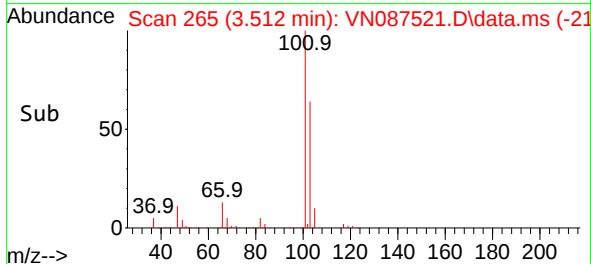
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Tgt Ion:101 Resp: 241152
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.8 74.6

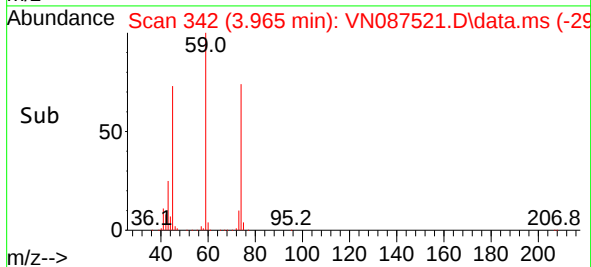
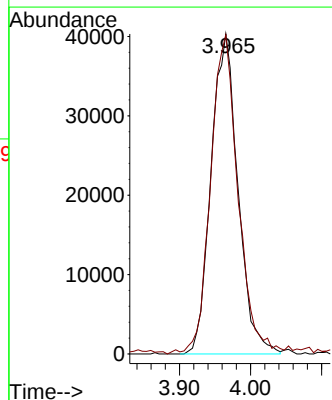
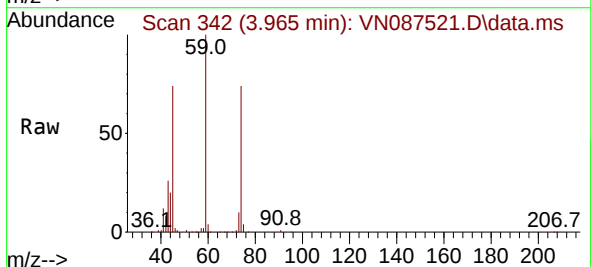
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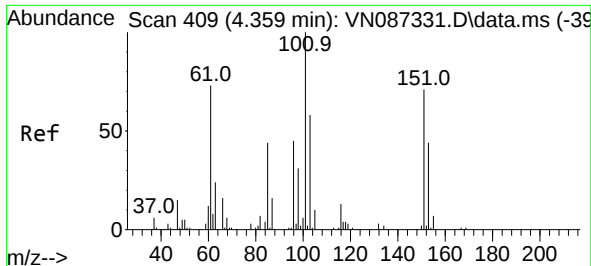
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#8
 Diethyl Ether
 Concen: 54.010 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41

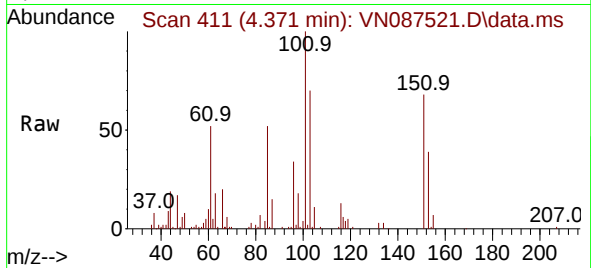
Tgt Ion: 74 Resp: 106049
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.786 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

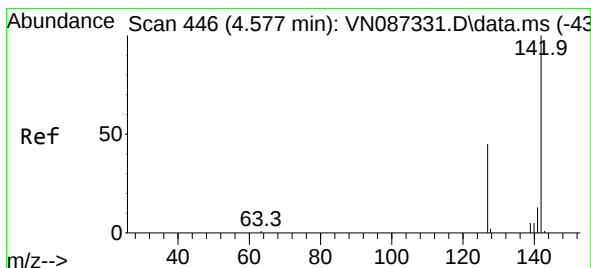
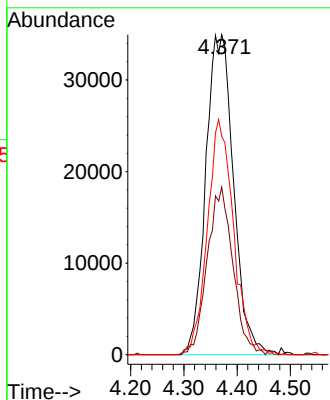
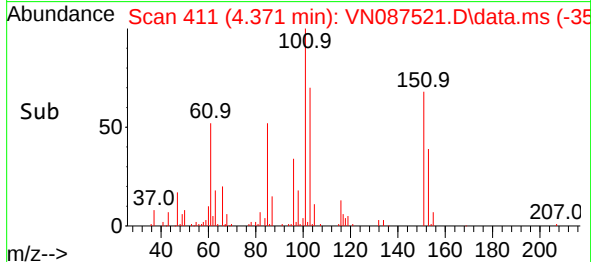
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion:101 Resp: 126760
Ion Ratio Lower Upper
101 100
85 48.2 37.3 55.9
151 68.9 58.9 88.3

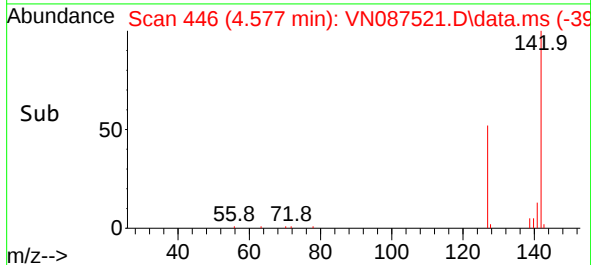
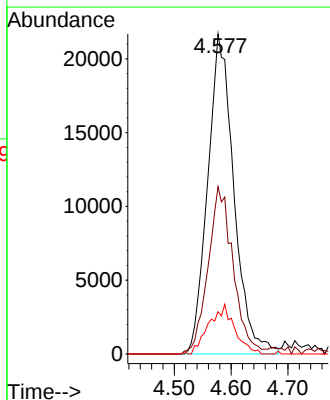
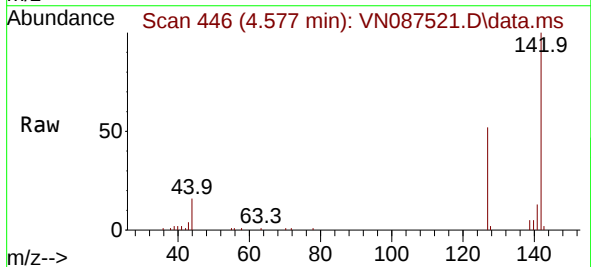
Manual Integrations
APPROVED

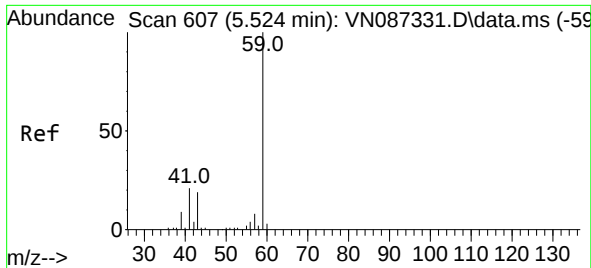
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#10
Methyl Iodide
Concen: 28.674 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

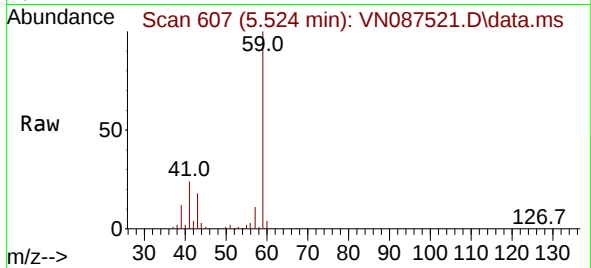
Tgt Ion:142 Resp: 69414
Ion Ratio Lower Upper
142 100
127 52.2 35.7 53.5
141 13.2 10.4 15.6





#11
Tert butyl alcohol
Concen: 257.747 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

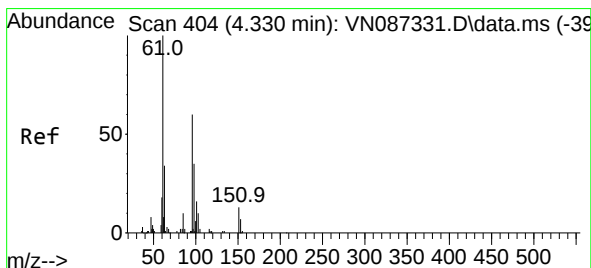
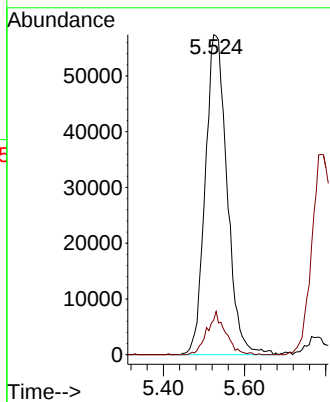
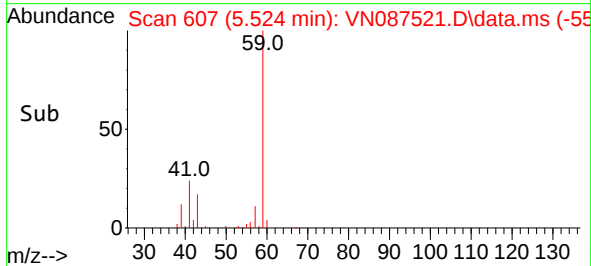
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



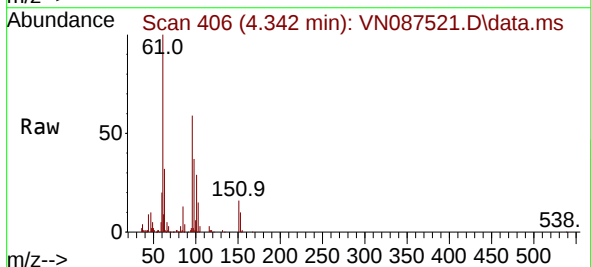
Tgt Ion: 59 Resp: 214158
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

Manual Integrations
APPROVED

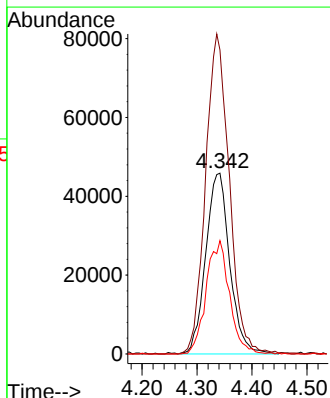
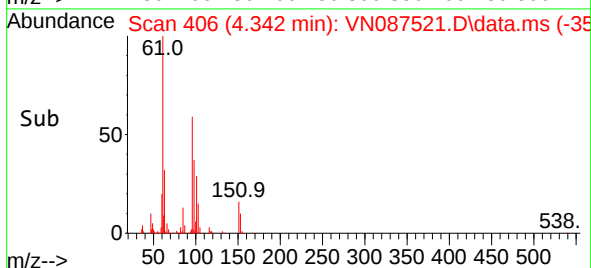
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

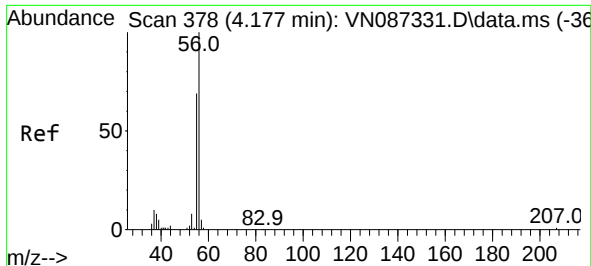


#12
1,1-Dichloroethene
Concen: 47.271 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



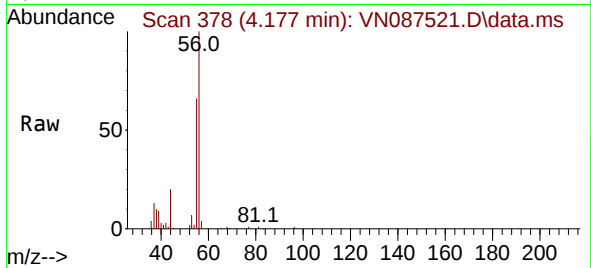
Tgt Ion: 96 Resp: 139190
Ion Ratio Lower Upper
96 100
61 168.1 132.3 198.5
98 62.7 46.8 70.2





#13
Acrolein
Concen: 180.435 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

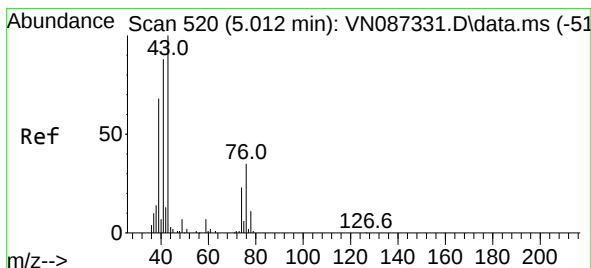
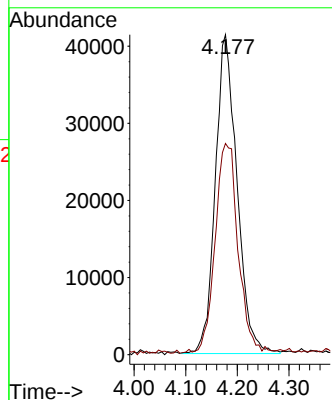
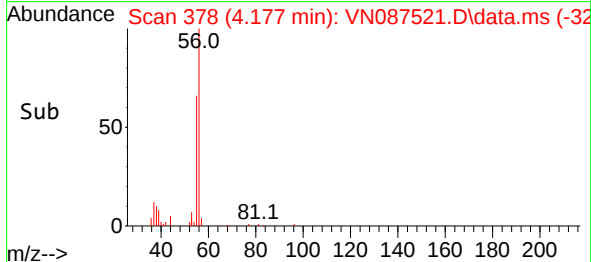
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 56 Resp: 120315
Ion Ratio Lower Upper
56 100
55 68.6 56.2 84.4

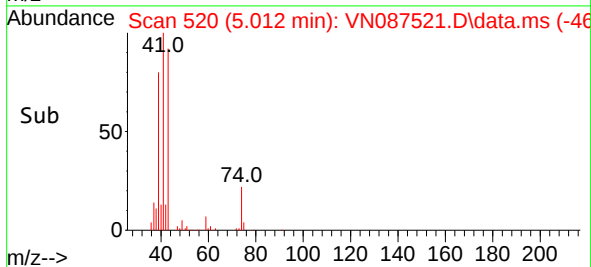
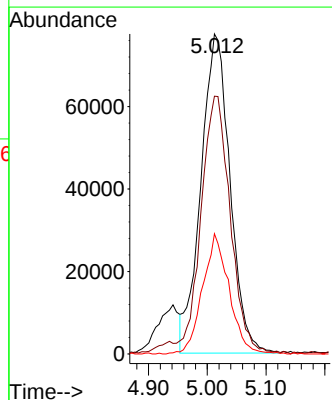
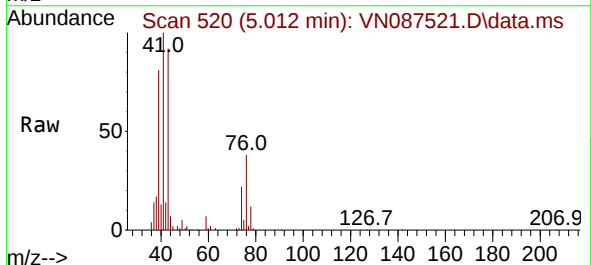
Manual Integrations
APPROVED

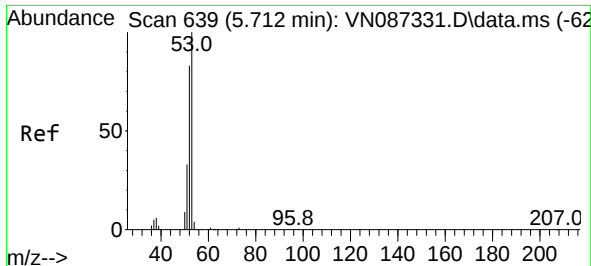
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#14
Allyl chloride
Concen: 50.021 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

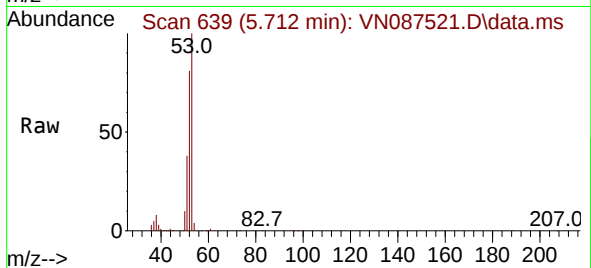
Tgt Ion: 41 Resp: 266551
Ion Ratio Lower Upper
41 100
39 81.2 59.0 88.6
76 34.4 28.7 43.1





#15
Acrylonitrile
Concen: 242.034 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

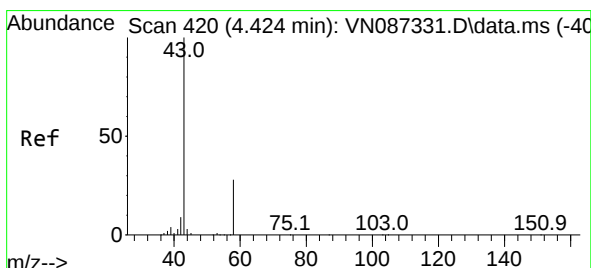
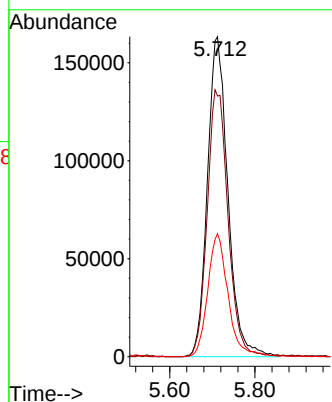
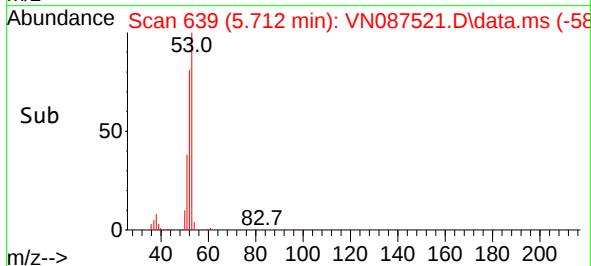
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 53 Resp: 545712
Ion Ratio Lower Upper
53 100
52 84.7 65.5 98.3
51 38.2 28.7 43.1

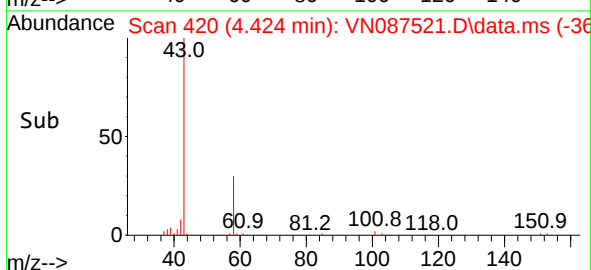
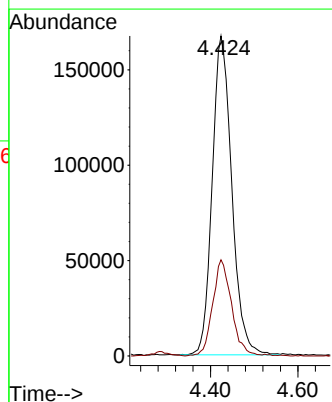
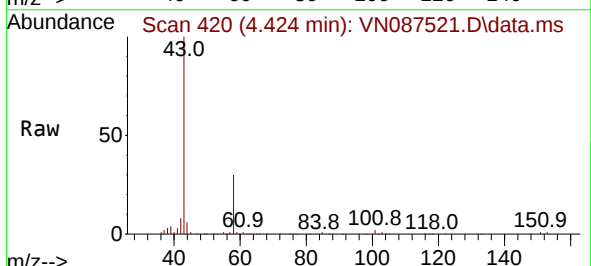
Manual Integrations
APPROVED

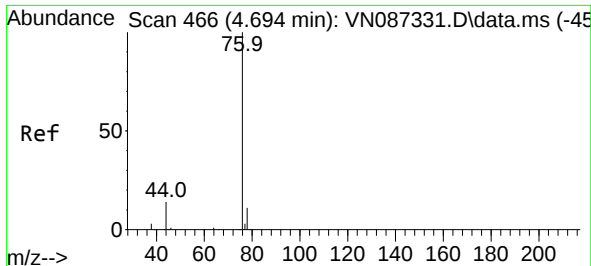
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#16
Acetone
Concen: 253.271 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

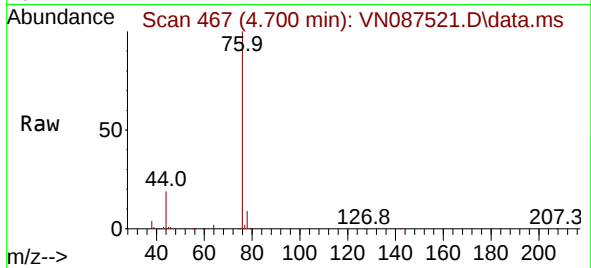
Tgt Ion: 43 Resp: 519643
Ion Ratio Lower Upper
43 100
58 29.9 22.3 33.5





#17
Carbon Disulfide
Concen: 44.449 ug/l
RT: 4.700 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

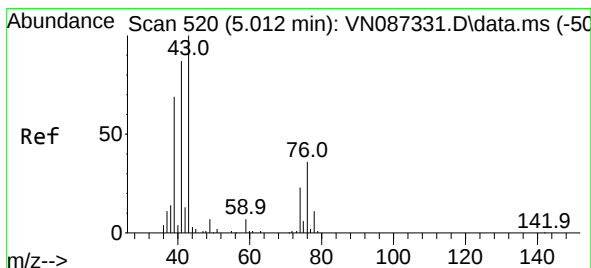
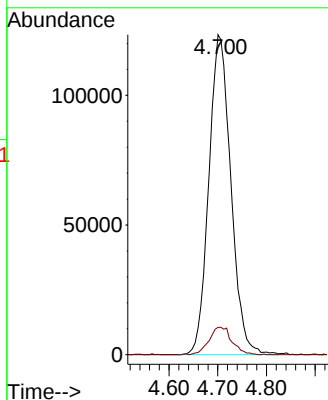
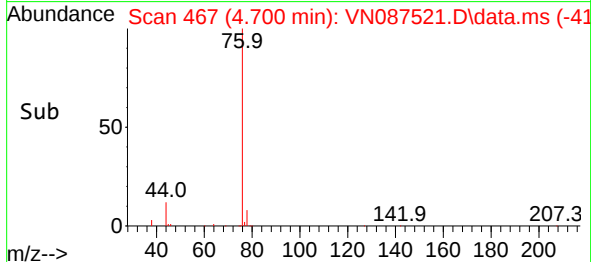
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 76 Resp: 388029
Ion Ratio Lower Upper
76 100
78 8.5 8.6 13.0

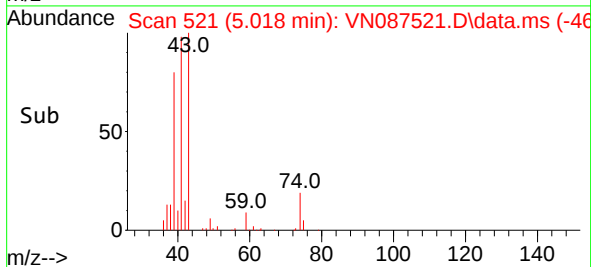
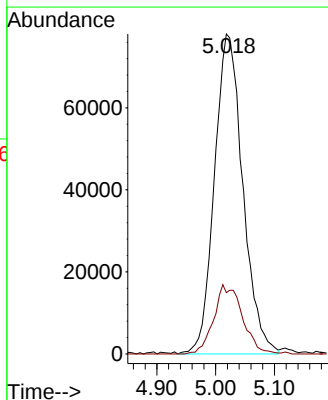
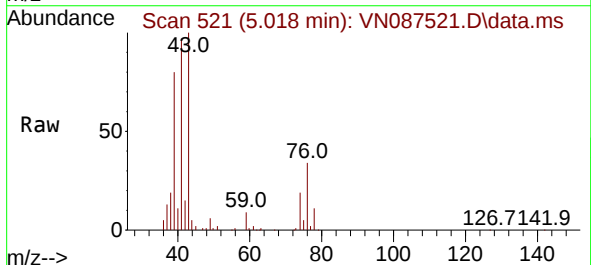
Manual Integrations
APPROVED

