

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086557.D
 Acq On : 09 May 2025 12:57
 Operator : JC\MD
 Sample : VN0509MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:25:58 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	176403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120415	47.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.140%		
35) Dibromofluoromethane	8.165	113	89453	61.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	122.620%		
50) Toluene-d8	10.565	98	366182	46.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.847	95	135313	47.575	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40105	19.179	ug/l	98
3) Chloromethane	2.359	50	51058	16.800	ug/l	97
4) Vinyl Chloride	2.518	62	49017	16.901	ug/l	99
5) Bromomethane	2.959	94	29435	22.564	ug/l	97
6) Chloroethane	3.124	64	32412	16.699	ug/l	93
7) Trichlorofluoromethane	3.500	101	59251	18.444	ug/l	94
8) Diethyl Ether	3.959	74	25129	17.918	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	36006	18.528	ug/l	96
10) Methyl Iodide	4.589	142	44123	20.651	ug/l	96
11) Tert butyl alcohol	5.512	59	38589	82.680	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35385	17.043	ug/l	95
13) Acrolein	4.177	56	22939	96.114	ug/l	99
14) Allyl chloride	5.024	41	50401	13.655	ug/l	93
15) Acrylonitrile	5.718	53	99876	86.565	ug/l	99
16) Acetone	4.418	43	81217	88.137	ug/l	99
17) Carbon Disulfide	4.712	76	101679	16.356	ug/l	99
18) Methyl Acetate	5.024	43	42834	13.950	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	134739	17.654	ug/l	97
20) Methylene Chloride	5.277	84	44201	18.691	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	39497	18.196	ug/l	93
22) Diisopropyl ether	6.671	45	129809	16.167	ug/l	95
23) Vinyl Acetate	6.600	43	490423	87.376	ug/l	96
24) 1,1-Dichloroethane	6.565	63	72385	17.086	ug/l	99
25) 2-Butanone	7.477	43	131412	82.534	ug/l	98
26) 2,2-Dichloropropane	7.488	77	65202	17.190	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	48720	18.084	ug/l	95
28) Bromochloromethane	7.812	49	34462	19.185	ug/l	89
29) Tetrahydrofuran	7.835	42	86842	81.562	ug/l	96
30) Chloroform	7.965	83	75911	18.241	ug/l	96
31) Cyclohexane	8.253	56	66282	15.989	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	64660	18.163	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53357	18.309	ug/l	97
37) Ethyl Acetate	7.553	43	55250	18.008	ug/l	97
38) Carbon Tetrachloride	8.359	117	54557	19.658	ug/l	96
39) Methylcyclohexane	9.594	83	61817	17.846	ug/l	96
40) Benzene	8.600	78	174349	18.673	ug/l	98

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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	28768	16.179	ug/l	92
42) 1,2-Dichloroethane	8.665	62	58546	19.663	ug/l	100
43) Isopropyl Acetate	8.682	43	101359	16.922	ug/l	99
44) Trichloroethene	9.347	130	43403	19.613	ug/l	97
45) 1,2-Dichloropropane	9.618	63	41247	18.047	ug/l	99
46) Dibromomethane	9.706	93	29800	20.464	ug/l	96
47) Bromodichloromethane	9.888	83	59907	19.047	ug/l	98
48) Methyl methacrylate	9.676	41	43601	16.183	ug/l	93
49) 1,4-Dioxane	9.694	88	18022	393.245	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	276921	88.144	ug/l	98
52) Toluene	10.629	92	112667	19.339	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	65643	18.697	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	69616	18.053	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	42434	20.244	ug/l	97
56) Ethyl methacrylate	10.871	69	69776	18.109	ug/l	97
57) 1,3-Dichloropropane	11.159	76	72338	19.451	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	158705	86.782	ug/l	96
59) 2-Hexanone	11.194	43	203276	87.232	ug/l	98
60) Dibromochloromethane	11.359	129	46325	20.126	ug/l	98
61) 1,2-Dibromoethane	11.465	107	42203	19.954	ug/l	99
64) Tetrachloroethene	11.100	164	43012	19.474	ug/l	98
65) Chlorobenzene	11.888	112	125844	19.639	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	41088	19.436	ug/l	98
67) Ethyl Benzene	11.959	91	212145	18.346	ug/l	100
68) m/p-Xylenes	12.070	106	166628	38.457	ug/l	96
69) o-Xylene	12.394	106	80992	18.902	ug/l	98
70) Styrene	12.406	104	134117	18.785	ug/l	99
71) Bromoform	12.576	173	29834	18.744	ug/l #	100
73) Isopropylbenzene	12.694	105	195841	18.318	ug/l	99
74) N-amyl acetate	12.488	43	86254	16.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	59745	19.435	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	56573m	18.342	ug/l	
77) Bromobenzene	12.976	156	48537	20.489	ug/l	90
78) n-propylbenzene	13.029	91	230450	18.292	ug/l	100
79) 2-Chlorotoluene	13.123	91	145004	18.394	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	158448	18.107	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	19983	15.560	ug/l	95
82) 4-Chlorotoluene	13.217	91	146285	18.680	ug/l	99
83) tert-Butylbenzene	13.435	119	138752	18.300	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	163682	18.376	ug/l	99
85) sec-Butylbenzene	13.612	105	194779	18.520	ug/l	99
86) p-Isopropyltoluene	13.723	119	159208	18.366	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	86802	19.492	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	87298	19.463	ug/l	99
89) n-Butylbenzene	14.053	91	135575	17.644	ug/l	99
90) Hexachloroethane	14.329	117	25547	17.521	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	82749	19.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10408	16.792	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	38802	18.768	ug/l	98
94) Hexachlorobutadiene	15.494	225	14556	18.651	ug/l	98
95) Naphthalene	15.635	128	126675	17.285	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	37230	19.021	ug/l	98

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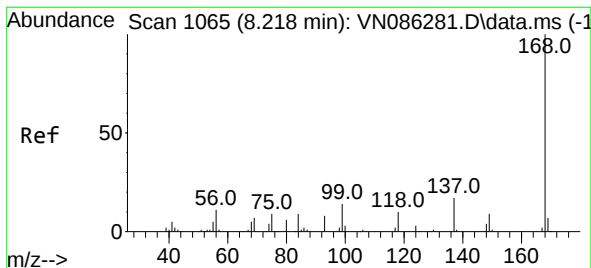
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:25:58 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

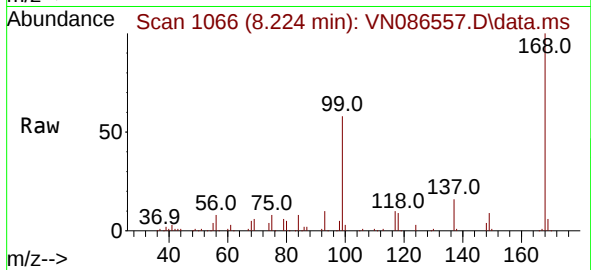
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086557.D
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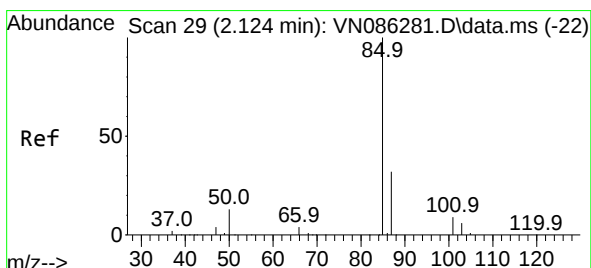
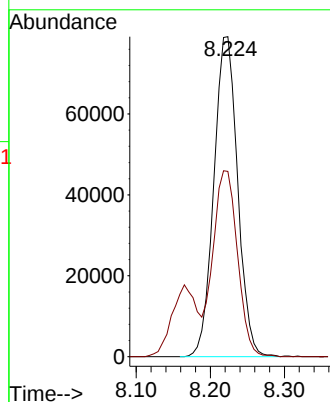
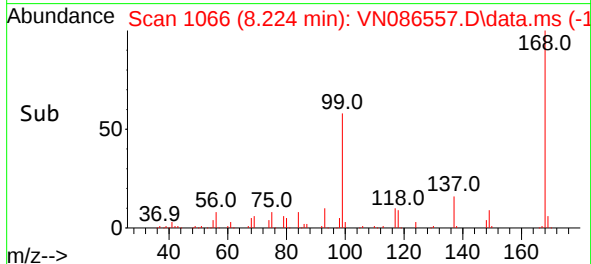
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion:168 Resp: 17640
Ion Ratio Lower Upper
168 100
99 57.9 52.5 78.7

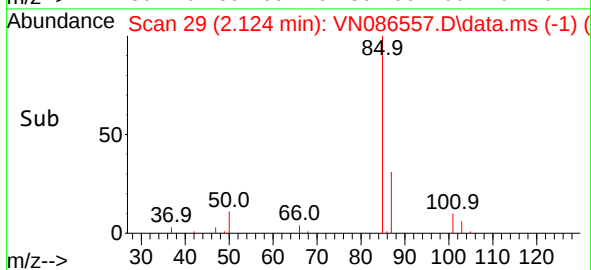
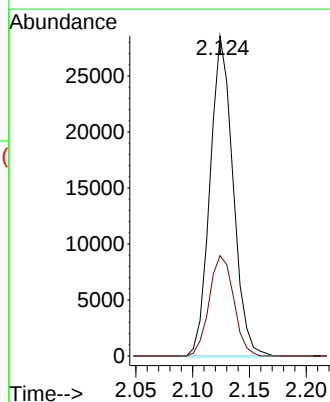
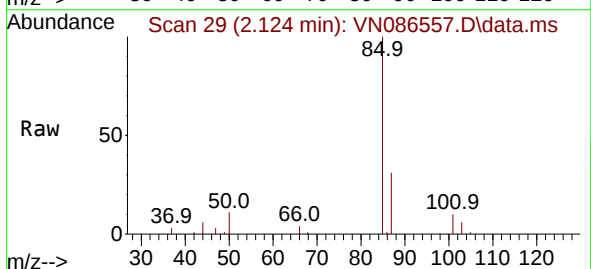
Manual Integrations
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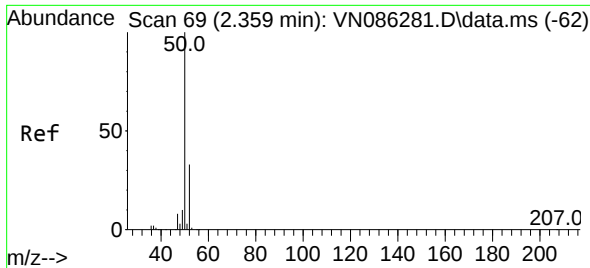
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#2
Dichlorodifluoromethane
Concen: 19.179 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

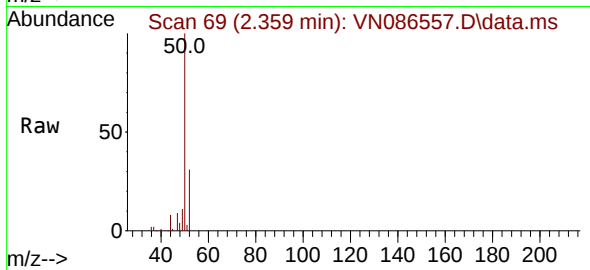
Tgt Ion: 85 Resp: 40105
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.8





#3
Chloromethane
Concen: 16.800 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

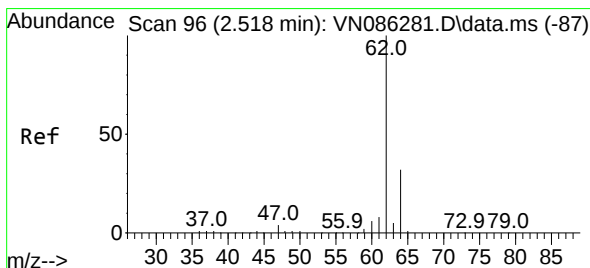
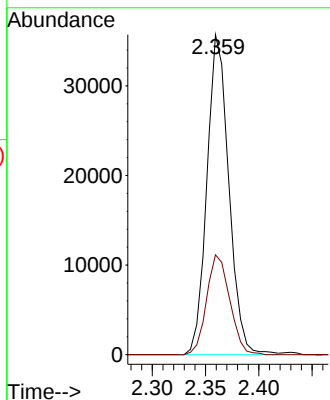
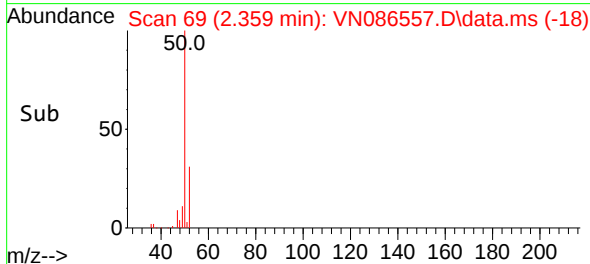
Instrument :
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Tgt Ion: 50 Resp: 51058
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

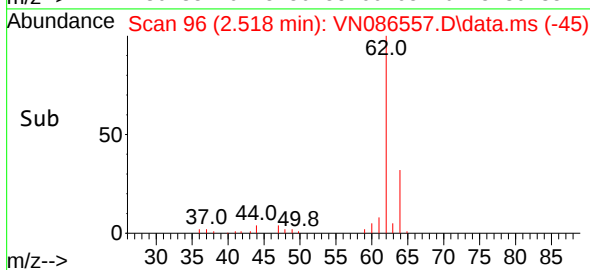
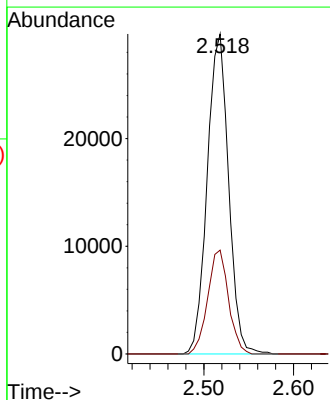
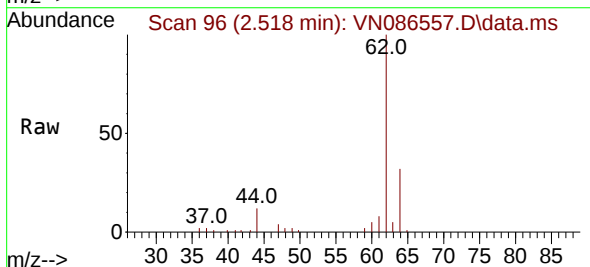
Manual Integrations
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Reviewed By :John Carlone 05/12/2025
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#4
Vinyl Chloride
Concen: 16.901 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

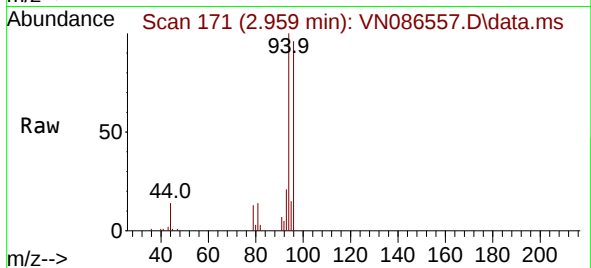
Tgt Ion: 62 Resp: 49017
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5
Bromomethane
Concen: 22.564 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

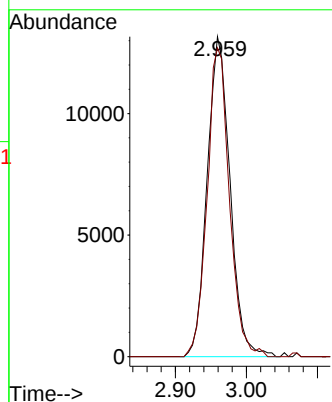
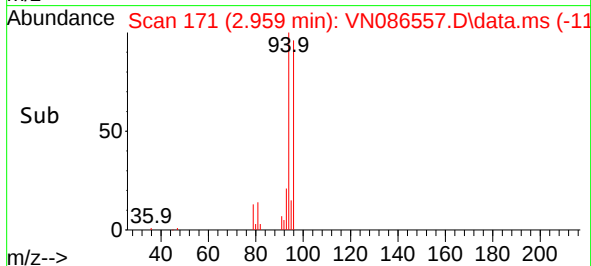
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 94 Resp: 2943
Ion Ratio Lower Upper
94 100
96 96.5 75.2 112.8

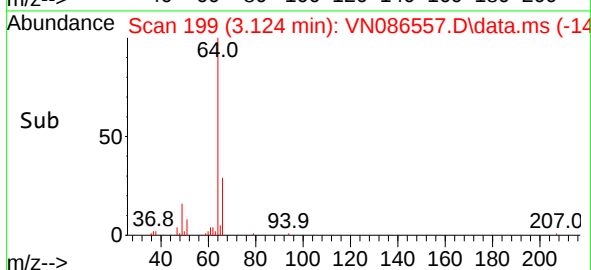
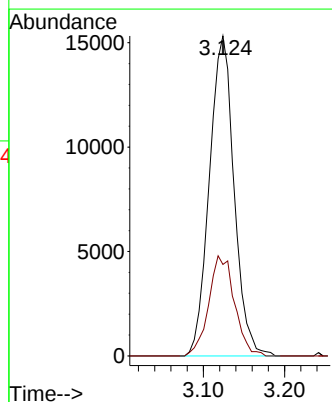
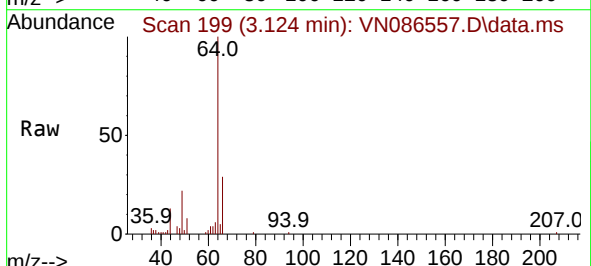
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#6
Chloroethane
Concen: 16.699 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Tgt Ion: 64 Resp: 32412
Ion Ratio Lower Upper
64 100
66 28.6 26.2 39.2





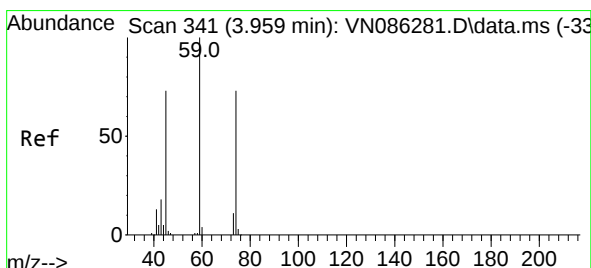
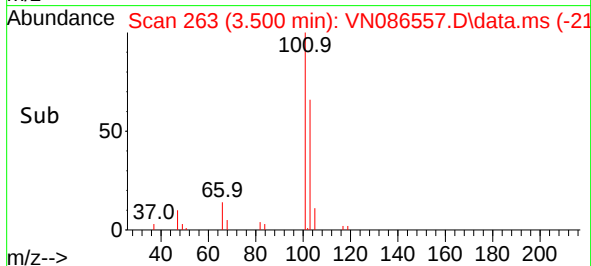
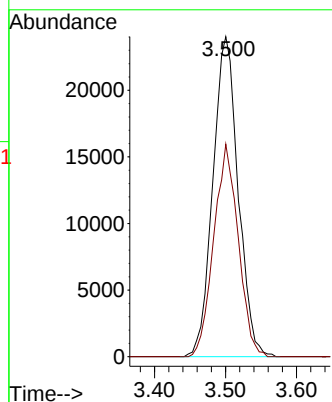
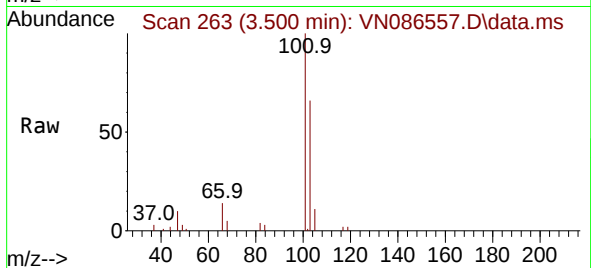
#7
 Trichlorofluoromethane
 Concen: 18.444 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

Instrument :
 MSVOA_N
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 VN0509MBS02

Tgt Ion:101 Resp: 5925
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.2 73.8

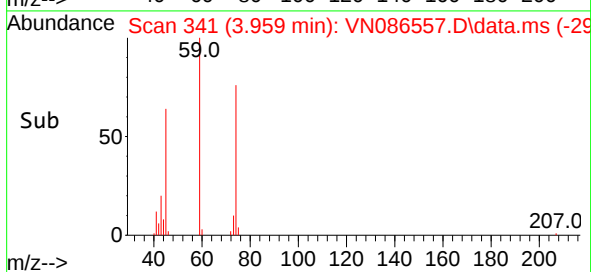
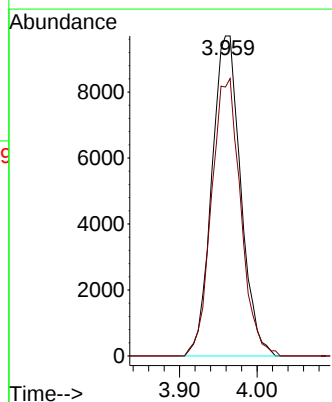
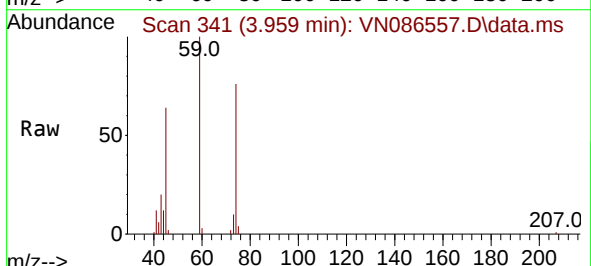
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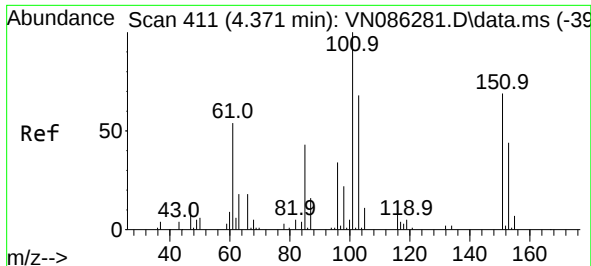
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#8
 Diethyl Ether
 Concen: 17.918 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

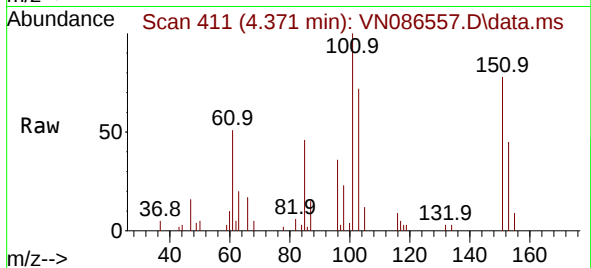
Tgt Ion: 74 Resp: 25129
 Ion Ratio Lower Upper
 74 100
 45 87.6 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.528 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086557.D
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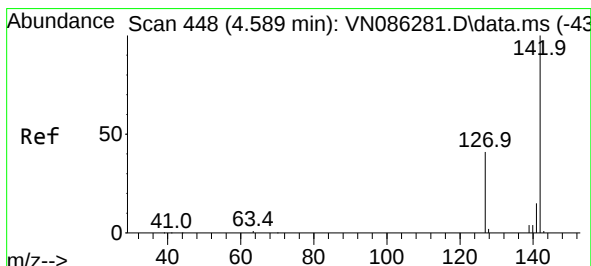
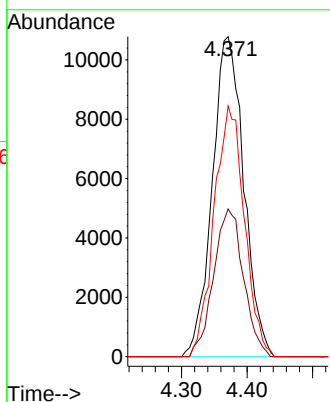
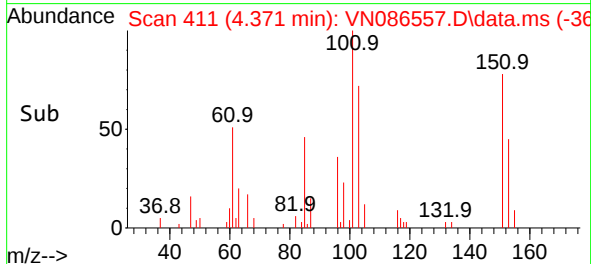
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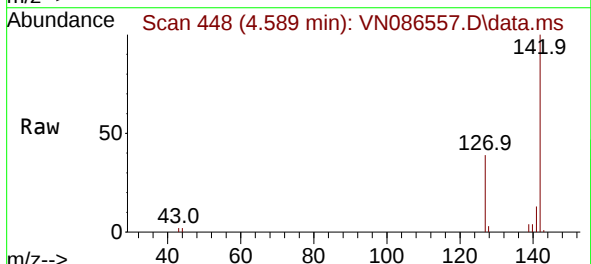
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Ion Ratio Lower Upper
101 100
85 43.8 34.7 52.1
151 75.3 56.1 84.1

Manual Integrations
APPROVED

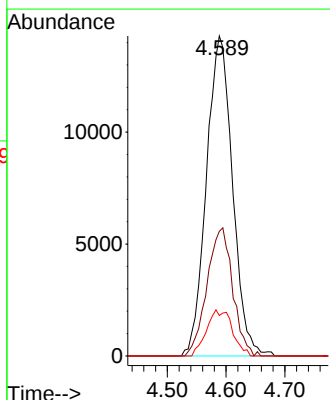
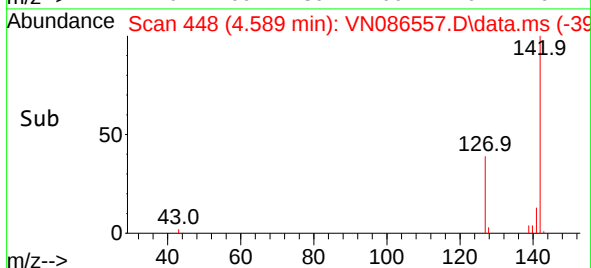
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

