

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087556.D
 Acq On : 14 Aug 2025 11:41
 Operator : JC\MD
 Sample : VN0814WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 14 15:23:56 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

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	252284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	487917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	437708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	246699	57.630	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.260%			
35) Dibromofluoromethane	8.153	113	166955	49.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.220%			
50) Toluene-d8	10.547	98	596696	49.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.829	95	220136	49.630	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.148	85	63905	23.849	ug/l	87
3) Chloromethane	2.383	50	65170	19.340	ug/l	96
4) Vinyl Chloride	2.536	62	73453	21.935	ug/l	99
5) Bromomethane	2.977	94	40866	23.566	ug/l	100
6) Chloroethane	3.136	64	49704	22.760	ug/l	100
7) Trichlorofluoromethane	3.512	101	108500	21.912	ug/l	98
8) Diethyl Ether	3.965	74	46948	24.442	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	58929	23.183	ug/l	96
10) Methyl Iodide	4.583	142	36002	17.848	ug/l #	83
11) Tert butyl alcohol	5.530	59	92884	114.274	ug/l	99
12) 1,1-Dichloroethene	4.342	96	57516	19.968	ug/l	87
13) Acrolein	4.171	56	56551	86.694	ug/l	95
14) Allyl chloride	5.006	41	106184	20.369	ug/l	91
15) Acrylonitrile	5.712	53	231861	105.121	ug/l	99
16) Acetone	4.424	43	227976	113.584	ug/l	98
17) Carbon Disulfide	4.700	76	157794	18.477	ug/l	95
18) Methyl Acetate	5.018	43	126314	25.049	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	248419	23.398	ug/l	99
20) Methylene Chloride	5.265	84	73034	21.156	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	64356	19.815	ug/l	94
22) Diisopropyl ether	6.665	45	253672	23.199	ug/l	99
23) Vinyl Acetate	6.594	43	1151450	120.402	ug/l	100
24) 1,1-Dichloroethane	6.553	63	134286	21.287	ug/l	97
25) 2-Butanone	7.471	43	336805	108.606	ug/l	95
26) 2,2-Dichloropropane	7.471	77	111133	22.659	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	76831	20.547	ug/l	92
28) Bromochloromethane	7.800	49	74199	24.576	ug/l	92
29) Tetrahydrofuran	7.830	42	222501	110.444	ug/l	97
30) Chloroform	7.947	83	140845	22.306	ug/l	94
31) Cyclohexane	8.241	56	116756	22.186	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	117425	21.471	ug/l	93
36) 1,1-Dichloropropene	8.353	75	90310	20.310	ug/l	99
37) Ethyl Acetate	7.553	43	134427	20.932	ug/l	97
38) Carbon Tetrachloride	8.347	117	94085	19.208	ug/l	94
39) Methylcyclohexane	9.582	83	104026	21.609	ug/l	98
40) Benzene	8.594	78	284206	19.776	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72000	21.442	ug/l	97
42) 1,2-Dichloroethane	8.653	62	118504	21.744	ug/l	99
43) Isopropyl Acetate	8.677	43	212790	21.345	ug/l	99
44) Trichloroethene	9.335	130	64050	18.862	ug/l	86
45) 1,2-Dichloropropane	9.606	63	75055	20.554	ug/l	94
46) Dibromomethane	9.694	93	54931	20.091	ug/l	95
47) Bromodichloromethane	9.871	83	111413	20.231	ug/l	100
48) Methyl methacrylate	9.665	41	100409	22.373	ug/l	91
49) 1,4-Dioxane	9.682	88	29767	433.049	ug/l #	95
51) 4-Methyl-2-Pentanone	10.430	43	668260	105.985	ug/l	97
52) Toluene	10.612	92	175852	20.131	ug/l	94
53) t-1,3-Dichloropropene	10.818	75	119448	21.432	ug/l	98
54) cis-1,3-Dichloropropene	10.300	75	119589	20.772	ug/l	92
55) 1,1,2-Trichloroethane	11.000	97	74879	21.173	ug/l	96
56) Ethyl methacrylate	10.859	69	119671	20.895	ug/l	94
57) 1,3-Dichloropropane	11.147	76	127196	20.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	328347	113.182	ug/l	98
59) 2-Hexanone	11.182	43	436445	104.331	ug/l	99
60) Dibromochloromethane	11.341	129	78024	19.346	ug/l	98
61) 1,2-Dibromoethane	11.453	107	73686	19.816	ug/l	98
64) Tetrachloroethene	11.088	164	52129	18.504	ug/l	92
65) Chlorobenzene	11.871	112	187618	19.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	66734	19.971	ug/l	100
67) Ethyl Benzene	11.947	91	339806	21.005	ug/l	100
68) m/p-Xylenes	12.053	106	248525	41.025	ug/l	94
69) o-Xylene	12.376	106	121878	21.062	ug/l	93
70) Styrene	12.394	104	205687	21.130	ug/l	96
71) Bromoform	12.565	173	48581	17.996	ug/l #	100
73) Isopropylbenzene	12.676	105	319331	23.122	ug/l	96
74) N-amyl acetate	12.529	43	102993m	17.949	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	118317	22.768	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	101293m	20.586	ug/l	
77) Bromobenzene	12.965	156	72136	20.140	ug/l	90
78) n-propylbenzene	13.018	91	395792	22.778	ug/l	98
79) 2-Chlorotoluene	13.106	91	234478	21.957	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	268028	22.778	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.723	75	31620	17.583	ug/l	90
82) 4-Chlorotoluene	13.200	91	244155	21.960	ug/l	97
83) tert-Butylbenzene	13.418	119	238209	24.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.465	105	275667	22.941	ug/l	97
85) sec-Butylbenzene	13.594	105	347328	23.463	ug/l	98
86) p-Isopropyltoluene	13.712	119	277942	23.429	ug/l	97
87) 1,3-Dichlorobenzene	13.718	146	143695	20.442	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	146684	19.538	ug/l	96
89) n-Butylbenzene	14.035	91	284341	25.101	ug/l	97
90) Hexachloroethane	14.312	117	50252	19.992	ug/l	93
91) 1,2-Dichlorobenzene	14.088	146	139190	20.901	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.706	75	26304	19.279	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	83368	21.312	ug/l	97
94) Hexachlorobutadiene	15.476	225	33388	22.970	ug/l	98
95) Naphthalene	15.617	128	306591	22.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	79522	20.266	ug/l	97

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Response via : Initial Calibration

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

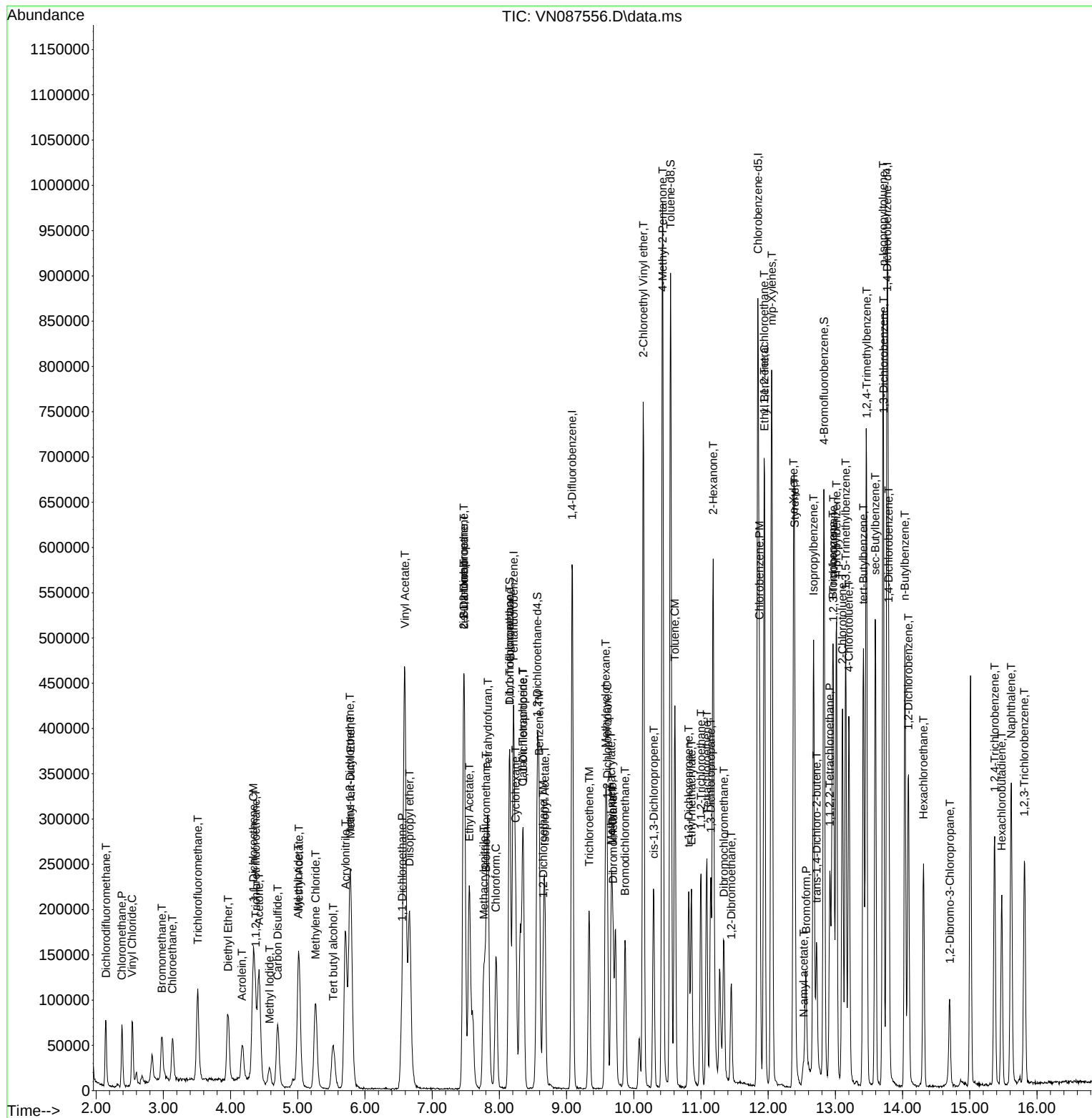
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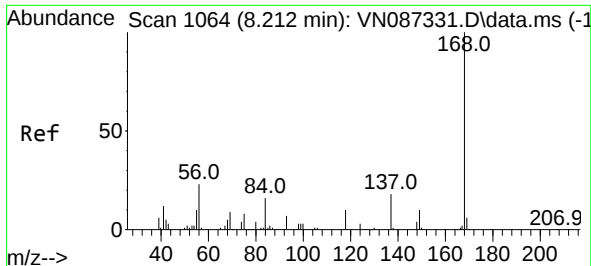
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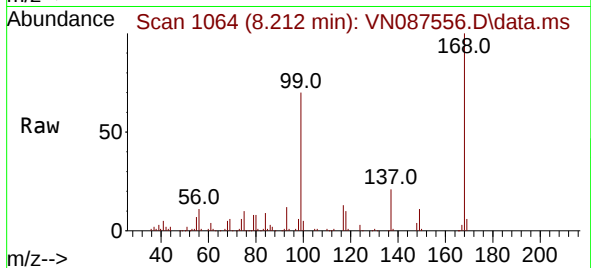
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087556.D
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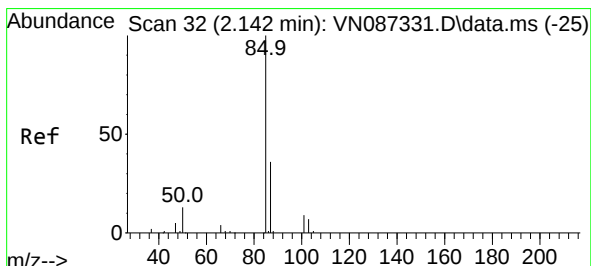
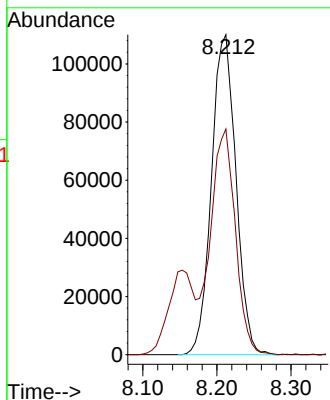
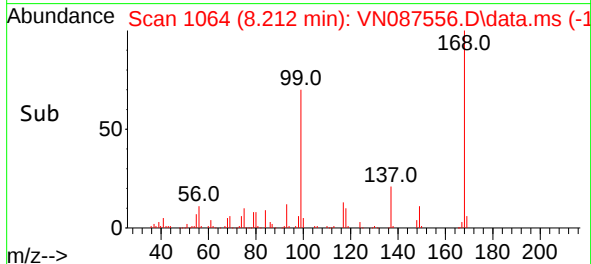
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Tgt Ion:168 Resp: 252284
Ion Ratio Lower Upper
168 100
99 70.5 47.9 71.9

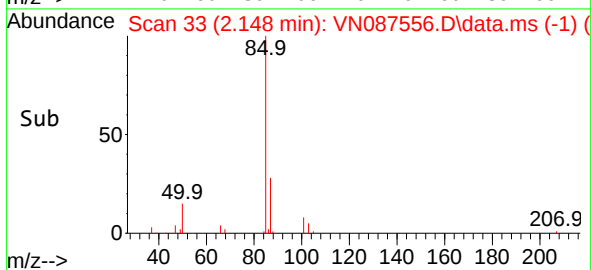
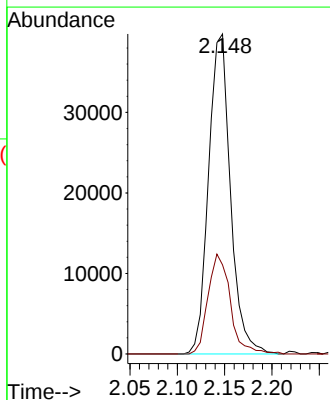
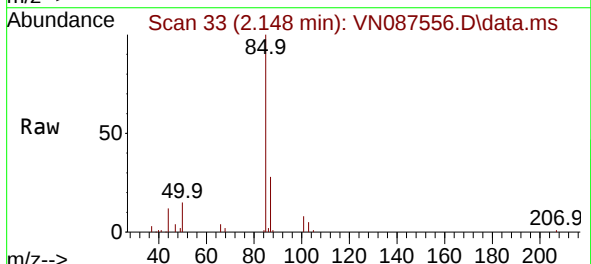
Manual Integrations
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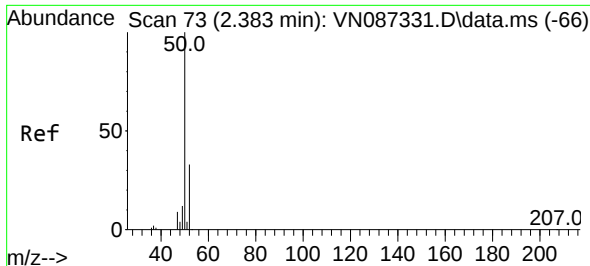
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 23.849 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

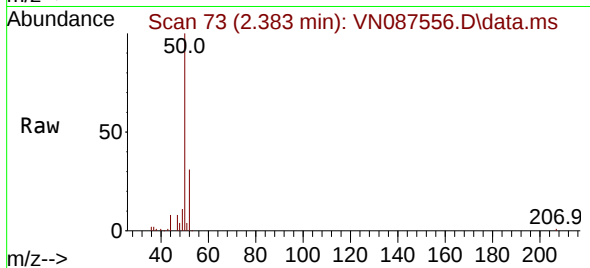
Tgt Ion: 85 Resp: 63905
Ion Ratio Lower Upper
85 100
87 27.9 17.8 53.3





#3
Chloromethane
Concen: 19.340 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

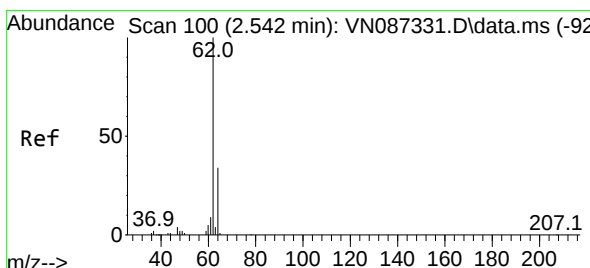
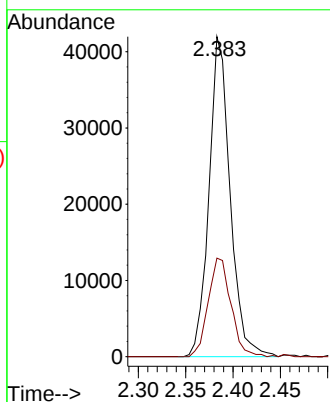
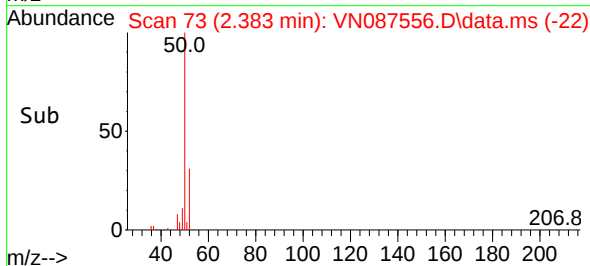
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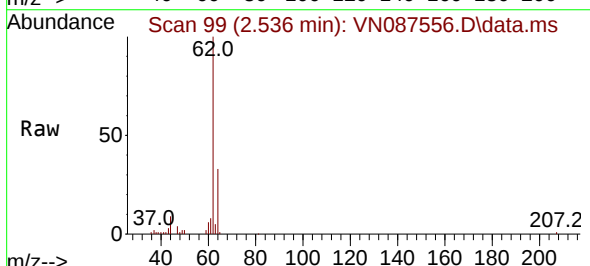
Tgt Ion: 50 Resp: 65170
Ion Ratio Lower Upper
50 100
52 30.8 26.3 39.5

Manual Integrations
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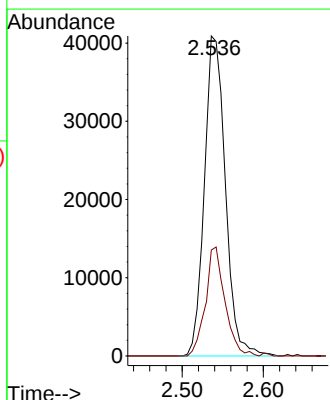
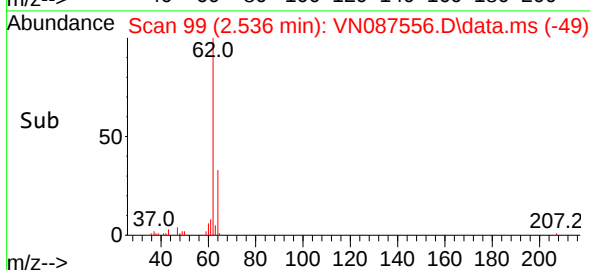
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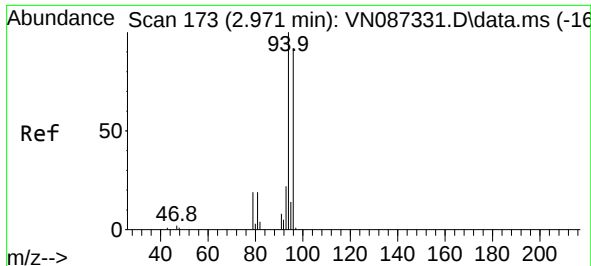


#4
Vinyl Chloride
Concen: 21.935 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



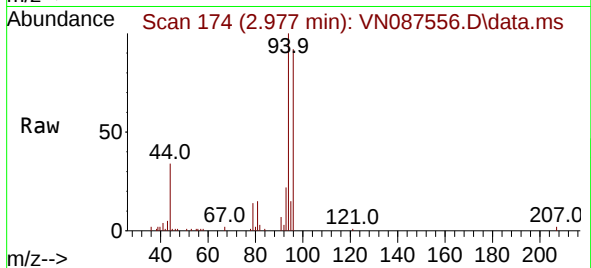
Tgt Ion: 62 Resp: 73453
Ion Ratio Lower Upper
62 100
64 33.1 27.0 40.6





#5
Bromomethane
Concen: 23.566 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

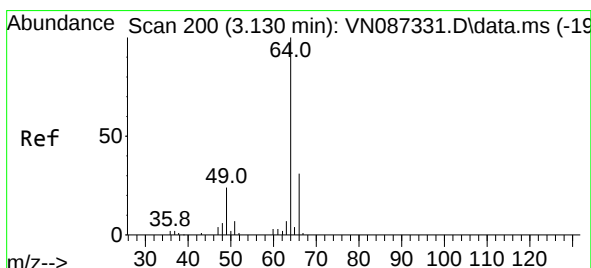
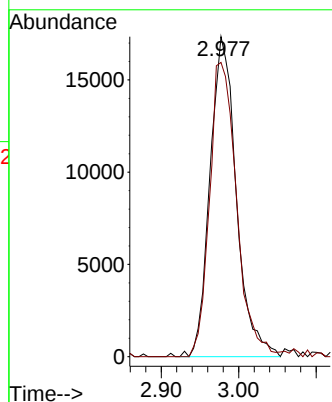
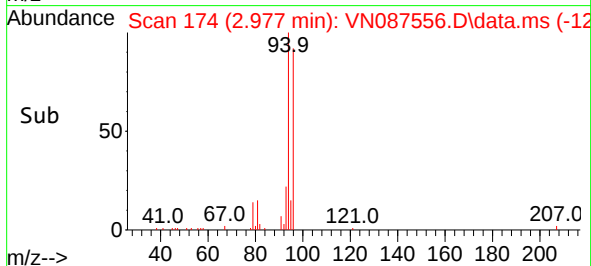
Instrument :
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Tgt Ion: 94 Resp: 4086
Ion Ratio Lower Upper
94 100
96 91.9 73.4 110.2

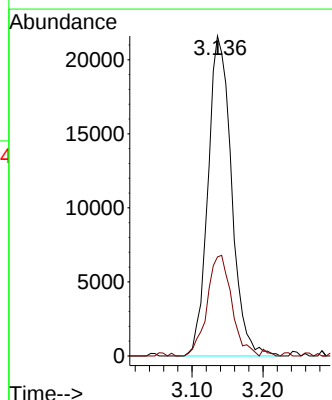
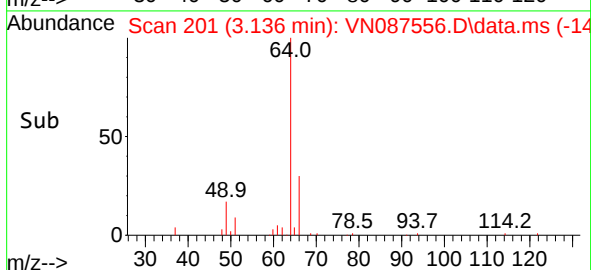
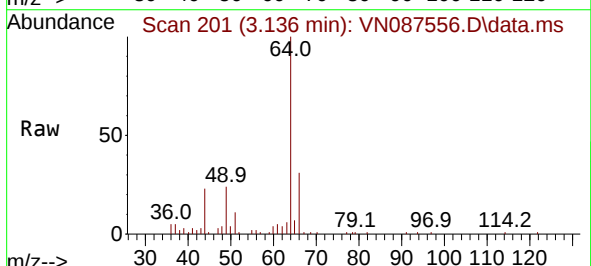
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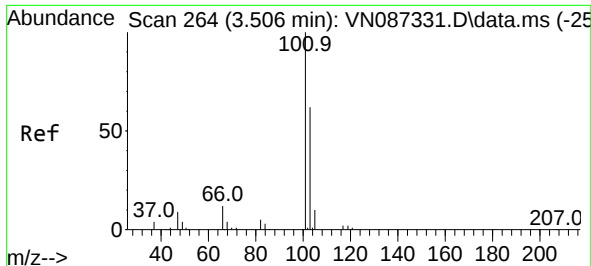
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 22.760 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087556.D
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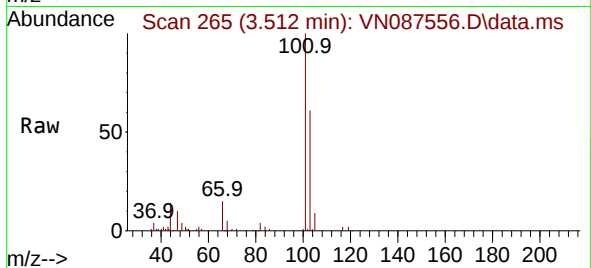
Tgt Ion: 64 Resp: 49704
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 21.912 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

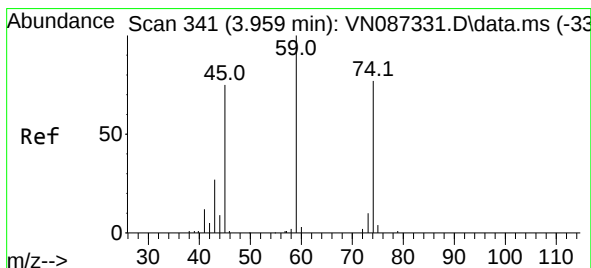
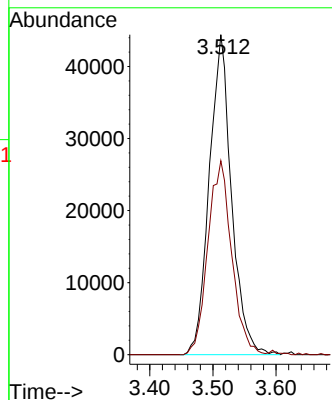
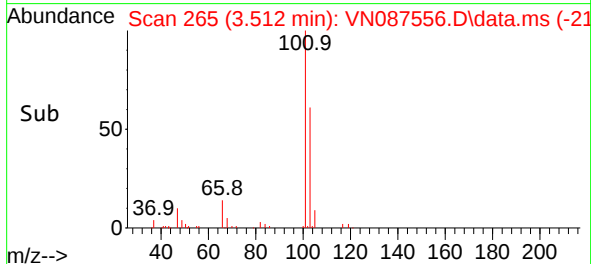
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Tgt Ion:101 Resp: 108500
Ion Ratio Lower Upper
101 100
103 60.6 49.8 74.6

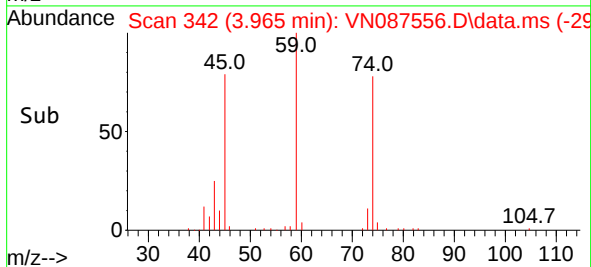
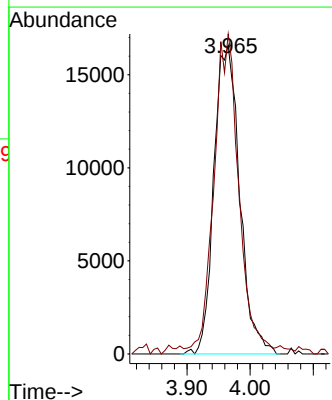
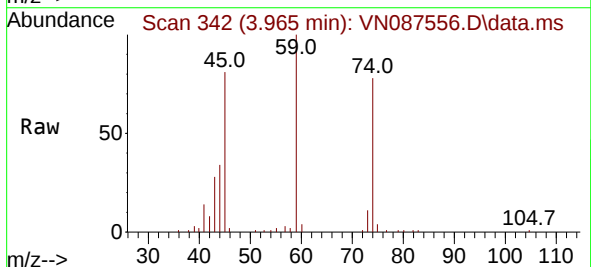
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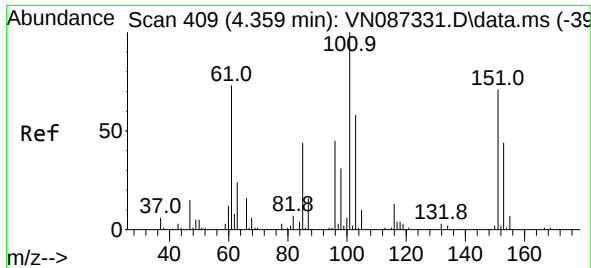
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#8
Diethyl Ether
Concen: 24.442 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion: 74 Resp: 46948
Ion Ratio Lower Upper
74 100
45 95.8 50.8 152.5





