

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087979.D
 Acq On : 29 Sep 2025 13:52
 Operator : JC\MD
 Sample : VN0929WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:53:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	232531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	434358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	404738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	188738	48.230	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	8.147	113	144805	45.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.840%		
50) Toluene-d8	10.547	98	522853	47.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.829	95	181963	45.902	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.147	85	55493	20.607	ug/l	91
3) Chloromethane	2.383	50	55685	20.195	ug/l	98
4) Vinyl Chloride	2.542	62	56560	20.106	ug/l	98
5) Bromomethane	2.977	94	34849	19.983	ug/l	100
6) Chloroethane	3.136	64	38387	20.987	ug/l #	87
7) Trichlorofluoromethane	3.506	101	97680	21.327	ug/l	96
8) Diethyl Ether	3.965	74	36017	20.815	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	56051	23.154	ug/l	97
10) Methyl Iodide	4.577	142	48941	22.464	ug/l	96
11) Tert butyl alcohol	5.535	59	64948	115.227	ug/l	100
12) 1,1-Dichloroethene	4.330	96	51476	21.075	ug/l	85
13) Acrolein	4.183	56	60046	83.025	ug/l	98
14) Allyl chloride	5.012	41	80202	20.169	ug/l	98
15) Acrylonitrile	5.706	53	183415	103.739	ug/l	98
16) Acetone	4.424	43	166865	103.636	ug/l	97
17) Carbon Disulfide	4.700	76	143798	18.843	ug/l	98
18) Methyl Acetate	5.018	43	95440	23.685	ug/l	100
19) Methyl tert-butyl Ether	5.782	73	187471	19.648	ug/l	100
20) Methylene Chloride	5.265	84	65365	20.056	ug/l #	95
21) trans-1,2-Dichloroethene	5.771	96	59309	19.807	ug/l	94
22) Diisopropyl ether	6.659	45	197424	21.267	ug/l	93
23) Vinyl Acetate	6.588	43	850872	108.861	ug/l	98
24) 1,1-Dichloroethane	6.553	63	110533	20.381	ug/l	97
25) 2-Butanone	7.471	43	257735	104.728	ug/l	98
26) 2,2-Dichloropropane	7.471	77	96330	19.992	ug/l	100
27) cis-1,2-Dichloroethene	7.476	96	70050	19.661	ug/l	99
28) Bromochloromethane	7.800	49	51431	17.454	ug/l	94
29) Tetrahydrofuran	7.835	42	169691	107.685	ug/l	99
30) Chloroform	7.947	83	123752	20.869	ug/l	96
31) Cyclohexane	8.241	56	87382	19.913	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	104924	20.940	ug/l	95
36) 1,1-Dichloropropene	8.359	75	79196	20.884	ug/l	99
37) Ethyl Acetate	7.553	43	101860	20.455	ug/l	98
38) Carbon Tetrachloride	8.341	117	88245	20.280	ug/l	98
39) Methylcyclohexane	9.582	83	80627	19.274	ug/l	95
40) Benzene	8.588	78	250676	19.965	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	52143	20.262	ug/l	97
42) 1,2-Dichloroethane	8.653	62	96346	20.562	ug/l	99
43) Isopropyl Acetate	8.676	43	160242	20.443	ug/l	97
44) Trichloroethene	9.335	130	60111	20.042	ug/l	83
45) 1,2-Dichloropropane	9.606	63	64240	20.404	ug/l	98
46) Dibromomethane	9.694	93	49646	19.983	ug/l	94
47) Bromodichloromethane	9.870	83	101878	20.908	ug/l	97
48) Methyl methacrylate	9.665	41	72078	19.857	ug/l	95
49) 1,4-Dioxane	9.682	88	27026	503.988	ug/l #	95
51) 4-Methyl-2-Pentanone	10.423	43	532051	108.779	ug/l	97
52) Toluene	10.612	92	155465	19.731	ug/l	96
53) t-1,3-Dichloropropene	10.817	75	95985	19.247	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	103886	20.057	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	67350	21.023	ug/l	97
56) Ethyl methacrylate	10.859	69	87006	18.795	ug/l	99
57) 1,3-Dichloropropane	11.141	76	105754	20.070	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	250411	115.049	ug/l	99
59) 2-Hexanone	11.182	43	332762	102.892	ug/l	99
60) Dibromochloromethane	11.335	129	76105	20.204	ug/l	98
61) 1,2-Dibromoethane	11.447	107	67408	19.875	ug/l	99
64) Tetrachloroethene	11.082	164	49294	19.994	ug/l	88
65) Chlorobenzene	11.870	112	176022	20.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	66199	21.313	ug/l	95
67) Ethyl Benzene	11.941	91	288769	20.092	ug/l	99
68) m/p-Xylenes	12.053	106	229146	41.689	ug/l	97
69) o-Xylene	12.376	106	103835	19.662	ug/l	96
70) Styrene	12.394	104	179729	19.817	ug/l	98
71) Bromoform	12.559	173	48783	19.359	ug/l #	96
73) Isopropylbenzene	12.676	105	267599	19.704	ug/l	99
74) N-amyl acetate	12.611	43	77461m	17.310	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	103215	21.093	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	96958m	22.446	ug/l	
77) Bromobenzene	12.958	156	74027	20.486	ug/l	93
78) n-propylbenzene	13.017	91	347591	20.470	ug/l	100
79) 2-Chlorotoluene	13.106	91	207100	20.031	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	240367	20.461	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.723	75	26491	17.030	ug/l	92
82) 4-Chlorotoluene	13.200	91	219106	21.032	ug/l	99
83) tert-Butylbenzene	13.417	119	194573	19.568	ug/l	95
84) 1,2,4-Trimethylbenzene	13.458	105	246119	20.426	ug/l	97
85) sec-Butylbenzene	13.594	105	297750	20.424	ug/l	100
86) p-Isopropyltoluene	13.705	119	243233	19.700	ug/l	97
87) 1,3-Dichlorobenzene	13.711	146	145641	20.654	ug/l	97
88) 1,4-Dichlorobenzene	13.794	146	144506	19.941	ug/l	96
89) n-Butylbenzene	14.035	91	239699	20.542	ug/l	97
90) Hexachloroethane	14.311	117	51393	19.927	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	137980	20.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22435	19.732	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	78014	19.439	ug/l	96
94) Hexachlorobutadiene	15.476	225	30773	20.833	ug/l	97
95) Naphthalene	15.617	128	246698	19.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	73267	18.779	ug/l	93

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

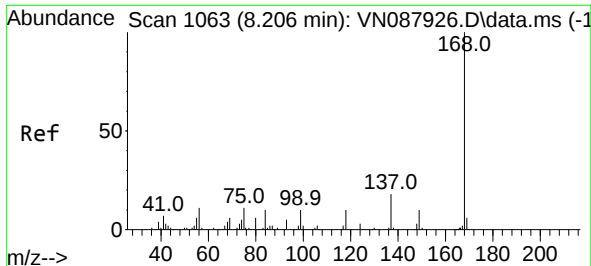
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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[illegible]



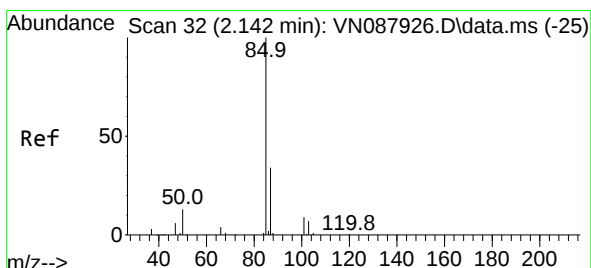
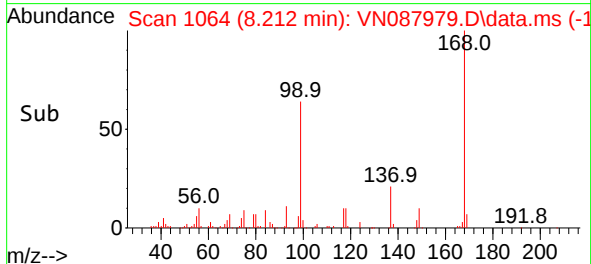
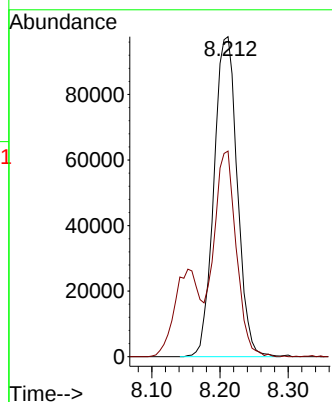
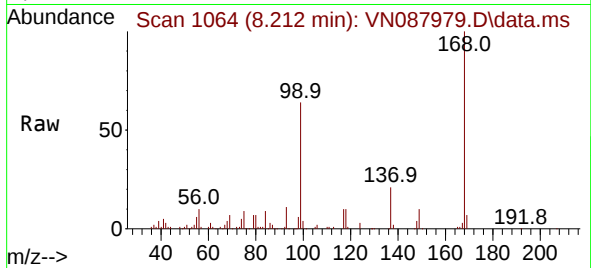
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 23253
Ion Ratio Lower Upper
168 100
99 64.3 52.2 78.2

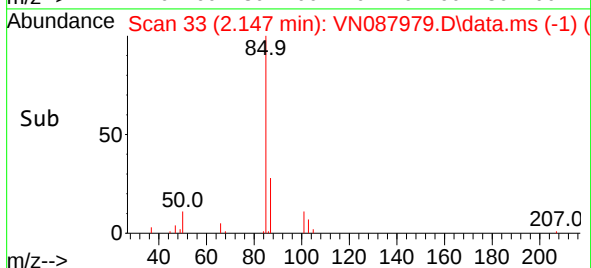
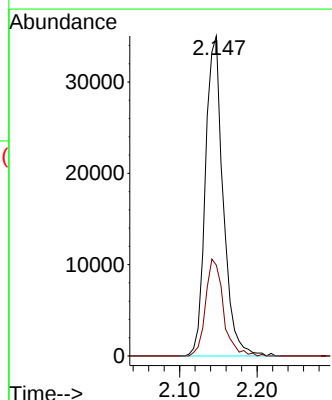
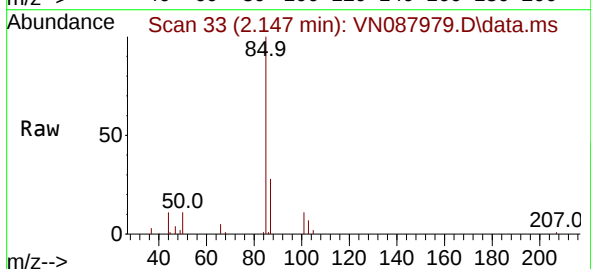
Manual Integrations
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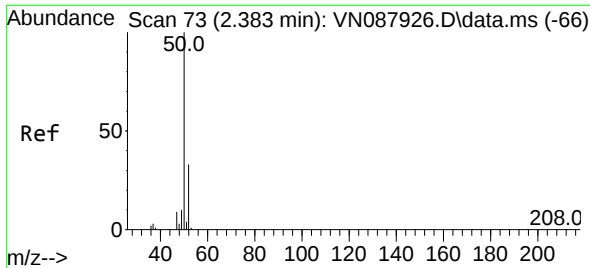
Reviewed By :John Carlone 09/30/2025
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#2
Dichlorodifluoromethane
Concen: 20.607 ug/l
RT: 2.147 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

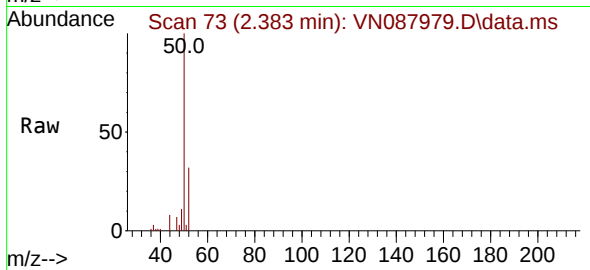
Tgt Ion: 85 Resp: 55493
Ion Ratio Lower Upper
85 100
87 28.4 16.9 50.6





#3
Chloromethane
Concen: 20.195 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

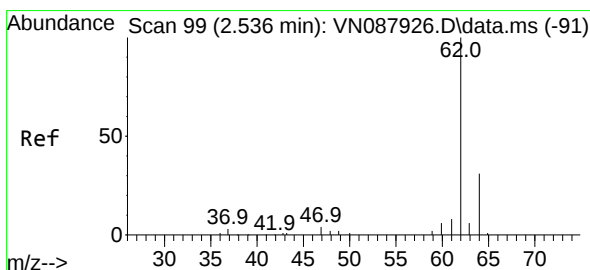
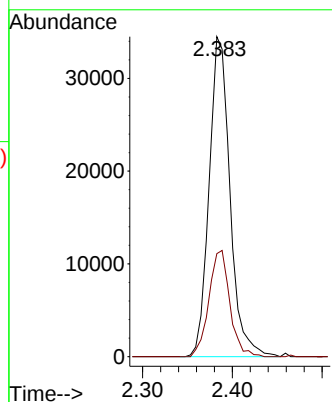
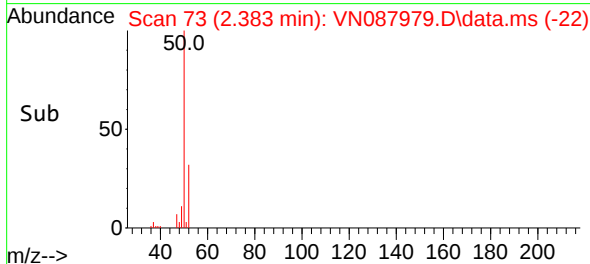
Instrument :
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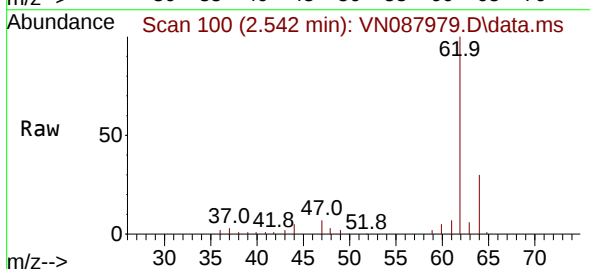
Tgt Ion: 50 Resp: 5568
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0

Manual Integrations
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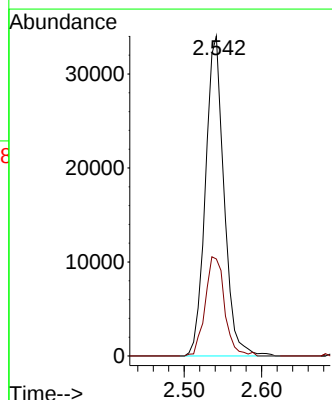
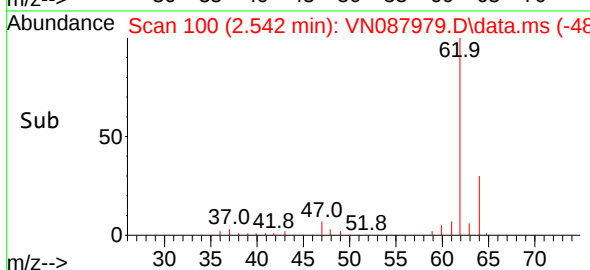
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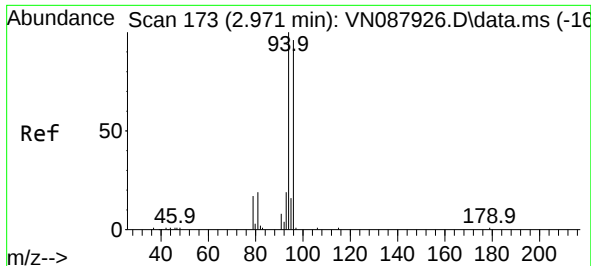


#4
Vinyl Chloride
Concen: 20.106 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



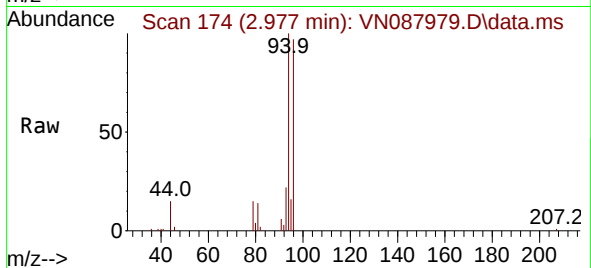
Tgt Ion: 62 Resp: 56560
Ion Ratio Lower Upper
62 100
64 30.3 25.2 37.8





#5
Bromomethane
Concen: 19.983 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

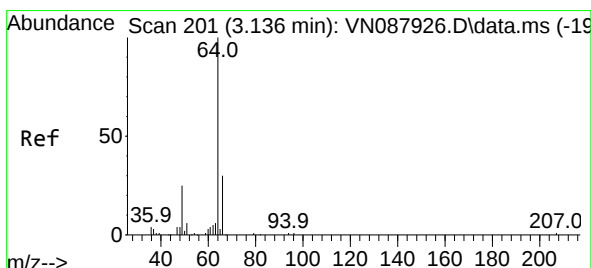
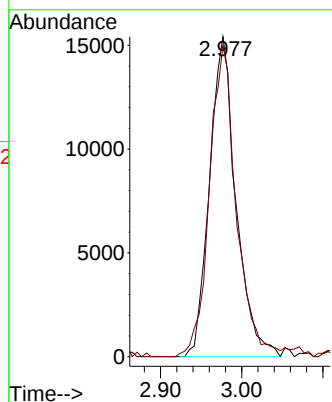
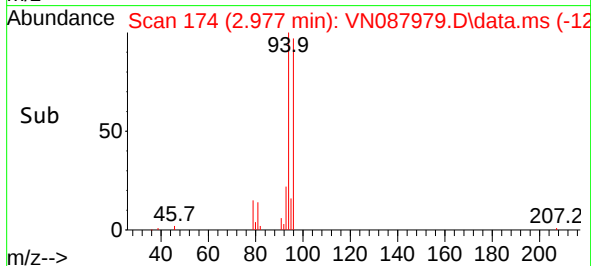
Instrument :
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Tgt Ion: 94 Resp: 34849
Ion Ratio Lower Upper
94 100
96 96.3 76.8 115.2

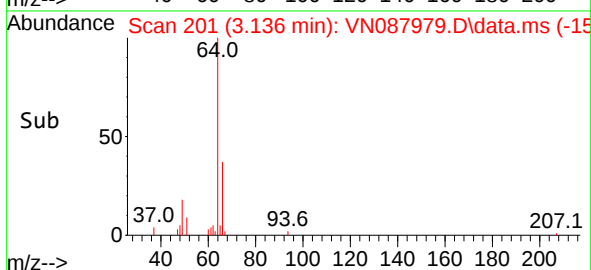
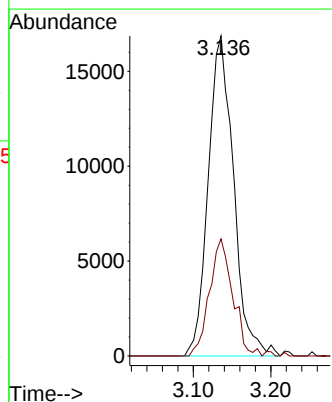
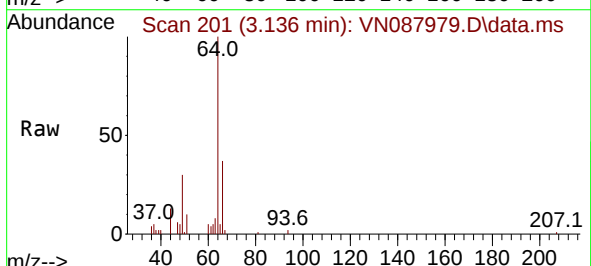
Manual Integrations
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#6
Chloroethane
Concen: 20.987 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 64 Resp: 38387
Ion Ratio Lower Upper
64 100
66 36.6 23.8 35.8#





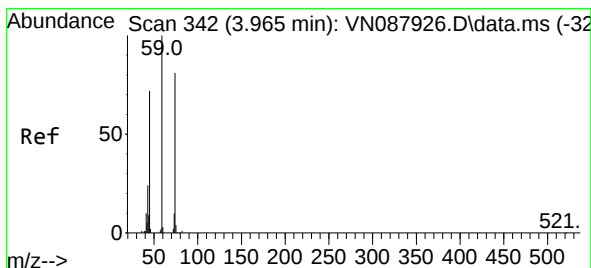
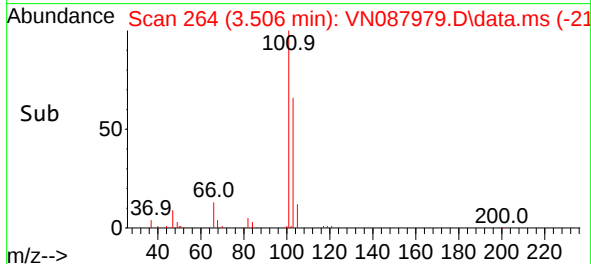
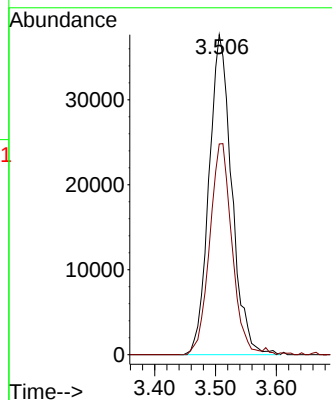
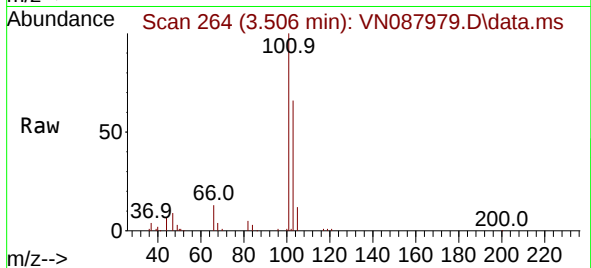
#7
Trichlorofluoromethane
Concen: 21.327 ug/l
RT: 3.506 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion:101 Resp: 97680
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.4

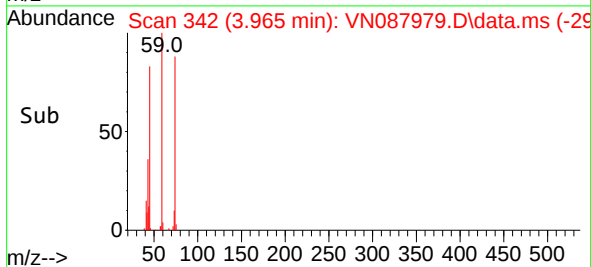
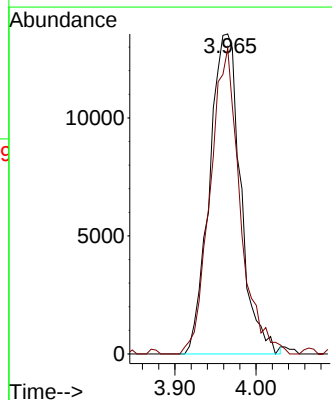
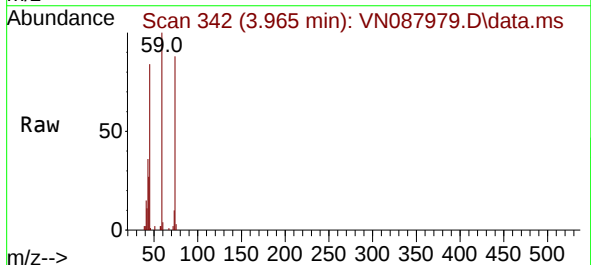
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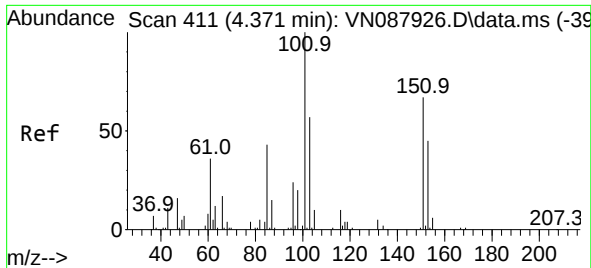
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#8
Diethyl Ether
Concen: 20.815 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 74 Resp: 36017
Ion Ratio Lower Upper
74 100
45 92.2 45.4 136.1





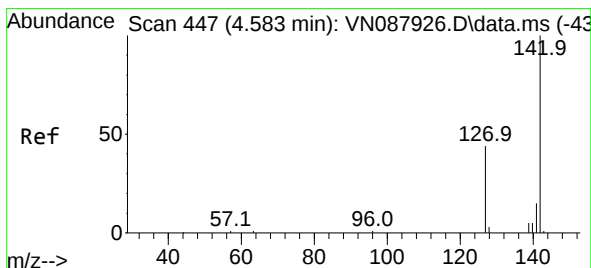
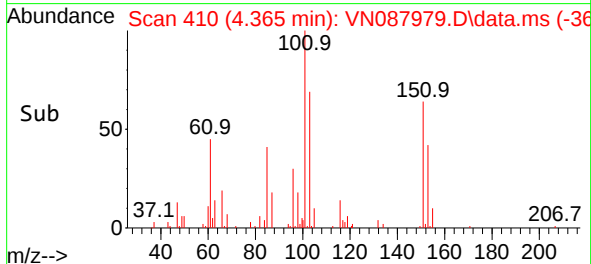
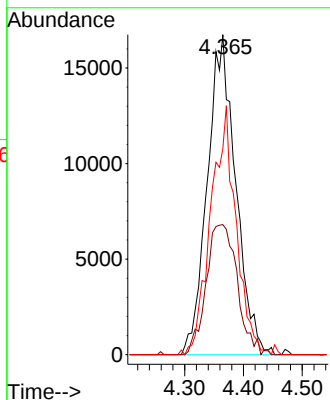
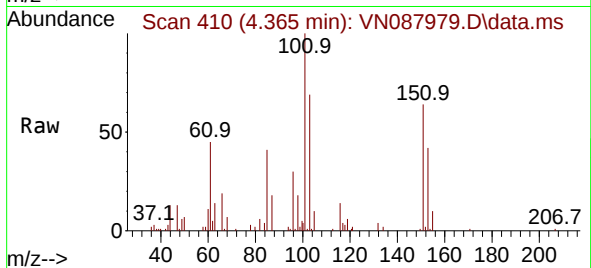
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.154 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion:101 Resp: 5605
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 69.2 58.6 87.8

