

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086808.D
 Acq On : 29 May 2025 11:44
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:58:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 01:54:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	37861	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	212173	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	192449	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78078	30.015	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.033%			
60) 4-Bromofluorobenzene	12.847	95	90850	30.068	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.233%			
63) Toluene-d8	10.565	98	265287	30.033	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	130822	50.875	ug/l	99
3) Chloromethane	2.359	50	162092	48.890	ug/l	98
4) Vinyl Chloride	2.512	62	151575	49.678	ug/l	98
5) Bromomethane	2.954	94	77760	48.100	ug/l	95
6) Chloroethane	3.118	64	92395	49.511	ug/l	94
7) Trichlorofluoromethane	3.501	101	177458	49.659	ug/l	98
8) Diethyl Ether	3.959	74	73434	49.263	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	109498	49.997	ug/l	99
10) 1,1-Dichloroethene	4.342	96	110799	49.623	ug/l	96
11) Methyl Iodide	4.589	142	128338	48.759	ug/l	98
12) Methyl Acetate	5.018	43	122466	49.522	ug/l	96
13) Acrolein	4.177	56	70834	275.391	ug/l	98
14) Acrylonitrile	5.712	53	286457	248.248	ug/l	99
15) Acetone	4.424	58	72087	246.734	ug/l	83
16) Carbon Disulfide	4.712	76	324004	49.712	ug/l	100
17) Allyl chloride	5.024	41	163812	49.385	ug/l	96
18) Methylene Chloride	5.277	84	125584	48.432	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	116799	49.986	ug/l	97
20) Diisopropyl ether	6.665	45	366738	50.201	ug/l	98
21) 1,1-Dichloroethane	6.571	63	218975	49.668	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	139465	49.287	ug/l	98
23) tert-Butyl Alcohol	5.512	59	93013	251.010	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	366507	49.806	ug/l	98
25) Chloroform	7.959	83	210250	48.723	ug/l	99
26) Cyclohexane	8.253	56	189266	49.601	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	156217	50.077	ug/l	100
30) 2-Butanone	7.477	43	342713	250.734	ug/l	99
31) 2,2-Dichloropropane	7.489	77	183830	49.922	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	180080	49.798	ug/l	98
33) Carbon Tetrachloride	8.359	117	156360	50.583	ug/l	98
34) Benzene	8.600	78	508562	50.104	ug/l	96
35) Methacrylonitrile	7.777	41	77665	49.465	ug/l	92
36) 1,2-Dichloroethane	8.665	62	147384	49.552	ug/l	99
37) Trichloroethene	9.347	130	138080	49.044	ug/l	99
38) Methylcyclohexane	9.600	83	175956	50.836	ug/l	99
39) 1,2-Dichloropropane	9.618	63	121523	49.730	ug/l	98
40) Dibromomethane	9.706	93	80141	50.142	ug/l	99
41) Bromodichloromethane	9.882	83	169106	50.546	ug/l	97
42) Vinyl Acetate	6.600	43	1022005	256.515	ug/l	100

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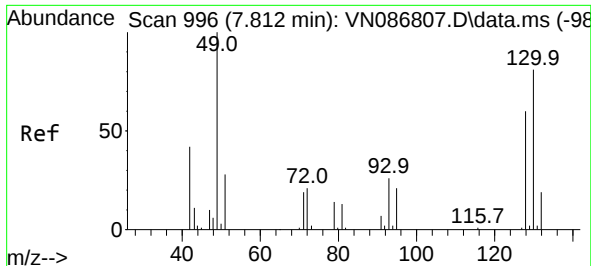
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	137277	49.082	ug/l	97
44) Isopropyl Acetate	8.683	43	240786	50.186	ug/l	100
45) 1,4-Dioxane	9.688	88	44687	1047.904	ug/l	94
46) Methyl methacrylate	9.677	41	114379	51.702	ug/l	97
47) n-amyl Acetate	12.488	43	192875	50.074	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	180849	50.515	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	197661	50.195	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	114479	50.856	ug/l	96
51) Ethyl methacrylate	10.871	69	187806	51.515	ug/l	96
52) 1,3-Dichloropropane	11.159	76	200223	50.120	ug/l	99
53) Dibromochloromethane	11.353	129	126446	49.708	ug/l	100
54) 1,2-Dibromoethane	11.465	107	114146	49.608	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	445248	254.433	ug/l	99
56) Bromoform	12.576	173	79637	49.687	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	708363	250.849	ug/l	99
59) 2-Hexanone	11.194	43	509079	251.677	ug/l	100
61) Tetrachloroethene	11.100	164	163012	50.391	ug/l	91
62) Toluene	10.629	91	538722	49.704	ug/l	100
64) Chlorobenzene	11.888	112	337771	48.866	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	112782	49.666	ug/l	98
66) Ethyl Benzene	11.959	91	595548	50.800	ug/l	97
67) m/p-Xylenes	12.065	106	465836	101.259	ug/l	99
68) o-Xylene	12.394	106	227480	51.022	ug/l	99
69) Styrene	12.406	104	379629	51.108	ug/l	100
70) Isopropylbenzene	12.694	105	539101	50.838	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	124913	49.545	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	144849m	46.634	ug/l	
73) Bromobenzene	12.976	156	130087	49.356	ug/l	98
74) n-propylbenzene	13.029	91	638895	50.865	ug/l	100
75) 2-Chlorotoluene	13.123	91	403077	49.997	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	448336	50.822	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	60669	50.172	ug/l	96
78) 4-Chlorotoluene	13.218	91	400961	50.207	ug/l	100
79) tert-butylbenzene	13.435	119	384679	50.435	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	447950	50.588	ug/l	98
81) sec-Butylbenzene	13.612	105	529243	50.934	ug/l	100
82) p-Isopropyltoluene	13.723	119	446383	51.162	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	242562	50.165	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	241927	50.277	ug/l	99
85) n-Butylbenzene	14.053	91	374782	51.309	ug/l	99
86) Hexachloroethane	14.329	117	73414	49.370	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	234825	50.345	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	27180	51.194	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	98812	50.620	ug/l	98
90) Hexachlorobutadiene	15.500	225	41982	50.179	ug/l	96
91) Naphthalene	15.635	128	348415	51.156	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	98812	50.620	ug/l	98

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



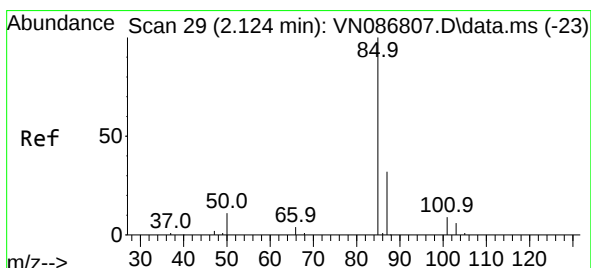
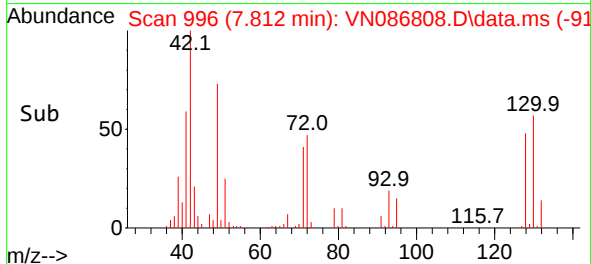
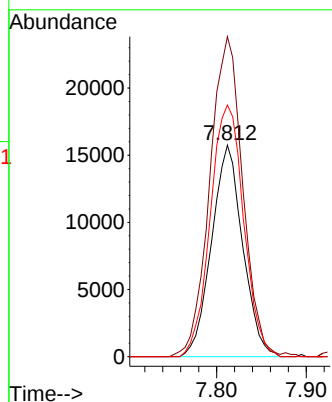
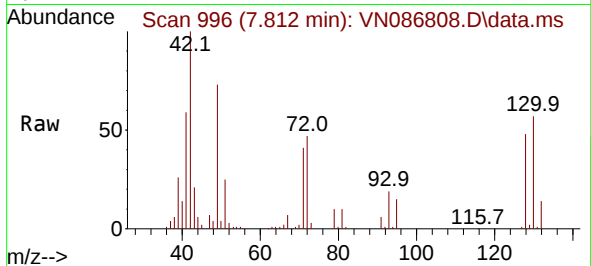
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 3786
Ion Ratio Lower Upper
128 100
49 160.0 0.0 404.5
130 127.8 0.0 322.2

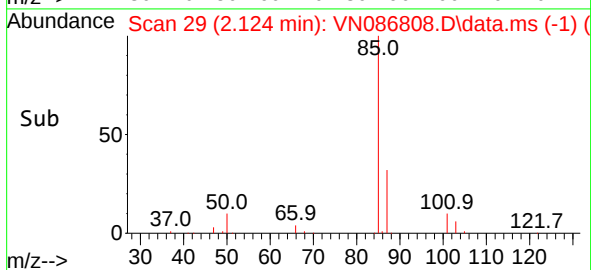
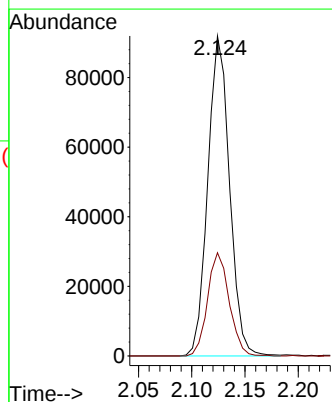
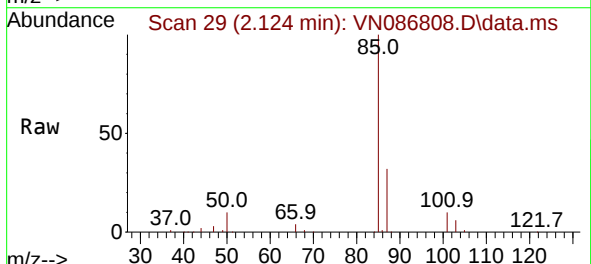
Manual Integrations
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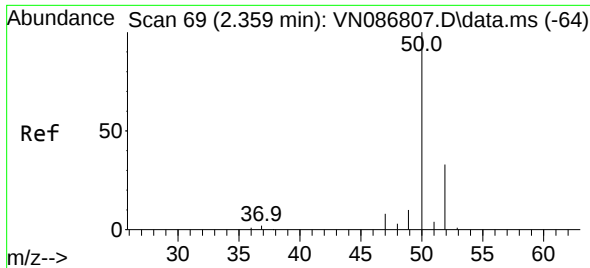
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 50.875 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 85 Resp: 130822
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7





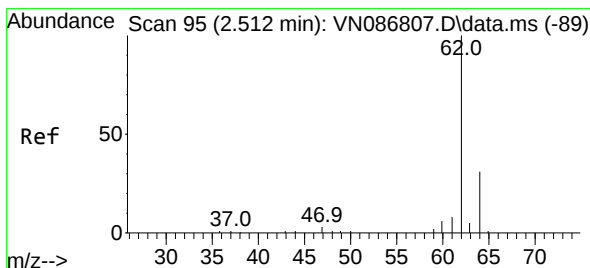
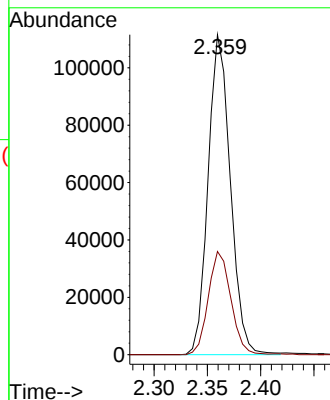
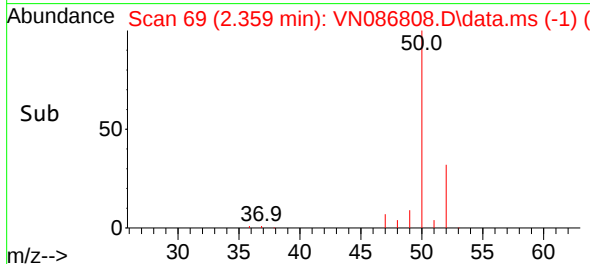
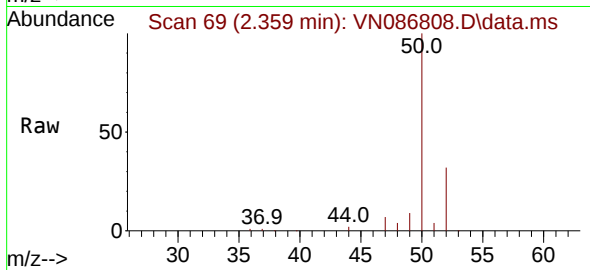
#3
Chloromethane
Concen: 48.890 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 162092
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0

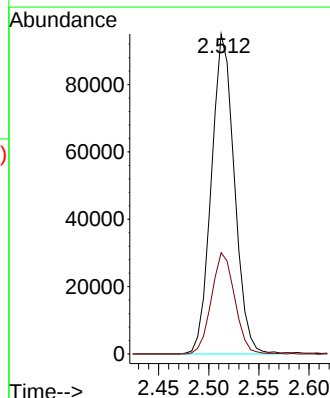
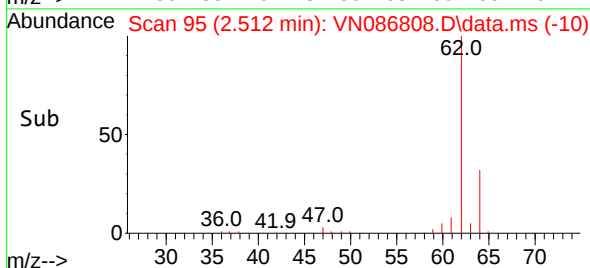
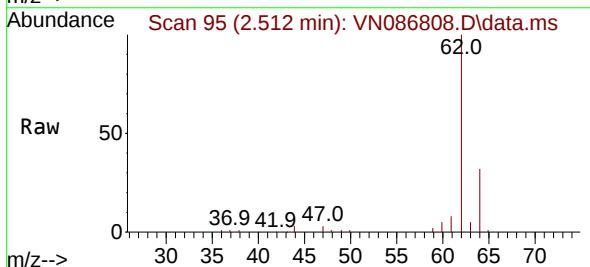
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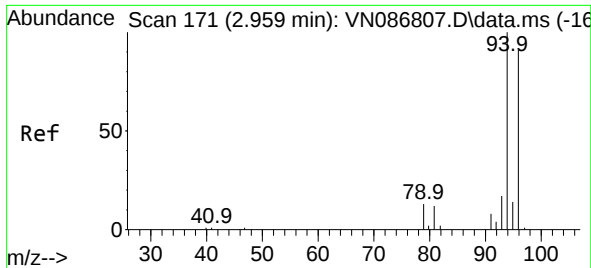
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 49.678 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

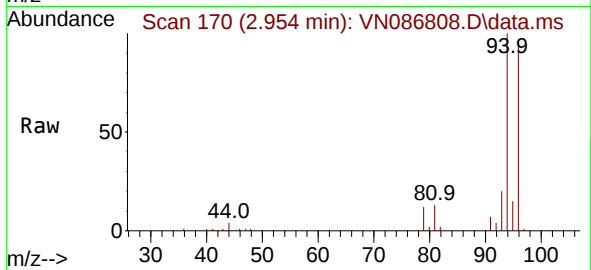
Tgt Ion: 62 Resp: 151575
Ion Ratio Lower Upper
62 100
64 31.7 24.6 36.8





#5
Bromomethane
Concen: 48.100 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

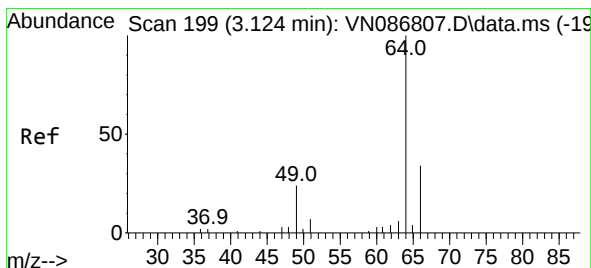
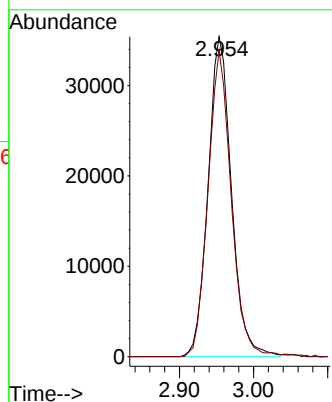
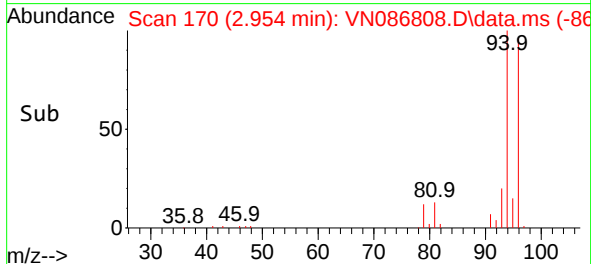
Instrument :
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VSTDICC050



Tgt Ion: 94 Resp: 77760
Ion Ratio Lower Upper
94 100
96 95.7 72.7 109.1

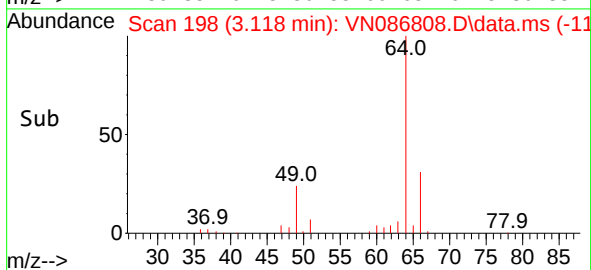
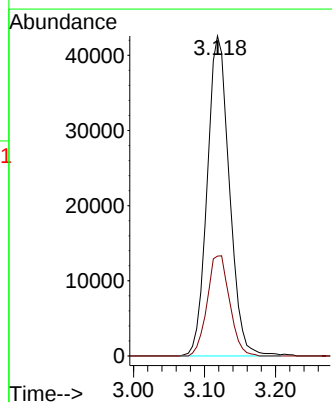
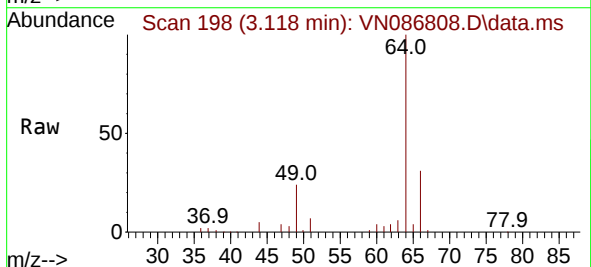
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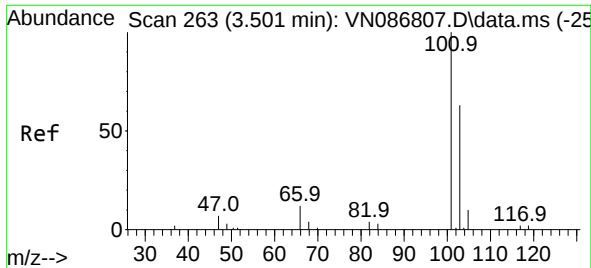
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 49.511 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086808.D
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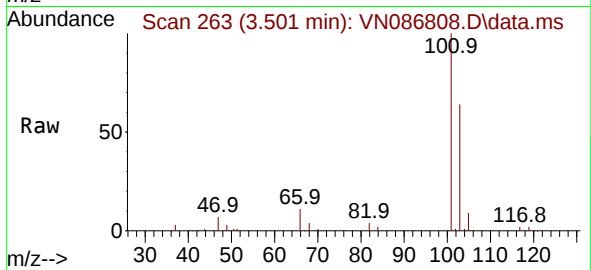
Tgt Ion: 64 Resp: 92395
Ion Ratio Lower Upper
64 100
66 31.2 27.5 41.3





#7
 Trichlorofluoromethane
 Concen: 49.659 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

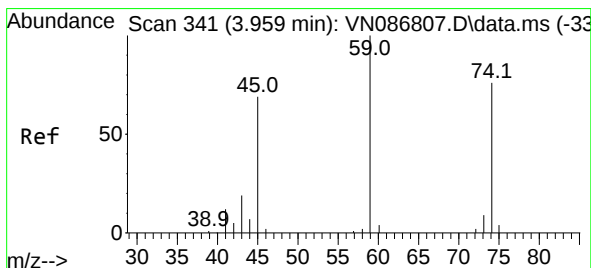
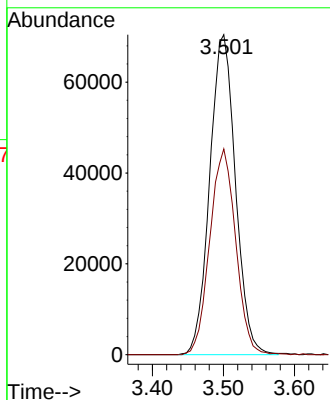
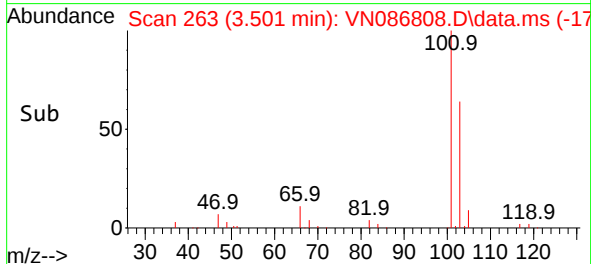
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Tgt Ion:101 Resp: 177458
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.0 75.0

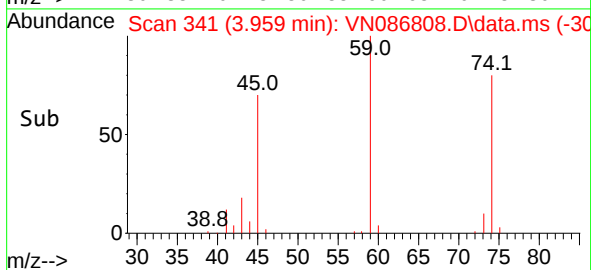
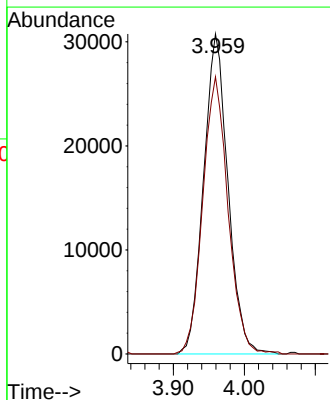
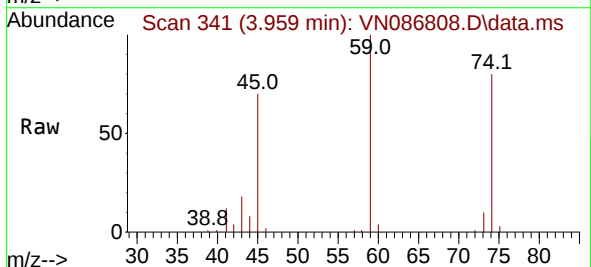
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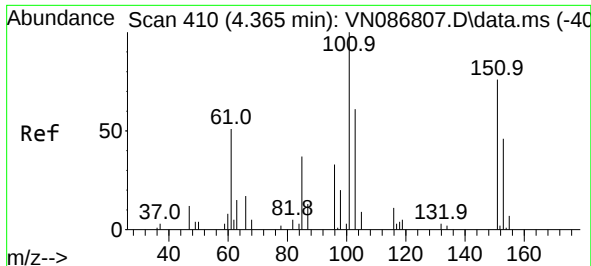
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#8
 Diethyl Ether
 Concen: 49.263 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 74 Resp: 73434
 Ion Ratio Lower Upper
 74 100
 45 89.4 17.9 161.5





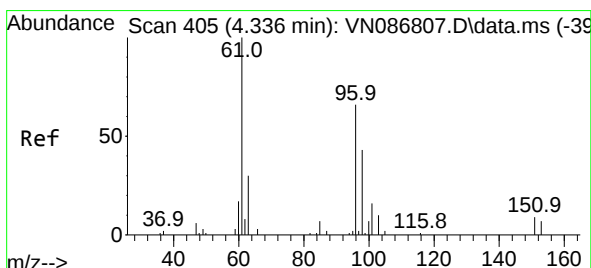
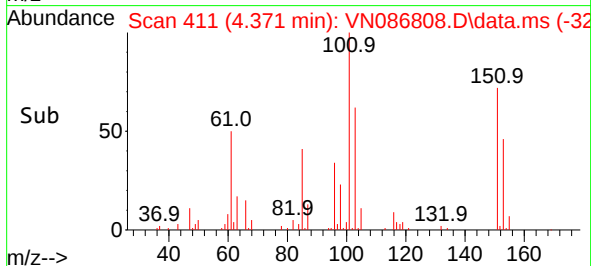
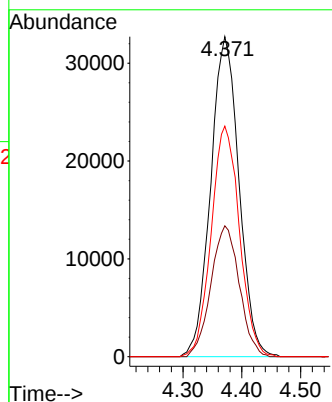
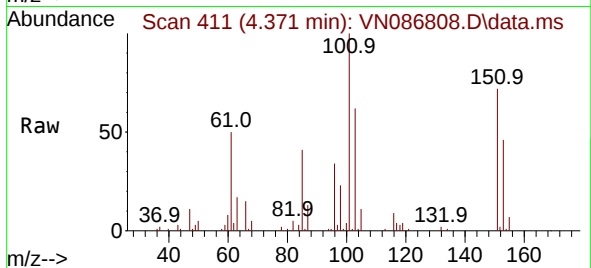
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1,1,2-Trichlorotrifluoroethane
Concen: 49.997 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 109498
Ion Ratio Lower Upper
101 100
85 41.0 0.0 83.2
151 71.8 0.0 145.6

