

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086807.D
 Acq On : 29 May 2025 11:20
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: May 30 01:57:41 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	37101	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	210546	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	189009	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77229	30.297	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.000%			
60) 4-Bromofluorobenzene	12.847	95	88476	29.815	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	10.565	98	263046	30.321	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52720	20.922	ug/l	100
3) Chloromethane	2.359	50	67271	20.706	ug/l	100
4) Vinyl Chloride	2.512	62	61343	20.517	ug/l	100
5) Bromomethane	2.959	94	32987	20.823	ug/l	100
6) Chloroethane	3.124	64	37880	20.714	ug/l	100
7) Trichlorofluoromethane	3.501	101	70875	20.240	ug/l	100
8) Diethyl Ether	3.959	74	28929	19.804	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	43679	20.353	ug/l	100
10) 1,1-Dichloroethene	4.336	96	43494	19.879	ug/l	100
11) Methyl Iodide	4.589	142	50467	19.567	ug/l	100
12) Methyl Acetate	5.024	43	48303	19.933	ug/l	100
13) Acrolein	4.183	56	24332	96.537	ug/l	100
14) Acrylonitrile	5.718	53	113876	100.708	ug/l	100
15) Acetone	4.418	58	29123	101.722	ug/l	100
16) Carbon Disulfide	4.712	76	128395	20.103	ug/l	100
17) Allyl chloride	5.024	41	65307	20.092	ug/l	100
18) Methylene Chloride	5.277	84	51325	20.199	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	46328	20.233	ug/l	100
20) Diisopropyl ether	6.671	45	149023	20.817	ug/l	100
21) 1,1-Dichloroethane	6.565	63	88434	20.469	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	55609	20.055	ug/l	100
23) tert-Butyl Alcohol	5.518	59	36977	101.832	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	144821	20.083	ug/l	100
25) Chloroform	7.965	83	85389	20.193	ug/l	100
26) Cyclohexane	8.253	56	75338	20.148	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	62257	20.111	ug/l	100
30) 2-Butanone	7.483	43	137625	101.467	ug/l	100
31) 2,2-Dichloropropane	7.483	77	74622	20.421	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	72907	20.317	ug/l	100
33) Carbon Tetrachloride	8.359	117	61922	20.187	ug/l	100
34) Benzene	8.606	78	205111	20.364	ug/l	100
35) Methacrylonitrile	7.777	41	32745	21.016	ug/l	100
36) 1,2-Dichloroethane	8.665	62	60188	20.392	ug/l	100
37) Trichloroethene	9.347	130	55110	19.725	ug/l	100
38) Methylcyclohexane	9.600	83	67964	19.787	ug/l	100
39) 1,2-Dichloropropane	9.618	63	49644	20.472	ug/l	100
40) Dibromomethane	9.706	93	32035	20.198	ug/l	100
41) Bromodichloromethane	9.882	83	66883	20.146	ug/l	100
42) Vinyl Acetate	6.600	43	415639	105.128	ug/l	100

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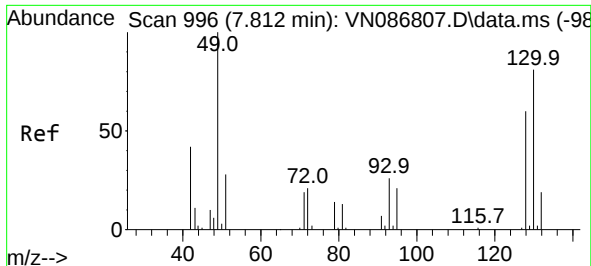
Manual Integrations
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 Supervised By : Mahesh Dadoda 05/30/2025

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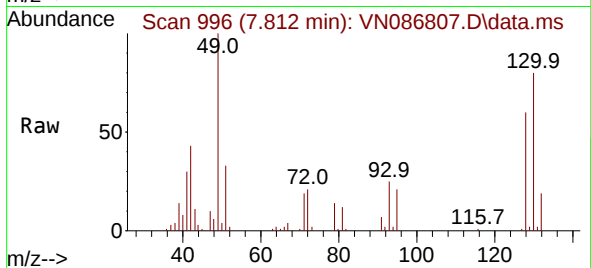
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58271	20.995	ug/l	100
44) Isopropyl Acetate	8.683	43	97384	20.454	ug/l	100
45) 1,4-Dioxane	9.694	88	17506	413.686	ug/l	100
46) Methyl methacrylate	9.677	41	43721	19.916	ug/l	100
47) n-amyl Acetate	12.494	43	78489	20.535	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	70982	19.980	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	77477	19.827	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	44971	20.132	ug/l	100
51) Ethyl methacrylate	10.871	69	71253	19.696	ug/l	100
52) 1,3-Dichloropropane	11.159	76	79173	19.972	ug/l	100
53) Dibromochloromethane	11.353	129	49951	19.788	ug/l	100
54) 1,2-Dibromoethane	11.465	107	46157	20.215	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	167435	96.419	ug/l	100
56) Bromoform	12.576	173	31789	19.987	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	287881	103.801	ug/l	100
59) 2-Hexanone	11.188	43	203275	102.323	ug/l	100
61) Tetrachloroethene	11.100	164	63325	19.931	ug/l	100
62) Toluene	10.624	91	216360	20.325	ug/l	100
64) Chlorobenzene	11.888	112	136627	20.126	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	44306	19.866	ug/l	100
66) Ethyl Benzene	11.959	91	231289	20.088	ug/l	100
67) m/p-Xylenes	12.065	106	182175	40.320	ug/l	100
68) o-Xylene	12.394	106	87623	20.011	ug/l	100
69) Styrene	12.406	104	145956	20.007	ug/l	100
70) Isopropylbenzene	12.694	105	209188	20.086	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	51621	20.847	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	58937m	19.320	ug/l	
73) Bromobenzene	12.976	156	52090	20.123	ug/l	100
74) n-propylbenzene	13.029	91	247566	20.068	ug/l	100
75) 2-Chlorotoluene	13.123	91	159048	20.087	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	173075	19.976	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	22762	19.166	ug/l	100
78) 4-Chlorotoluene	13.217	91	155817	19.866	ug/l	100
79) tert-butylbenzene	13.435	119	148370	19.807	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	174264	20.038	ug/l	100
81) sec-Butylbenzene	13.612	105	203214	19.913	ug/l	100
82) p-Isopropyltoluene	13.723	119	170107	19.852	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	92198	19.415	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	91531	19.368	ug/l	100
85) n-Butylbenzene	14.053	91	136590	19.040	ug/l	100
86) Hexachloroethane	14.329	117	28367	19.424	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	89883	19.621	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10031	19.237	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	35196	18.358	ug/l	100
90) Hexachlorobutadiene	15.500	225	15326	18.652	ug/l	100
91) Naphthalene	15.635	128	119288	17.833	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	35196	18.358	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

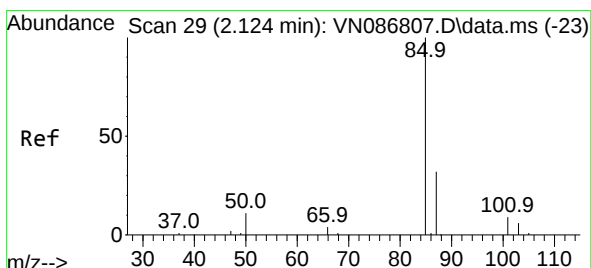
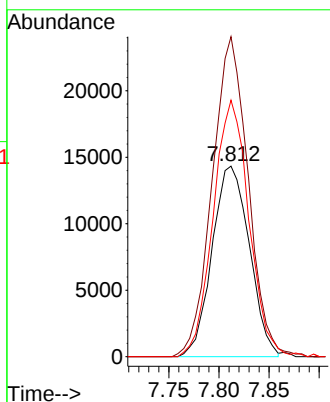
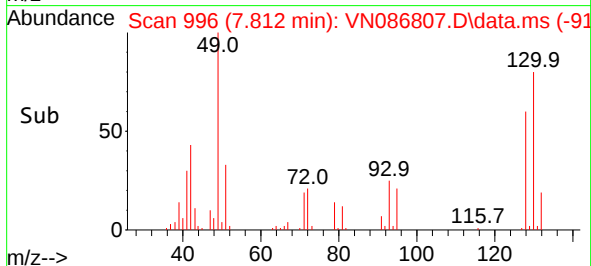
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 3710
Ion Ratio Lower Upper
128 100
49 161.8 0.0 404.5
130 128.9 0.0 322.2

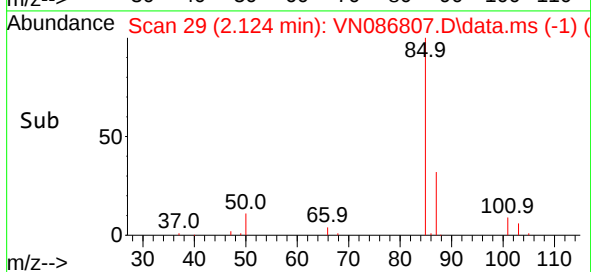
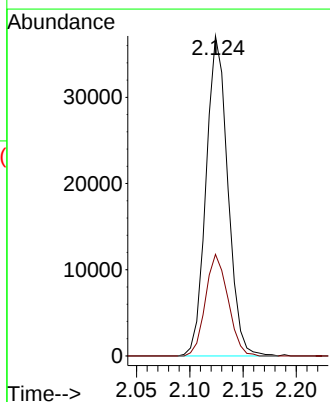
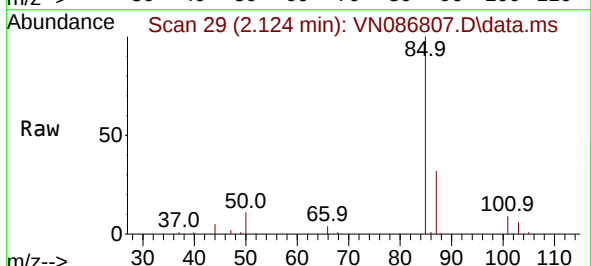
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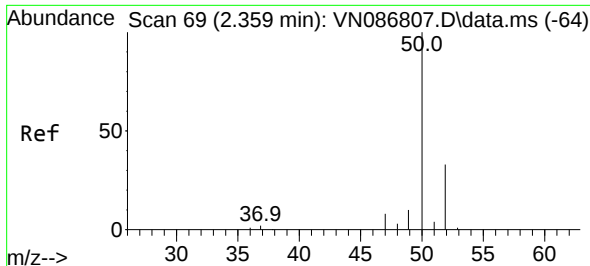
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 20.922 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

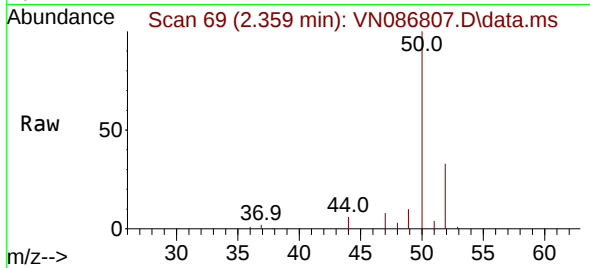
Tgt Ion: 85 Resp: 52720
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7





#3
Chloromethane
Concen: 20.706 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

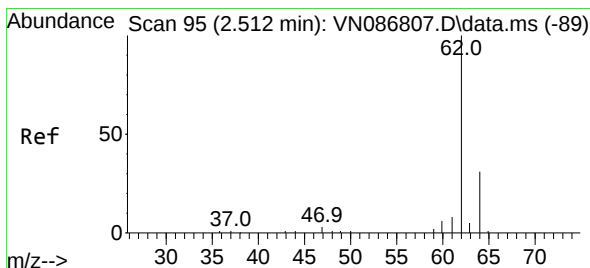
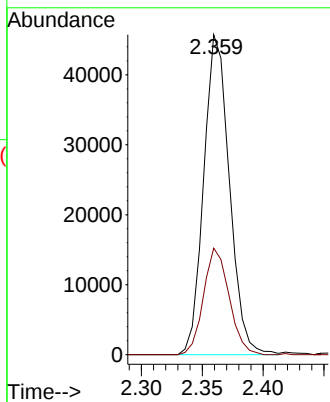
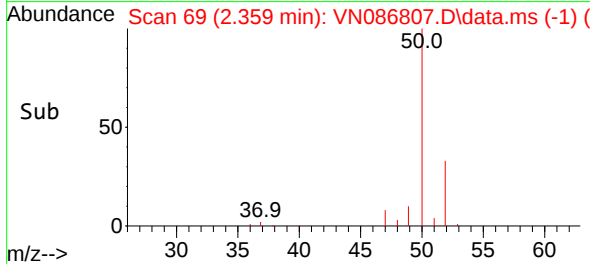
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



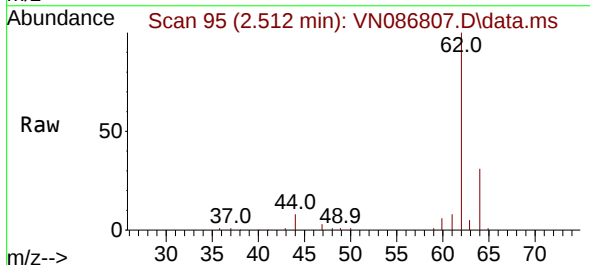
Tgt Ion: 50 Resp: 6727
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

Manual Integrations
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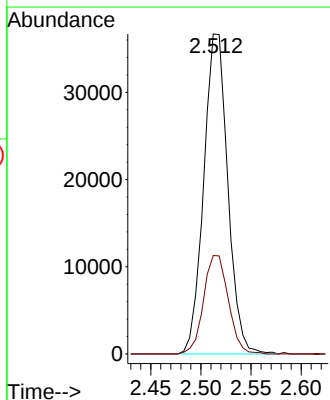
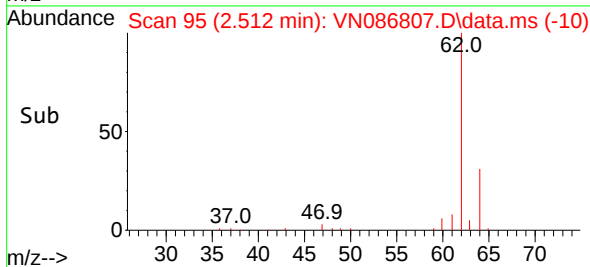
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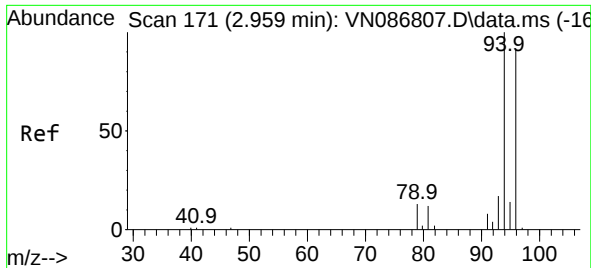


#4
Vinyl Chloride
Concen: 20.517 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



Tgt Ion: 62 Resp: 61343
Ion Ratio Lower Upper
62 100
64 30.7 24.6 36.8





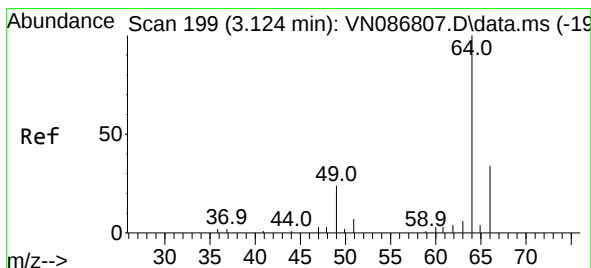
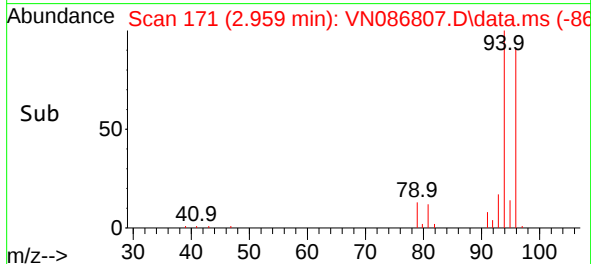
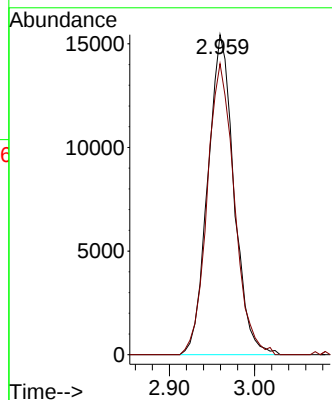
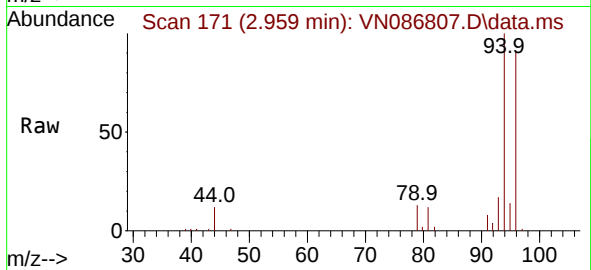
#5
Bromomethane
Concen: 20.823 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3298
Ion Ratio Lower Upper
94 100
96 90.9 72.7 109.1

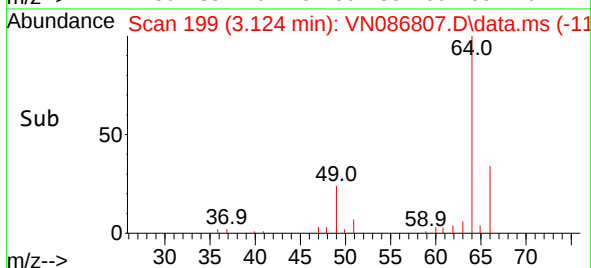
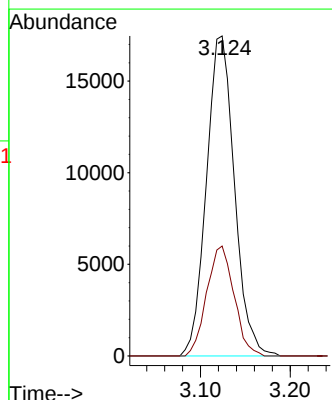
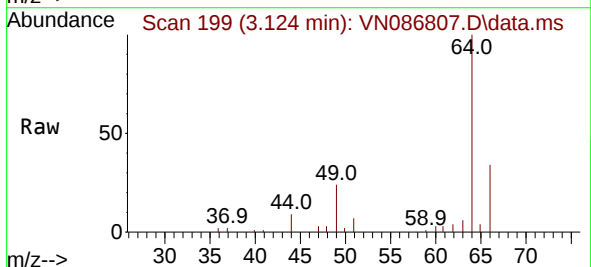
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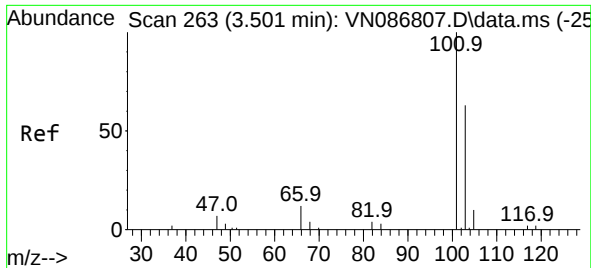
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 20.714 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 64 Resp: 37880
Ion Ratio Lower Upper
64 100
66 34.4 27.5 41.3





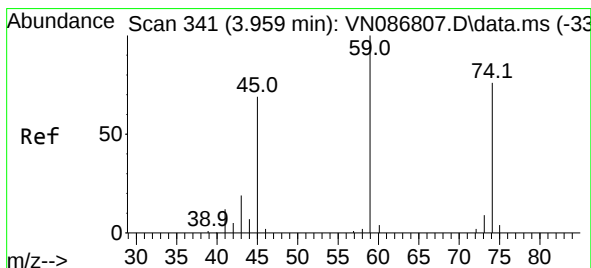
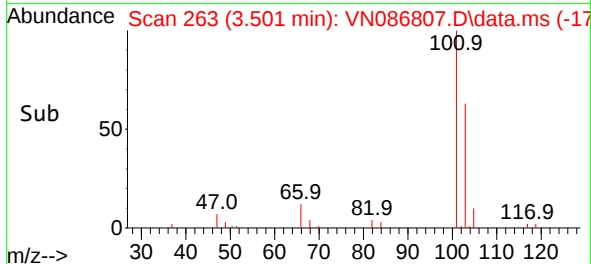
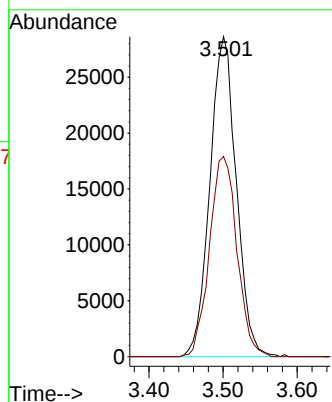
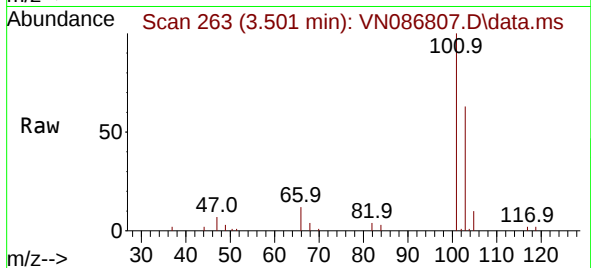
#7
 Trichlorofluoromethane
 Concen: 20.240 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

Instrument :
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Tgt Ion:101 Resp: 70875
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.0 75.0

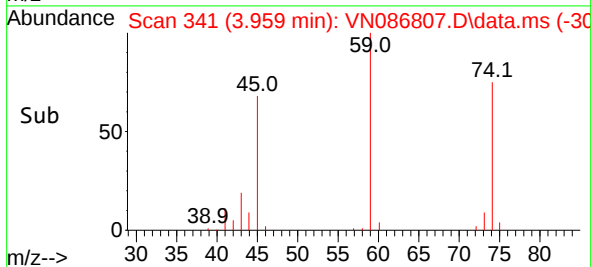
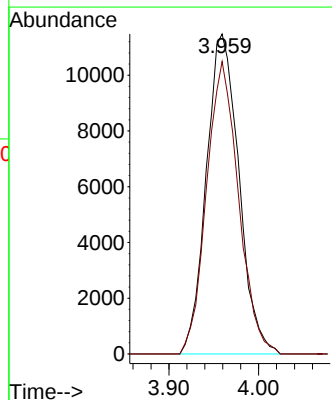
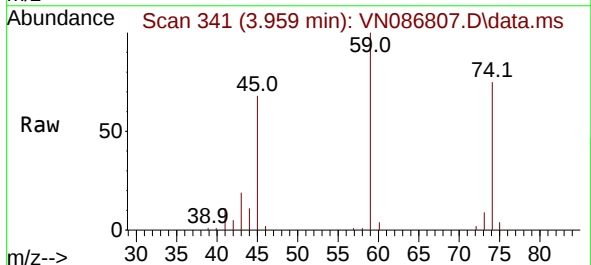
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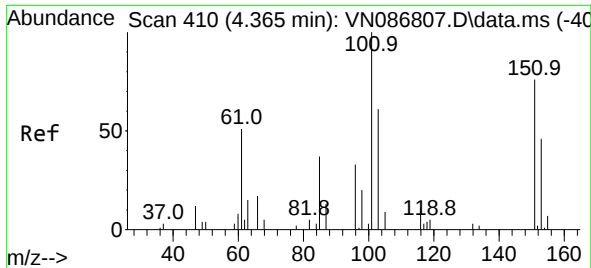
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#8
 Diethyl Ether
 Concen: 19.804 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

Tgt Ion: 74 Resp: 28929
 Ion Ratio Lower Upper
 74 100
 45 89.7 17.9 161.5





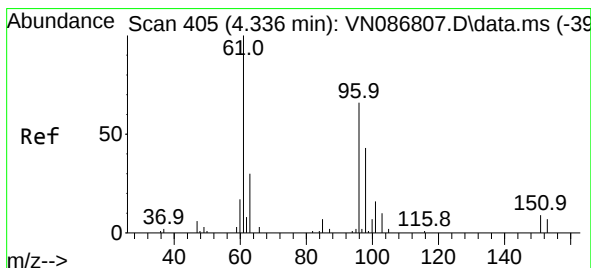
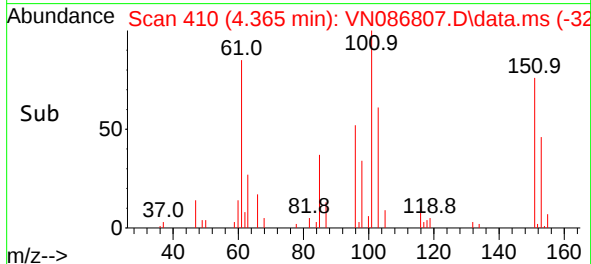
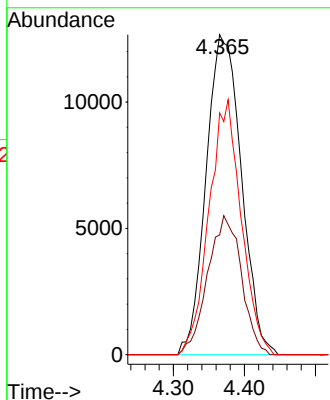
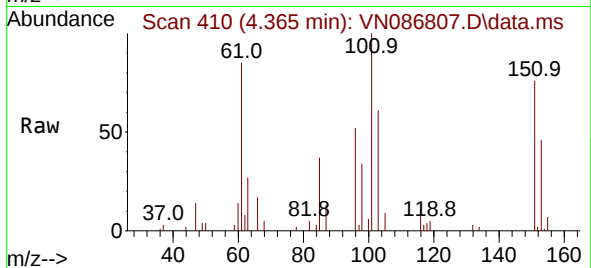
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.353 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 43679
Ion Ratio Lower Upper
101 100
85 41.6 0.0 83.2
151 72.8 0.0 145.6