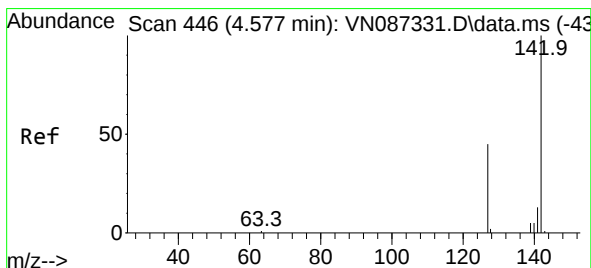
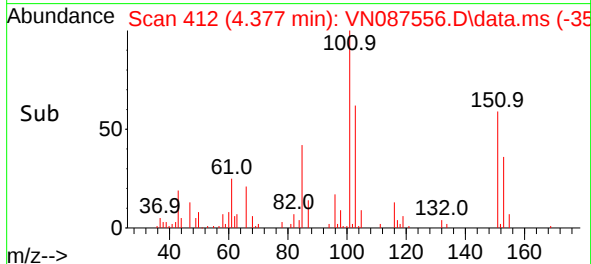
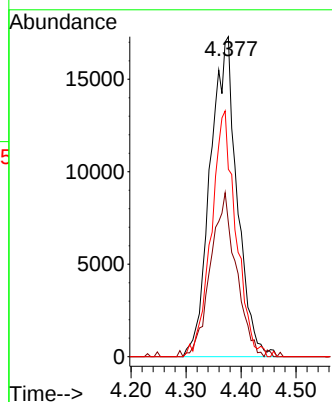
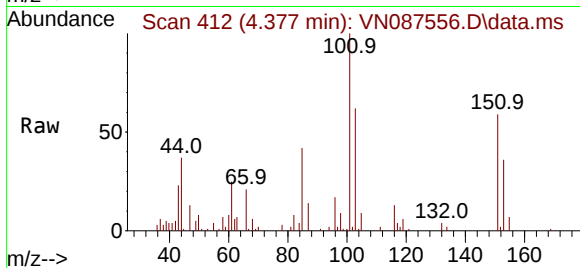
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.183 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion:101 Resp: 58929
Ion Ratio Lower Upper
101 100
85 48.6 37.3 55.9
151 70.3 58.9 88.3

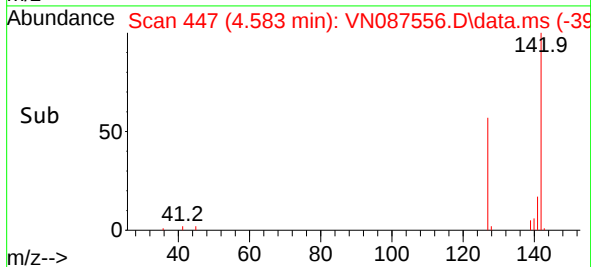
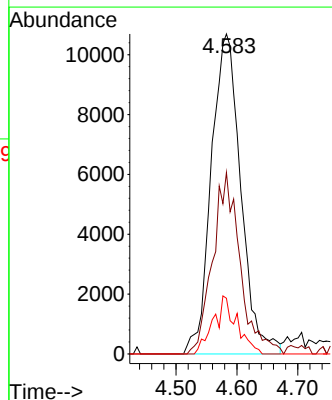
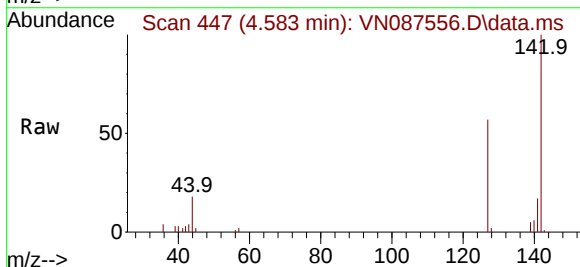
Manual Integrations
APPROVED

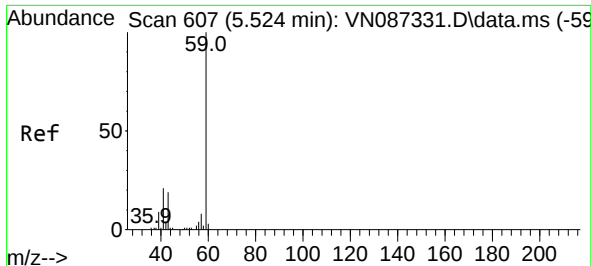
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 17.848 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion:142 Resp: 36002
Ion Ratio Lower Upper
142 100
127 56.7 35.7 53.5#
141 17.4 10.4 15.6#





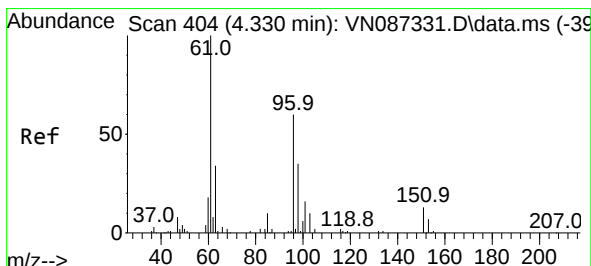
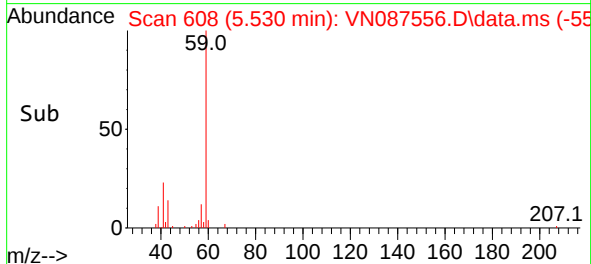
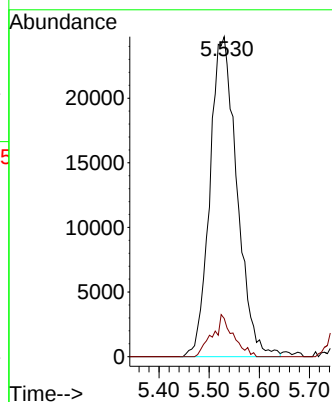
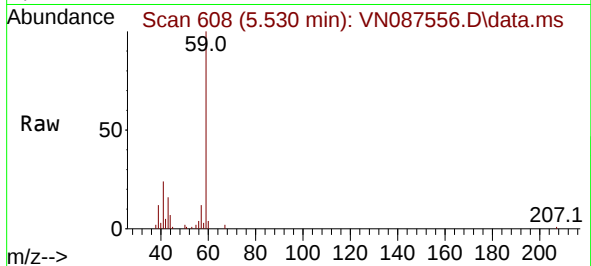
#11
Tert butyl alcohol
Concen: 114.274 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 59 Resp: 92884
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

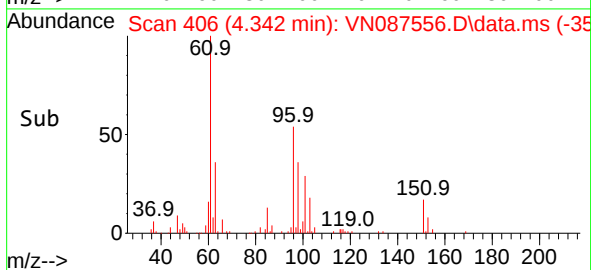
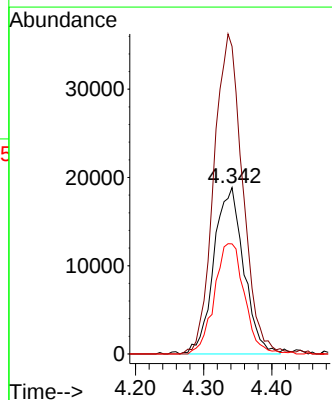
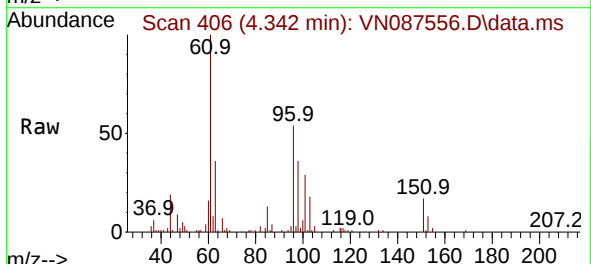
Manual Integrations
APPROVED

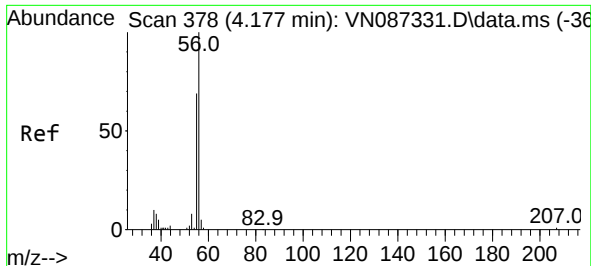
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 19.968 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

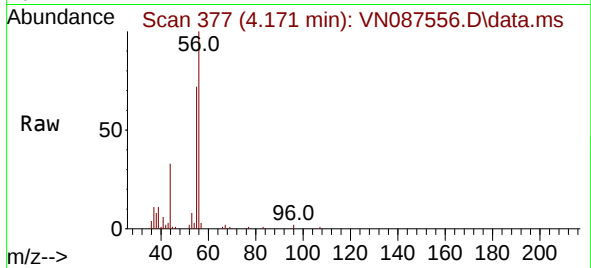
Tgt Ion: 96 Resp: 57516
Ion Ratio Lower Upper
96 100
61 184.7 132.3 198.5
98 66.1 46.8 70.2





#13
Acrolein
Concen: 86.694 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

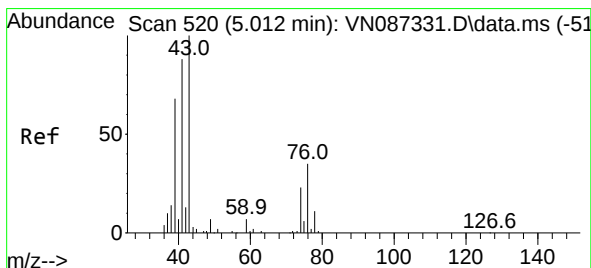
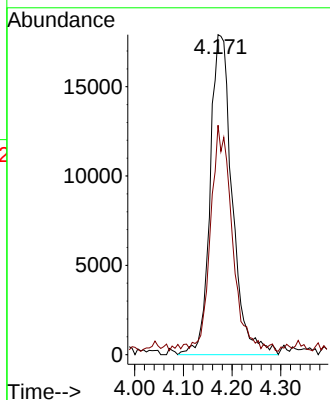
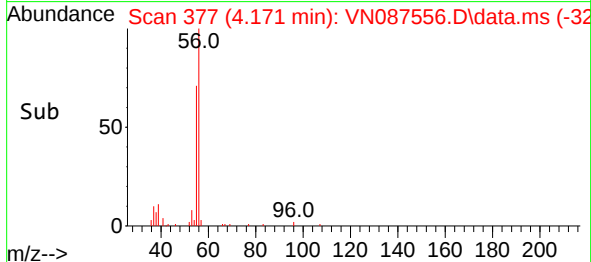
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 56 Resp: 5655
Ion Ratio Lower Upper
56 100
55 66.3 56.2 84.4

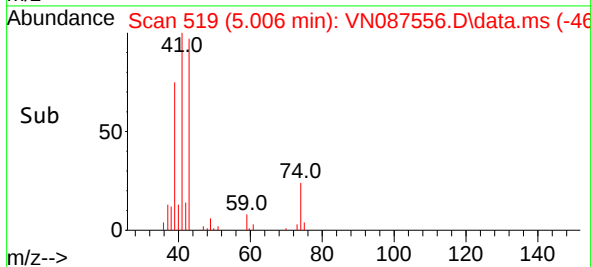
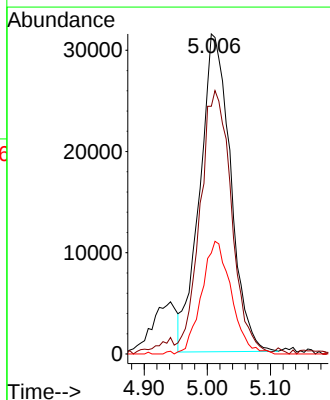
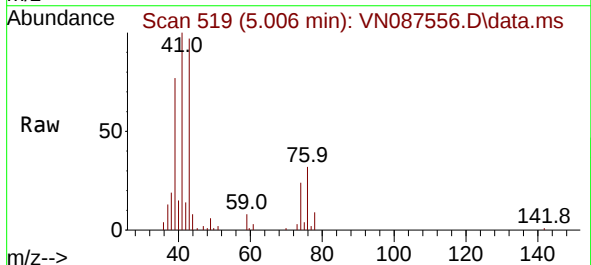
Manual Integrations
APPROVED

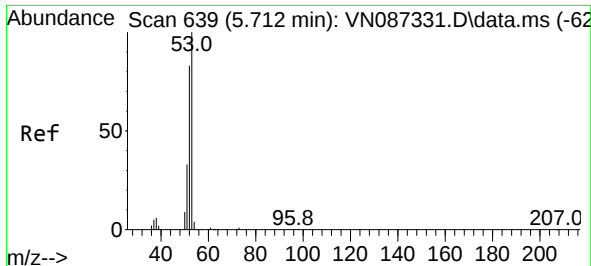
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 20.369 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

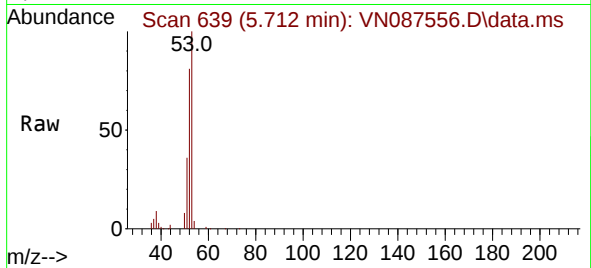
Tgt Ion: 41 Resp: 106184
Ion Ratio Lower Upper
41 100
39 83.8 59.0 88.6
76 34.1 28.7 43.1





#15
Acrylonitrile
Concen: 105.121 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

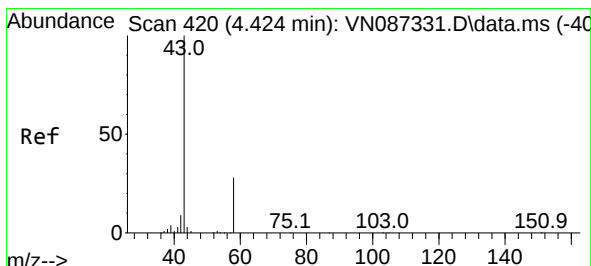
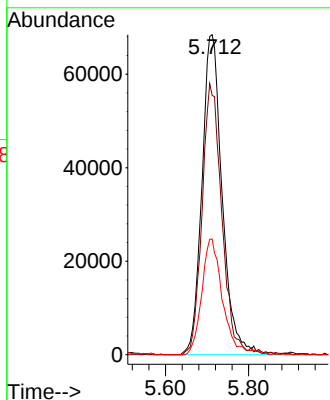
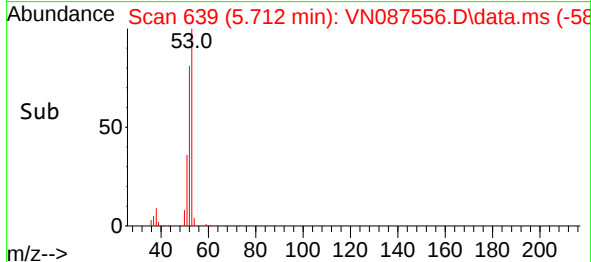
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 53 Resp: 23186
Ion Ratio Lower Upper
53 100
52 81.6 65.5 98.3
51 37.2 28.7 43.1

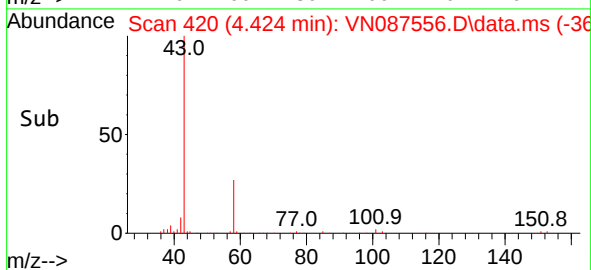
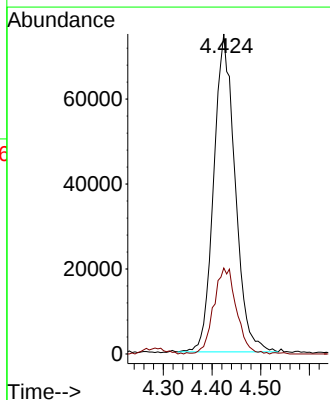
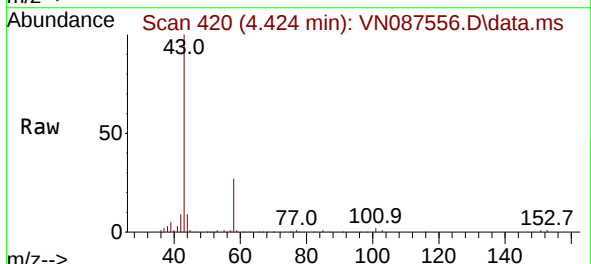
Manual Integrations
APPROVED

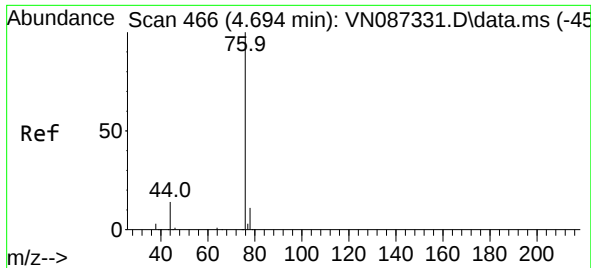
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 113.584 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion: 43 Resp: 227976
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





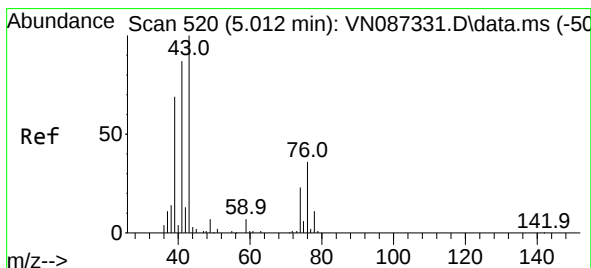
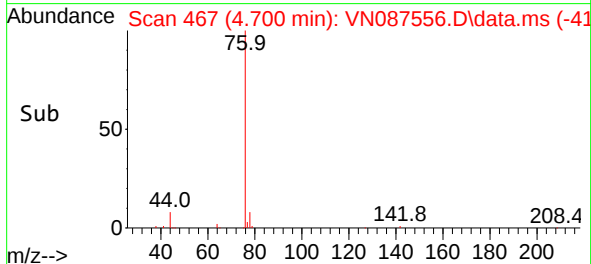
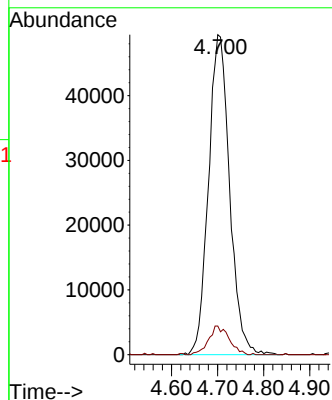
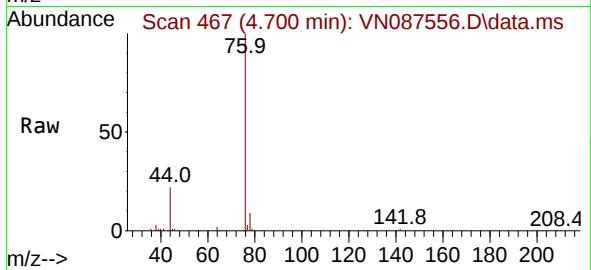
#17
Carbon Disulfide
Concen: 18.477 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 76 Resp: 157794
Ion Ratio Lower Upper
76 100
78 9.0 8.6 13.0

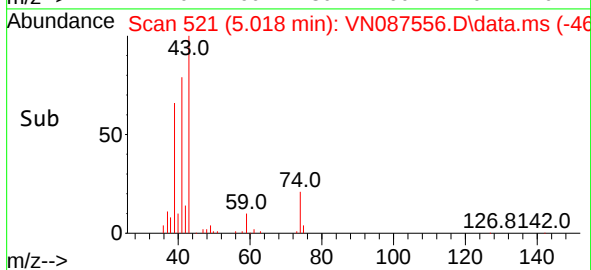
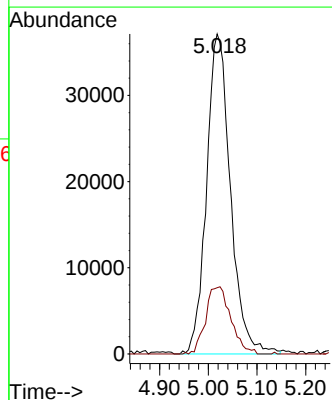
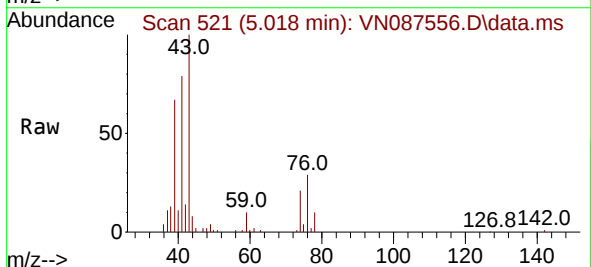
Manual Integrations
APPROVED

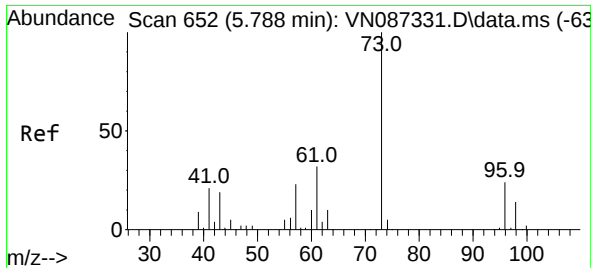
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 25.049 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

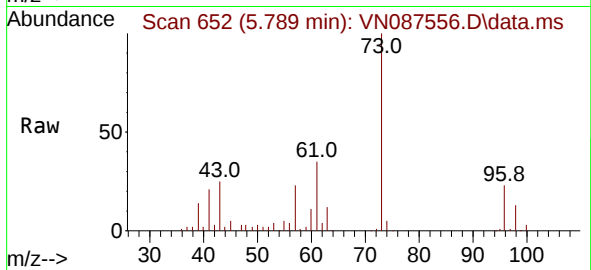
Tgt Ion: 43 Resp: 126314
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 23.398 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

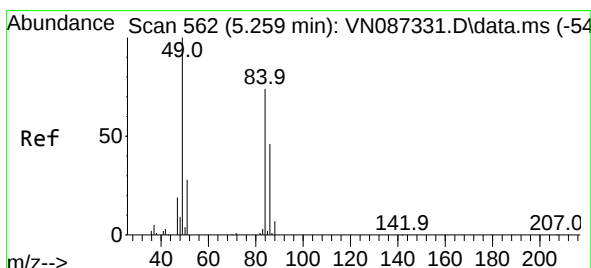
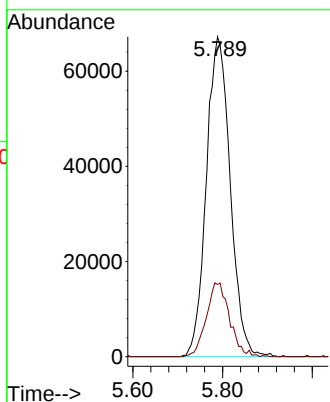
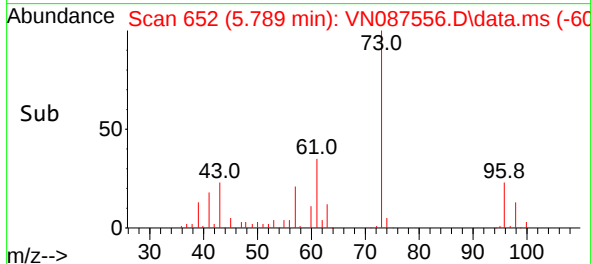
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 73 Resp: 248419
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8

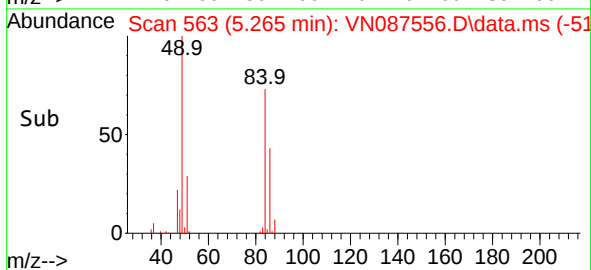
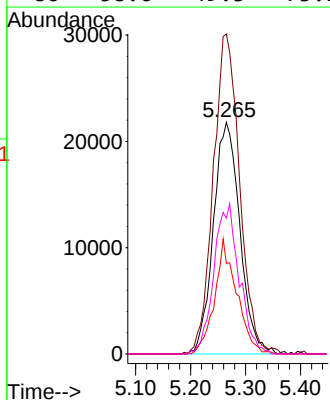
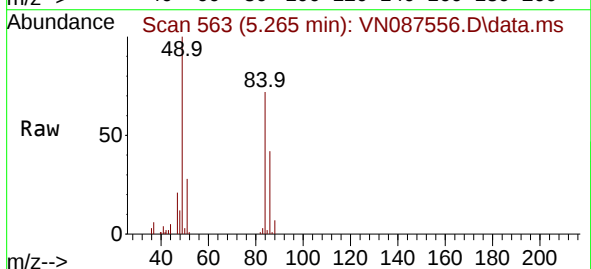
Manual Integrations
APPROVED

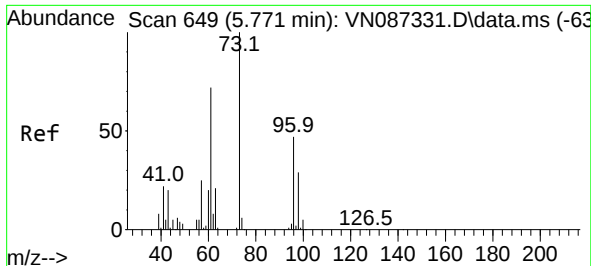
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 21.156 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion: 84 Resp: 73034
Ion Ratio Lower Upper
84 100
49 138.1 107.5 161.3
51 39.2 30.2 45.2
86 58.6 49.3 73.9