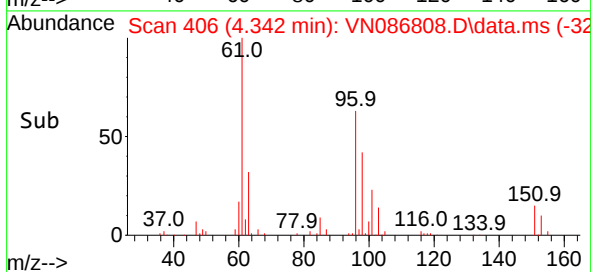
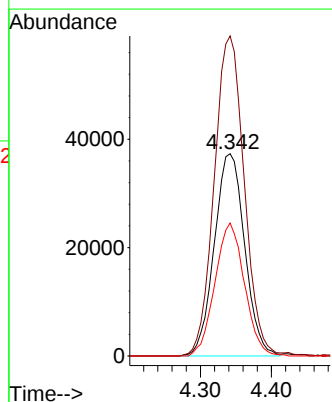
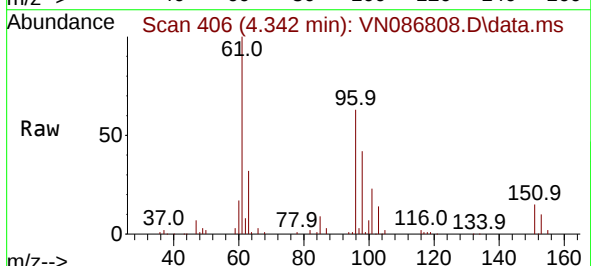
Manual Integrations
APPROVED

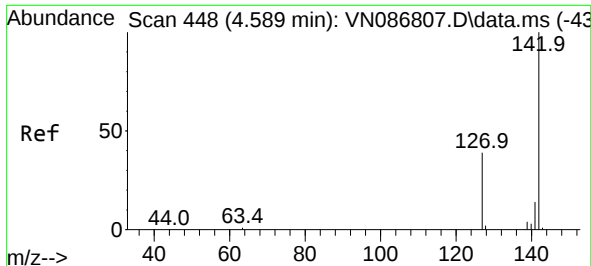
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
1,1-Dichloroethene
Concen: 49.623 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

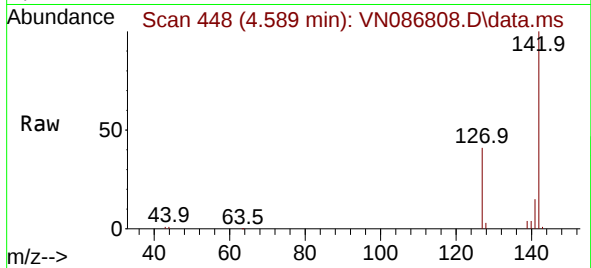
Tgt Ion: 96 Resp: 110799
Ion Ratio Lower Upper
96 100
61 158.2 121.7 182.5
98 65.7 51.9 77.9





#11
Methyl Iodide
Concen: 48.759 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

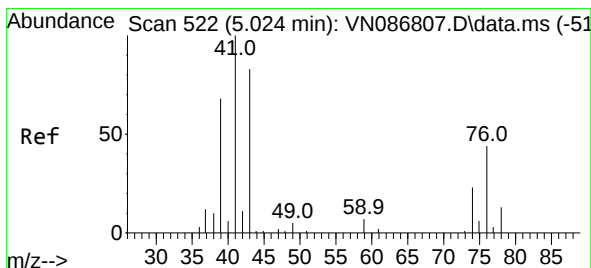
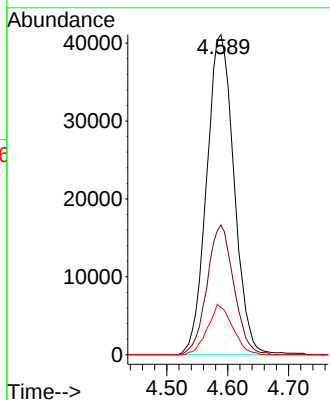
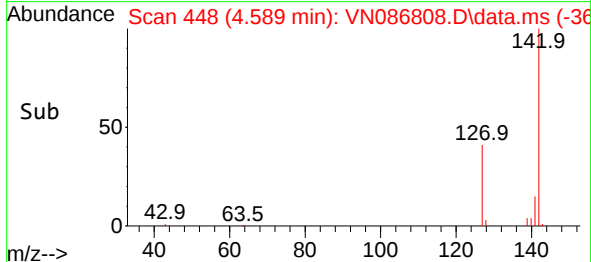
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC050



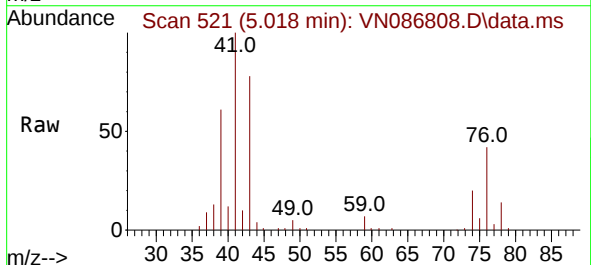
Tgt Ion:142 Resp: 128338
Ion Ratio Lower Upper
142 100
127 40.7 19.5 58.5
141 14.8 7.1 21.4

Manual Integrations
APPROVED

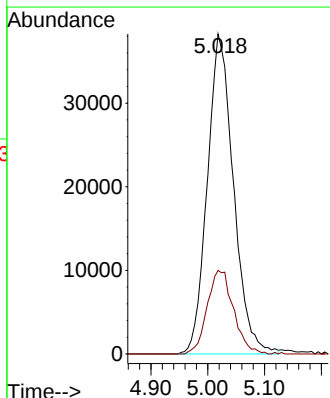
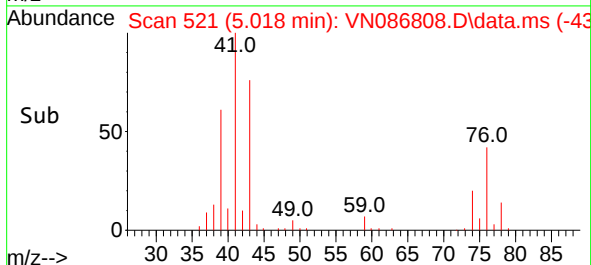
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

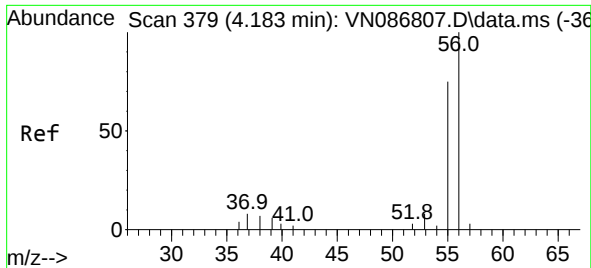


#12
Methyl Acetate
Concen: 49.522 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



Tgt Ion: 43 Resp: 122466
Ion Ratio Lower Upper
43 100
74 26.2 22.7 34.1





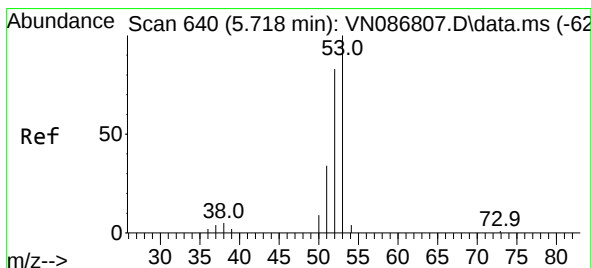
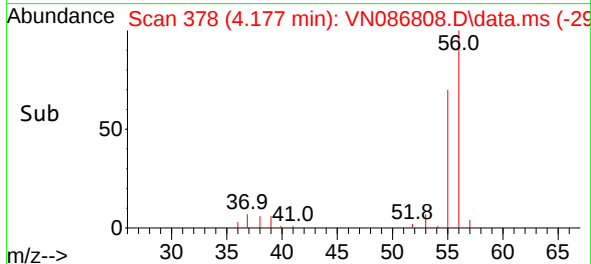
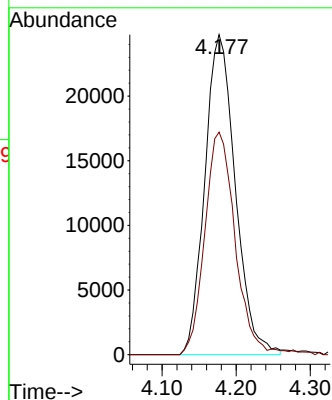
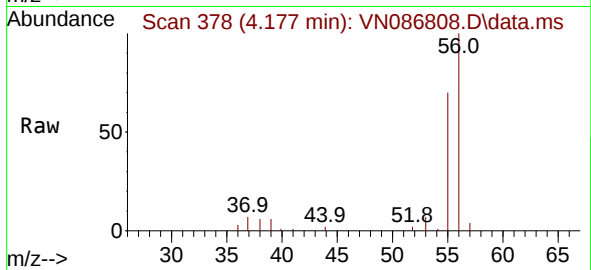
#13
Acrolein
Concen: 275.391 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 56 Resp: 70834
Ion Ratio Lower Upper
56 100
55 68.3 55.9 83.9

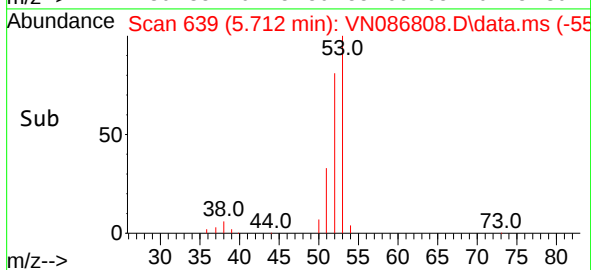
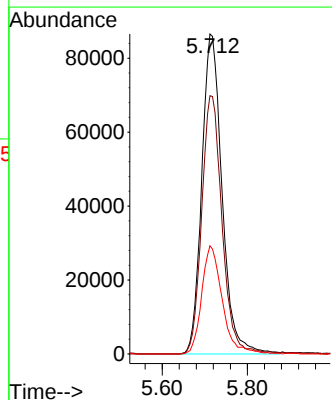
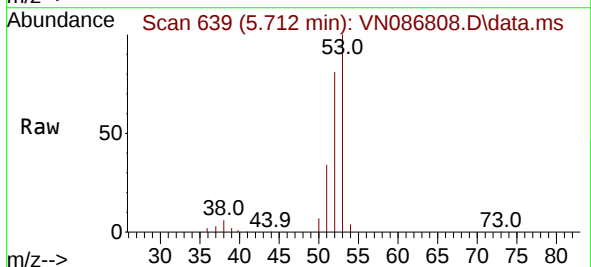
Manual Integrations
APPROVED

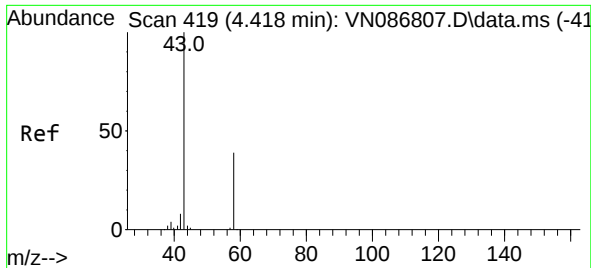
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Acrylonitrile
Concen: 248.248 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 53 Resp: 286457
Ion Ratio Lower Upper
53 100
52 79.6 40.0 119.9
51 32.9 17.5 52.6





#15

Acetone

Concen: 246.734 ug/l

RT: 4.424 min Scan# 419

Delta R.T. 0.006 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 7208

Ion Ratio Lower Upper

58 100

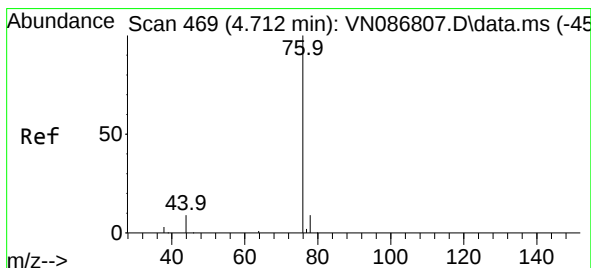
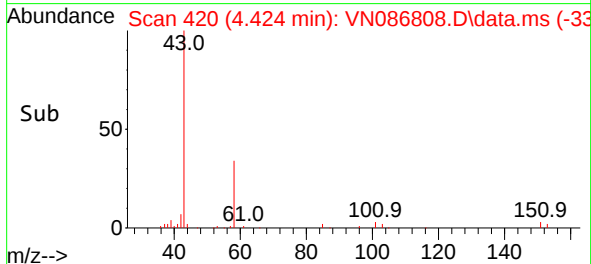
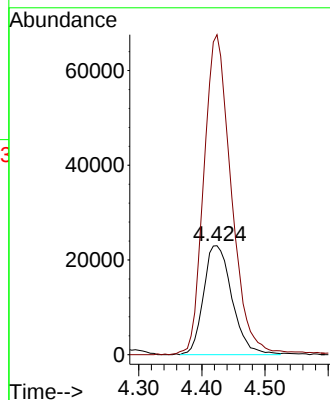
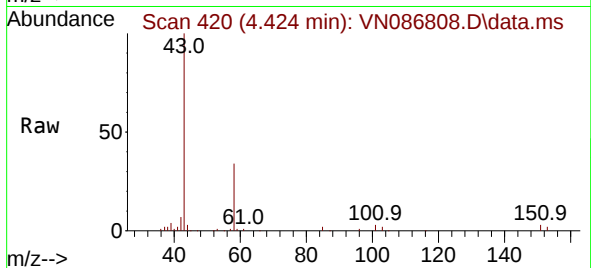
43 290.7 207.7 311.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#16

Carbon Disulfide

Concen: 49.712 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086808.D

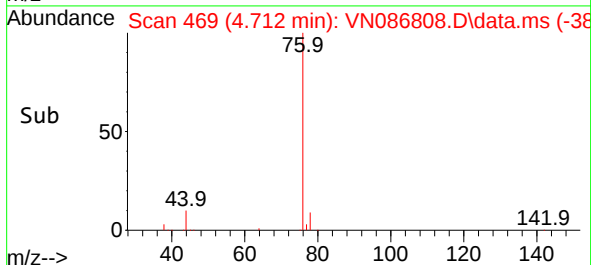
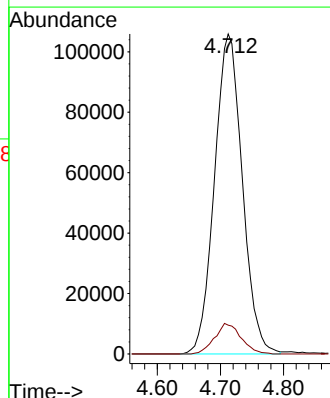
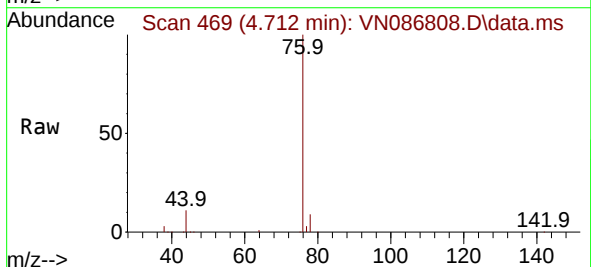
Acq: 29 May 2025 11:44

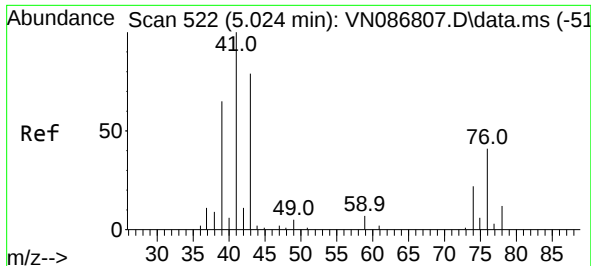
Tgt Ion: 76 Resp: 324004

Ion Ratio Lower Upper

76 100

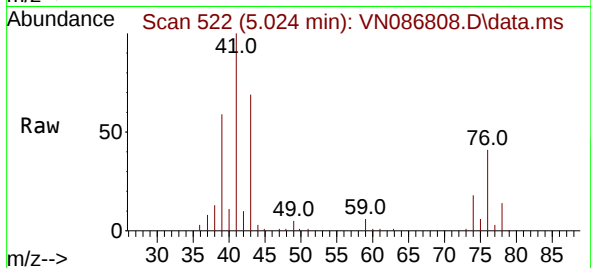
78 9.0 7.2 10.8





#17
 Allyl chloride
 Concen: 49.385 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

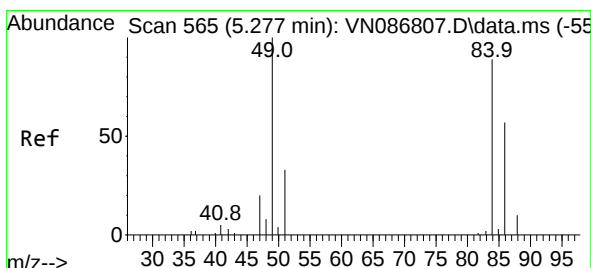
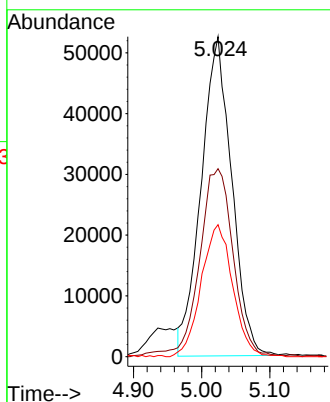
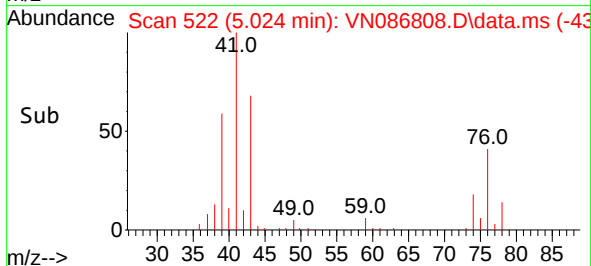
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 16381
 Ion Ratio Lower Upper
 41 100
 39 58.7 31.6 94.8
 76 41.1 20.1 60.2

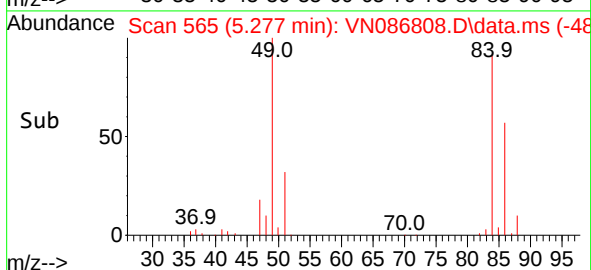
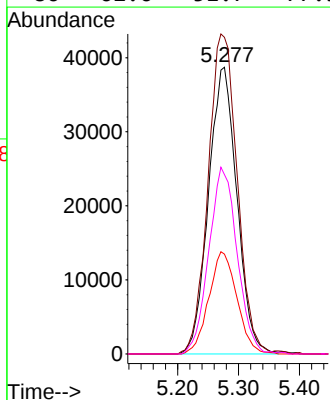
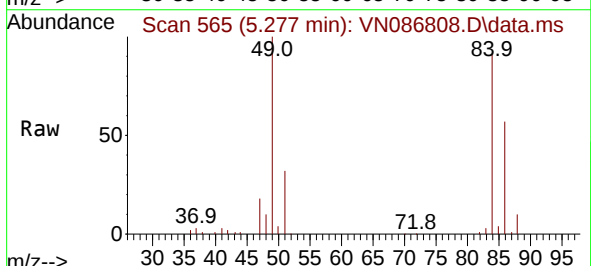
Manual Integrations
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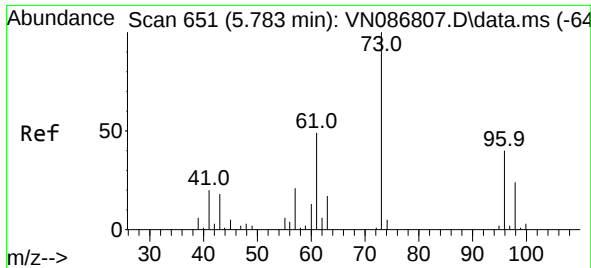
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 48.432 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 84 Resp: 125584
 Ion Ratio Lower Upper
 84 100
 49 110.4 89.9 134.9
 51 34.8 29.6 44.4
 86 62.6 51.7 77.5





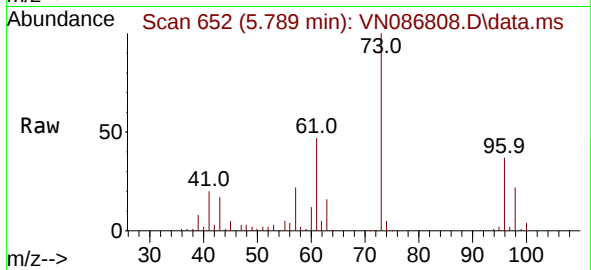
#19
trans-1,2-Dichloroethene
Concen: 49.986 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



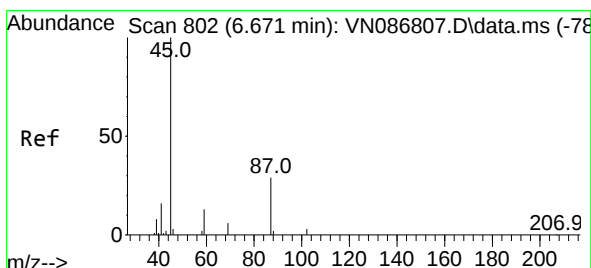
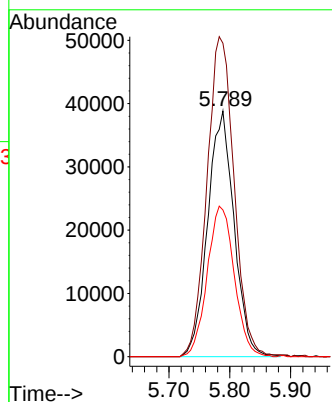
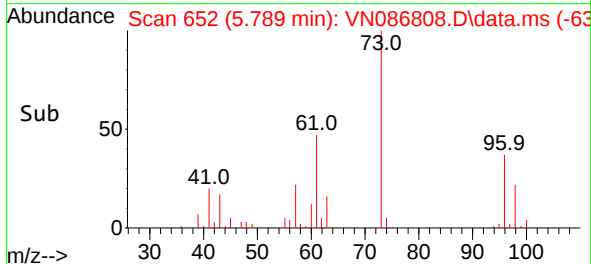
Tgt Ion: 96 Resp: 116799
Ion Ratio Lower Upper
96 100
61 127.7 98.9 148.3
98 59.7 49.0 73.4

Manual Integrations

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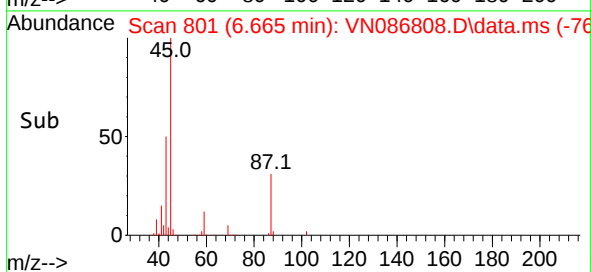
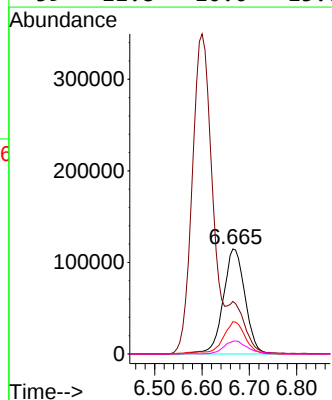
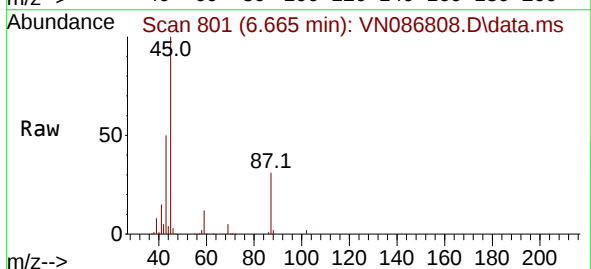
Reviewed By :John Carlone 05/30/2025

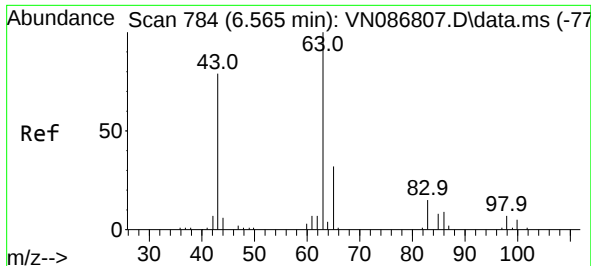
Supervised By :Mahesh Dadoda 05/30/2025



#20
Diisopropyl ether
Concen: 50.201 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 45 Resp: 366738
Ion Ratio Lower Upper
45 100
43 49.2 40.3 60.5
87 30.7 24.1 36.1
59 11.8 10.0 15.0





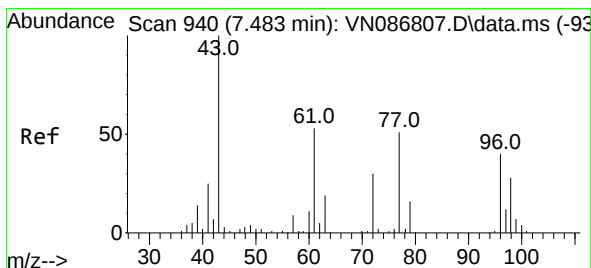
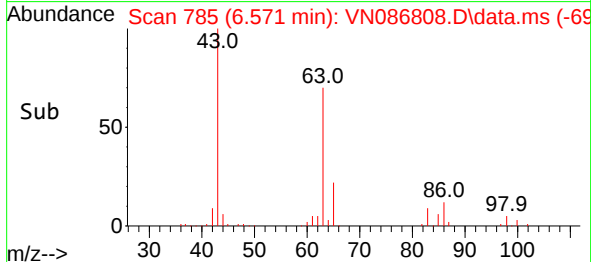
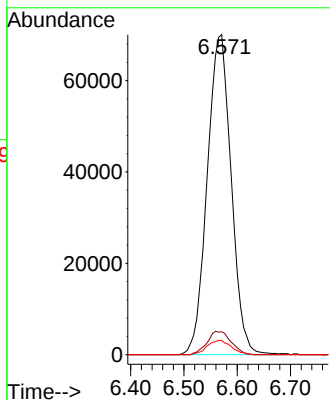
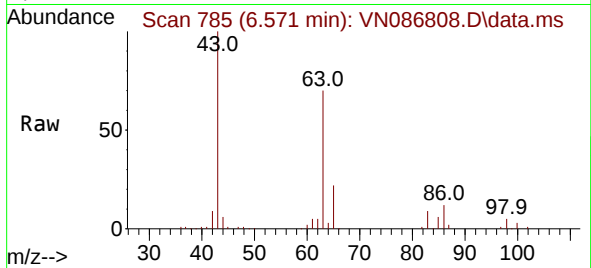
#21
1,1-Dichloroethane
Concen: 49.668 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 21897
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 4.4 2.3 6.8

