

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086728.D
 Acq On : 21 May 2025 13:53
 Operator : JC\MD
 Sample : VN0521WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:22:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	308855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131617	49.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.960%			
35) Dibromofluoromethane	8.165	113	105386	51.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	10.565	98	438409	51.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.847	95	155126	51.518	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43953	21.354	ug/l	100
3) Chloromethane	2.359	50	59713	19.181	ug/l	98
4) Vinyl Chloride	2.518	62	54661	19.550	ug/l	93
5) Bromomethane	2.959	94	29968	18.593	ug/l	92
6) Chloroethane	3.124	64	34639	18.912	ug/l	100
7) Trichlorofluoromethane	3.494	101	64458	19.291	ug/l	96
8) Diethyl Ether	3.959	74	26837	19.443	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	40043	20.018	ug/l	100
10) Methyl Iodide	4.589	142	43469	17.470	ug/l	95
11) Tert butyl alcohol	5.512	59	42269	88.124	ug/l	98
12) 1,1-Dichloroethene	4.342	96	40093	18.860	ug/l	99
13) Acrolein	4.177	56	45209	88.168	ug/l	99
14) Allyl chloride	5.018	41	62089	19.296	ug/l	97
15) Acrylonitrile	5.712	53	111356	93.765	ug/l	100
16) Acetone	4.418	43	86067	87.364	ug/l	98
17) Carbon Disulfide	4.712	76	112566	19.125	ug/l	98
18) Methyl Acetate	5.012	43	50476	18.306	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	139263	19.239	ug/l	98
20) Methylene Chloride	5.271	84	47807	18.389	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	42054	18.711	ug/l	98
22) Diisopropyl ether	6.665	45	144360	19.887	ug/l	99
23) Vinyl Acetate	6.600	43	509208	93.335	ug/l	99
24) 1,1-Dichloroethane	6.565	63	81766	19.185	ug/l	98
25) 2-Butanone	7.477	43	141988	93.269	ug/l	98
26) 2,2-Dichloropropane	7.482	77	70144	19.943	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	53010	19.215	ug/l	99
28) Bromochloromethane	7.812	49	39029	20.156	ug/l	97
29) Tetrahydrofuran	7.835	42	94804	95.409	ug/l	98
30) Chloroform	7.965	83	81462	19.096	ug/l	95
31) Cyclohexane	8.253	56	74971	18.967	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69775	19.400	ug/l	96
36) 1,1-Dichloropropene	8.365	75	59799	19.701	ug/l	97
37) Ethyl Acetate	7.553	43	57120	18.629	ug/l	99
38) Carbon Tetrachloride	8.359	117	58820	19.667	ug/l	96
39) Methylcyclohexane	9.600	83	63834	19.431	ug/l	97
40) Benzene	8.606	78	194322	19.625	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32719	19.764	ug/l	95
42) 1,2-Dichloroethane	8.665	62	59065	19.146	ug/l	100
43) Isopropyl Acetate	8.682	43	105306	17.132	ug/l	100
44) Trichloroethene	9.347	130	45970	19.248	ug/l	99
45) 1,2-Dichloropropane	9.618	63	46441	19.743	ug/l	99
46) Dibromomethane	9.706	93	31170	19.638	ug/l	97
47) Bromodichloromethane	9.882	83	62724	19.180	ug/l	100
48) Methyl methacrylate	9.676	41	45600	19.145	ug/l	99
49) 1,4-Dioxane	9.694	88	19514	386.909	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	294888	95.133	ug/l	100
52) Toluene	10.629	92	118329	19.227	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	68658	19.829	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	75171	19.887	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	43183	18.810	ug/l	98
56) Ethyl methacrylate	10.871	69	71206	19.318	ug/l	99
57) 1,3-Dichloropropane	11.159	76	77110	19.497	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	156480	94.987	ug/l	98
59) 2-Hexanone	11.194	43	212119	93.708	ug/l	99
60) Dibromochloromethane	11.353	129	47337	19.675	ug/l	98
61) 1,2-Dibromoethane	11.465	107	43021	18.648	ug/l	97
64) Tetrachloroethene	11.100	164	47538	20.092	ug/l	96
65) Chlorobenzene	11.888	112	128490	18.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	42269	19.333	ug/l	99
67) Ethyl Benzene	11.959	91	222500	19.180	ug/l	100
68) m/p-Xylenes	12.065	106	172731	39.312	ug/l	98
69) o-Xylene	12.394	106	84330	19.305	ug/l	94
70) Styrene	12.406	104	140137	19.595	ug/l	100
71) Bromoform	12.576	173	30220	19.435	ug/l #	100
73) Isopropylbenzene	12.694	105	205528	18.882	ug/l	99
74) N-amyl acetate	12.494	43	82660	18.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	59773	17.875	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57961m	18.185	ug/l	
77) Bromobenzene	12.976	156	49150	17.951	ug/l	97
78) n-propylbenzene	13.029	91	239458	19.170	ug/l	100
79) 2-Chlorotoluene	13.123	91	151300	18.628	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	165823	19.015	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22254	17.620	ug/l	85
82) 4-Chlorotoluene	13.217	91	150800	18.741	ug/l	98
83) tert-Butylbenzene	13.435	119	142699	18.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	168004	19.346	ug/l	100
85) sec-Butylbenzene	13.611	105	198005	19.417	ug/l	100
86) p-Isopropyltoluene	13.723	119	164337	19.661	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	90682	19.126	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	91161	19.406	ug/l	99
89) n-Butylbenzene	14.053	91	139233	20.093	ug/l	99
90) Hexachloroethane	14.329	117	27512	19.837	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	86890	19.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10664	19.250	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	36992	19.433	ug/l	95
94) Hexachlorobutadiene	15.500	225	15900	20.132	ug/l	95
95) Naphthalene	15.635	128	131717	19.928	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	36252	19.447	ug/l	97

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Instrument :
MSVOA_N
ClientSampleId :
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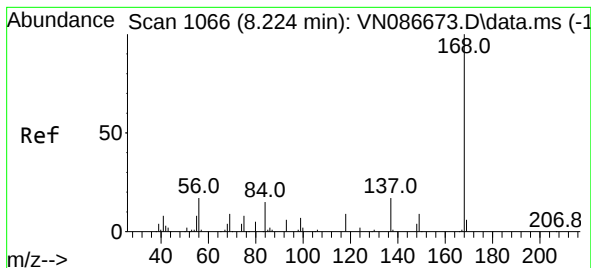
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:22:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

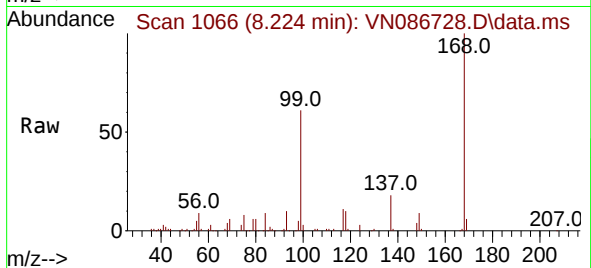
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086728.D
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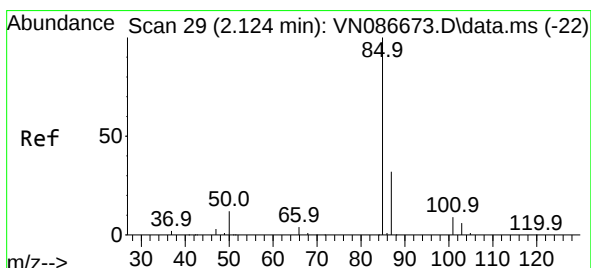
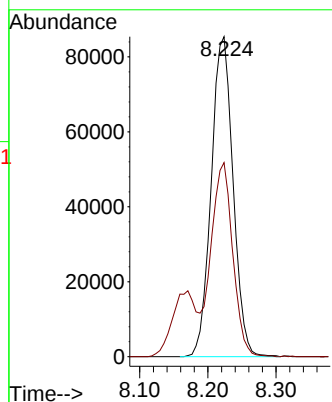
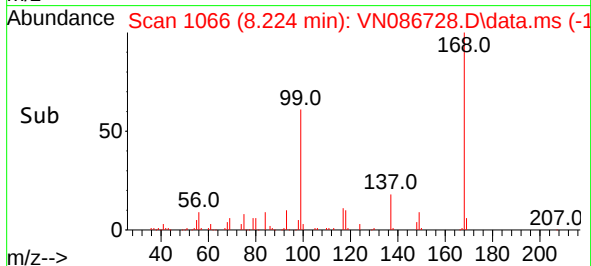
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion:168 Resp: 19059
Ion Ratio Lower Upper
168 100
99 60.6 47.0 70.4

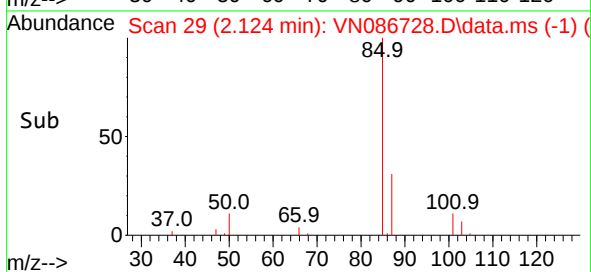
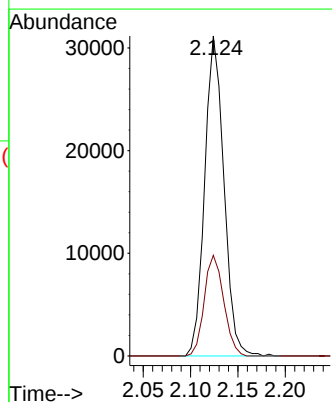
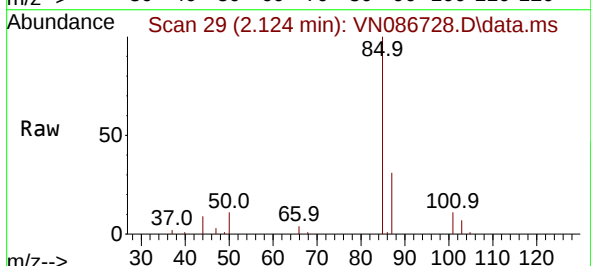
Manual Integrations
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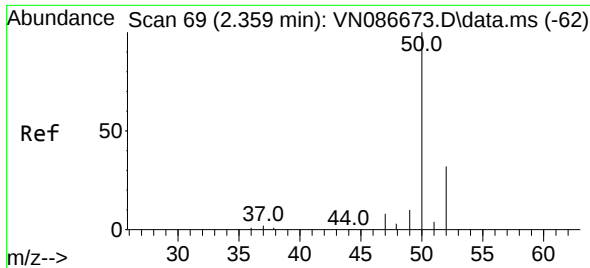
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 21.354 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

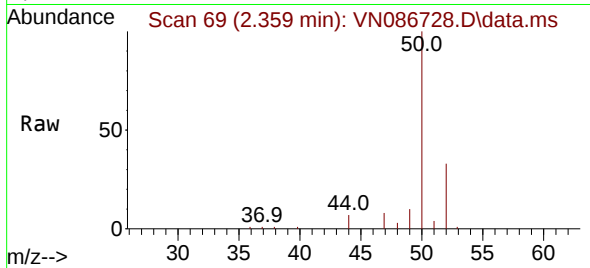
Tgt Ion: 85 Resp: 43953
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.6





#3
Chloromethane
Concen: 19.181 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

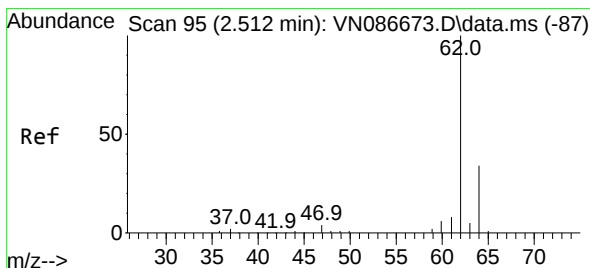
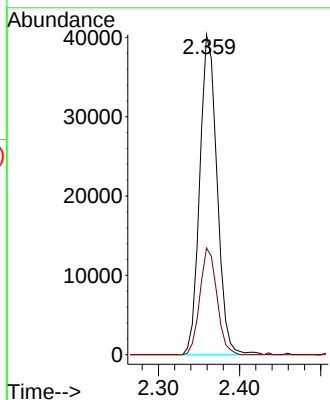
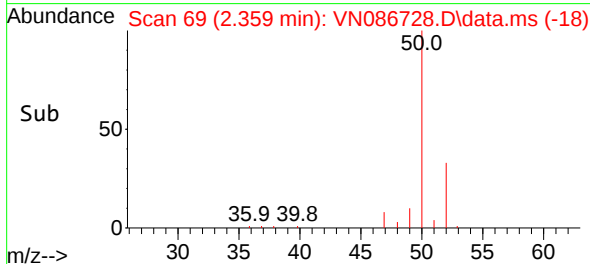
Instrument :
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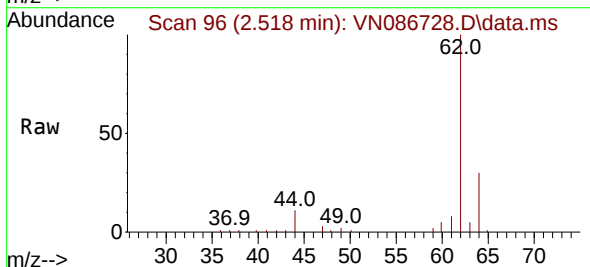
Tgt Ion: 50 Resp: 5971
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

Manual Integrations
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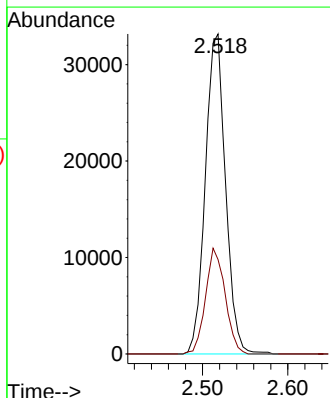
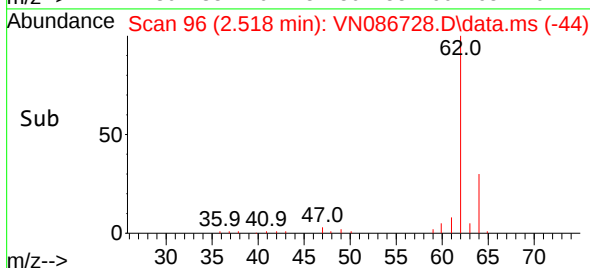
Reviewed By :John Carlone 05/22/2025
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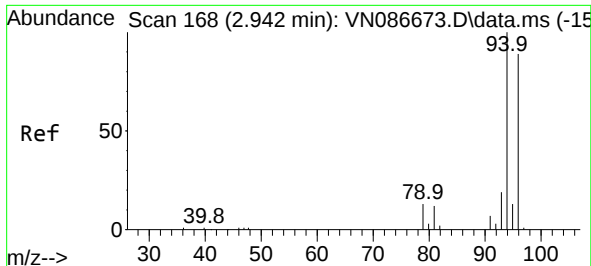


#4
Vinyl Chloride
Concen: 19.550 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion: 62 Resp: 54661
Ion Ratio Lower Upper
62 100
64 29.5 26.9 40.3





#5

Bromomethane

Concen: 18.593 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

Tgt Ion: 94 Resp: 2996

Ion Ratio Lower Upper

94 100

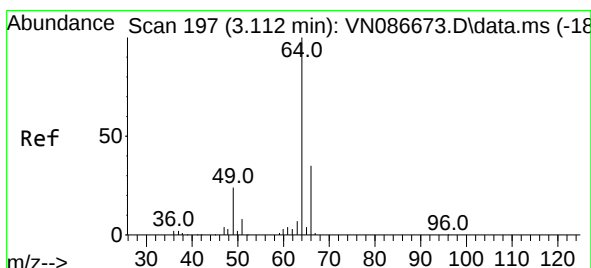
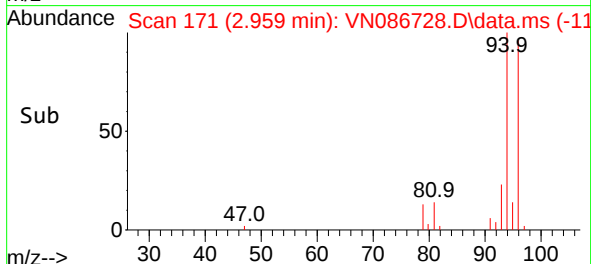
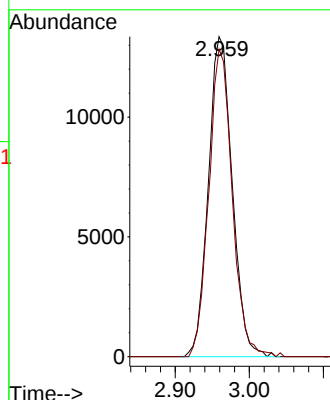
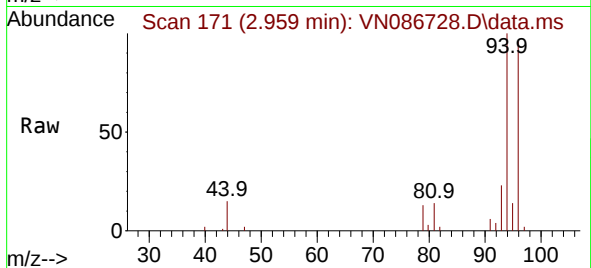
96 96.1 71.2 106.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/22/2025



#6

Chloroethane

Concen: 18.912 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN086728.D

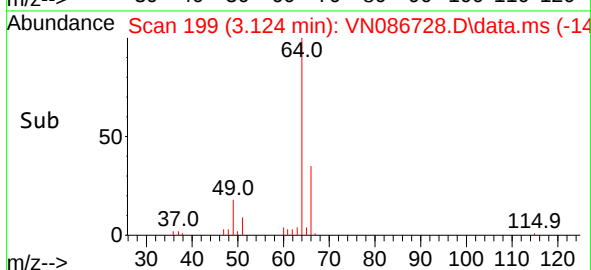
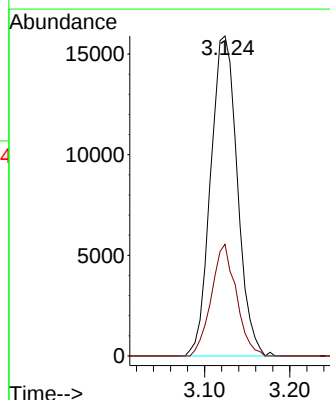
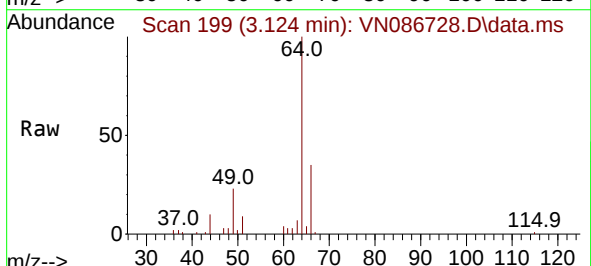
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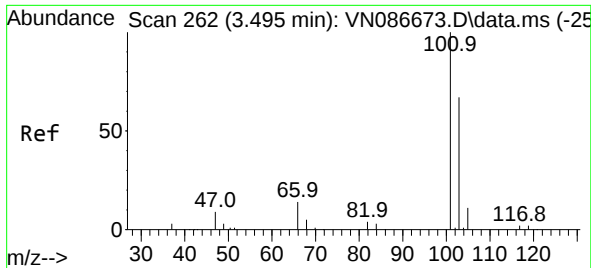
Tgt Ion: 64 Resp: 34639

Ion Ratio Lower Upper

64 100

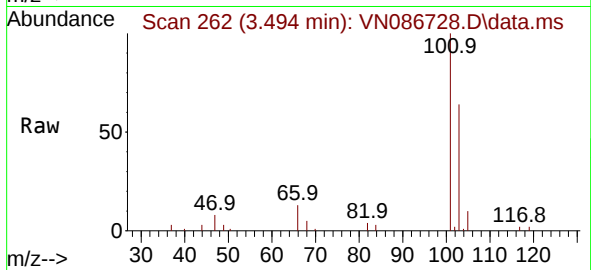
66 34.9 27.7 41.5





#7
Trichlorofluoromethane
Concen: 19.291 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

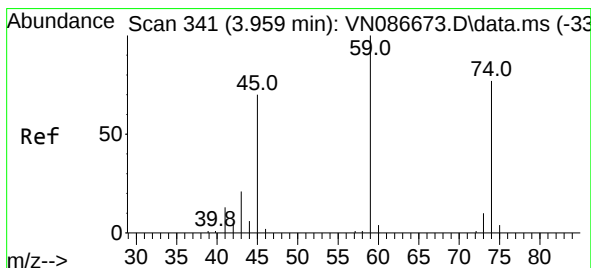
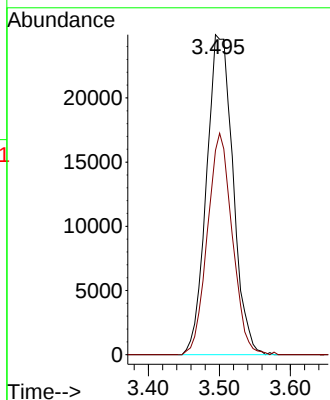
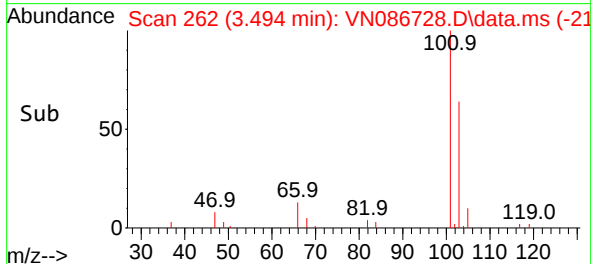
Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 64458
Ion Ratio Lower Upper
101 100
103 63.9 53.4 80.0

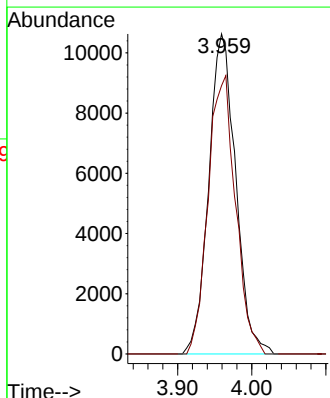
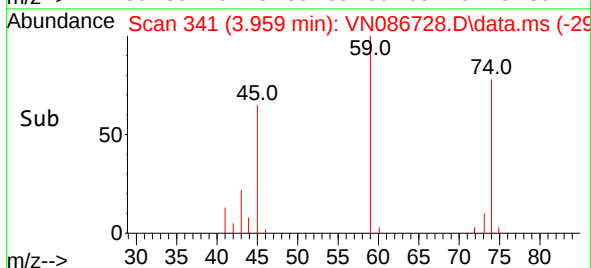
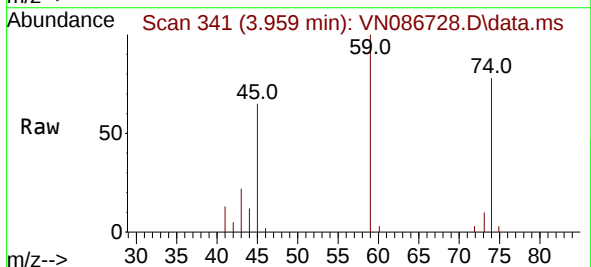
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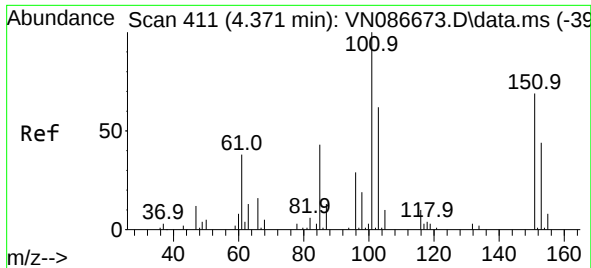
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#8
Diethyl Ether
Concen: 19.443 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion: 74 Resp: 26837
Ion Ratio Lower Upper
74 100
45 88.7 45.0 135.0





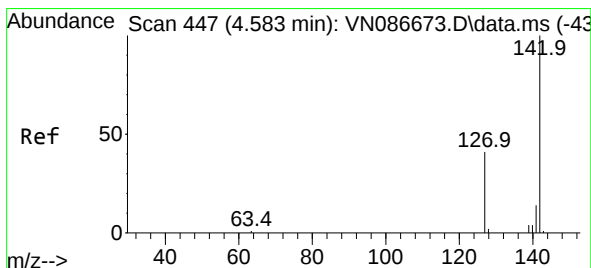
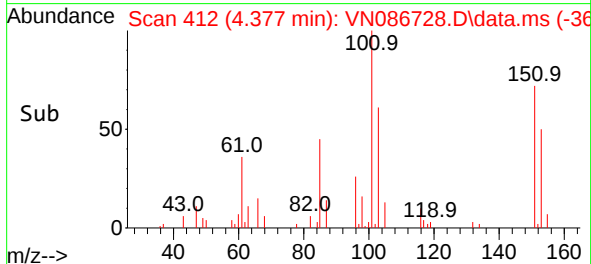
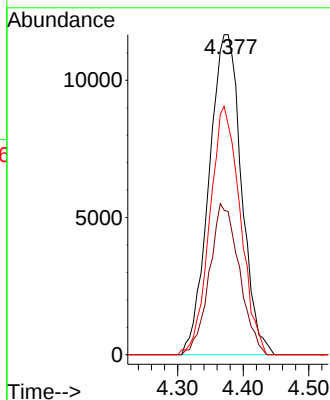
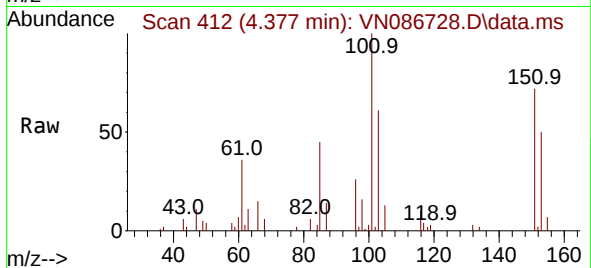
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.018 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:101 Resp: 4004
Ion Ratio Lower Upper
101 100
85 43.5 35.0 52.6
151 72.8 58.1 87.1

