

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086725.D
 Acq On : 21 May 2025 12:32
 Operator : JC\MD
 Sample : VN0521MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Manual Integrations
 APPROVED

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

Quant Time: May 22 01:20:27 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	187953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	134268	51.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.165	113	108136	52.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	10.565	98	446043	52.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.847	95	150485	49.974	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43058	21.213	ug/l	100
3) Chloromethane	2.359	50	60037	19.556	ug/l	97
4) Vinyl Chloride	2.518	62	55426	20.102	ug/l	97
5) Bromomethane	2.959	94	30185	18.991	ug/l	98
6) Chloroethane	3.124	64	34954	19.352	ug/l	98
7) Trichlorofluoromethane	3.500	101	65959	20.018	ug/l	99
8) Diethyl Ether	3.959	74	26994	19.831	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	40561	20.562	ug/l	97
10) Methyl Iodide	4.594	142	44865	18.284	ug/l	98
11) Tert butyl alcohol	5.512	59	42550	89.956	ug/l	100
12) 1,1-Dichloroethene	4.341	96	40364	19.254	ug/l	92
13) Acrolein	4.177	56	41866	82.795	ug/l	97
14) Allyl chloride	5.024	41	62006	19.541	ug/l	95
15) Acrylonitrile	5.718	53	113196	96.653	ug/l	99
16) Acetone	4.424	43	87750	90.323	ug/l	97
17) Carbon Disulfide	4.712	76	114597	19.744	ug/l	98
18) Methyl Acetate	5.018	43	50594	18.607	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	139192	19.500	ug/l	99
20) Methylene Chloride	5.271	84	48131	18.774	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	43140	19.464	ug/l	94
22) Diisopropyl ether	6.671	45	143741	20.080	ug/l	100
23) Vinyl Acetate	6.600	43	514684	95.664	ug/l	99
24) 1,1-Dichloroethane	6.565	63	82259	19.572	ug/l	97
25) 2-Butanone	7.477	43	142910	95.194	ug/l	98
26) 2,2-Dichloropropane	7.488	77	70176	20.233	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	51679	18.996	ug/l	97
28) Bromochloromethane	7.806	49	37400	19.586	ug/l	100
29) Tetrahydrofuran	7.835	42	95108	97.059	ug/l	98
30) Chloroform	7.965	83	81897	19.468	ug/l	100
31) Cyclohexane	8.253	56	75162	19.283	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	69166	19.501	ug/l	98
36) 1,1-Dichloropropene	8.365	75	58951	19.420	ug/l	98
37) Ethyl Acetate	7.553	43	60511	19.734	ug/l	96
38) Carbon Tetrachloride	8.359	117	57894	19.357	ug/l	99
39) Methylcyclohexane	9.594	83	62680	19.078	ug/l	97
40) Benzene	8.606	78	191458	19.334	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30277	18.287	ug/l	97
42) 1,2-Dichloroethane	8.665	62	59668	19.341	ug/l	99
43) Isopropyl Acetate	8.682	43	113441	18.454	ug/l	95
44) Trichloroethene	9.347	130	46262	19.369	ug/l	96
45) 1,2-Dichloropropane	9.618	63	46101	19.598	ug/l	96
46) Dibromomethane	9.706	93	30477	19.200	ug/l	97
47) Bromodichloromethane	9.888	83	64153	19.616	ug/l	99
48) Methyl methacrylate	9.676	41	44505	18.684	ug/l	100
49) 1,4-Dioxane	9.694	88	18377	364.347	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	293682	94.739	ug/l	100
52) Toluene	10.629	92	117394	19.074	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	67881	19.603	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	74205	19.631	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44502	19.384	ug/l	97
56) Ethyl methacrylate	10.870	69	69660	18.897	ug/l	97
57) 1,3-Dichloropropane	11.159	76	76975	19.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	151785	92.132	ug/l	98
59) 2-Hexanone	11.194	43	210511	92.993	ug/l	100
60) Dibromochloromethane	11.353	129	46382	19.277	ug/l	100
61) 1,2-Dibromoethane	11.465	107	43316	18.775	ug/l	100
64) Tetrachloroethene	11.100	164	47421	20.864	ug/l	95
65) Chlorobenzene	11.888	112	128106	19.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	42374	20.175	ug/l	98
67) Ethyl Benzene	11.959	91	217523	19.520	ug/l	98
68) m/p-Xylenes	12.064	106	167445	39.671	ug/l	98
69) o-Xylene	12.394	106	81370	19.391	ug/l	97
70) Styrene	12.406	104	136051	19.803	ug/l	99
71) Bromoform	12.576	173	29216	19.559	ug/l #	96
73) Isopropylbenzene	12.694	105	198561	19.208	ug/l	98
74) N-amyl acetate	12.488	43	81083	18.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	60498	19.049	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	50948m	16.831	ug/l	
77) Bromobenzene	12.976	156	48615	18.695	ug/l	98
78) n-propylbenzene	13.029	91	231786	19.538	ug/l	100
79) 2-Chlorotoluene	13.123	91	149362	19.363	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	164336	19.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21643	18.044	ug/l	96
82) 4-Chlorotoluene	13.217	91	147173	19.258	ug/l	99
83) tert-Butylbenzene	13.435	119	136846	18.947	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	164122	19.899	ug/l	99
85) sec-Butylbenzene	13.611	105	191963	19.821	ug/l	98
86) p-Isopropyltoluene	13.723	119	158111	19.917	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87534	19.439	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	87467	19.605	ug/l	99
89) n-Butylbenzene	14.053	91	131106	19.922	ug/l	98
90) Hexachloroethane	14.329	117	26221	19.908	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	84371	19.699	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10090	19.178	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	34702	19.195	ug/l	99
94) Hexachlorobutadiene	15.494	225	14732	19.641	ug/l	96
95) Naphthalene	15.635	128	112936	17.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	32956	18.615	ug/l	98

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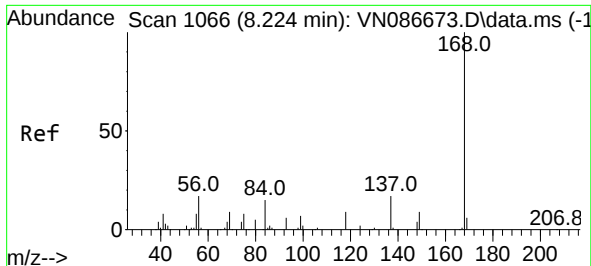
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:20:27 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

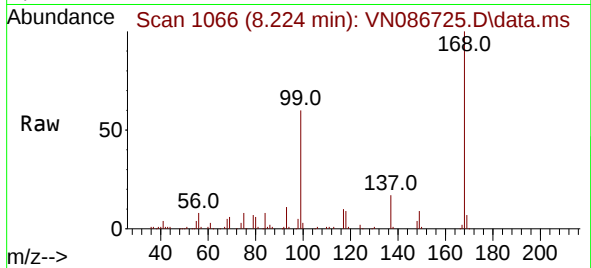
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

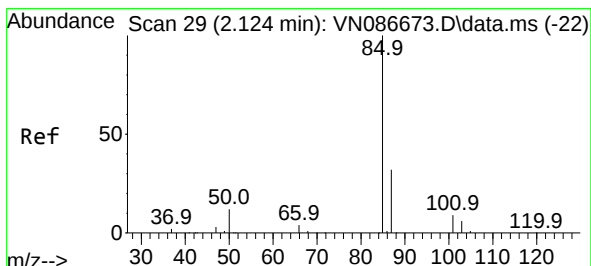
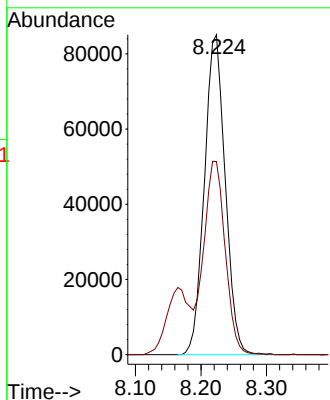
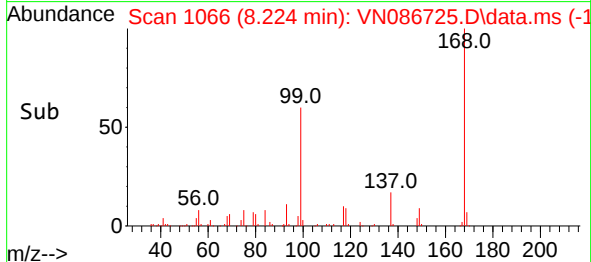
Instrument :
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ClientSampleId :
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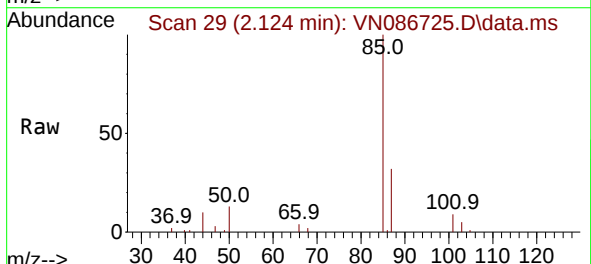
Tgt Ion:168 Resp: 18795
Ion Ratio Lower Upper
168 100
99 60.3 47.0 70.4

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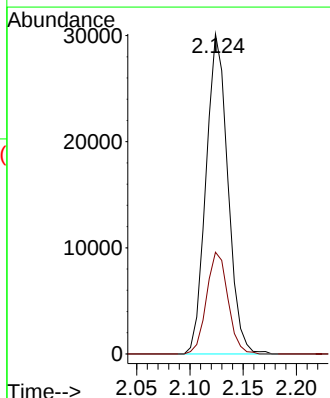
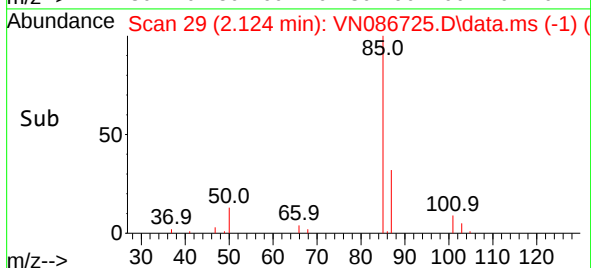
Reviewed By :John Carlone 05/22/2025
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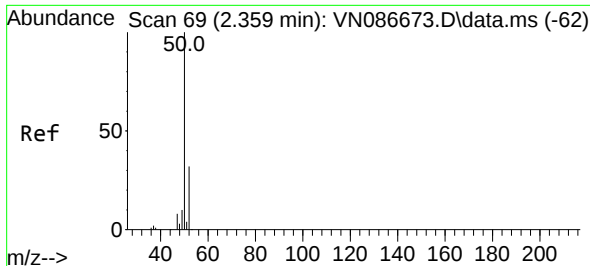