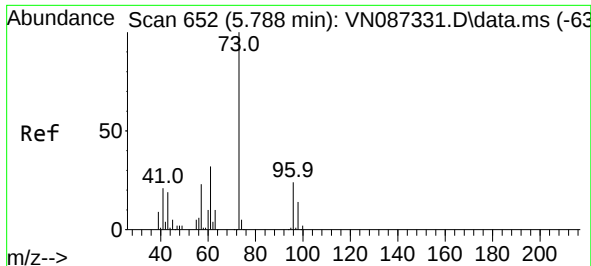
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#18
Methyl Acetate
Concen: 50.736 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

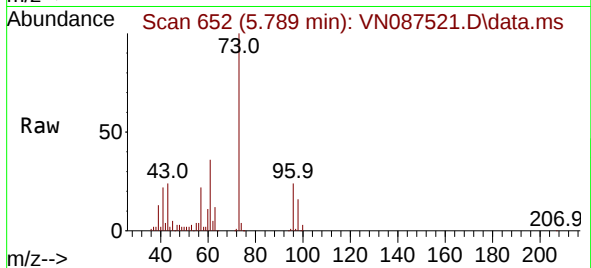
Tgt Ion: 43 Resp: 261529
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 55.157 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

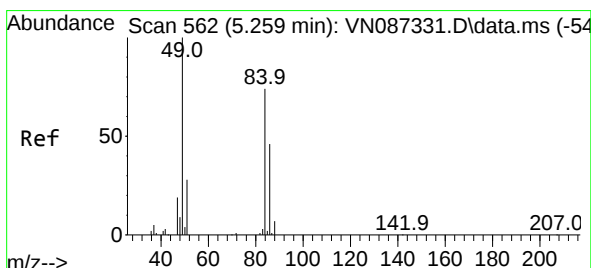
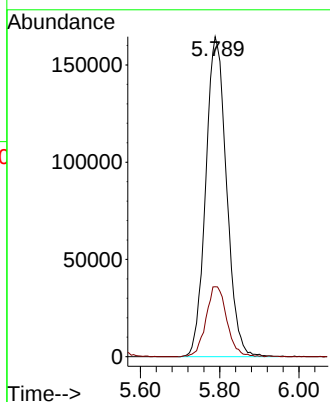
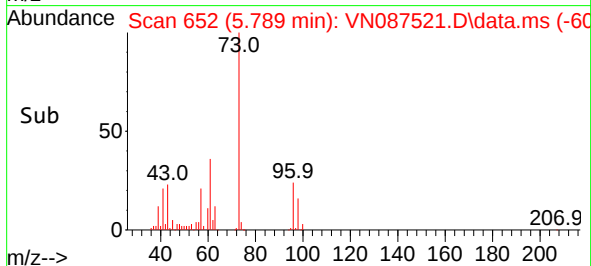
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 73 Resp: 59862
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8

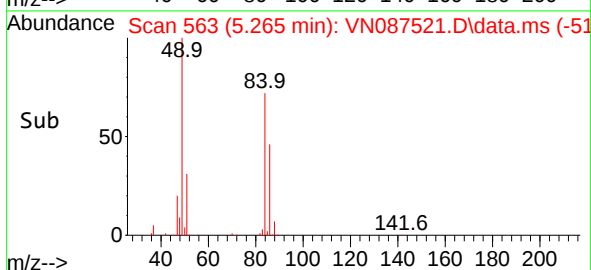
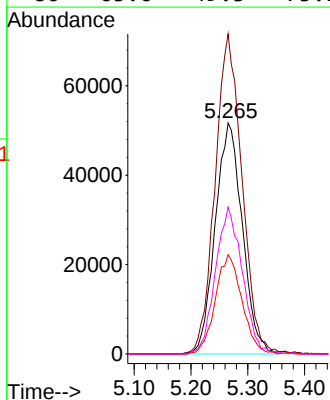
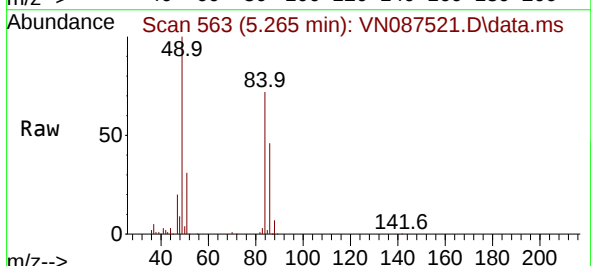
Manual Integrations
APPROVED

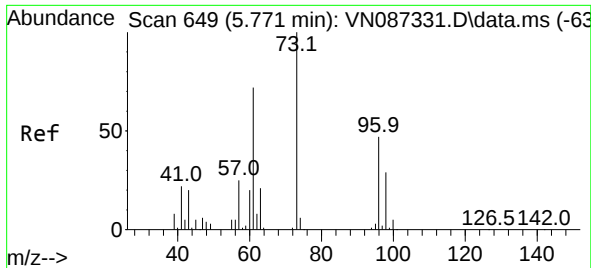
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#20
Methylene Chloride
Concen: 49.392 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 84 Resp: 171336
Ion Ratio Lower Upper
84 100
49 138.5 107.5 161.3
51 42.9 30.2 45.2
86 63.6 49.3 73.9





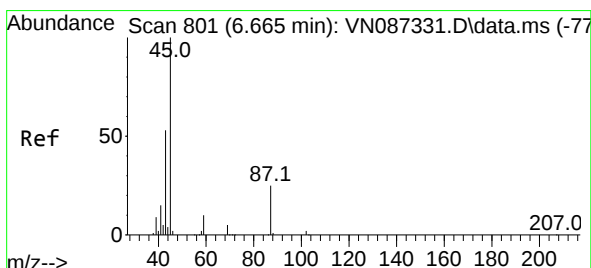
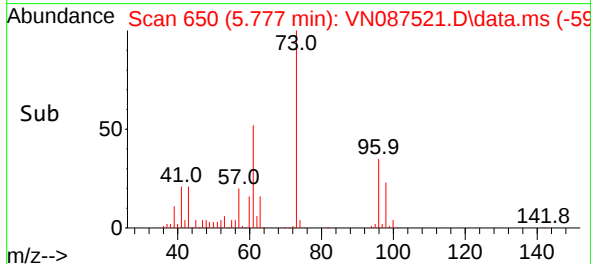
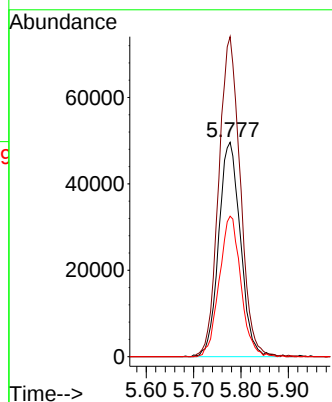
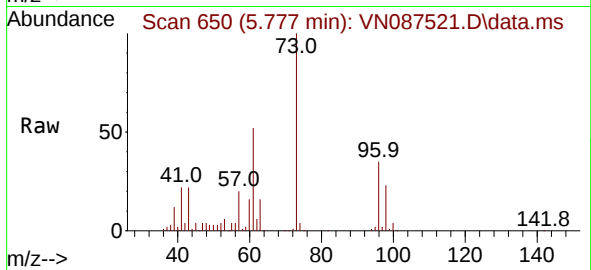
#21
trans-1,2-Dichloroethene
Concen: 47.660 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Tgt Ion: 96 Resp: 158234
Ion Ratio Lower Upper
96 100
61 149.2 122.0 183.0
98 65.5 50.0 75.0

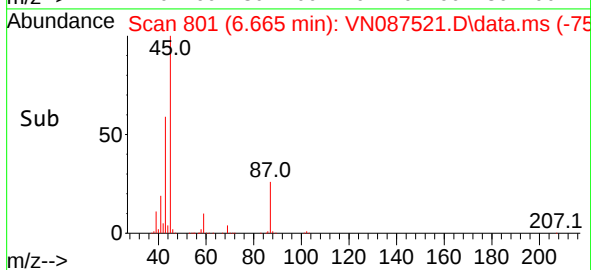
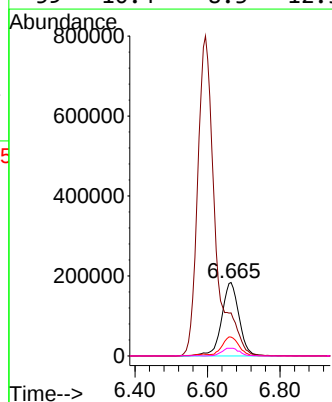
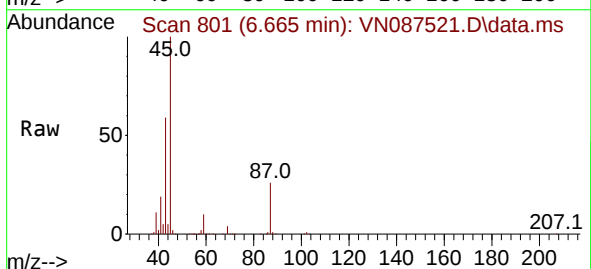
Manual Integrations
APPROVED

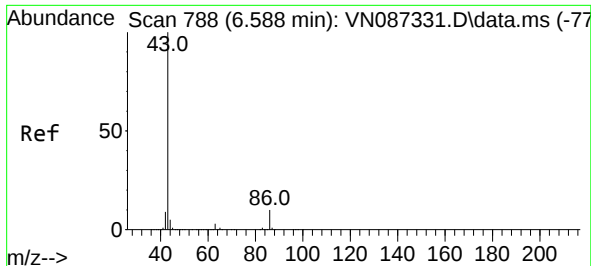
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#22
Diisopropyl ether
Concen: 54.664 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

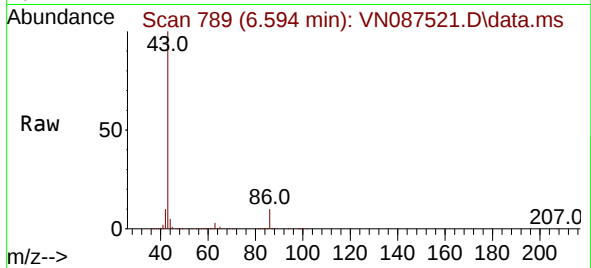
Tgt Ion: 45 Resp: 611013
Ion Ratio Lower Upper
45 100
43 58.3 42.8 64.2
87 25.7 19.8 29.6
59 10.4 8.3 12.5





#23
 Vinyl Acetate
 Concen: 272.946 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41

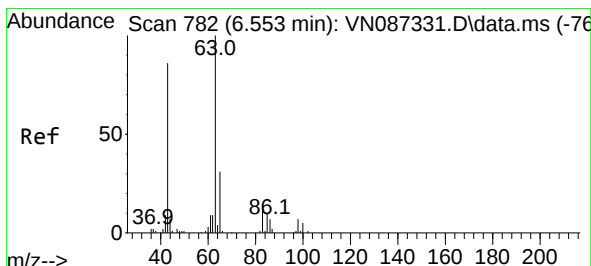
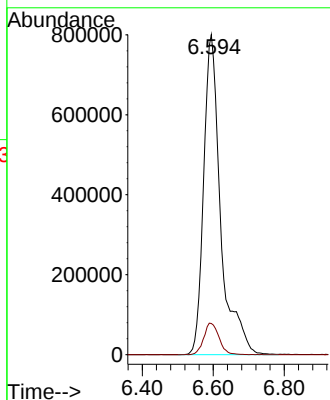
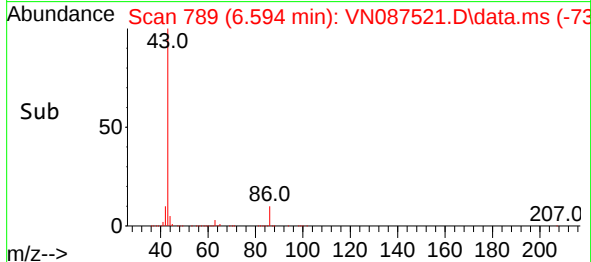
Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MS



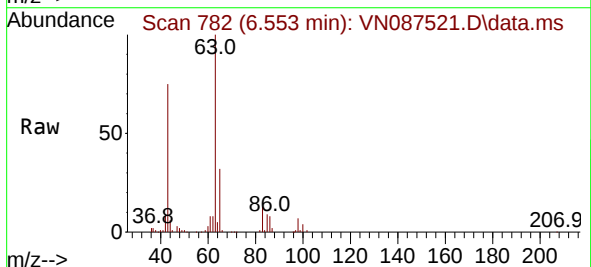
Tgt Ion: 43 Resp: 266830
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5

Manual Integrations
 APPROVED

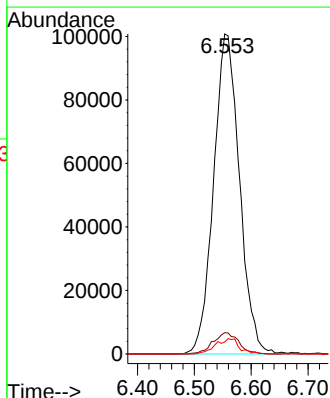
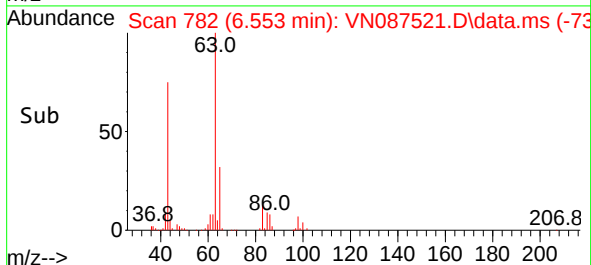
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

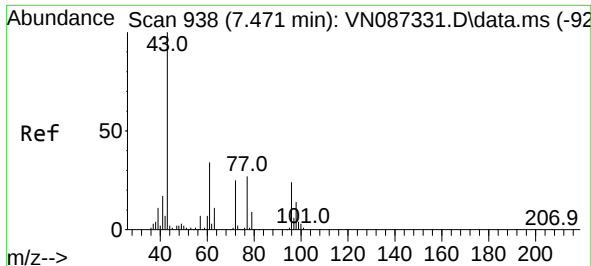


#24
 1,1-Dichloroethane
 Concen: 49.368 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41



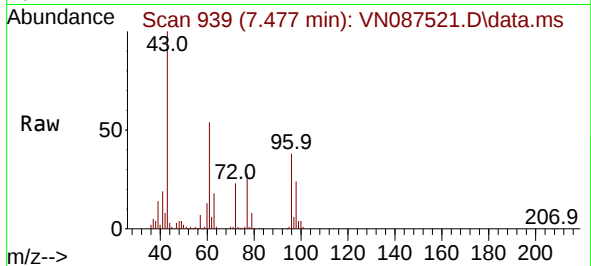
Tgt Ion: 63 Resp: 318357
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 253.101 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

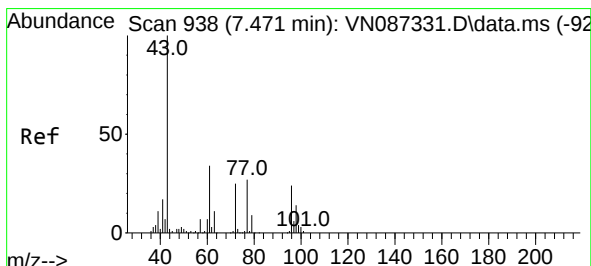
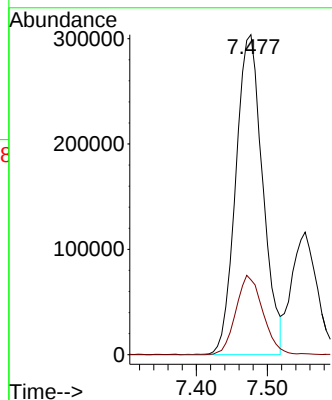
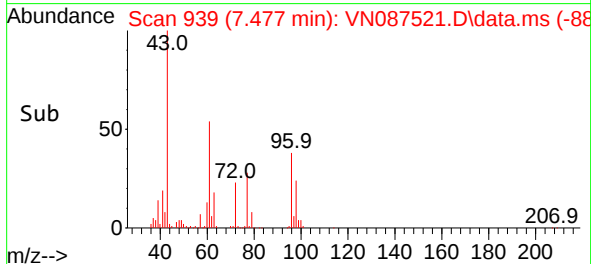
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 43 Resp: 802359
Ion Ratio Lower Upper
43 100
72 23.4 19.6 29.4

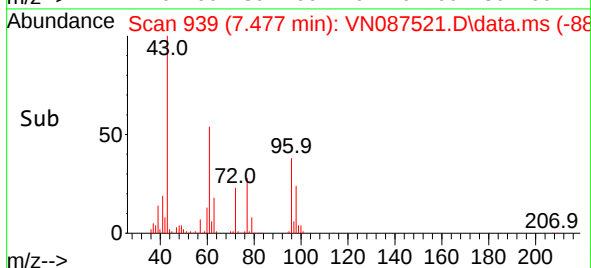
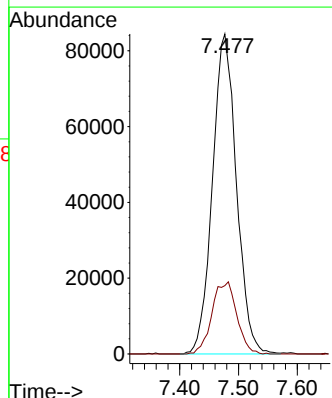
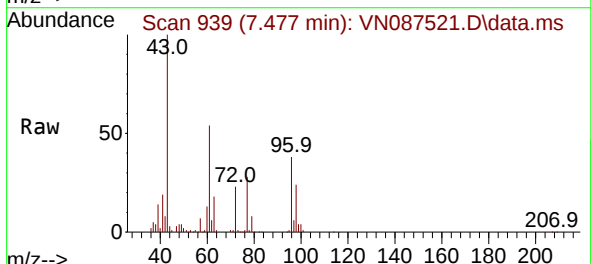
Manual Integrations
APPROVED

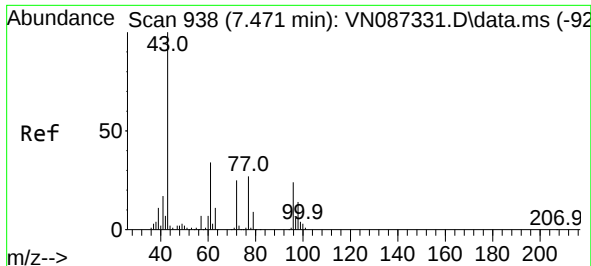
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#26
2,2-Dichloropropane
Concen: 47.789 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

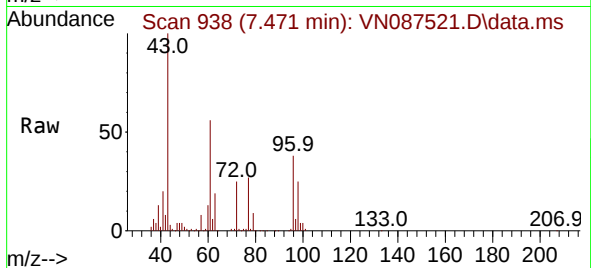
Tgt Ion: 77 Resp: 239599
Ion Ratio Lower Upper
77 100
97 23.3 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 81.397 ug/l
 RT: 7.471 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41

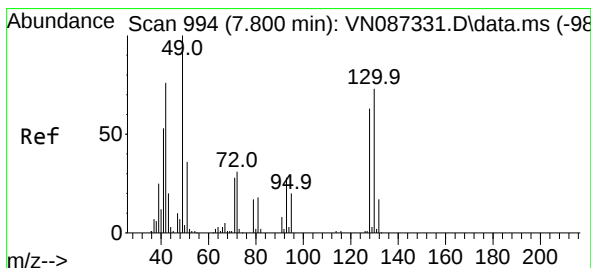
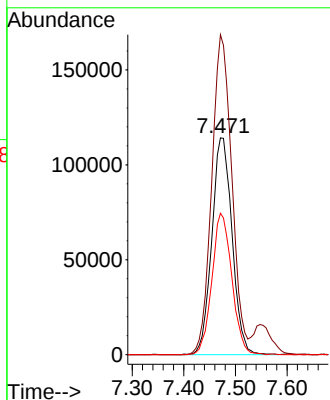
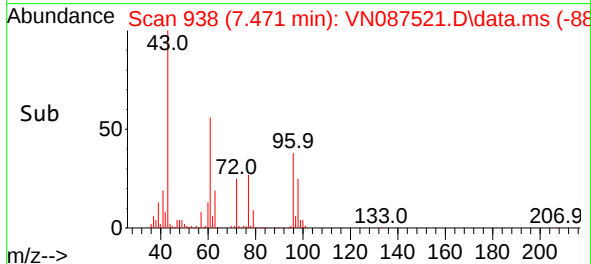
Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MS



Tgt Ion: 96 Resp: 31113
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 297.8
 98 64.0 0.0 132.4

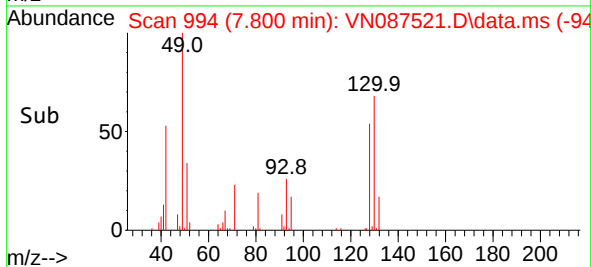
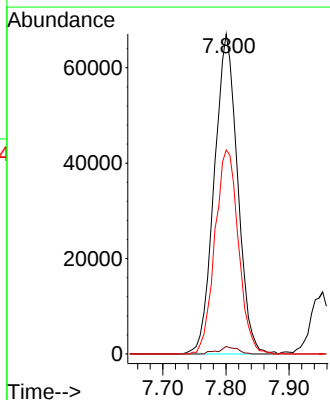
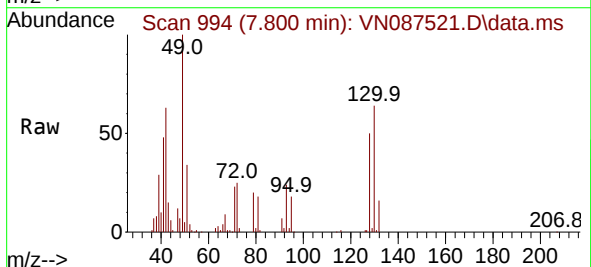
Manual Integrations
 APPROVED

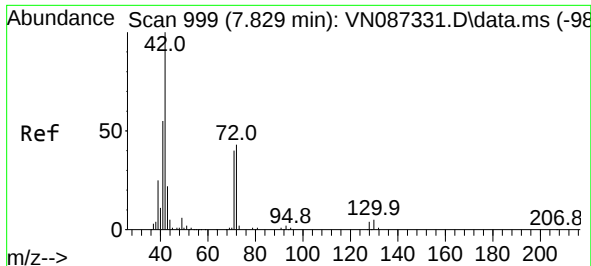
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#28
 Bromochloromethane
 Concen: 55.641 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41

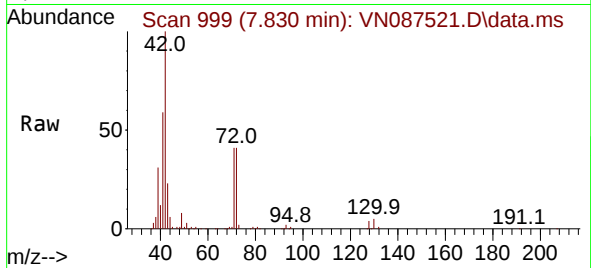
Tgt Ion: 49 Resp: 171725
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 64.5 57.3 85.9





#29
Tetrahydrofuran
Concen: 257.801 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

