

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086620.D
 Acq On : 14 May 2025 12:32
 Operator : JC\MD
 Sample : VN0514MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 03:01:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112207	50.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.159	113	84294	64.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 129.200%#			
50) Toluene-d8	10.565	98	341143	48.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	12.847	95	123155	48.415	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42191	23.287	ug/l	96
3) Chloromethane	2.359	50	54927	20.860	ug/l	98
4) Vinyl Chloride	2.512	62	50954	20.278	ug/l	98
5) Bromomethane	2.959	94	30391	26.888	ug/l	97
6) Chloroethane	3.118	64	33832	20.117	ug/l	97
7) Trichlorofluoromethane	3.501	101	61403	22.061	ug/l	97
8) Diethyl Ether	3.959	74	25516	20.999	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	37837	22.472	ug/l	99
10) Methyl Iodide	4.589	142	42224	22.809	ug/l	97
11) Tert butyl alcohol	5.512	59	41687	103.088	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36373	20.220	ug/l	98
13) Acrolein	4.183	56	21427	104.874	ug/l	96
14) Allyl chloride	5.024	41	57169	17.877	ug/l	99
15) Acrylonitrile	5.712	53	106681	106.718	ug/l	99
16) Acetone	4.424	43	86593	109.806	ug/l	97
17) Carbon Disulfide	4.712	76	101126	18.775	ug/l	99
18) Methyl Acetate	5.024	43	50011	18.798	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	138203	20.900	ug/l	97
20) Methylene Chloride	5.277	84	45151	22.037	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	39989	21.263	ug/l	94
22) Diisopropyl ether	6.671	45	137449	19.758	ug/l	98
23) Vinyl Acetate	6.600	43	512489	105.385	ug/l	97
24) 1,1-Dichloroethane	6.571	63	76555	20.857	ug/l	99
25) 2-Butanone	7.477	43	139943	101.442	ug/l	99
26) 2,2-Dichloropropane	7.489	77	65694	19.990	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	49085	21.028	ug/l	97
28) Bromochloromethane	7.812	49	34645	22.261	ug/l	94
29) Tetrahydrofuran	7.836	42	92052	99.785	ug/l	96
30) Chloroform	7.965	83	77118	21.388	ug/l	95
31) Cyclohexane	8.259	56	68689	19.124	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	65189	21.134	ug/l	98
36) 1,1-Dichloropropene	8.371	75	56575	21.706	ug/l	99
37) Ethyl Acetate	7.559	43	57162	20.832	ug/l	99
38) Carbon Tetrachloride	8.359	117	55274	22.269	ug/l	97
39) Methylcyclohexane	9.600	83	60350	19.481	ug/l	96
40) Benzene	8.600	78	181070	21.683	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	30747	19.334	ug/l	95
42) 1,2-Dichloroethane	8.665	62	60361	22.667	ug/l	100
43) Isopropyl Acetate	8.683	43	110195	21.027	ug/l	99
44) Trichloroethene	9.347	130	44049	22.255	ug/l	98
45) 1,2-Dichloropropane	9.618	63	44413	21.727	ug/l	96
46) Dibromomethane	9.706	93	30303	23.267	ug/l	97
47) Bromodichloromethane	9.883	83	61573	21.889	ug/l	97
48) Methyl methacrylate	9.677	41	45510	18.886	ug/l	95
49) 1,4-Dioxane	9.688	88	18185	443.665	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	291587	103.773	ug/l	99
52) Toluene	10.624	92	112623	21.614	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	67341	21.446	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	72120	20.911	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	43006	22.940	ug/l	96
56) Ethyl methacrylate	10.871	69	69325	20.117	ug/l	98
57) 1,3-Dichloropropane	11.159	76	74535	22.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	147021	89.888	ug/l	97
59) 2-Hexanone	11.194	43	215248	103.278	ug/l	99
60) Dibromochloromethane	11.353	129	46028	22.359	ug/l	100
61) 1,2-Dibromoethane	11.465	107	43654	23.077	ug/l	98
64) Tetrachloroethene	11.100	164	42820	22.111	ug/l	99
65) Chlorobenzene	11.888	112	123554	21.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	41674	22.483	ug/l	100
67) Ethyl Benzene	11.959	91	212889	20.997	ug/l	100
68) m/p-Xylenes	12.065	106	162209	42.698	ug/l	97
69) o-Xylene	12.394	106	79954	21.281	ug/l	96
70) Styrene	12.406	104	133191	21.277	ug/l	97
71) Bromoform	12.576	173	29999	21.496	ug/l #	97
73) Isopropylbenzene	12.694	105	193018	19.715	ug/l	99
74) N-amyl acetate	12.488	43	85445	17.531	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	60257	21.405	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	50612m	17.920	ug/l	
77) Bromobenzene	12.976	156	48098	22.172	ug/l	93
78) n-propylbenzene	13.035	91	228577	19.813	ug/l	100
79) 2-Chlorotoluene	13.123	91	144165	19.970	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	159702	19.930	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21601	18.368	ug/l	94
82) 4-Chlorotoluene	13.218	91	146188	20.385	ug/l	98
83) tert-Butylbenzene	13.435	119	135940	19.578	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	161961	19.856	ug/l	100
85) sec-Butylbenzene	13.612	105	191096	19.842	ug/l	99
86) p-Isopropyltoluene	13.723	119	157819	19.881	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87144	21.369	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	88221	21.478	ug/l	98
89) n-Butylbenzene	14.053	91	135056	19.194	ug/l	99
90) Hexachloroethane	14.329	117	26322	19.713	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	86266	21.819	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	10898	19.200	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	37825	19.979	ug/l	99
94) Hexachlorobutadiene	15.500	225	15338	21.462	ug/l	98
95) Naphthalene	15.635	128	127994	19.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	36674	20.461	ug/l	99

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ClientSampleId :
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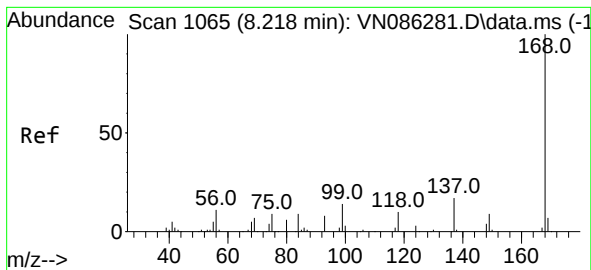
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 03:01:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

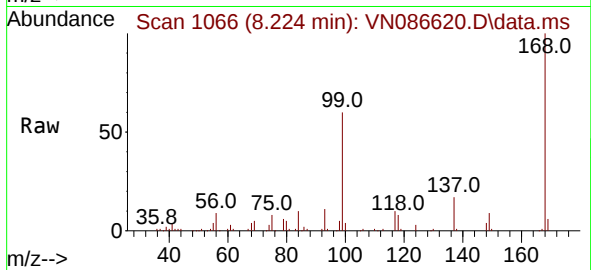
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086620.D
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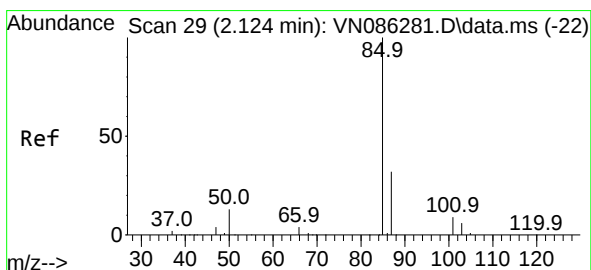
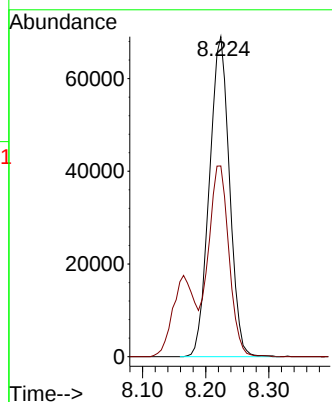
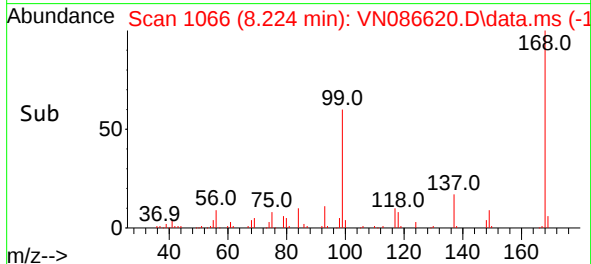
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion:168 Resp: 152839
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7

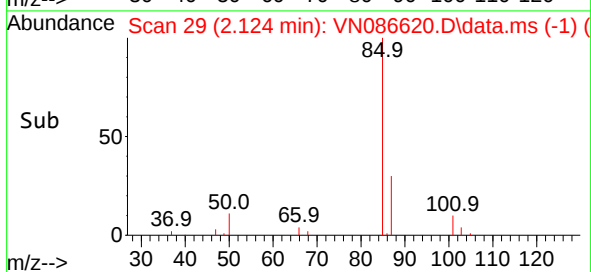
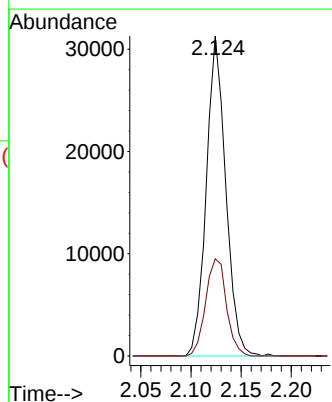
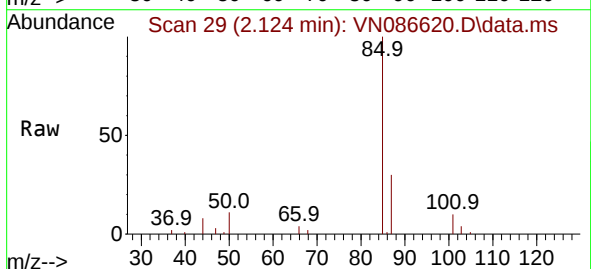
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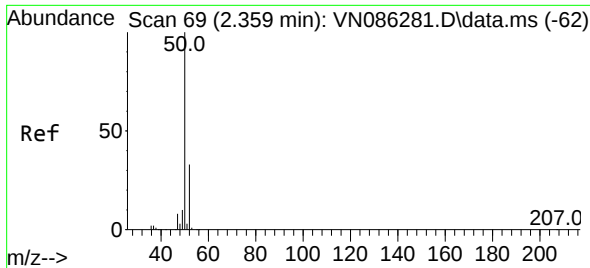
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#2
Dichlorodifluoromethane
Concen: 23.287 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

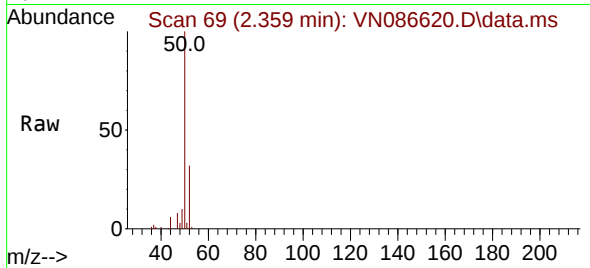
Tgt Ion: 85 Resp: 42191
Ion Ratio Lower Upper
85 100
87 30.3 16.3 48.8





#3
Chloromethane
Concen: 20.860 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

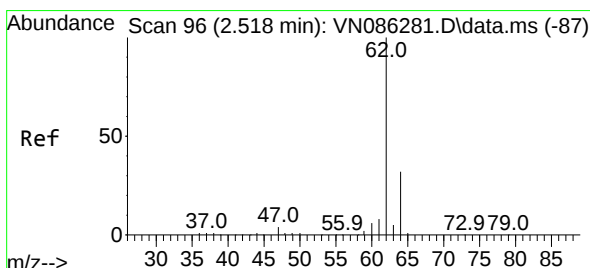
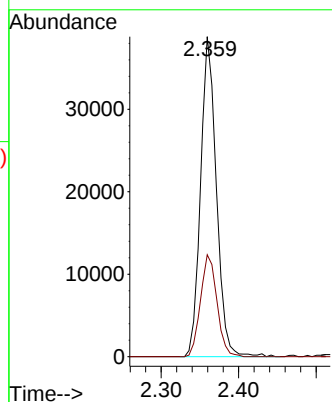
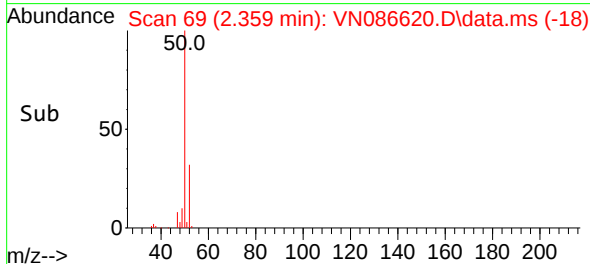
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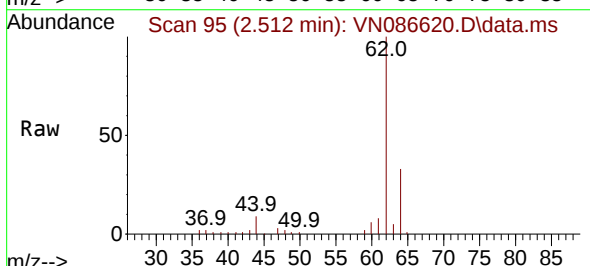
Tgt Ion: 50 Resp: 5492
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

Manual Integrations
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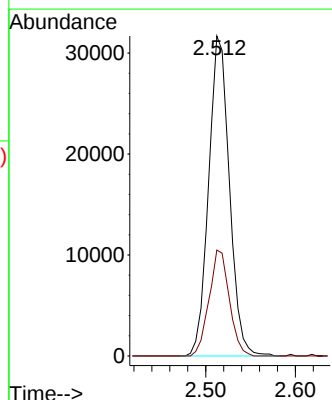
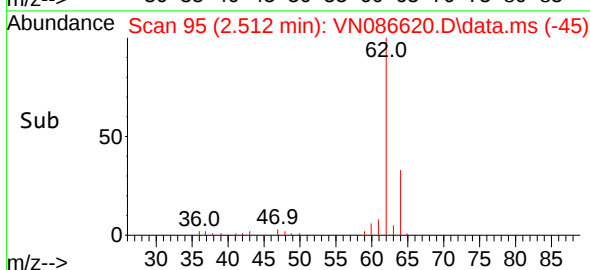
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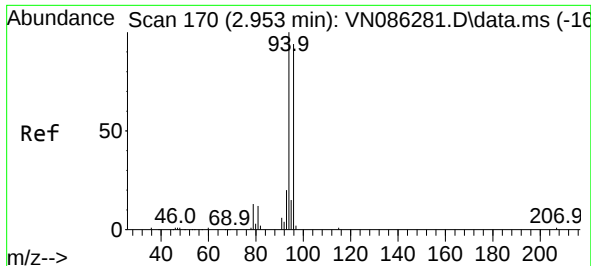


#4
Vinyl Chloride
Concen: 20.278 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



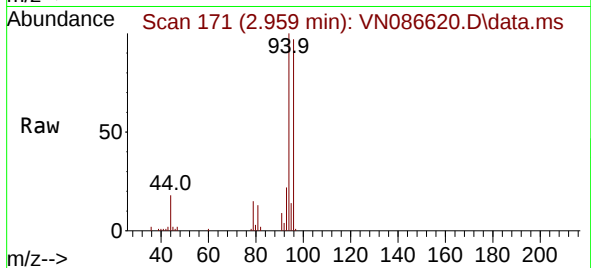
Tgt Ion: 62 Resp: 50954
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4





#5
Bromomethane
Concen: 26.888 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

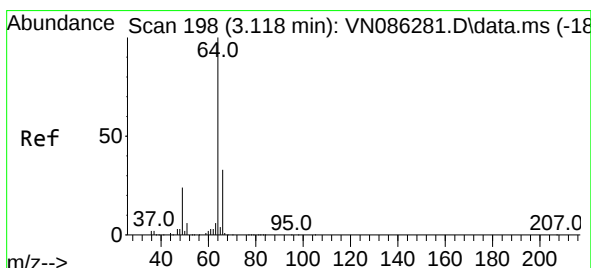
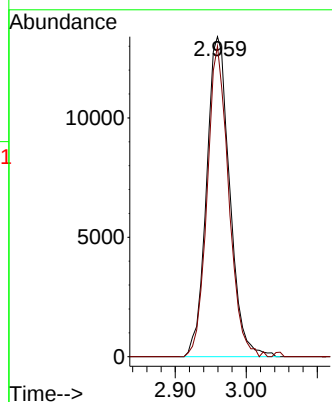
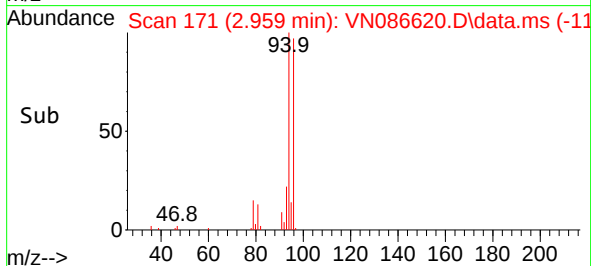
Instrument :
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Tgt Ion: 94 Resp: 3039
Ion Ratio Lower Upper
94 100
96 97.1 75.2 112.8

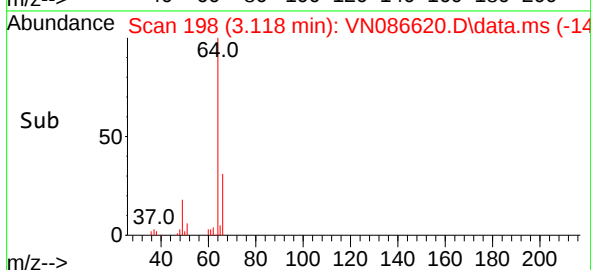
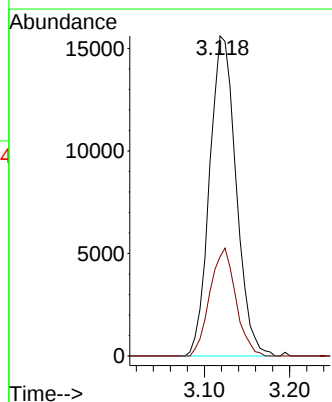
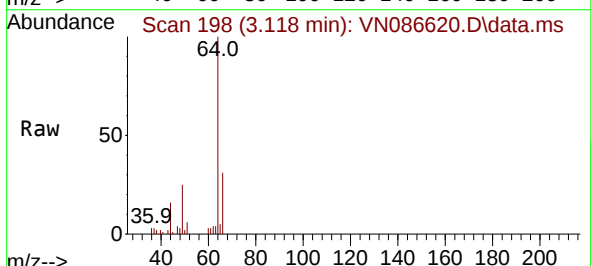
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#6
Chloroethane
Concen: 20.117 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

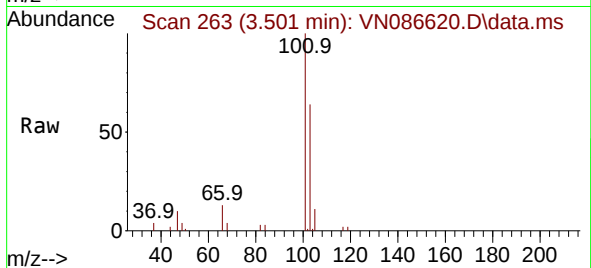
Tgt Ion: 64 Resp: 33832
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 22.061 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32

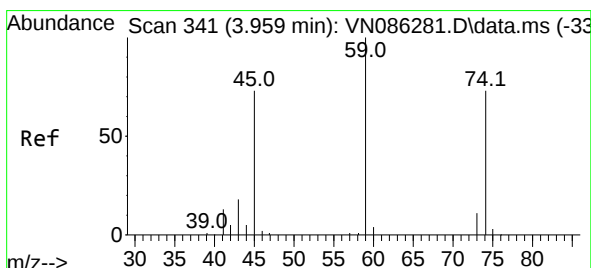
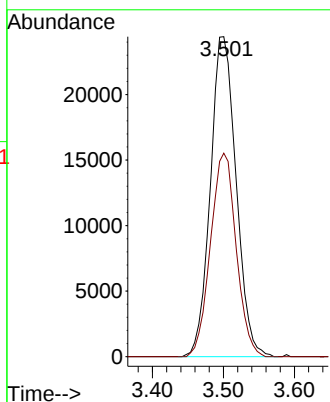
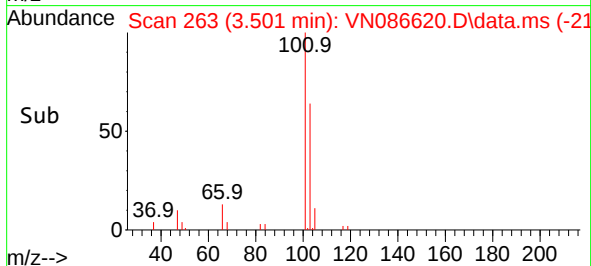
Instrument :
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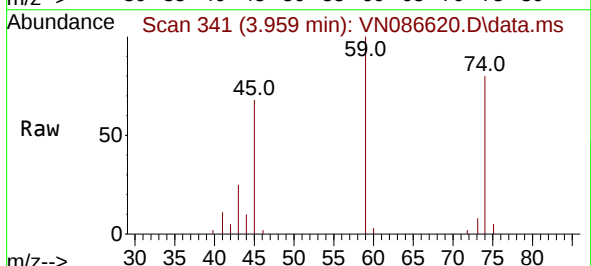
Tgt Ion: 101 Resp: 6140
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.2 73.8

Manual Integrations
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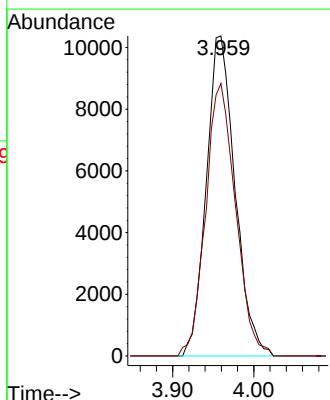
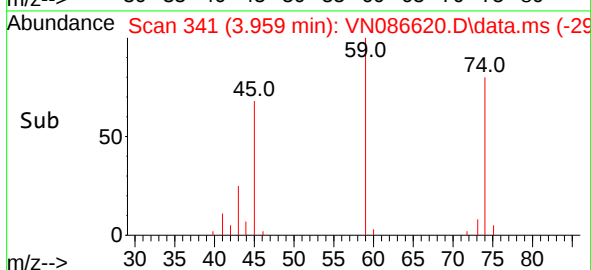
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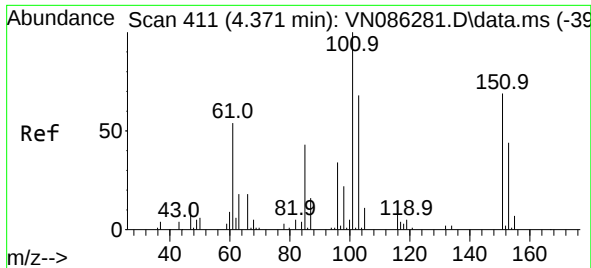


#8
 Diethyl Ether
 Concen: 20.999 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32



Tgt Ion: 74 Resp: 25516
 Ion Ratio Lower Upper
 74 100
 45 88.6 48.0 144.2





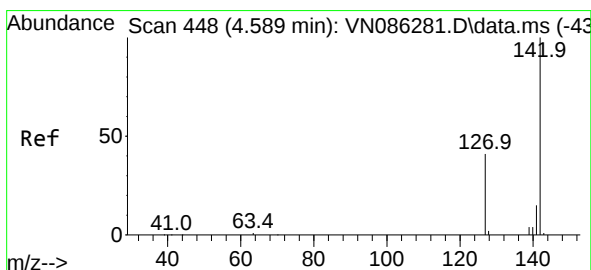
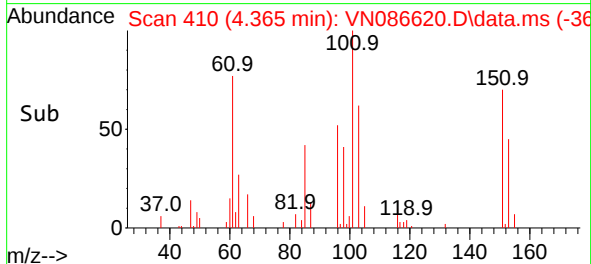
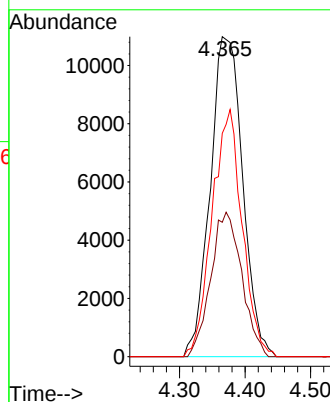
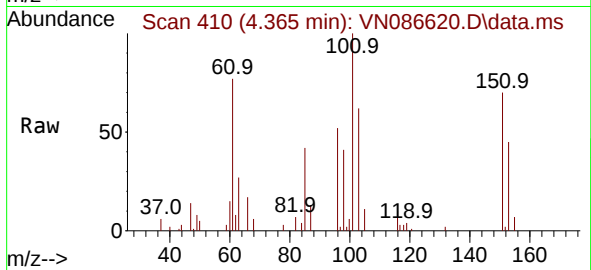
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.472 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01

Tgt Ion:101 Resp: 3783
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 71.6 56.1 84.1

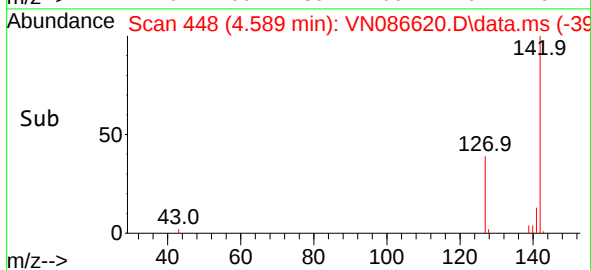
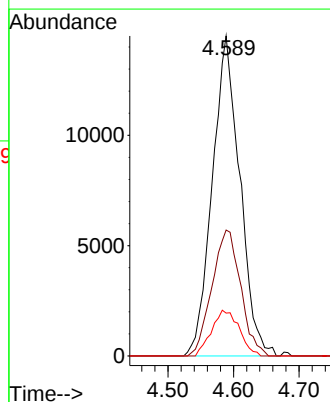
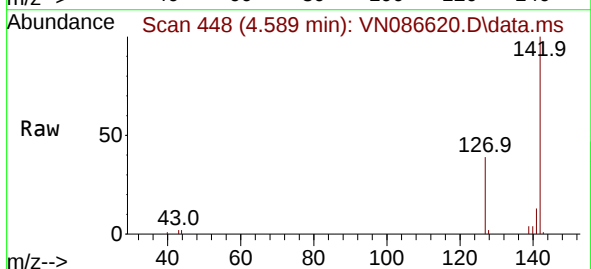
Manual Integrations
APPROVED