#2
Dichlorodifluoromethane
Concen: 21.213 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



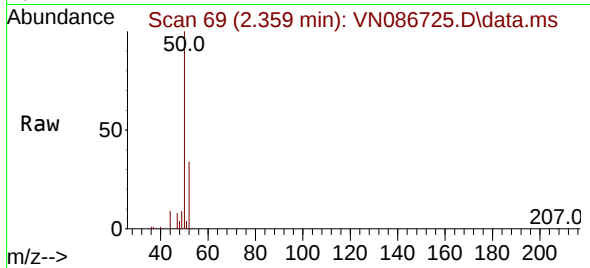
Tgt Ion: 85 Resp: 43058
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.6





#3
Chloromethane
Concen: 19.556 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

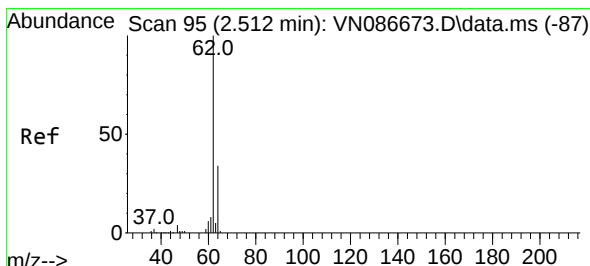
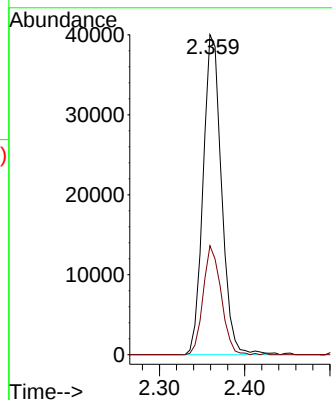
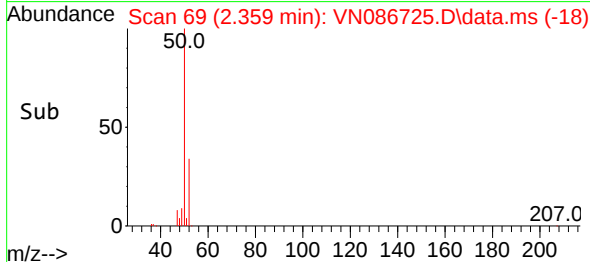
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Tgt Ion: 50 Resp: 6003
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9

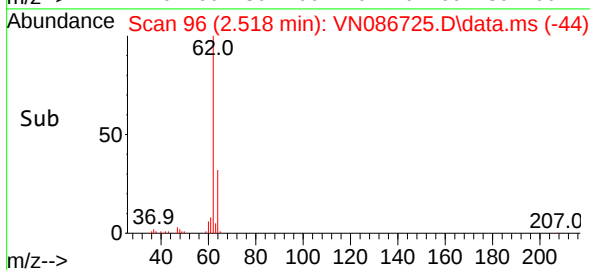
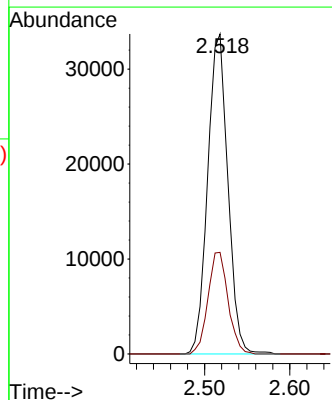
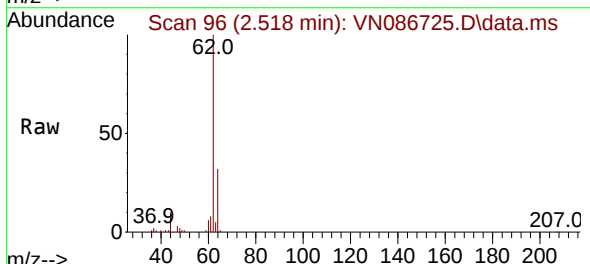
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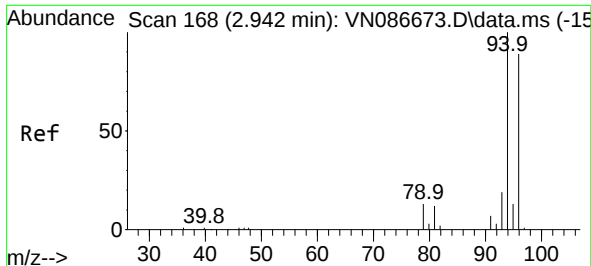
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#4
Vinyl Chloride
Concen: 20.102 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

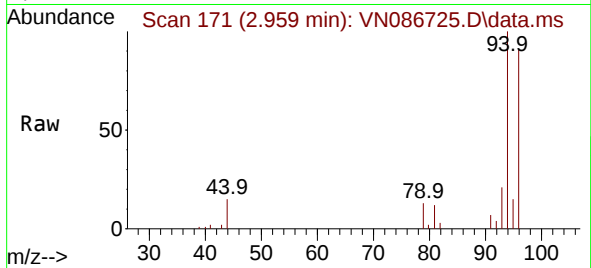
Tgt Ion: 62 Resp: 55426
Ion Ratio Lower Upper
62 100
64 31.7 26.9 40.3





#5
Bromomethane
Concen: 18.991 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

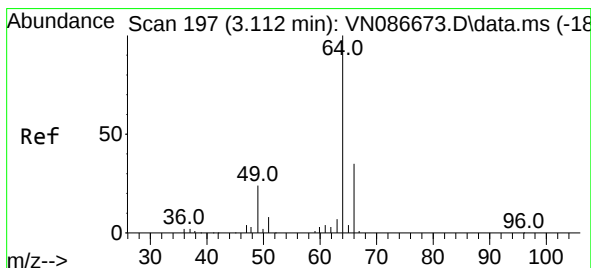
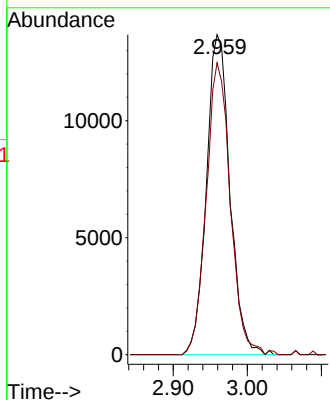
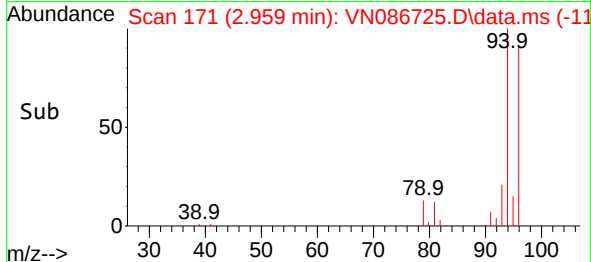
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Tgt Ion: 94 Resp: 3018
Ion Ratio Lower Upper
94 100
96 91.2 71.2 106.8

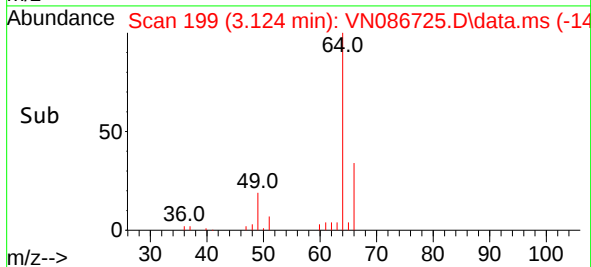
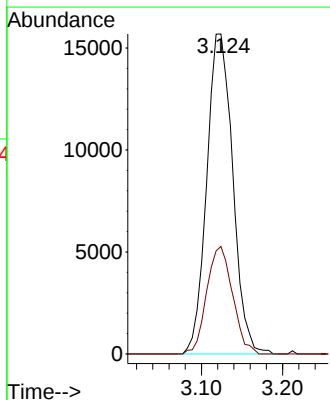
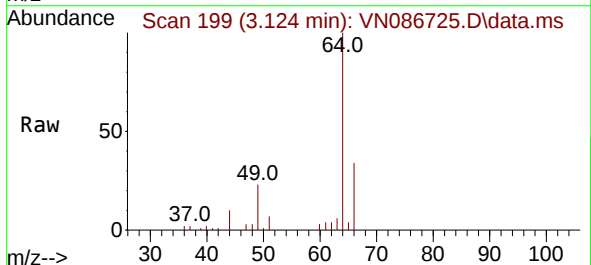
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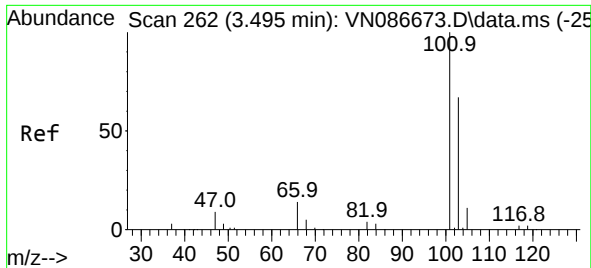
Reviewed By :John Carlone 05/22/2025
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#6
Chloroethane
Concen: 19.352 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

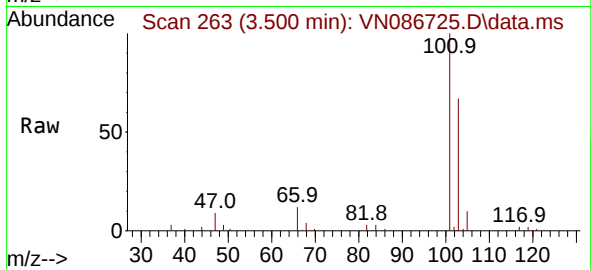
Tgt Ion: 64 Resp: 34954
Ion Ratio Lower Upper
64 100
66 33.6 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 20.018 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