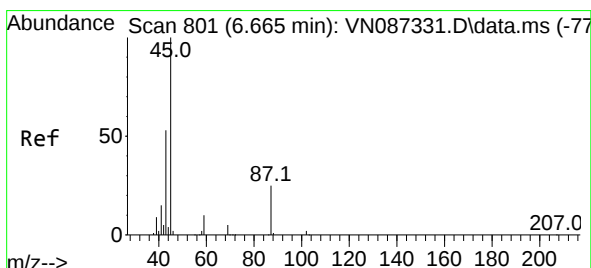
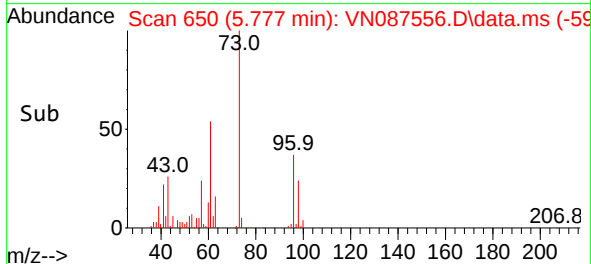
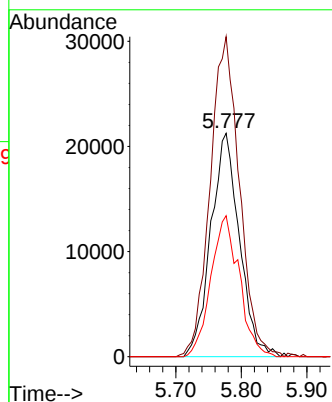
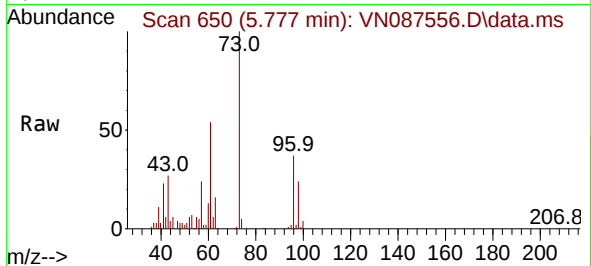
#21
trans-1,2-Dichloroethene
Concen: 19.815 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 96 Resp: 64350
Ion Ratio Lower Upper
96 100
61 142.4 122.0 183.0
98 63.1 50.0 75.0

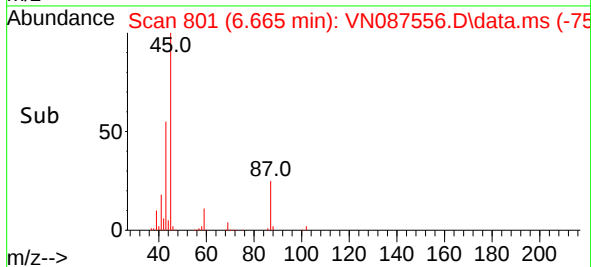
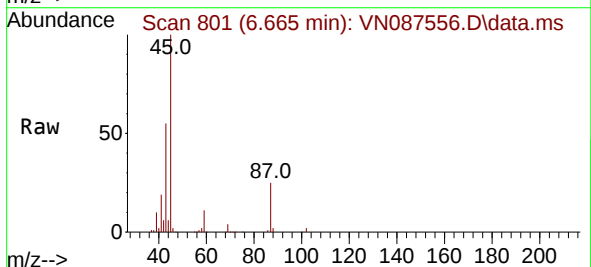
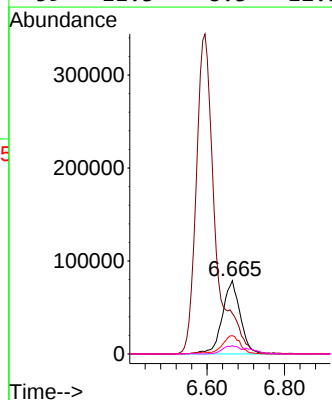
Manual Integrations
APPROVED

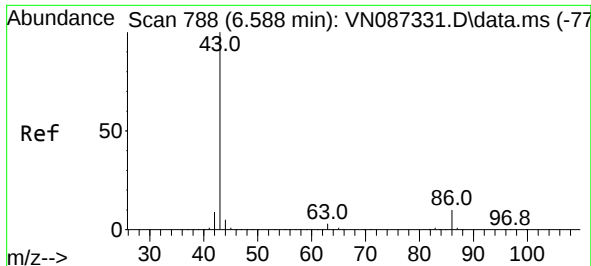
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 23.199 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

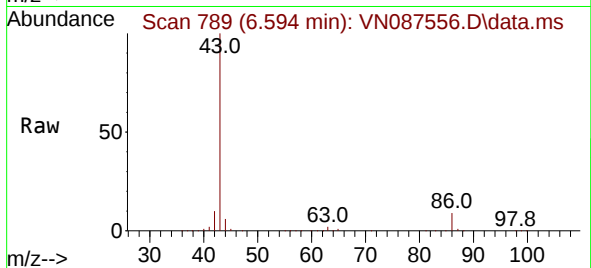
Tgt Ion: 45 Resp: 253672
Ion Ratio Lower Upper
45 100
43 54.2 42.8 64.2
87 24.8 19.8 29.6
59 11.3 8.3 12.5





#23
 Vinyl Acetate
 Concen: 120.402 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087556.D
 Acq: 14 Aug 2025 11:41

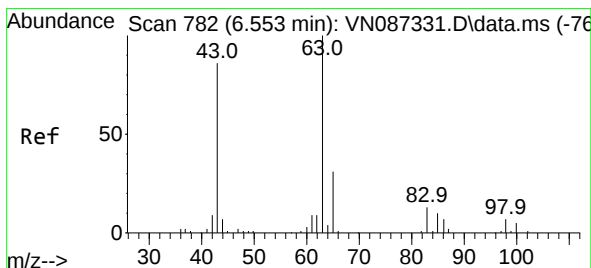
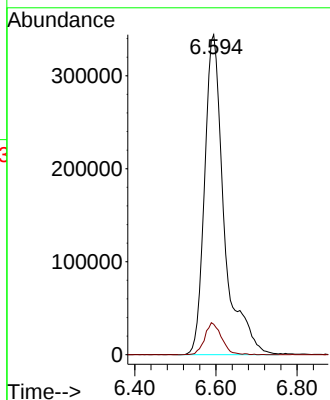
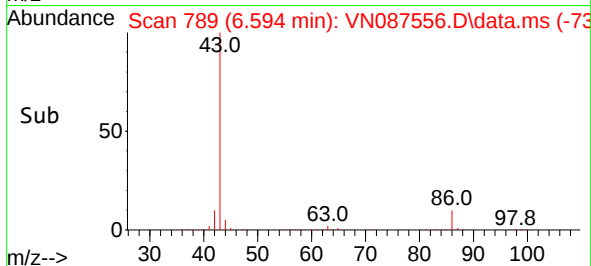
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01



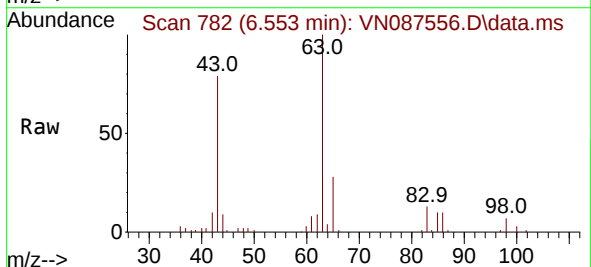
Tgt Ion: 43 Resp: 1151450
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5

Manual Integrations
 APPROVED

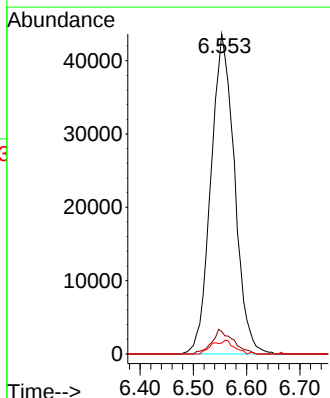
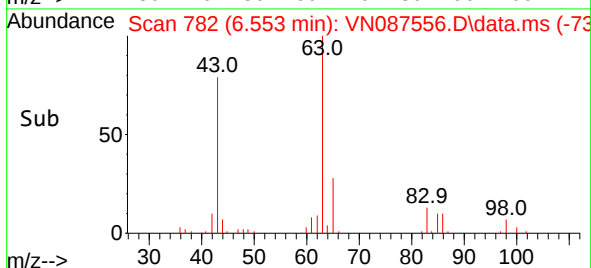
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

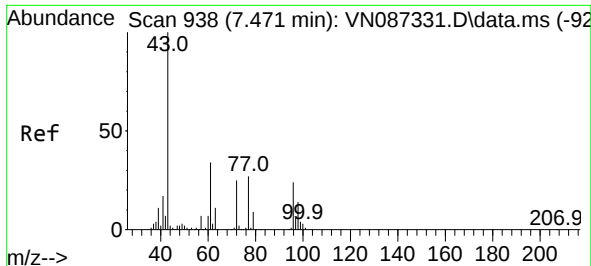


#24
 1,1-Dichloroethane
 Concen: 21.287 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087556.D
 Acq: 14 Aug 2025 11:41



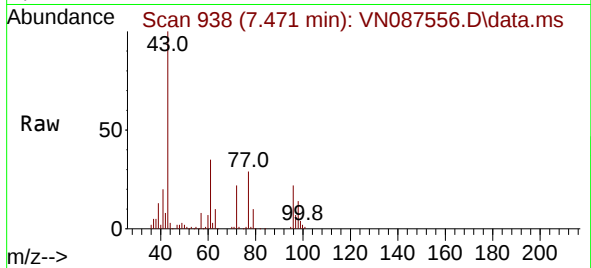
Tgt Ion: 63 Resp: 134286
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 3.4 2.5 7.4





#25
2-Butanone
Concen: 108.606 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

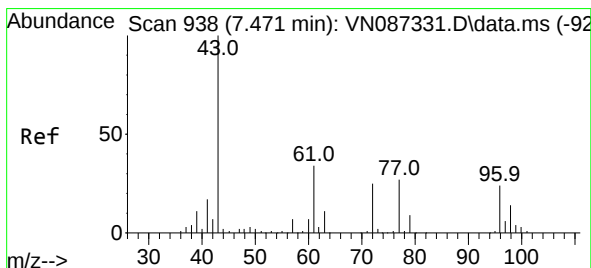
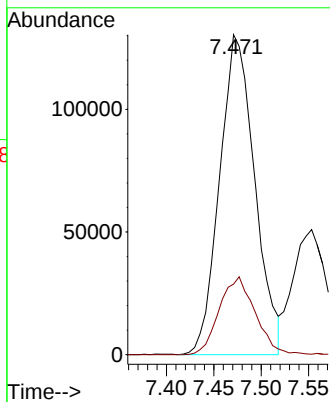
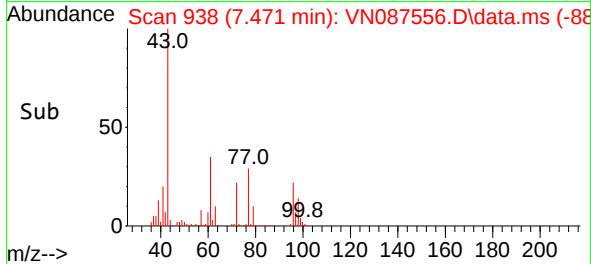
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 43 Resp: 33680
Ion Ratio Lower Upper
43 100
72 22.1 19.6 29.4

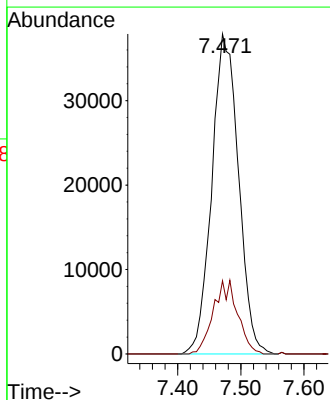
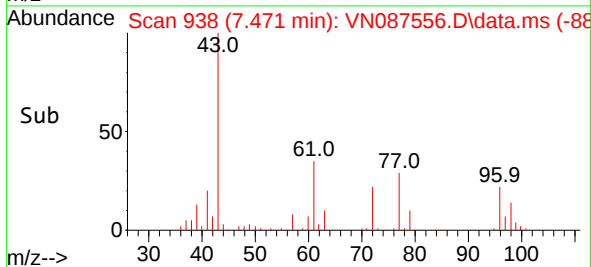
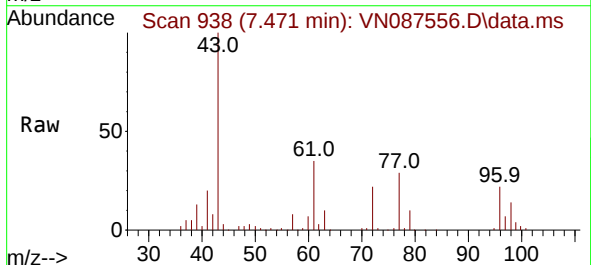
Manual Integrations
APPROVED

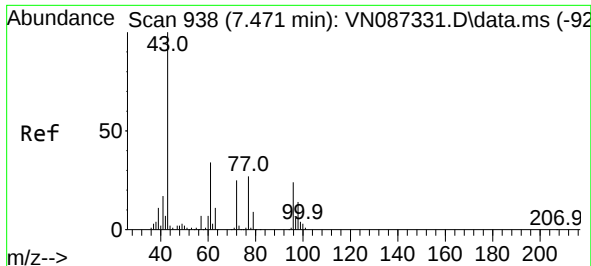
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 22.659 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

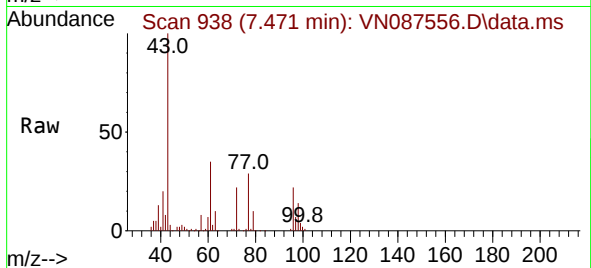
Tgt Ion: 77 Resp: 111133
Ion Ratio Lower Upper
77 100
97 21.0 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 20.547 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

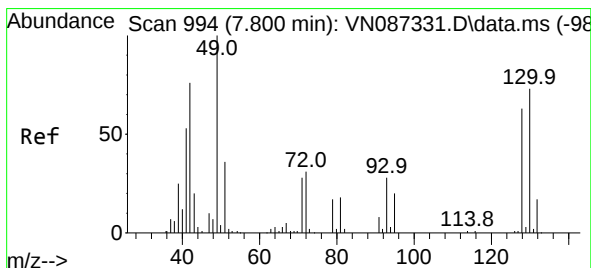
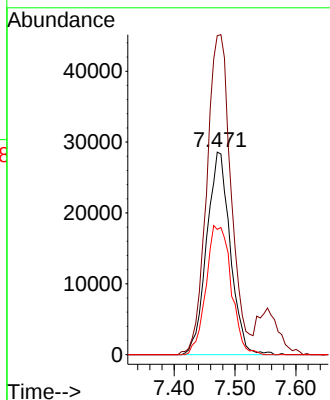
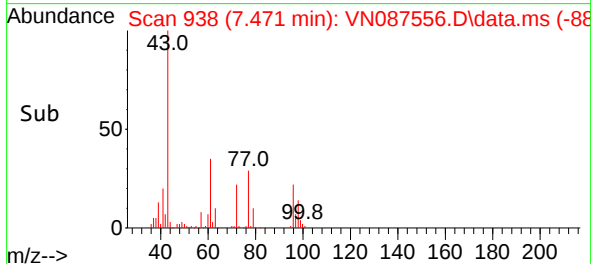
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 96 Resp: 7683
Ion Ratio Lower Upper
96 100
61 163.2 0.0 297.8
98 67.6 0.0 132.4

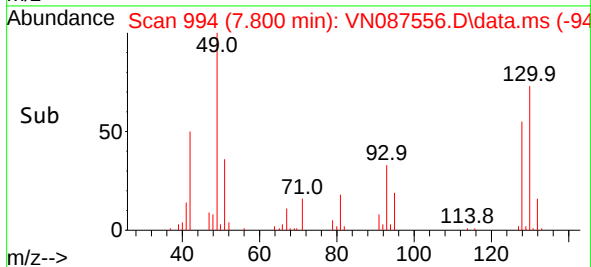
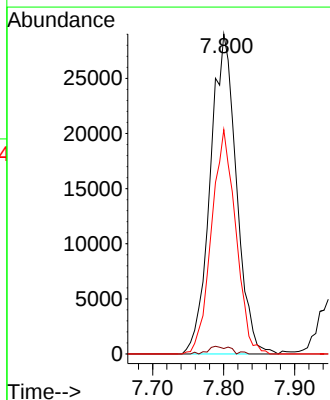
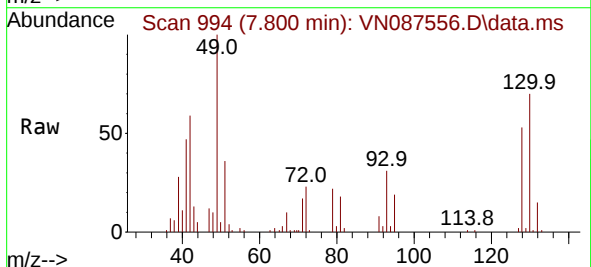
Manual Integrations
APPROVED

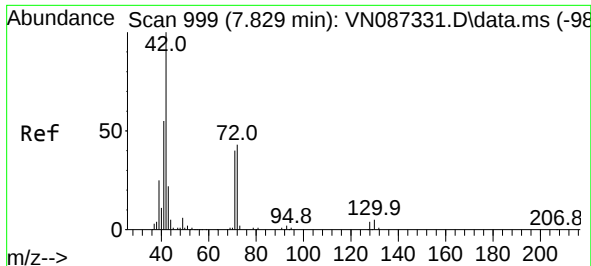
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#28
Bromochloromethane
Concen: 24.576 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

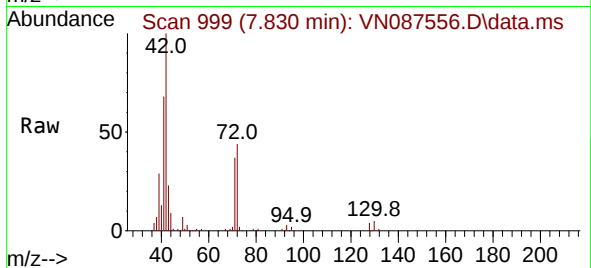
Tgt Ion: 49 Resp: 74199
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 65.0 57.3 85.9





#29
Tetrahydrofuran
Concen: 110.444 ug/l
RT: 7.830 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

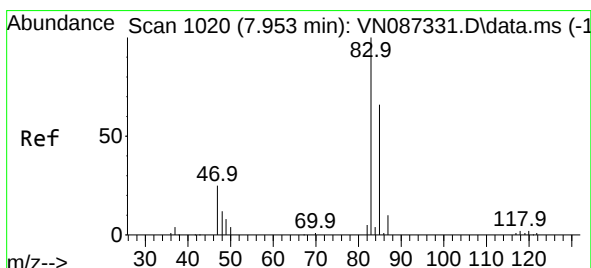
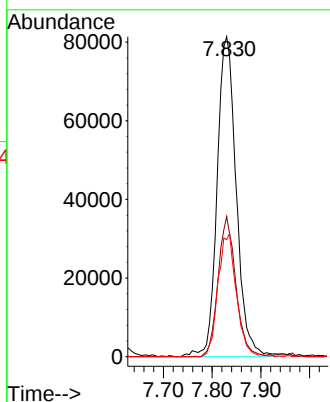
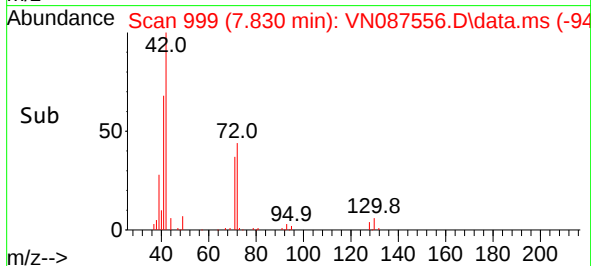
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 42 Resp: 22250
Ion Ratio Lower Upper
42 100
72 40.5 33.4 50.0
71 37.0 31.2 46.8

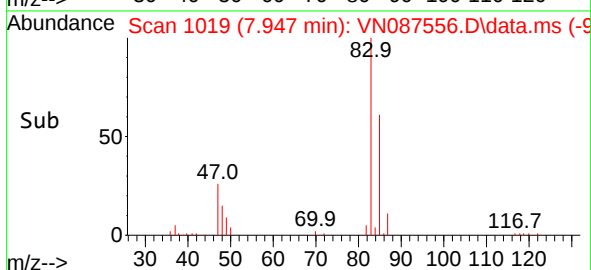
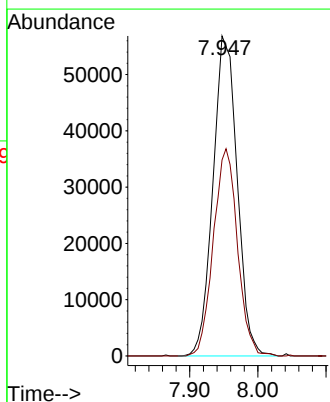
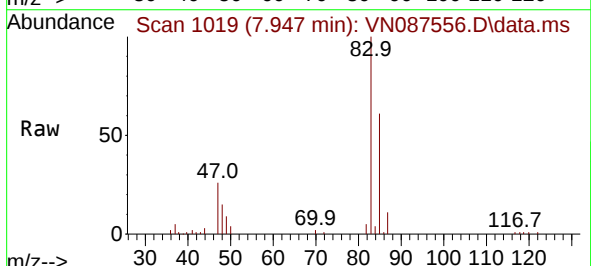
Manual Integrations
APPROVED

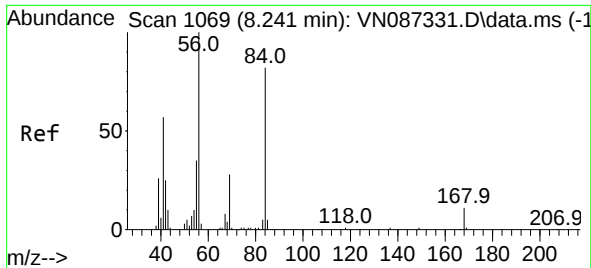
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#30
Chloroform
Concen: 22.306 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

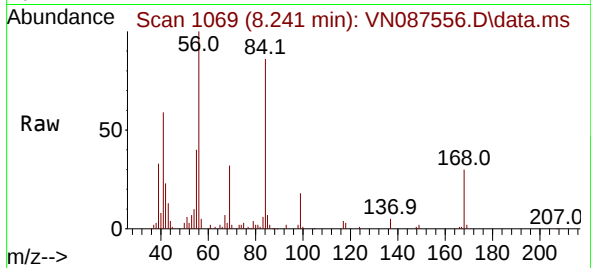
Tgt Ion: 83 Resp: 140845
Ion Ratio Lower Upper
83 100
85 61.2 52.7 79.1





#31
Cyclohexane
Concen: 22.186 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

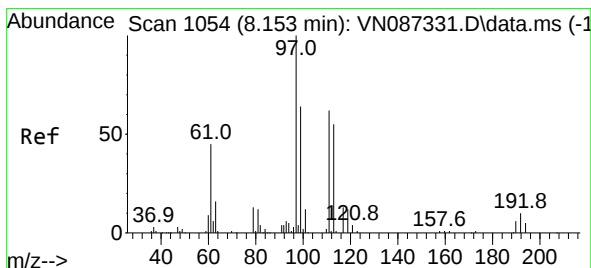
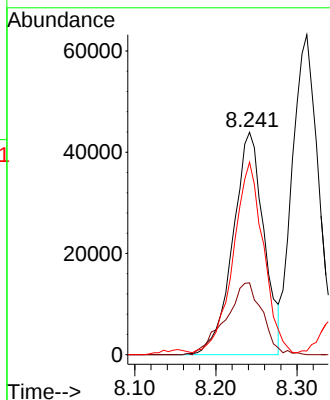
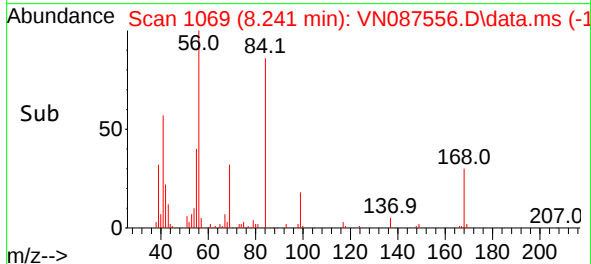
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



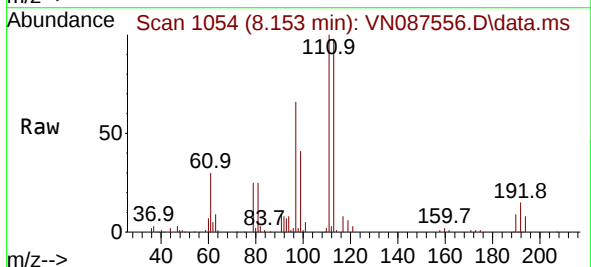
Tgt Ion: 56 Resp: 116750
Ion Ratio Lower Upper
56 100
69 32.3 22.7 34.1
84 84.2 65.8 98.6

Manual Integrations
APPROVED

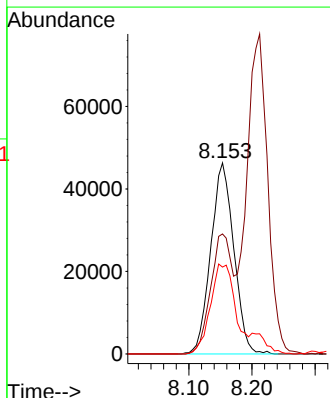
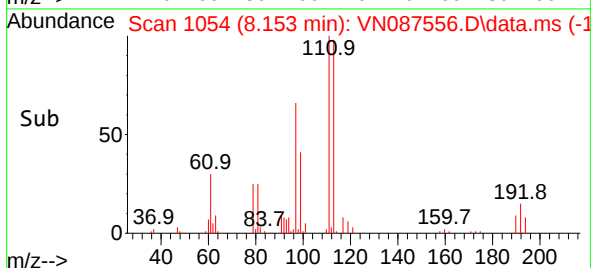
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

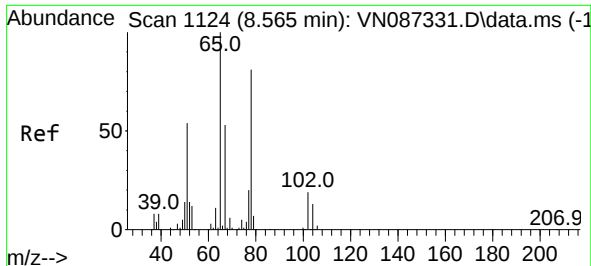


#32
1,1,1-Trichloroethane
Concen: 21.471 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



Tgt Ion: 97 Resp: 117425
Ion Ratio Lower Upper
97 100
99 57.5 51.8 77.8
61 50.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 57.630 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

Tgt Ion: 65 Resp: 246699

Ion Ratio Lower Upper

65 100

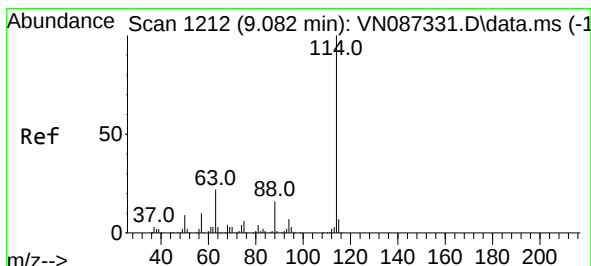
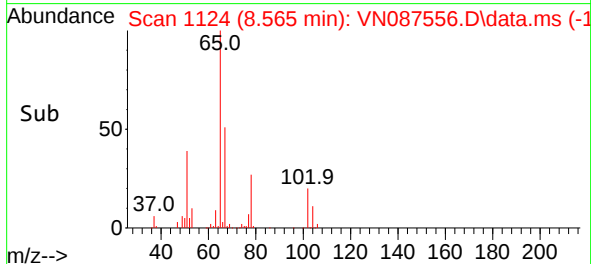
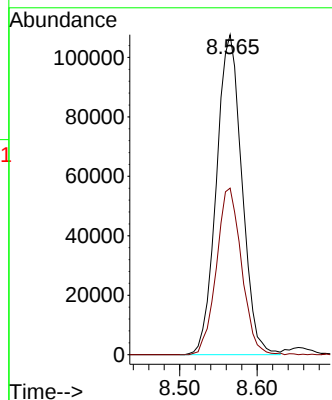
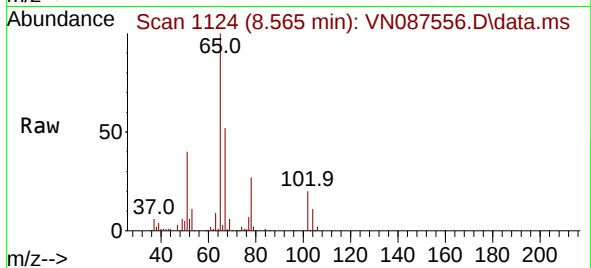
67 51.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