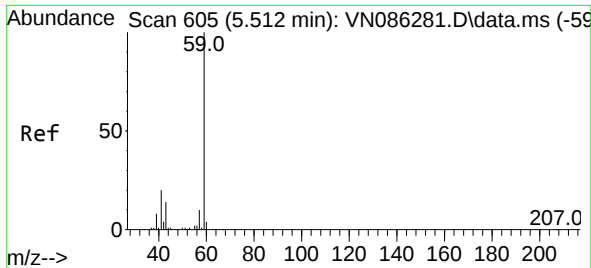
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#10
Methyl Iodide
Concen: 22.809 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

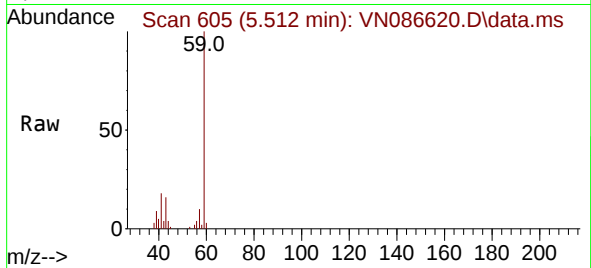
Tgt Ion:142 Resp: 42224
Ion Ratio Lower Upper
142 100
127 39.4 32.7 49.1
141 13.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 103.088 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

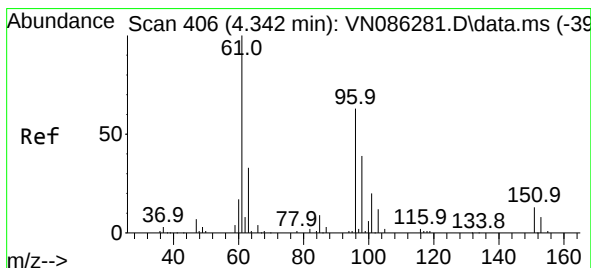
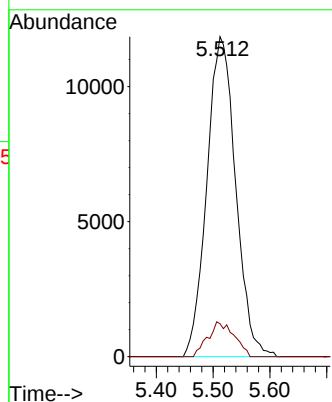
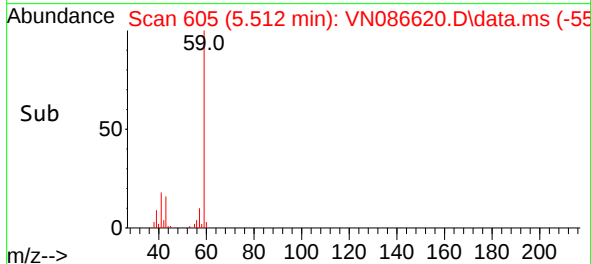
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



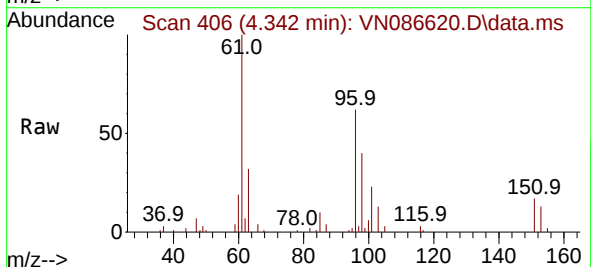
Tgt Ion: 59 Resp: 4168
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

Manual Integrations
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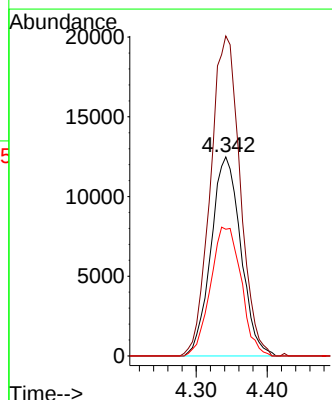
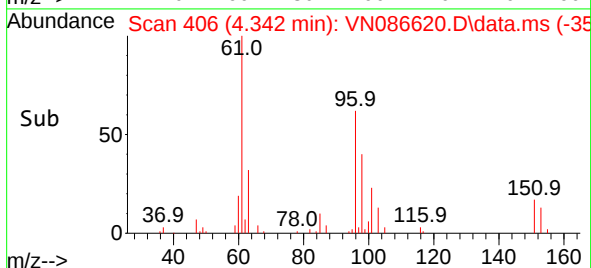
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

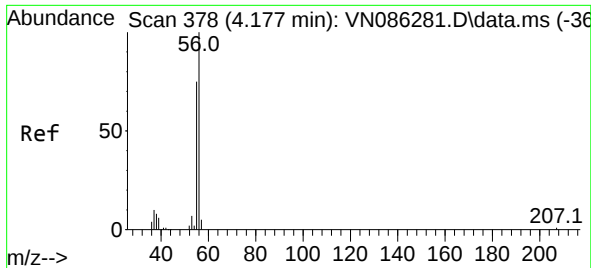


#12
1,1-Dichloroethene
Concen: 20.220 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



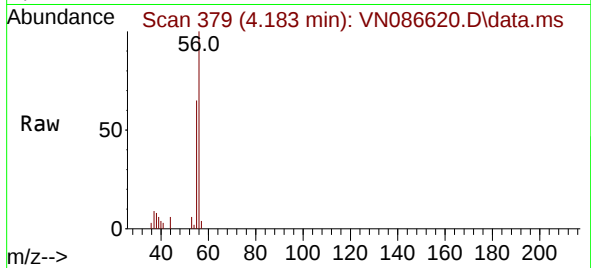
Tgt Ion: 96 Resp: 36373
Ion Ratio Lower Upper
96 100
61 160.8 126.6 189.8
98 63.7 49.6 74.4





#13
Acrolein
Concen: 104.874 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

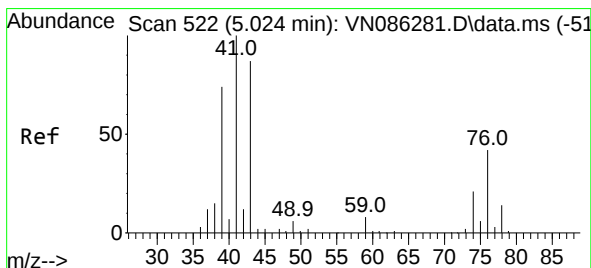
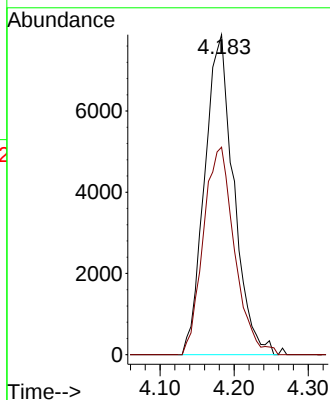
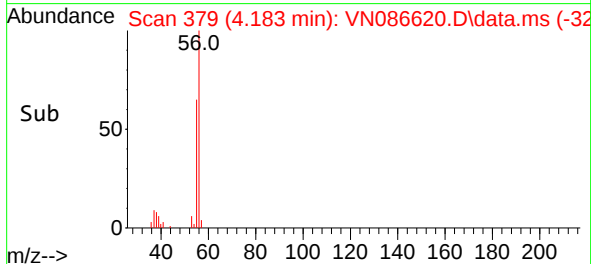
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



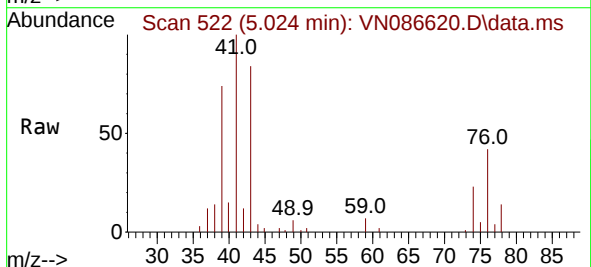
Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
55 69.6 58.5 87.7

Manual Integrations
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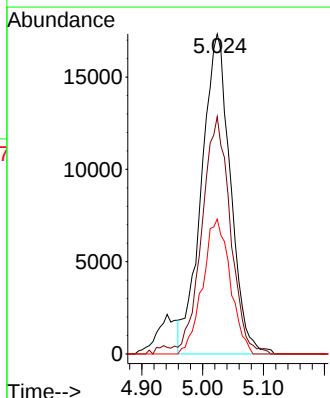
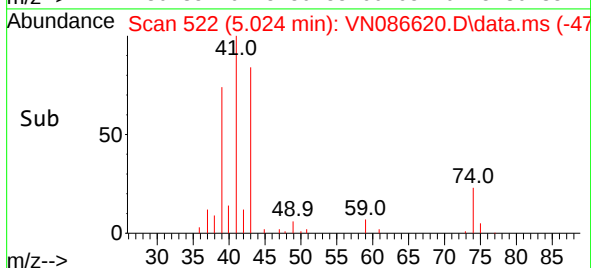
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#14
Allyl chloride
Concen: 17.877 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



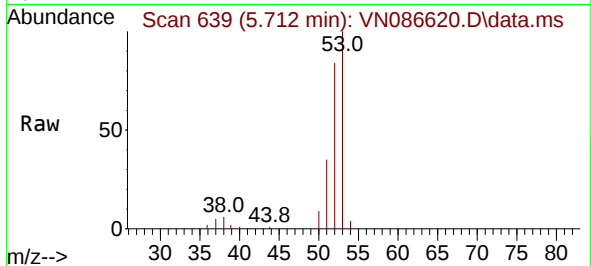
Tgt Ion: 41 Resp: 57169
Ion Ratio Lower Upper
41 100
39 72.9 59.2 88.8
76 40.0 31.2 46.8





#15
Acrylonitrile
Concen: 106.718 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

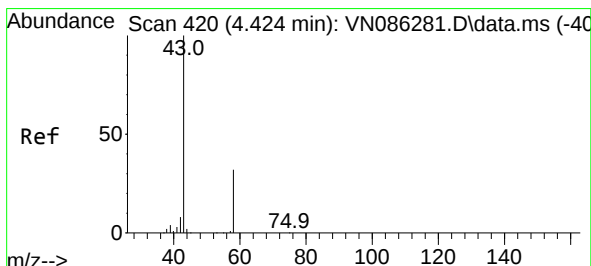
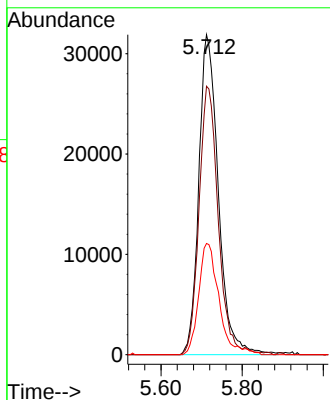
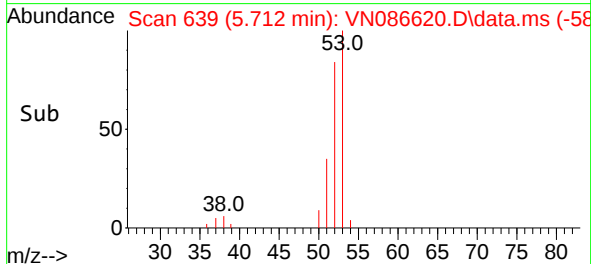
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion: 53 Resp: 10668
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 36.1 28.6 42.8

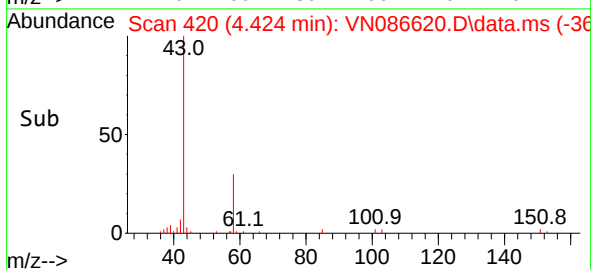
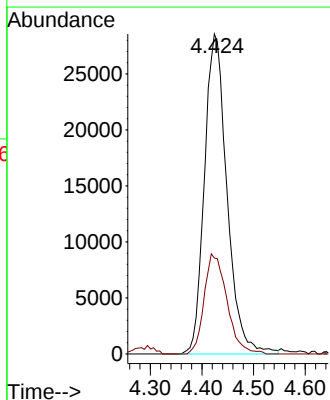
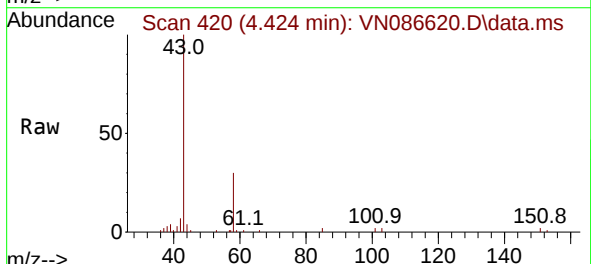
Manual Integrations
APPROVED

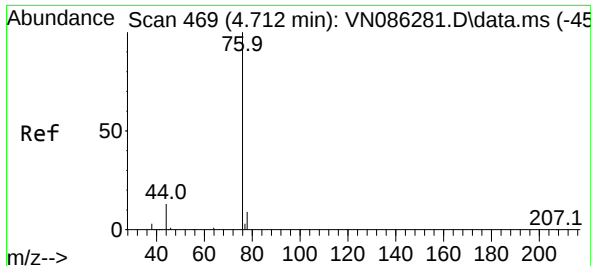
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#16
Acetone
Concen: 109.806 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

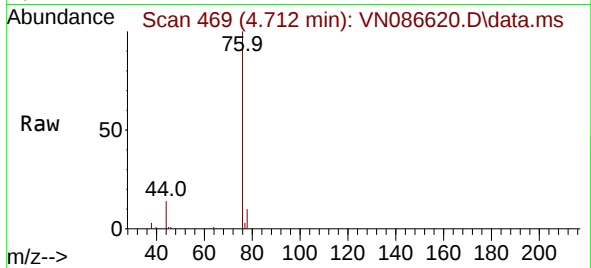
Tgt Ion: 43 Resp: 86593
Ion Ratio Lower Upper
43 100
58 30.0 25.3 37.9





#17
Carbon Disulfide
Concen: 18.775 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

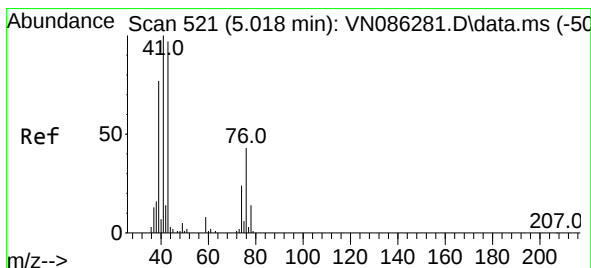
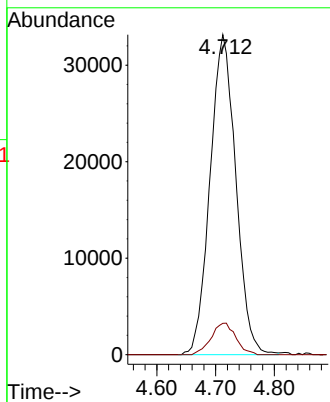
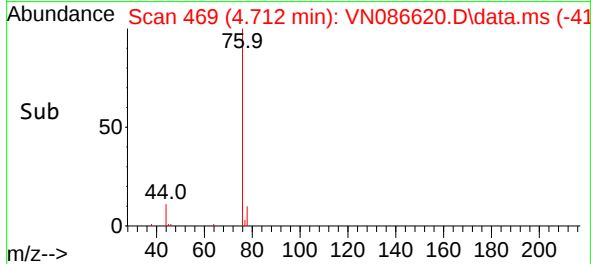
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



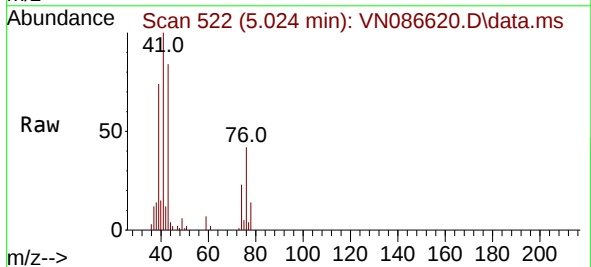
Tgt Ion: 76 Resp: 101120
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4

Manual Integrations
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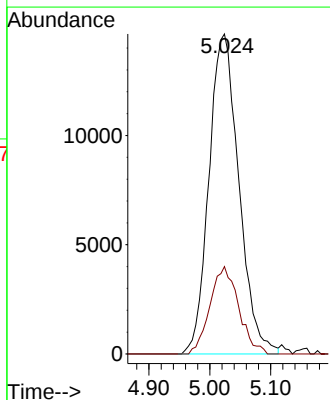
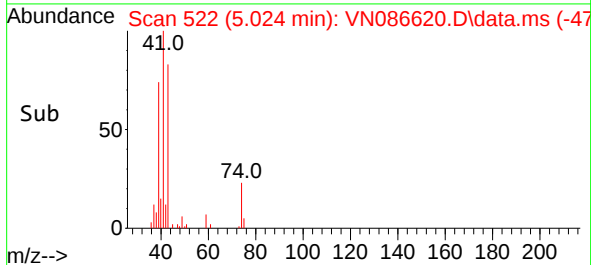
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

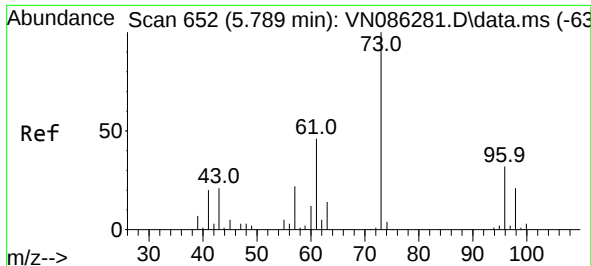


#18
Methyl Acetate
Concen: 18.798 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion: 43 Resp: 50011
Ion Ratio Lower Upper
43 100
74 26.1 19.8 29.6





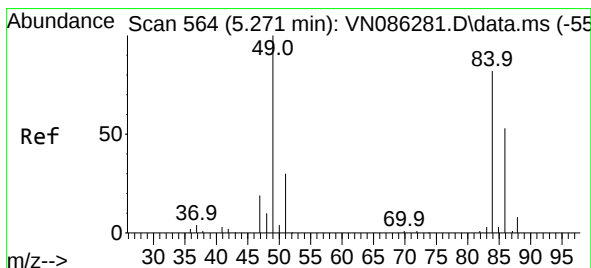
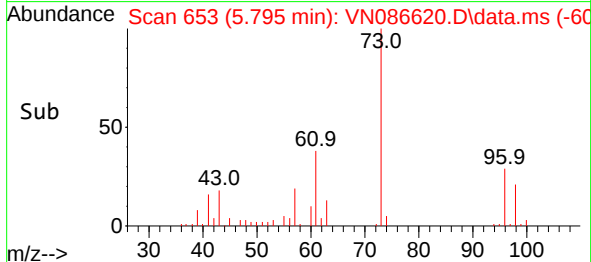
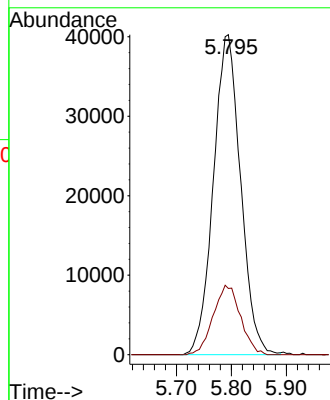
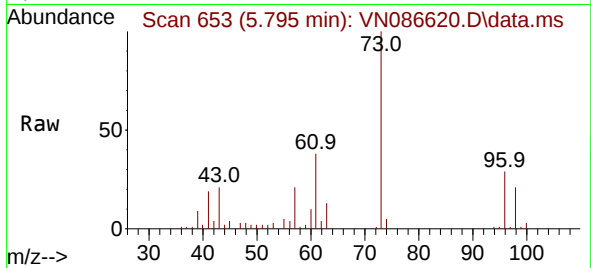
#19
Methyl tert-butyl Ether
Concen: 20.900 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01

Tgt Ion: 73 Resp: 13820
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

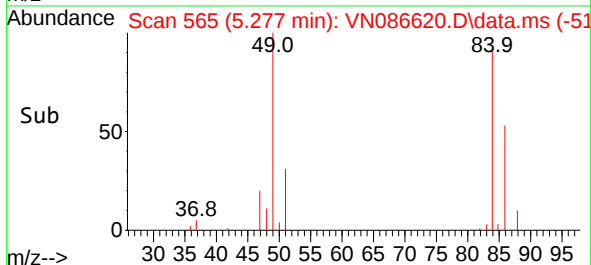
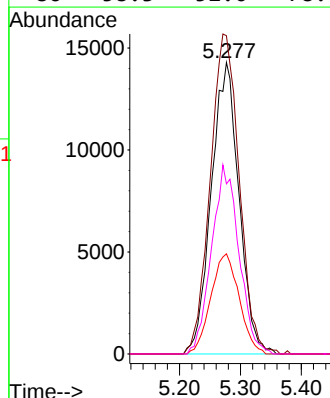
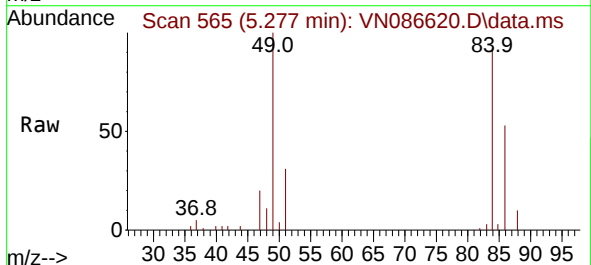
Manual Integrations
APPROVED

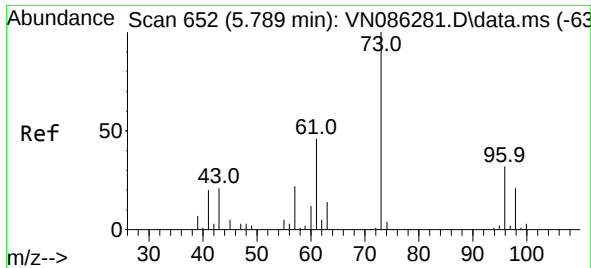
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#20
Methylene Chloride
Concen: 22.037 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

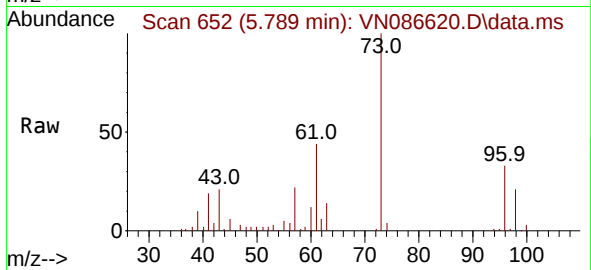
Tgt Ion: 84 Resp: 45151
Ion Ratio Lower Upper
84 100
49 109.2 98.2 147.2
51 34.4 29.8 44.6
86 58.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 21.263 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

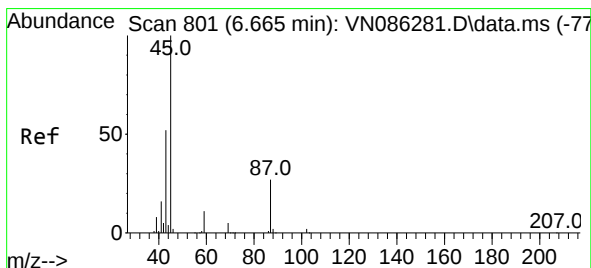
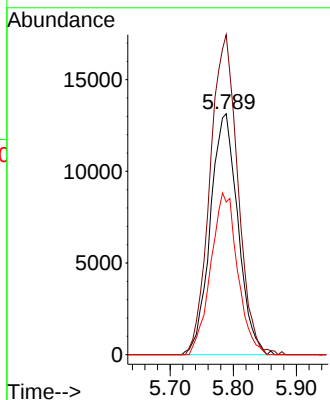
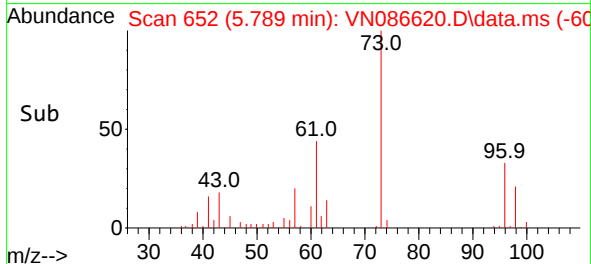
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



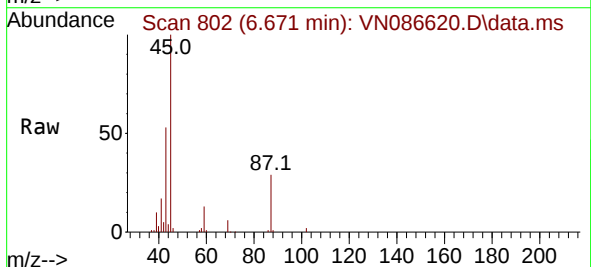
Tgt Ion: 96 Resp: 39989
Ion Ratio Lower Upper
96 100
61 132.8 114.6 171.8
98 63.4 51.2 76.8

Manual Integrations
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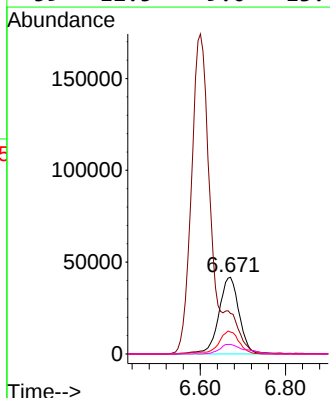
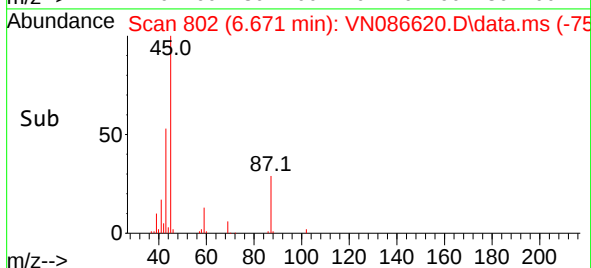
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#22
Diisopropyl ether
Concen: 19.758 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion: 45 Resp: 137449
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.8
87 28.7 21.6 32.4
59 12.5 9.0 13.4