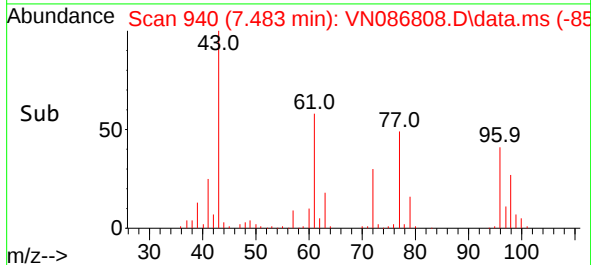
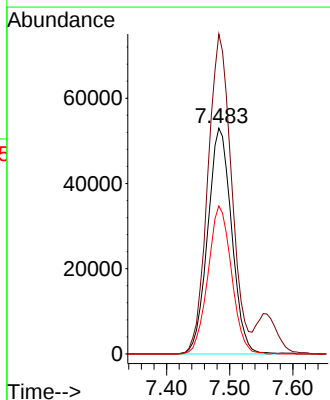
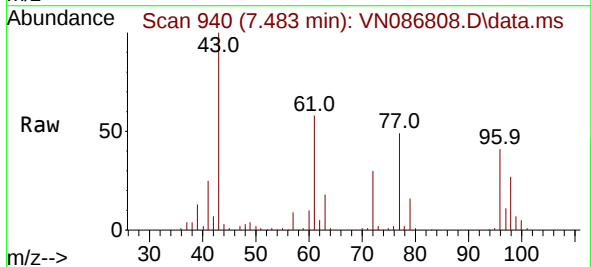
Manual Integrations
APPROVED

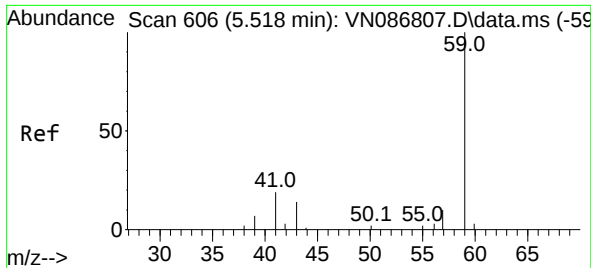
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 49.287 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 96 Resp: 139465
Ion Ratio Lower Upper
96 100
61 140.8 110.7 166.1
98 64.3 51.8 77.8





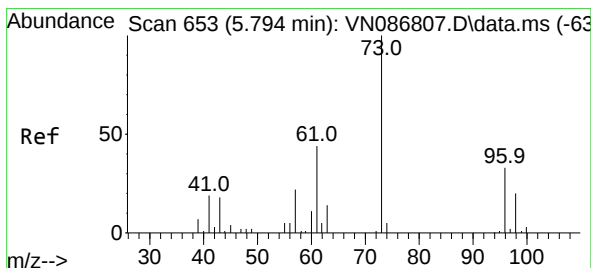
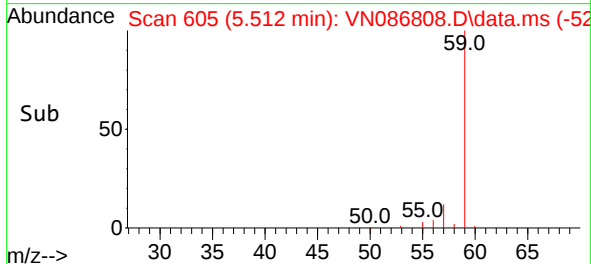
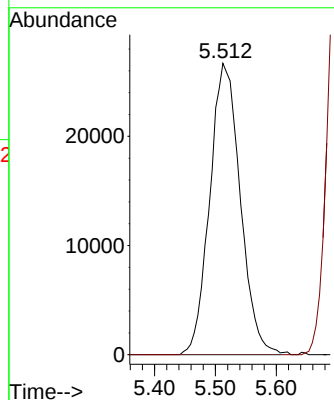
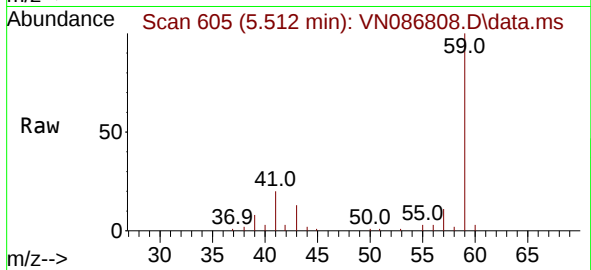
#23
tert-Butyl Alcohol
Concen: 251.010 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 9301
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

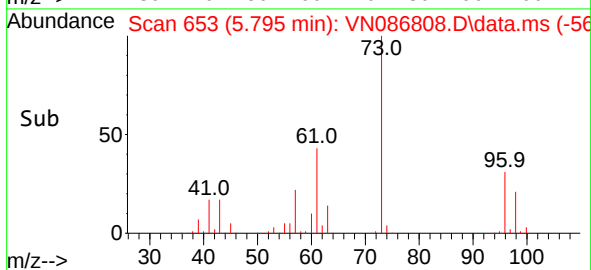
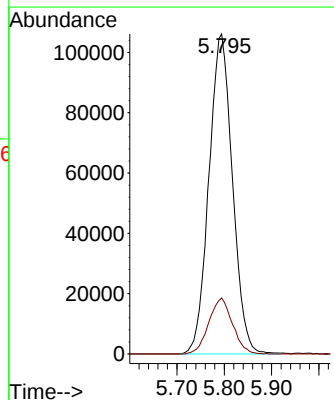
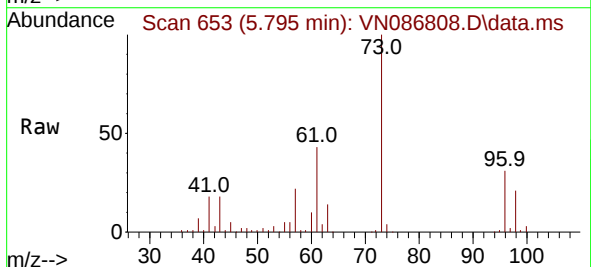
Manual Integrations
APPROVED

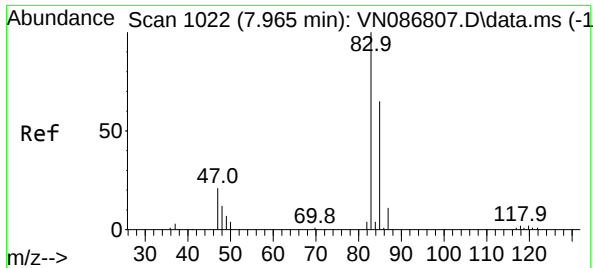
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#24
Methyl tert-Butyl Ether
Concen: 49.806 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 73 Resp: 366507
Ion Ratio Lower Upper
73 100
43 17.5 14.6 22.0





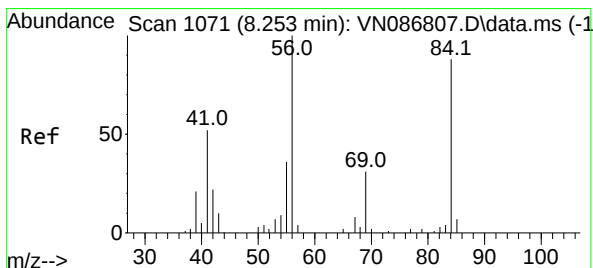
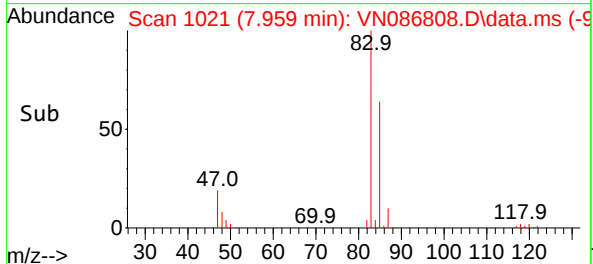
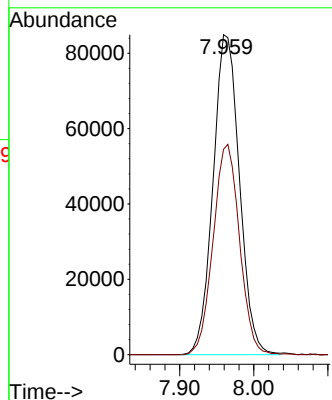
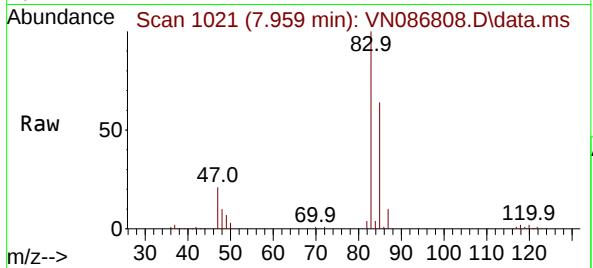
#25
Chloroform
Concen: 48.723 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 210250
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8

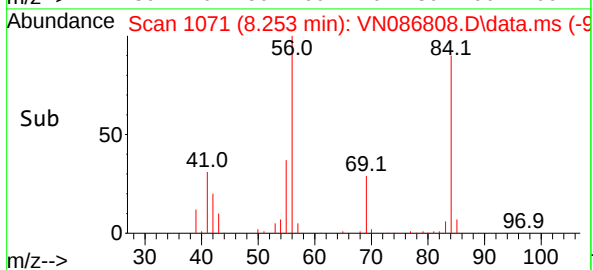
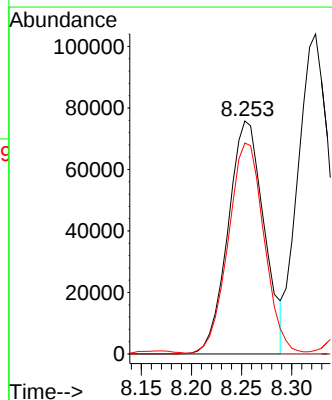
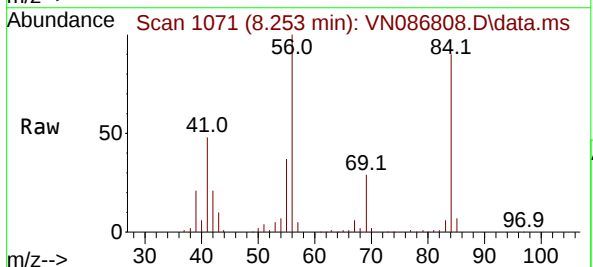
Manual Integrations
APPROVED

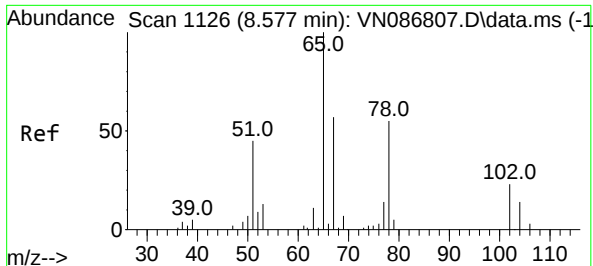
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
Cyclohexane
Concen: 49.601 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 56 Resp: 189266
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.1 70.4 105.6





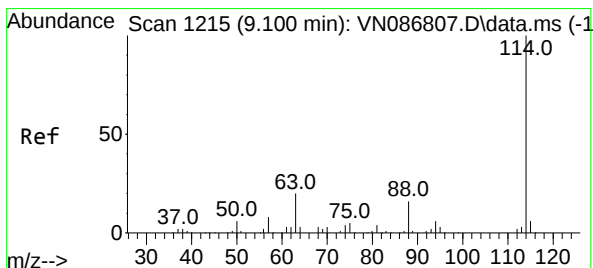
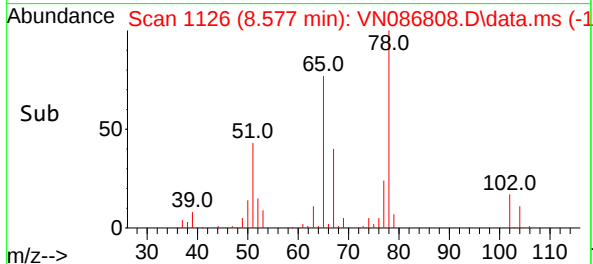
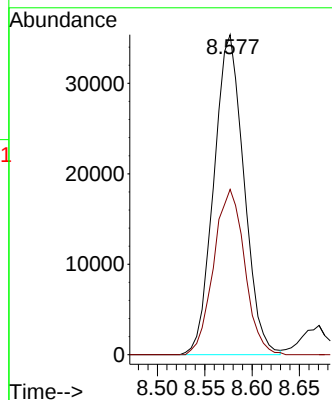
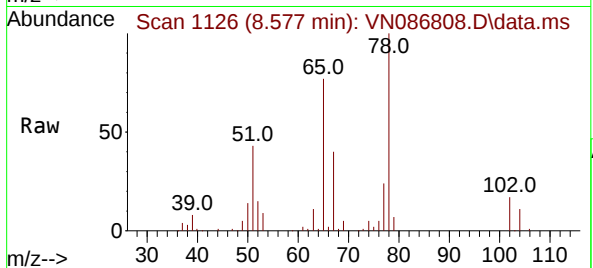
#27
1,2-Dichloroethane-d4
Concen: 30.015 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 78078
Ion Ratio Lower Upper
65 100
67 53.2 44.6 67.0

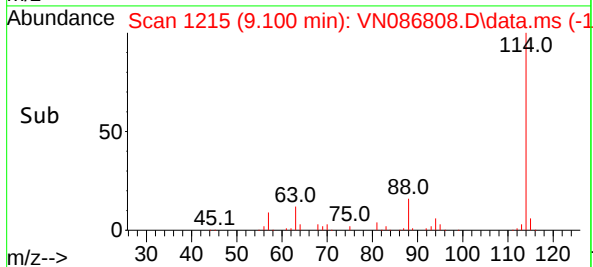
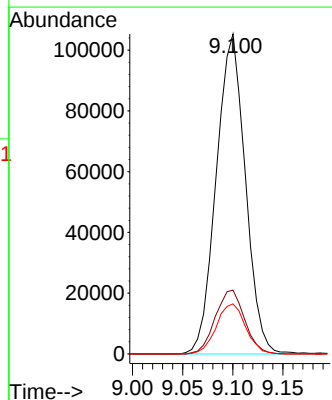
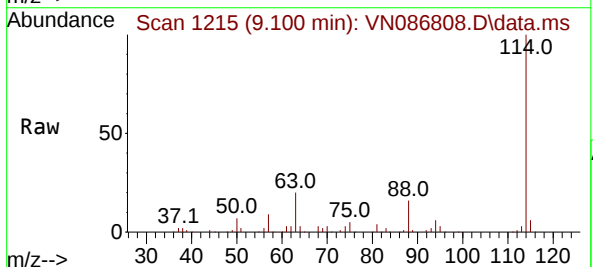
Manual Integrations
APPROVED

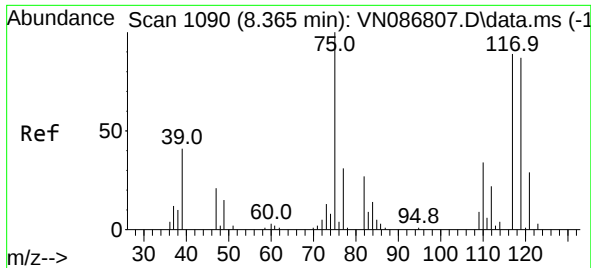
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:114 Resp: 212173
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.8
88 15.8 12.9 19.3





#29

1,1-Dichloropropene

Concen: 50.077 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 15621

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.0

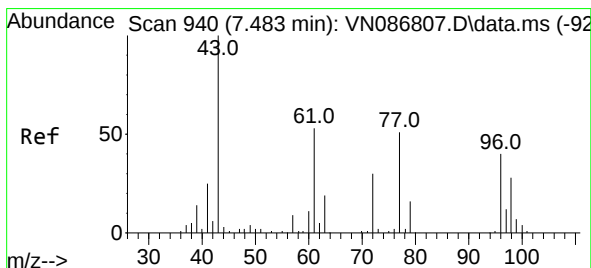
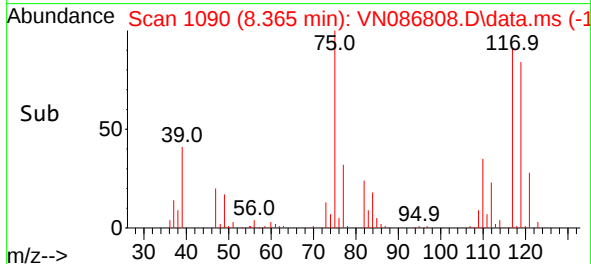
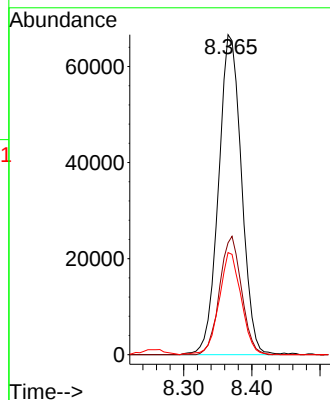
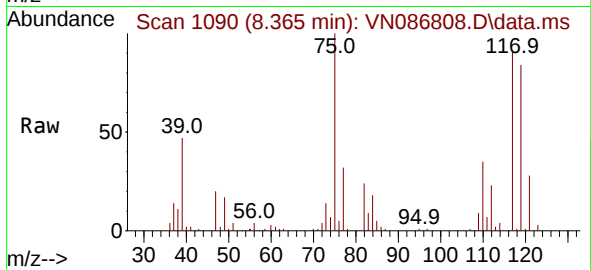
77 30.8 0.0 62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

2-Butanone

Concen: 250.734 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

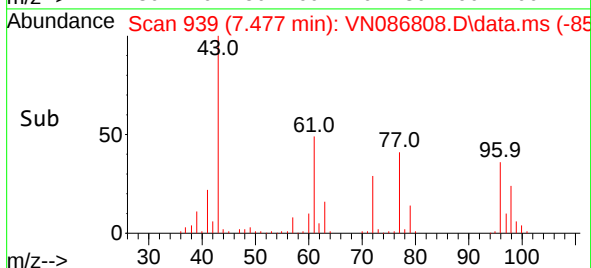
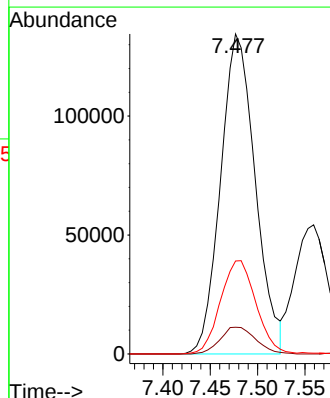
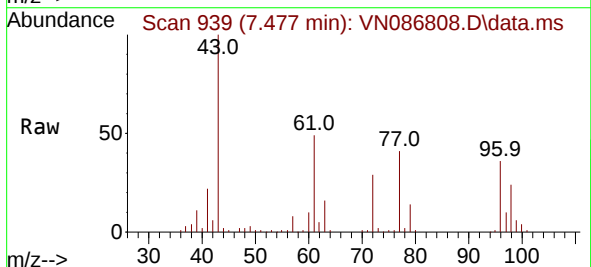
Tgt Ion: 43 Resp: 342713

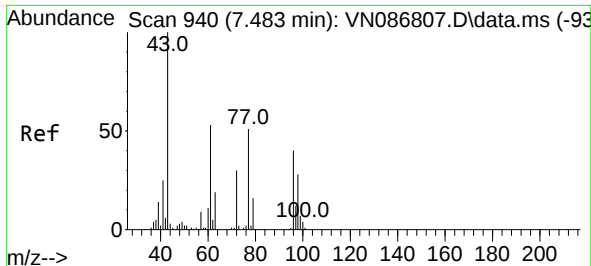
Ion Ratio Lower Upper

43 100

57 8.6 6.8 10.2

72 29.8 23.4 35.0





#31

2,2-Dichloropropane

Concen: 49.922 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 183830

Ion Ratio Lower Upper

77 100

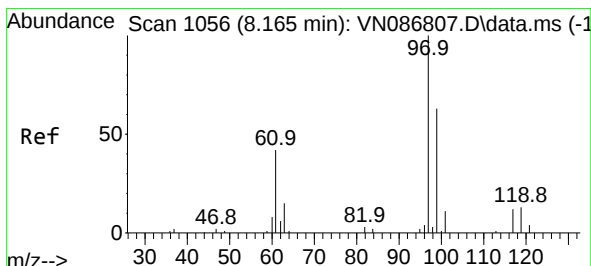
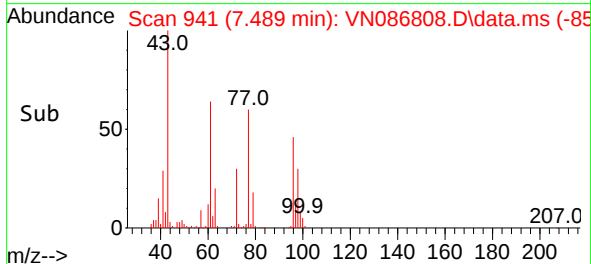
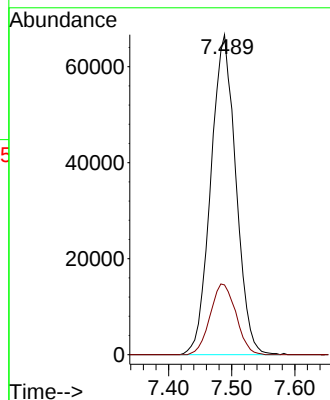
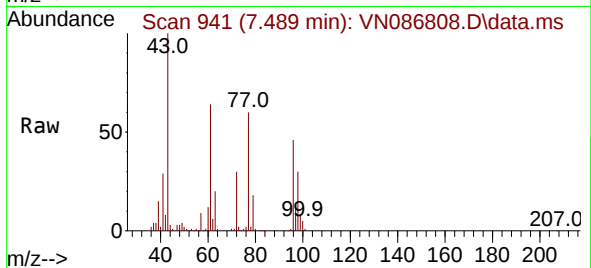
97 22.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#32

1,1,1-Trichloroethane

Concen: 49.798 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

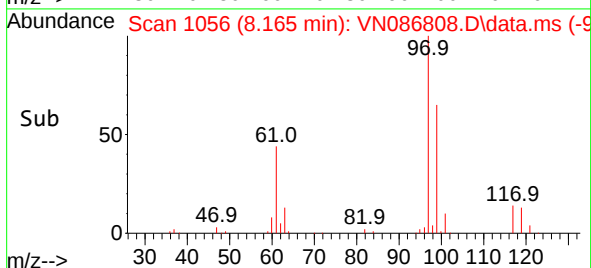
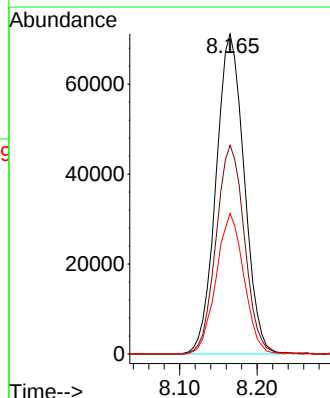
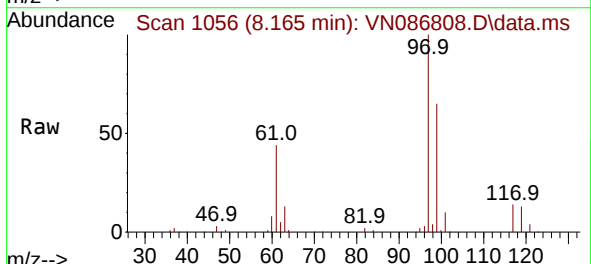
Tgt Ion: 97 Resp: 180080

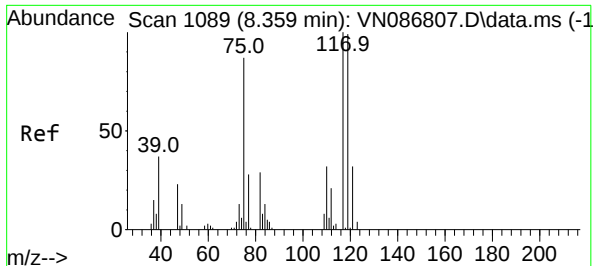
Ion Ratio Lower Upper

97 100

99 65.7 51.7 77.5

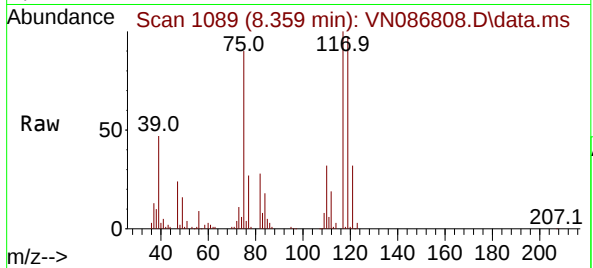
61 43.3 35.4 53.2





#33
Carbon Tetrachloride
Concen: 50.583 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