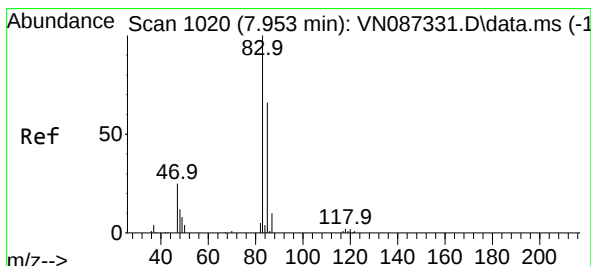
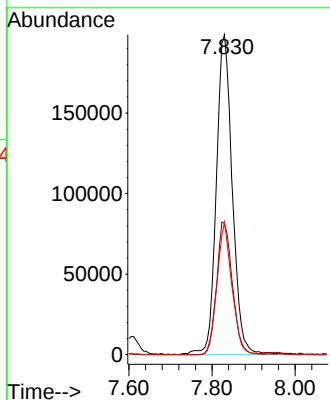
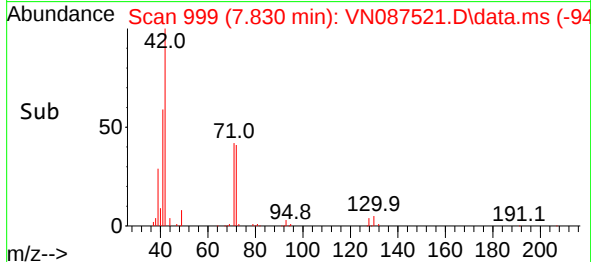
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 42 Resp: 53091
Ion Ratio Lower Upper
42 100
72 41.0 33.4 50.0
71 38.2 31.2 46.8

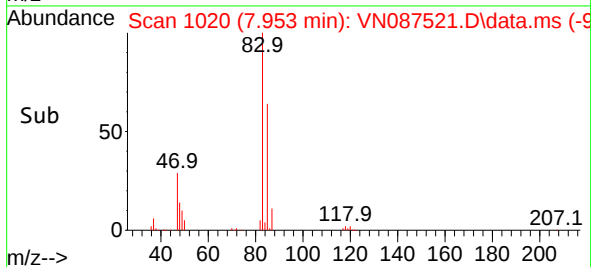
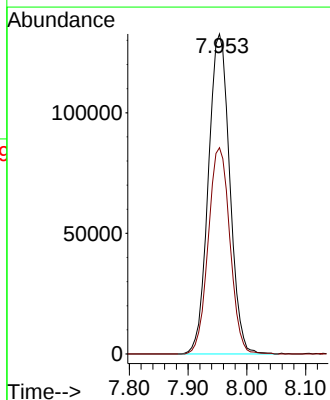
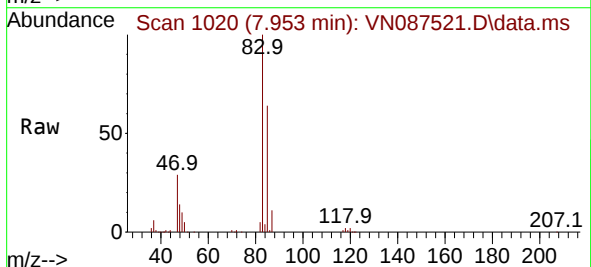
Manual Integrations
APPROVED

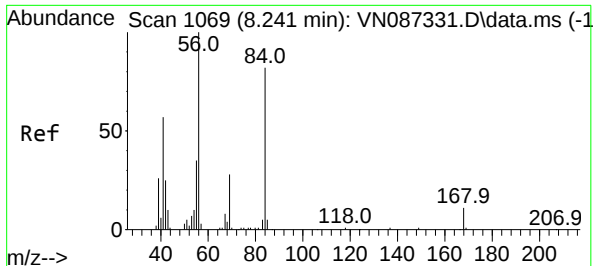
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#30
Chloroform
Concen: 51.907 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

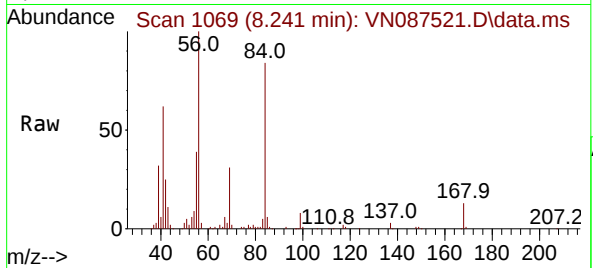
Tgt Ion: 83 Resp: 335044
Ion Ratio Lower Upper
83 100
85 64.5 52.7 79.1





#31
Cyclohexane
Concen: 48.013 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

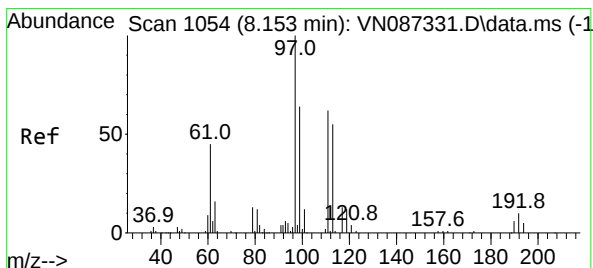
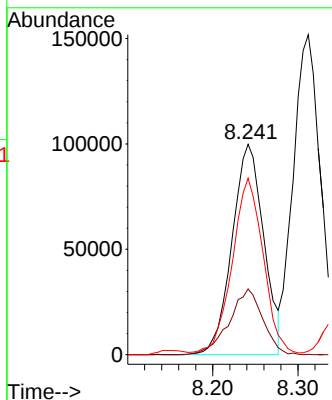
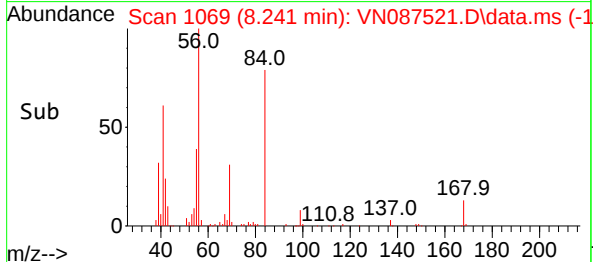
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



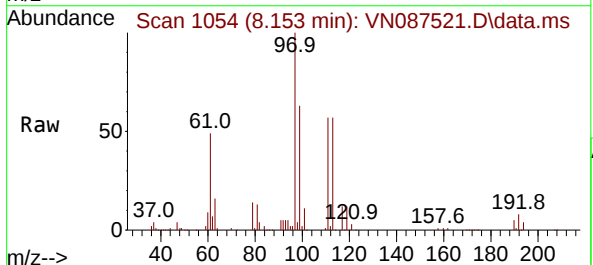
Tgt Ion: 56 Resp: 258290
Ion Ratio Lower Upper
56 100
69 30.7 22.7 34.1
84 82.0 65.8 98.6

Manual Integrations
APPROVED

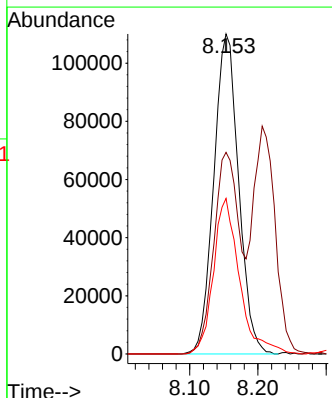
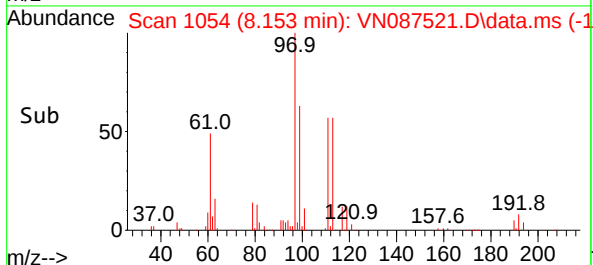
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

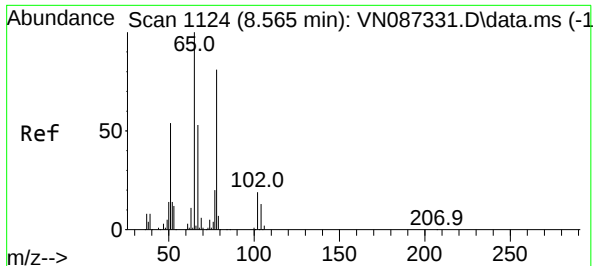


#32
1,1,1-Trichloroethane
Concen: 49.974 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



Tgt Ion: 97 Resp: 279380
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.8
61 51.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 50.246 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MS

Tgt Ion: 65 Resp: 219872

Ion Ratio Lower Upper

65 100

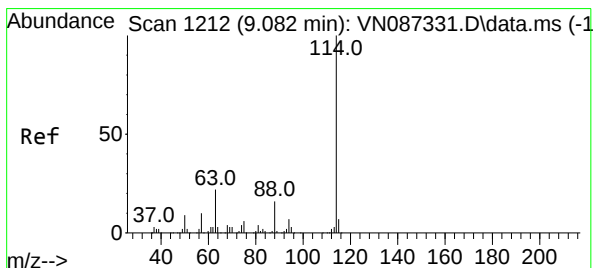
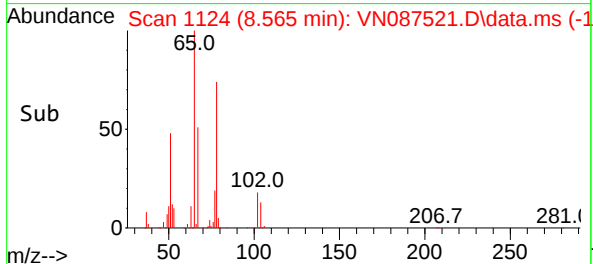
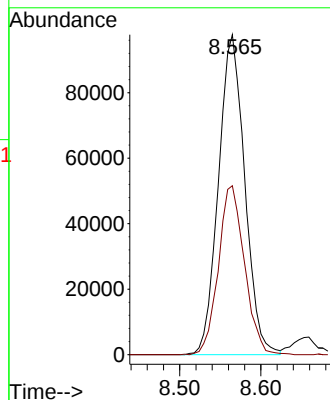
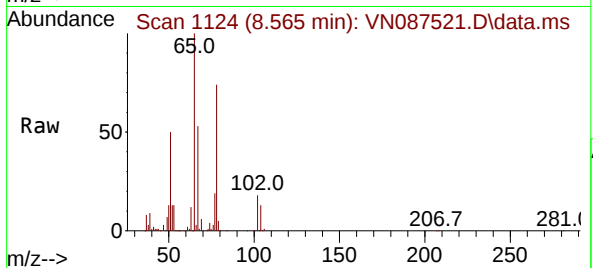
67 52.4 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

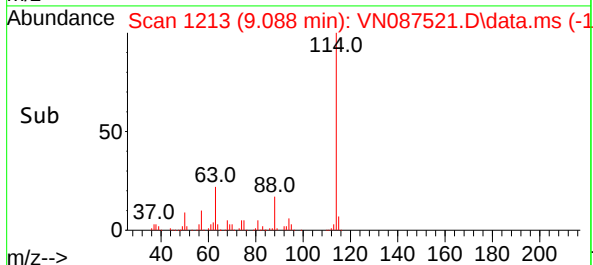
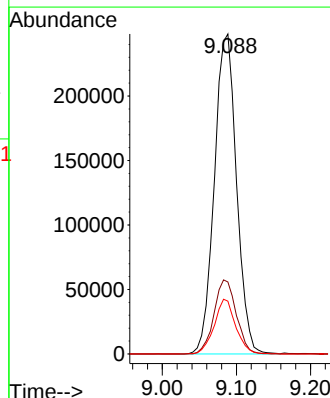
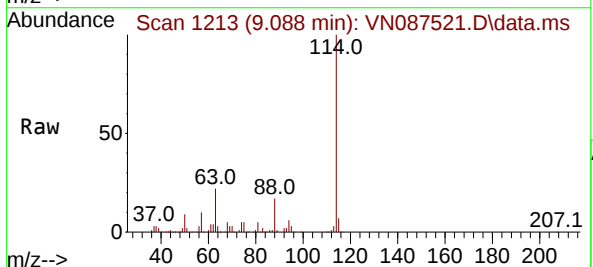
Tgt Ion:114 Resp: 515665

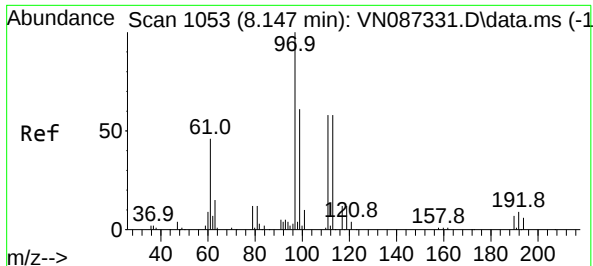
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

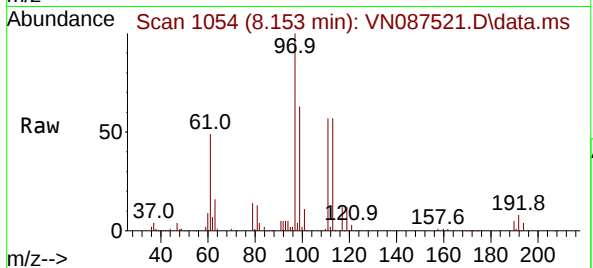
88 16.5 0.0 32.8





#35
Dibromofluoromethane
Concen: 44.253 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

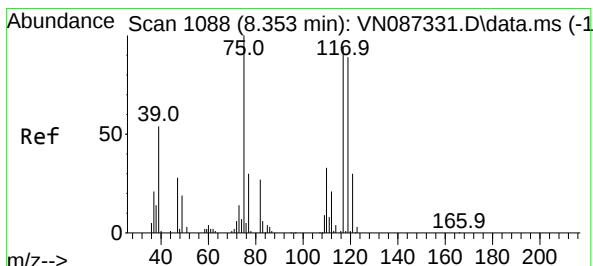
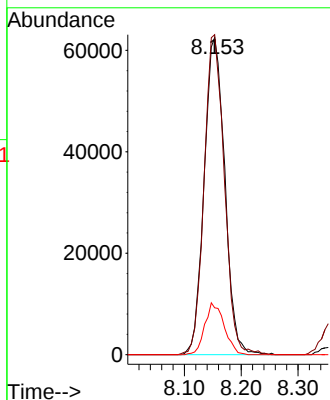
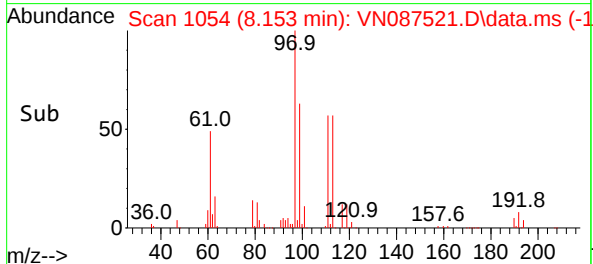
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion:113 Resp: 15741
Ion Ratio Lower Upper
113 100
111 98.7 82.5 123.7
192 15.3 13.7 20.5

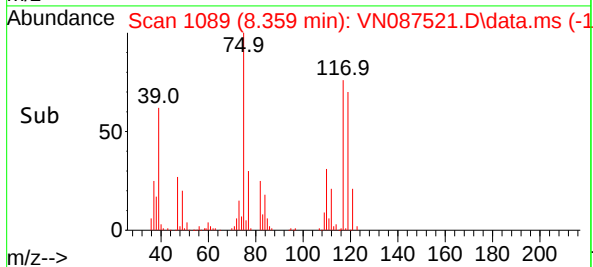
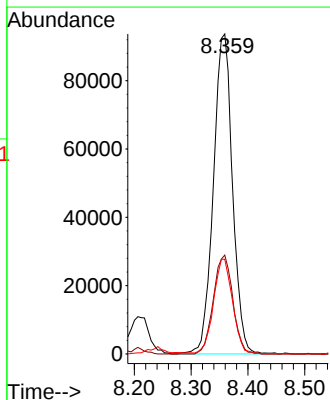
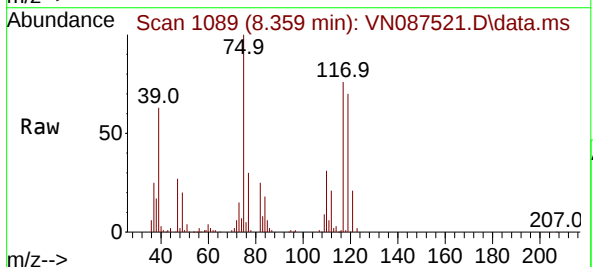
Manual Integrations
APPROVED

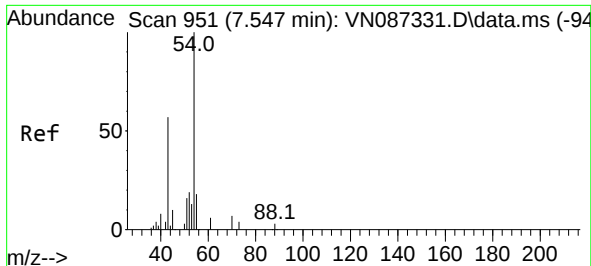
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#36
1,1-Dichloropropene
Concen: 46.633 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

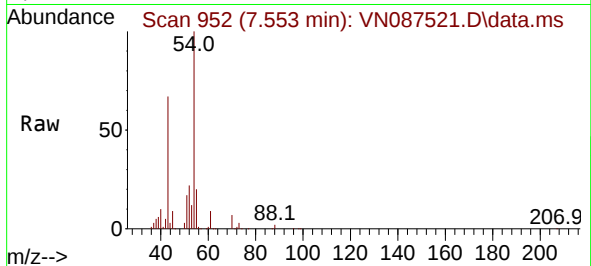
Tgt Ion: 75 Resp: 219152
Ion Ratio Lower Upper
75 100
110 31.3 16.7 50.1
77 29.5 25.2 37.8





#37
Ethyl Acetate
Concen: 44.304 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

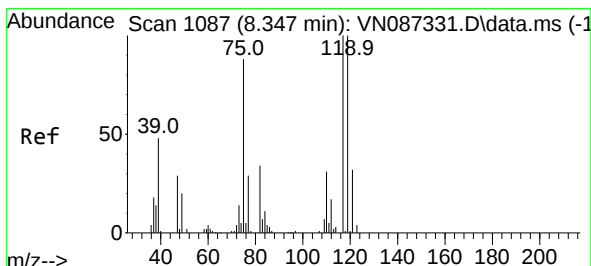
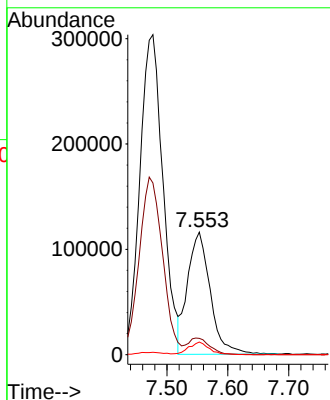
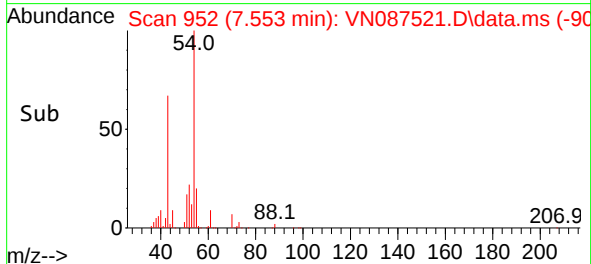
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 43 Resp: 300702
Ion Ratio Lower Upper
43 100
61 12.4 10.9 16.3
70 9.3 7.4 11.0

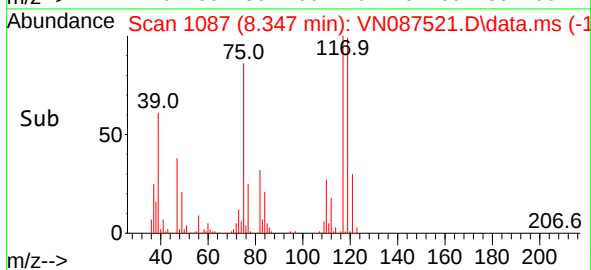
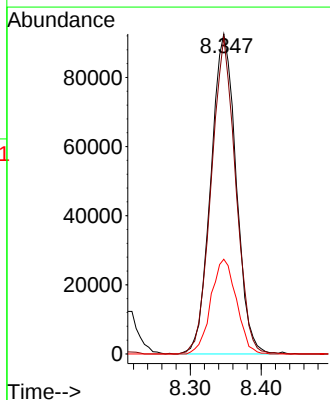
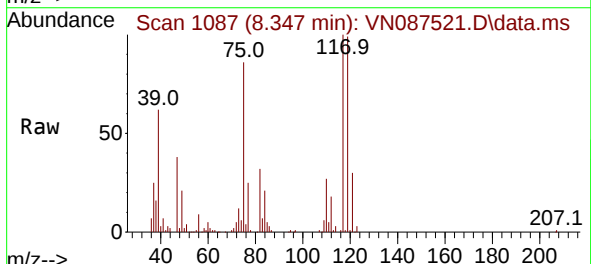
Manual Integrations
APPROVED

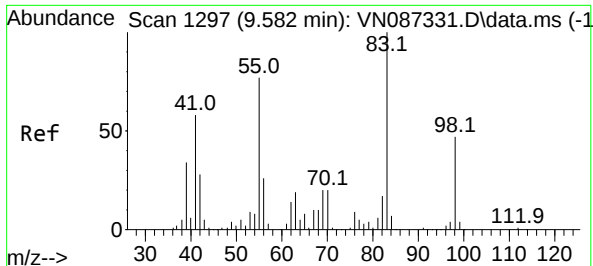
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#38
Carbon Tetrachloride
Concen: 44.202 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:117 Resp: 228827
Ion Ratio Lower Upper
117 100
119 99.0 80.2 120.2
121 29.6 25.4 38.2





#39

Methylcyclohexane

Concen: 46.989 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MS

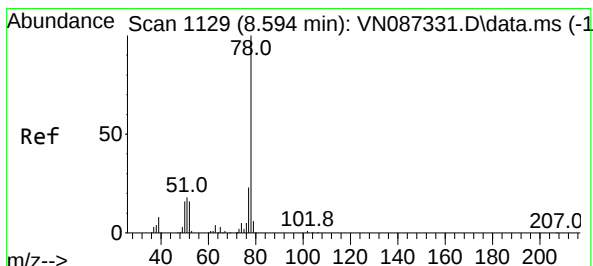
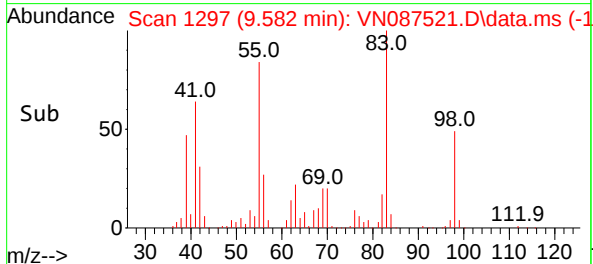
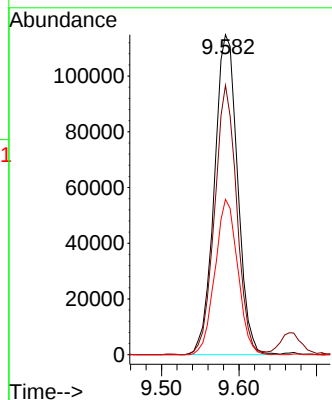
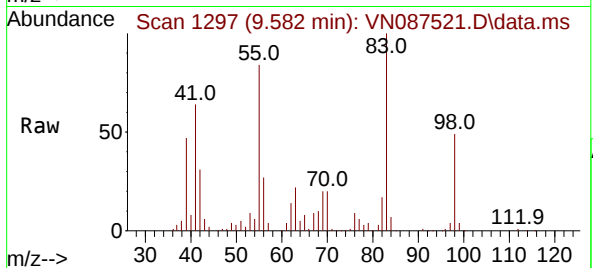
Tgt Ion: 83 Resp: 239075
 Ion Ratio Lower Upper
 83 100
 55 84.2 61.3 91.9
 98 48.5 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#40

Benzene

Concen: 45.888 ug/l

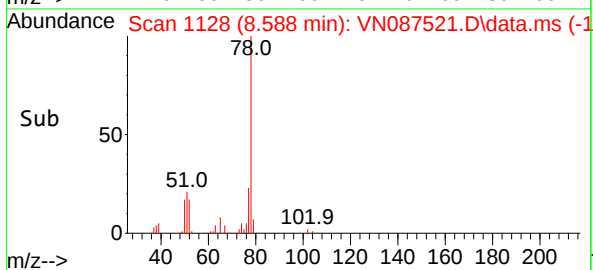
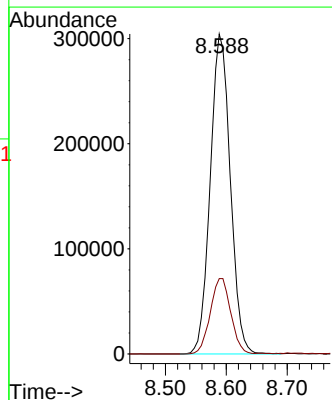
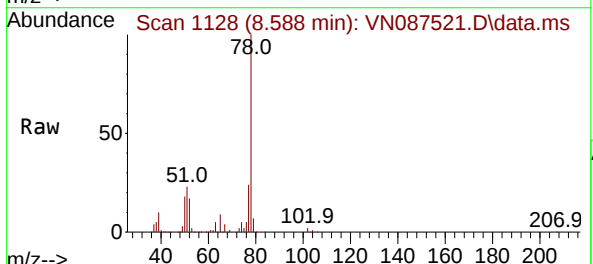
RT: 8.588 min Scan# 1128