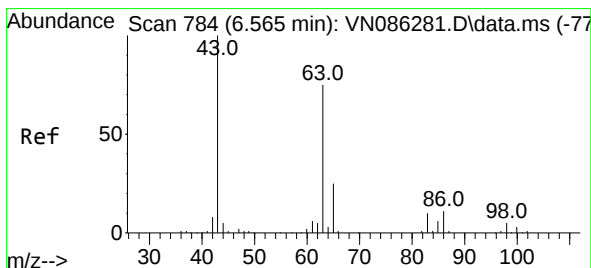
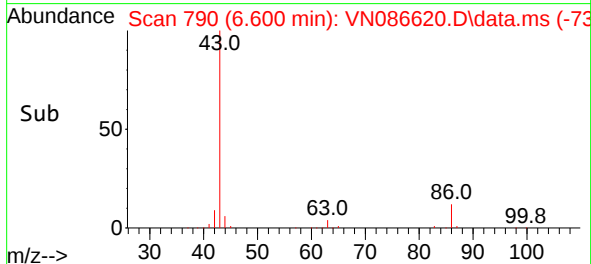
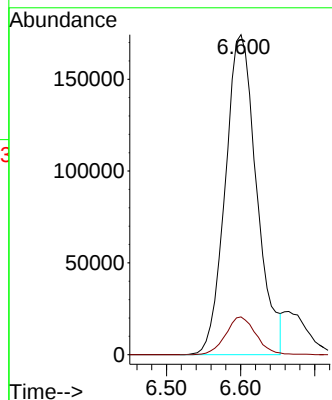
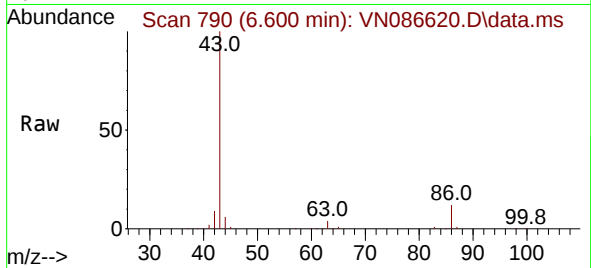
#23
 Vinyl Acetate
 Concen: 105.385 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBSD01

Tgt Ion: 43 Resp: 512489
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 13.0

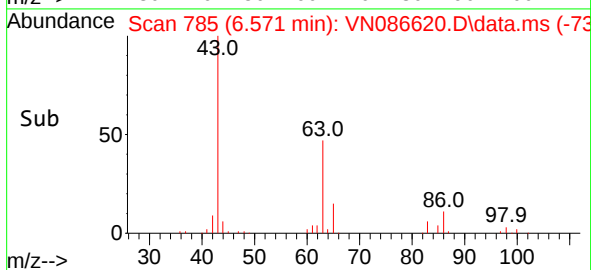
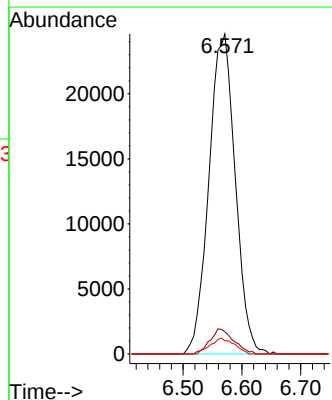
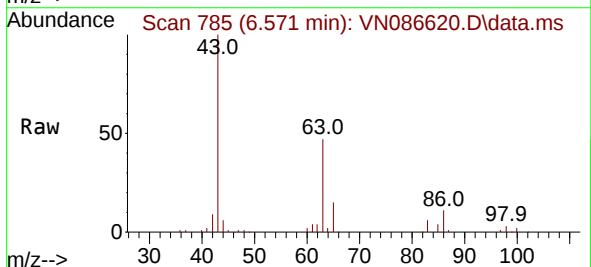
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#24
 1,1-Dichloroethane
 Concen: 20.857 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32

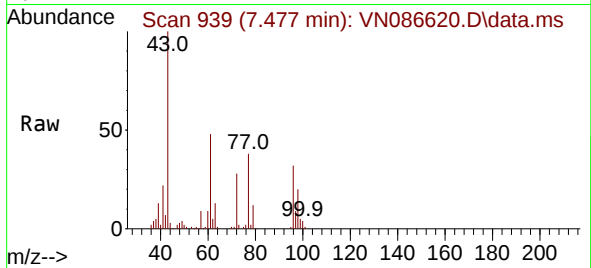
Tgt Ion: 63 Resp: 76555
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 101.442 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

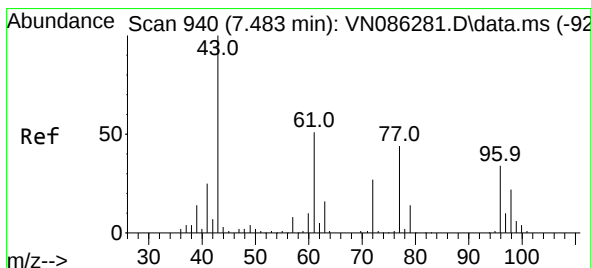
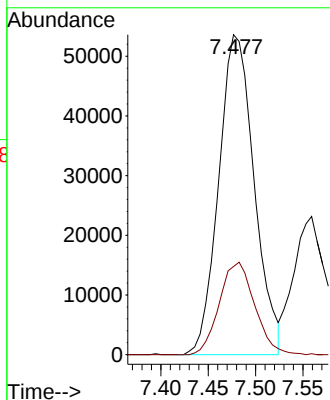
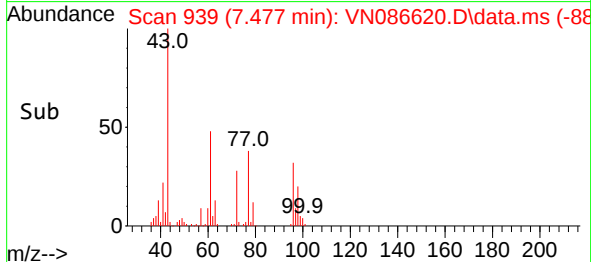
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



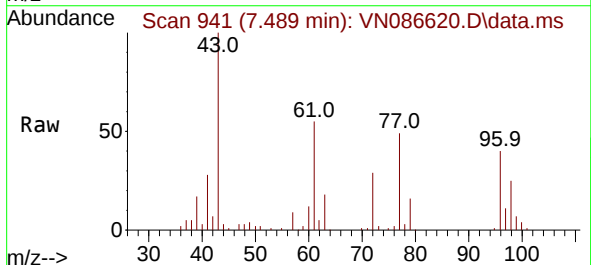
Tgt Ion: 43 Resp: 13994
Ion Ratio Lower Upper
43 100
72 27.6 21.7 32.5

Manual Integrations
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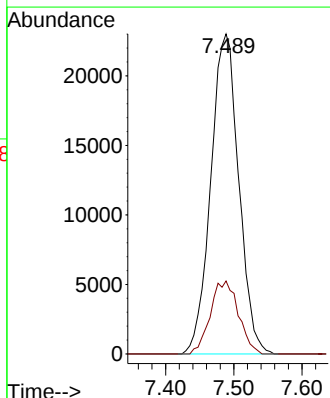
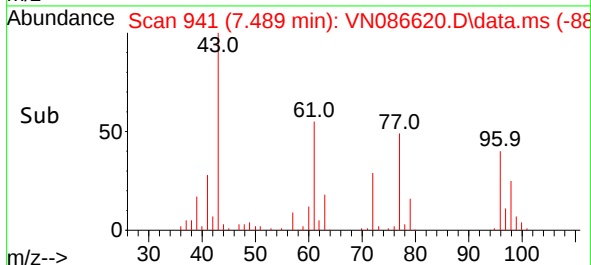
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

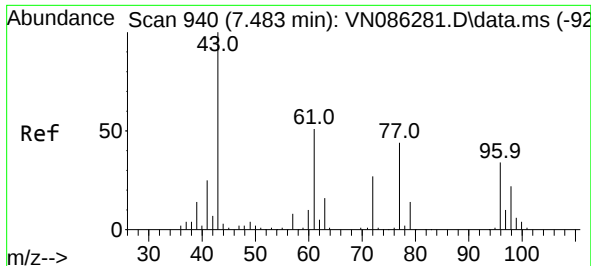


#26
2,2-Dichloropropane
Concen: 19.990 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



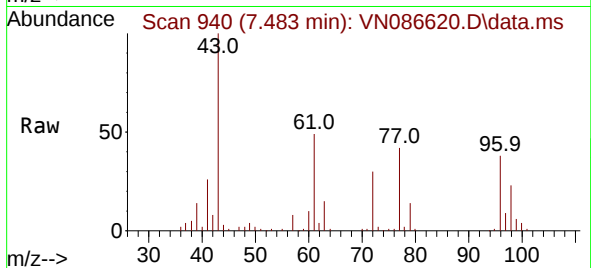
Tgt Ion: 77 Resp: 65694
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 21.028 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32

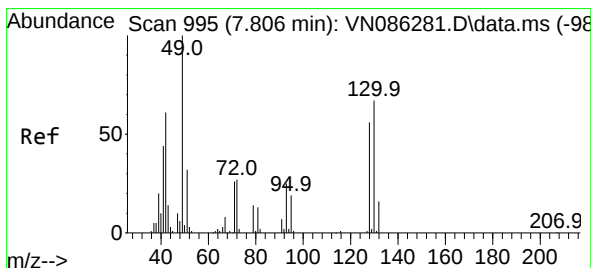
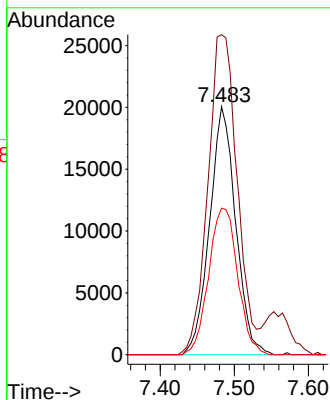
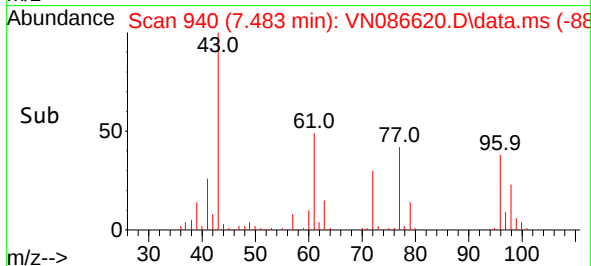
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBS01



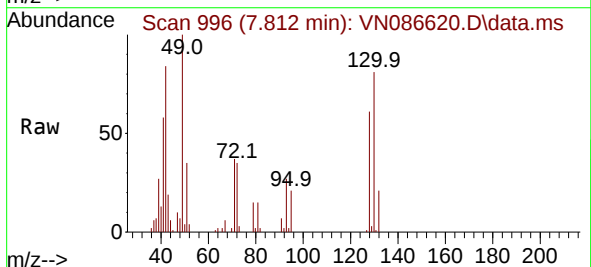
Tgt Ion: 96 Resp: 49085
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 299.0
 98 65.5 0.0 129.6

Manual Integrations
 APPROVED

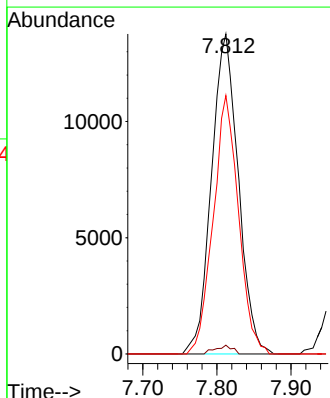
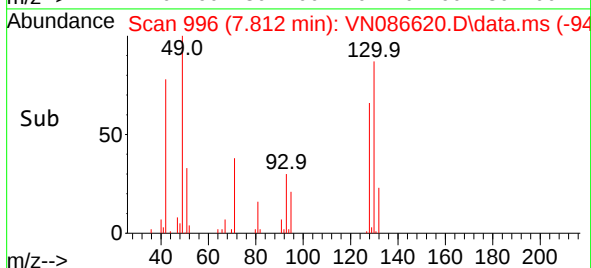
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#28
 Bromochloromethane
 Concen: 22.261 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32



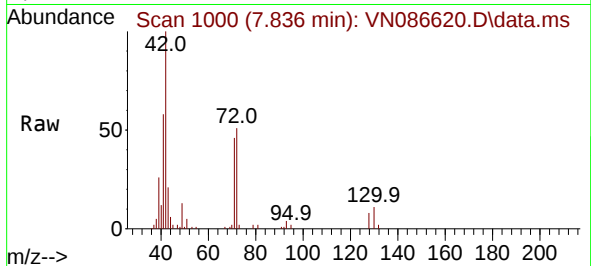
Tgt Ion: 49 Resp: 34645
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 76.1 57.1 85.7





#29
Tetrahydrofuran
Concen: 99.785 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

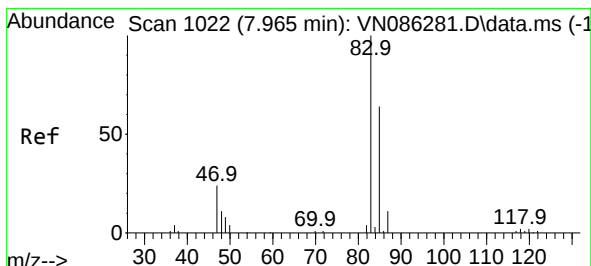
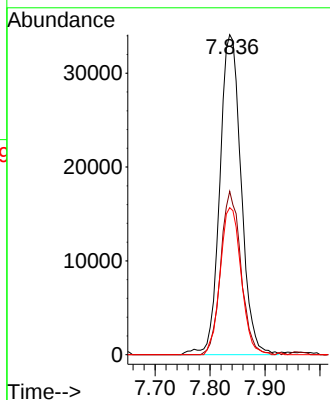
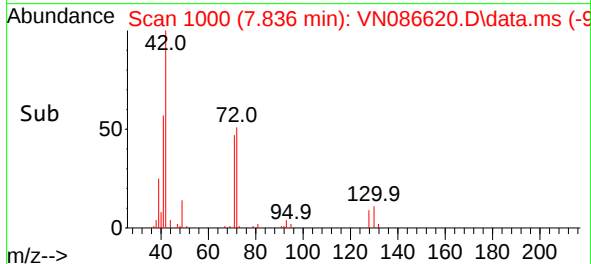
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion: 42 Resp: 92052
Ion Ratio Lower Upper
42 100
72 48.4 36.2 54.4
71 45.0 34.0 51.0

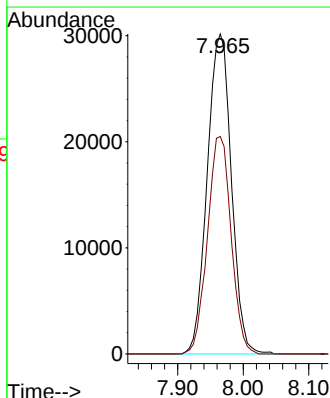
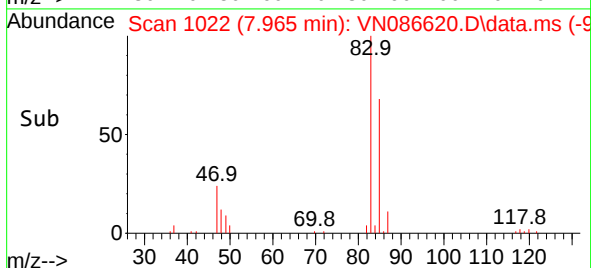
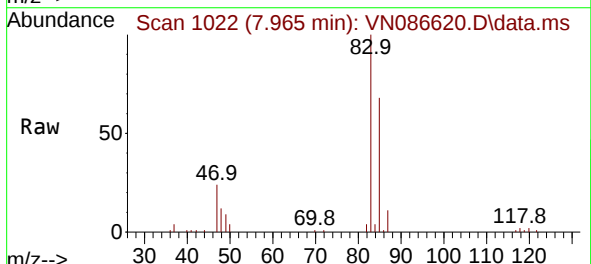
Manual Integrations
APPROVED

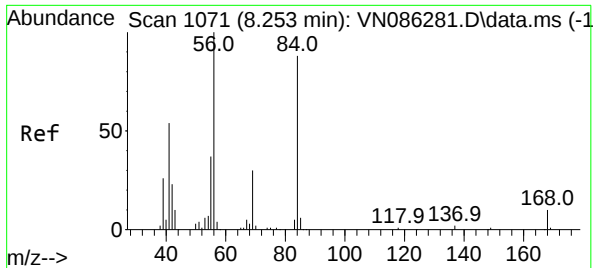
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#30
Chloroform
Concen: 21.388 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

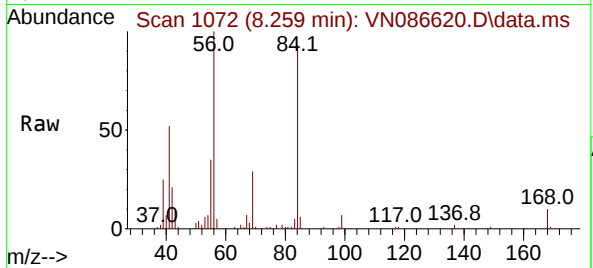
Tgt Ion: 83 Resp: 77118
Ion Ratio Lower Upper
83 100
85 67.9 51.5 77.3





#31
Cyclohexane
Concen: 19.124 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

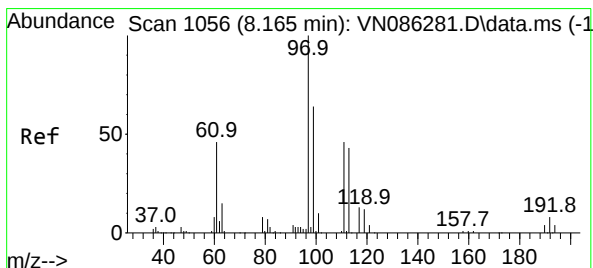
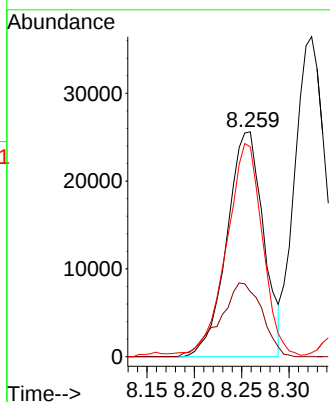
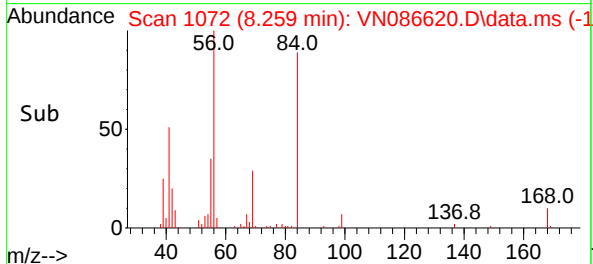
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



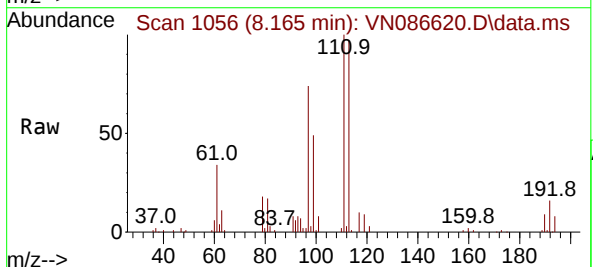
Tgt Ion: 56 Resp: 68689
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.2
84 91.6 70.3 105.5

Manual Integrations
APPROVED

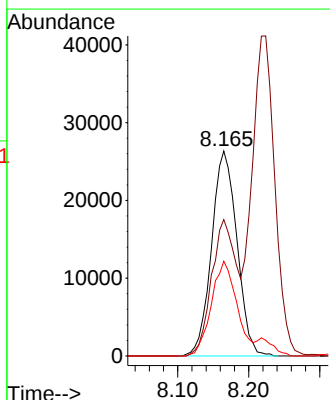
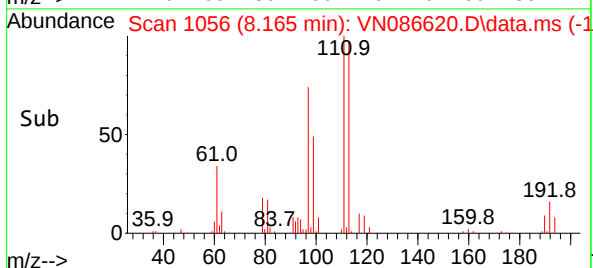
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#32
1,1,1-Trichloroethane
Concen: 21.134 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion: 97 Resp: 65189
Ion Ratio Lower Upper
97 100
99 64.8 52.7 79.1
61 46.7 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 50.628 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

Tgt Ion: 65 Resp: 11220

Ion Ratio Lower Upper

65 100

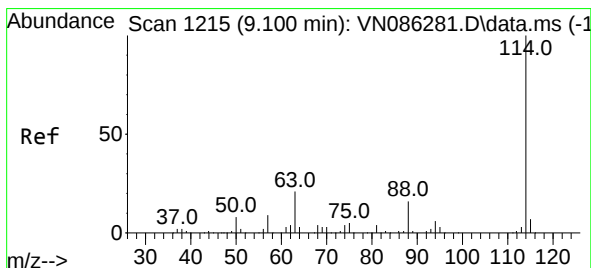
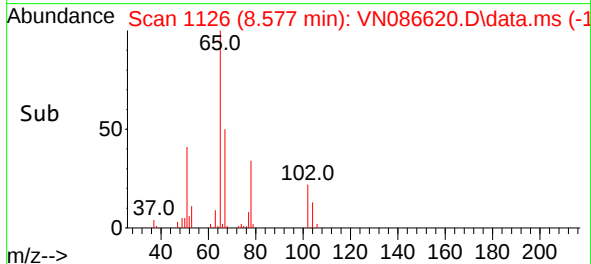
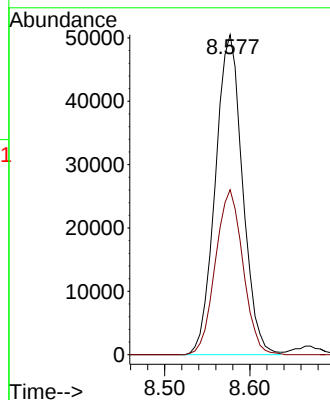
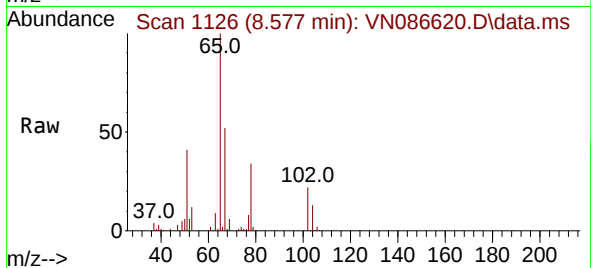
67 52.1 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

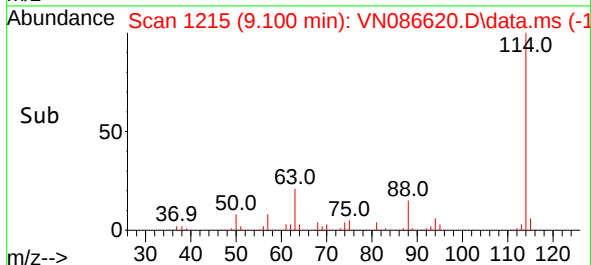
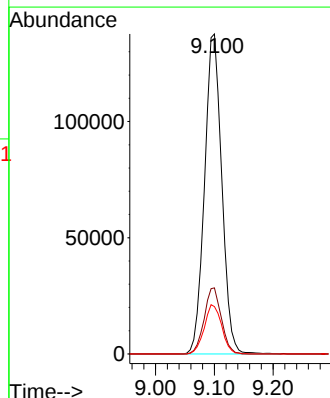
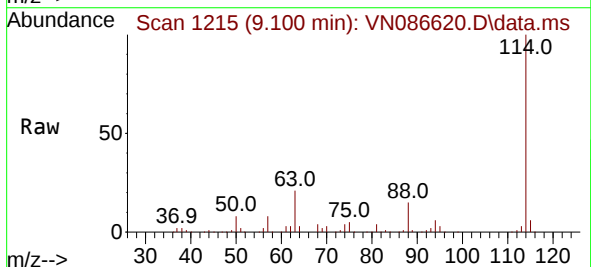
Tgt Ion:114 Resp: 281165

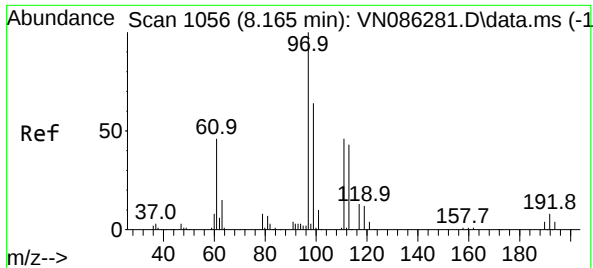
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

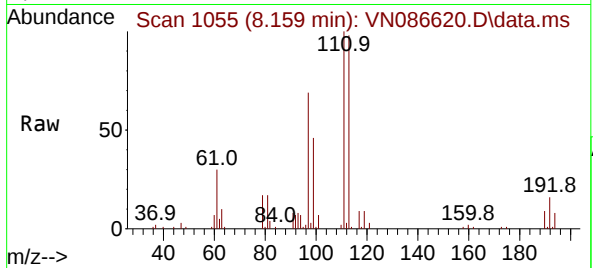
88 14.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 64.597 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