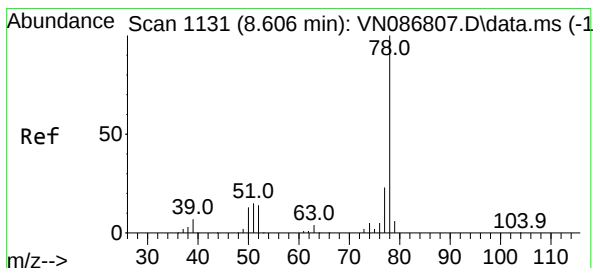
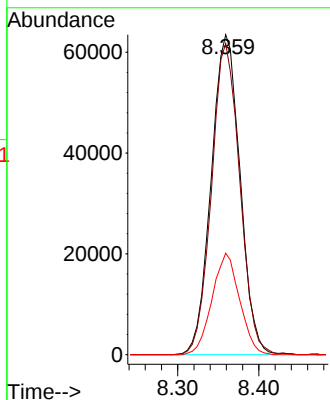
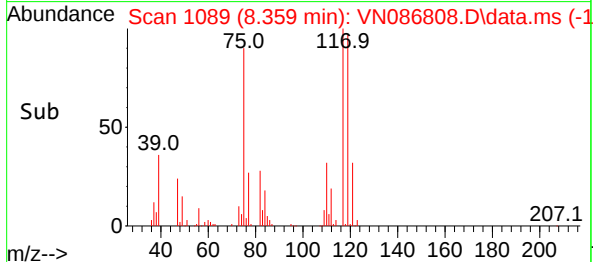
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



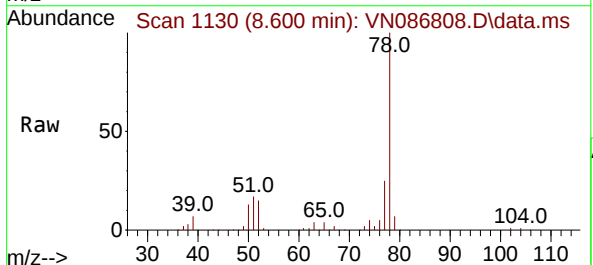
Tgt Ion:117 Resp: 156360
Ion Ratio Lower Upper
117 100
119 97.0 79.2 118.8
121 31.7 25.6 38.4

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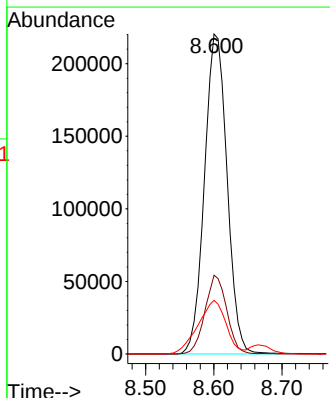
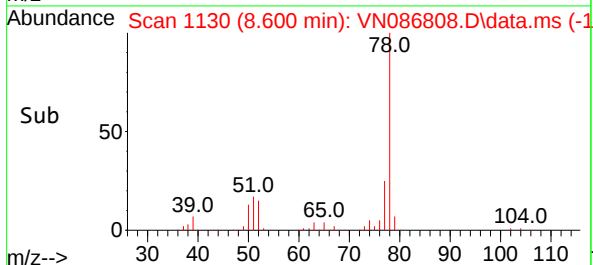
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

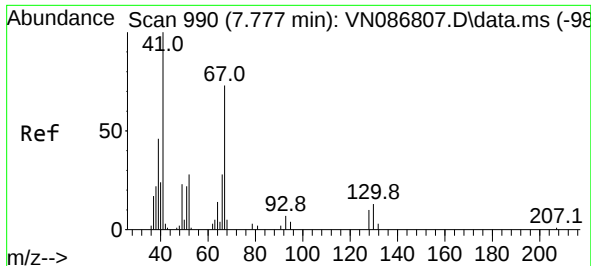


#34
Benzene
Concen: 50.104 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



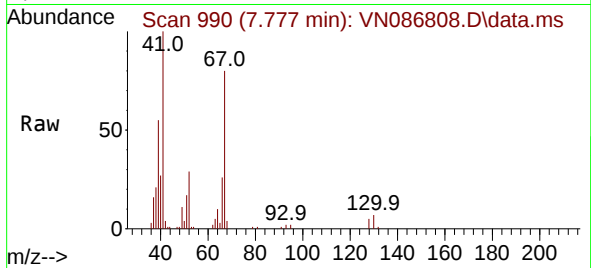
Tgt Ion: 78 Resp: 508562
Ion Ratio Lower Upper
78 100
77 24.6 18.2 27.2
51 16.1 11.9 17.9





#35
Methacrylonitrile
Concen: 49.465 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

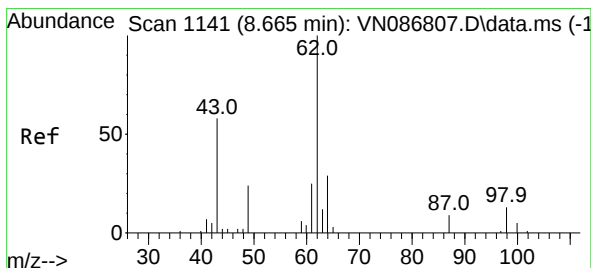
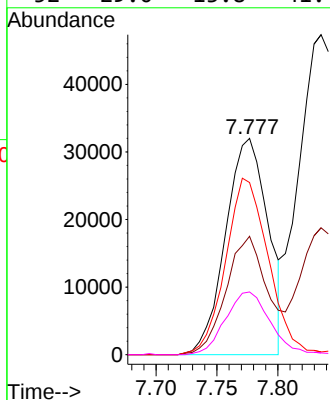
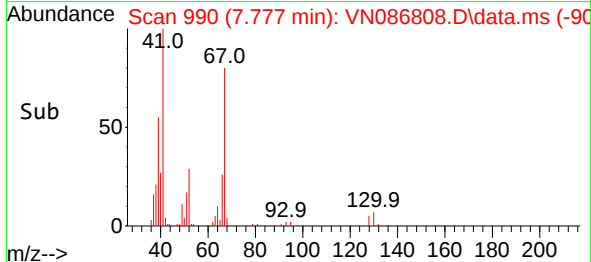
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 7766
Ion Ratio Lower Upper
41 100
39 54.7 23.2 69.6
67 79.6 36.5 109.7
52 29.0 13.8 41.4

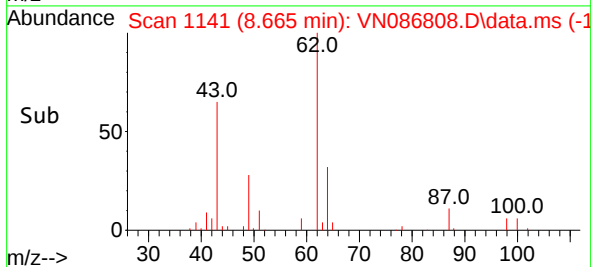
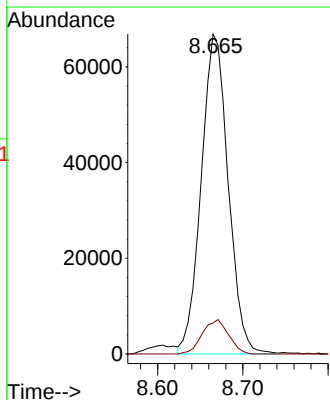
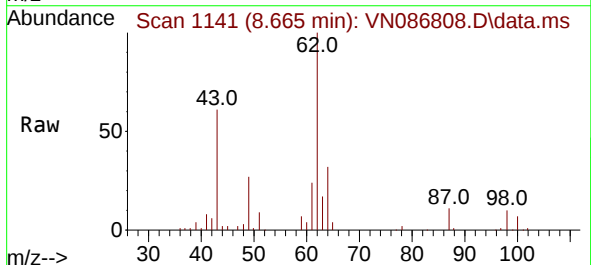
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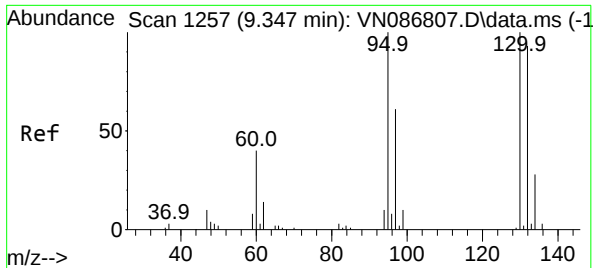
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,2-Dichloroethane
Concen: 49.552 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

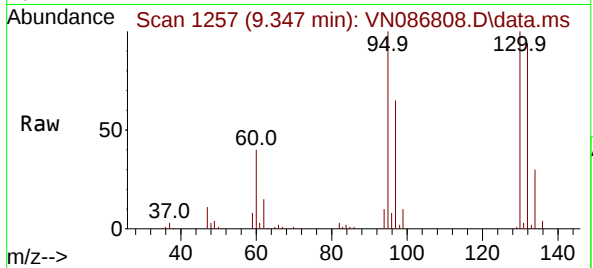
Tgt Ion: 62 Resp: 147384
Ion Ratio Lower Upper
62 100
98 10.4 8.5 12.7





#37
Trichloroethene
Concen: 49.044 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

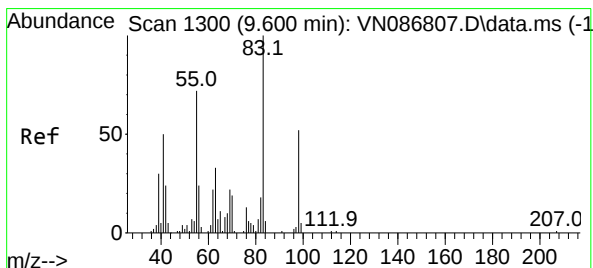
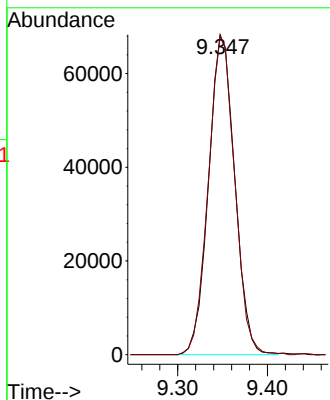
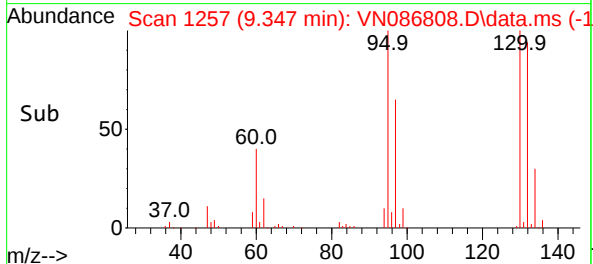
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



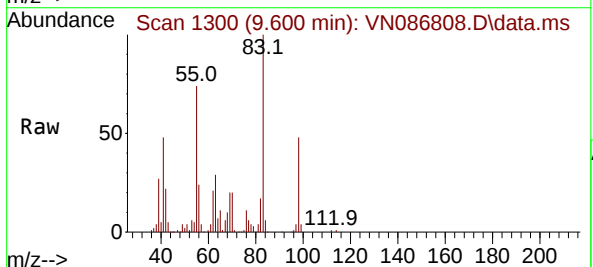
Tgt Ion:130 Resp: 138080
Ion Ratio Lower Upper
130 100
95 99.5 80.3 120.5

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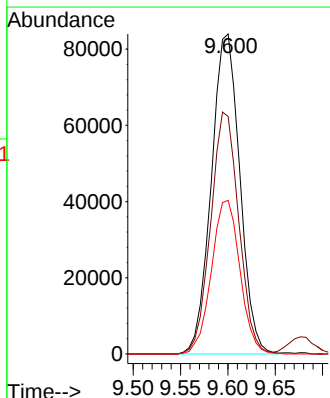
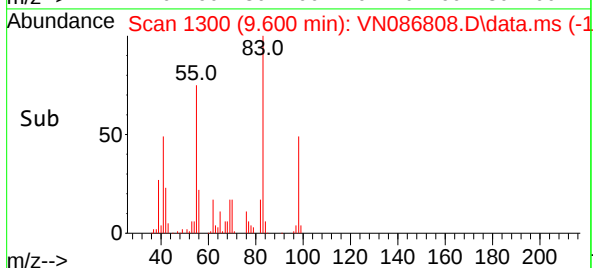
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

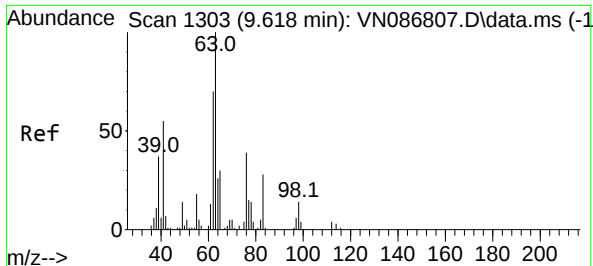


#38
Methylcyclohexane
Concen: 50.836 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



Tgt Ion: 83 Resp: 175956
Ion Ratio Lower Upper
83 100
55 74.5 37.4 112.1
98 48.0 24.6 73.6





#39

1,2-Dichloropropane

Concen: 49.730 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 12152

Ion Ratio Lower Upper

63 100

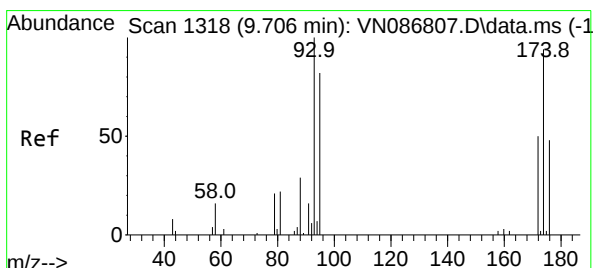
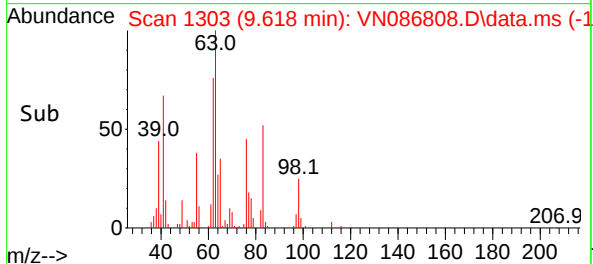
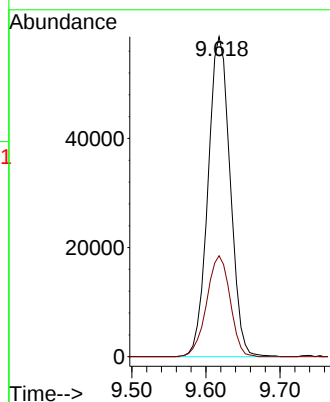
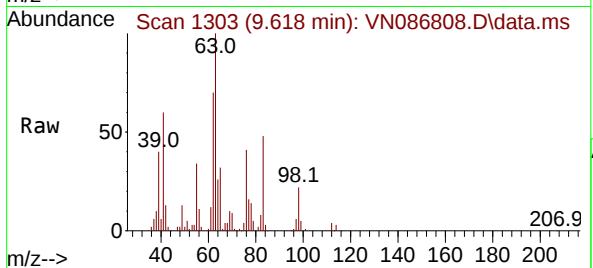
65 31.5 24.2 36.4

Manual Integrations

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Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Dibromomethane

Concen: 50.142 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

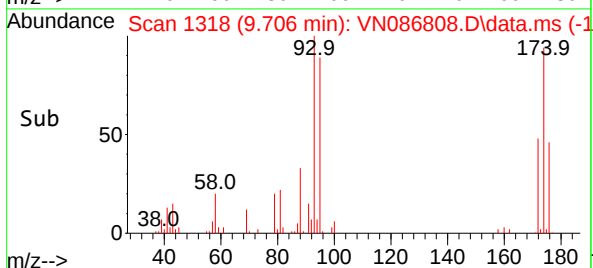
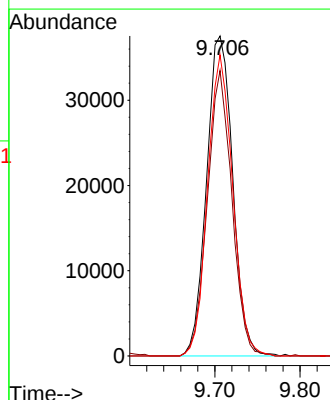
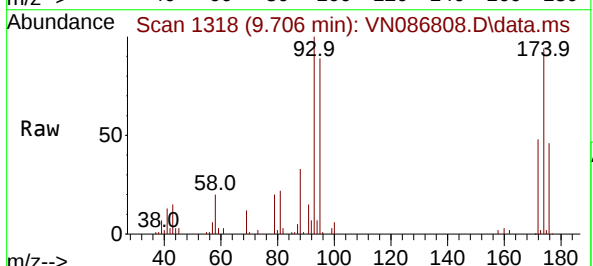
Tgt Ion: 93 Resp: 80141

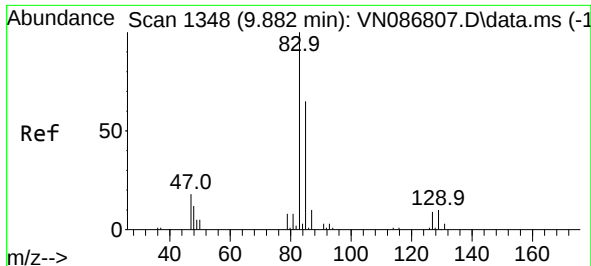
Ion Ratio Lower Upper

93 100

95 83.5 0.0 166.4

174 90.2 0.0 181.8





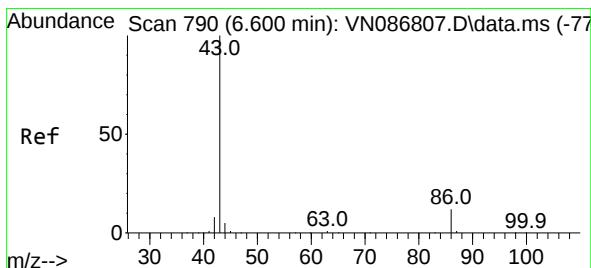
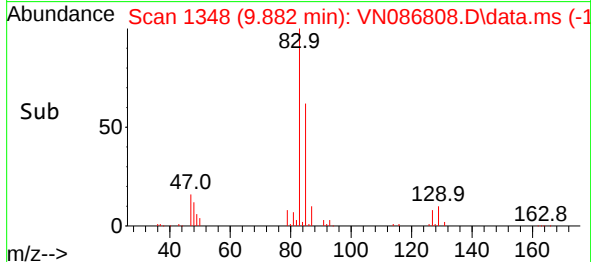
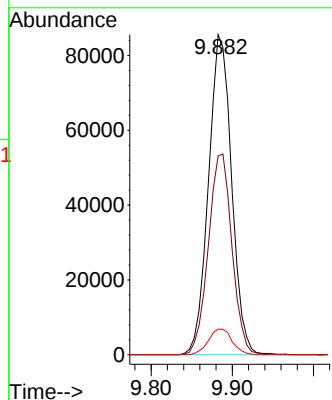
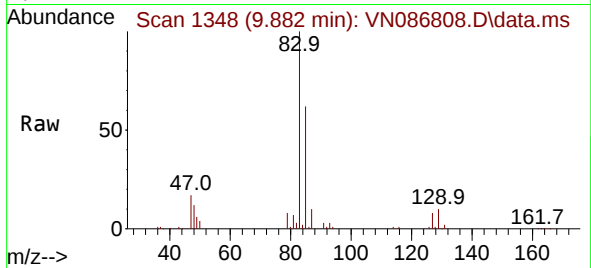
#41
Bromodichloromethane
Concen: 50.546 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 169100
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.8
127 8.0 6.8 10.2

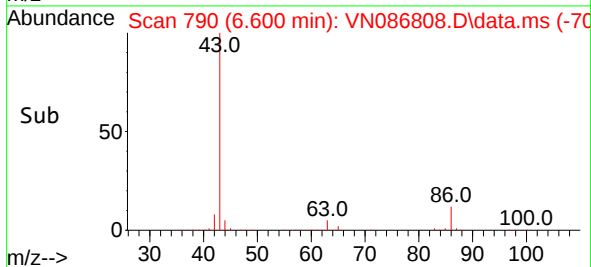
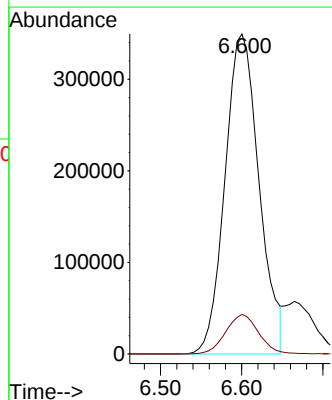
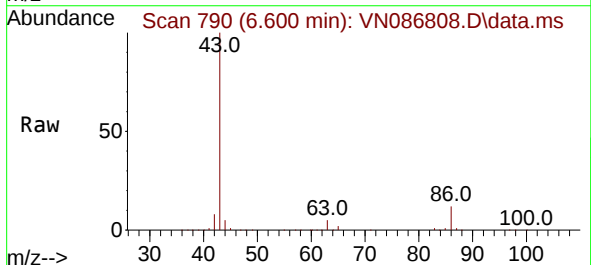
Manual Integrations
APPROVED

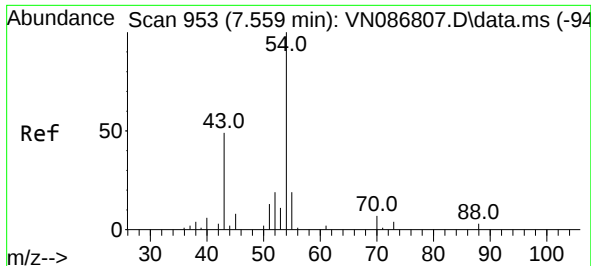
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
Vinyl Acetate
Concen: 256.515 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

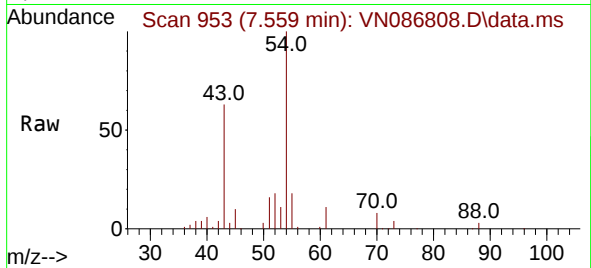
Tgt Ion: 43 Resp: 1022005
Ion Ratio Lower Upper
43 100
86 11.9 9.5 14.3





#43
Ethyl Acetate
Concen: 49.082 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

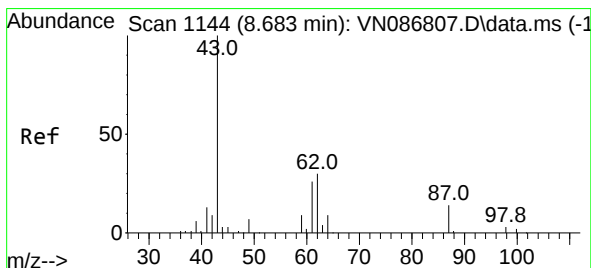
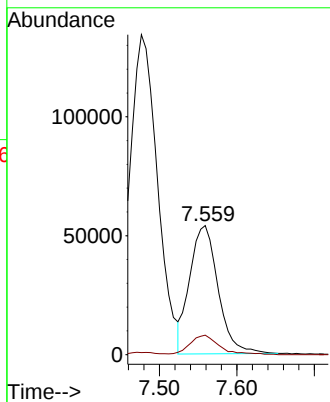
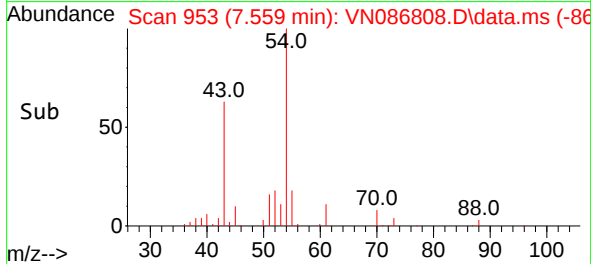
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 13727
Ion Ratio Lower Upper
43 100
45 15.1 11.1 16.7

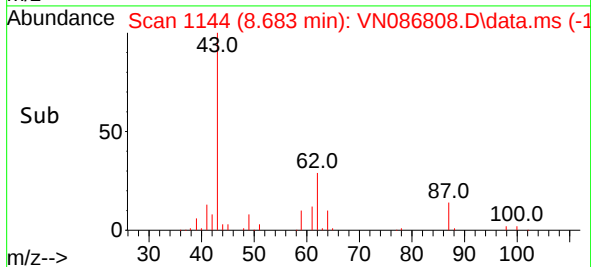
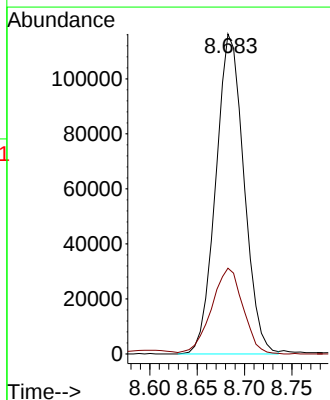
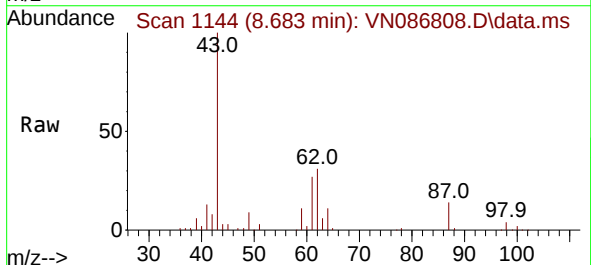
Manual Integrations
APPROVED

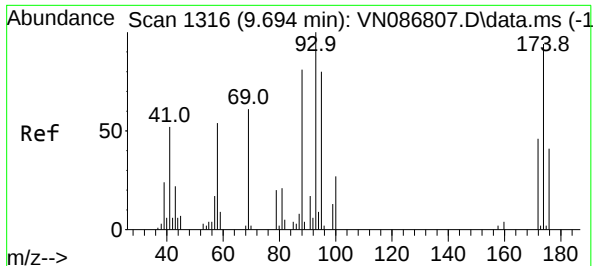
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Isopropyl Acetate
Concen: 50.186 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 240786
Ion Ratio Lower Upper
43 100
61 29.9 23.8 35.6