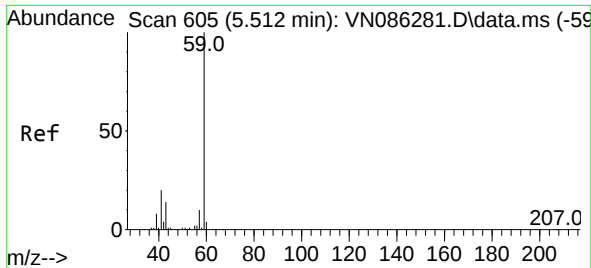


#10
Methyl Iodide
Concen: 20.651 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



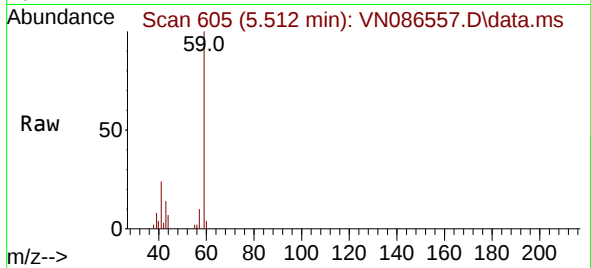
Tgt Ion:142 Resp: 44123
Ion Ratio Lower Upper
142 100
127 39.0 32.7 49.1
141 12.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 82.680 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

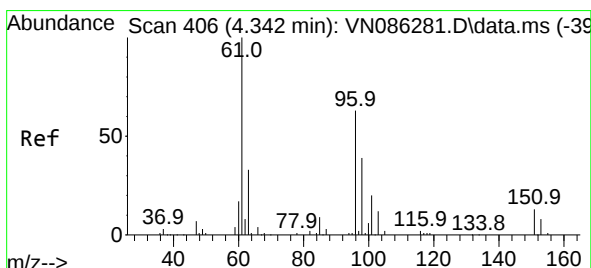
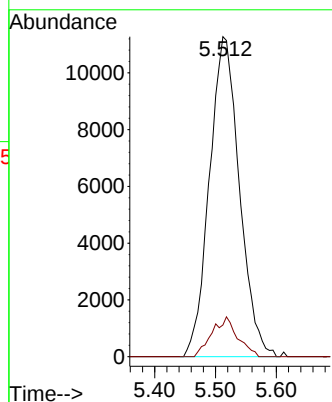
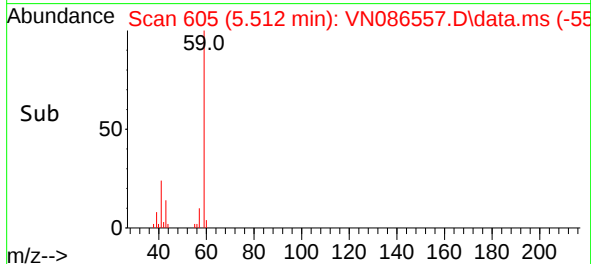
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



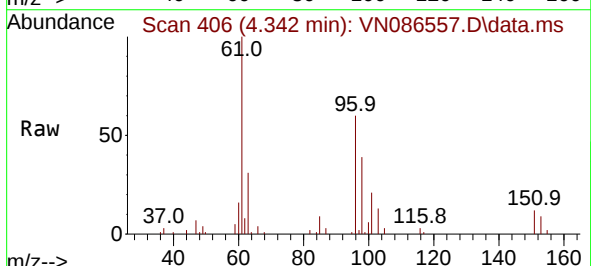
Tgt Ion: 59 Resp: 3858
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

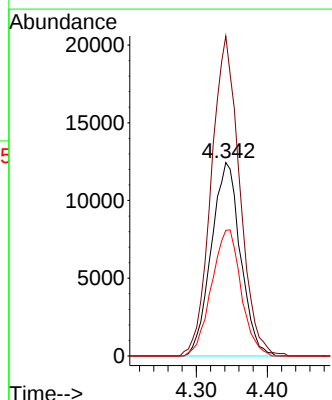
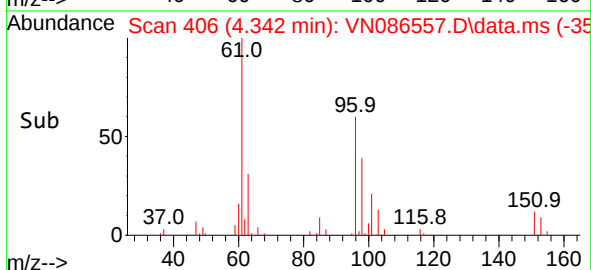
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#12
1,1-Dichloroethene
Concen: 17.043 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



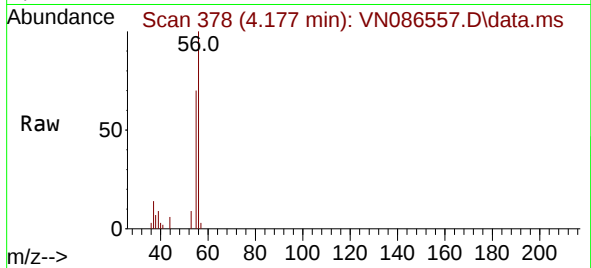
Tgt Ion: 96 Resp: 35385
Ion Ratio Lower Upper
96 100
61 165.5 126.6 189.8
98 64.9 49.6 74.4





#13
Acrolein
Concen: 96.114 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

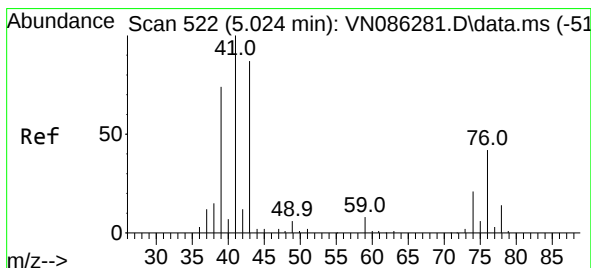
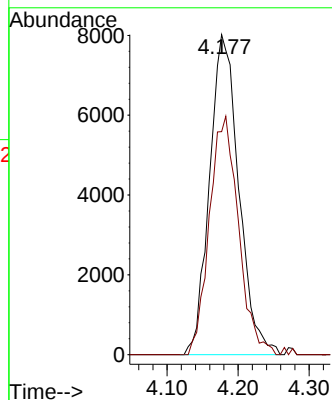
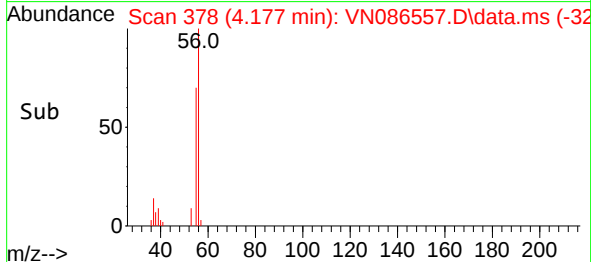
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



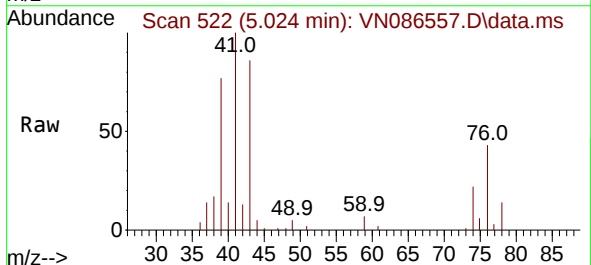
Tgt Ion: 56 Resp: 22939
Ion Ratio Lower Upper
56 100
55 73.9 58.5 87.7

Manual Integrations
APPROVED

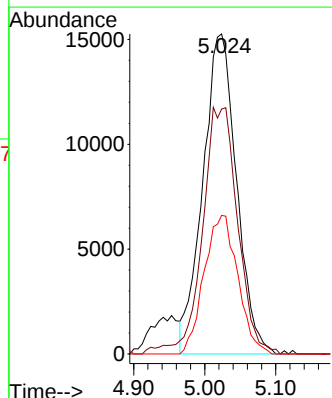
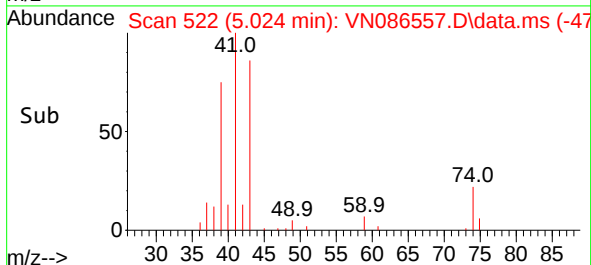
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#14
Allyl chloride
Concen: 13.655 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



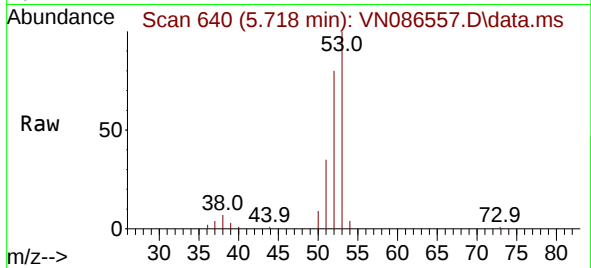
Tgt Ion: 41 Resp: 50401
Ion Ratio Lower Upper
41 100
39 80.5 59.2 88.8
76 43.1 31.2 46.8





#15
Acrylonitrile
Concen: 86.565 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

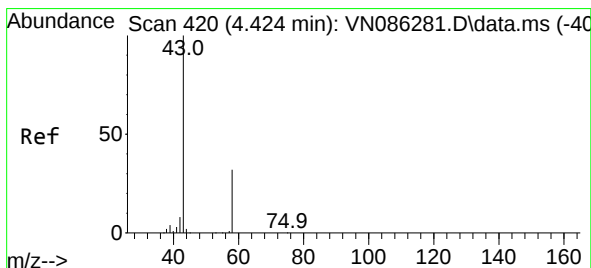
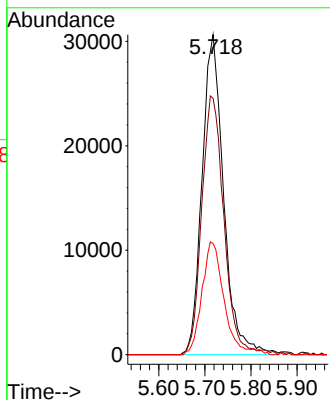
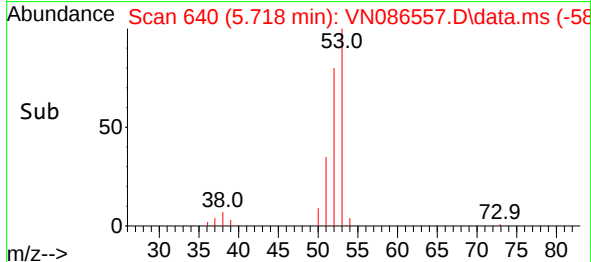
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 53 Resp: 99870
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 36.2 28.6 42.8

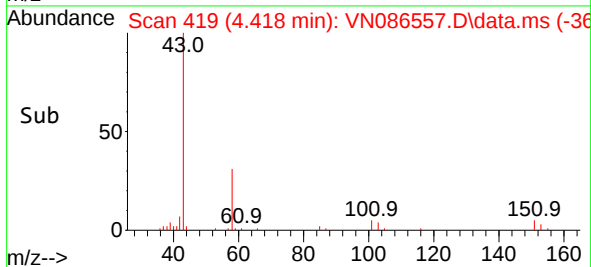
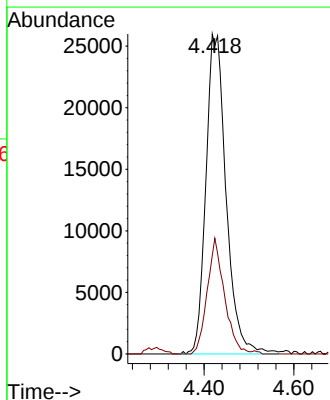
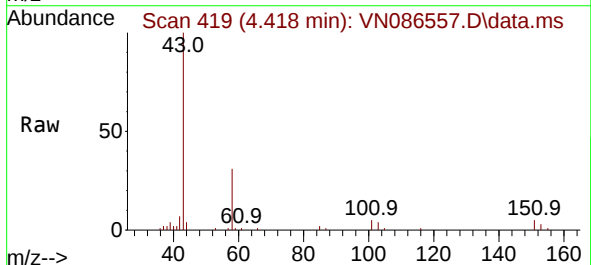
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Acetone
Concen: 88.137 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

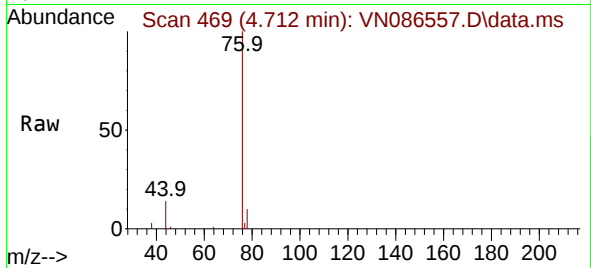
Tgt Ion: 43 Resp: 81217
Ion Ratio Lower Upper
43 100
58 30.8 25.3 37.9





#17
Carbon Disulfide
Concen: 16.356 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

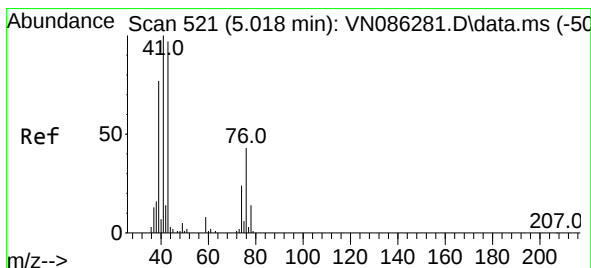
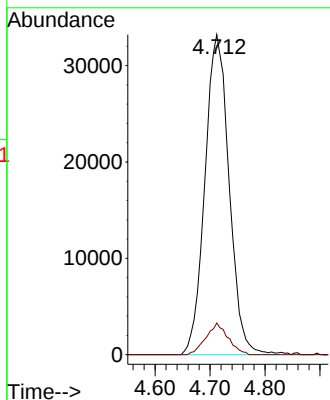
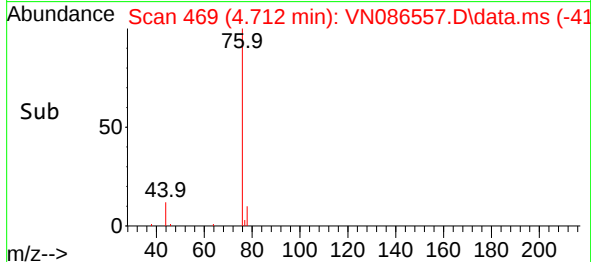
Instrument :
MSVOA_N
Client SampleId :
VN0509MBS02



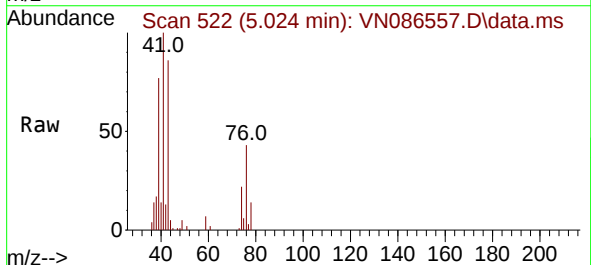
Tgt Ion: 76 Resp: 101679
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

Manual Integrations
APPROVED

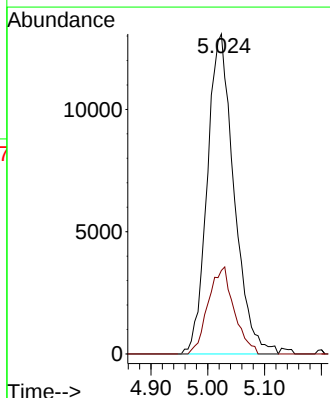
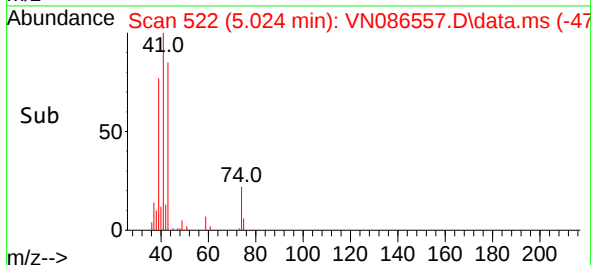
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

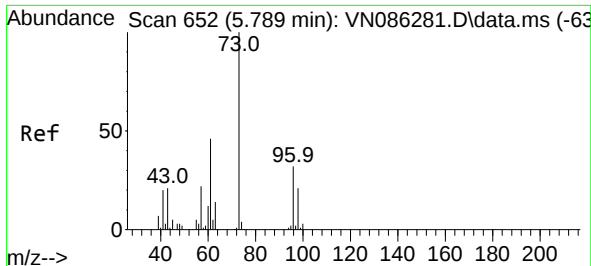


#18
Methyl Acetate
Concen: 13.950 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



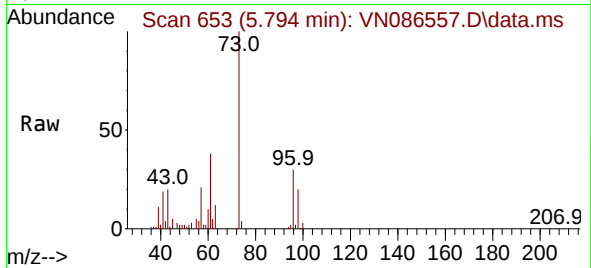
Tgt Ion: 43 Resp: 42834
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 17.654 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

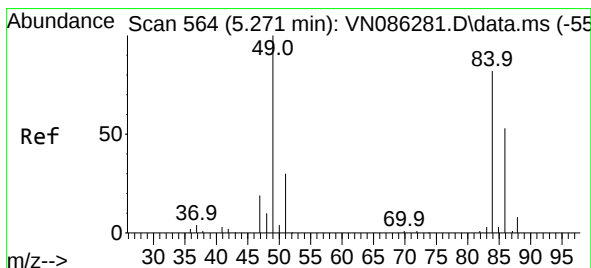
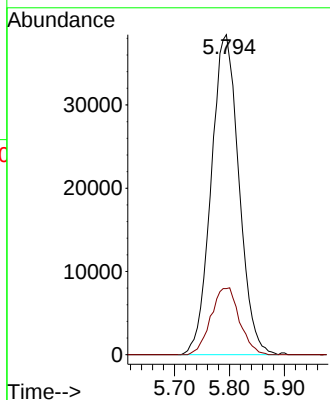
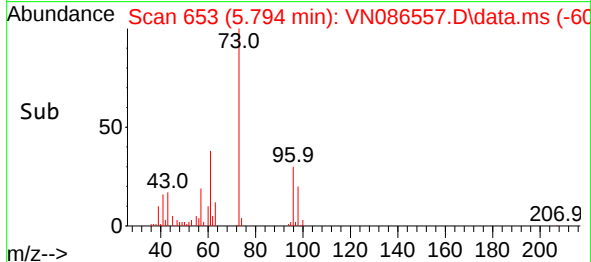
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 73 Resp: 134739
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

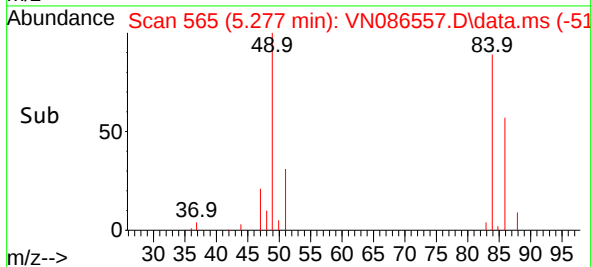
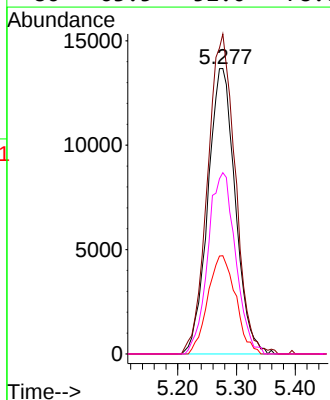
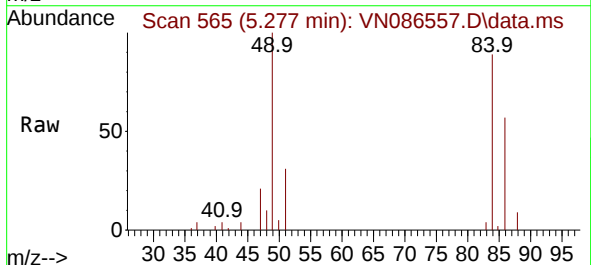
Manual Integrations
APPROVED

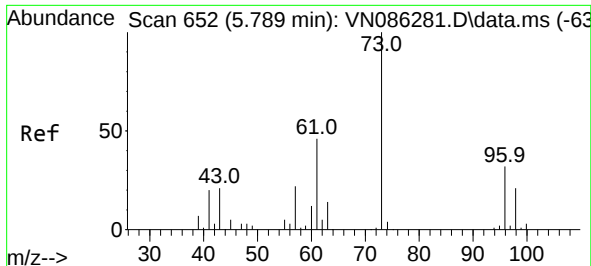
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
Methylene Chloride
Concen: 18.691 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

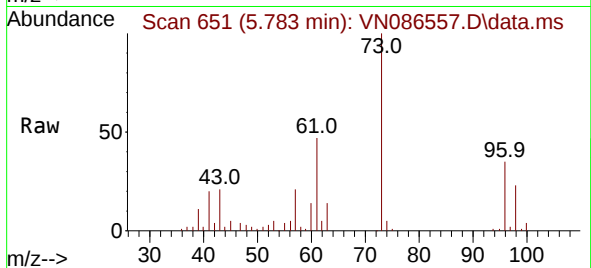
Tgt Ion: 84 Resp: 44201
Ion Ratio Lower Upper
84 100
49 112.1 98.2 147.2
51 34.4 29.8 44.6
86 63.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.196 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

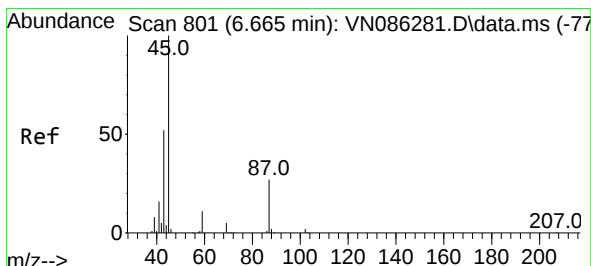
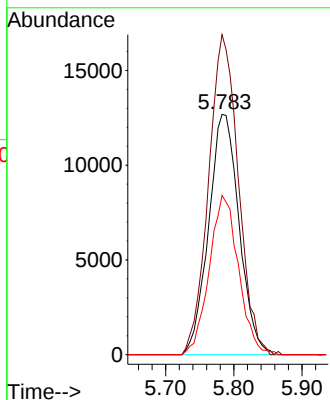
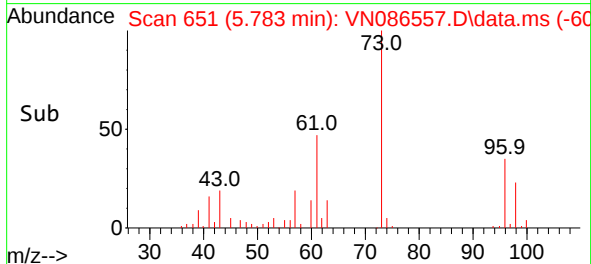
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 96 Resp: 3949
Ion Ratio Lower Upper
96 100
61 133.1 114.6 171.8
98 66.2 51.2 76.8

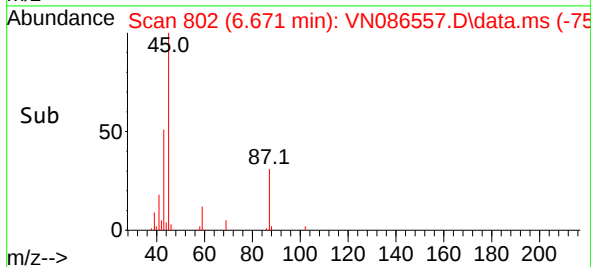
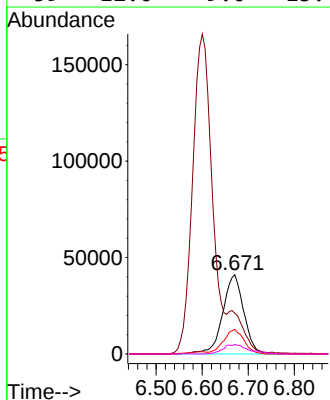
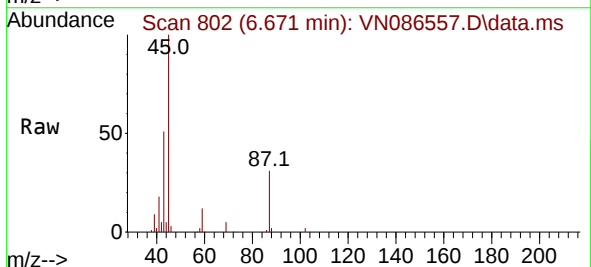
Manual Integrations
APPROVED

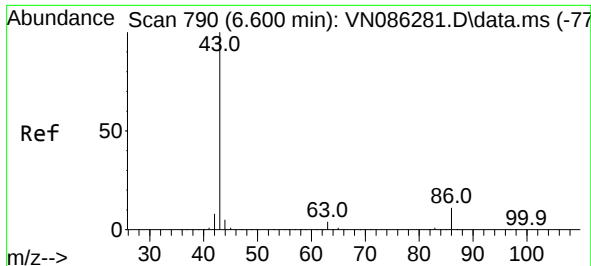
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#22
Diisopropyl ether
Concen: 16.167 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Tgt Ion: 45 Resp: 129809
Ion Ratio Lower Upper
45 100
43 49.8 41.8 62.8
87 31.1 21.6 32.4
59 12.0 9.0 13.4