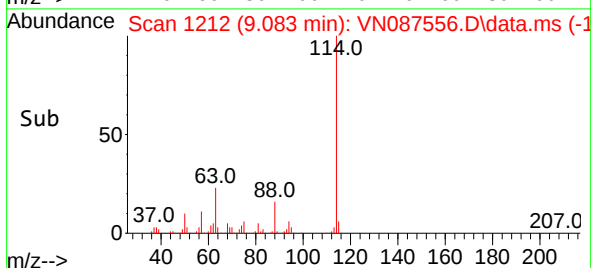
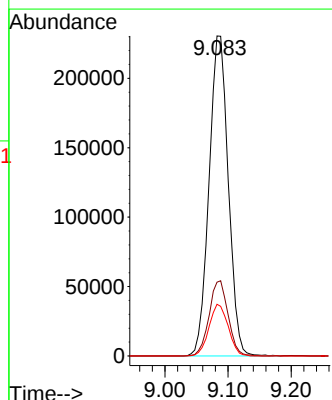
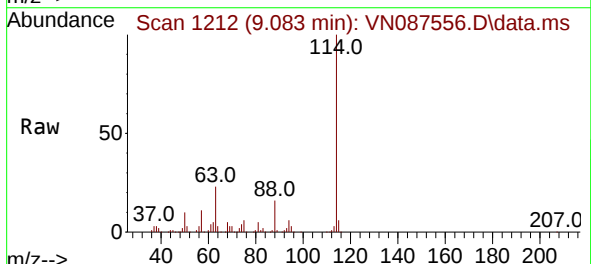
Tgt Ion:114 Resp: 487917

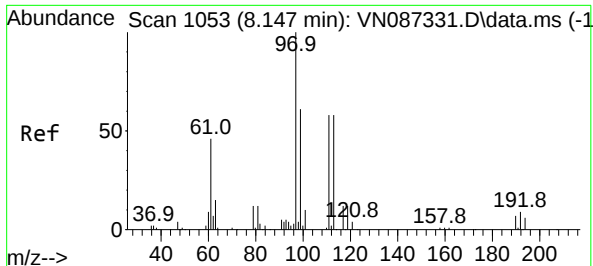
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

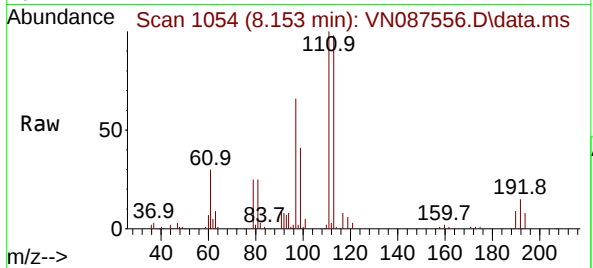
88 16.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.606 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

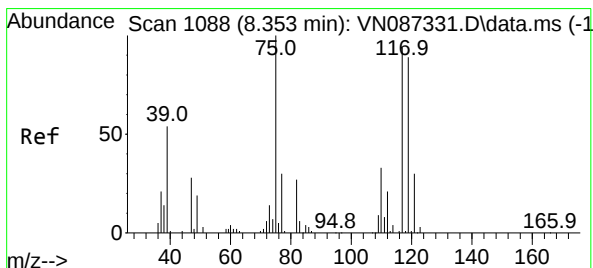
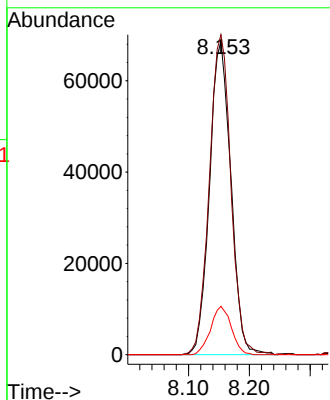
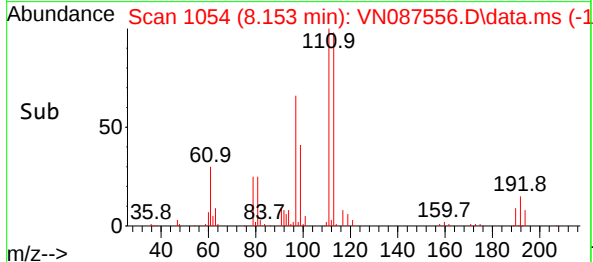
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 113 Resp: 16695
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 15.0 13.7 20.5

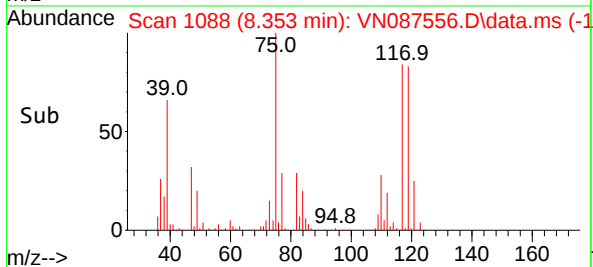
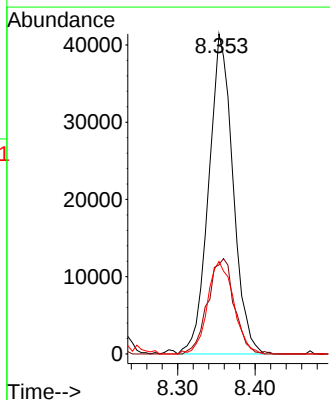
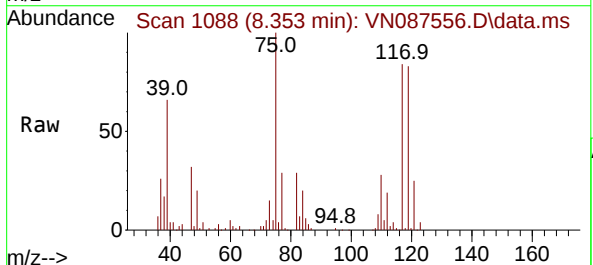
Manual Integrations
APPROVED

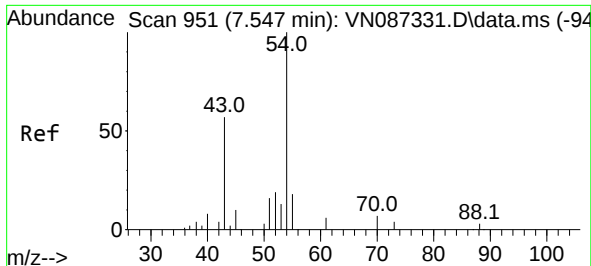
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 20.310 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion: 75 Resp: 90310
Ion Ratio Lower Upper
75 100
110 32.6 16.7 50.1
77 31.2 25.2 37.8





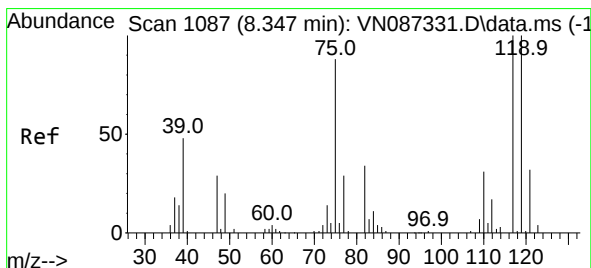
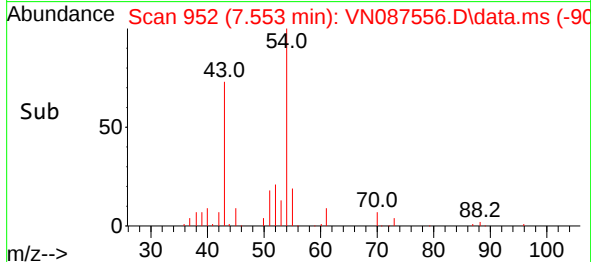
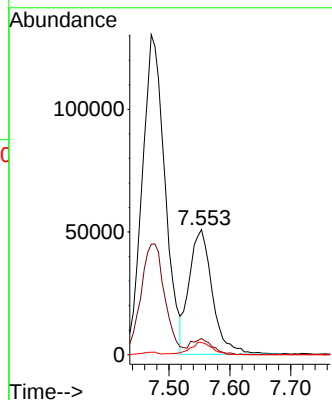
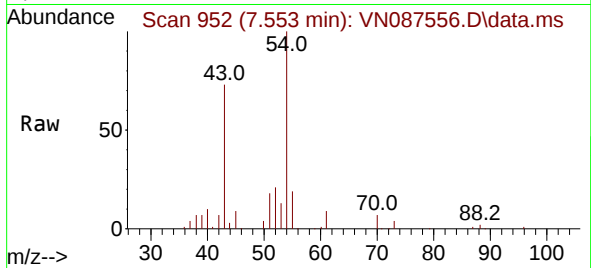
#37
Ethyl Acetate
Concen: 20.932 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 43 Resp: 13442
Ion Ratio Lower Upper
43 100
61 11.5 10.9 16.3
70 9.5 7.4 11.0

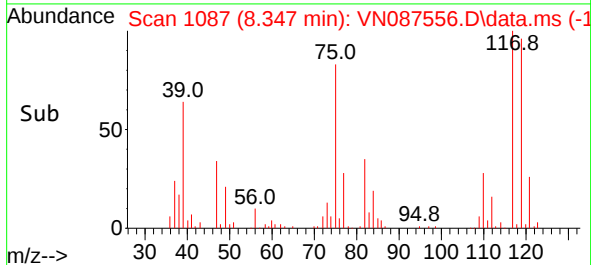
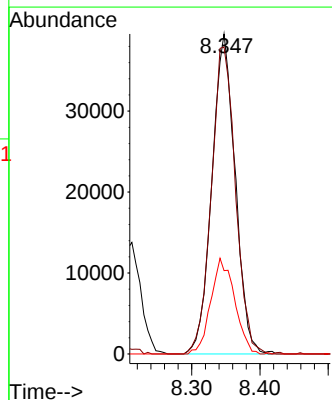
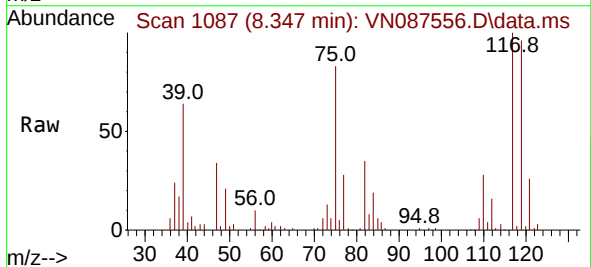
Manual Integrations
APPROVED

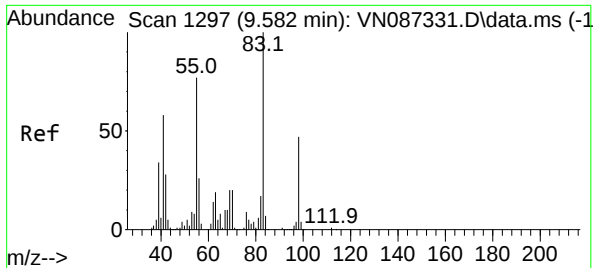
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 19.208 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

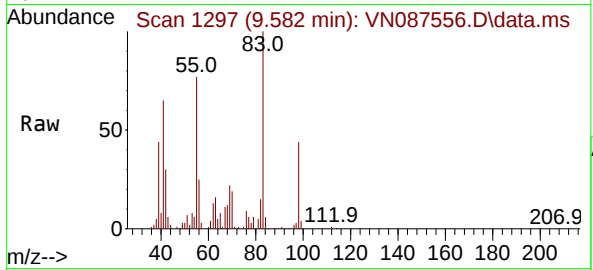
Tgt Ion:117 Resp: 94085
Ion Ratio Lower Upper
117 100
119 96.0 80.2 120.2
121 26.0 25.4 38.2





#39
Methylcyclohexane
Concen: 21.609 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

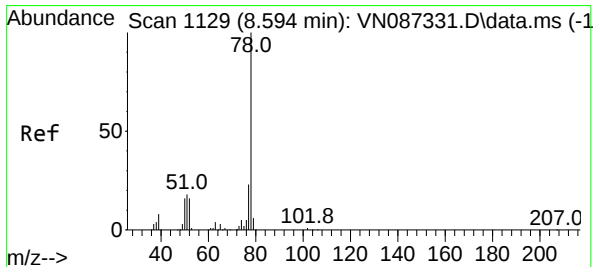
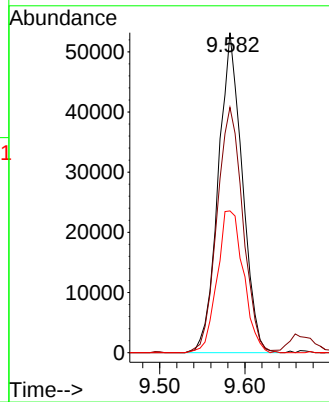
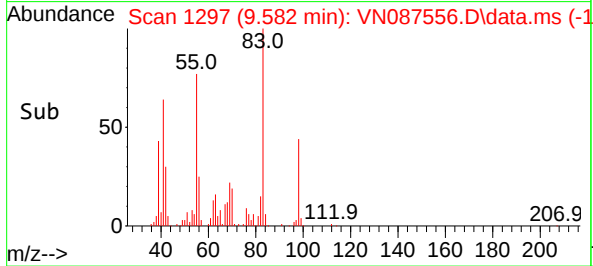
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 83 Resp: 104020
Ion Ratio Lower Upper
83 100
55 76.7 61.3 91.9
98 44.3 37.9 56.9

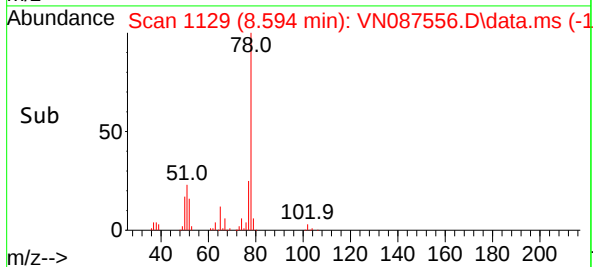
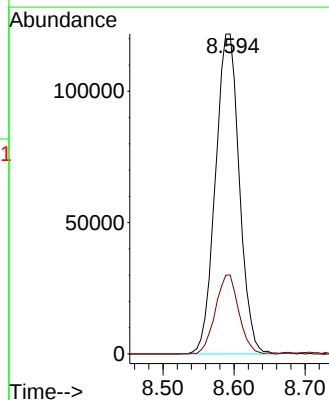
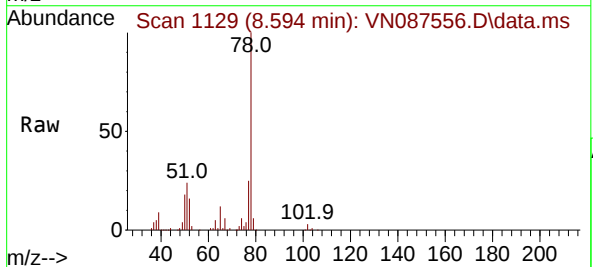
Manual Integrations
APPROVED

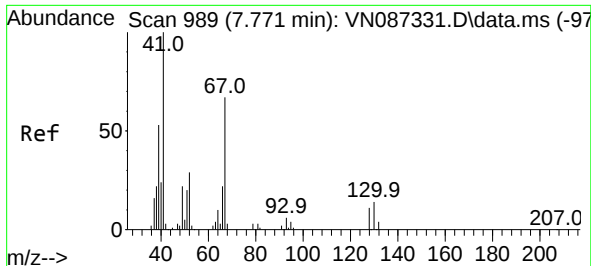
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#40
Benzene
Concen: 19.776 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

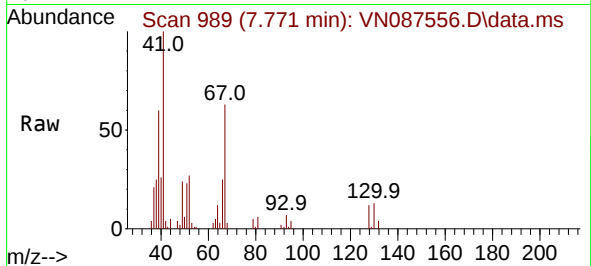
Tgt Ion: 78 Resp: 284206
Ion Ratio Lower Upper
78 100
77 24.7 18.2 27.2





#41
Methacrylonitrile
Concen: 21.442 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

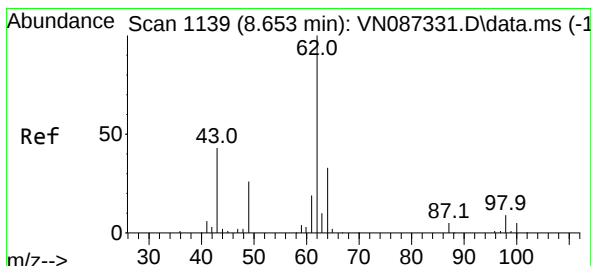
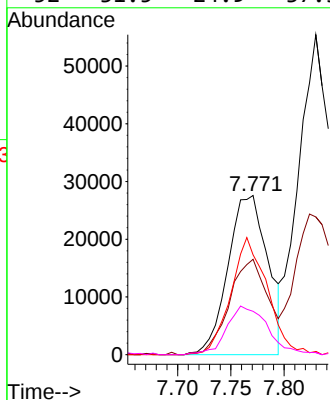
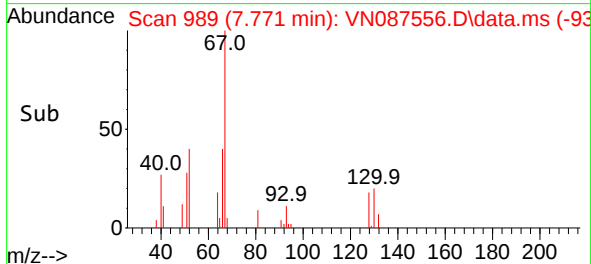
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion:	41	Resp:	72000
Ion Ratio	100	Lower	Upper
41	100		
39	57.9	43.4	65.0
67	67.4	55.1	82.7
52	31.5	24.9	37.3

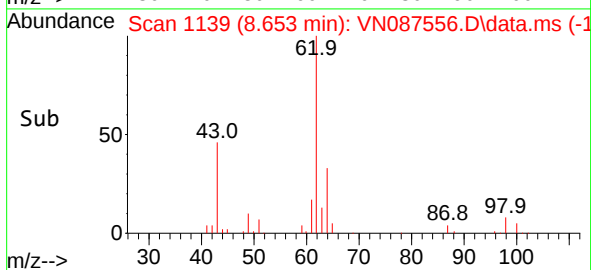
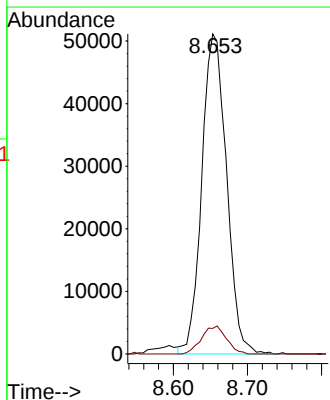
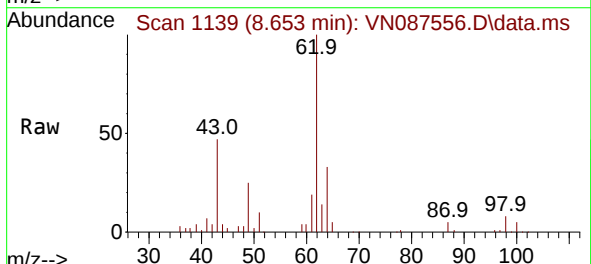
Manual Integrations
APPROVED

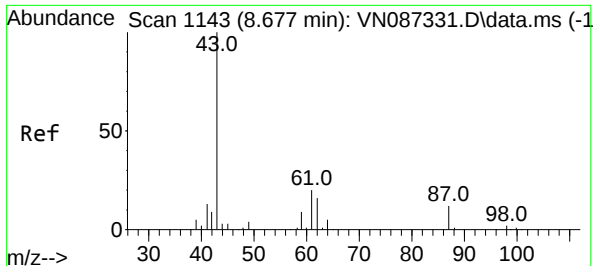
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 21.744 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

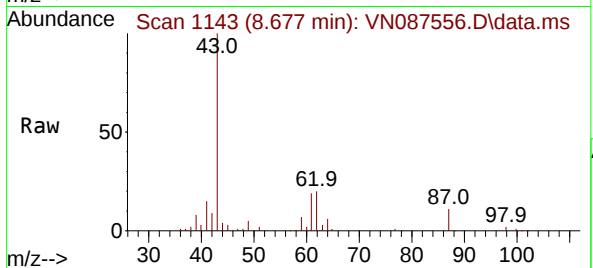
Tgt Ion:	62	Resp:	118504
Ion Ratio	100	Lower	Upper
62	100		
98	8.8	0.0	18.0





#43
Isopropyl Acetate
Concen: 21.345 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

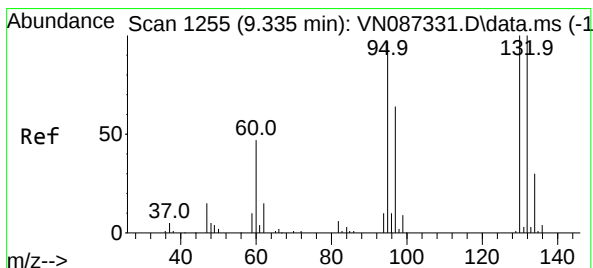
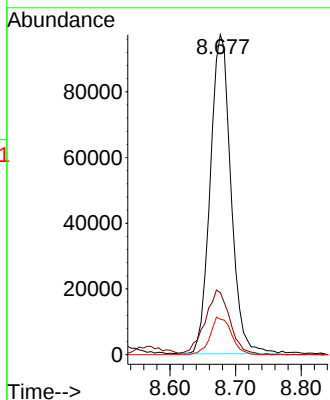
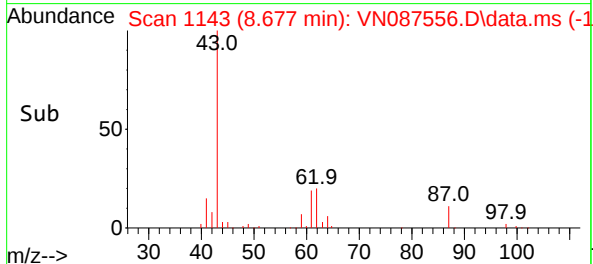
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 43 Resp: 212790
Ion Ratio Lower Upper
43 100
61 24.3 19.8 29.8
87 12.0 9.8 14.6

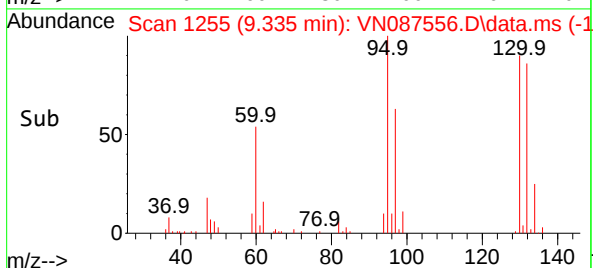
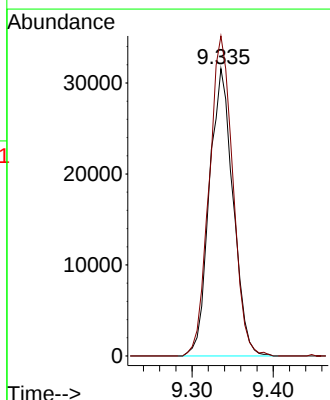
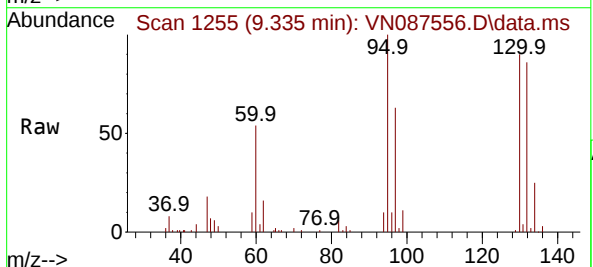
Manual Integrations
APPROVED

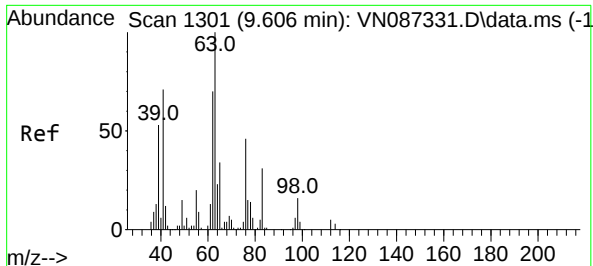
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 18.862 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion:130 Resp: 64050
Ion Ratio Lower Upper
130 100
95 111.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 20.554 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

Tgt Ion: 63 Resp: 7505

Ion Ratio Lower Upper

63 100

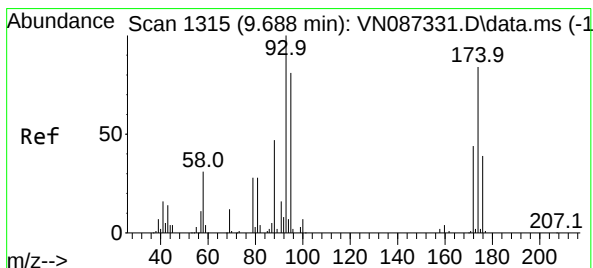
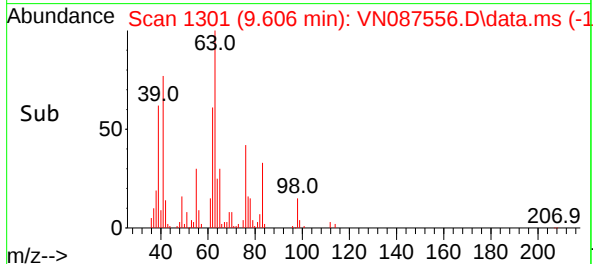
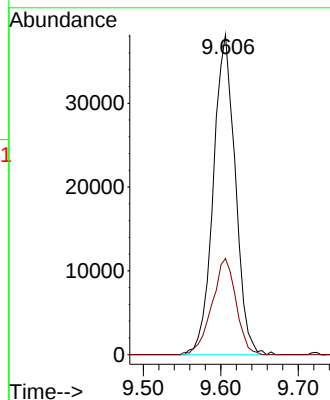
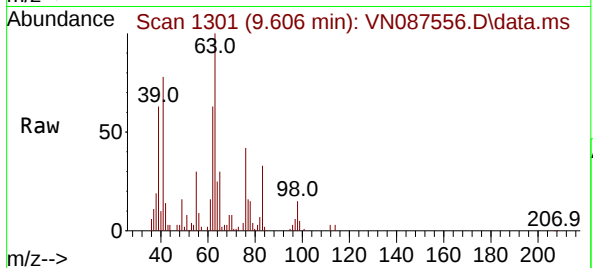
65 30.0 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 20.091 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