#45

1,4-Dioxane

Concen: 1047.904 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 4468

Ion Ratio Lower Upper

88 100

43 25.1 23.0 34.6

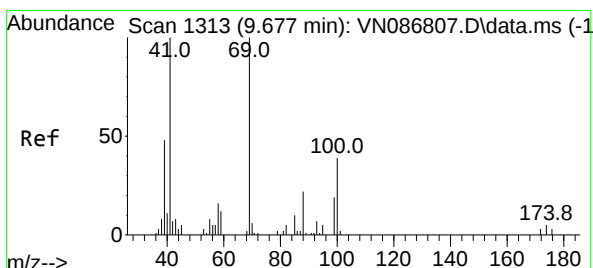
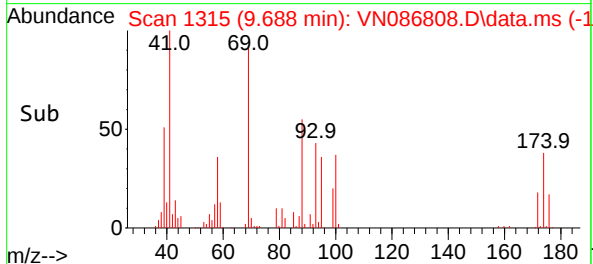
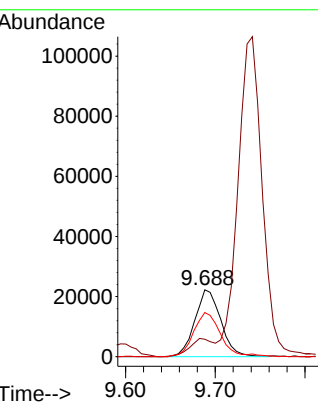
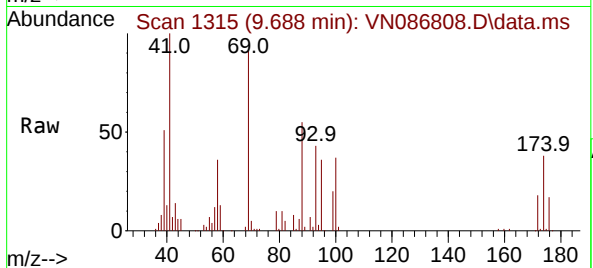
58 67.0 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#46

Methyl methacrylate

Concen: 51.702 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

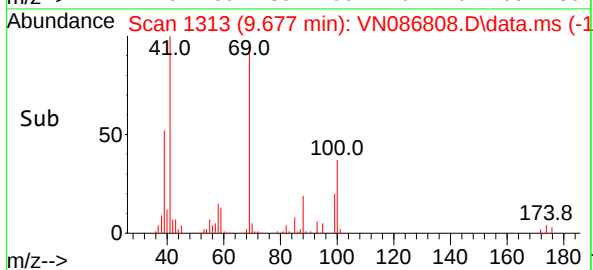
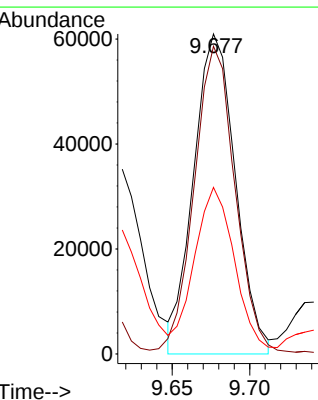
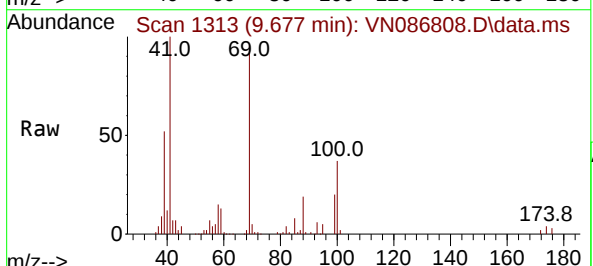
Tgt Ion: 41 Resp: 114379

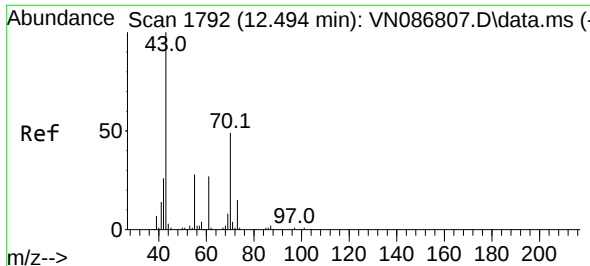
Ion Ratio Lower Upper

41 100

69 97.5 48.0 144.2

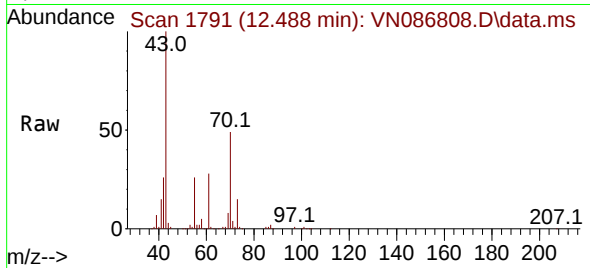
39 52.2 23.8 71.2





#47
n-amy1 Acetate
Concen: 50.074 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

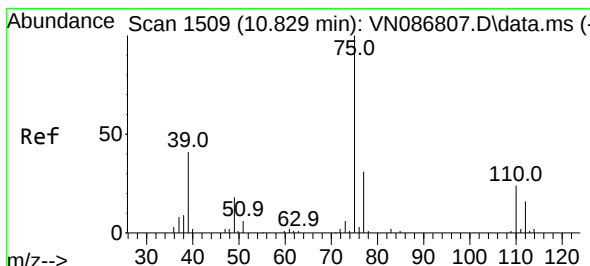
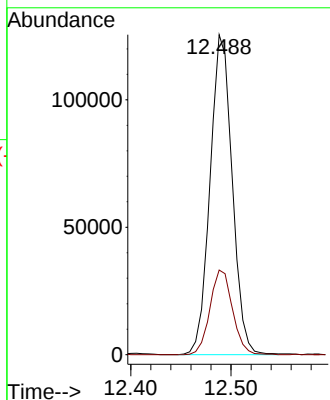
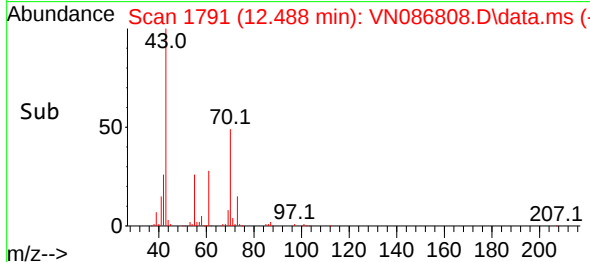
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 192875
Ion Ratio Lower Upper
43 100
55 26.9 21.7 32.5

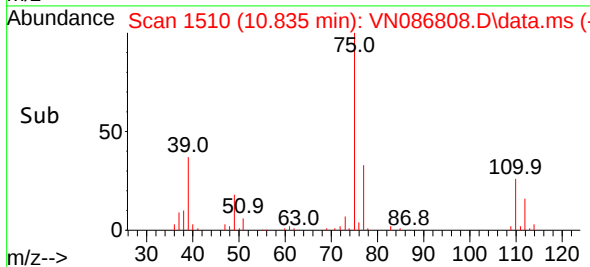
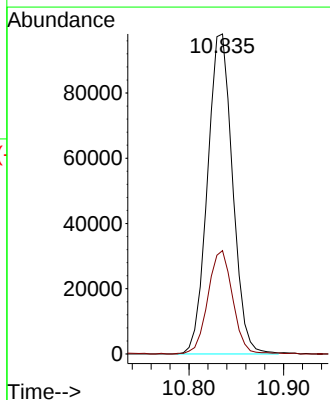
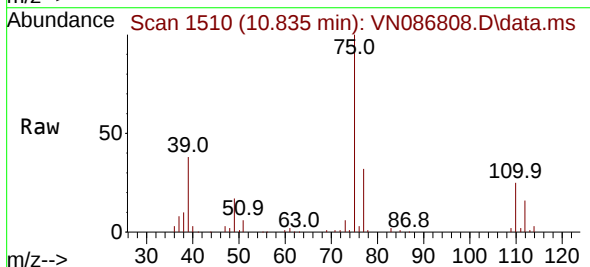
Manual Integrations
APPROVED

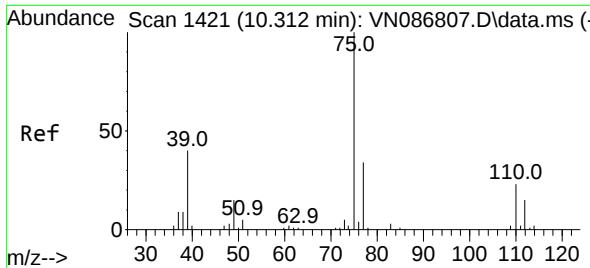
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 50.515 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

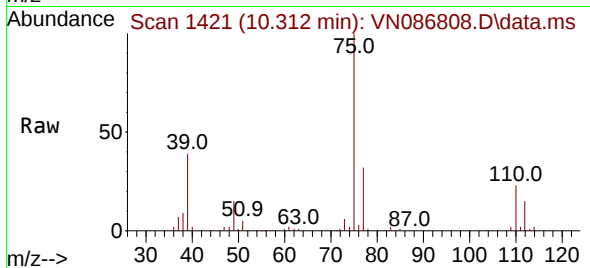
Tgt Ion: 75 Resp: 180849
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 50.195 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

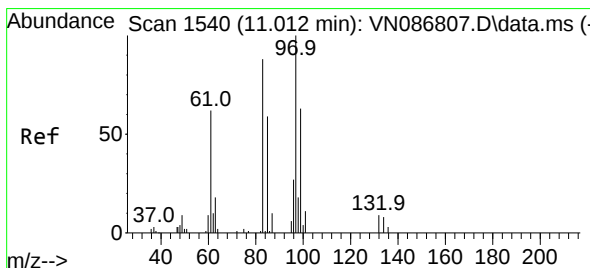
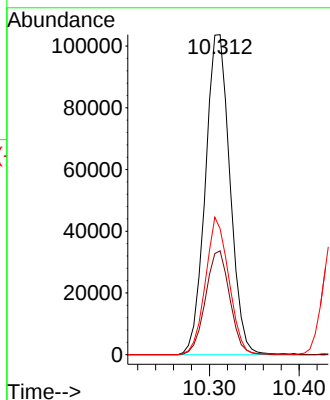
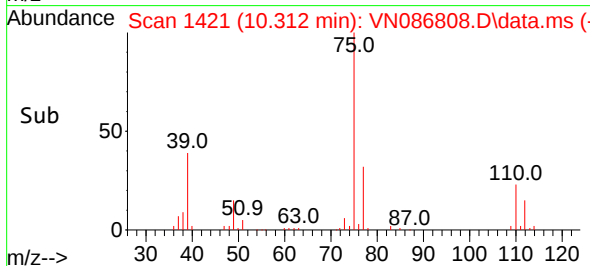
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 19766
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.9 40.3
 39 39.4 31.8 47.6

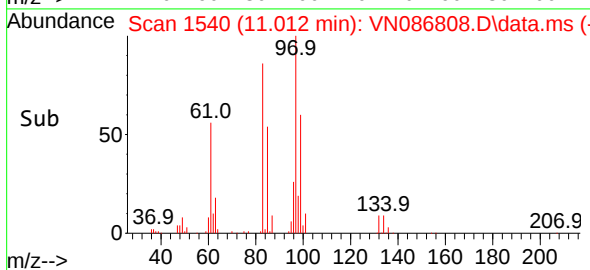
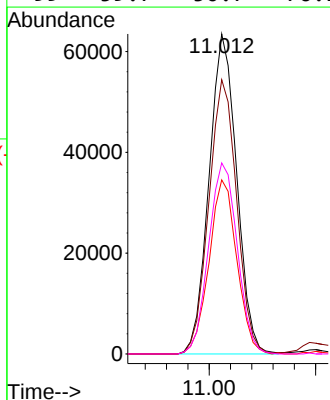
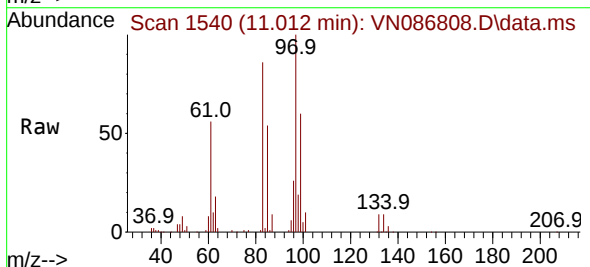
Manual Integrations
 APPROVED

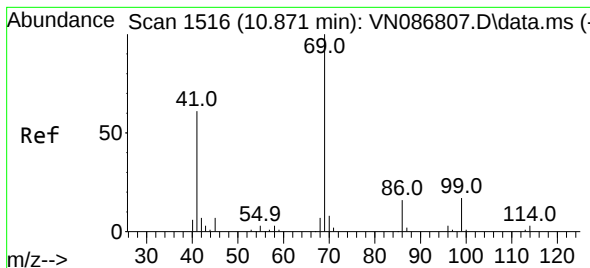
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 97 Resp: 114479
 Ion Ratio Lower Upper
 97 100
 83 85.7 70.6 105.8
 85 54.4 46.8 70.2
 99 59.7 50.7 76.1





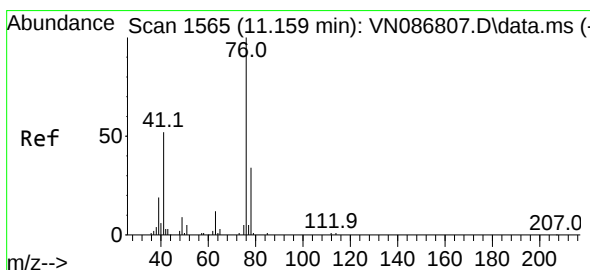
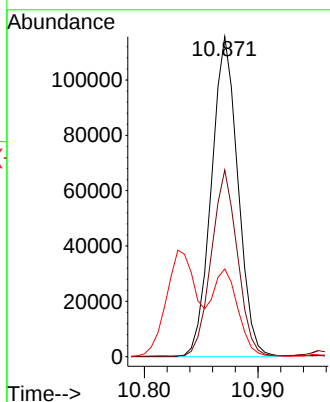
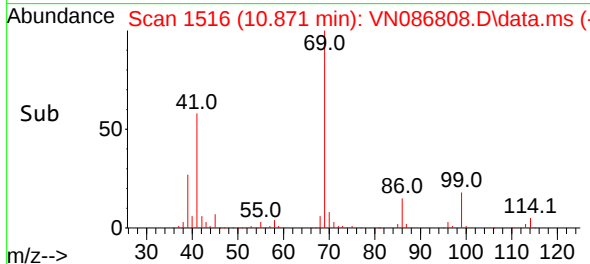
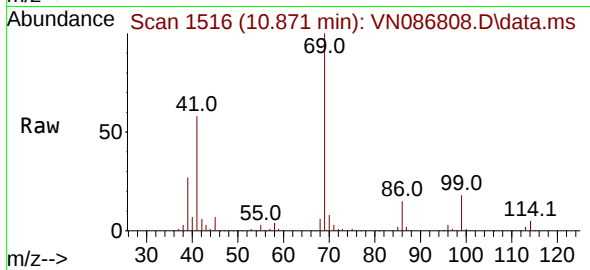
#51
Ethyl methacrylate
Concen: 51.515 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 69 Resp: 187800
Ion Ratio Lower Upper
69 100
41 58.1 30.5 91.5
39 27.2 14.3 42.9

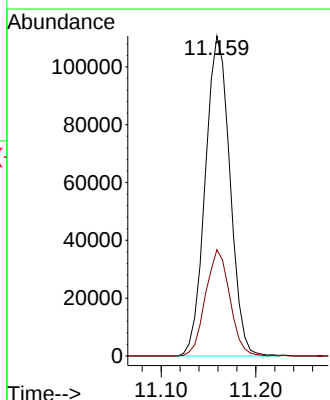
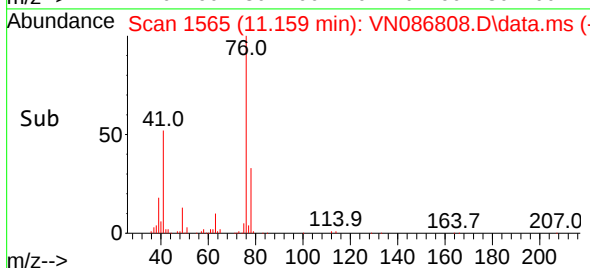
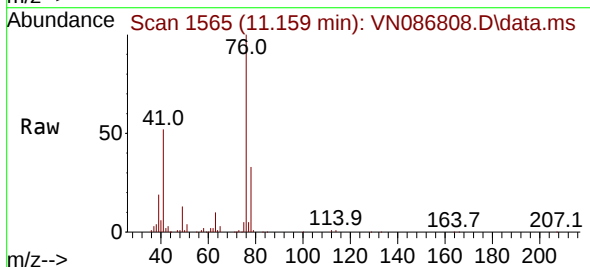
Manual Integrations
APPROVED

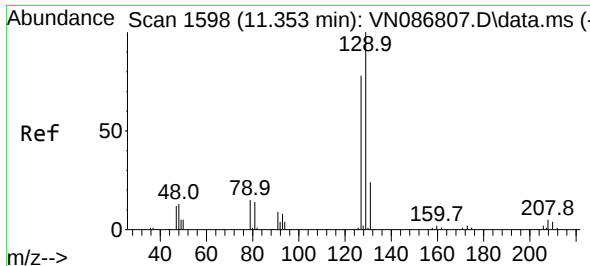
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
1,3-Dichloropropane
Concen: 50.120 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

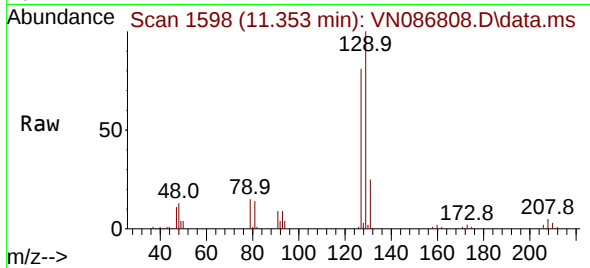
Tgt Ion: 76 Resp: 200223
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





#53
Dibromochloromethane
Concen: 49.708 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

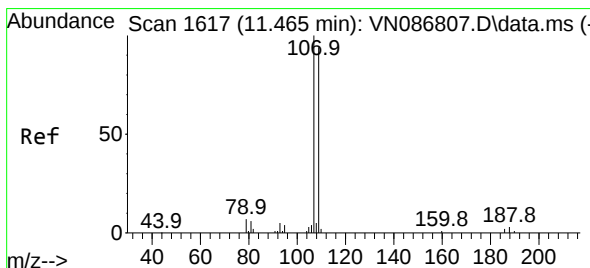
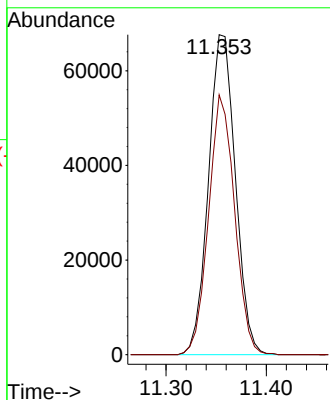
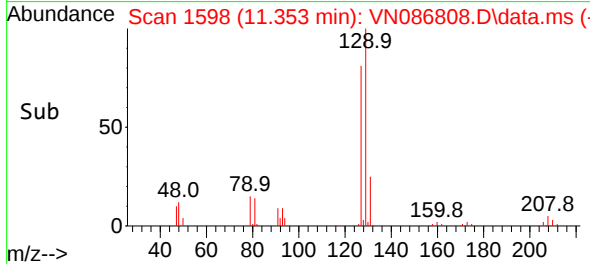
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



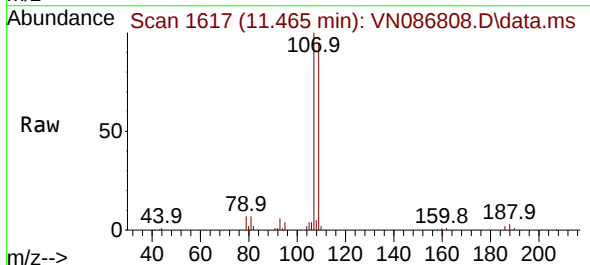
Tgt Ion:129 Resp: 126440
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3

Manual Integrations
APPROVED

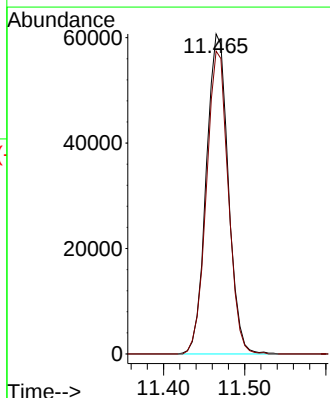
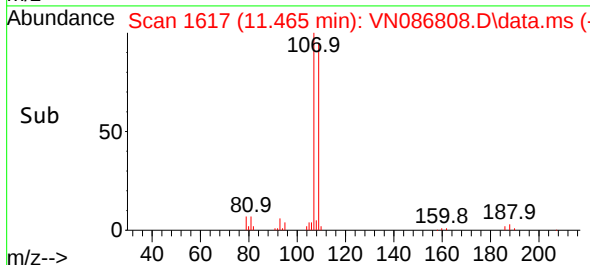
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

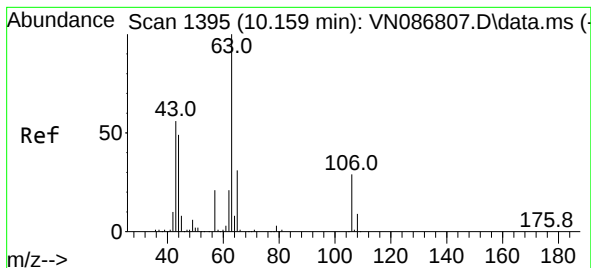


#54
1,2-Dibromoethane
Concen: 49.608 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



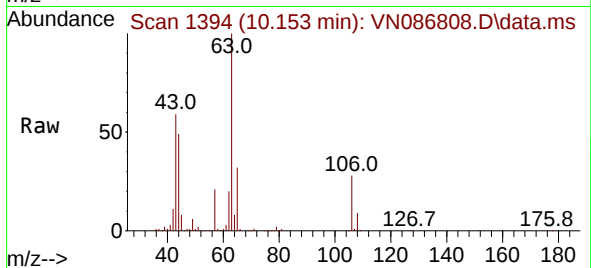
Tgt Ion:107 Resp: 114146
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 254.433 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

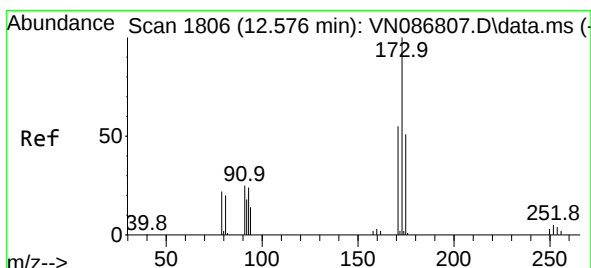
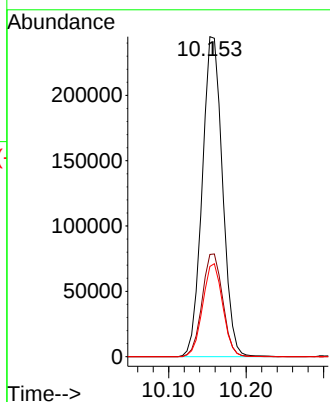
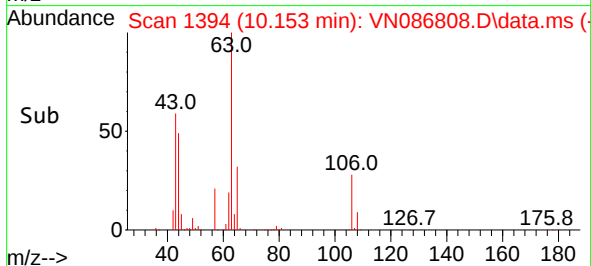
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 445248
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 28.8 22.7 34.1

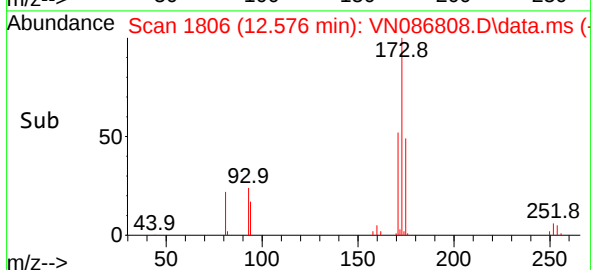
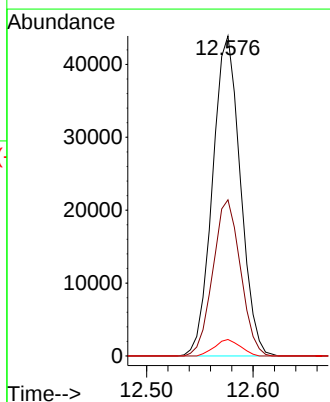
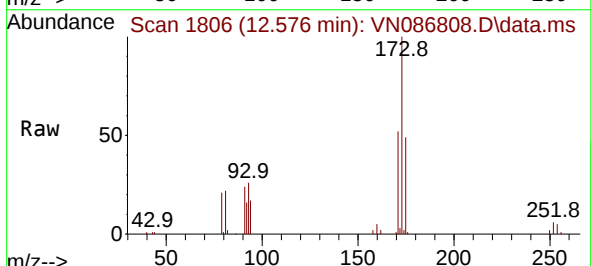
Manual Integrations
APPROVED