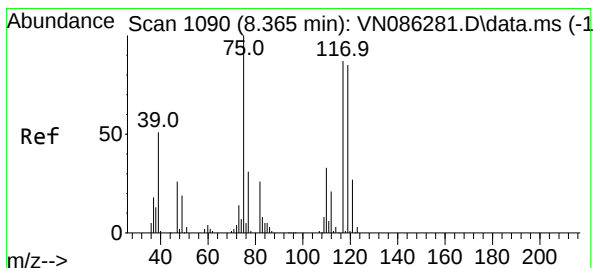
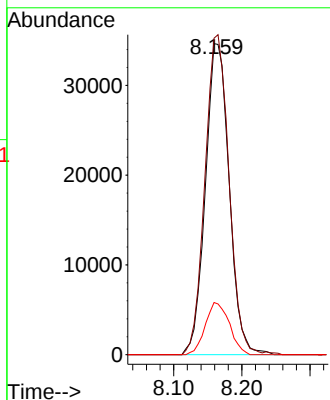
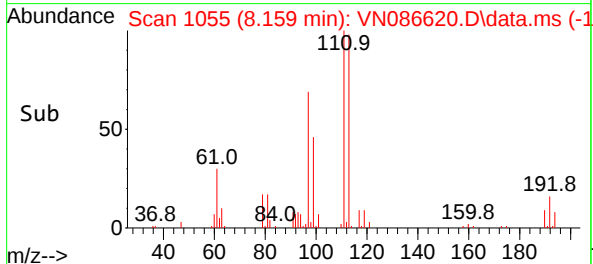
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion: 113 Resp: 84294
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 17.0 13.7 20.5

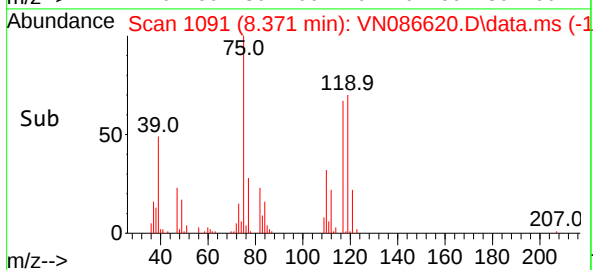
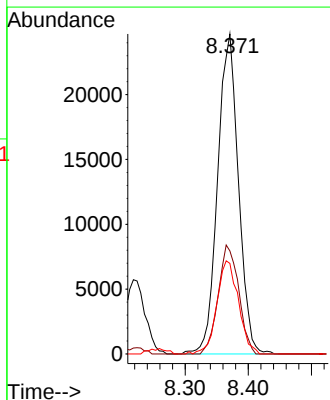
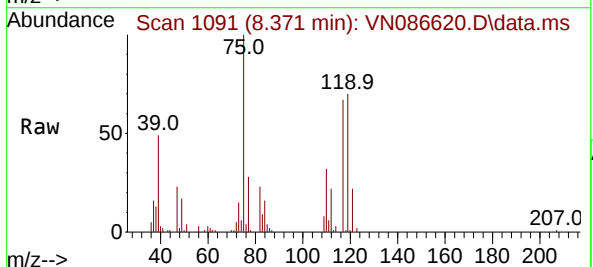
Manual Integrations
APPROVED

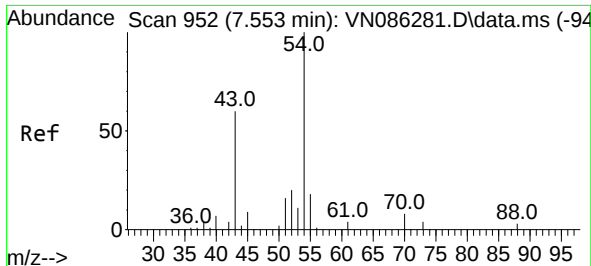
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#36
1,1-Dichloropropene
Concen: 21.706 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Tgt Ion: 75 Resp: 56575
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.4
77 30.2 24.9 37.3





#37

Ethyl Acetate

Concen: 20.832 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

Tgt Ion: 43 Resp: 5716

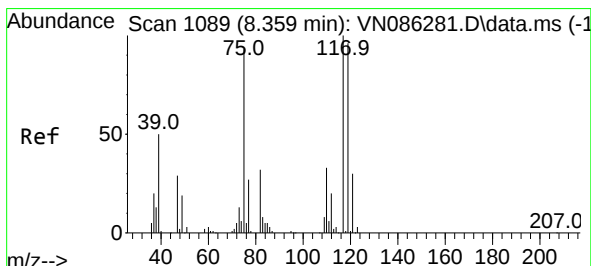
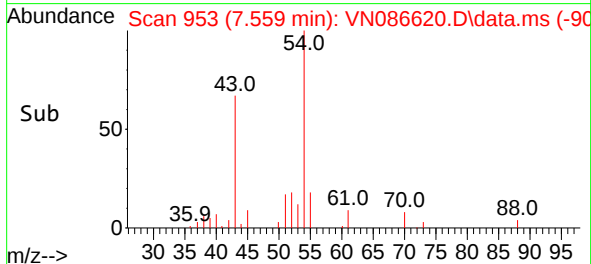
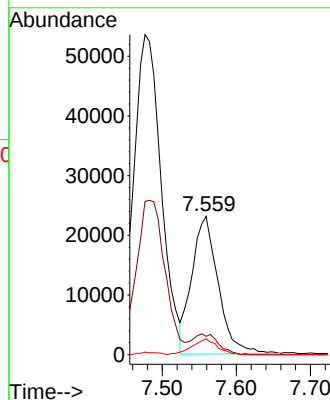
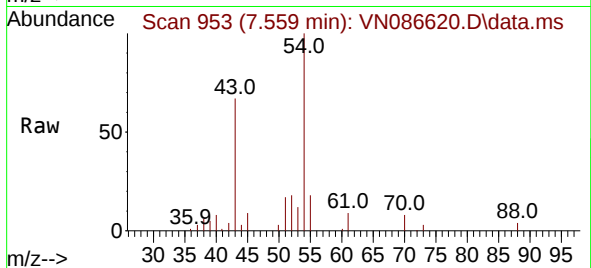
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.9	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#38

Carbon Tetrachloride

Concen: 22.269 ug/l

RT: 8.359 min Scan# 1089

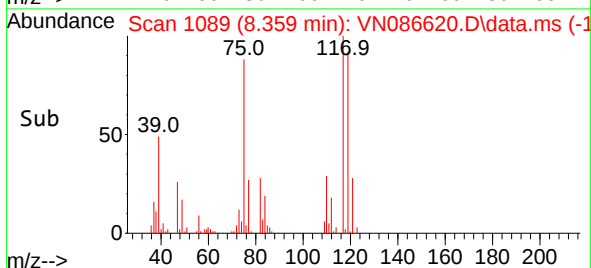
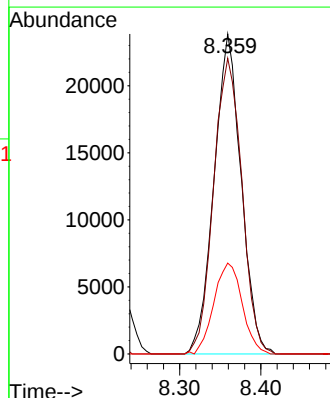
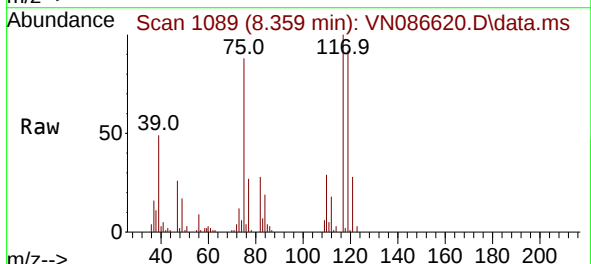
Delta R.T. 0.000 min

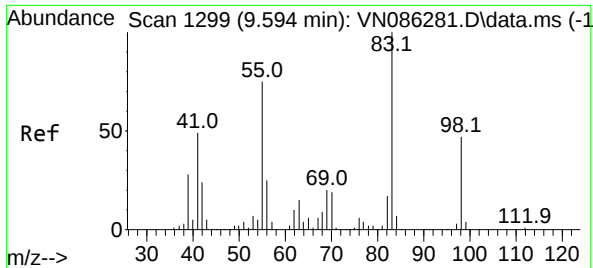
Lab File: VN086620.D

Acq: 14 May 2025 12:32

Tgt Ion:117 Resp: 55274

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.8	115.2
121	28.4	23.8	35.8





#39

Methylcyclohexane

Concen: 19.481 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

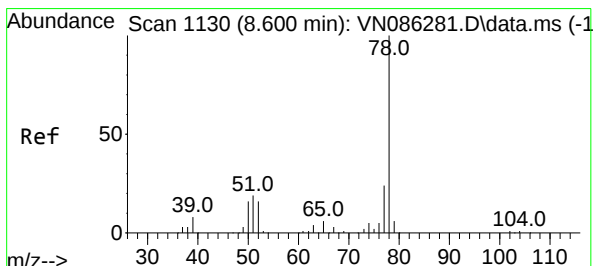
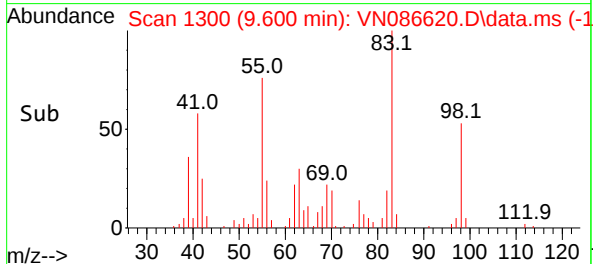
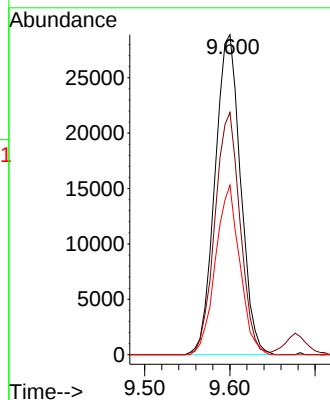
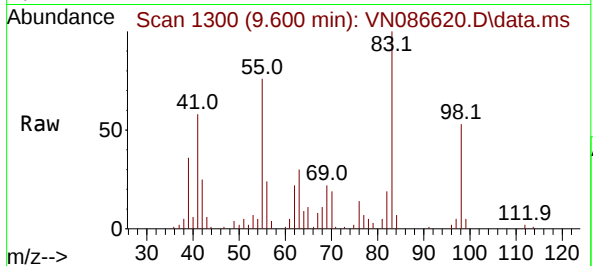
Tgt Ion: 83 Resp: 60350
 Ion Ratio Lower Upper
 83 100
 55 75.7 59.8 89.8
 98 52.9 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#40

Benzene

Concen: 21.683 ug/l

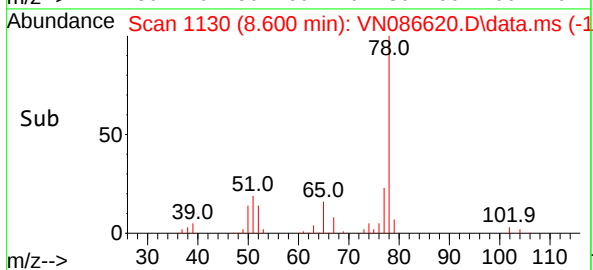
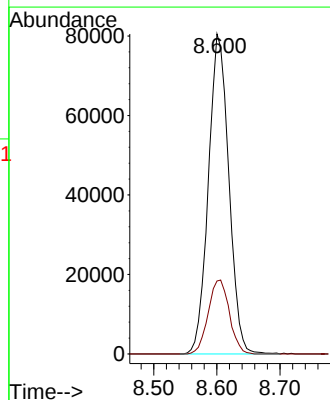
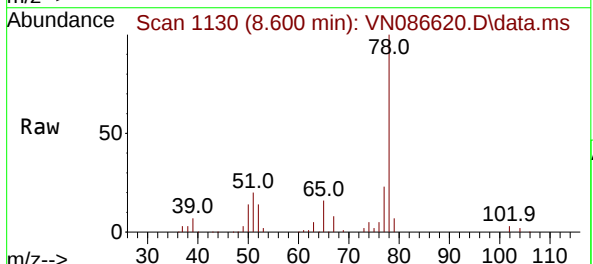
RT: 8.600 min Scan# 1130

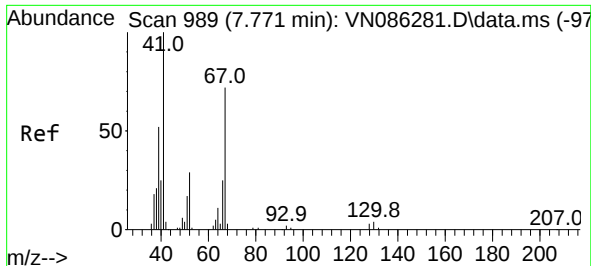
Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

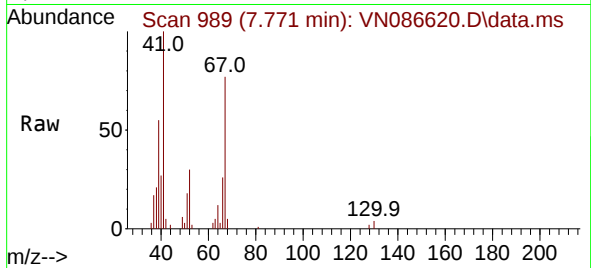
Tgt Ion: 78 Resp: 181070
 Ion Ratio Lower Upper
 78 100
 77 22.8 19.4 29.2





#41
Methacrylonitrile
Concen: 19.334 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

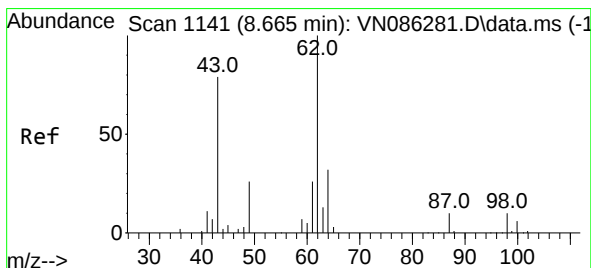
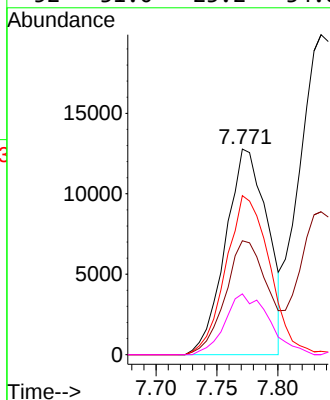
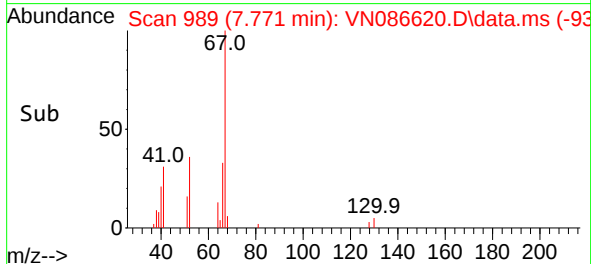
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion:	41	Resp:	3074
Ion Ratio	100	Lower	Upper
39	54.7	43.0	64.4
67	80.7	58.8	88.2
52	31.0	23.2	34.8

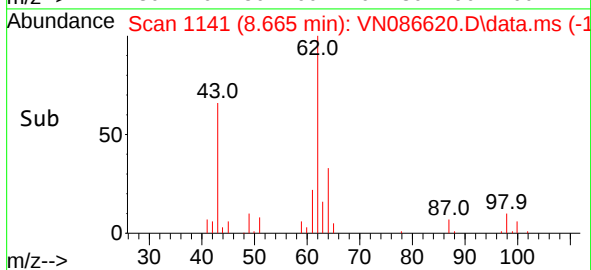
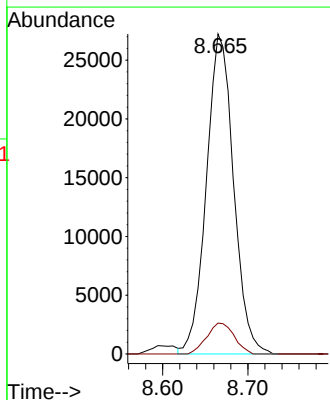
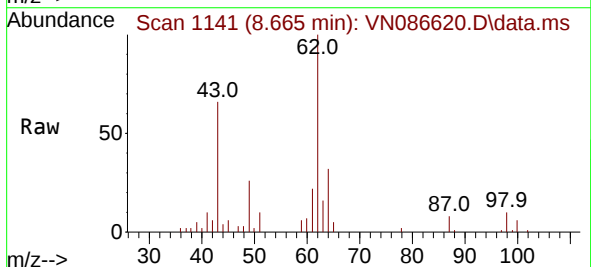
Manual Integrations
APPROVED

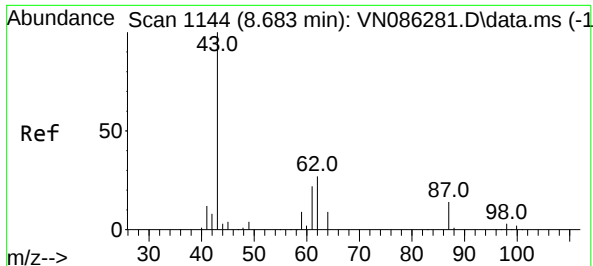
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#42
1,2-Dichloroethane
Concen: 22.667 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

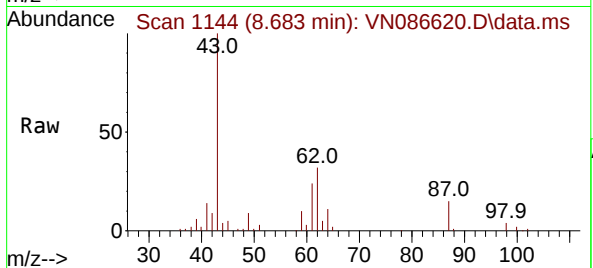
Tgt Ion:	62	Resp:	60361
Ion Ratio	100	Lower	Upper
98	9.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 21.027 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

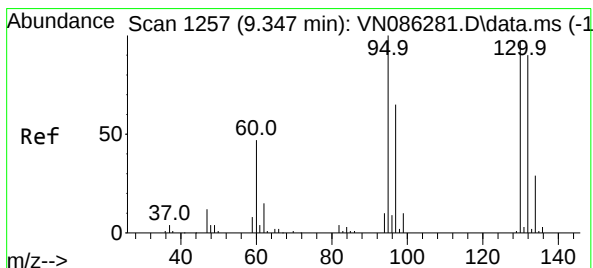
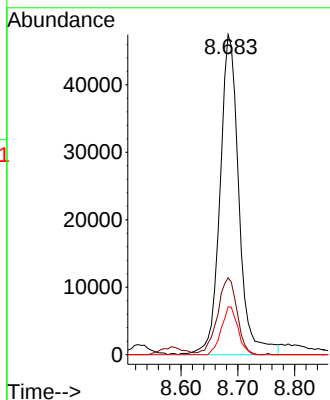
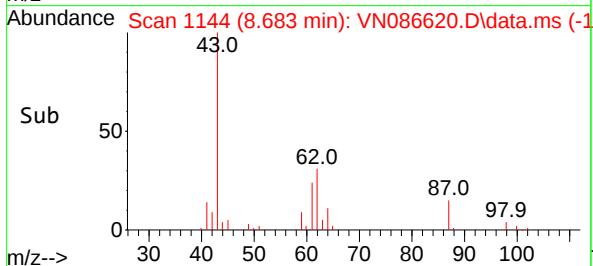
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



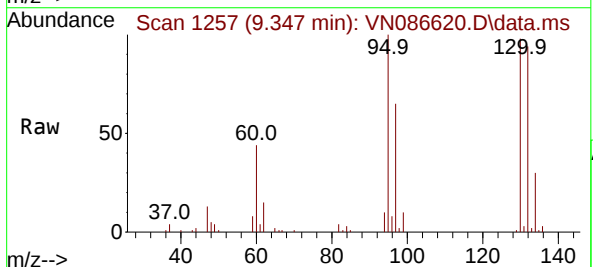
Tgt Ion: 43 Resp: 11019
Ion Ratio Lower Upper
43 100
61 24.8 20.5 30.7
87 13.0 10.5 15.7

Manual Integrations
APPROVED

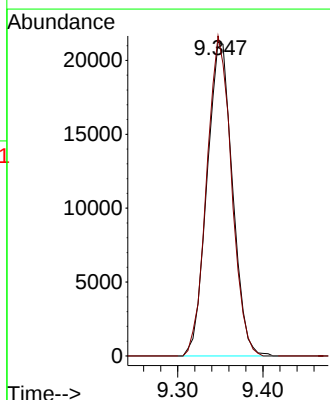
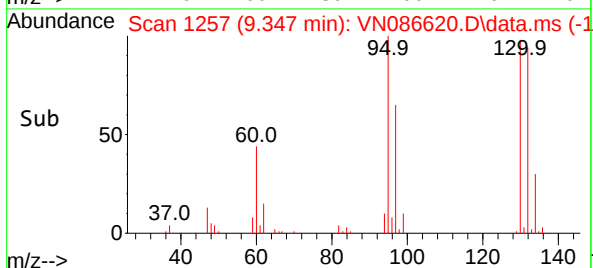
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

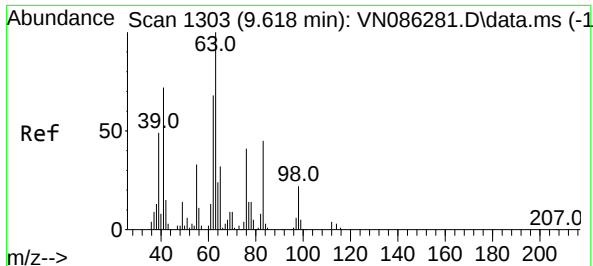


#44
Trichloroethene
Concen: 22.255 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



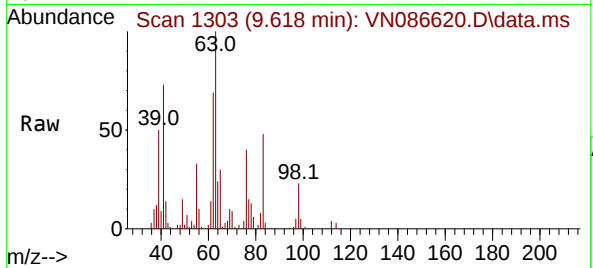
Tgt Ion:130 Resp: 44049
Ion Ratio Lower Upper
130 100
95 101.9 0.0 207.2





#45
1,2-Dichloropropane
Concen: 21.727 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

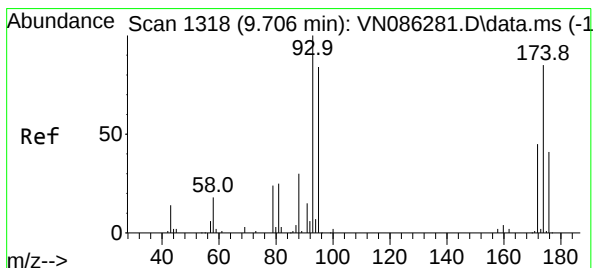
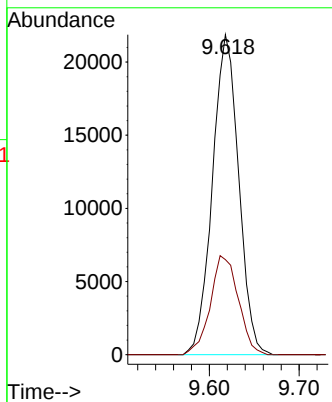
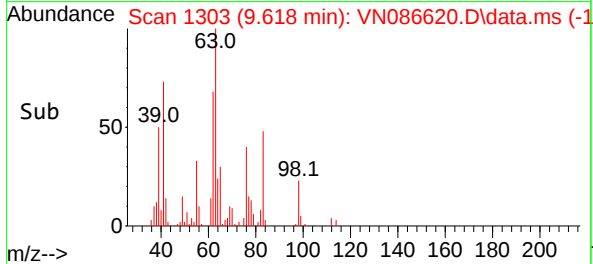
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion: 63 Resp: 4441
Ion Ratio Lower Upper
63 100
65 29.7 25.4 38.2

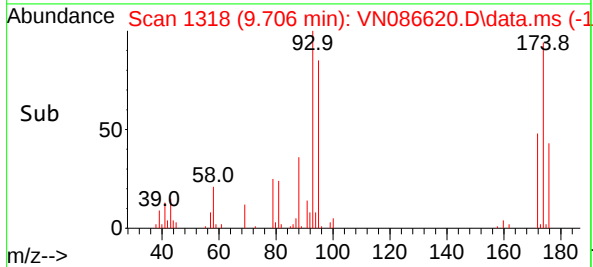
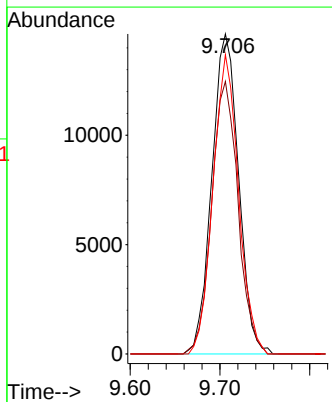
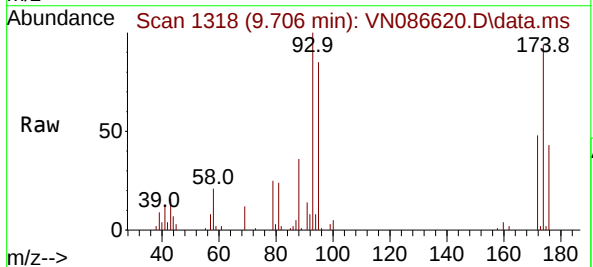
Manual Integrations
APPROVED

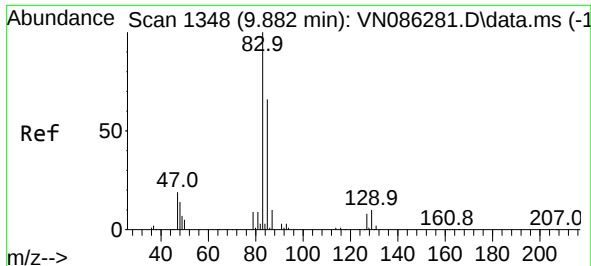
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#46
Dibromomethane
Concen: 23.267 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

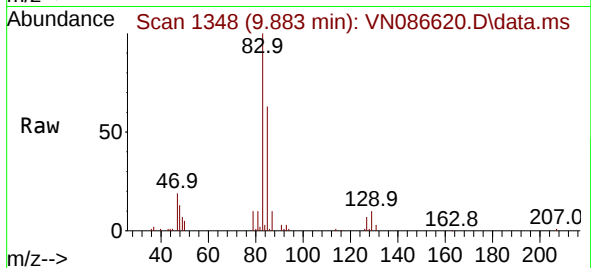
Tgt Ion: 93 Resp: 30303
Ion Ratio Lower Upper
93 100
95 83.8 66.2 99.4
174 89.5 67.8 101.6





#47
Bromodichloromethane
Concen: 21.889 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