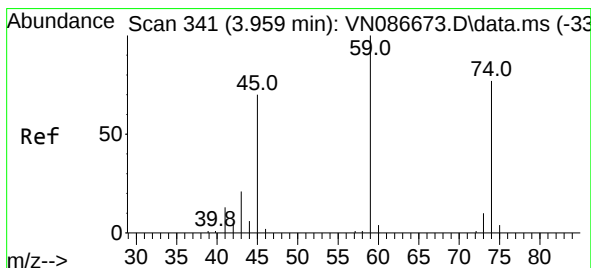
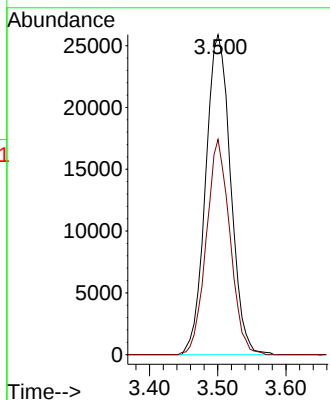
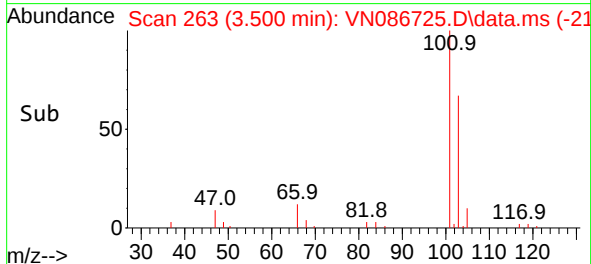
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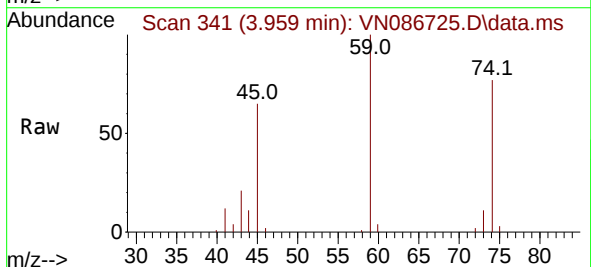
Tgt Ion:101 Resp: 65959
 Ion Ratio Lower Upper
 101 100
 103 67.2 53.4 80.0

Manual Integrations
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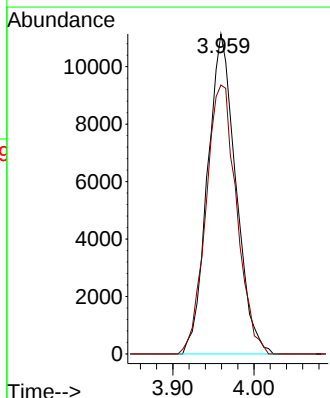
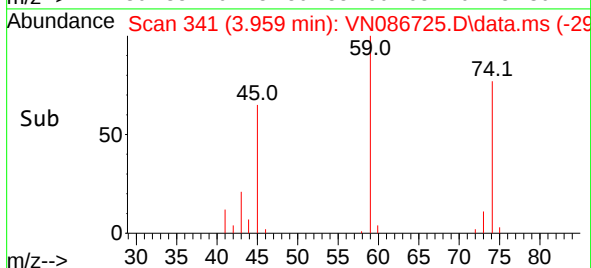
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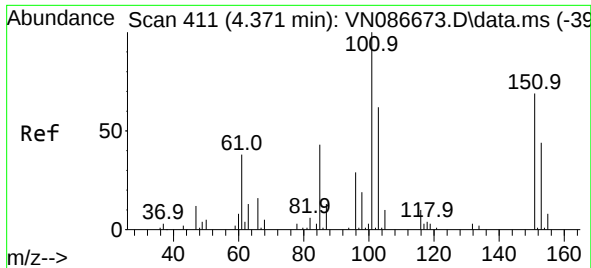


#8
 Diethyl Ether
 Concen: 19.831 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32



Tgt Ion: 74 Resp: 26994
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.0 135.0





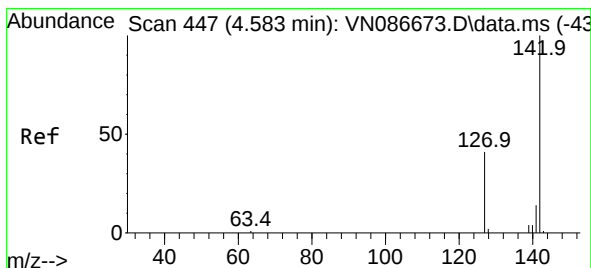
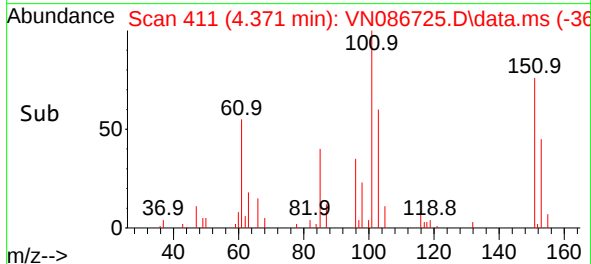
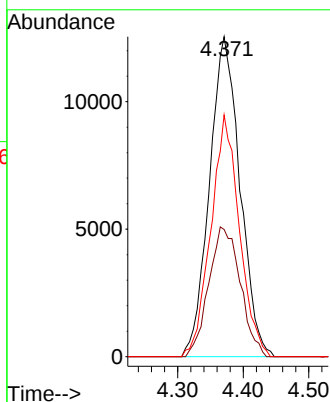
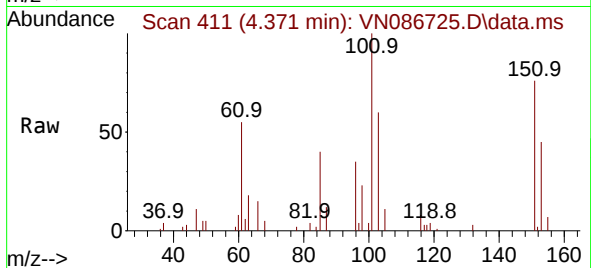
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.562 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:101 Resp: 4056
Ion Ratio Lower Upper
101 100
85 41.8 35.0 52.6
151 70.5 58.1 87.1

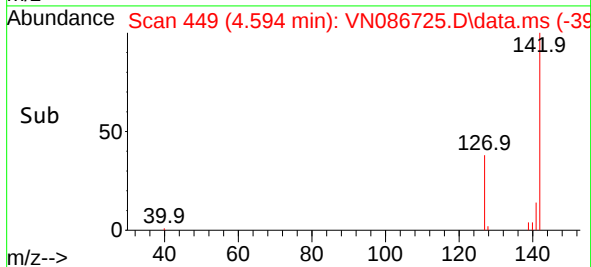
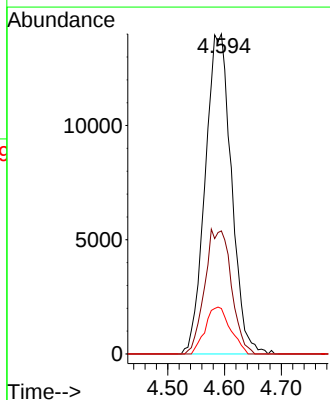
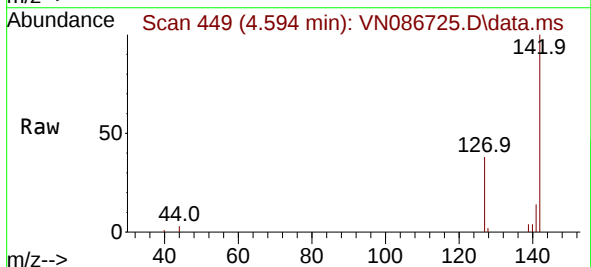
Manual Integrations
APPROVED

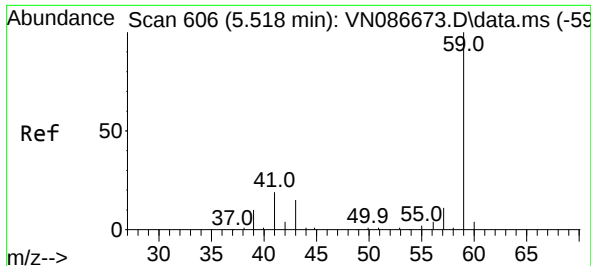
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 18.284 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

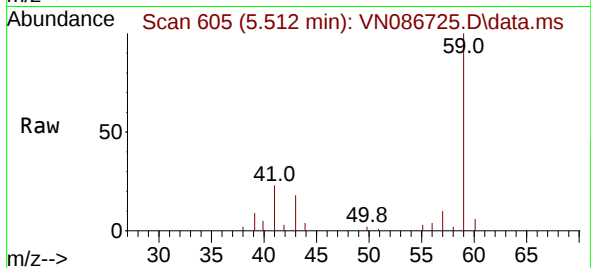
Tgt Ion:142 Resp: 44865
Ion Ratio Lower Upper
142 100
127 38.5 32.4 48.6
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 89.956 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

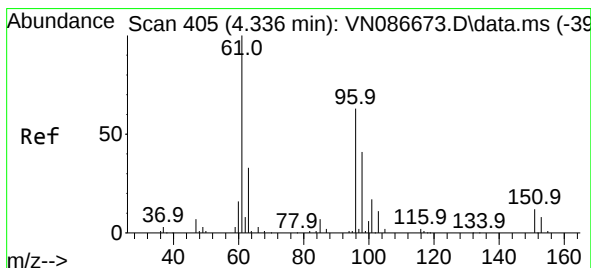
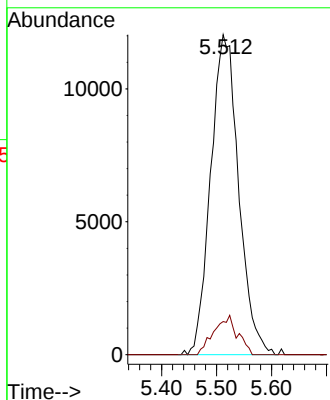
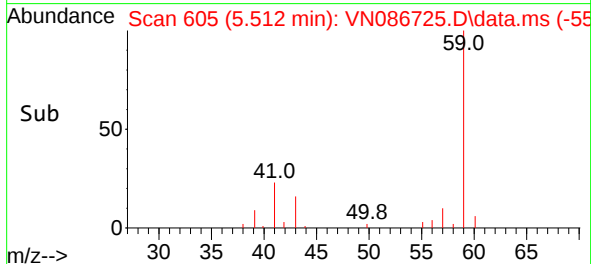
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



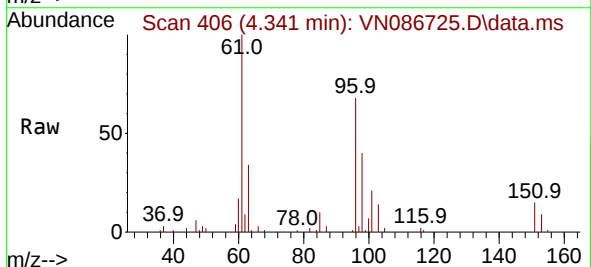
Tgt Ion: 59 Resp: 42550
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