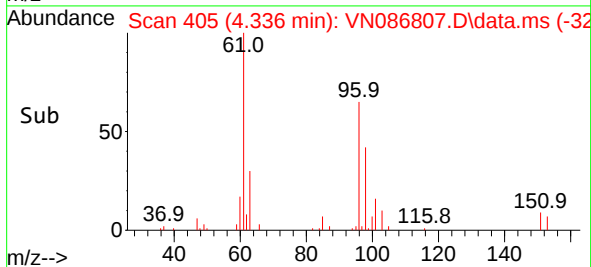
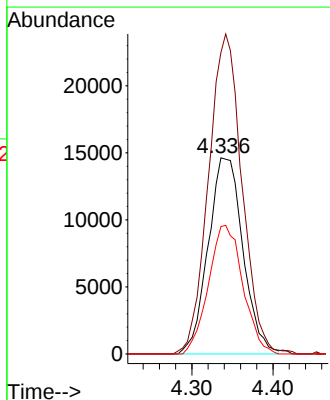
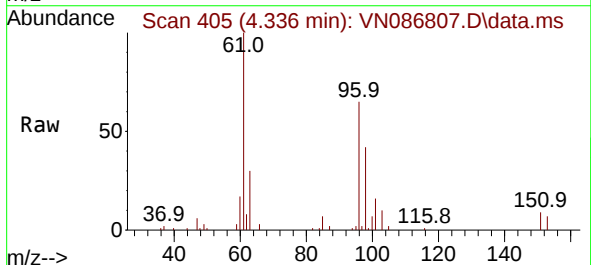
Manual Integrations
APPROVED

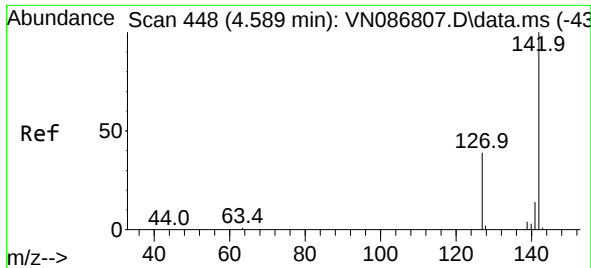
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
1,1-Dichloroethene
Concen: 19.879 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

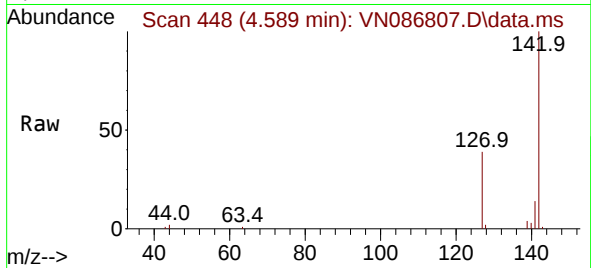
Tgt Ion: 96 Resp: 43494
Ion Ratio Lower Upper
96 100
61 152.1 121.7 182.5
98 64.9 51.9 77.9





#11
Methyl Iodide
Concen: 19.567 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

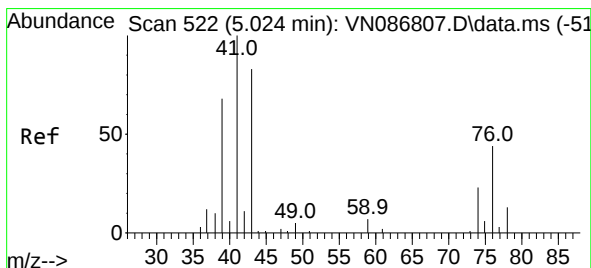
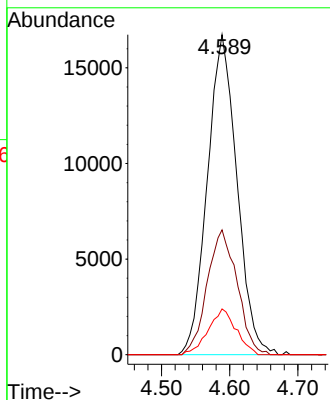
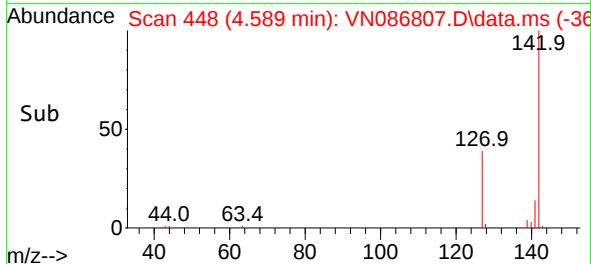
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



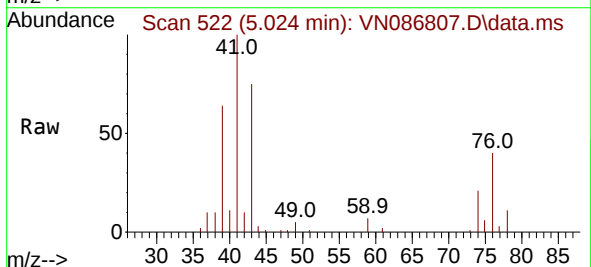
Tgt Ion: 142 Resp: 5046
Ion Ratio Lower Upper
142 100
127 39.0 19.5 58.5
141 14.3 7.1 21.4

Manual Integrations
APPROVED

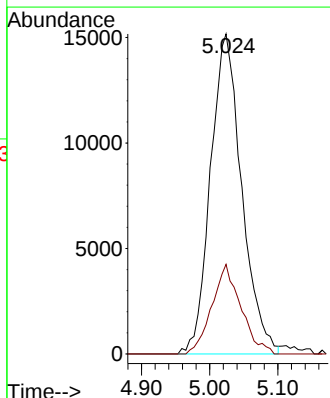
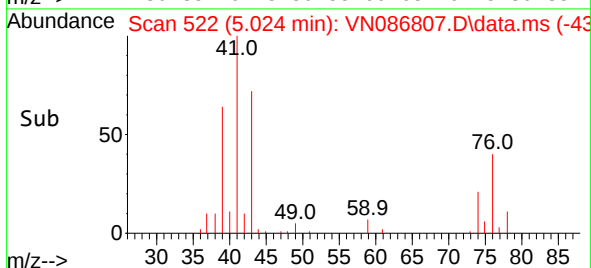
Reviewed By : John Carlone 05/30/2025
Supervised By : Mahesh Dadoda 05/30/2025

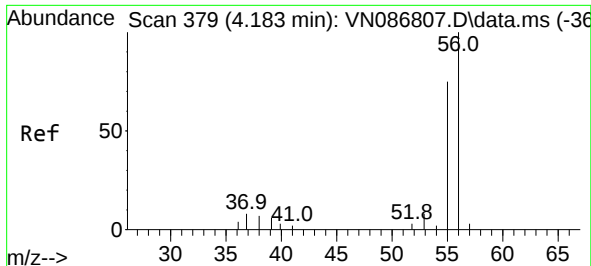


#12
Methyl Acetate
Concen: 19.933 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



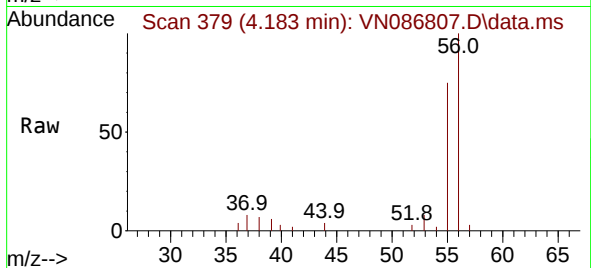
Tgt Ion: 43 Resp: 48303
Ion Ratio Lower Upper
43 100
74 28.4 22.7 34.1





#13
Acrolein
Concen: 96.537 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

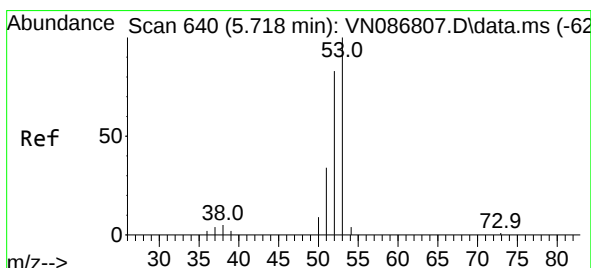
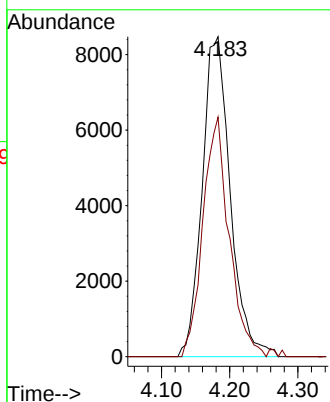
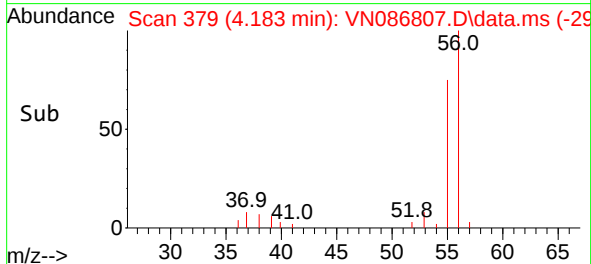
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



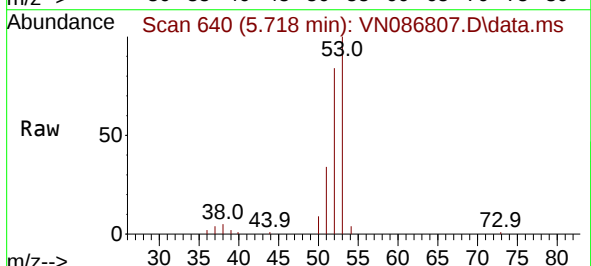
Tgt Ion: 56 Resp: 2433
Ion Ratio Lower Upper
56 100
55 69.9 55.9 83.9

Manual Integrations
APPROVED

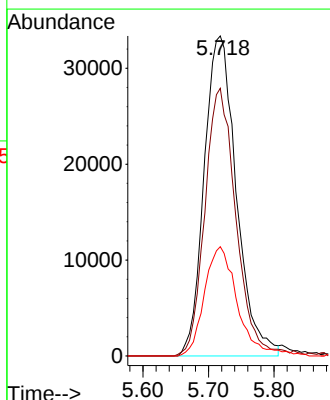
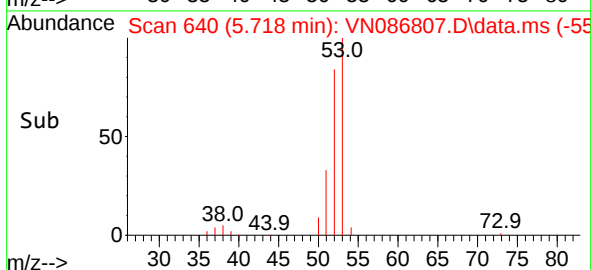
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

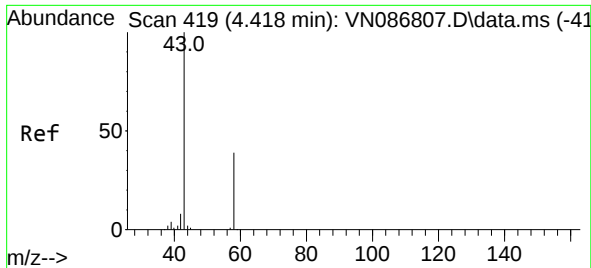


#14
Acrylonitrile
Concen: 100.708 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



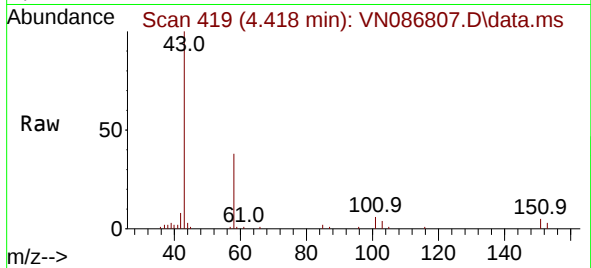
Tgt Ion: 53 Resp: 113876
Ion Ratio Lower Upper
53 100
52 79.9 40.0 119.9
51 35.1 17.5 52.6





#15
Acetone
Concen: 101.722 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

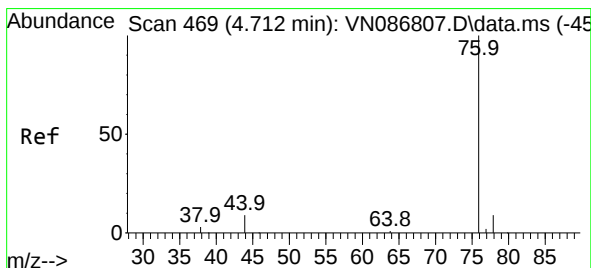
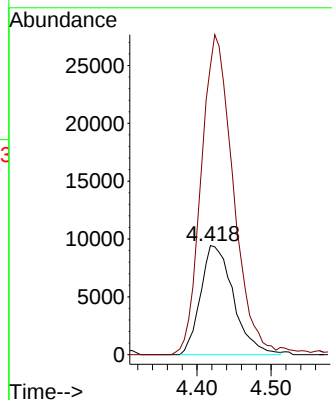
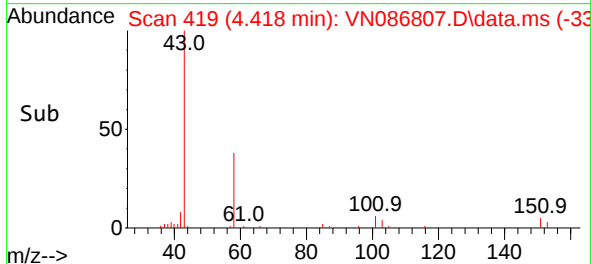
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 2912
Ion Ratio Lower Upper
58 100
43 259.6 207.7 311.5

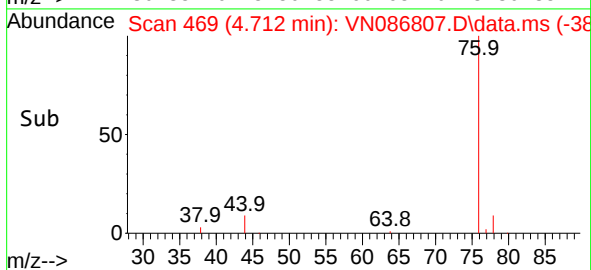
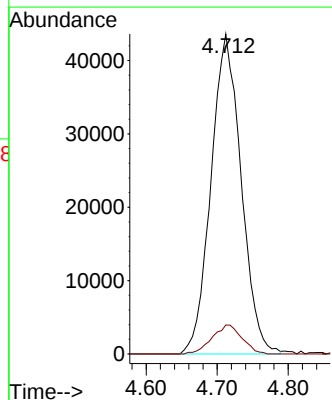
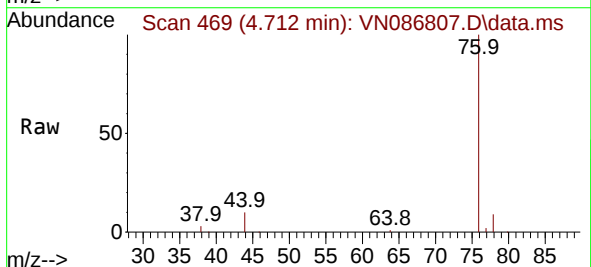
Manual Integrations
APPROVED

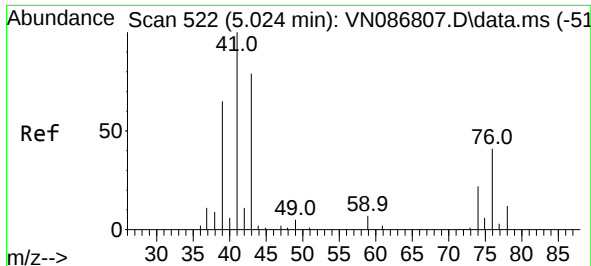
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Carbon Disulfide
Concen: 20.103 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

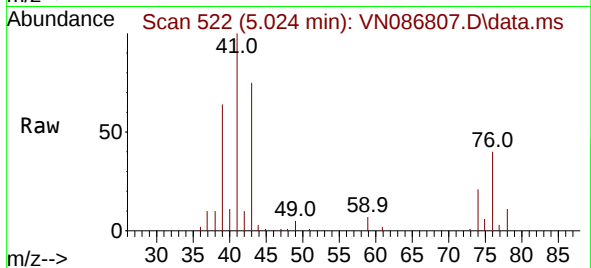
Tgt Ion: 76 Resp: 128395
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#17
 Allyl chloride
 Concen: 20.092 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

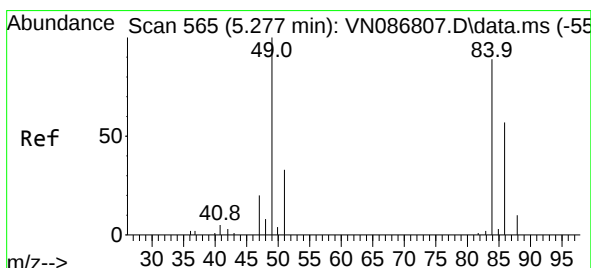
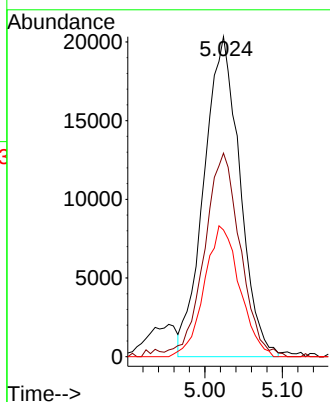
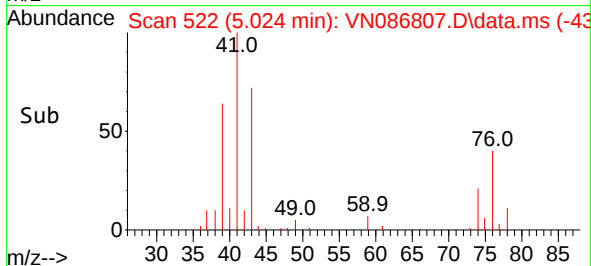
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion:	41	Resp:	6530
Ion Ratio	Lower	Upper	
41	100		
39	63.2	31.6	94.8
76	40.1	20.1	60.2

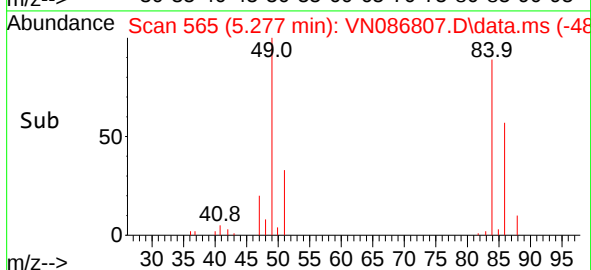
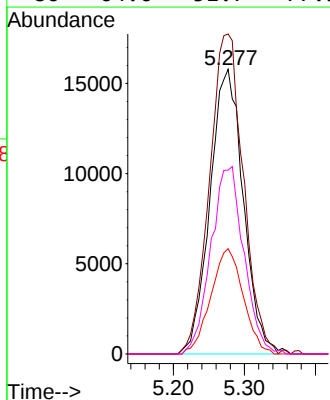
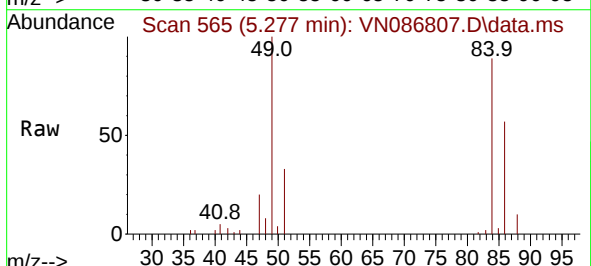
Manual Integrations
 APPROVED

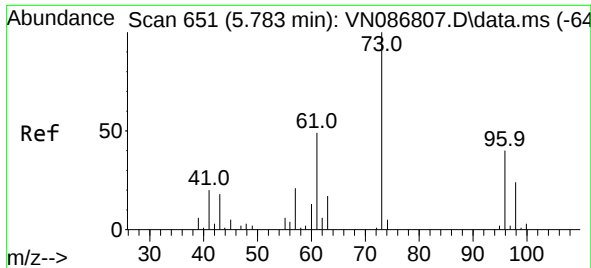
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 20.199 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

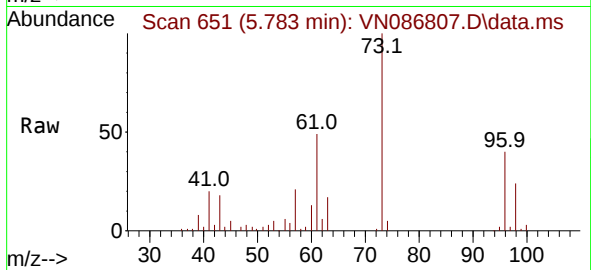
Tgt Ion:	84	Resp:	51325
Ion Ratio	Lower	Upper	
84	100		
49	112.4	89.9	134.9
51	37.0	29.6	44.4
86	64.6	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 20.233 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

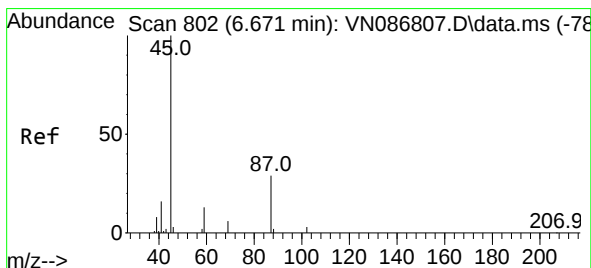
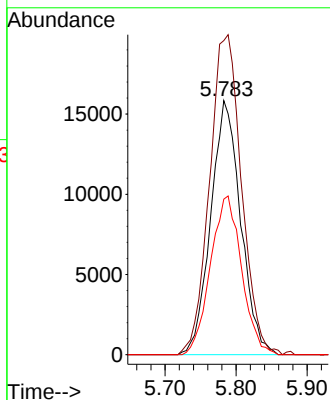
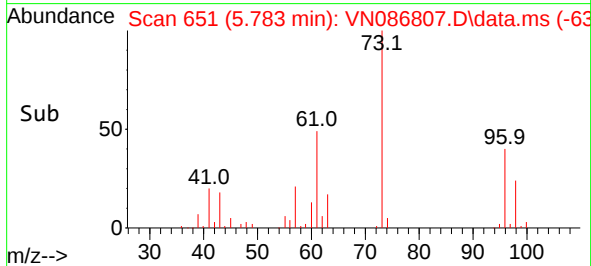
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 46328
Ion Ratio Lower Upper
96 100
61 123.6 98.9 148.3
98 61.2 49.0 73.4

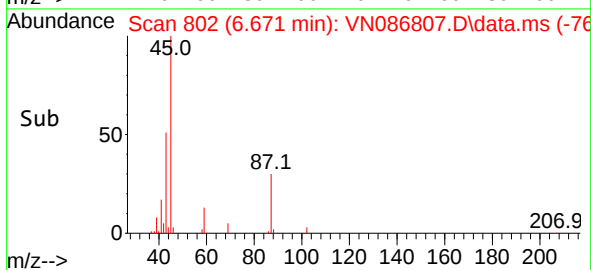
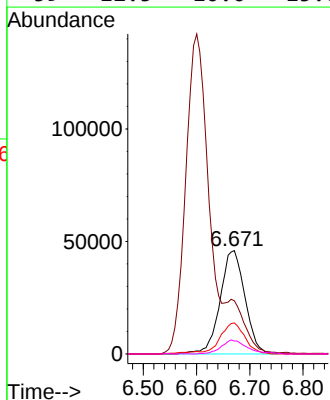
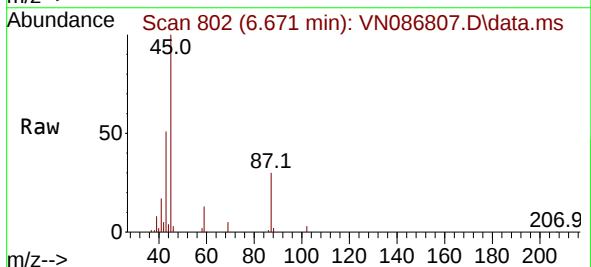
Manual Integrations
APPROVED

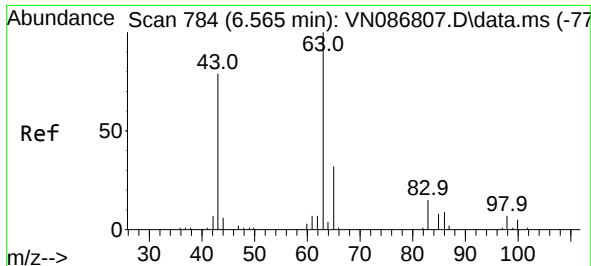
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Diisopropyl ether
Concen: 20.817 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 45 Resp: 149023
Ion Ratio Lower Upper
45 100
43 50.4 40.3 60.5
87 30.1 24.1 36.1
59 12.5 10.0 15.0