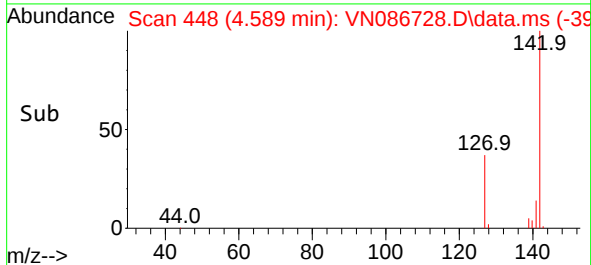
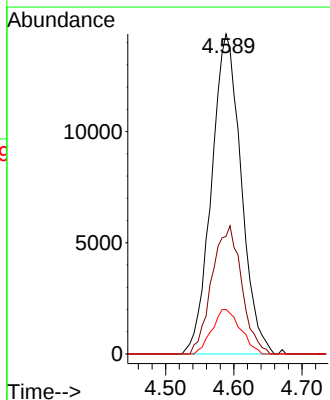
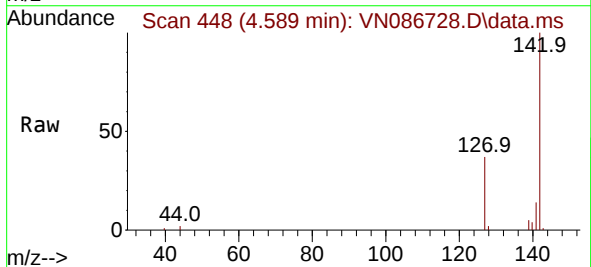
Manual Integrations
APPROVED

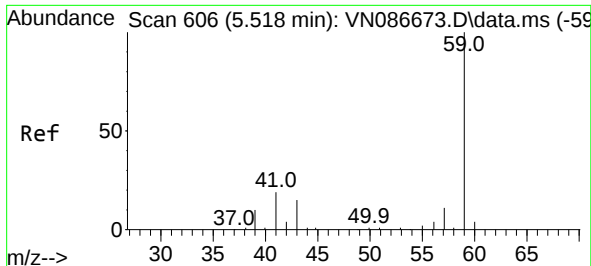
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 17.470 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

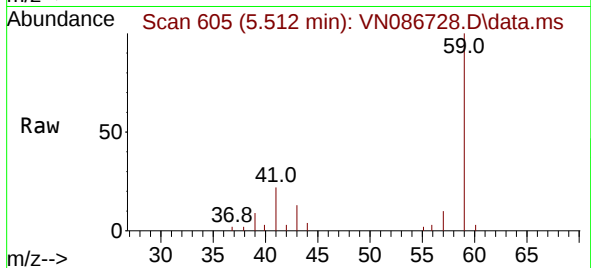
Tgt Ion:142 Resp: 43469
Ion Ratio Lower Upper
142 100
127 36.8 32.4 48.6
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 88.124 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

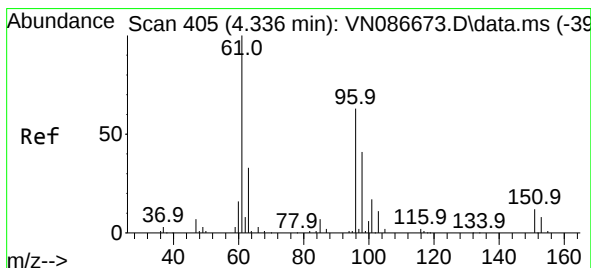
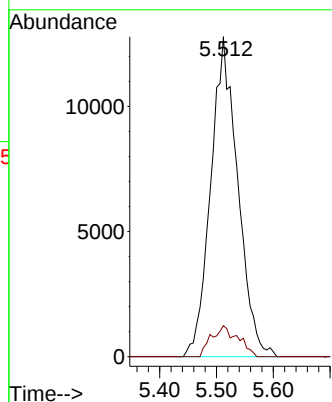
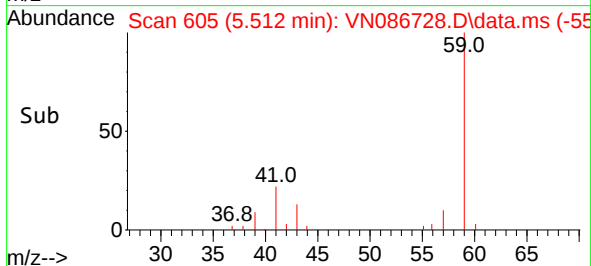
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



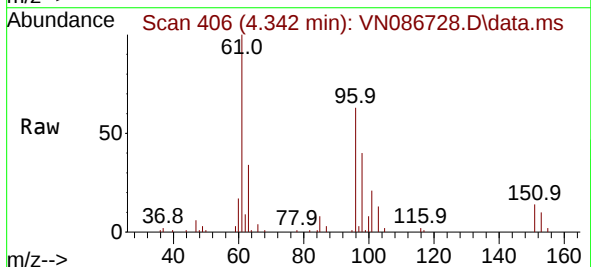
Tgt Ion: 59 Resp: 42269
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2

Manual Integrations
APPROVED

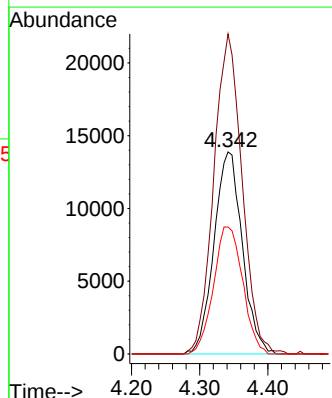
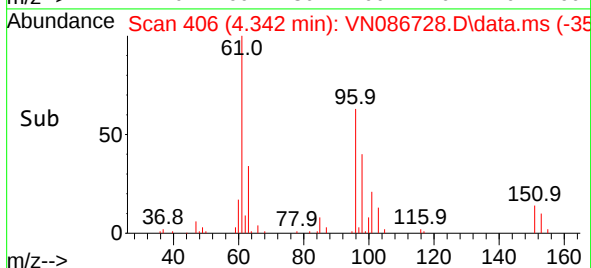
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#12
1,1-Dichloroethene
Concen: 18.860 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



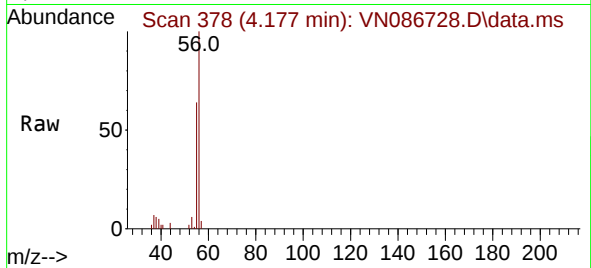
Tgt Ion: 96 Resp: 40093
Ion Ratio Lower Upper
96 100
61 158.3 126.2 189.2
98 62.8 51.5 77.3





#13
Acrolein
Concen: 88.168 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

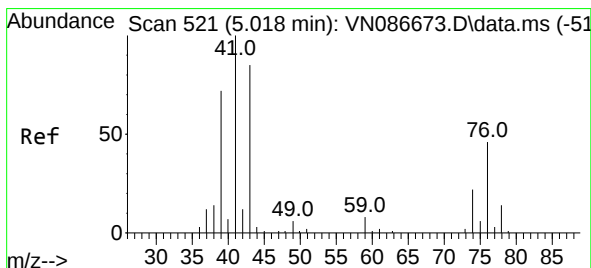
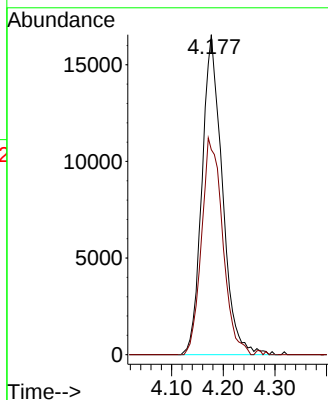
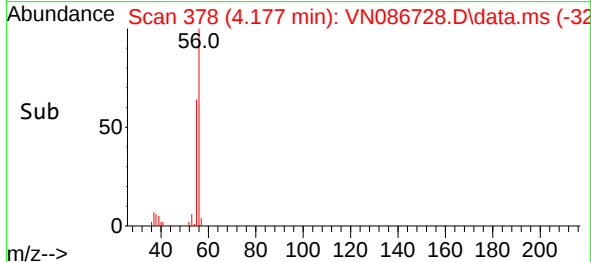
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



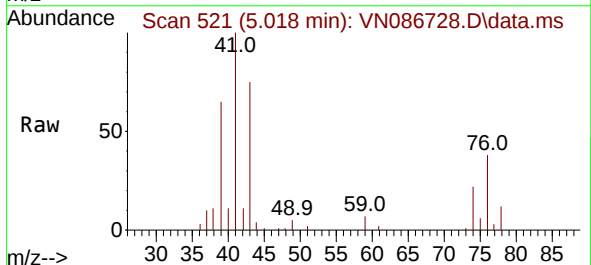
Tgt Ion: 56 Resp: 45209
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

Manual Integrations
APPROVED

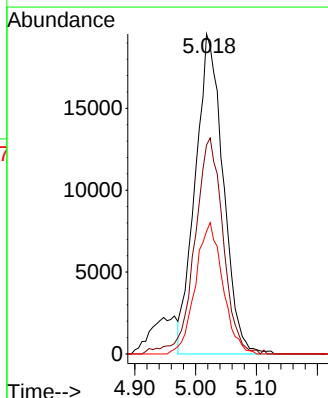
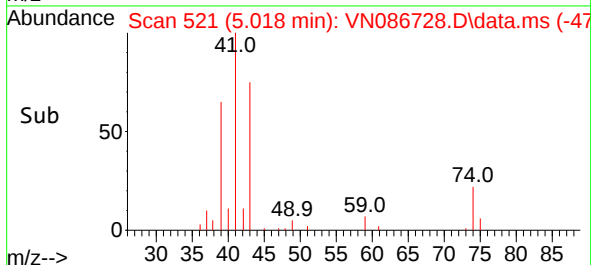
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

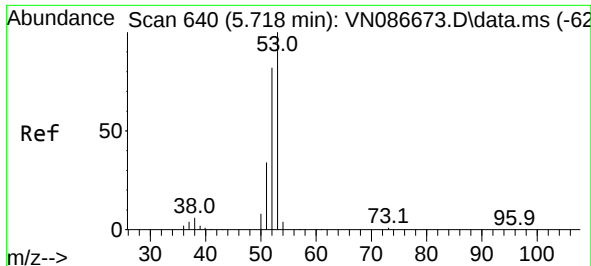


#14
Allyl chloride
Concen: 19.296 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



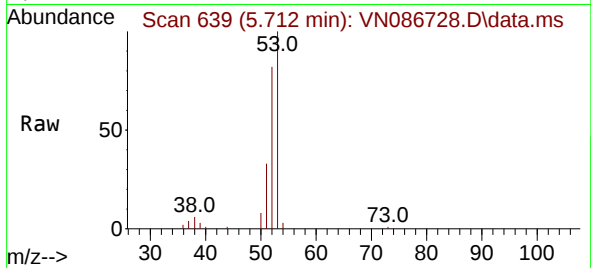
Tgt Ion: 41 Resp: 62089
Ion Ratio Lower Upper
41 100
39 68.8 57.4 86.0
76 40.2 33.2 49.8





#15
Acrylonitrile
Concen: 93.765 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

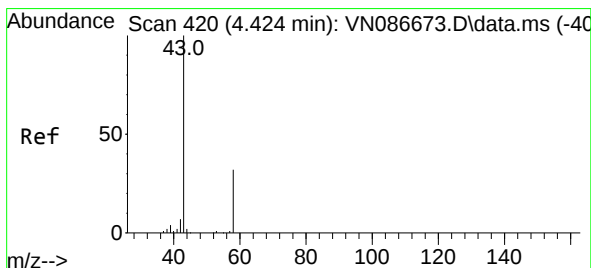
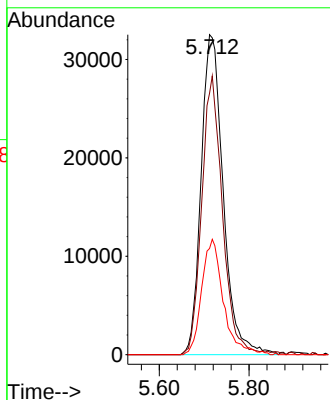
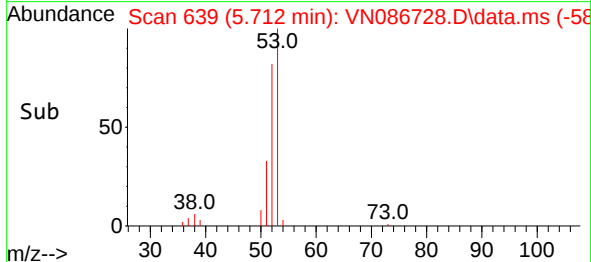
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 53 Resp: 111350
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.2
51 35.3 27.9 41.9

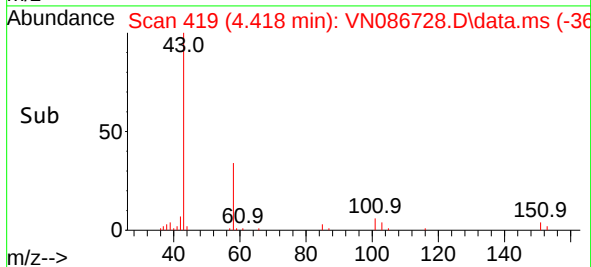
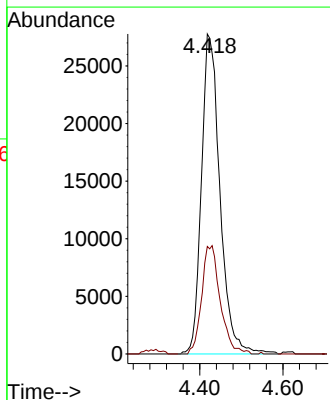
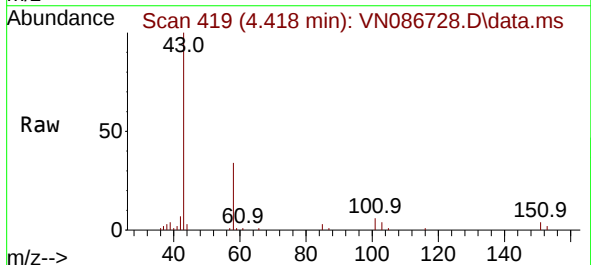
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 87.364 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

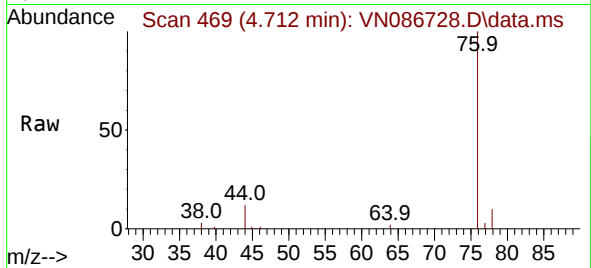
Tgt Ion: 43 Resp: 86067
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.6





#17
Carbon Disulfide
Concen: 19.125 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

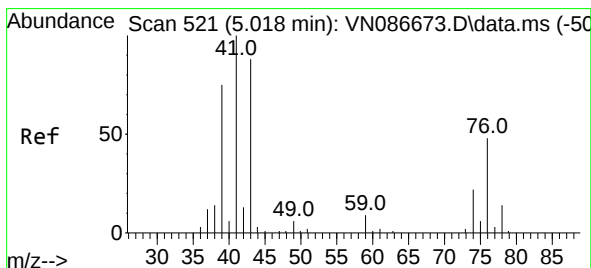
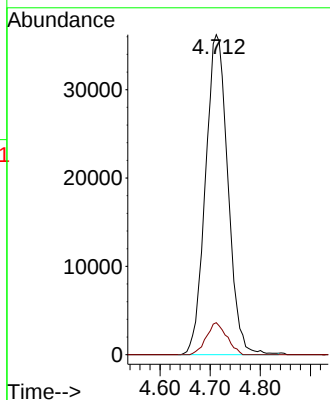
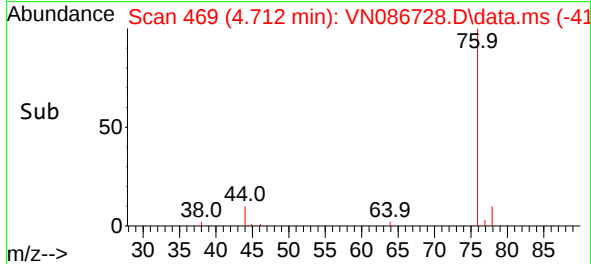
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



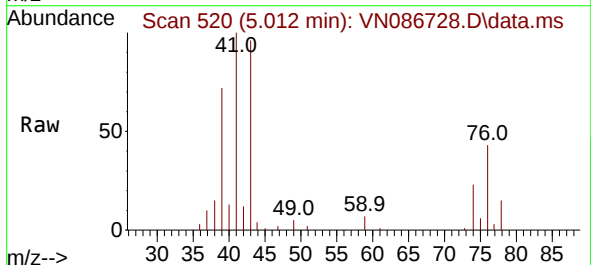
Tgt Ion: 76 Resp: 11256
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

Manual Integrations
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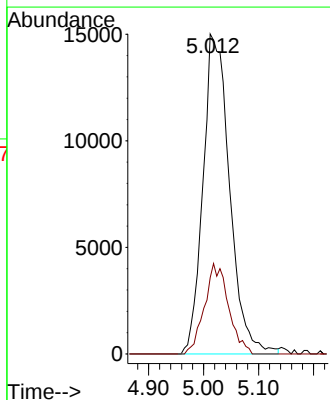
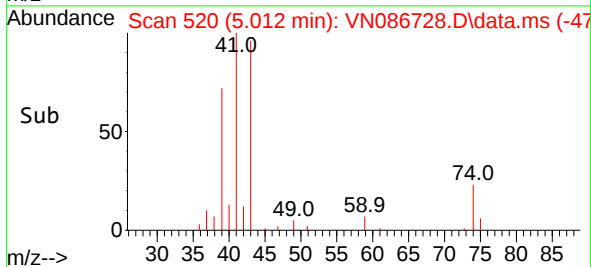
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

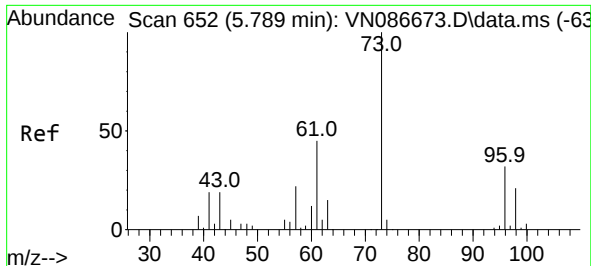


#18
Methyl Acetate
Concen: 18.306 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion: 43 Resp: 50476
Ion Ratio Lower Upper
43 100
74 25.5 20.5 30.7





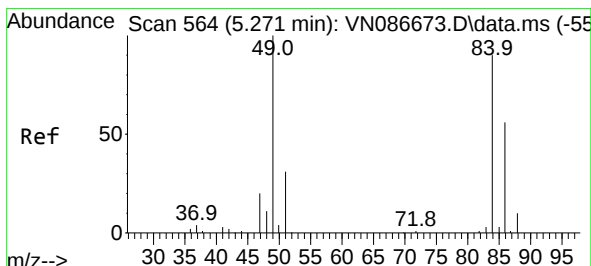
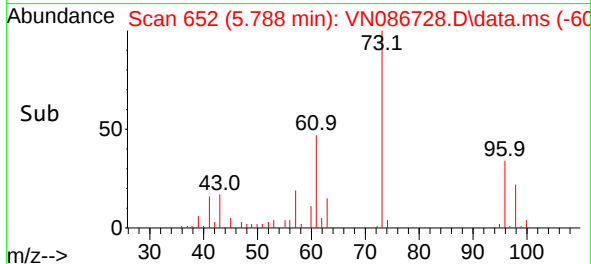
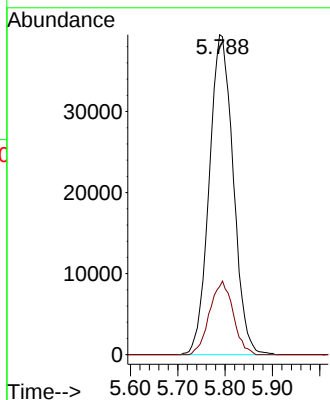
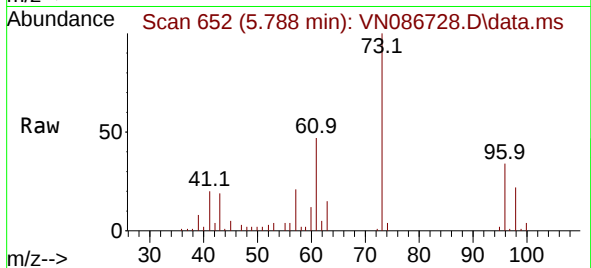
#19
Methyl tert-butyl Ether
Concen: 19.239 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion: 73 Resp: 13926
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

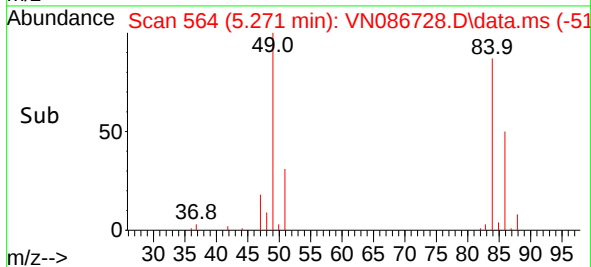
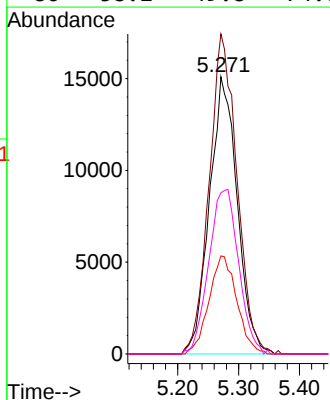
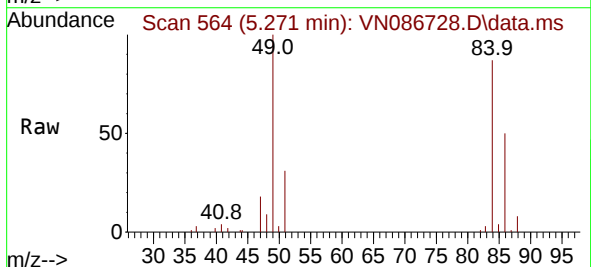
Manual Integrations
APPROVED

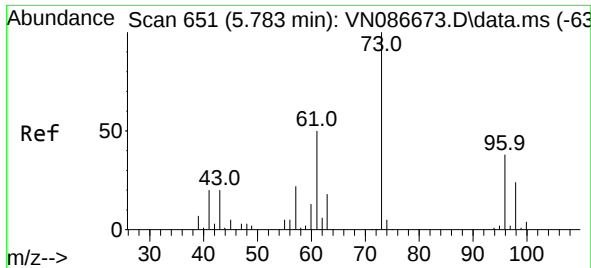
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 18.389 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion: 84 Resp: 47807
Ion Ratio Lower Upper
84 100
49 115.4 88.8 133.2
51 35.4 27.8 41.6
86 58.2 49.8 74.6





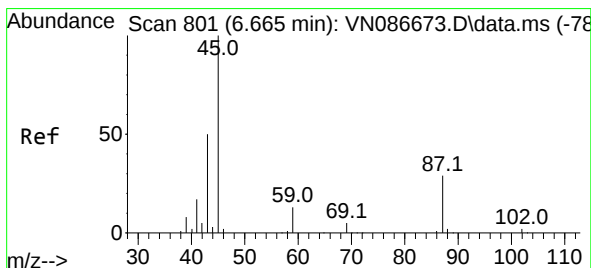
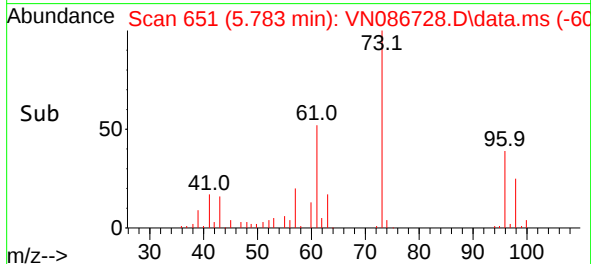
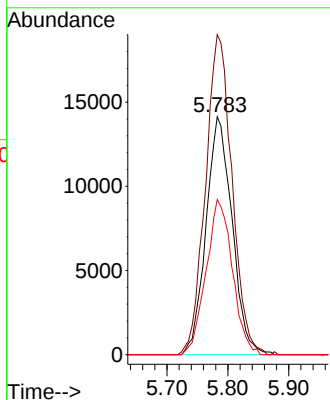
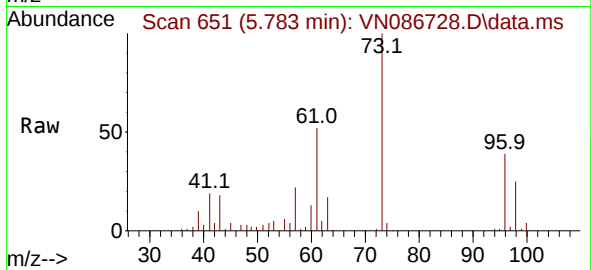
#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion: 96 Resp: 42054
Ion Ratio Lower Upper
96 100
61 134.5 105.7 158.5
98 65.2 51.0 76.6

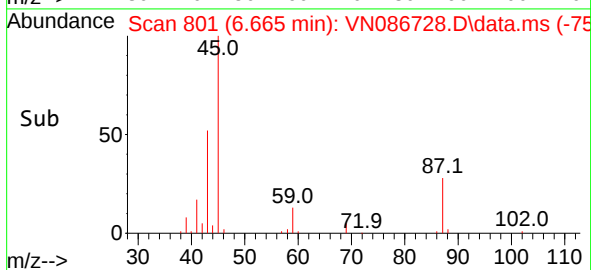
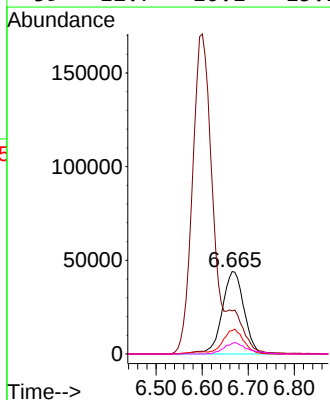
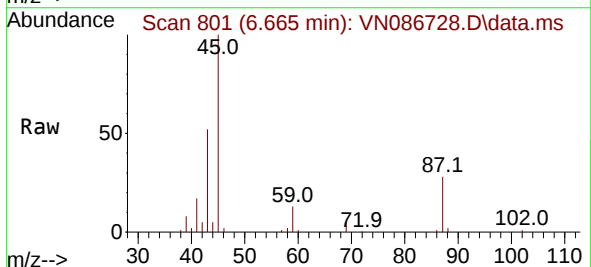
Manual Integrations
APPROVED

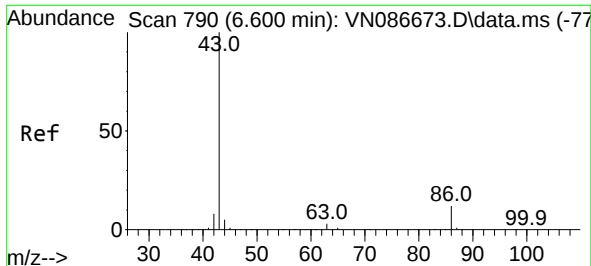
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 19.887 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