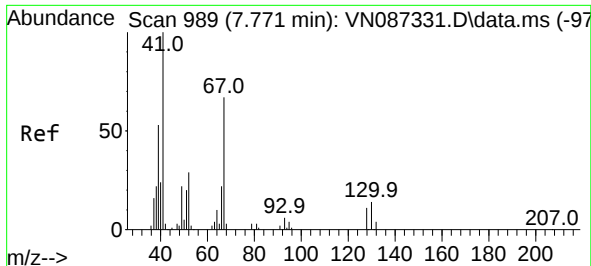
Delta R.T. -0.006 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

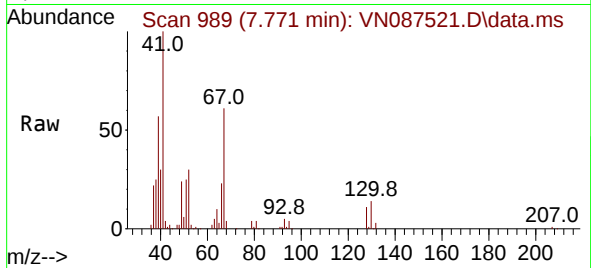
Tgt Ion: 78 Resp: 696992
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.2 27.2





#41
Methacrylonitrile
Concen: 49.393 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

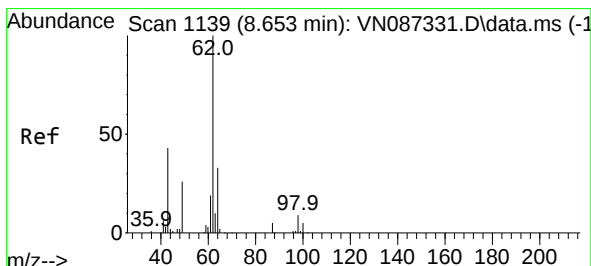
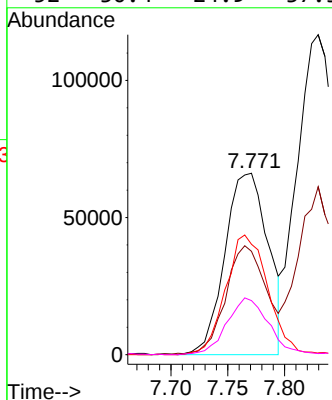
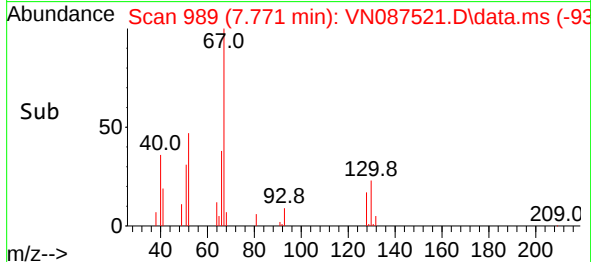
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 41 Resp: 175292
Ion Ratio Lower Upper
41 100
39 56.7 43.4 65.0
67 64.8 55.1 82.7
52 30.4 24.9 37.3

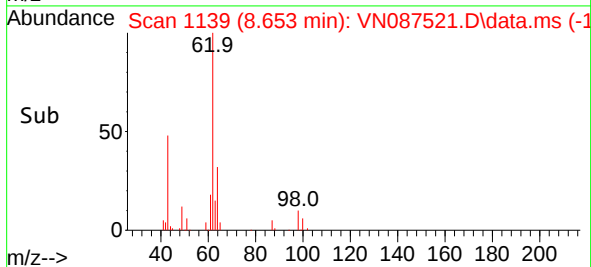
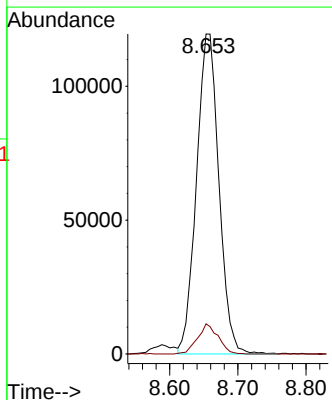
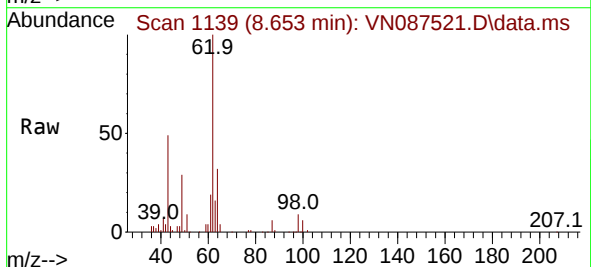
Manual Integrations
APPROVED

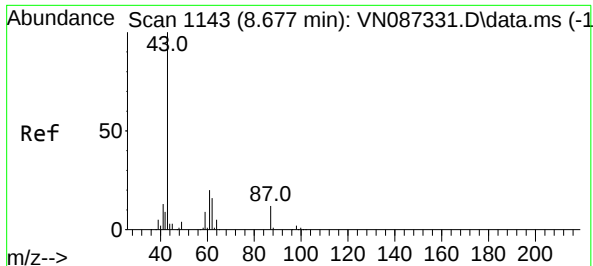
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#42
1,2-Dichloroethane
Concen: 47.524 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

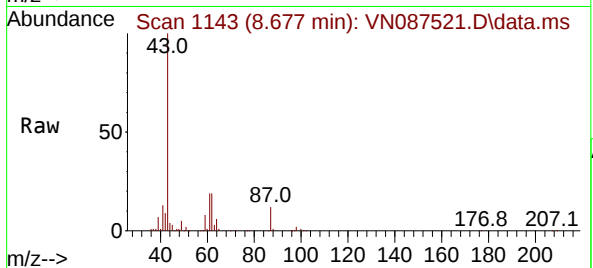
Tgt Ion: 62 Resp: 273737
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 48.236 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

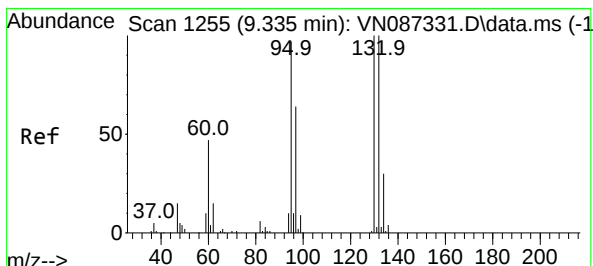
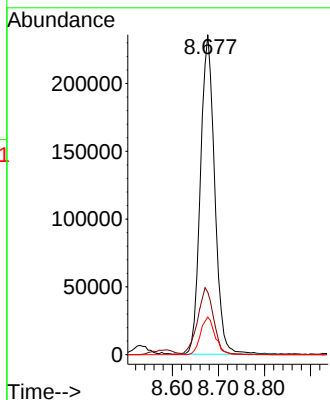
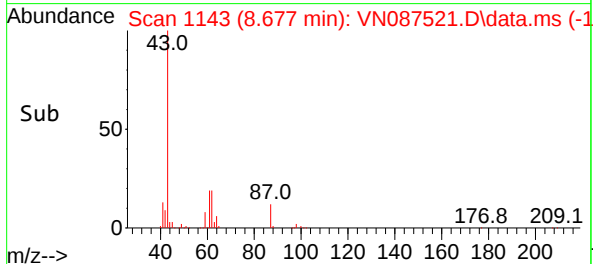
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 43 Resp: 508214
Ion Ratio Lower Upper
43 100
61 23.3 19.8 29.8
87 12.0 9.8 14.6

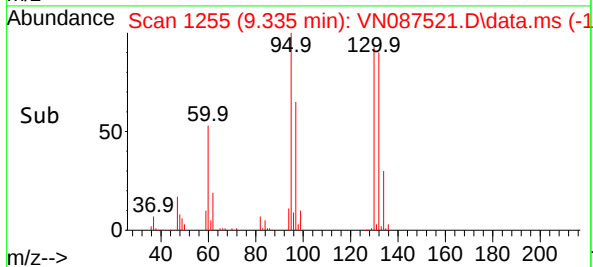
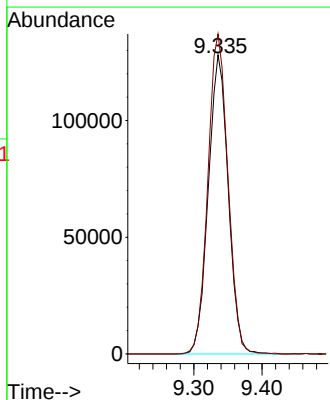
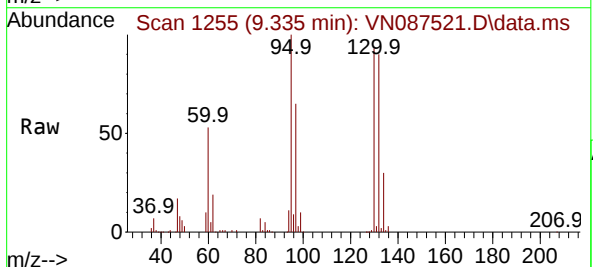
Manual Integrations
APPROVED

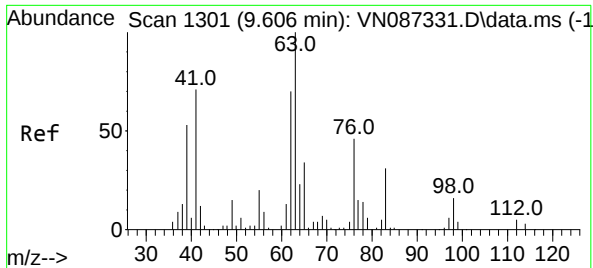
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#44
Trichloroethene
Concen: 72.731 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

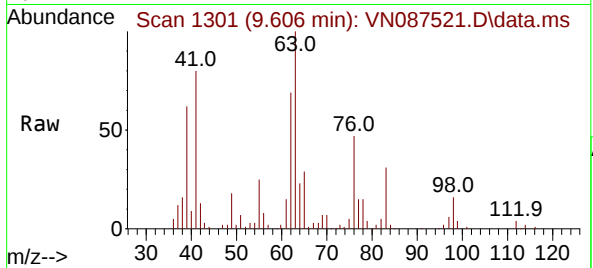
Tgt Ion:130 Resp: 261025
Ion Ratio Lower Upper
130 100
95 107.0 0.0 195.2





#45
1,2-Dichloropropane
Concen: 46.194 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

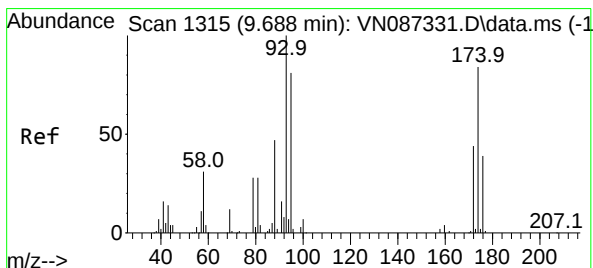
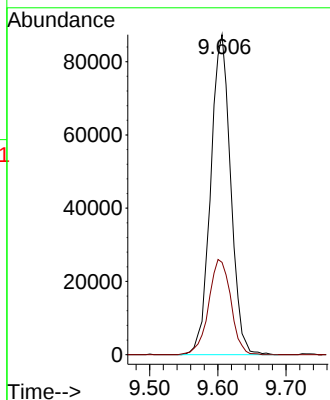
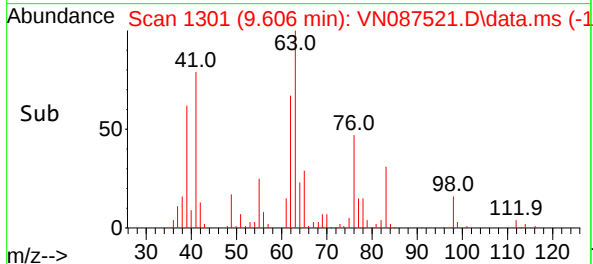
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



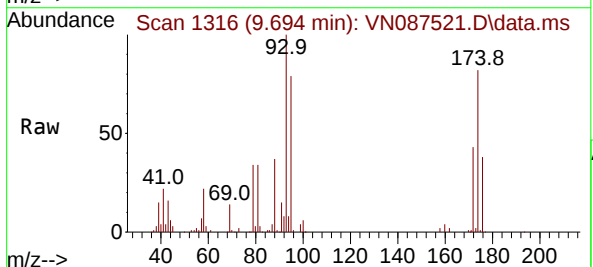
Tgt Ion: 63 Resp: 178270
Ion Ratio Lower Upper
63 100
65 28.9 27.0 40.4

Manual Integrations
APPROVED

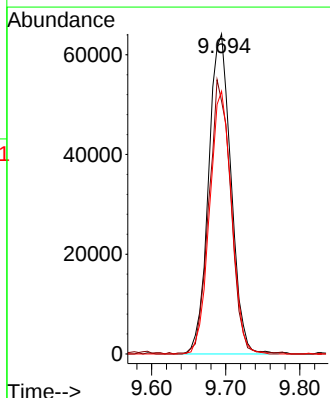
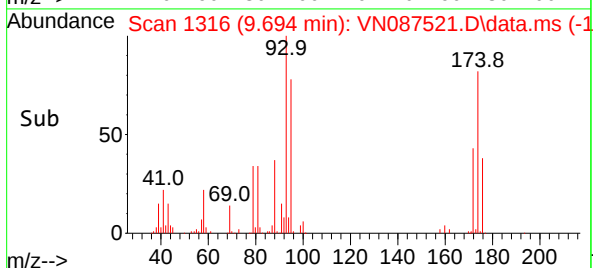
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

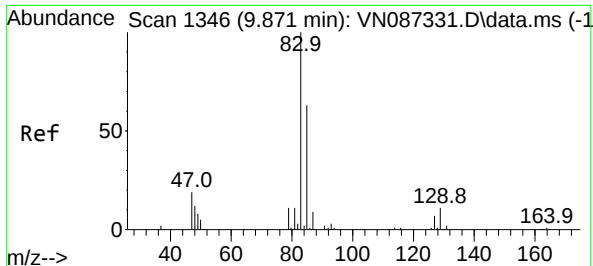


#46
Dibromomethane
Concen: 46.636 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



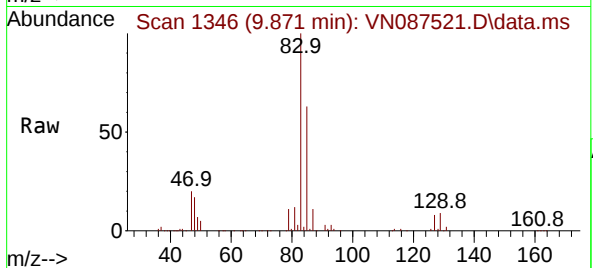
Tgt Ion: 93 Resp: 134756
Ion Ratio Lower Upper
93 100
95 83.7 65.8 98.8
174 80.5 69.9 104.9





#47
Bromodichloromethane
Concen: 47.731 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

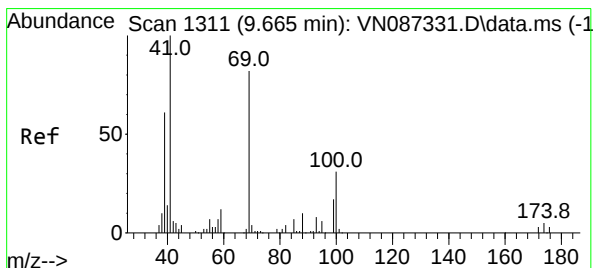
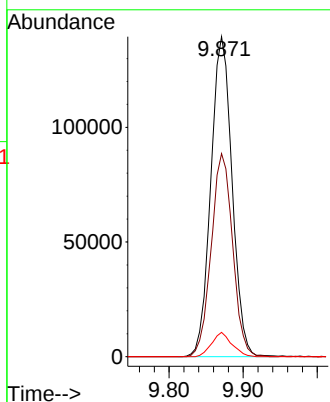
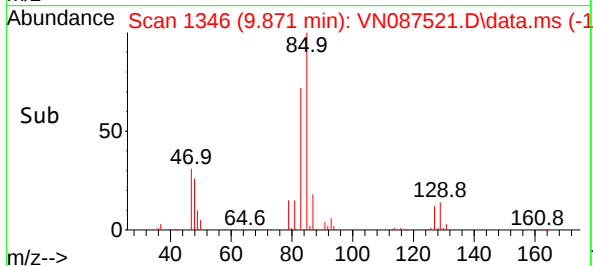
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 83 Resp: 277810
Ion Ratio Lower Upper
83 100
85 63.5 50.4 75.6
127 7.6 5.8 8.8

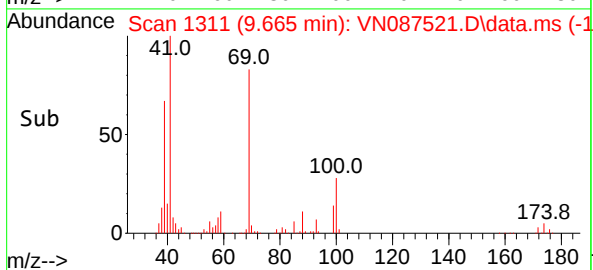
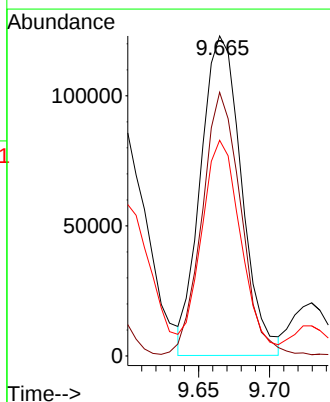
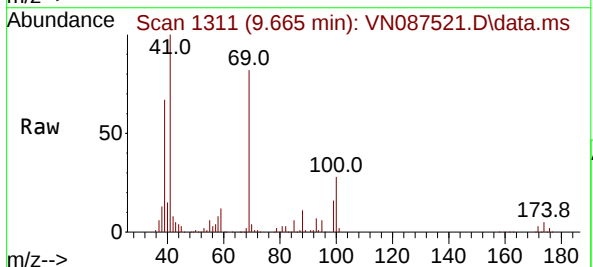
Manual Integrations
APPROVED

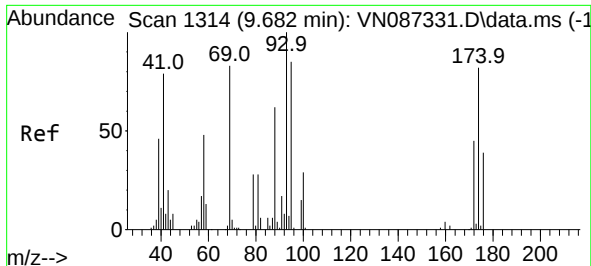
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#48
Methyl methacrylate
Concen: 51.855 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

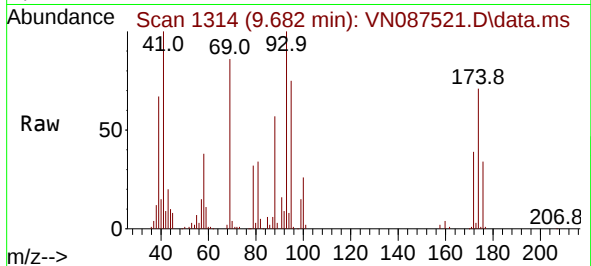
Tgt Ion: 41 Resp: 245961
Ion Ratio Lower Upper
41 100
69 78.0 64.1 96.1
39 65.3 45.5 68.3





#49
1,4-Dioxane
Concen: 956.911 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

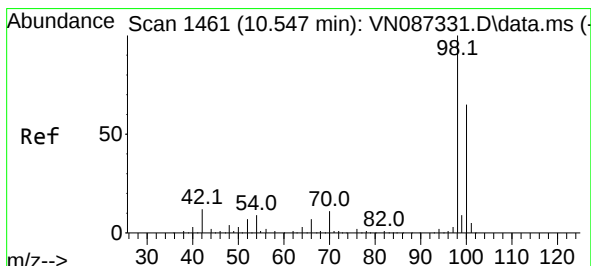
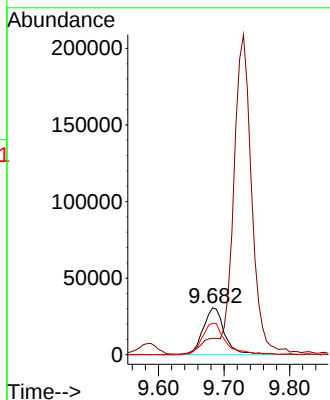
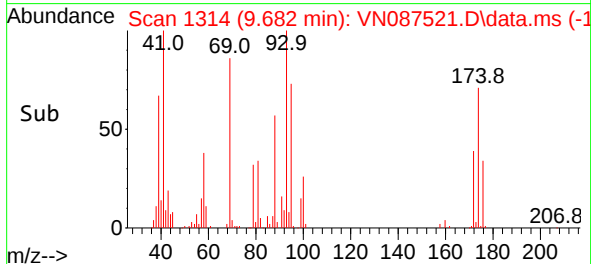
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 88 Resp: 6951
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.5 61.1 91.7

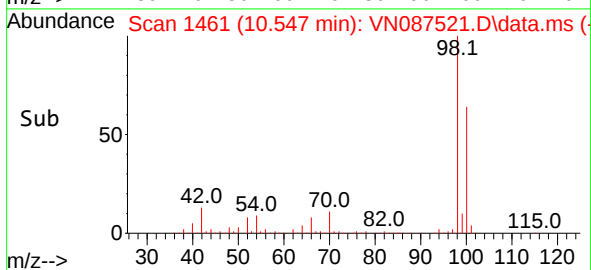
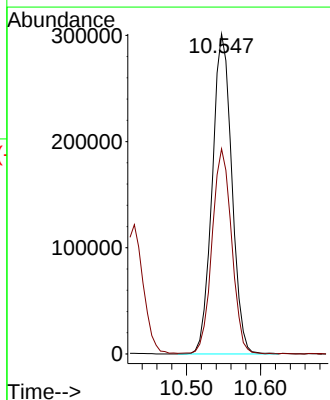
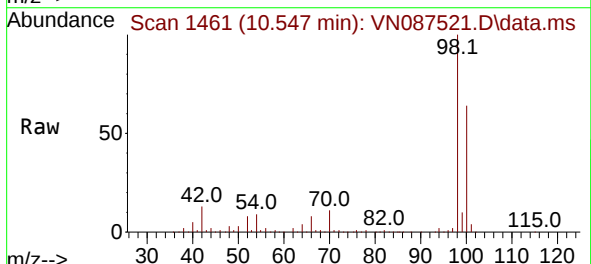
Manual Integrations
APPROVED

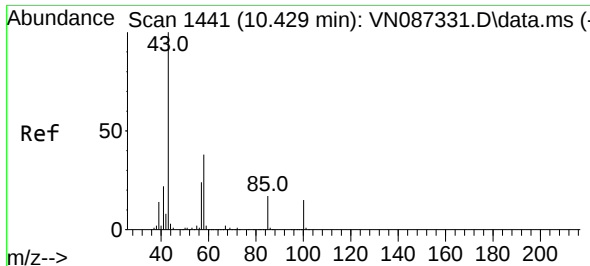
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#50
Toluene-d8
Concen: 43.537 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

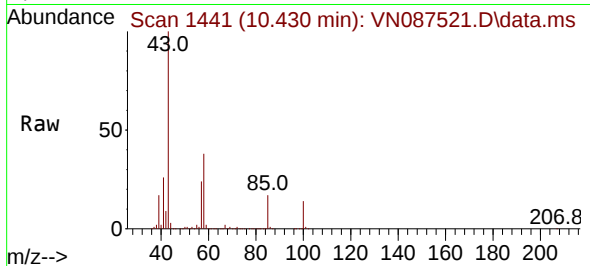
Tgt Ion: 98 Resp: 552415
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 237.315 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