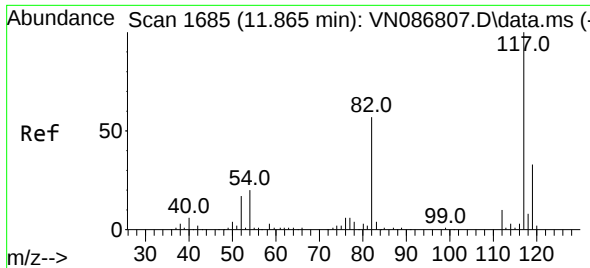
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 49.687 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

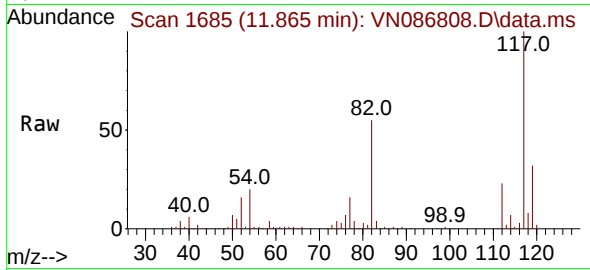
Tgt Ion:173 Resp: 79637
Ion Ratio Lower Upper
173 100
175 48.4 39.7 59.5
254 4.7 3.5 5.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

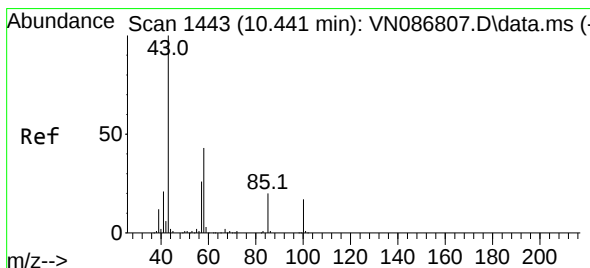
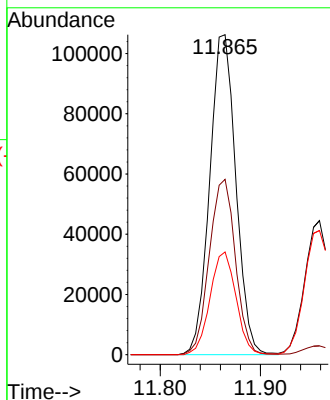
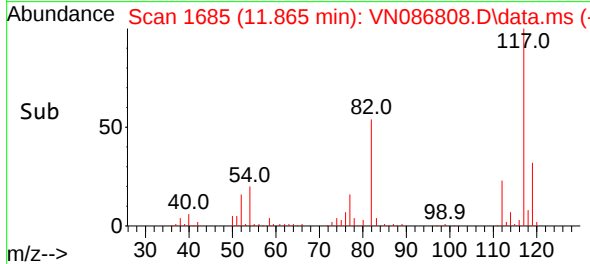
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 117 Resp: 192449
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 31.8 25.6 38.4

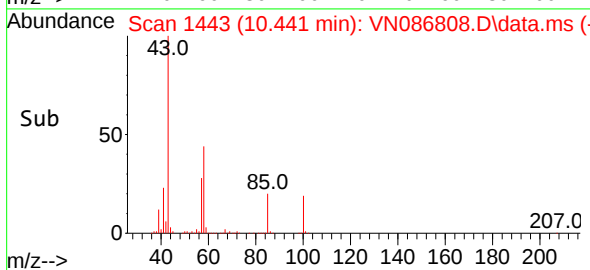
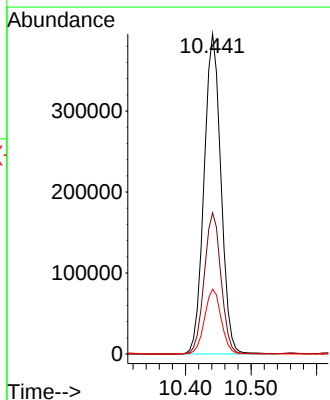
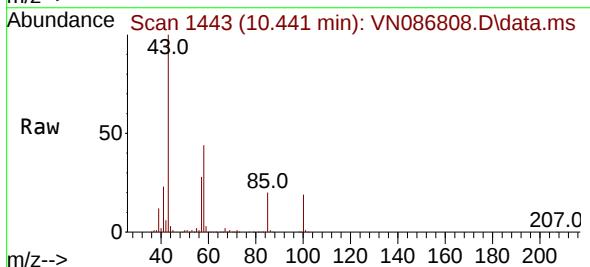
Manual Integrations
APPROVED

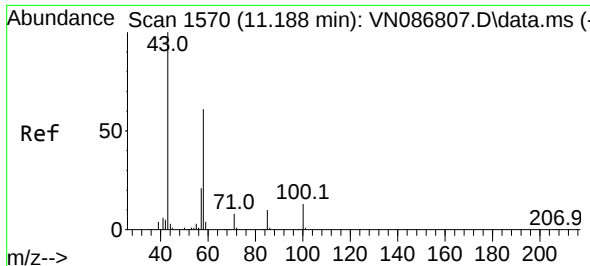
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
4-Methyl-2-Pentanone
Concen: 250.849 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

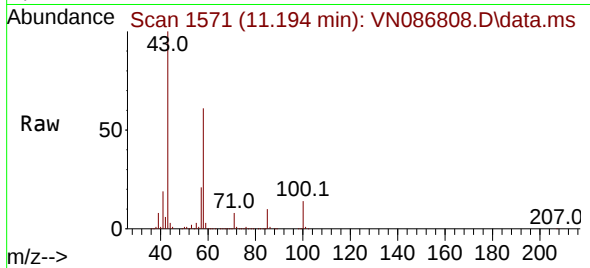
Tgt Ion: 43 Resp: 708363
Ion Ratio Lower Upper
43 100
58 43.8 34.5 51.7
85 19.9 15.8 23.8





#59
2-Hexanone
Concen: 251.677 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

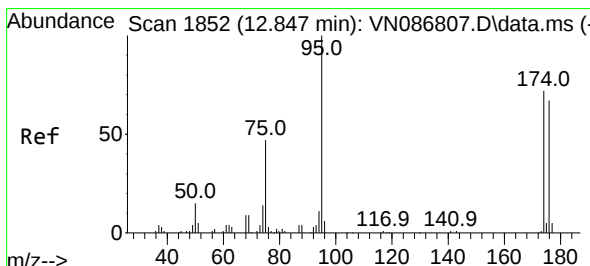
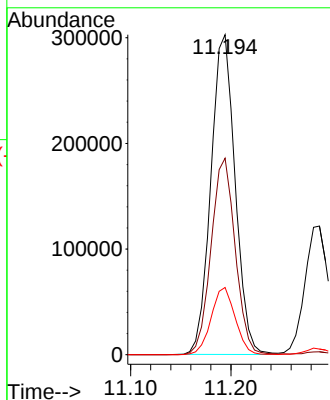
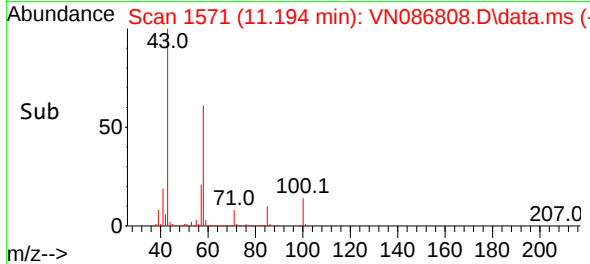
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 509079
Ion Ratio Lower Upper
43 100
58 61.2 49.1 73.7
57 20.9 16.6 25.0

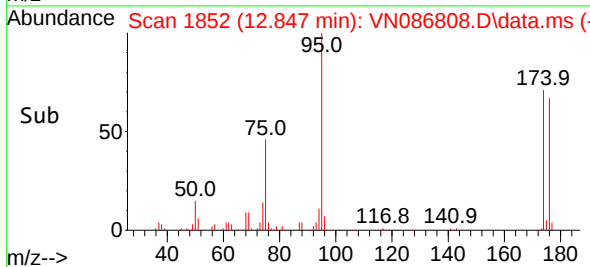
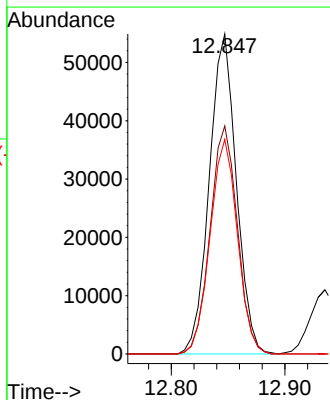
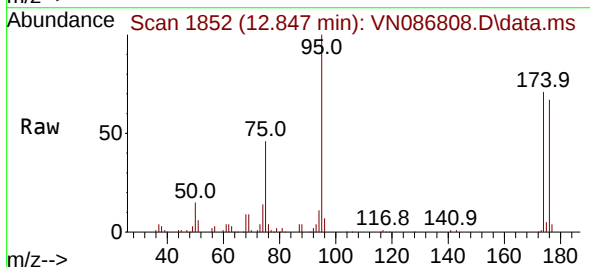
Manual Integrations
APPROVED

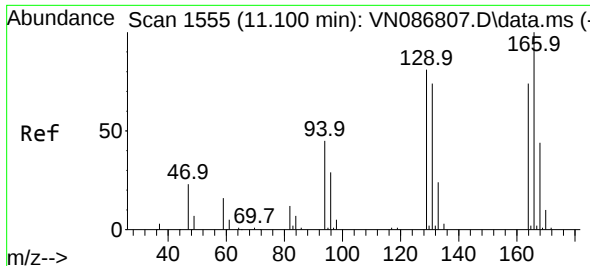
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
4-Bromofluorobenzene
Concen: 30.068 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

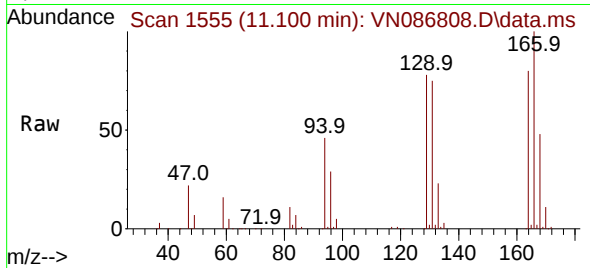
Tgt Ion: 95 Resp: 90850
Ion Ratio Lower Upper
95 100
174 71.7 56.2 84.4
176 67.8 53.4 80.0





#61
Tetrachloroethene
Concen: 50.391 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

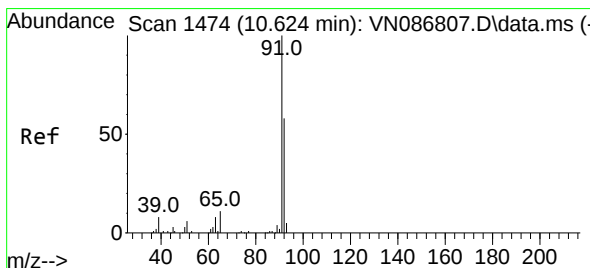
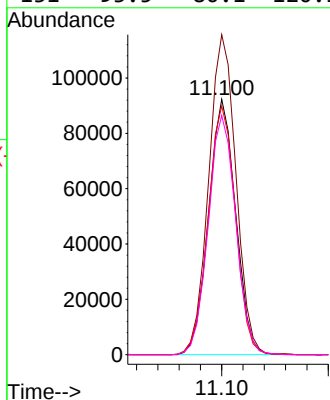
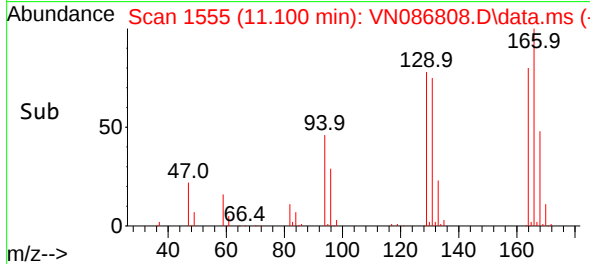
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



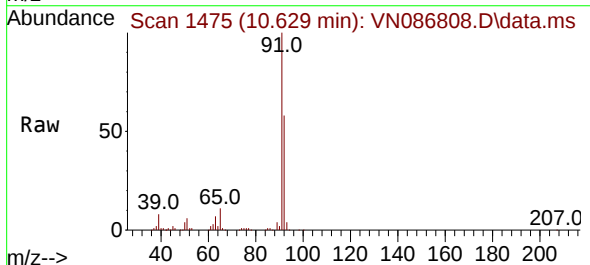
Tgt Ion:164 Resp: 163012
Ion Ratio Lower Upper
164 100
166 125.1 107.5 161.3
129 97.2 87.4 131.2
131 93.5 80.1 120.1

Manual Integrations
APPROVED

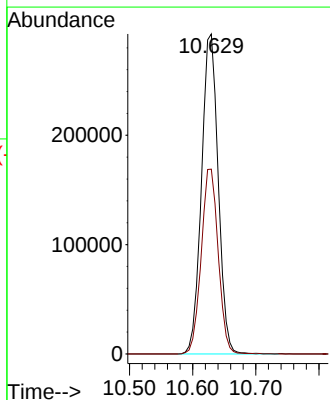
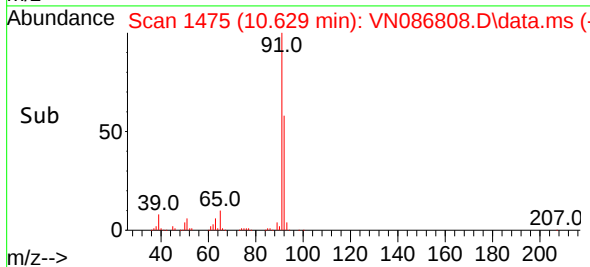
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

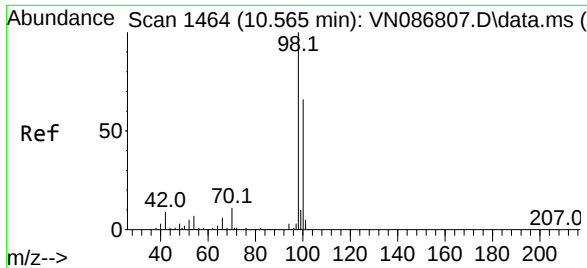


#62
Toluene
Concen: 49.704 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



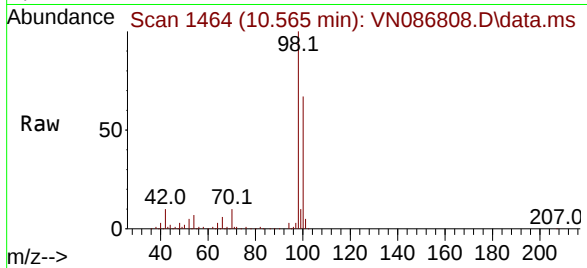
Tgt Ion: 91 Resp: 538722
Ion Ratio Lower Upper
91 100
92 58.6 46.6 70.0





#63
Toluene-d8
Concen: 30.033 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

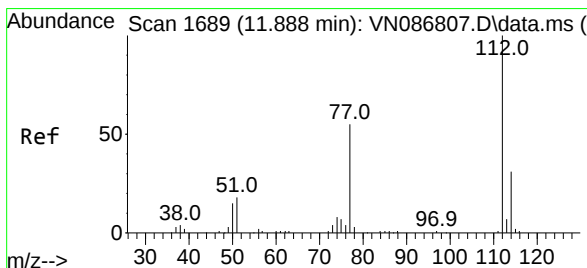
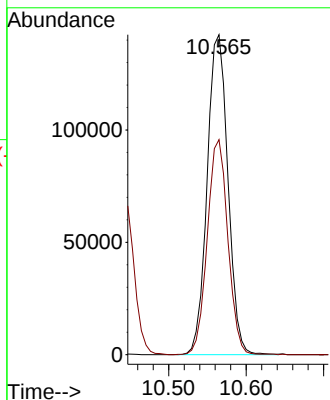
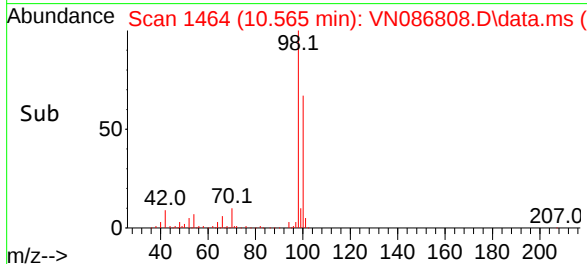
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 26528
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1

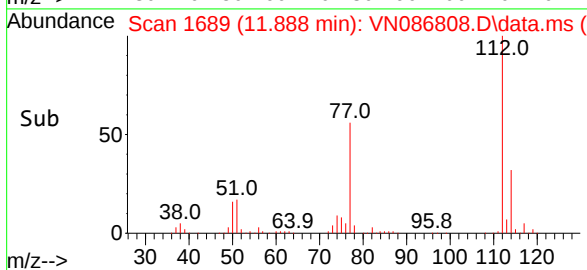
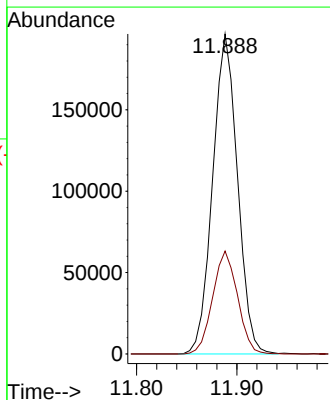
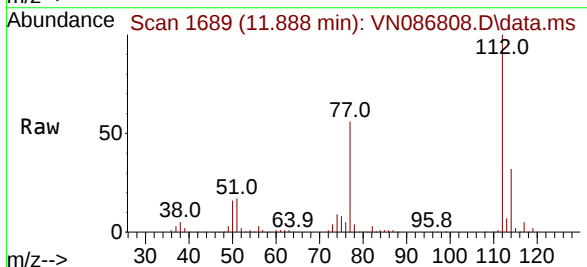
Manual Integrations
APPROVED

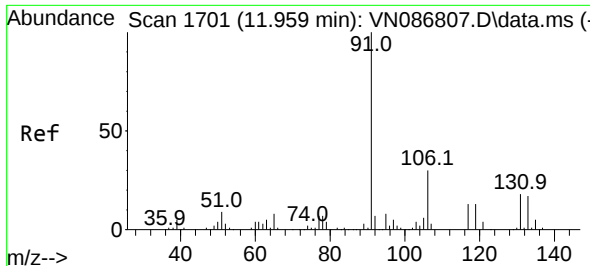
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 48.866 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

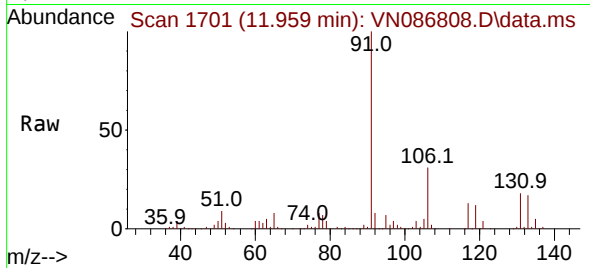
Tgt Ion:112 Resp: 337771
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 49.666 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

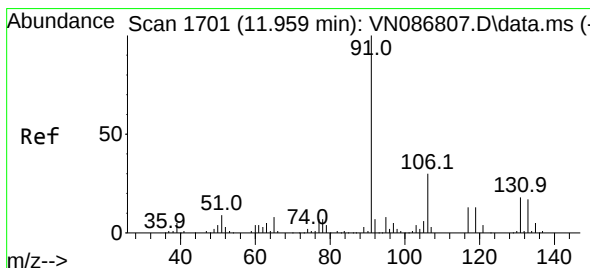
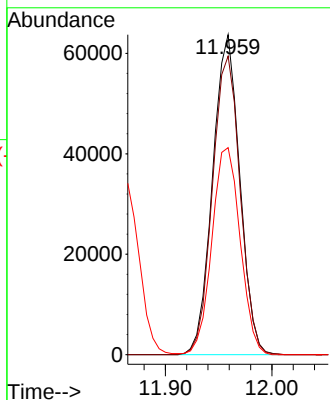
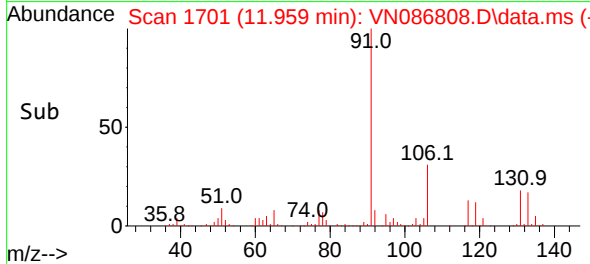
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 112782
Ion Ratio Lower Upper
131 100
133 95.3 0.0 191.0
119 67.4 0.0 140.8

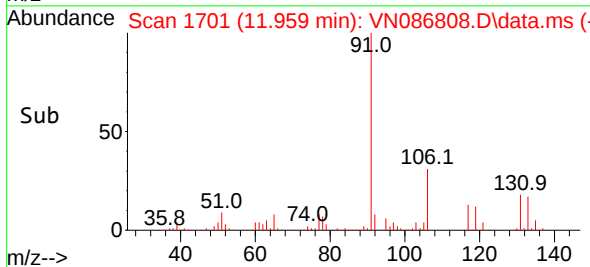
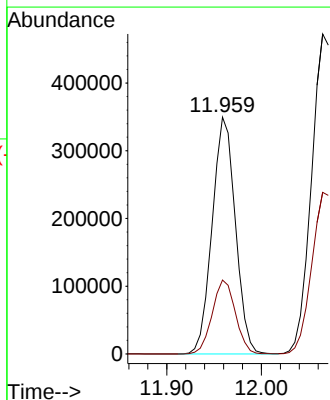
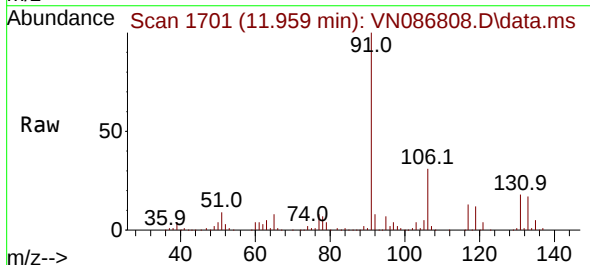
Manual Integrations
APPROVED

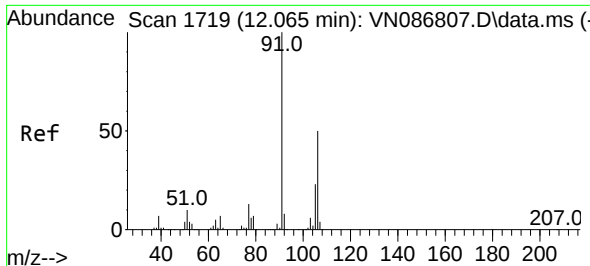
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Ethyl Benzene
Concen: 50.800 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 595548
Ion Ratio Lower Upper
91 100
106 31.2 23.6 35.4





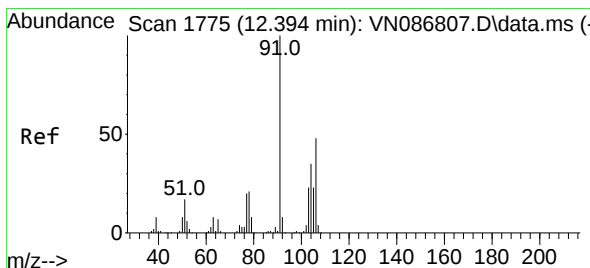
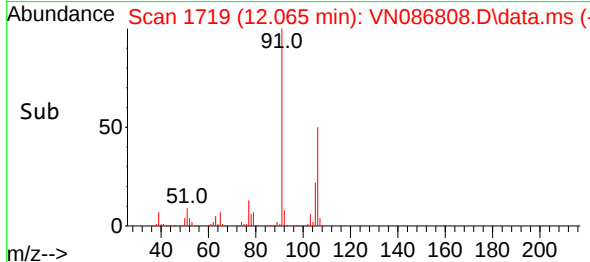
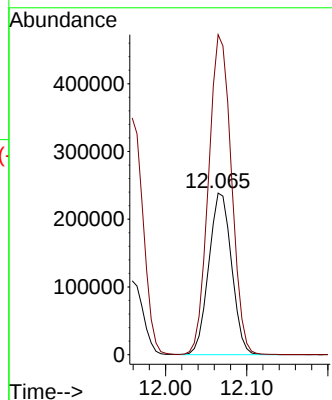
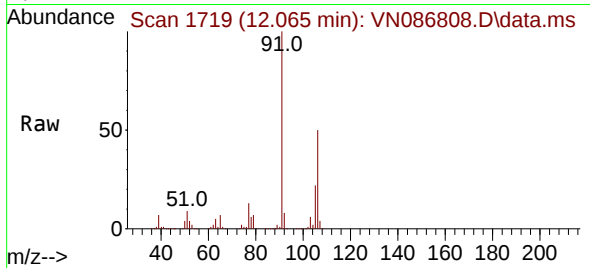
#67
m/p-Xylenes
Concen: 101.259 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 465830
Ion Ratio Lower Upper
106 100
91 198.9 160.7 241.1

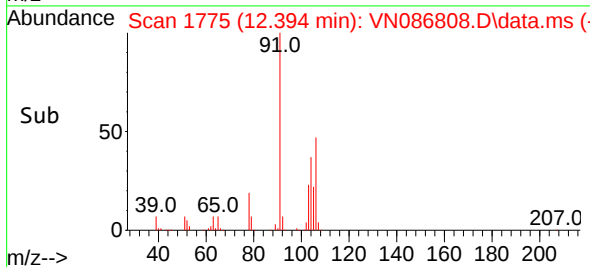
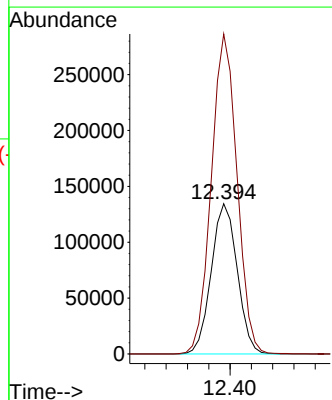
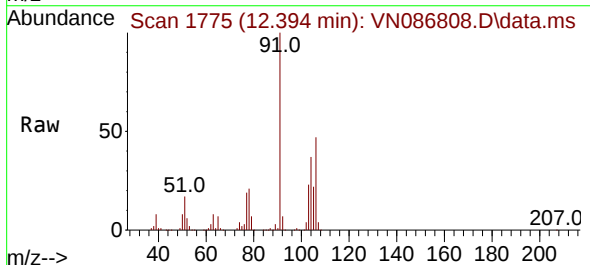
Manual Integrations
APPROVED