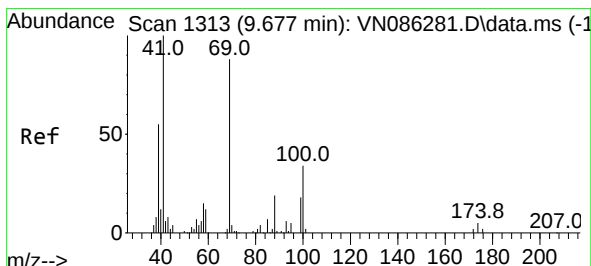
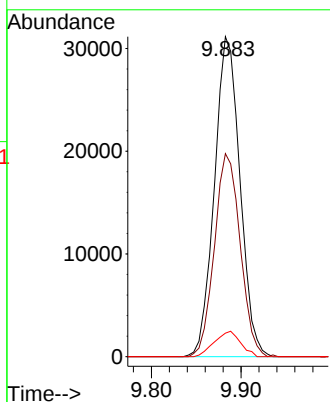
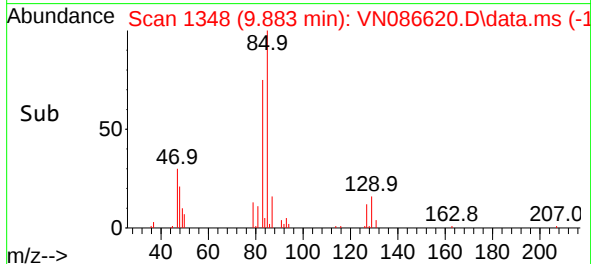
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



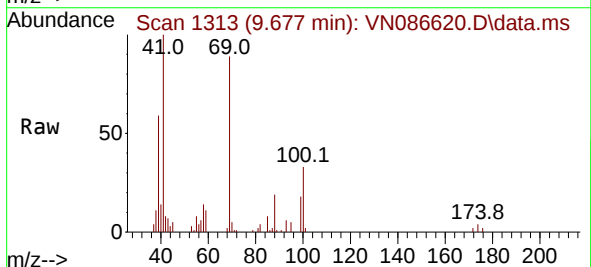
Tgt Ion: 83 Resp: 6157
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8
127 7.3 6.1 9.1

Manual Integrations
APPROVED

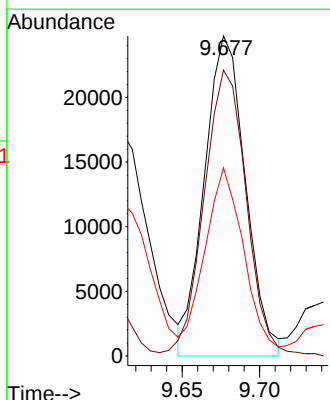
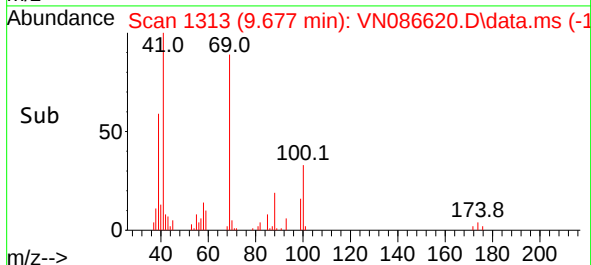
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

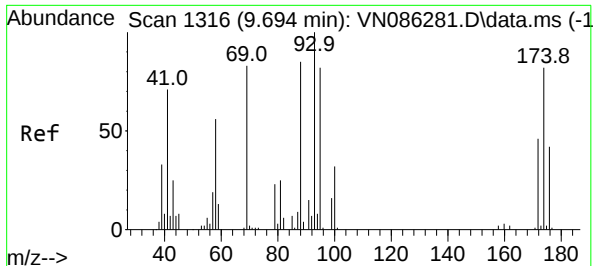


#48
Methyl methacrylate
Concen: 18.886 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion: 41 Resp: 45510
Ion Ratio Lower Upper
41 100
69 92.2 68.2 102.2
39 56.7 45.2 67.8





#49

1,4-Dioxane

Concen: 443.665 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

Tgt Ion: 88 Resp: 1818

Ion Ratio Lower Upper

88 100

43 28.3 23.8 35.8

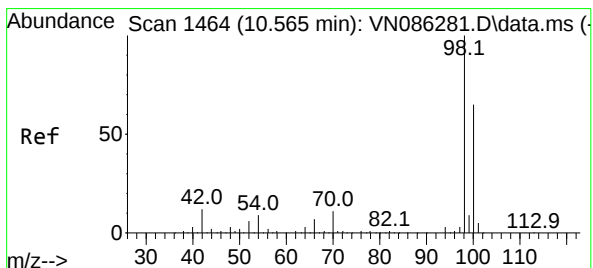
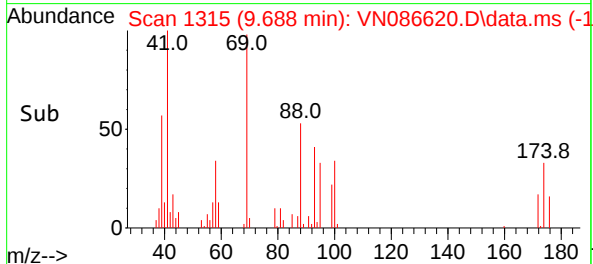
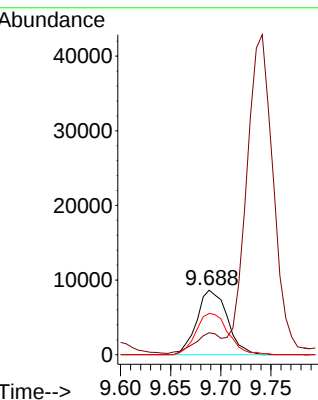
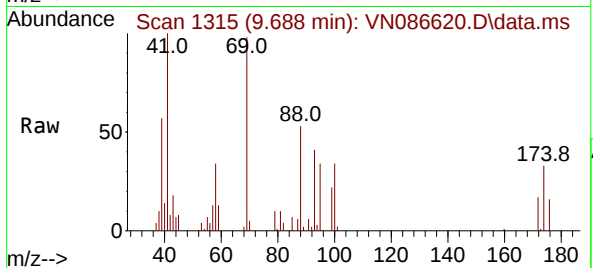
58 67.7 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#50

Toluene-d8

Concen: 48.915 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086620.D

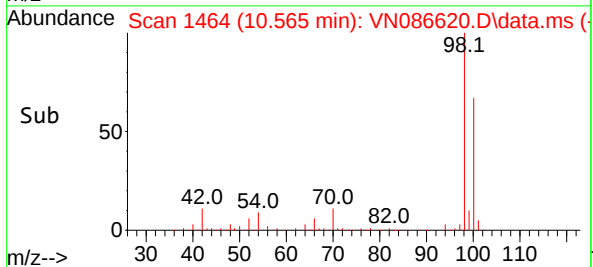
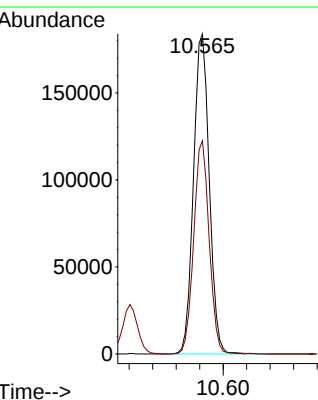
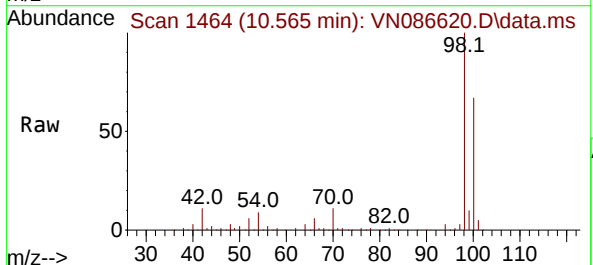
Acq: 14 May 2025 12:32

Tgt Ion: 98 Resp: 341143

Ion Ratio Lower Upper

98 100

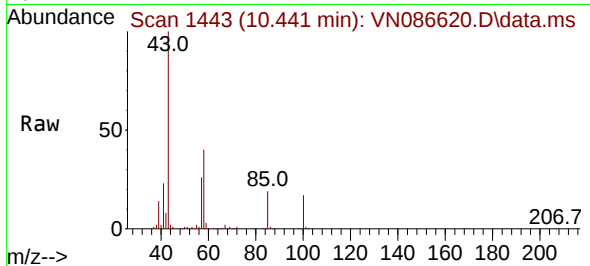
100 65.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 103.773 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

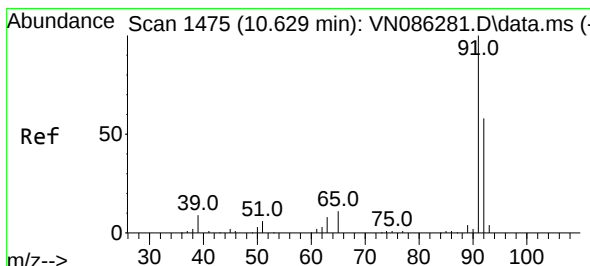
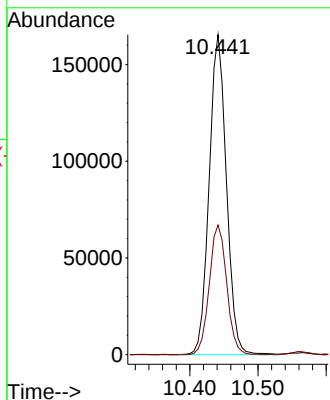
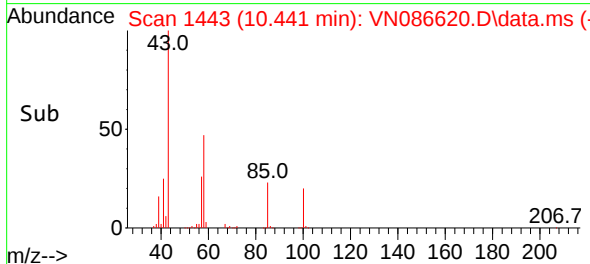
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion: 43 Resp: 29158
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.4

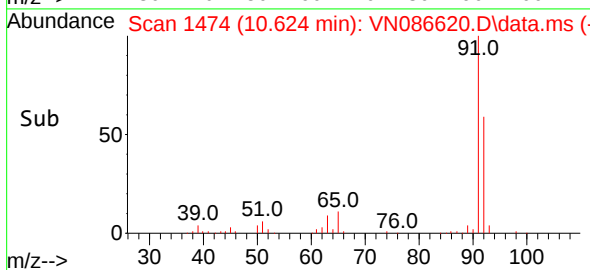
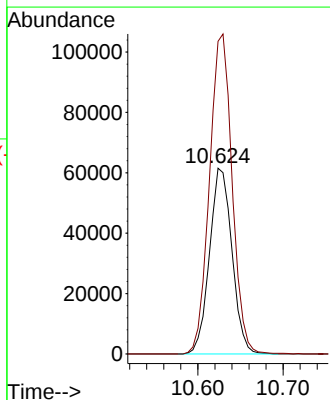
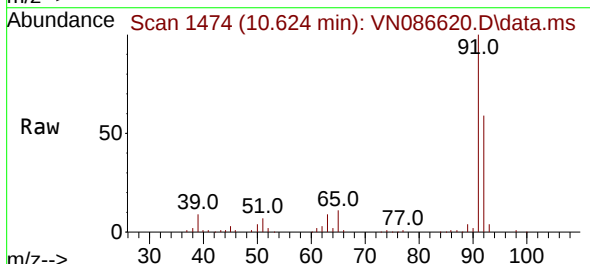
Manual Integrations
APPROVED

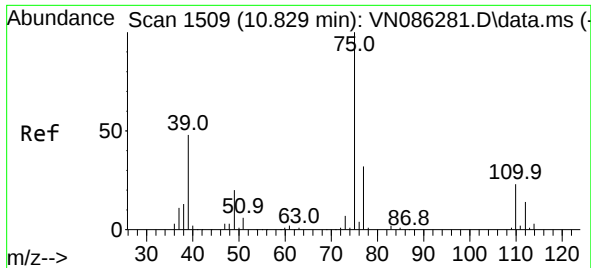
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#52
Toluene
Concen: 21.614 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

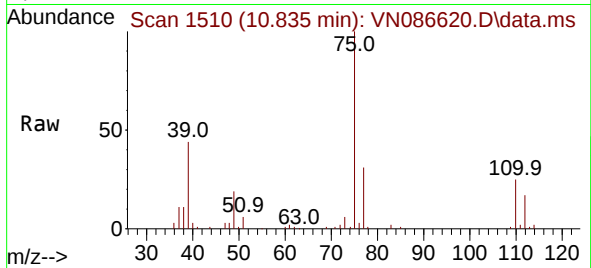
Tgt Ion: 92 Resp: 112623
Ion Ratio Lower Upper
92 100
91 173.8 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 21.446 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

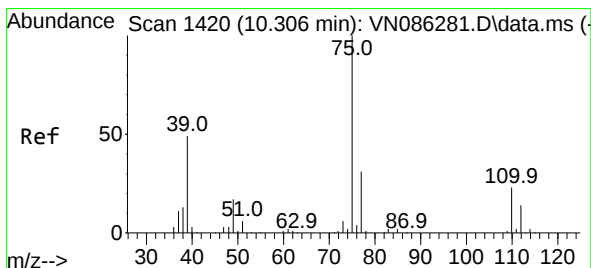
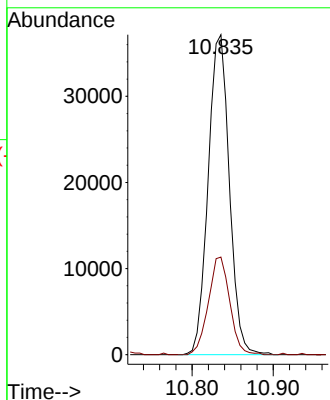
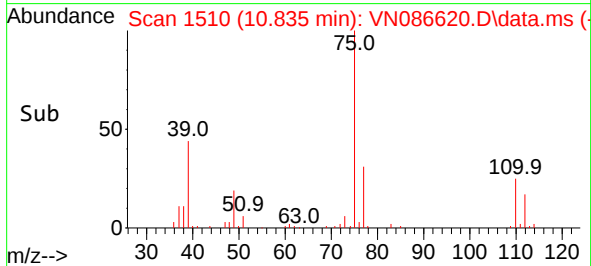
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



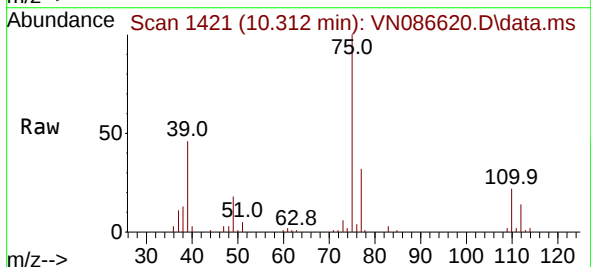
Tgt Ion: 75 Resp: 6734
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

Manual Integrations
APPROVED

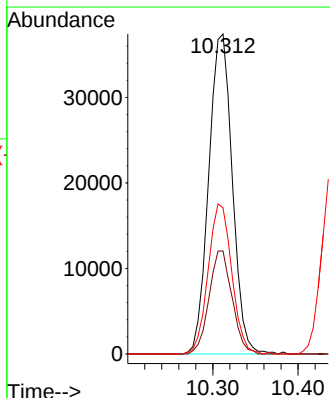
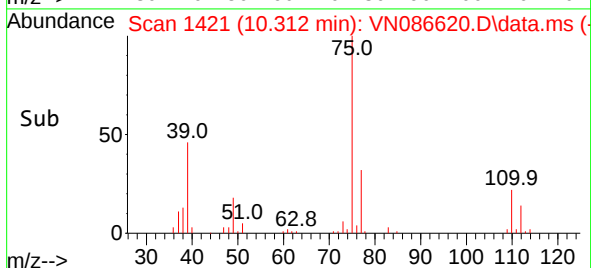
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

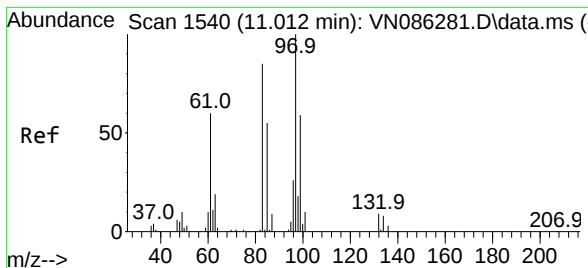


#54
cis-1,3-Dichloropropene
Concen: 20.911 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



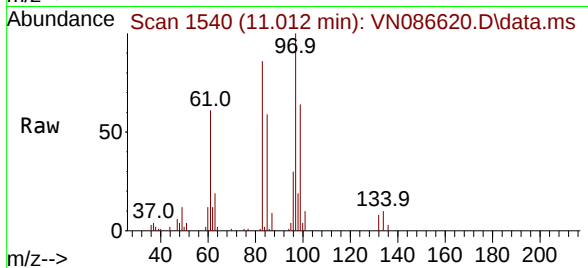
Tgt Ion: 75 Resp: 72120
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 45.7 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 22.940 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

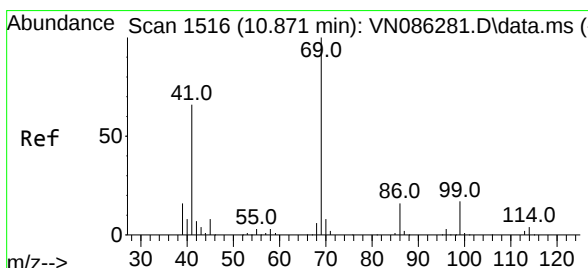
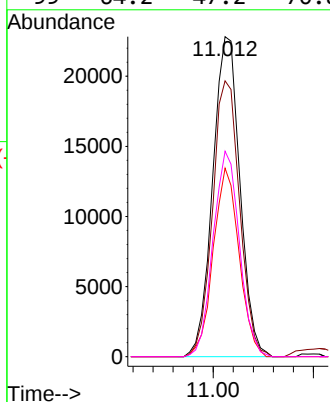
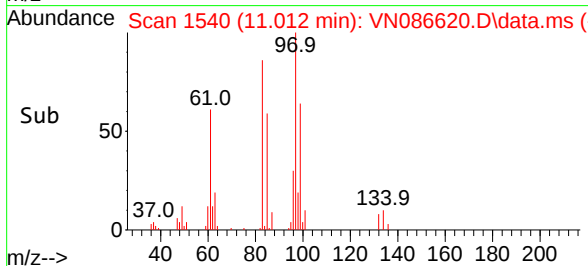
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



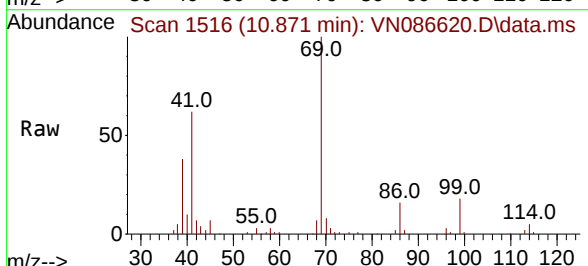
Tgt Ion:	97	Resp:	43000
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.4	102.6
85	58.9	43.9	65.9
99	64.2	47.2	70.8

Manual Integrations
APPROVED

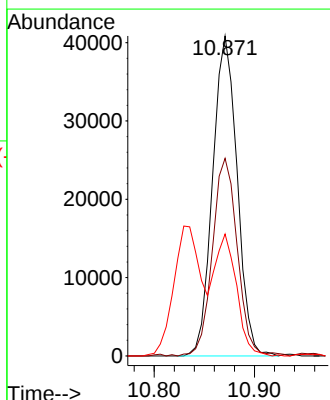
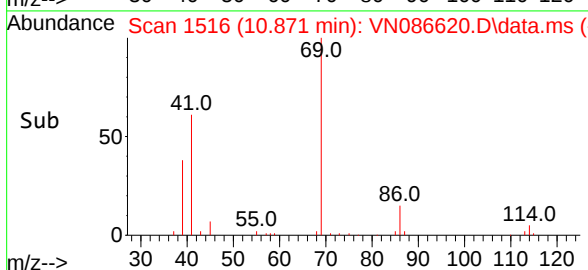
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

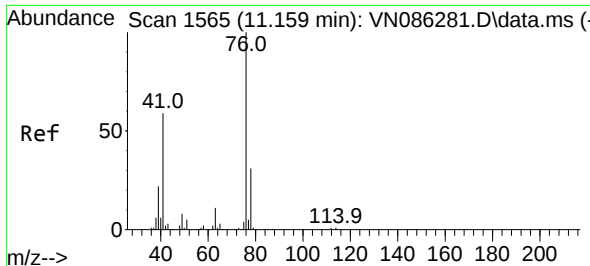


#56
Ethyl methacrylate
Concen: 20.117 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion:	69	Resp:	69325
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.7	77.5
39	34.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 22.408 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

Tgt Ion: 76 Resp: 7453

Ion Ratio Lower Upper

76 100

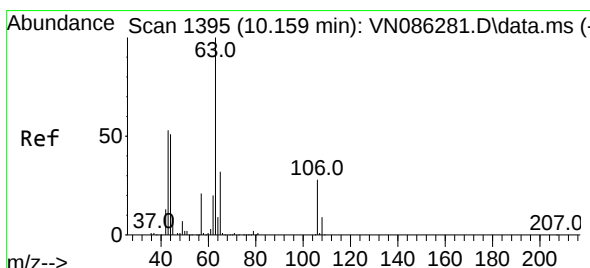
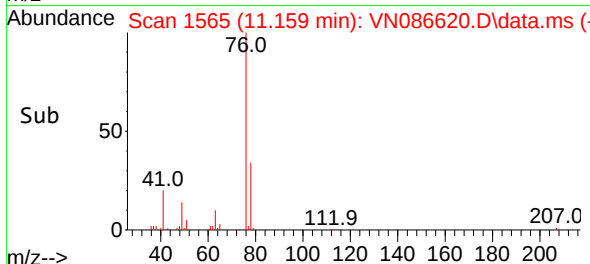
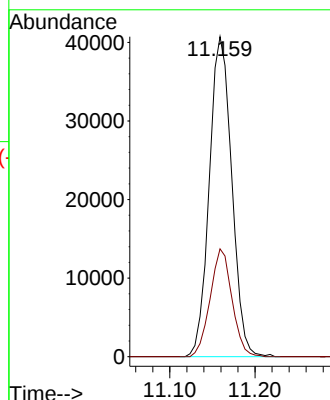
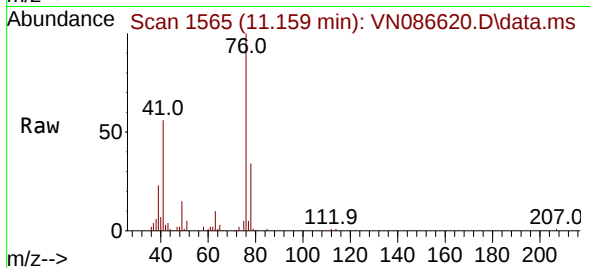
78 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#58

2-Chloroethyl Vinyl ether

Concen: 89.888 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086620.D

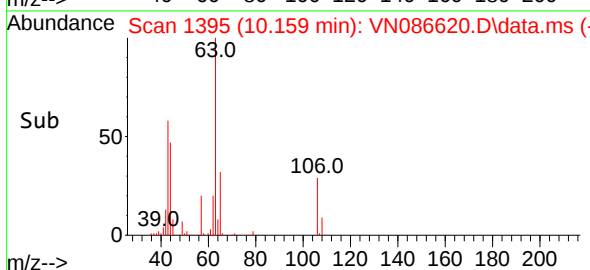
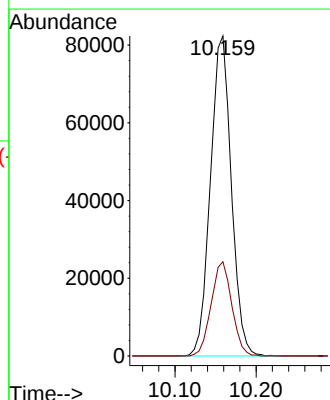
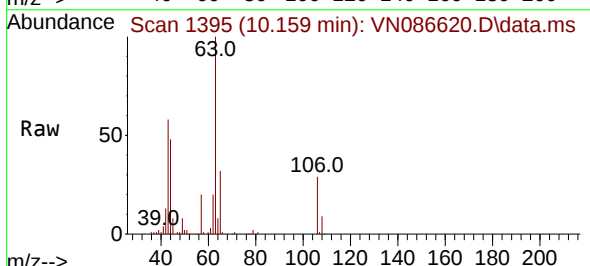
Acq: 14 May 2025 12:32

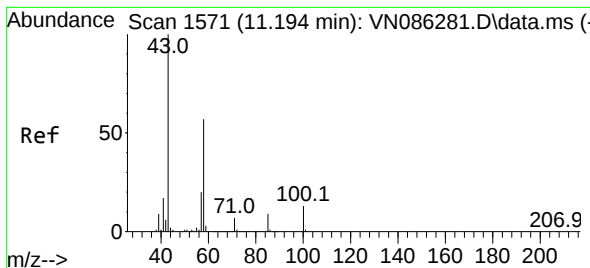
Tgt Ion: 63 Resp: 147021

Ion Ratio Lower Upper

63 100

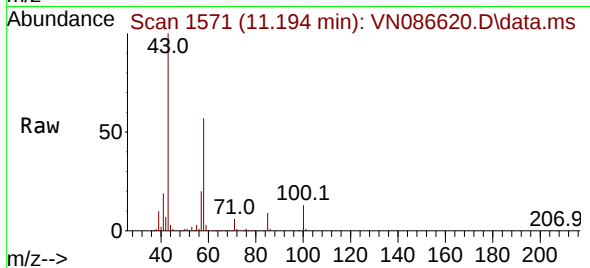
106 29.1 22.2 33.2





#59
2-Hexanone
Concen: 103.278 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