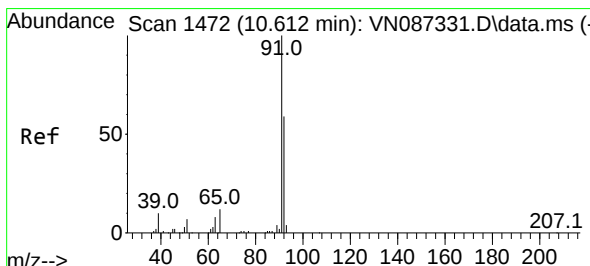
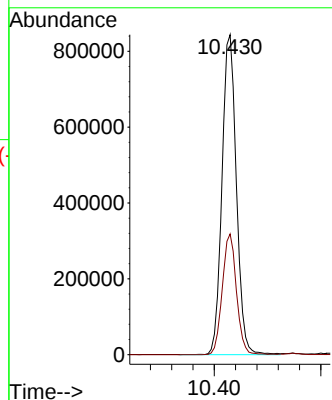
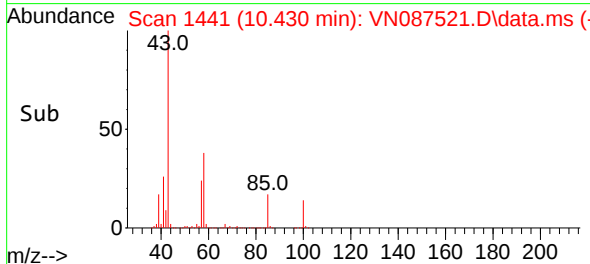
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 43 Resp: 1581420
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2

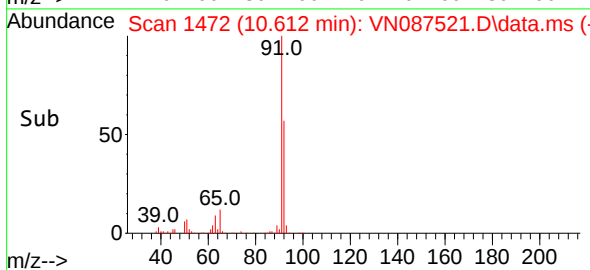
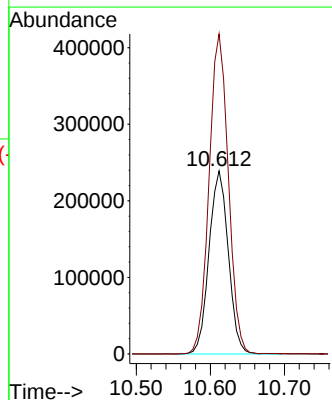
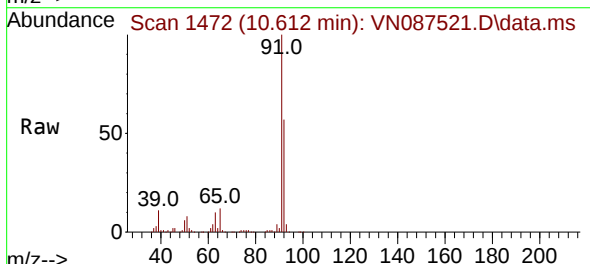
Manual Integrations
APPROVED

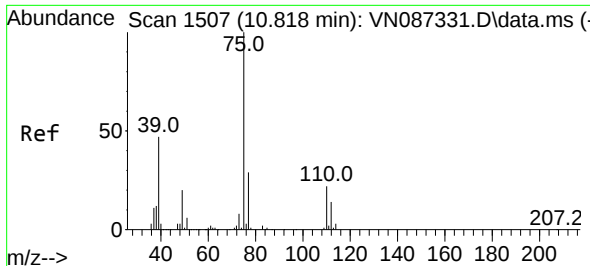
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#52
Toluene
Concen: 46.838 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

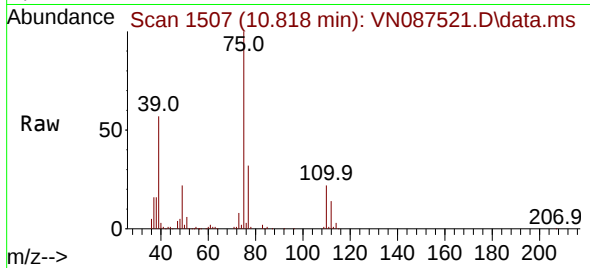
Tgt Ion: 92 Resp: 432409
Ion Ratio Lower Upper
92 100
91 174.8 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 48.140 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

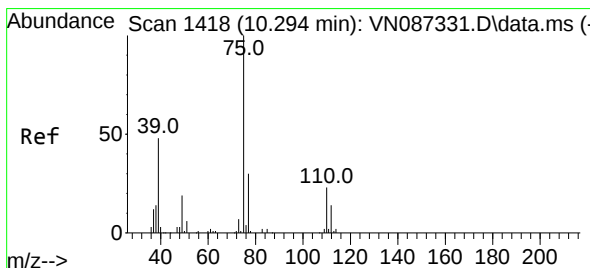
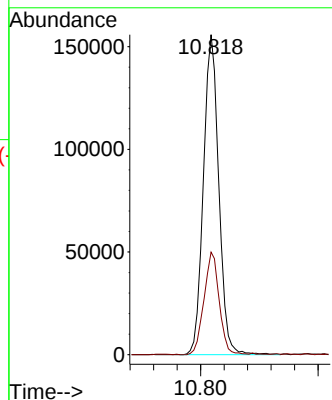
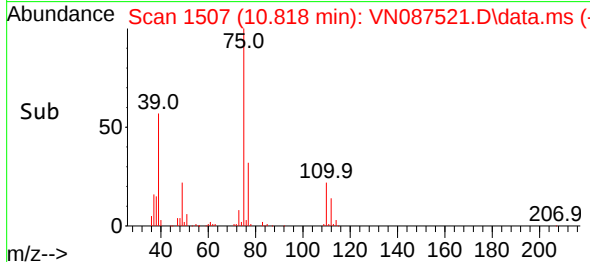
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



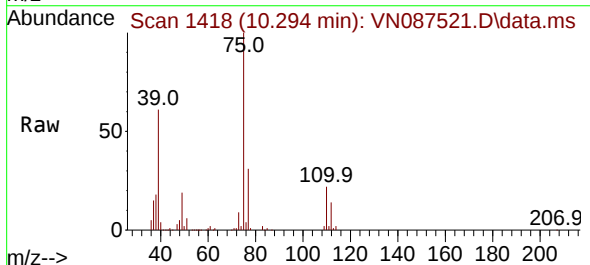
Tgt Ion: 75 Resp: 28356
Ion Ratio Lower Upper
75 100
77 32.1 23.6 35.4

Manual Integrations
APPROVED

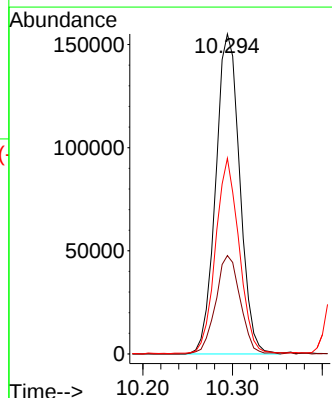
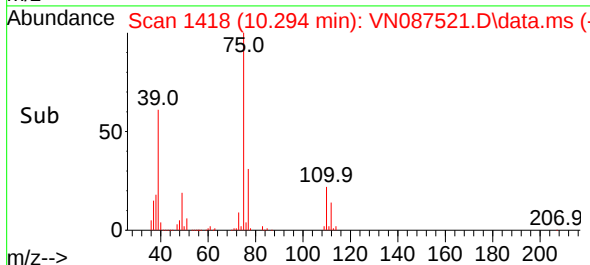
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

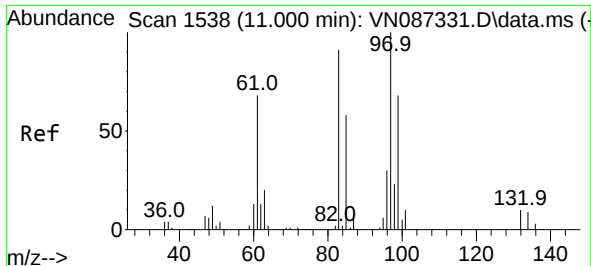


#54
cis-1,3-Dichloropropene
Concen: 47.424 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



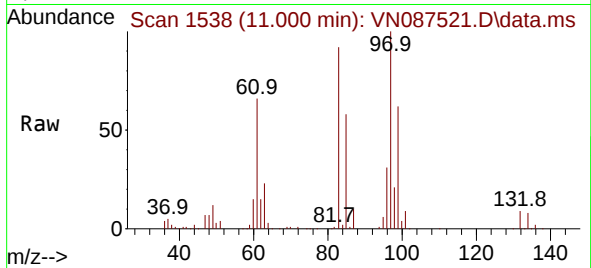
Tgt Ion: 75 Resp: 288552
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.2
39 60.9 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 45.780 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

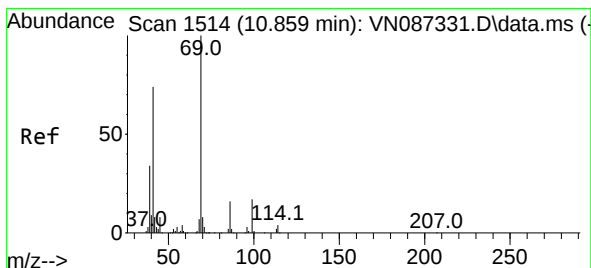
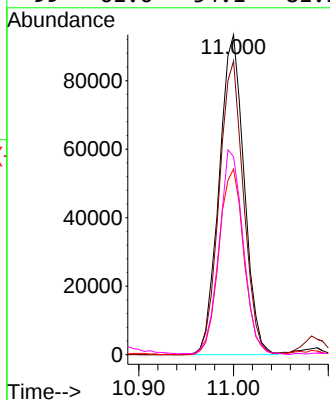
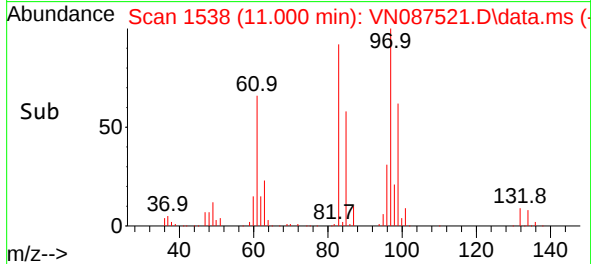
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



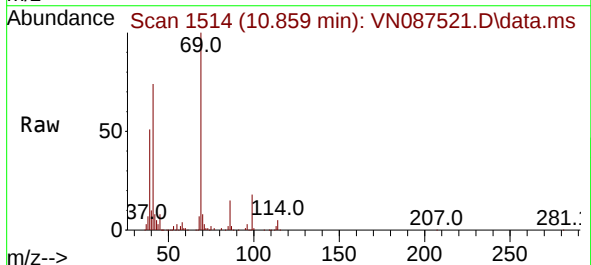
Tgt Ion: 97 Resp: 171109
Ion Ratio Lower Upper
97 100
83 91.8 72.6 109.0
85 58.0 46.7 70.1
99 61.6 54.1 81.1

Manual Integrations
APPROVED

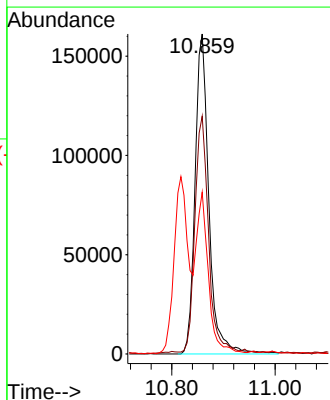
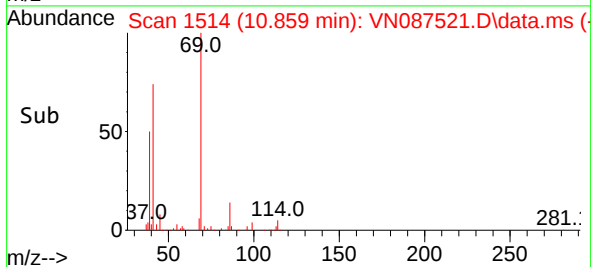
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

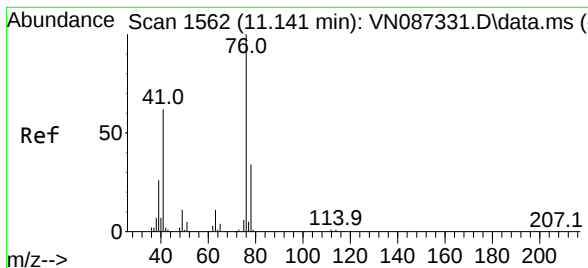


#56
Ethyl methacrylate
Concen: 47.700 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



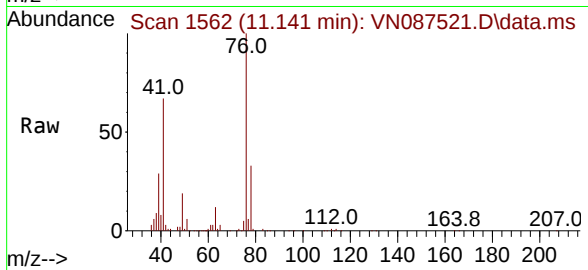
Tgt Ion: 69 Resp: 299086
Ion Ratio Lower Upper
69 100
41 72.1 55.1 82.7
39 42.6 27.9 41.9





#57
1,3-Dichloropropane
Concen: 47.392 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

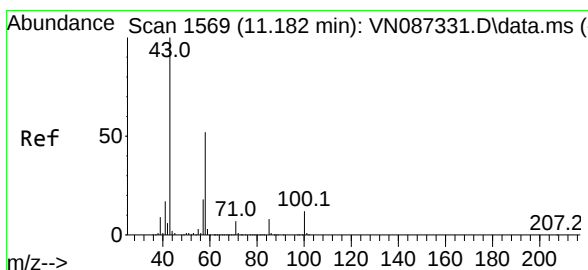
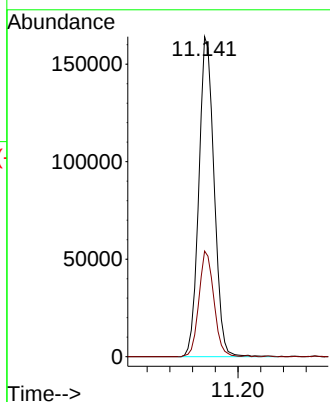
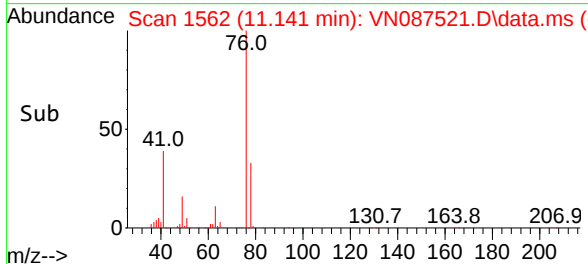
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



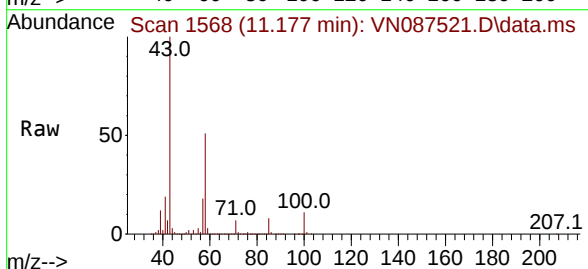
Tgt Ion: 76 Resp: 306258
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

Manual Integrations
APPROVED

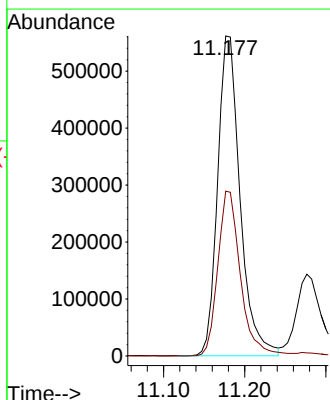
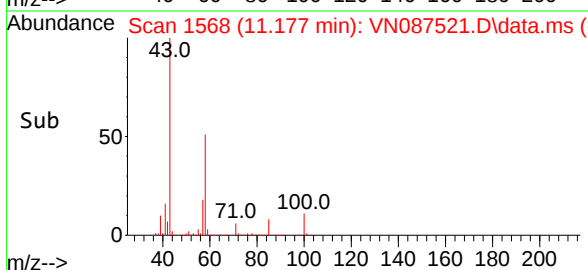
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

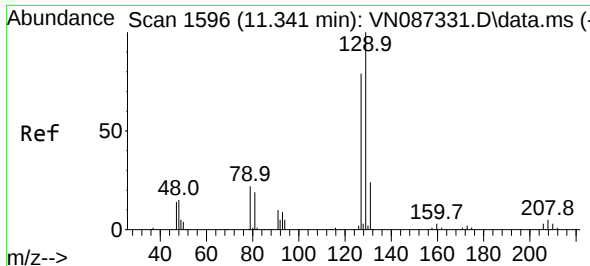


#59
2-Hexanone
Concen: 244.964 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



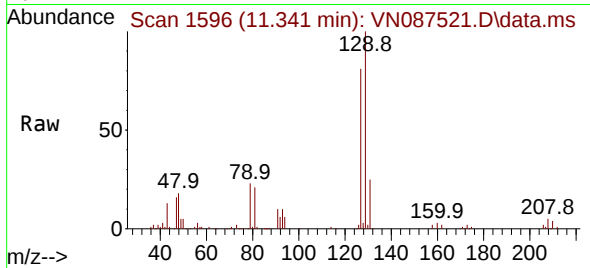
Tgt Ion: 43 Resp: 1083026
Ion Ratio Lower Upper
43 100
58 52.0 26.7 80.0





#60
Dibromochloromethane
Concen: 46.174 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

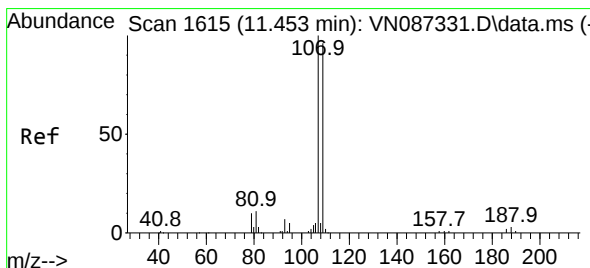
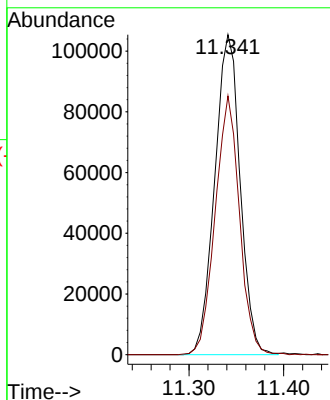
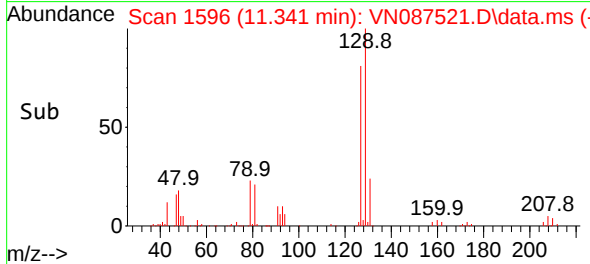
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



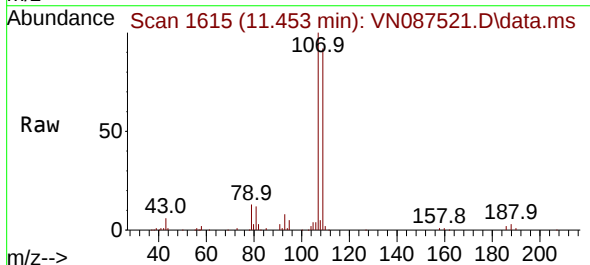
Tgt Ion:129 Resp: 196818
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5

Manual Integrations
APPROVED

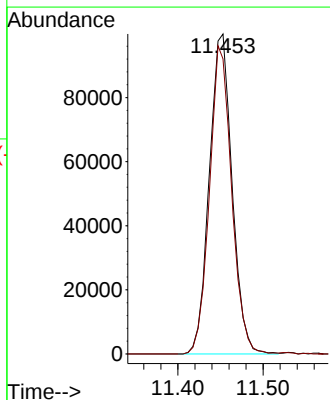
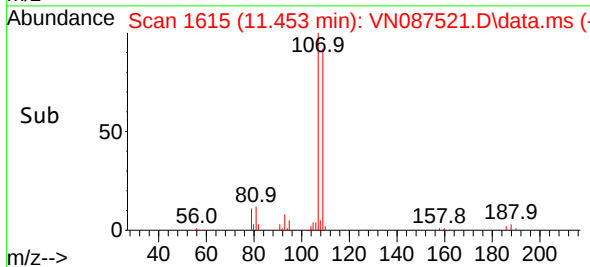
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

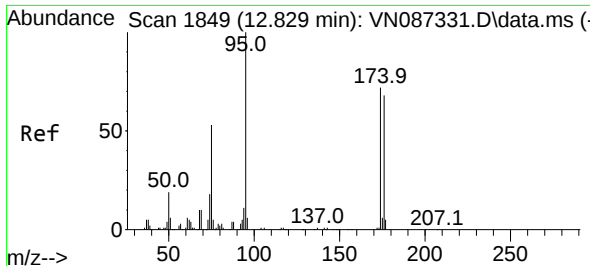


#61
1,2-Dibromoethane
Concen: 47.144 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



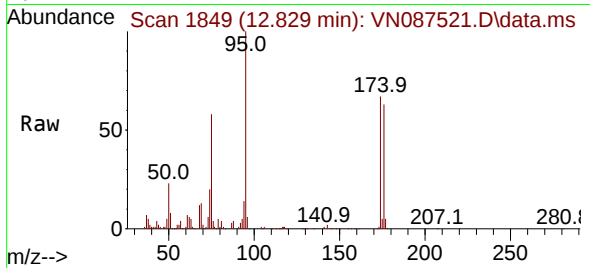
Tgt Ion:107 Resp: 185271
Ion Ratio Lower Upper
107 100
109 93.5 77.5 116.3





#62
4-Bromofluorobenzene
Concen: 46.780 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

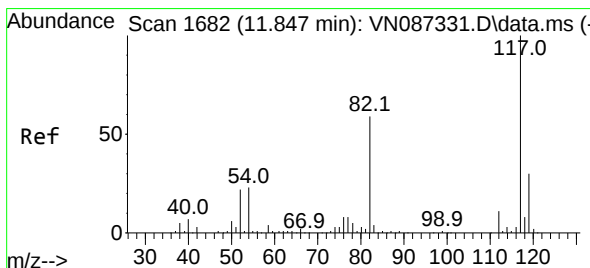
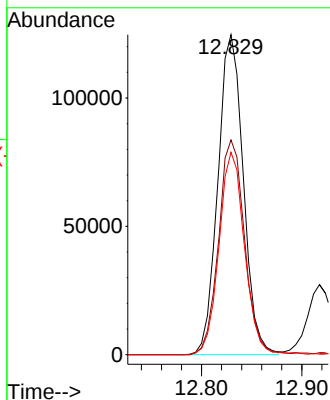
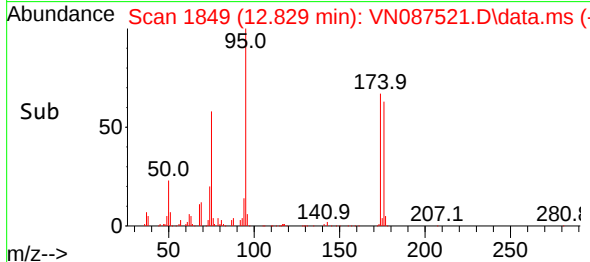
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



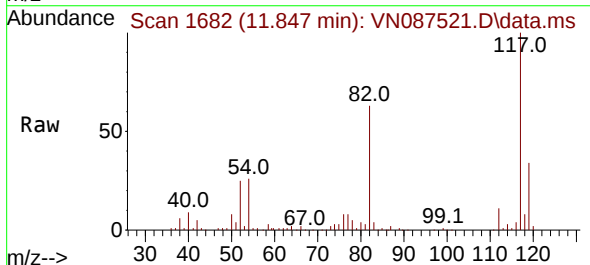
Tgt Ion: 95 Resp: 219290
Ion Ratio Lower Upper
95 100
174 68.6 0.0 149.4
176 63.7 0.0 141.2

Manual Integrations
APPROVED

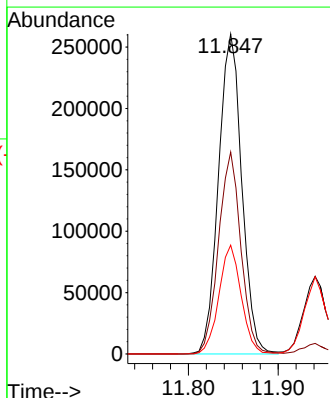
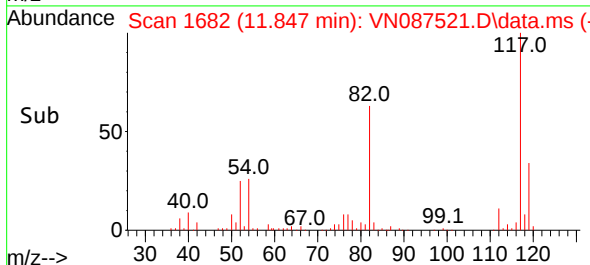
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