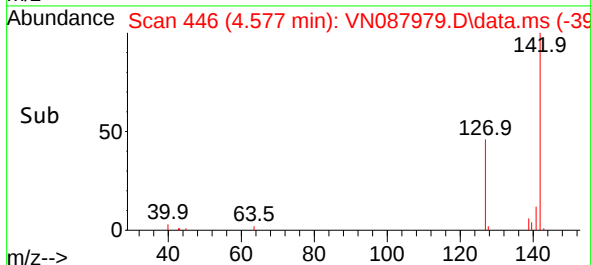
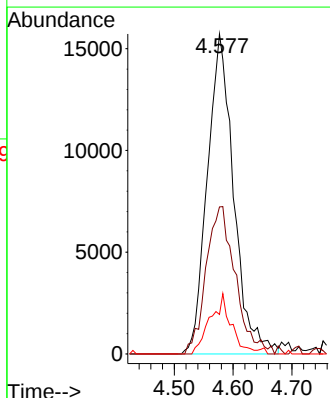
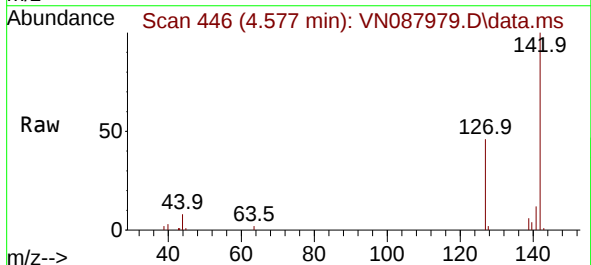
Manual Integrations
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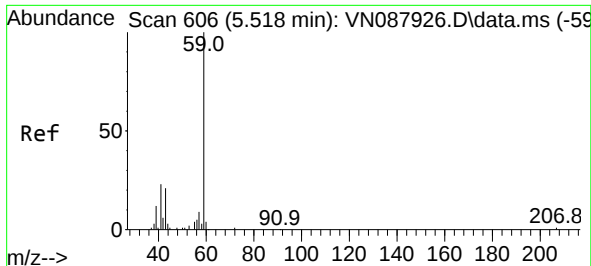
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 22.464 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

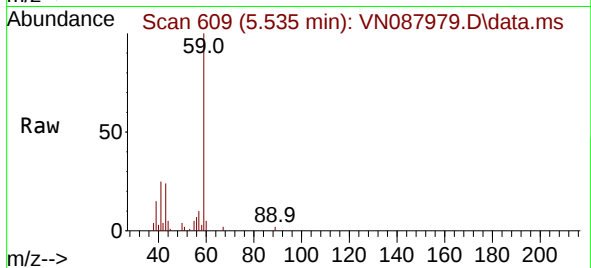
Tgt Ion:142 Resp: 48941
Ion Ratio Lower Upper
142 100
127 45.9 35.3 52.9
141 12.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 115.227 ug/l
RT: 5.535 min Scan# 609
Delta R.T. 0.017 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

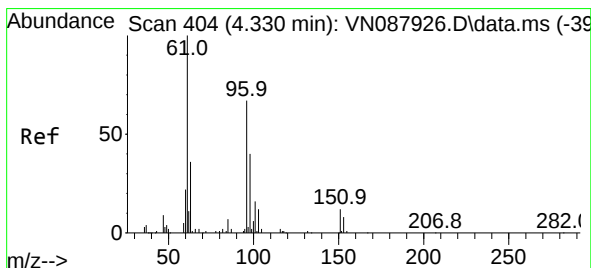
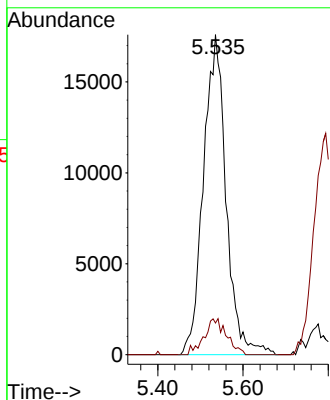
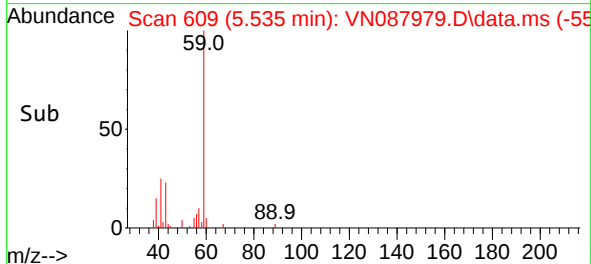
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



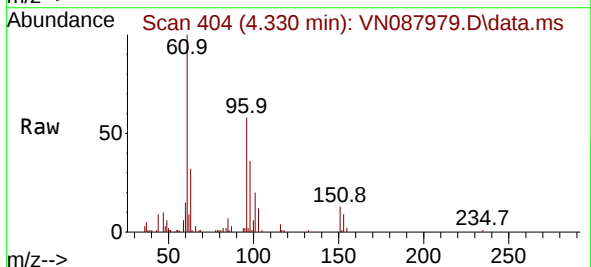
Tgt Ion: 59 Resp: 6494
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2

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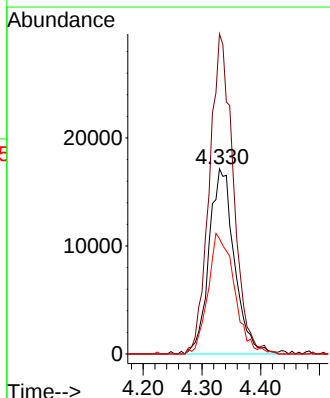
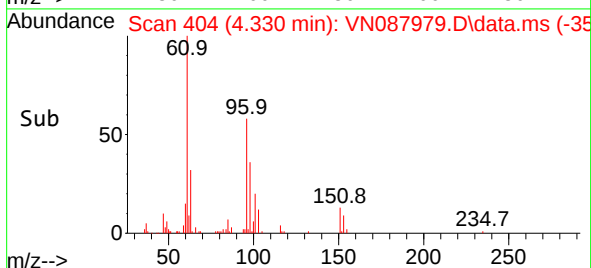
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

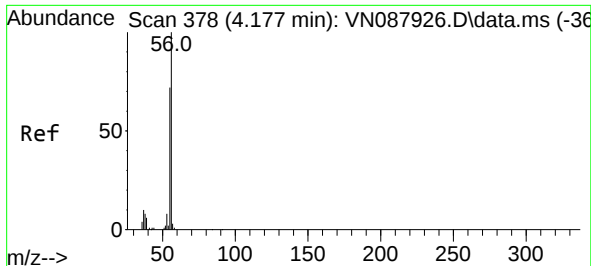


#12
1,1-Dichloroethene
Concen: 21.075 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



Tgt Ion: 96 Resp: 51476
Ion Ratio Lower Upper
96 100
61 172.9 119.2 178.8
98 62.4 47.5 71.3





#13

Acrolein

Concen: 83.025 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

Tgt Ion: 56 Resp: 6004

Ion Ratio Lower Upper

56 100

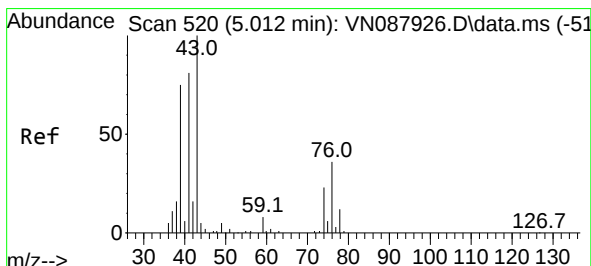
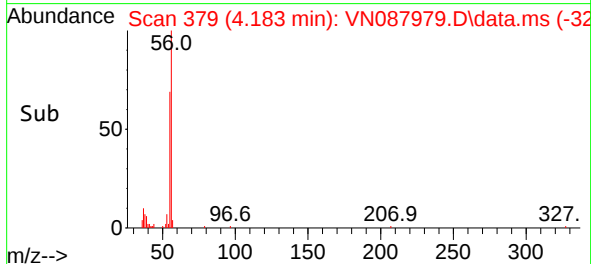
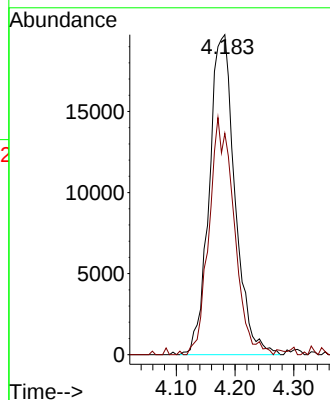
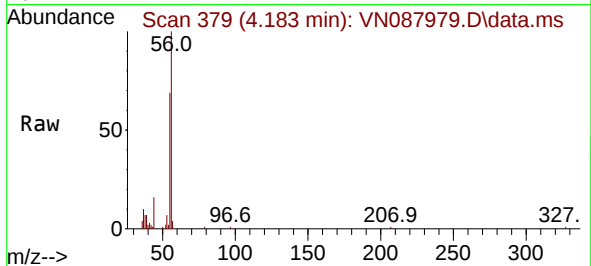
55 72.2 59.3 88.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#14

Allyl chloride

Concen: 20.169 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

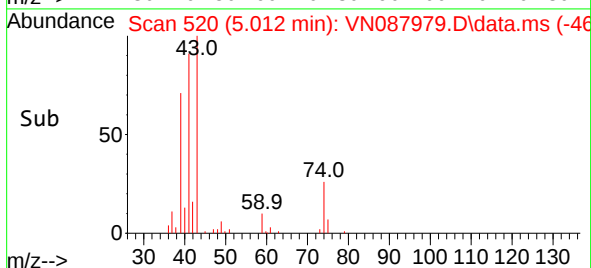
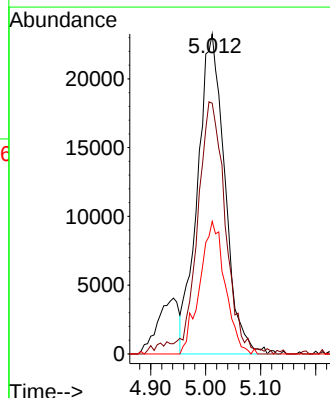
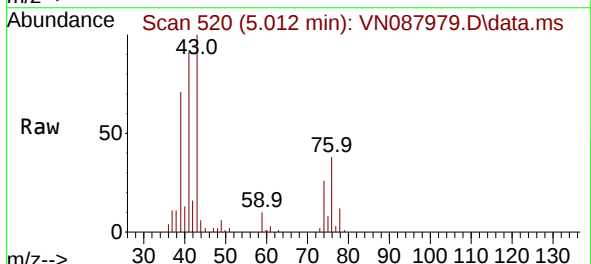
Tgt Ion: 41 Resp: 80202

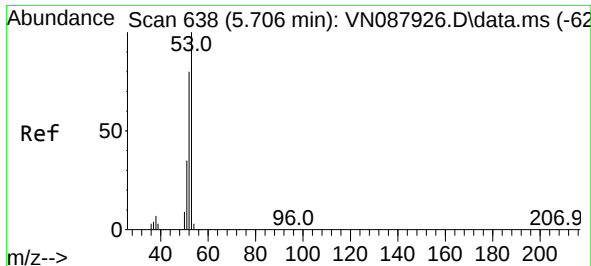
Ion Ratio Lower Upper

41 100

39 79.5 63.8 95.8

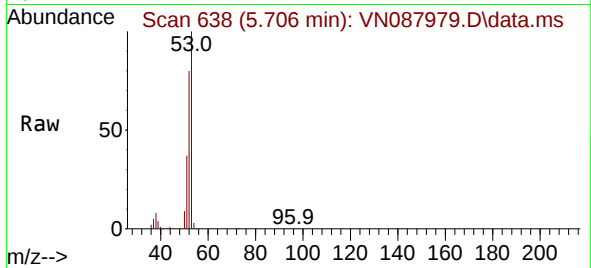
76 38.4 33.0 49.6





#15
Acrylonitrile
Concen: 103.739 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

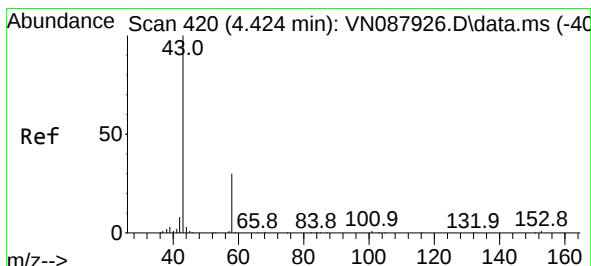
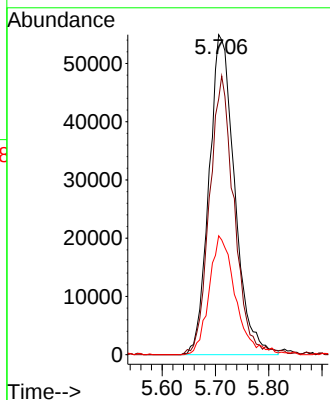
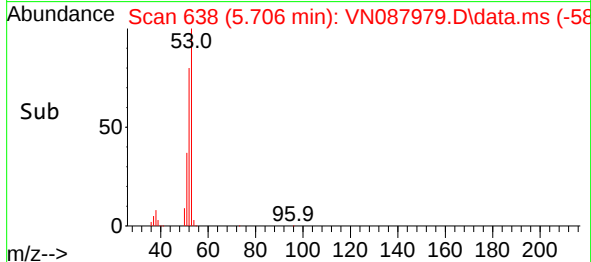
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 53 Resp: 183415
Ion Ratio Lower Upper
53 100
52 83.8 66.6 99.8
51 38.2 29.0 43.4

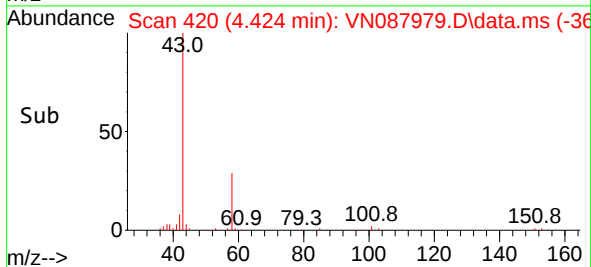
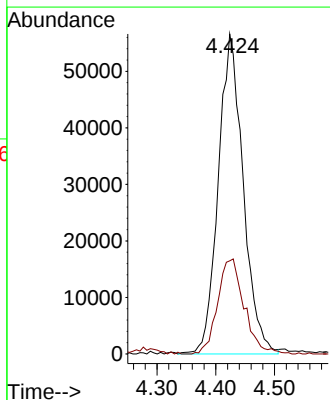
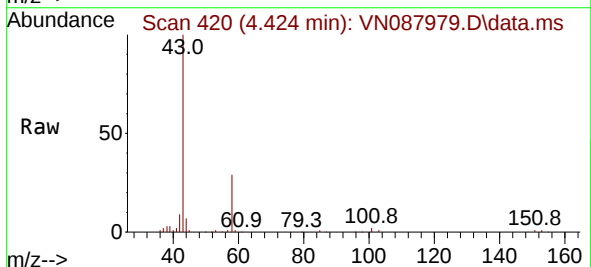
Manual Integrations
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Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 103.636 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

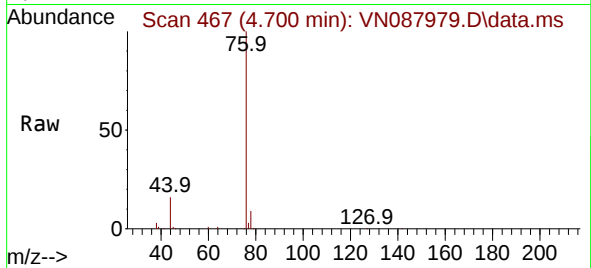
Tgt Ion: 43 Resp: 166865
Ion Ratio Lower Upper
43 100
58 28.6 24.1 36.1





#17
Carbon Disulfide
Concen: 18.843 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

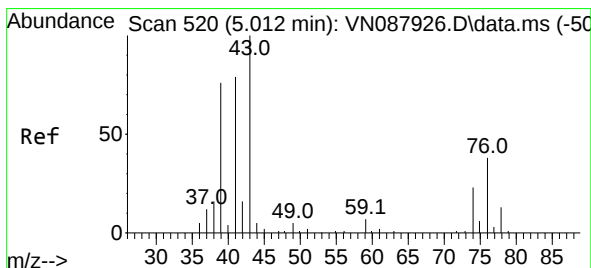
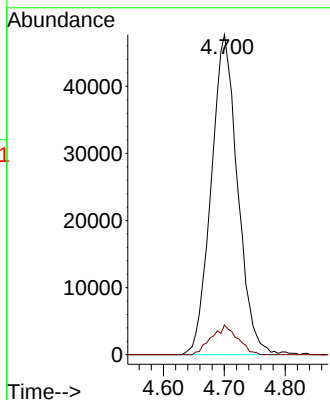
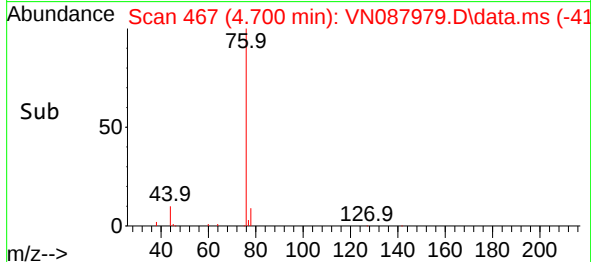
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



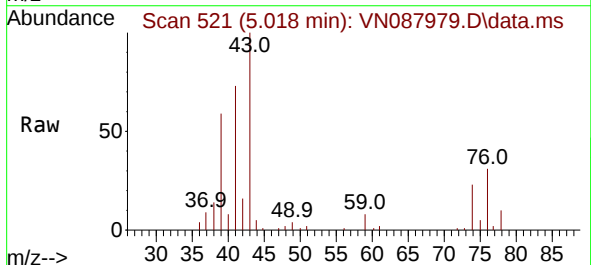
Tgt Ion: 76 Resp: 143798
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1

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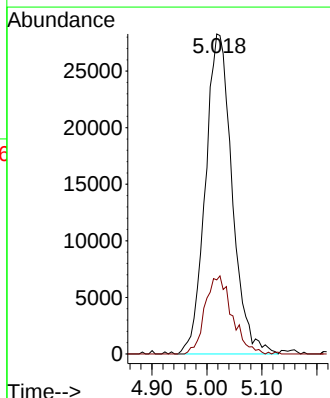
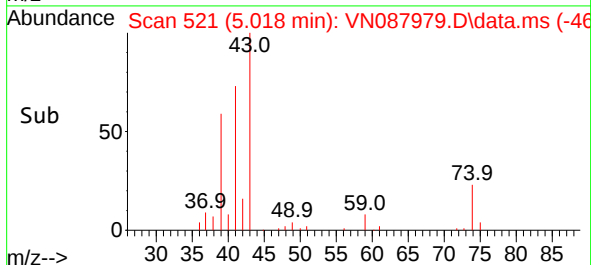
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

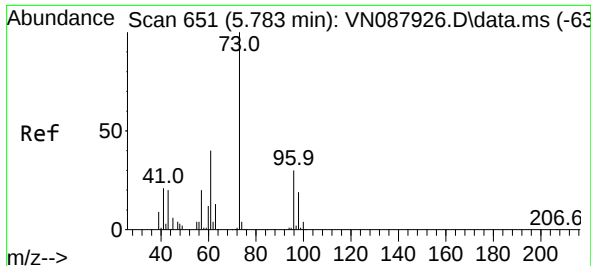


#18
Methyl Acetate
Concen: 23.685 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



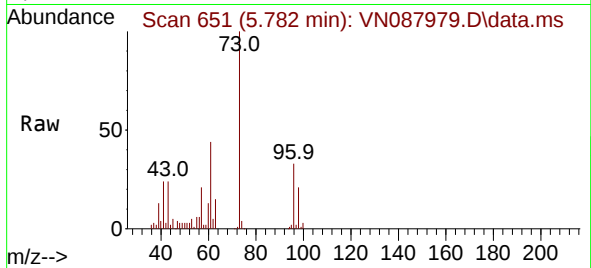
Tgt Ion: 43 Resp: 95440
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 19.648 ug/l
RT: 5.782 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

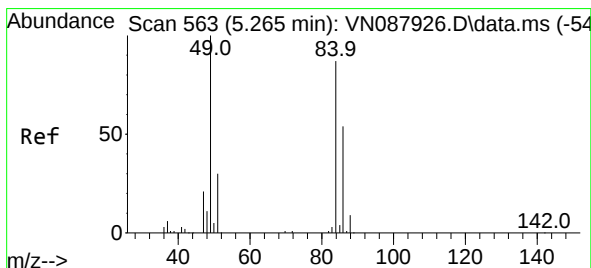
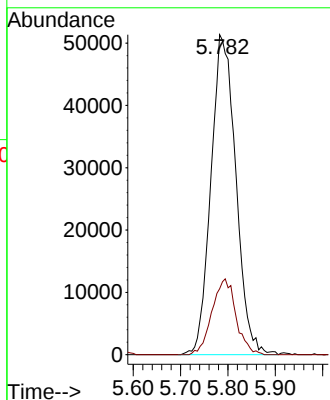
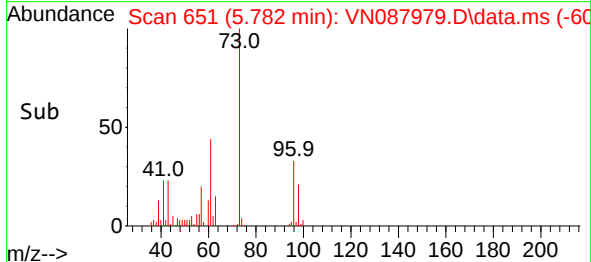
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 73 Resp: 18747
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5

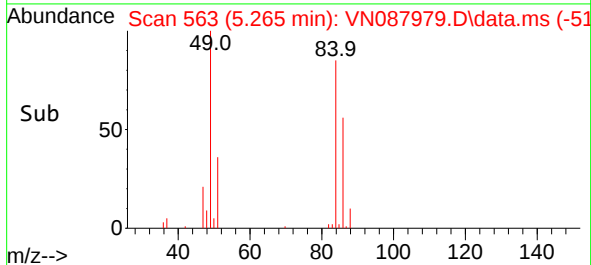
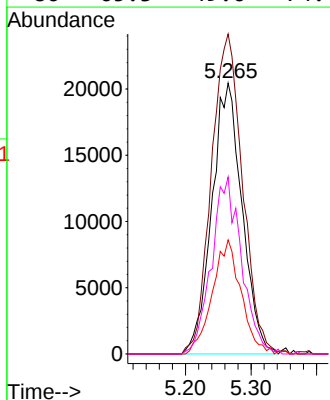
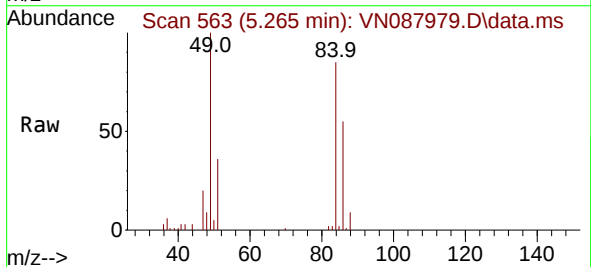
Manual Integrations
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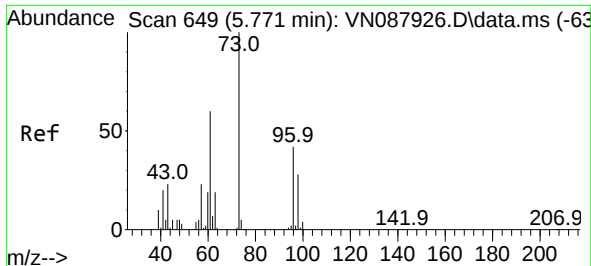
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 20.056 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

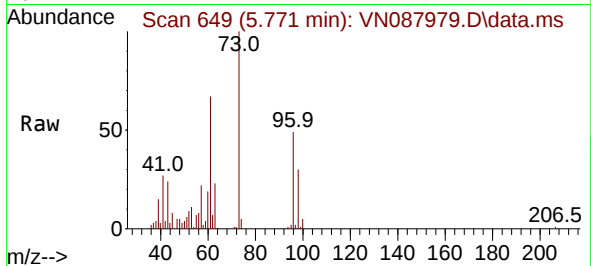
Tgt Ion: 84 Resp: 65365
Ion Ratio Lower Upper
84 100
49 118.1 92.1 138.1
51 42.1 27.7 41.5#
86 65.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.807 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

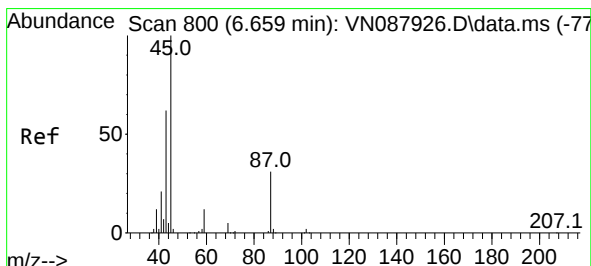
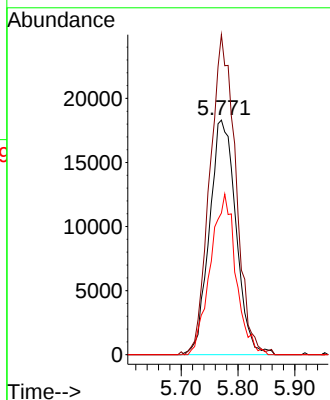
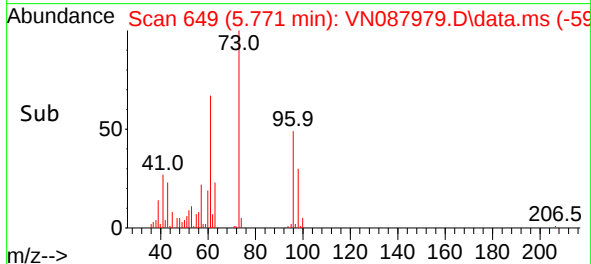
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



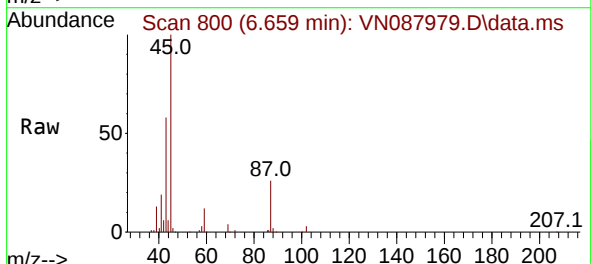
Tgt Ion: 96 Resp: 59309
Ion Ratio Lower Upper
96 100
61 136.4 114.4 171.6
98 60.3 53.6 80.4