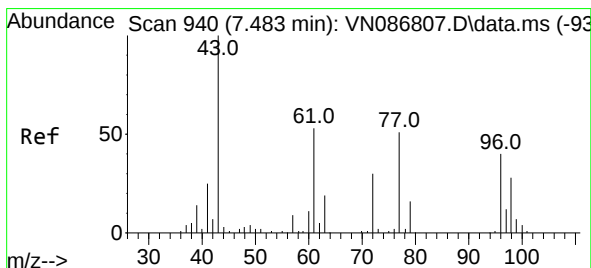
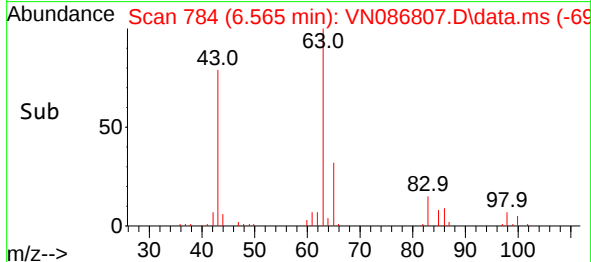
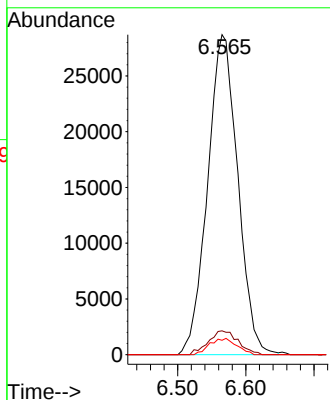
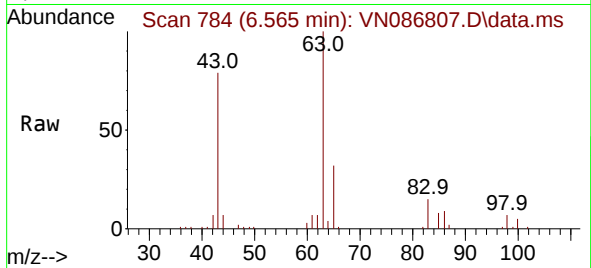
#21
1,1-Dichloroethane
Concen: 20.469 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 88434
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 4.5 2.3 6.8

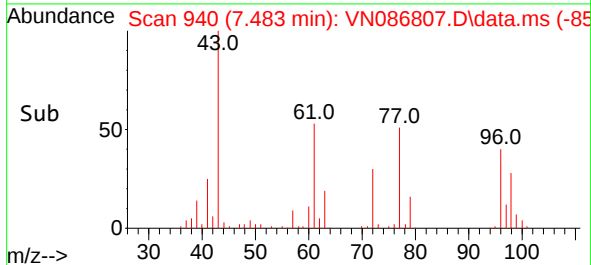
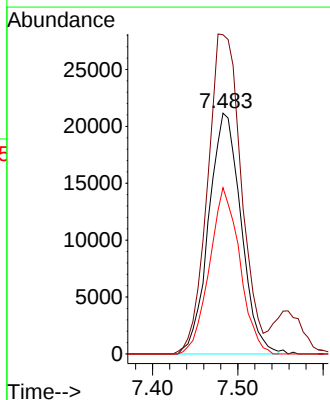
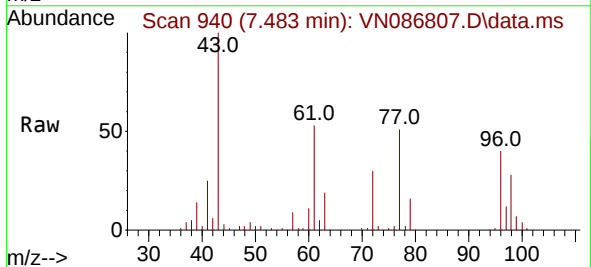
Manual Integrations
APPROVED

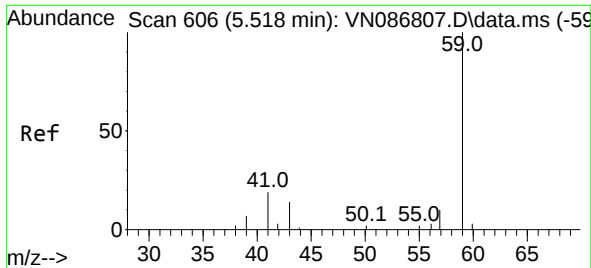
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 20.055 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 96 Resp: 55609
Ion Ratio Lower Upper
96 100
61 138.4 110.7 166.1
98 64.8 51.8 77.8





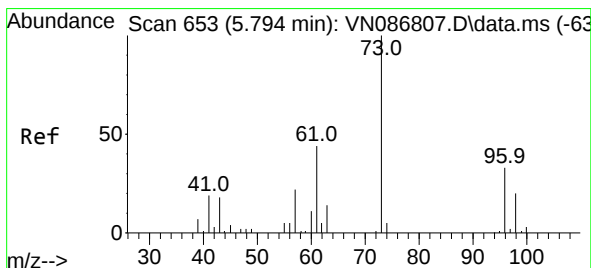
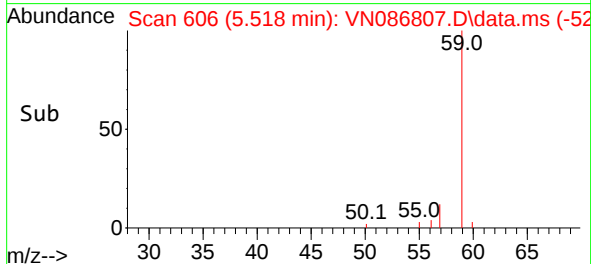
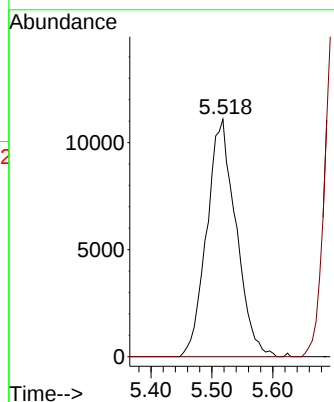
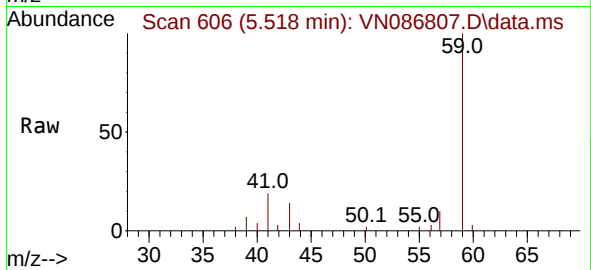
#23
tert-Butyl Alcohol
Concen: 101.832 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 3697
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

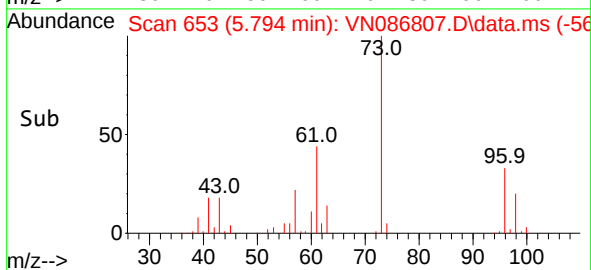
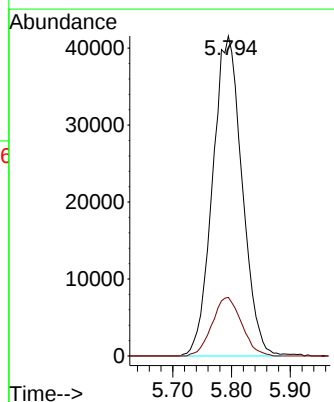
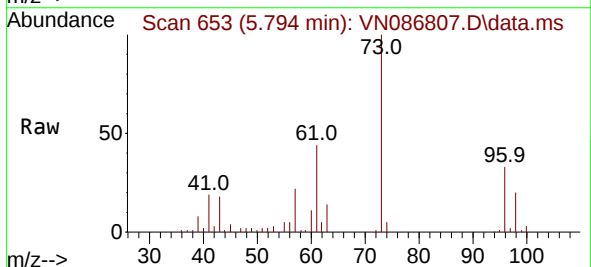
Manual Integrations
APPROVED

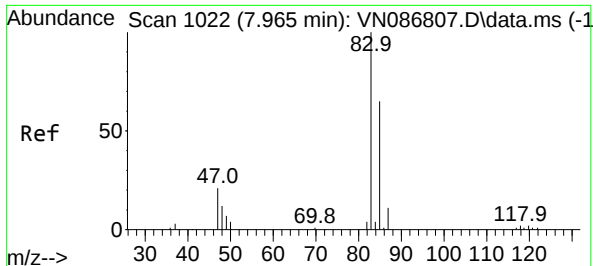
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#24
Methyl tert-Butyl Ether
Concen: 20.083 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 73 Resp: 144821
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0





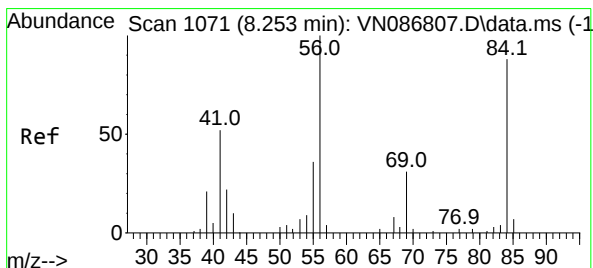
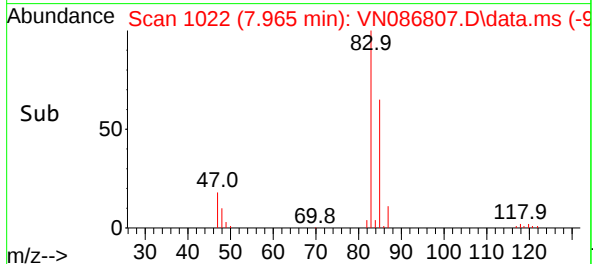
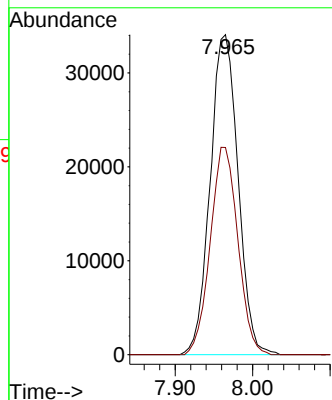
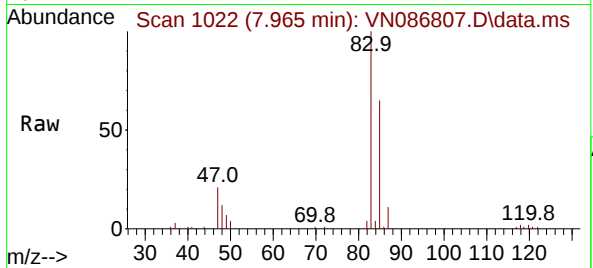
#25
Chloroform
Concen: 20.193 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 85389
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8

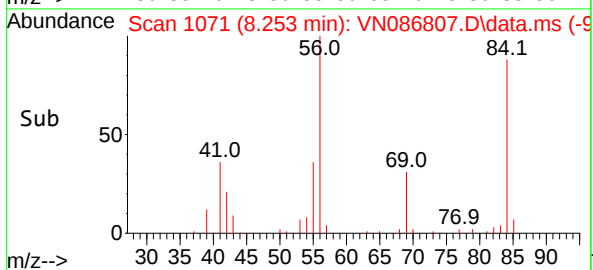
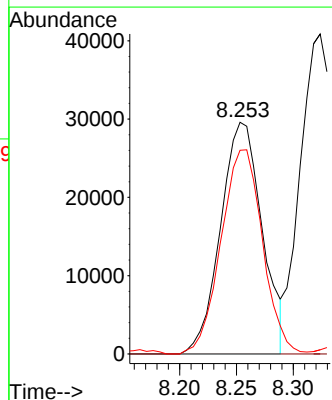
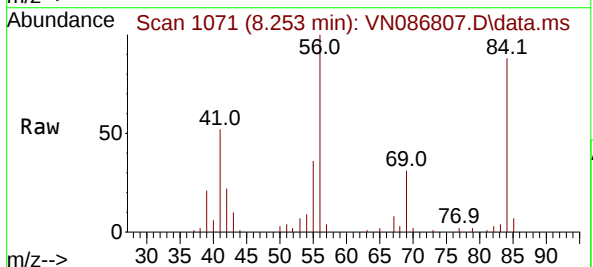
Manual Integrations
APPROVED

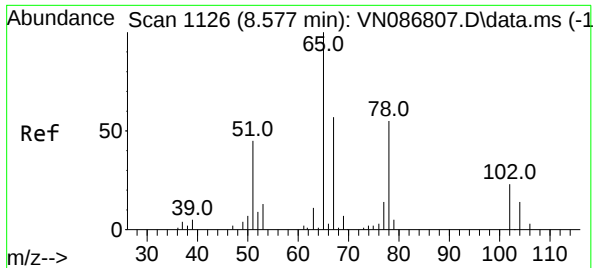
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
Cyclohexane
Concen: 20.148 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 56 Resp: 75338
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.0 70.4 105.6





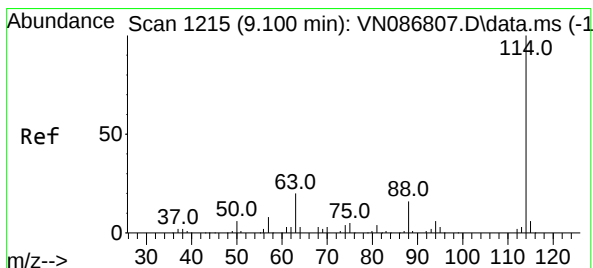
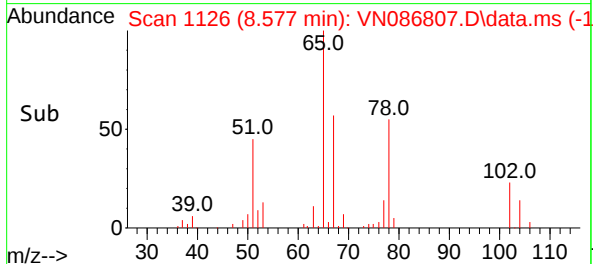
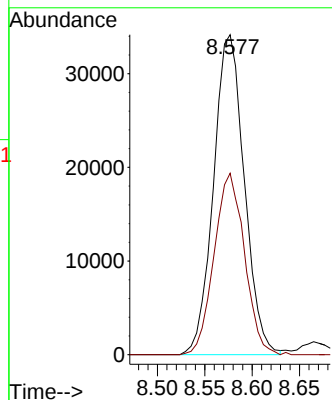
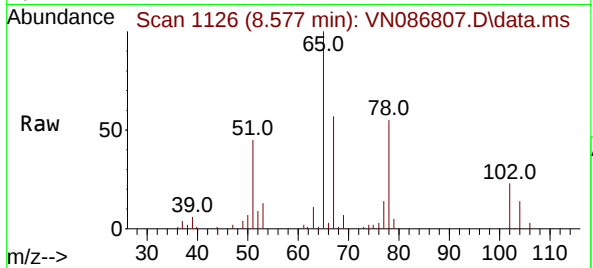
#27
1,2-Dichloroethane-d4
Concen: 30.297 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 77229
Ion Ratio Lower Upper
65 100
67 55.8 44.6 67.0

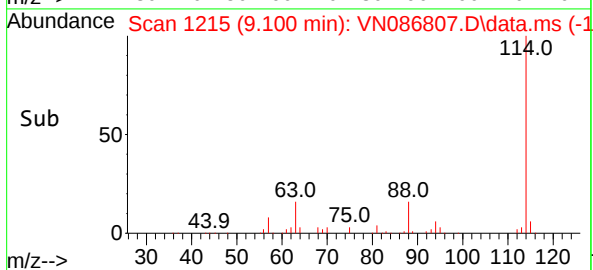
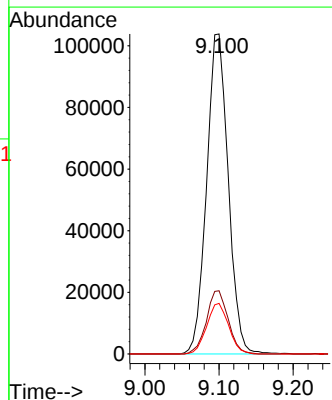
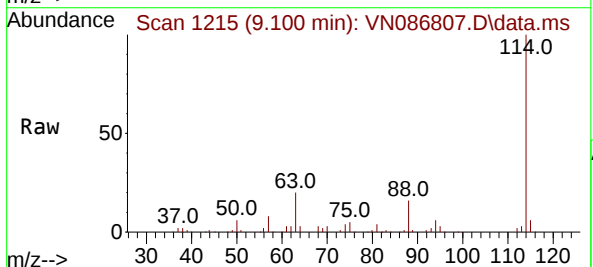
Manual Integrations
APPROVED

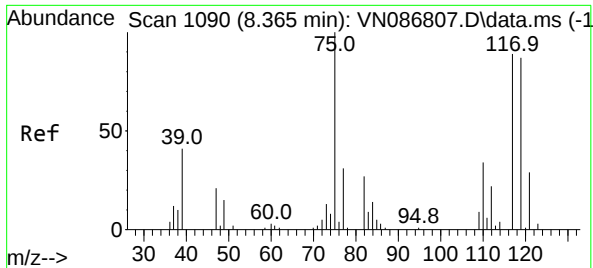
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:114 Resp: 210546
Ion Ratio Lower Upper
114 100
63 19.8 15.8 23.8
88 16.1 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.111 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

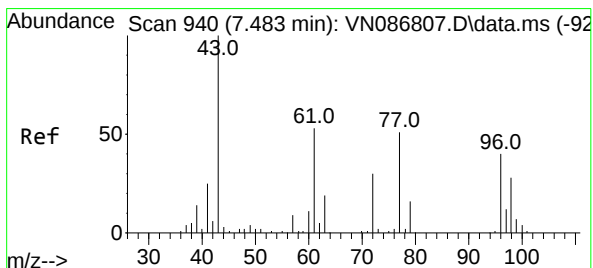
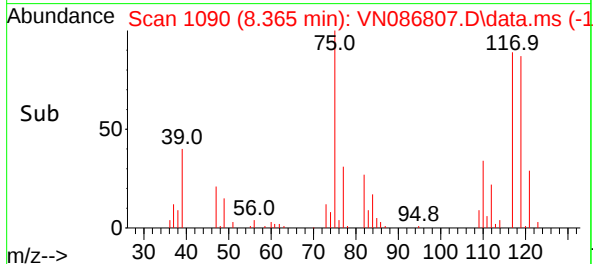
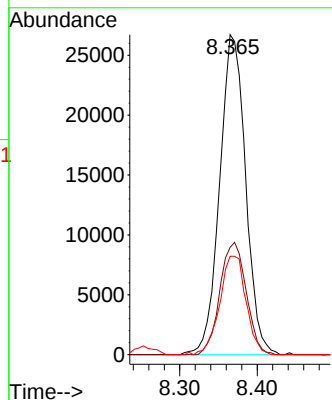
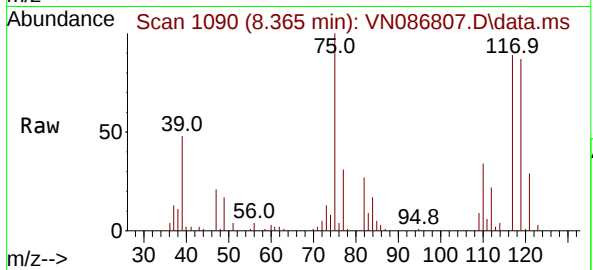
Tgt Ion: 75	Resp: 6225
Ion Ratio	Lower Upper
75	100
110	35.5 0.0 71.0
77	31.2 0.0 62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

2-Butanone

Concen: 101.467 ug/l

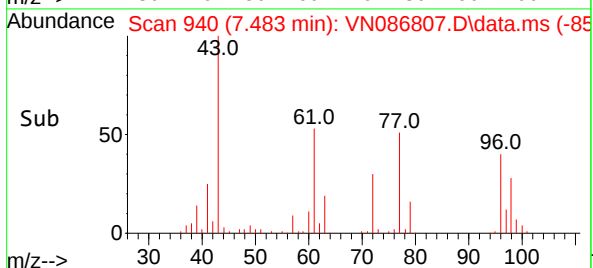
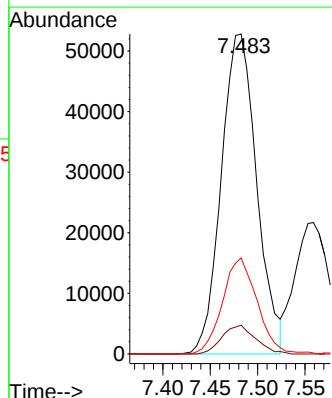
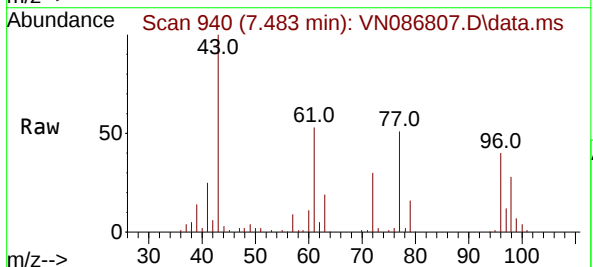
RT: 7.483 min Scan# 940

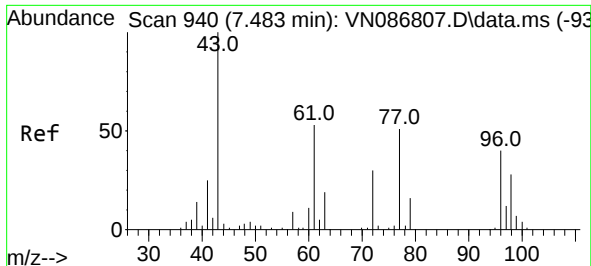
Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

Tgt Ion: 43	Resp: 137625
Ion Ratio	Lower Upper
43	100
57	8.5 6.8 10.2
72	29.2 23.4 35.0





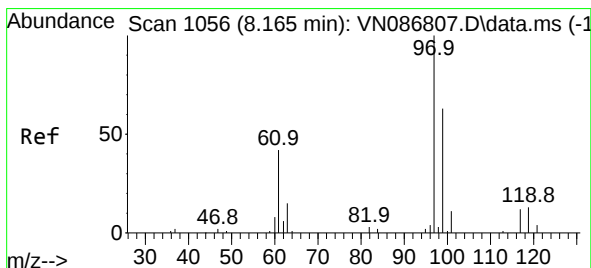
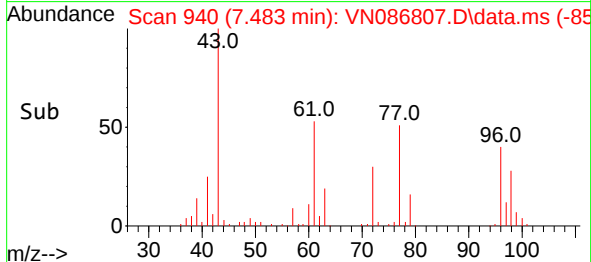
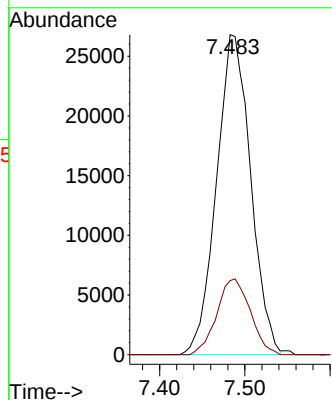
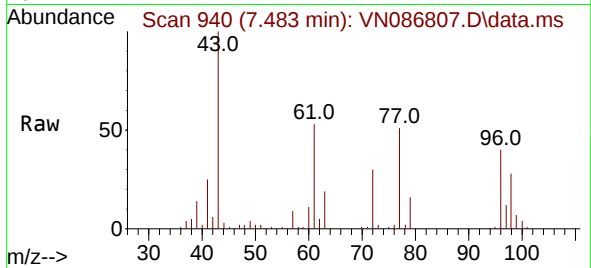
#31
2,2-Dichloropropane
Concen: 20.421 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 7462
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8

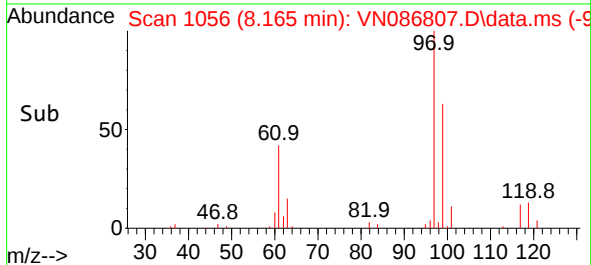
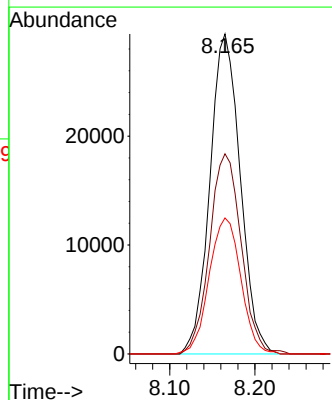
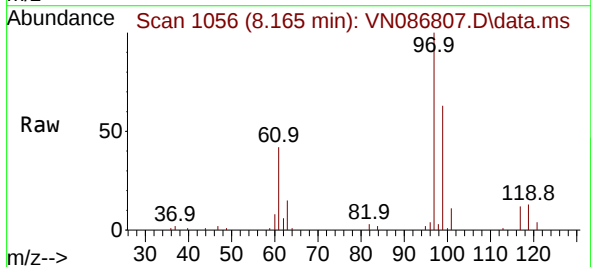
Manual Integrations
APPROVED

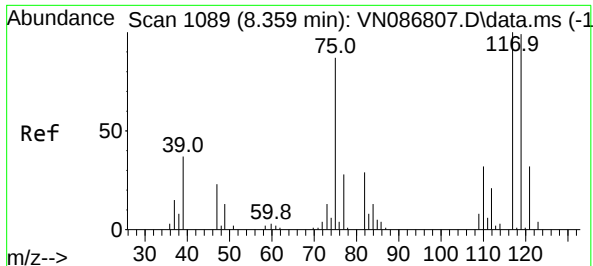
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#32
1,1,1-Trichloroethane
Concen: 20.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

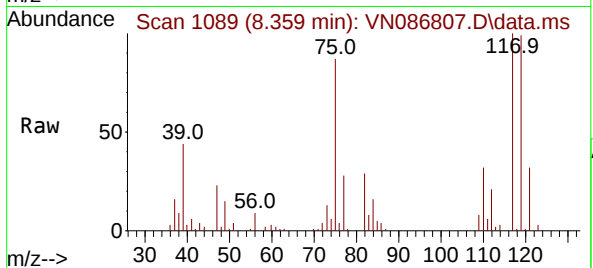
Tgt Ion: 97 Resp: 72907
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.3 35.4 53.2





#33
Carbon Tetrachloride
Concen: 20.187 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