Manual Integrations
APPROVED

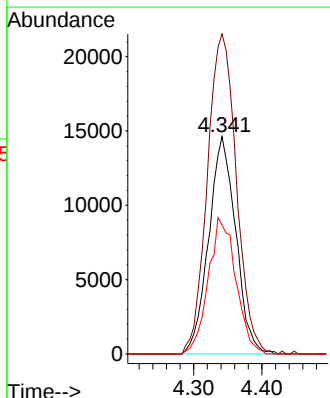
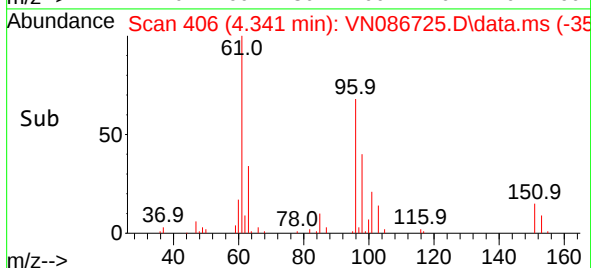
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#12
1,1-Dichloroethene
Concen: 19.254 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



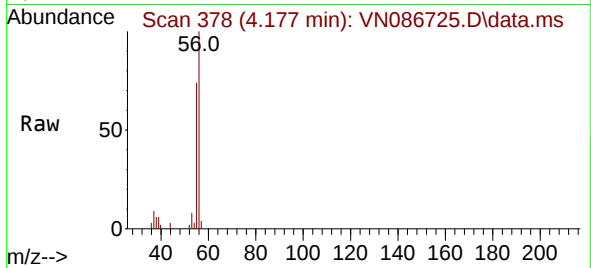
Tgt Ion: 96 Resp: 40364
Ion Ratio Lower Upper
96 100
61 147.2 126.2 189.2
98 59.3 51.5 77.3





#13
Acrolein
Concen: 82.795 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

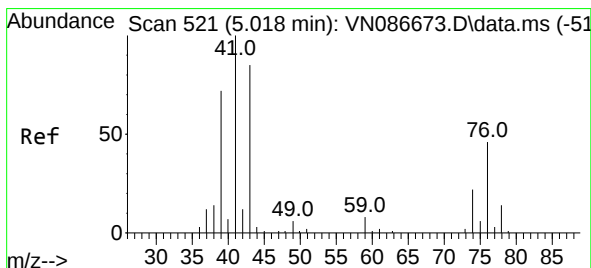
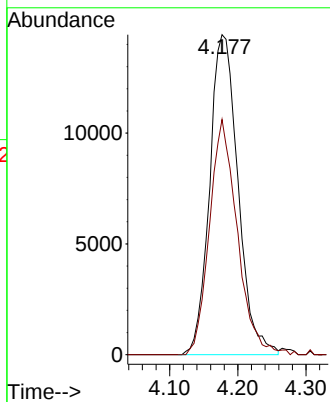
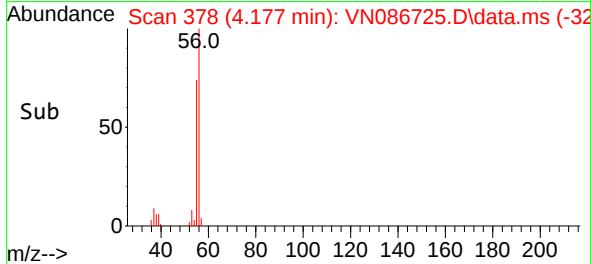
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



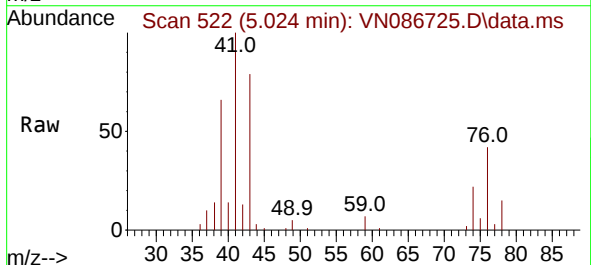
Tgt Ion: 56 Resp: 4186
Ion Ratio Lower Upper
56 100
55 72.1 55.7 83.5

Manual Integrations
APPROVED

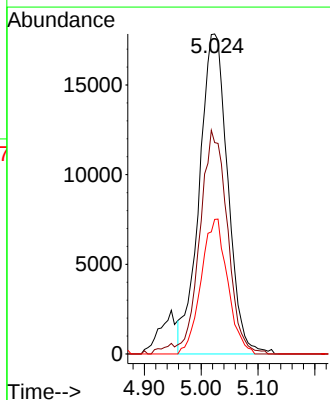
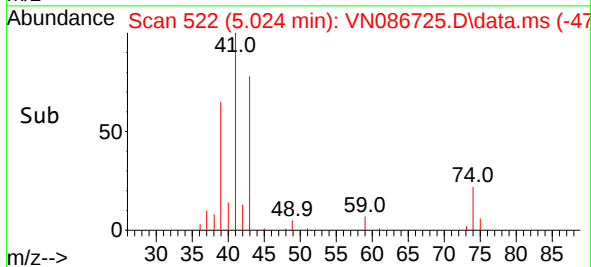
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

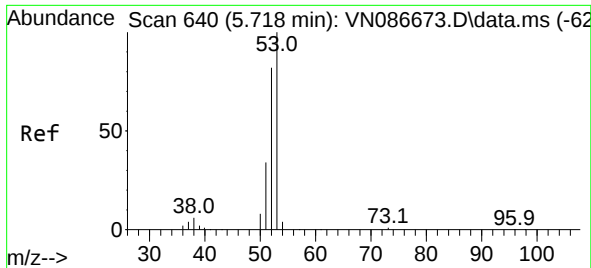


#14
Allyl chloride
Concen: 19.541 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



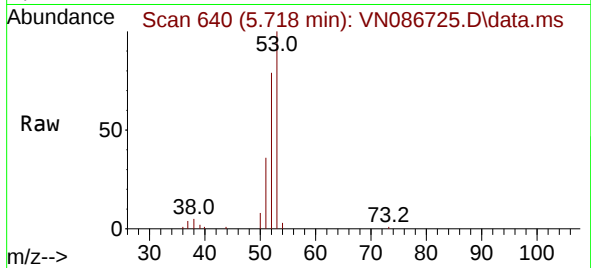
Tgt Ion: 41 Resp: 62006
Ion Ratio Lower Upper
41 100
39 67.4 57.4 86.0
76 39.2 33.2 49.8





#15
Acrylonitrile
Concen: 96.653 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

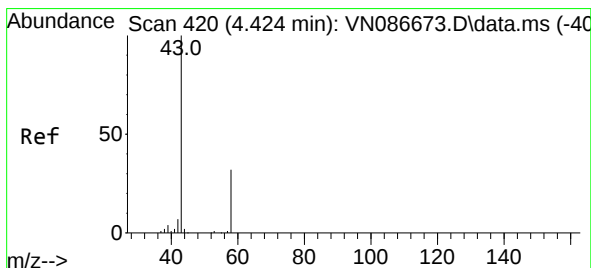
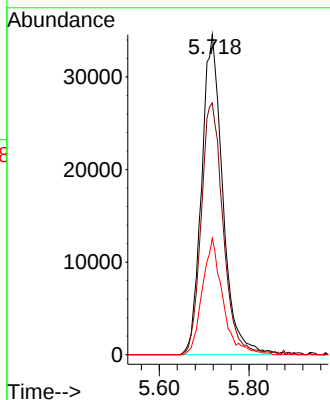
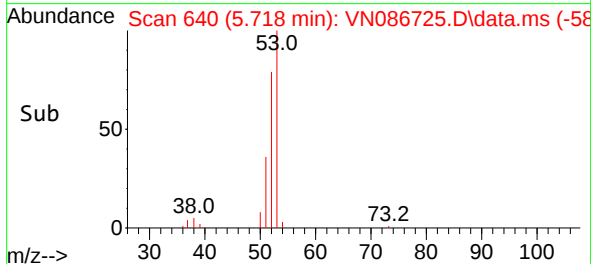
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



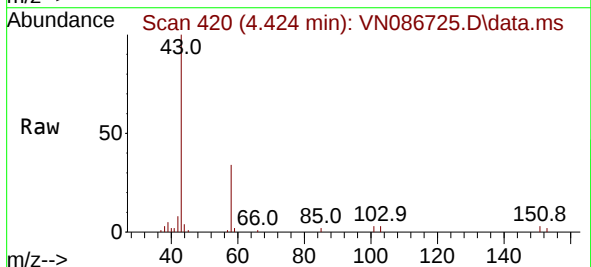
Tgt Ion: 53 Resp: 113190
Ion Ratio Lower Upper
53 100
52 81.2 65.4 98.2
51 35.1 27.9 41.9

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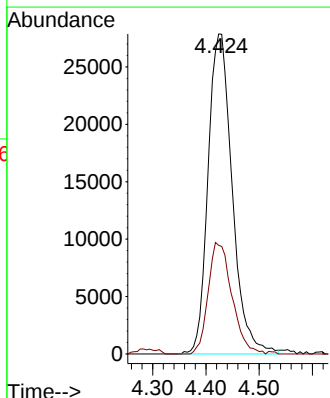
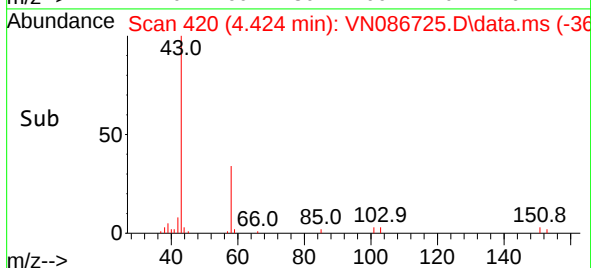
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