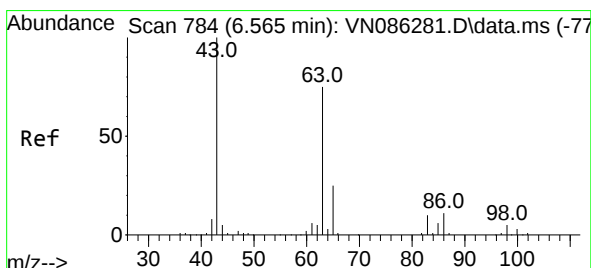
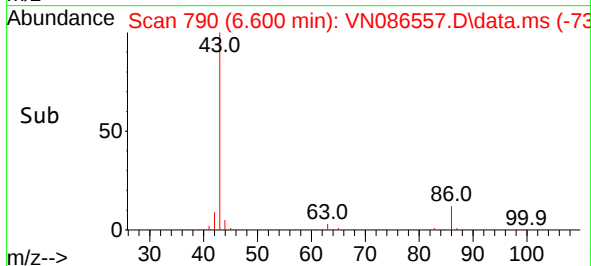
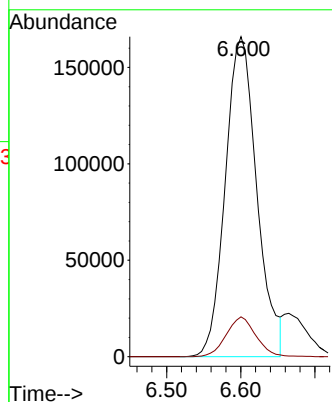
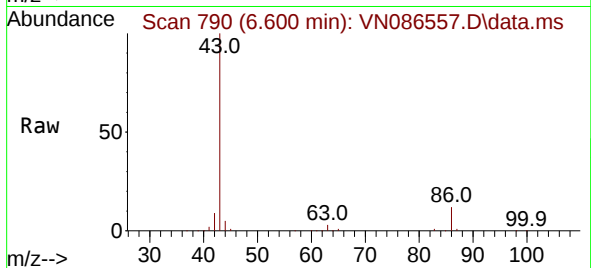
#23
 Vinyl Acetate
 Concen: 87.376 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS02

Tgt Ion: 43 Resp: 490423
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.6 13.0

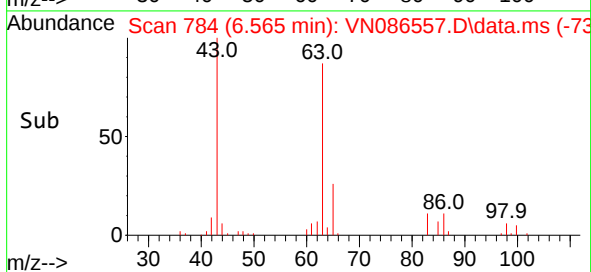
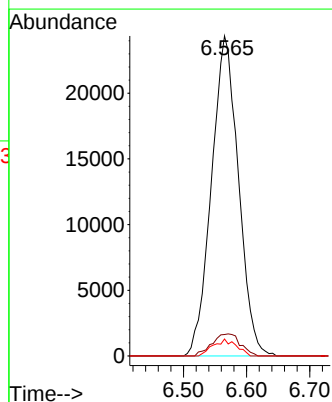
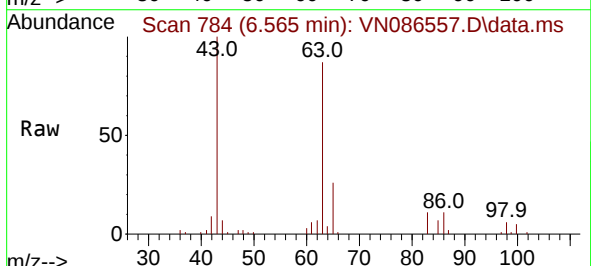
Manual Integrations
 APPROVED

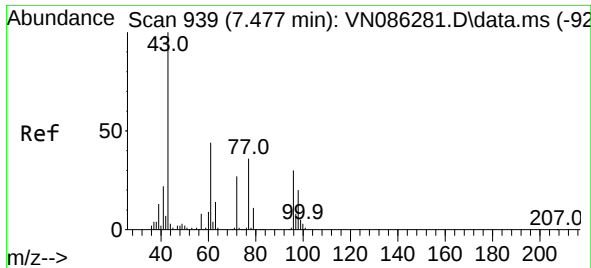
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#24
 1,1-Dichloroethane
 Concen: 17.086 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

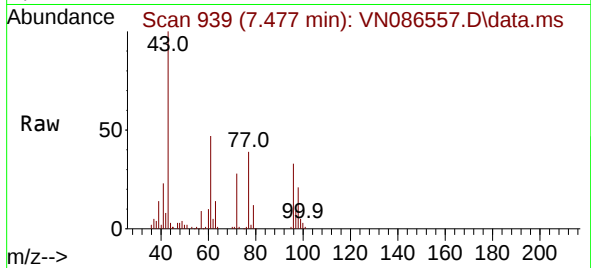
Tgt Ion: 63 Resp: 72385
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 82.534 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

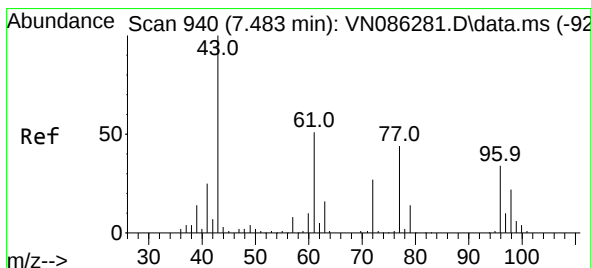
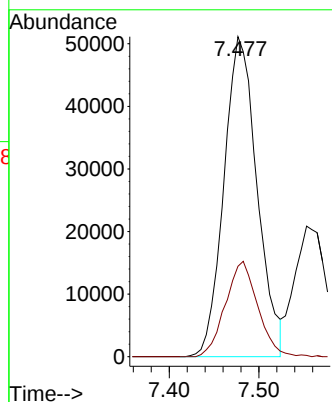
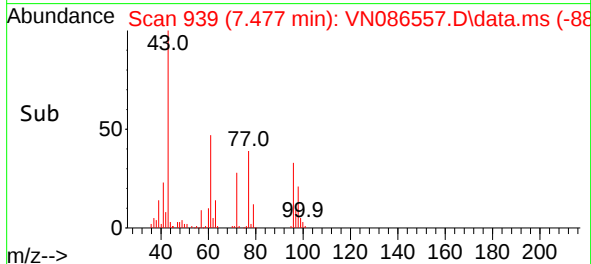
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



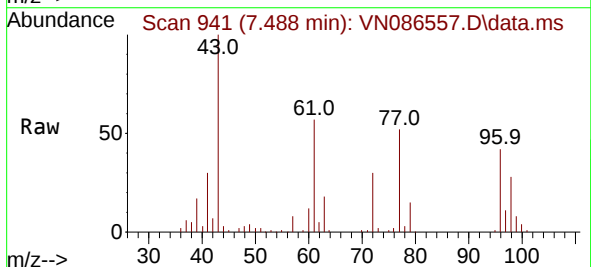
Tgt Ion: 43 Resp: 131412
Ion Ratio Lower Upper
43 100
72 28.2 21.7 32.5

Manual Integrations
APPROVED

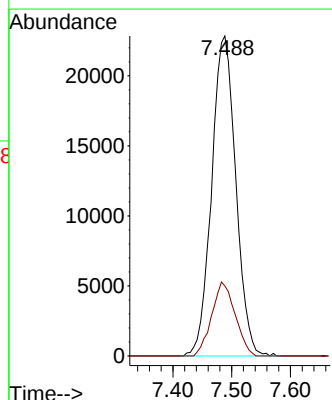
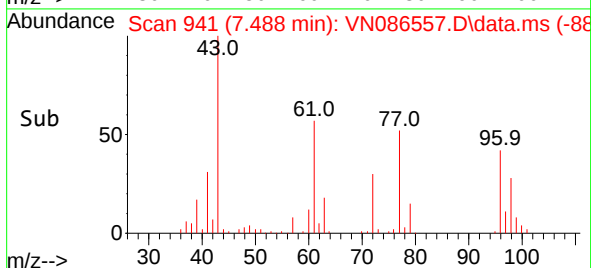
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

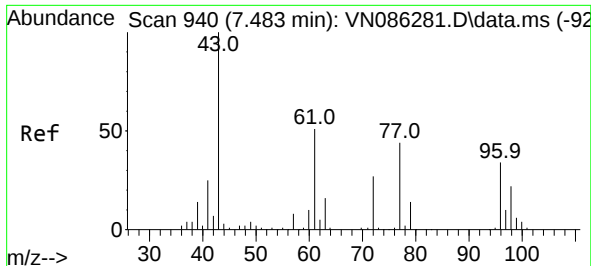


#26
2,2-Dichloropropane
Concen: 17.190 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



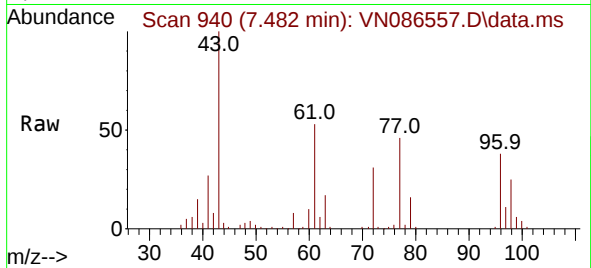
Tgt Ion: 77 Resp: 65202
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.084 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

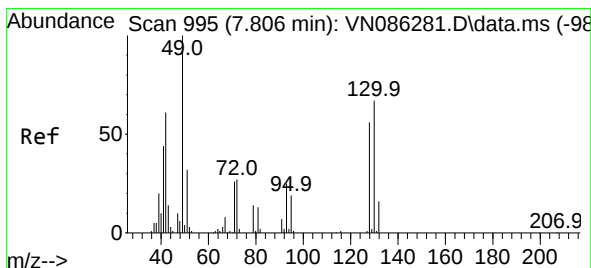
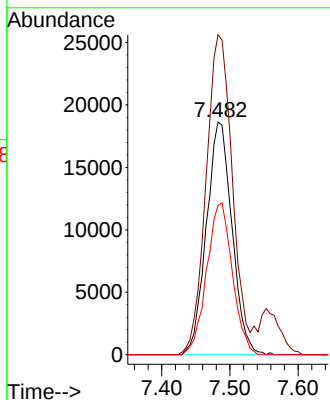
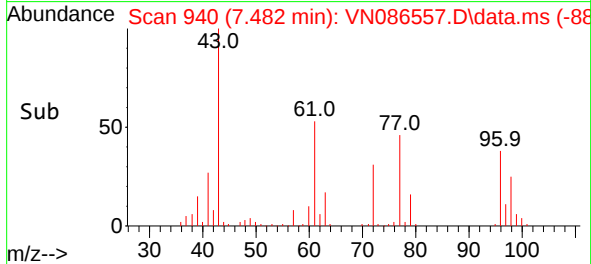
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS02



Tgt Ion: 96 Resp: 48720
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 299.0
 98 65.3 0.0 129.6

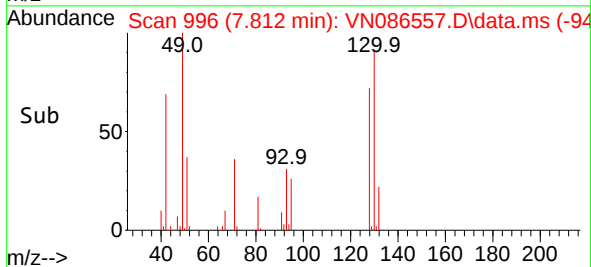
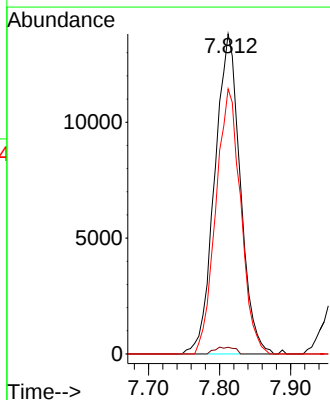
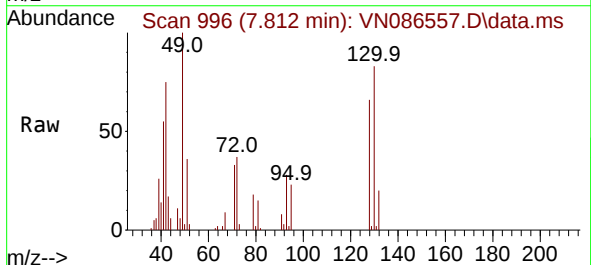
Manual Integrations
 APPROVED

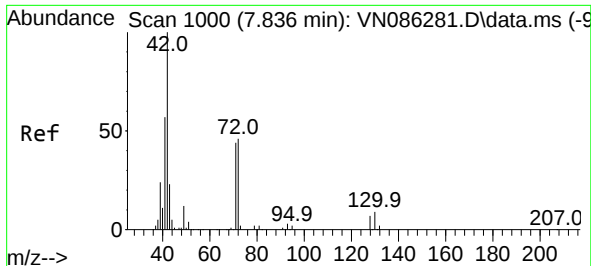
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#28
 Bromochloromethane
 Concen: 19.185 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

Tgt Ion: 49 Resp: 34462
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 80.6 57.1 85.7





#29

Tetrahydrofuran

Concen: 81.562 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

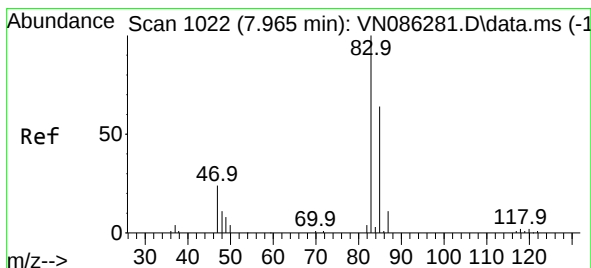
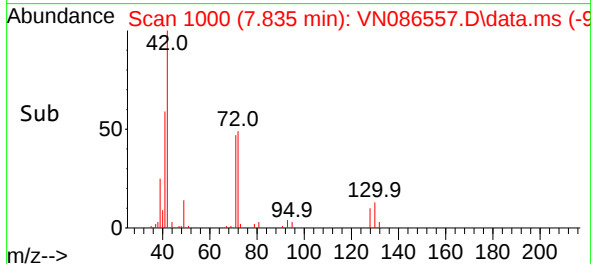
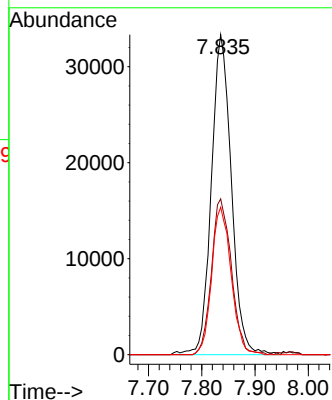
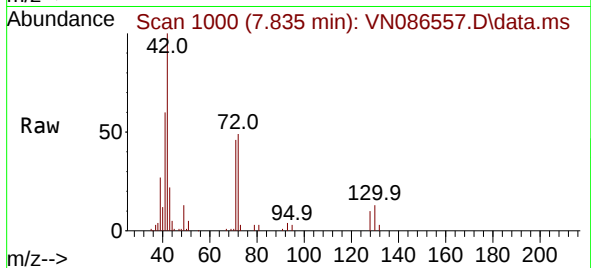
Tgt Ion:	42	Resp:	8684
Ion Ratio	Lower	Upper	
42	100		
72	48.6	36.2	54.4
71	44.9	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#30

Chloroform

Concen: 18.241 ug/l

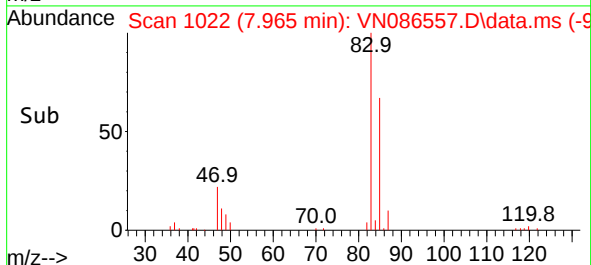
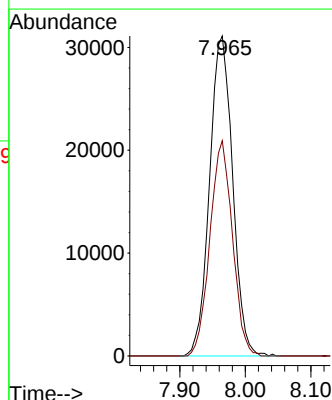
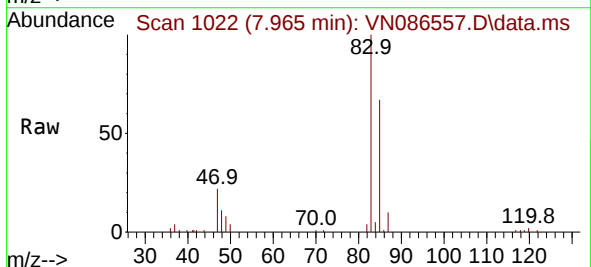
RT: 7.965 min Scan# 1022

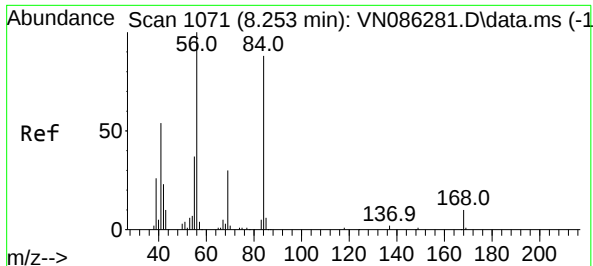
Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

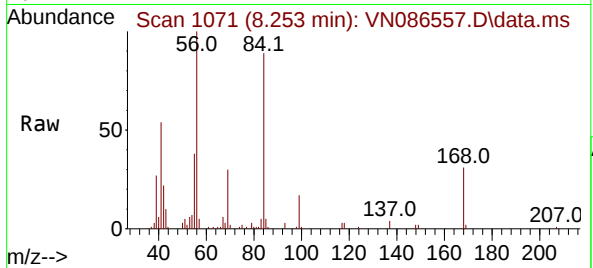
Tgt Ion:	83	Resp:	75911
Ion Ratio	Lower	Upper	
83	100		
85	67.2	51.5	77.3





#31
Cyclohexane
Concen: 15.989 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

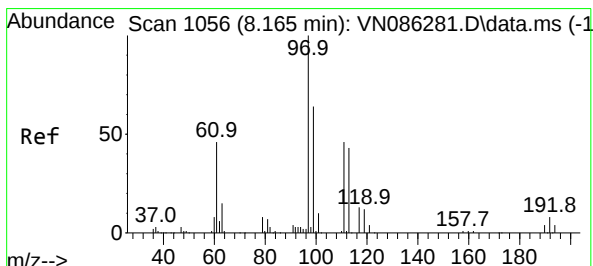
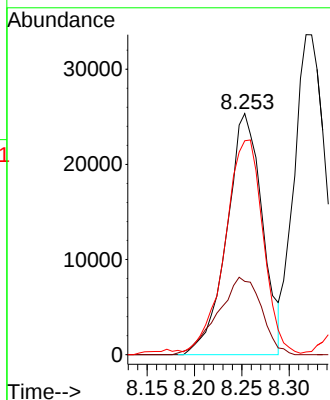
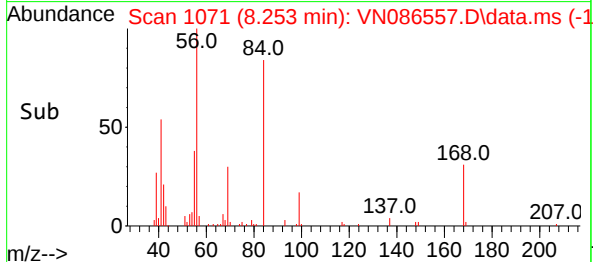
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



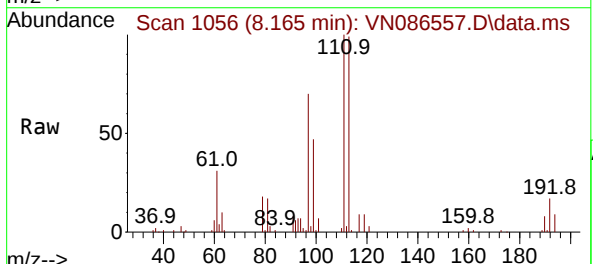
Tgt Ion: 56 Resp: 6628
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.2
84 87.0 70.3 105.5

Manual Integrations
APPROVED

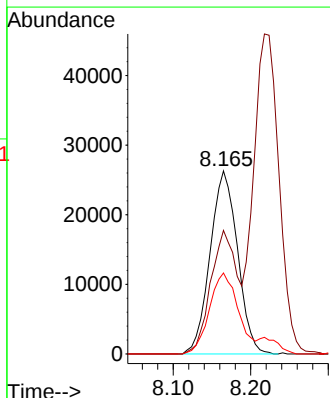
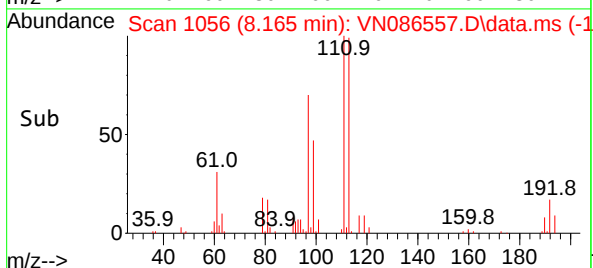
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#32
1,1,1-Trichloroethane
Concen: 18.163 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion: 97 Resp: 64660
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: 47.074 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

Tgt Ion: 65 Resp: 12041

Ion Ratio Lower Upper

65 100

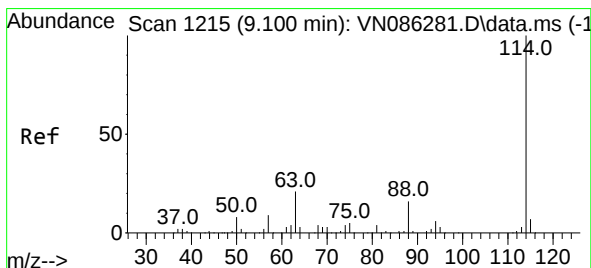
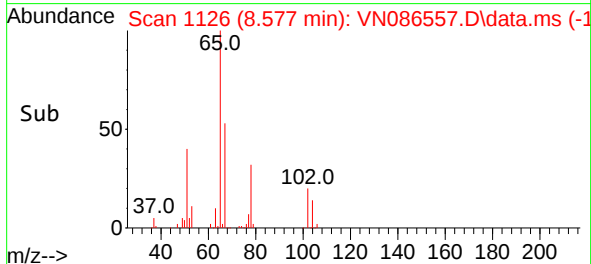
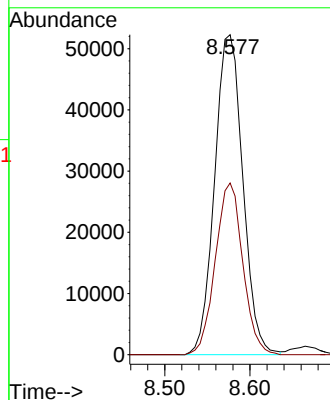
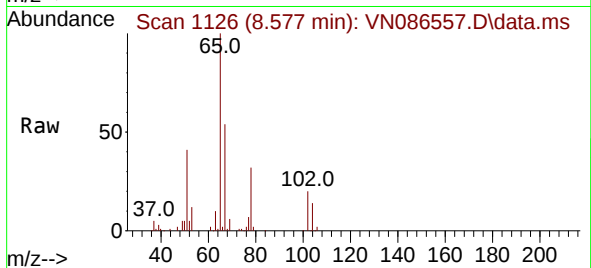
67 52.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

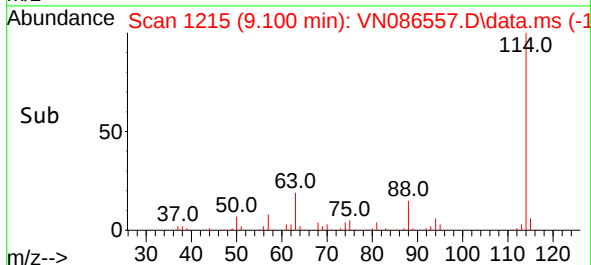
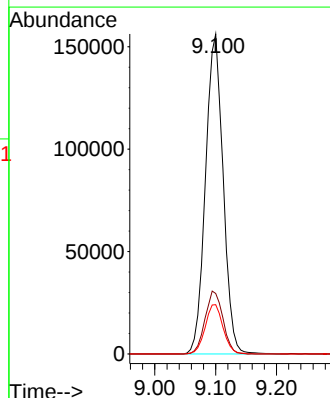
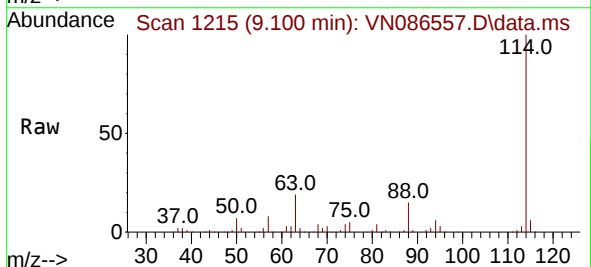
Tgt Ion:114 Resp: 314371

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 61.310 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

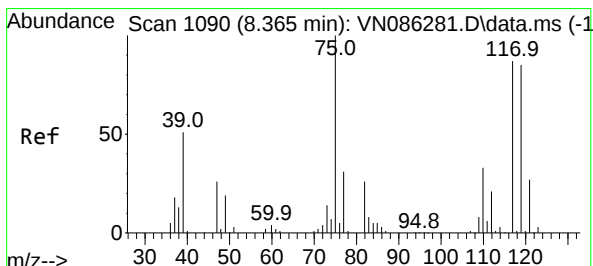
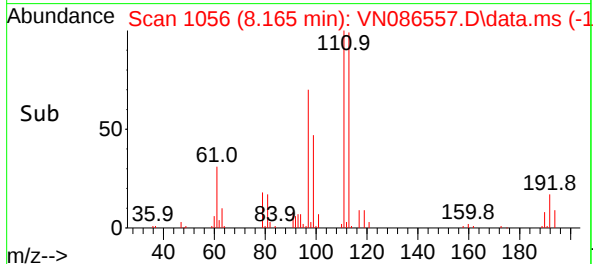
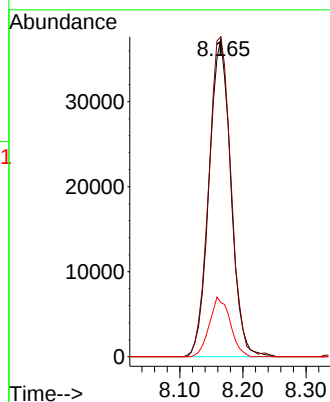
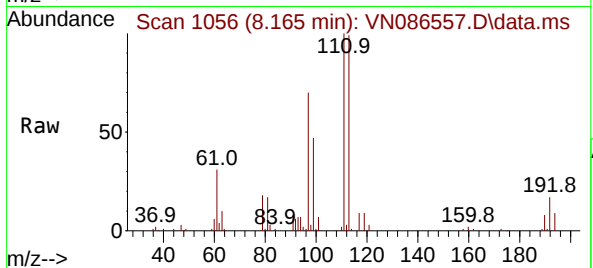
Tgt Ion:	113	Resp:	8945
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.4	125.0
192	17.9	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#36