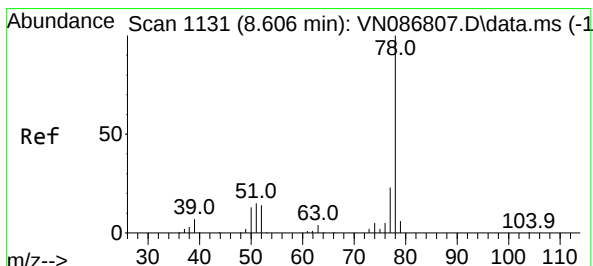
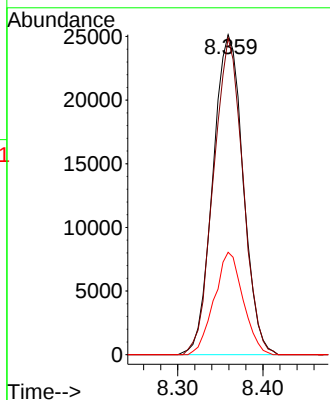
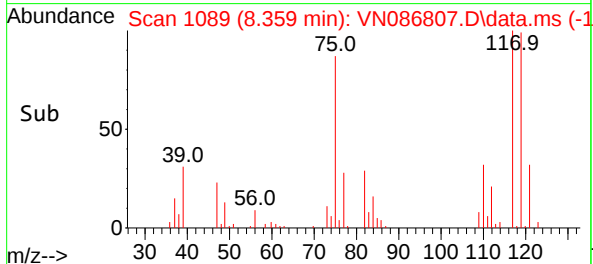
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 6192
Ion Ratio Lower Upper
117 100
119 99.0 79.2 118.8
121 32.0 25.6 38.4

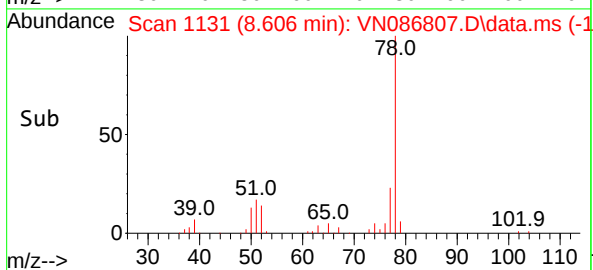
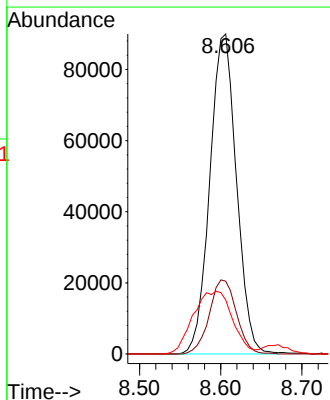
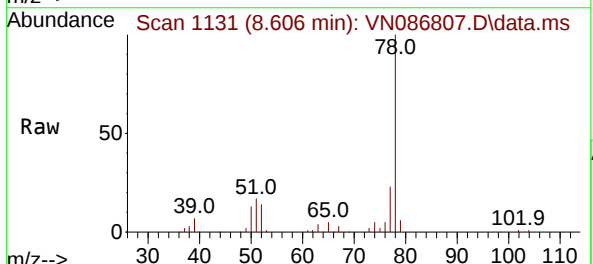
Manual Integrations
APPROVED

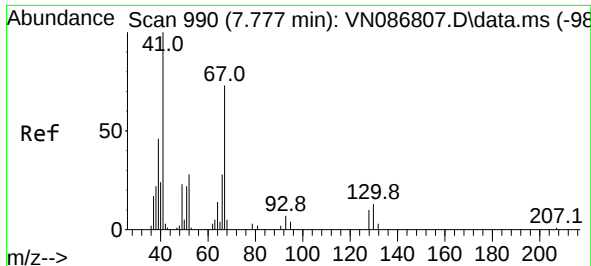
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#34
Benzene
Concen: 20.364 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

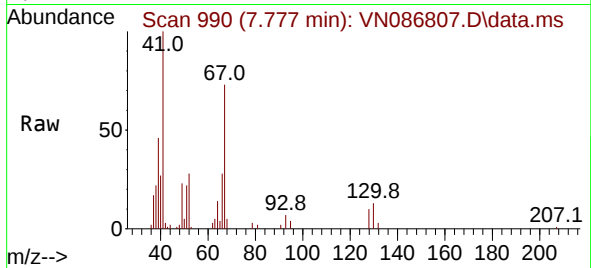
Tgt Ion: 78 Resp: 205111
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
51 14.9 11.9 17.9





#35
Methacrylonitrile
Concen: 21.016 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

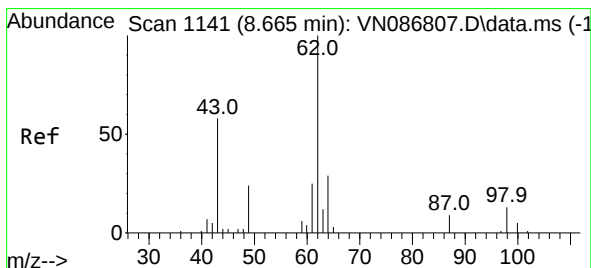
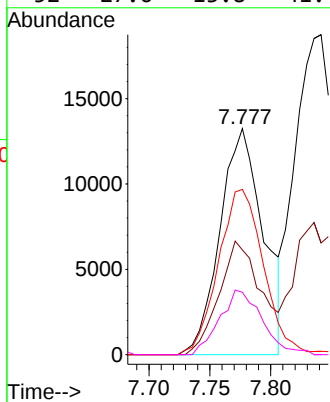
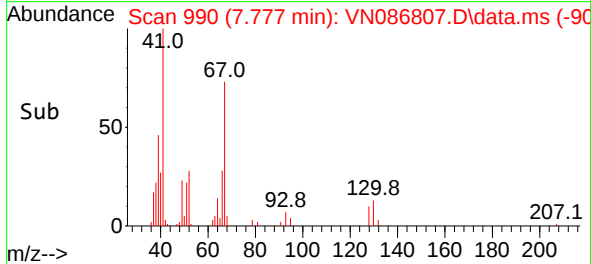
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



Tgt Ion:	41	Resp:	3274
Ion Ratio	100	Lower	Upper
41	100		
39	46.4	23.2	69.6
67	73.1	36.5	109.7
52	27.6	13.8	41.4

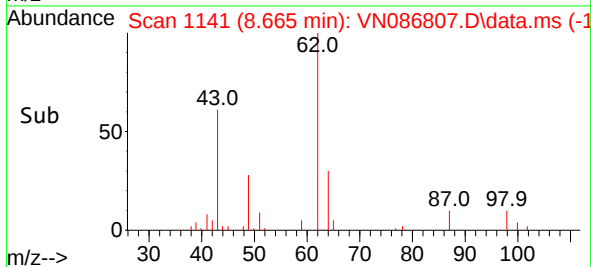
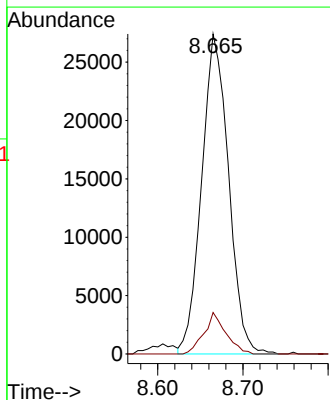
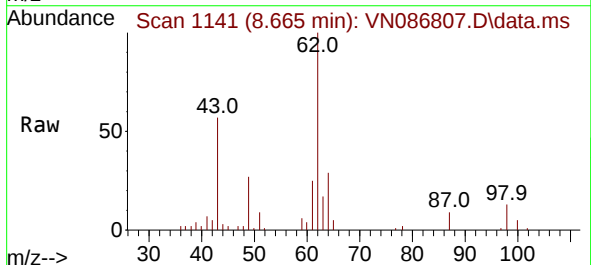
Manual Integrations
APPROVED

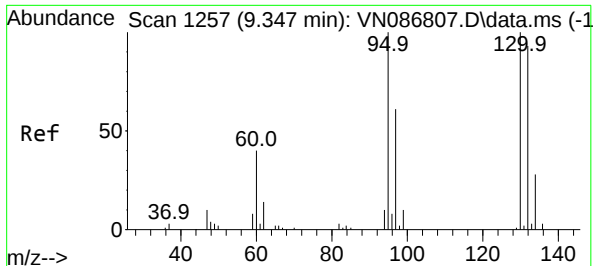
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:	62	Resp:	60188
Ion Ratio	100	Lower	Upper
62	100		
98	10.6	8.5	12.7





#37

Trichloroethene

Concen: 19.725 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 55110

Ion Ratio Lower Upper

130 100

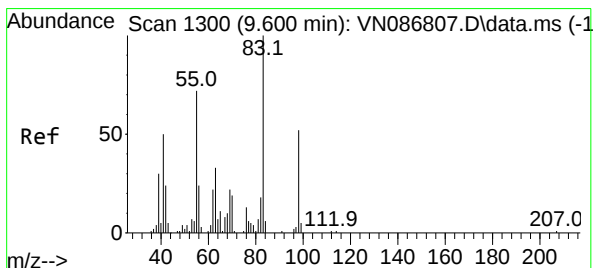
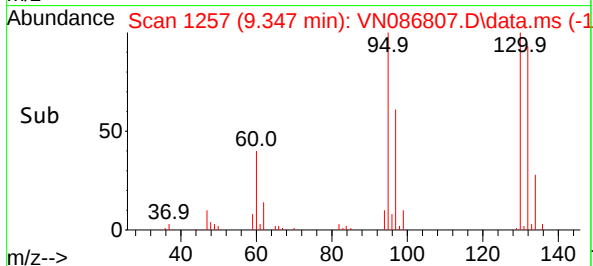
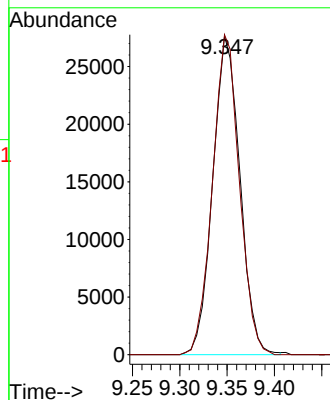
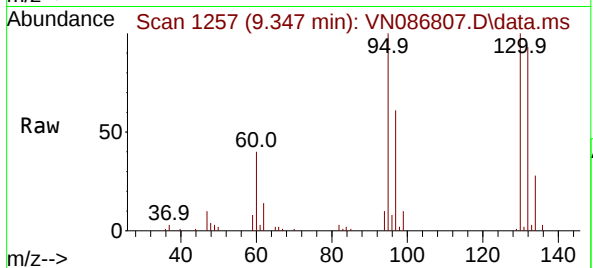
95 100.4 80.3 120.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#38

Methylcyclohexane

Concen: 19.787 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

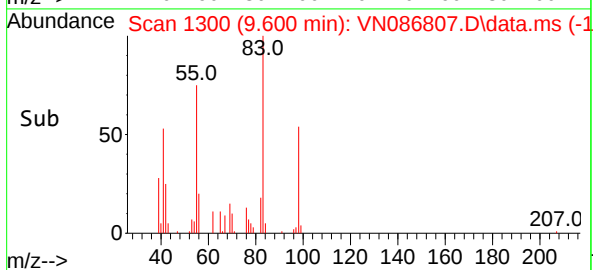
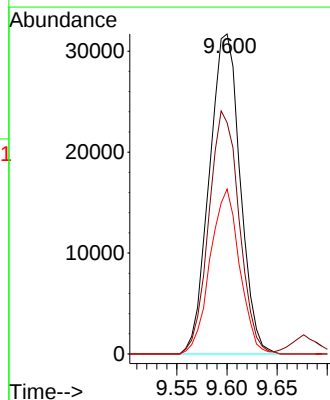
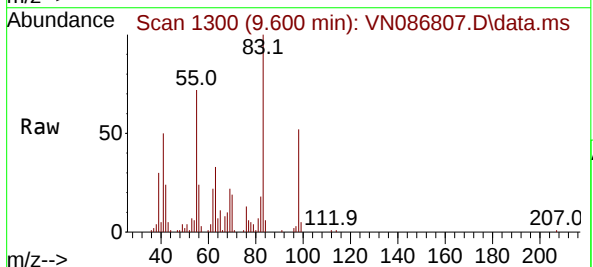
Tgt Ion: 83 Resp: 67964

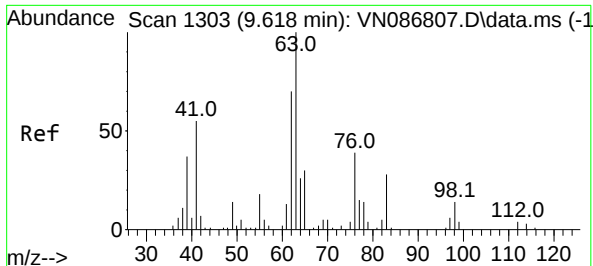
Ion Ratio Lower Upper

83 100

55 74.7 37.4 112.1

98 49.1 24.6 73.6





#39

1,2-Dichloropropane

Concen: 20.472 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 4964

Ion Ratio Lower Upper

63 100

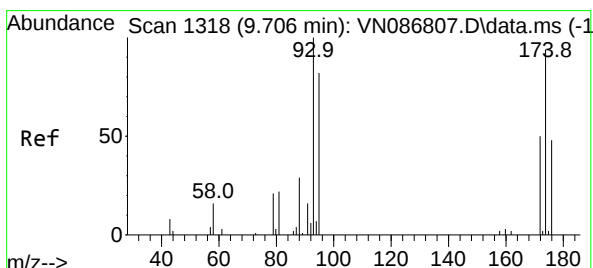
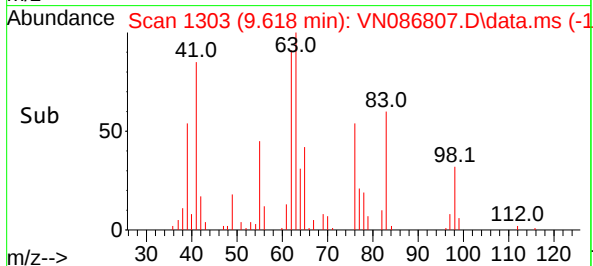
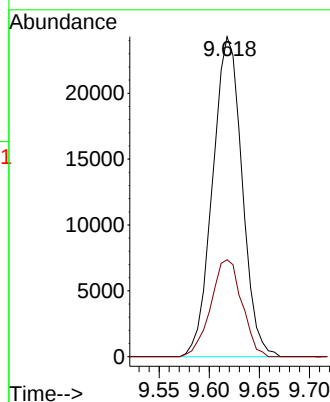
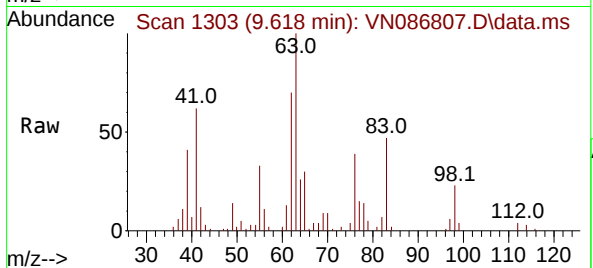
65 30.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Dibromomethane

Concen: 20.198 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

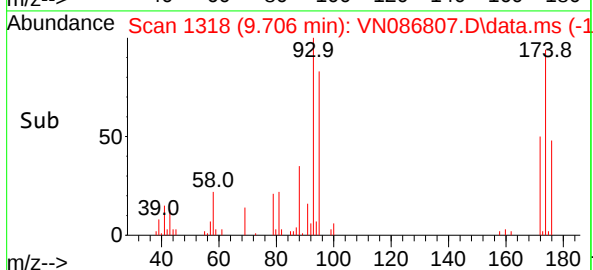
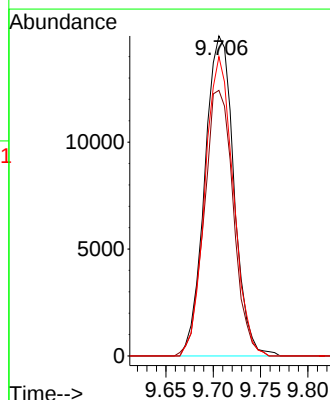
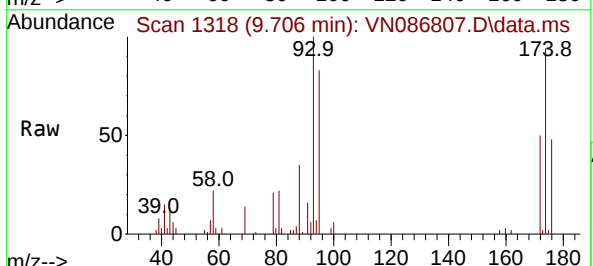
Tgt Ion: 93 Resp: 32035

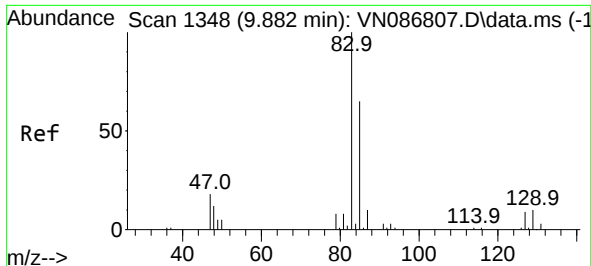
Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.4

174 90.9 0.0 181.8





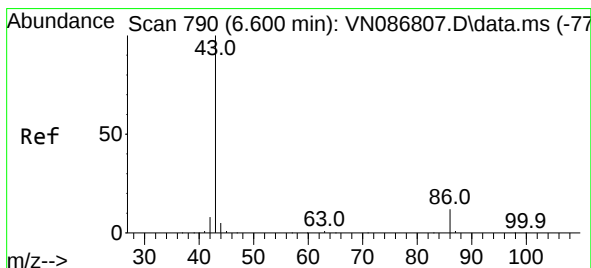
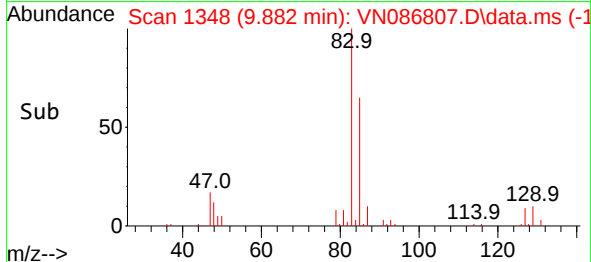
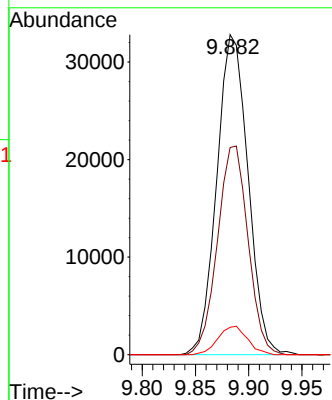
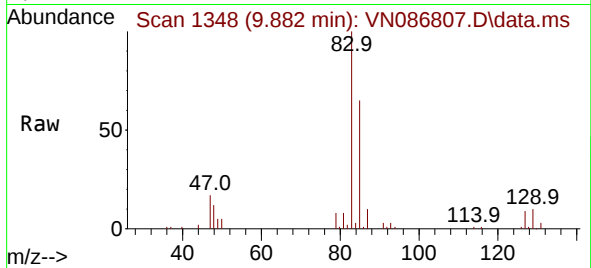
#41
Bromodichloromethane
Concen: 20.146 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 6688
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 8.5 6.8 10.2

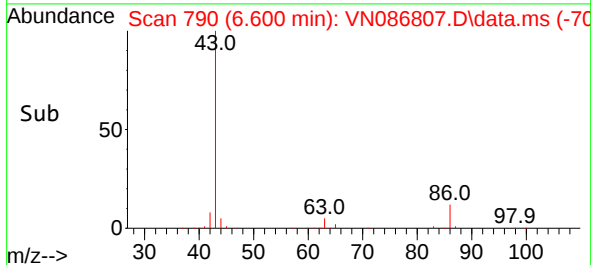
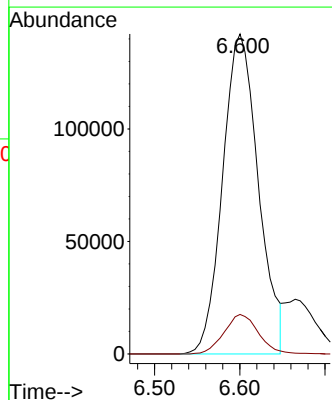
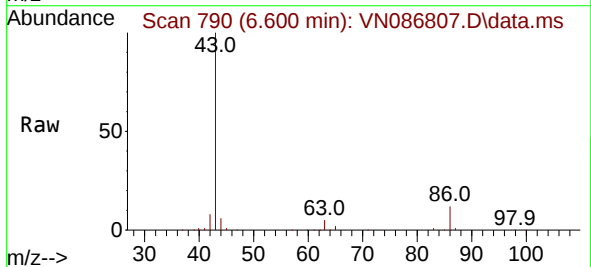
Manual Integrations
APPROVED

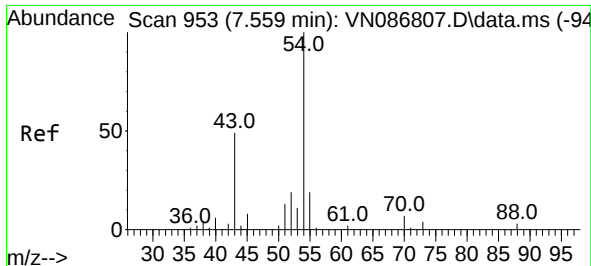
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
Vinyl Acetate
Concen: 105.128 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

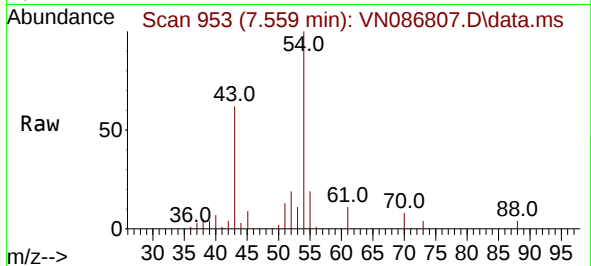
Tgt Ion: 43 Resp: 415639
Ion Ratio Lower Upper
43 100
86 11.9 9.5 14.3





#43
Ethyl Acetate
Concen: 20.995 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

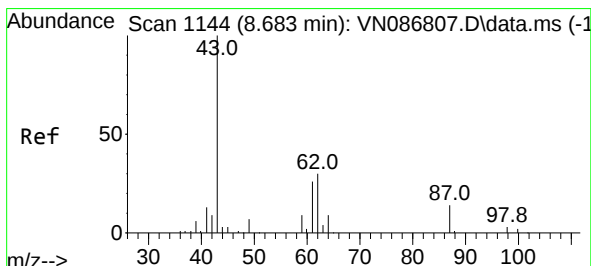
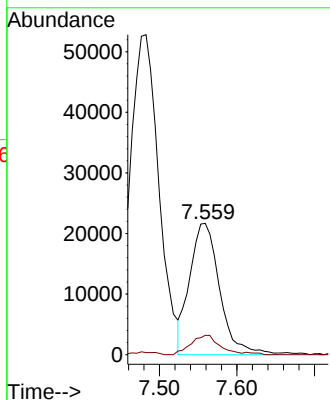
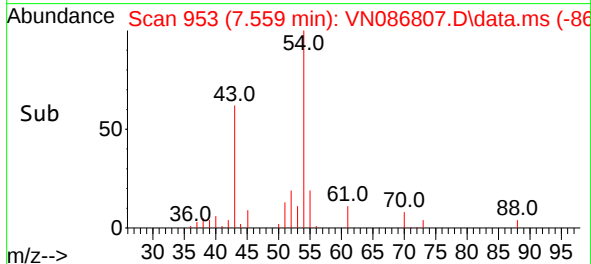
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 5827
Ion Ratio Lower Upper
43 100
45 13.9 11.1 16.7

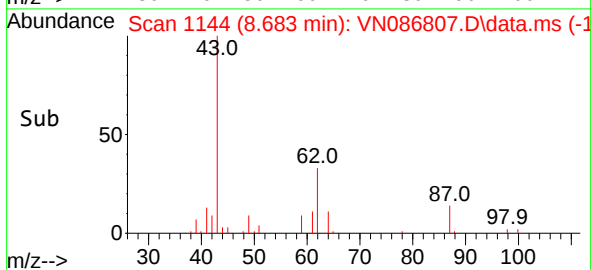
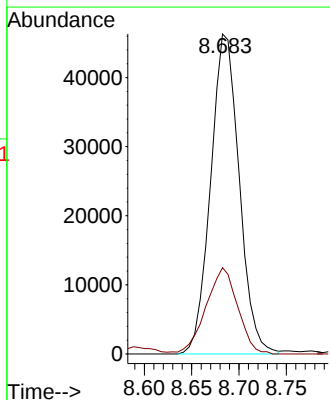
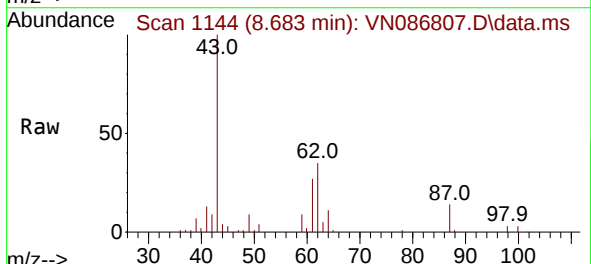
Manual Integrations
APPROVED

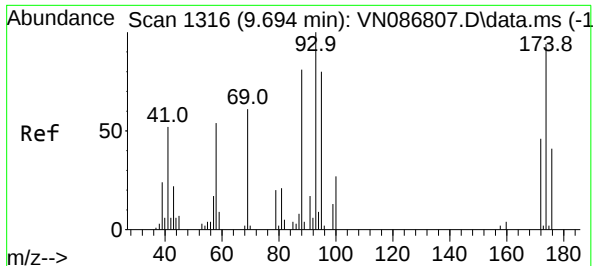
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Isopropyl Acetate
Concen: 20.454 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