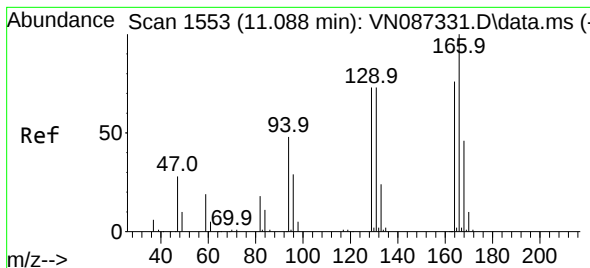


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



Tgt Ion:117 Resp: 470061
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 34.0 23.8 35.8





#64

Tetrachloroethene

Concen: 99.220 ug/l

RT: 11.088 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VN087521.D

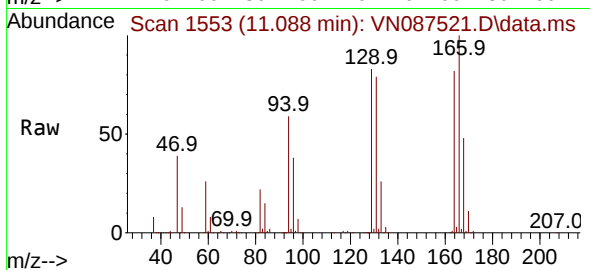
Acq: 12 Aug 2025 17:41

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MS



Tgt Ion:164 Resp: 300174

Ion Ratio Lower Upper

164 100

166 122.6 105.5 158.3

129 101.3 77.4 116.2

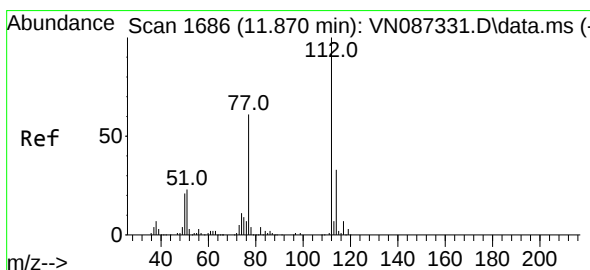
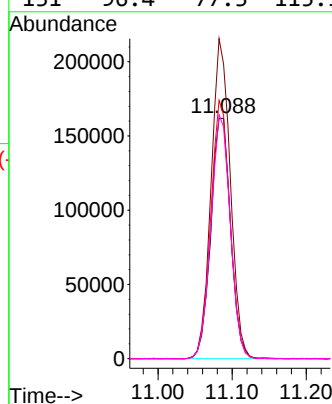
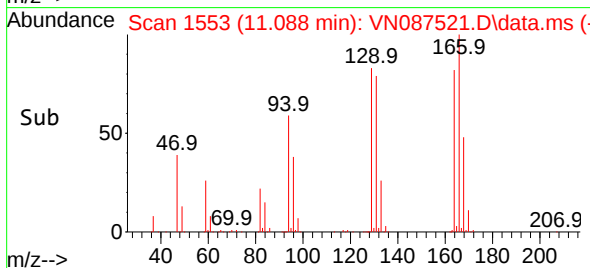
131 96.4 77.3 115.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#65

Chlorobenzene

Concen: 44.158 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087521.D

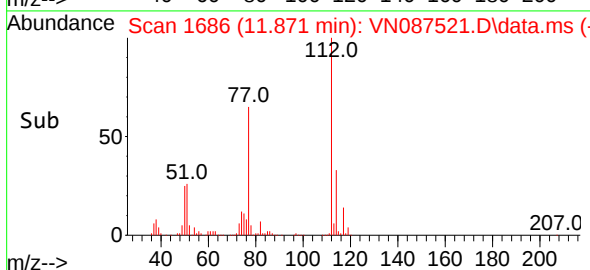
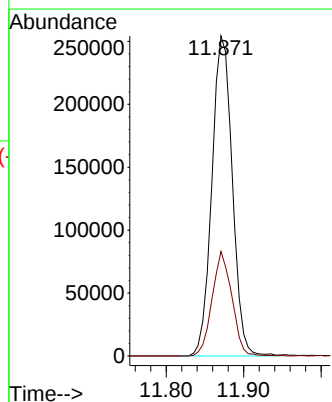
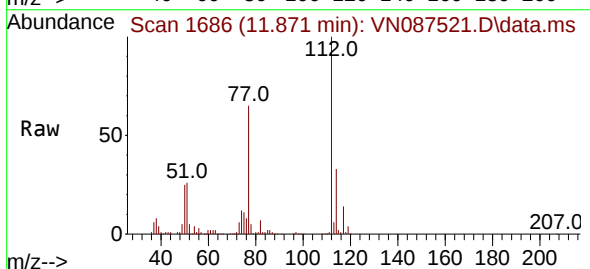
Acq: 12 Aug 2025 17:41

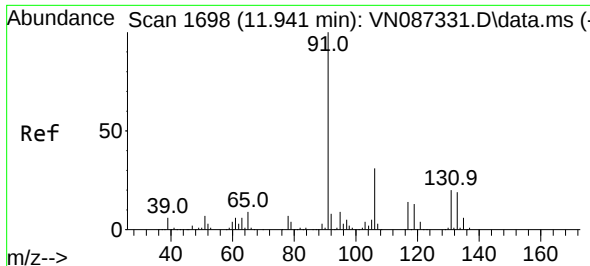
Tgt Ion:112 Resp: 466009

Ion Ratio Lower Upper

112 100

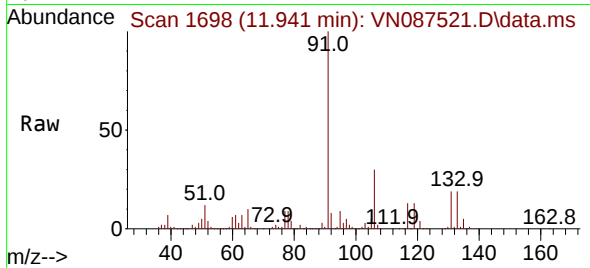
114 32.7 26.5 39.7





#66
1,1,1,2-Tetrachloroethane
Concen: 46.051 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

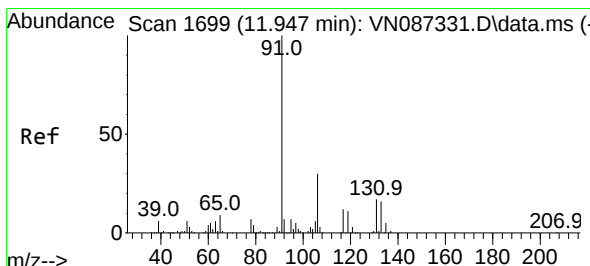
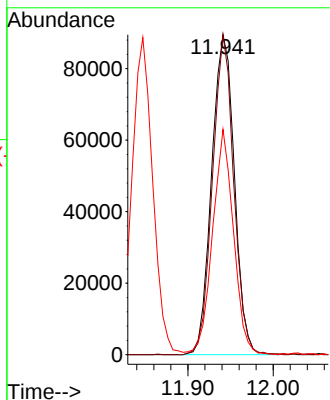
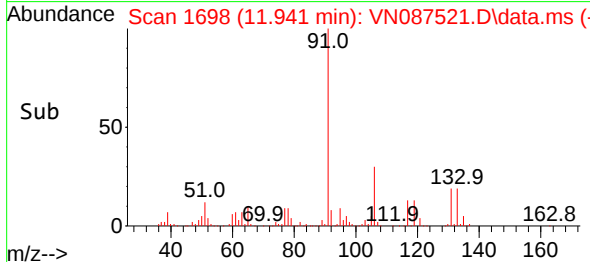
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



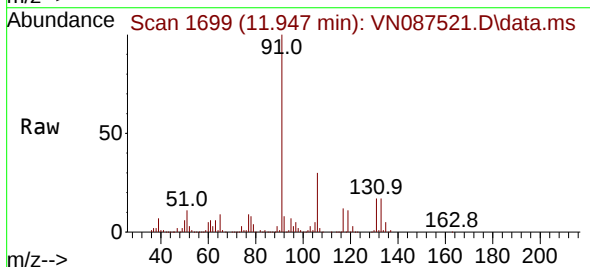
Tgt Ion:131 Resp: 165254
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 65.2 33.1 99.2

Manual Integrations
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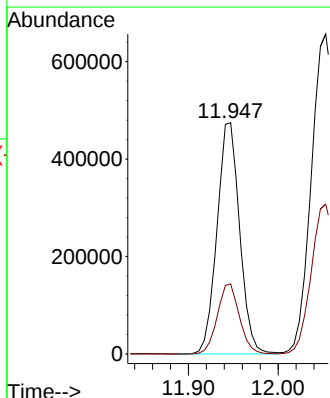
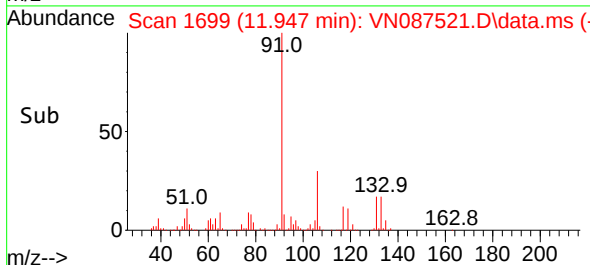
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

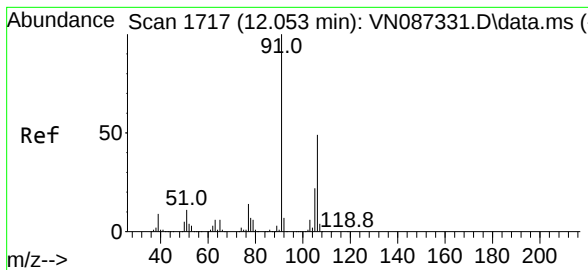


#67
Ethyl Benzene
Concen: 47.889 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



Tgt Ion: 91 Resp: 831992
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5





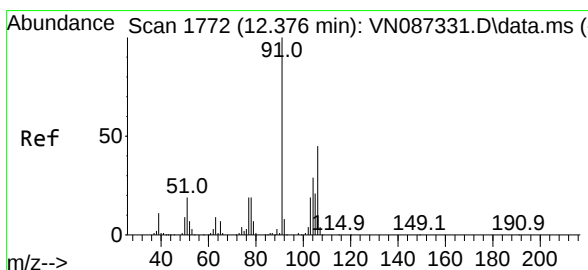
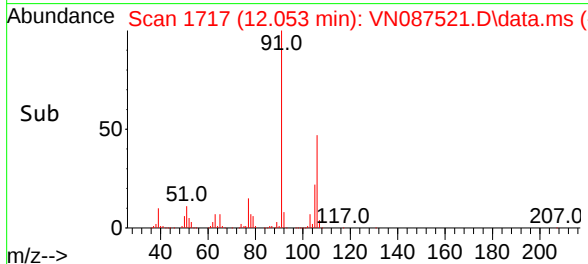
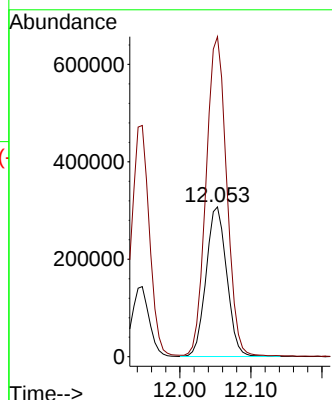
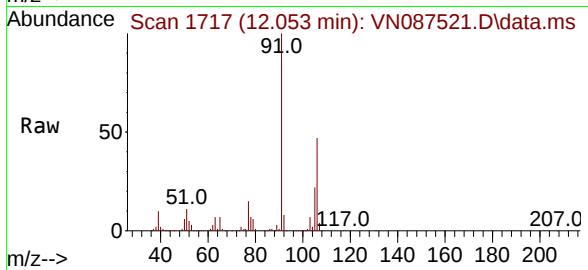
#68
m/p-Xylenes
Concen: 95.540 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Tgt Ion:106 Resp: 621549
Ion Ratio Lower Upper
106 100
91 212.0 162.0 243.0

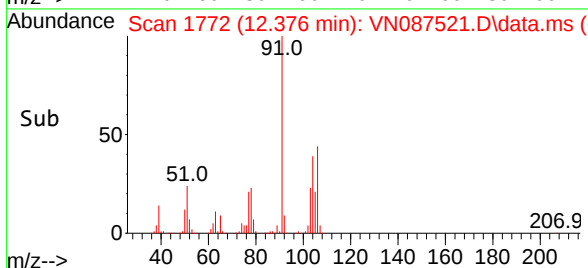
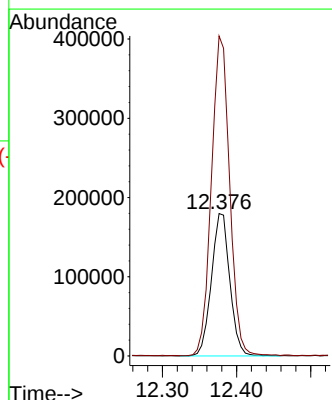
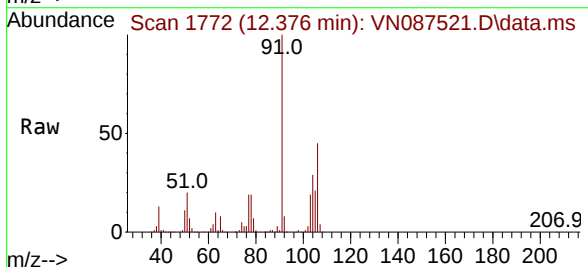
Manual Integrations
APPROVED

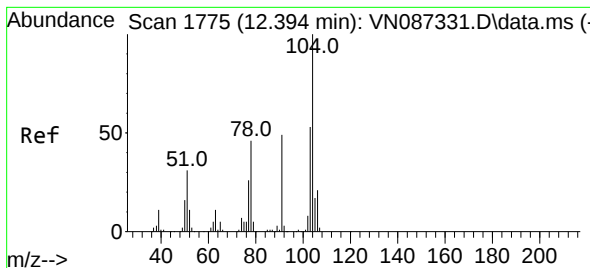
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#69
o-Xylene
Concen: 49.873 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:106 Resp: 309926
Ion Ratio Lower Upper
106 100
91 223.0 107.7 323.3





#70

Styrene

Concen: 51.551 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MS

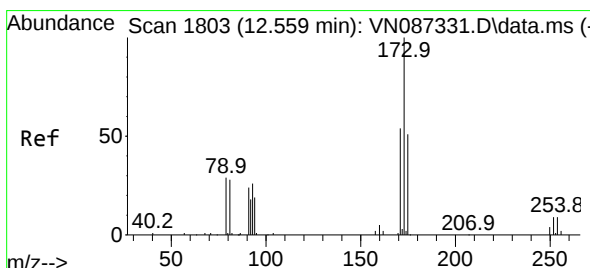
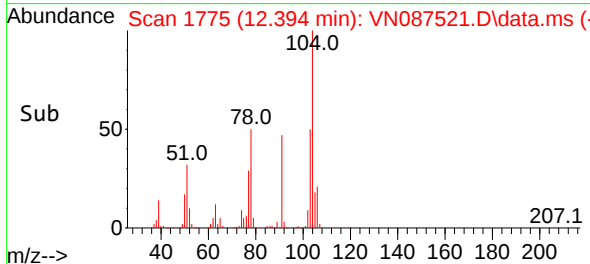
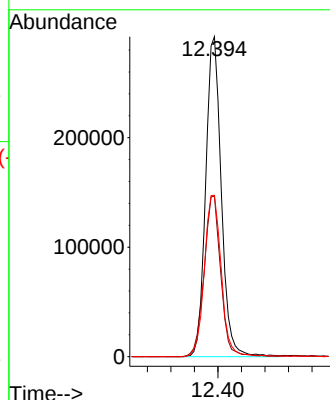
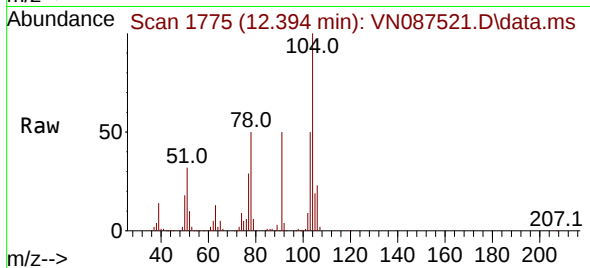
Tgt Ion:104	Resp: 538900
Ion Ratio	Lower Upper
104 100	
78 53.4	41.0 61.6
103 54.5	43.9 65.9

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#71

Bromoform

Concen: 44.453 ug/l

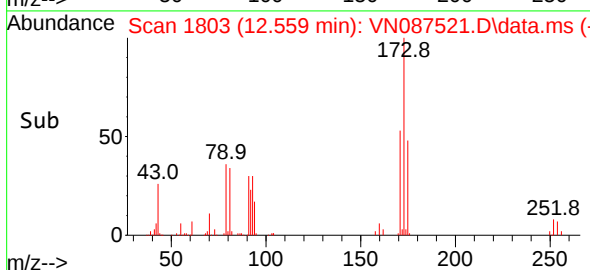
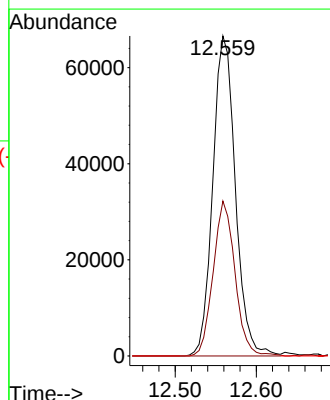
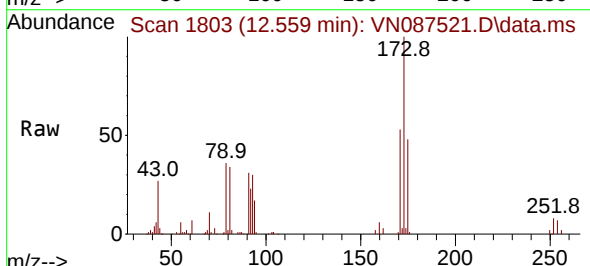
RT: 12.559 min Scan# 1803

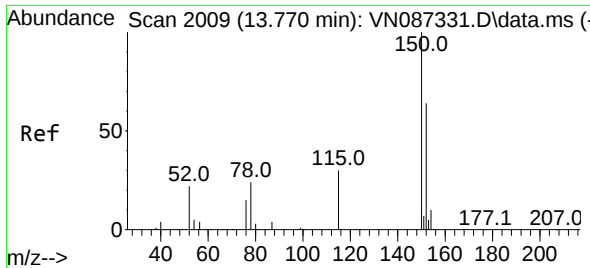
Delta R.T. 0.000 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

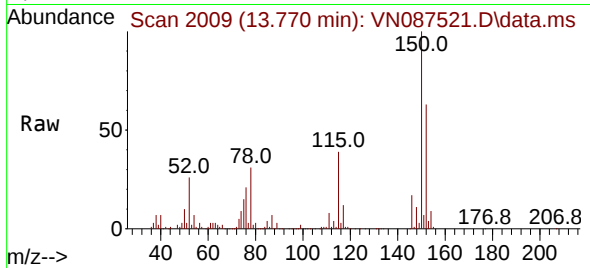
Tgt Ion:173	Resp: 128872
Ion Ratio	Lower Upper
173 100	
175 46.8	24.1 72.3
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

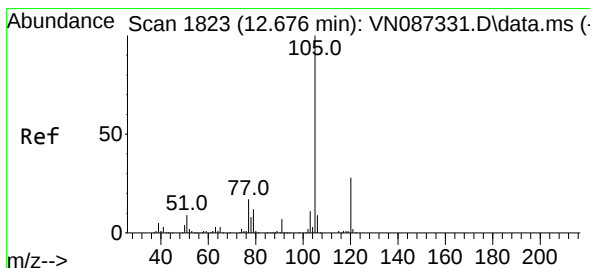
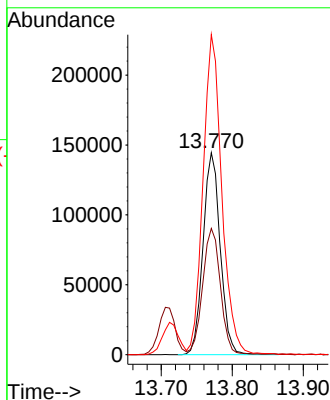
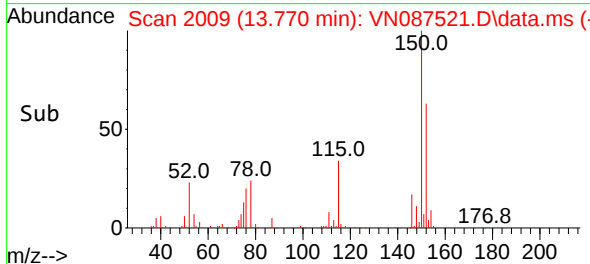
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



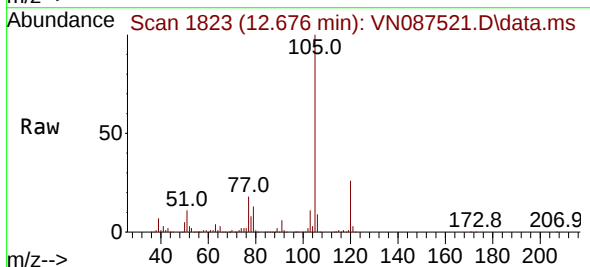
Tgt Ion:152 Resp: 243472
Ion Ratio Lower Upper
152 100
115 64.1 31.1 93.5
150 172.6 0.0 349.0

Manual Integrations
APPROVED

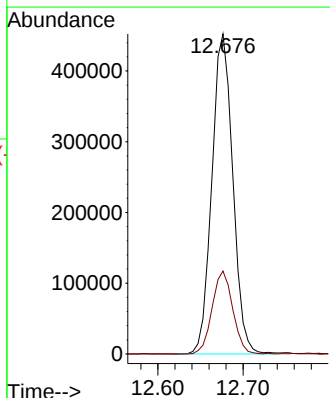
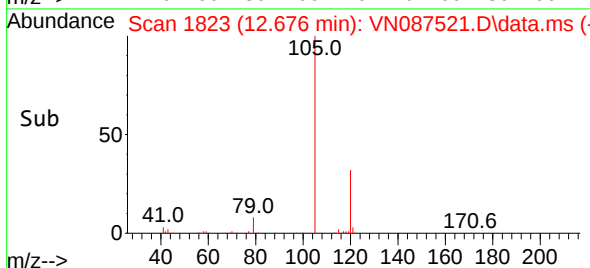
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

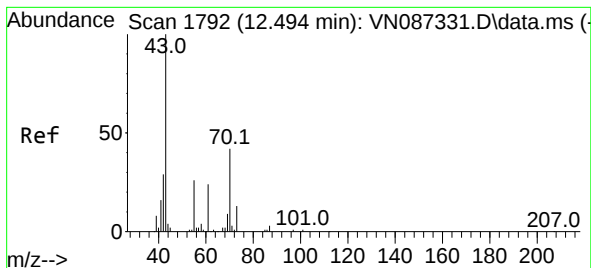


#73
Isopropylbenzene
Concen: 50.373 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



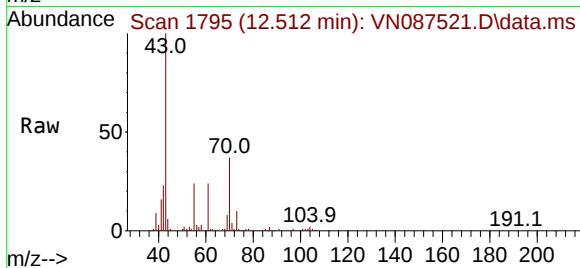
Tgt Ion:105 Resp: 771901
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1





#74
N-amy1 acetate
Concen: 45.295 ug/l m
RT: 12.512 min Scan# 1795
Delta R.T. 0.018 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