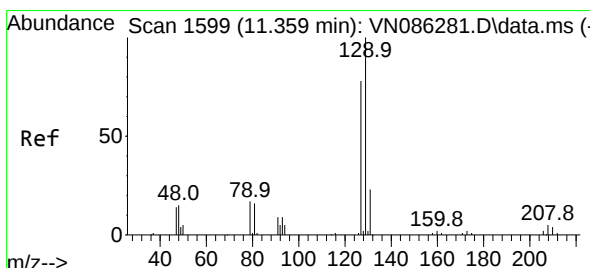
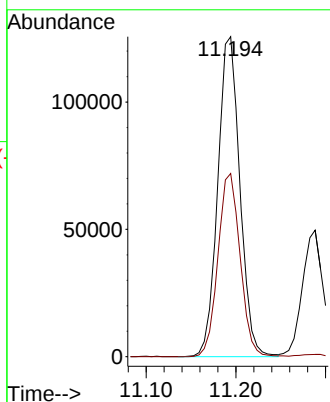
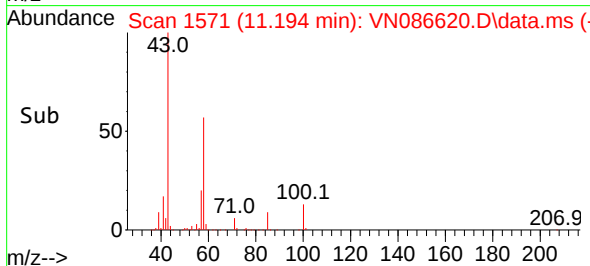
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion: 43 Resp: 215248
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0

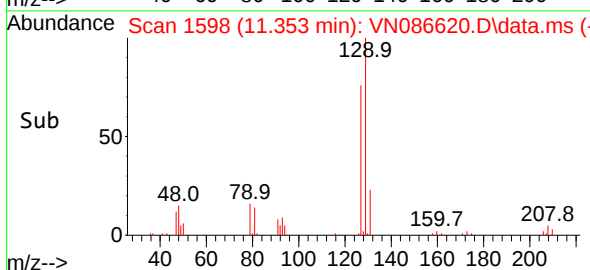
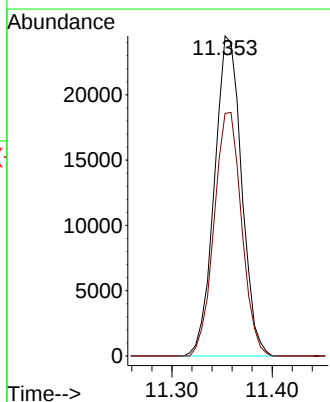
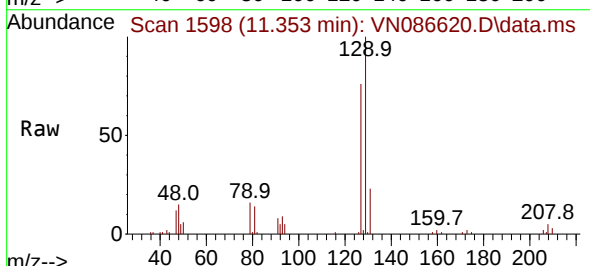
Manual Integrations
APPROVED

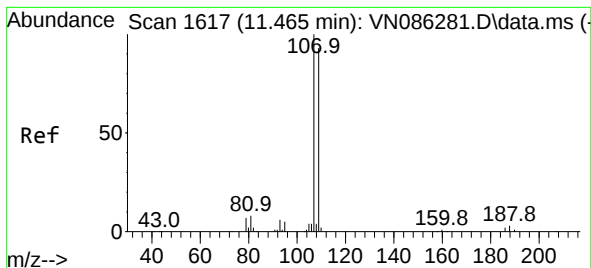
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#60
Dibromochloromethane
Concen: 22.359 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Tgt Ion:129 Resp: 46028
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





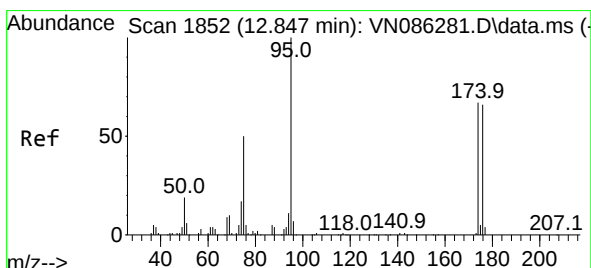
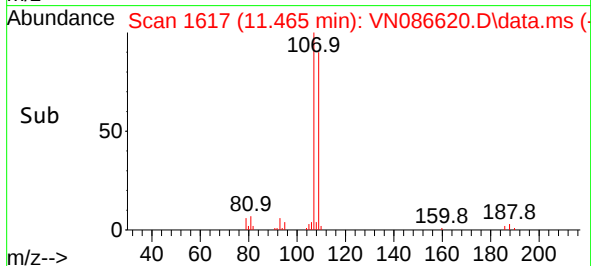
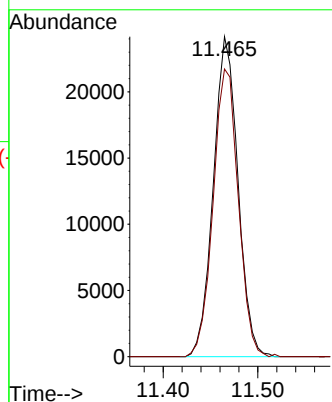
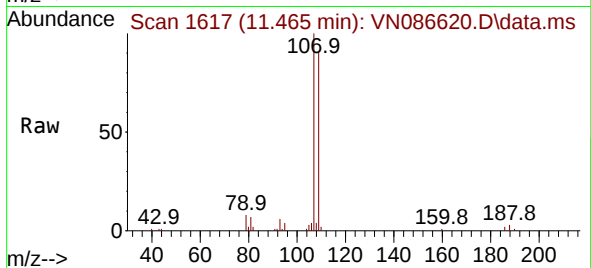
#61
1,2-Dibromoethane
Concen: 23.077 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01

Tgt Ion:107 Resp: 43654
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.0

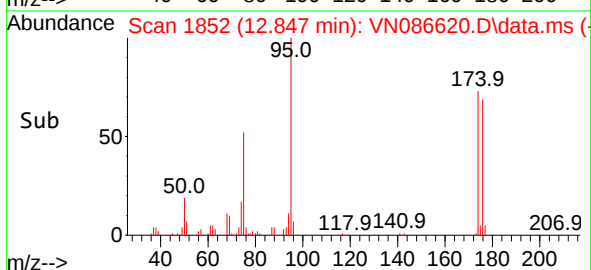
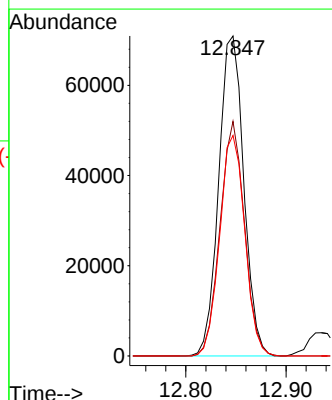
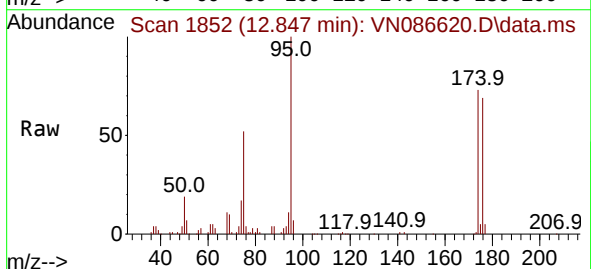
Manual Integrations
APPROVED

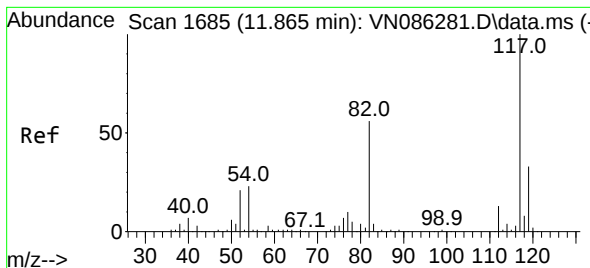
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#62
4-Bromofluorobenzene
Concen: 48.415 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

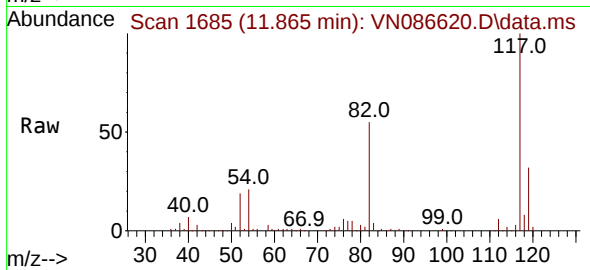
Tgt Ion: 95 Resp: 123155
Ion Ratio Lower Upper
95 100
174 71.4 0.0 133.4
176 69.1 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

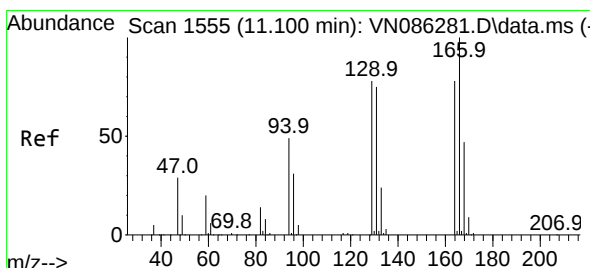
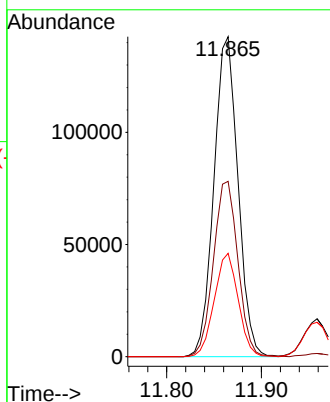
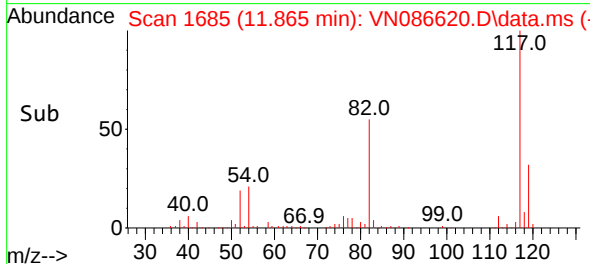
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



Tgt Ion:117 Resp: 251760
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 32.3 26.4 39.6

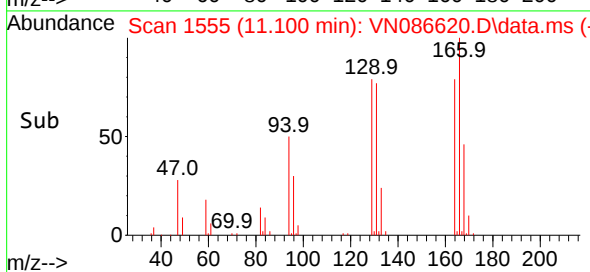
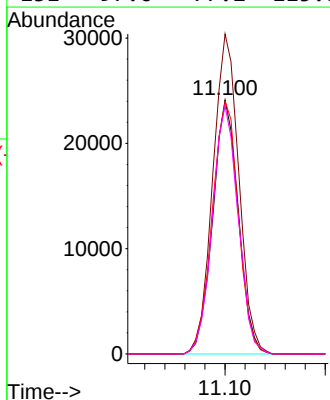
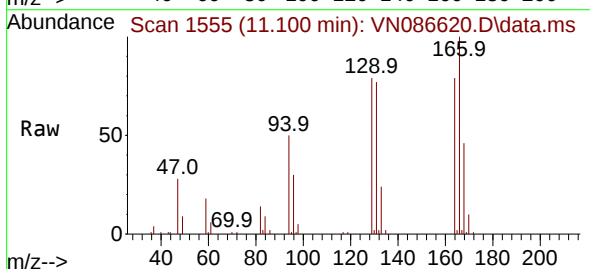
Manual Integrations
APPROVED

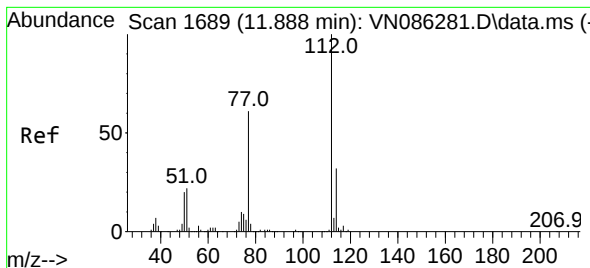
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#64
Tetrachloroethene
Concen: 22.111 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

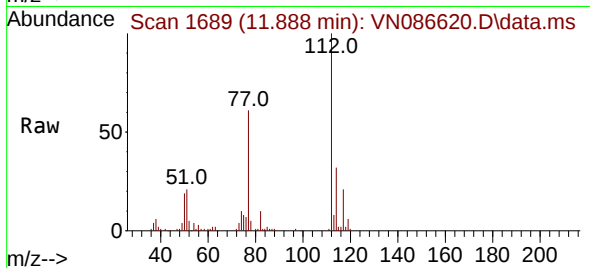
Tgt Ion:164 Resp: 42820
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.4
129 99.5 80.1 120.1
131 97.6 77.2 115.8





#65
Chlorobenzene
Concen: 21.990 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

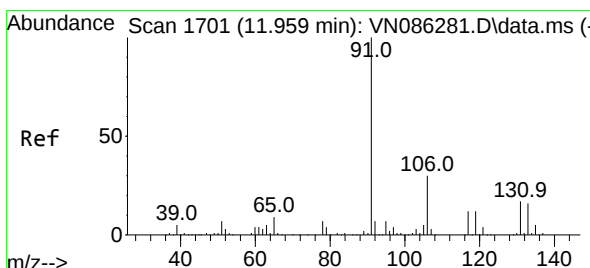
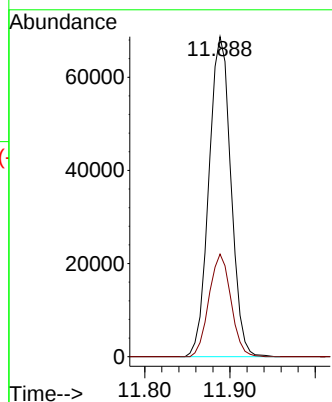
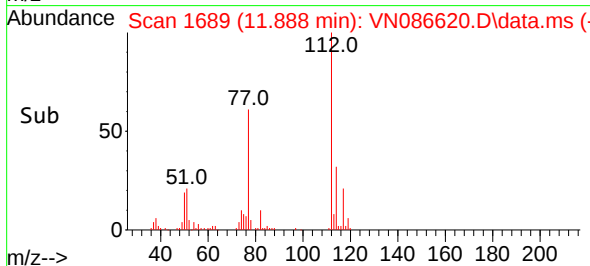
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



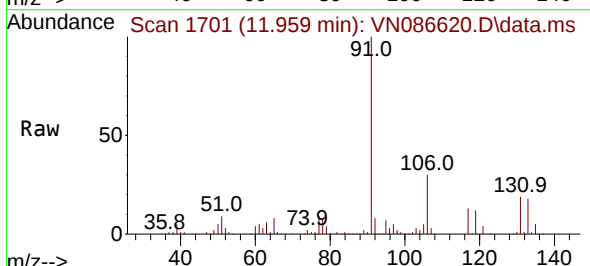
Tgt Ion:112 Resp: 123554
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

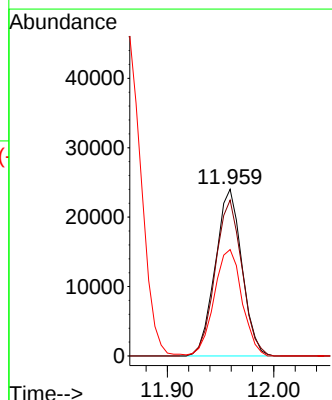
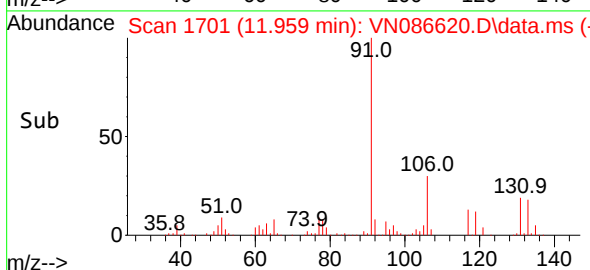
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

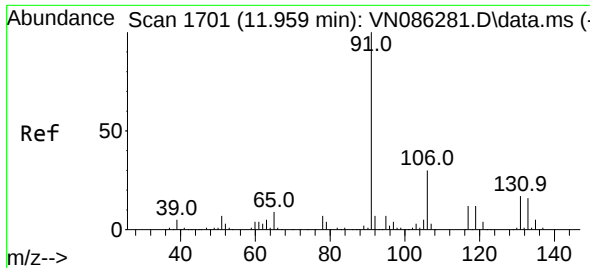


#66
1,1,1,2-Tetrachloroethane
Concen: 22.483 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



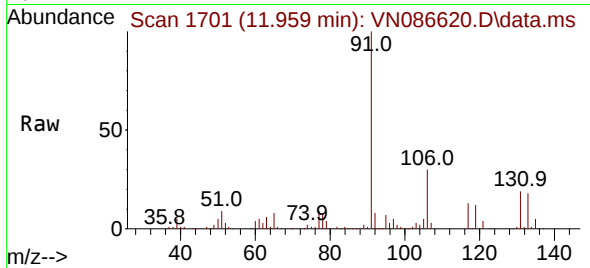
Tgt Ion:131 Resp: 41674
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 66.8 33.8 101.4





#67
Ethyl Benzene
Concen: 20.997 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

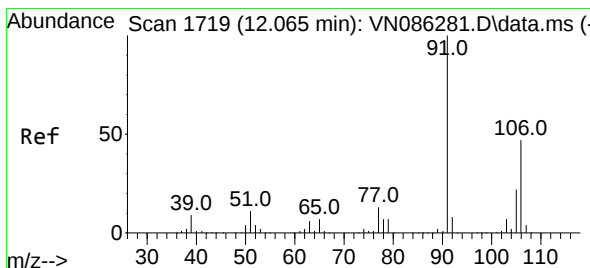
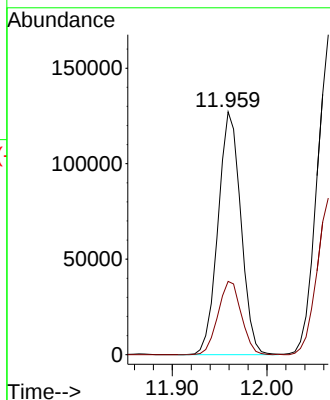
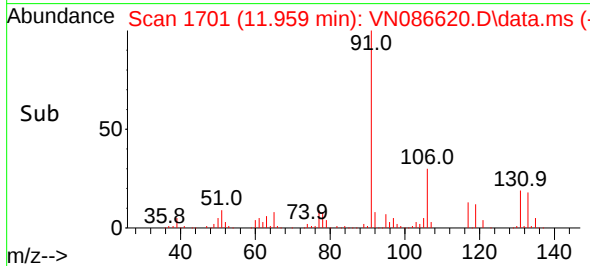
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



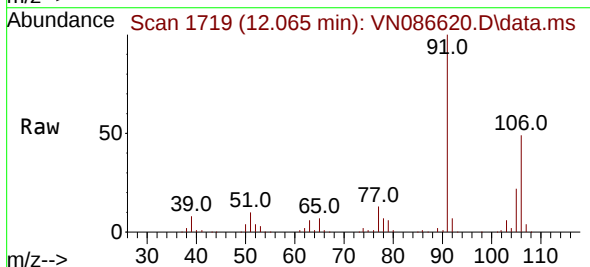
Tgt Ion: 91 Resp: 212889
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

Manual Integrations
APPROVED

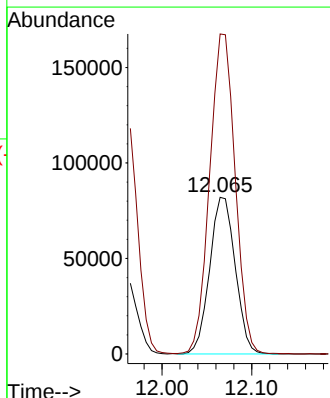
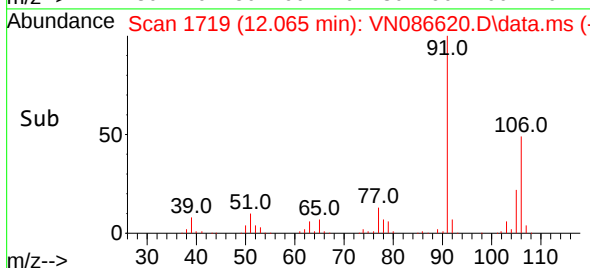
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

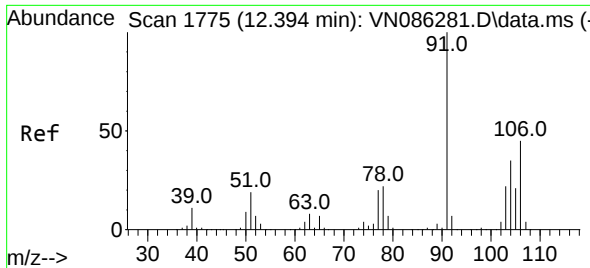


#68
m/p-Xylenes
Concen: 42.698 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion:106 Resp: 162209
Ion Ratio Lower Upper
106 100
91 204.1 166.5 249.7





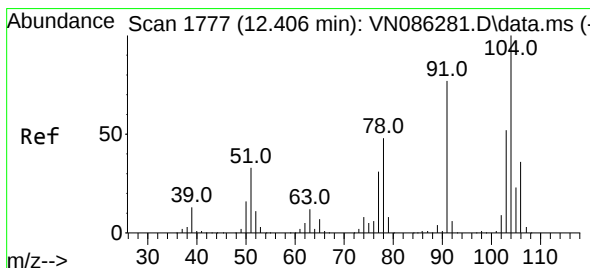
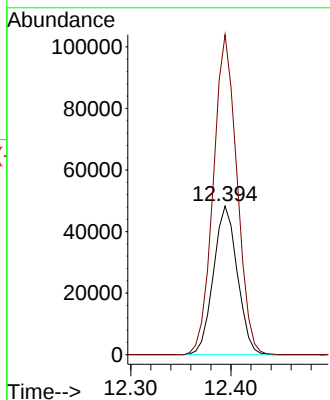
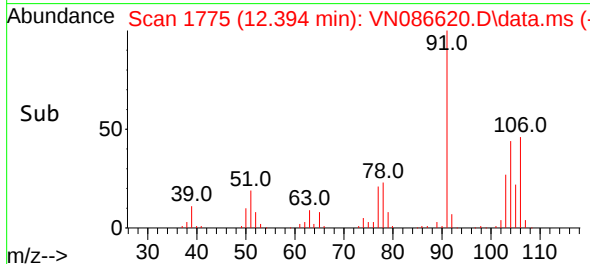
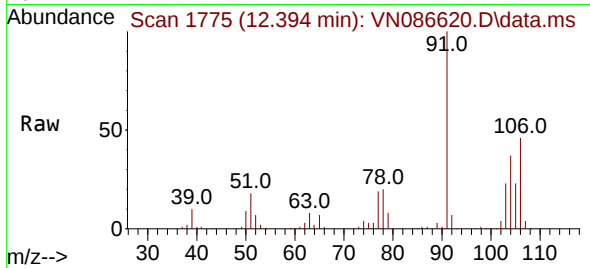
#69
o-Xylene
Concen: 21.281 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01

Tgt Ion:106 Resp: 79954
Ion Ratio Lower Upper
106 100
91 213.2 109.7 329.0

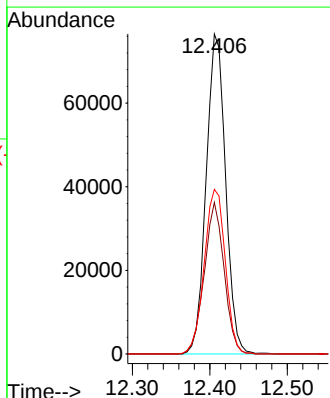
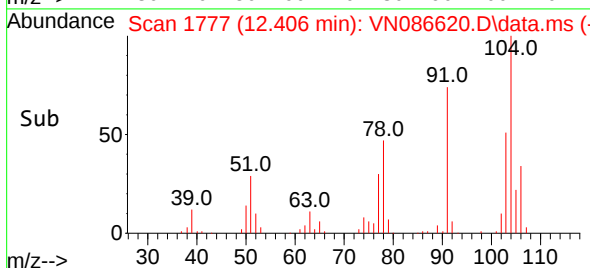
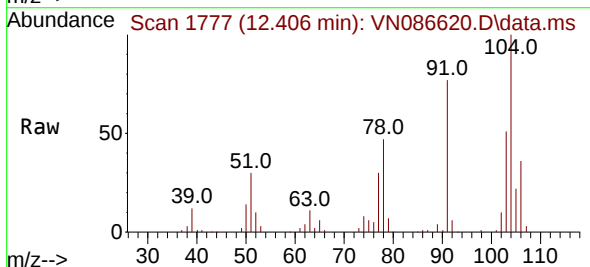
Manual Integrations
APPROVED

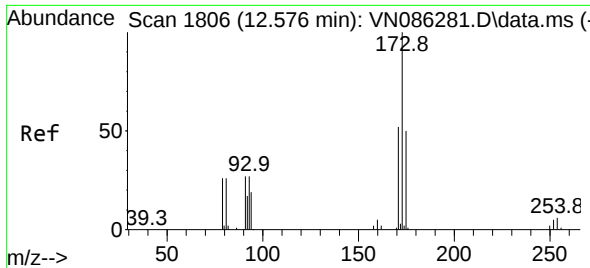
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#70
Styrene
Concen: 21.277 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Tgt Ion:104 Resp: 133191
Ion Ratio Lower Upper
104 100
78 48.5 40.6 61.0
103 55.8 43.6 65.4





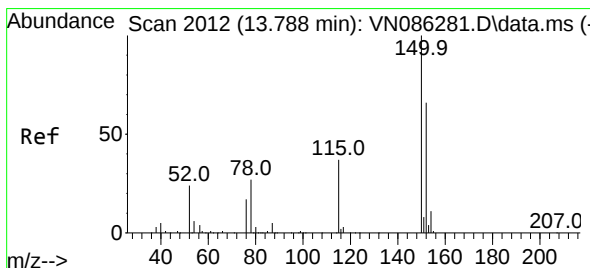
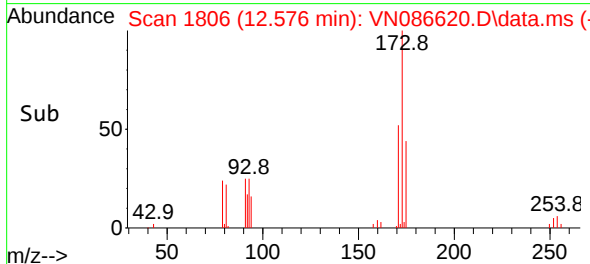
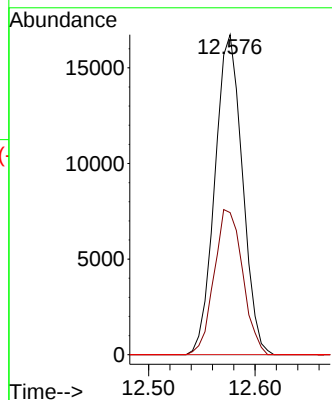
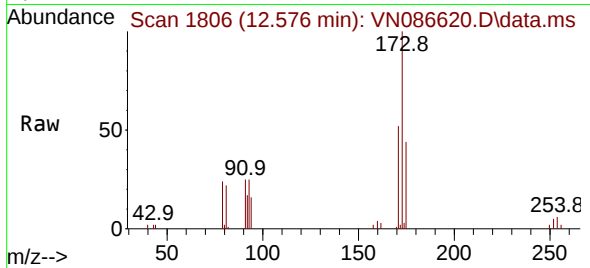
#71
Bromoform
Concen: 21.496 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01