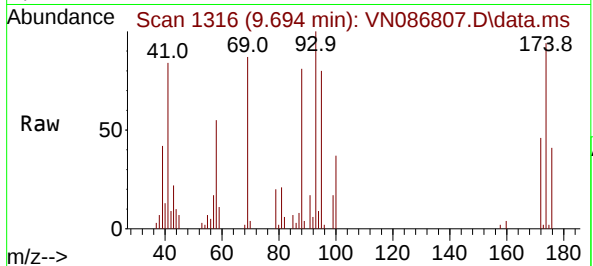
Tgt Ion: 43 Resp: 97384
Ion Ratio Lower Upper
43 100
61 29.7 23.8 35.6





#45
1,4-Dioxane
Concen: 413.686 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

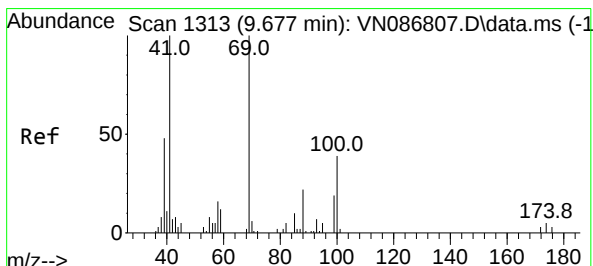
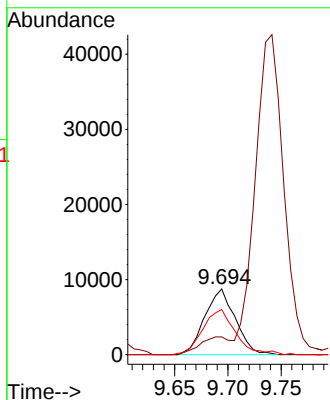
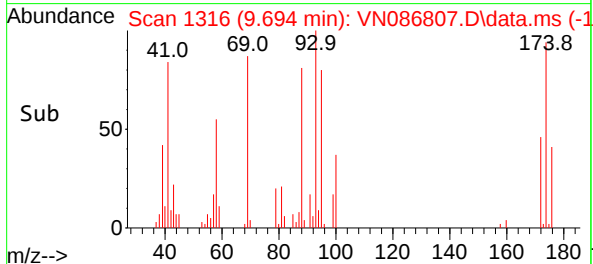
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



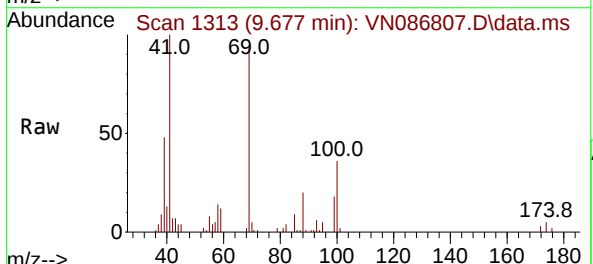
Tgt Ion: 88 Resp: 17500
Ion Ratio Lower Upper
88 100
43 28.8 23.0 34.6
58 72.0 57.6 86.4

Manual Integrations
APPROVED

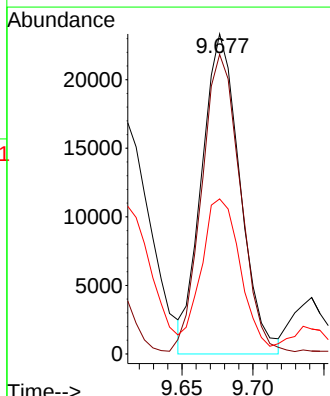
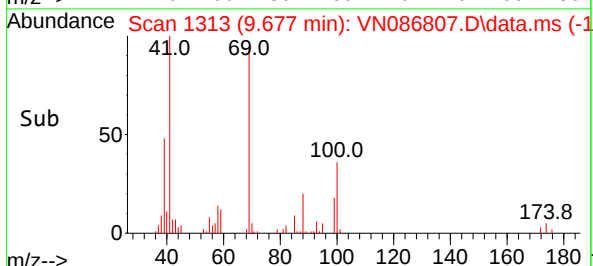
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

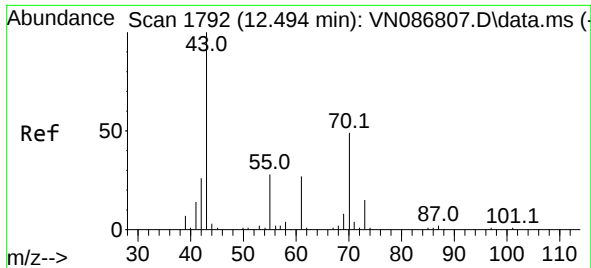


#46
Methyl methacrylate
Concen: 19.916 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



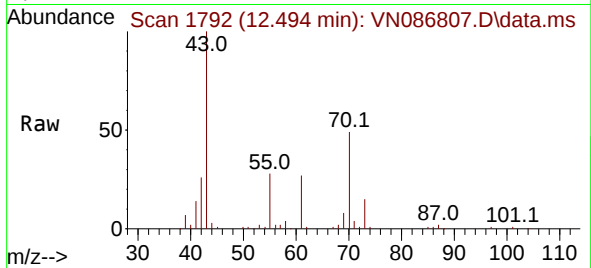
Tgt Ion: 41 Resp: 43721
Ion Ratio Lower Upper
41 100
69 96.1 48.0 144.2
39 47.5 23.8 71.2





#47
n-amy1 Acetate
Concen: 20.535 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

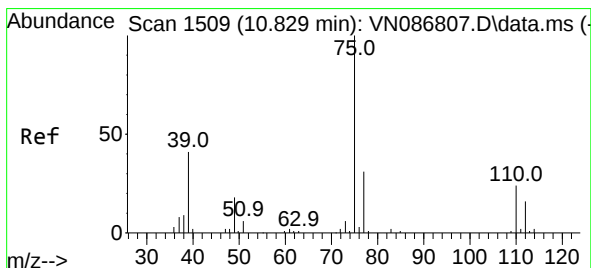
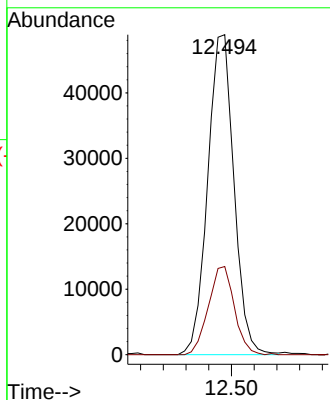
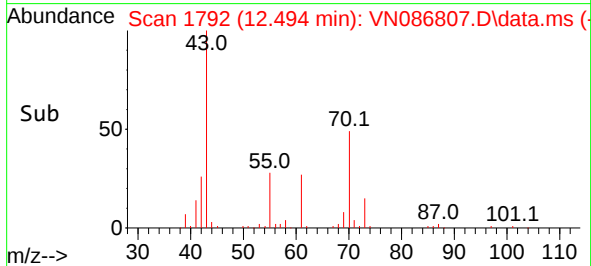
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 78489
Ion Ratio Lower Upper
43 100
55 27.1 21.7 32.5

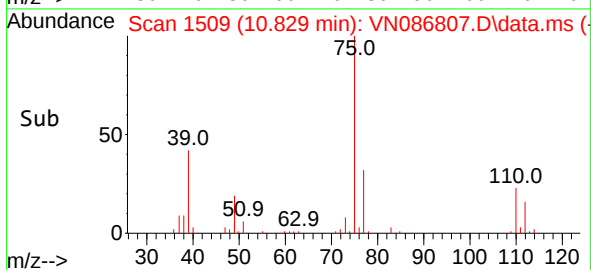
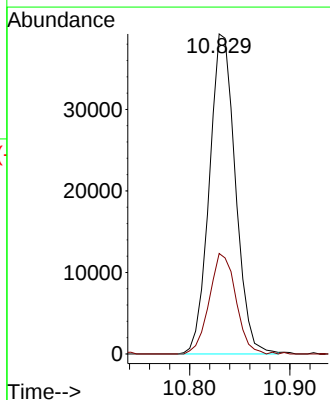
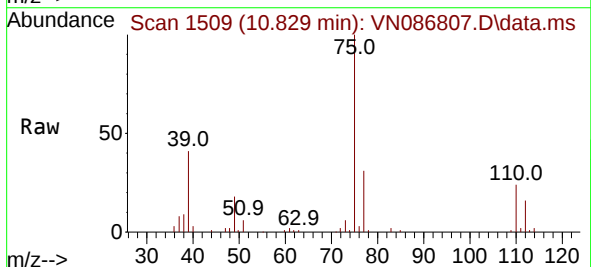
Manual Integrations
APPROVED

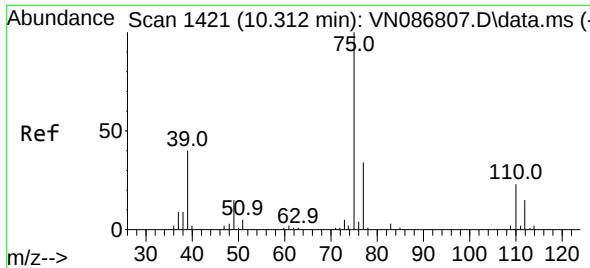
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 19.980 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

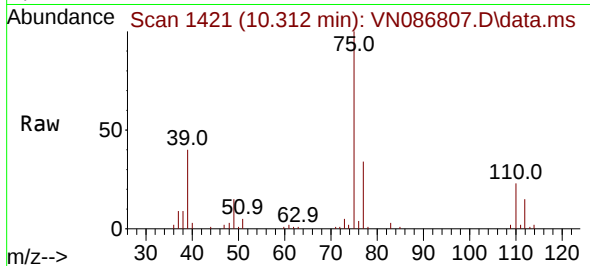
Tgt Ion: 75 Resp: 70982
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.827 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

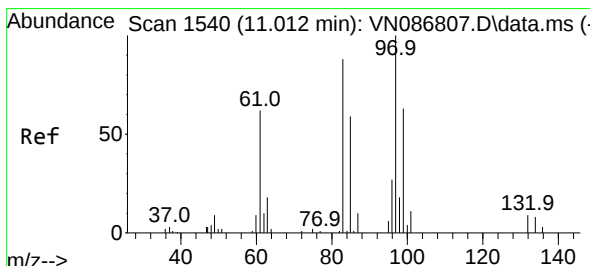
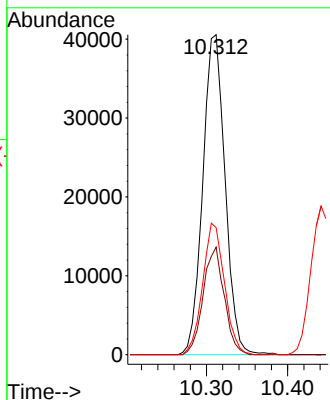
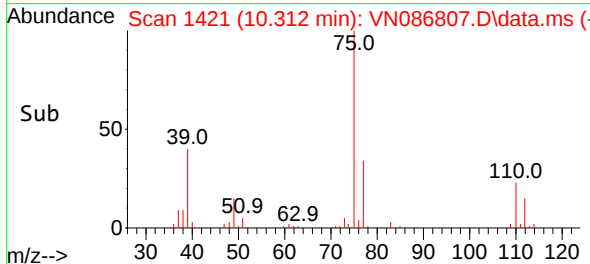
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 7747
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.9 40.3
 39 39.7 31.8 47.6

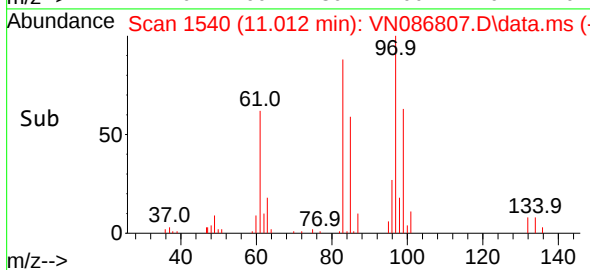
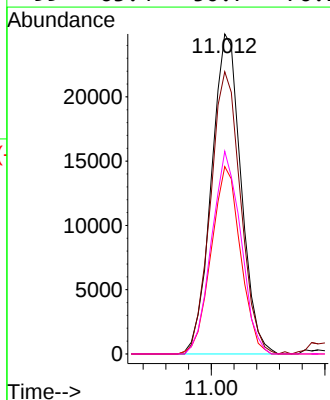
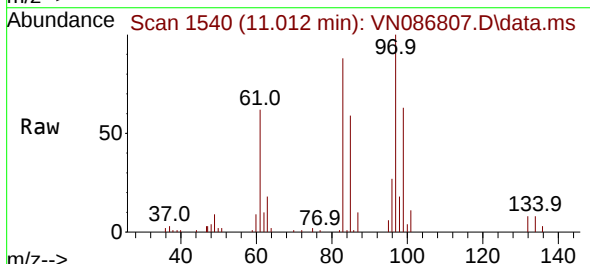
Manual Integrations
 APPROVED

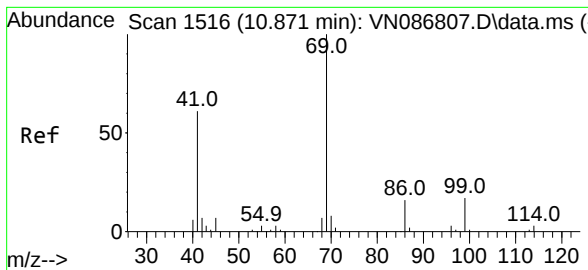
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.132 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

Tgt Ion: 97 Resp: 44971
 Ion Ratio Lower Upper
 97 100
 83 88.2 70.6 105.8
 85 58.5 46.8 70.2
 99 63.4 50.7 76.1





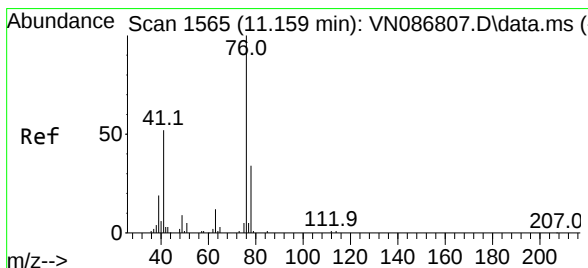
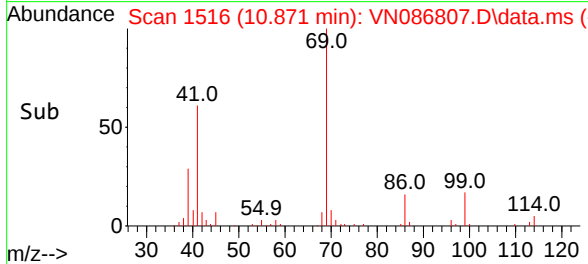
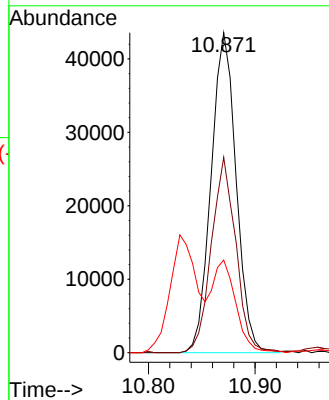
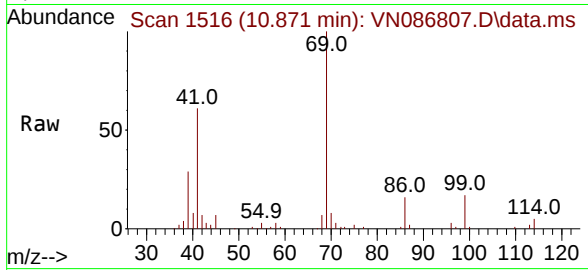
#51
Ethyl methacrylate
Concen: 19.696 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 7125
Ion Ratio Lower Upper
69 100
41 61.0 30.5 91.5
39 28.6 14.3 42.9

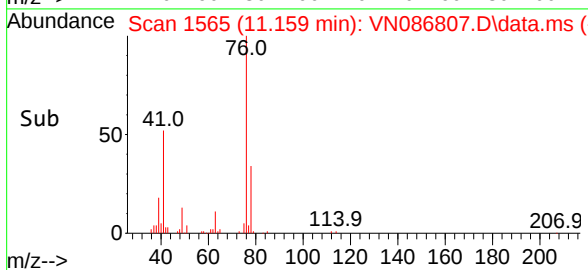
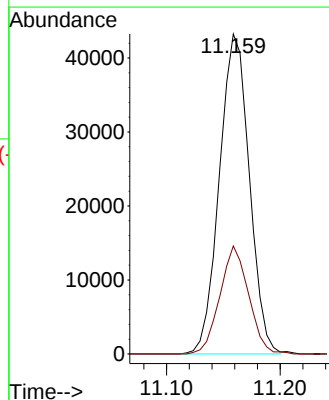
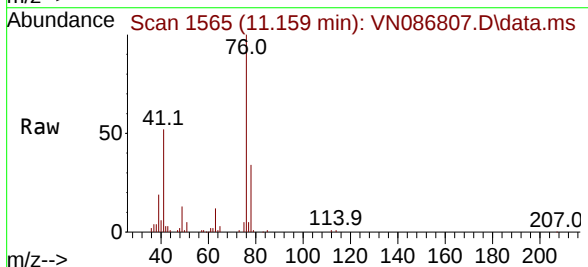
Manual Integrations
APPROVED

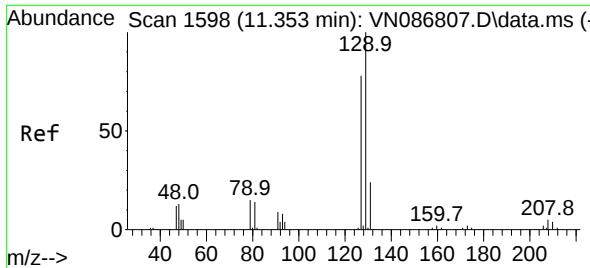
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
1,3-Dichloropropane
Concen: 19.972 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

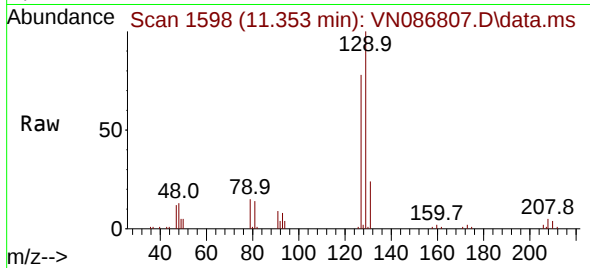
Tgt Ion: 76 Resp: 79173
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





#53
Dibromochloromethane
Concen: 19.788 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

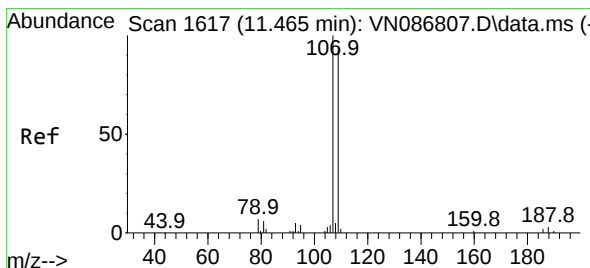
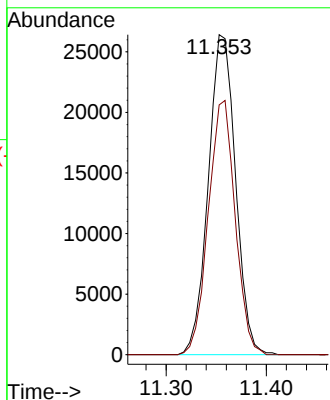
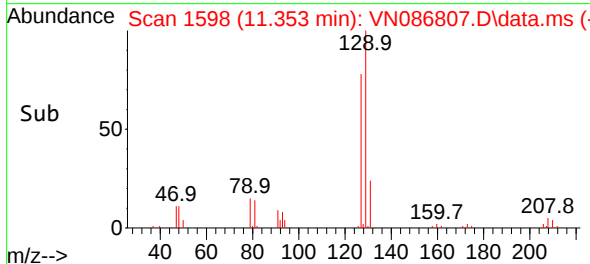
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



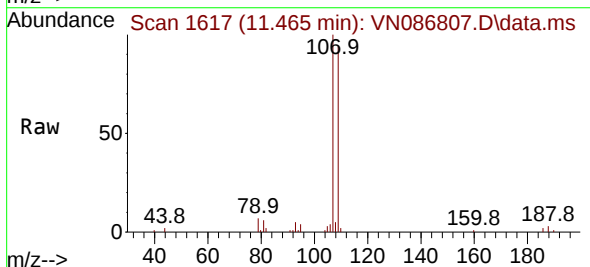
Tgt Ion:129 Resp: 4995
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

Manual Integrations
APPROVED

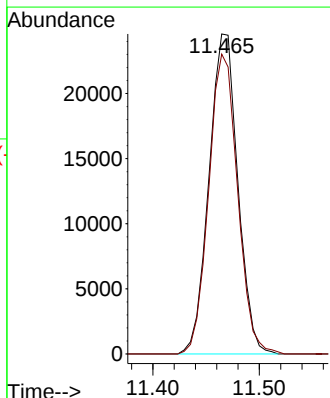
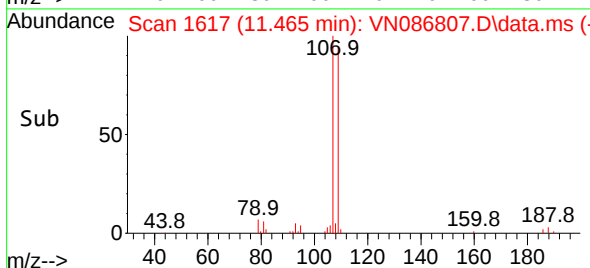
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

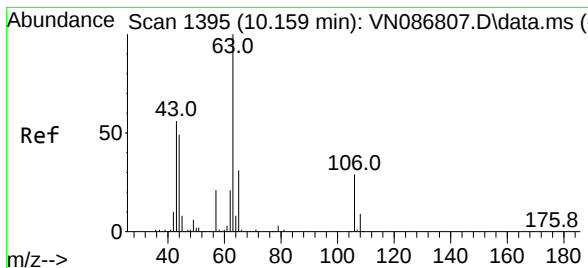


#54
1,2-Dibromoethane
Concen: 20.215 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



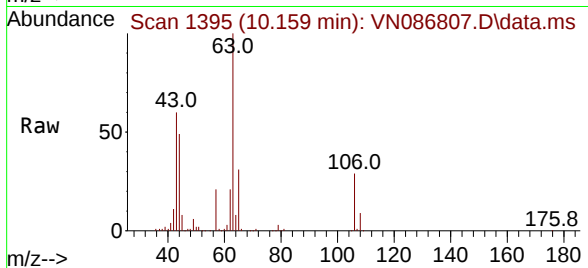
Tgt Ion:107 Resp: 46157
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 96.419 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

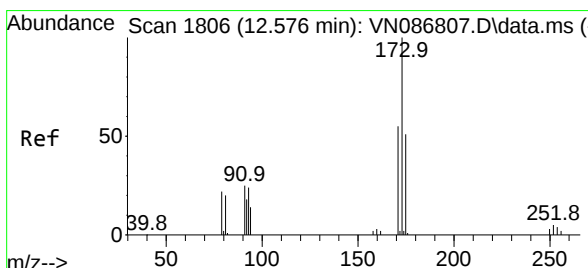
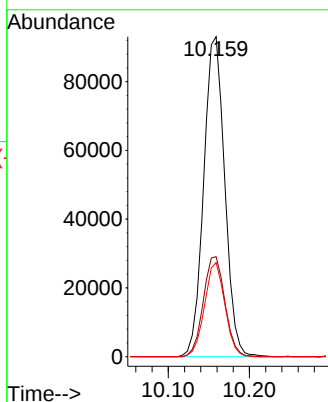
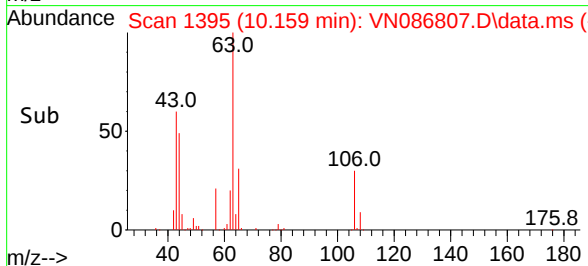
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 16743
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 28.4 22.7 34.1

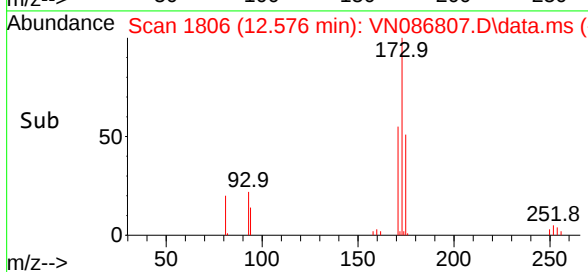
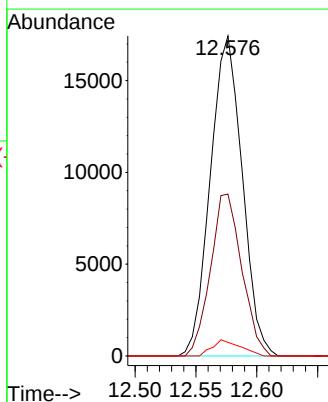
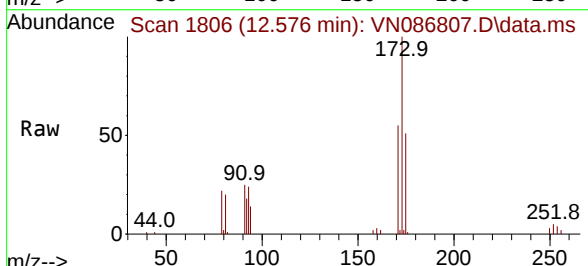
Manual Integrations
APPROVED