1,1-Dichloropropene

Concen: 18.309 ug/l

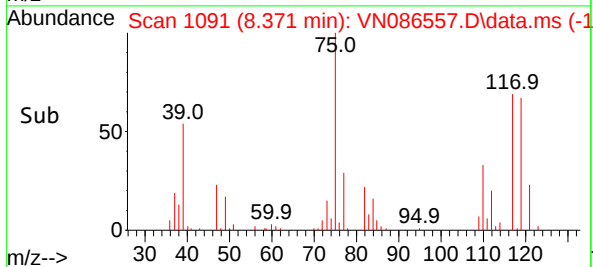
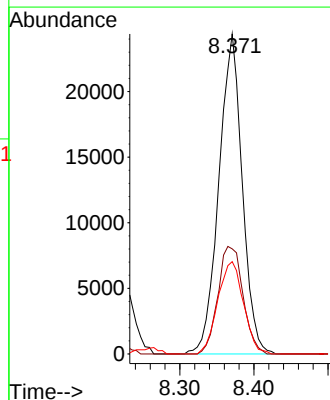
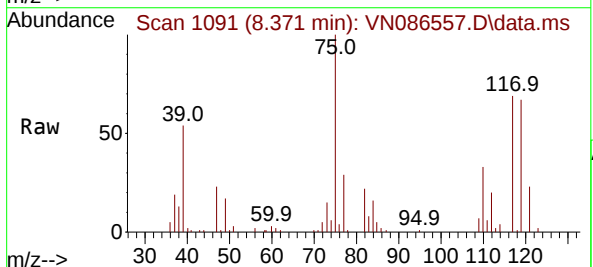
RT: 8.371 min Scan# 1091

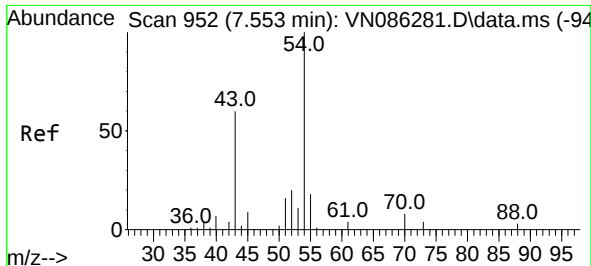
Delta R.T. 0.006 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Tgt Ion:	75	Resp:	53357
Ion Ratio	Lower	Upper	
75	100		
110	36.0	16.8	50.4
77	31.6	24.9	37.3





#37

Ethyl Acetate

Concen: 18.008 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

Tgt Ion: 43 Resp: 55250

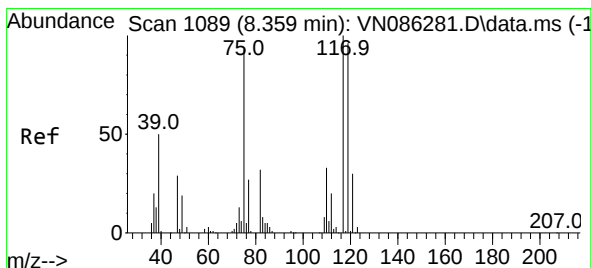
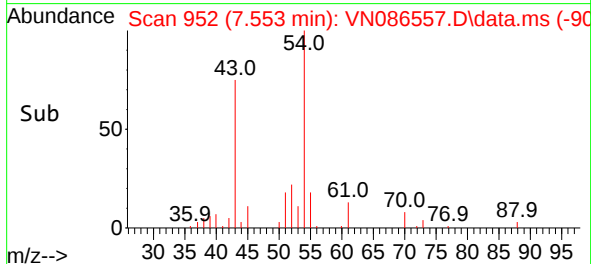
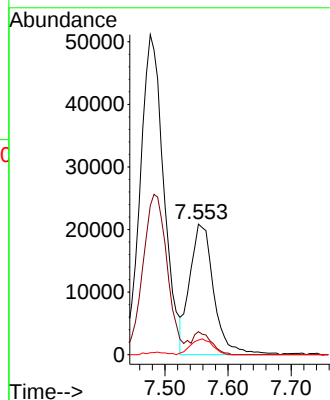
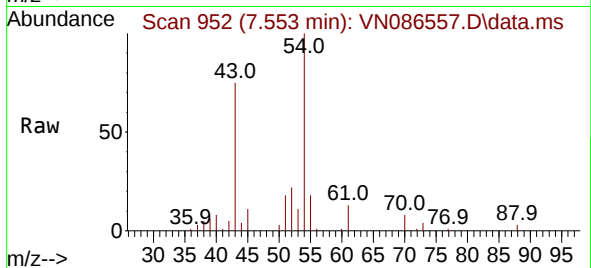
Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.1	16.7
70	11.0	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#38

Carbon Tetrachloride

Concen: 19.658 ug/l

RT: 8.359 min Scan# 1089

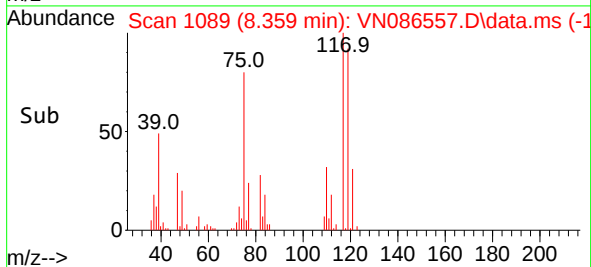
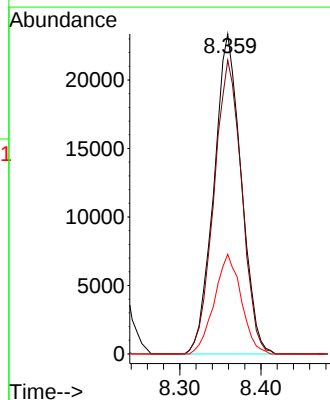
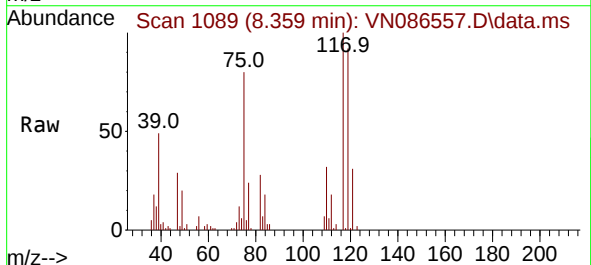
Delta R.T. -0.000 min

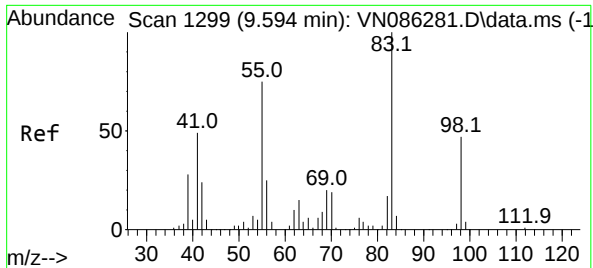
Lab File: VN086557.D

Acq: 09 May 2025 12:57

Tgt Ion:117 Resp: 54557

Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.8	115.2
121	31.1	23.8	35.8





#39

Methylcyclohexane

Concen: 17.846 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

Tgt Ion: 83 Resp: 6181

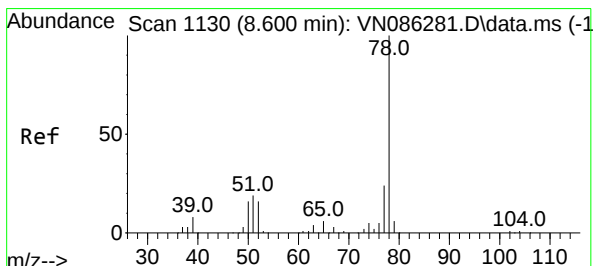
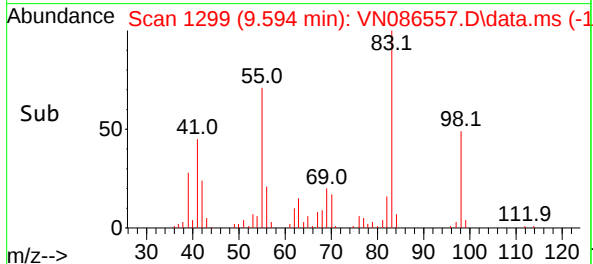
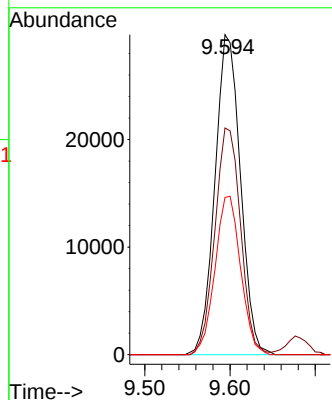
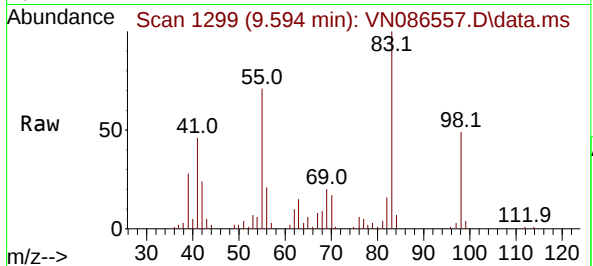
Ion	Ratio	Lower	Upper
83	100		
55	70.9	59.8	89.8
98	49.2	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#40

Benzene

Concen: 18.673 ug/l

RT: 8.600 min Scan# 1130

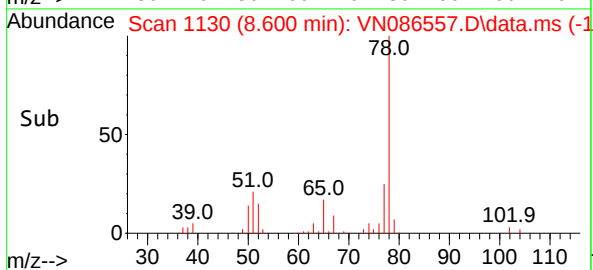
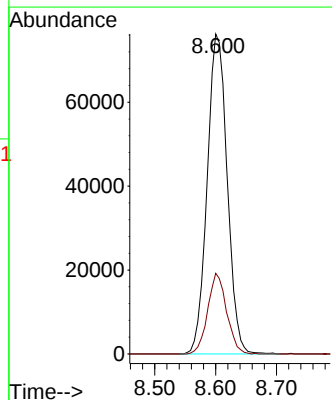
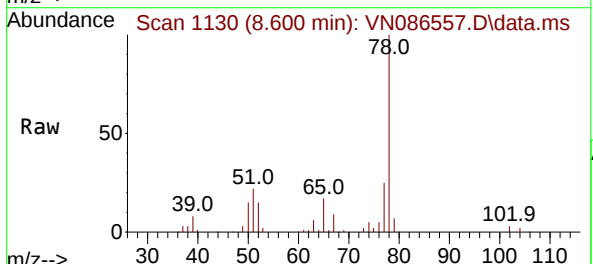
Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Tgt Ion: 78 Resp: 174349

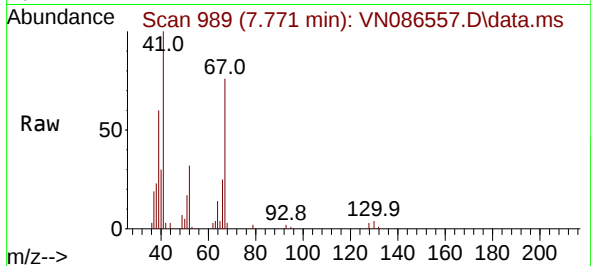
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.4	29.2





#41
Methacrylonitrile
Concen: 16.179 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

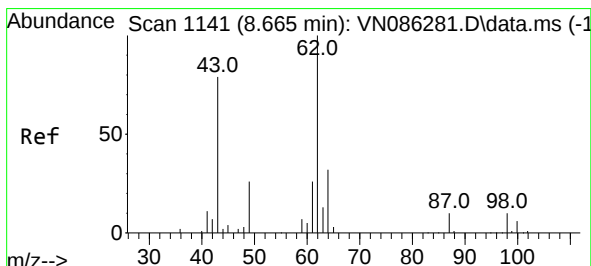
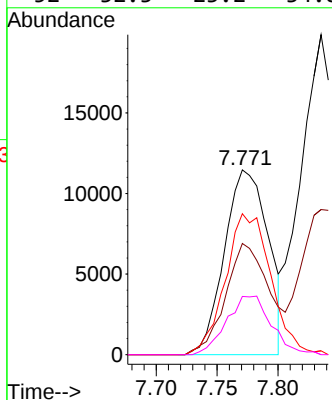
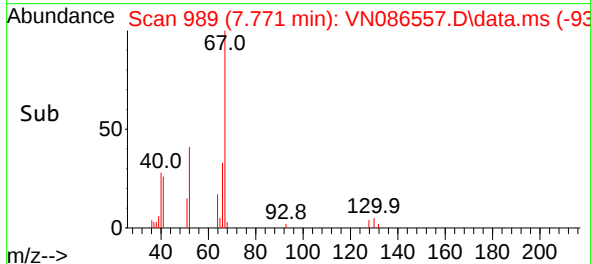
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion:	41	Resp:	2876
Ion Ratio	100	Lower	Upper
39	60.7	43.0	64.4
67	79.2	58.8	88.2
52	32.3	23.2	34.8

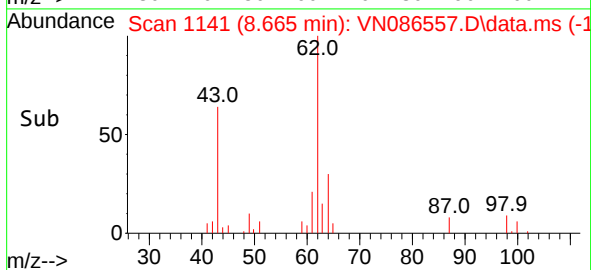
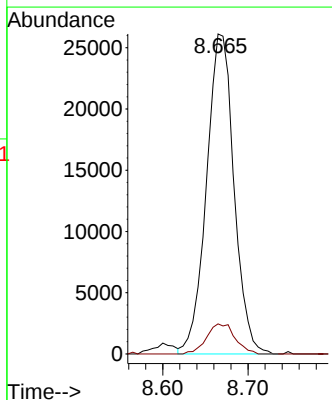
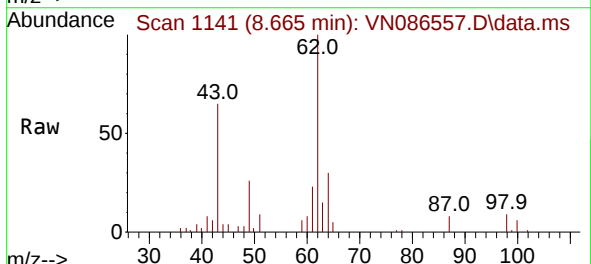
Manual Integrations
APPROVED

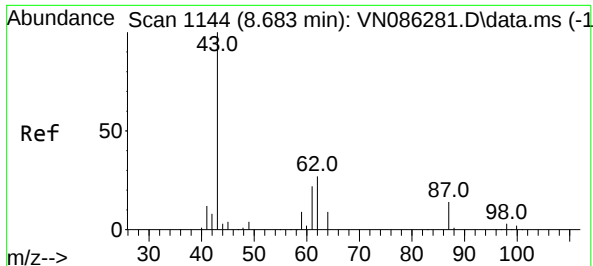
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#42
1,2-Dichloroethane
Concen: 19.663 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

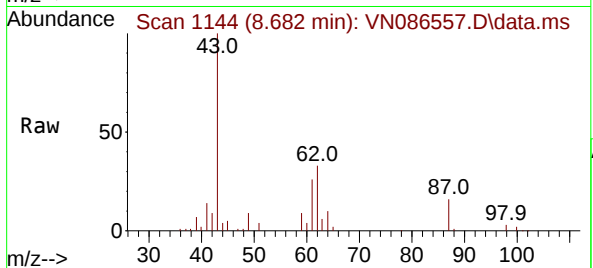
Tgt Ion:	62	Resp:	58546
Ion Ratio	100	Lower	Upper
98	9.8	0.0	19.2





#43
Isopropyl Acetate
Concen: 16.922 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

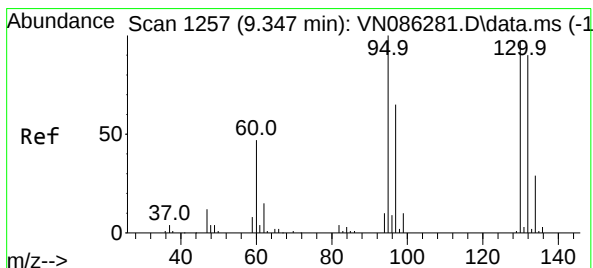
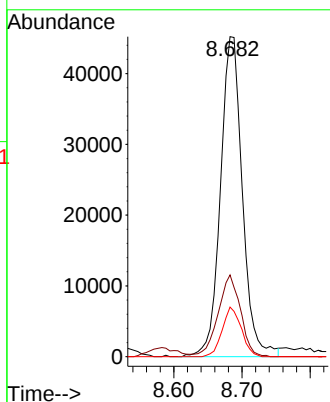
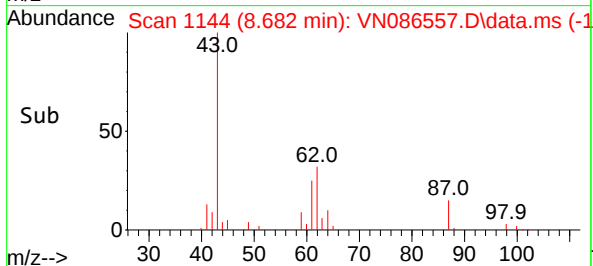
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 43 Resp: 101359
Ion Ratio Lower Upper
43 100
61 26.1 20.5 30.7
87 13.5 10.5 15.7

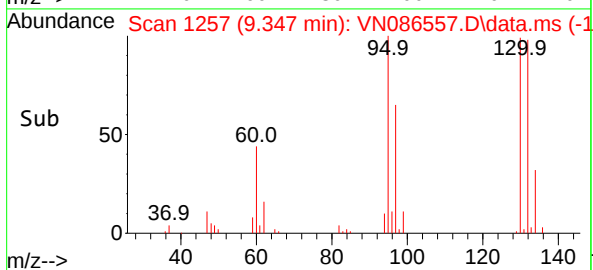
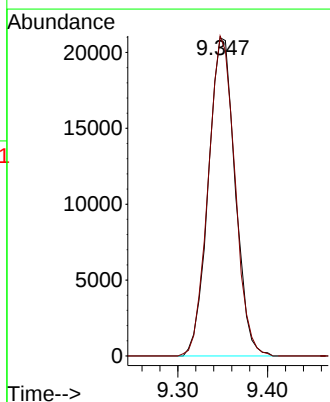
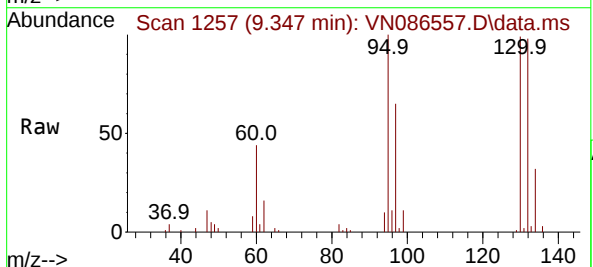
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#44
Trichloroethene
Concen: 19.613 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Tgt Ion:130 Resp: 43403
Ion Ratio Lower Upper
130 100
95 100.5 0.0 207.2





#45

1,2-Dichloropropane

Concen: 18.047 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

Tgt Ion: 63 Resp: 4124

Ion Ratio Lower Upper

63 100

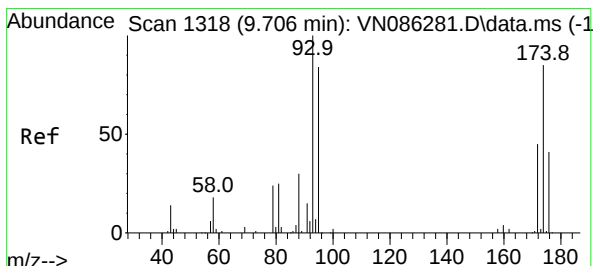
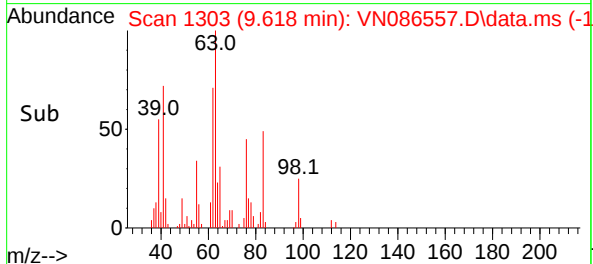
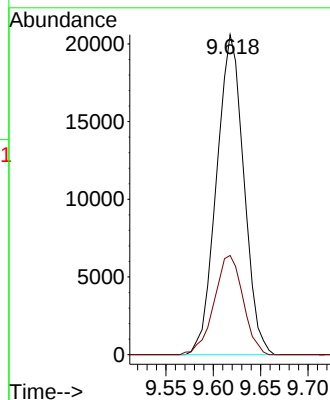
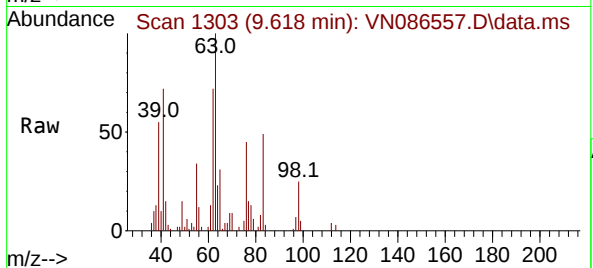
65 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#46

Dibromomethane

Concen: 20.464 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

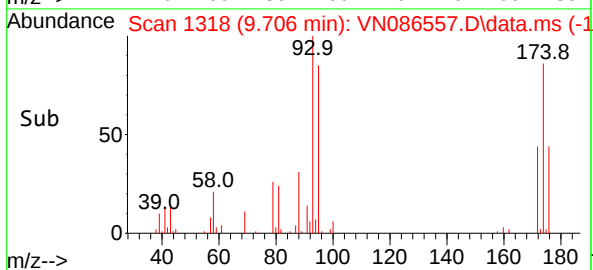
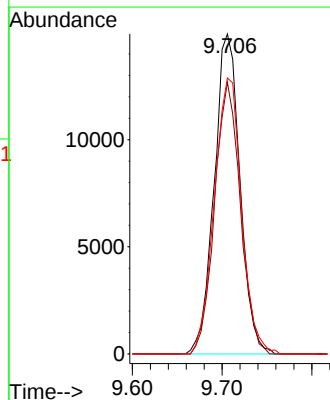
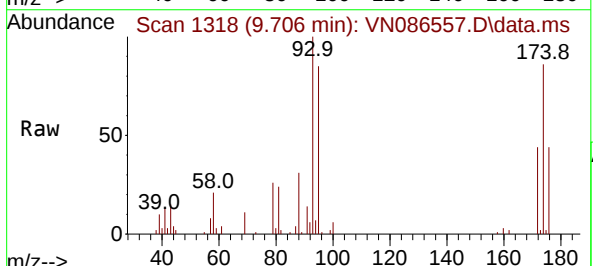
Tgt Ion: 93 Resp: 29800

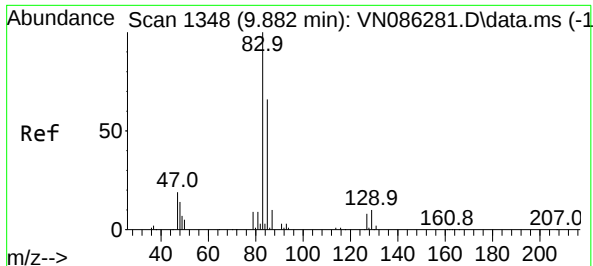
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

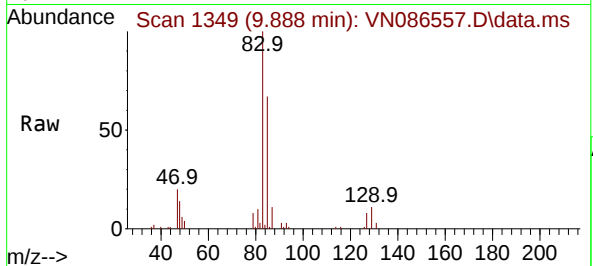
174 91.0 67.8 101.6





#47
Bromodichloromethane
Concen: 19.047 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