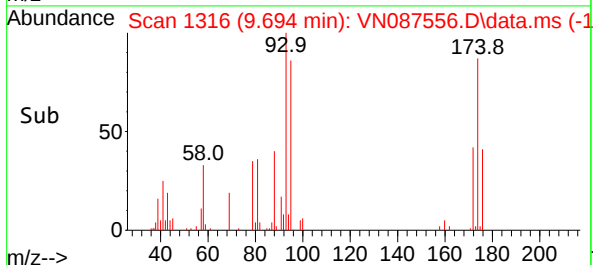
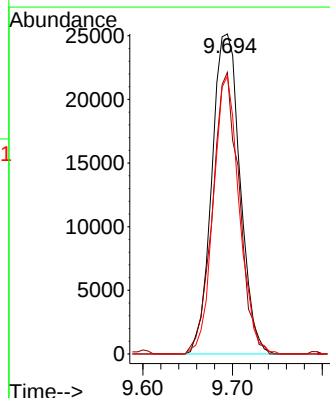
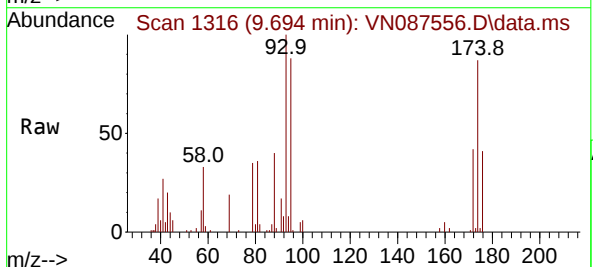
Tgt Ion: 93 Resp: 54931

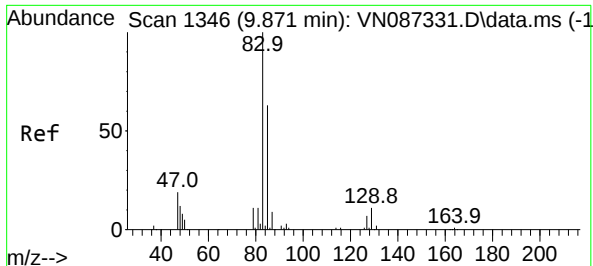
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 79.7 69.9 104.9





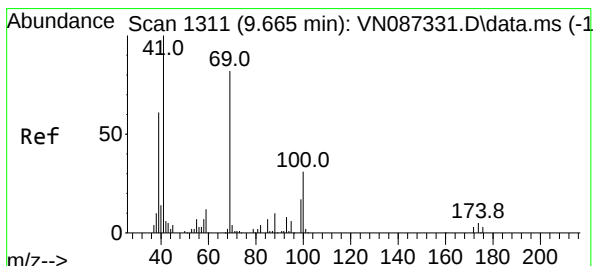
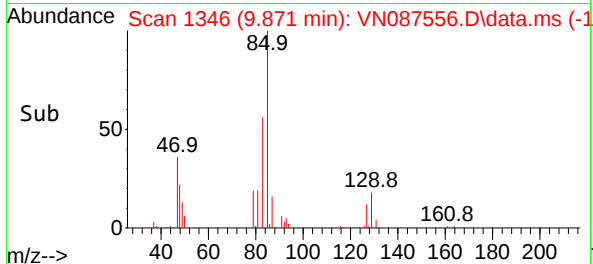
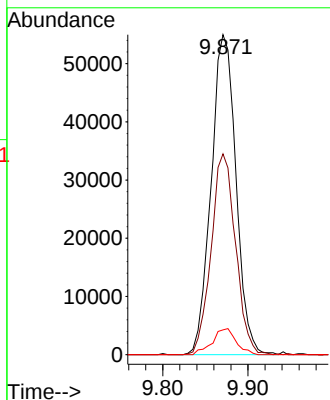
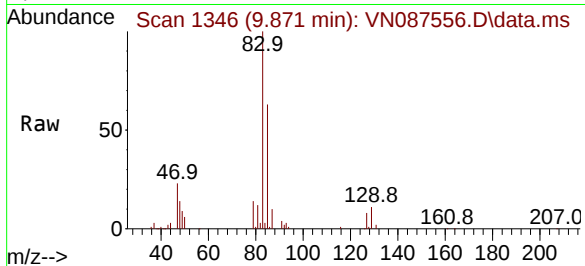
#47
Bromodichloromethane
Concen: 20.231 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 83 Resp: 11141
Ion Ratio Lower Upper
83 100
85 62.7 50.4 75.6
127 7.7 5.8 8.8

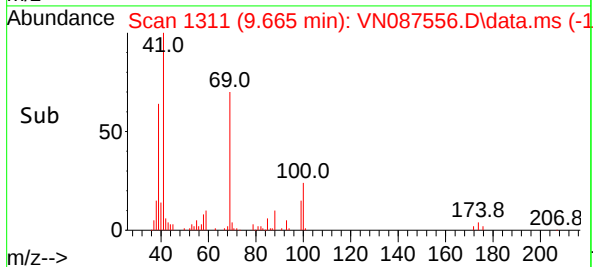
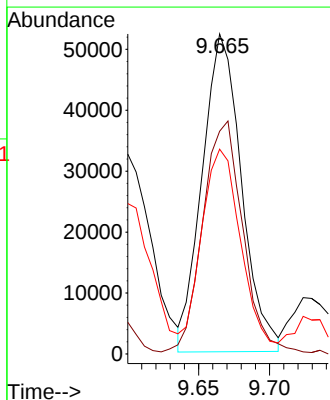
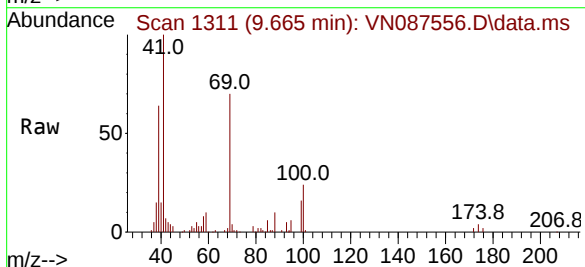
Manual Integrations
APPROVED

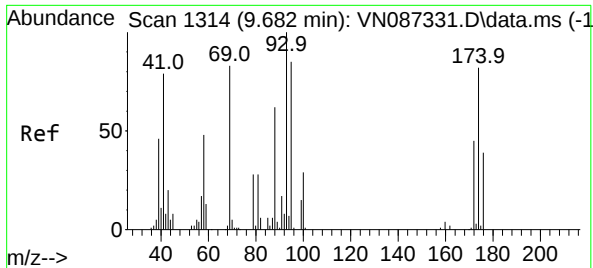
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 22.373 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

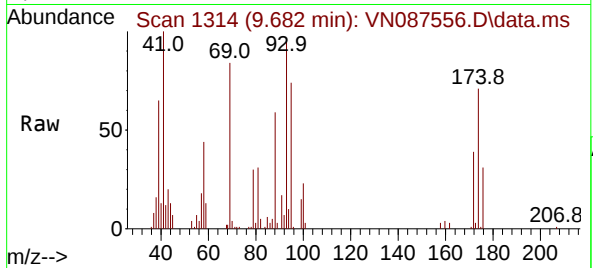
Tgt Ion: 41 Resp: 100409
Ion Ratio Lower Upper
41 100
69 74.3 64.1 96.1
39 65.3 45.5 68.3





#49
1,4-Dioxane
Concen: 433.049 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

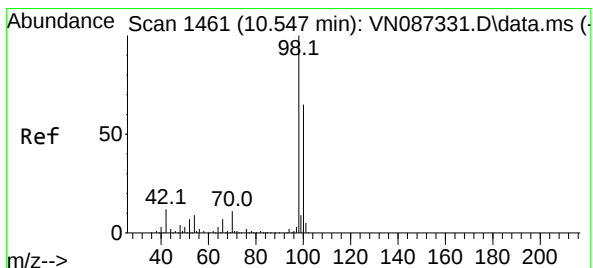
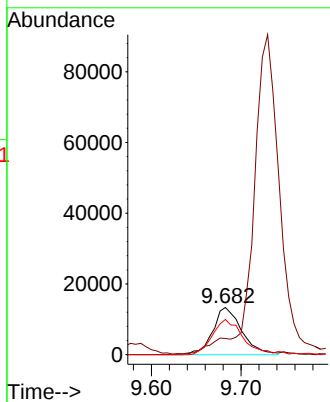
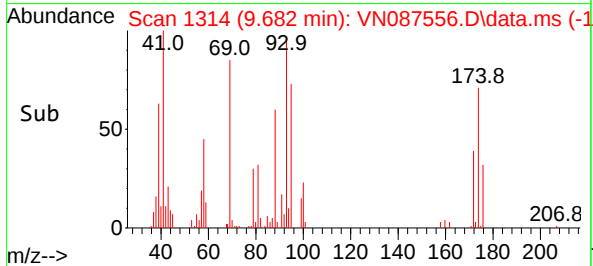
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 88 Resp: 2976
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.4 61.1 91.7

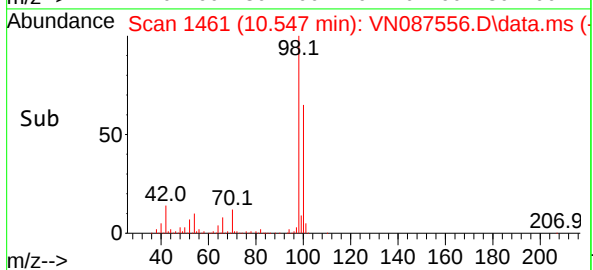
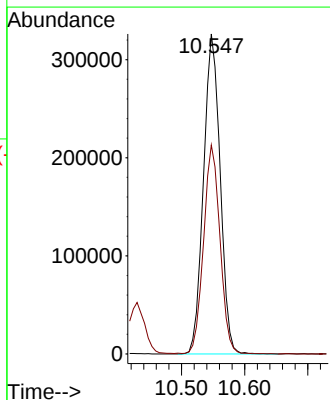
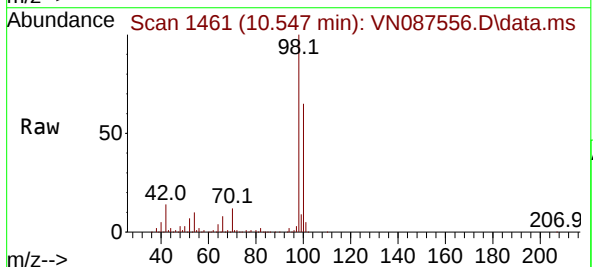
Manual Integrations
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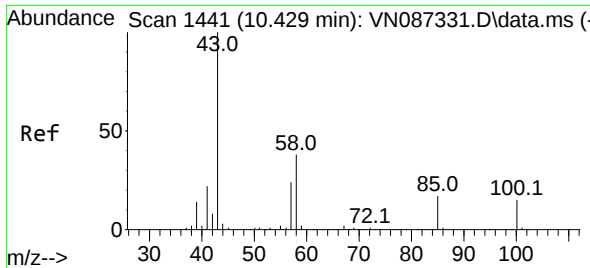
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

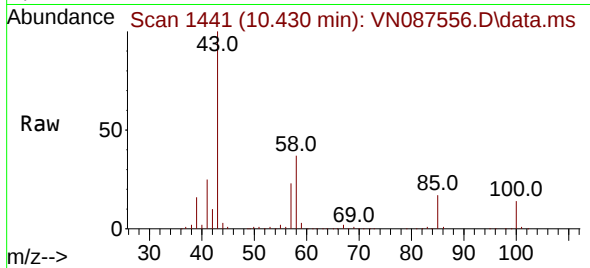
Tgt Ion: 98 Resp: 596696
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 105.985 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

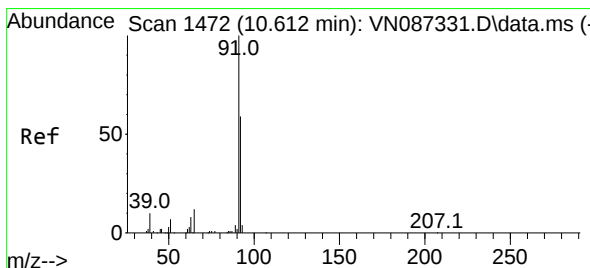
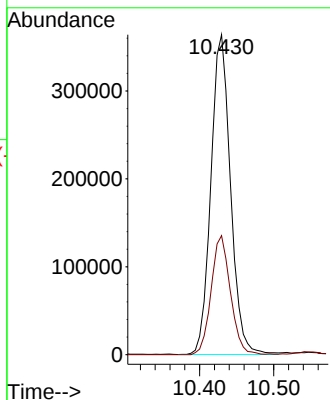
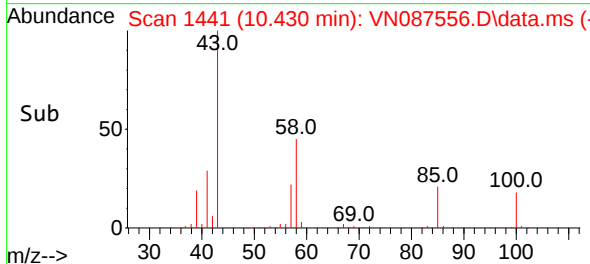
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 43 Resp: 668260
Ion Ratio Lower Upper
43 100
58 36.5 30.8 46.2

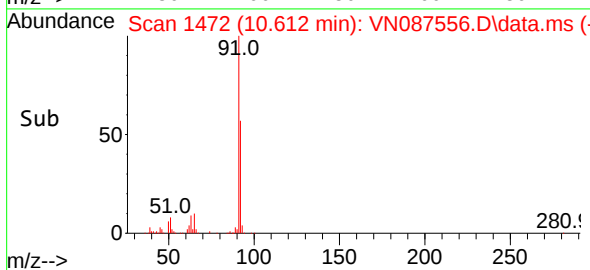
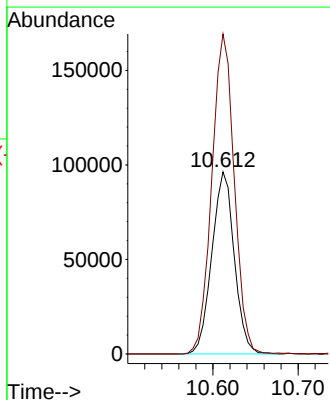
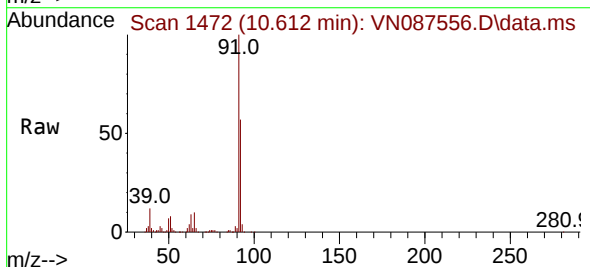
Manual Integrations
APPROVED

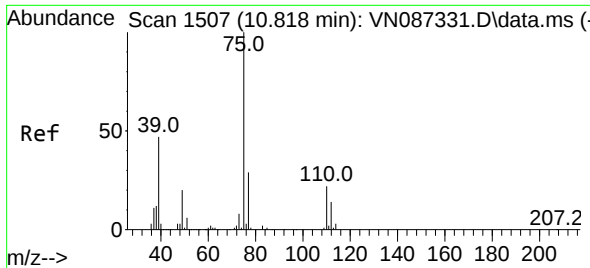
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 20.131 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

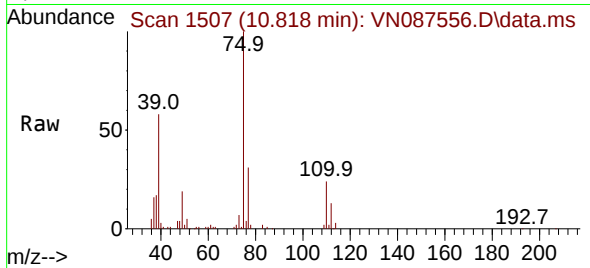
Tgt Ion: 92 Resp: 175852
Ion Ratio Lower Upper
92 100
91 176.5 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 21.432 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

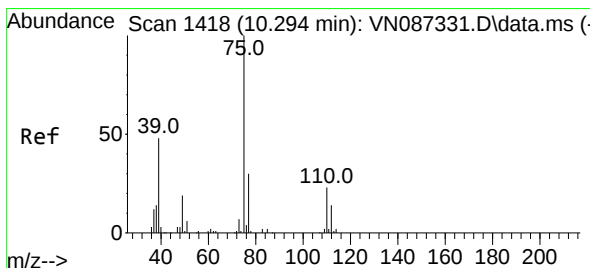
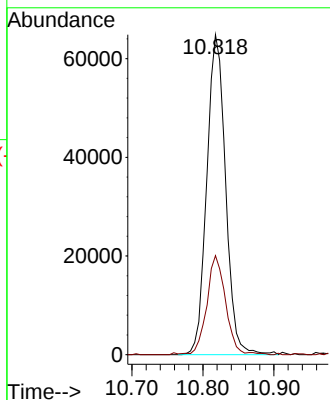
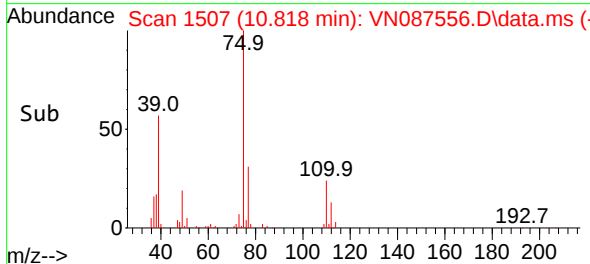
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



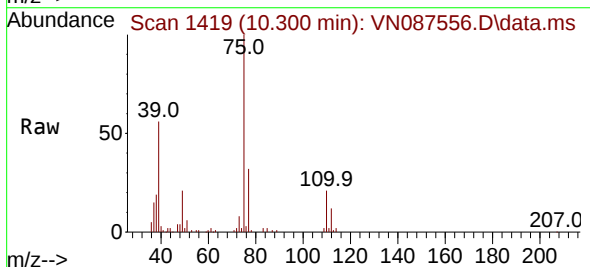
Tgt Ion: 75 Resp: 119448
Ion Ratio Lower Upper
75 100
77 30.7 23.6 35.4

Manual Integrations
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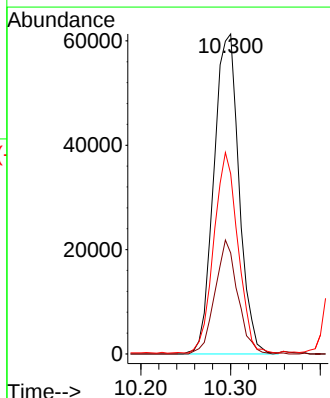
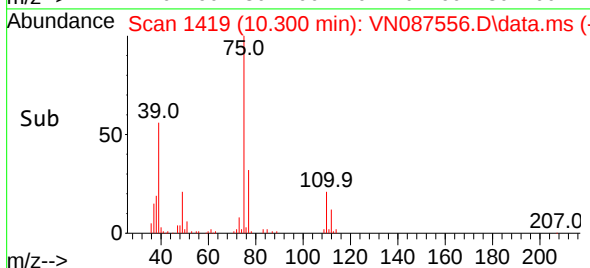
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

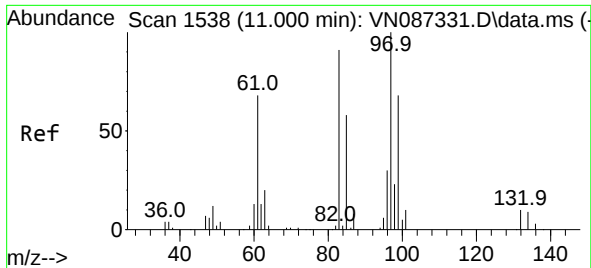


#54
cis-1,3-Dichloropropene
Concen: 20.772 ug/l
RT: 10.300 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



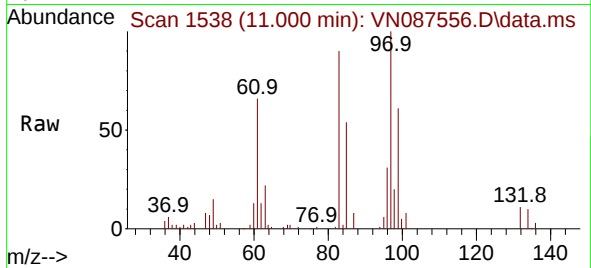
Tgt Ion: 75 Resp: 119589
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.2
39 56.0 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 21.173 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

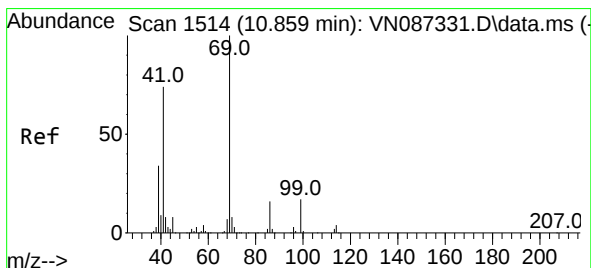
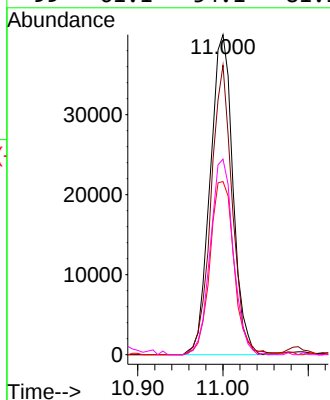
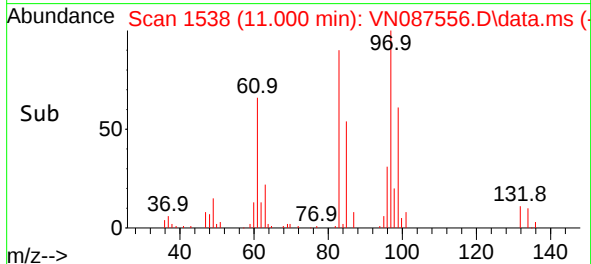
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



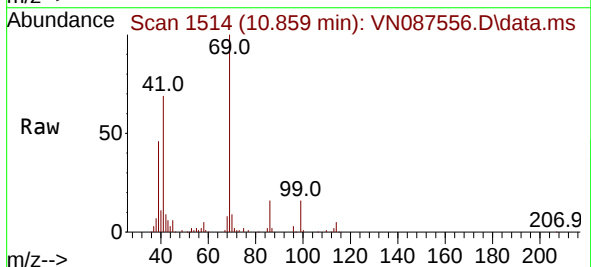
Tgt Ion:	97	Resp:	74879
Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.6	109.0
85	54.1	46.7	70.1
99	61.1	54.1	81.1

Manual Integrations
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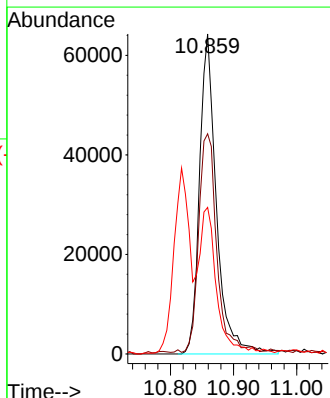
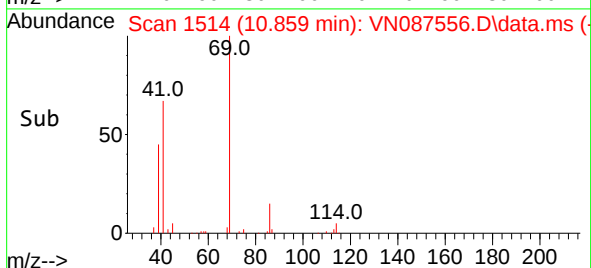
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

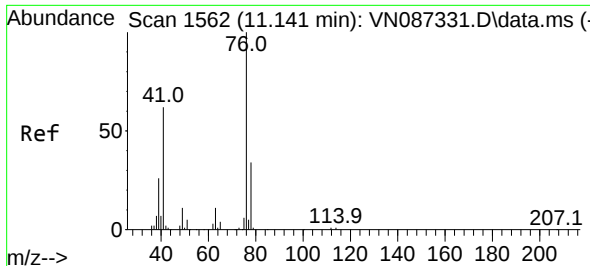


#56
Ethyl methacrylate
Concen: 20.895 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



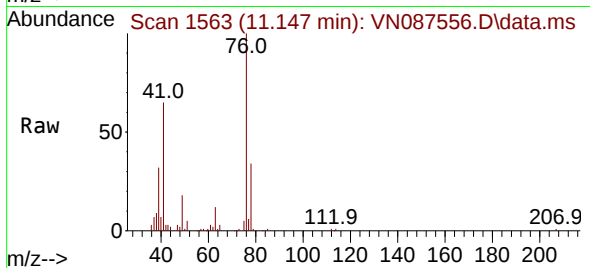
Tgt Ion:	69	Resp:	119671
Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.1	82.7
39	41.5	27.9	41.9





#57
1,3-Dichloropropane
Concen: 20.802 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

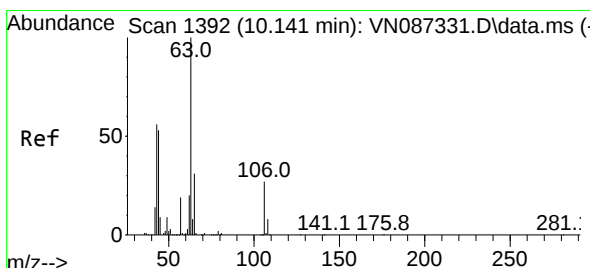
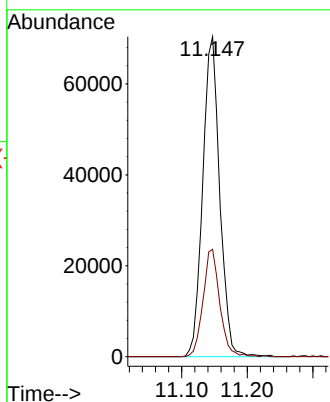
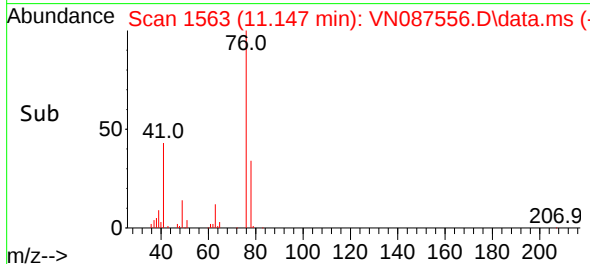
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 76 Resp: 127190
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

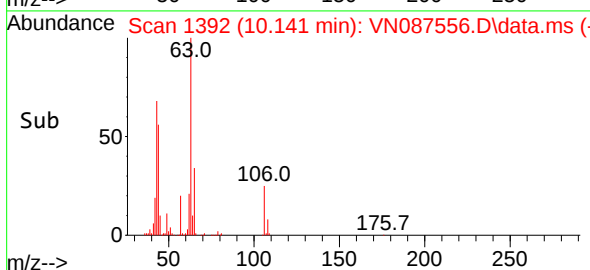
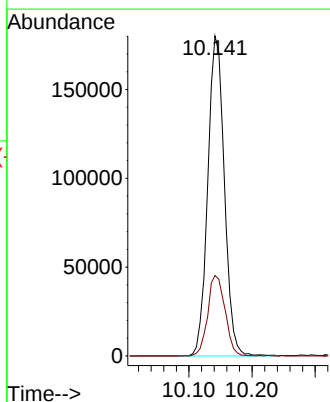
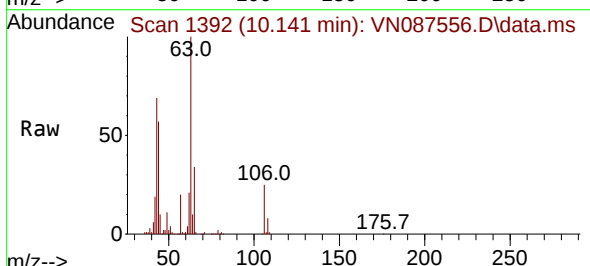
Manual Integrations
APPROVED