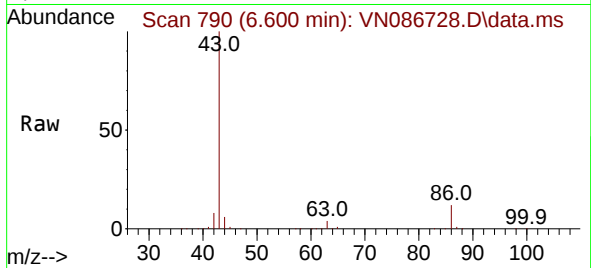
Tgt Ion: 45 Resp: 144360
Ion Ratio Lower Upper
45 100
43 50.9 41.4 62.2
87 28.4 22.9 34.3
59 12.7 10.1 15.1





#23
 Vinyl Acetate
 Concen: 93.335 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

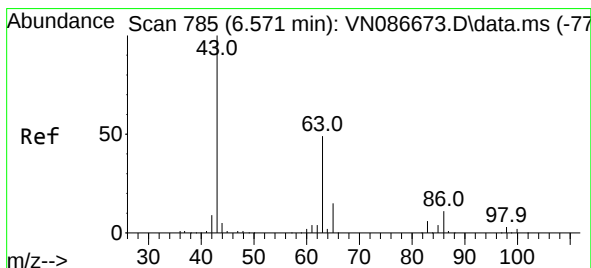
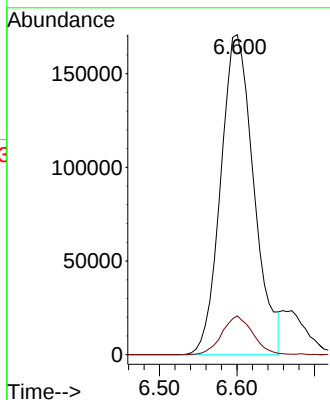
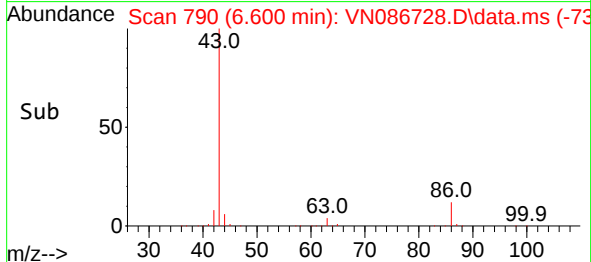
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01



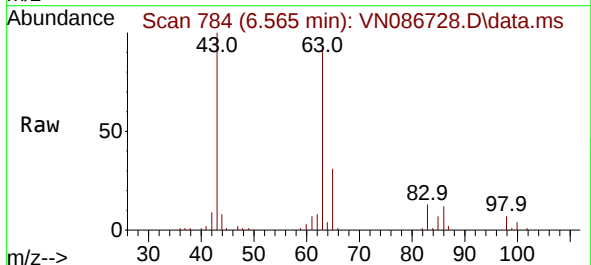
Tgt Ion: 43 Resp: 509208
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3

Manual Integrations
 APPROVED

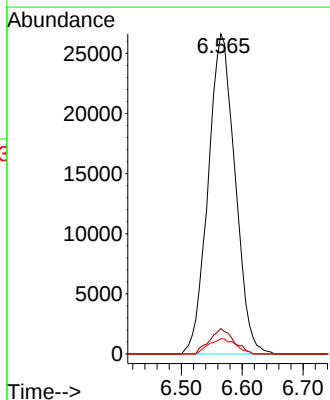
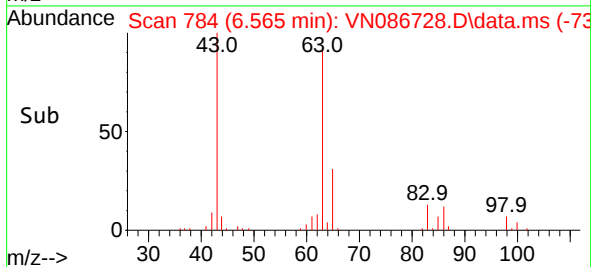
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

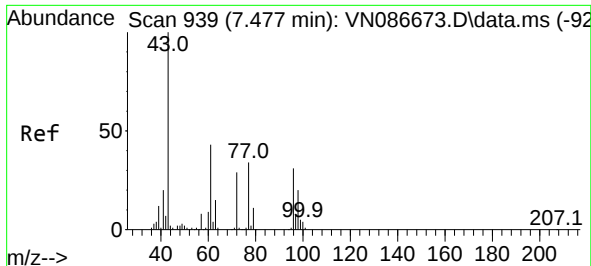


#24
 1,1-Dichloroethane
 Concen: 19.185 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53



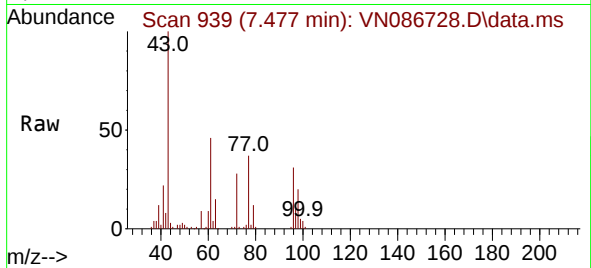
Tgt Ion: 63 Resp: 81766
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 4.8 2.4 7.1





#25
2-Butanone
Concen: 93.269 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

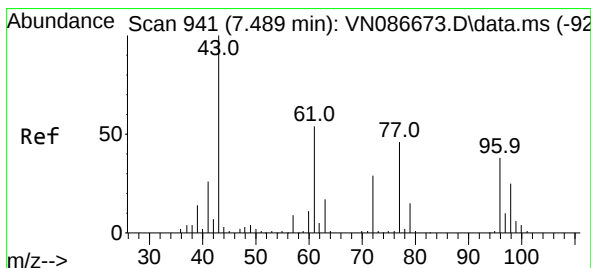
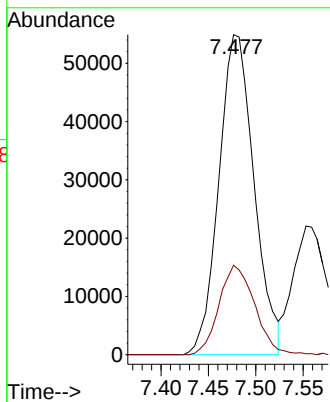
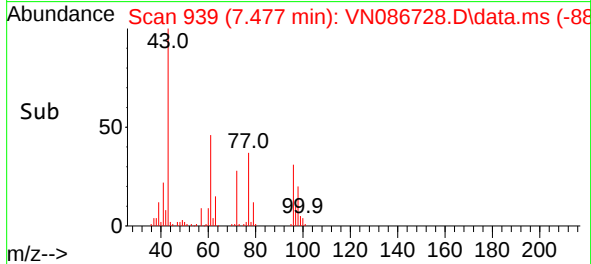
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 43 Resp: 141988
Ion Ratio Lower Upper
43 100
72 27.9 23.1 34.7

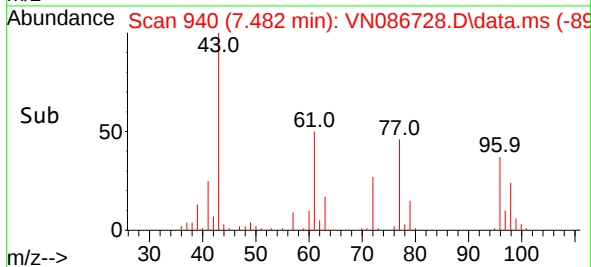
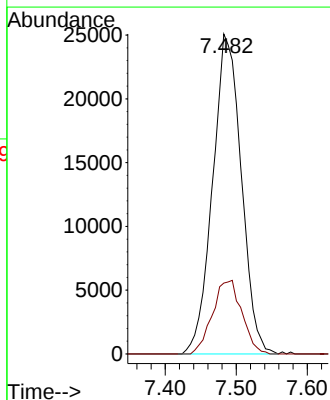
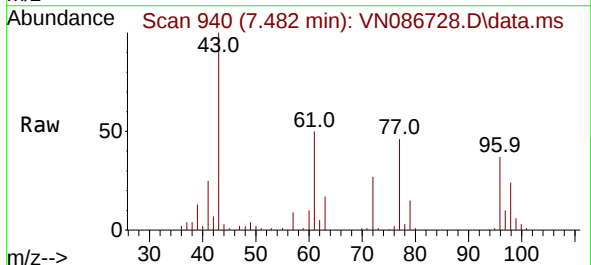
Manual Integrations
APPROVED

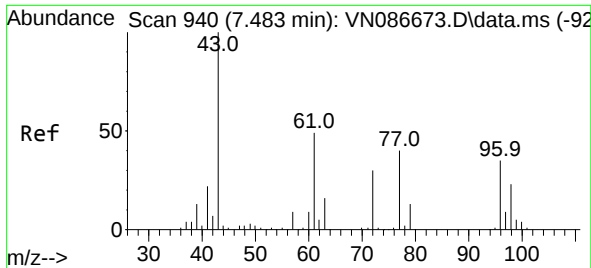
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
2,2-Dichloropropane
Concen: 19.943 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

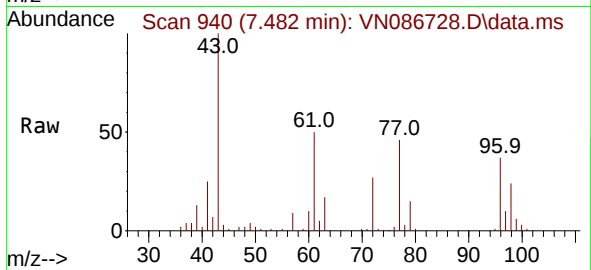
Tgt Ion: 77 Resp: 70144
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.215 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

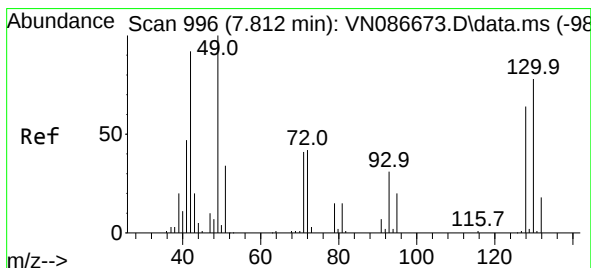
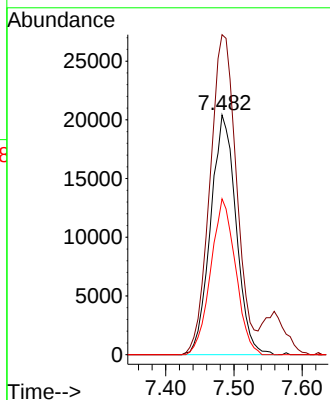
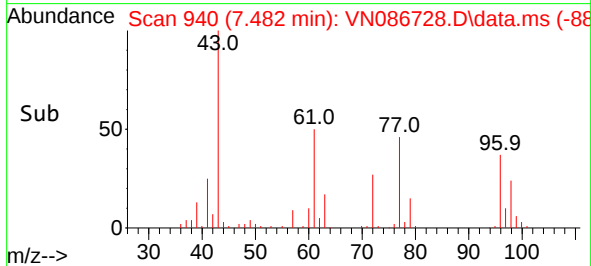
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01



Tgt Ion: 96 Resp: 53010
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 277.4
 98 63.6 0.0 129.6

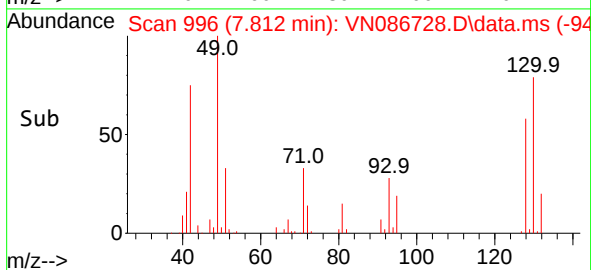
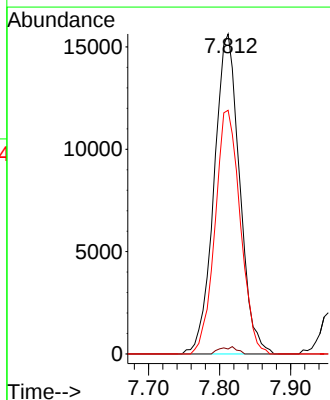
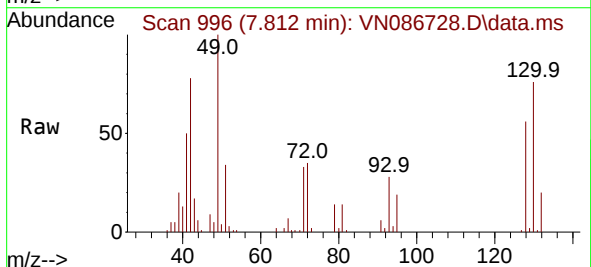
Manual Integrations
 APPROVED

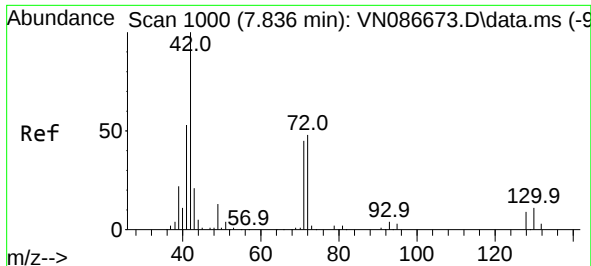
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#28
 Bromochloromethane
 Concen: 20.156 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

Tgt Ion: 49 Resp: 39029
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 75.2 62.2 93.4





#29

Tetrahydrofuran

Concen: 95.409 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

Tgt Ion: 42 Resp: 94804

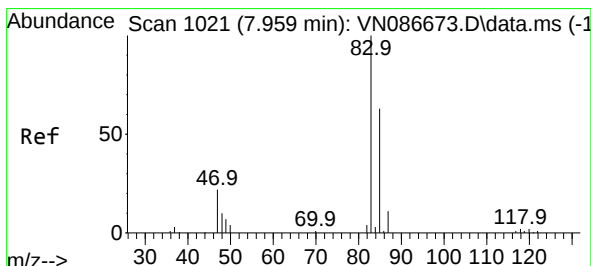
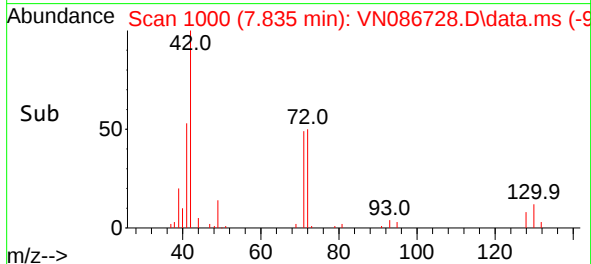
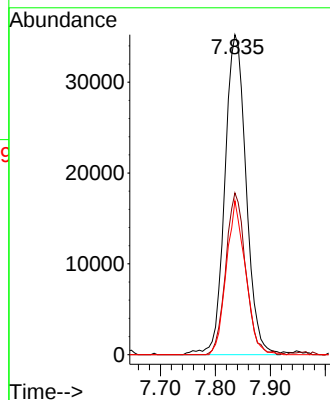
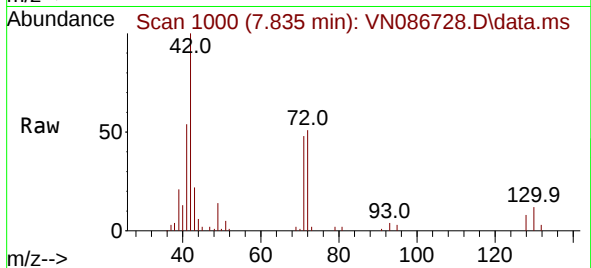
Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.7	58.1
71	43.5	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Chloroform

Concen: 19.096 ug/l

RT: 7.965 min Scan# 1022

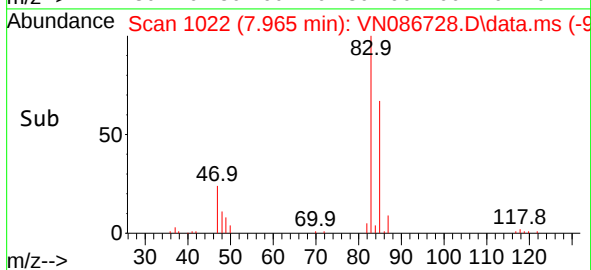
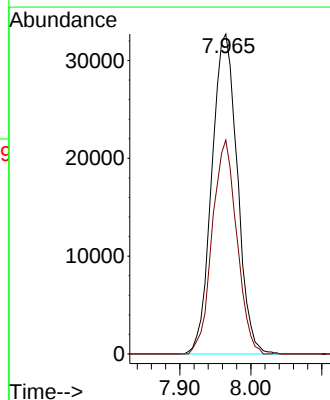
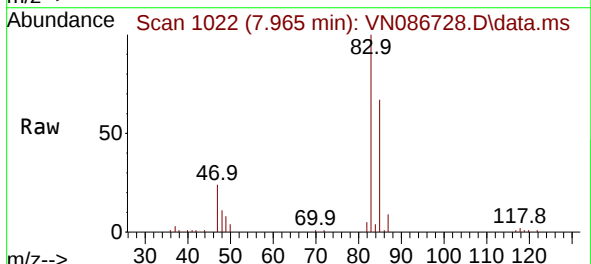
Delta R.T. 0.006 min

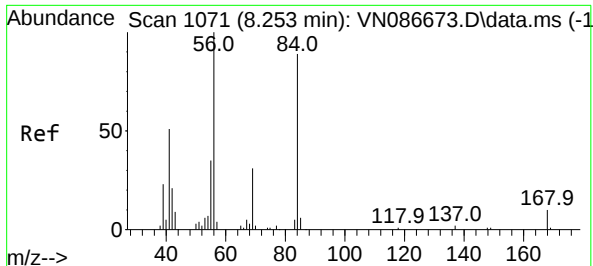
Lab File: VN086728.D

Acq: 21 May 2025 13:53

Tgt Ion: 83 Resp: 81462

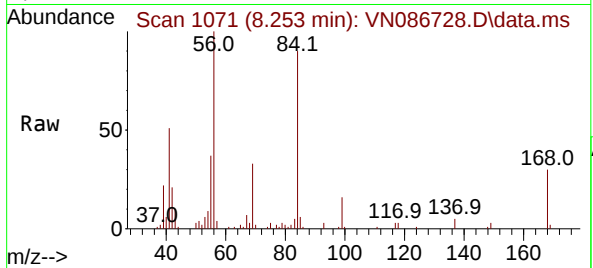
Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.2	75.4





#31
Cyclohexane
Concen: 18.967 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

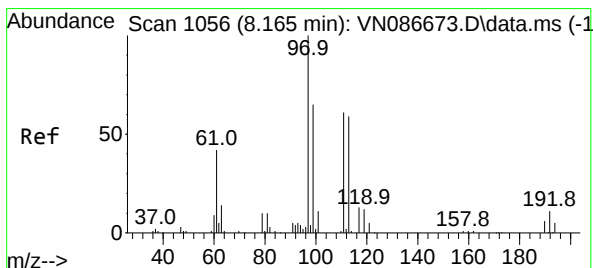
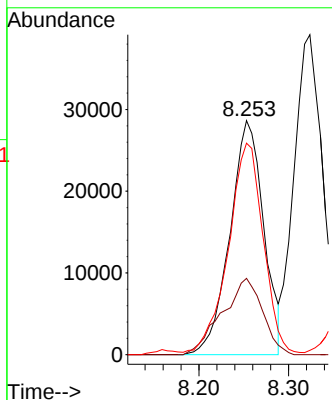
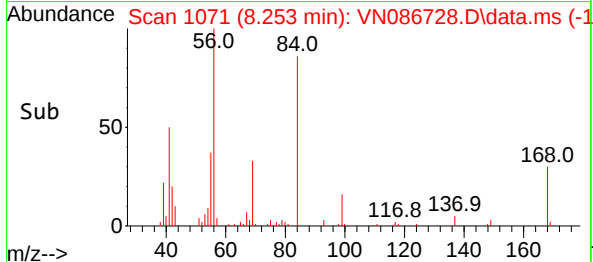
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



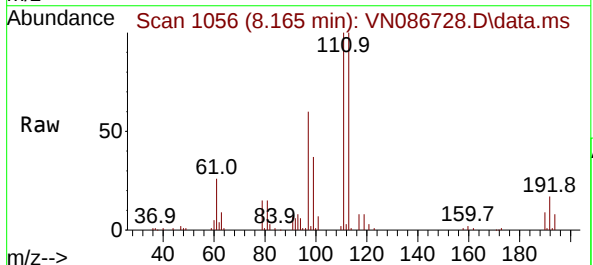
Tgt Ion: 56 Resp: 7497
Ion Ratio Lower Upper
56 100
69 32.6 25.0 37.6
84 89.1 71.0 106.4

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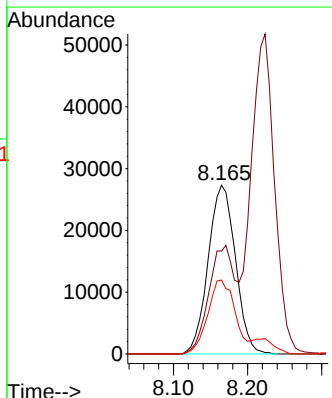
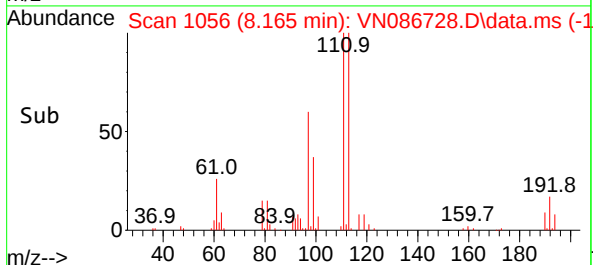
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

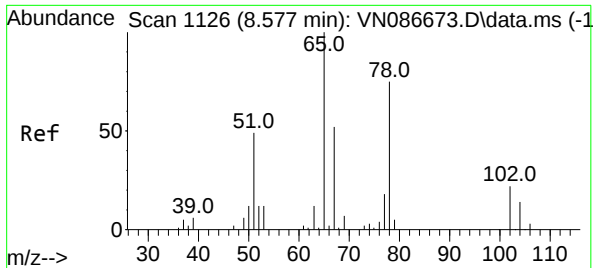


#32
1,1,1-Trichloroethane
Concen: 19.400 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



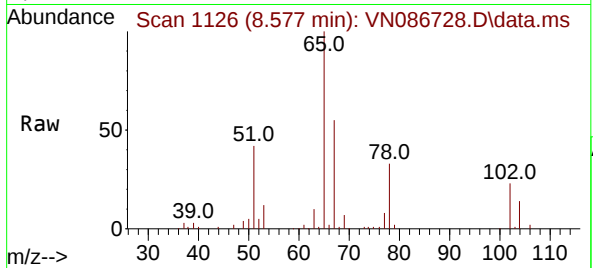
Tgt Ion: 97 Resp: 69775
Ion Ratio Lower Upper
97 100
99 63.0 52.6 79.0
61 43.6 37.7 56.5





#33
1,2-Dichloroethane-d4
Concen: 49.975 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

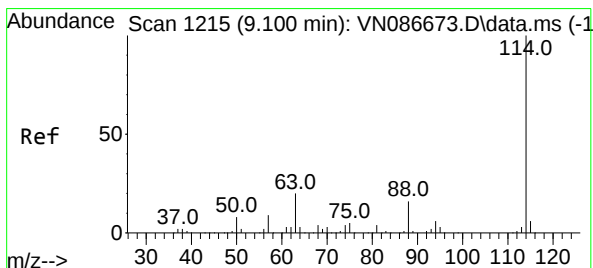
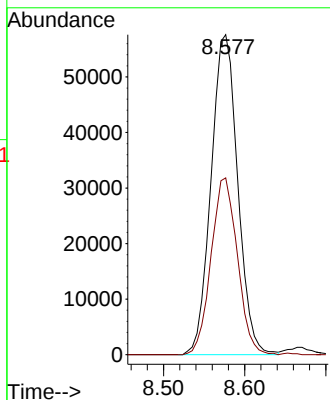
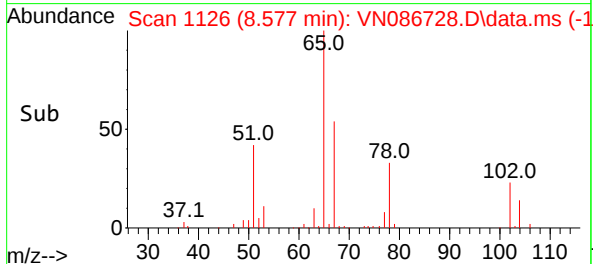
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



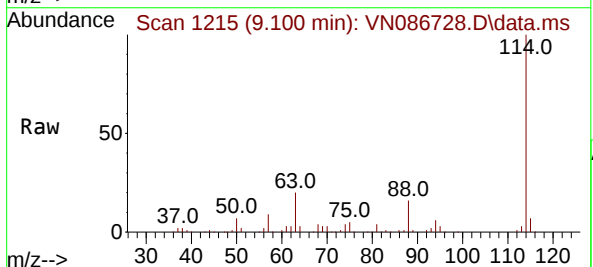
Tgt Ion: 65 Resp: 13161
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.4

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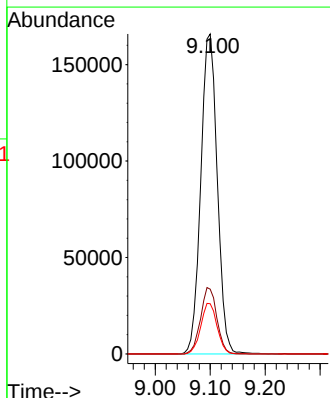
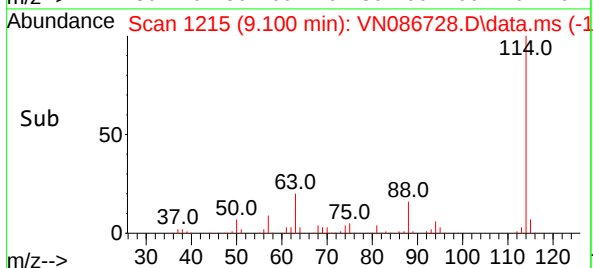
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

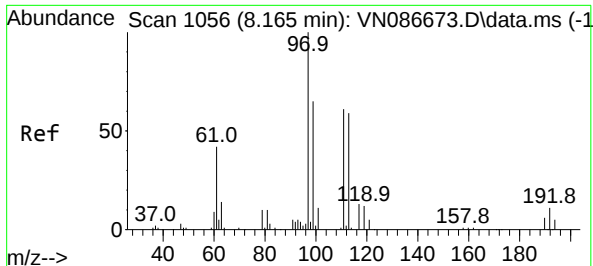


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion:114 Resp: 345539
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.212 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