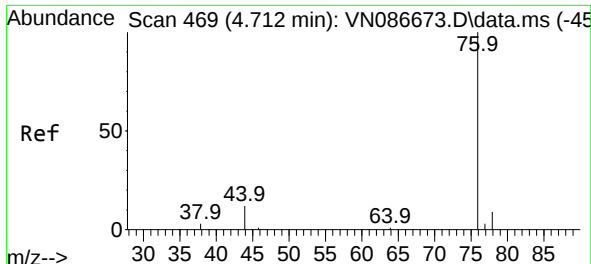


#16
Acetone
Concen: 90.323 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



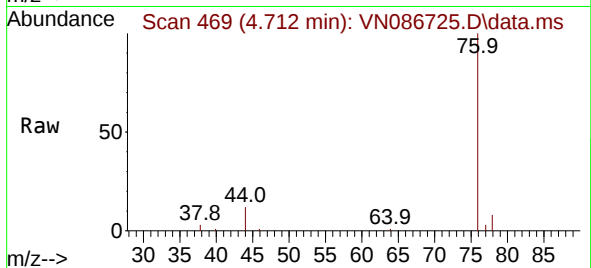
Tgt Ion: 43 Resp: 87750
Ion Ratio Lower Upper
43 100
58 33.9 25.8 38.6





#17
Carbon Disulfide
Concen: 19.744 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

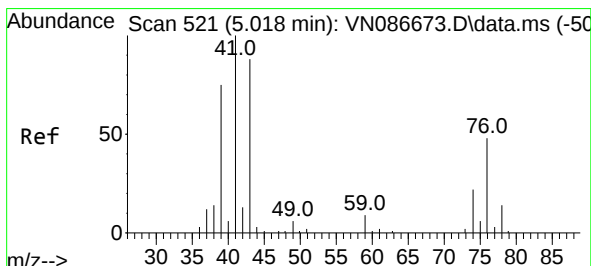
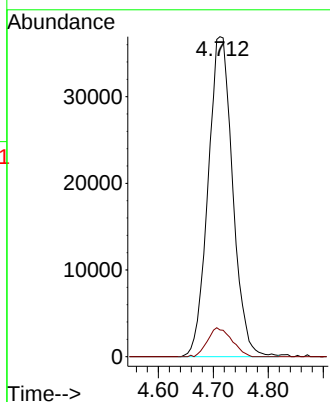
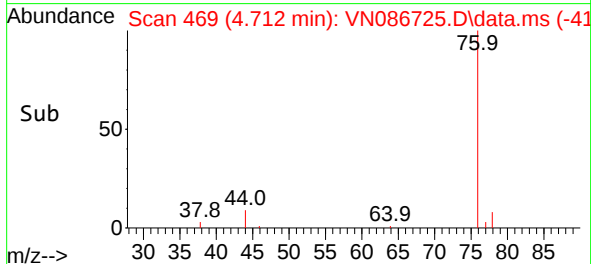
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



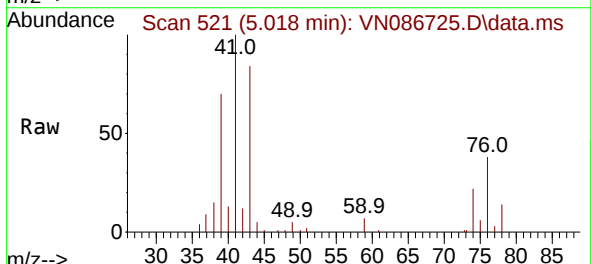
Tgt Ion: 76 Resp: 11459
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

Manual Integrations
APPROVED

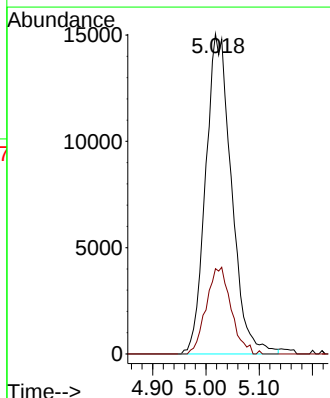
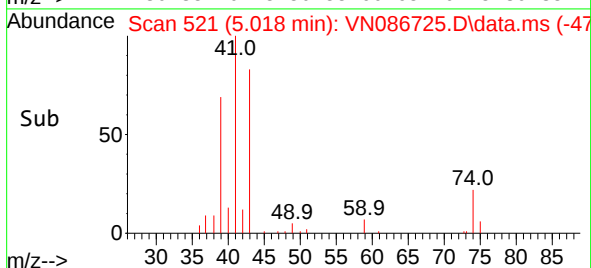
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

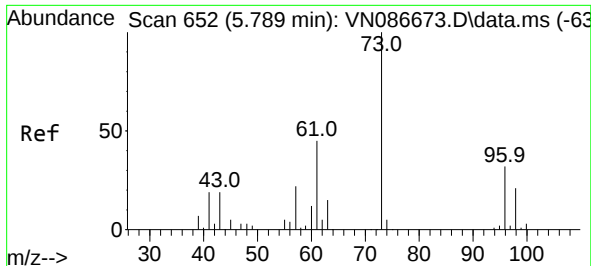


#18
Methyl Acetate
Concen: 18.607 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



Tgt Ion: 43 Resp: 50594
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7





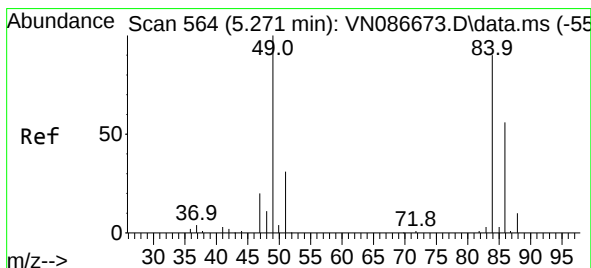
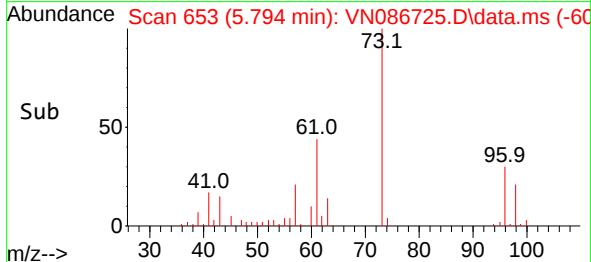
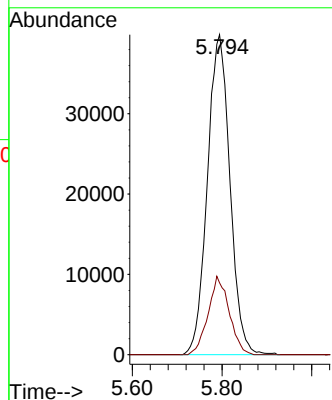
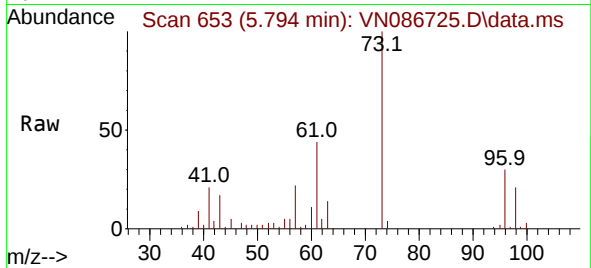
#19
Methyl tert-butyl Ether
Concen: 19.500 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion: 73 Resp: 139192
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

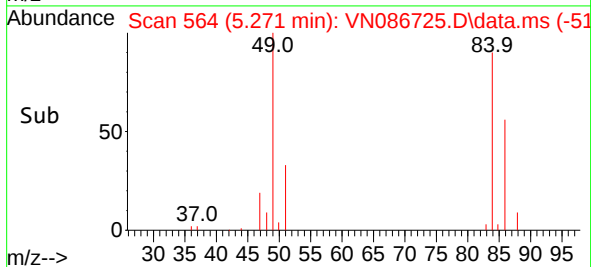
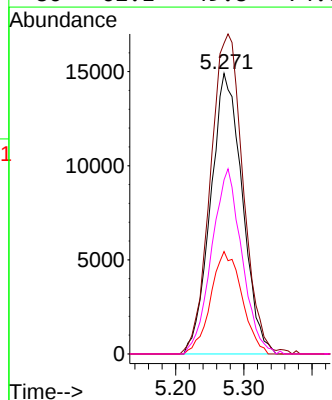
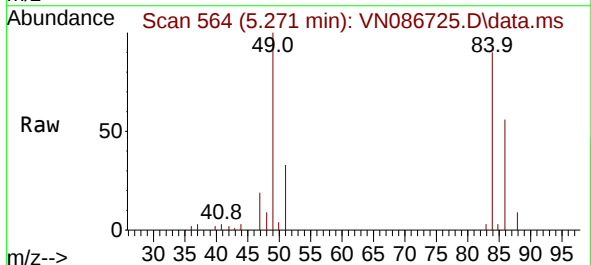
Manual Integrations
APPROVED

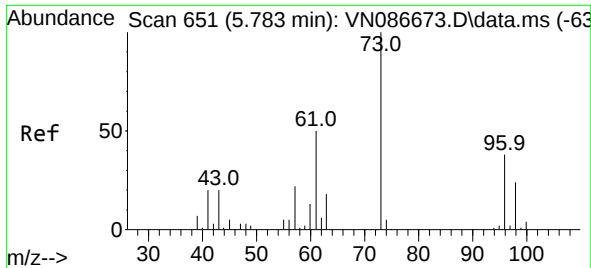
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 18.774 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

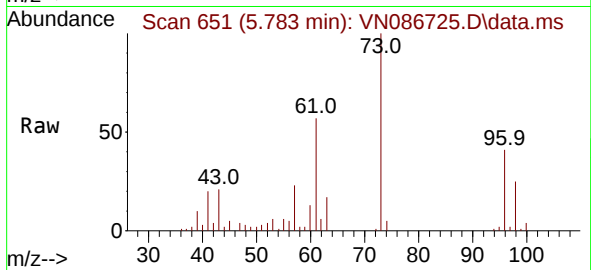
Tgt Ion: 84 Resp: 48131
Ion Ratio Lower Upper
84 100
49 110.8 88.8 133.2
51 36.5 27.8 41.6
86 62.1 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 19.464 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