Manual Integrations
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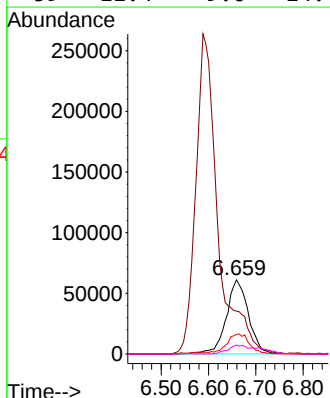
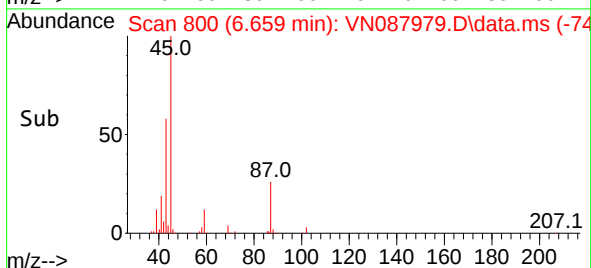
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 21.267 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



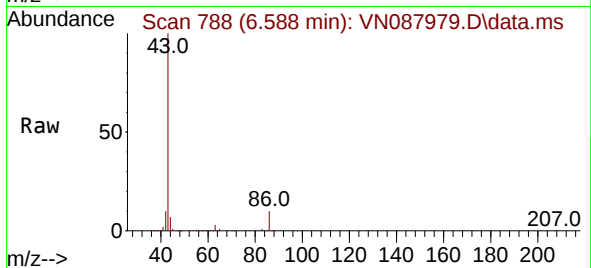
Tgt Ion: 45 Resp: 197424
Ion Ratio Lower Upper
45 100
43 56.7 49.9 74.9
87 26.4 25.2 37.8
59 11.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 108.861 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

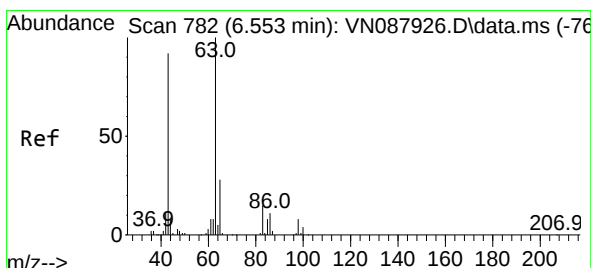
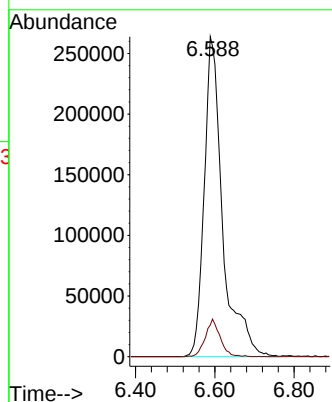
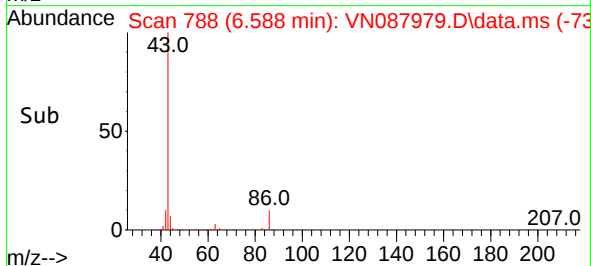
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01



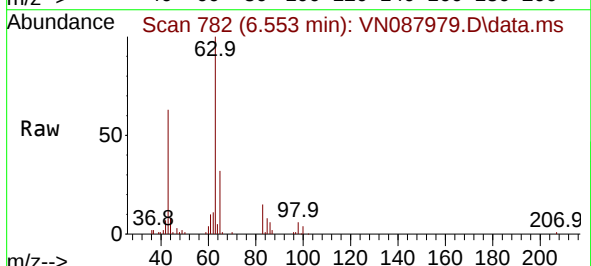
Tgt Ion: 43 Resp: 850872
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 12.8

Manual Integrations
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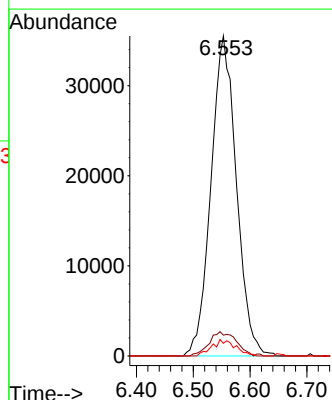
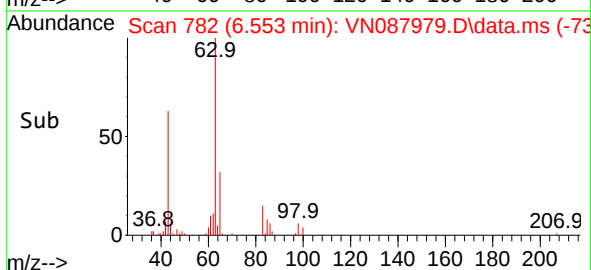
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 20.381 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52



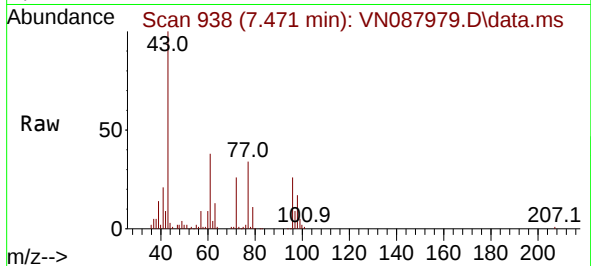
Tgt Ion: 63 Resp: 110533
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.5
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 104.728 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

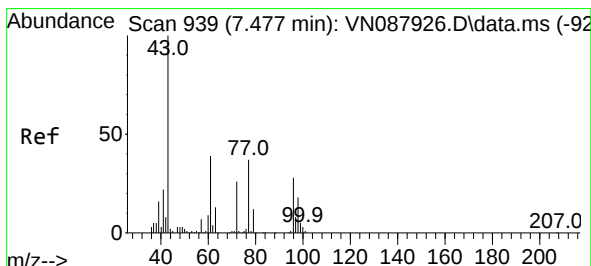
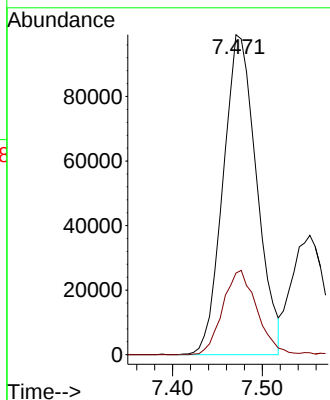
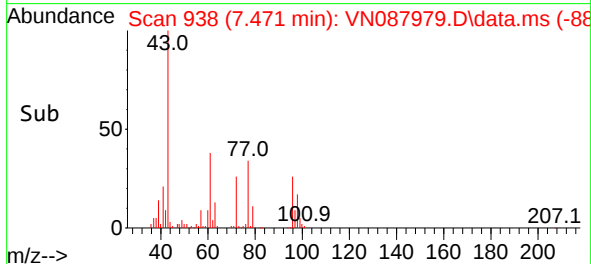
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 43 Resp: 257738
Ion Ratio Lower Upper
43 100
72 25.7 21.5 32.3

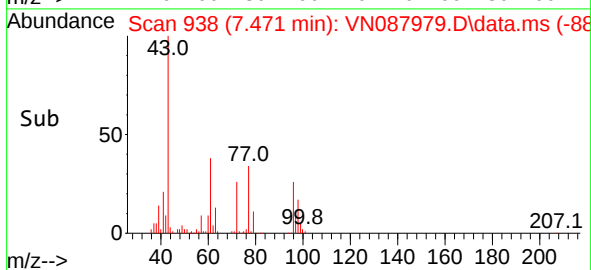
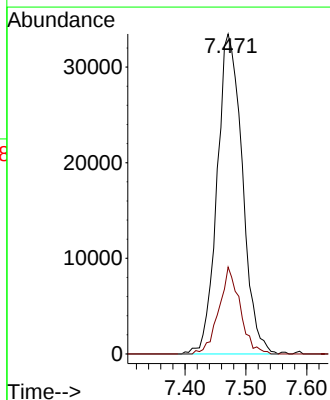
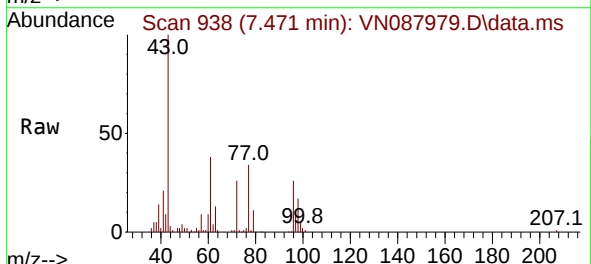
Manual Integrations
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Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 19.992 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

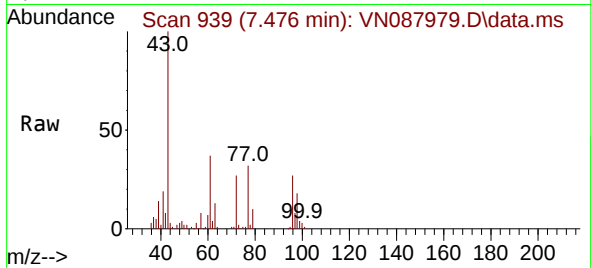
Tgt Ion: 77 Resp: 96330
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.661 ug/l
 RT: 7.476 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

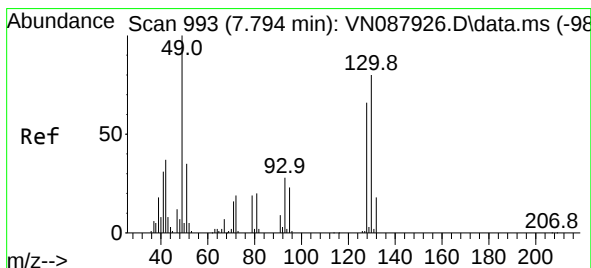
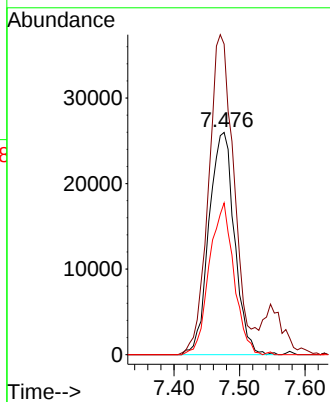
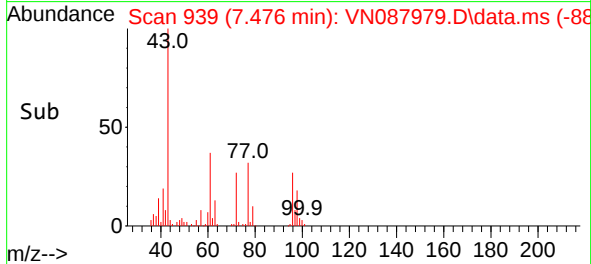
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01



Tgt Ion: 96 Resp: 70050
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 283.0
 98 65.8 0.0 127.6

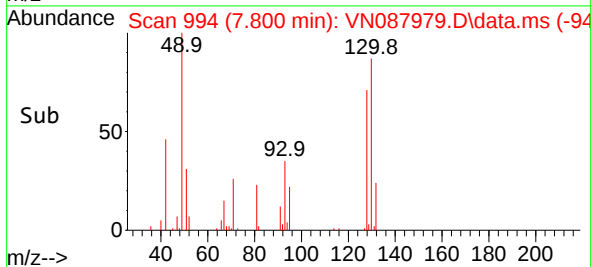
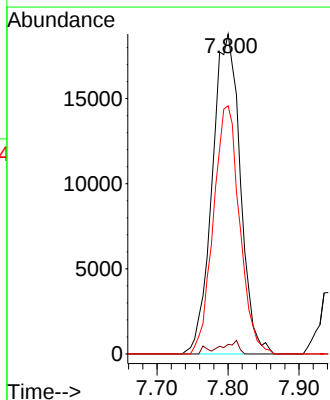
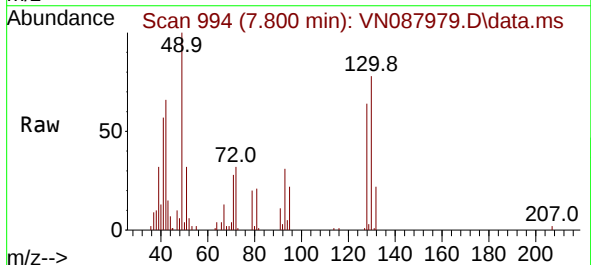
Manual Integrations
 APPROVED

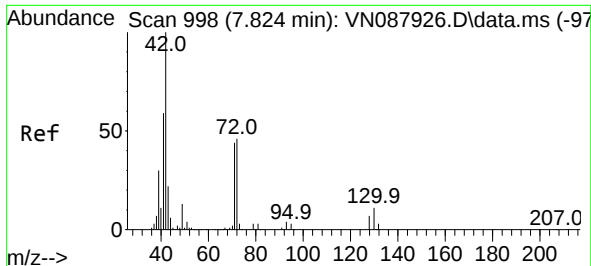
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#28
 Bromochloromethane
 Concen: 17.454 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

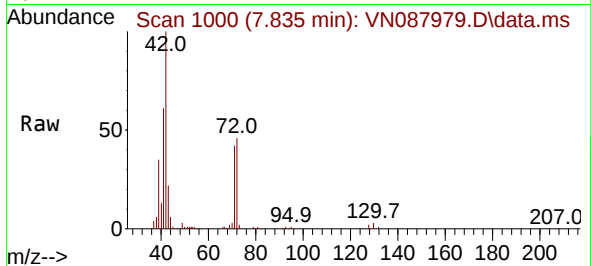
Tgt Ion: 49 Resp: 51431
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.4
 130 72.7 62.6 94.0





#29
Tetrahydrofuran
Concen: 107.685 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

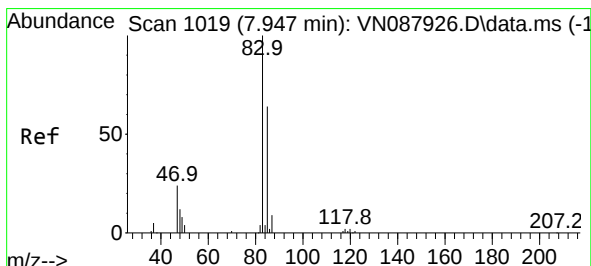
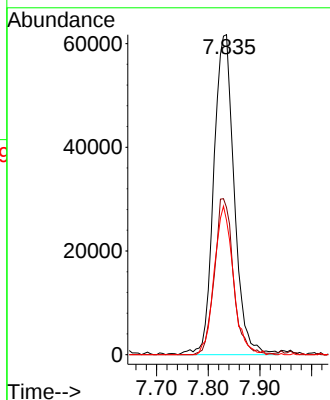
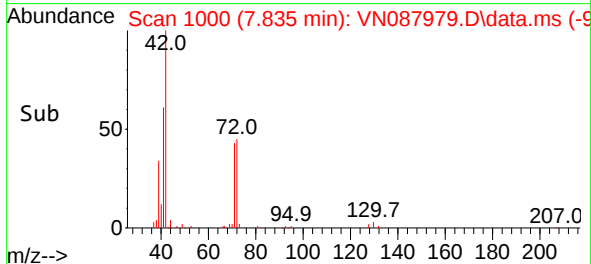
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



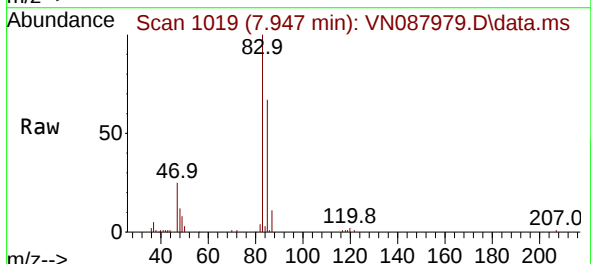
Tgt Ion: 42 Resp: 16969
Ion Ratio Lower Upper
42 100
72 45.1 36.5 54.7
71 43.2 33.8 50.8

Manual Integrations
APPROVED

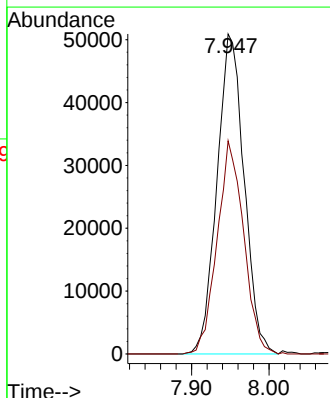
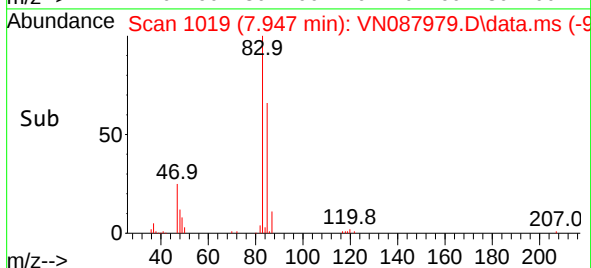
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

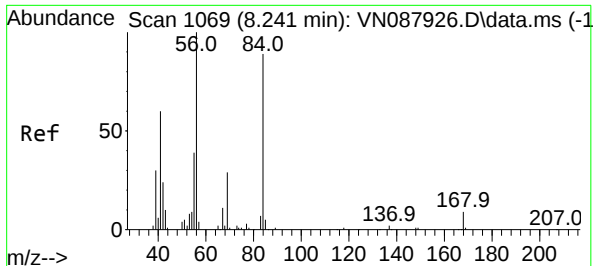


#30
Chloroform
Concen: 20.869 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



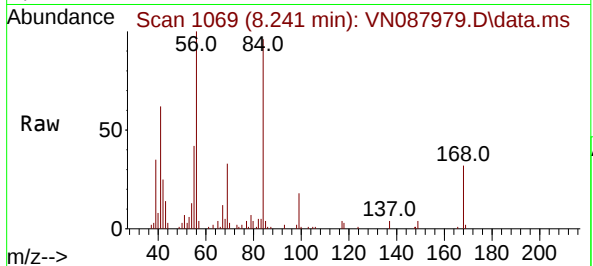
Tgt Ion: 83 Resp: 123752
Ion Ratio Lower Upper
83 100
85 66.6 50.9 76.3





#31
Cyclohexane
Concen: 19.913 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

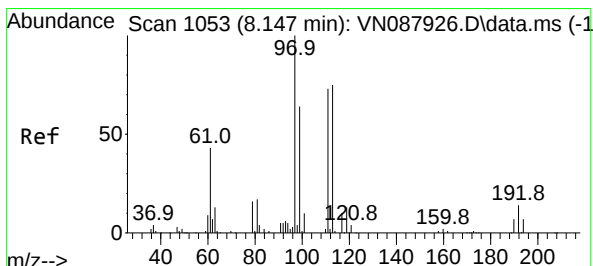
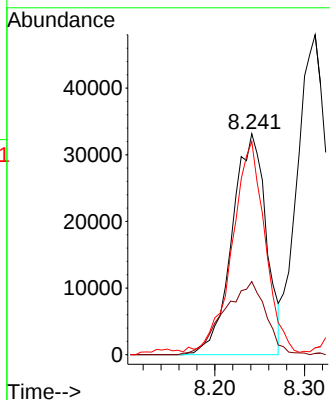
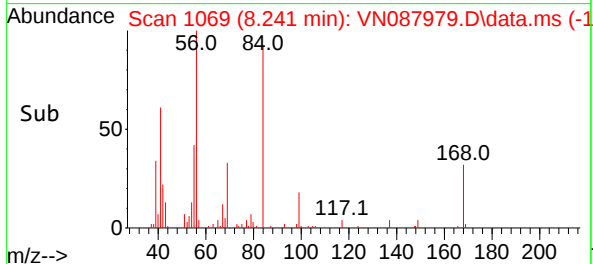
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



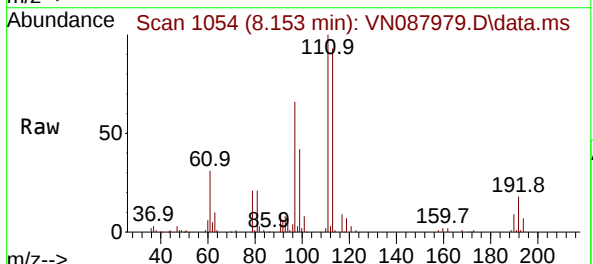
Tgt Ion: 56 Resp: 8738
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.0
84 94.5 70.8 106.2

Manual Integrations
APPROVED

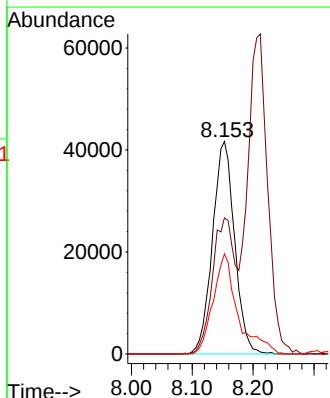
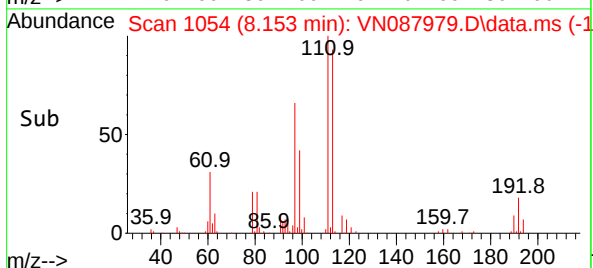
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

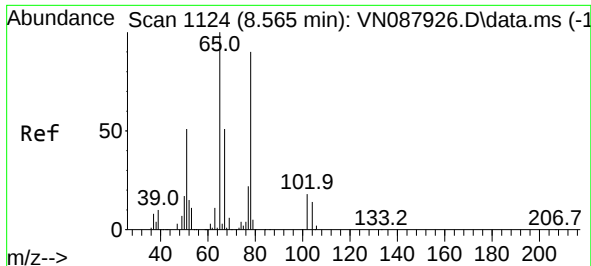


#32
1,1,1-Trichloroethane
Concen: 20.940 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



Tgt Ion: 97 Resp: 104924
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 52.4 38.6 58.0





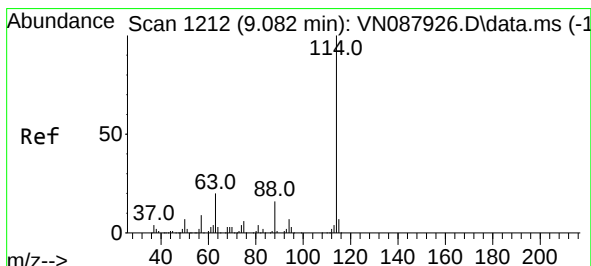
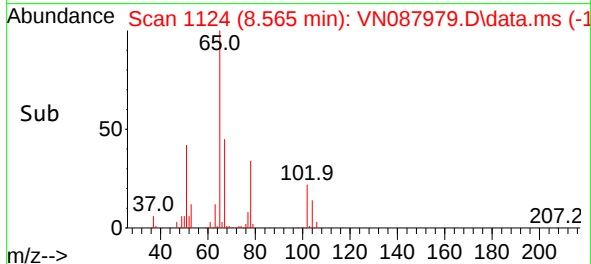
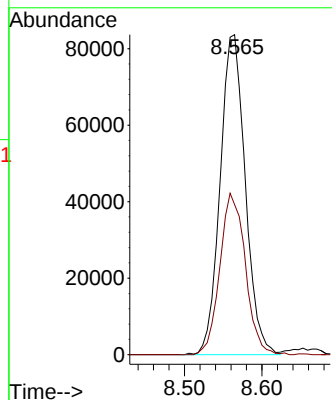
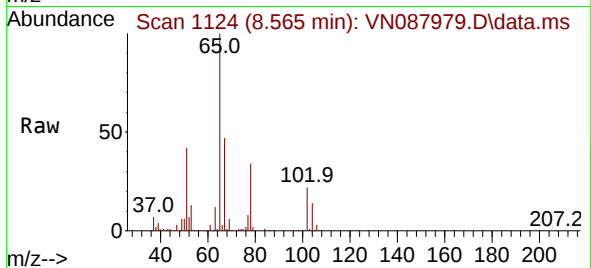
#33
1,2-Dichloroethane-d4
Concen: 48.230 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion: 65 Resp: 188738
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

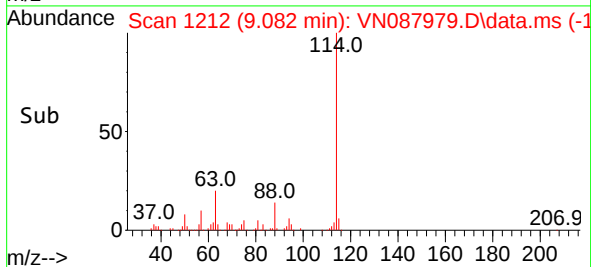
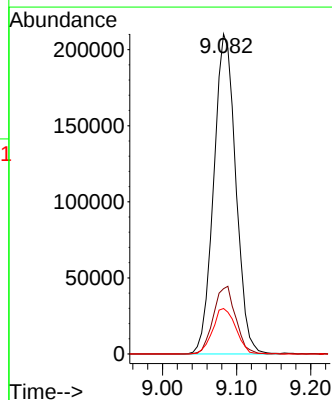
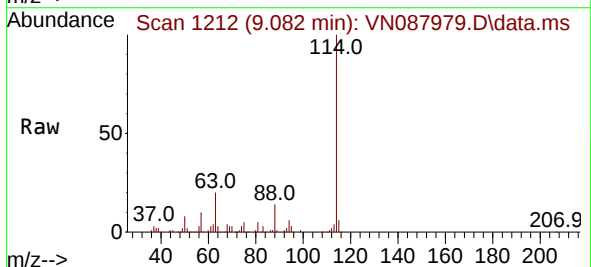
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:114 Resp: 434358
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.916 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