Tgt Ion:113 Resp: 10538

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

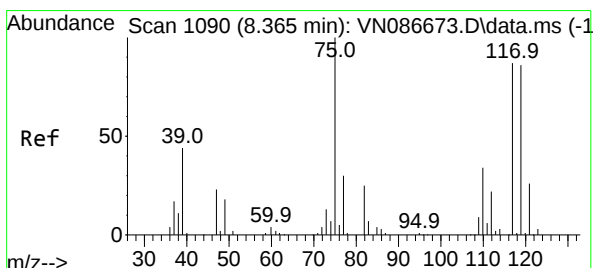
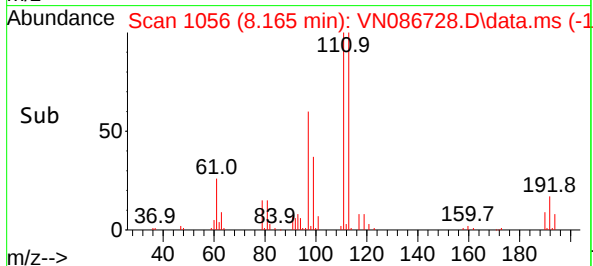
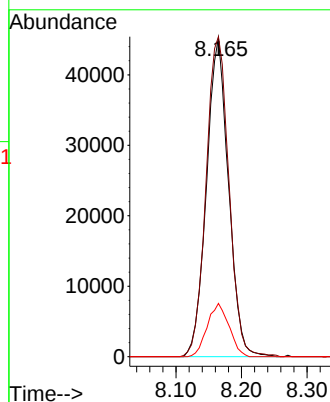
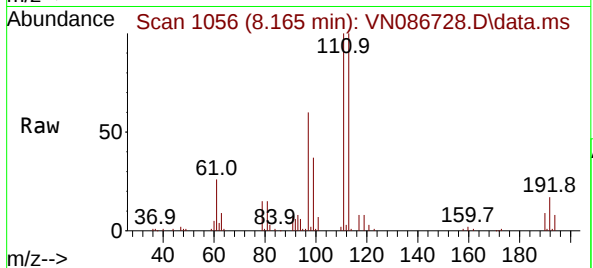
192 16.6 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#36

1,1-Dichloropropene

Concen: 19.701 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

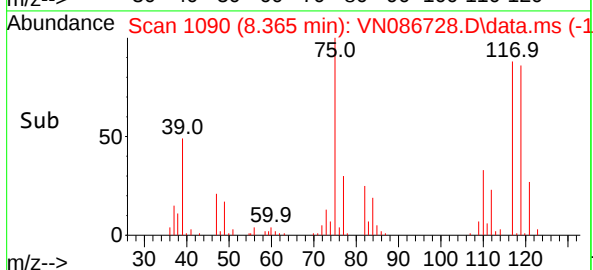
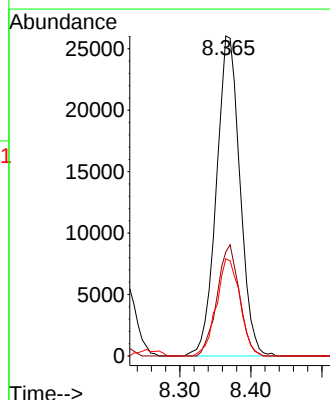
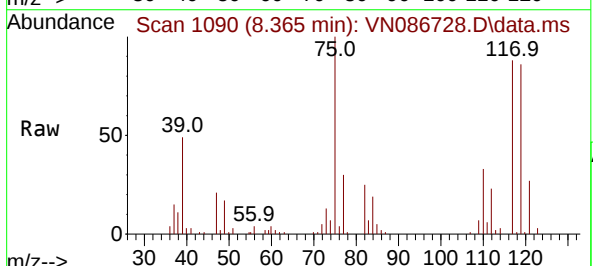
Tgt Ion: 75 Resp: 59799

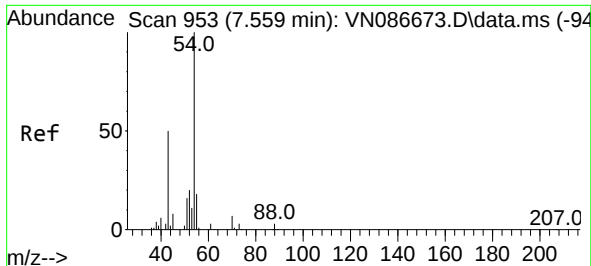
Ion Ratio Lower Upper

75 100

110 33.0 17.5 52.5

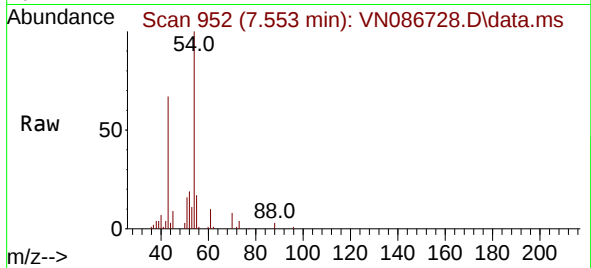
77 30.4 25.1 37.7





#37
Ethyl Acetate
Concen: 18.629 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

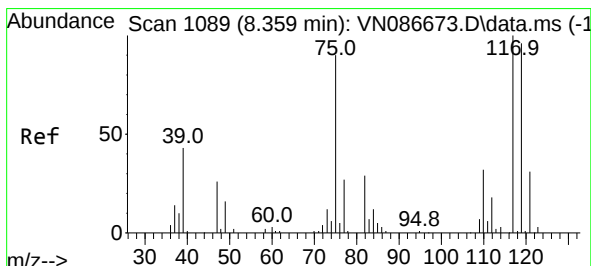
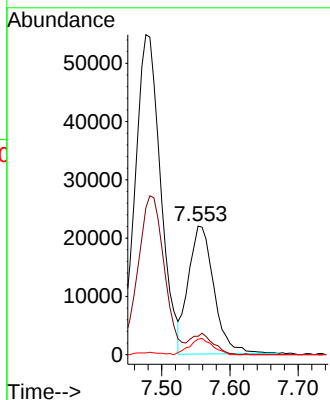
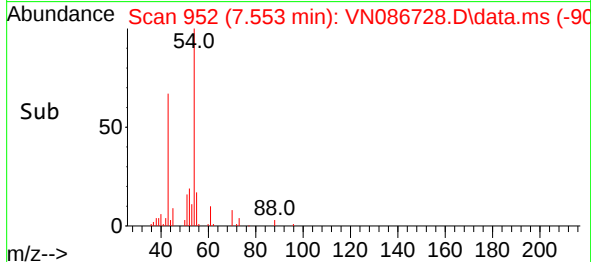
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 43 Resp: 57120
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.5 9.4 14.0

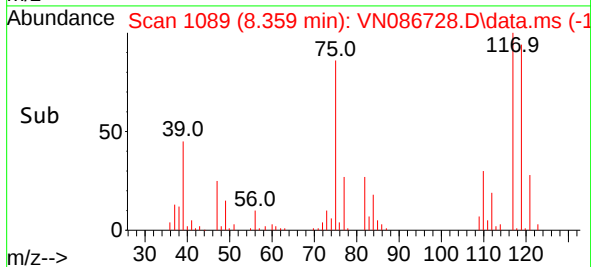
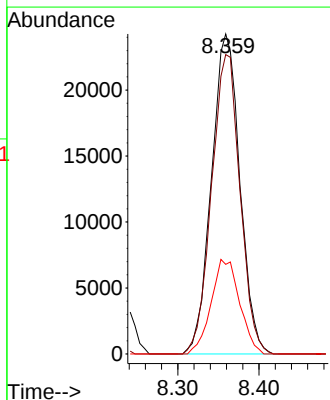
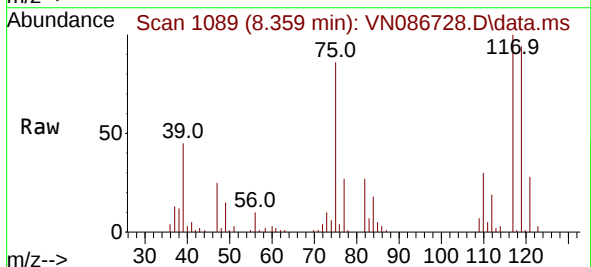
Manual Integrations
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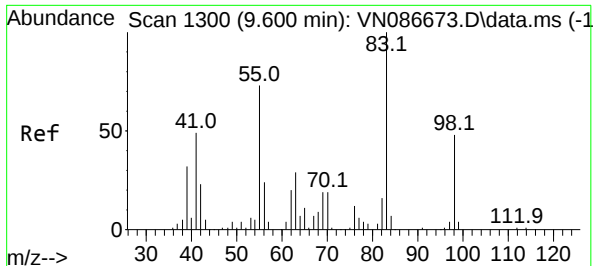
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 19.667 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:117 Resp: 58820
Ion Ratio Lower Upper
117 100
119 93.6 77.0 115.6
121 28.0 25.0 37.6





#39

Methylcyclohexane

Concen: 19.431 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

Tgt Ion: 83 Resp: 63834

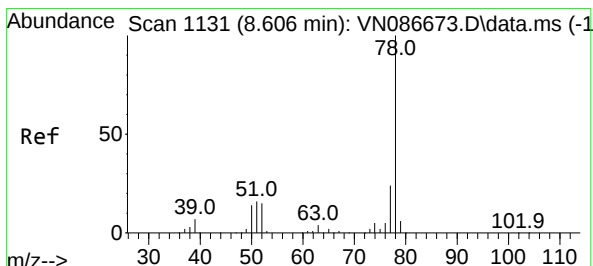
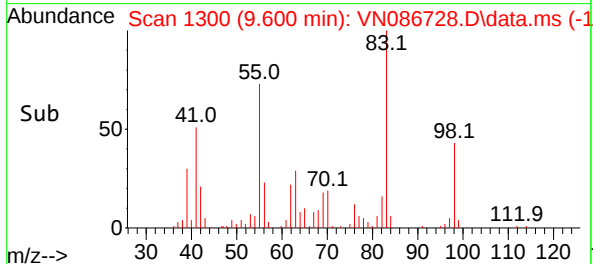
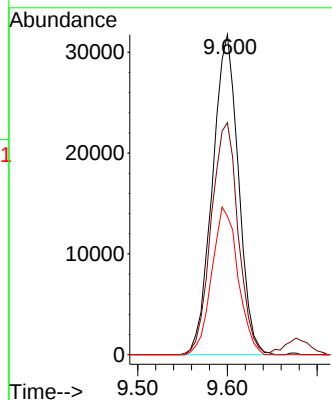
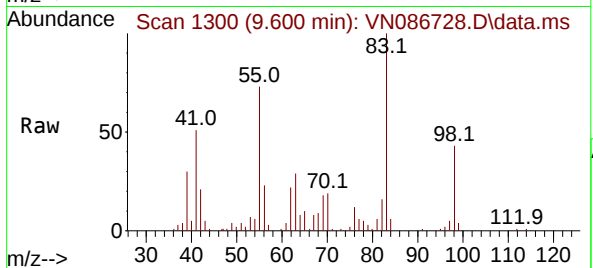
Ion	Ratio	Lower	Upper
83	100		
55	72.5	58.2	87.4
98	43.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#40

Benzene

Concen: 19.625 ug/l

RT: 8.606 min Scan# 1131

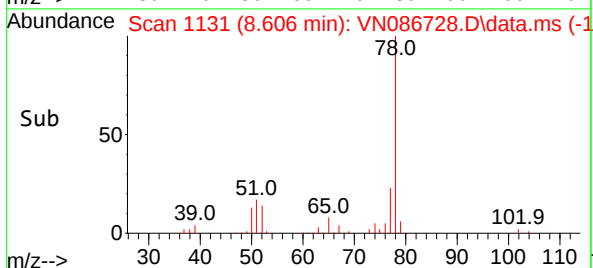
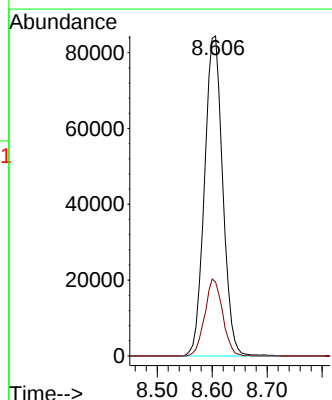
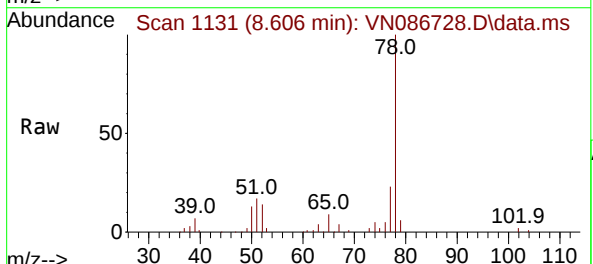
Delta R.T. -0.000 min

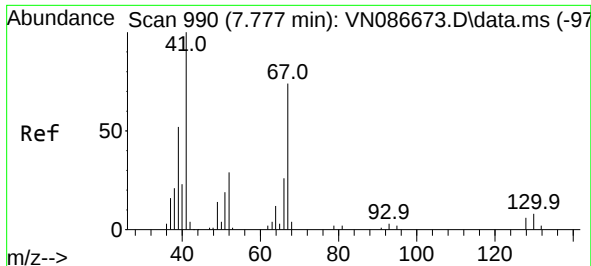
Lab File: VN086728.D

Acq: 21 May 2025 13:53

Tgt Ion: 78 Resp: 194322

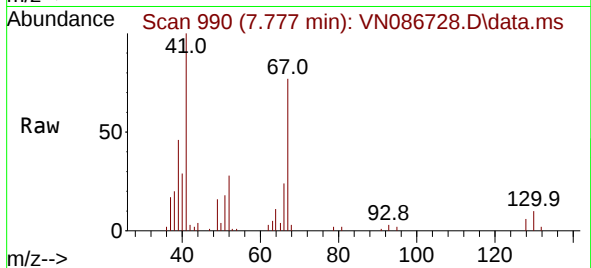
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41
Methacrylonitrile
Concen: 19.764 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

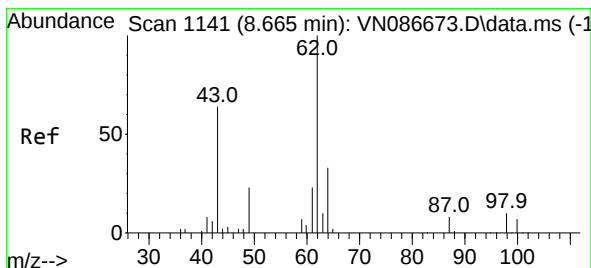
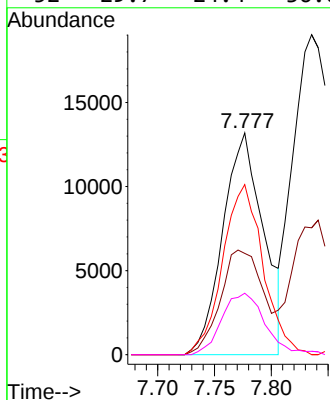
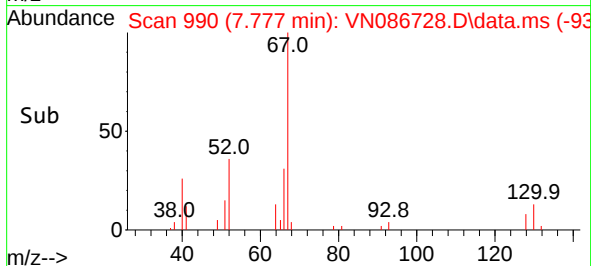
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion:	41	Resp:	32719
Ion Ratio	100	Lower	Upper
39	48.5	44.9	67.3
67	76.5	63.4	95.0
52	29.7	24.4	36.6

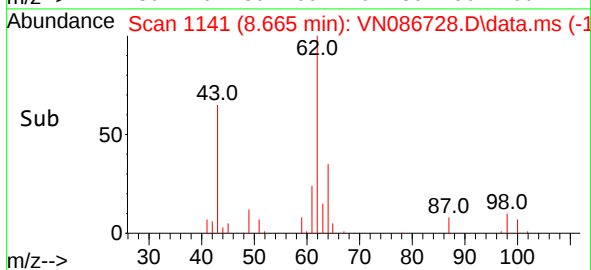
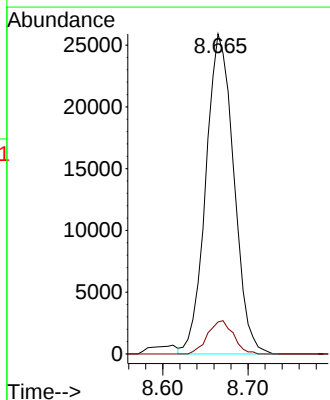
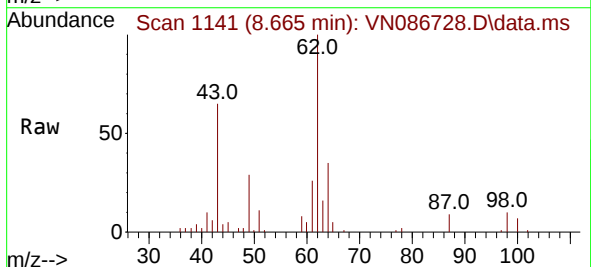
Manual Integrations
APPROVED

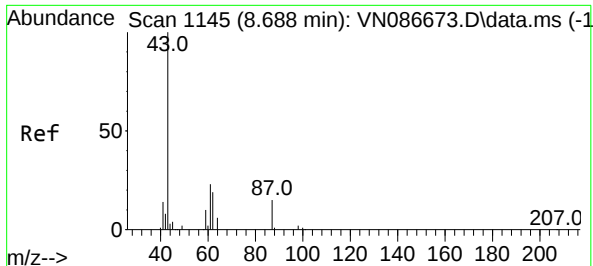
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 19.146 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

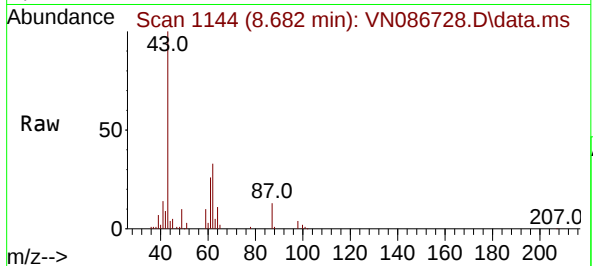
Tgt Ion:	62	Resp:	59065
Ion Ratio	100	Lower	Upper
98	9.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 17.132 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

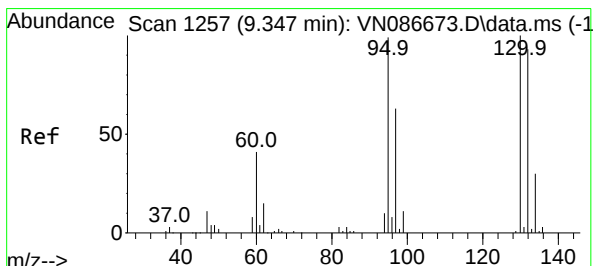
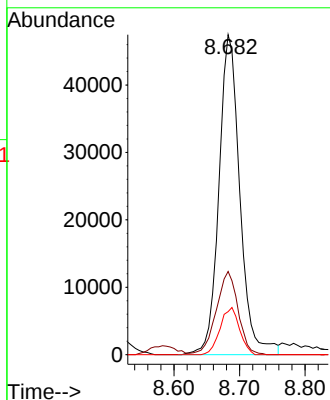
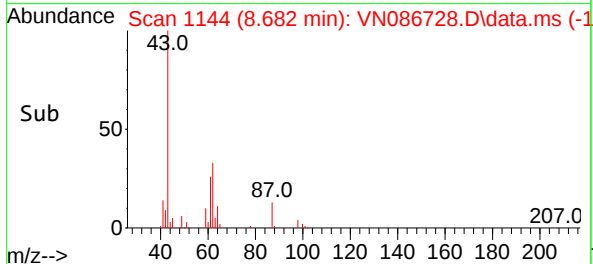
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 43 Resp: 105300
Ion Ratio Lower Upper
43 100
61 27.0 21.4 32.2
87 13.6 11.1 16.7

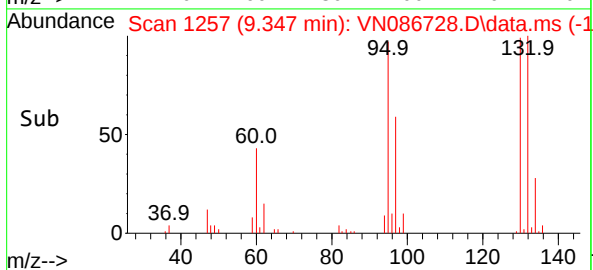
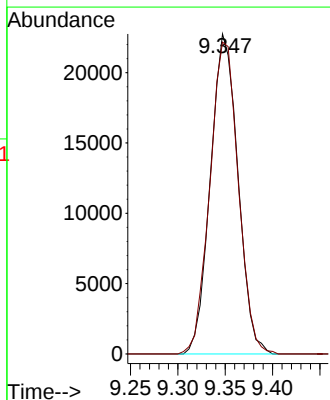
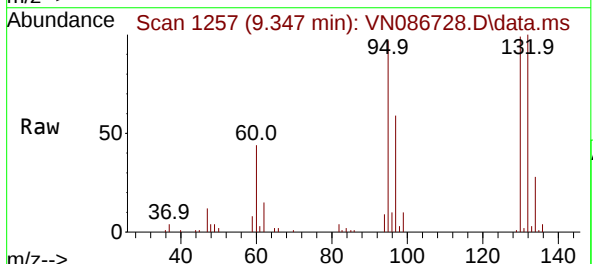
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#44
Trichloroethene
Concen: 19.248 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:130 Resp: 45970
Ion Ratio Lower Upper
130 100
95 97.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.743 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

Tgt Ion: 63 Resp: 4644

Ion Ratio Lower Upper

63 100

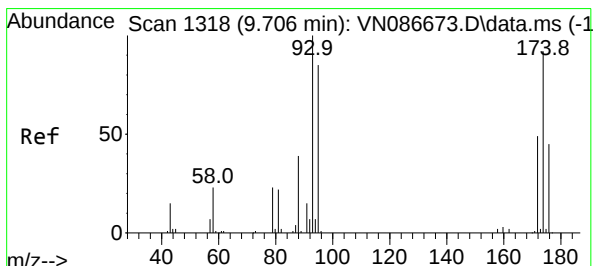
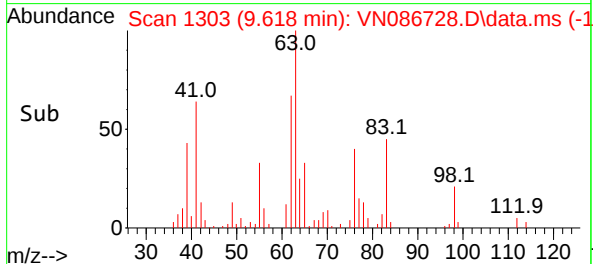
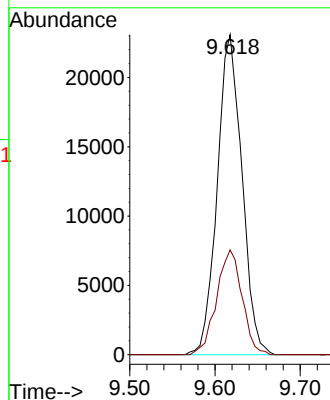
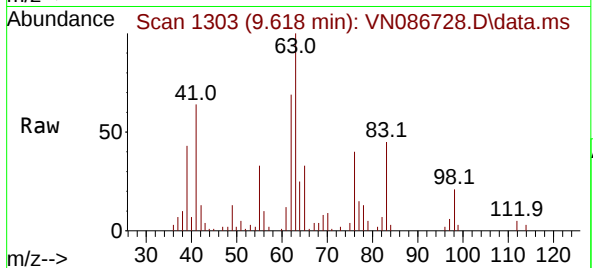
65 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#46

Dibromomethane

Concen: 19.638 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

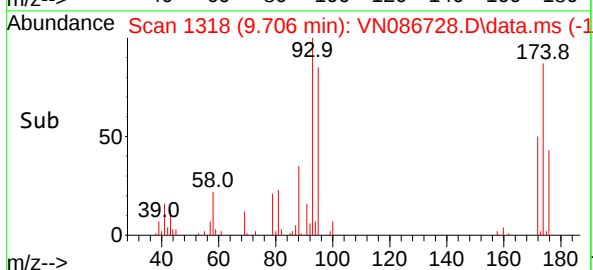
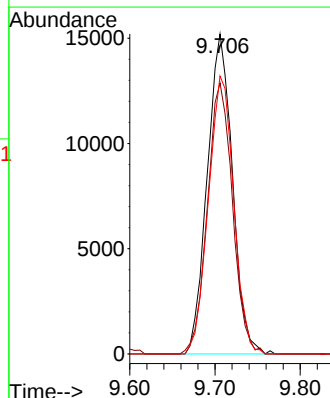
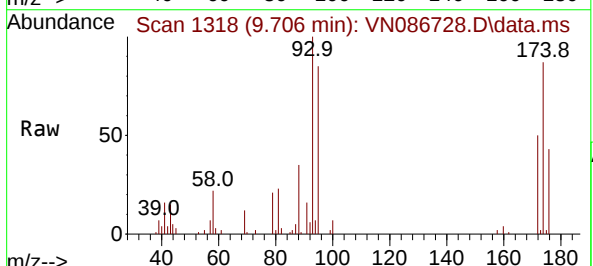
Tgt Ion: 93 Resp: 31170

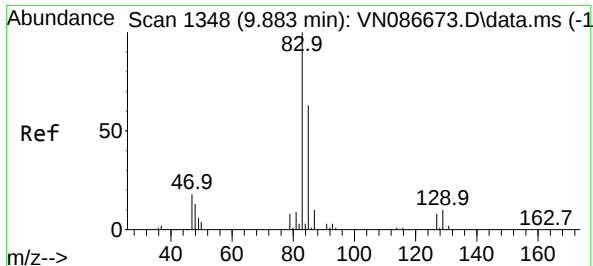
Ion Ratio Lower Upper

93 100

95 84.6 67.1 100.7

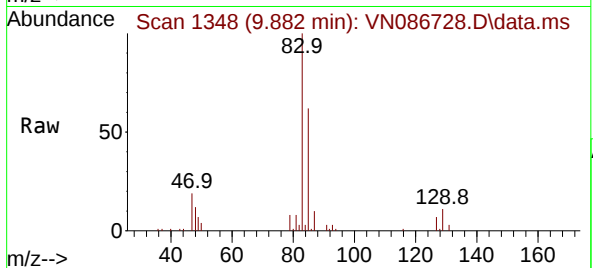
174 87.2 73.8 110.6





#47
Bromodichloromethane
Concen: 19.180 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