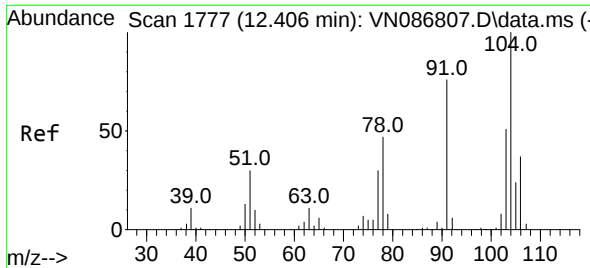
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 51.022 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:106 Resp: 227480
Ion Ratio Lower Upper
106 100
91 210.6 106.3 318.9





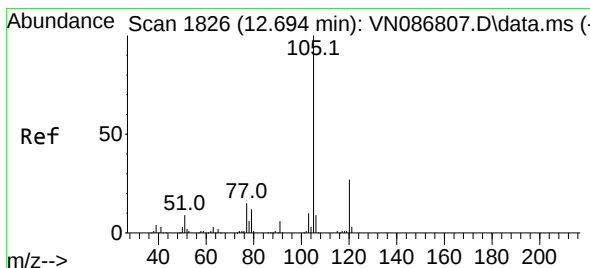
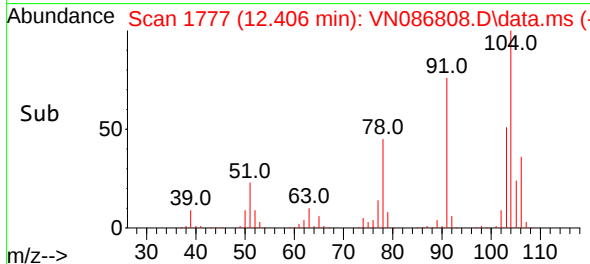
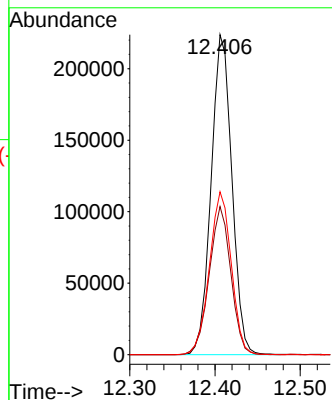
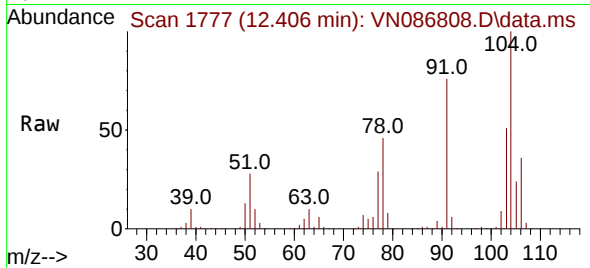
#69
Styrene
Concen: 51.108 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 379629
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 53.6 43.2 64.8

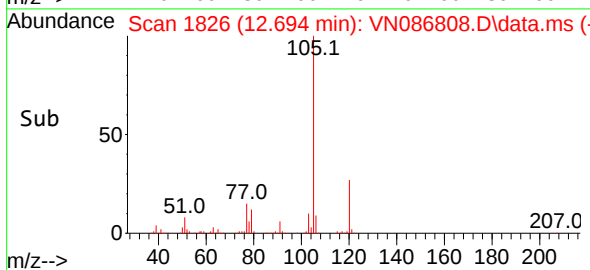
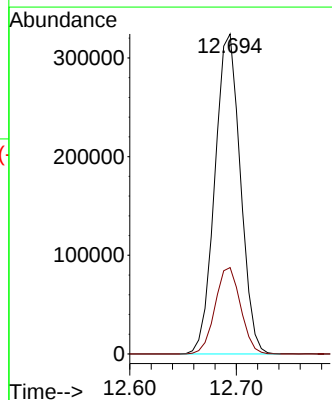
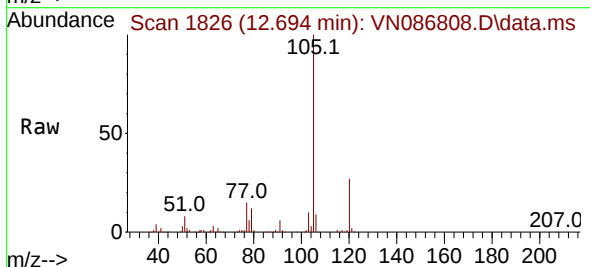
Manual Integrations
APPROVED

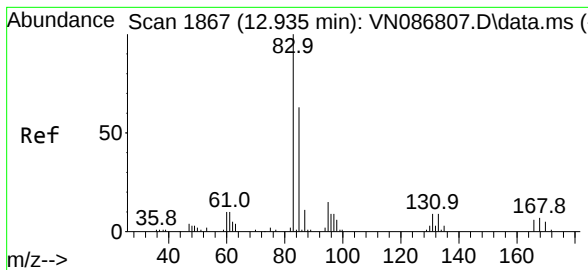
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Isopropylbenzene
Concen: 50.838 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

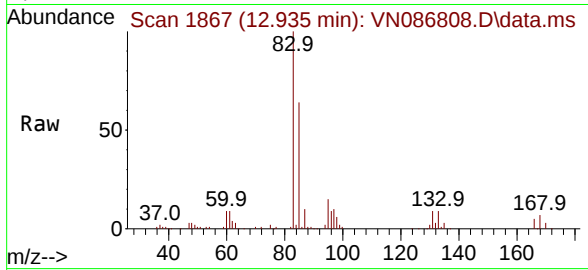
Tgt Ion:105 Resp: 539101
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 49.545 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

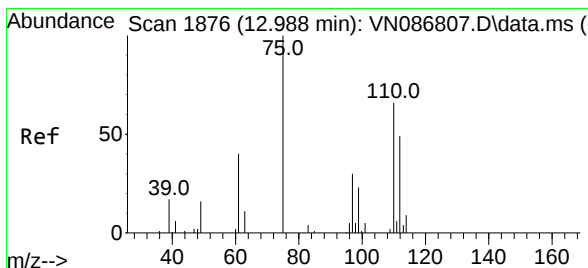
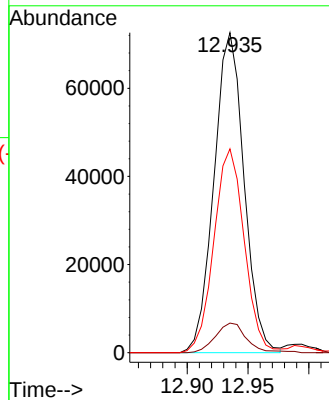
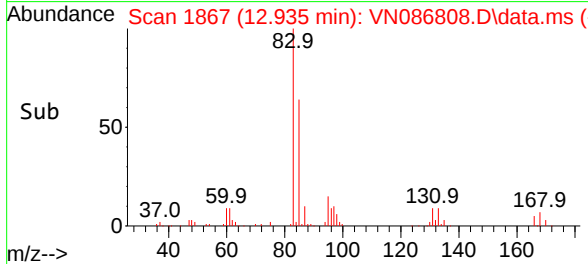
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 12491
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.2 32.6 97.7

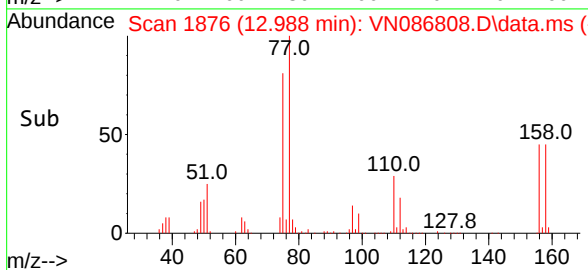
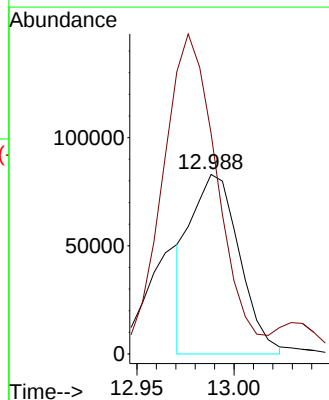
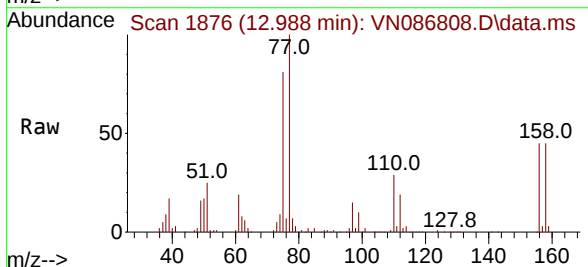
Manual Integrations
APPROVED

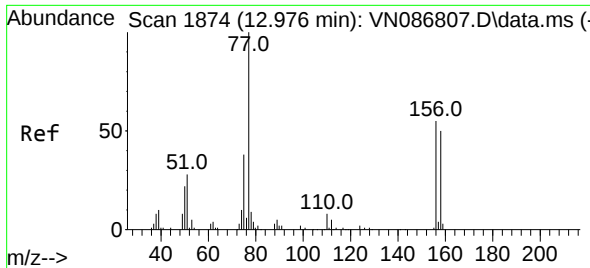
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,2,3-Trichloropropane
Concen: 46.634 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 144849
Ion Ratio Lower Upper
75 100
77 201.2 0.0 390.6





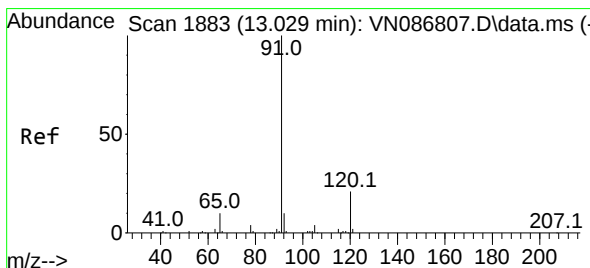
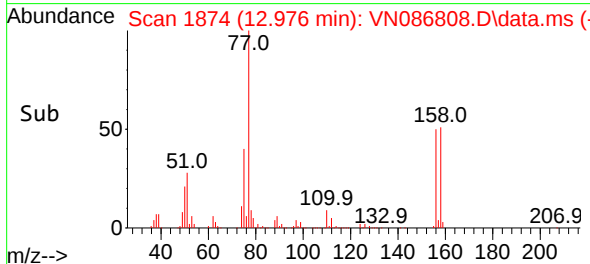
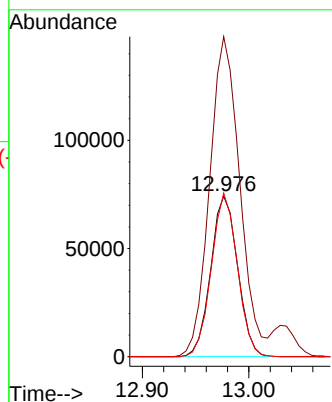
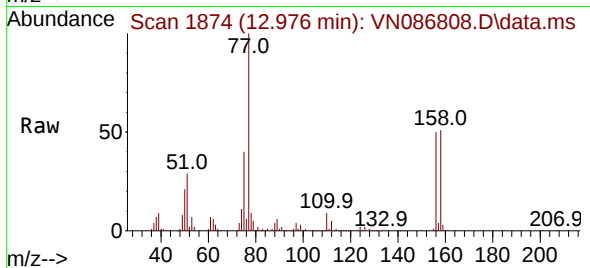
#73
Bromobenzene
Concen: 49.356 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 130085
Ion Ratio Lower Upper
156 100
77 224.0 0.0 442.0
158 98.3 0.0 191.8

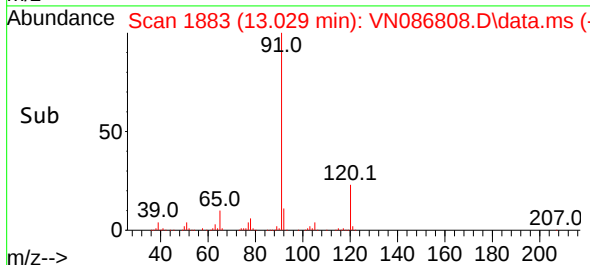
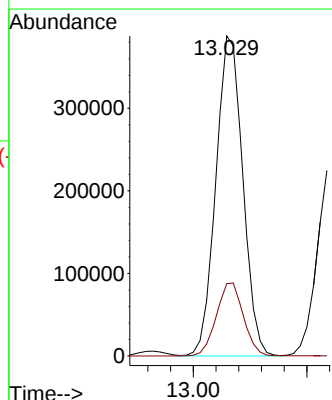
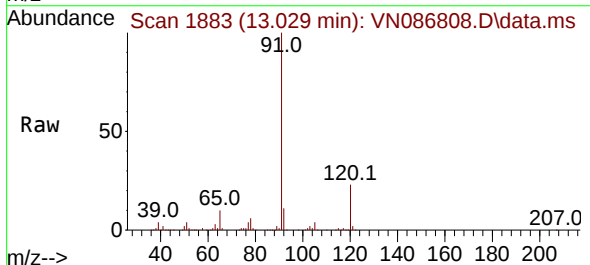
Manual Integrations
APPROVED

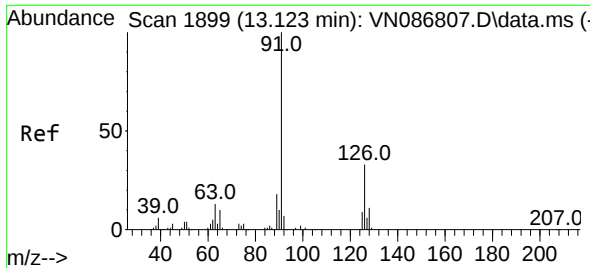
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
n-propylbenzene
Concen: 50.865 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 638895
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.6





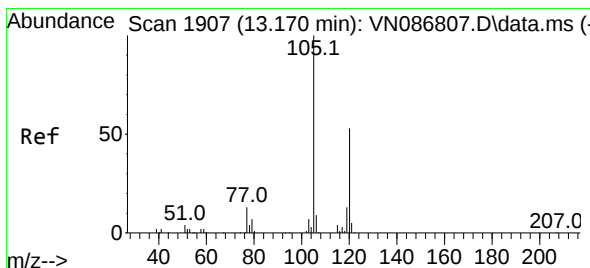
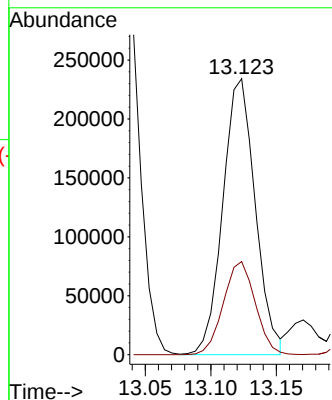
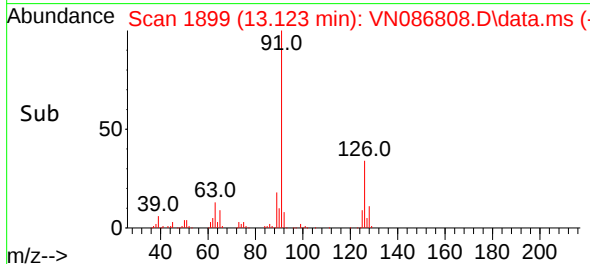
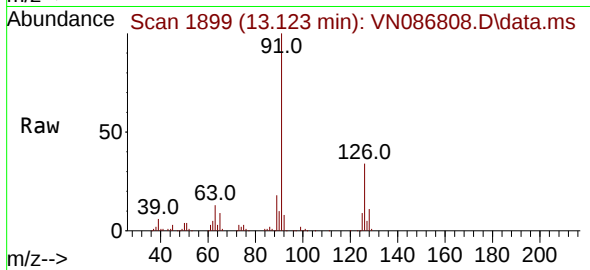
#75
2-Chlorotoluene
Concen: 49.997 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 40307
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.4

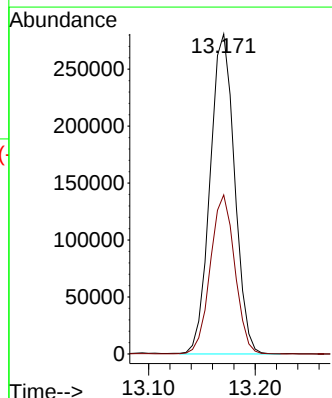
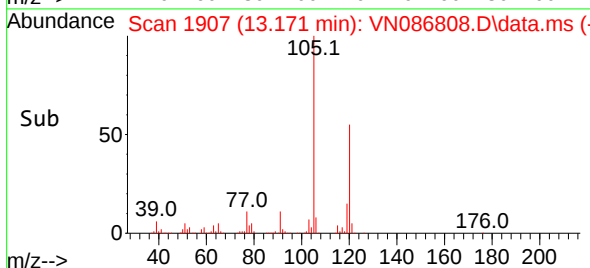
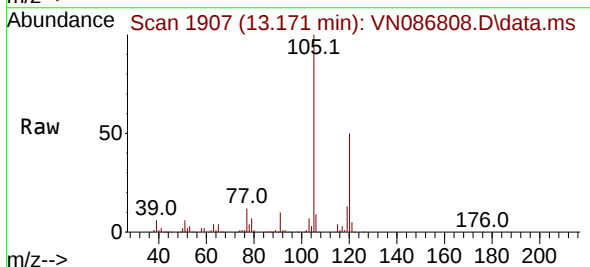
Manual Integrations
APPROVED

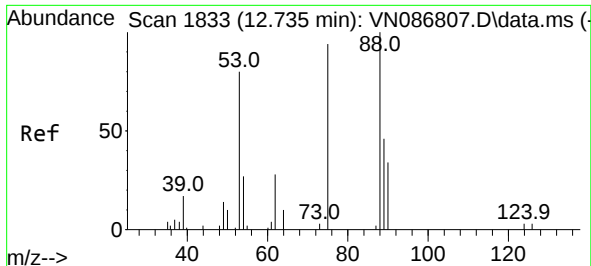
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 50.822 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 448336
Ion Ratio Lower Upper
105 100
120 49.6 0.0 101.4





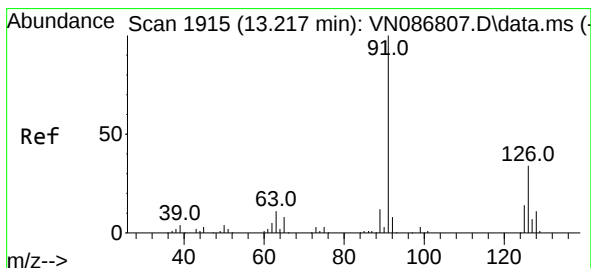
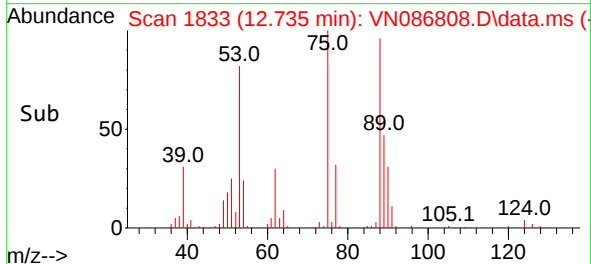
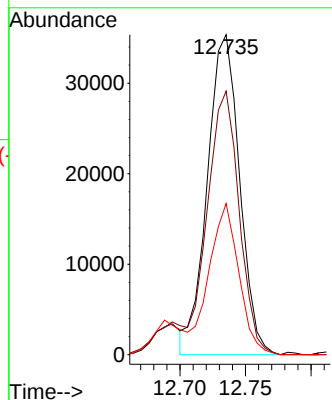
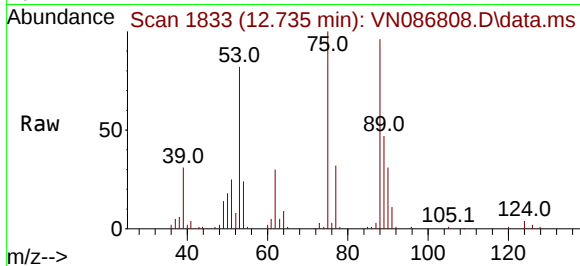
#77
t-1,4-Dichloro-2-butene
Concen: 50.172 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 60669
Ion Ratio Lower Upper
75 100
53 82.4 43.0 128.8
89 47.3 25.4 76.2

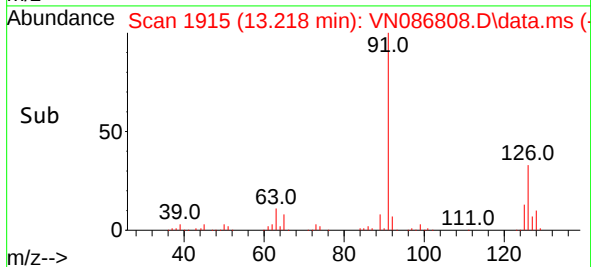
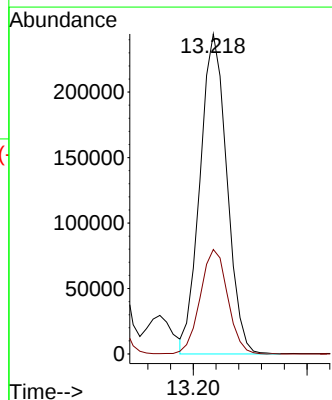
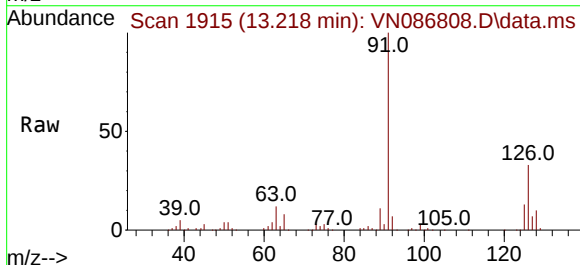
Manual Integrations
APPROVED

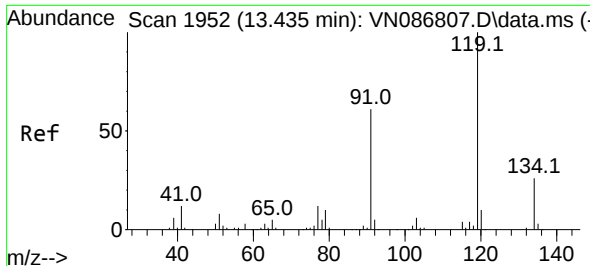
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
4-Chlorotoluene
Concen: 50.207 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

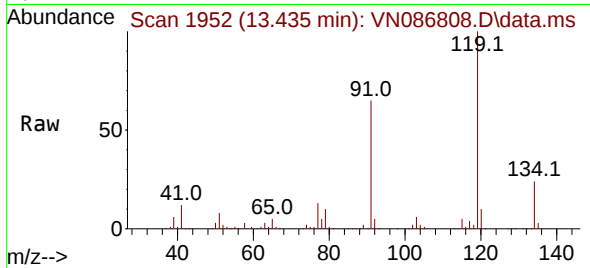
Tgt Ion: 91 Resp: 400961
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.6





#79
tert-butylbenzene
Concen: 50.435 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

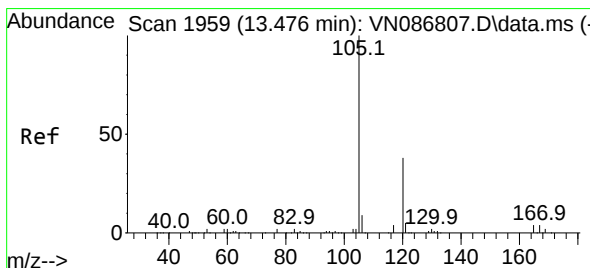
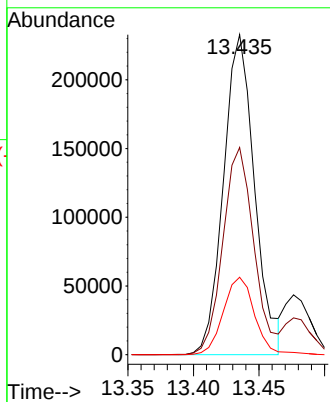
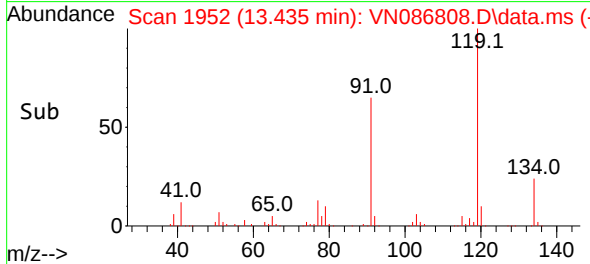
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



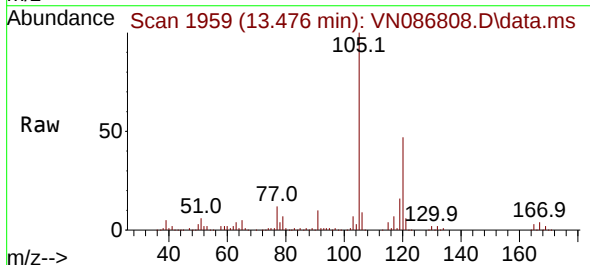
Tgt Ion:119 Resp: 384679
Ion Ratio Lower Upper
119 100
91 64.5 0.0 130.4
134 24.4 0.0 50.6

Manual Integrations
APPROVED

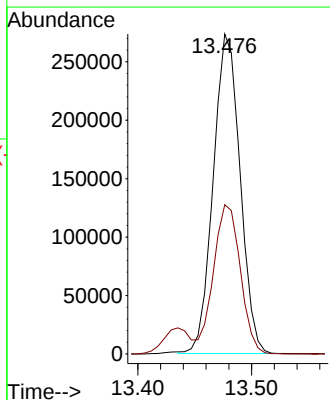
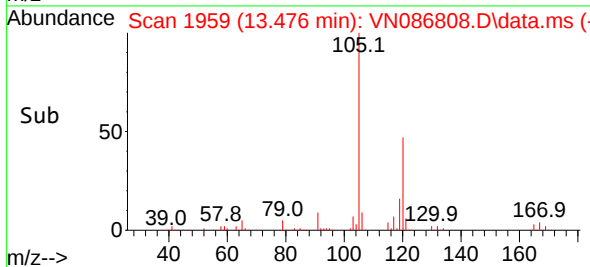
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