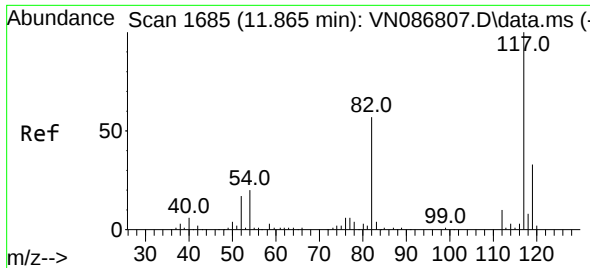
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 19.987 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:173 Resp: 31789
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 4.4 3.5 5.3





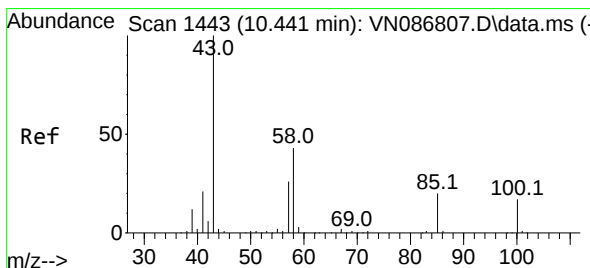
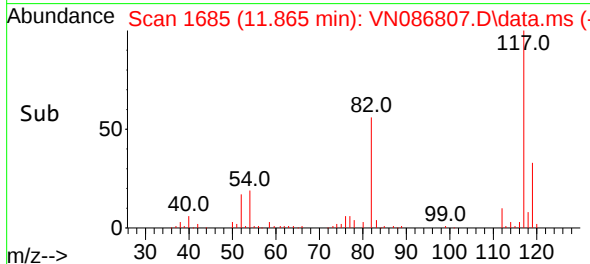
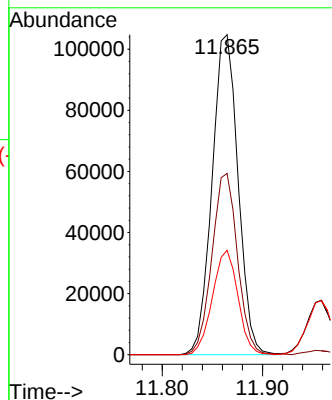
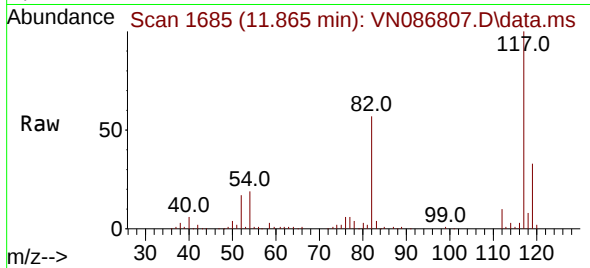
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 189009
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.0 25.6 38.4

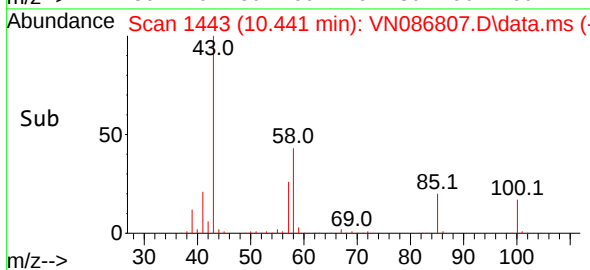
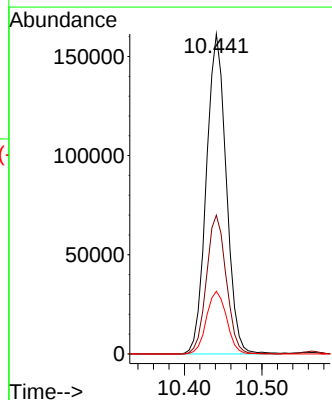
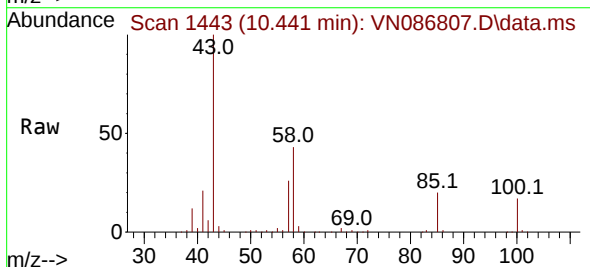
Manual Integrations
APPROVED

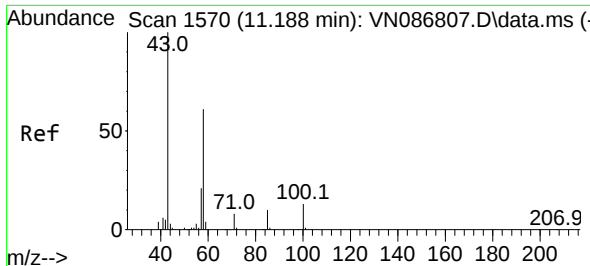
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
4-Methyl-2-Pentanone
Concen: 103.801 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

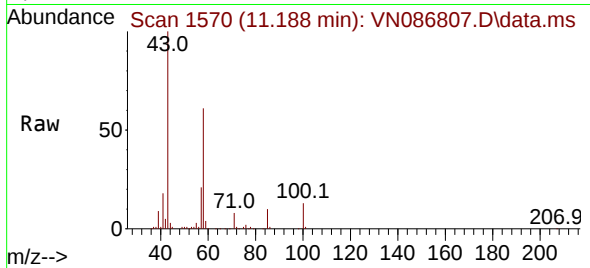
Tgt Ion: 43 Resp: 287881
Ion Ratio Lower Upper
43 100
58 43.1 34.5 51.7
85 19.8 15.8 23.8





#59
2-Hexanone
Concen: 102.323 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

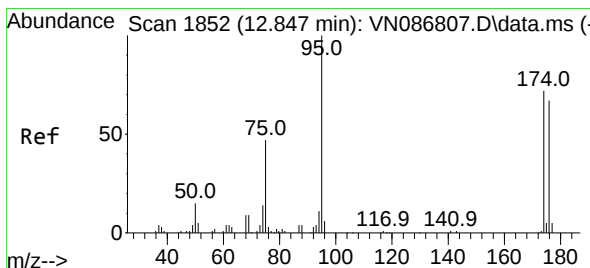
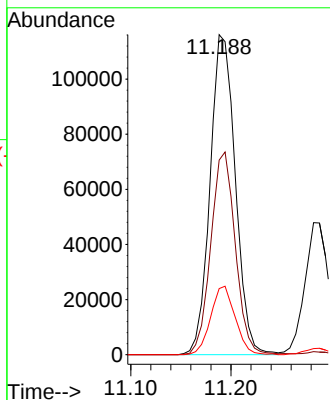
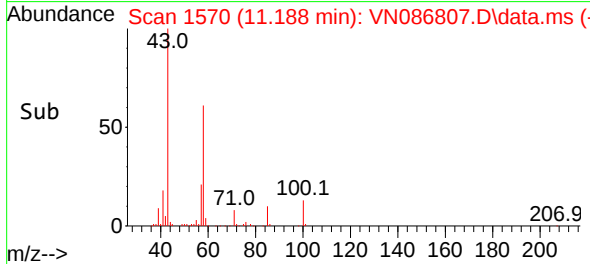
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



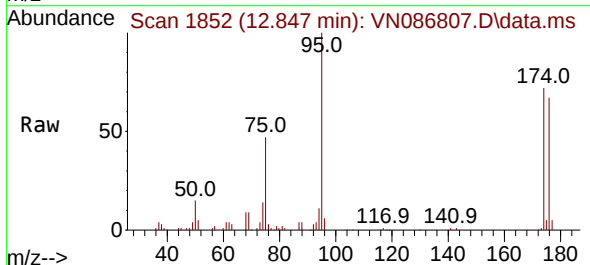
Tgt Ion: 43 Resp: 203275
Ion Ratio Lower Upper
43 100
58 61.4 49.1 73.7
57 20.8 16.6 25.0

Manual Integrations
APPROVED

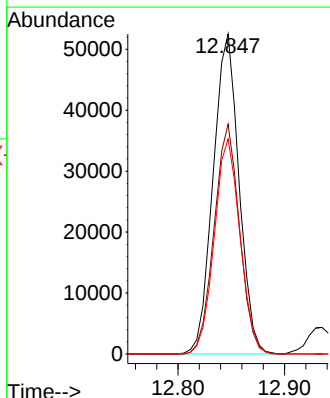
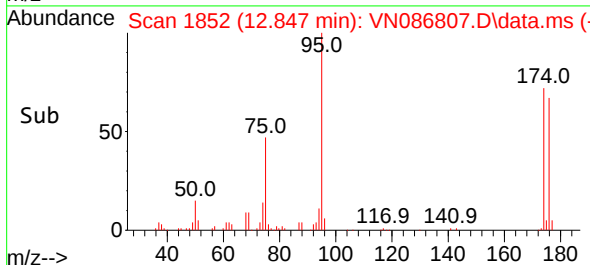
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

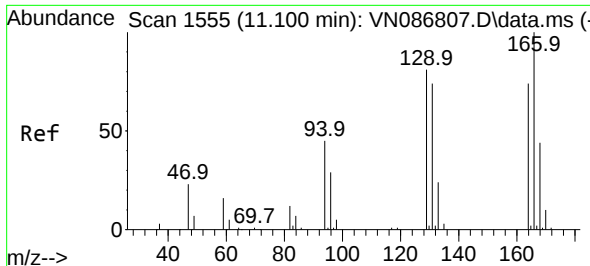


#60
4-Bromofluorobenzene
Concen: 29.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



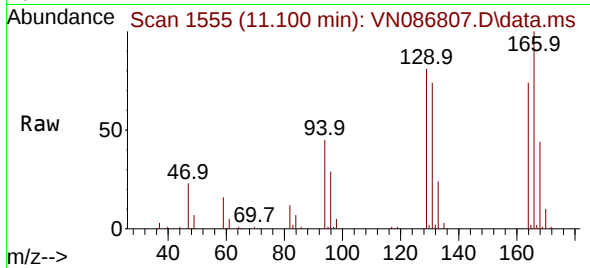
Tgt Ion: 95 Resp: 88476
Ion Ratio Lower Upper
95 100
174 70.3 56.2 84.4
176 66.7 53.4 80.0





#61
Tetrachloroethene
Concen: 19.931 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

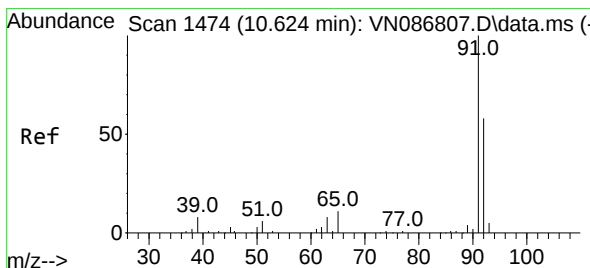
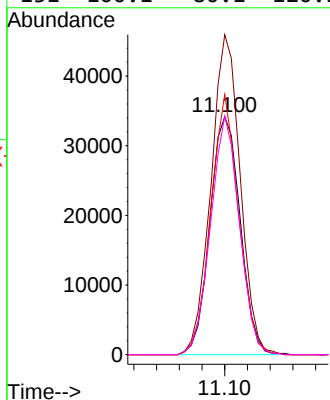
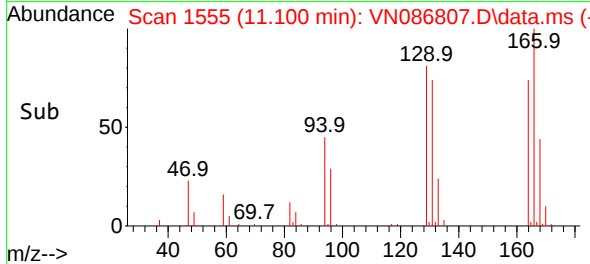
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



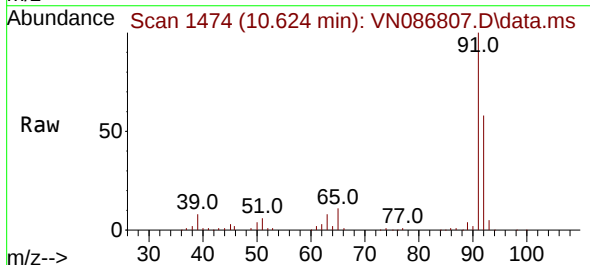
Tgt Ion:164 Resp: 63329
Ion Ratio Lower Upper
164 100
166 134.4 107.5 161.3
129 109.3 87.4 131.2
131 100.1 80.1 120.1

Manual Integrations
APPROVED

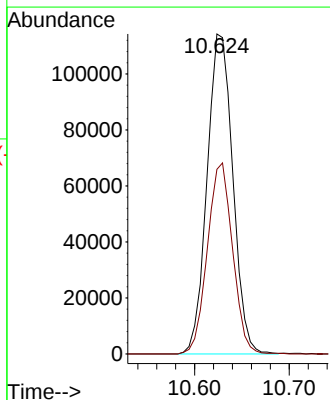
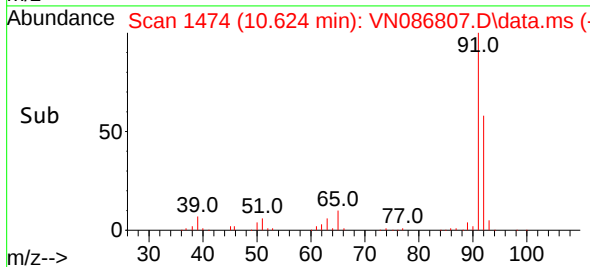
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

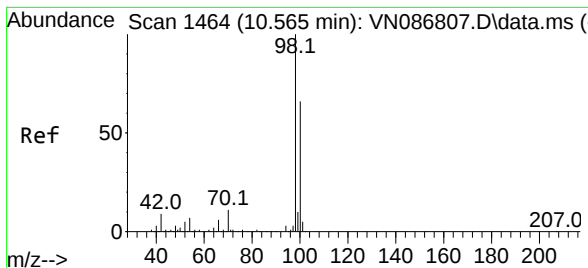


#62
Toluene
Concen: 20.325 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



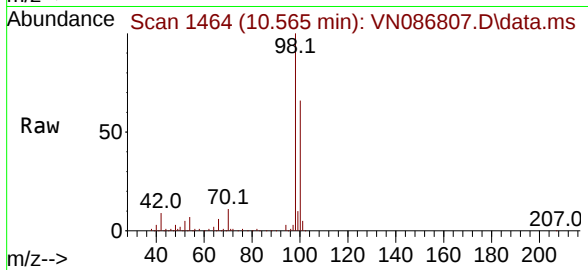
Tgt Ion: 91 Resp: 216360
Ion Ratio Lower Upper
91 100
92 58.3 46.6 70.0





#63
Toluene-d8
Concen: 30.321 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

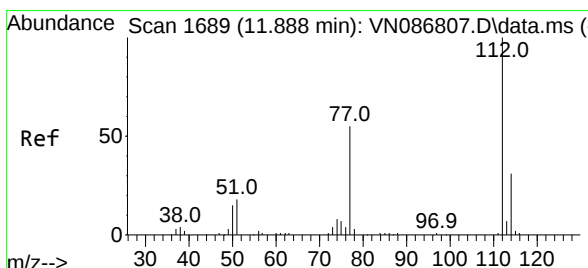
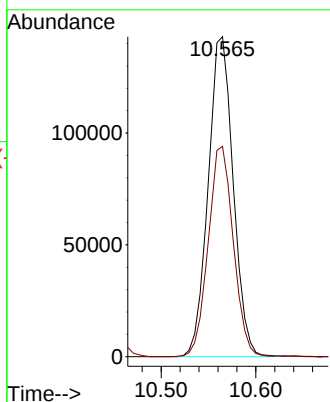
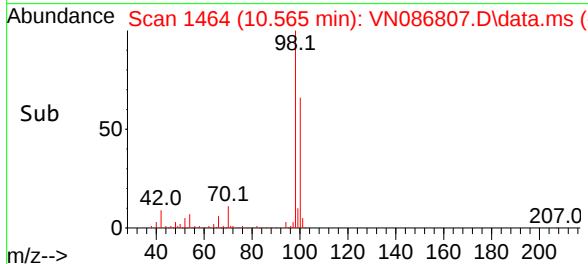
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 263040
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

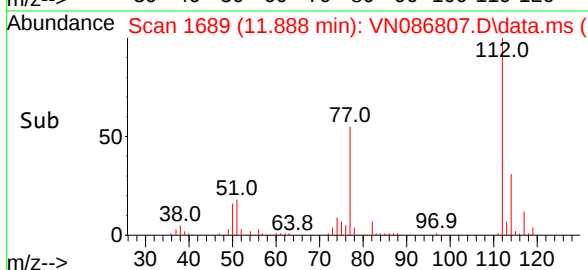
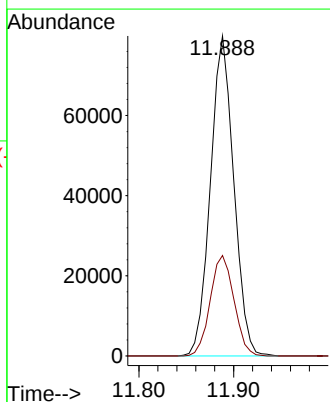
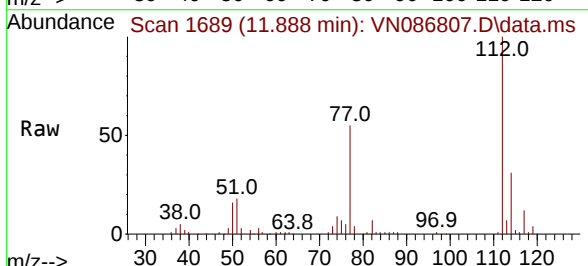
Manual Integrations
APPROVED

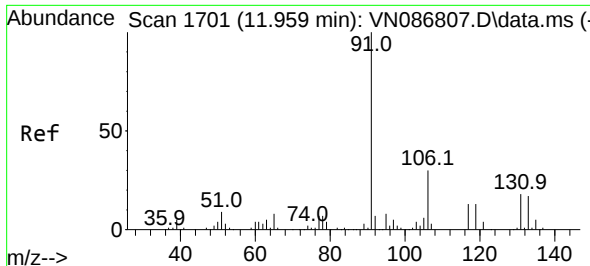
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 20.126 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

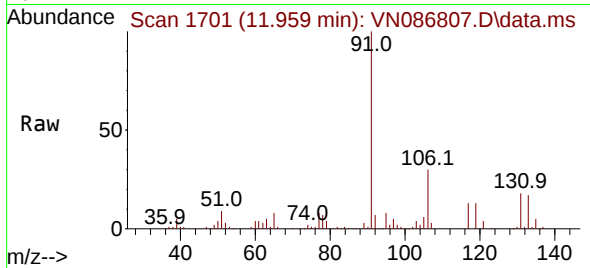
Tgt Ion:112 Resp: 136627
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7





#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.866 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

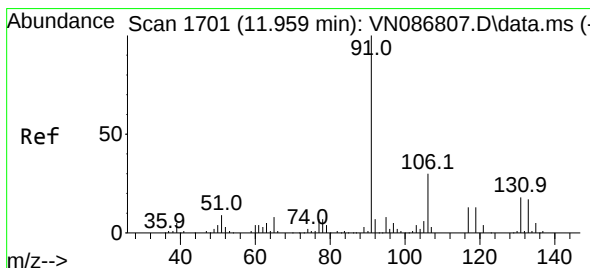
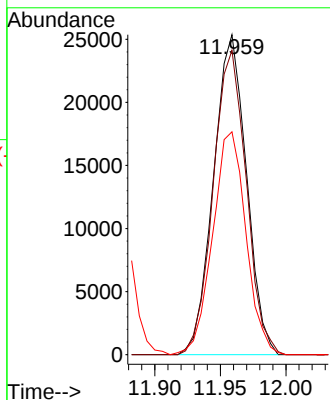
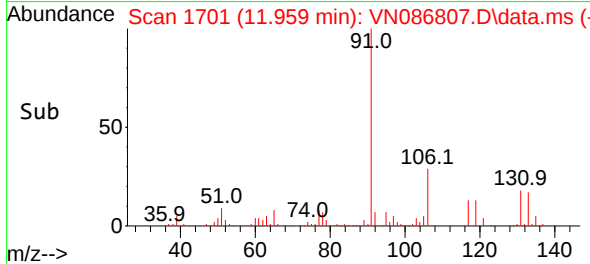
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion:131 Resp: 44300
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 191.0
 119 70.4 0.0 140.8

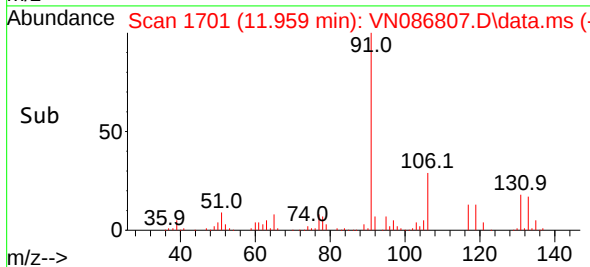
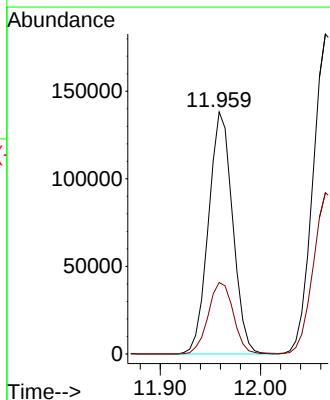
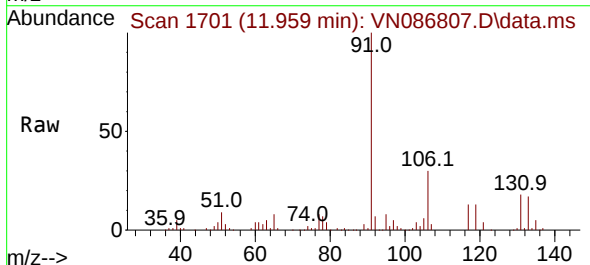
Manual Integrations
 APPROVED

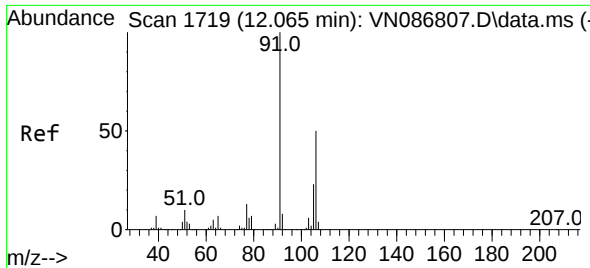
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#66
 Ethyl Benzene
 Concen: 20.088 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 231289
 Ion Ratio Lower Upper
 91 100
 106 29.5 23.6 35.4





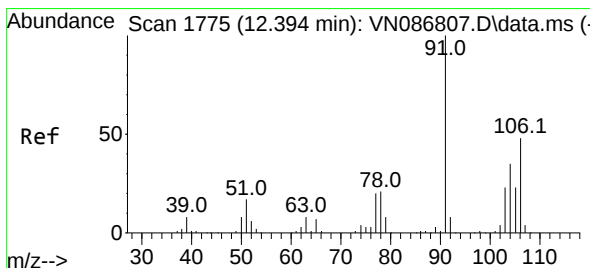
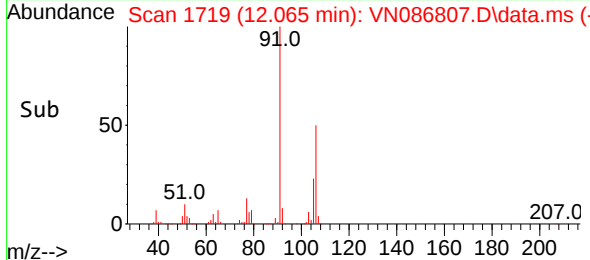
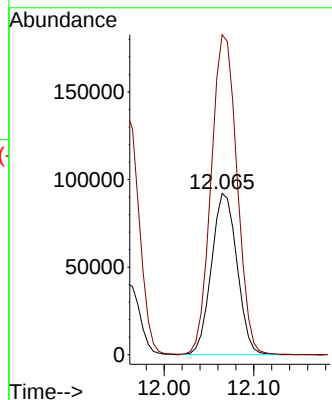
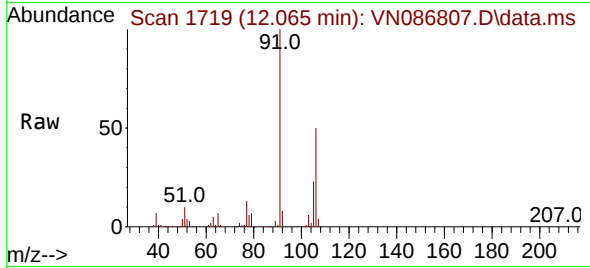
#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 182179
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1

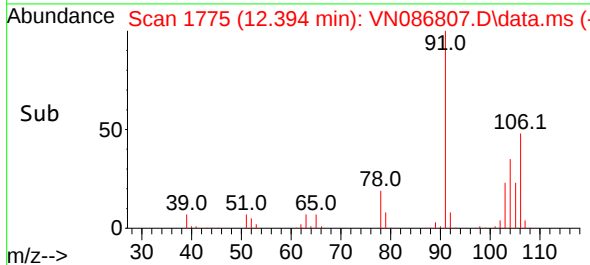
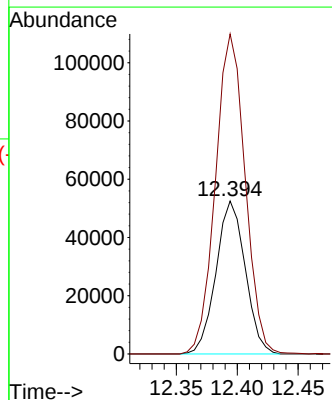
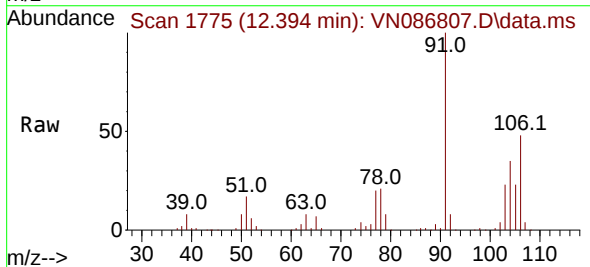
Manual Integrations
APPROVED