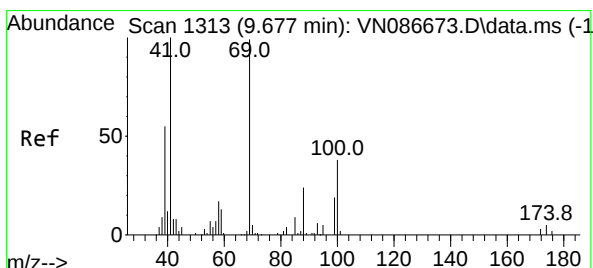
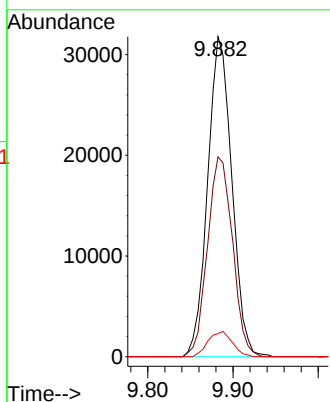
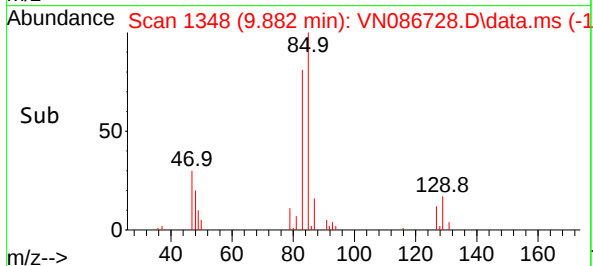
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



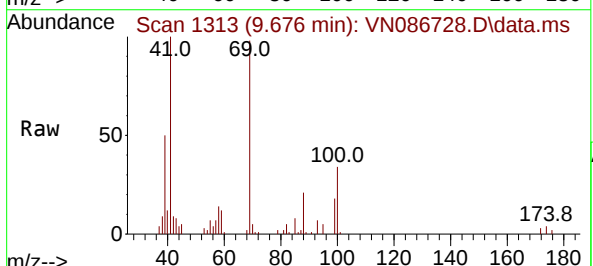
Tgt Ion: 83 Resp: 62724
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 7.2 6.2 9.4

Manual Integrations
APPROVED

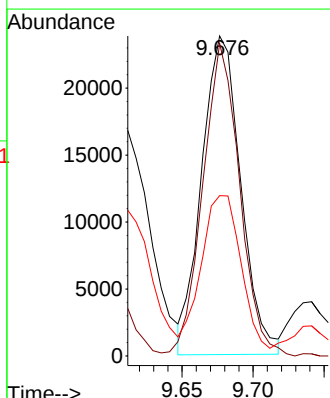
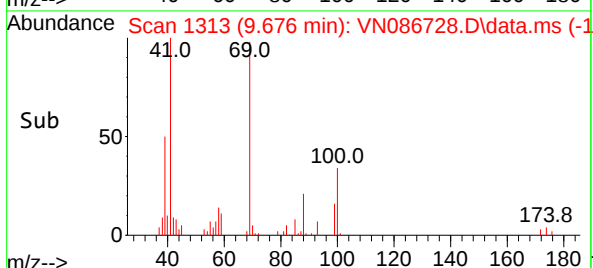
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

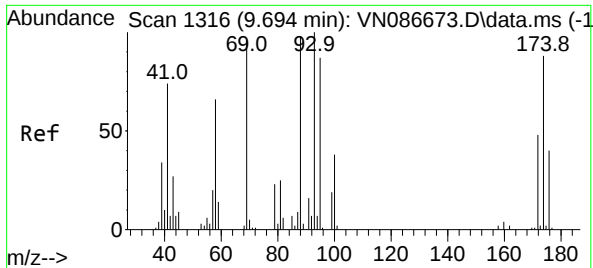


#48
Methyl methacrylate
Concen: 19.145 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



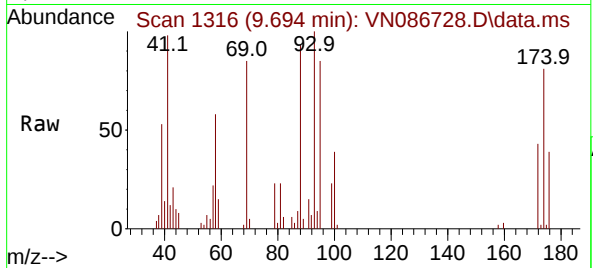
Tgt Ion: 41 Resp: 45600
Ion Ratio Lower Upper
41 100
69 92.5 74.1 111.1
39 52.6 44.1 66.1





#49
1,4-Dioxane
Concen: 386.909 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

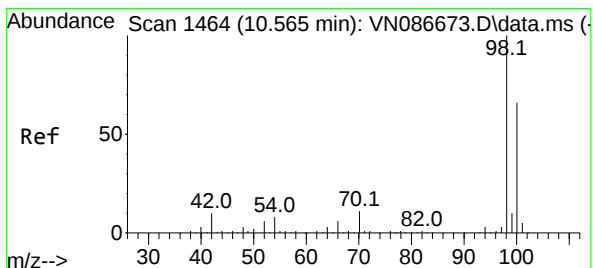
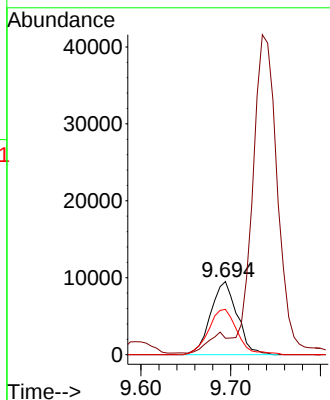
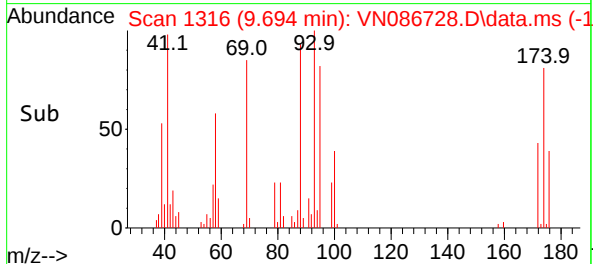
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



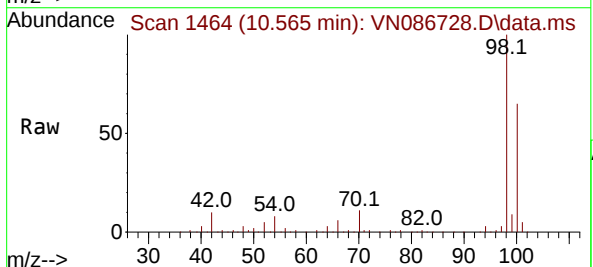
Tgt Ion: 88 Resp: 19514
Ion Ratio Lower Upper
88 100
43 18.7 23.6 35.4
58 67.2 55.3 82.9

Manual Integrations
APPROVED

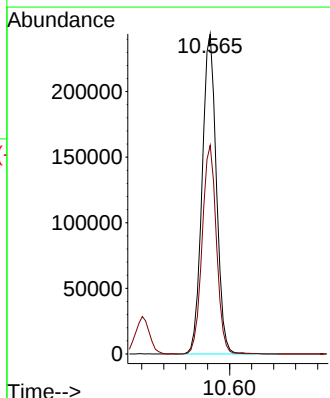
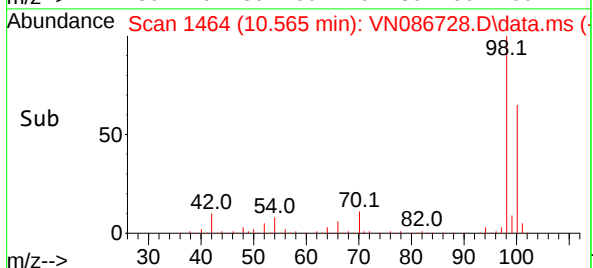
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

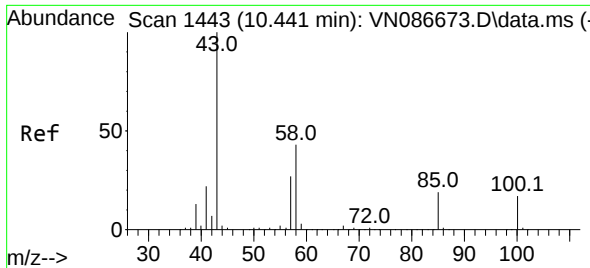


#50
Toluene-d8
Concen: 51.410 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion: 98 Resp: 438409
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3





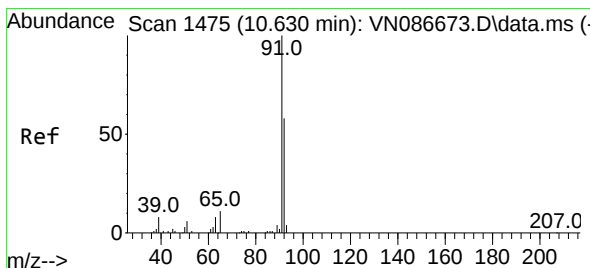
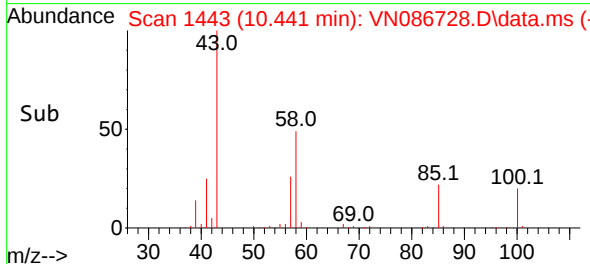
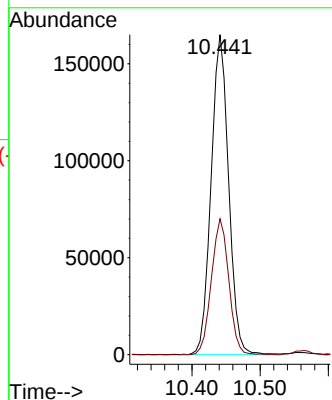
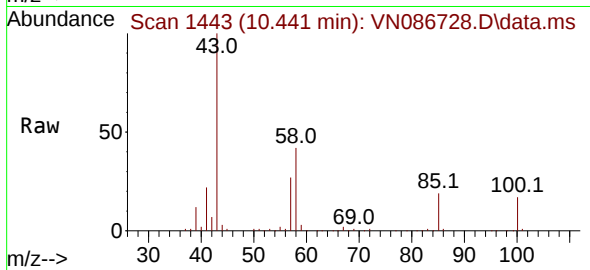
#51
4-Methyl-2-Pentanone
Concen: 95.133 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion: 43 Resp: 29488
Ion Ratio Lower Upper
43 100
58 42.2 33.9 50.9

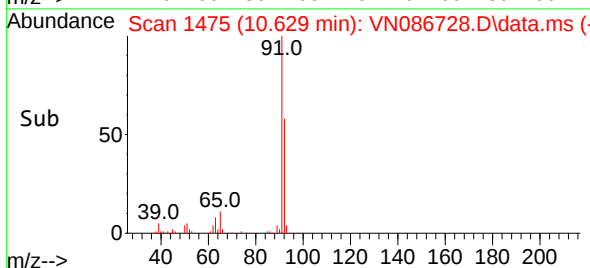
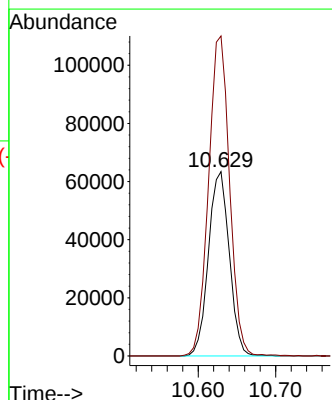
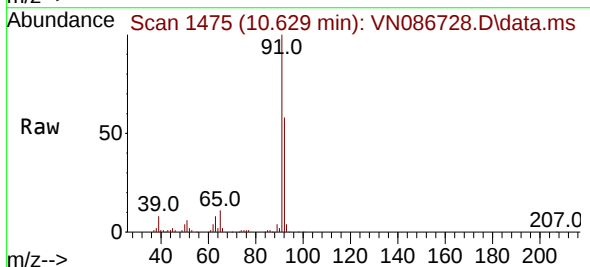
Manual Integrations
APPROVED

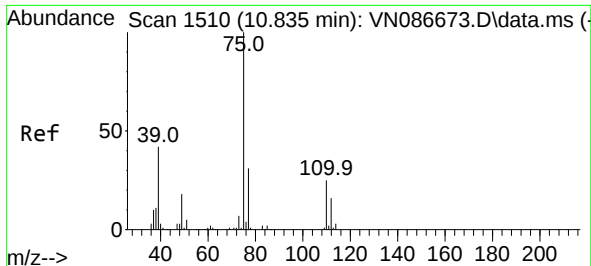
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 19.227 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

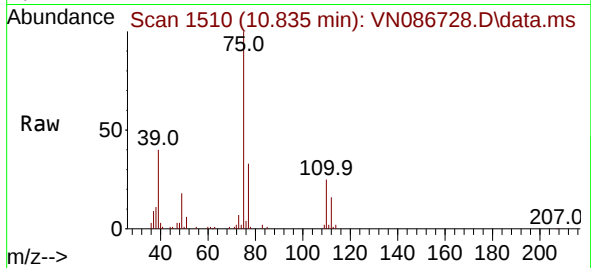
Tgt Ion: 92 Resp: 118329
Ion Ratio Lower Upper
92 100
91 175.3 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 19.829 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

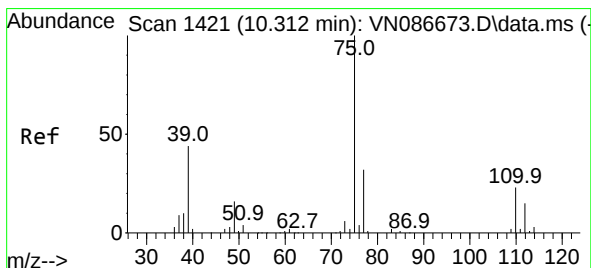
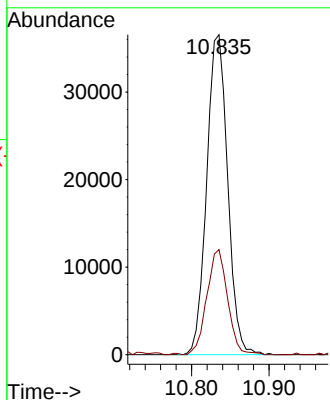
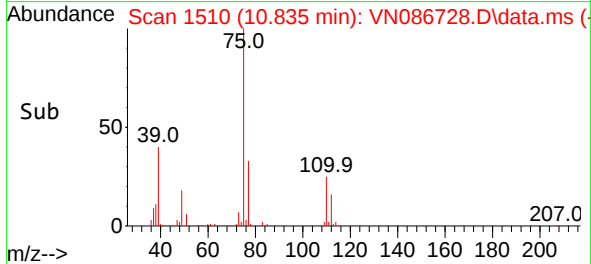
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 75 Resp: 68658
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

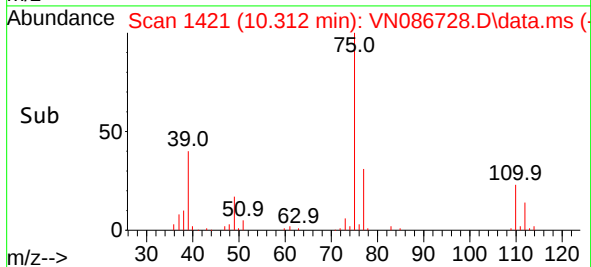
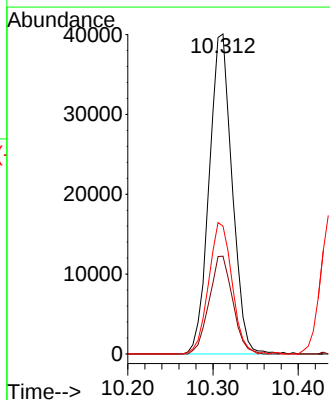
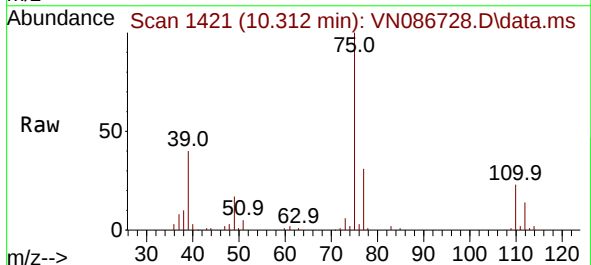
Manual Integrations
APPROVED

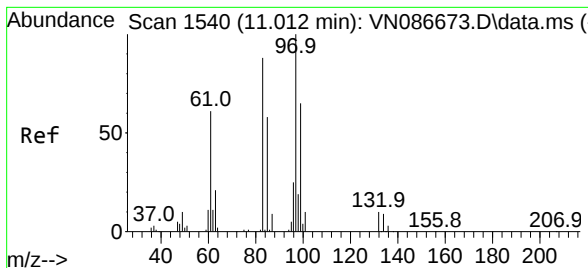
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 19.887 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

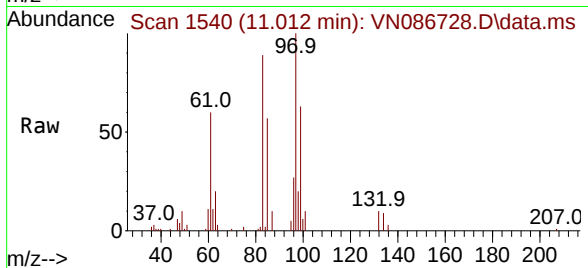
Tgt Ion: 75 Resp: 75171
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 40.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 18.810 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

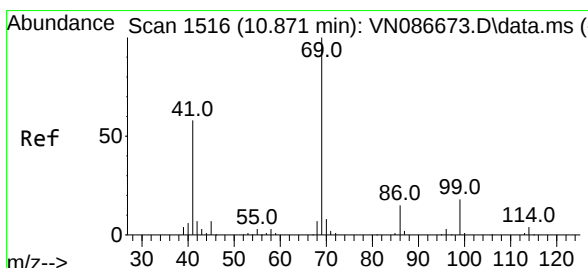
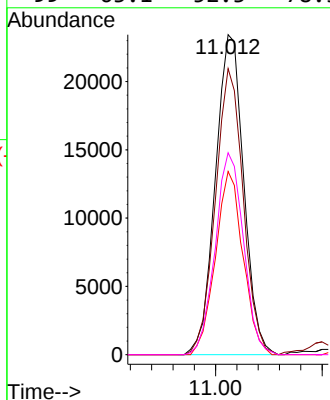
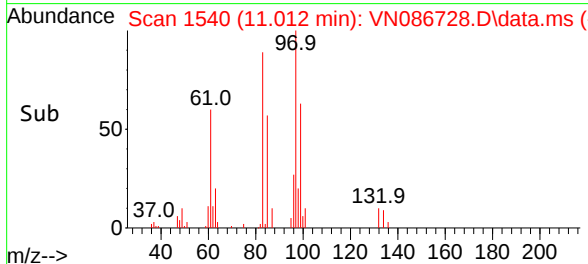
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



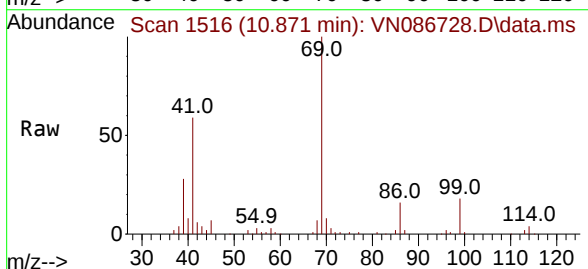
Tgt Ion: 97 Resp: 4318
Ion Ratio Lower Upper
97 100
83 89.4 70.4 105.6
85 57.2 46.1 69.1
99 63.1 52.3 78.5

Manual Integrations
APPROVED

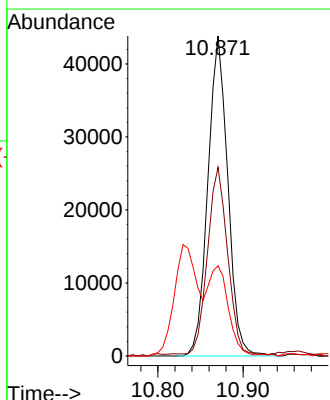
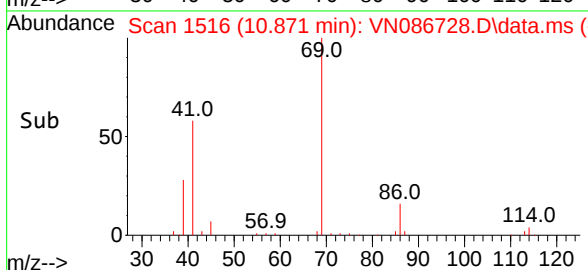
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

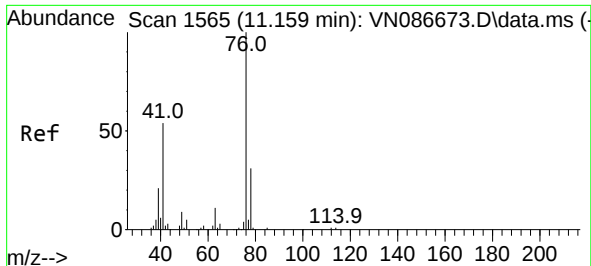


#56
Ethyl methacrylate
Concen: 19.318 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



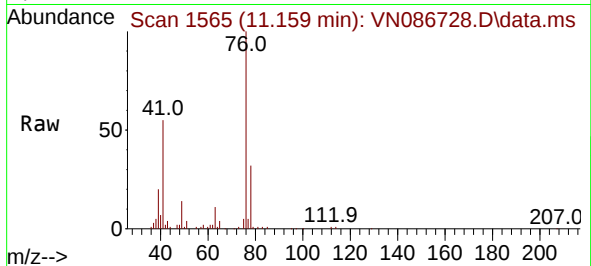
Tgt Ion: 69 Resp: 71206
Ion Ratio Lower Upper
69 100
41 59.4 47.4 71.0
39 29.0 24.0 36.0





#57
1,3-Dichloropropane
Concen: 19.497 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

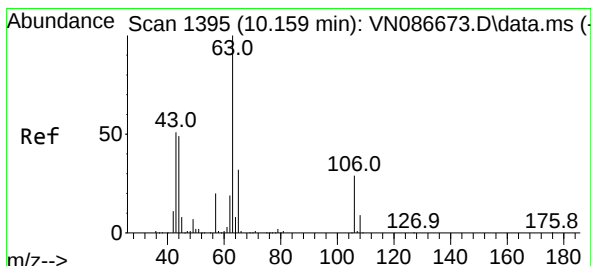
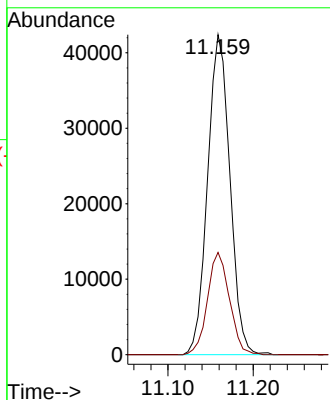
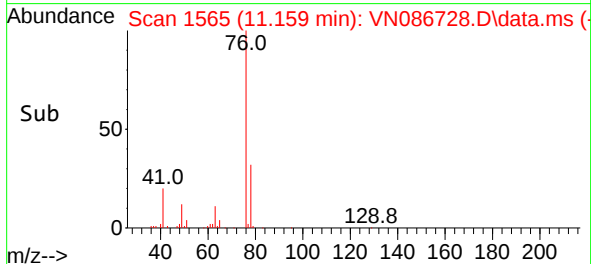
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



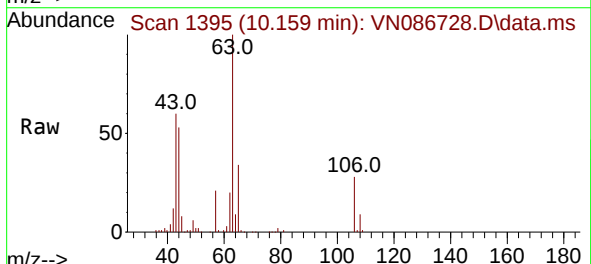
Tgt Ion: 76 Resp: 77110
Ion Ratio Lower Upper
76 100
78 31.4 25.8 38.8

Manual Integrations
APPROVED

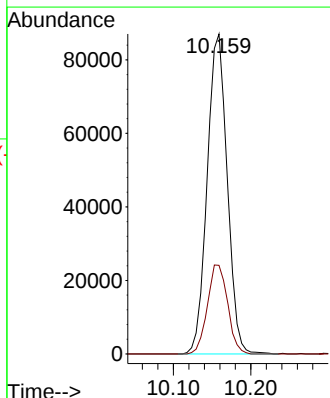
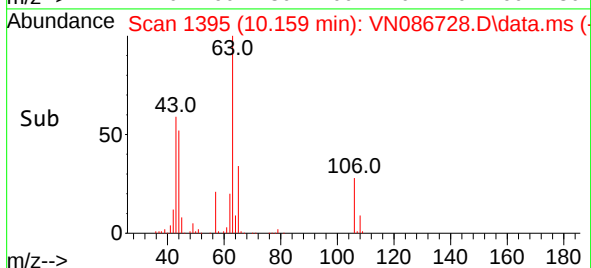
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

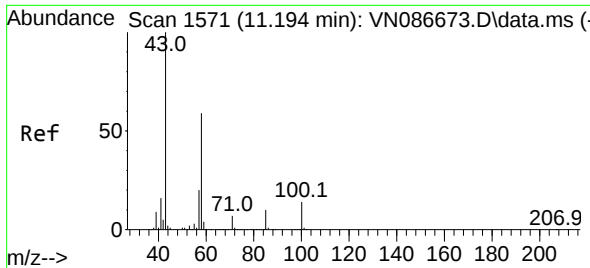


#58
2-Chloroethyl Vinyl ether
Concen: 94.987 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



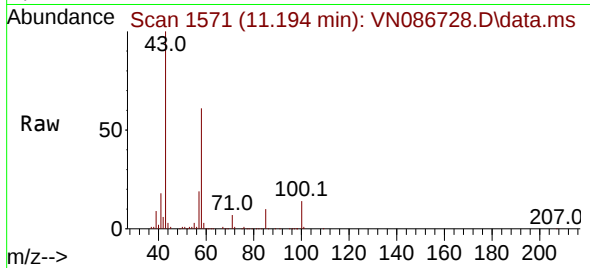
Tgt Ion: 63 Resp: 156480
Ion Ratio Lower Upper
63 100
106 28.0 23.1 34.7





#59
2-Hexanone
Concen: 93.708 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

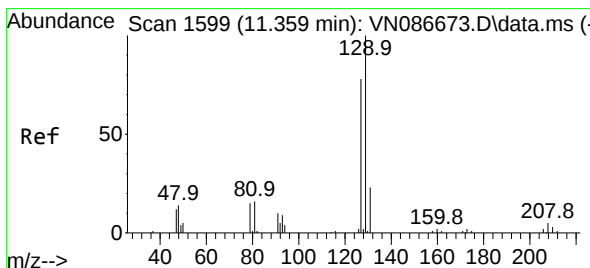
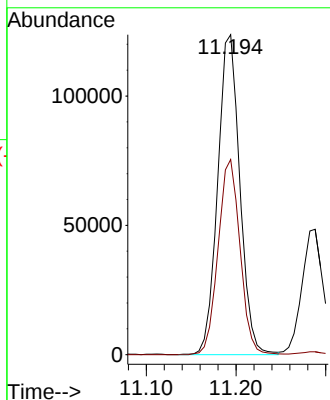
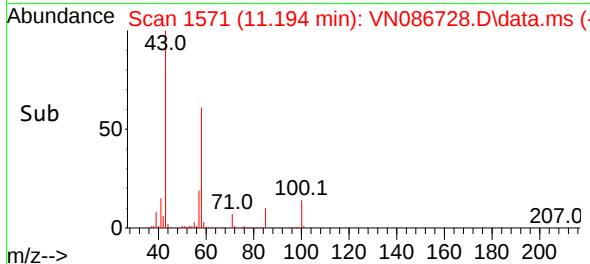
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 43 Resp: 212119
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.5