Tgt Ion: 113 Resp: 14480

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

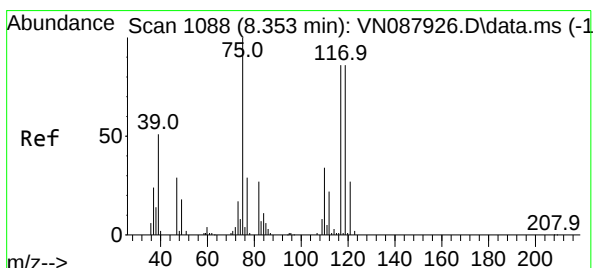
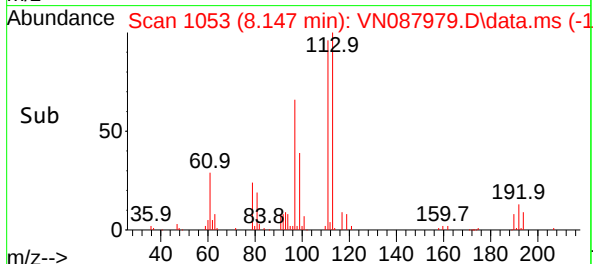
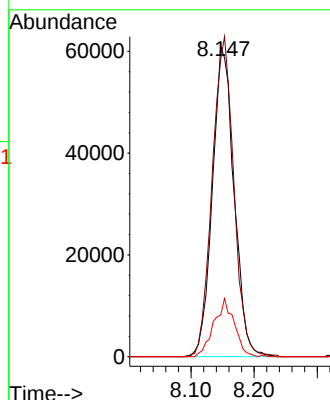
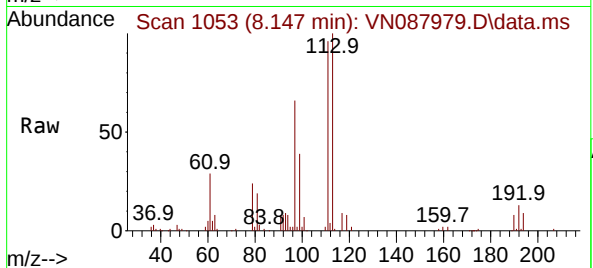
192 17.6 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#36

1,1-Dichloropropene

Concen: 20.884 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

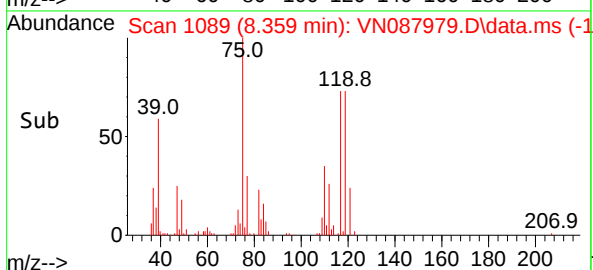
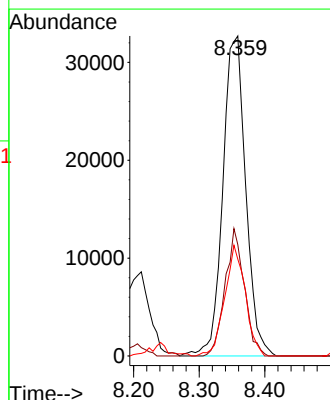
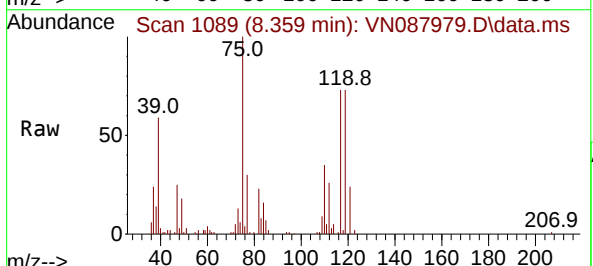
Tgt Ion: 75 Resp: 79196

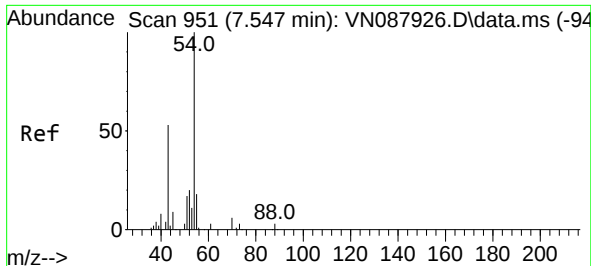
Ion Ratio Lower Upper

75 100

110 33.5 17.1 51.3

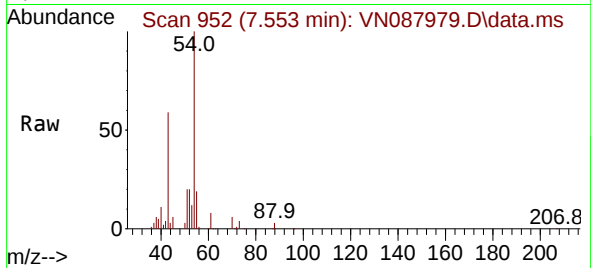
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 20.455 ug/l
RT: 7.553 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

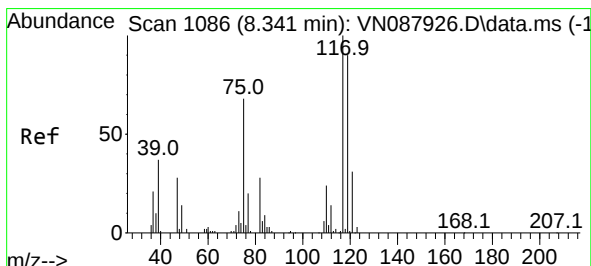
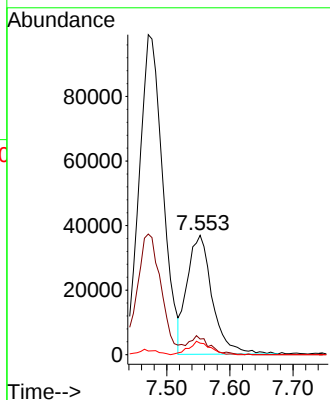
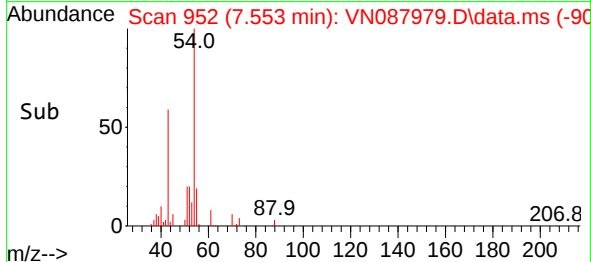
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 43 Resp: 101860
Ion Ratio Lower Upper
43 100
61 12.2 10.7 16.1
70 9.4 7.8 11.8

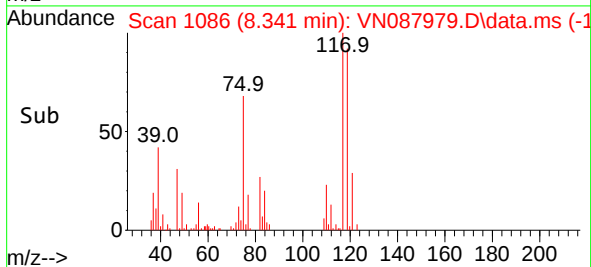
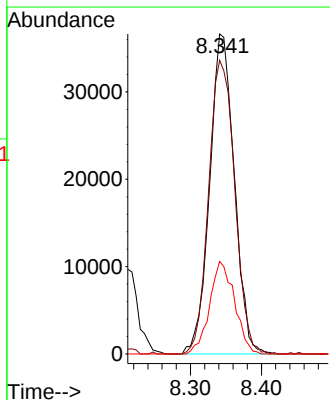
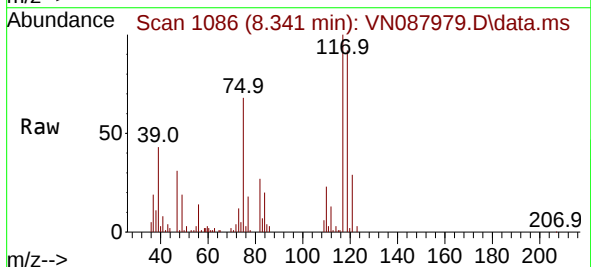
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#38
Carbon Tetrachloride
Concen: 20.280 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:117 Resp: 88245
Ion Ratio Lower Upper
117 100
119 91.8 72.1 108.1
121 28.9 24.6 36.8





#39

Methylcyclohexane

Concen: 19.274 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

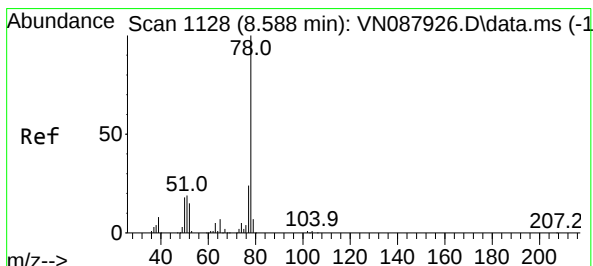
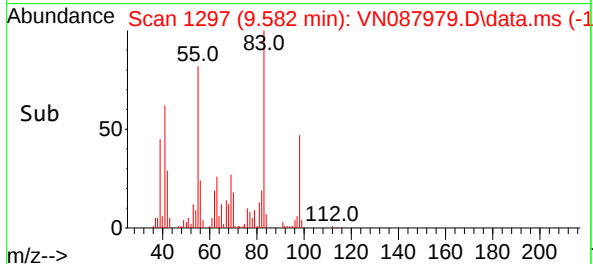
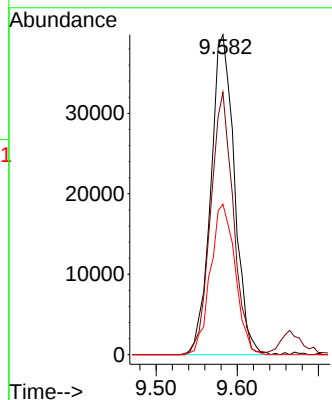
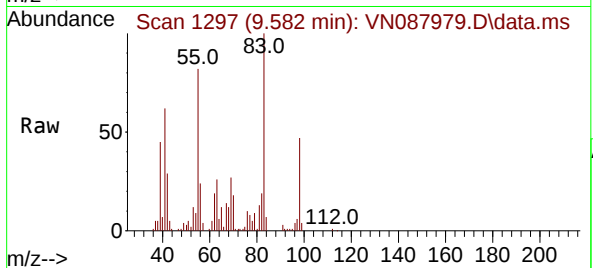
Tgt Ion:	83	Resp:	8062
Ion Ratio	Lower	Upper	
83	100		
55	82.0	59.9	89.9
98	47.1	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#40

Benzene

Concen: 19.965 ug/l

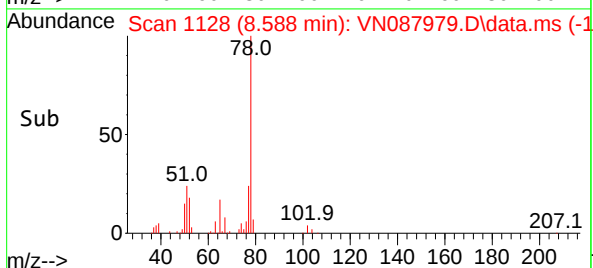
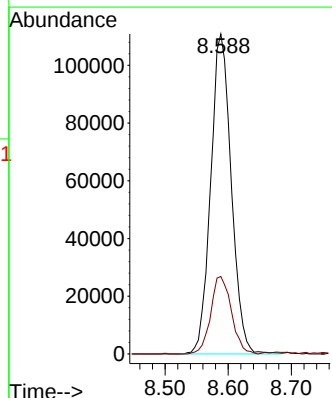
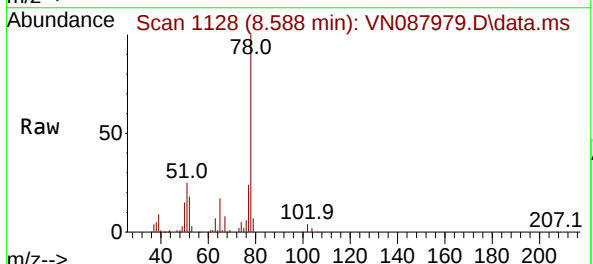
RT: 8.588 min Scan# 1128

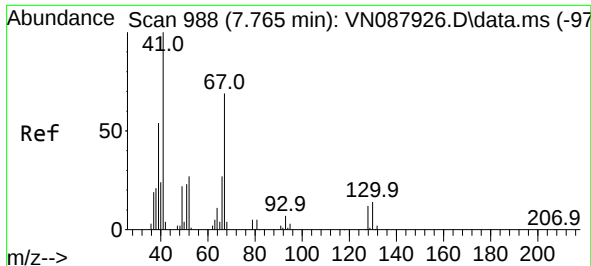
Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Tgt Ion:	78	Resp:	250676
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.0	28.6





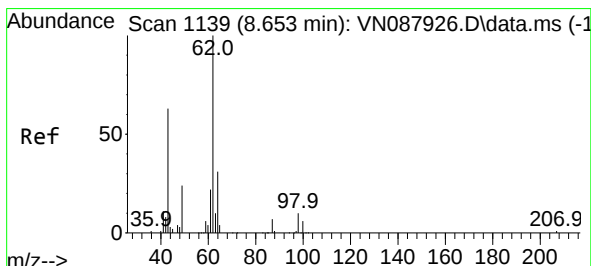
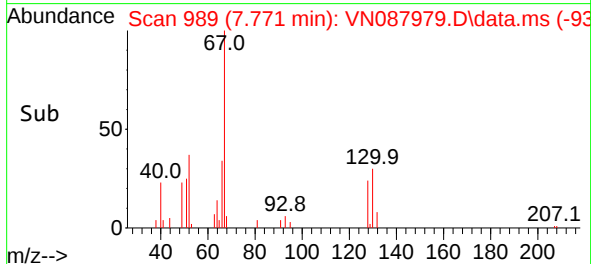
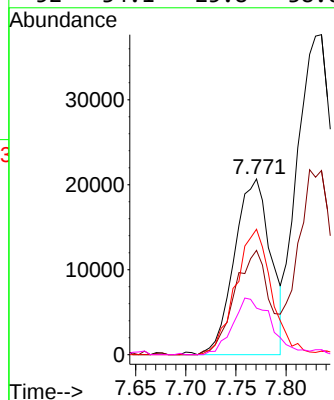
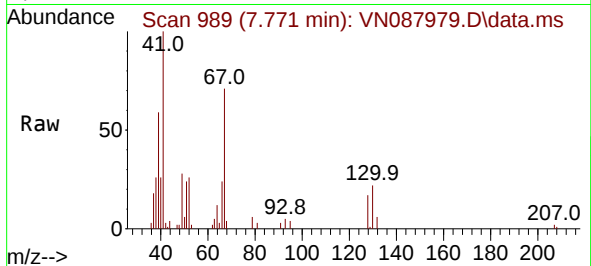
#41
Methacrylonitrile
Concen: 20.262 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tgt Ion: 41 Resp: 5214
Ion Ratio Lower Upper
41 100
39 57.3 43.5 65.3
67 70.6 57.6 86.4
52 34.1 25.8 38.6

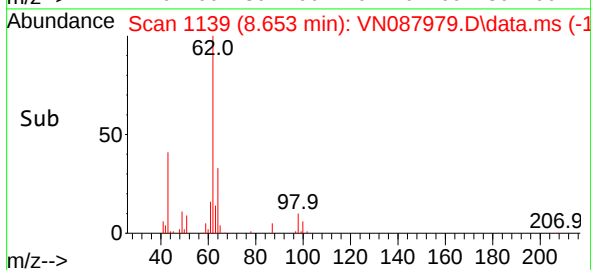
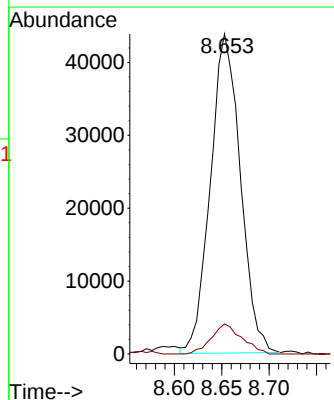
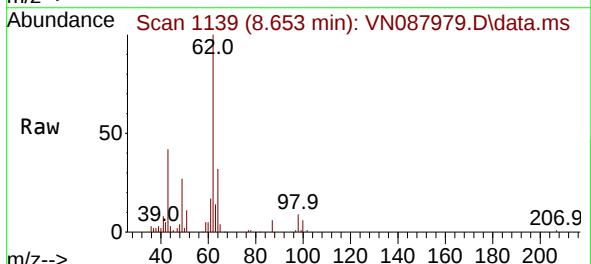
Manual Integrations
APPROVED

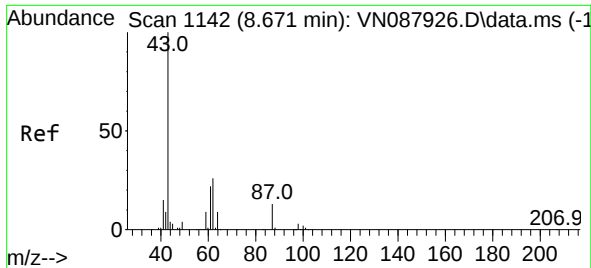
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 20.562 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

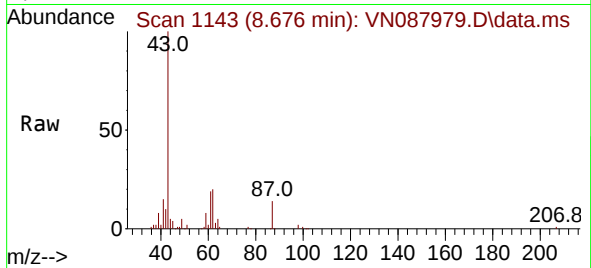
Tgt Ion: 62 Resp: 96346
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.6





#43
Isopropyl Acetate
Concen: 20.443 ug/l
RT: 8.676 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

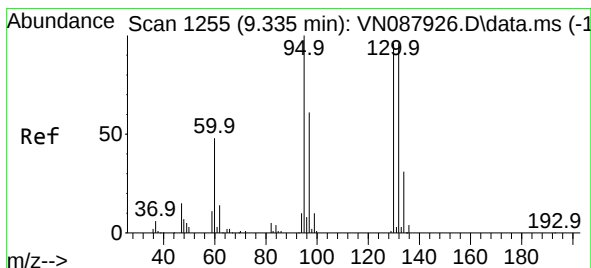
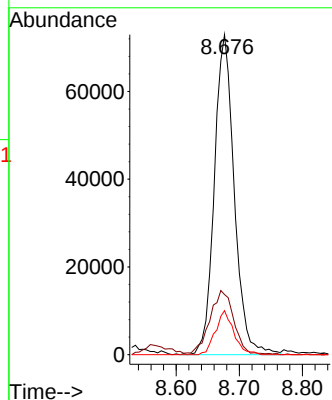
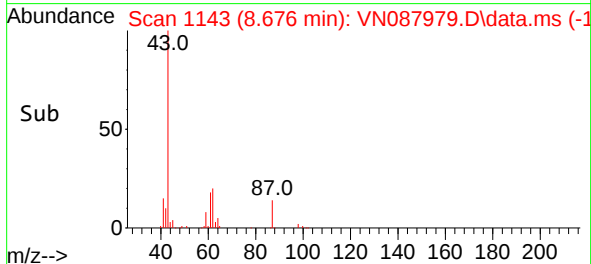
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 43 Resp: 16024
Ion Ratio Lower Upper
43 100
61 23.4 20.2 30.2
87 12.6 10.9 16.3

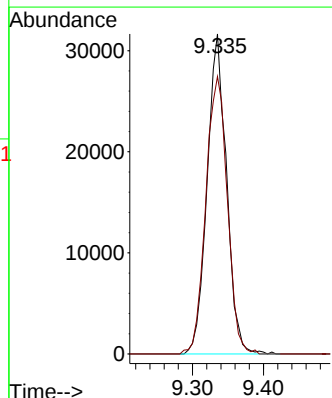
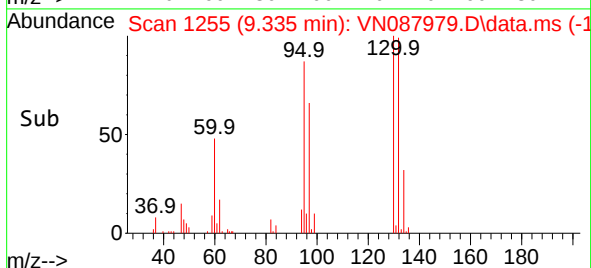
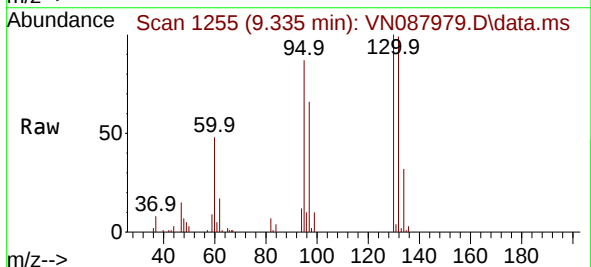
Manual Integrations
APPROVED

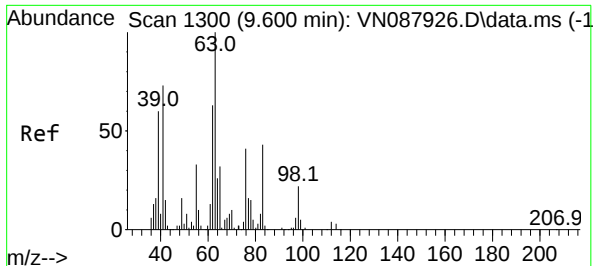
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 20.042 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:130 Resp: 60111
Ion Ratio Lower Upper
130 100
95 86.7 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.404 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

Tgt Ion: 63 Resp: 64240

Ion Ratio Lower Upper

63 100

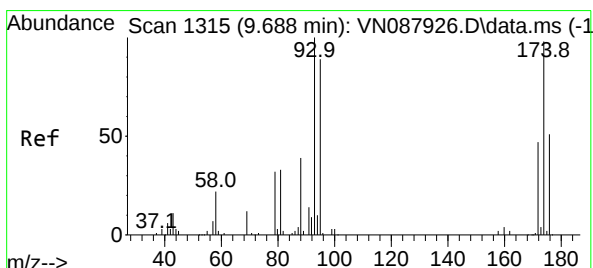
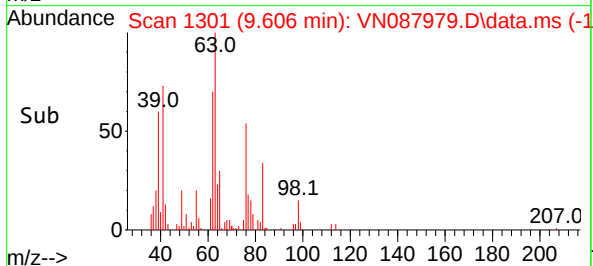
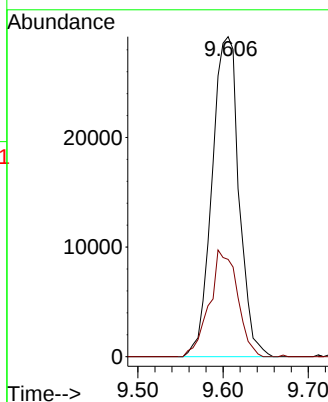
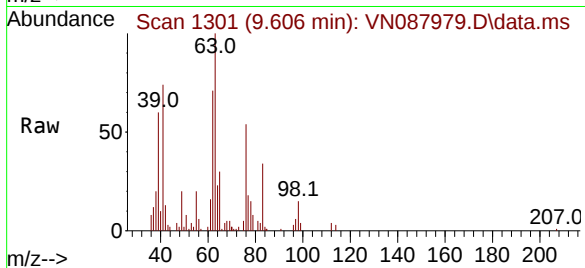
65 30.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 19.983 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

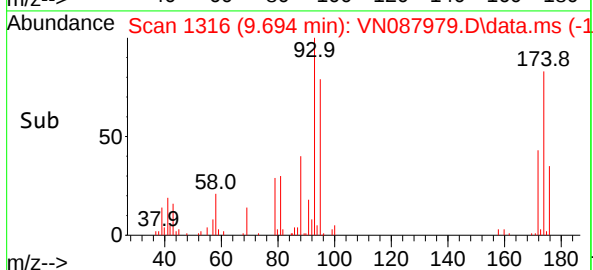
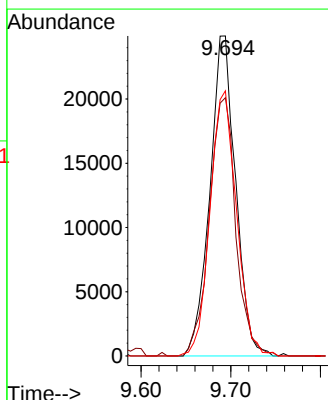
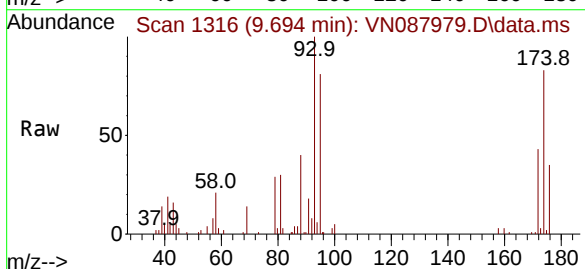
Tgt Ion: 93 Resp: 49646

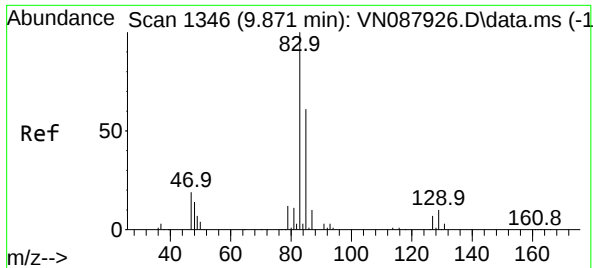
Ion Ratio Lower Upper

93 100

95 83.0 67.6 101.4

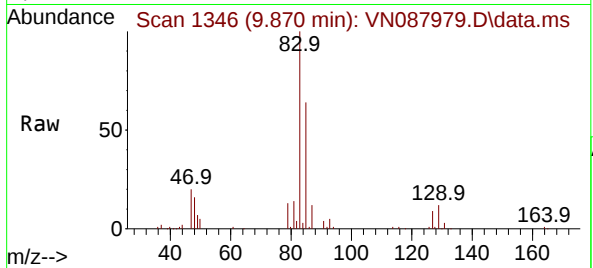
174 85.2 75.4 113.0





#47
Bromodichloromethane
Concen: 20.908 ug/l
RT: 9.870 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

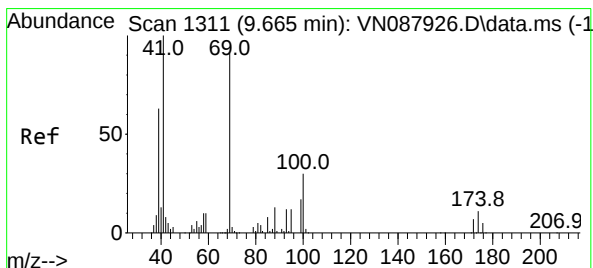
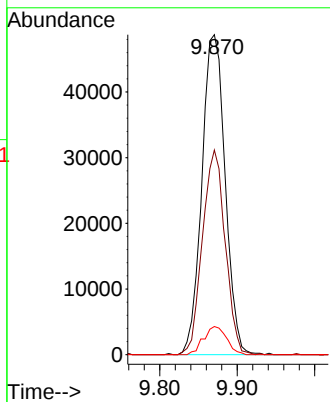
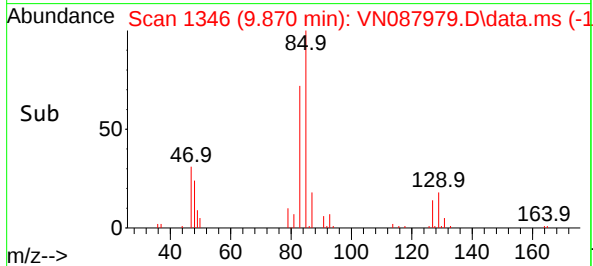
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