Tgt Ion:173 Resp: 29999
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.6
254 0.0 0.0 0.0

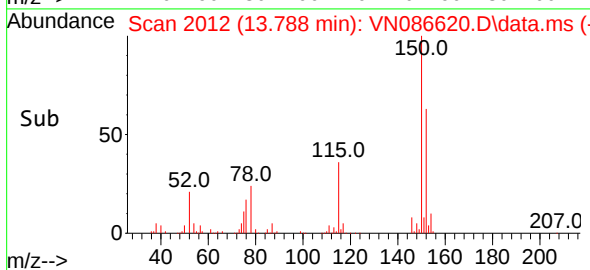
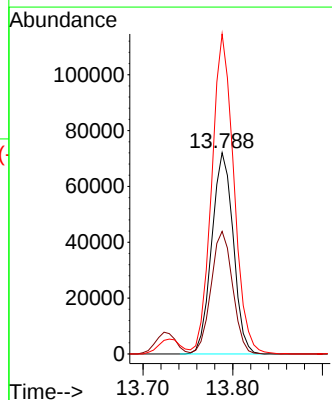
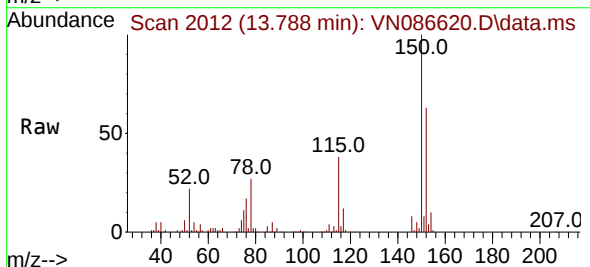
Manual Integrations
APPROVED

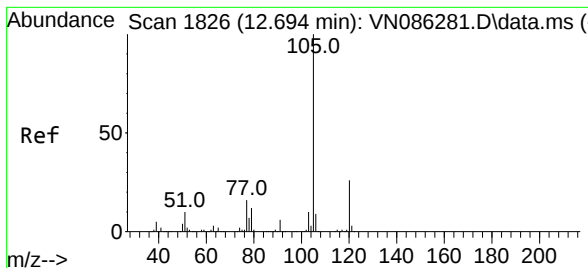
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Tgt Ion:152 Resp: 119686
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.9
150 163.9 0.0 352.0





#73

Isopropylbenzene

Concen: 19.715 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

Tgt Ion:105 Resp: 193018

Ion Ratio Lower Upper

105 100

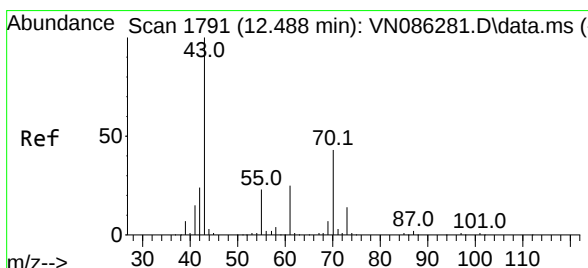
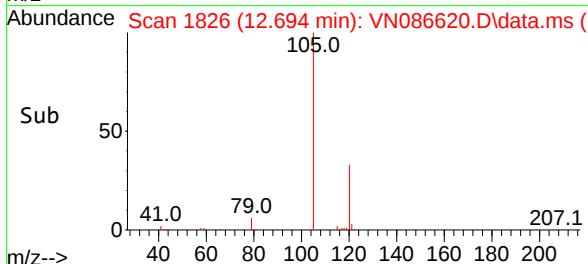
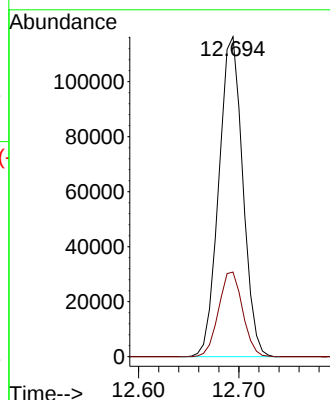
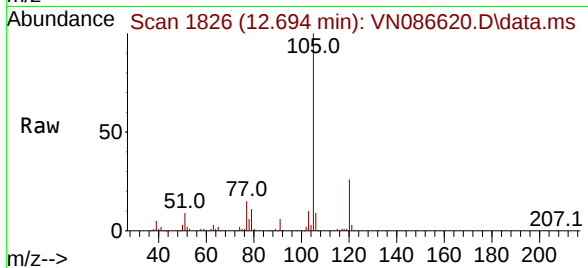
120 26.5 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#74

N-ethyl acetate

Concen: 17.531 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Tgt Ion: 43 Resp: 85445

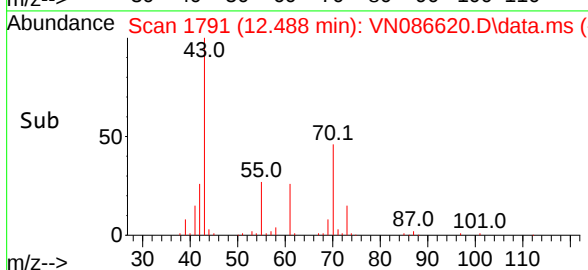
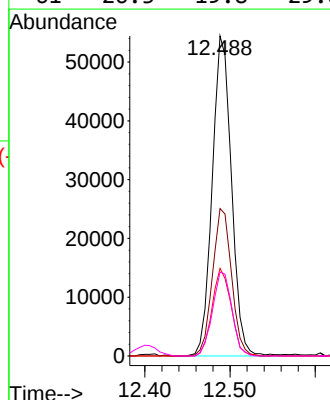
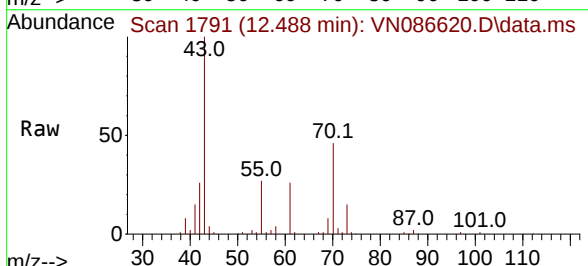
Ion Ratio Lower Upper

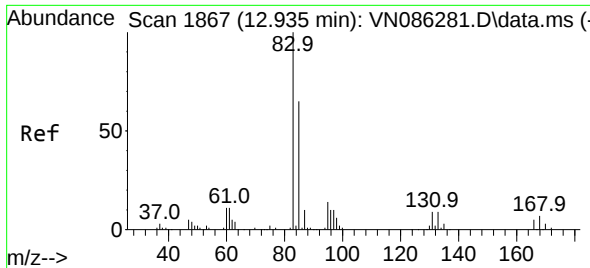
43 100

70 45.7 35.0 52.4

55 27.0 19.0 28.4

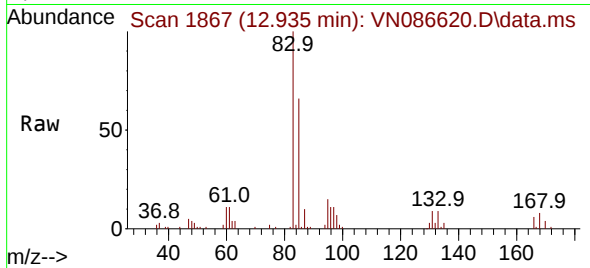
61 26.3 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.405 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

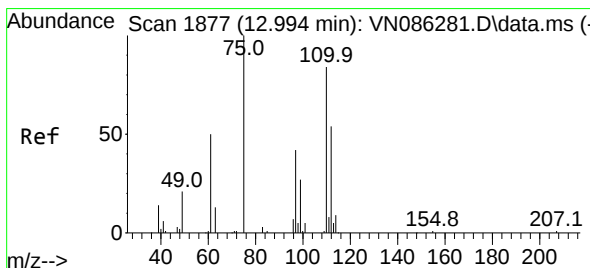
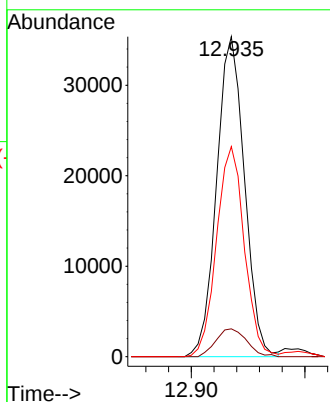
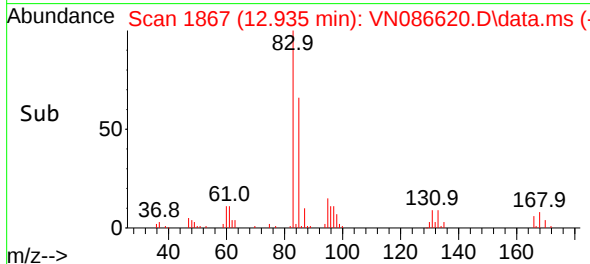
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



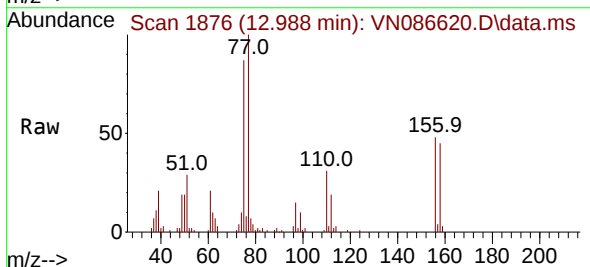
Tgt Ion: 83 Resp: 6025
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 65.3 32.7 98.1

Manual Integrations
APPROVED

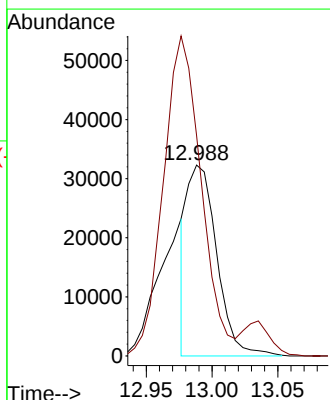
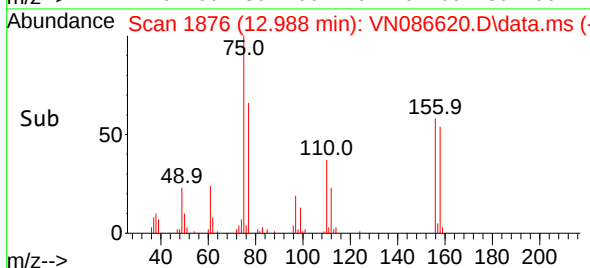
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#76
1,2,3-Trichloropropane
Concen: 17.920 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



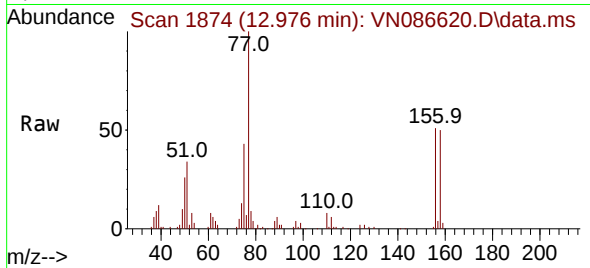
Tgt Ion: 75 Resp: 50612
Ion Ratio Lower Upper
75 100
77 213.9 98.8 296.4





#77
Bromobenzene
Concen: 22.172 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

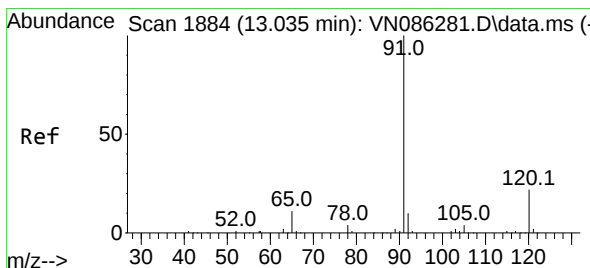
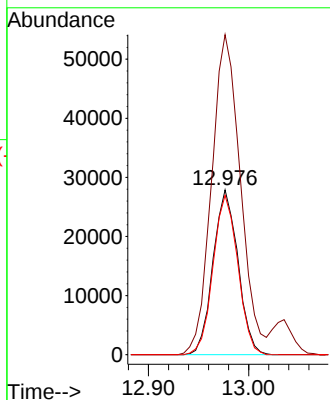
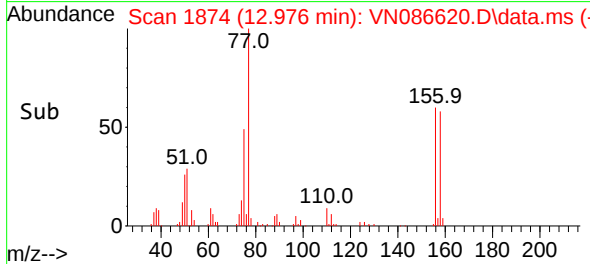
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



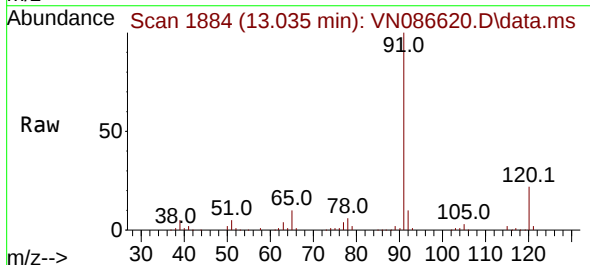
Tgt Ion:156 Resp: 48098
Ion Ratio Lower Upper
156 100
77 225.1 121.1 363.1
158 96.1 47.9 143.6

Manual Integrations
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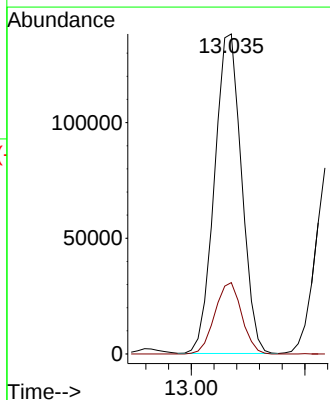
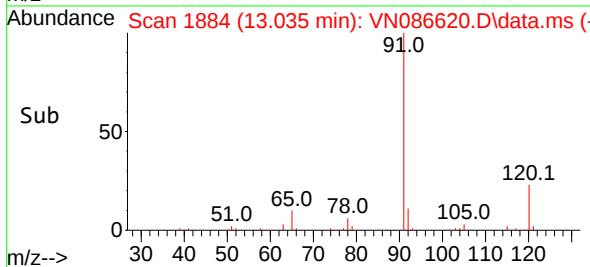
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

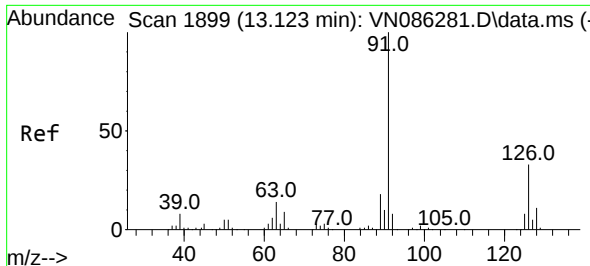


#78
n-propylbenzene
Concen: 19.813 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion: 91 Resp: 228577
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





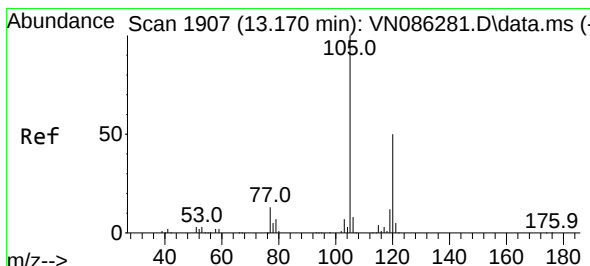
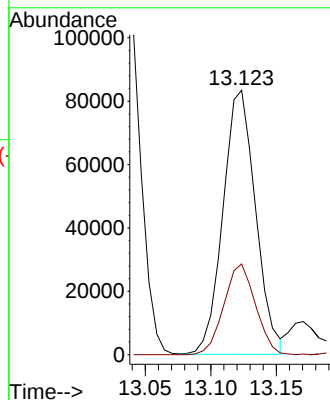
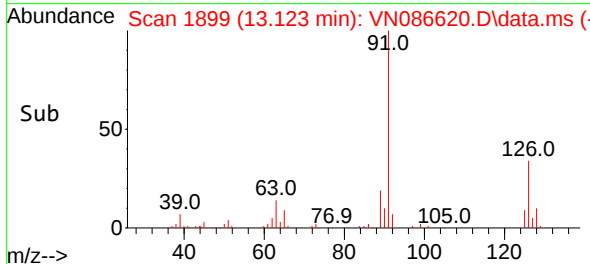
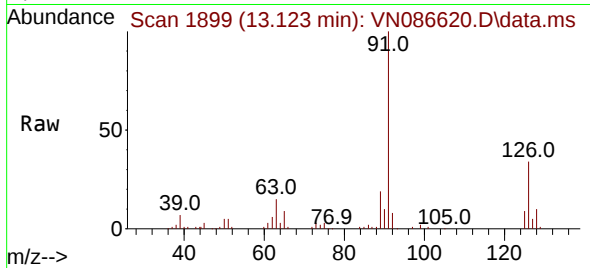
#79
2-Chlorotoluene
Concen: 19.970 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01

Tgt Ion: 91 Resp: 14416
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2

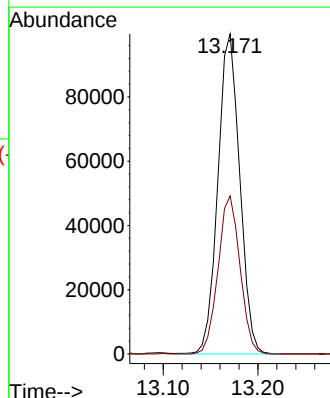
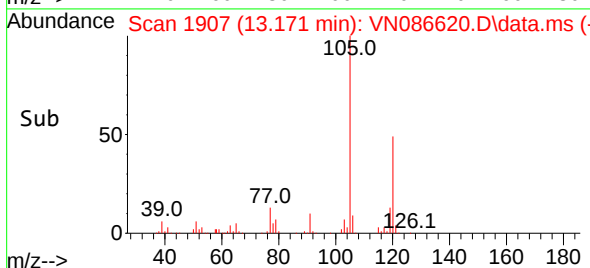
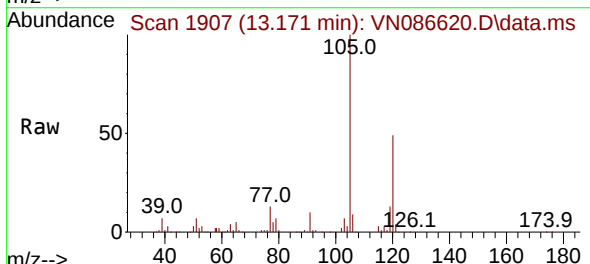
Manual Integrations
APPROVED

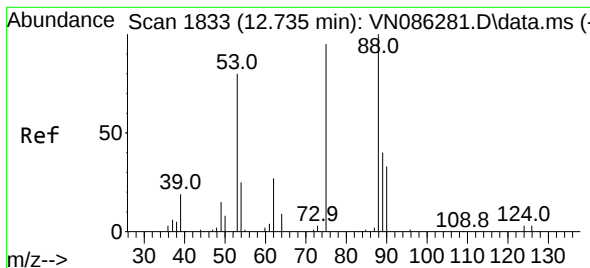
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.930 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

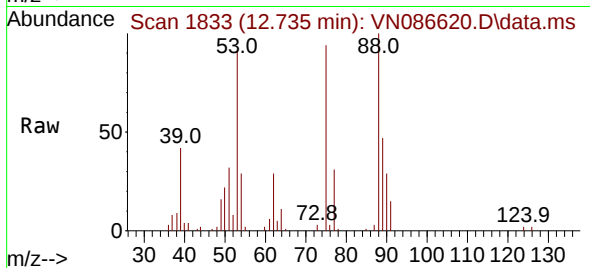
Tgt Ion:105 Resp: 159702
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.368 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

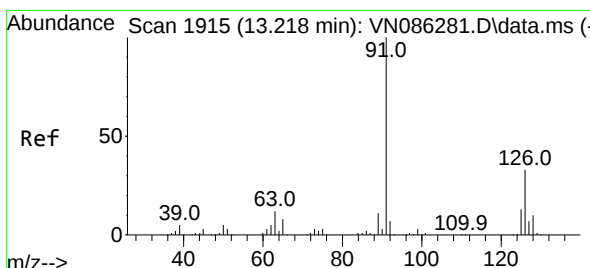
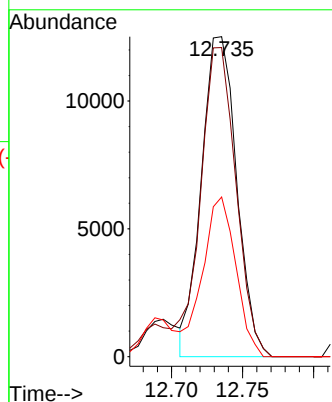
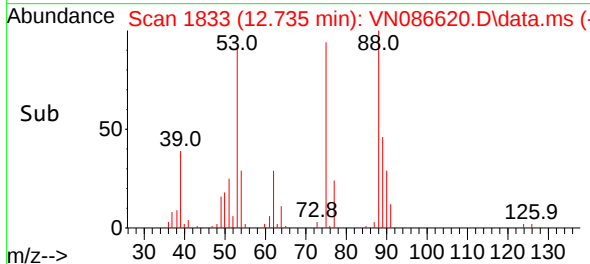
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



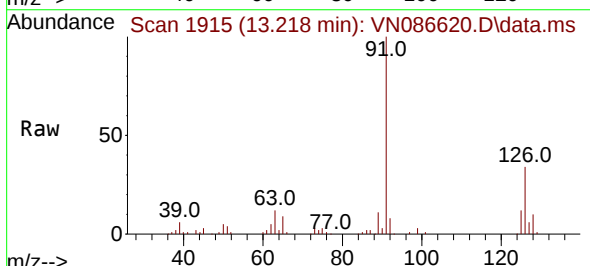
Tgt Ion: 75 Resp: 2160
Ion Ratio Lower Upper
75 100
53 106.6 79.2 118.8
89 47.0 35.7 53.5

Manual Integrations
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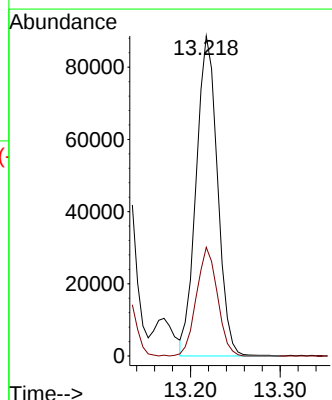
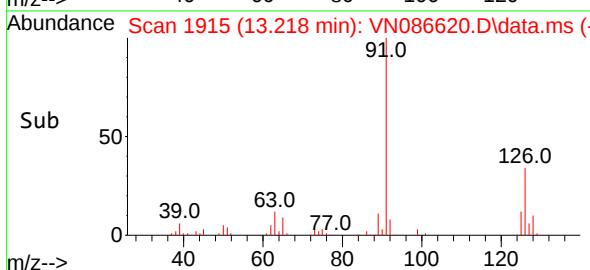
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

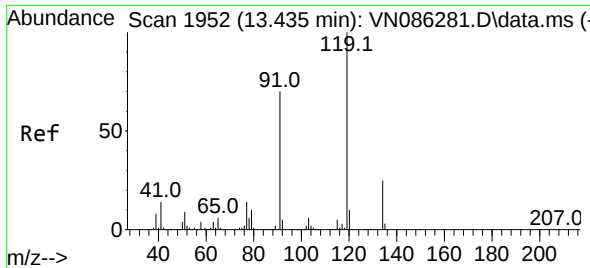


#82
4-Chlorotoluene
Concen: 20.385 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



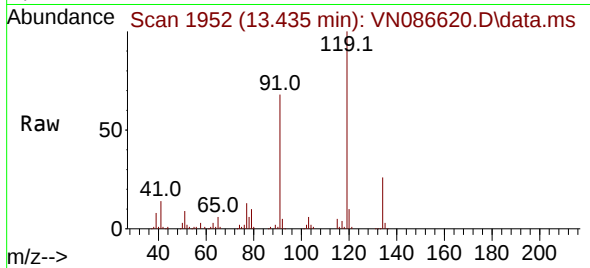
Tgt Ion: 91 Resp: 146188
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.578 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

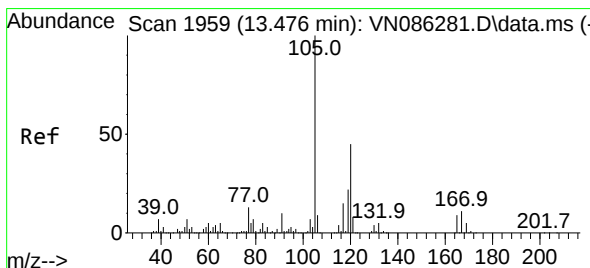
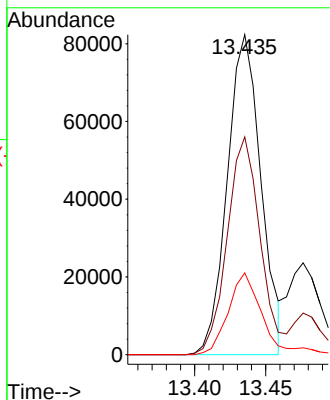
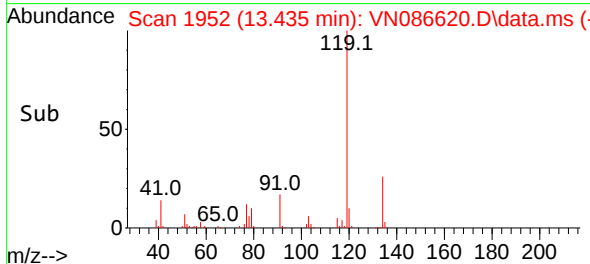
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