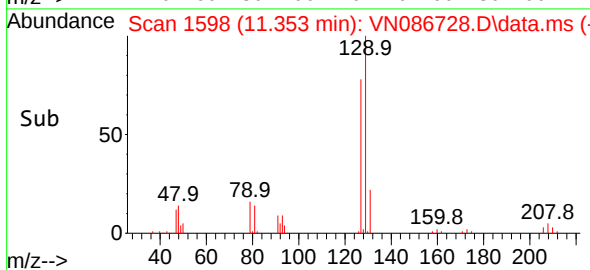
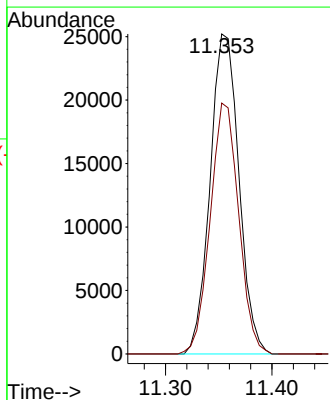
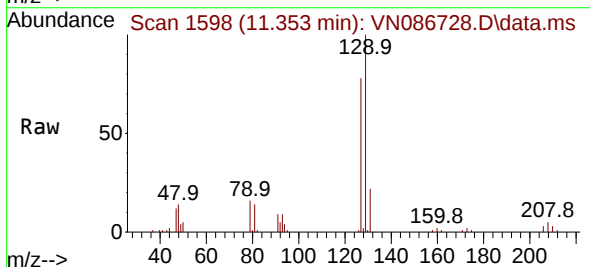
Manual Integrations
APPROVED

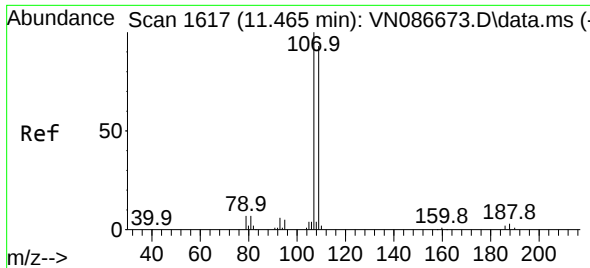
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 19.675 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:129 Resp: 47337
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3





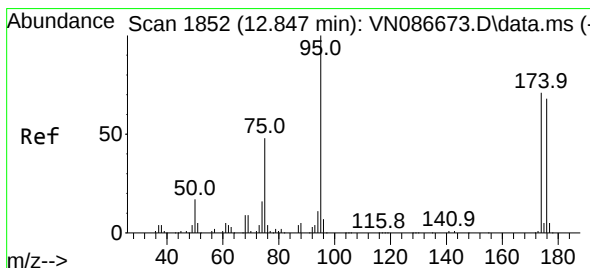
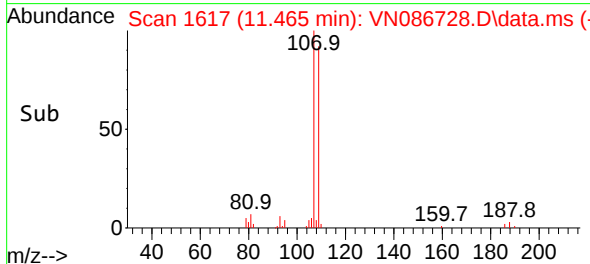
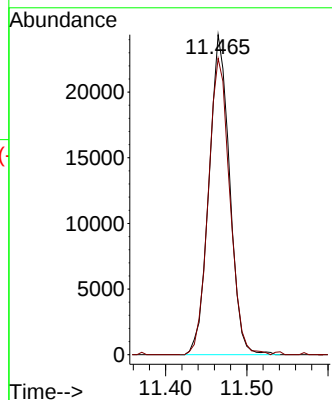
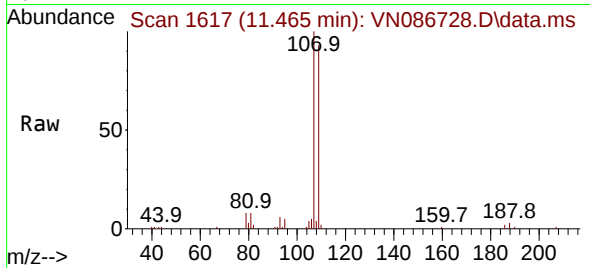
#61
1,2-Dibromoethane
Concen: 18.648 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:107 Resp: 4302
Ion Ratio Lower Upper
107 100
109 96.3 75.0 112.4

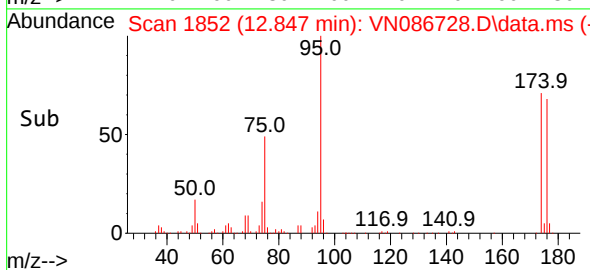
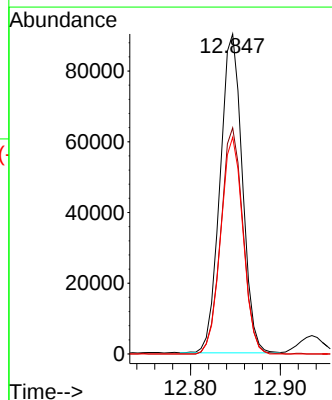
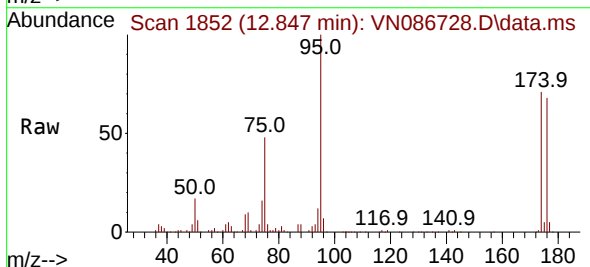
Manual Integrations
APPROVED

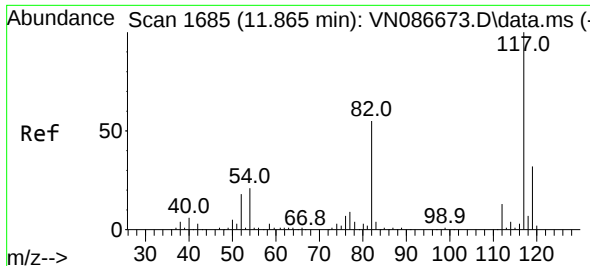
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#62
4-Bromofluorobenzene
Concen: 51.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

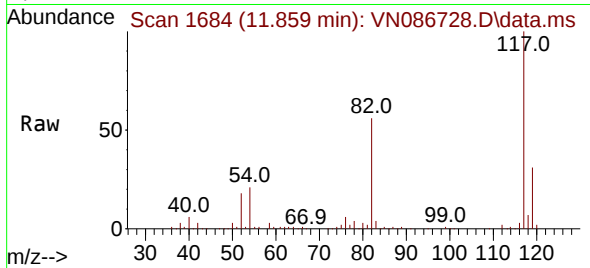
Tgt Ion: 95 Resp: 155126
Ion Ratio Lower Upper
95 100
174 70.7 0.0 145.4
176 68.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

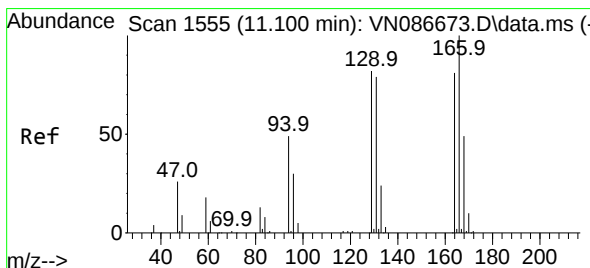
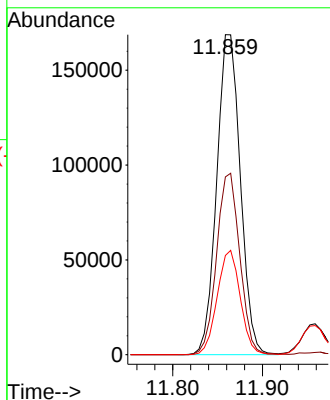
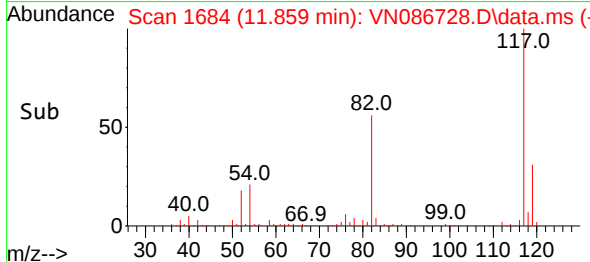
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion:117 Resp: 30885
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.0 25.4 38.2

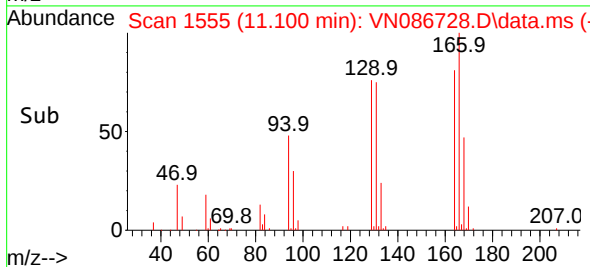
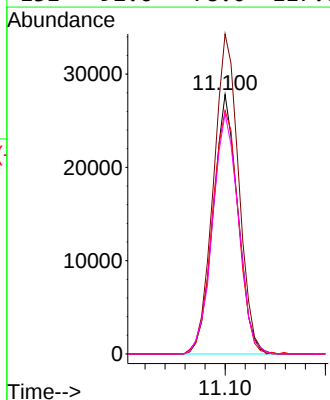
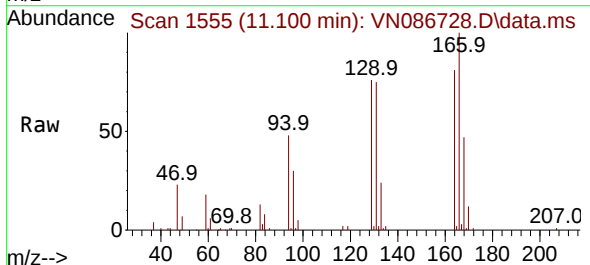
Manual Integrations
APPROVED

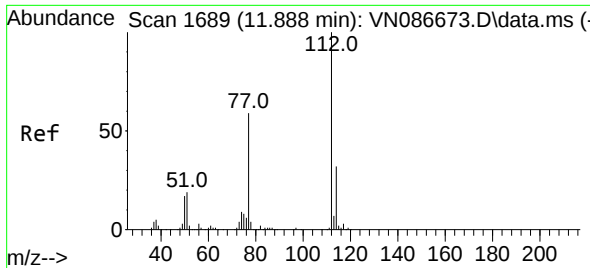
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64
Tetrachloroethene
Concen: 20.092 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:164 Resp: 47538
Ion Ratio Lower Upper
164 100
166 123.3 98.2 147.4
129 93.8 81.0 121.4
131 92.6 78.0 117.0





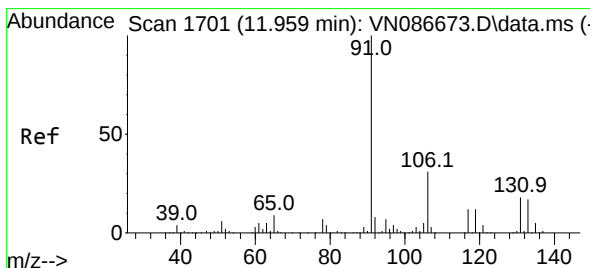
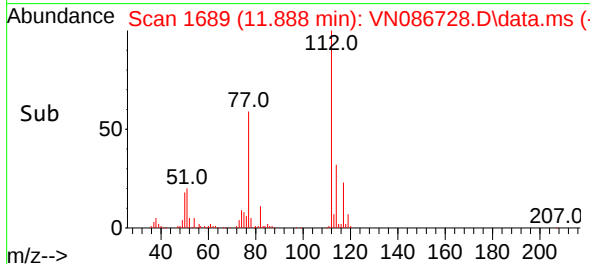
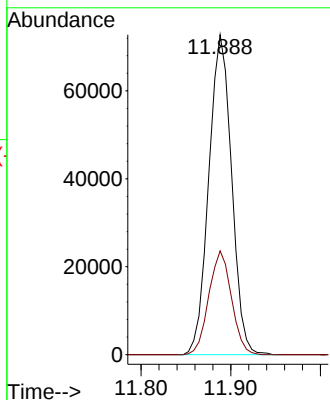
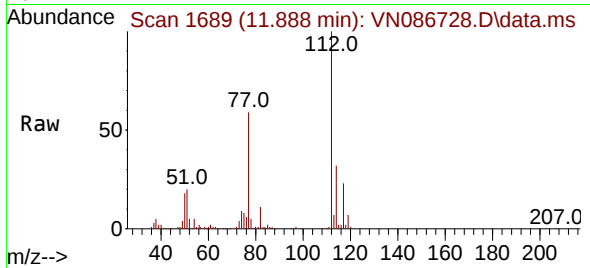
#65
Chlorobenzene
Concen: 18.972 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:112 Resp: 128490
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

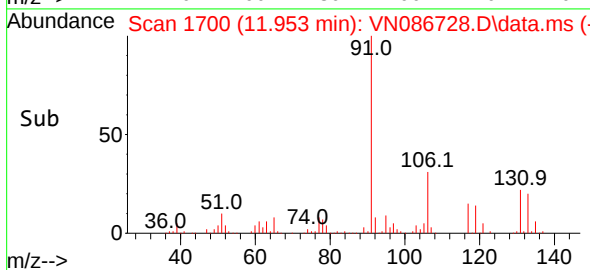
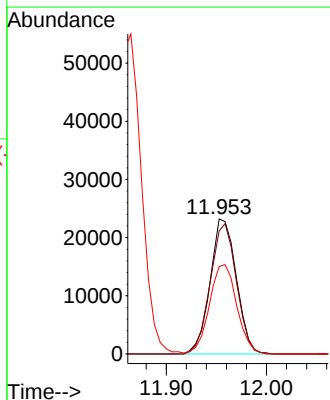
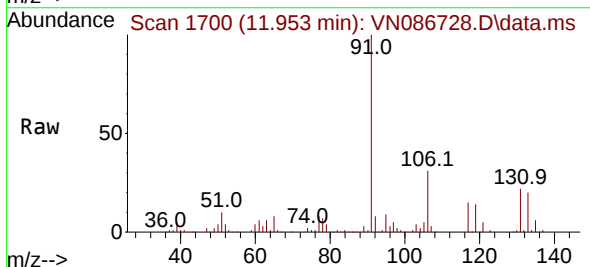
Manual Integrations
APPROVED

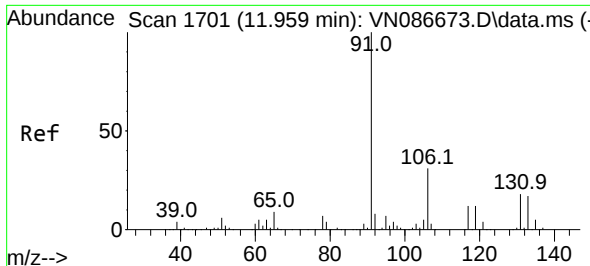
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.333 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

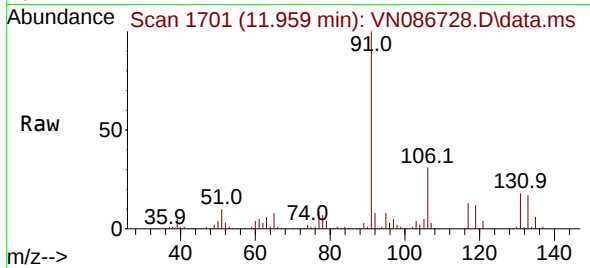
Tgt Ion:131 Resp: 42269
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 68.6 33.6 100.8





#67
Ethyl Benzene
Concen: 19.180 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

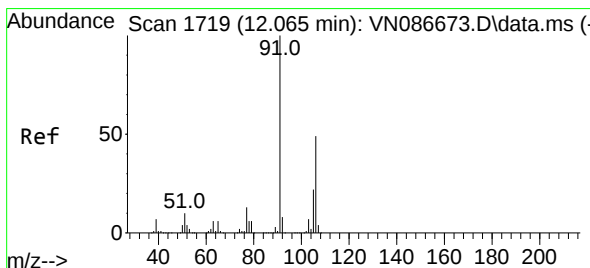
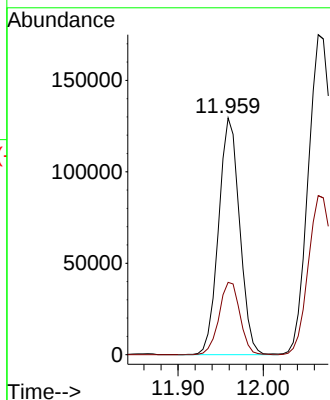
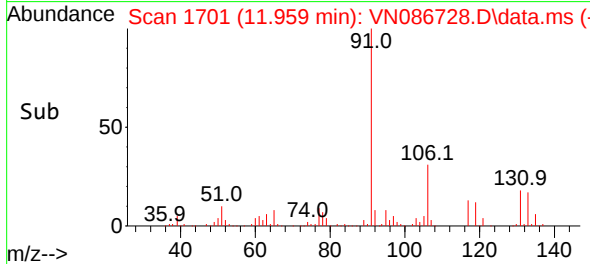
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 91 Resp: 222500
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8

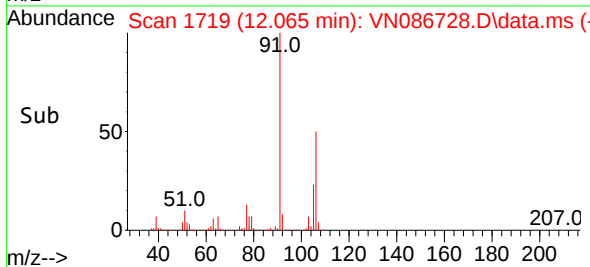
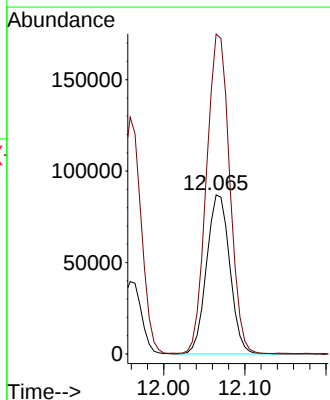
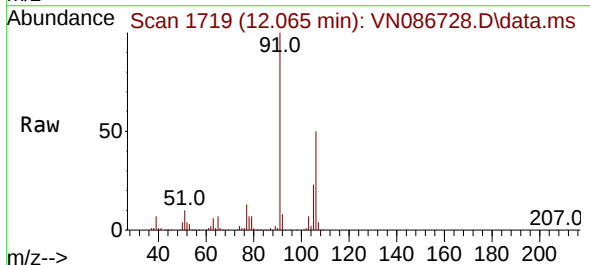
Manual Integrations
APPROVED

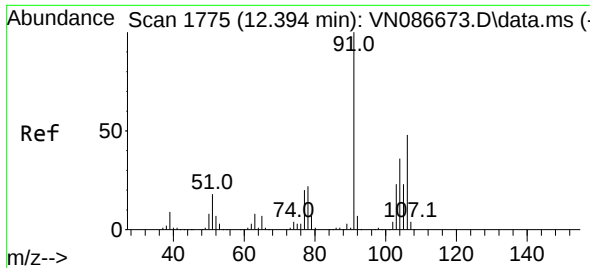
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#68
m/p-Xylenes
Concen: 39.312 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:106 Resp: 172731
Ion Ratio Lower Upper
106 100
91 200.6 162.4 243.6





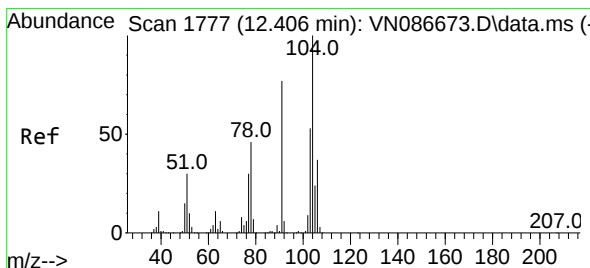
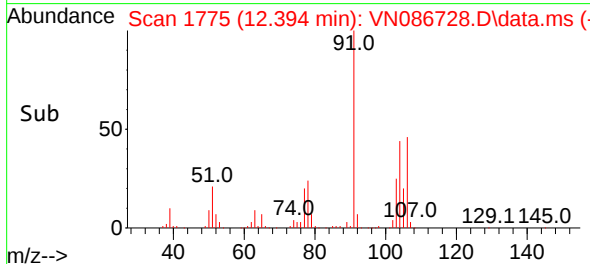
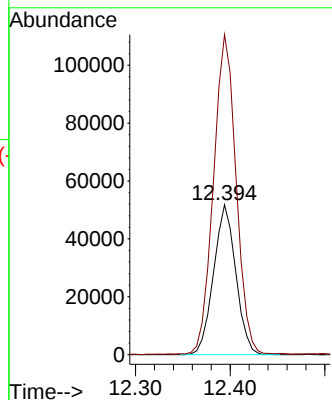
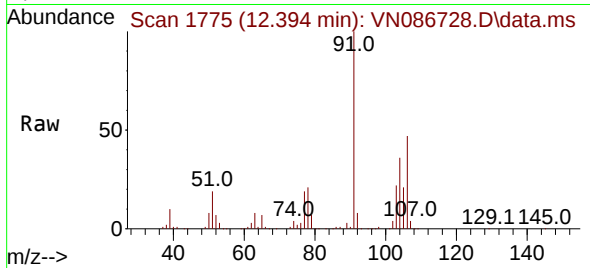
#69
o-Xylene
Concen: 19.305 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:106 Resp: 84330
Ion Ratio Lower Upper
106 100
91 219.1 105.1 315.1

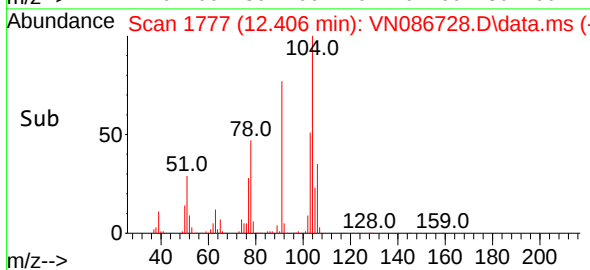
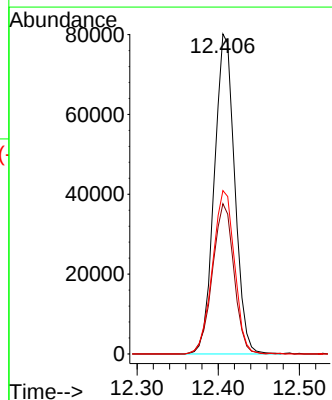
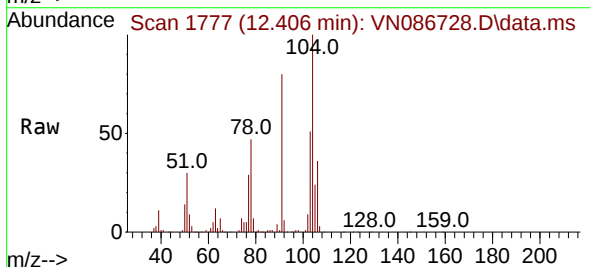
Manual Integrations
APPROVED

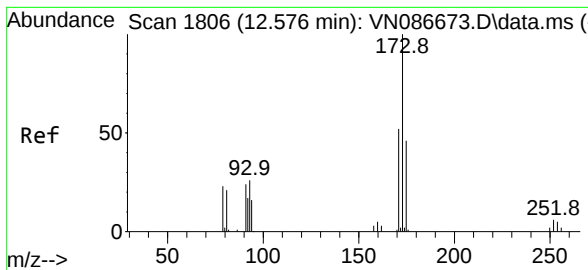
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 19.595 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:104 Resp: 140137
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.9 43.8 65.8





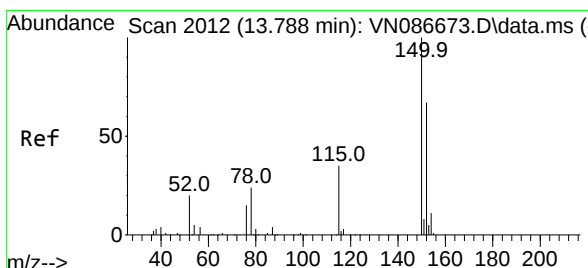
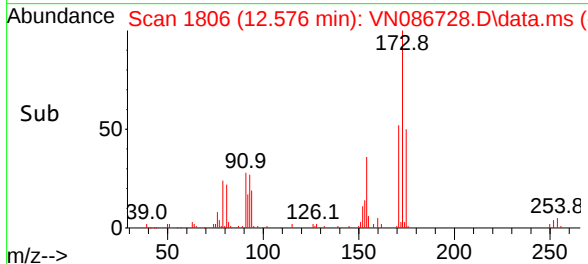
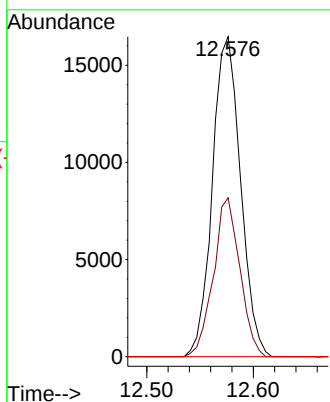
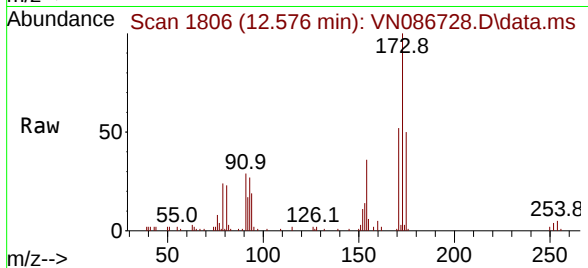
#71
Bromoform
Concen: 19.435 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:173 Resp: 30220
Ion Ratio Lower Upper
173 100
175 46.6 23.4 70.2
254 0.0 0.0 0.0