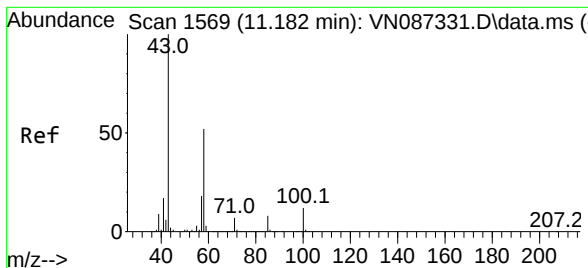
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 113.182 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

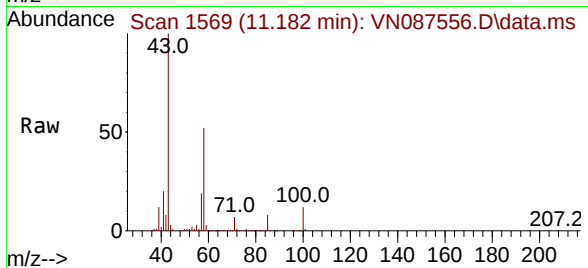
Tgt Ion: 63 Resp: 328347
Ion Ratio Lower Upper
63 100
106 26.3 21.7 32.5





#59
2-Hexanone
Concen: 104.331 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

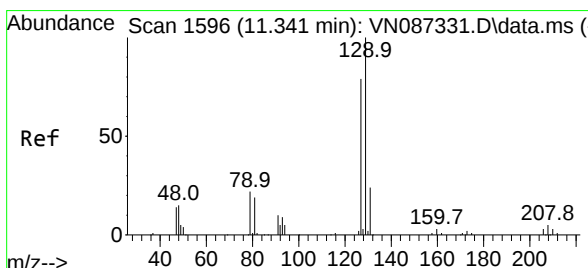
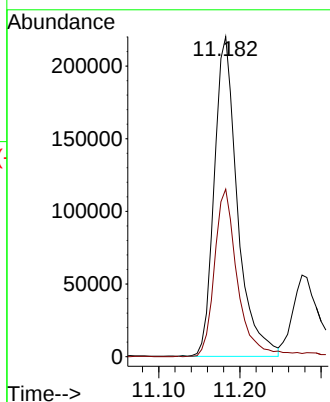
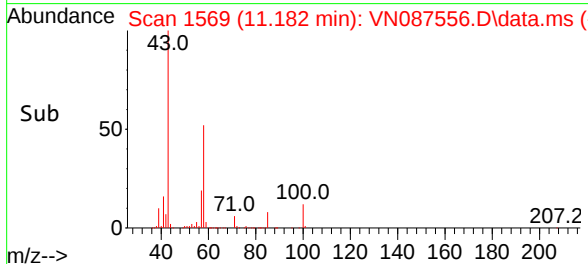
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



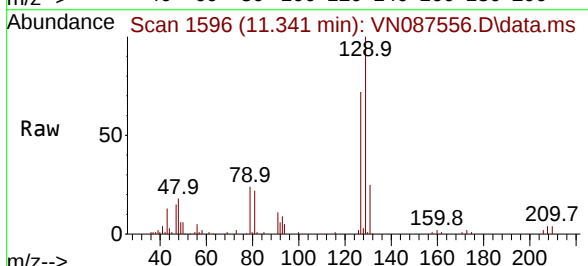
Tgt Ion: 43 Resp: 436445
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.0

Manual Integrations
APPROVED

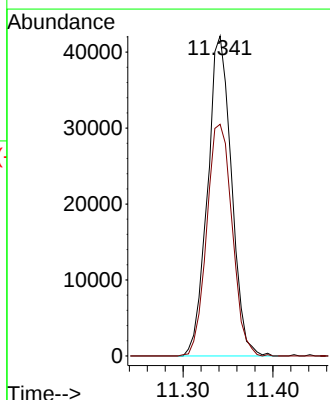
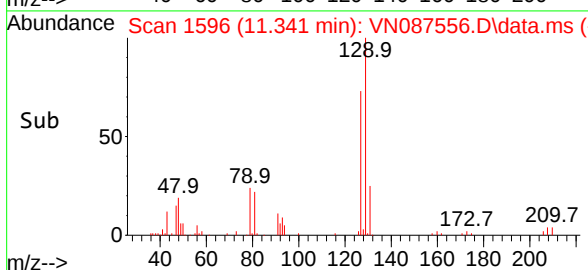
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

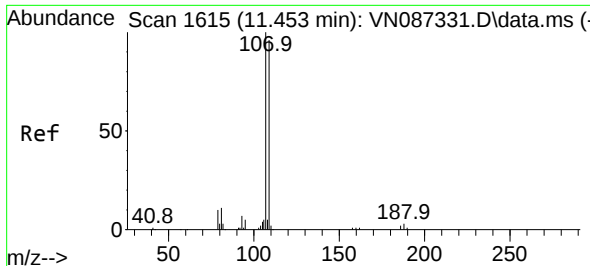


#60
Dibromochloromethane
Concen: 19.346 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



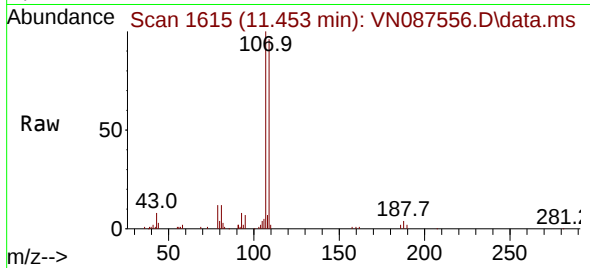
Tgt Ion:129 Resp: 78024
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 19.816 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

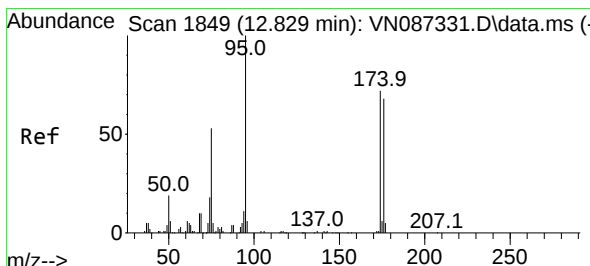
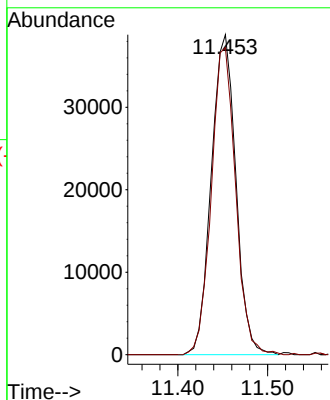
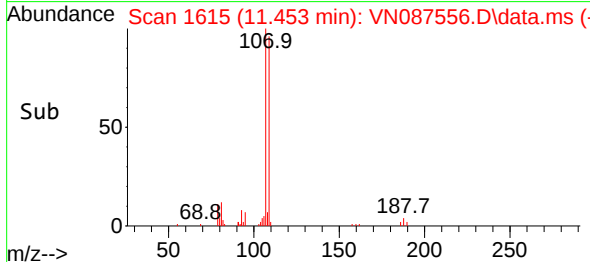
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



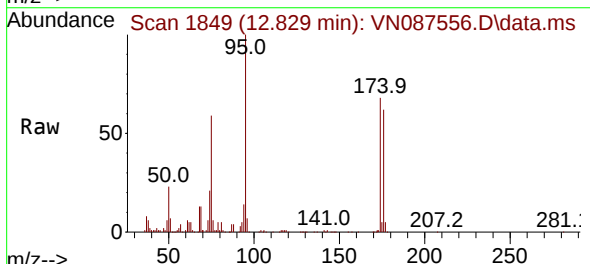
Tgt Ion:107 Resp: 73680
Ion Ratio Lower Upper
107 100
109 95.1 77.5 116.3

Manual Integrations
APPROVED

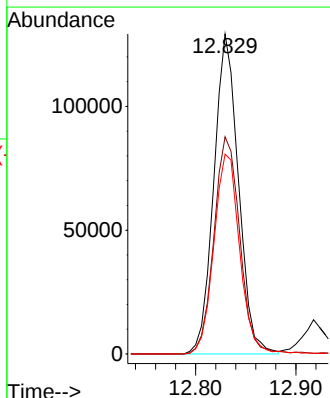
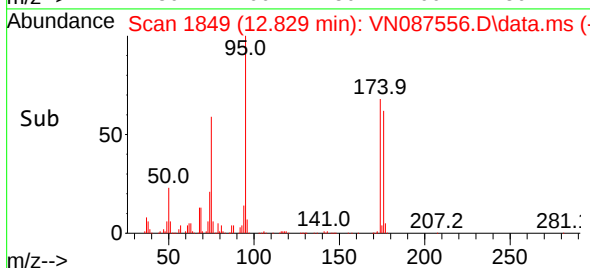
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

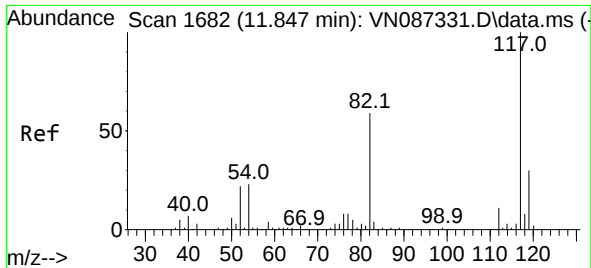


#62
4-Bromofluorobenzene
Concen: 49.630 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



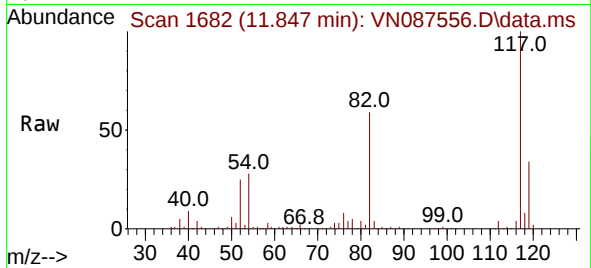
Tgt Ion: 95 Resp: 220136
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.4
176 65.9 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

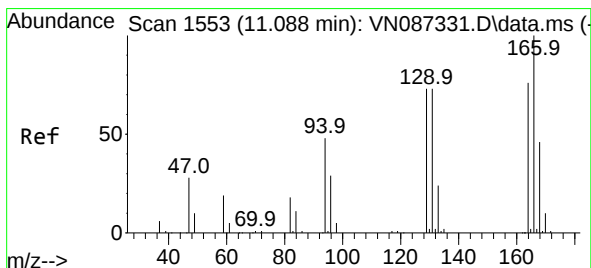
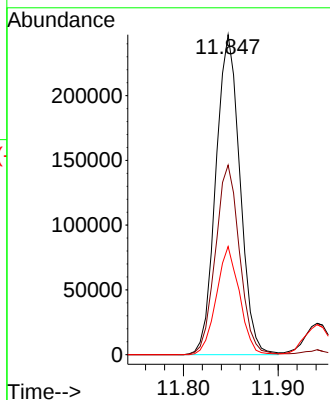
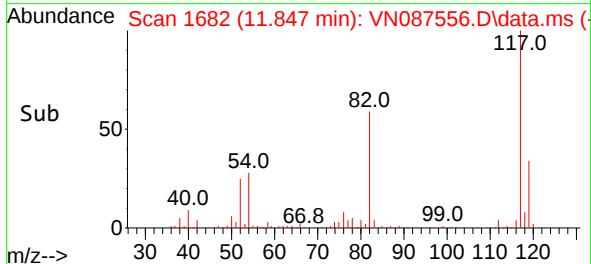
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion:117 Resp: 437708
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 33.8 23.8 35.8

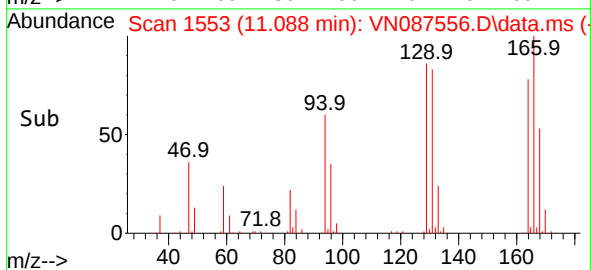
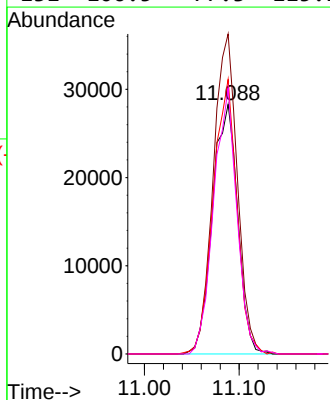
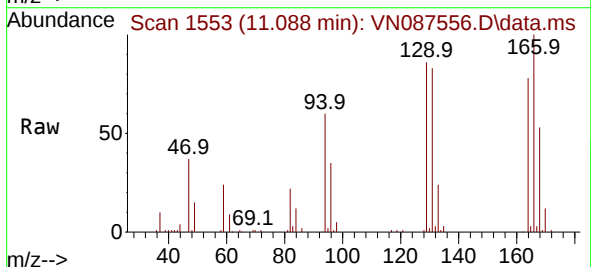
Manual Integrations
APPROVED

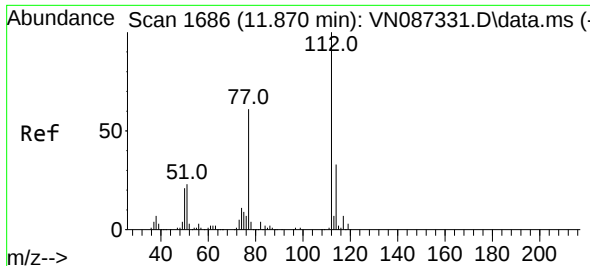
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 18.504 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion:164 Resp: 52129
Ion Ratio Lower Upper
164 100
166 128.2 105.5 158.3
129 110.0 77.4 116.2
131 106.5 77.3 115.9





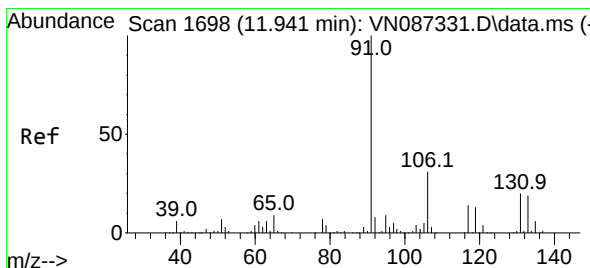
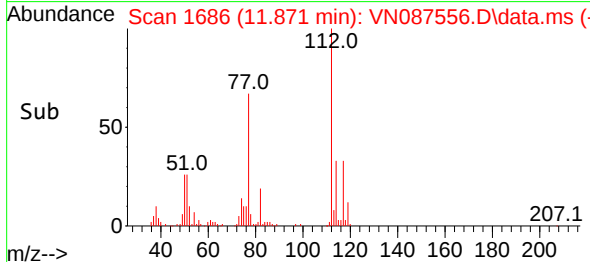
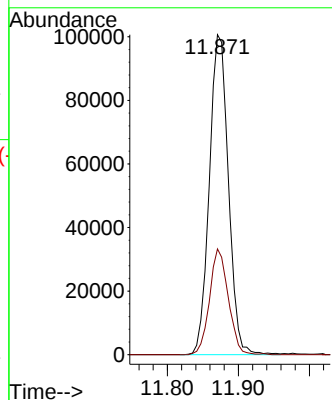
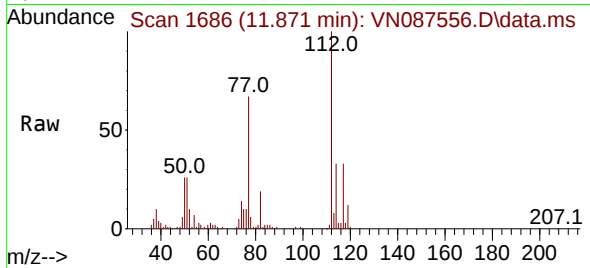
#65
Chlorobenzene
Concen: 19.092 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion:112 Resp: 187618
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7

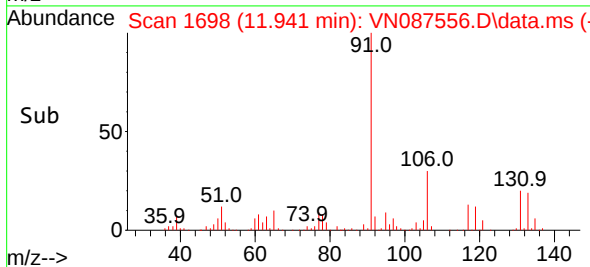
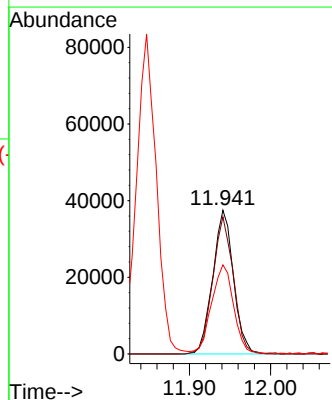
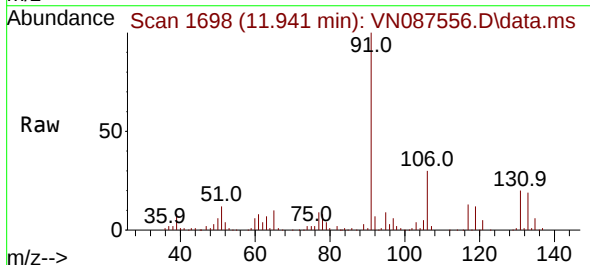
Manual Integrations
APPROVED

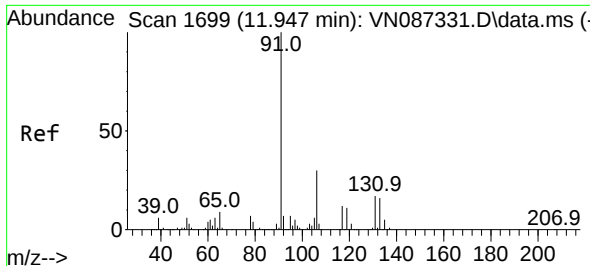
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.971 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

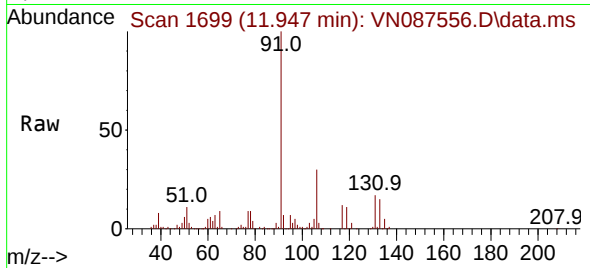
Tgt Ion:131 Resp: 66734
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 65.7 33.1 99.2





#67
Ethyl Benzene
Concen: 21.005 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

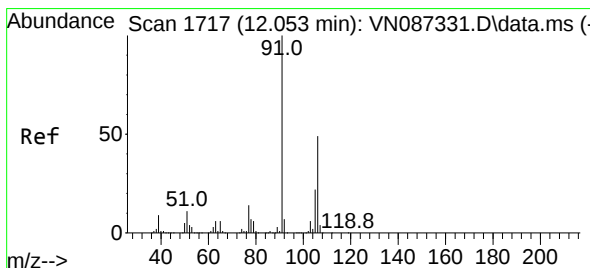
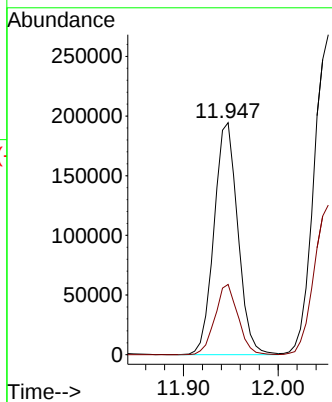
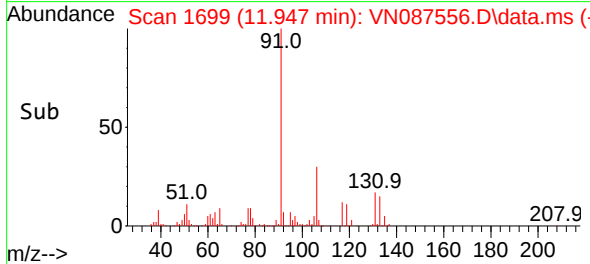
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 91 Resp: 339800
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

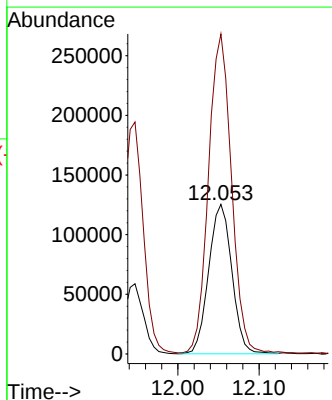
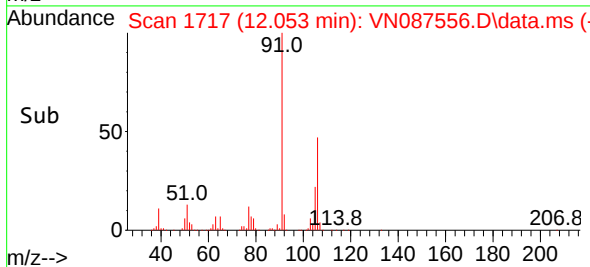
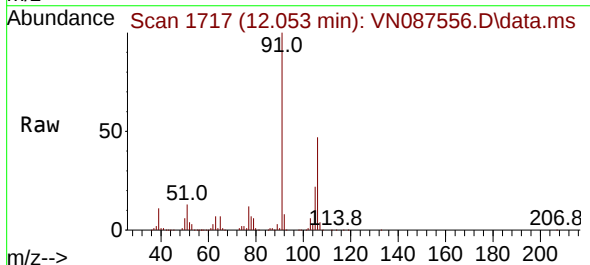
Manual Integrations
APPROVED

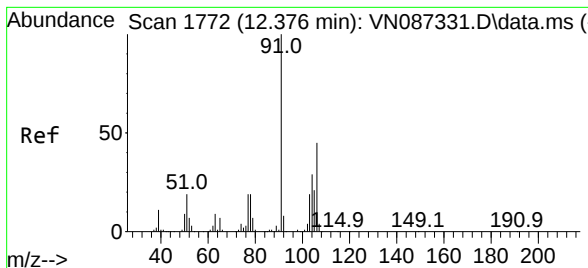
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#68
m/p-Xylenes
Concen: 41.025 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

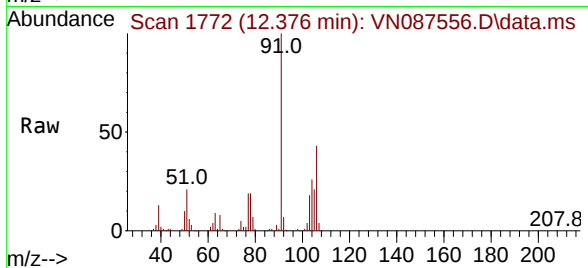
Tgt Ion:106 Resp: 248525
Ion Ratio Lower Upper
106 100
91 212.1 162.0 243.0





#69
o-Xylene
Concen: 21.062 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

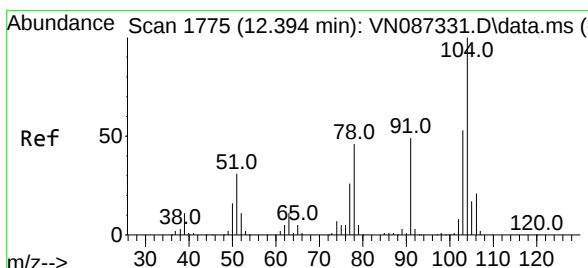
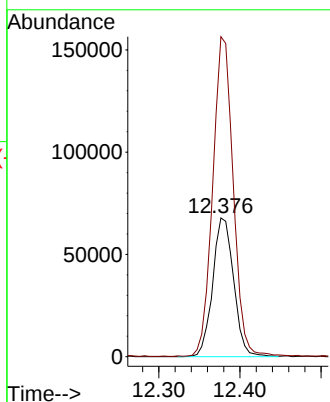
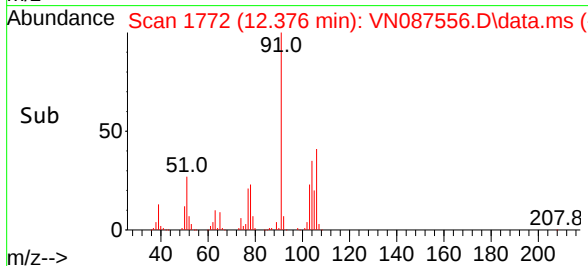
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion:106 Resp: 121878
Ion Ratio Lower Upper
106 100
91 225.8 107.7 323.3

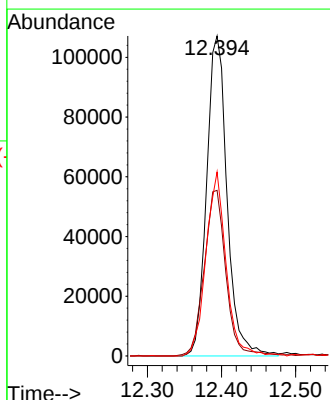
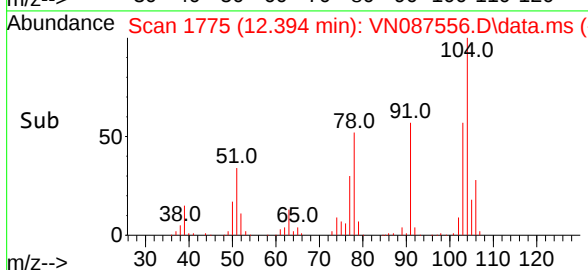
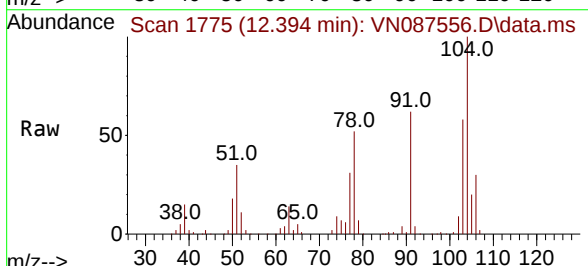
Manual Integrations
APPROVED

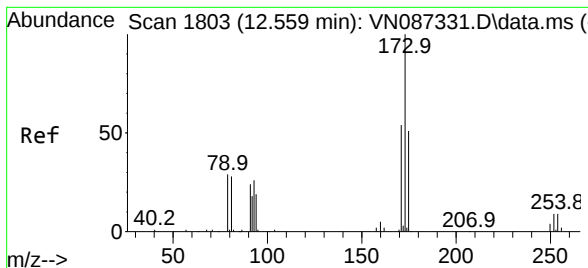
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 21.130 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion:104 Resp: 205687
Ion Ratio Lower Upper
104 100
78 55.0 41.0 61.6
103 56.4 43.9 65.9