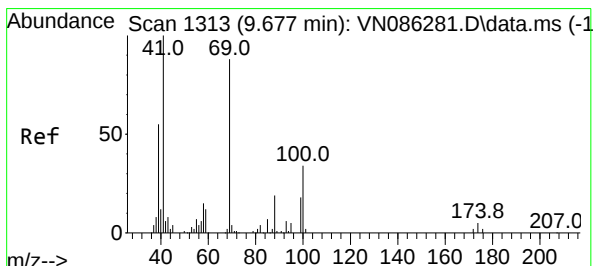
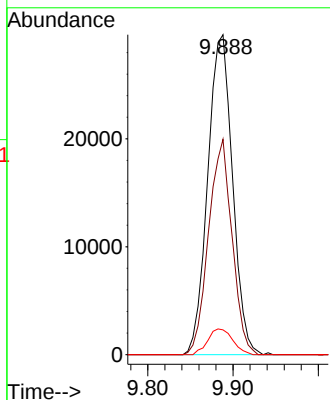
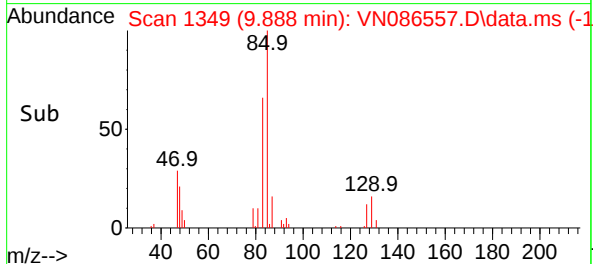
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



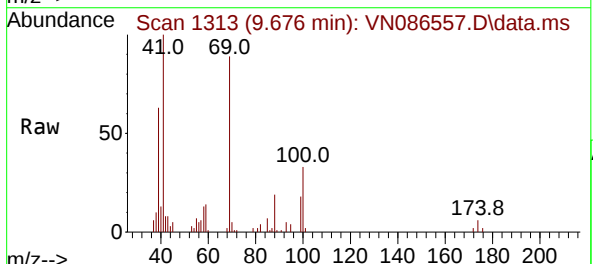
Tgt Ion: 83 Resp: 5990
Ion Ratio Lower Upper
83 100
85 67.3 52.6 78.8
127 7.8 6.1 9.1

Manual Integrations
APPROVED

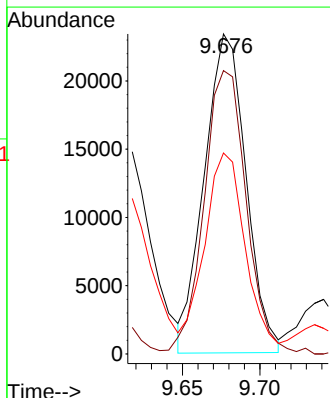
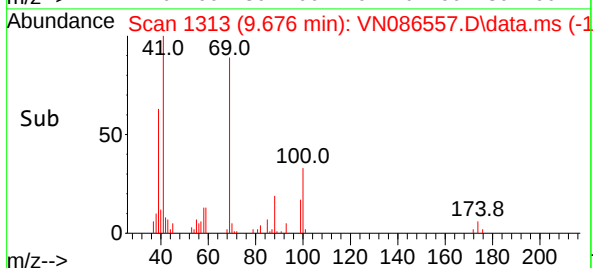
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

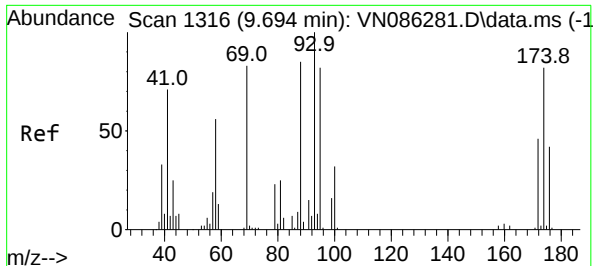


#48
Methyl methacrylate
Concen: 16.183 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion: 41 Resp: 43601
Ion Ratio Lower Upper
41 100
69 90.5 68.2 102.2
39 62.5 45.2 67.8





#49

1,4-Dioxane

Concen: 393.245 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

Tgt Ion: 88 Resp: 1802

Ion Ratio Lower Upper

88 100

43 27.1 23.8 35.8

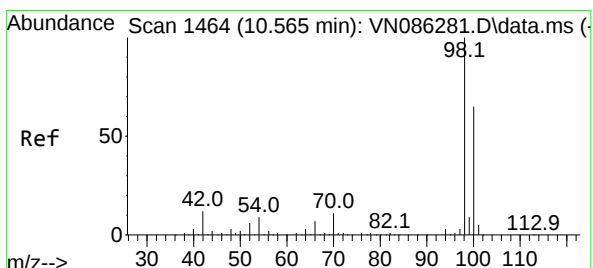
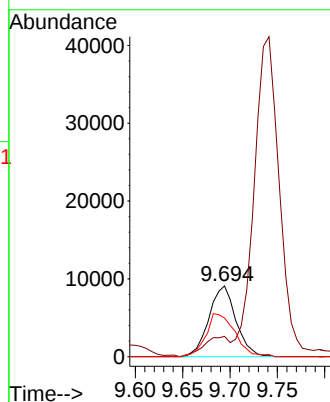
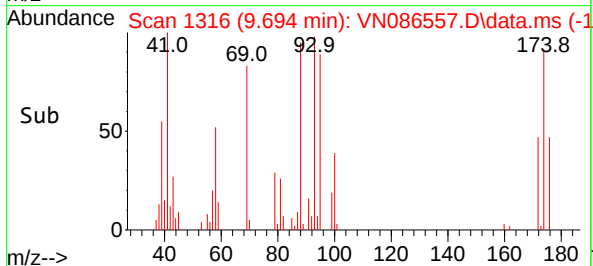
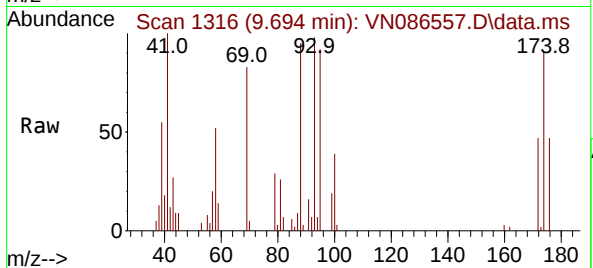
58 65.3 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#50

Toluene-d8

Concen: 46.960 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086557.D

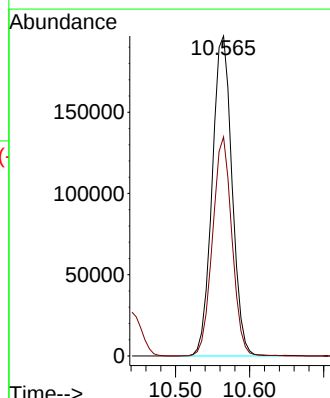
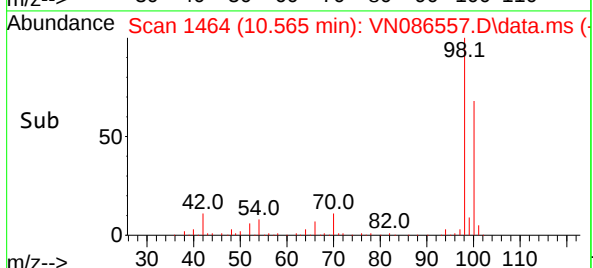
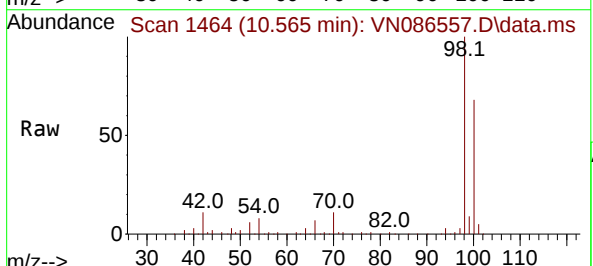
Acq: 09 May 2025 12:57

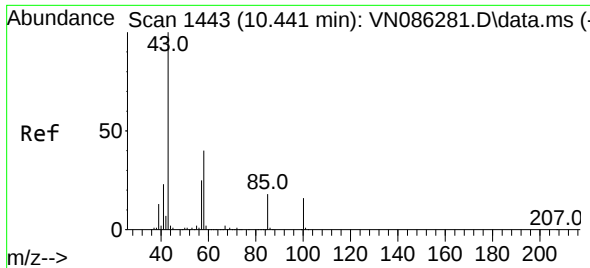
Tgt Ion: 98 Resp: 366182

Ion Ratio Lower Upper

98 100

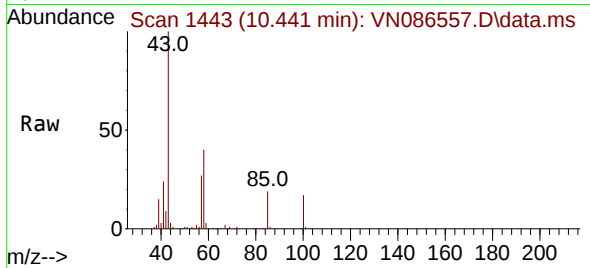
100 66.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 88.144 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

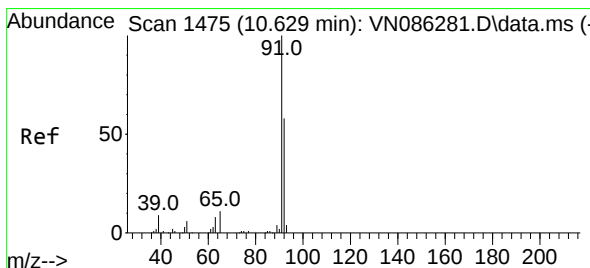
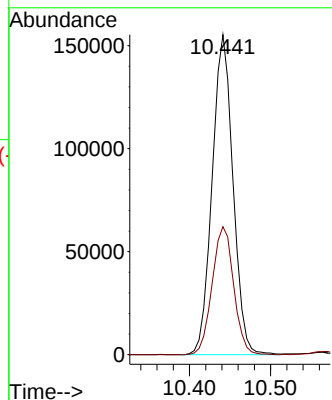
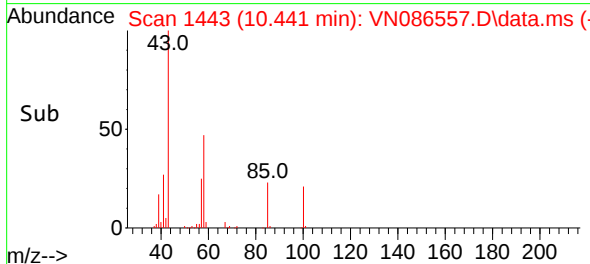
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



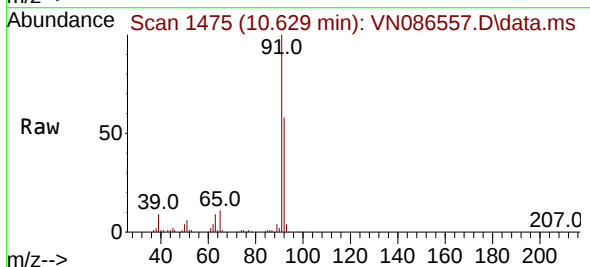
Tgt Ion: 43 Resp: 27692
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4

Manual Integrations
APPROVED

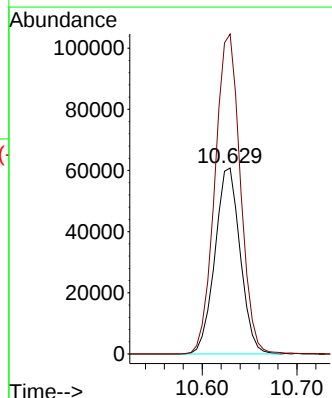
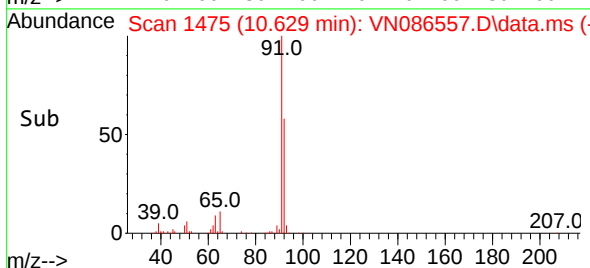
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

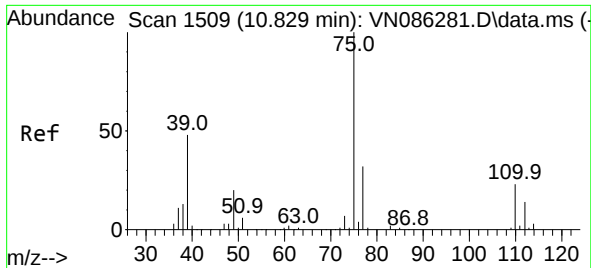


#52
Toluene
Concen: 19.339 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



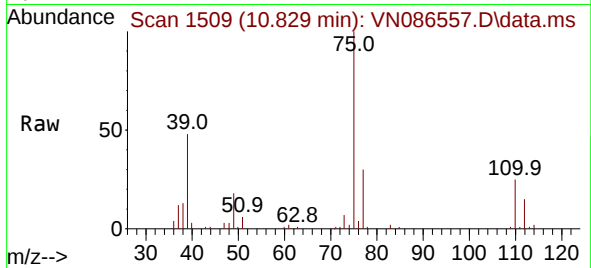
Tgt Ion: 92 Resp: 112667
Ion Ratio Lower Upper
92 100
91 173.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 18.697 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

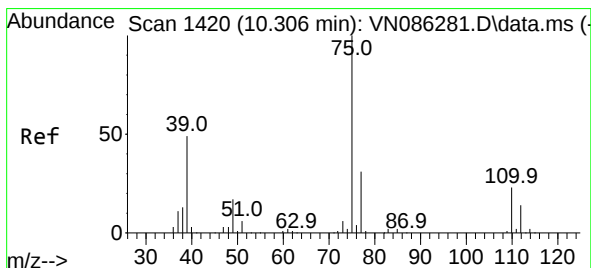
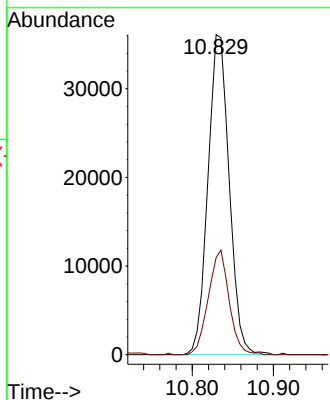
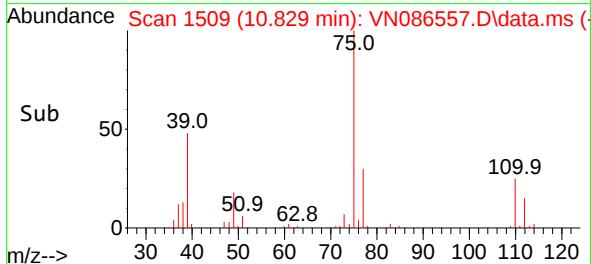
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 75 Resp: 6564
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

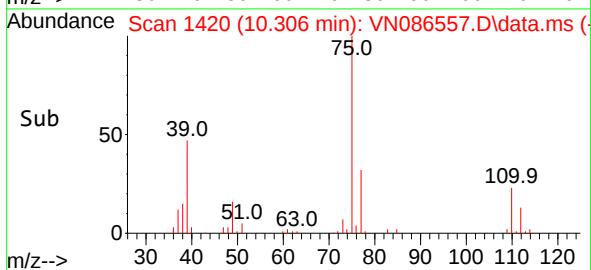
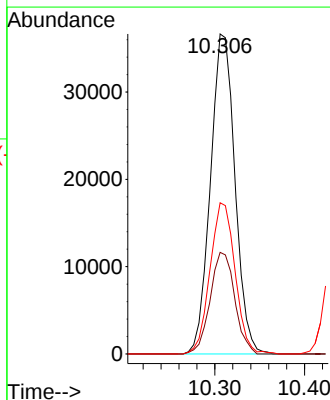
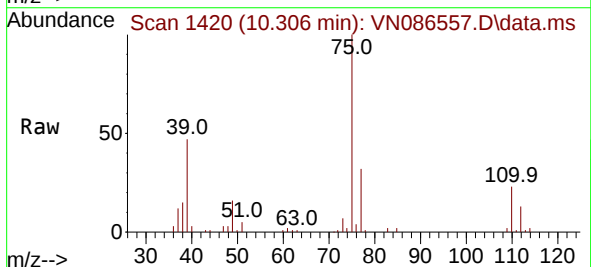
Manual Integrations
APPROVED

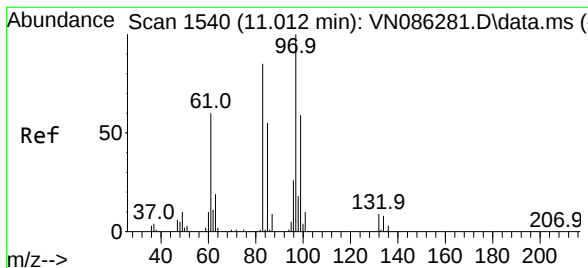
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#54
cis-1,3-Dichloropropene
Concen: 18.053 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

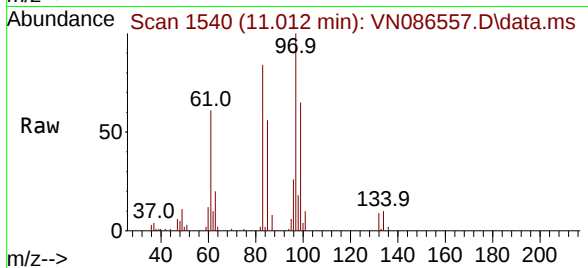
Tgt Ion: 75 Resp: 69616
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 47.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 20.244 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

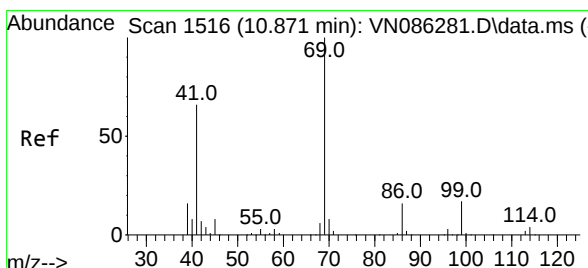
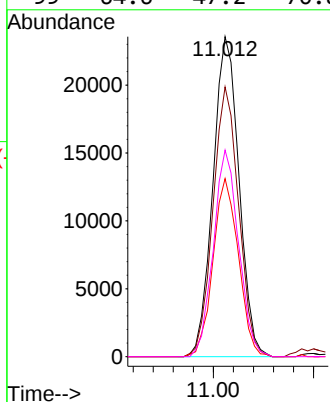
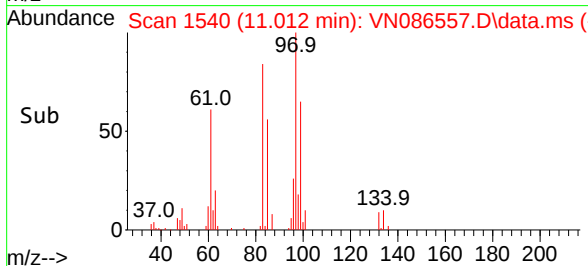
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



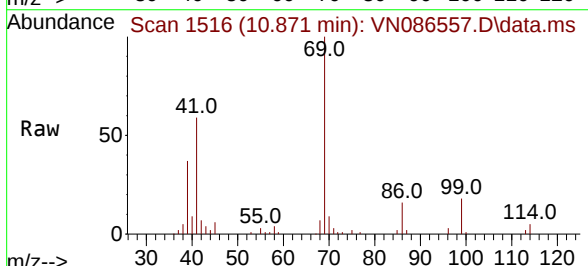
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.4	102.6
85	55.6	43.9	65.9
99	64.6	47.2	70.8

Manual Integrations
APPROVED

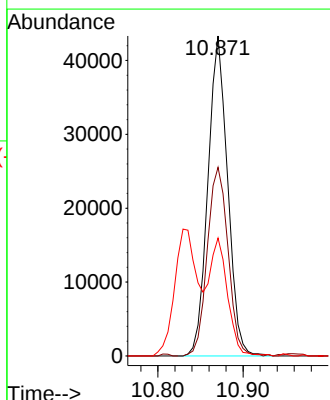
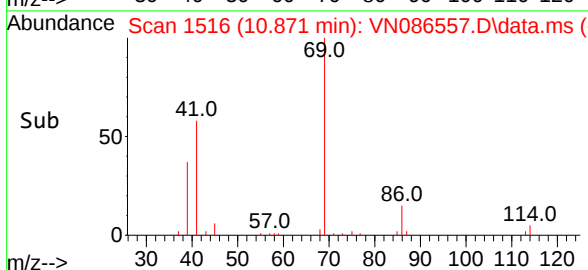
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

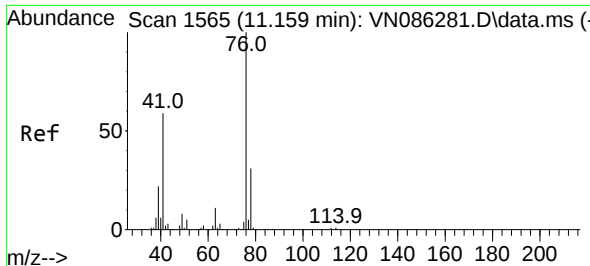


#56
Ethyl methacrylate
Concen: 18.109 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.7	77.5
39	34.2	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.451 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086557.D

Acq: 09 May 2025 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS02

Tgt Ion: 76 Resp: 72338

Ion Ratio Lower Upper

76 100

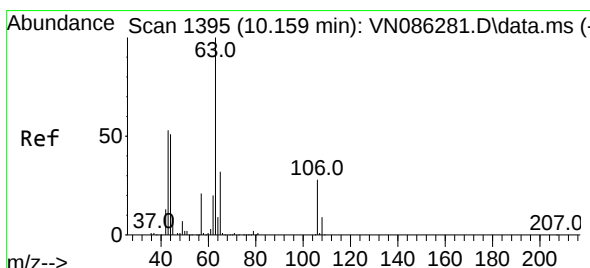
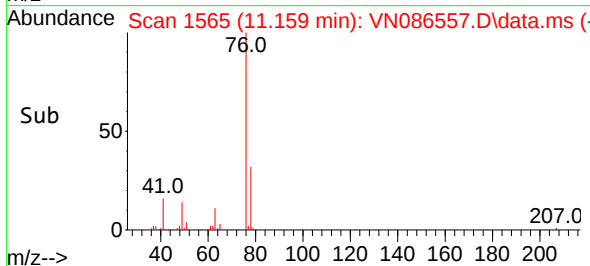
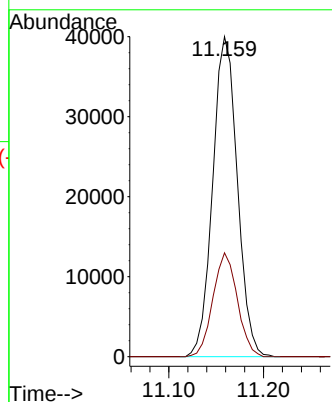
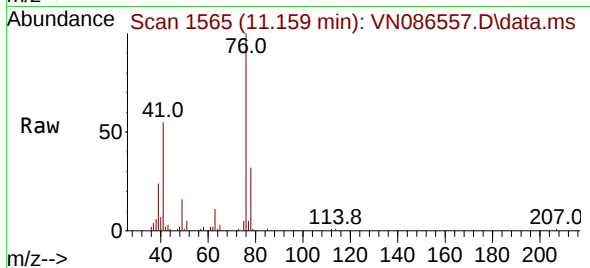
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.782 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086557.D

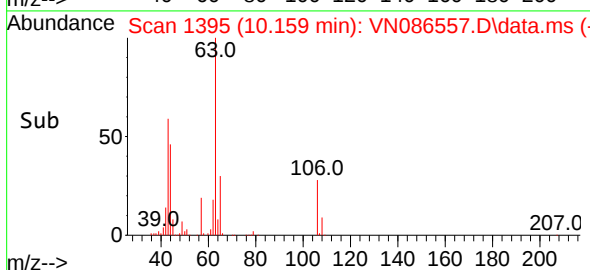
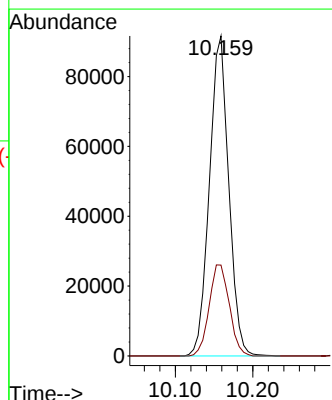
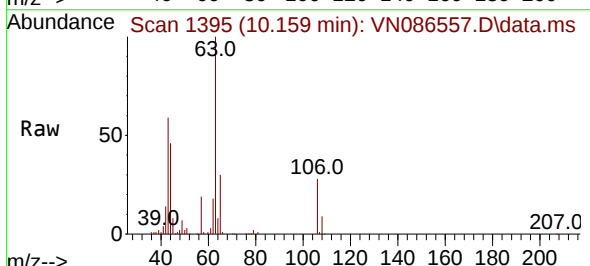
Acq: 09 May 2025 12:57

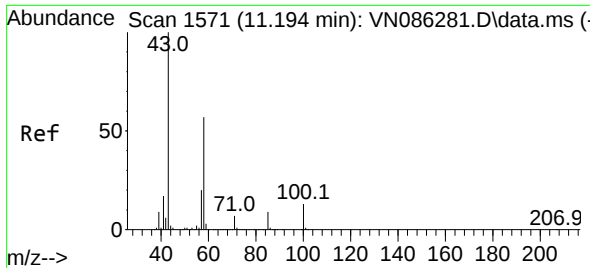
Tgt Ion: 63 Resp: 158705

Ion Ratio Lower Upper

63 100

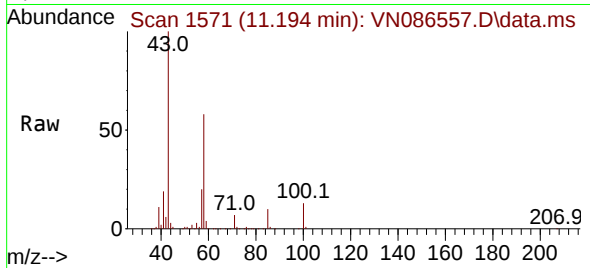
106 29.7 22.2 33.2





#59
2-Hexanone
Concen: 87.232 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