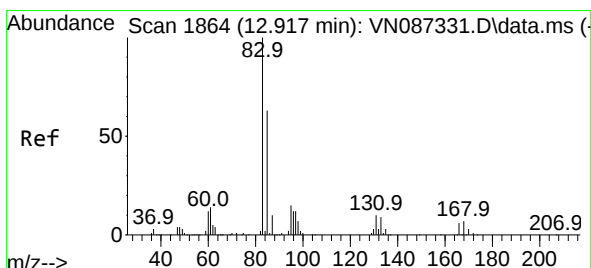
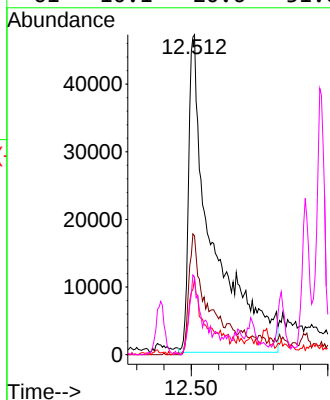
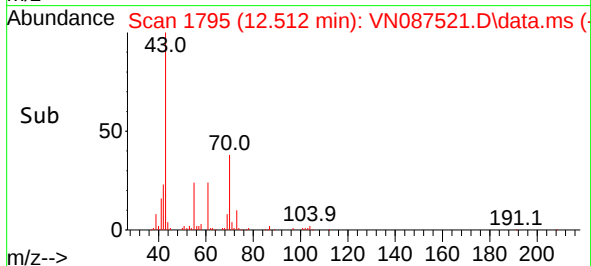
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion: 43 Resp: 288374
Ion Ratio Lower Upper
43 100
70 20.7 37.6 56.4
55 13.8 19.6 29.4
61 10.1 20.6 31.0#

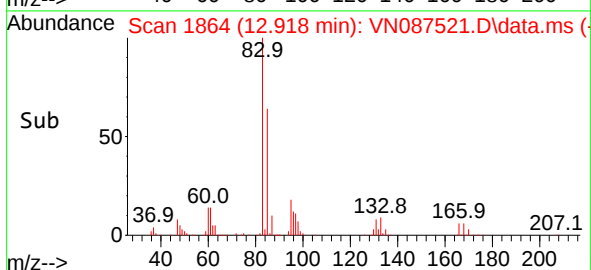
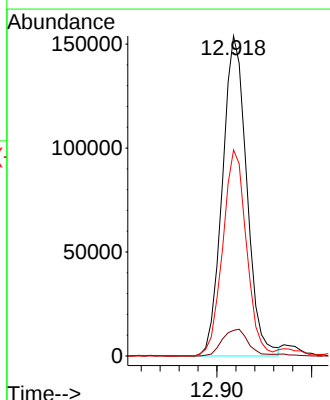
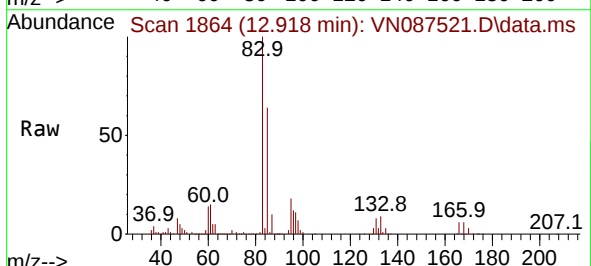
Manual Integrations
APPROVED

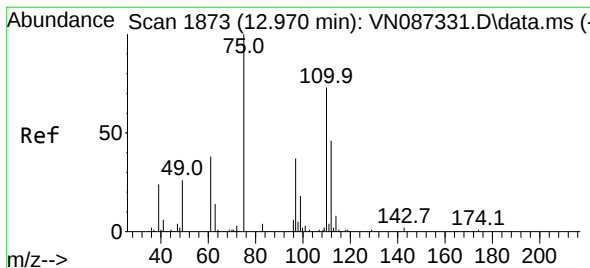
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 47.661 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

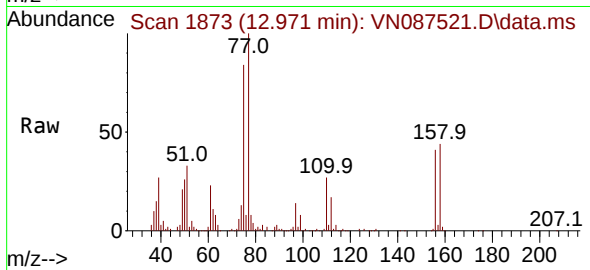
Tgt Ion: 83 Resp: 274813
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 62.8 32.5 97.4





#76
1,2,3-Trichloropropane
Concen: 50.040 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

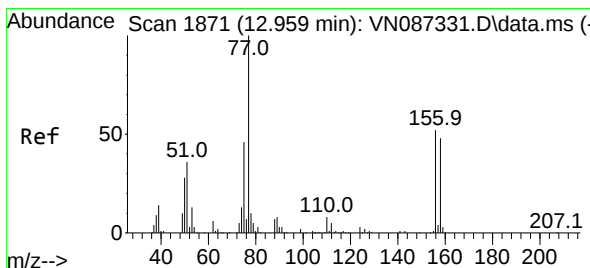
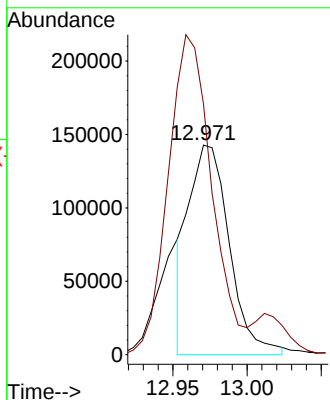
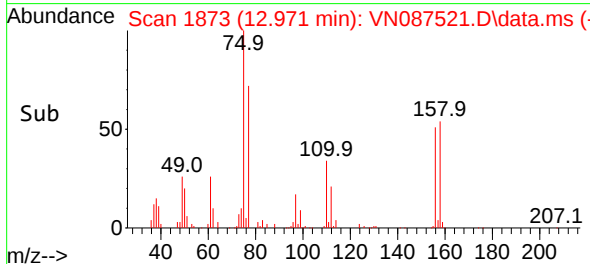
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



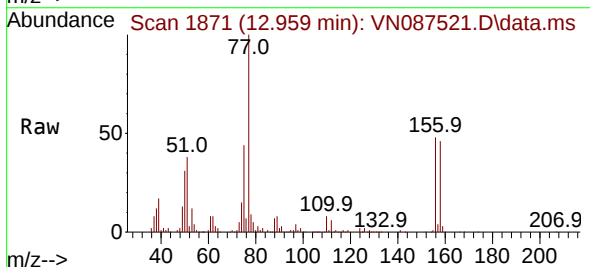
Tgt Ion: 75 Resp: 273199
Ion Ratio Lower Upper
75 100
77 163.1 94.5 283.6

Manual Integrations
APPROVED

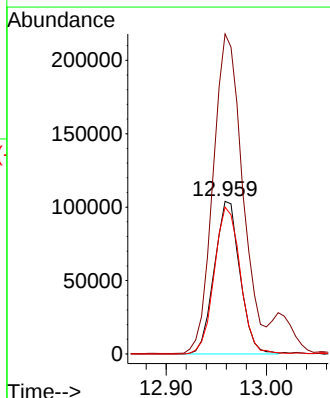
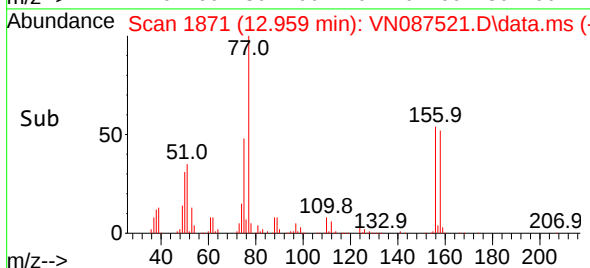
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

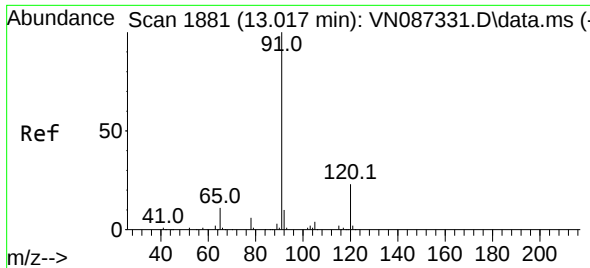


#77
Bromobenzene
Concen: 46.433 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



Tgt Ion:156 Resp: 184531
Ion Ratio Lower Upper
156 100
77 241.5 114.9 344.6
158 97.7 48.5 145.5





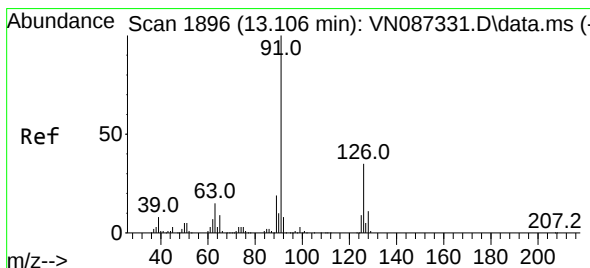
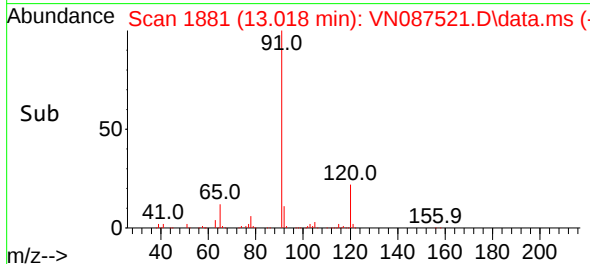
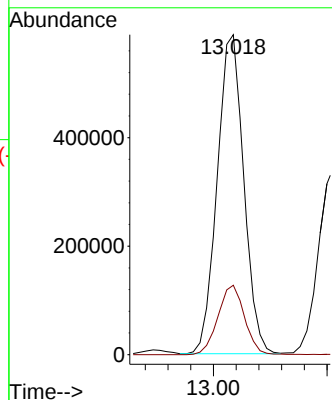
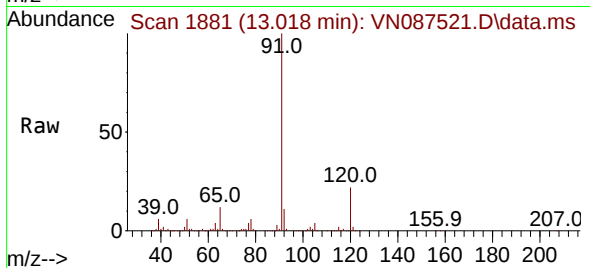
#78
n-propylbenzene
Concen: 49.518 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Tgt Ion: 91 Resp: 95468
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.8

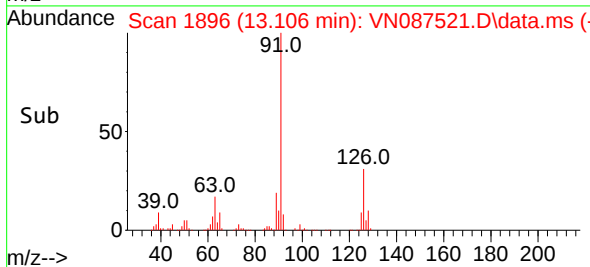
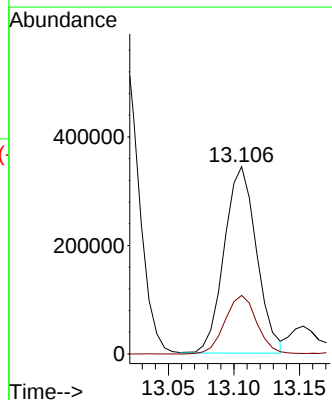
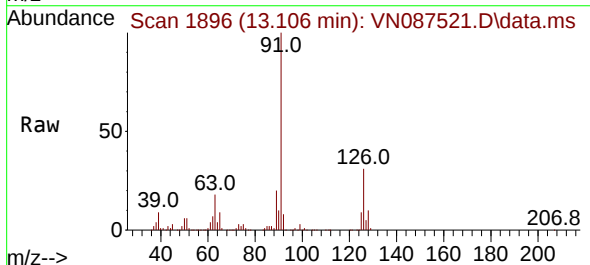
Manual Integrations
APPROVED

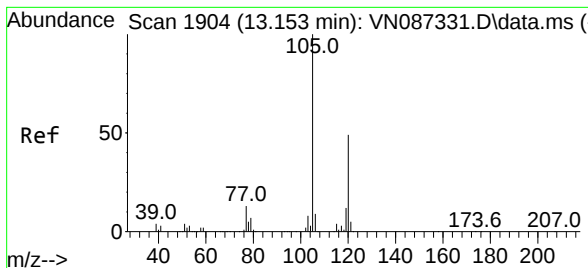
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#79
2-Chlorotoluene
Concen: 49.757 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

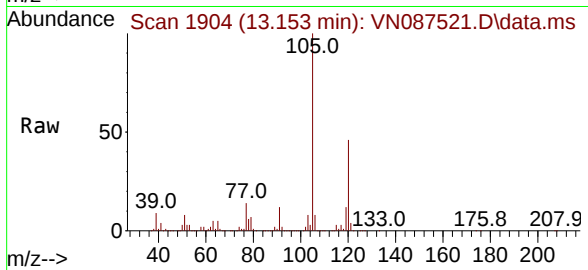
Tgt Ion: 91 Resp: 589561
Ion Ratio Lower Upper
91 100
126 31.0 16.9 50.6





#80
1,3,5-Trimethylbenzene
Concen: 51.167 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

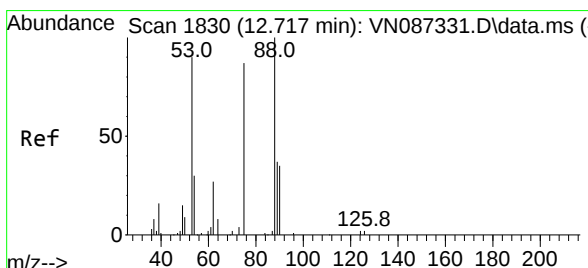
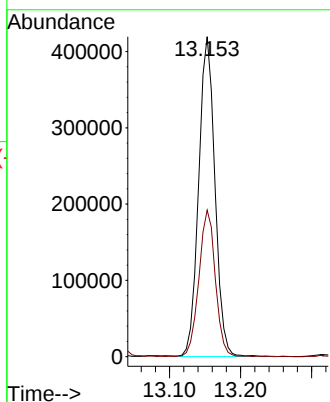
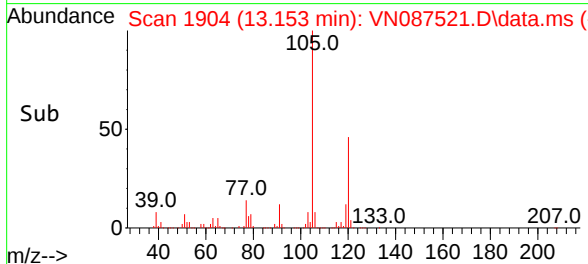
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion:105 Resp: 668040
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.8

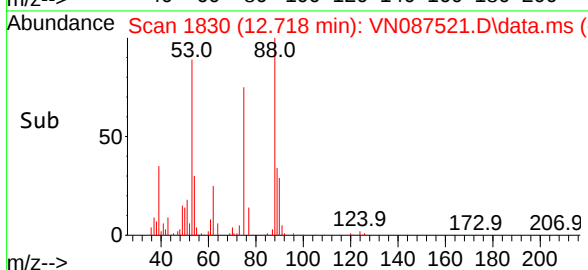
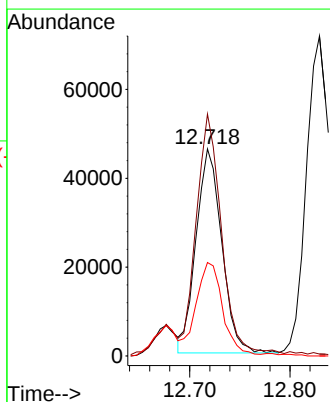
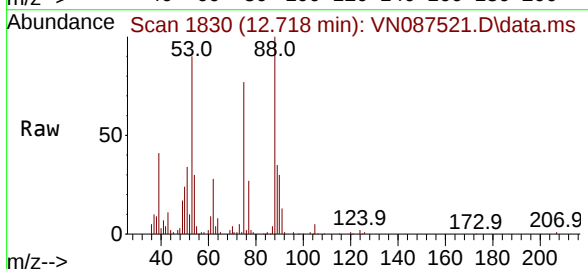
Manual Integrations
APPROVED

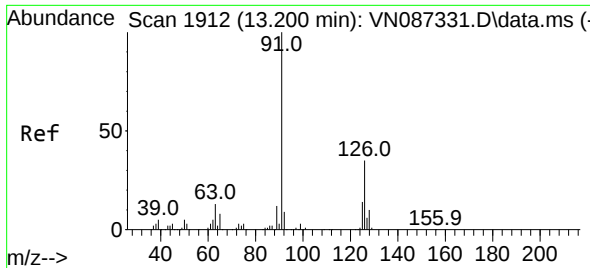
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 40.985 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 75 Resp: 81781
Ion Ratio Lower Upper
75 100
53 114.7 83.5 125.3
89 46.6 38.4 57.6





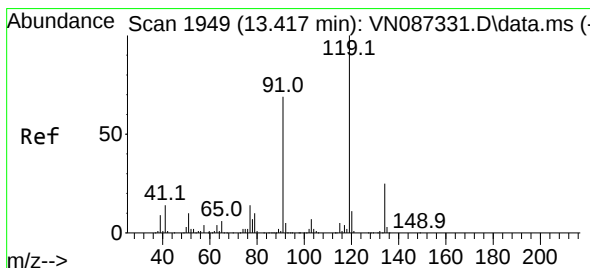
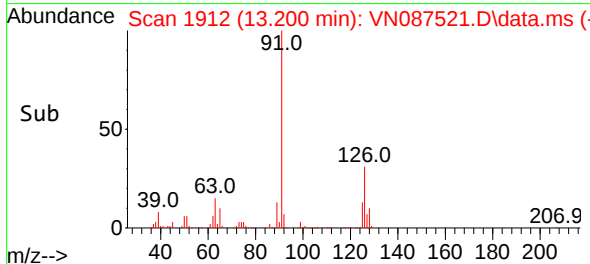
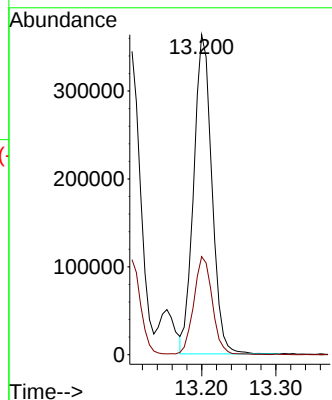
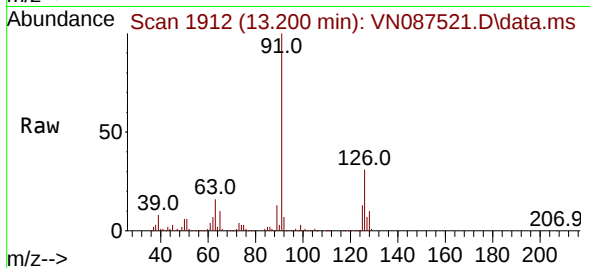
#82
4-Chlorotoluene
Concen: 49.957 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Tgt Ion: 91 Resp: 616280
Ion Ratio Lower Upper
91 100
126 31.4 16.6 49.7

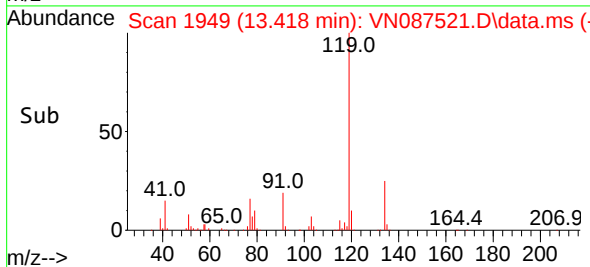
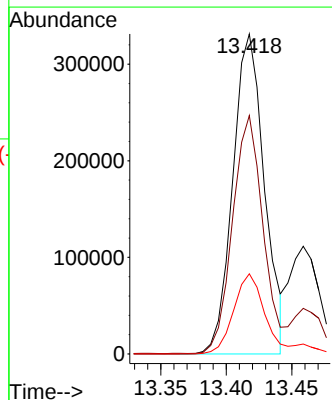
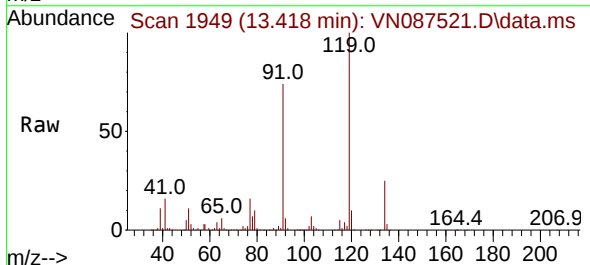
Manual Integrations
APPROVED

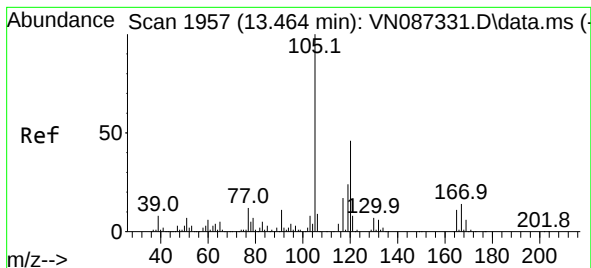
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#83
tert-Butylbenzene
Concen: 50.959 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:119 Resp: 555680
Ion Ratio Lower Upper
119 100
91 73.0 35.0 105.1
134 24.3 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 51.715 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MS

Tgt Ion:105 Resp: 68951

Ion Ratio Lower Upper

105 100

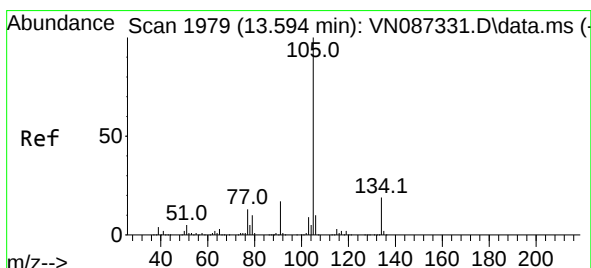
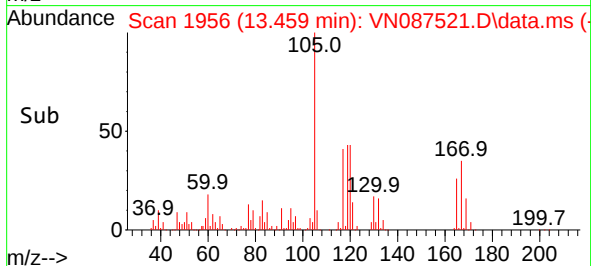
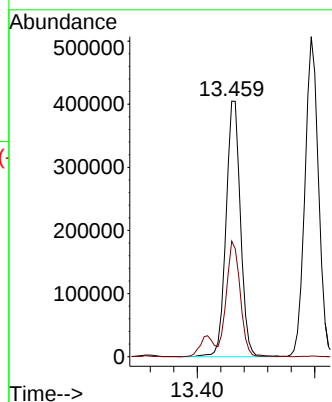
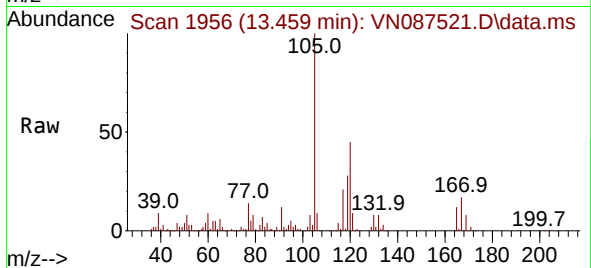
120 43.0 22.8 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#85

sec-Butylbenzene

Concen: 49.393 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087521.D

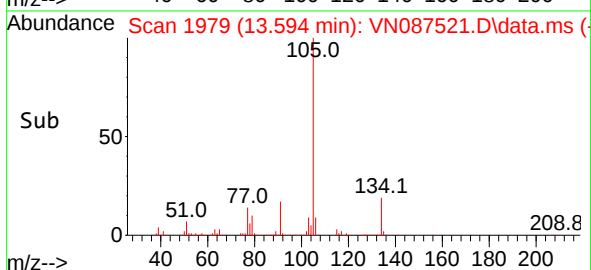
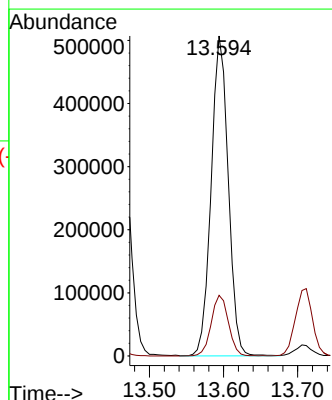
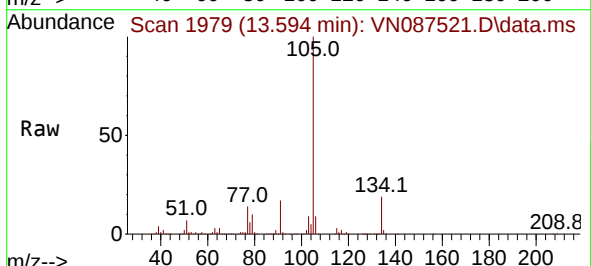
Acq: 12 Aug 2025 17:41