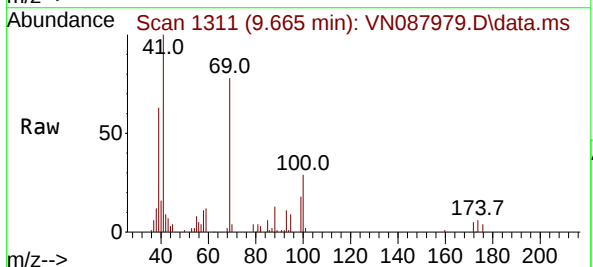
Tgt Ion: 83 Resp: 101878
Ion Ratio Lower Upper
83 100
85 64.0 49.1 73.7
127 8.8 5.9 8.9

Manual Integrations
APPROVED

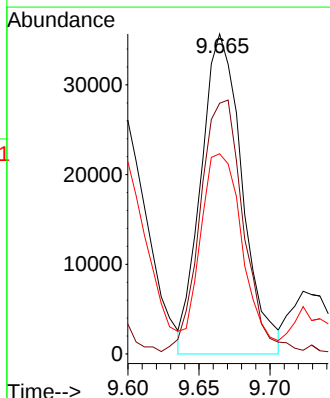
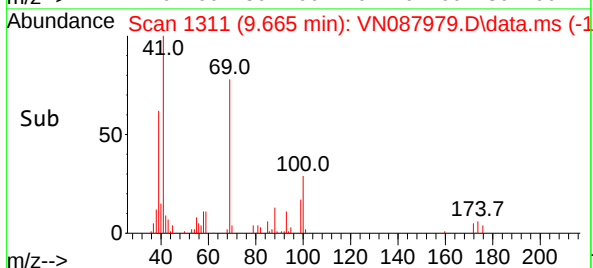
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#48
Methyl methacrylate
Concen: 19.857 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



Tgt Ion: 41 Resp: 72078
Ion Ratio Lower Upper
41 100
69 81.6 70.9 106.3
39 64.7 52.9 79.3





#49

1,4-Dioxane

Concen: 503.988 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

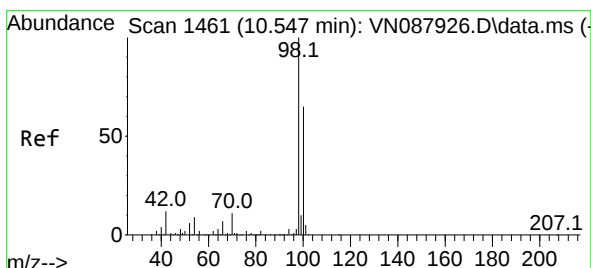
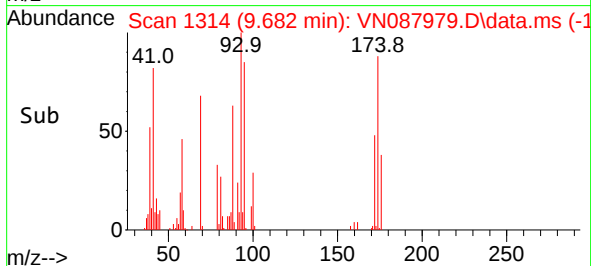
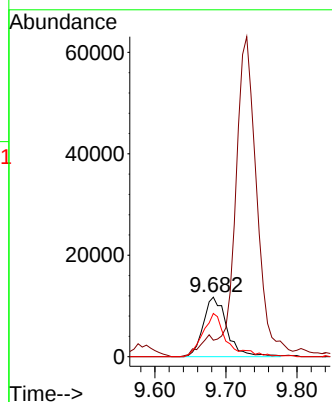
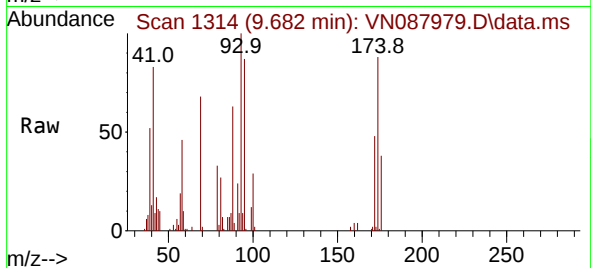
Tgt Ion:	88	Resp:	27020
Ion	Ratio	Lower	Upper
88	100		
43	21.9	22.6	33.8
58	74.2	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 47.145 ug/l

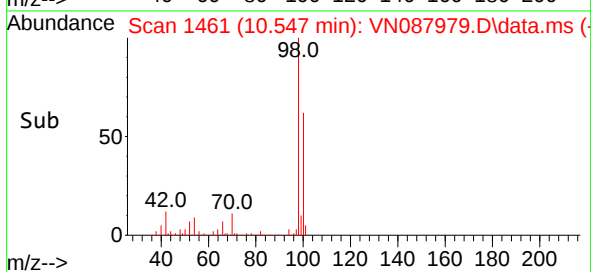
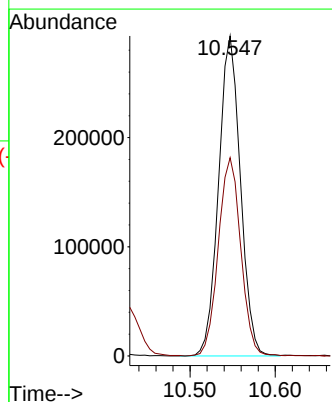
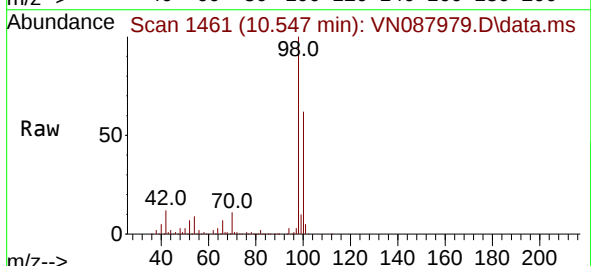
RT: 10.547 min Scan# 1461

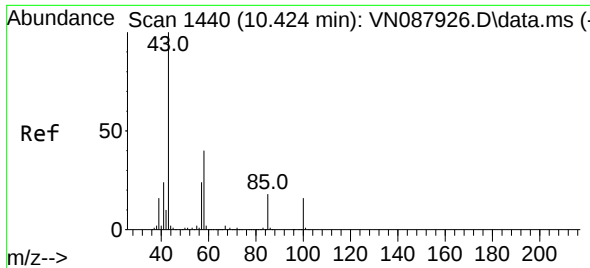
Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

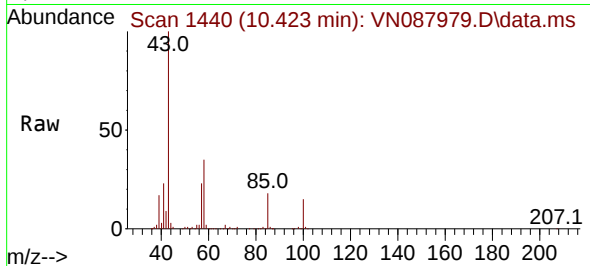
Tgt Ion:	98	Resp:	522853
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 108.779 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

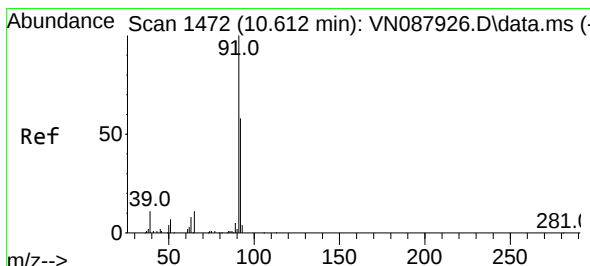
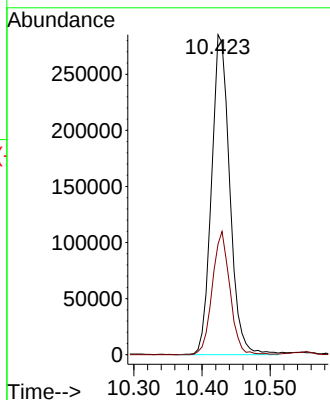
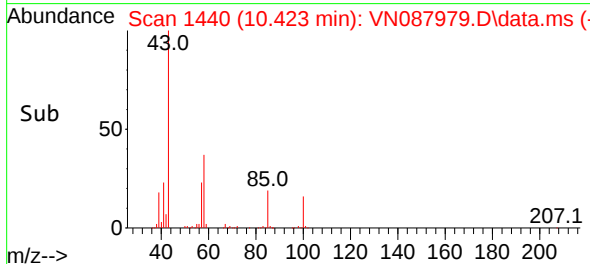
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 43 Resp: 53205
Ion Ratio Lower Upper
43 100
58 37.2 31.0 46.6

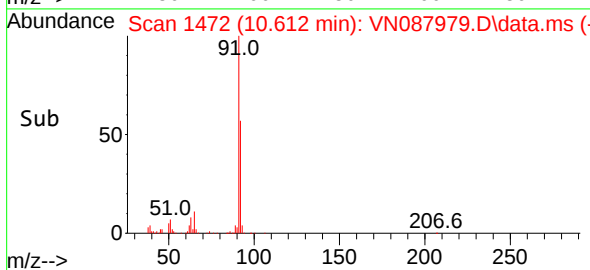
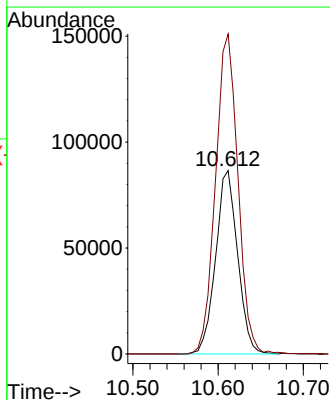
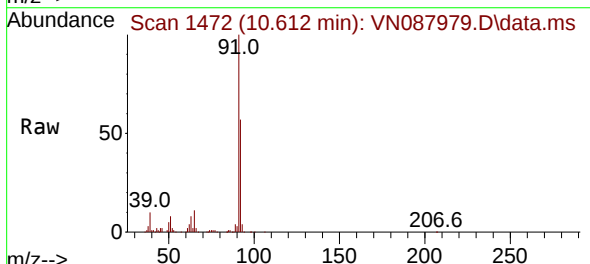
Manual Integrations
APPROVED

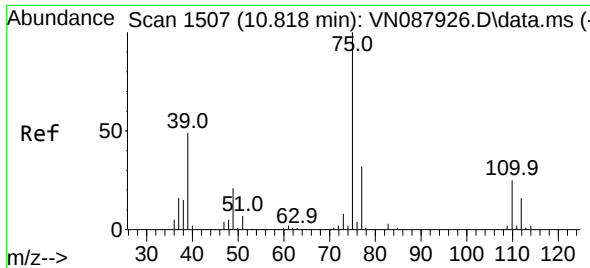
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 19.731 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

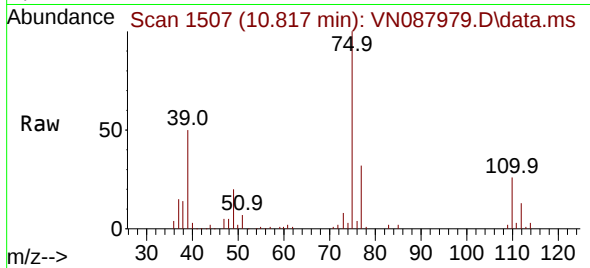
Tgt Ion: 92 Resp: 155465
Ion Ratio Lower Upper
92 100
91 177.9 138.2 207.2





#53
 t-1,3-Dichloropropene
 Concen: 19.247 ug/l
 RT: 10.817 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

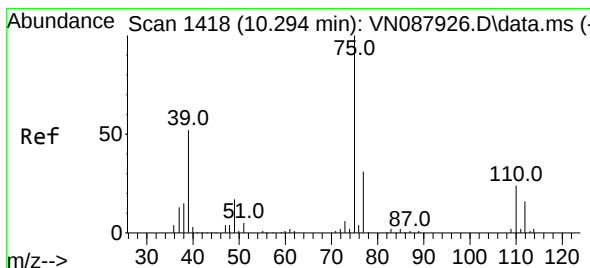
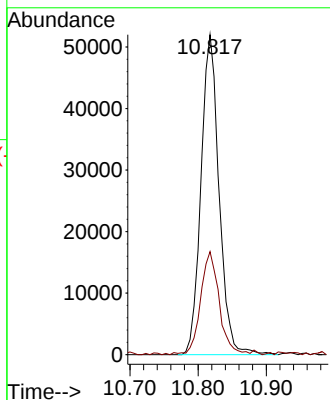
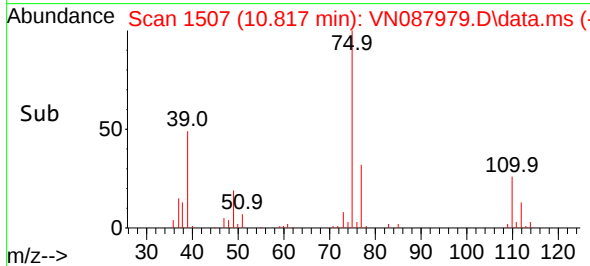
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01



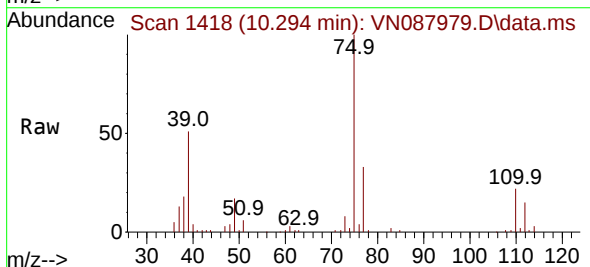
Tgt Ion: 75 Resp: 9598
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9

Manual Integrations
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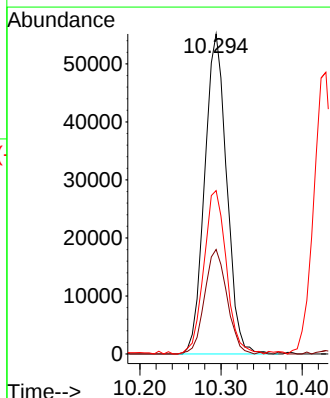
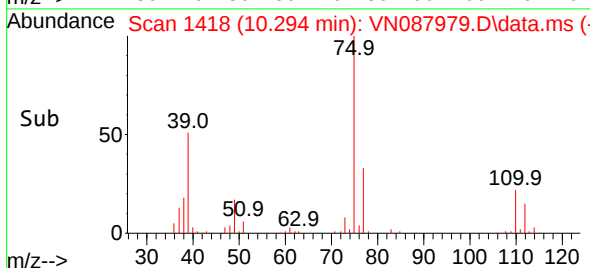
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

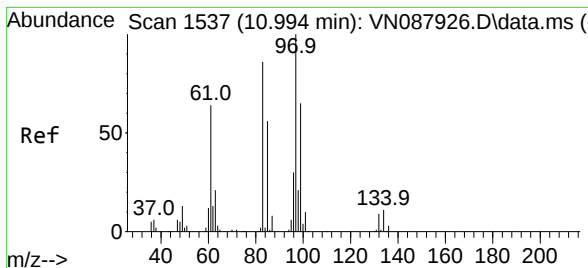


#54
 cis-1,3-Dichloropropene
 Concen: 20.057 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52



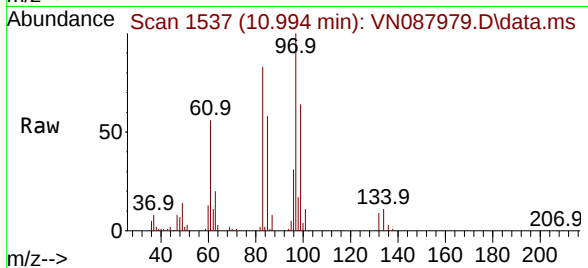
Tgt Ion: 75 Resp: 103886
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.7 37.1
 39 51.0 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 21.023 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

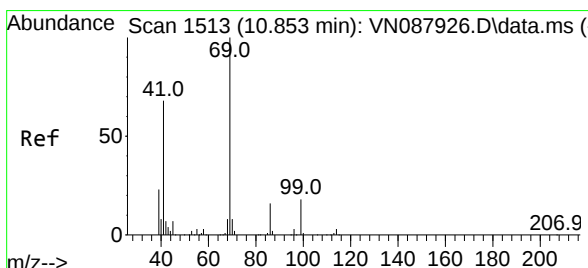
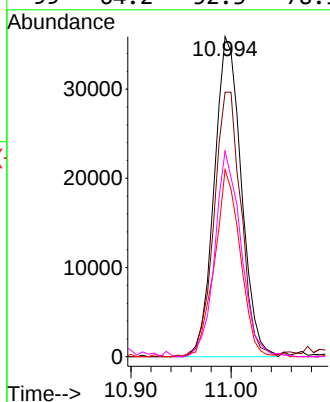
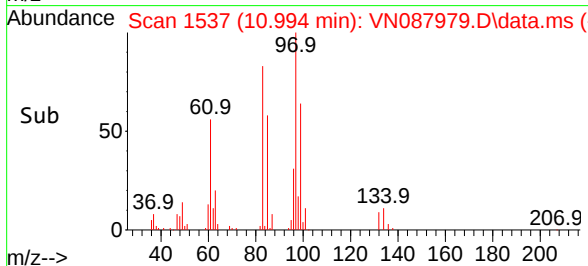
Instrument : MSVOA_N
ClientSampleId : VN0929WBS01



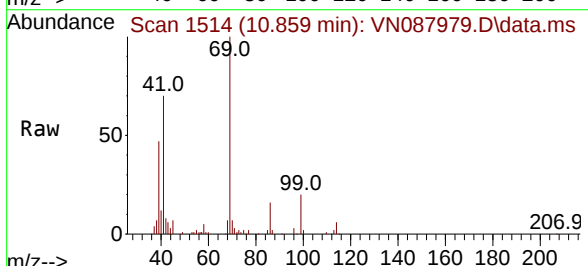
Tgt Ion:	97	Resp:	67350
Ion Ratio	100	Lower	Upper
83	82.7	69.0	103.4
85	58.4	44.4	66.6
99	64.2	52.3	78.5

Manual Integrations
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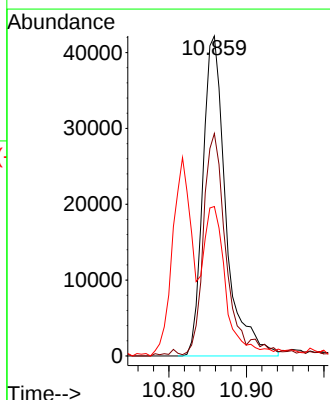
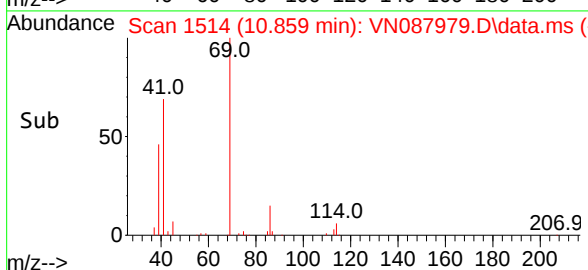
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

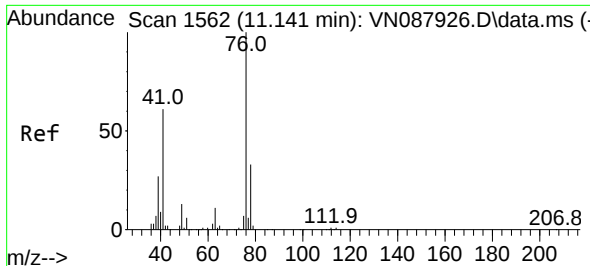


#56
Ethyl methacrylate
Concen: 18.795 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



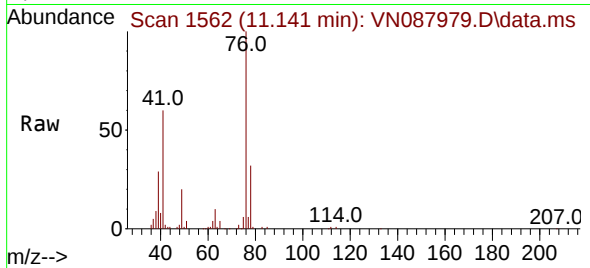
Tgt Ion:	69	Resp:	87006
Ion Ratio	100	Lower	Upper
41	68.2	53.8	80.6
39	43.9	34.7	52.1





#57
1,3-Dichloropropane
Concen: 20.070 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

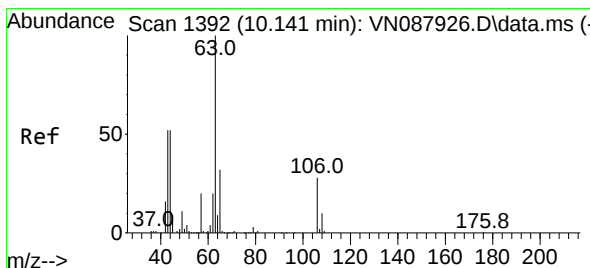
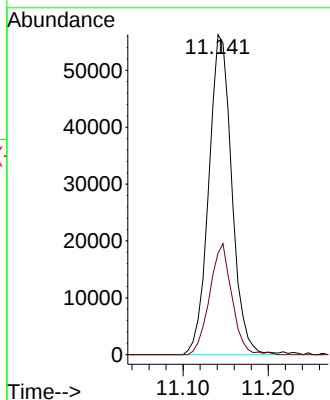
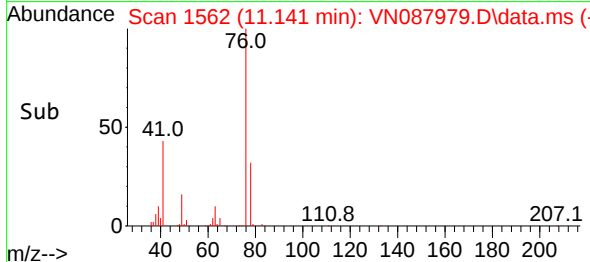
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 76 Resp: 105754
Ion Ratio Lower Upper
76 100
78 33.5 26.0 39.0

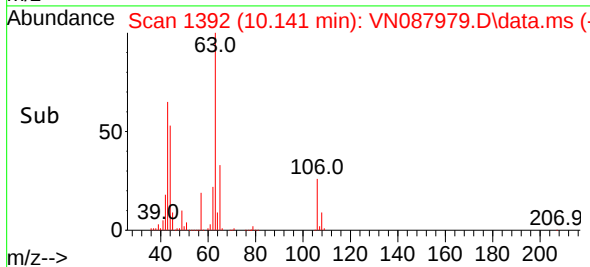
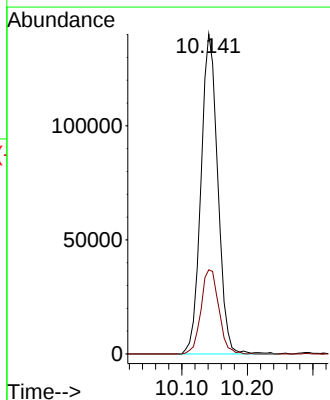
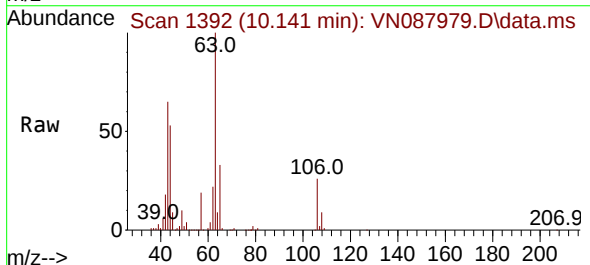
Manual Integrations
APPROVED

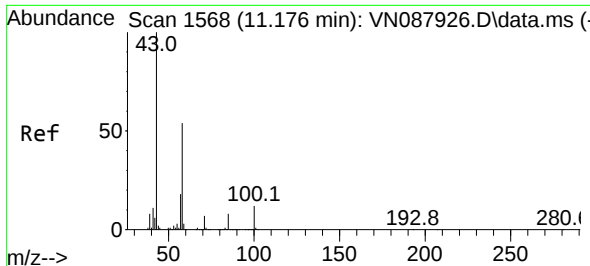
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 115.049 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

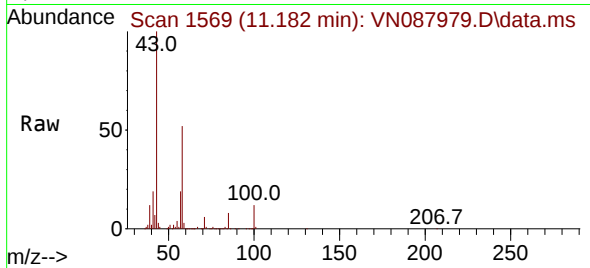
Tgt Ion: 63 Resp: 250411
Ion Ratio Lower Upper
63 100
106 27.8 22.6 33.8





#59
2-Hexanone
Concen: 102.892 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

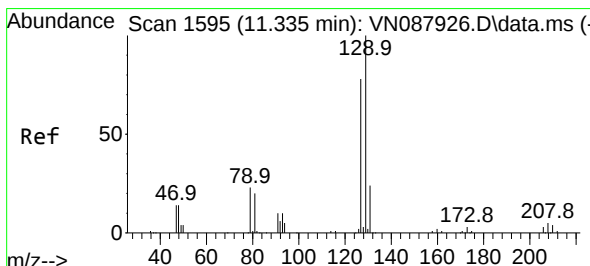
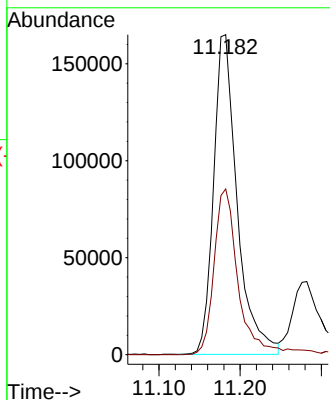
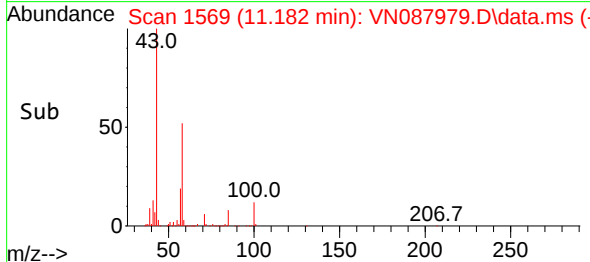
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 43 Resp: 332762
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.2