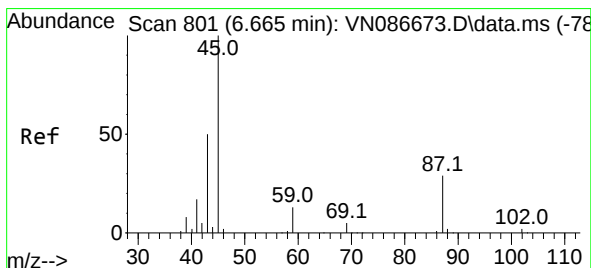
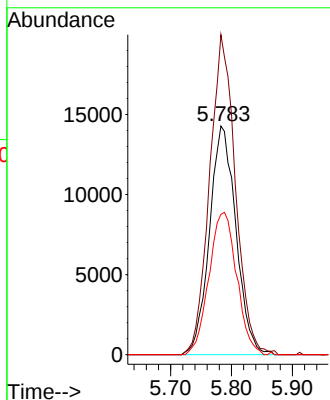
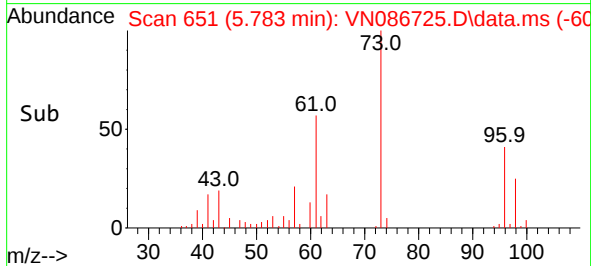
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 96 Resp: 43140
Ion Ratio Lower Upper
96 100
61 140.0 105.7 158.5
98 61.4 51.0 76.6

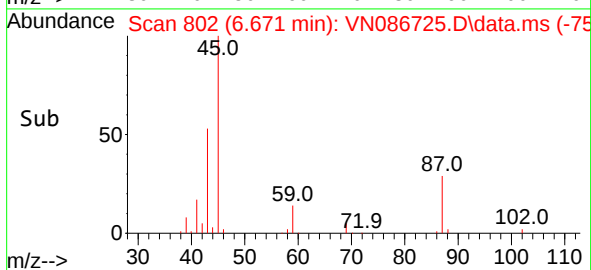
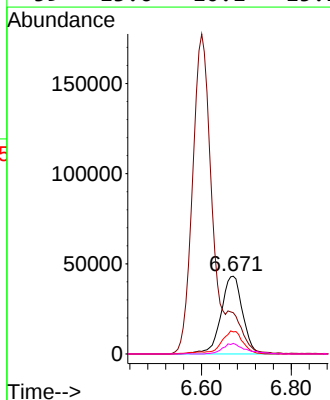
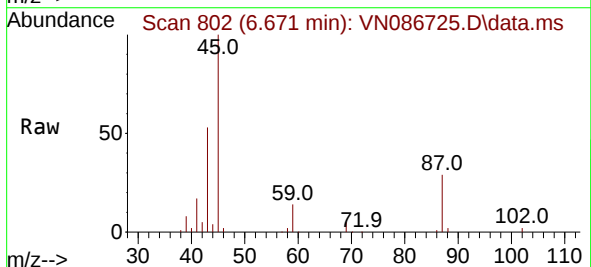
Manual Integrations
APPROVED

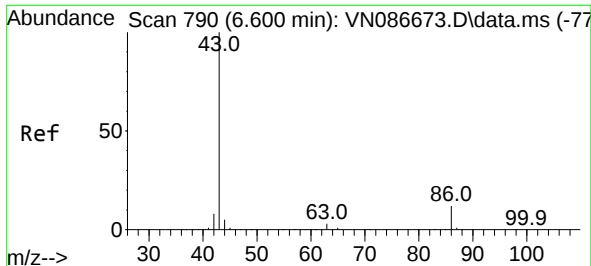
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 20.080 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

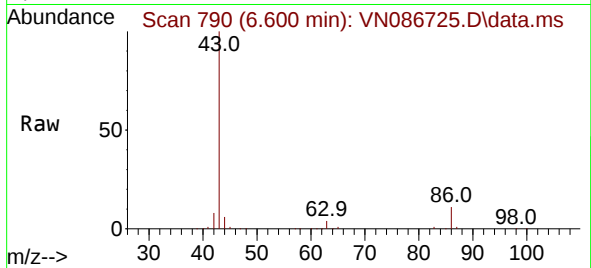
Tgt Ion: 45 Resp: 143741
Ion Ratio Lower Upper
45 100
43 51.7 41.4 62.2
87 28.5 22.9 34.3
59 13.6 10.1 15.1





#23
 Vinyl Acetate
 Concen: 95.664 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

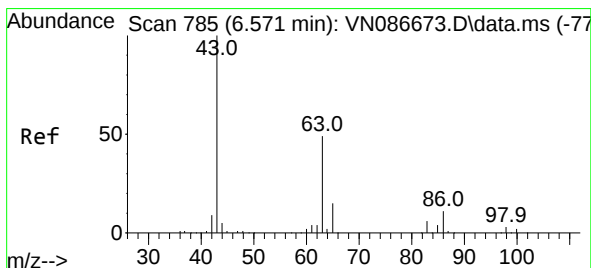
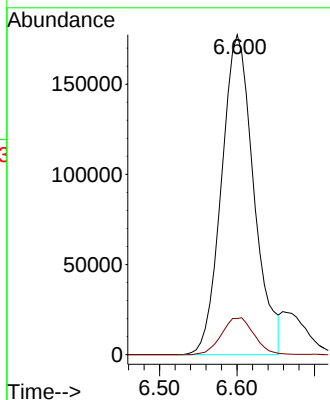
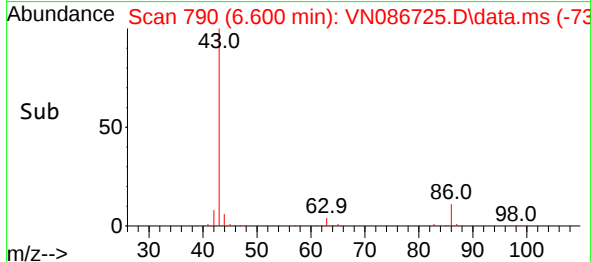
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01



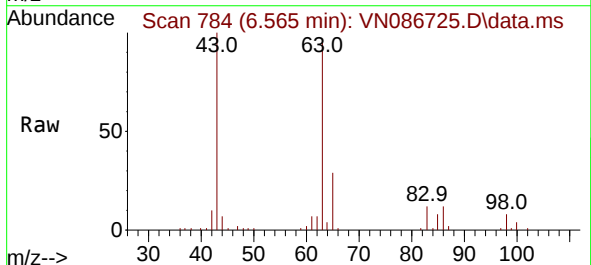
Tgt Ion: 43 Resp: 514684
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.5 14.3

Manual Integrations
 APPROVED

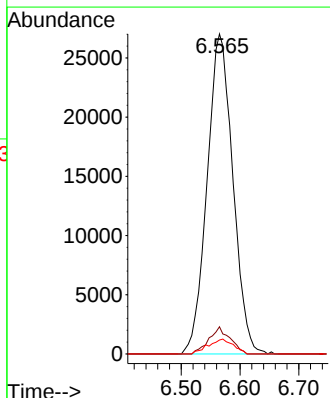
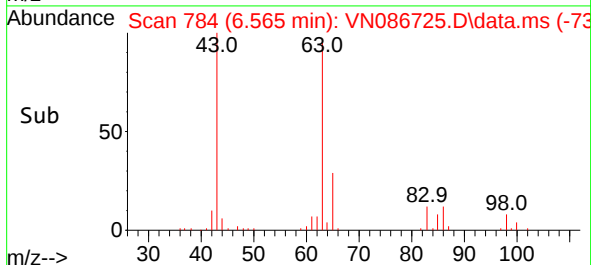
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#24
 1,1-Dichloroethane
 Concen: 19.572 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32



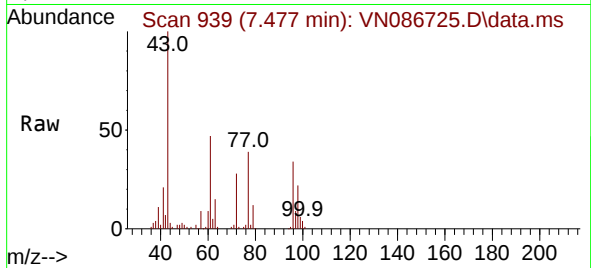
Tgt Ion: 63 Resp: 82259
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.4 10.2
 100 4.4 2.4 7.1





#25
2-Butanone
Concen: 95.194 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

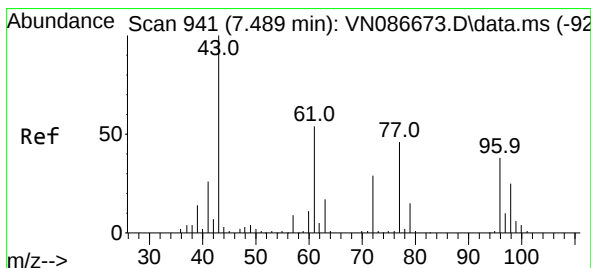
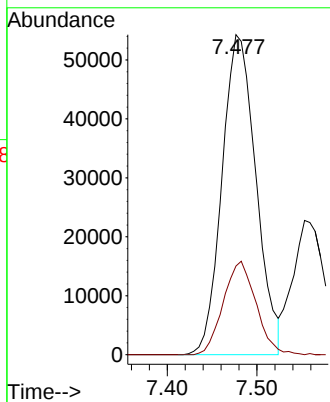
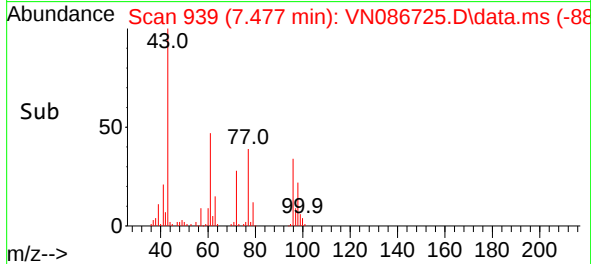
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 43 Resp: 142910
Ion Ratio Lower Upper
43 100
72 27.7 23.1 34.7

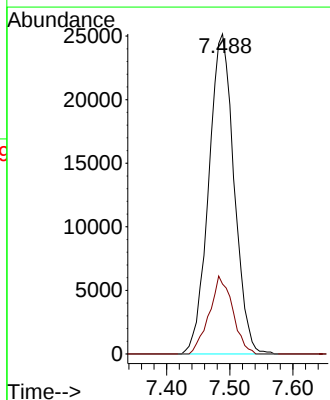
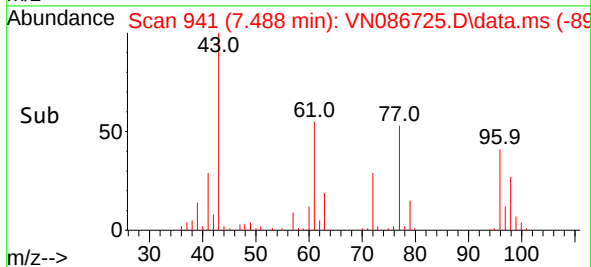
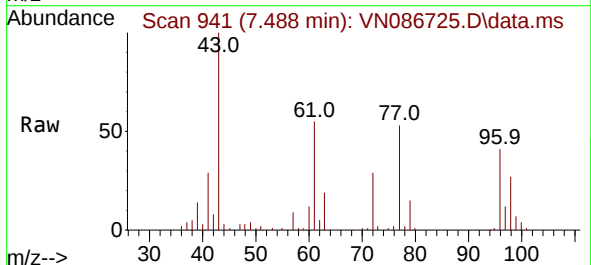
Manual Integrations
APPROVED