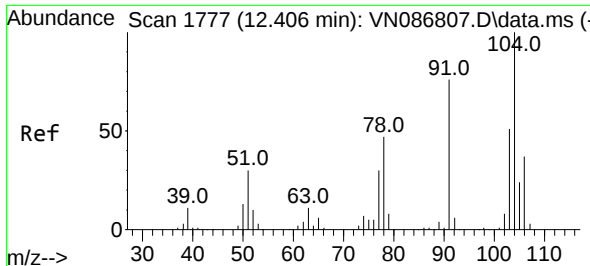
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 20.011 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

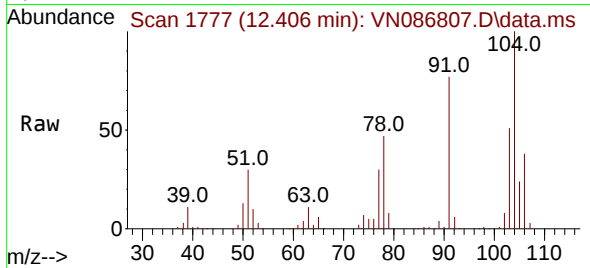
Tgt Ion:106 Resp: 87623
Ion Ratio Lower Upper
106 100
91 212.6 106.3 318.9





#69
Styrene
Concen: 20.007 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

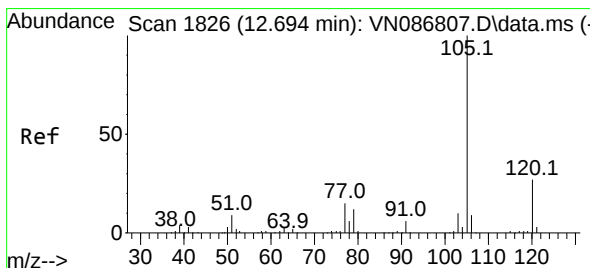
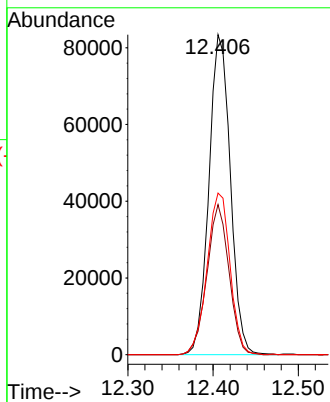
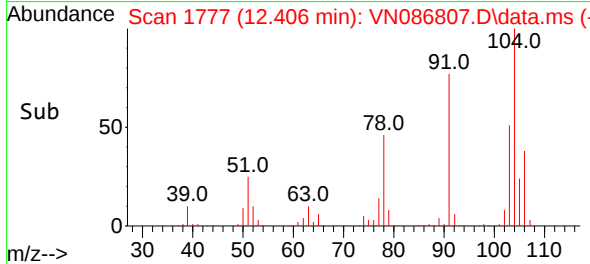
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



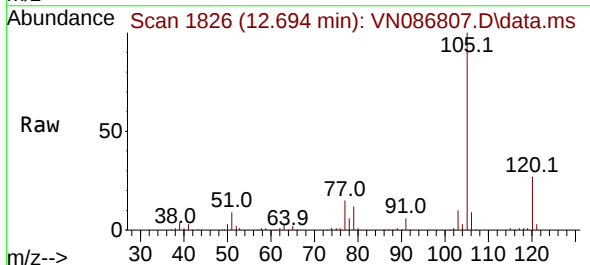
Tgt Ion:104 Resp: 145950
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 54.0 43.2 64.8

Manual Integrations
APPROVED

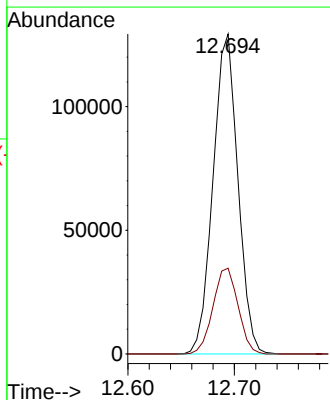
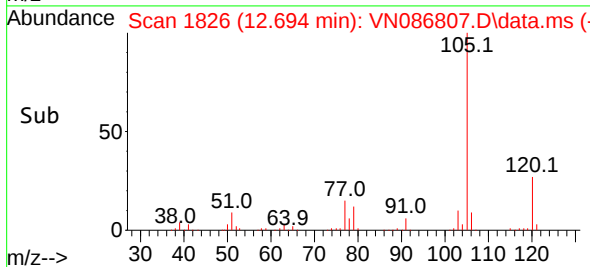
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

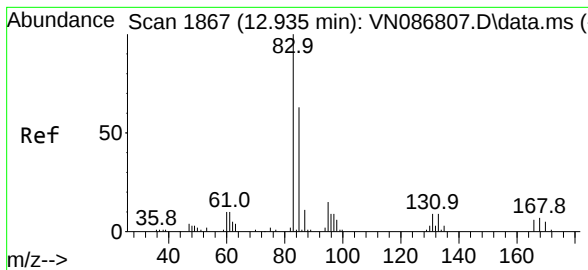


#70
Isopropylbenzene
Concen: 20.086 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



Tgt Ion:105 Resp: 209188
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2





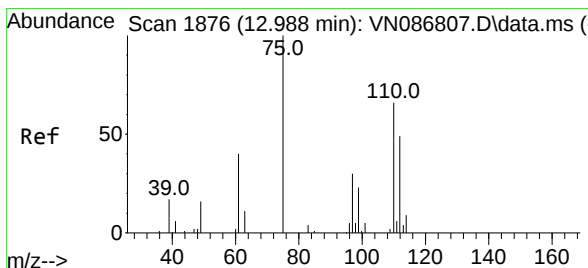
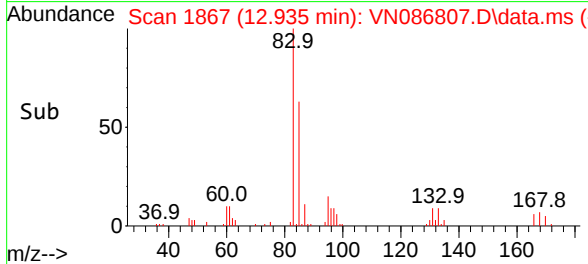
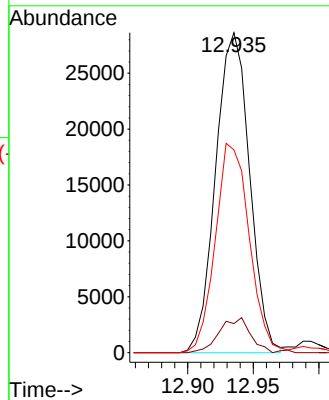
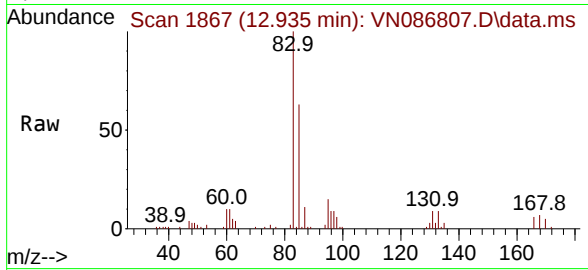
#71
1,1,2,2-Tetrachloroethane
Concen: 20.847 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5162
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.1 32.6 97.7

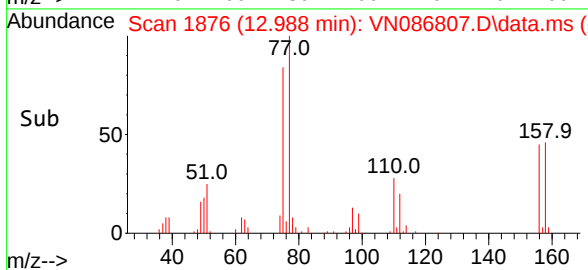
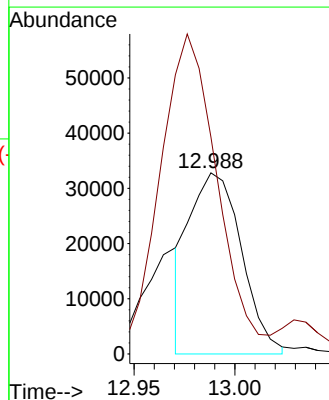
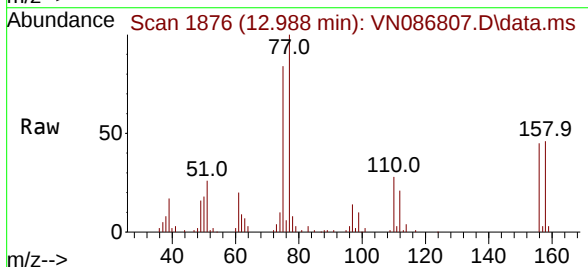
Manual Integrations
APPROVED

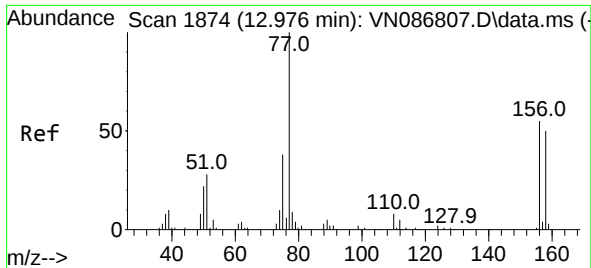
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,2,3-Trichloropropane
Concen: 19.320 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 58937
Ion Ratio Lower Upper
75 100
77 195.3 0.0 390.6





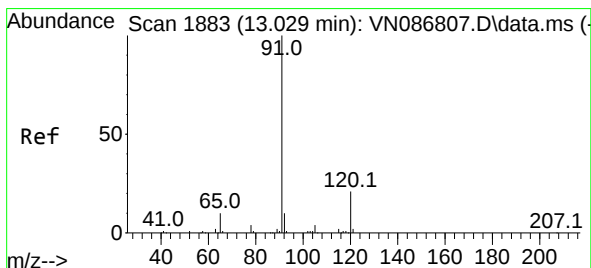
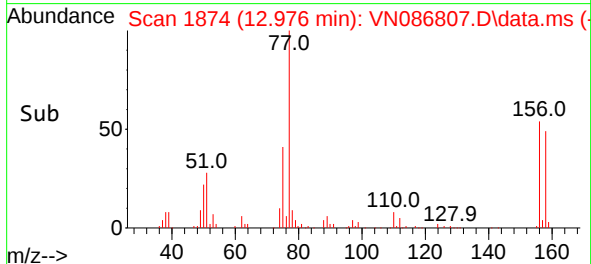
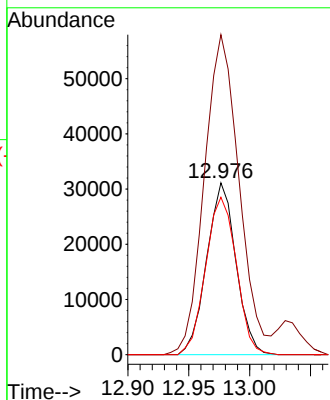
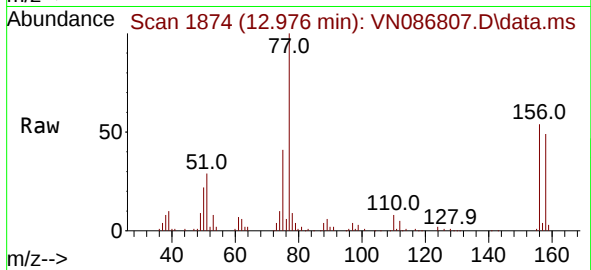
#73
Bromobenzene
Concen: 20.123 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 52090
Ion Ratio Lower Upper
156 100
77 221.0 0.0 442.0
158 95.9 0.0 191.8

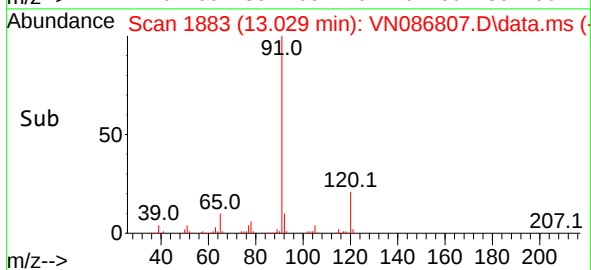
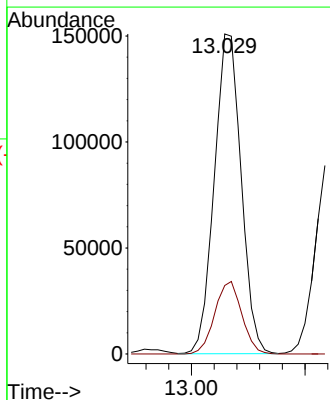
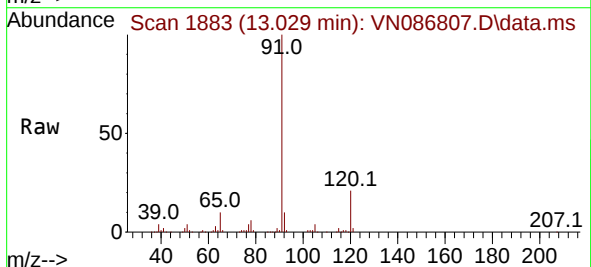
Manual Integrations
APPROVED

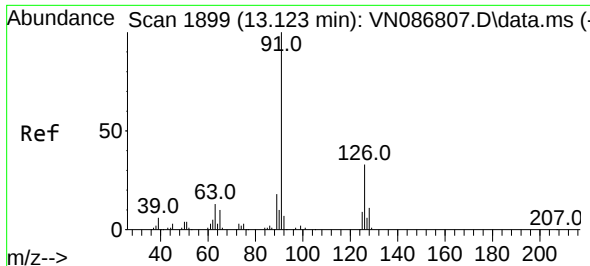
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
n-propylbenzene
Concen: 20.068 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 247566
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.6





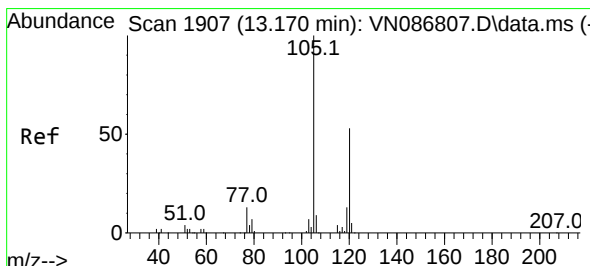
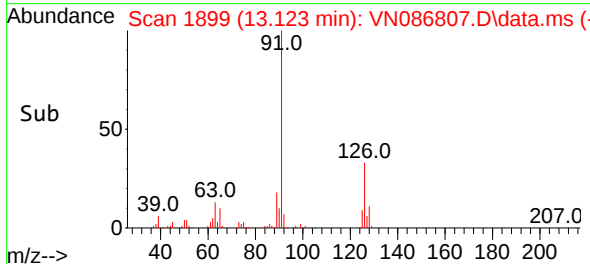
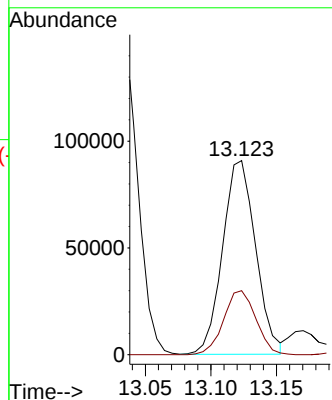
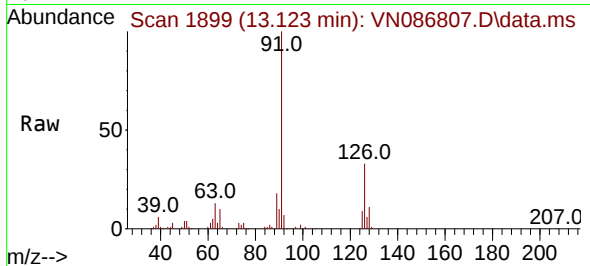
#75
2-Chlorotoluene
Concen: 20.087 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 159048
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4

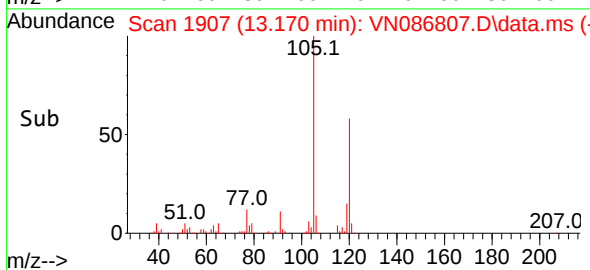
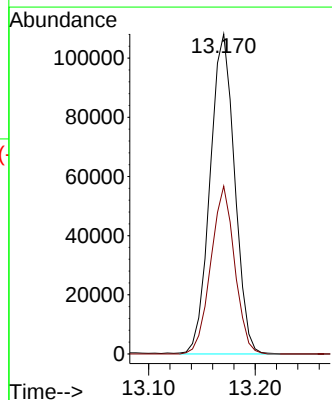
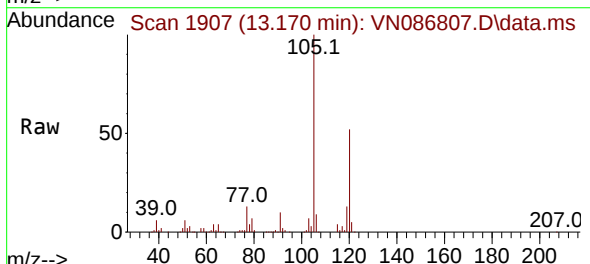
Manual Integrations
APPROVED

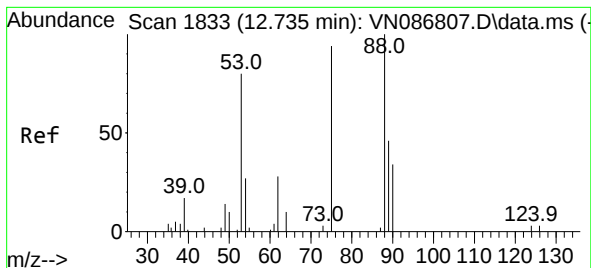
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.976 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

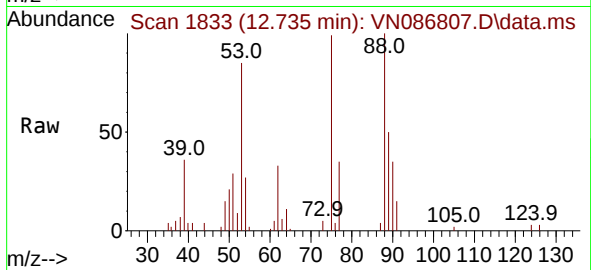
Tgt Ion:105 Resp: 173075
Ion Ratio Lower Upper
105 100
120 50.7 0.0 101.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.166 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

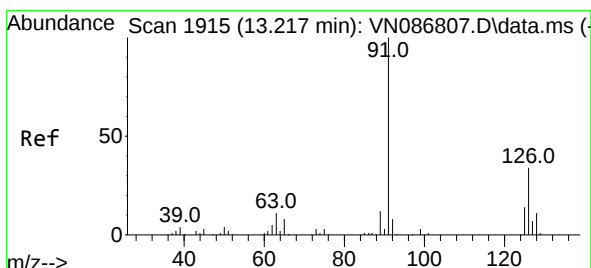
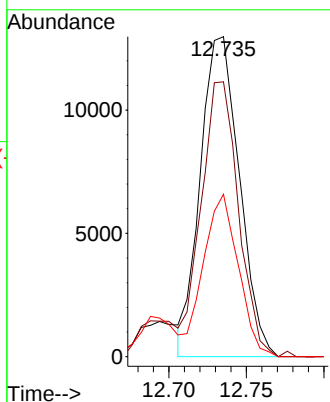
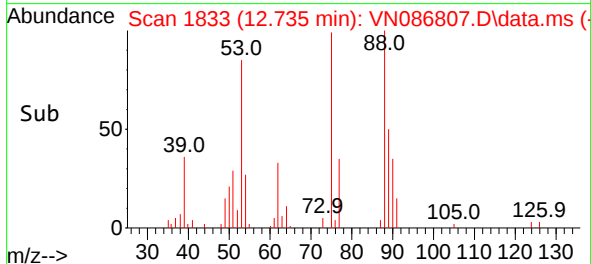
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 22762
Ion Ratio Lower Upper
75 100
53 85.9 43.0 128.8
89 50.8 25.4 76.2

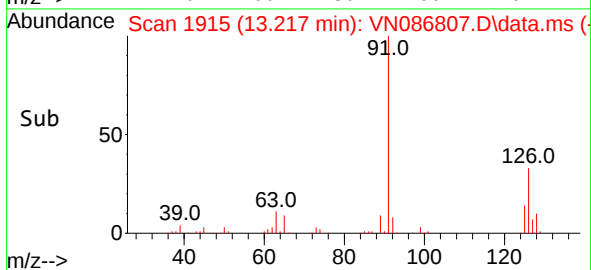
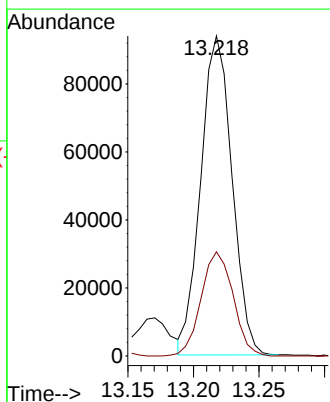
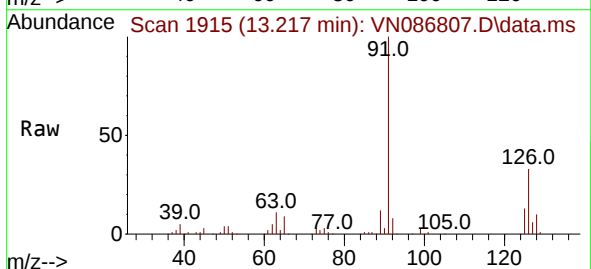
Manual Integrations
APPROVED

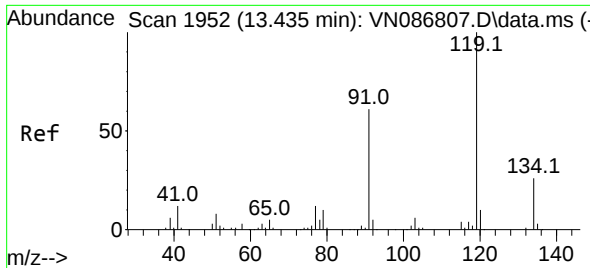
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 155817
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.6





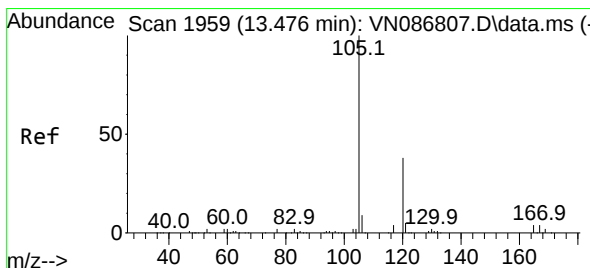
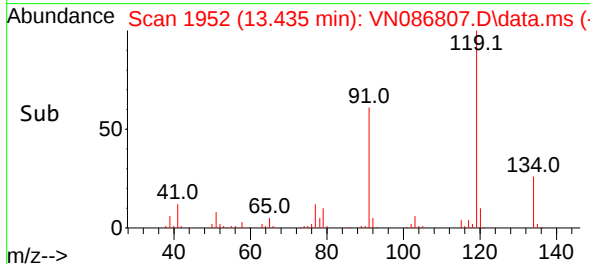
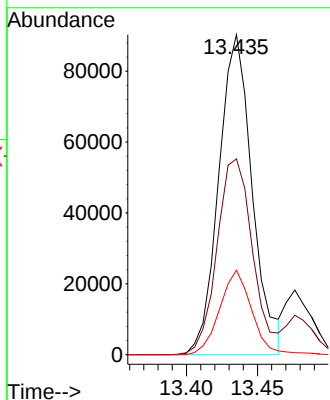
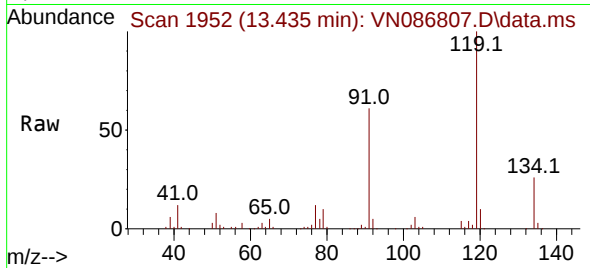
#79
tert-butylbenzene
Concen: 19.807 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 148370
Ion Ratio Lower Upper
119 100
91 65.2 0.0 130.4
134 25.3 0.0 50.6

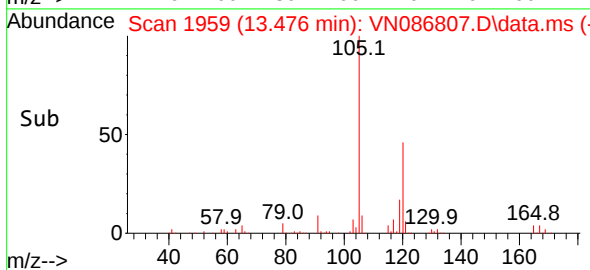
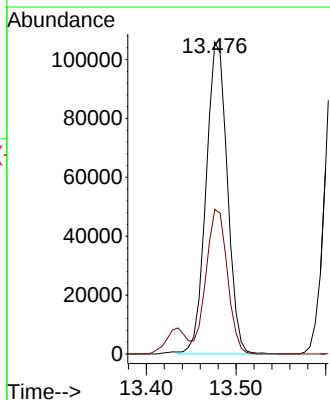
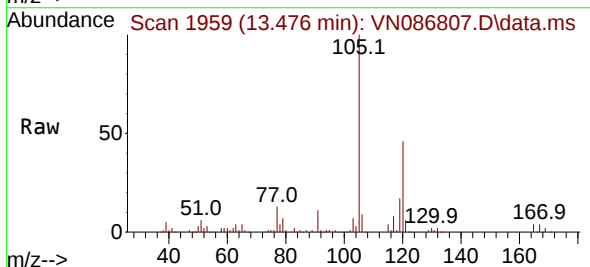
Manual Integrations
APPROVED