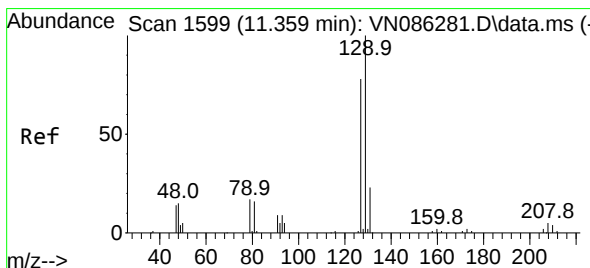
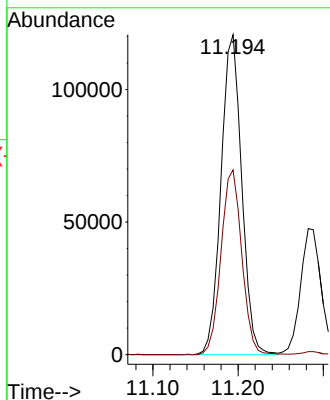
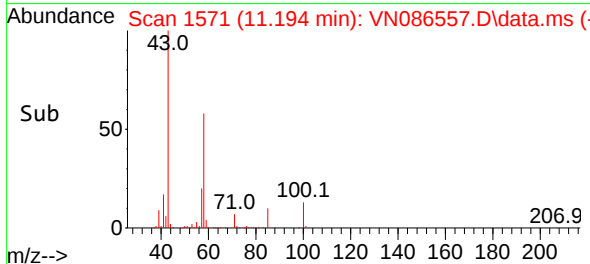
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 43 Resp: 203270
Ion Ratio Lower Upper
43 100
58 57.9 28.3 85.0

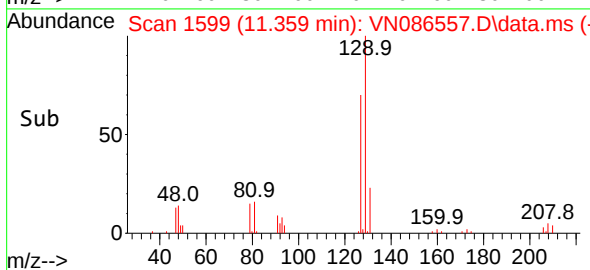
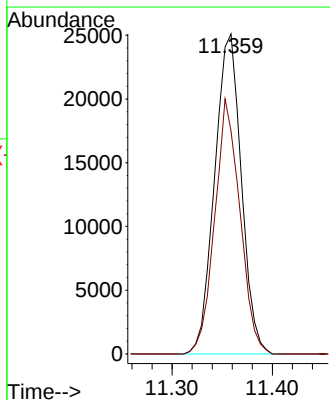
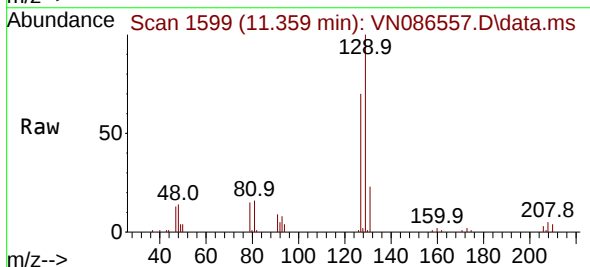
Manual Integrations
APPROVED

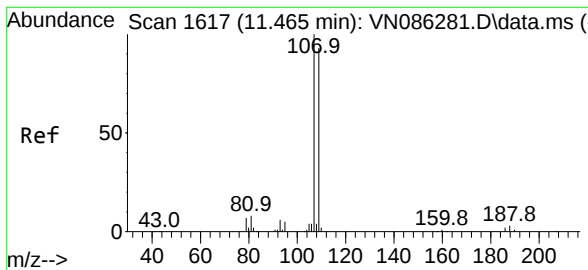
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#60
Dibromochloromethane
Concen: 20.126 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

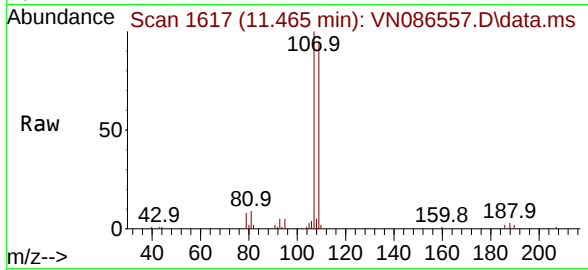
Tgt Ion:129 Resp: 46325
Ion Ratio Lower Upper
129 100
127 75.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.954 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

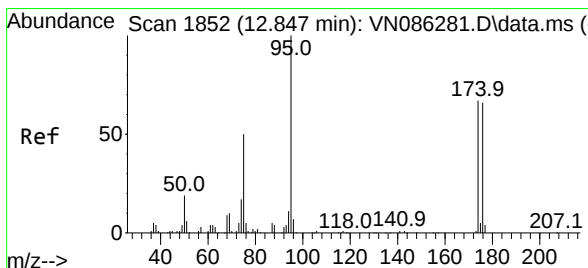
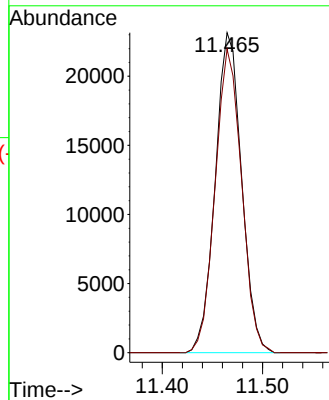
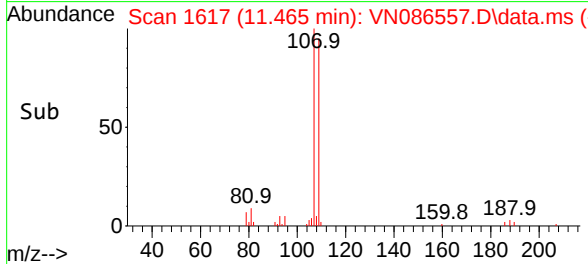
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



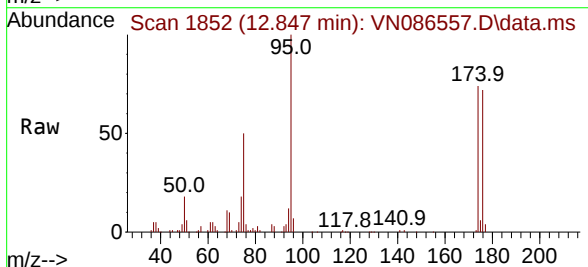
Tgt Ion:107 Resp: 4220
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.0

Manual Integrations
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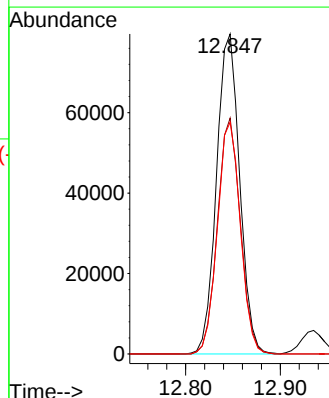
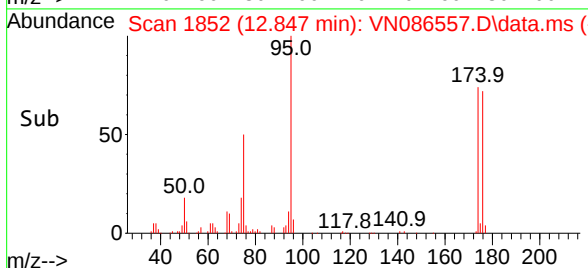
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

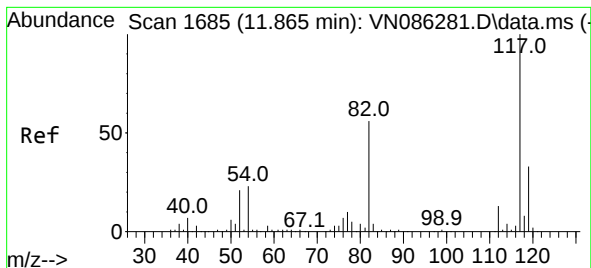


#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



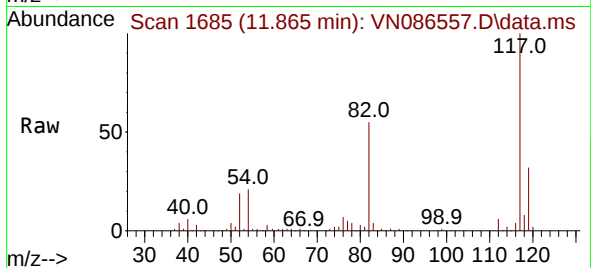
Tgt Ion: 95 Resp: 135313
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 71.6 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

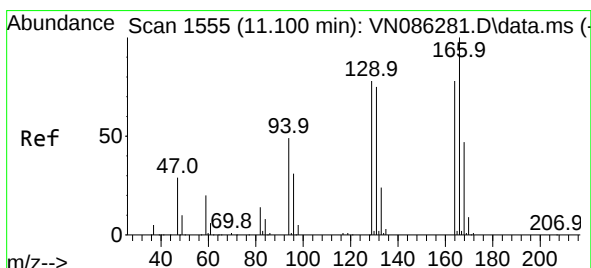
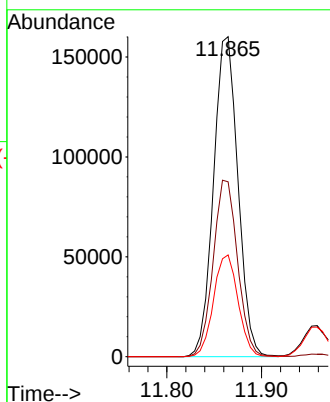
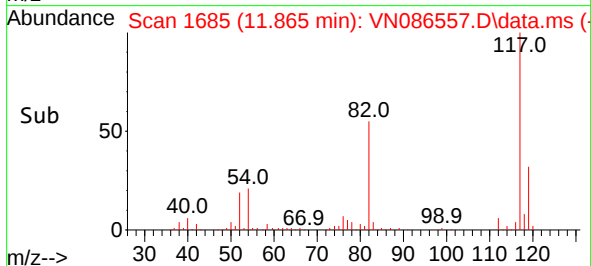
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion:117 Resp: 28714
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 31.8 26.4 39.6

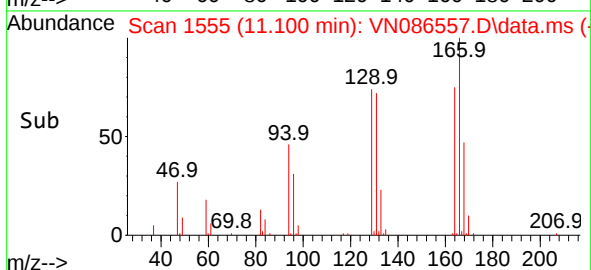
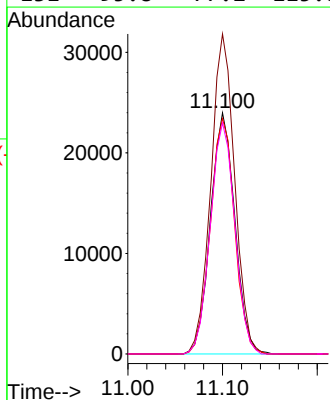
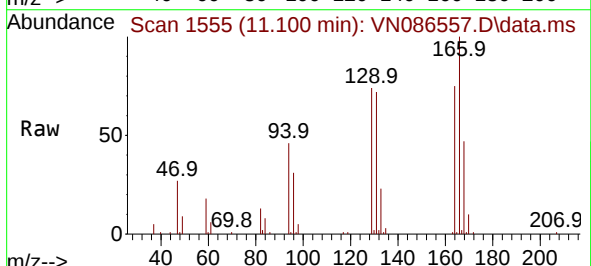
Manual Integrations
APPROVED

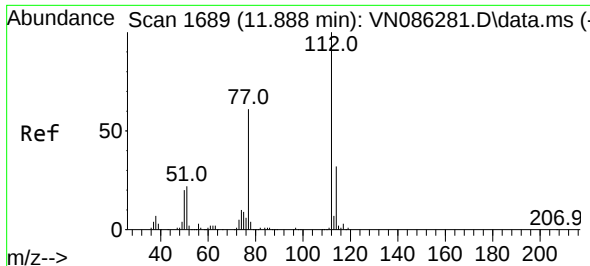
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#64
Tetrachloroethene
Concen: 19.474 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

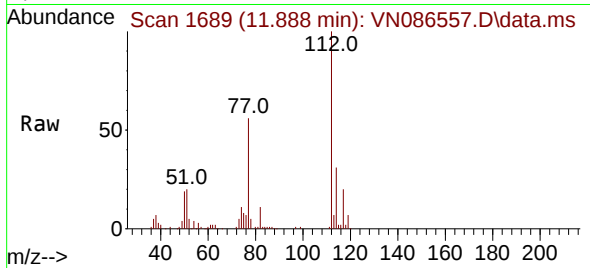
Tgt Ion:164 Resp: 43012
Ion Ratio Lower Upper
164 100
166 132.7 103.0 154.4
129 97.6 80.1 120.1
131 95.8 77.2 115.8





#65
Chlorobenzene
Concen: 19.639 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

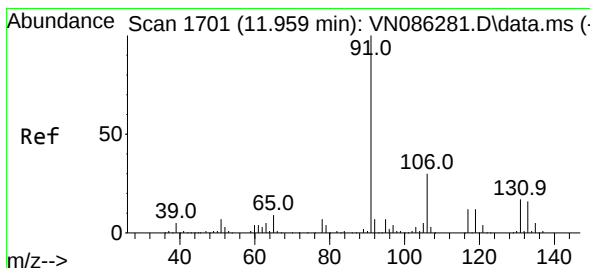
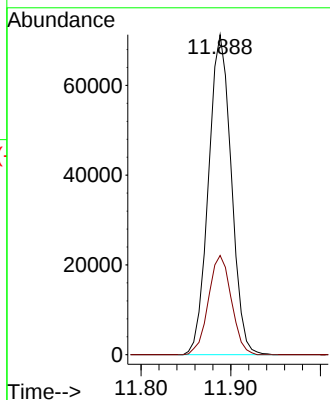
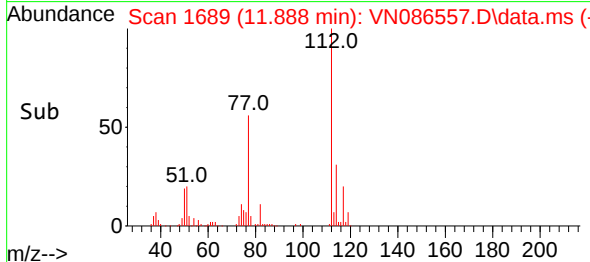
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



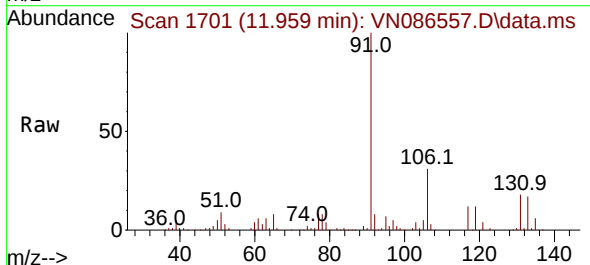
Tgt Ion:112 Resp: 12584
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

Manual Integrations
APPROVED

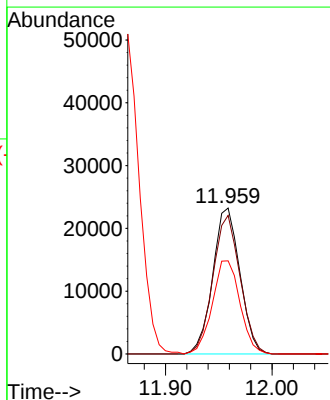
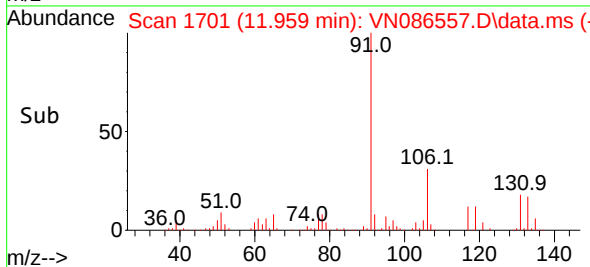
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

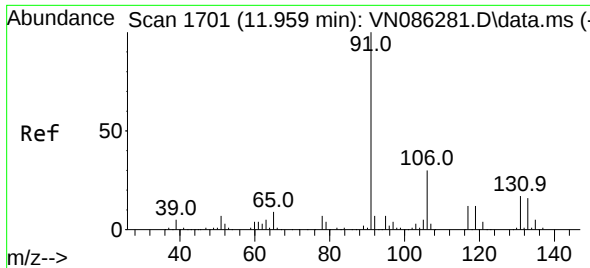


#66
1,1,1,2-Tetrachloroethane
Concen: 19.436 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



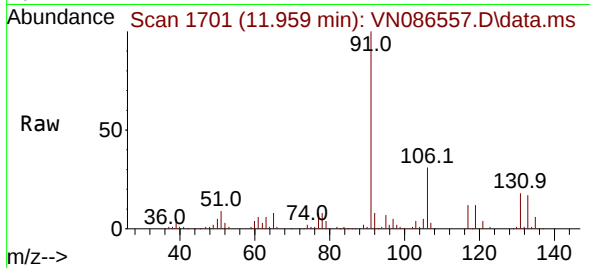
Tgt Ion:131 Resp: 41088
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 65.2 33.8 101.4





#67
Ethyl Benzene
Concen: 18.346 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

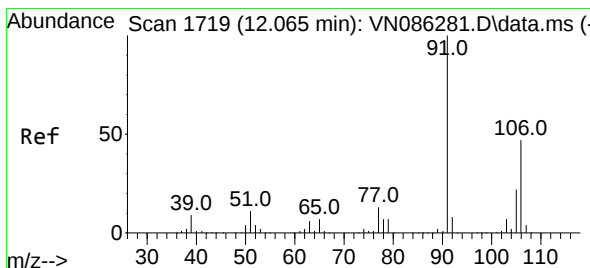
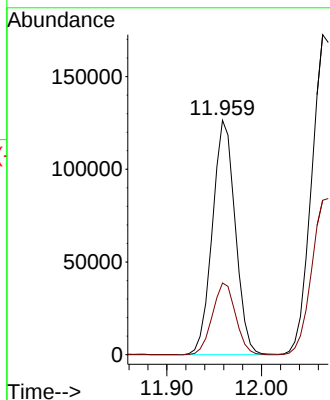
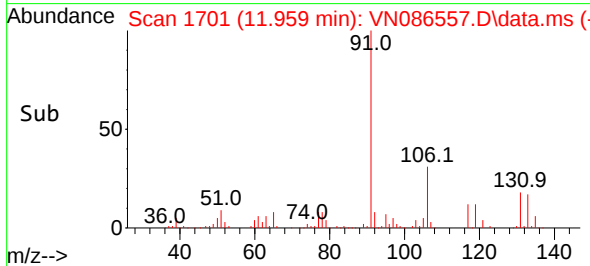
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



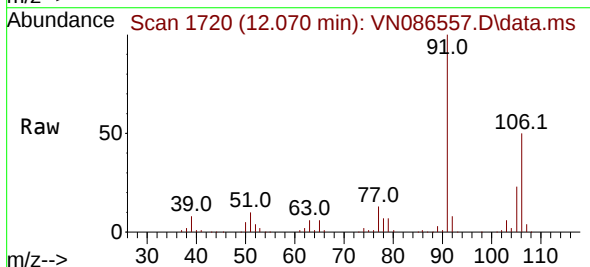
Tgt Ion: 91 Resp: 212145
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

Manual Integrations
APPROVED

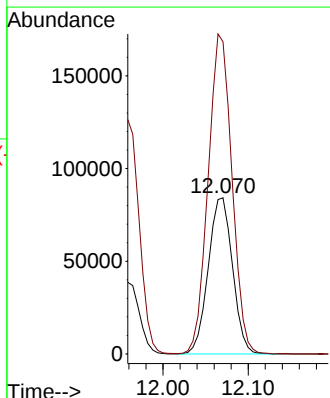
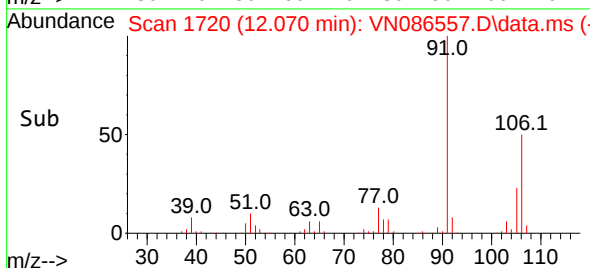
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

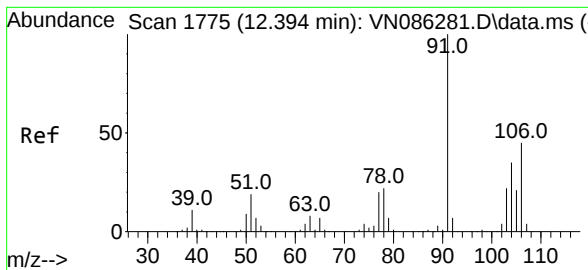


#68
m/p-Xylenes
Concen: 38.457 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion:106 Resp: 166628
Ion Ratio Lower Upper
106 100
91 201.4 166.5 249.7





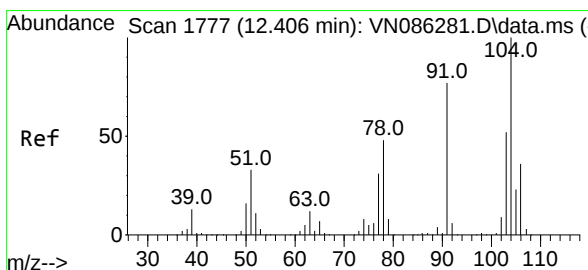
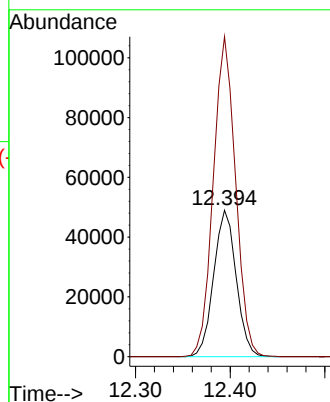
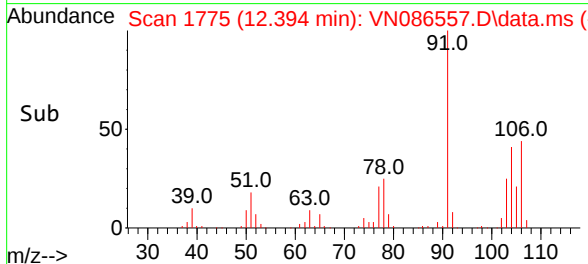
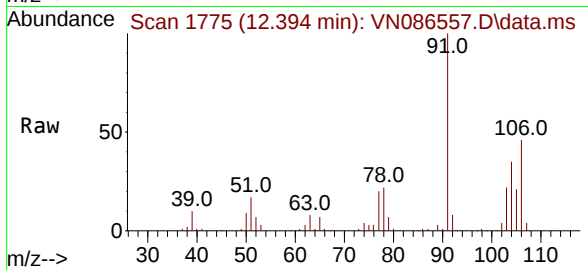
#69
o-Xylene
Concen: 18.902 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02

Tgt Ion:106 Resp: 80992
Ion Ratio Lower Upper
106 100
91 216.4 109.7 329.0

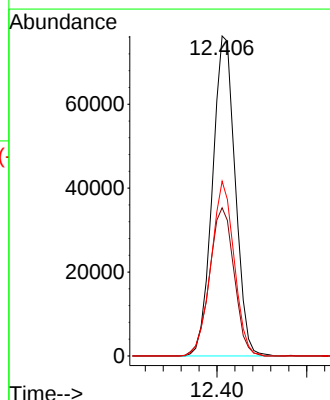
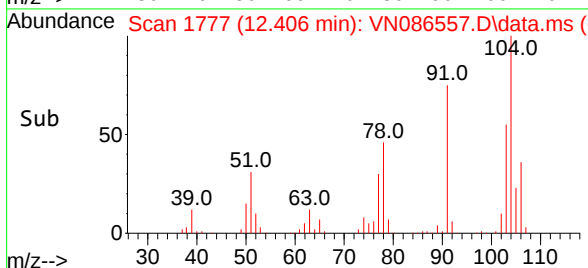
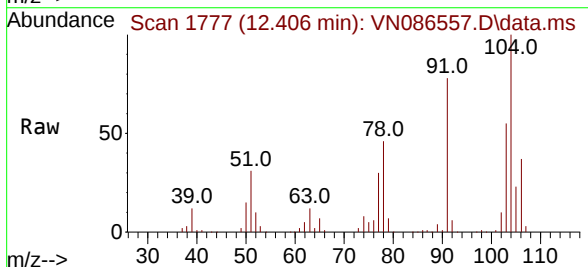
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#70
Styrene
Concen: 18.785 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

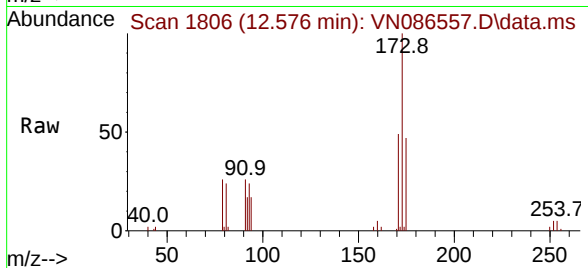
Tgt Ion:104 Resp: 134117
Ion Ratio Lower Upper
104 100
78 50.0 40.6 61.0
103 55.4 43.6 65.4





#71
Bromoform
Concen: 18.744 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

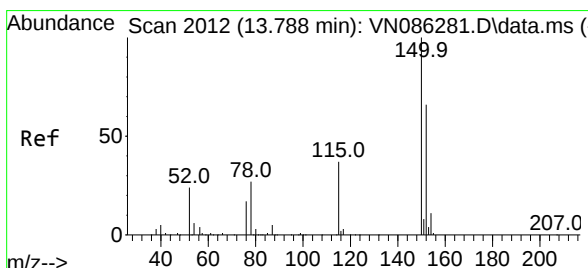
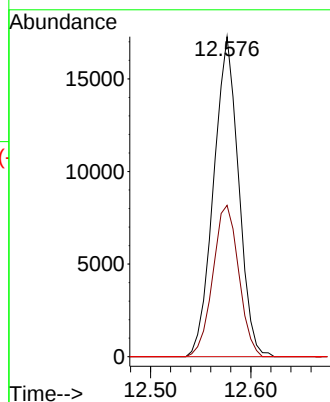
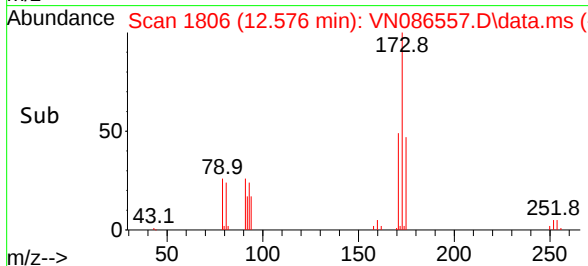
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