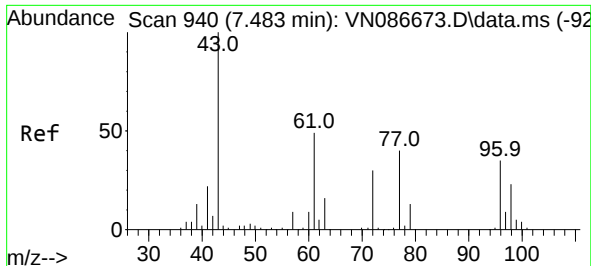
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
2,2-Dichloropropane
Concen: 20.233 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

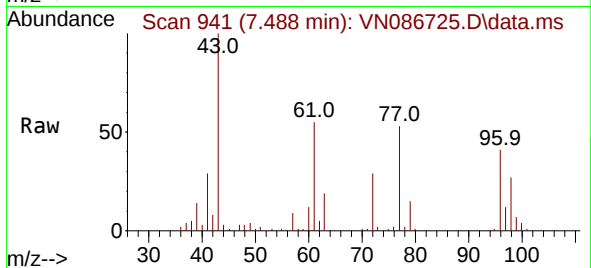
Tgt Ion: 77 Resp: 70176
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.996 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

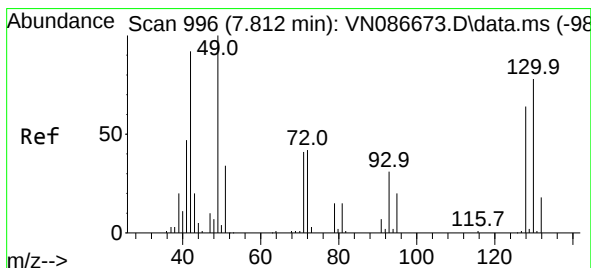
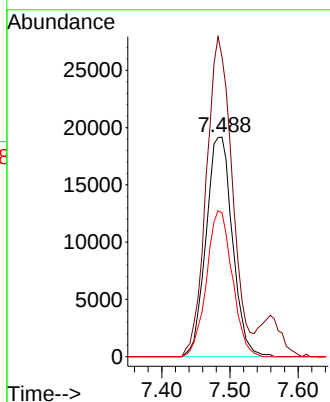
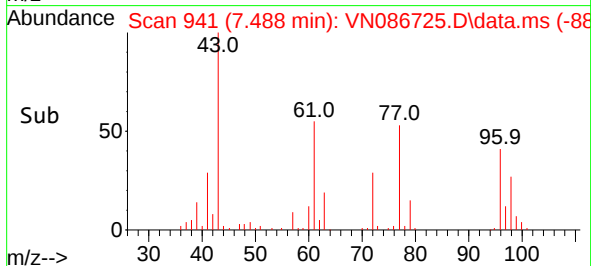
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01



Tgt Ion: 96 Resp: 51679
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 277.4
 98 64.7 0.0 129.6

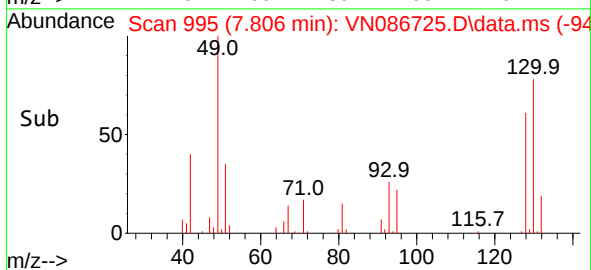
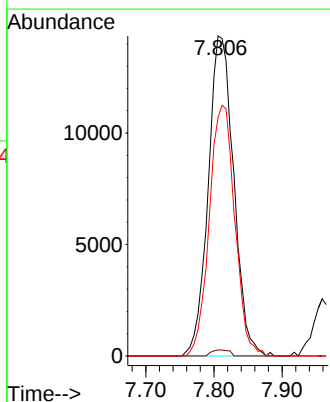
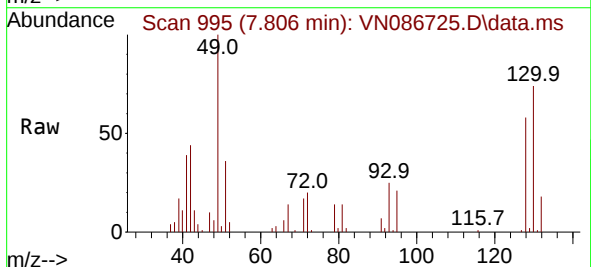
Manual Integrations
 APPROVED

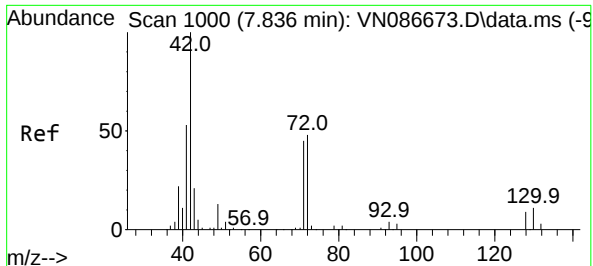
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#28
 Bromochloromethane
 Concen: 19.586 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

Tgt Ion: 49 Resp: 37400
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 78.2 62.2 93.4





#29

Tetrahydrofuran

Concen: 97.059 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

Tgt Ion: 42 Resp: 95108

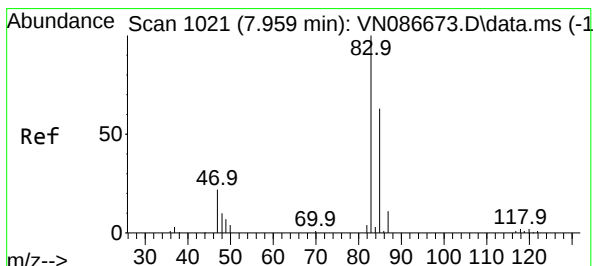
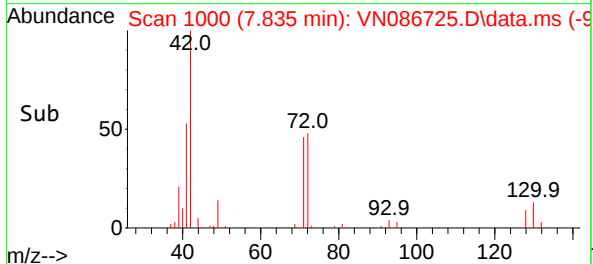
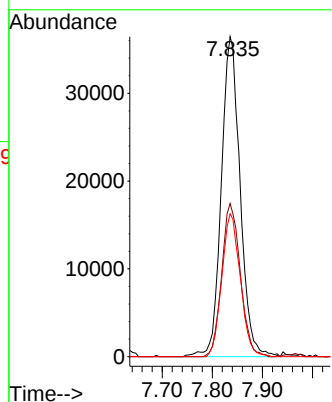
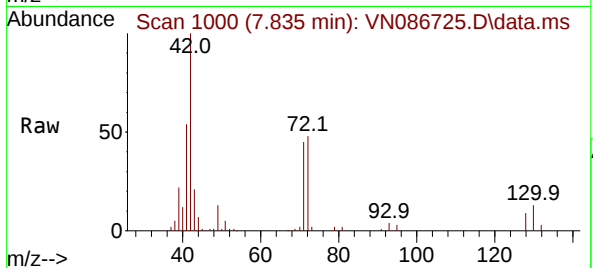
Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.7	58.1
71	43.8	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Chloroform

Concen: 19.468 ug/l

RT: 7.965 min Scan# 1022

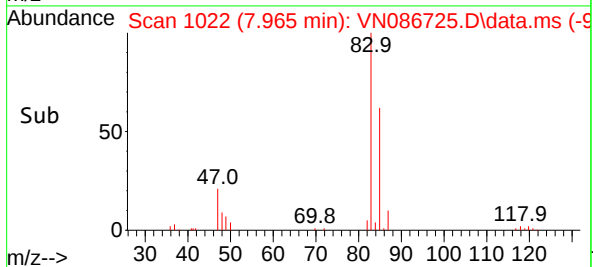
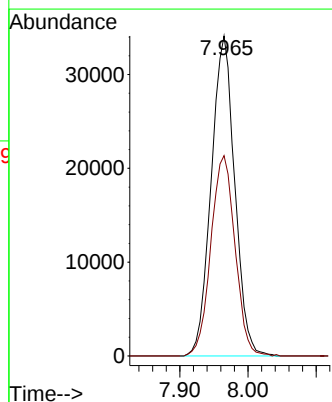
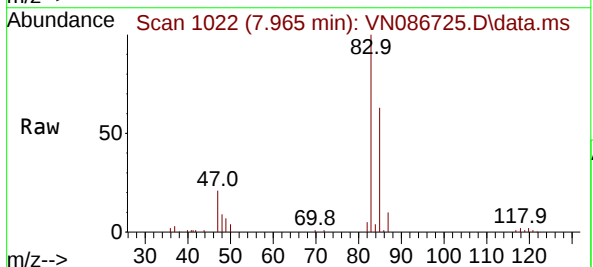
Delta R.T. 0.006 min

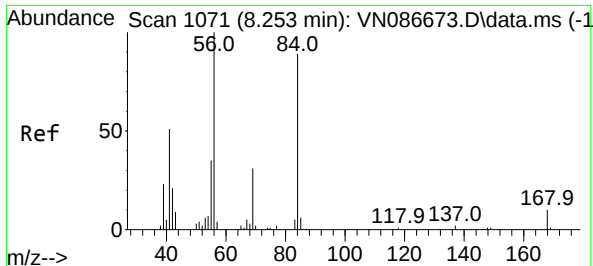
Lab File: VN086725.D

Acq: 21 May 2025 12:32

Tgt Ion: 83 Resp: 81897

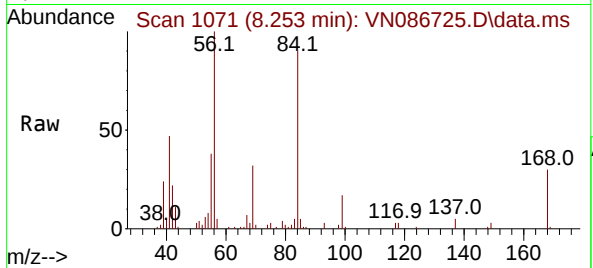
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.2	75.4