#71

Bromoform

Concen: 17.996 ug/l

RT: 12.565 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

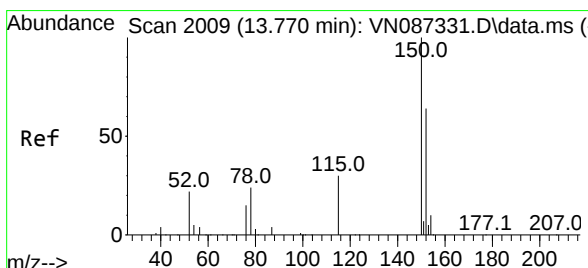
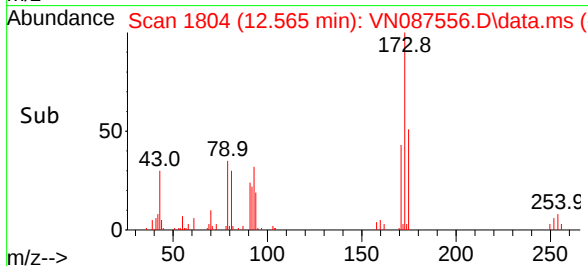
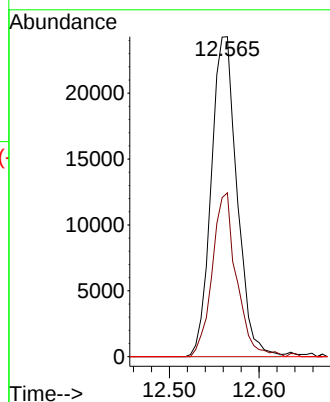
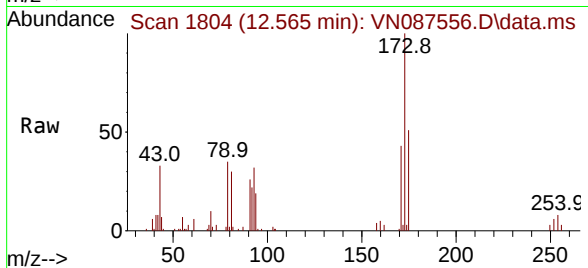
Tgt Ion:173	Resp:	4858
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.1 72.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

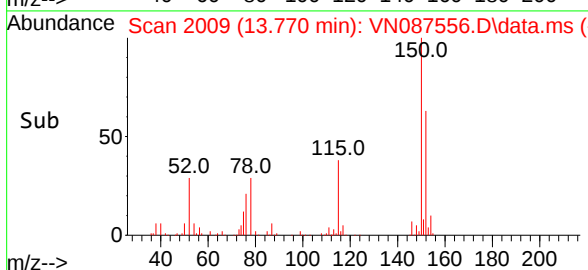
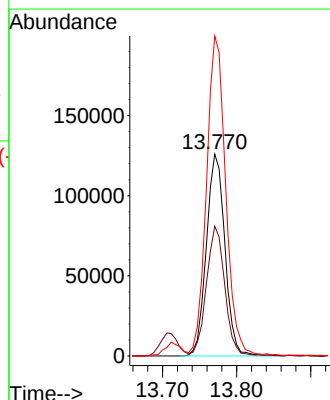
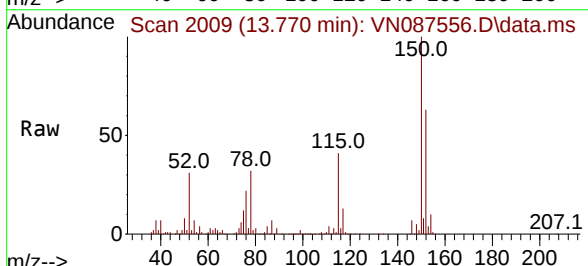
RT: 13.770 min Scan# 2009

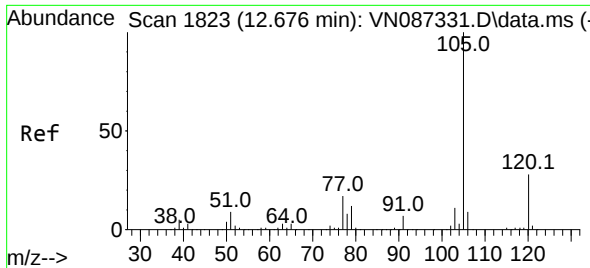
Delta R.T. 0.000 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

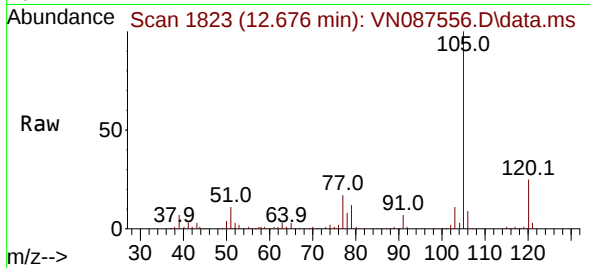
Tgt Ion:152	Resp:	219431
Ion Ratio	Lower	Upper
152	100	
115	63.5	31.1 93.5
150	163.5	0.0 349.0





#73
Isopropylbenzene
Concen: 23.122 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

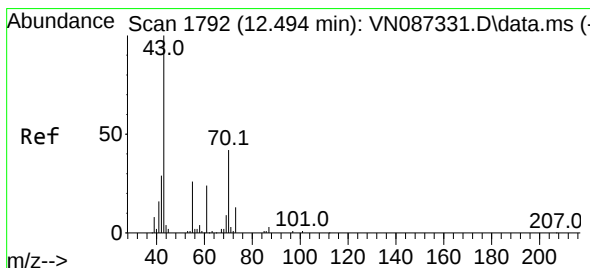
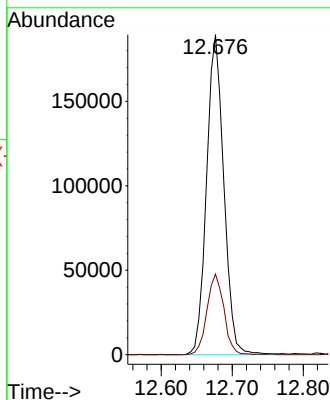
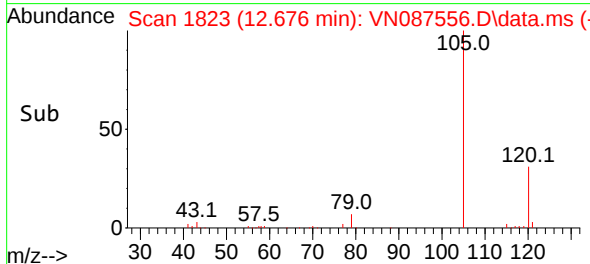
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



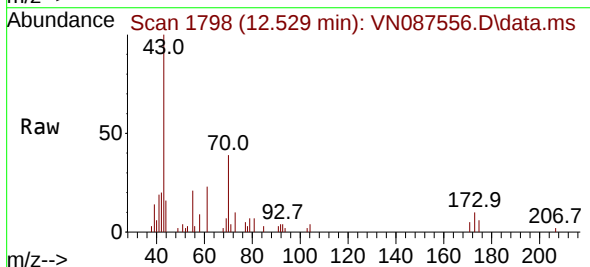
Tgt Ion: 105 Resp: 31933
Ion Ratio Lower Upper
105 100
120 24.7 13.4 40.1

Manual Integrations
APPROVED

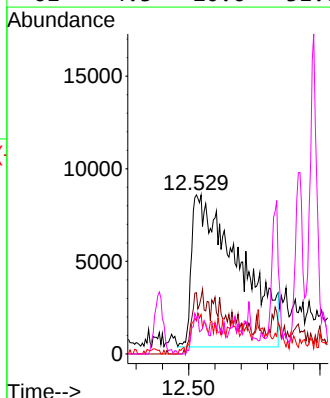
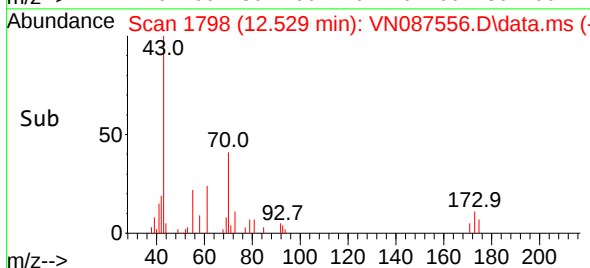
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

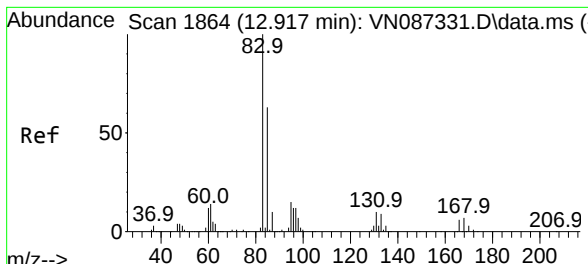


#74
N-ethyl acetate
Concen: 17.949 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.035 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



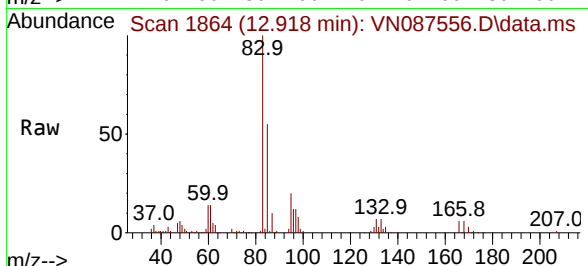
Tgt Ion: 43 Resp: 102993
Ion Ratio Lower Upper
43 100
70 5.6 37.6 56.4#
55 7.7 19.6 29.4#
61 4.3 20.6 31.0#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.768 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087556.D
 Acq: 14 Aug 2025 11:41

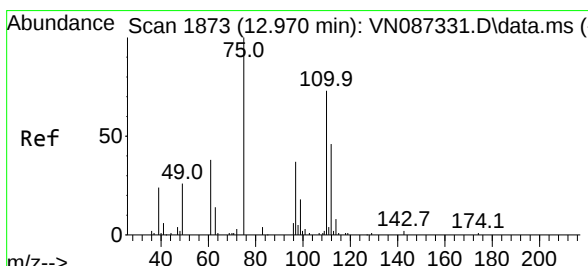
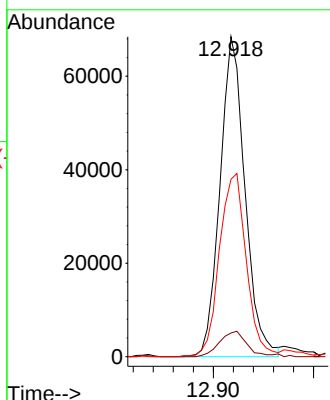
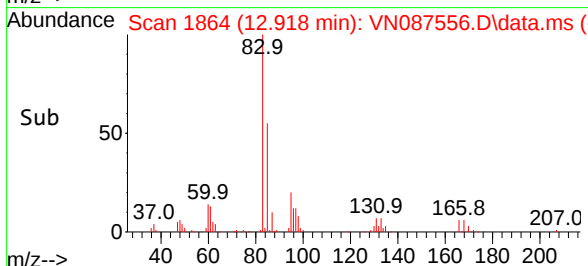
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01



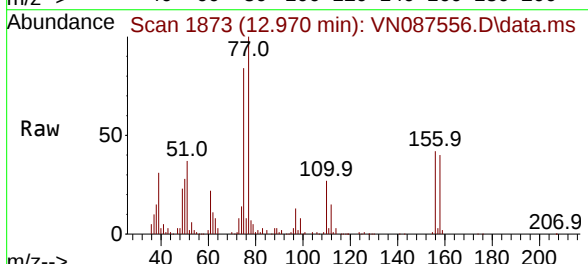
Tgt Ion: 83 Resp: 11831
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.1 15.3
 85 61.4 32.5 97.4

Manual Integrations
 APPROVED

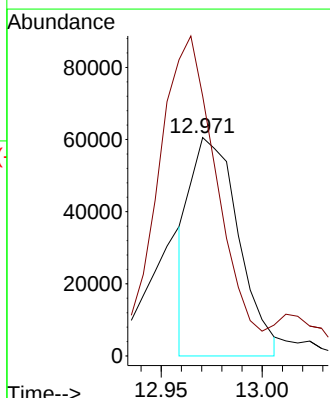
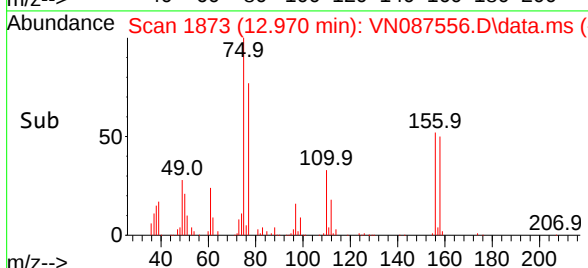
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

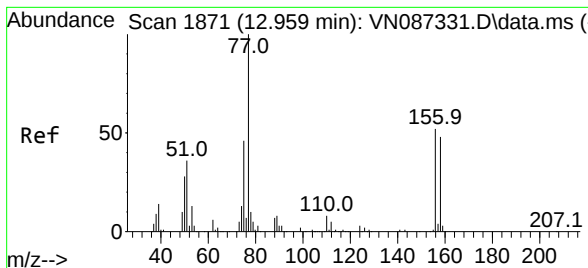


#76
 1,2,3-Trichloropropane
 Concen: 20.586 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087556.D
 Acq: 14 Aug 2025 11:41



Tgt Ion: 75 Resp: 101293
 Ion Ratio Lower Upper
 75 100
 77 180.2 94.5 283.6





#77

Bromobenzene

Concen: 20.140 ug/l

RT: 12.965 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

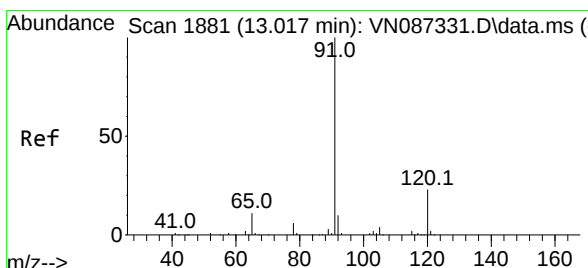
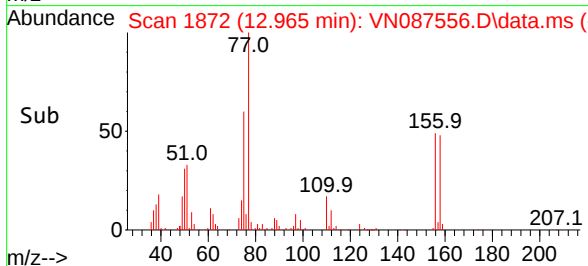
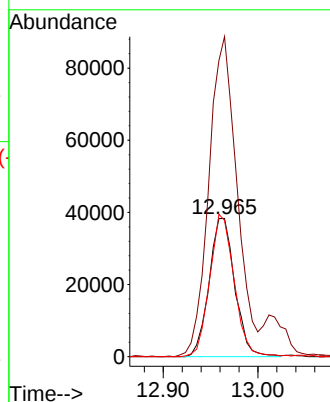
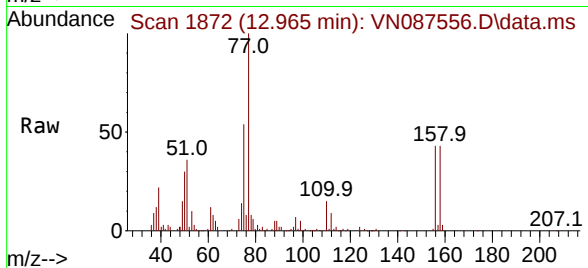
Tgt Ion:	156	Resp:	72130
Ion Ratio	Lower	Upper	
156	100		
77	253.1	114.9	344.6
158	98.4	48.5	145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#78

n-propylbenzene

Concen: 22.778 ug/l

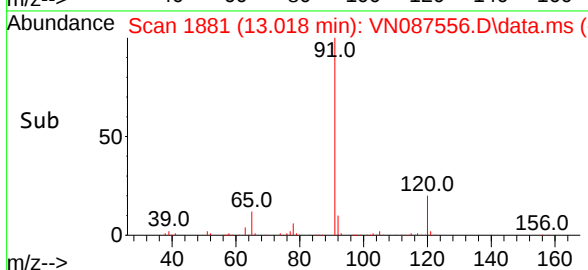
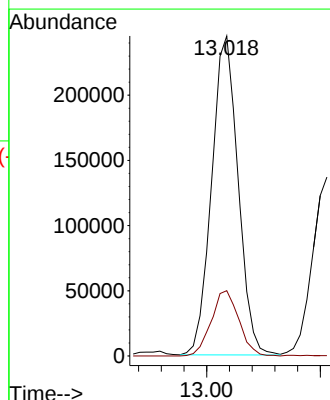
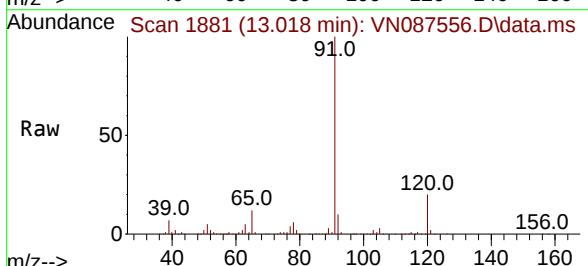
RT: 13.018 min Scan# 1881

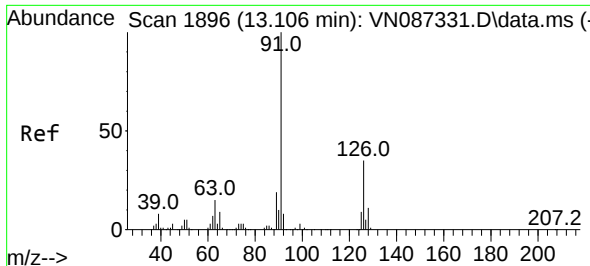
Delta R.T. 0.000 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

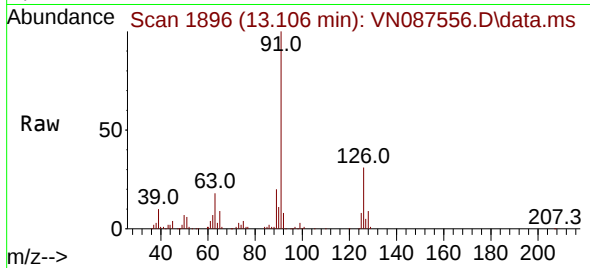
Tgt Ion:	91	Resp:	395792
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.3	33.8





#79
2-Chlorotoluene
Concen: 21.957 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

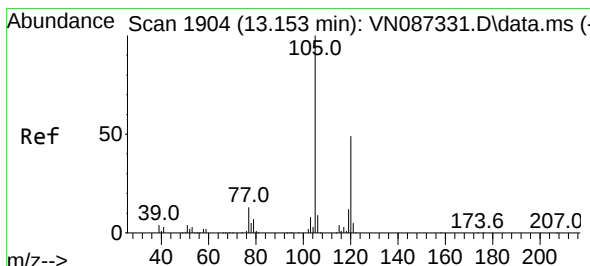
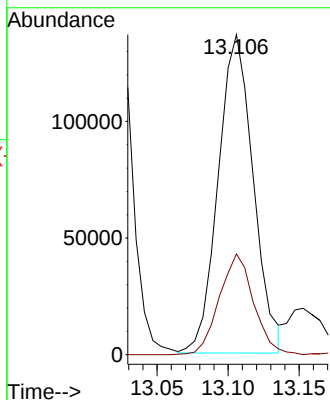
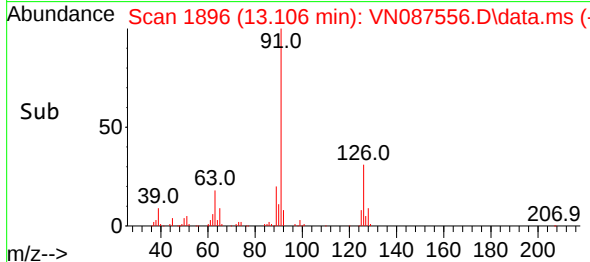
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



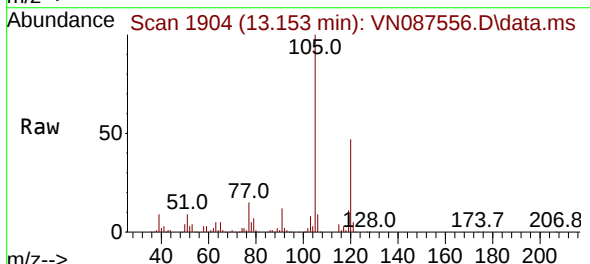
Tgt Ion: 91 Resp: 234478
Ion Ratio Lower Upper
91 100
126 31.0 16.9 50.6

Manual Integrations
APPROVED

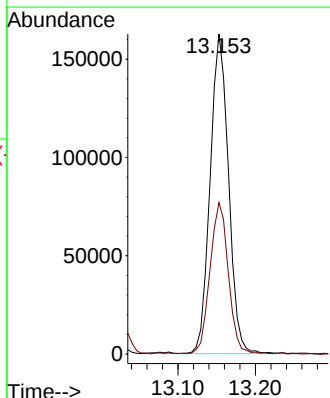
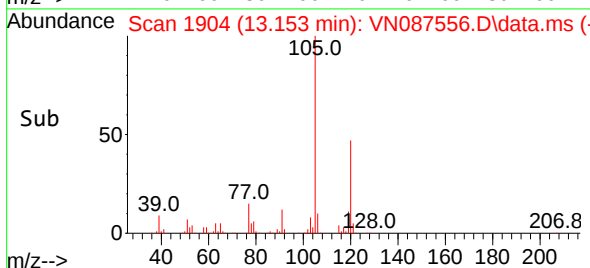
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

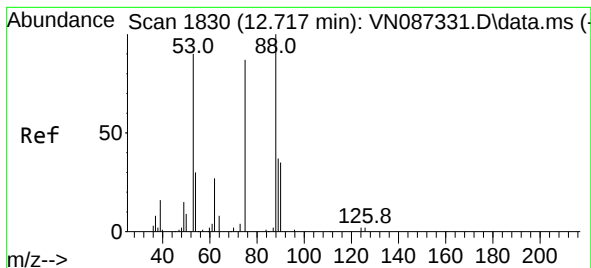


#80
1,3,5-Trimethylbenzene
Concen: 22.778 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



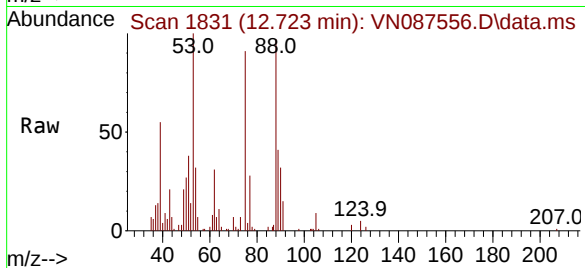
Tgt Ion:105 Resp: 268028
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.583 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

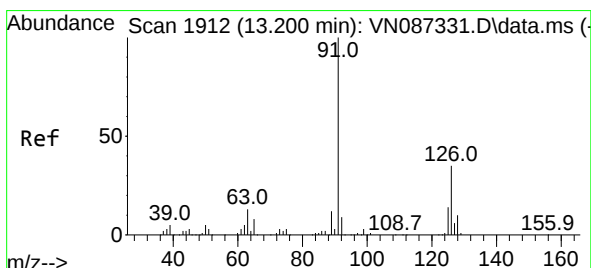
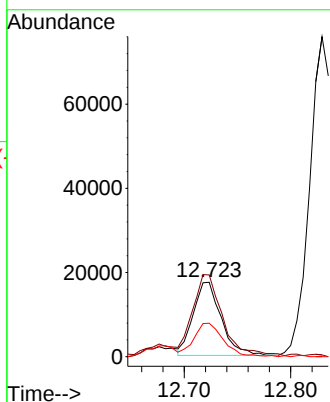
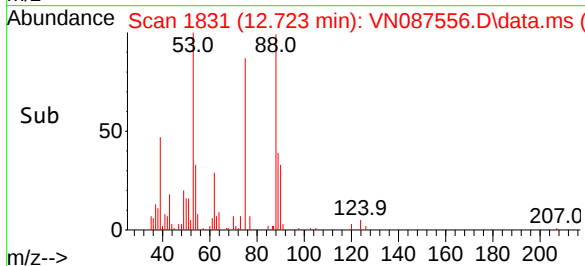
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 75 Resp: 31620
Ion Ratio Lower Upper
75 100
53 118.7 83.5 125.3
89 48.7 38.4 57.6

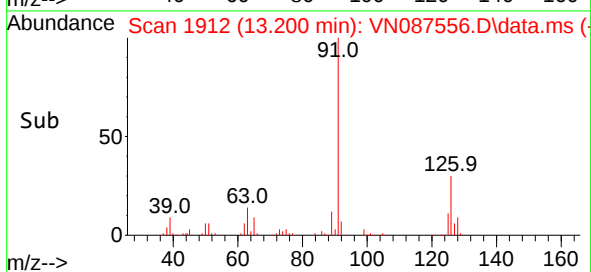
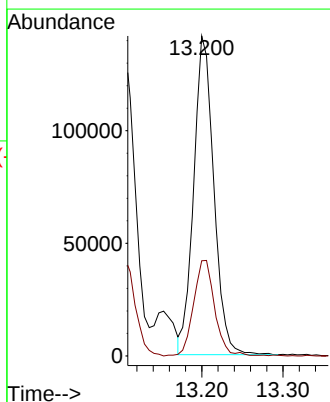
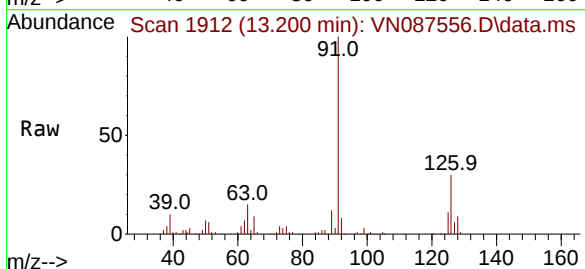
Manual Integrations
APPROVED

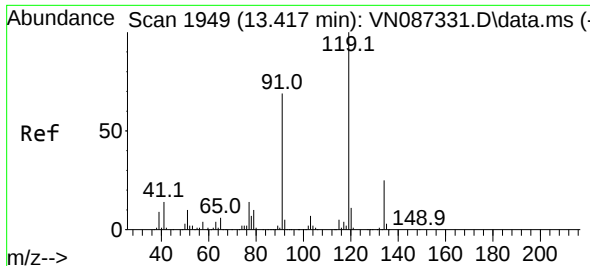
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 21.960 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

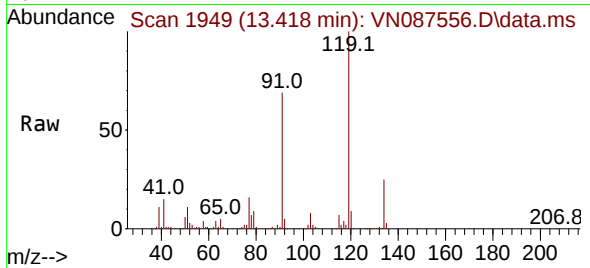
Tgt Ion: 91 Resp: 244155
Ion Ratio Lower Upper
91 100
126 31.5 16.6 49.7





#83
tert-Butylbenzene
Concen: 24.238 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

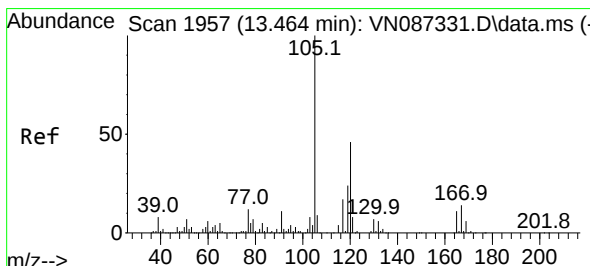
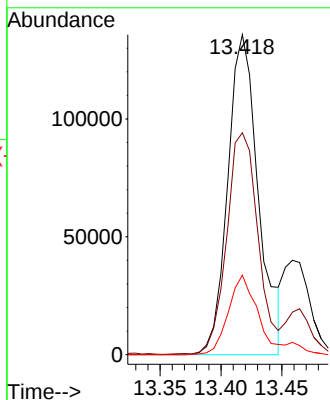
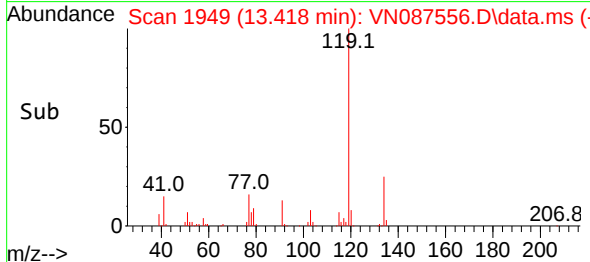
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