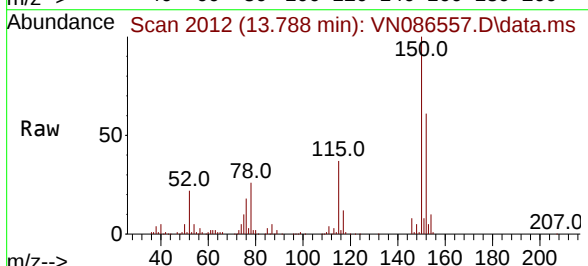
Tgt Ion:173 Resp: 29834
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

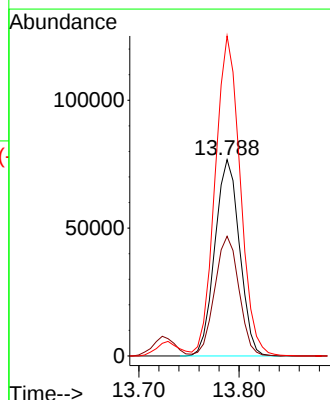
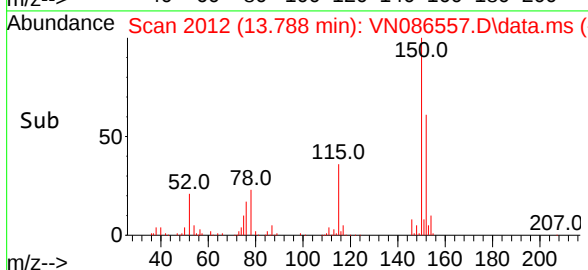
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

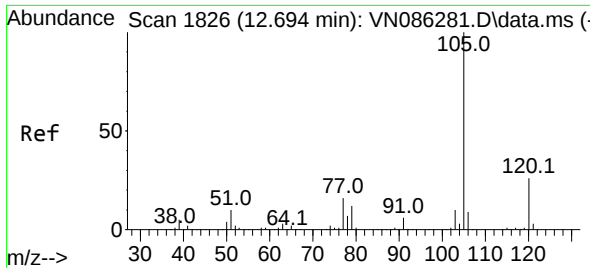


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion:152 Resp: 130698
Ion Ratio Lower Upper
152 100
115 60.1 31.9 95.9
150 166.1 0.0 352.0





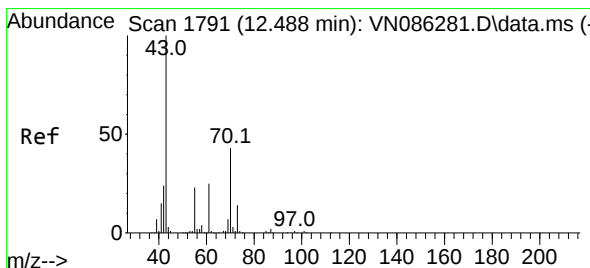
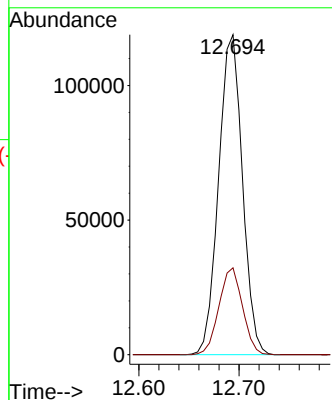
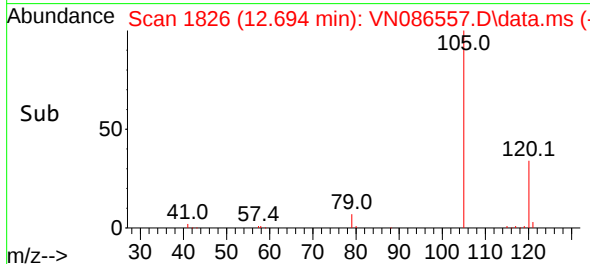
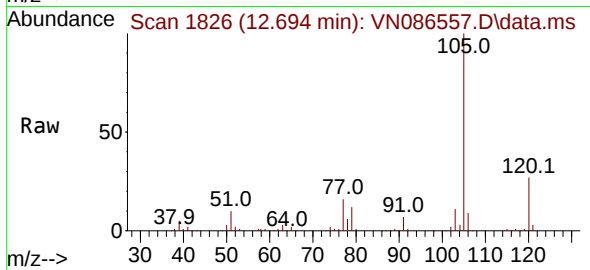
#73
Isopropylbenzene
Concen: 18.318 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02

Tgt Ion:105 Resp: 19584
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3

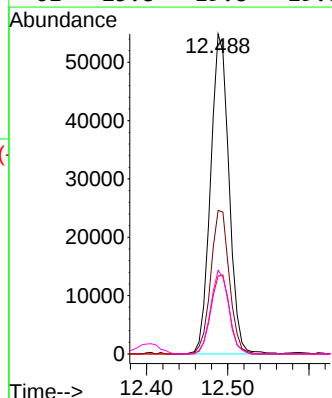
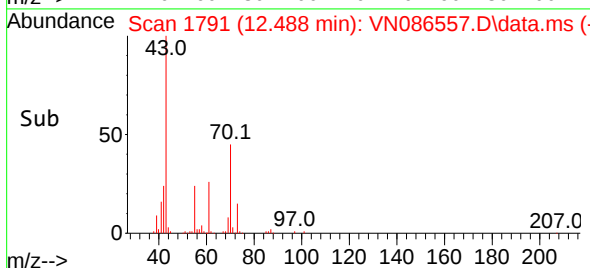
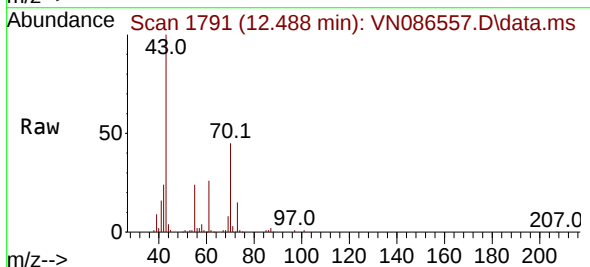
Manual Integrations
APPROVED

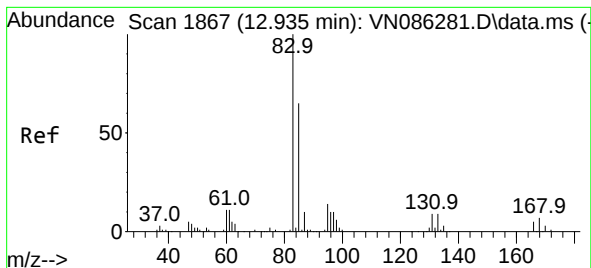
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#74
N-ethyl acetate
Concen: 16.206 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

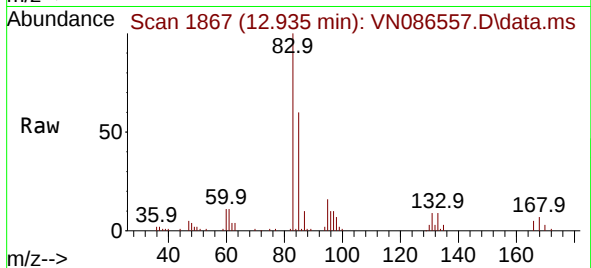
Tgt Ion: 43 Resp: 86254
Ion Ratio Lower Upper
43 100
70 45.3 35.0 52.4
55 25.1 19.0 28.4
61 25.8 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.435 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

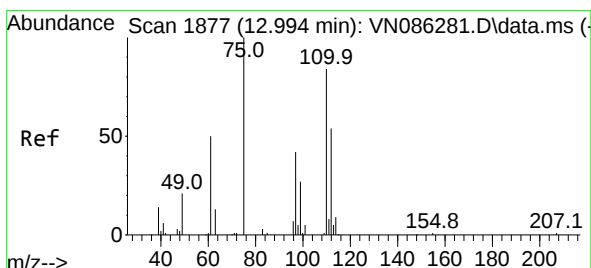
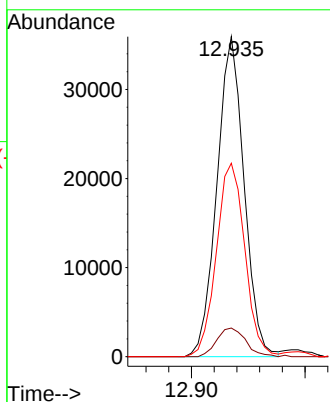
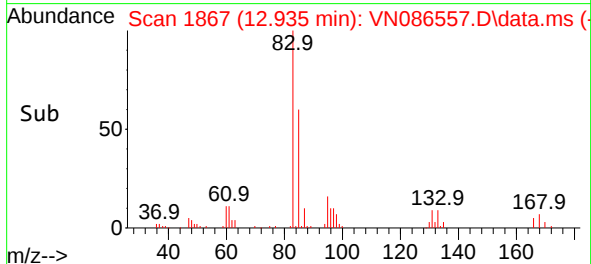
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



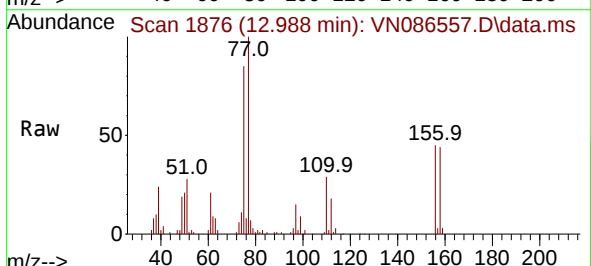
Tgt Ion: 83 Resp: 5974
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 63.1 32.7 98.1

Manual Integrations
APPROVED

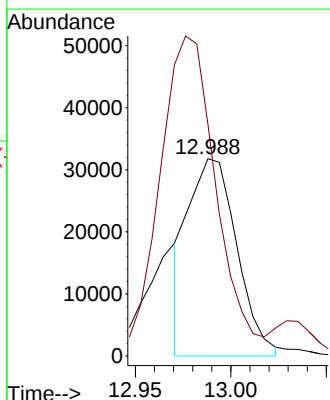
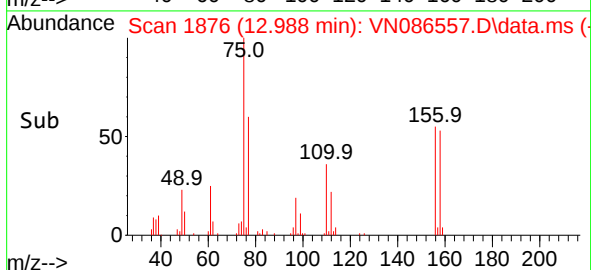
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#76
1,2,3-Trichloropropane
Concen: 18.342 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



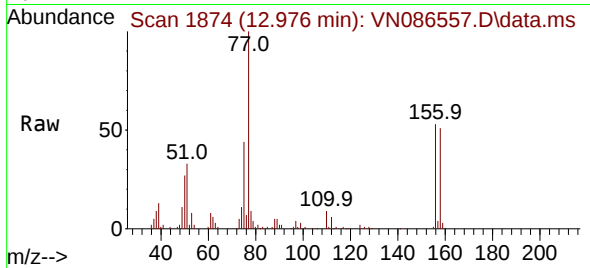
Tgt Ion: 75 Resp: 56573
Ion Ratio Lower Upper
75 100
77 187.2 98.8 296.4





#77
Bromobenzene
Concen: 20.489 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

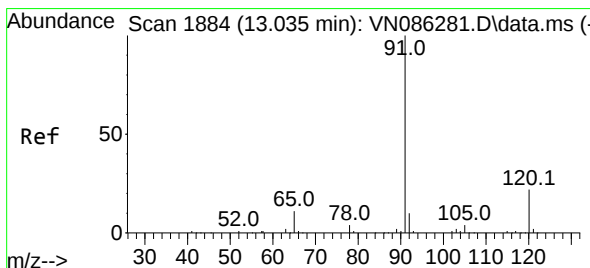
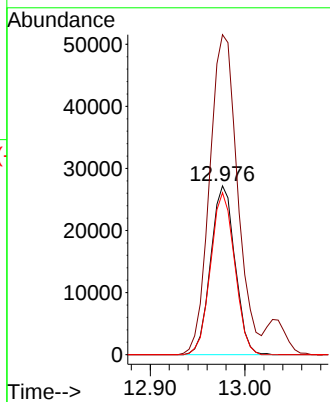
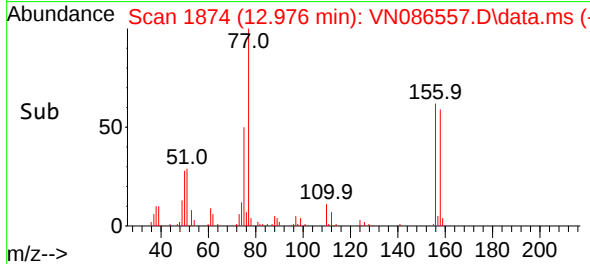
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



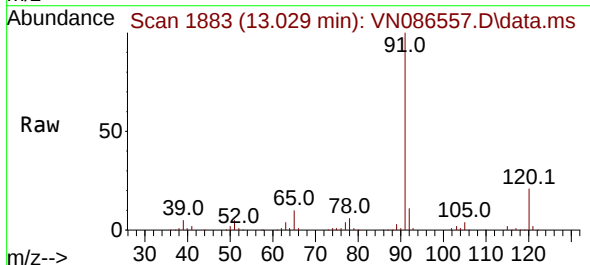
Tgt Ion:156 Resp: 4853
Ion Ratio Lower Upper
156 100
77 218.2 121.1 363.1
158 94.9 47.9 143.6

Manual Integrations
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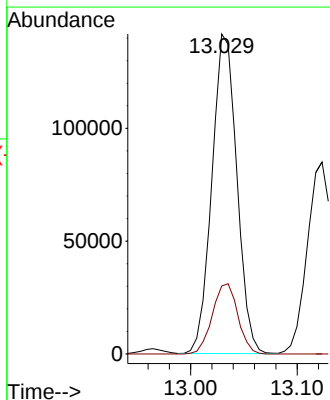
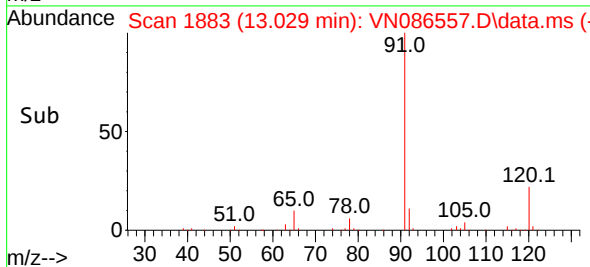
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

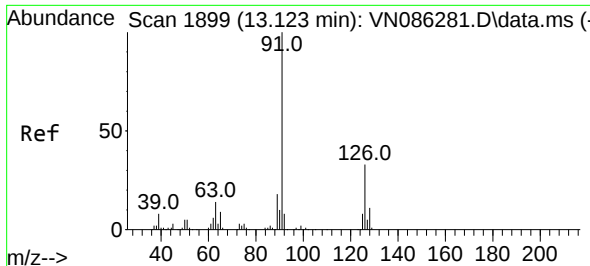


#78
n-propylbenzene
Concen: 18.292 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion: 91 Resp: 230450
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





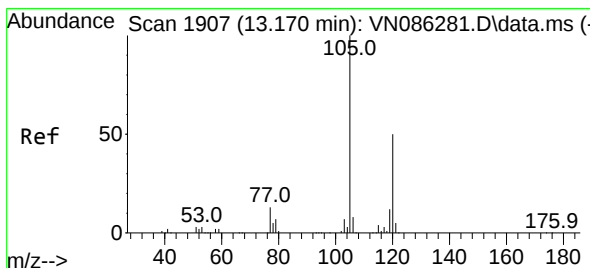
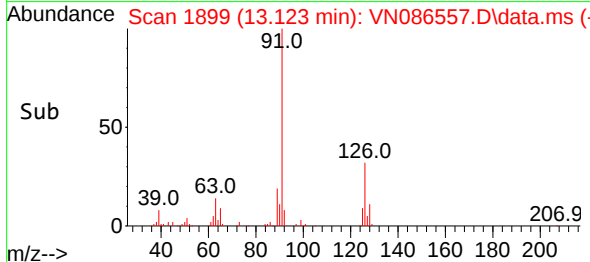
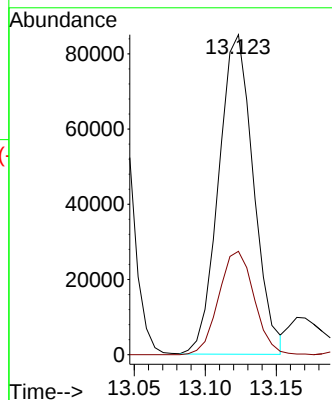
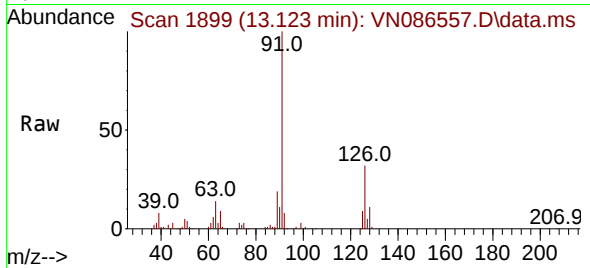
#79
2-Chlorotoluene
Concen: 18.394 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02

Tgt Ion: 91 Resp: 145004
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2

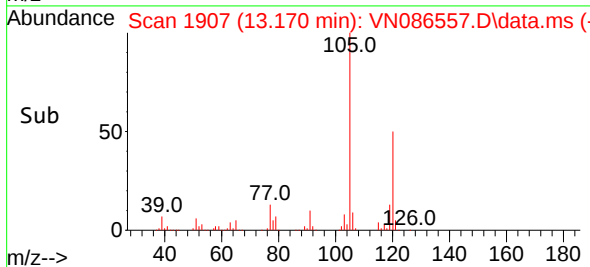
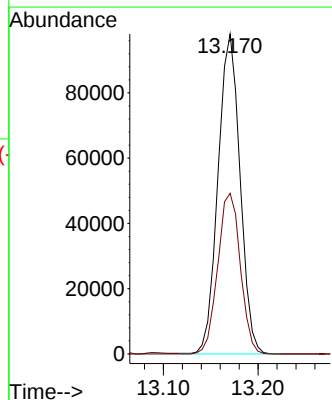
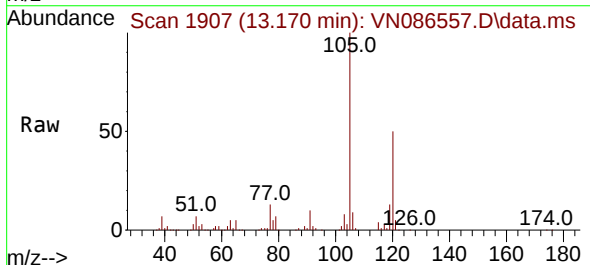
Manual Integrations
APPROVED

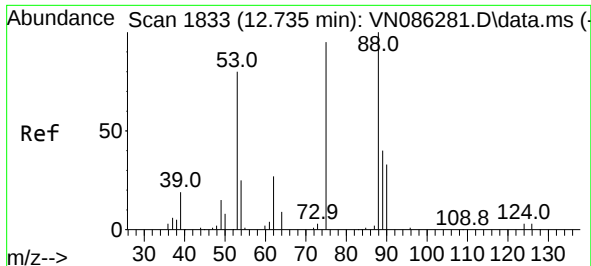
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.107 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

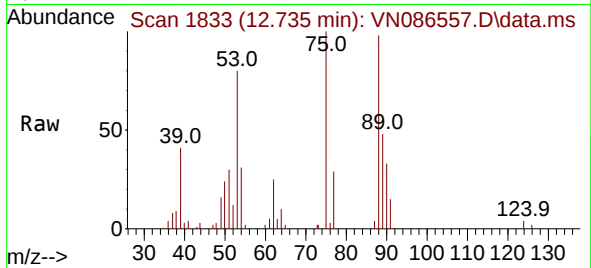
Tgt Ion:105 Resp: 158448
Ion Ratio Lower Upper
105 100
120 51.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 15.560 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

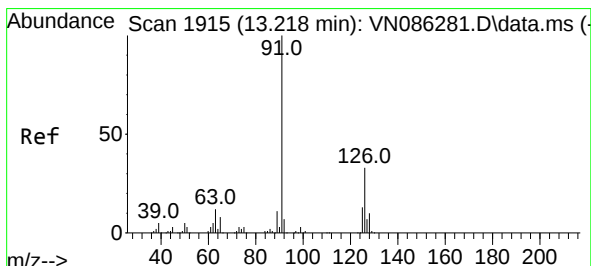
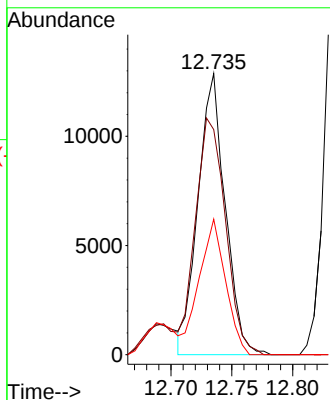
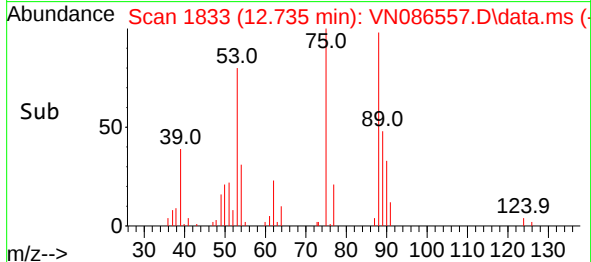
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 75 Resp: 1998
Ion Ratio Lower Upper
75 100
53 93.1 79.2 118.8
89 47.4 35.7 53.5

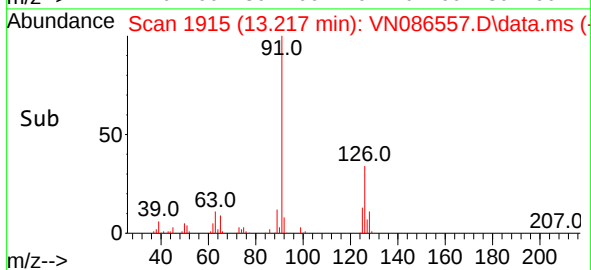
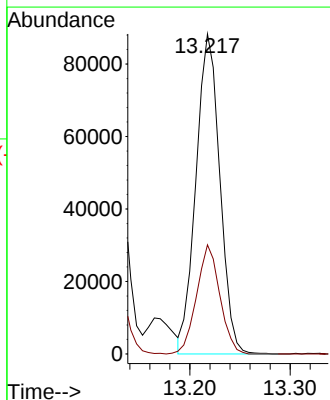
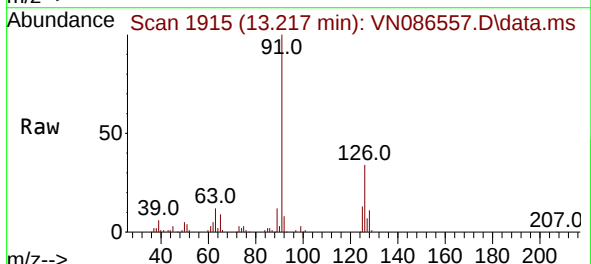
Manual Integrations
APPROVED

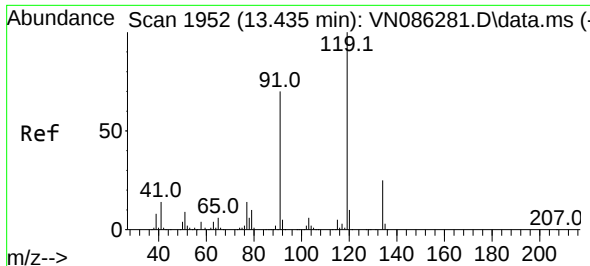
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#82
4-Chlorotoluene
Concen: 18.680 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

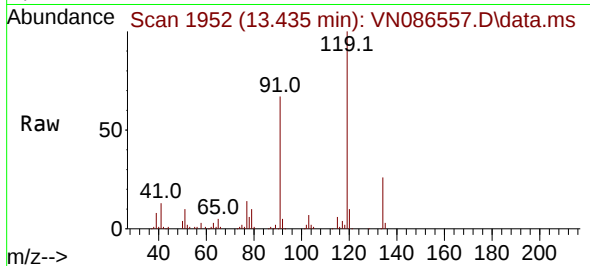
Tgt Ion: 91 Resp: 146285
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.300 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

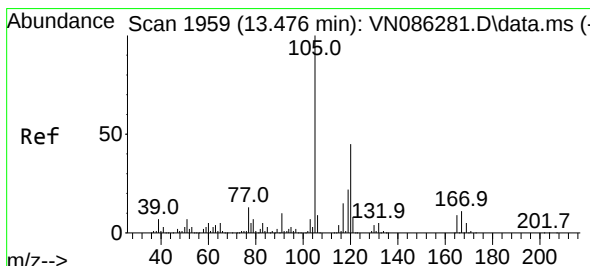
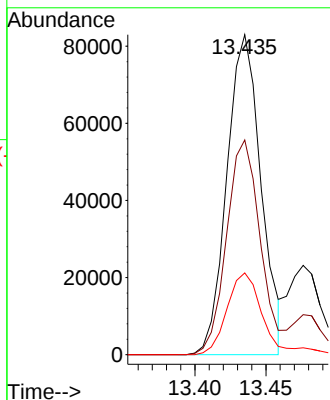
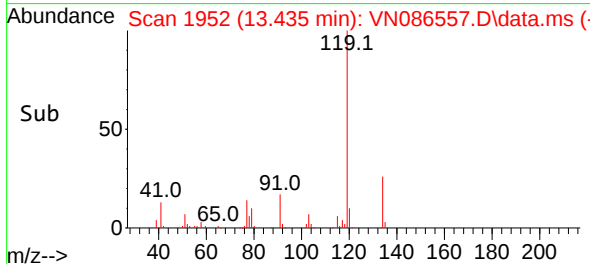
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