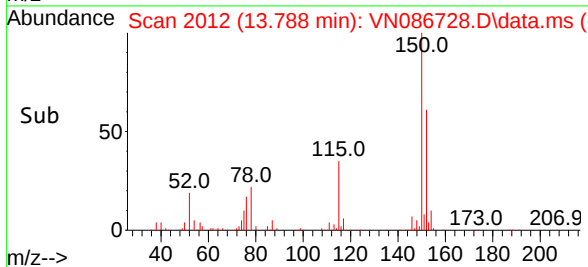
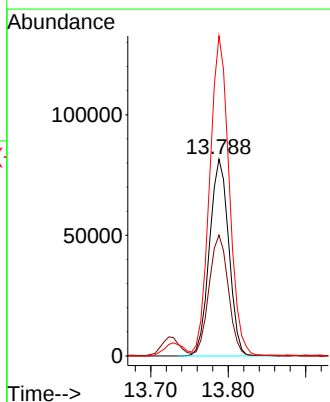
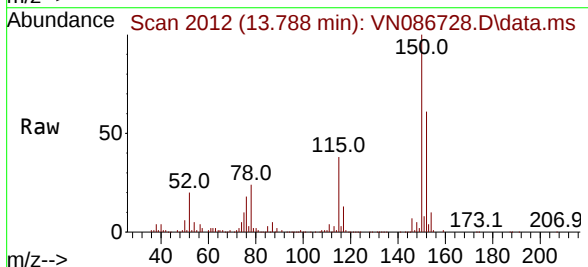
Manual Integrations
APPROVED

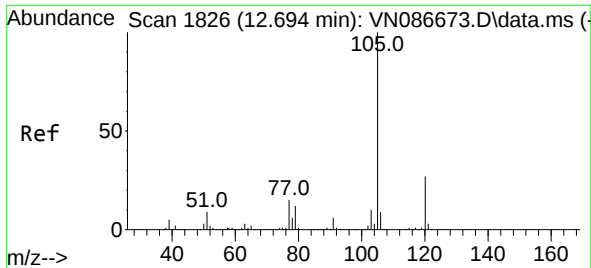
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

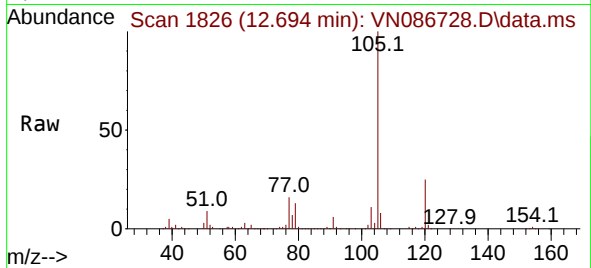
Tgt Ion:152 Resp: 140932
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.1
150 164.5 0.0 347.8





#73
Isopropylbenzene
Concen: 18.882 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

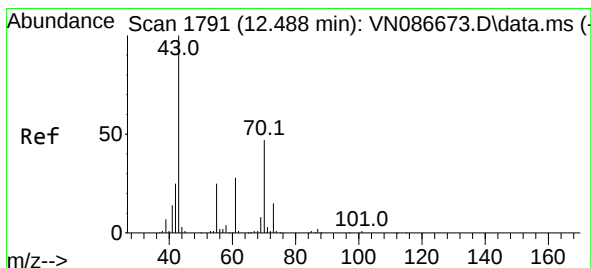
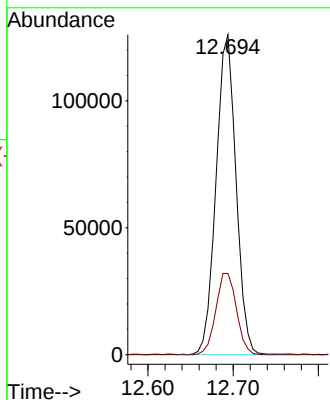
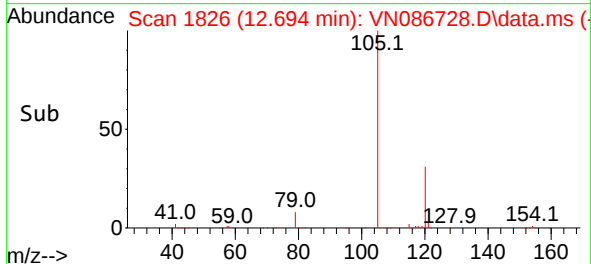
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



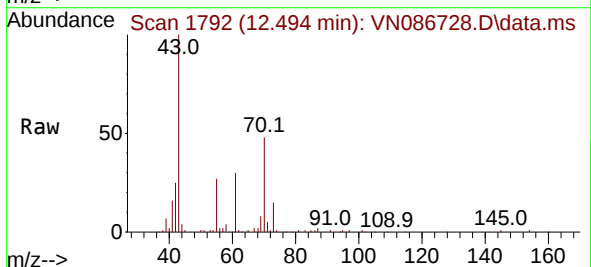
Tgt Ion:105 Resp: 205528
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
APPROVED

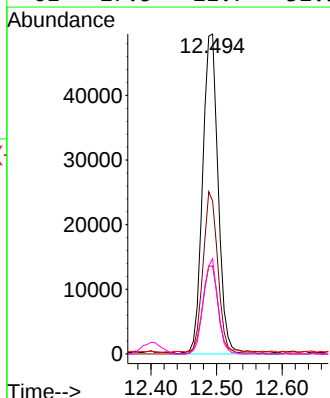
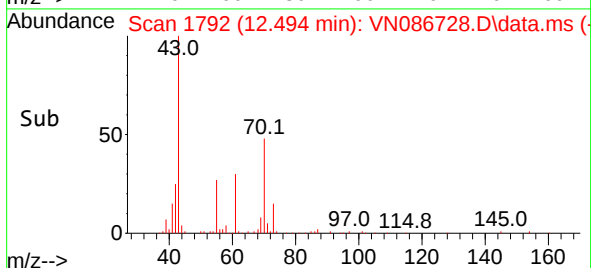
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

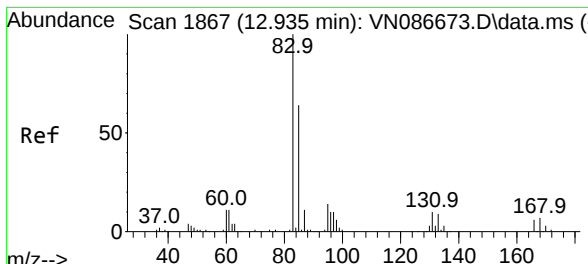


#74
N-ethyl acetate
Concen: 18.176 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion: 43 Resp: 82660
Ion Ratio Lower Upper
43 100
70 48.2 37.9 56.9
55 26.5 20.5 30.7
61 27.5 21.7 32.5



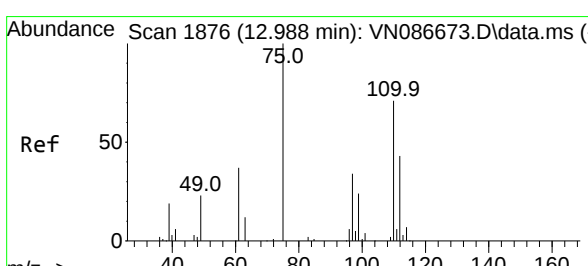
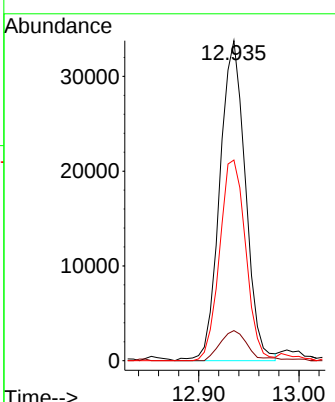
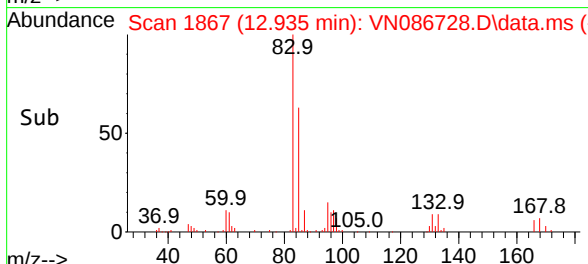
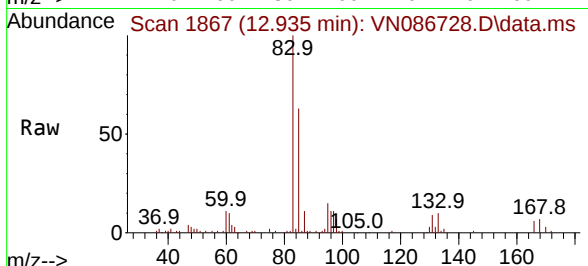


#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.875 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

Instrument : MSVOA_N
 ClientSampleId : VN0521WBSD01

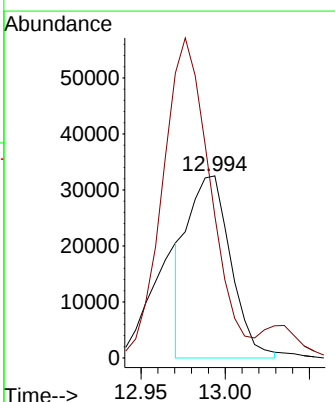
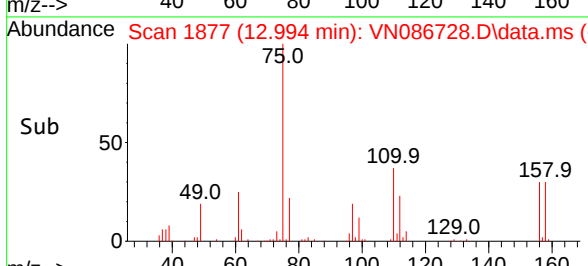
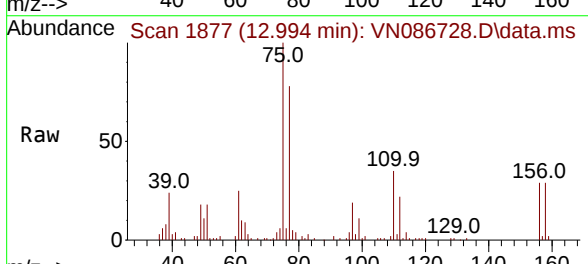
Tgt Ion:	83	Resp:	5977
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	63.9	32.4	97.2

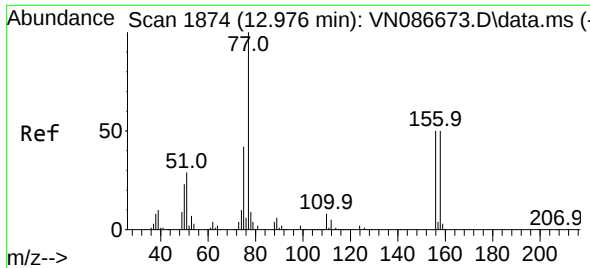
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#76
 1,2,3-Trichloropropane
 Concen: 18.185 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

Tgt Ion:	75	Resp:	57961
Ion Ratio	Lower	Upper	
75	100		
77	195.6	96.0	288.1





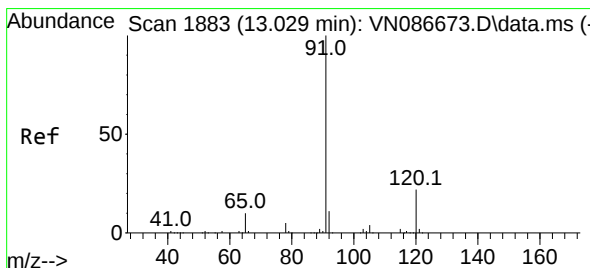
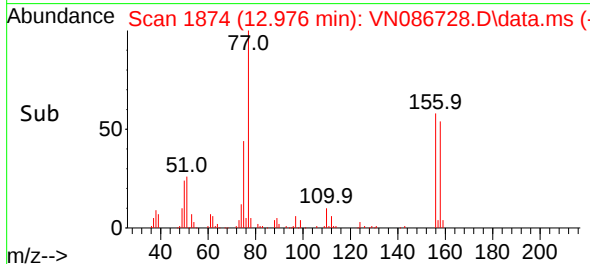
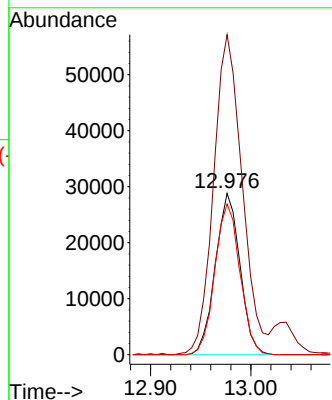
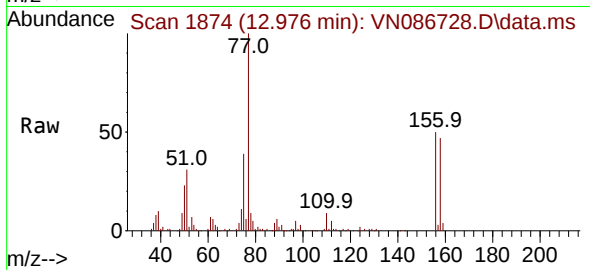
#77
Bromobenzene
Concen: 17.951 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:156 Resp: 49150
Ion Ratio Lower Upper
156 100
77 230.7 113.1 339.2
158 95.2 48.6 145.9

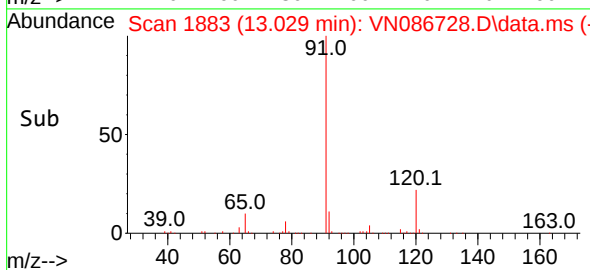
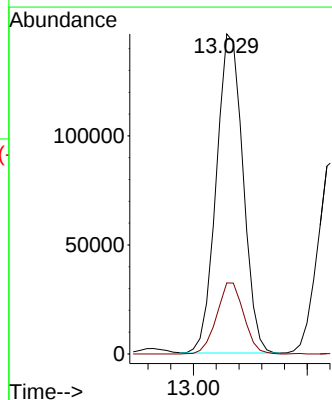
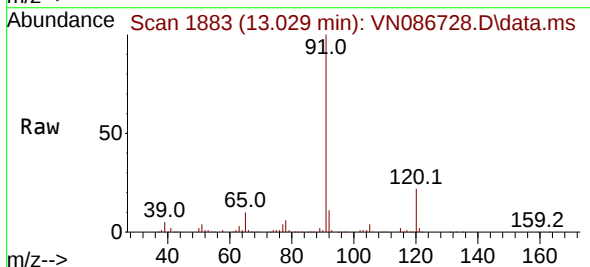
Manual Integrations
APPROVED

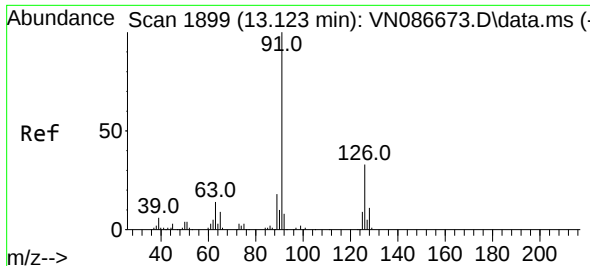
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#78
n-propylbenzene
Concen: 19.170 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion: 91 Resp: 239458
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





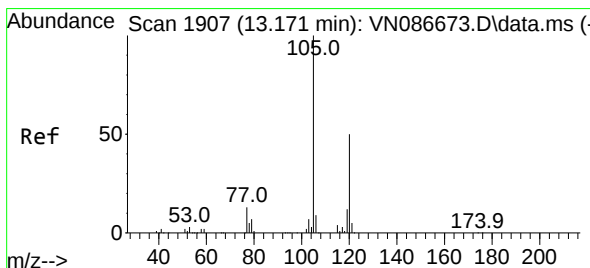
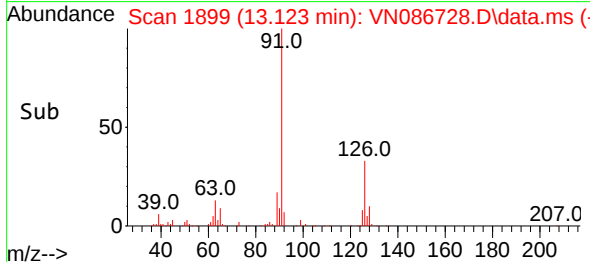
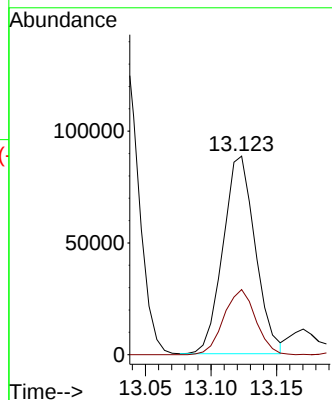
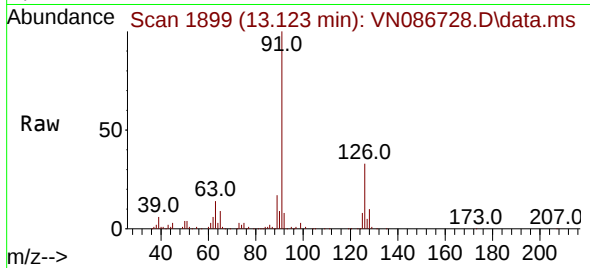
#79
2-Chlorotoluene
Concen: 18.628 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion: 91 Resp: 151300
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

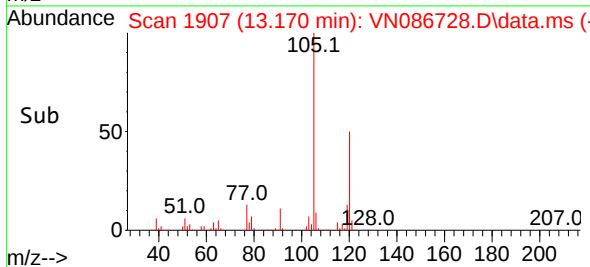
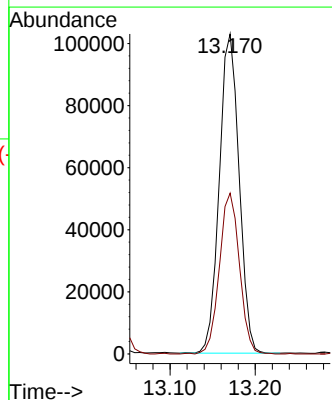
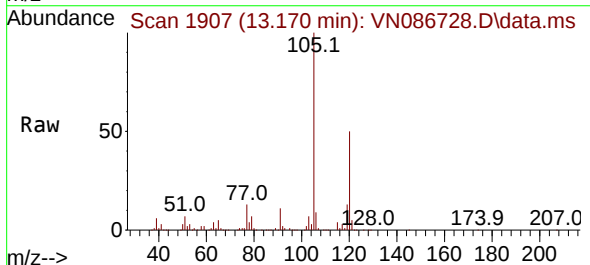
Manual Integrations
APPROVED

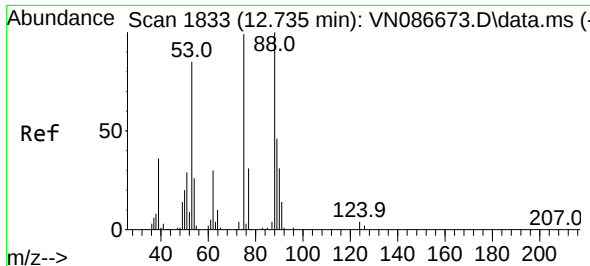
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.015 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

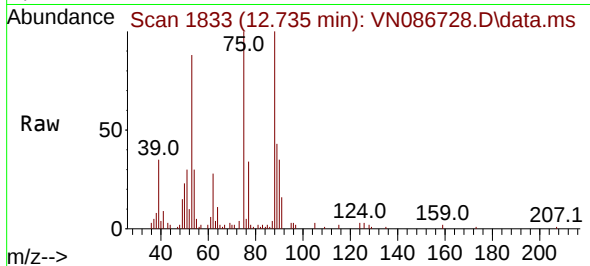
Tgt Ion:105 Resp: 165823
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.620 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

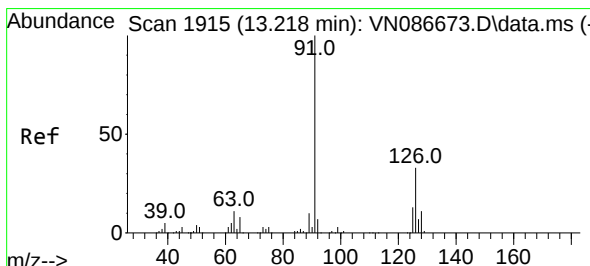
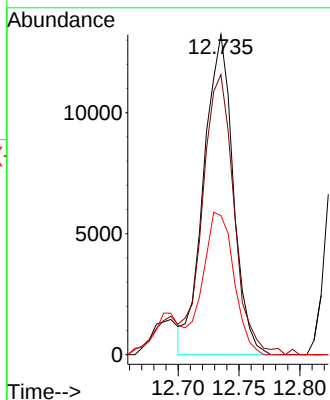
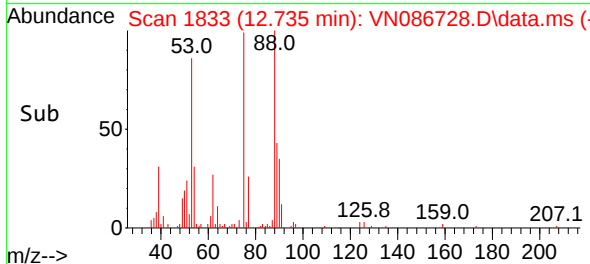
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 75 Resp: 22254
Ion Ratio Lower Upper
75 100
53 104.2 70.4 105.6
89 46.7 32.4 48.6

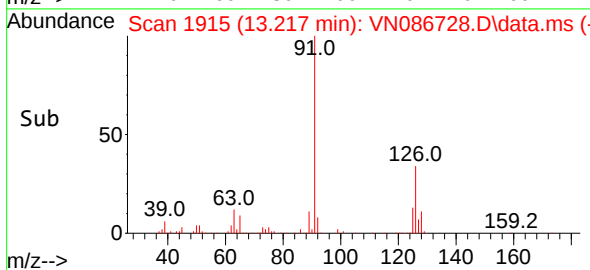
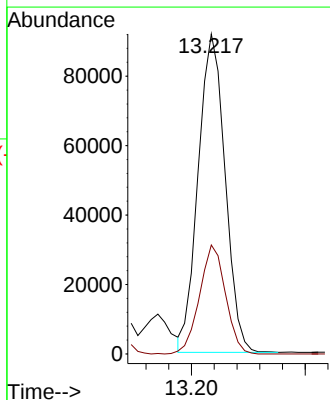
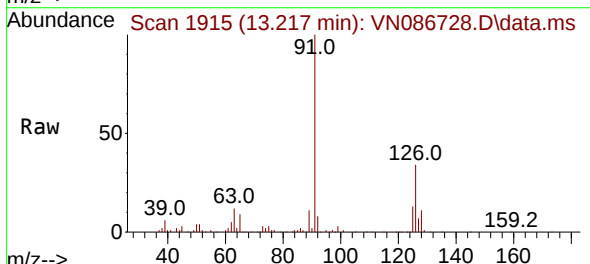
Manual Integrations
APPROVED

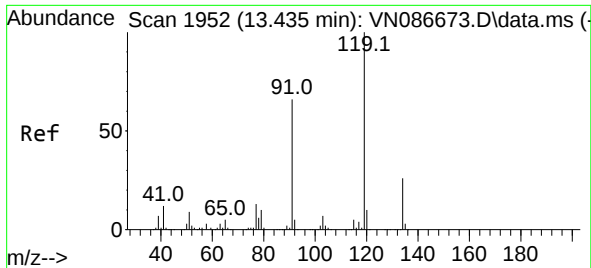
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#82
4-Chlorotoluene
Concen: 18.741 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

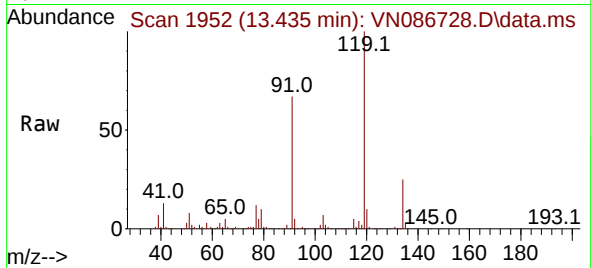
Tgt Ion: 91 Resp: 150800
Ion Ratio Lower Upper
91 100
126 33.0 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.764 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

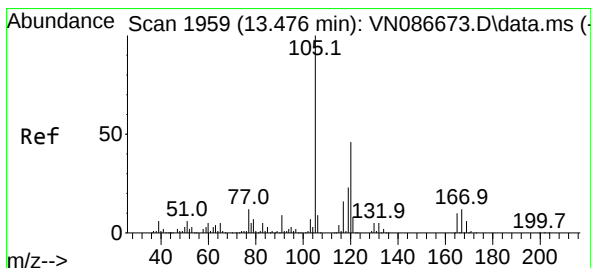
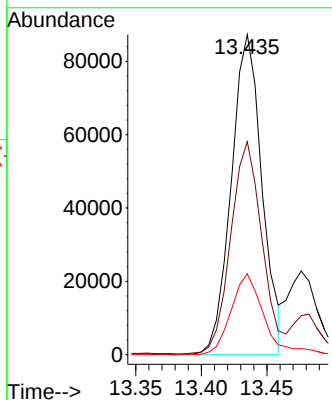
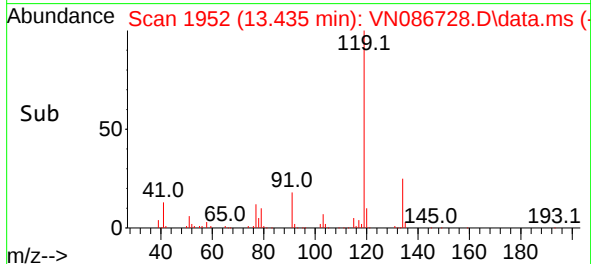
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



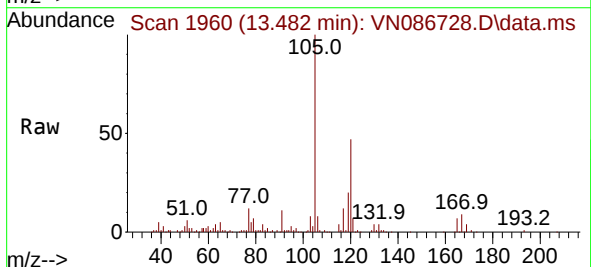
Tgt Ion:119 Resp: 142699
Ion Ratio Lower Upper
119 100
91 67.6 32.9 98.7
134 27.0 13.4 40.1