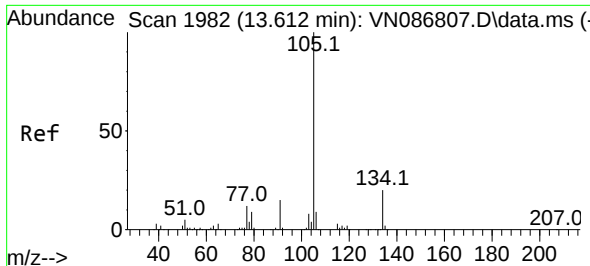


#80
1,2,4-Trimethylbenzene
Concen: 50.588 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



Tgt Ion:105 Resp: 447950
Ion Ratio Lower Upper
105 100
120 47.5 0.0 92.2





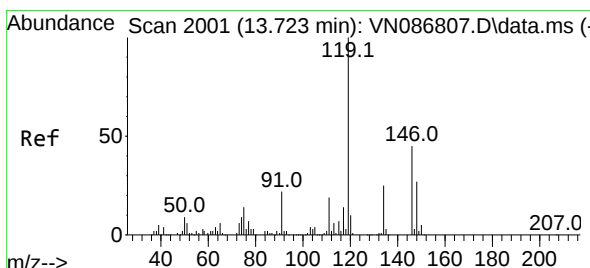
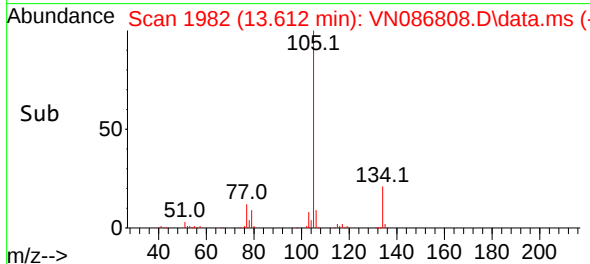
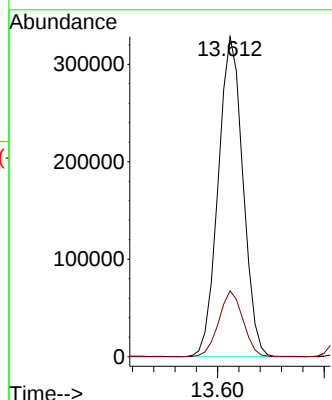
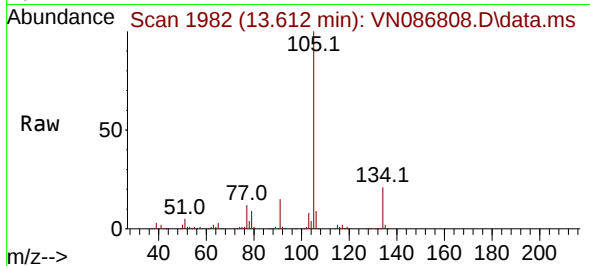
#81
 sec-Butylbenzene
 Concen: 50.934 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 52924
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.0

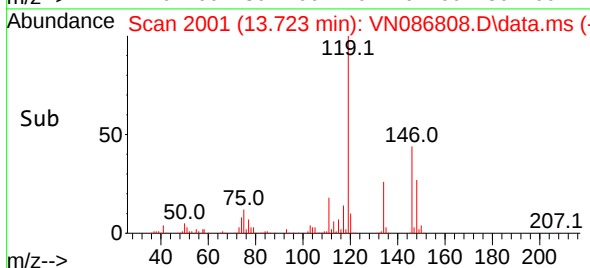
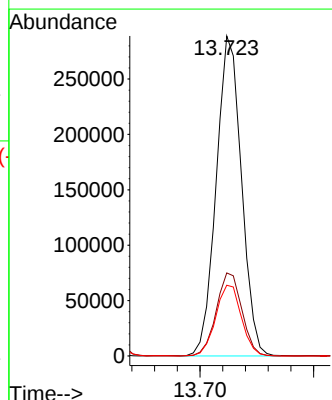
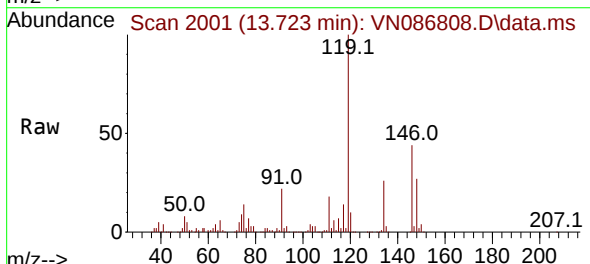
Manual Integrations
 APPROVED

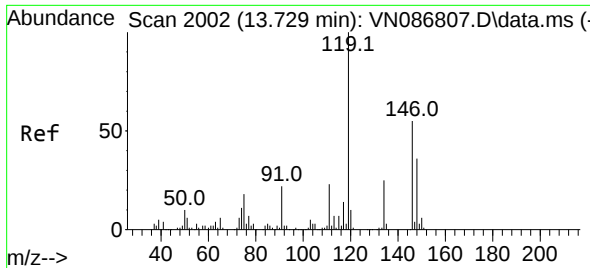
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#82
 p-Isopropyltoluene
 Concen: 51.162 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

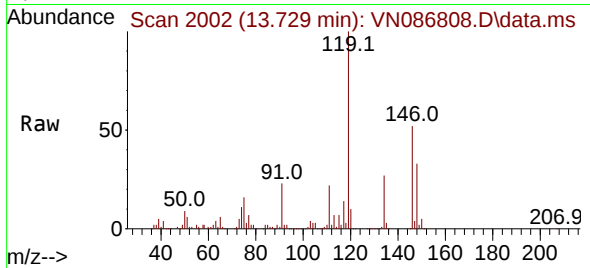
Tgt Ion:119 Resp: 446383
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.8
 91 22.6 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 50.165 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

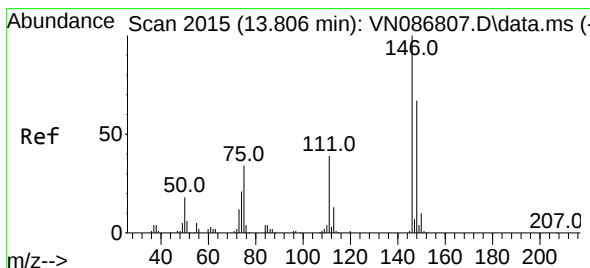
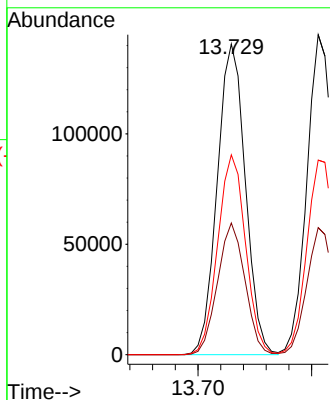
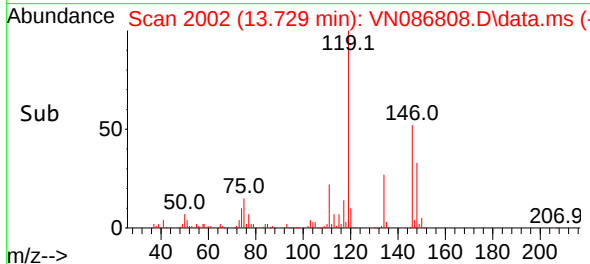
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



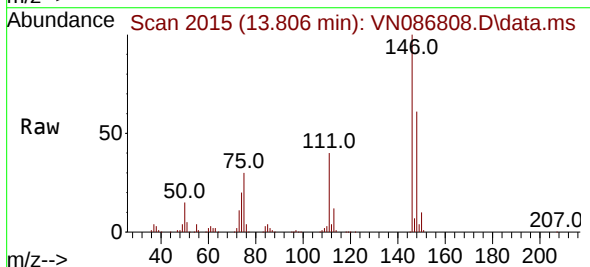
Tgt Ion:146 Resp: 242562
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.1
148 63.6 32.1 96.5

Manual Integrations
APPROVED

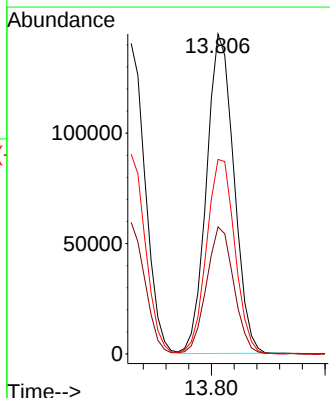
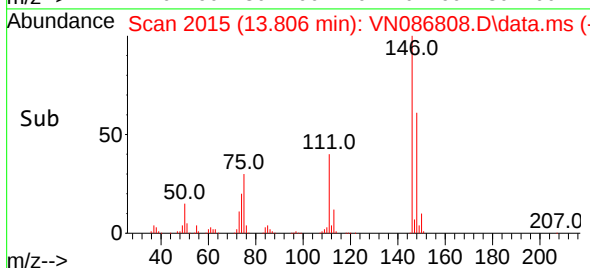
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

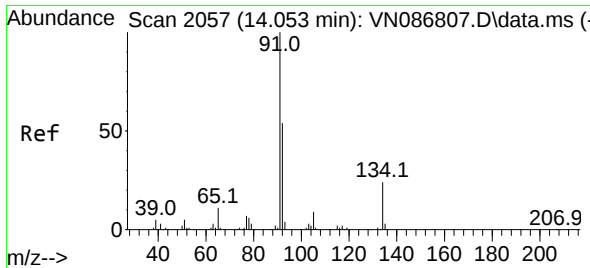


#84
1,4-Dichlorobenzene
Concen: 50.277 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44



Tgt Ion:146 Resp: 241927
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.4
148 63.1 31.9 95.5





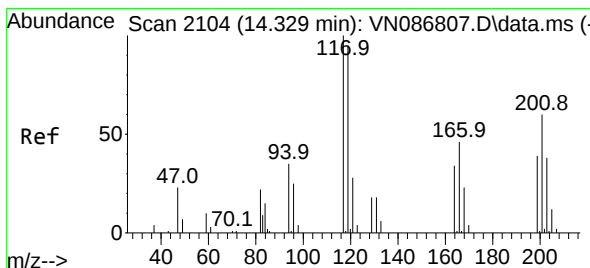
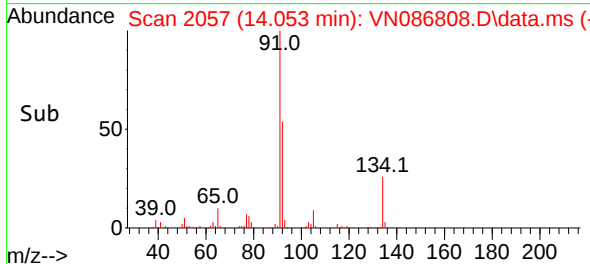
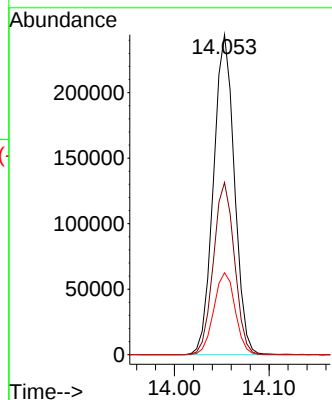
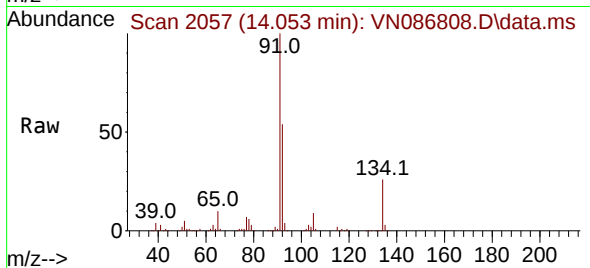
#85
n-Butylbenzene
Concen: 51.309 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 37478
Ion Ratio Lower Upper
91 100
92 54.0 0.0 107.6
134 26.1 0.0 50.0

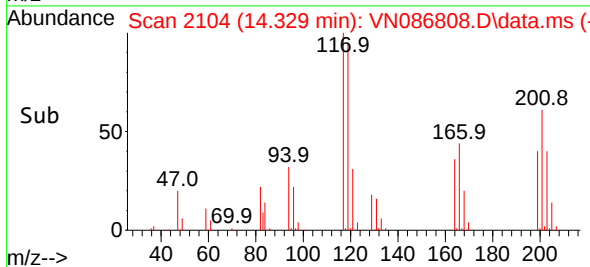
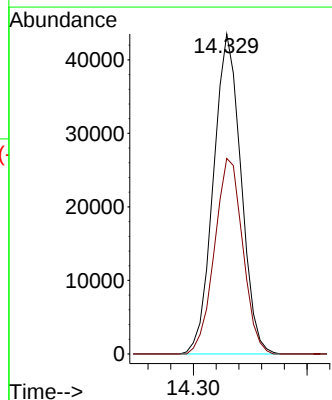
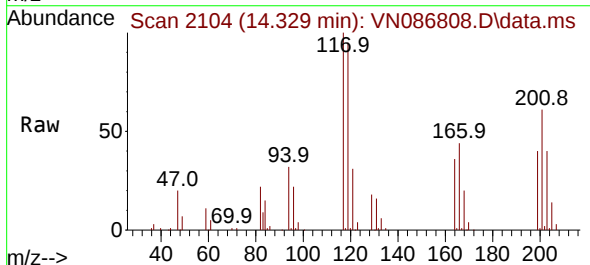
Manual Integrations
APPROVED

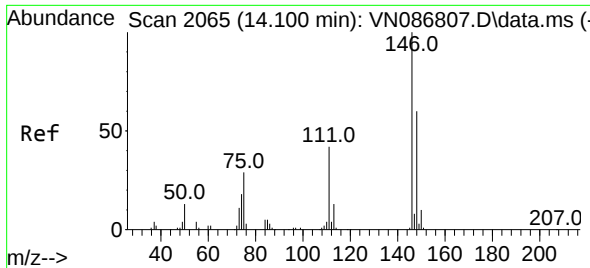
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#86
Hexachloroethane
Concen: 49.370 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:117 Resp: 73414
Ion Ratio Lower Upper
117 100
201 62.5 31.4 94.3





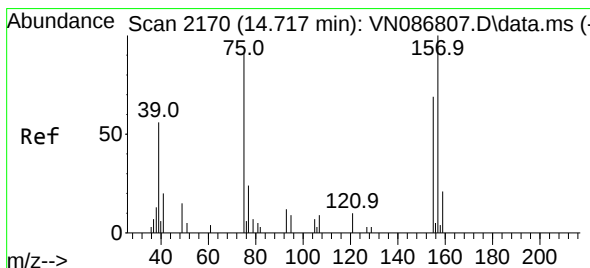
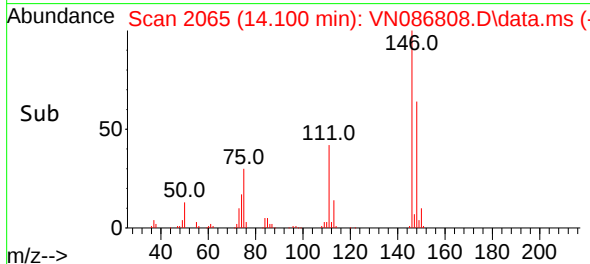
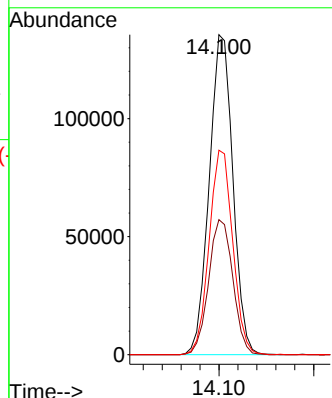
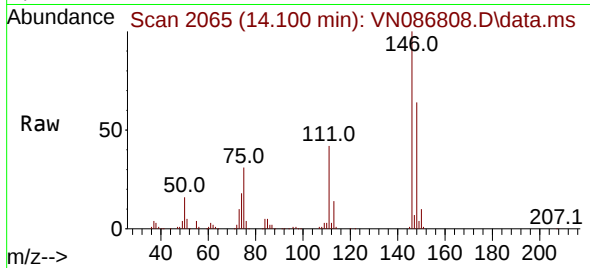
#87
1,2-Dichlorobenzene
Concen: 50.345 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:146 Resp: 234825
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.8
148 63.8 31.6 94.7

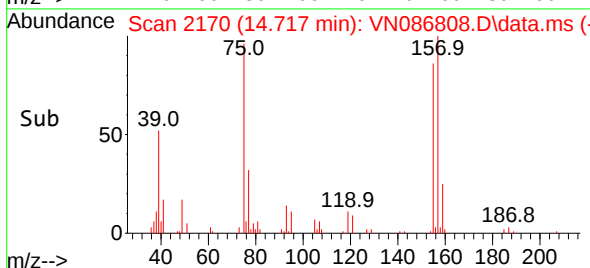
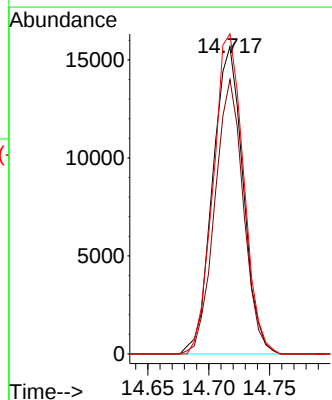
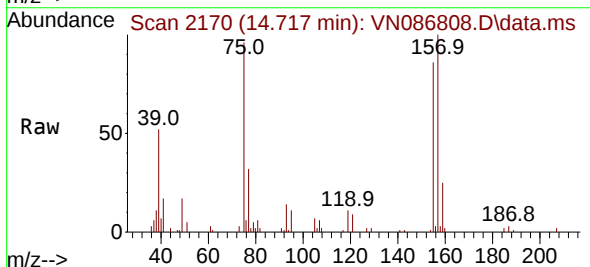
Manual Integrations
APPROVED

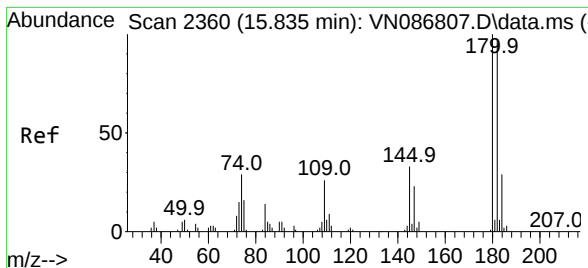
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 51.194 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 27180
Ion Ratio Lower Upper
75 100
155 84.3 62.9 94.3
157 103.6 84.0 126.0





#89

1,2,4-Trichlorobenzene

Concen: 50.620 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

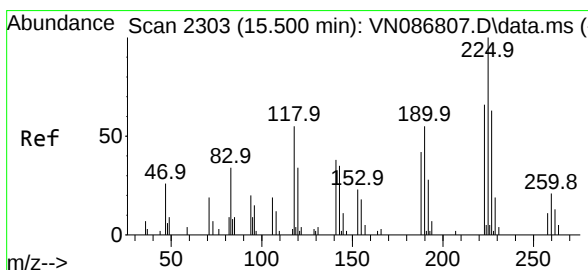
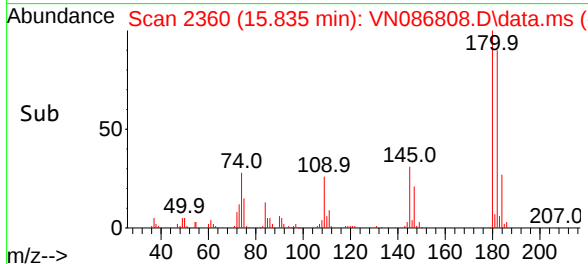
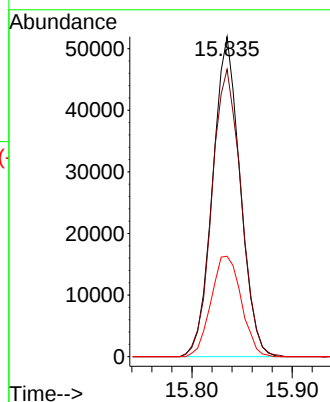
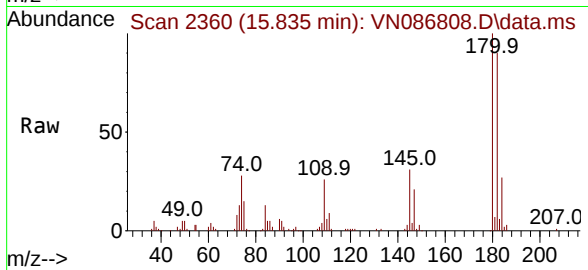
Tgt Ion:	180	Resp:	9881
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.2	117.2
145	34.5	28.0	42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#90

Hexachlorobutadiene

Concen: 50.179 ug/l

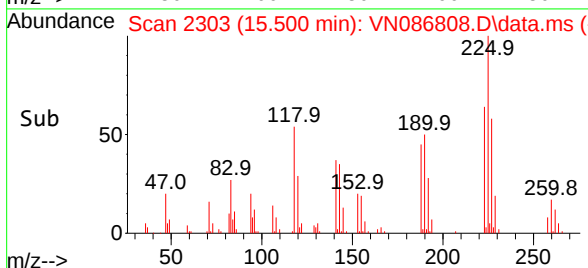
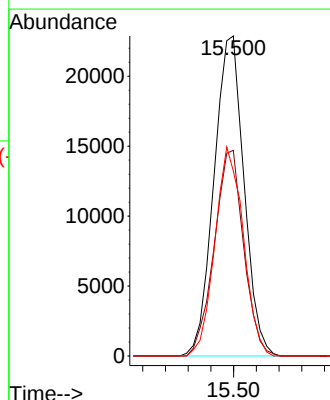
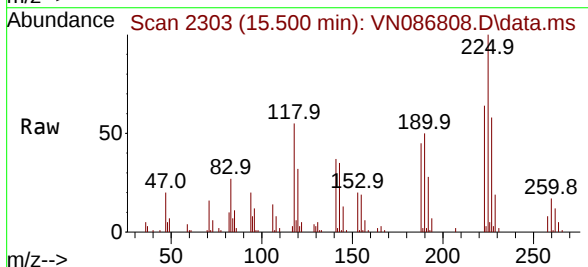
RT: 15.500 min Scan# 2303

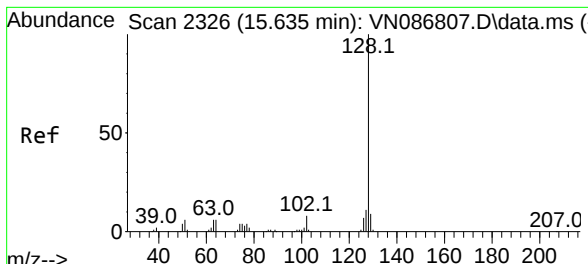
Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Tgt Ion:	225	Resp:	41982
Ion Ratio	Lower	Upper	
225	100		
223	63.0	0.0	135.8
227	61.8	0.0	125.0





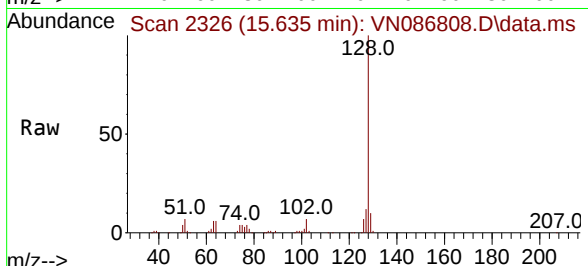
#91
 Naphthalene
 Concen: 51.156 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



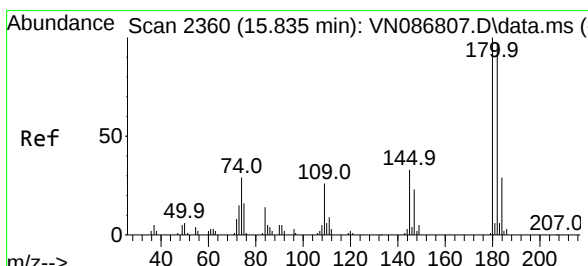
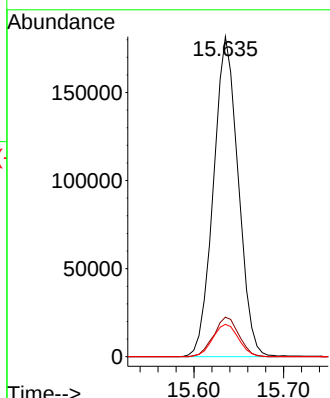
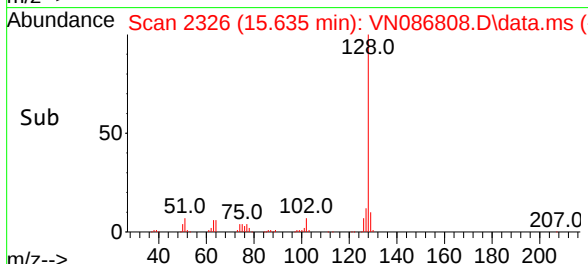
Tgt Ion:	128	Resp:	34841
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.8	14.6
129	10.6	8.6	13.0

Manual Integrations

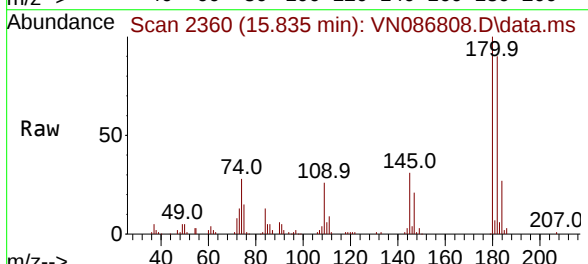
APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#92
 1,2,3-Trichlorobenzene
 Concen: 50.620 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44



Tgt Ion:	180	Resp:	98812
Ion Ratio	Lower	Upper	
180	100		
182	95.4	0.0	195.4
145	34.5	0.0	70.0