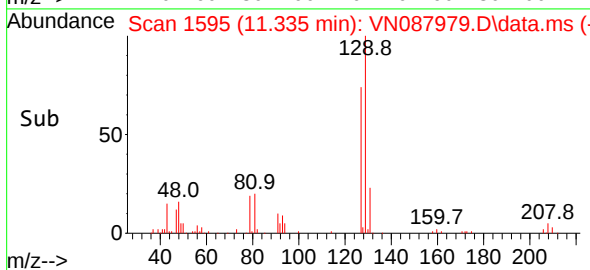
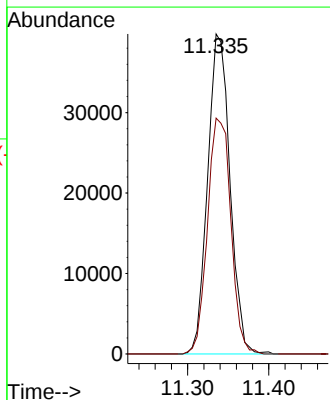
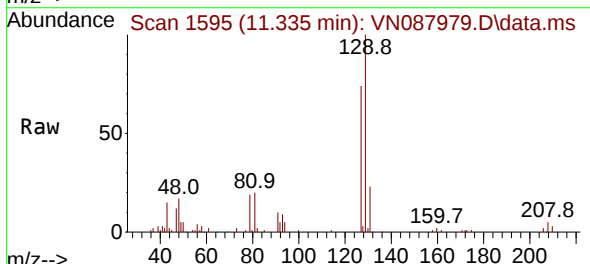
Manual Integrations
APPROVED

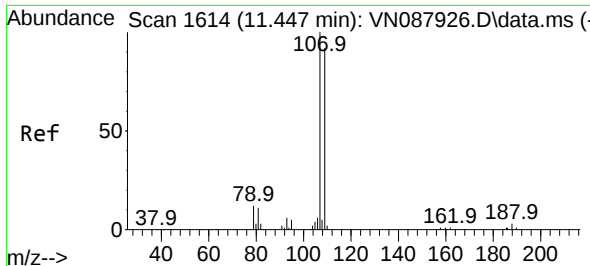
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 20.204 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

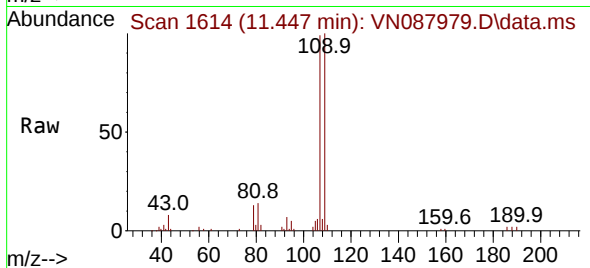
Tgt Ion:129 Resp: 76105
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.9





#61
1,2-Dibromoethane
Concen: 19.875 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

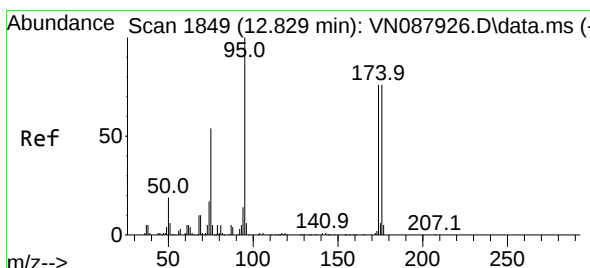
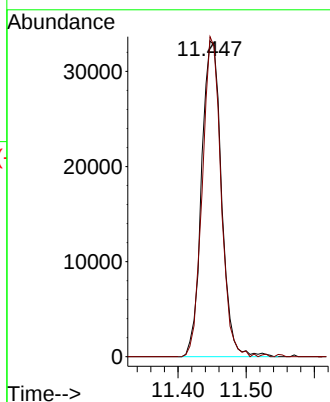
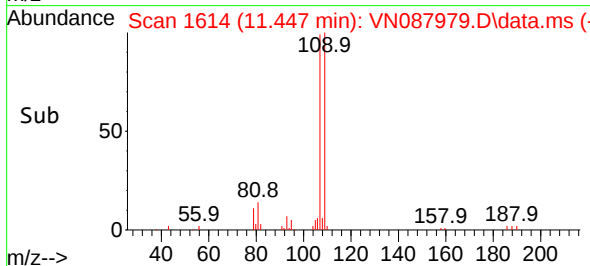
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion:107 Resp: 67408
Ion Ratio Lower Upper
107 100
109 94.9 75.3 112.9

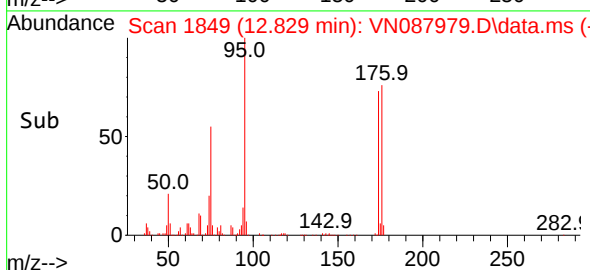
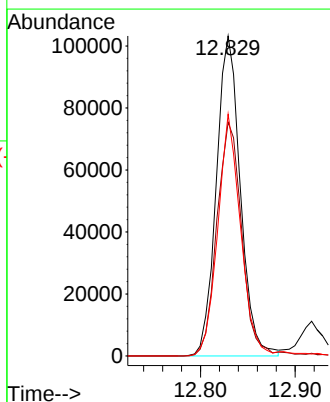
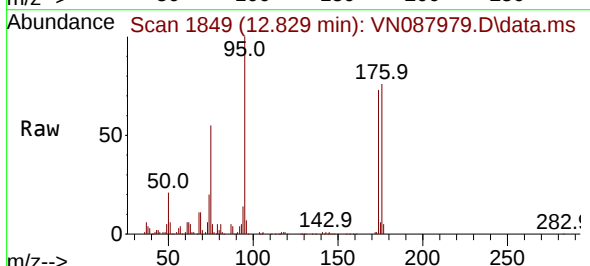
Manual Integrations
APPROVED

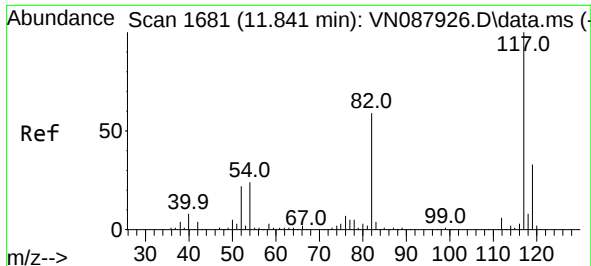
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 45.902 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

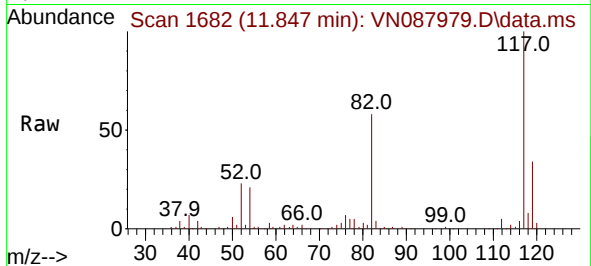
Tgt Ion: 95 Resp: 181963
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.2
176 73.3 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

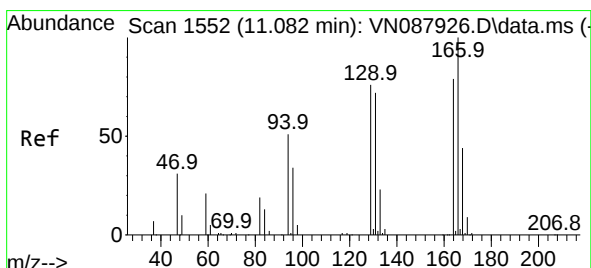
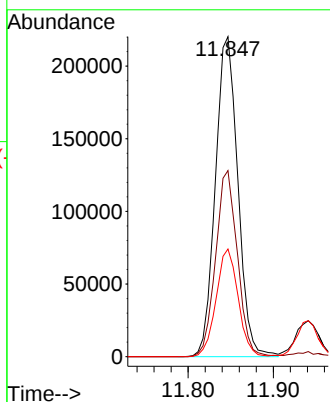
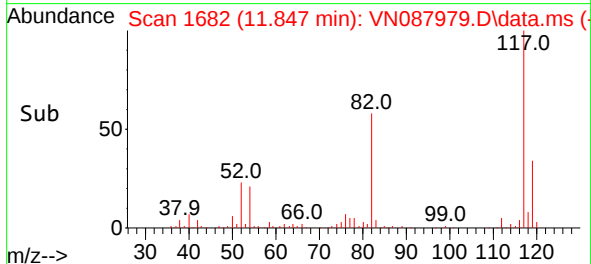
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion:117 Resp: 404738
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 33.7 26.1 39.1

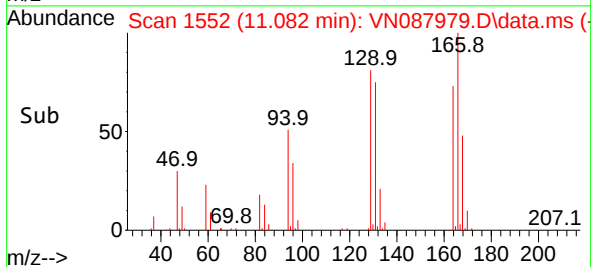
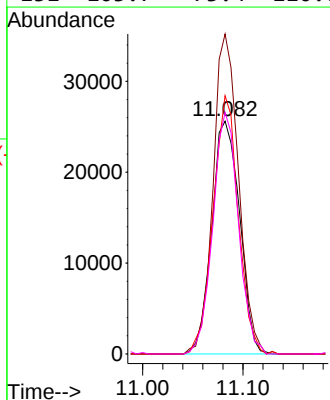
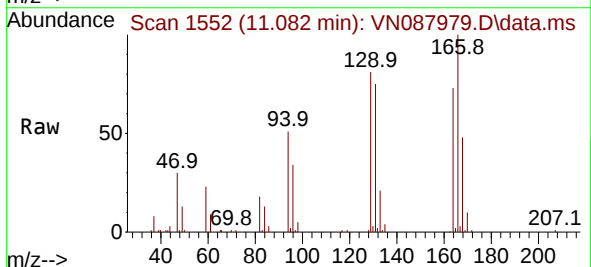
Manual Integrations
APPROVED

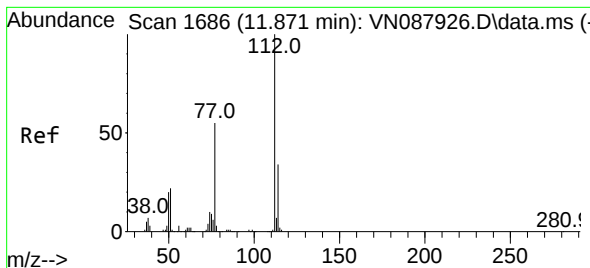
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 19.994 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

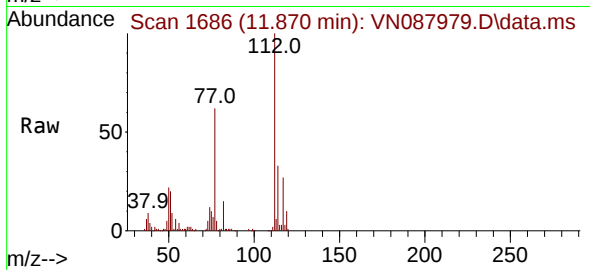
Tgt Ion:164 Resp: 49294
Ion Ratio Lower Upper
164 100
166 137.4 101.6 152.4
129 110.9 77.5 116.3
131 103.7 73.4 110.0





#65
Chlorobenzene
Concen: 20.436 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

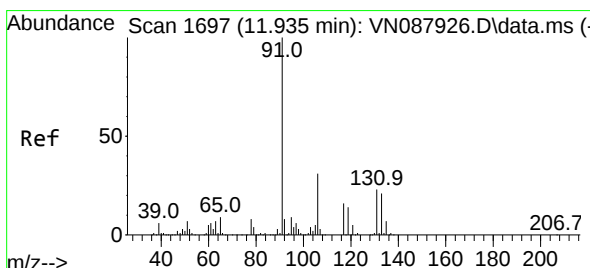
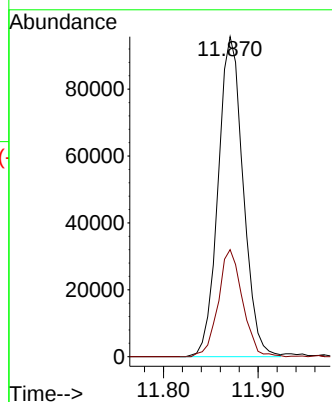
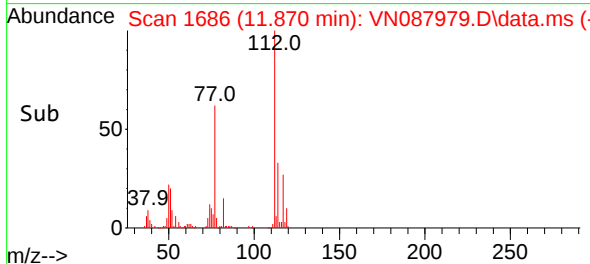
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



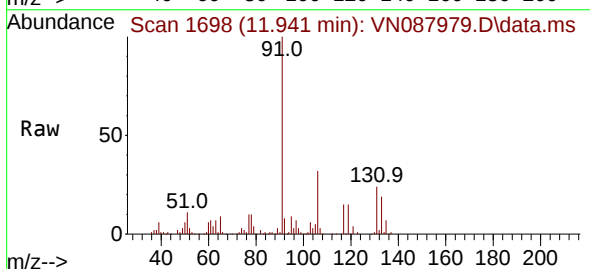
Tgt Ion:112 Resp: 17602
Ion Ratio Lower Upper
112 100
114 33.4 27.2 40.8

Manual Integrations
APPROVED

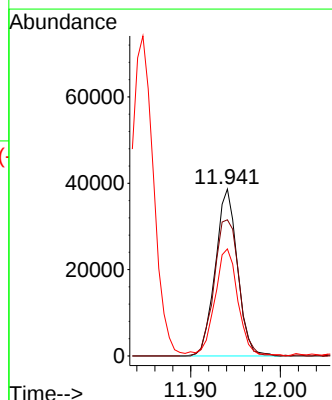
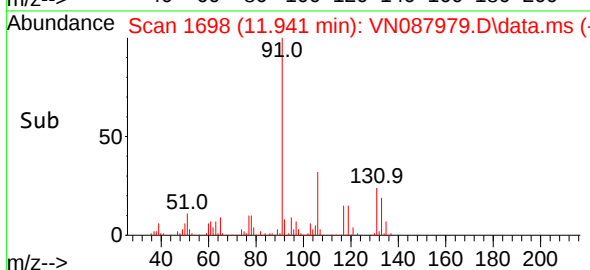
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

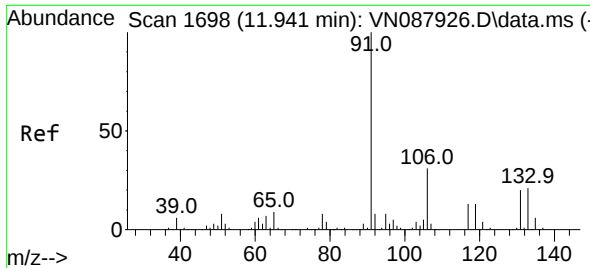


#66
1,1,1,2-Tetrachloroethane
Concen: 21.313 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



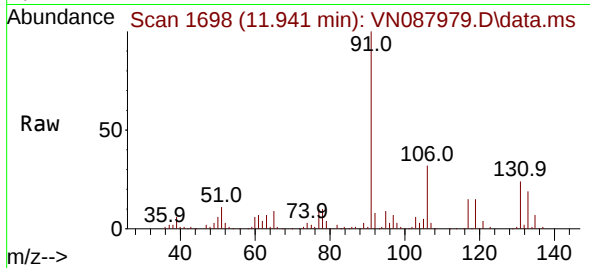
Tgt Ion:131 Resp: 66199
Ion Ratio Lower Upper
131 100
133 91.4 48.4 145.0
119 67.4 31.9 95.5





#67
Ethyl Benzene
Concen: 20.092 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

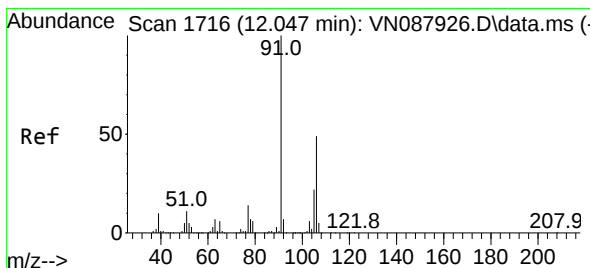
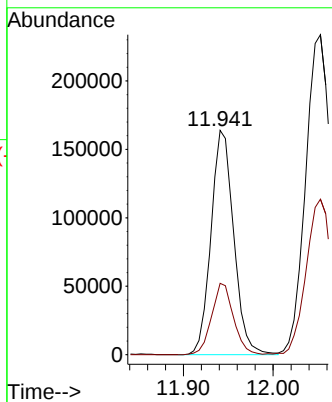
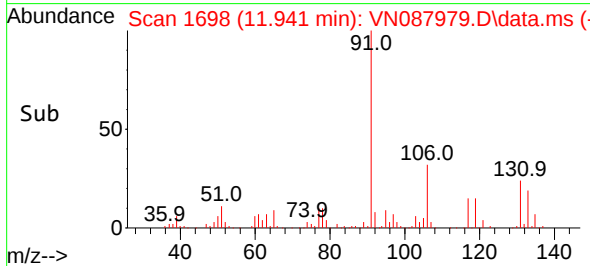
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 91 Resp: 288769
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8

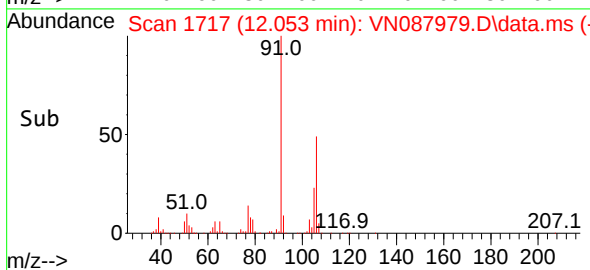
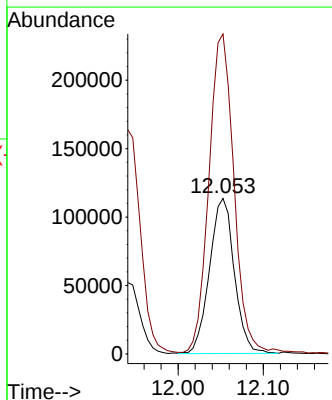
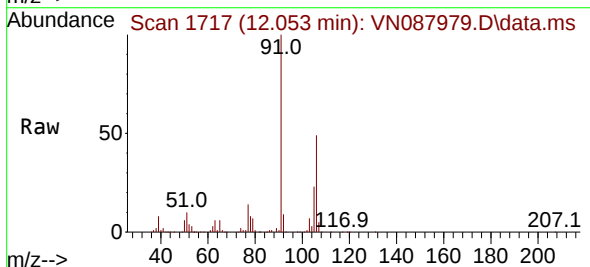
Manual Integrations
APPROVED

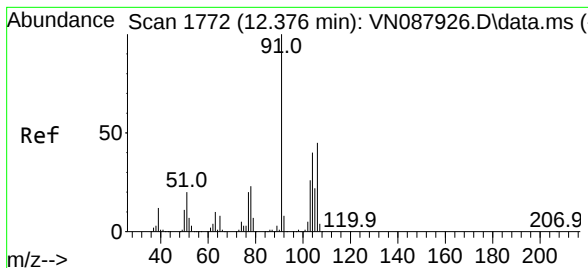
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 41.689 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

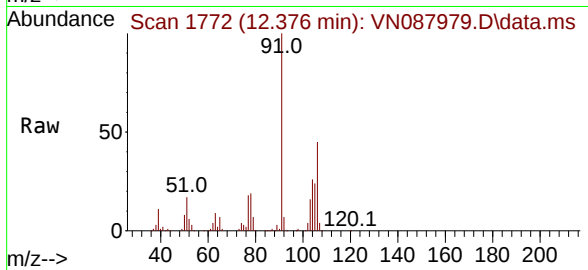
Tgt Ion:106 Resp: 229146
Ion Ratio Lower Upper
106 100
91 208.7 162.9 244.3





#69
o-Xylene
Concen: 19.662 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

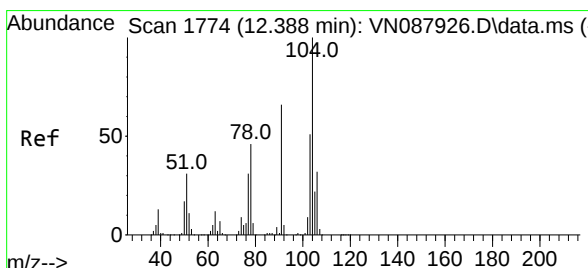
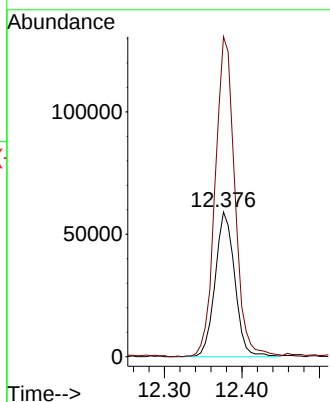
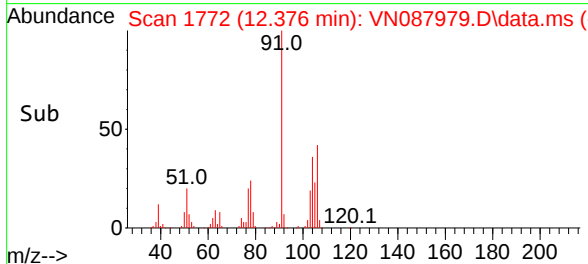
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion:106 Resp: 103835
Ion Ratio Lower Upper
106 100
91 222.3 108.2 324.6

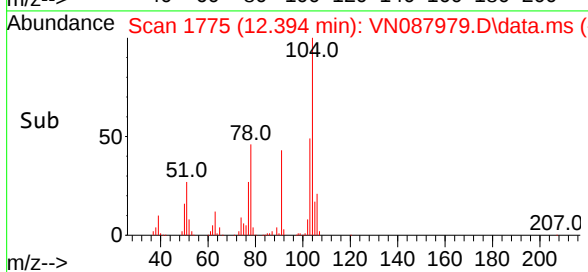
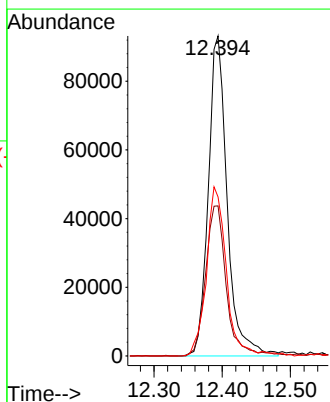
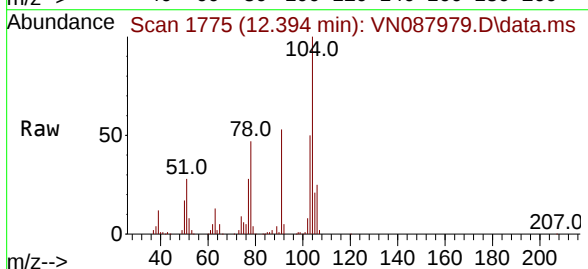
Manual Integrations
APPROVED

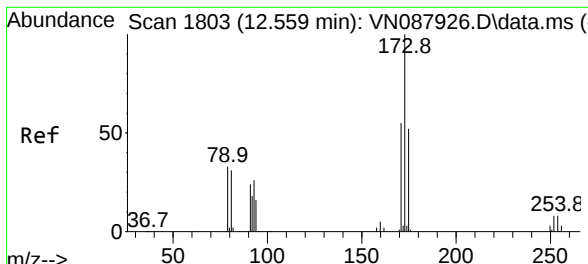
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 19.817 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

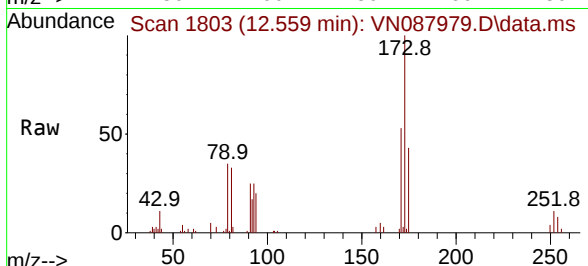
Tgt Ion:104 Resp: 179729
Ion Ratio Lower Upper
104 100
78 51.6 39.7 59.5
103 54.8 44.6 67.0





#71
Bromoform
Concen: 19.359 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

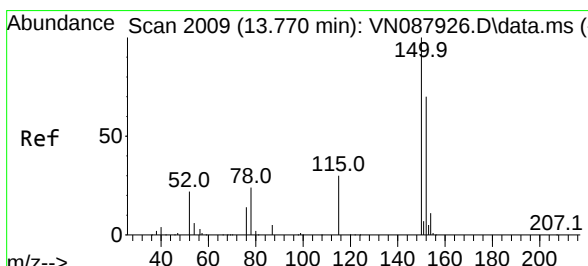
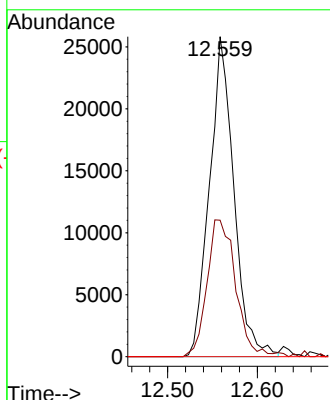
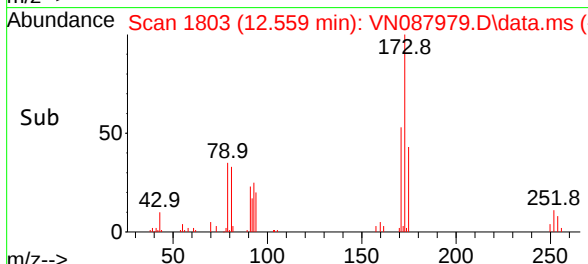
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