Manual Integrations
APPROVED

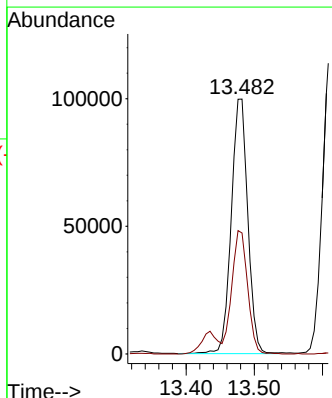
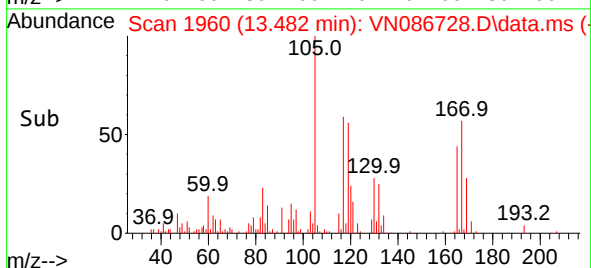
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

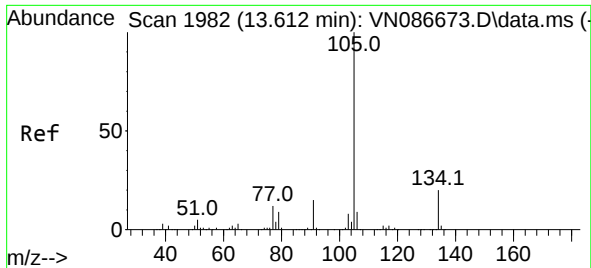


#84
1,2,4-Trimethylbenzene
Concen: 19.346 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion:105 Resp: 168004
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





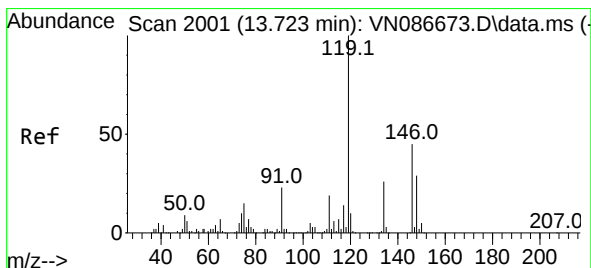
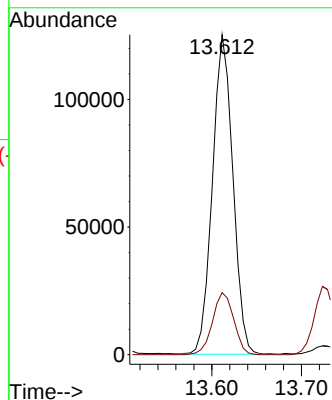
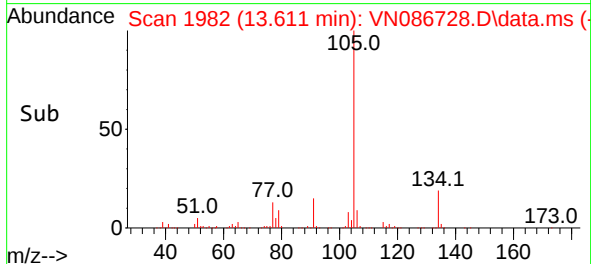
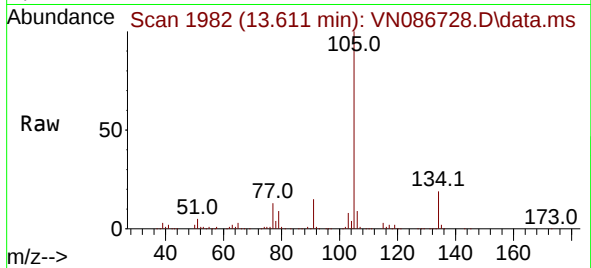
#85
 sec-Butylbenzene
 Concen: 19.417 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

Tgt Ion:105 Resp: 19800
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

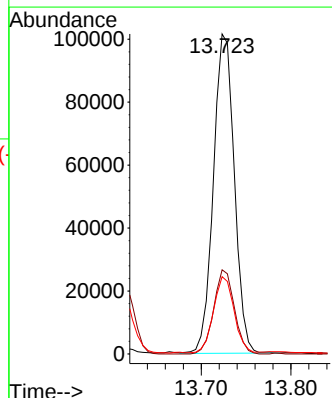
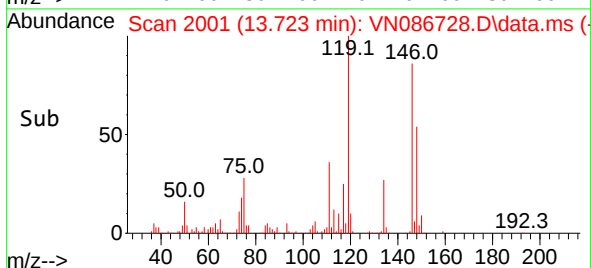
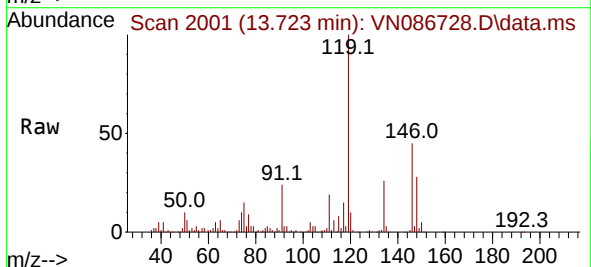
Manual Integrations
 APPROVED

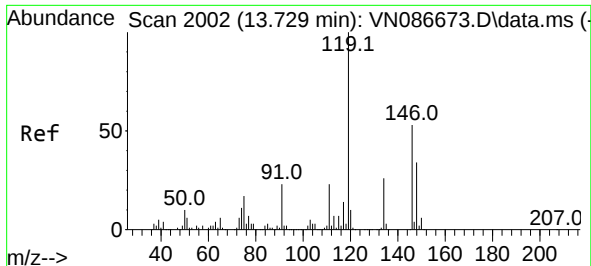
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#86
 p-Isopropyltoluene
 Concen: 19.661 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086728.D
 Acq: 21 May 2025 13:53

Tgt Ion:119 Resp: 164337
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.126 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBSD01

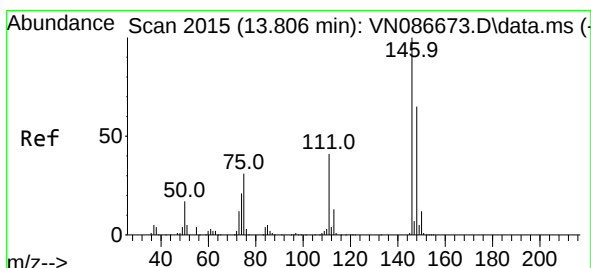
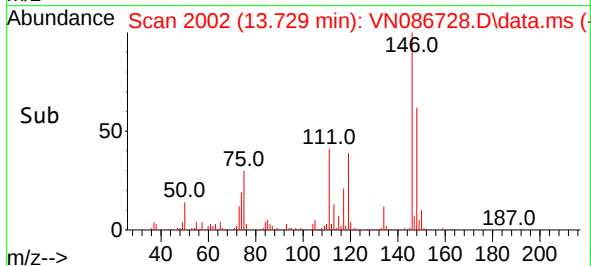
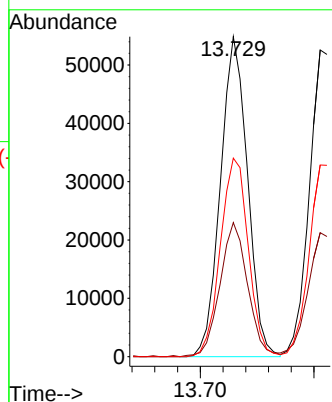
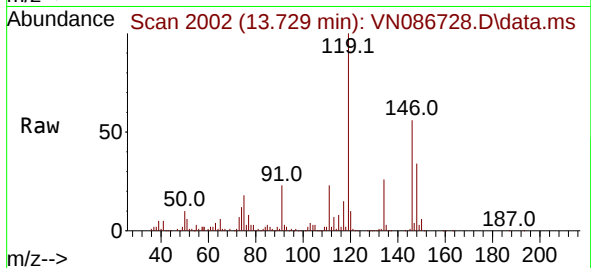
Tgt Ion:146	Resp:	9068
Ion Ratio	Lower	Upper
146	100	
111	43.0	20.9 62.7
148	64.0	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#88

1,4-Dichlorobenzene

Concen: 19.406 ug/l

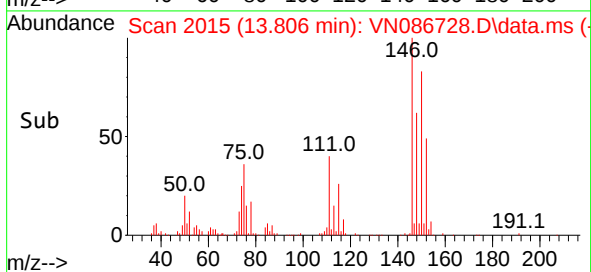
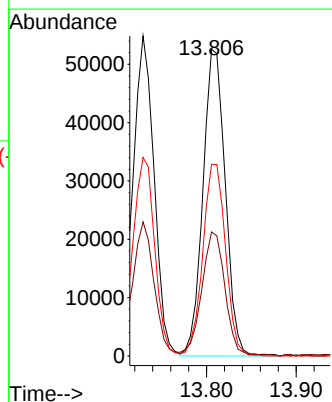
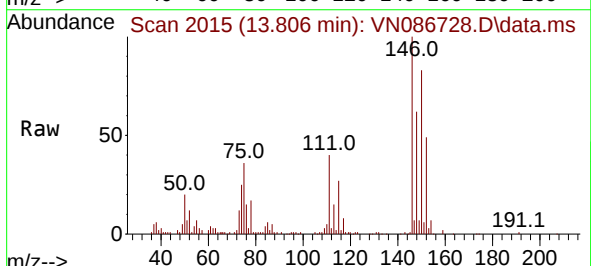
RT: 13.806 min Scan# 2015

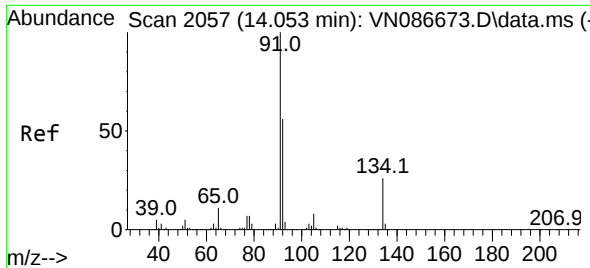
Delta R.T. -0.000 min

Lab File: VN086728.D

Acq: 21 May 2025 13:53

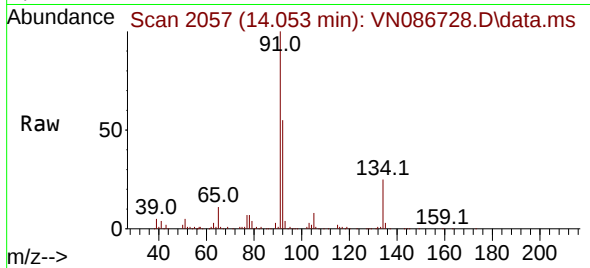
Tgt Ion:146	Resp:	91161
Ion Ratio	Lower	Upper
146	100	
111	42.2	20.6 61.8
148	63.6	32.0 96.0





#89
n-Butylbenzene
Concen: 20.093 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

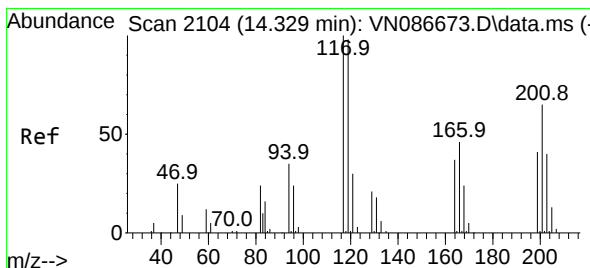
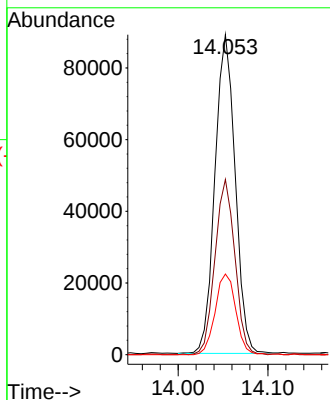
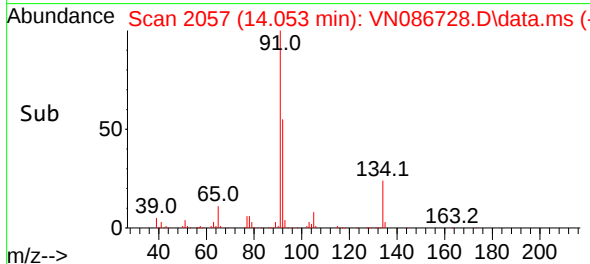
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



Tgt Ion: 91 Resp: 13923
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.0
134 25.9 12.8 38.4

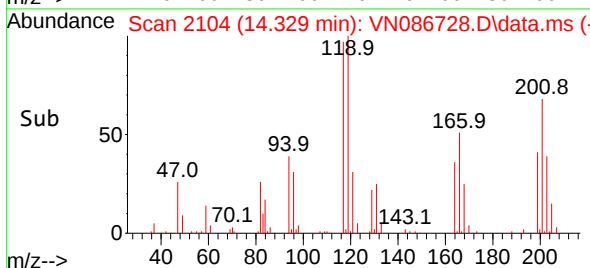
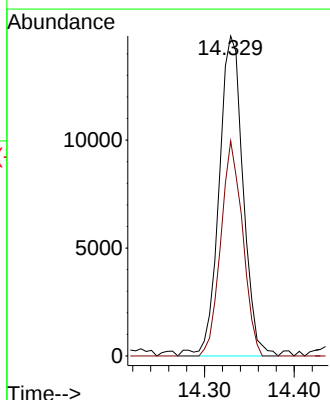
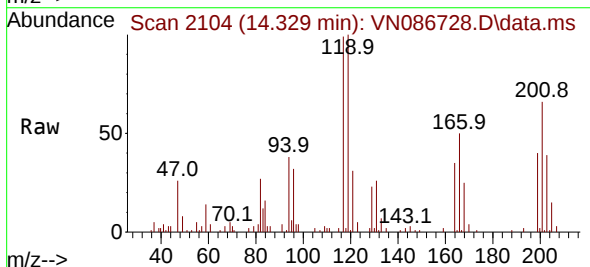
Manual Integrations
APPROVED

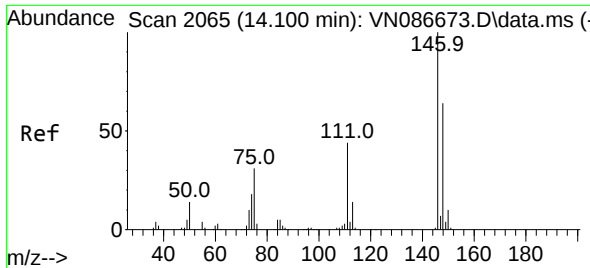
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#90
Hexachloroethane
Concen: 19.837 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Tgt Ion:117 Resp: 27512
Ion Ratio Lower Upper
117 100
201 61.0 32.0 96.0





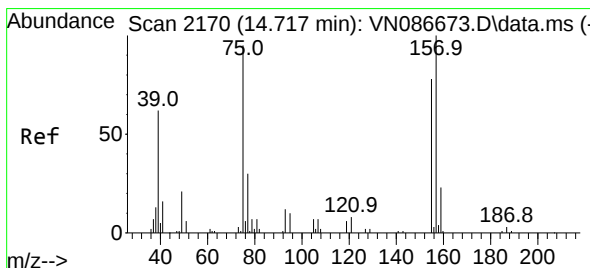
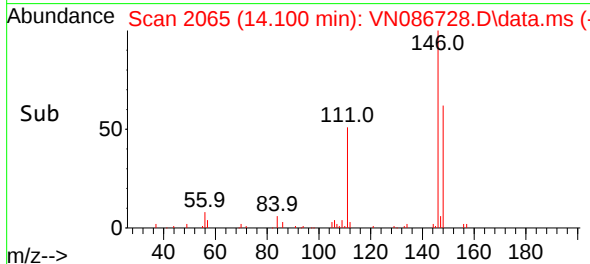
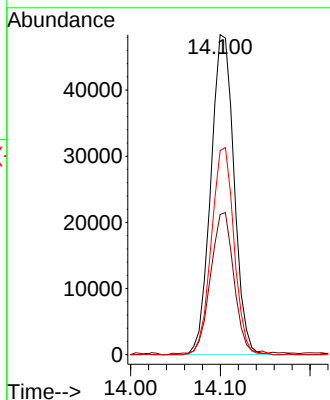
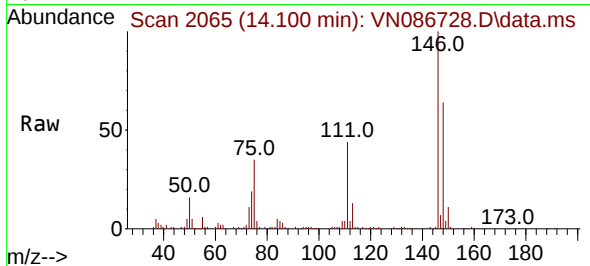
#91
1,2-Dichlorobenzene
Concen: 19.267 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01

Tgt Ion:146 Resp: 86890
Ion Ratio Lower Upper
146 100
111 45.8 21.6 65.0
148 63.2 31.7 95.1

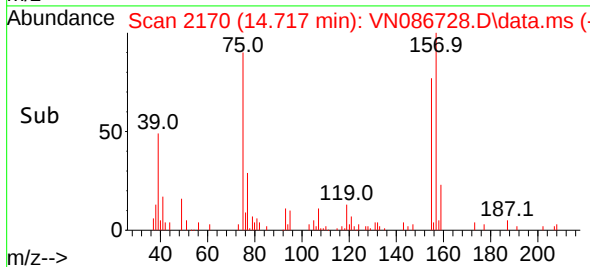
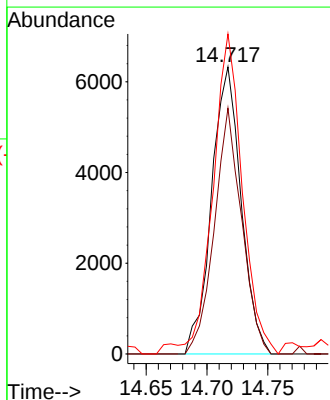
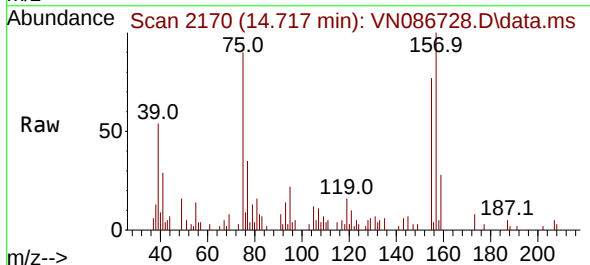
Manual Integrations
APPROVED

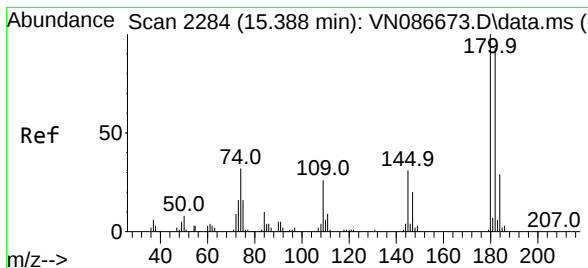
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.250 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

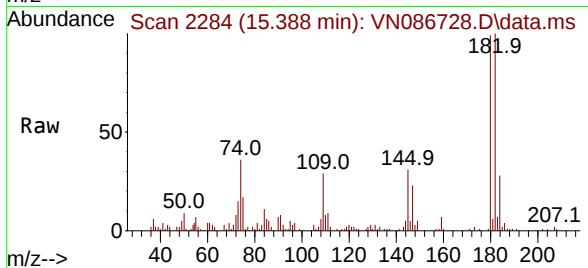
Tgt Ion: 75 Resp: 10664
Ion Ratio Lower Upper
75 100
155 79.4 40.5 121.5
157 112.6 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 19.433 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

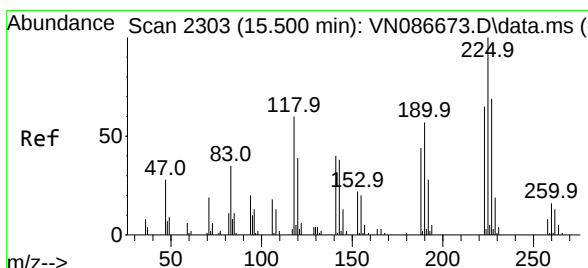
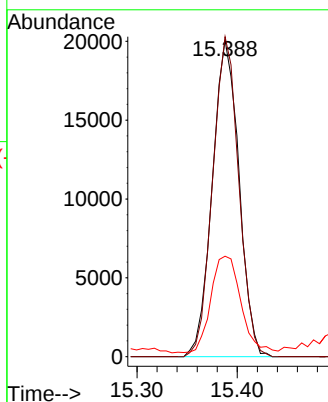
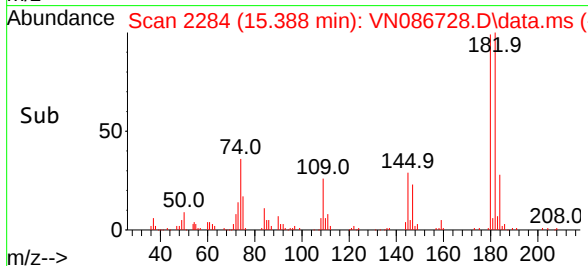
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



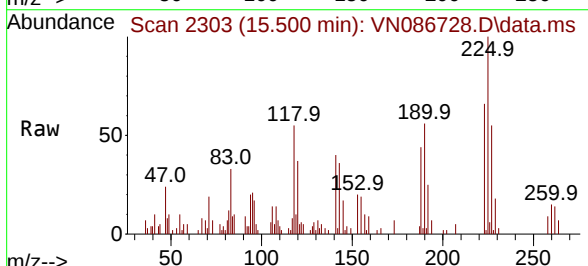
Tgt Ion:180 Resp: 36992
Ion Ratio Lower Upper
180 100
182 98.9 47.1 141.3
145 34.0 15.6 46.8

Manual Integrations
APPROVED

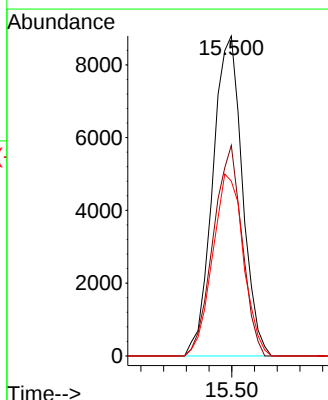
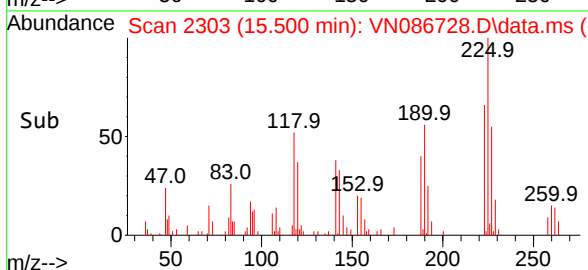
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

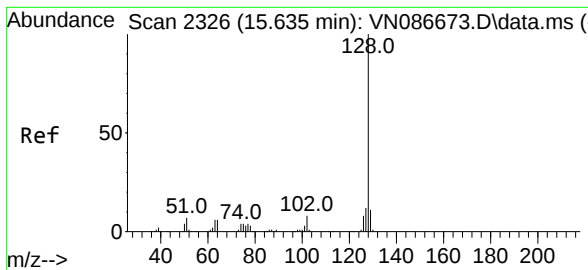


#94
Hexachlorobutadiene
Concen: 20.132 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



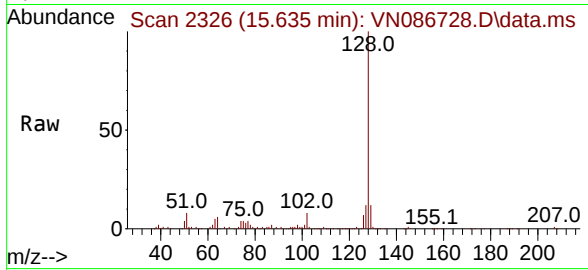
Tgt Ion:225 Resp: 15900
Ion Ratio Lower Upper
225 100
223 63.9 32.9 98.6
227 59.3 32.4 97.2





#95
Naphthalene
Concen: 19.928 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53

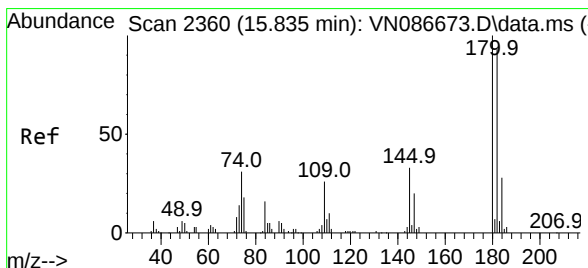
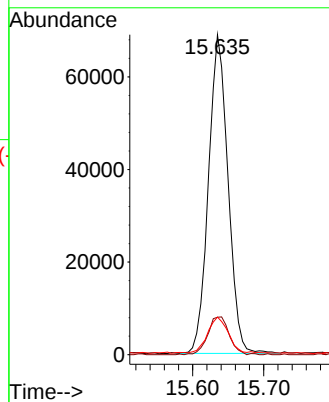
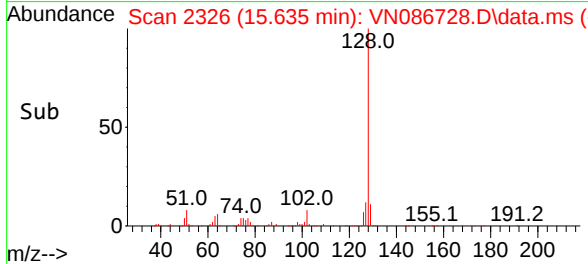
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBSD01



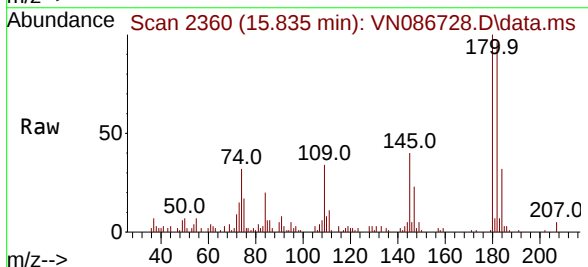
Tgt Ion:128 Resp: 13171
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 12.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.447 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086728.D
Acq: 21 May 2025 13:53



Tgt Ion:180 Resp: 36252
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 36.8 16.7 50.1