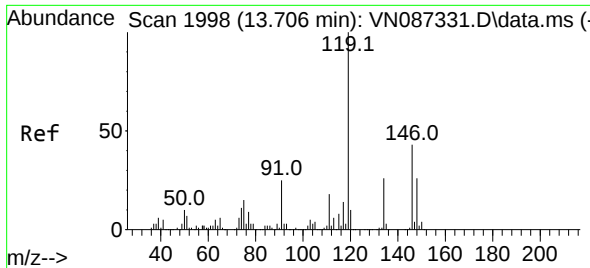
Tgt Ion:105 Resp: 811282

Ion Ratio Lower Upper

105 100

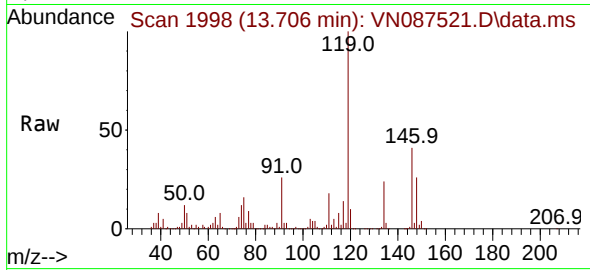
134 19.1 9.8 29.4





#86
p-Isopropyltoluene
Concen: 51.645 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

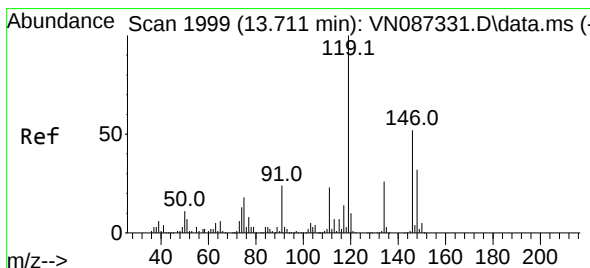
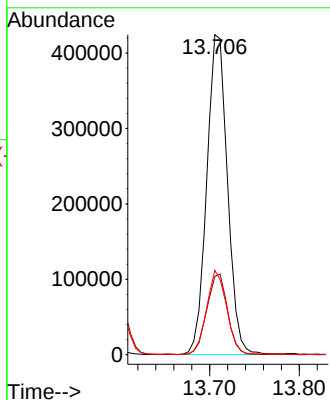
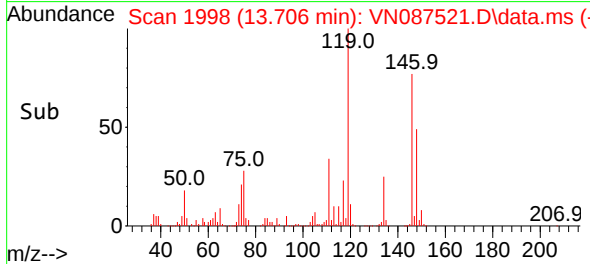
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



Tgt Ion:119 Resp: 679809
Ion Ratio Lower Upper
119 100
134 25.2 13.5 40.5
91 25.4 12.2 36.6

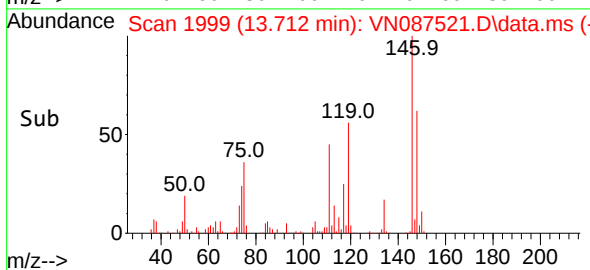
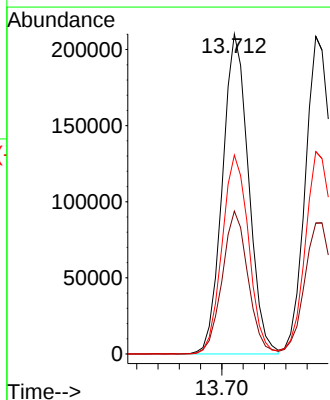
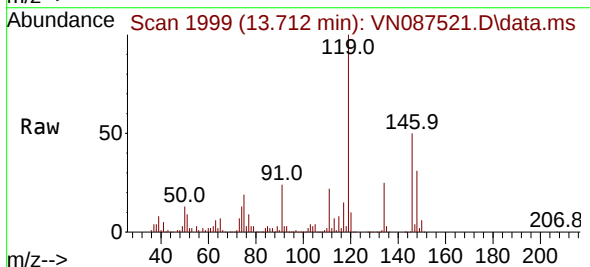
Manual Integrations
APPROVED

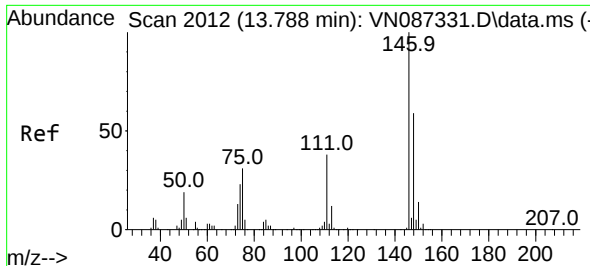
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#87
1,3-Dichlorobenzene
Concen: 45.929 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

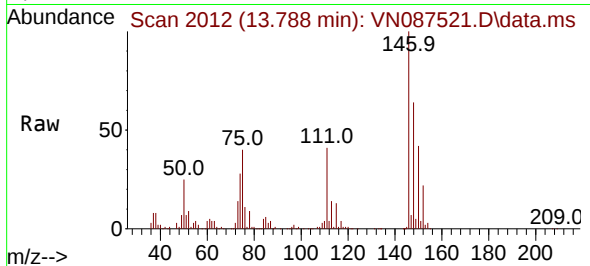
Tgt Ion:146 Resp: 358227
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.3
148 63.0 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 43.798 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

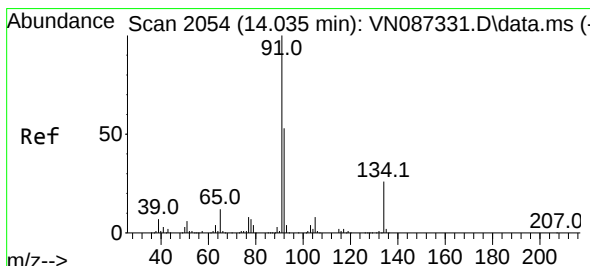
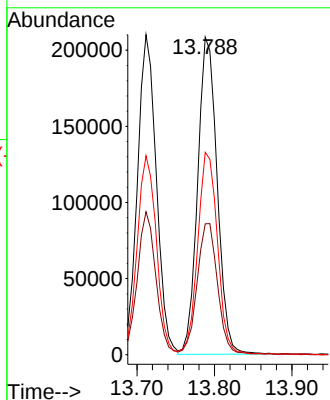
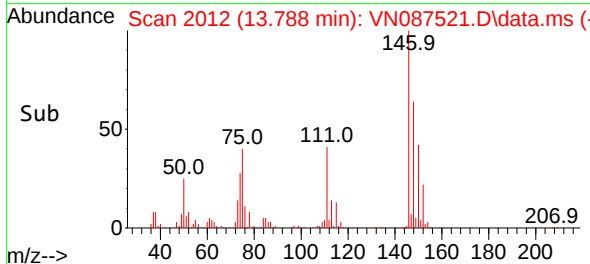
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



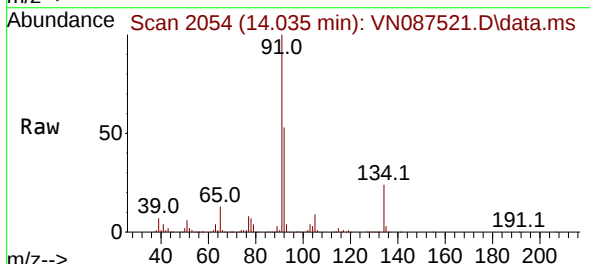
Tgt Ion:146 Resp: 364849
Ion Ratio Lower Upper
146 100
111 43.4 19.6 58.7
148 64.3 31.4 94.0

Manual Integrations
APPROVED

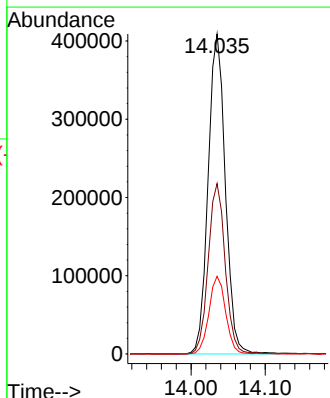
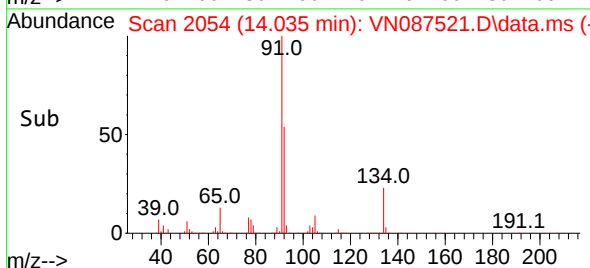
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

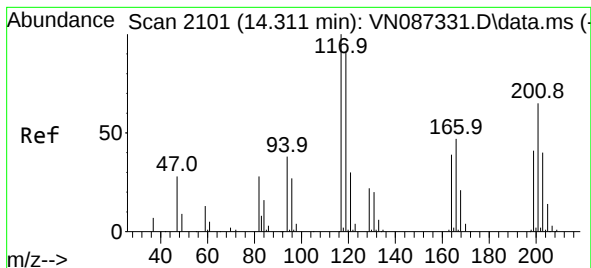


#89
n-Butylbenzene
Concen: 52.418 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



Tgt Ion: 91 Resp: 658845
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 23.7 12.4 37.2





#90

Hexachloroethane

Concen: 46.098 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

Instrument :

MSVOA_N

ClientSampleId :

1056-MW-02(23.8)MS

Tgt Ion:117 Resp: 128564

Ion Ratio Lower Upper

117 100

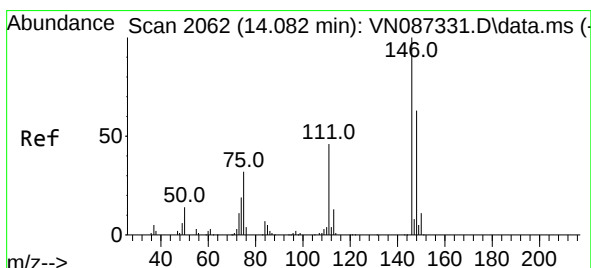
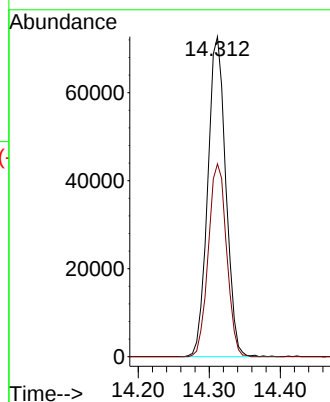
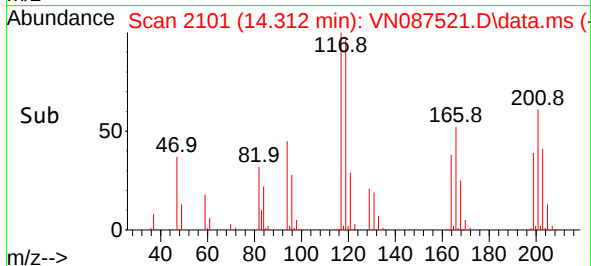
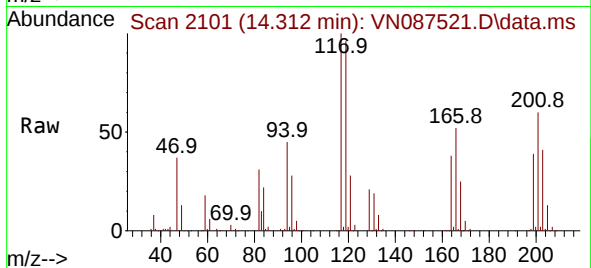
201 60.8 32.8 98.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#91

1,2-Dichlorobenzene

Concen: 46.887 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087521.D

Acq: 12 Aug 2025 17:41

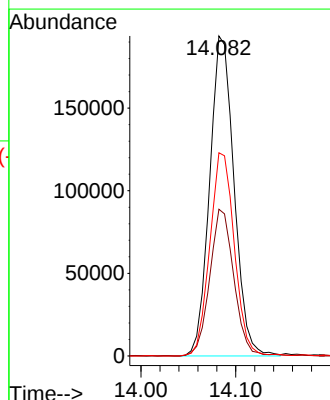
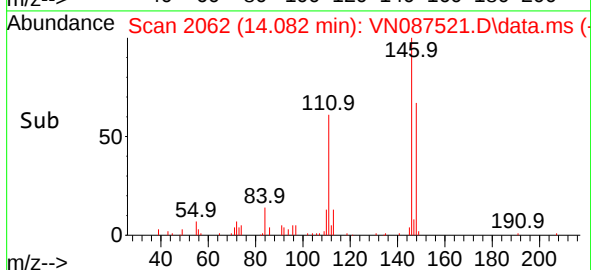
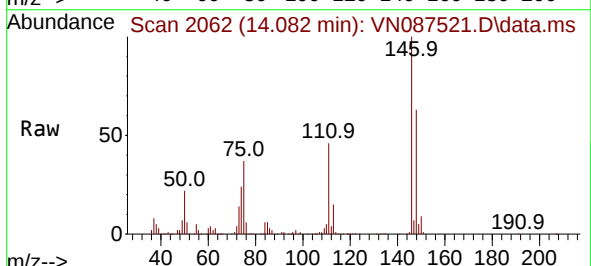
Tgt Ion:146 Resp: 346446

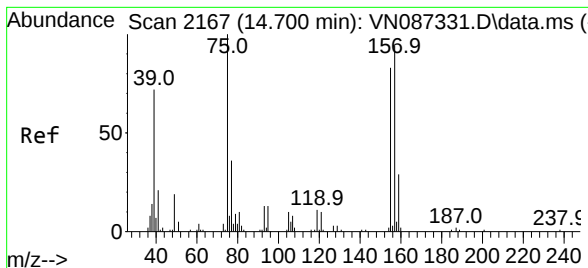
Ion Ratio Lower Upper

146 100

111 45.4 22.0 66.0

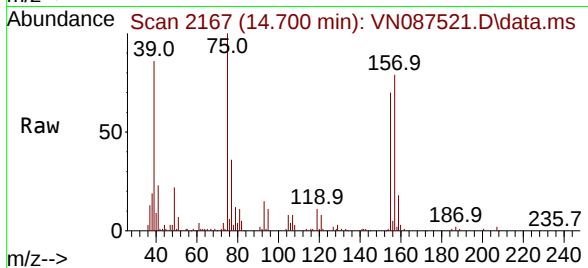
148 64.0 32.7 98.1





#92
1,2-Dibromo-3-Chloropropane
Concen: 43.976 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

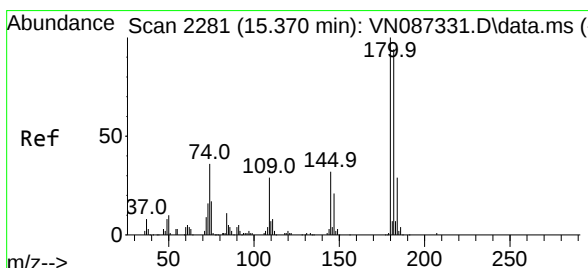
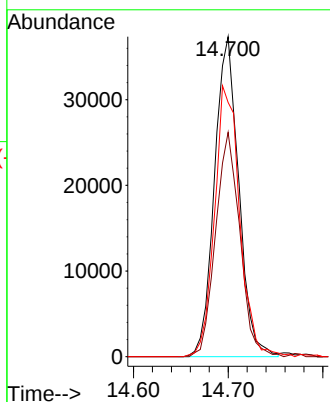
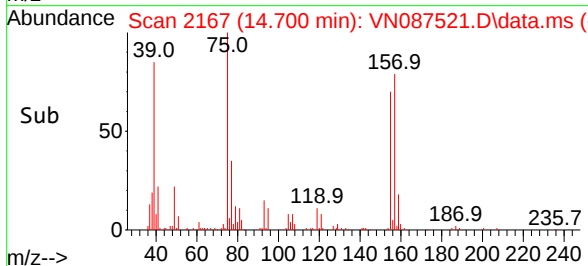
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



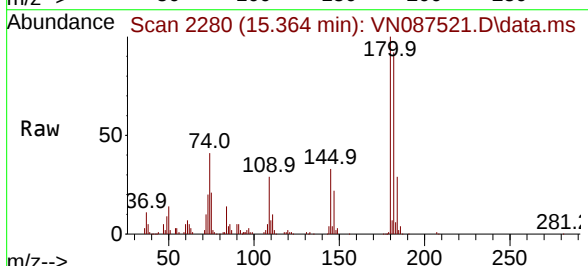
Tgt Ion: 75 Resp: 6657
Ion Ratio Lower Upper
75 100
155 69.9 37.3 111.8
157 87.6 46.2 138.6

Manual Integrations
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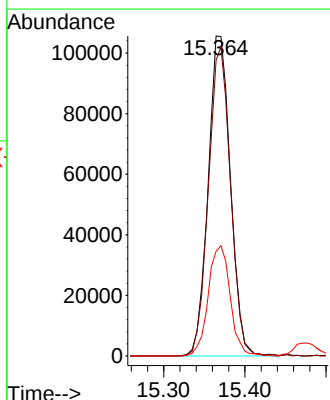
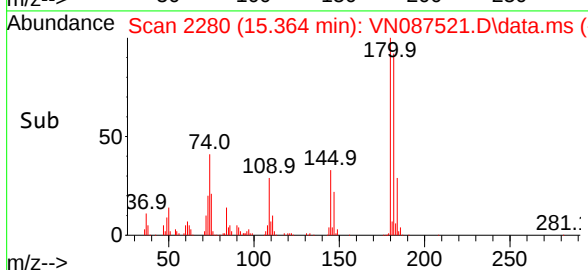
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

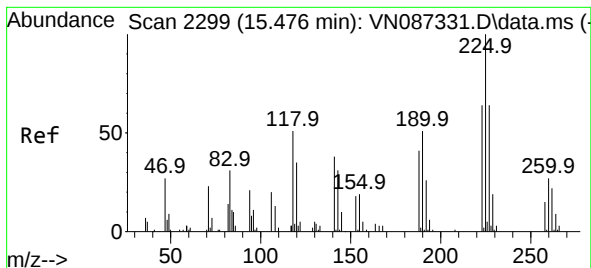


#93
1,2,4-Trichlorobenzene
Concen: 46.423 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



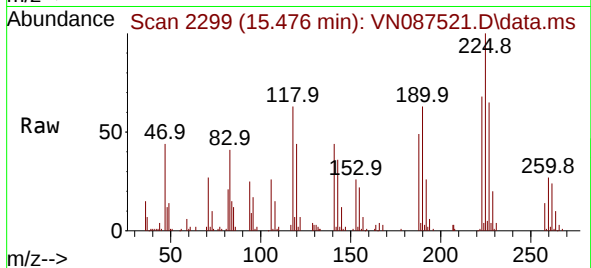
Tgt Ion:180 Resp: 201492
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 33.9 15.4 46.4





#94
Hexachlorobutadiene
Concen: 43.819 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

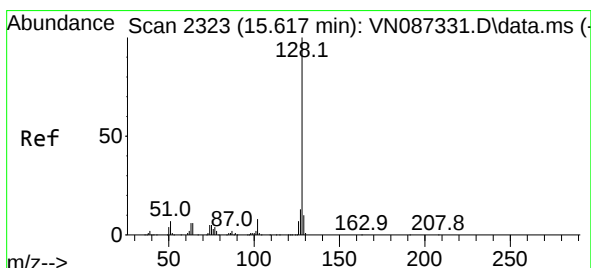
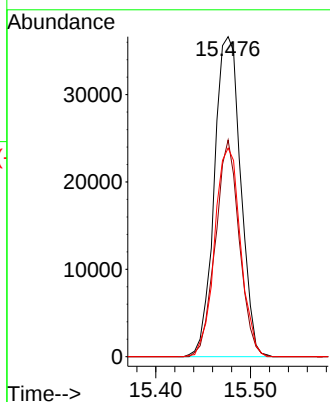
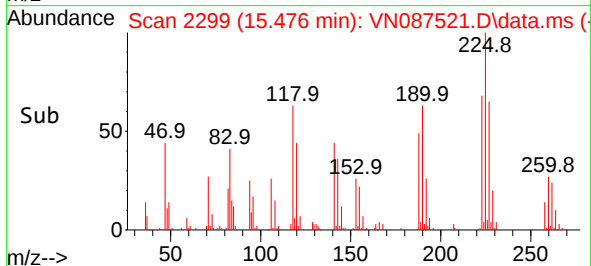
Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS



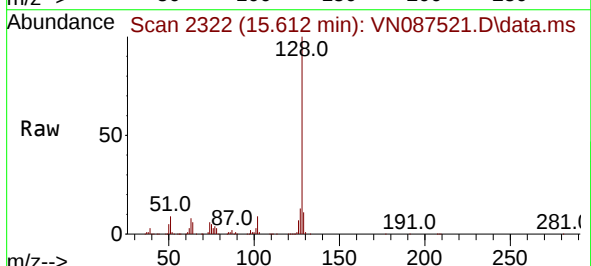
Tgt Ion:225 Resp: 70670
Ion Ratio Lower Upper
225 100
223 61.5 32.1 96.3
227 64.1 31.3 93.9

Manual Integrations
APPROVED

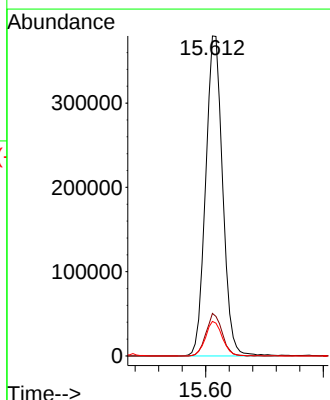
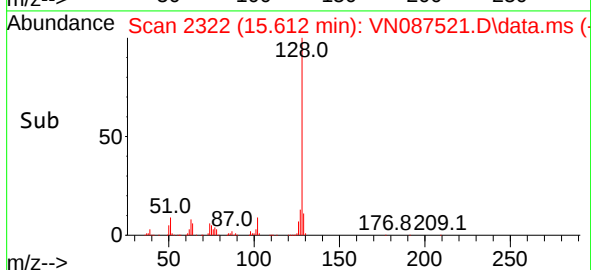
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

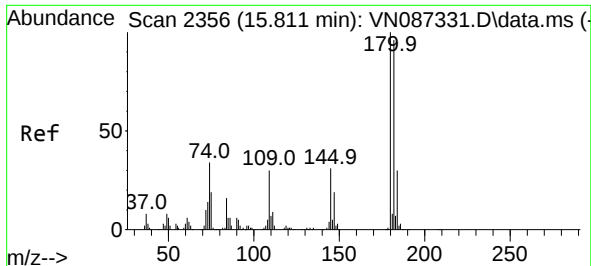


#95
Naphthalene
Concen: 49.527 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41



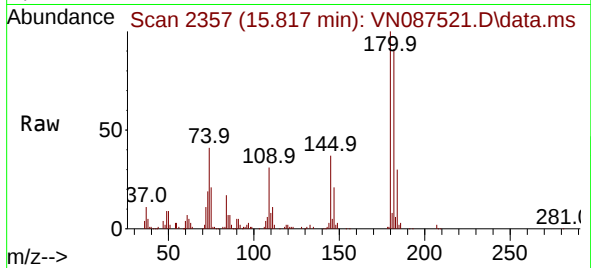
Tgt Ion:128 Resp: 761537
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.7 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 44.698 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087521.D
 Acq: 12 Aug 2025 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 1056-MW-02(23.8)MS



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.4
145	37.5	16.9	50.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