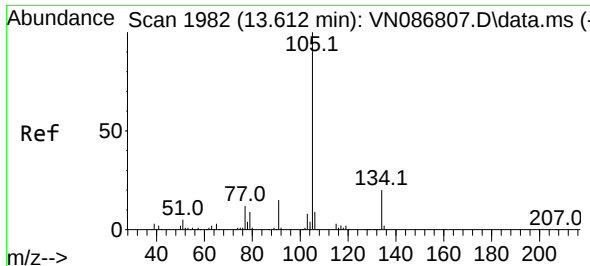
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.038 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

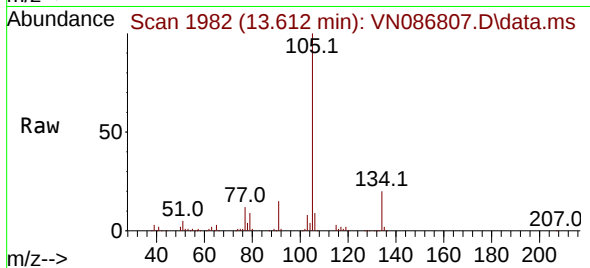
Tgt Ion:105 Resp: 174264
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 19.913 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20

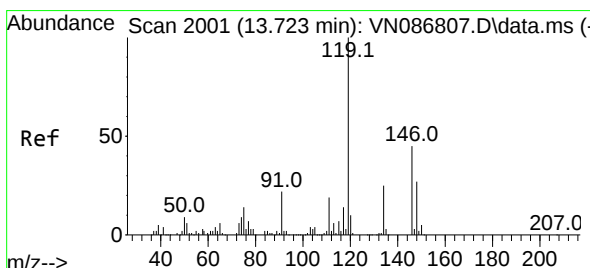
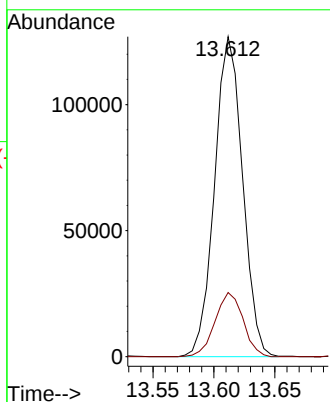
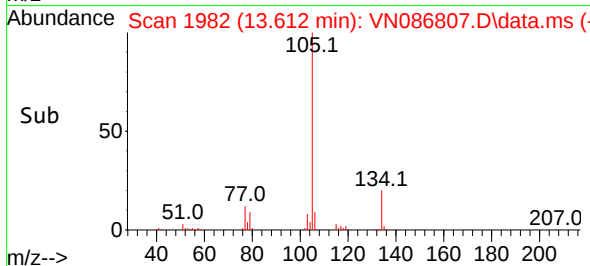
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



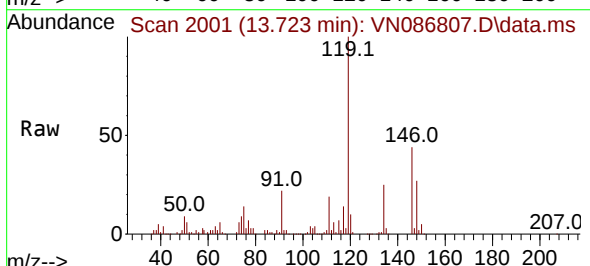
Tgt Ion:105 Resp: 203214
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0

Manual Integrations
 APPROVED

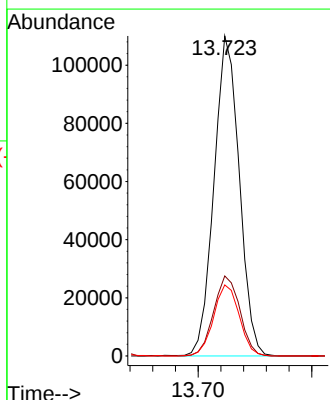
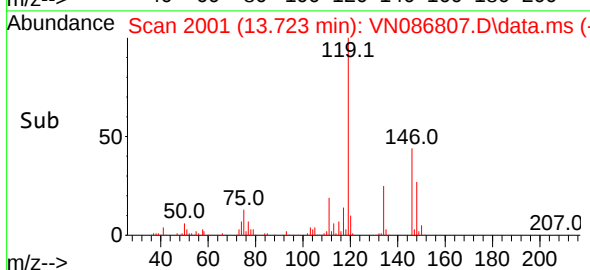
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

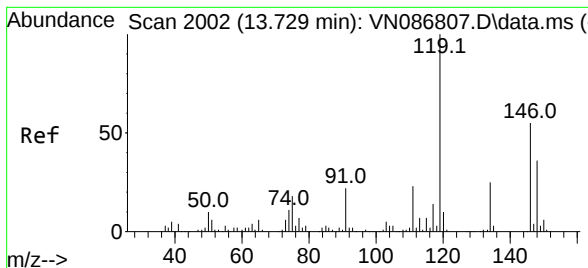


#82
 p-Isopropyltoluene
 Concen: 19.852 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086807.D
 Acq: 29 May 2025 11:20



Tgt Ion:119 Resp: 170107
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 22.6 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 19.415 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086807.D

Acq: 29 May 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 92198

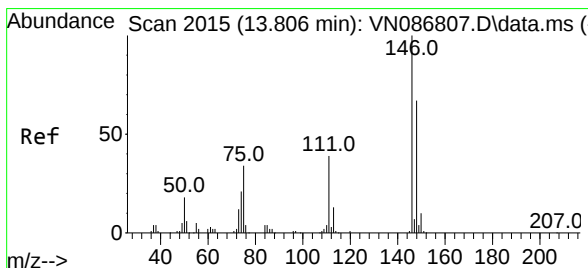
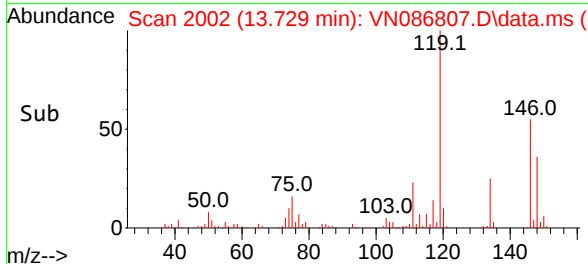
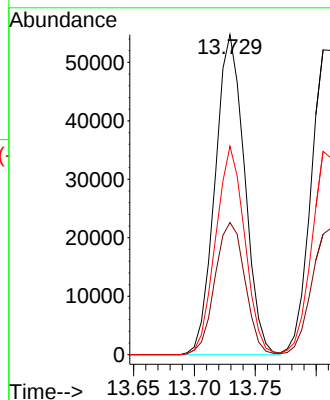
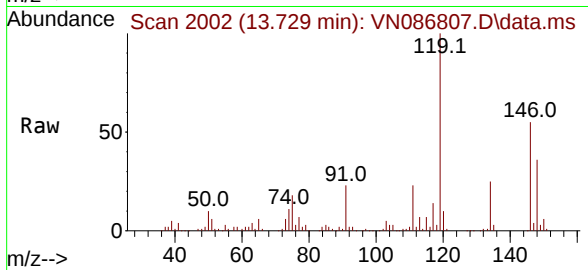
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.3	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#84

1,4-Dichlorobenzene

Concen: 19.368 ug/l

RT: 13.806 min Scan# 2015

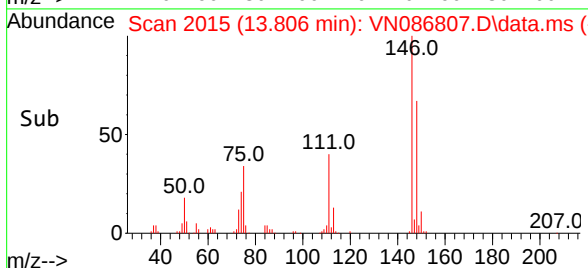
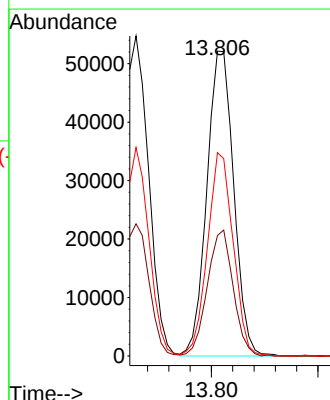
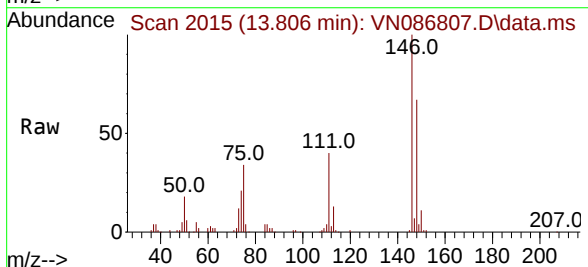
Delta R.T. 0.000 min

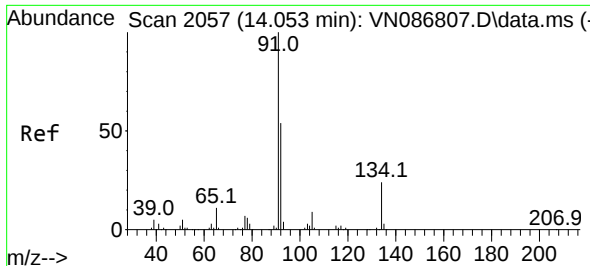
Lab File: VN086807.D

Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 91531

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.7	31.9	95.5





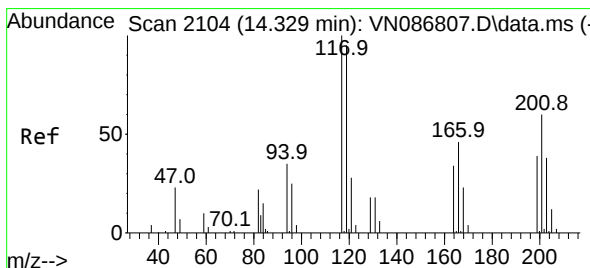
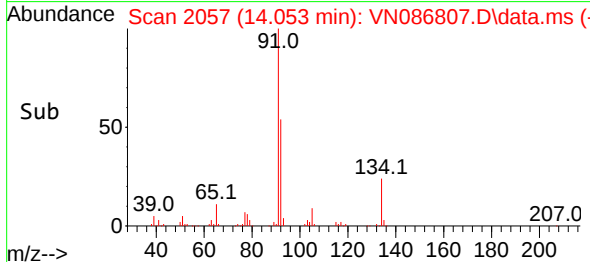
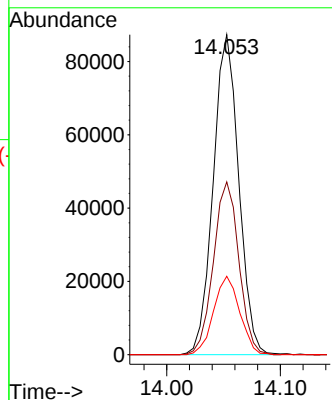
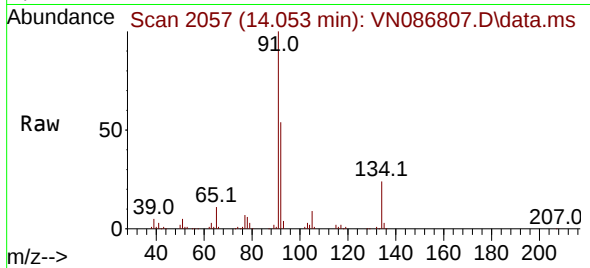
#85
n-Butylbenzene
Concen: 19.040 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 136590
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.6
134 25.0 0.0 50.0

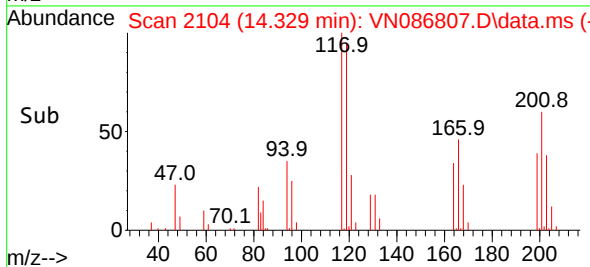
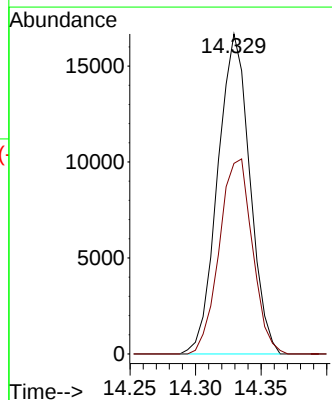
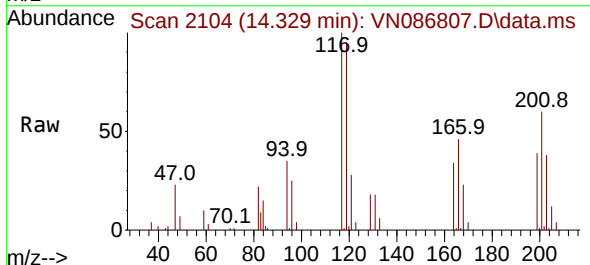
Manual Integrations
APPROVED

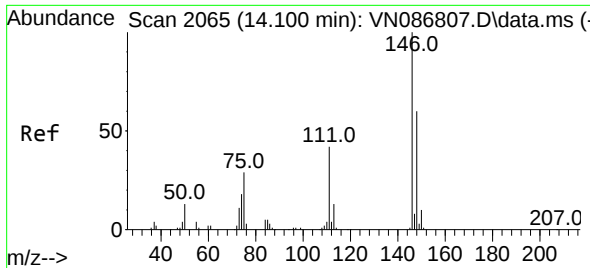
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#86
Hexachloroethane
Concen: 19.424 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:117 Resp: 28367
Ion Ratio Lower Upper
117 100
201 62.9 31.4 94.3





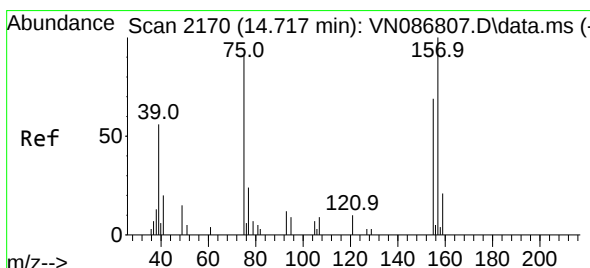
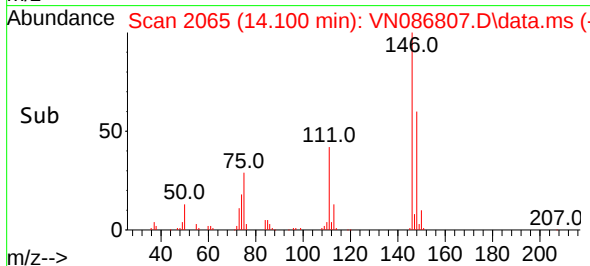
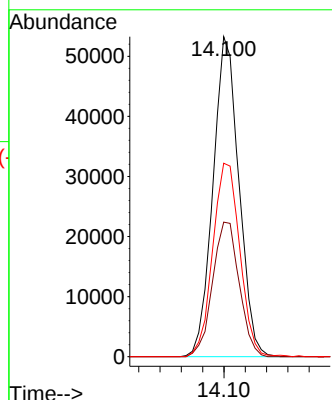
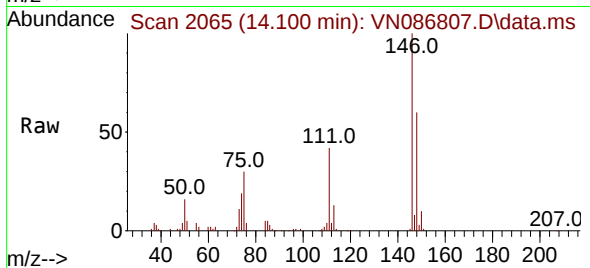
#87
1,2-Dichlorobenzene
Concen: 19.621 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 8988
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.8
148 63.1 31.6 94.7

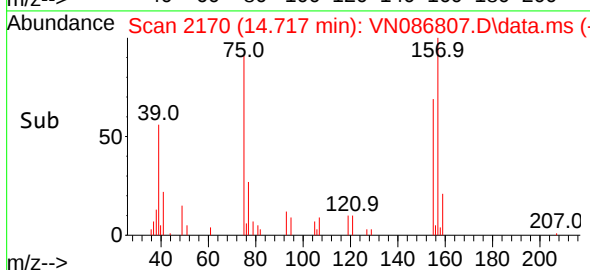
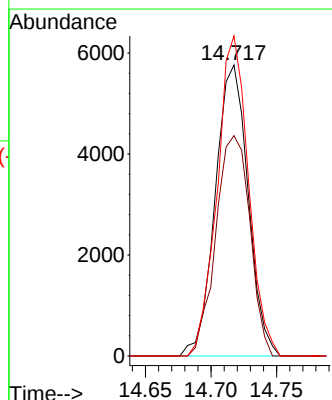
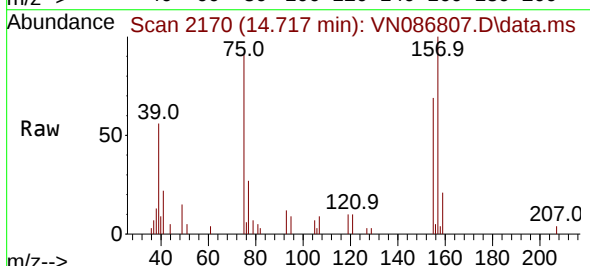
Manual Integrations
APPROVED

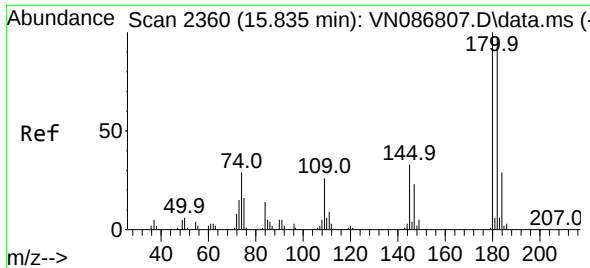
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.237 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 10031
Ion Ratio Lower Upper
75 100
155 78.6 62.9 94.3
157 105.0 84.0 126.0





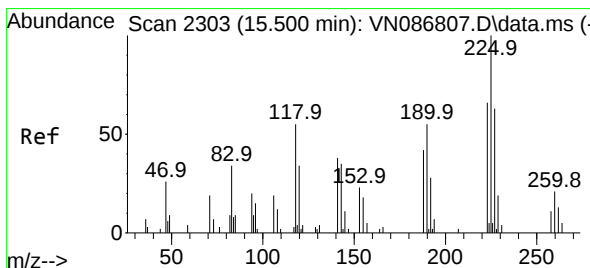
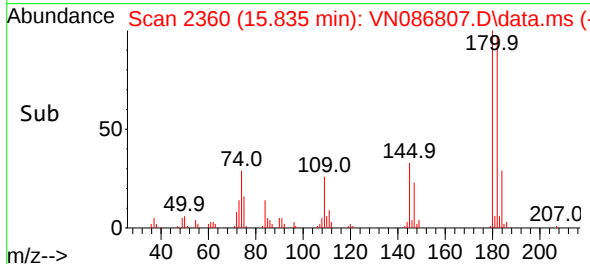
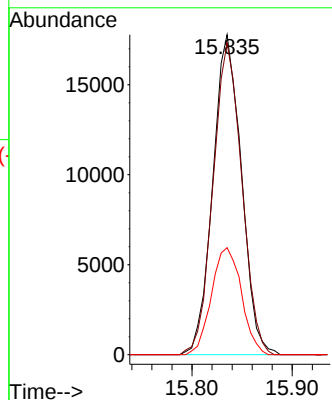
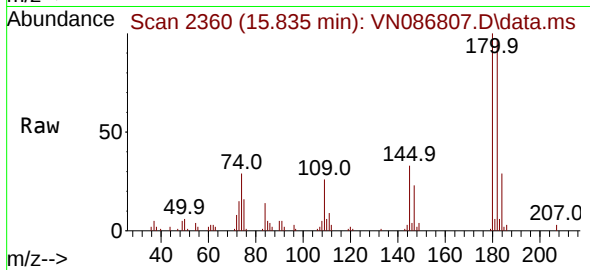
#89
1,2,4-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:180 Resp: 35190
Ion Ratio Lower Upper
180 100
182 97.7 78.2 117.2
145 35.0 28.0 42.0

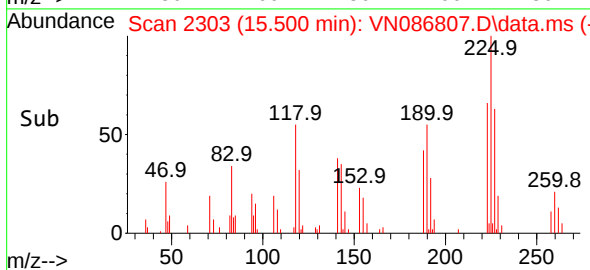
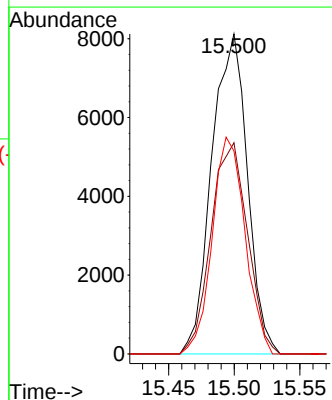
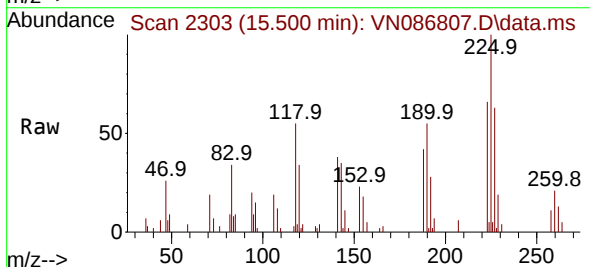
Manual Integrations
APPROVED

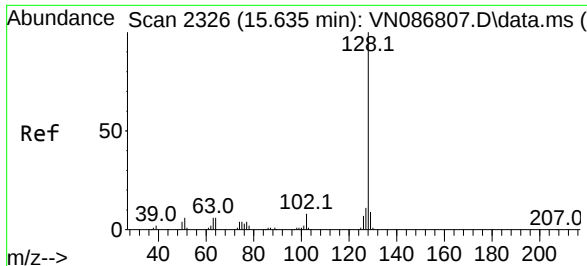
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#90
Hexachlorobutadiene
Concen: 18.652 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

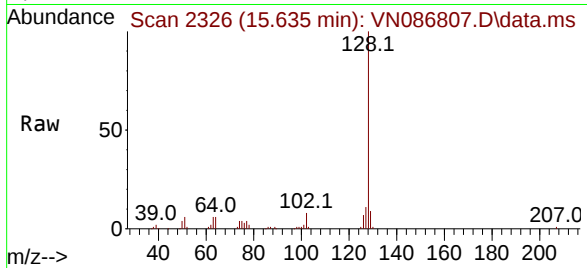
Tgt Ion:225 Resp: 15326
Ion Ratio Lower Upper
225 100
223 67.9 0.0 135.8
227 62.5 0.0 125.0





#91
Naphthalene
Concen: 17.833 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

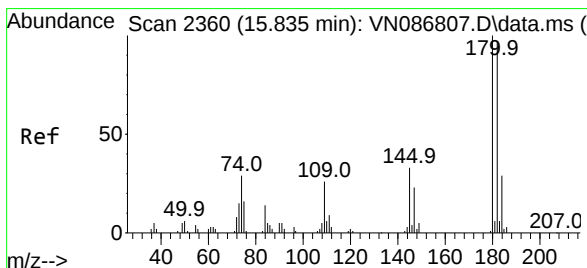
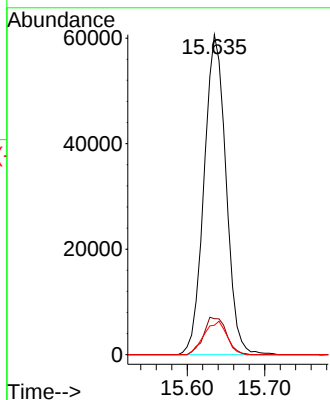
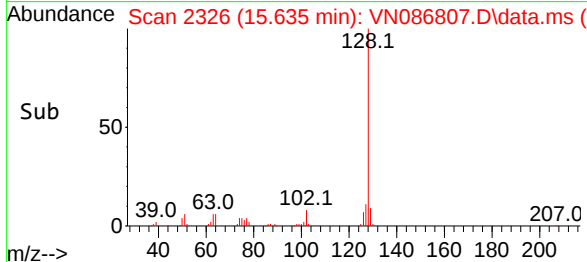
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



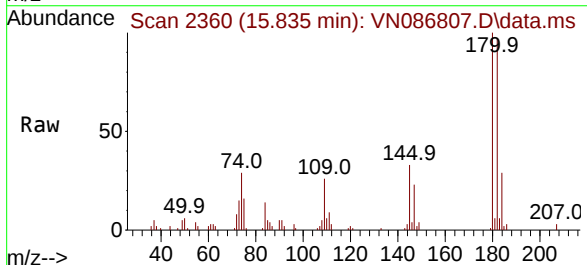
Tgt Ion:128 Resp: 119288
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20



Tgt Ion:180 Resp: 35196
Ion Ratio Lower Upper
180 100
182 97.7 0.0 195.4
145 35.0 0.0 70.0