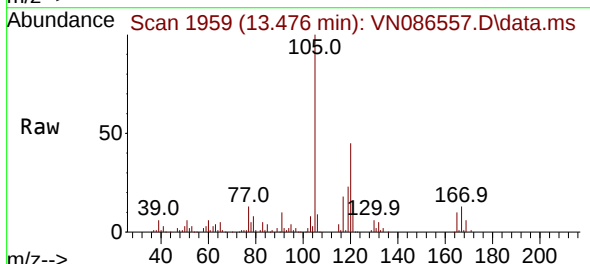
Tgt Ion:119 Resp: 138752
Ion Ratio Lower Upper
119 100
91 67.2 34.4 103.3
134 27.0 13.0 39.0

Manual Integrations
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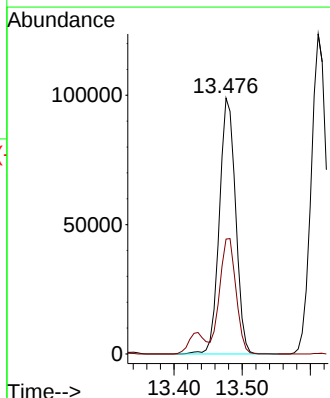
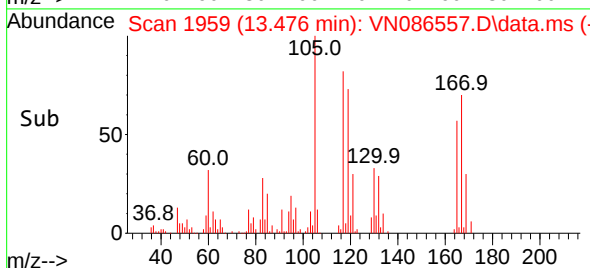
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

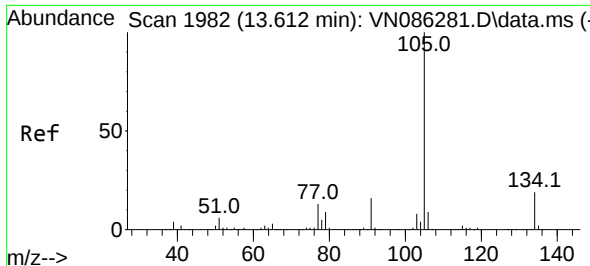


#84
1,2,4-Trimethylbenzene
Concen: 18.376 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



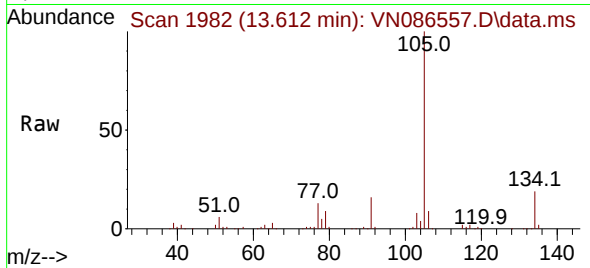
Tgt Ion:105 Resp: 163682
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.520 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57

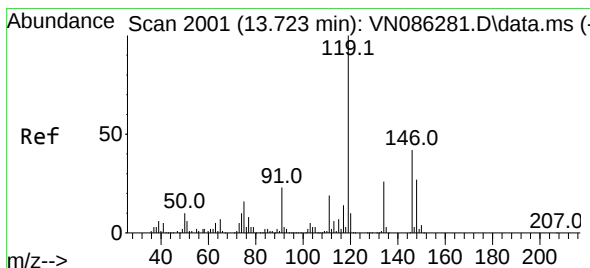
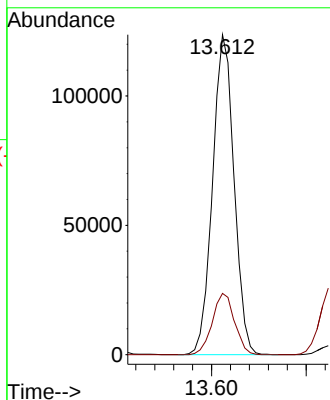
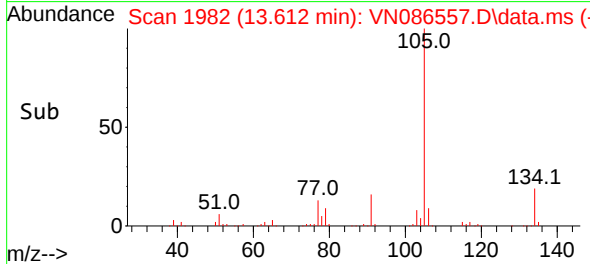
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS02



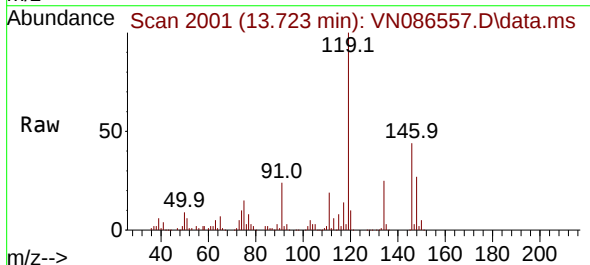
Tgt Ion:105 Resp: 194779
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

Manual Integrations
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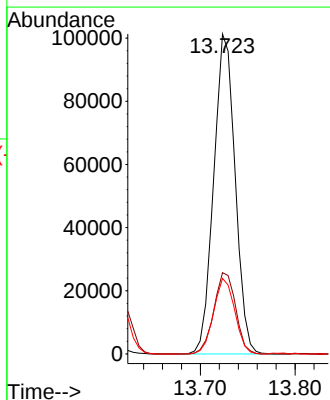
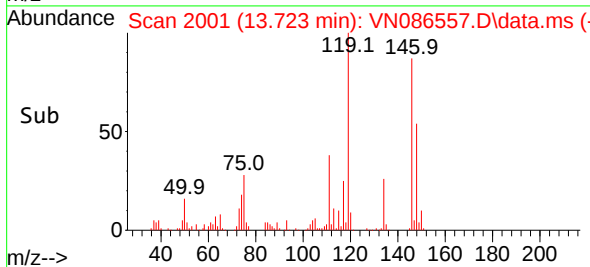
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#86
 p-Isopropyltoluene
 Concen: 18.366 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086557.D
 Acq: 09 May 2025 12:57



Tgt Ion:119 Resp: 159208
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.4 11.9 35.9





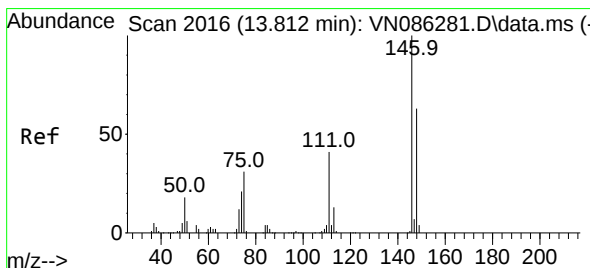
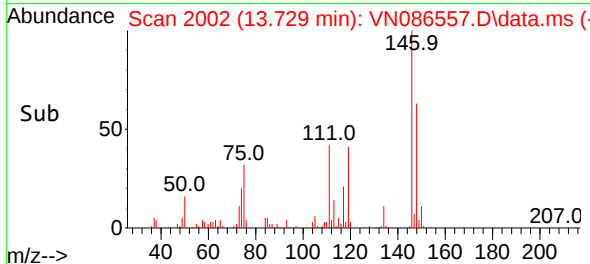
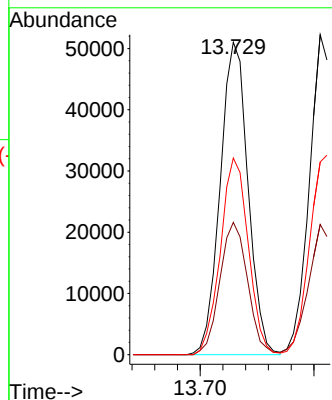
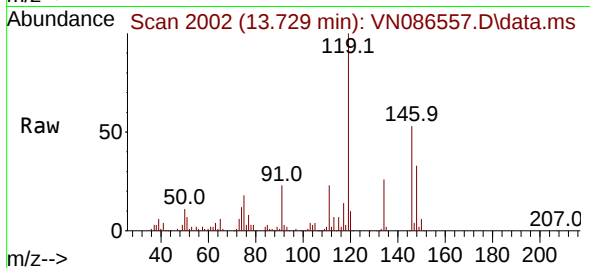
#87
1,3-Dichlorobenzene
Concen: 19.492 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02

Tgt Ion:146 Resp: 86802
Ion Ratio Lower Upper
146 100
111 42.3 21.9 65.7
148 63.1 31.9 95.5

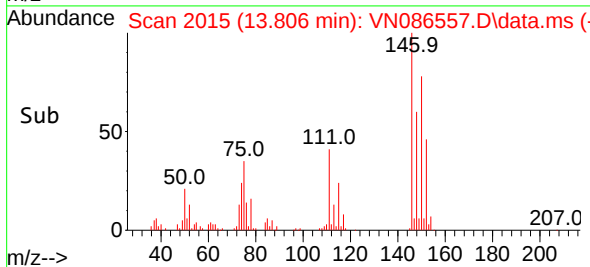
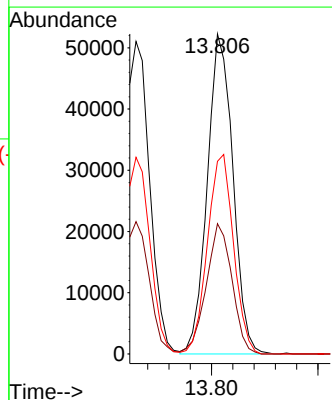
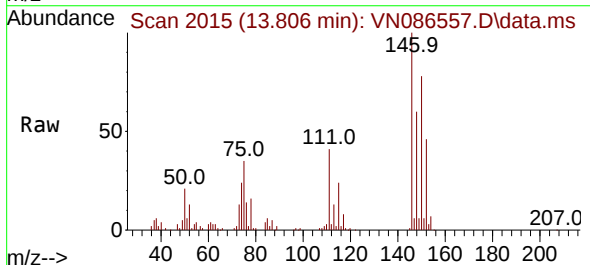
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#88
1,4-Dichlorobenzene
Concen: 19.463 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

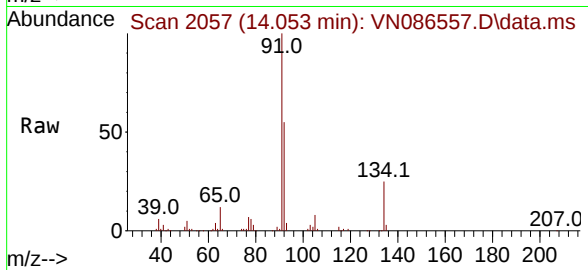
Tgt Ion:146 Resp: 87298
Ion Ratio Lower Upper
146 100
111 40.8 21.3 63.9
148 63.6 31.9 95.9





#89
n-Butylbenzene
Concen: 17.644 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

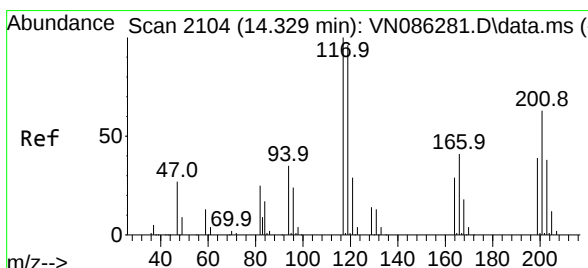
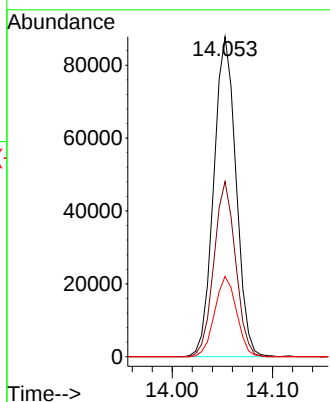
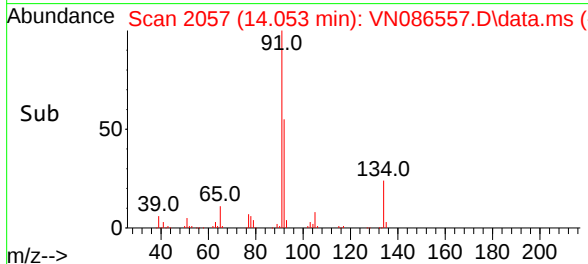
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



Tgt Ion: 91 Resp: 13557
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 24.7 12.2 36.6

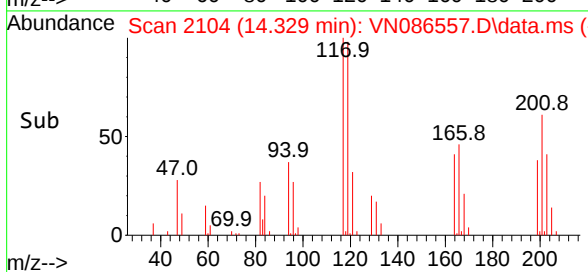
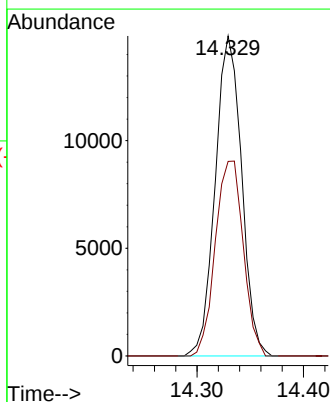
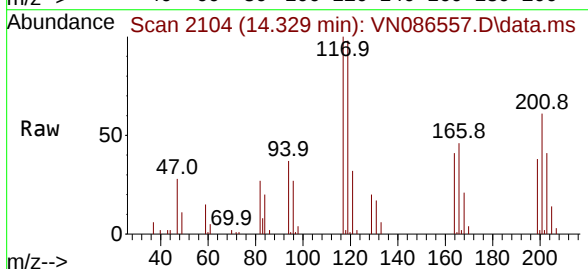
Manual Integrations
APPROVED

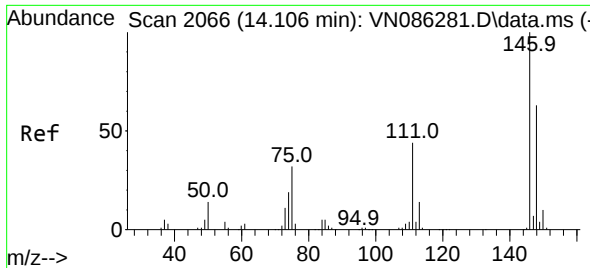
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#90
Hexachloroethane
Concen: 17.521 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

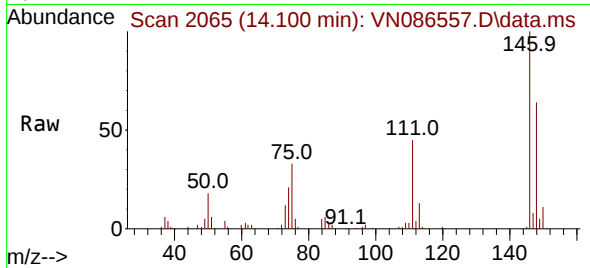
Tgt Ion:117 Resp: 25547
Ion Ratio Lower Upper
117 100
201 64.5 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 19.166 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

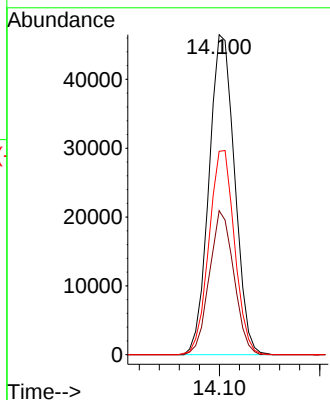
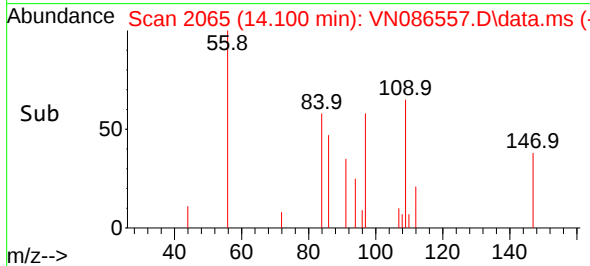
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



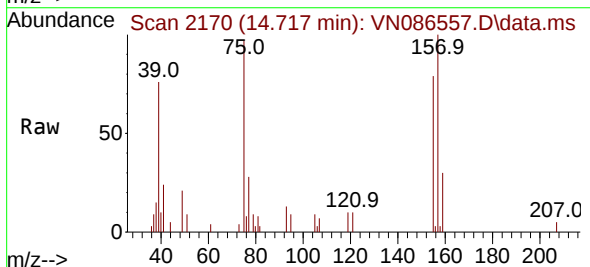
Tgt Ion:146 Resp: 82749
Ion Ratio Lower Upper
146 100
111 42.9 22.4 67.0
148 63.6 31.8 95.4

Manual Integrations
APPROVED

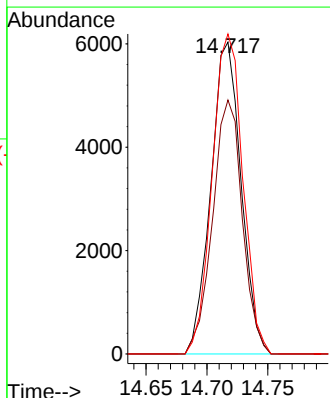
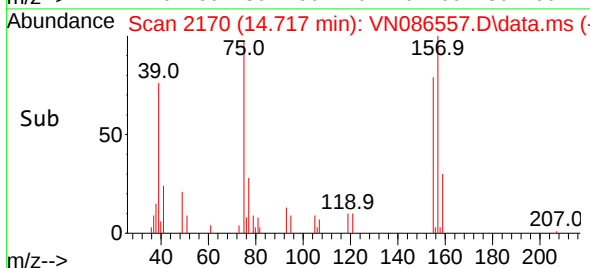
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

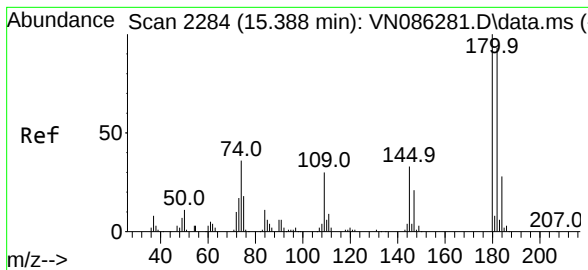


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.792 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



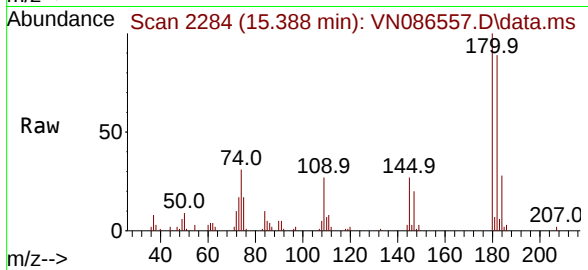
Tgt Ion: 75 Resp: 10408
Ion Ratio Lower Upper
75 100
155 80.3 40.3 120.9
157 104.3 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.768 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

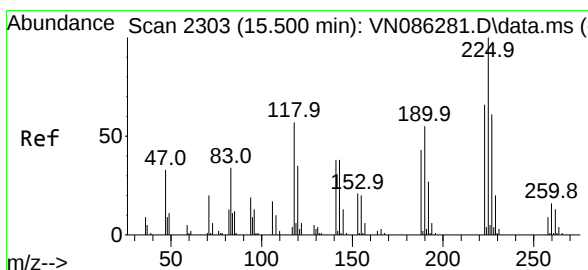
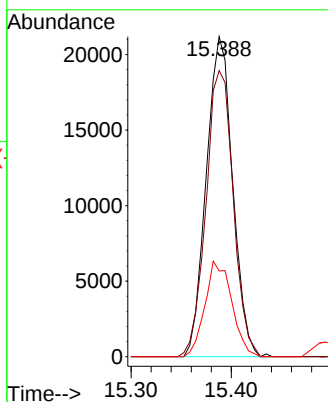
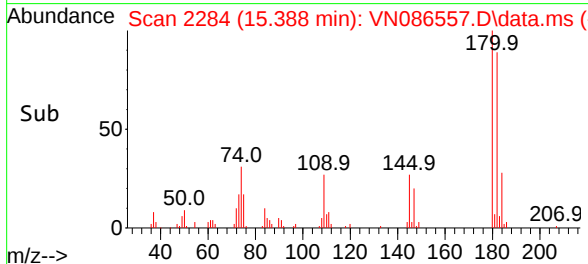
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



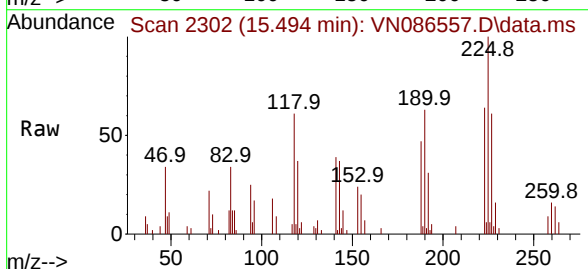
Tgt Ion:180 Resp: 3880
Ion Ratio Lower Upper
180 100
182 92.3 47.0 141.0
145 30.2 16.4 49.1

Manual Integrations
APPROVED

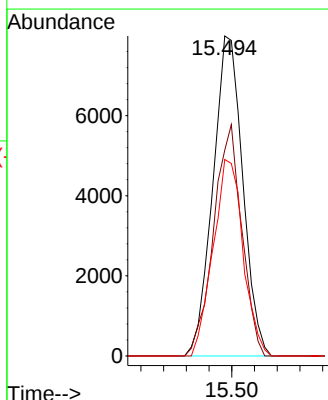
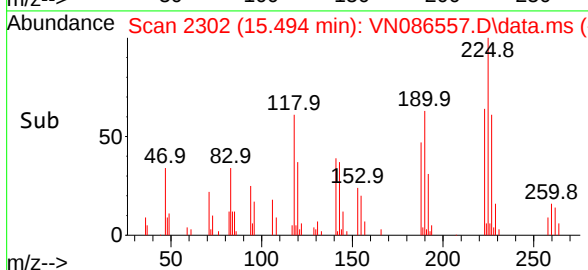
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

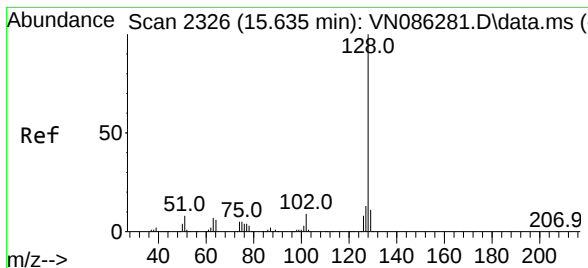


#94
Hexachlorobutadiene
Concen: 18.651 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



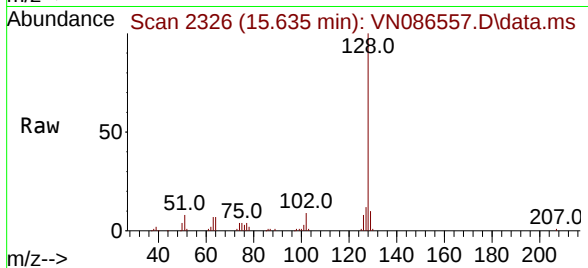
Tgt Ion:225 Resp: 14556
Ion Ratio Lower Upper
225 100
223 68.2 32.8 98.3
227 61.8 31.4 94.0





#95
Naphthalene
Concen: 17.285 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57

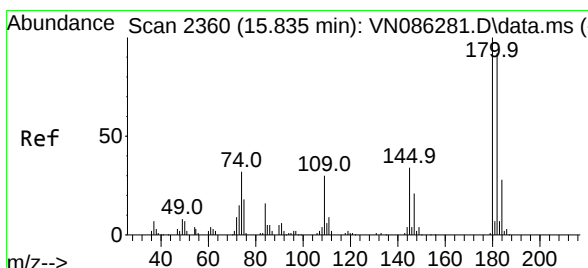
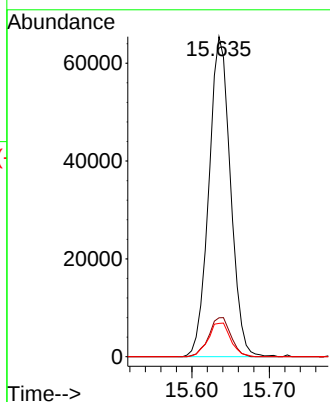
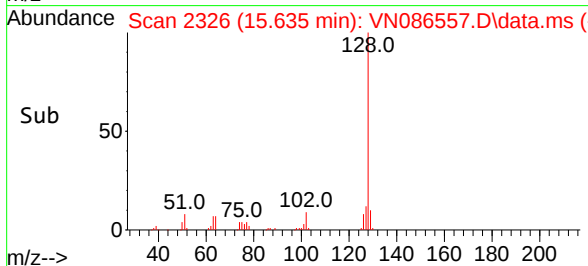
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS02



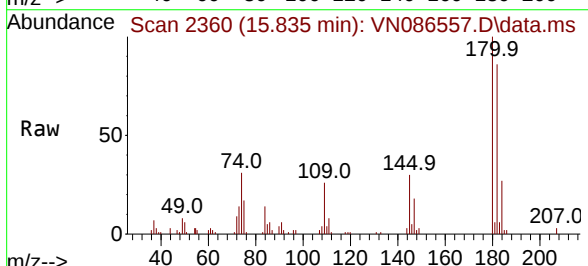
Tgt Ion:128 Resp: 126679
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.021 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086557.D
Acq: 09 May 2025 12:57



Tgt Ion:180 Resp: 37230
Ion Ratio Lower Upper
180 100
182 93.2 47.3 142.0
145 32.6 17.2 51.5