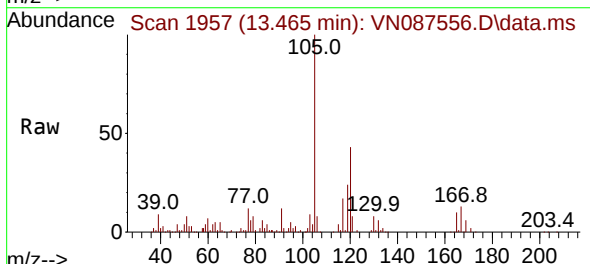
Tgt Ion:119 Resp: 238209
Ion Ratio Lower Upper
119 100
91 70.6 35.0 105.1
134 25.8 12.6 37.6

Manual Integrations
APPROVED

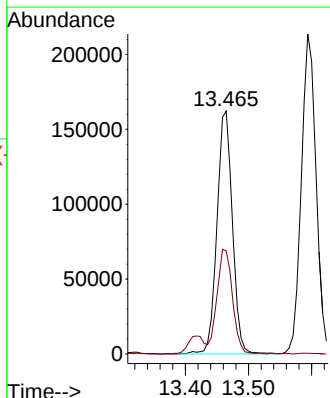
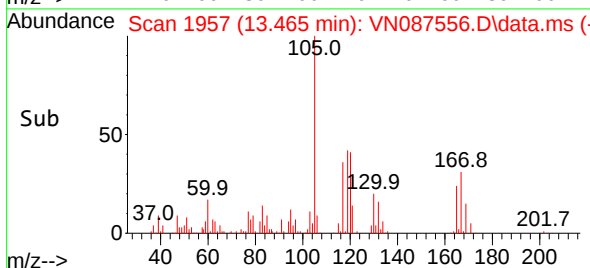
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

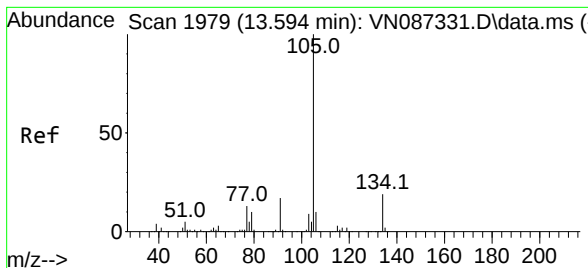


#84
1,2,4-Trimethylbenzene
Concen: 22.941 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



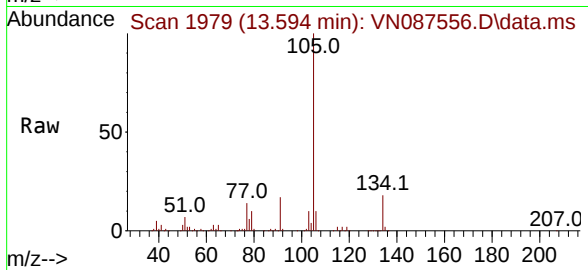
Tgt Ion:105 Resp: 275667
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 23.463 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087556.D
 Acq: 14 Aug 2025 11:41

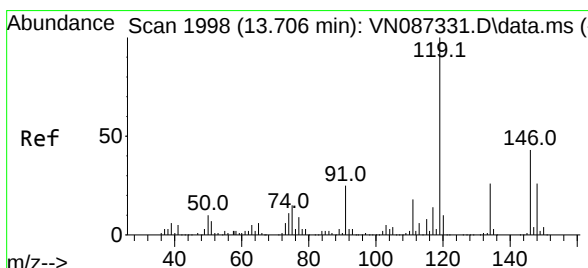
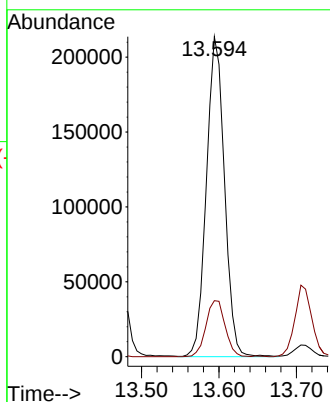
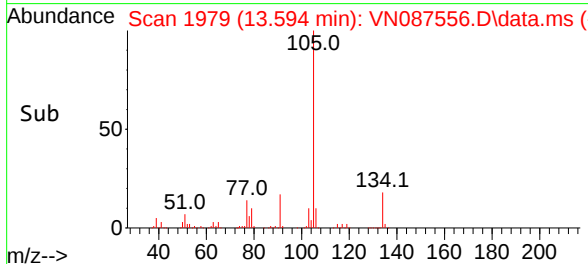
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01



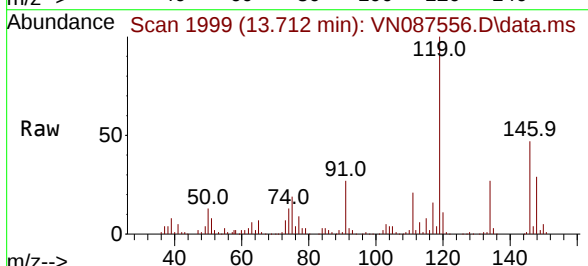
Tgt Ion:105 Resp: 347328
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

Manual Integrations
 APPROVED

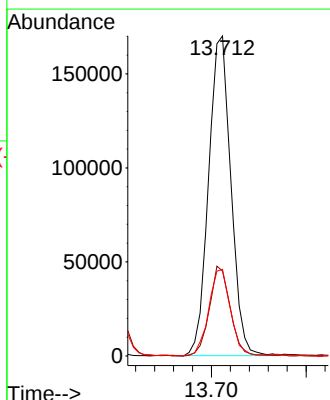
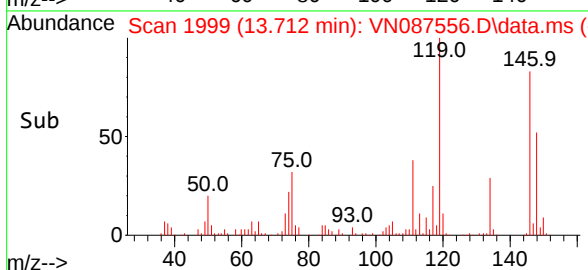
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

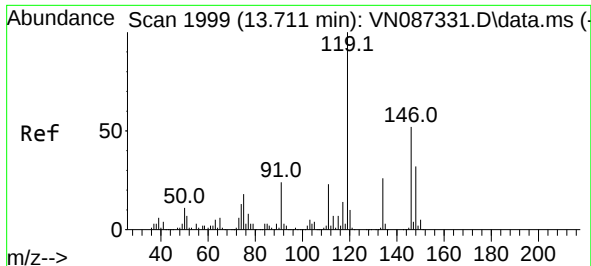


#86
 p-Isopropyltoluene
 Concen: 23.429 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087556.D
 Acq: 14 Aug 2025 11:41



Tgt Ion:119 Resp: 277942
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.5
 91 26.5 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.442 ug/l

RT: 13.718 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

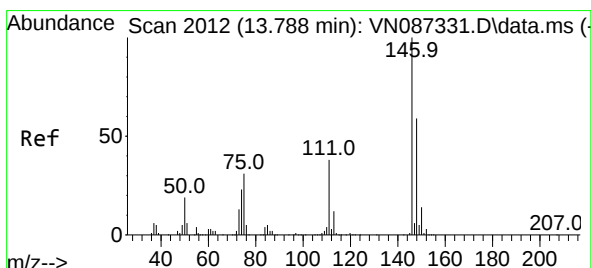
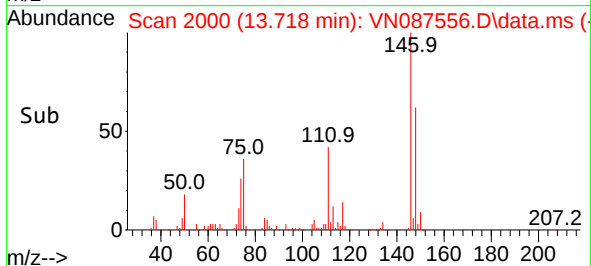
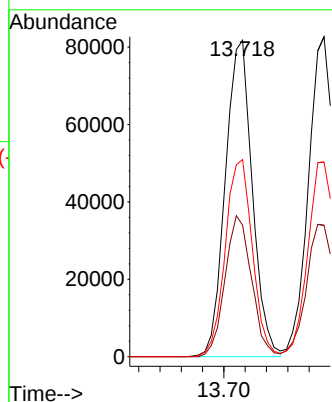
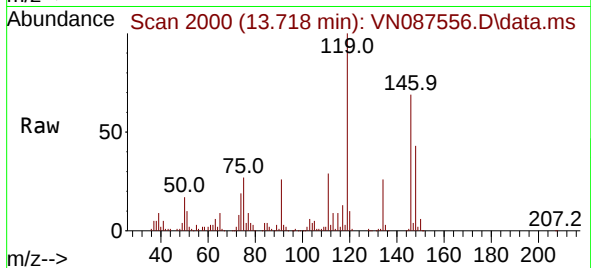
Tgt Ion:	146	Resp:	14369
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.4	64.3
148	62.7	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 19.538 ug/l

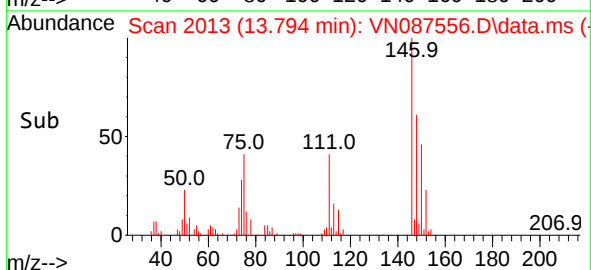
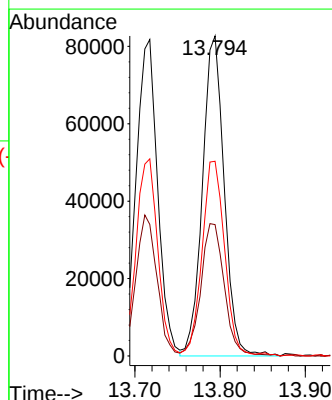
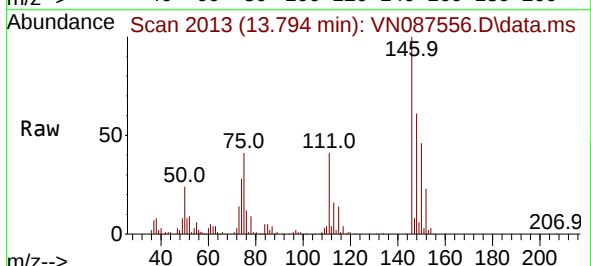
RT: 13.794 min Scan# 2013

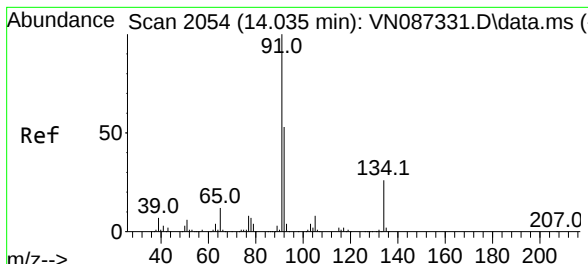
Delta R.T. 0.006 min

Lab File: VN087556.D

Acq: 14 Aug 2025 11:41

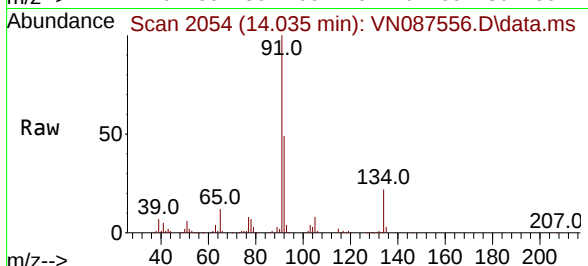
Tgt Ion:	146	Resp:	146684
Ion Ratio	Lower	Upper	
146	100		
111	44.6	19.6	58.7
148	61.7	31.4	94.0





#89
n-Butylbenzene
Concen: 25.101 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

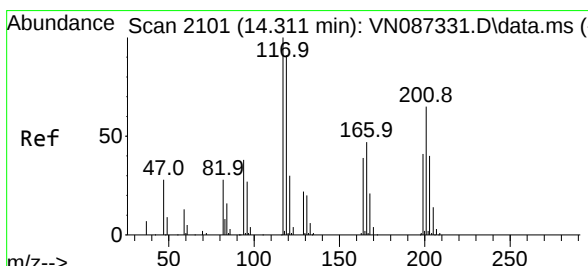
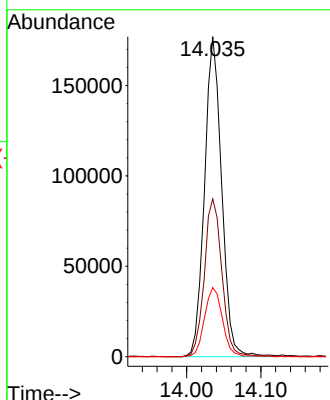
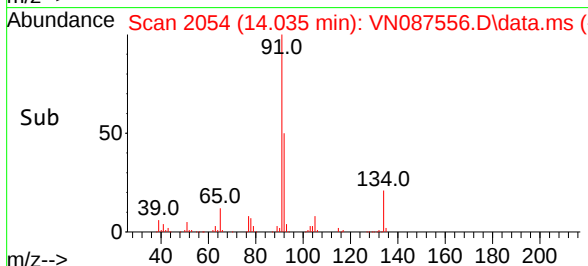
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



Tgt Ion: 91 Resp: 28434
Ion Ratio Lower Upper
91 100
92 50.6 26.2 78.6
134 22.7 12.4 37.2

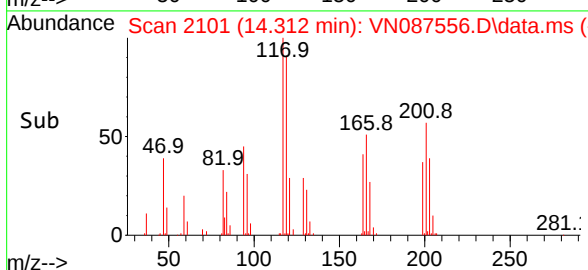
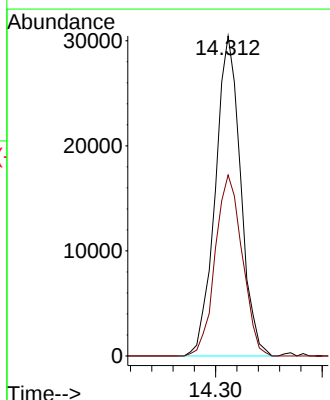
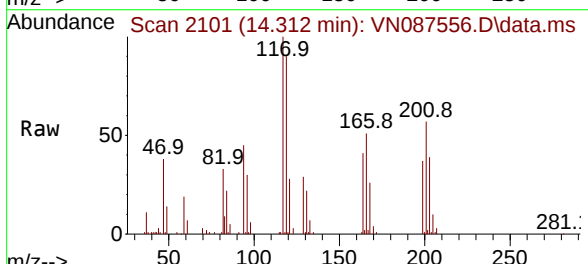
Manual Integrations
APPROVED

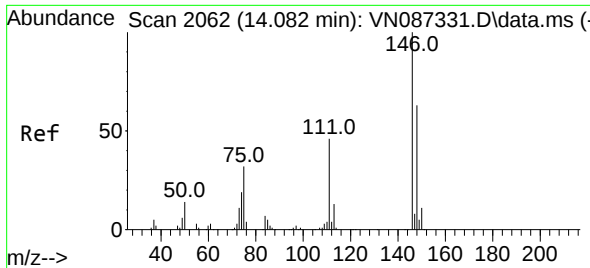
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 19.992 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion:117 Resp: 50252
Ion Ratio Lower Upper
117 100
201 60.2 32.8 98.4





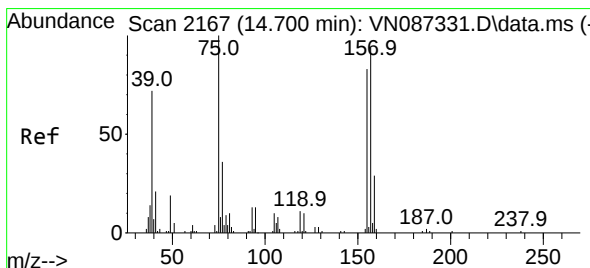
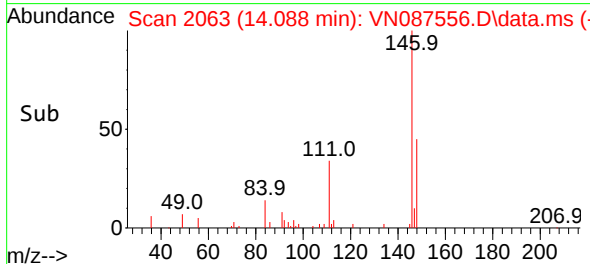
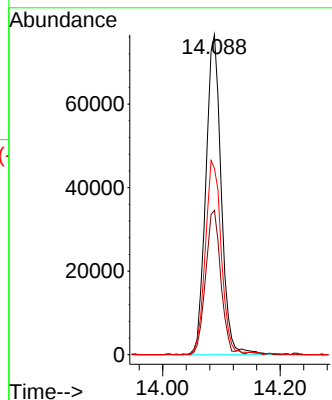
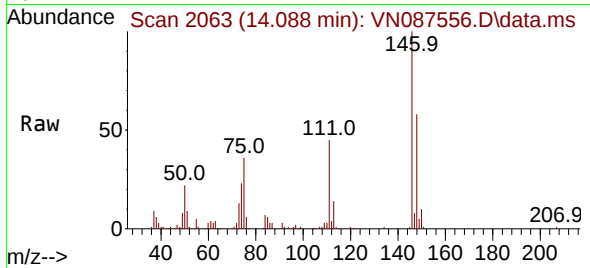
#91
1,2-Dichlorobenzene
Concen: 20.901 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion:146 Resp: 139190
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 63.0 32.7 98.1

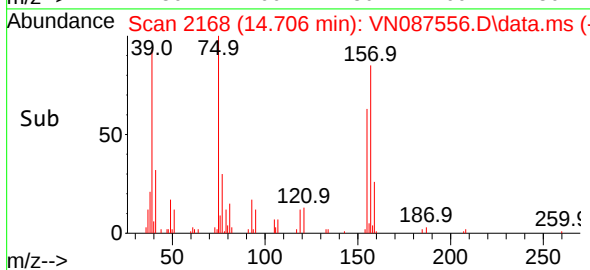
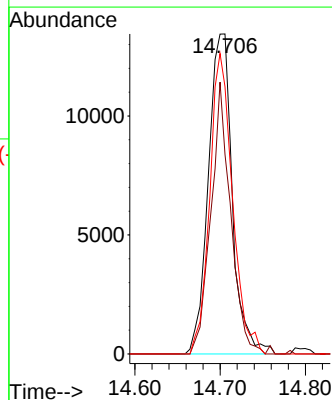
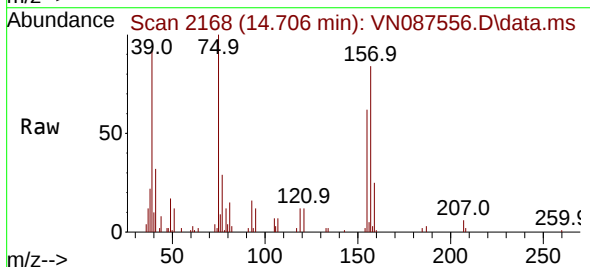
Manual Integrations
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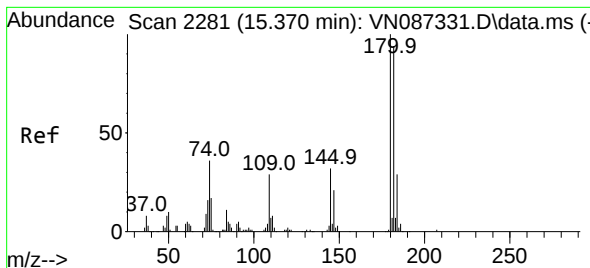
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.279 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

Tgt Ion: 75 Resp: 26304
Ion Ratio Lower Upper
75 100
155 70.0 37.3 111.8
157 89.2 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 21.312 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087556.D

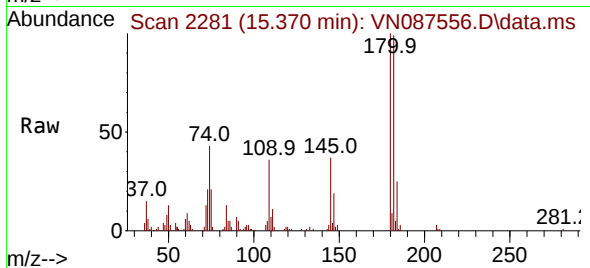
Acq: 14 Aug 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01



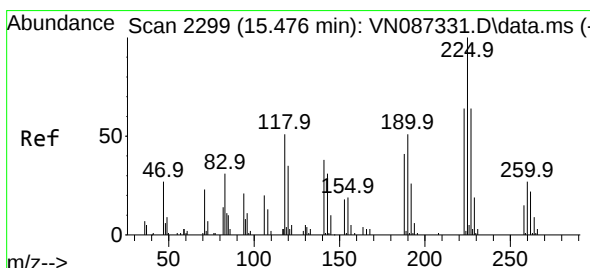
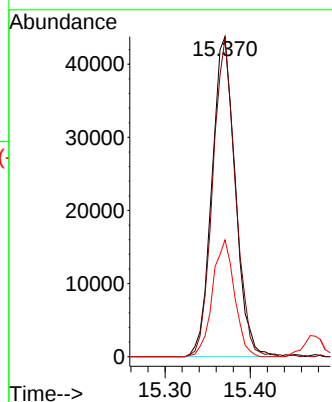
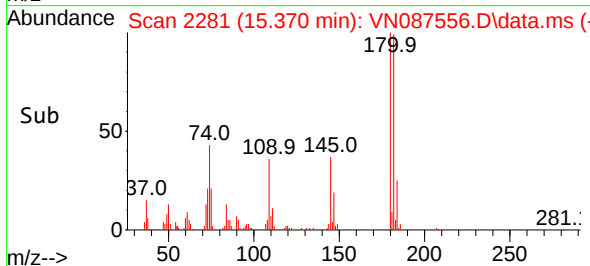
Tgt Ion:	180	Resp:	8336
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.3	141.8
145	34.3	15.4	46.4

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

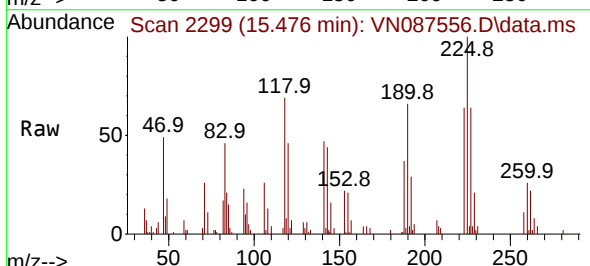
Concen: 22.970 ug/l

RT: 15.476 min Scan# 2299

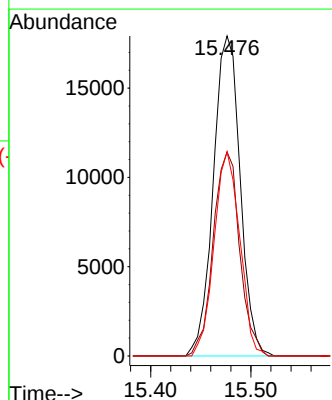
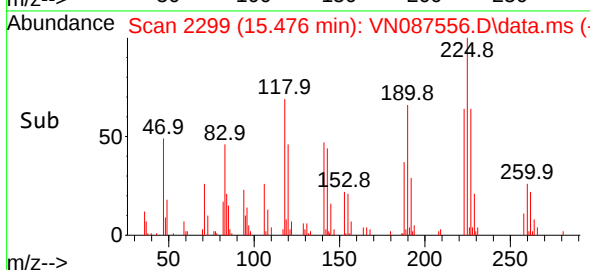
Delta R.T. 0.000 min

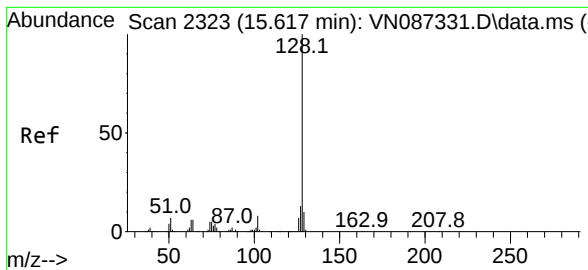
Lab File: VN087556.D

Acq: 14 Aug 2025 11:41



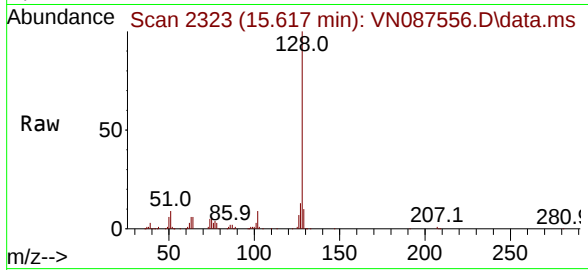
Tgt Ion:	225	Resp:	33388
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.1	96.3
227	61.0	31.3	93.9





#95
Naphthalene
Concen: 22.124 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41

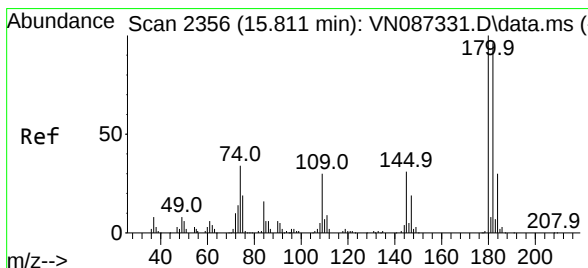
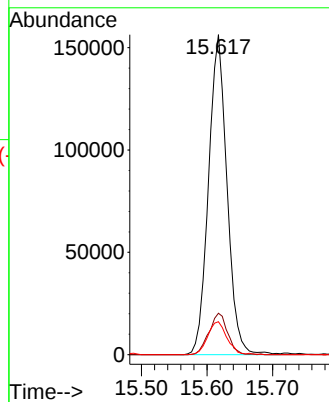
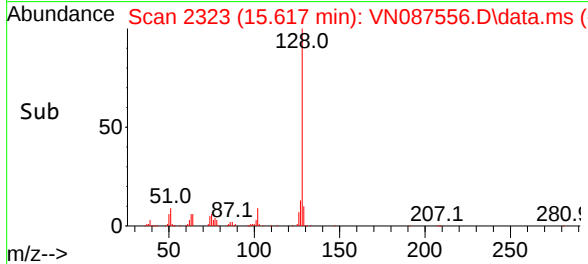
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01



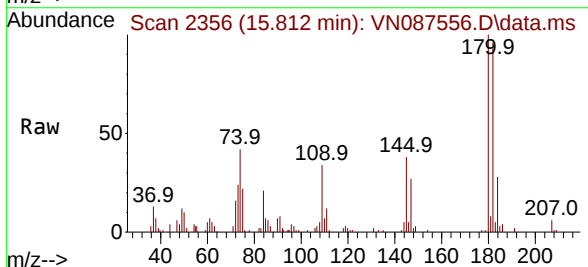
Tgt Ion:128 Resp: 30659
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.266 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087556.D
Acq: 14 Aug 2025 11:41



Tgt Ion:180 Resp: 79522
Ion Ratio Lower Upper
180 100
182 97.2 47.1 141.4
145 36.0 16.9 50.6