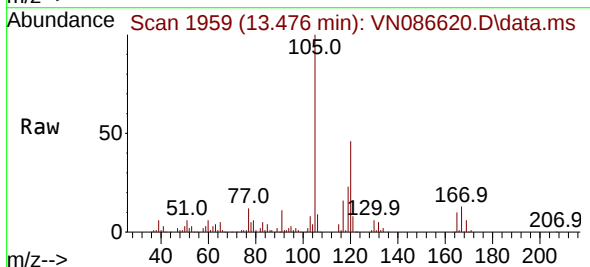
Tgt Ion:119 Resp: 135940
Ion Ratio Lower Upper
119 100
91 67.1 34.4 103.3
134 25.8 13.0 39.0

Manual Integrations
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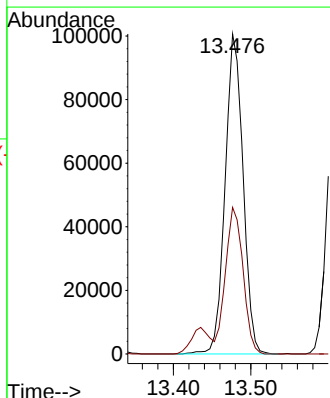
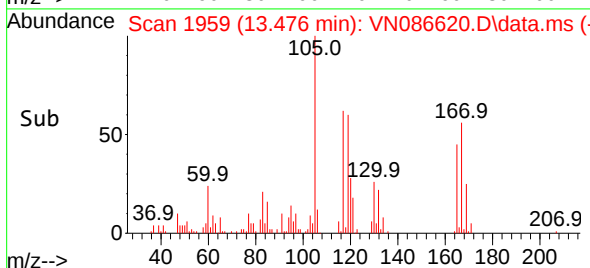
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

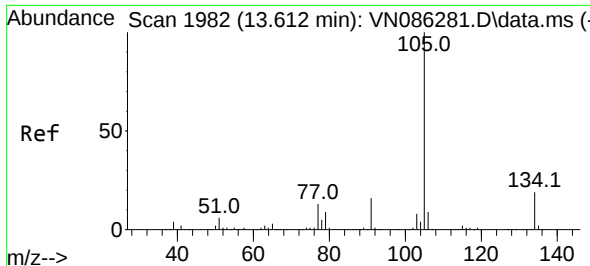


#84
1,2,4-Trimethylbenzene
Concen: 19.856 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



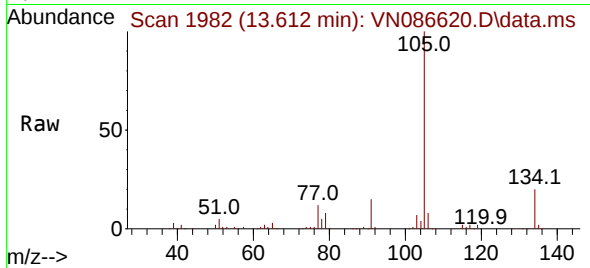
Tgt Ion:105 Resp: 161961
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.842 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32

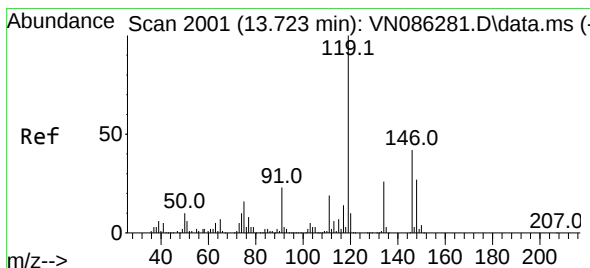
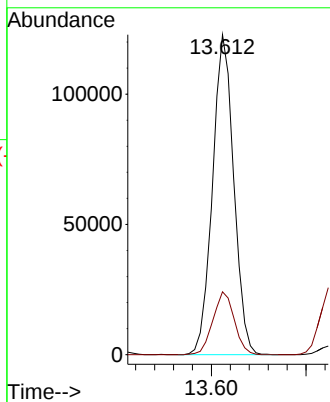
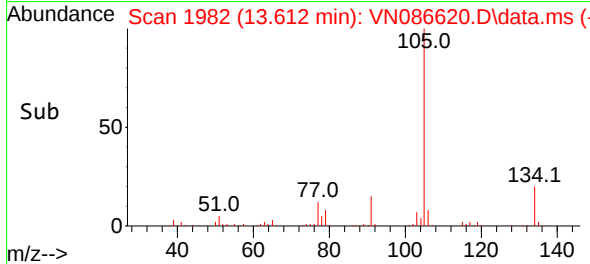
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBSD01



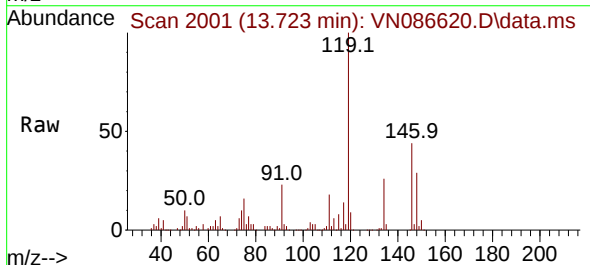
Tgt Ion:105 Resp: 191090
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

Manual Integrations
 APPROVED

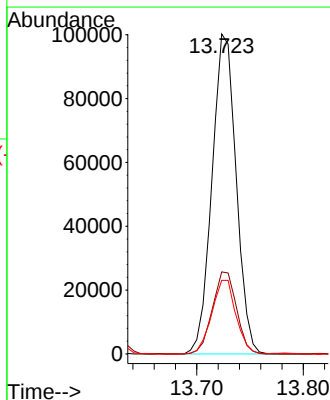
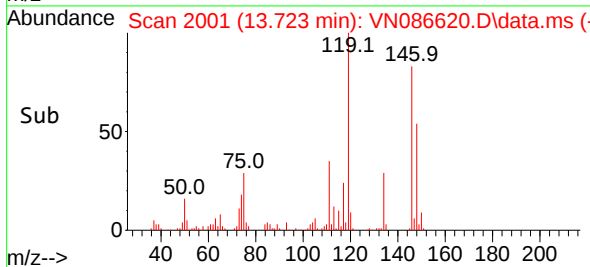
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025

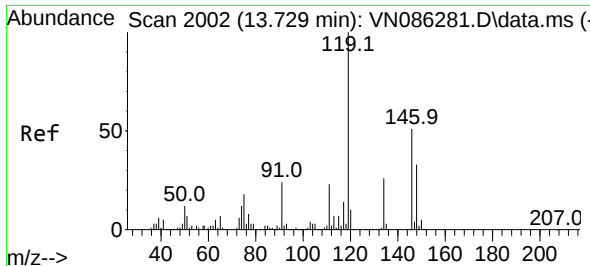


#86
 p-Isopropyltoluene
 Concen: 19.881 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32



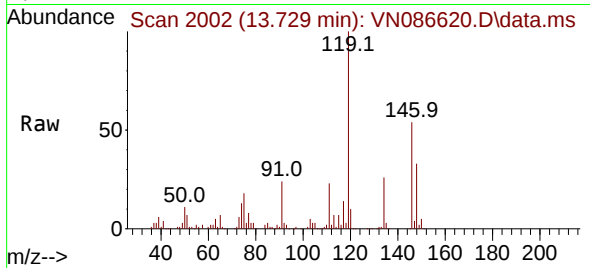
Tgt Ion:119 Resp: 157819
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 23.2 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 21.369 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

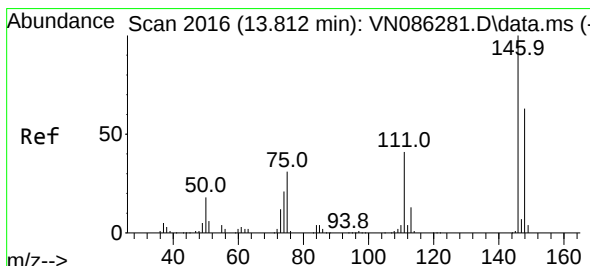
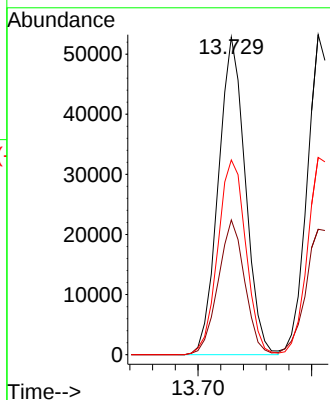
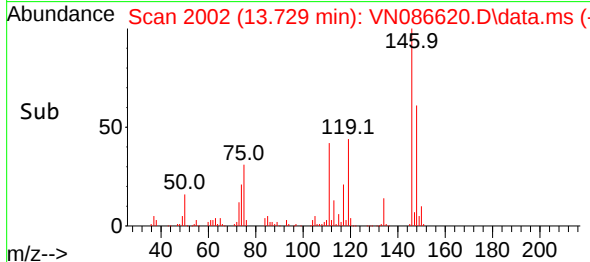
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBS01



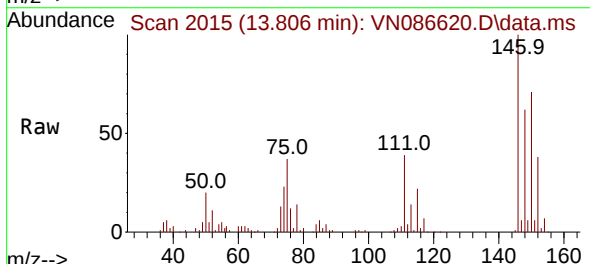
Tgt Ion:146 Resp: 8714
Ion Ratio Lower Upper
146 100
111 41.8 21.9 65.7
148 63.7 31.9 95.5

Manual Integrations
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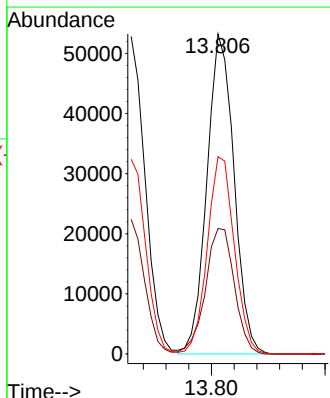
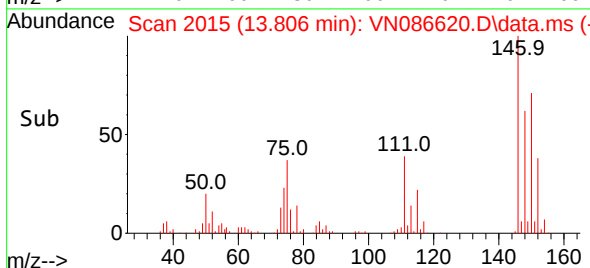
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#88
1,4-Dichlorobenzene
Concen: 21.478 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion:146 Resp: 88221
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 61.8 31.9 95.9





#89

n-Butylbenzene

Concen: 19.194 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086620.D

Acq: 14 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0514MBSD01

Tgt Ion: 91 Resp: 135056

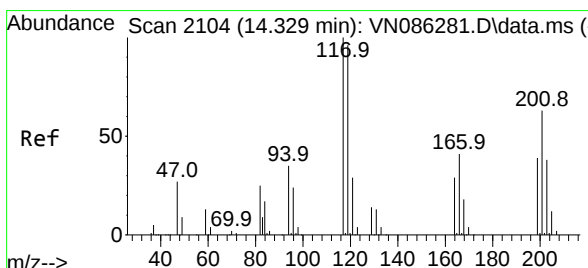
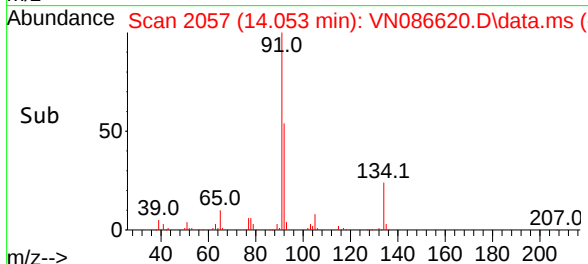
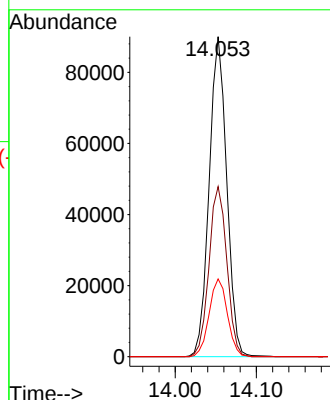
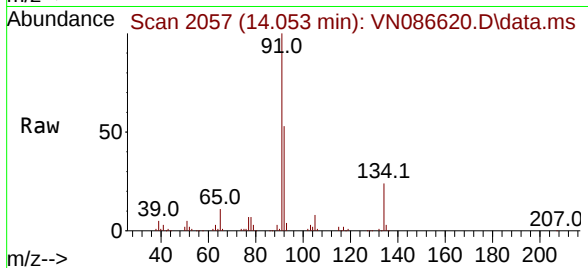
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.4
134	25.3	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#90

Hexachloroethane

Concen: 19.713 ug/l

RT: 14.329 min Scan# 2104

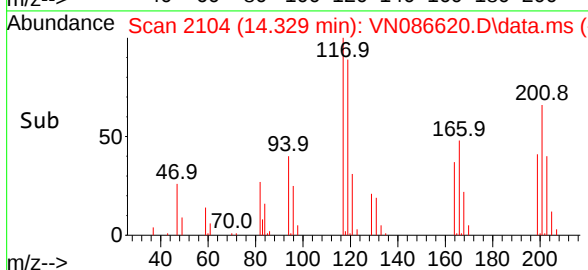
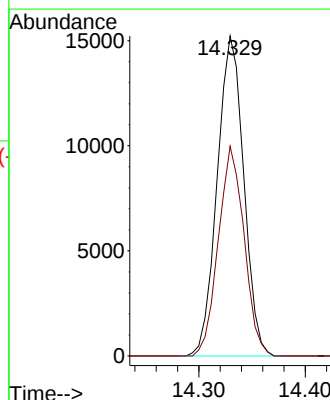
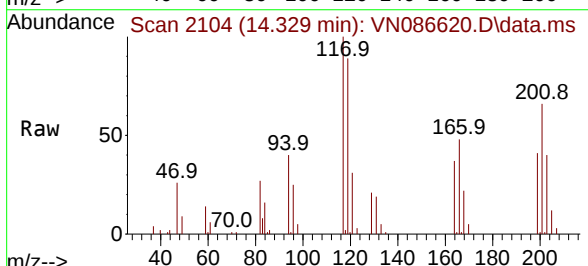
Delta R.T. 0.000 min

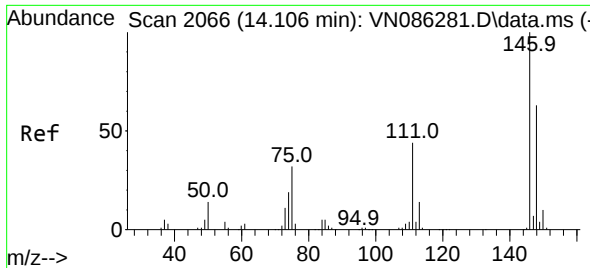
Lab File: VN086620.D

Acq: 14 May 2025 12:32

Tgt Ion:117 Resp: 26322

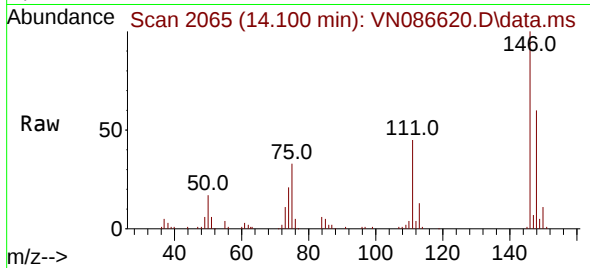
Ion	Ratio	Lower	Upper
117	100		
201	63.6	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 21.819 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

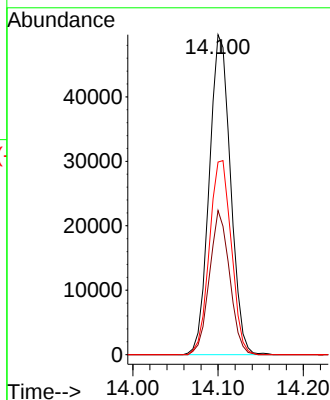
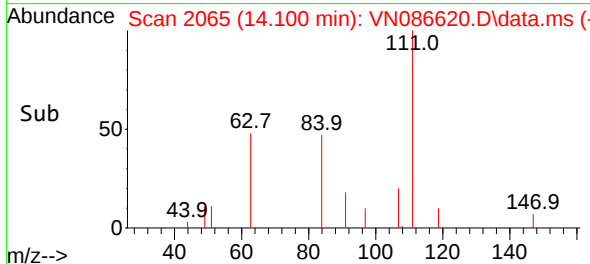
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



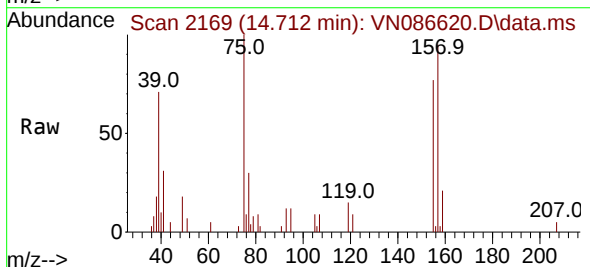
Tgt Ion:146 Resp: 86260
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 62.5 31.8 95.4

Manual Integrations
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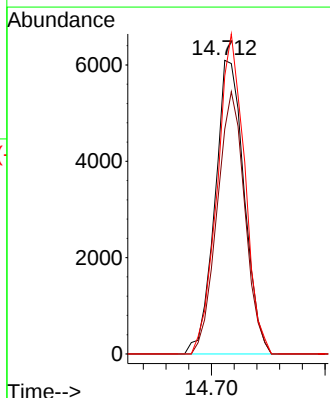
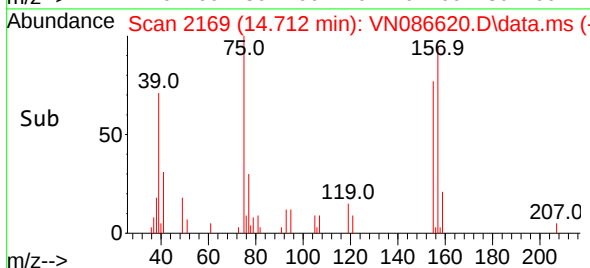
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

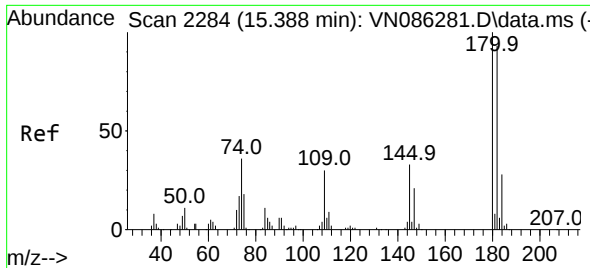


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.200 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



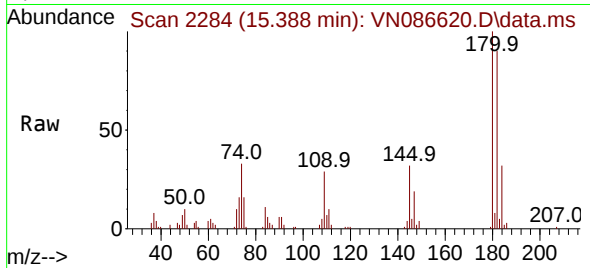
Tgt Ion: 75 Resp: 10898
Ion Ratio Lower Upper
75 100
155 84.8 40.3 120.9
157 102.1 49.0 147.2





#93
 1,2,4-Trichlorobenzene
 Concen: 19.979 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32

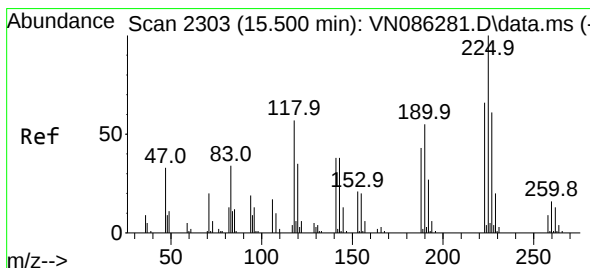
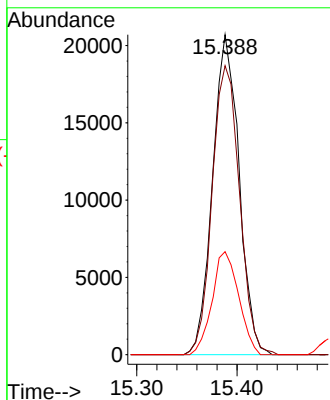
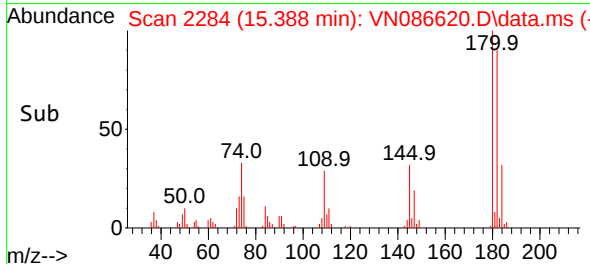
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514MBSD01



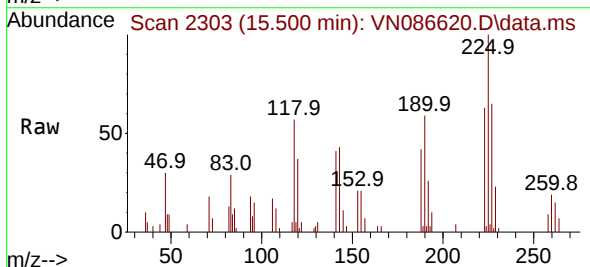
Tgt Ion:180 Resp: 3782
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.0 141.0
 145 32.3 16.4 49.1

Manual Integrations
 APPROVED

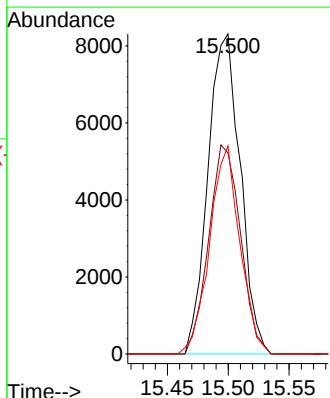
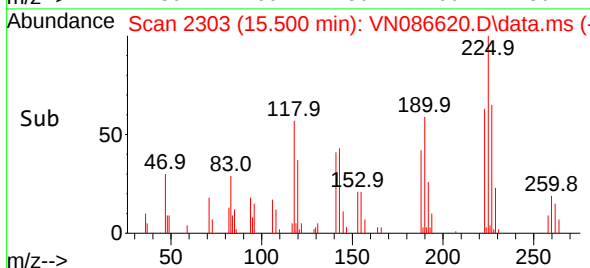
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025

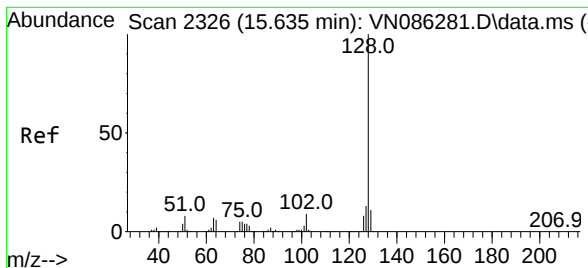


#94
 Hexachlorobutadiene
 Concen: 21.462 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN086620.D
 Acq: 14 May 2025 12:32



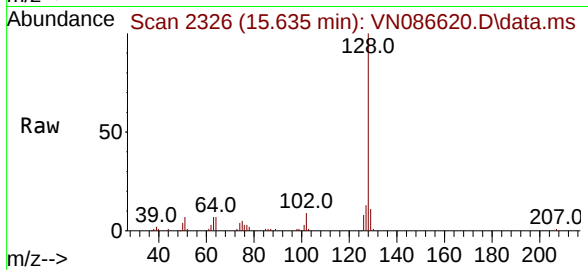
Tgt Ion:225 Resp: 15338
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.8 98.3
 227 60.9 31.4 94.0





#95
Naphthalene
Concen: 19.072 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32

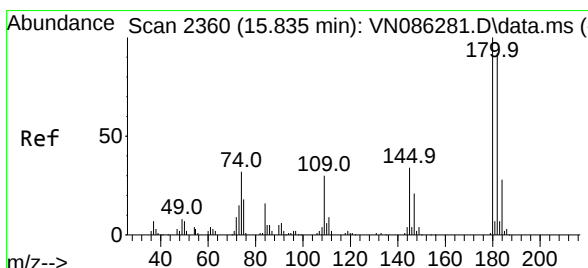
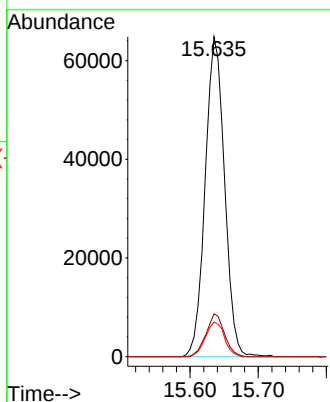
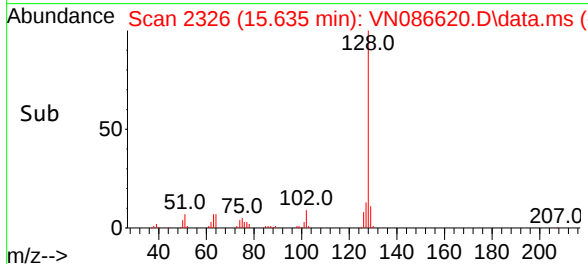
Instrument :
MSVOA_N
ClientSampleId :
VN0514MBSD01



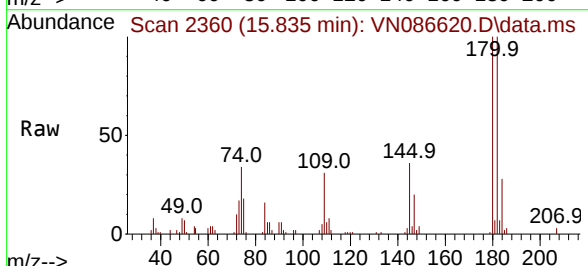
Tgt Ion:128 Resp: 127994
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.461 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086620.D
Acq: 14 May 2025 12:32



Tgt Ion:180 Resp: 36674
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 34.3 17.2 51.5