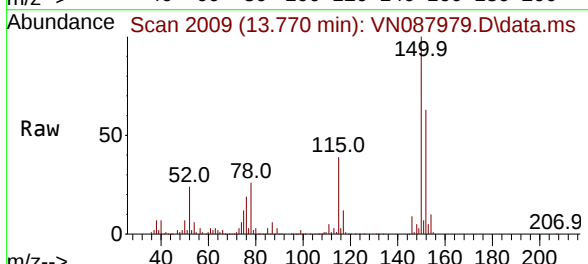
Tgt Ion:173 Resp: 4878
Ion Ratio Lower Upper
173 100
175 50.3 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

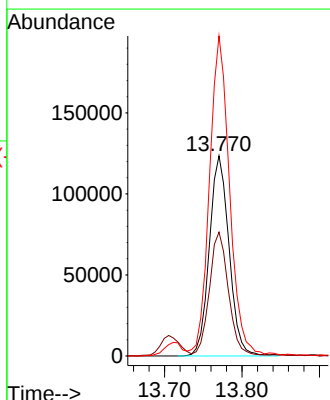
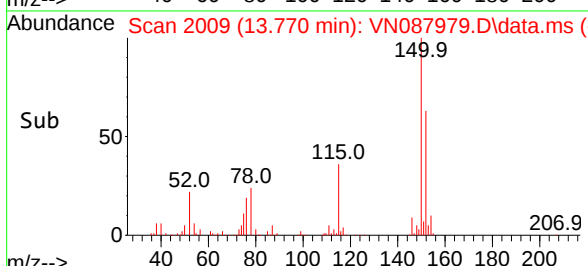
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

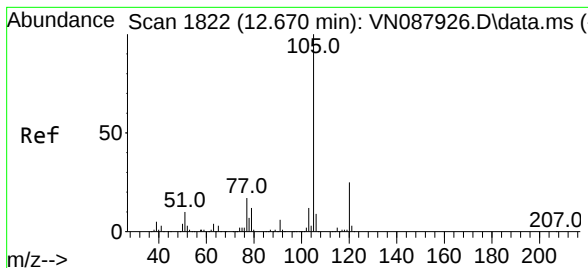


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



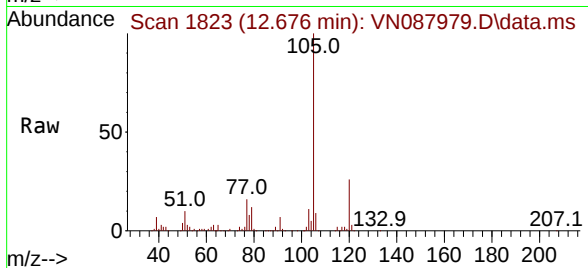
Tgt Ion:152 Resp: 219132
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 161.7 0.0 335.0





#73
Isopropylbenzene
Concen: 19.704 ug/l
RT: 12.676 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

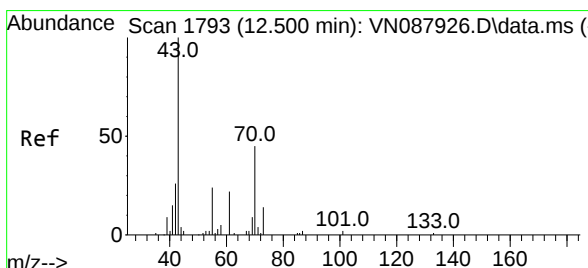
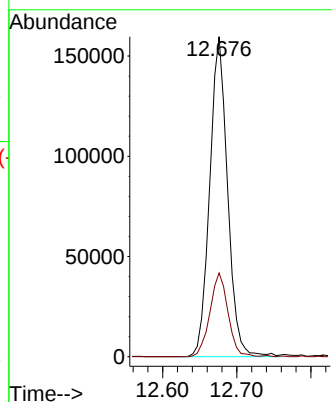
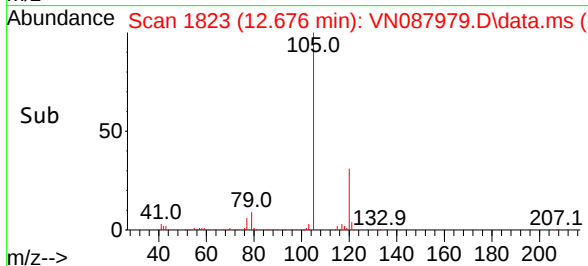
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion:105 Resp: 267599
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

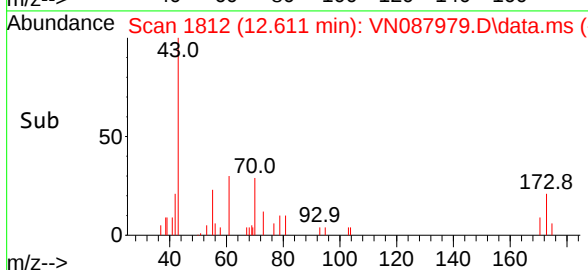
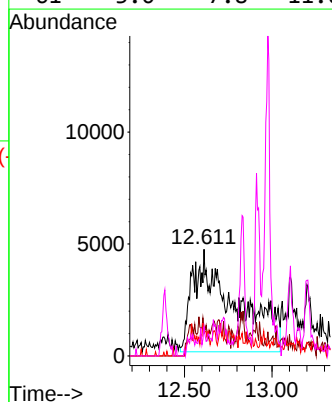
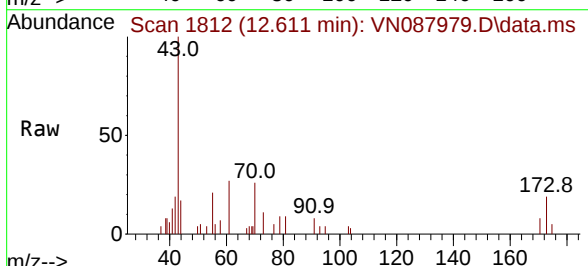
Manual Integrations
APPROVED

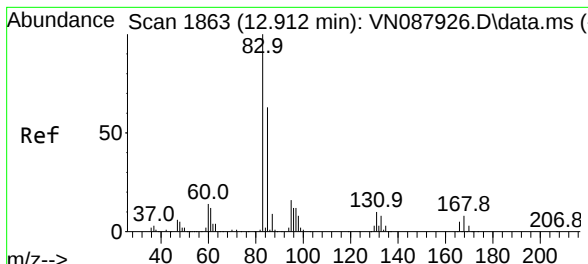
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 17.310 ug/l m
RT: 12.611 min Scan# 1812
Delta R.T. 0.112 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

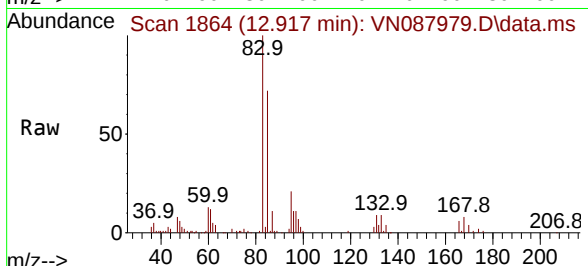
Tgt Ion: 43 Resp: 77461
Ion Ratio Lower Upper
43 100
70 4.2 19.8 29.8#
55 2.9 9.6 14.4#
61 3.0 7.8 11.6#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.093 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

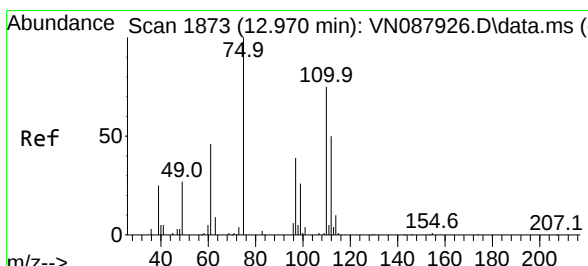
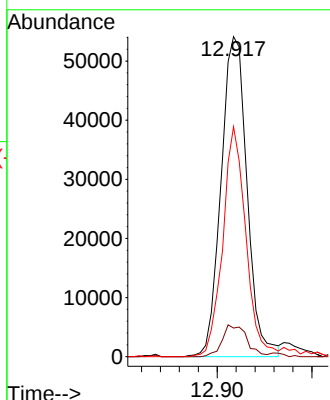
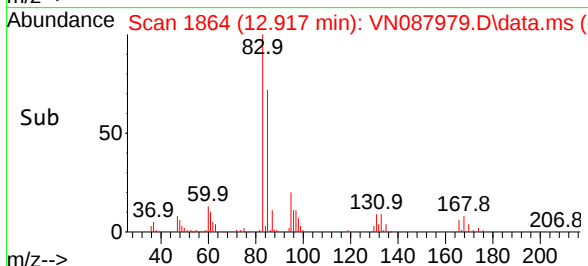
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01



Tgt Ion: 83 Resp: 103215
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.2 15.6
 85 63.8 32.4 97.0

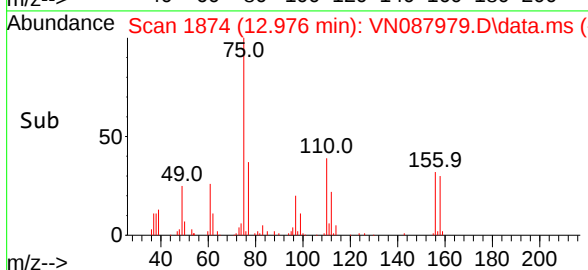
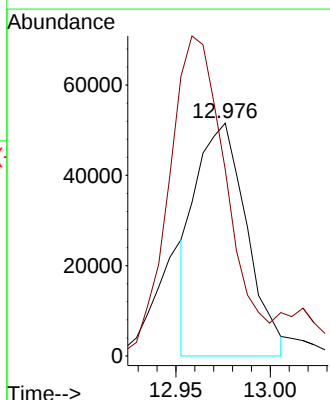
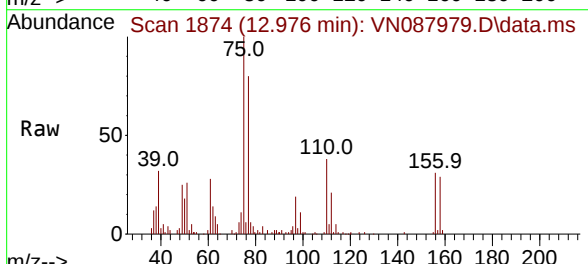
Manual Integrations
 APPROVED

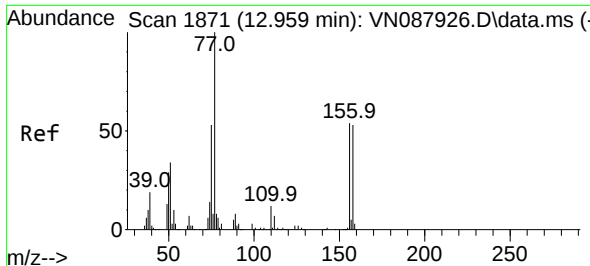
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#76
 1,2,3-Trichloropropane
 Concen: 22.446 ug/l m
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

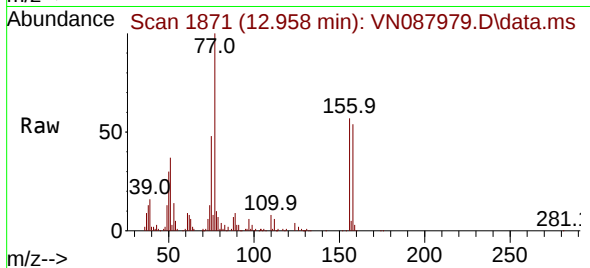
Tgt Ion: 75 Resp: 96958
 Ion Ratio Lower Upper
 75 100
 77 156.2 89.5 268.5





#77
Bromobenzene
Concen: 20.486 ug/l
RT: 12.958 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

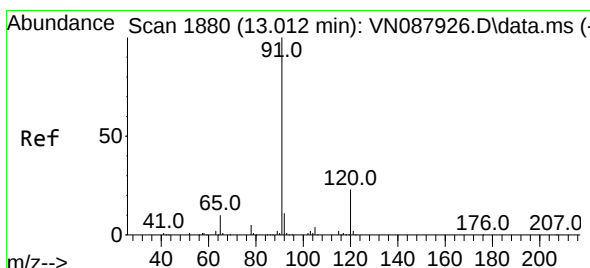
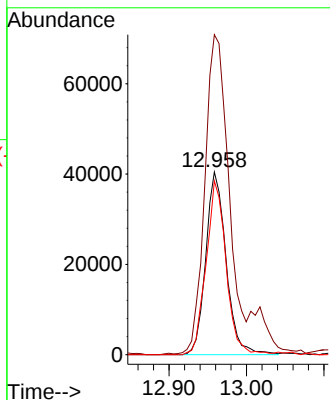
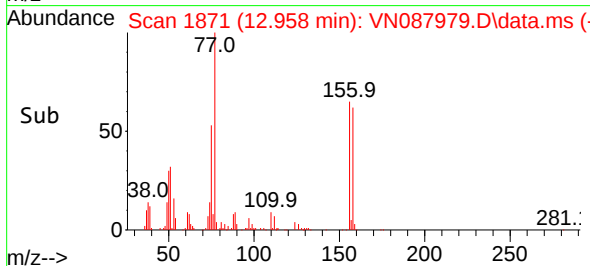
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



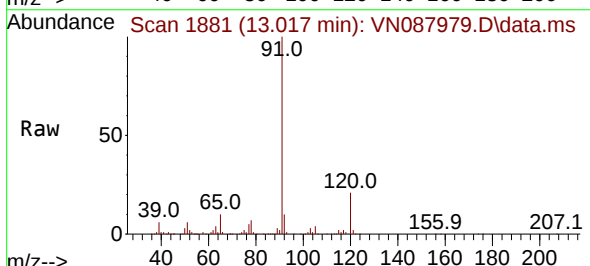
Tgt Ion:156 Resp: 7402
Ion Ratio Lower Upper
156 100
77 204.6 108.2 324.6
158 93.4 49.6 149.0

Manual Integrations
APPROVED

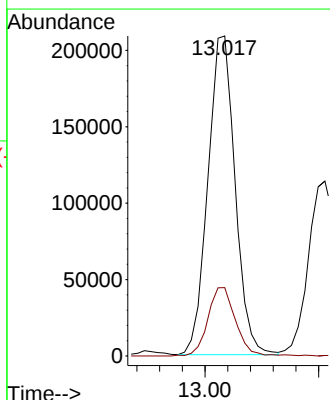
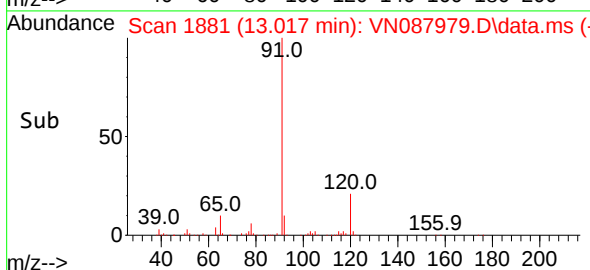
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

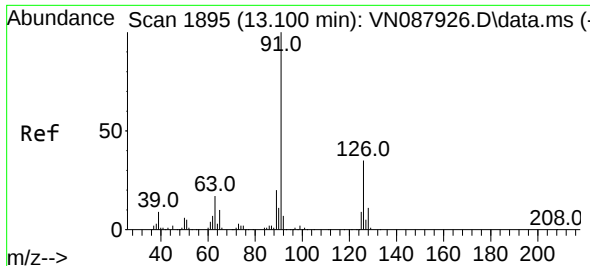


#78
n-propylbenzene
Concen: 20.470 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



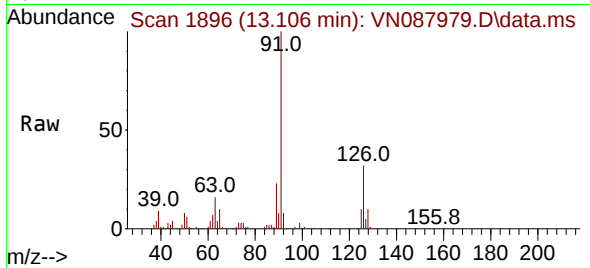
Tgt Ion: 91 Resp: 347591
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1





#79
2-Chlorotoluene
Concen: 20.031 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

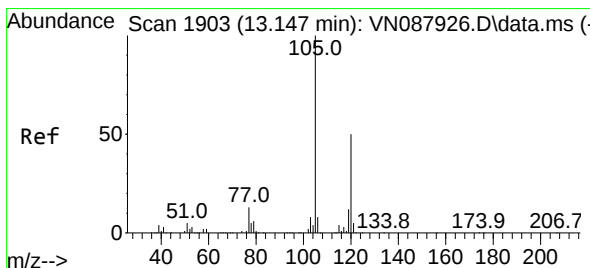
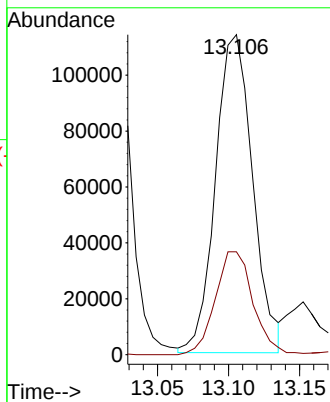
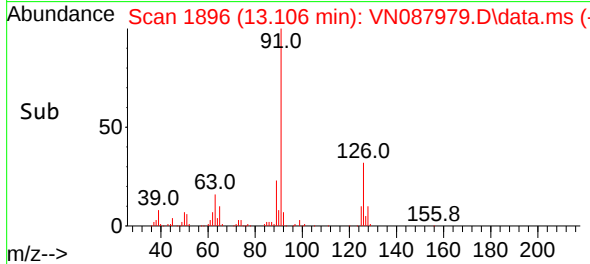
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



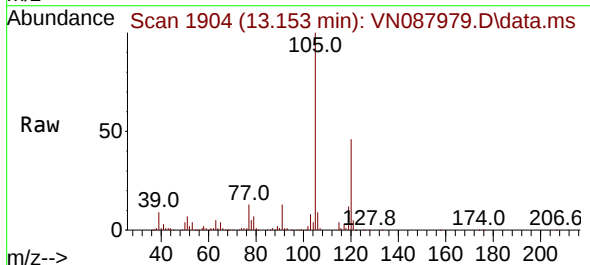
Tgt Ion: 91 Resp: 207100
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.8

Manual Integrations
APPROVED

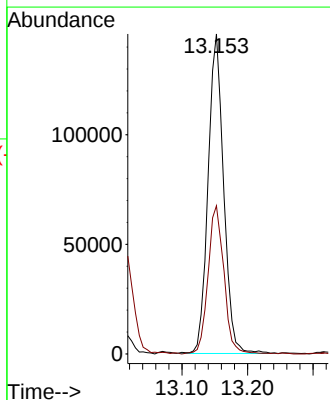
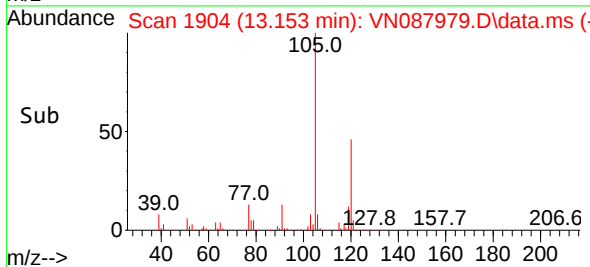
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

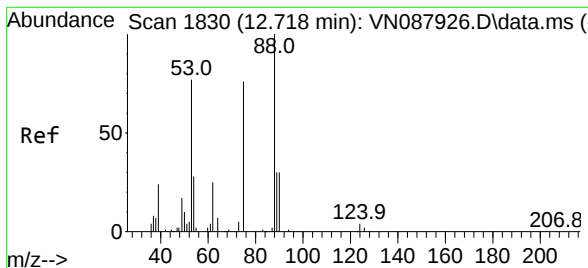


#80
1,3,5-Trimethylbenzene
Concen: 20.461 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



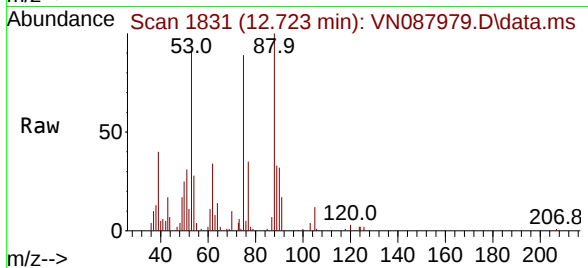
Tgt Ion:105 Resp: 240367
Ion Ratio Lower Upper
105 100
120 47.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.030 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

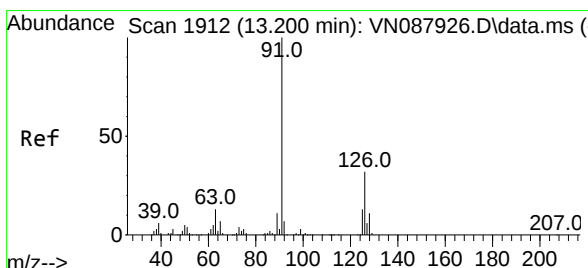
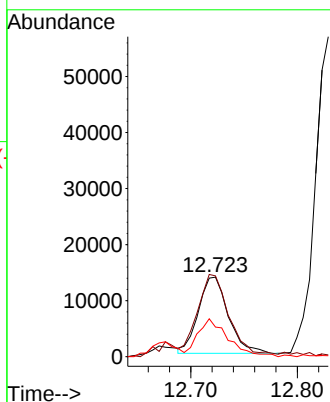
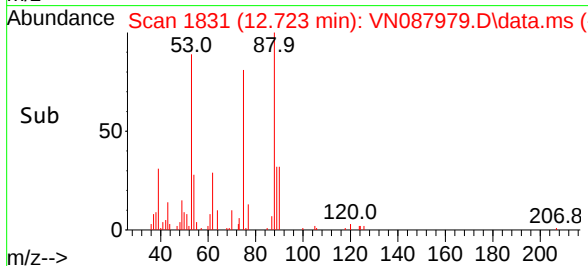
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 75 Resp: 2649
Ion Ratio Lower Upper
75 100
53 109.7 82.0 123.0
89 51.2 36.1 54.1

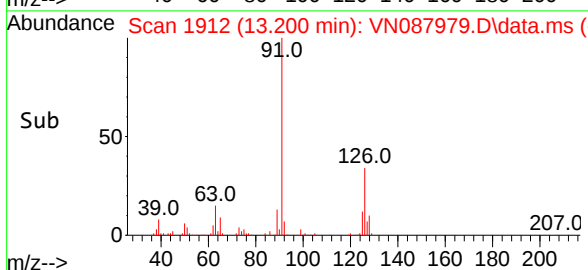
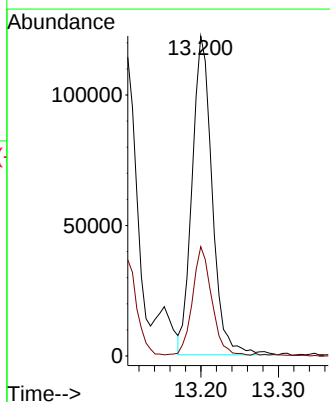
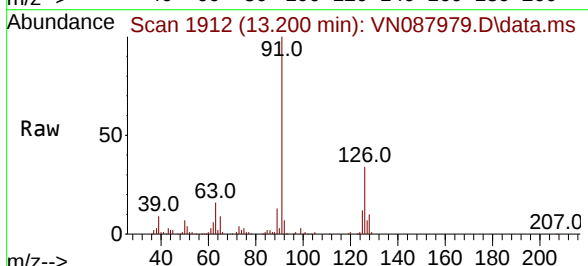
Manual Integrations
APPROVED

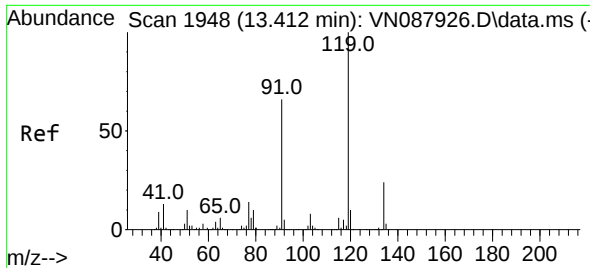
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 21.032 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

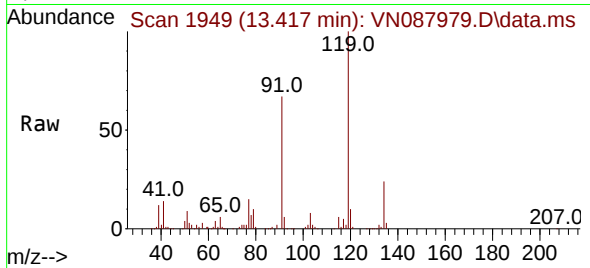
Tgt Ion: 91 Resp: 219106
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.6





#83
tert-Butylbenzene
Concen: 19.568 ug/l
RT: 13.417 min Scan# 19457
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

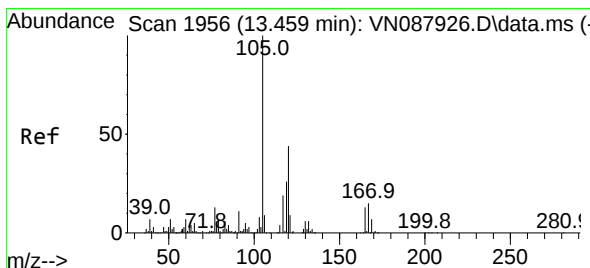
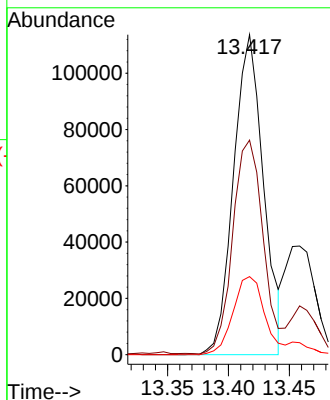
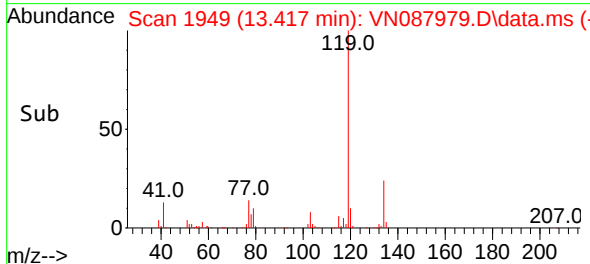
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



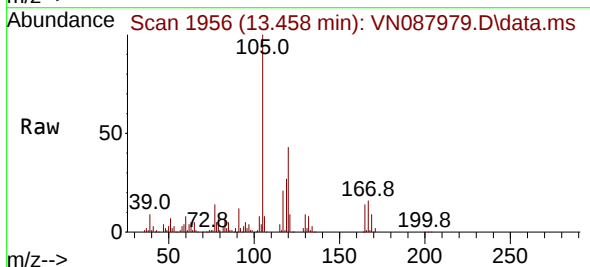
Tgt Ion:119 Resp: 19457
Ion Ratio Lower Upper
119 100
91 68.4 32.1 96.3
134 25.8 12.3 36.8

Manual Integrations
APPROVED

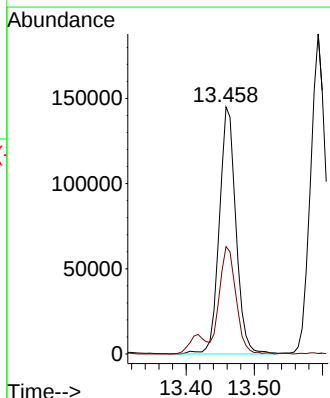
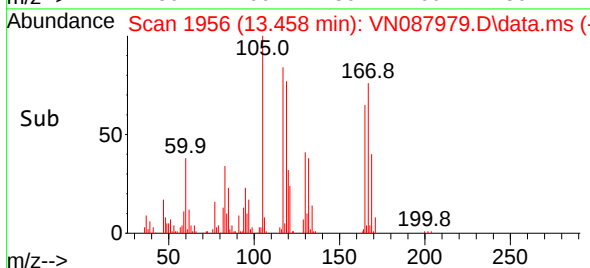
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

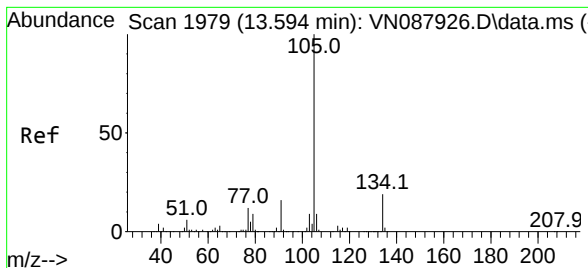


#84
1,2,4-Trimethylbenzene
Concen: 20.426 ug/l
RT: 13.458 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52



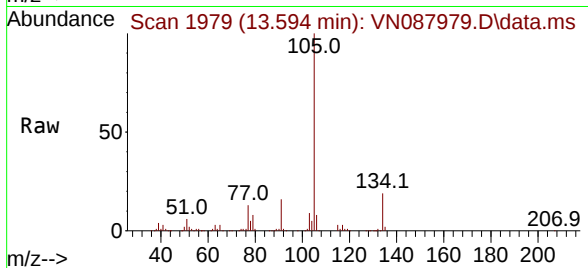
Tgt Ion:105 Resp: 246119
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.424 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52

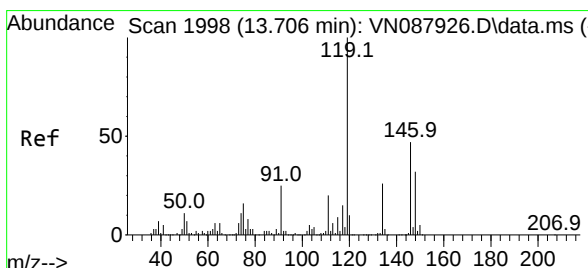
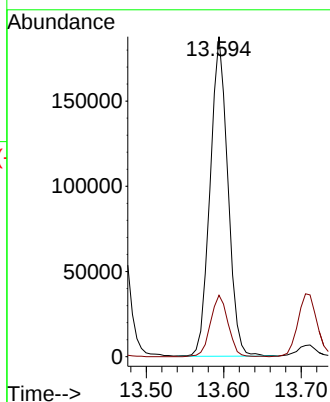
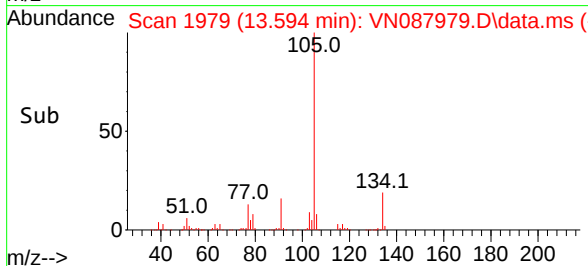
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01



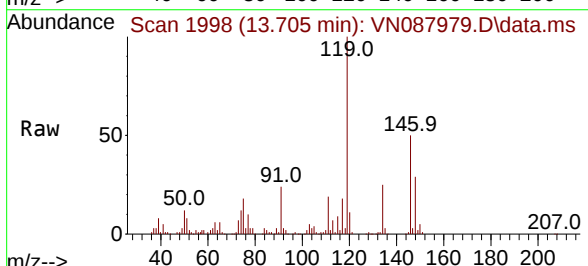
Tgt Ion:105 Resp: 297750
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8

Manual Integrations
 APPROVED

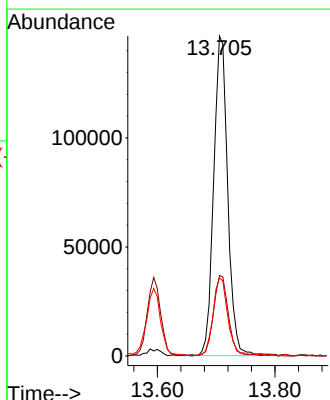
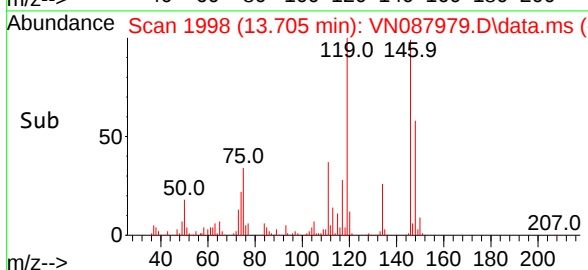
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

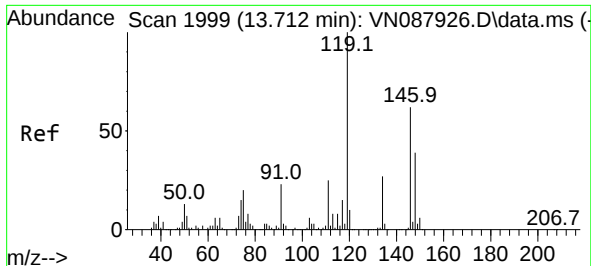


#86
 p-Isopropyltoluene
 Concen: 19.700 ug/l
 RT: 13.705 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087979.D
 Acq: 29 Sep 2025 13:52



Tgt Ion:119 Resp: 243233
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 26.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.654 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

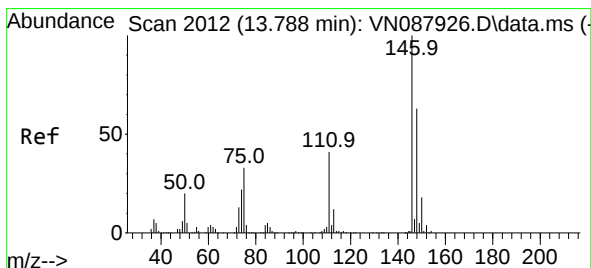
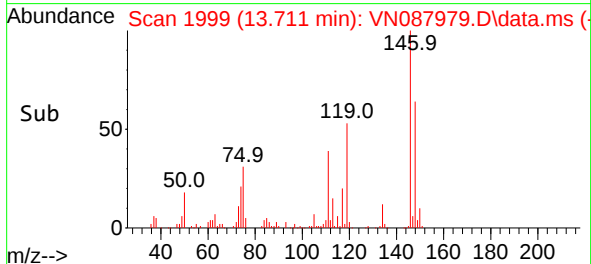
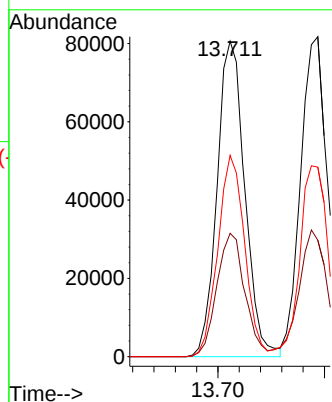
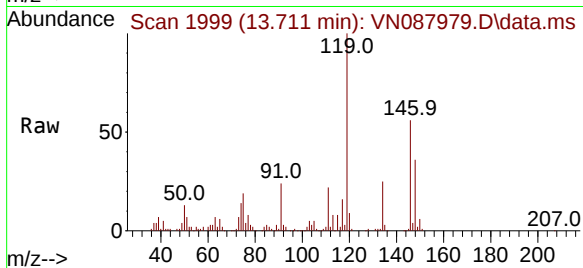
Tgt Ion:	146	Resp:	14564
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.3	60.8
148	61.7	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#88

1,4-Dichlorobenzene

Concen: 19.941 ug/l

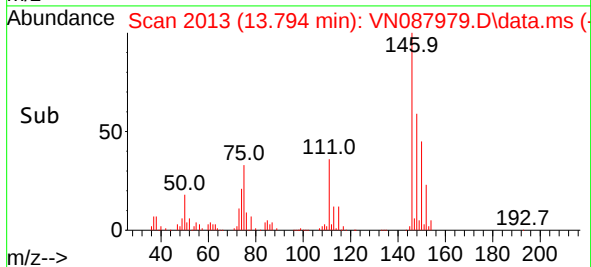
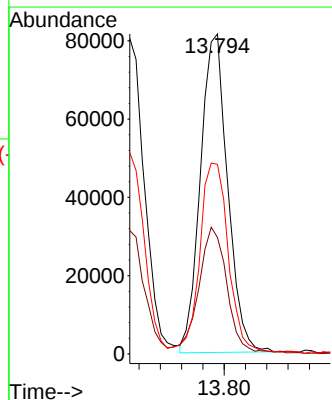
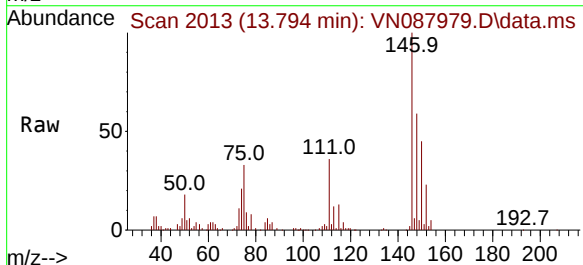
RT: 13.794 min Scan# 2013

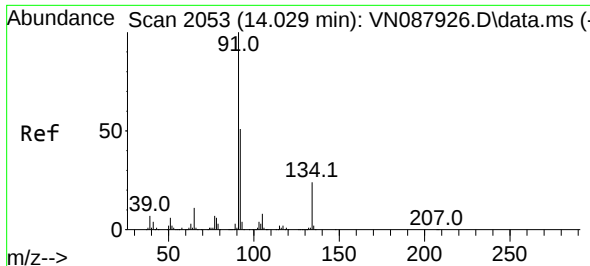
Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

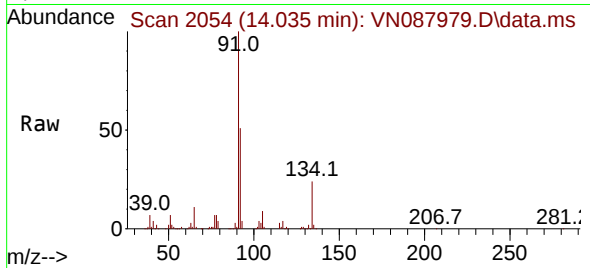
Tgt Ion:	146	Resp:	144506
Ion Ratio	Lower	Upper	
146	100		
111	42.7	20.5	61.5
148	62.0	32.8	98.4





#89
n-Butylbenzene
Concen: 20.542 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

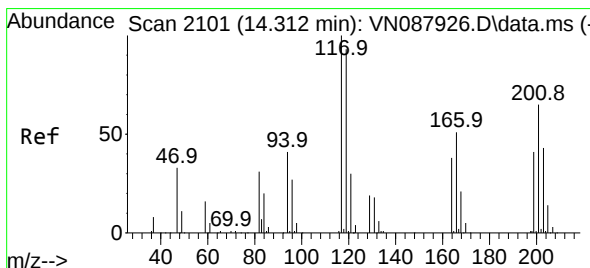
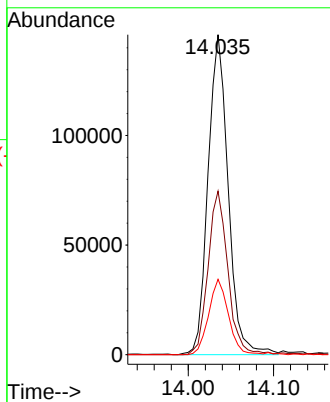
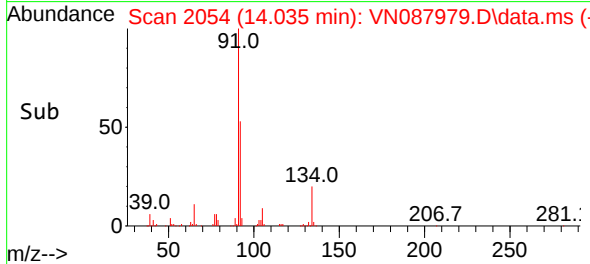
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion: 91 Resp: 239699
Ion Ratio Lower Upper
91 100
92 50.3 25.9 77.8
134 23.1 12.6 37.8

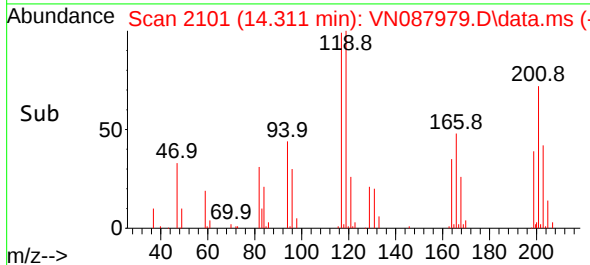
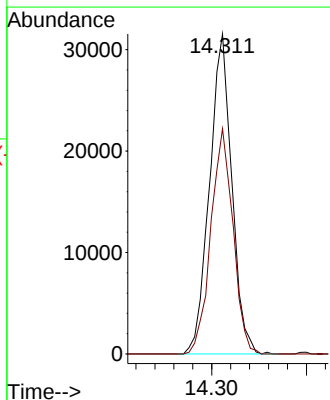
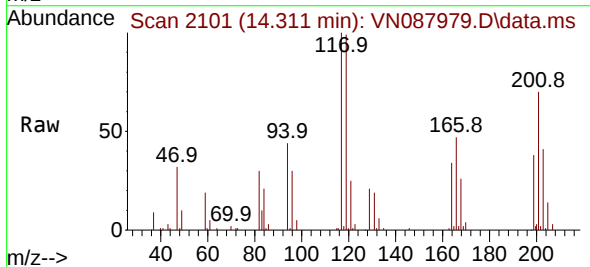
Manual Integrations
APPROVED

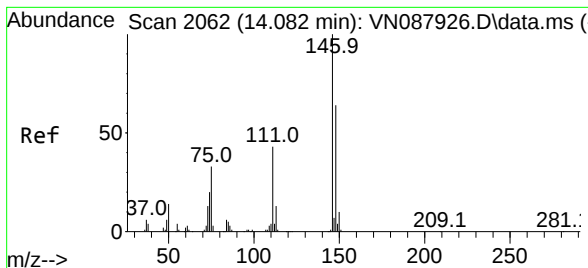
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#90
Hexachloroethane
Concen: 19.927 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

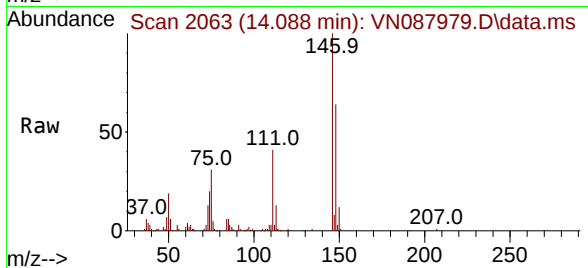
Tgt Ion:117 Resp: 51393
Ion Ratio Lower Upper
117 100
201 70.2 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 20.300 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

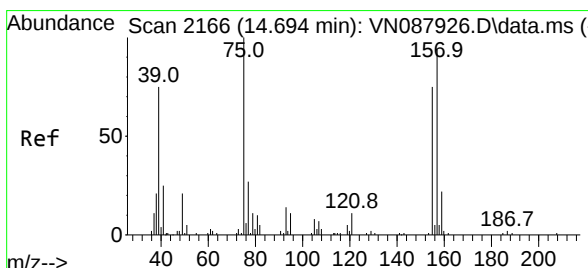
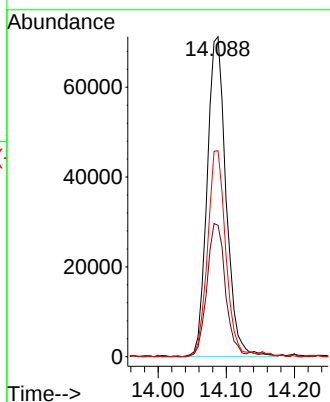
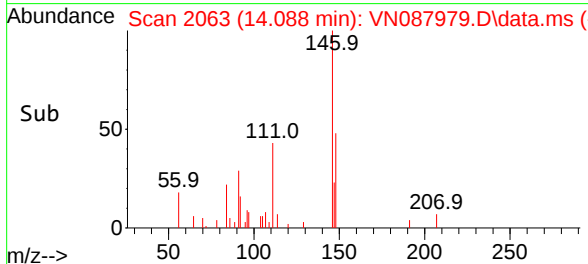
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion:146 Resp: 137980
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.7
148 61.9 31.9 95.9

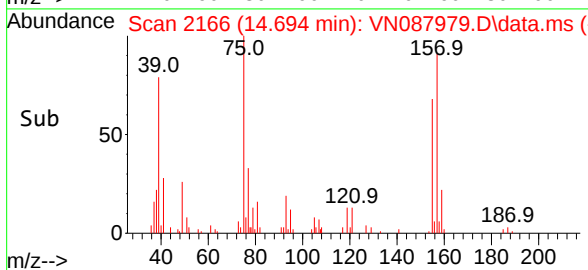
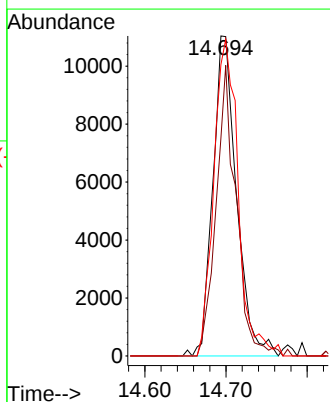
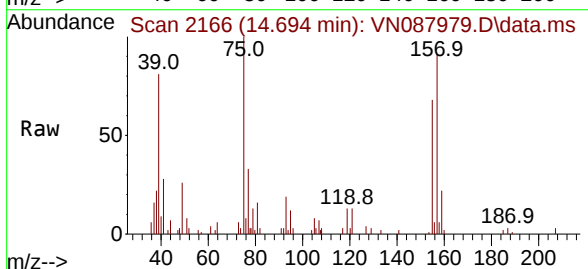
Manual Integrations
APPROVED

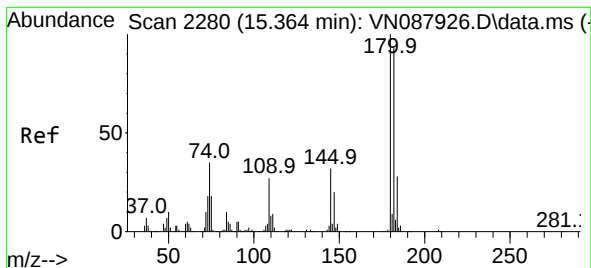
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.732 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion: 75 Resp: 22435
Ion Ratio Lower Upper
75 100
155 77.5 40.2 120.6
157 101.8 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 19.439 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

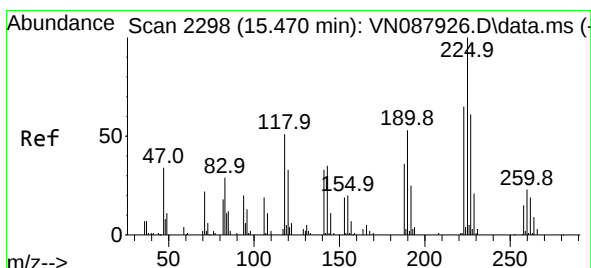
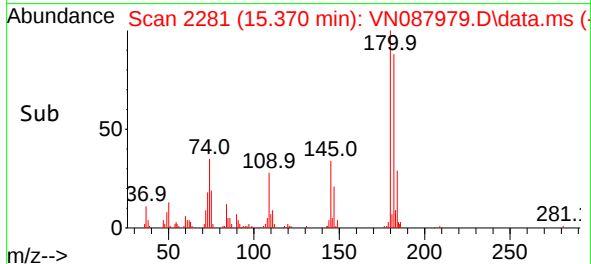
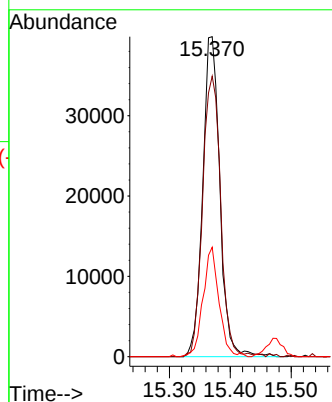
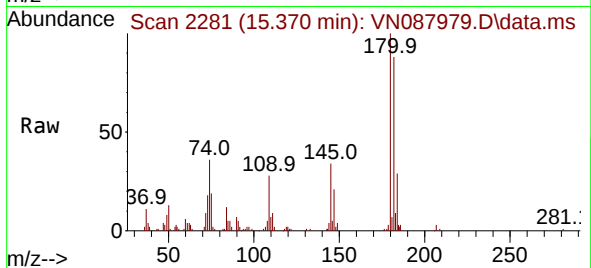
Tgt Ion:180	Resp:	78014
Ion Ratio	Lower	Upper
180	100	
182	91.9	48.5 145.5
145	31.9	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 20.833 ug/l

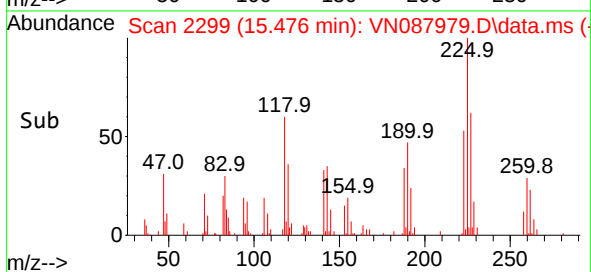
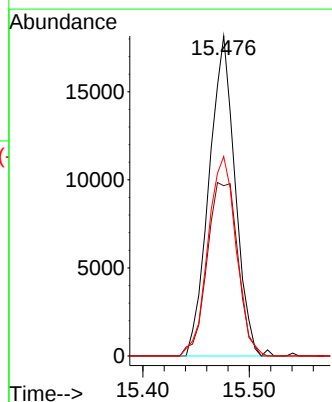
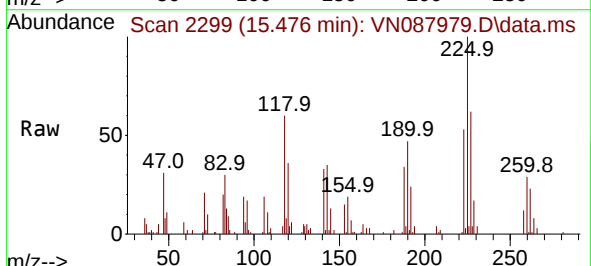
RT: 15.476 min Scan# 2299

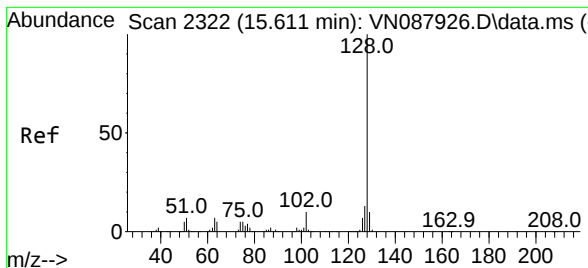
Delta R.T. 0.006 min

Lab File: VN087979.D

Acq: 29 Sep 2025 13:52

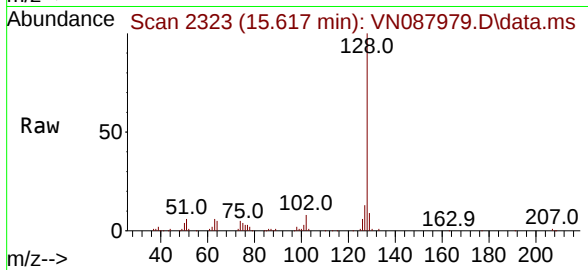
Tgt Ion:225	Resp:	30773
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.8 95.4
227	67.5	31.9 95.9





#95
Naphthalene
Concen: 19.150 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

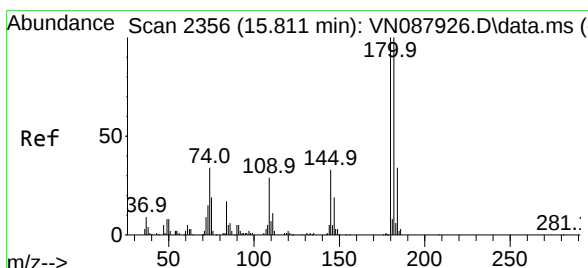
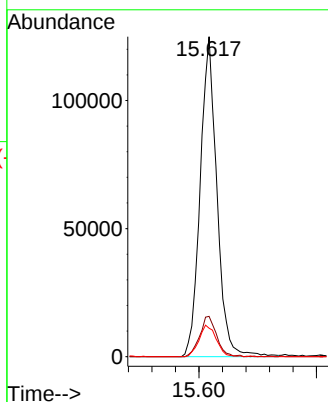
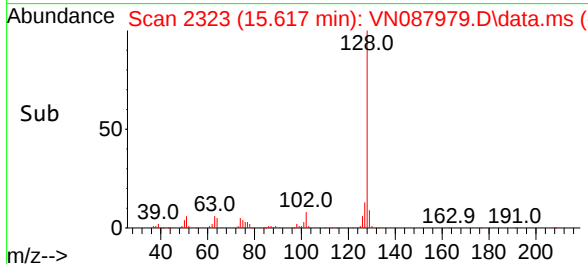
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01



Tgt Ion:128 Resp: 246698
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.779 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087979.D
Acq: 29 Sep 2025 13:52

Tgt Ion:180 Resp: 73267
Ion Ratio Lower Upper
180 100
182 100.9 47.3 142.0
145 36.2 16.1 48.3