#31
Cyclohexane
Concen: 19.283 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

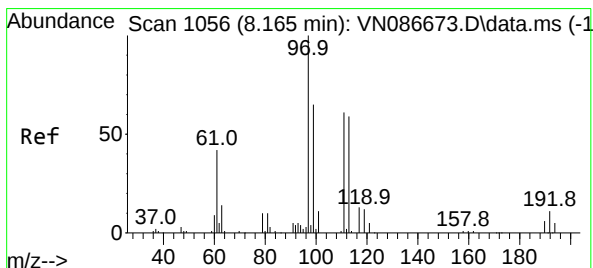
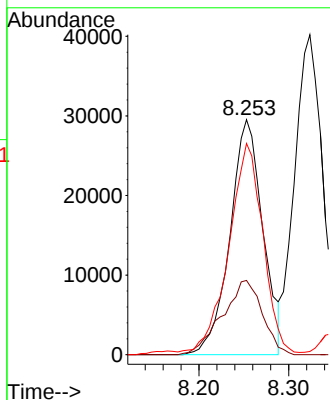
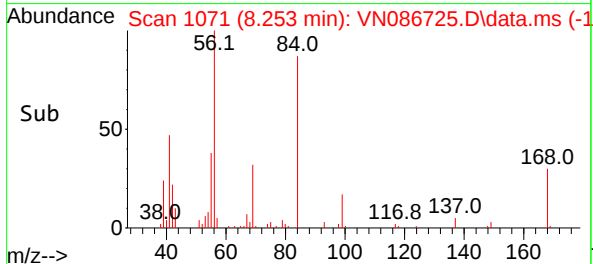
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



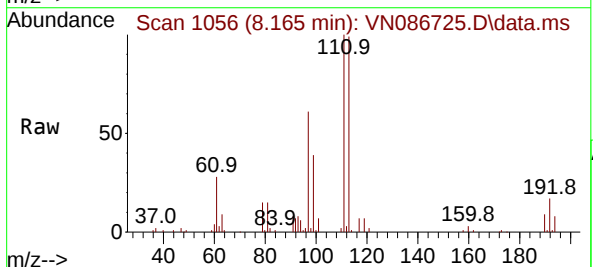
Tgt Ion: 56 Resp: 75162
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.6
84 88.7 71.0 106.4

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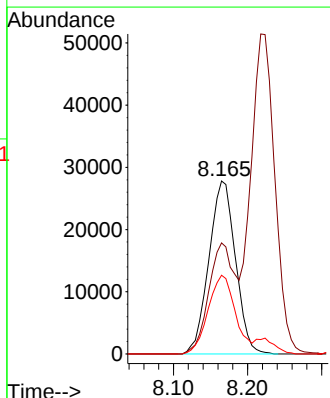
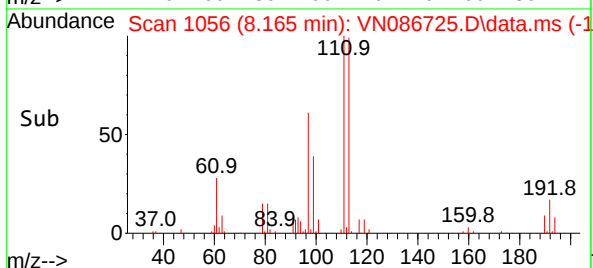
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

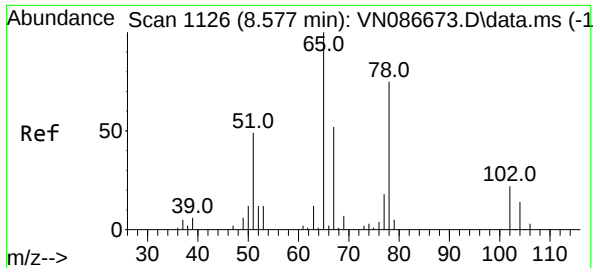


#32
1,1,1-Trichloroethane
Concen: 19.501 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



Tgt Ion: 97 Resp: 69166
Ion Ratio Lower Upper
97 100
99 63.9 52.6 79.0
61 46.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 51.698 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

Tgt Ion: 65 Resp: 134268

Ion Ratio Lower Upper

65 100

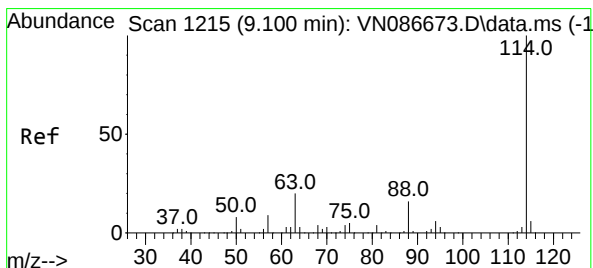
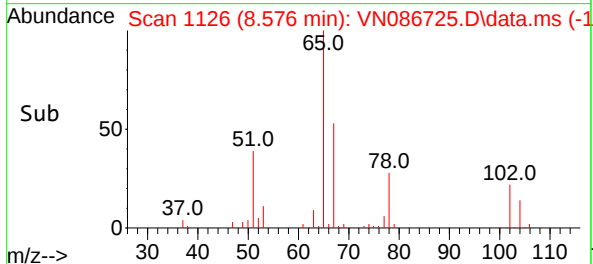
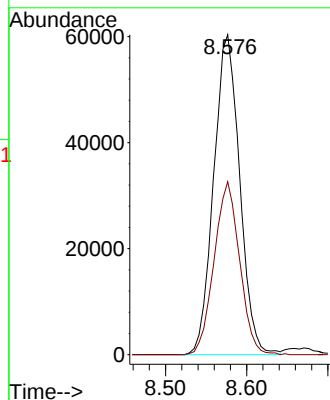
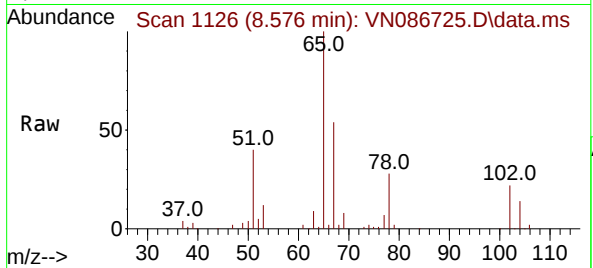
67 53.0 0.0 106.4

Manual Integrations

APPROVED

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: VN086725.D

Acq: 21 May 2025 12:32

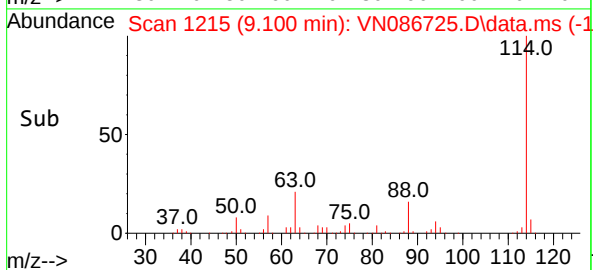
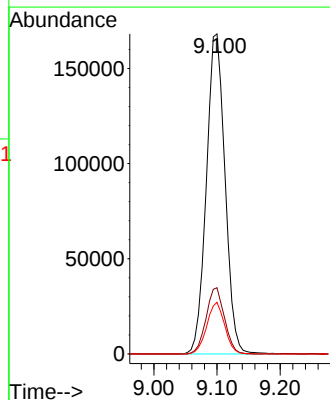
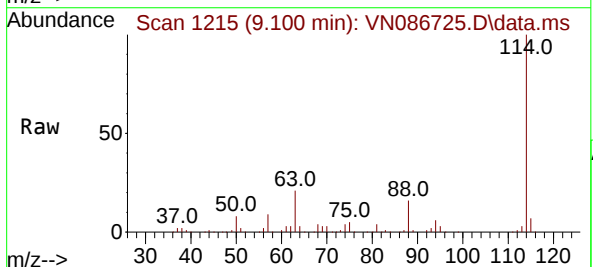
Tgt Ion:114 Resp: 345557

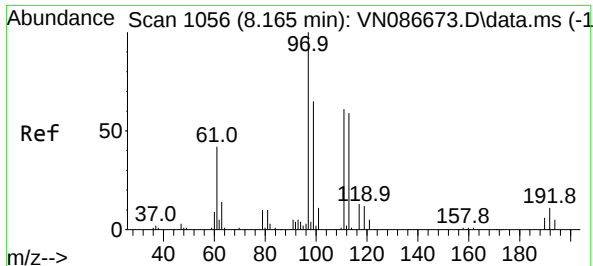
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.546 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

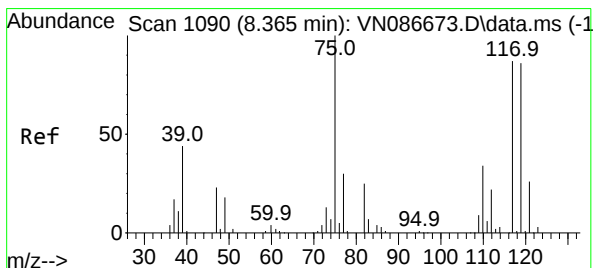
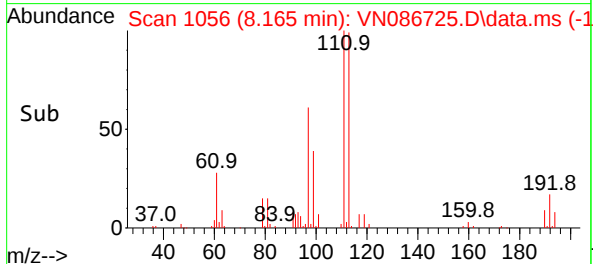
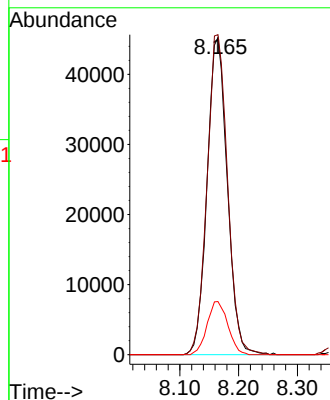
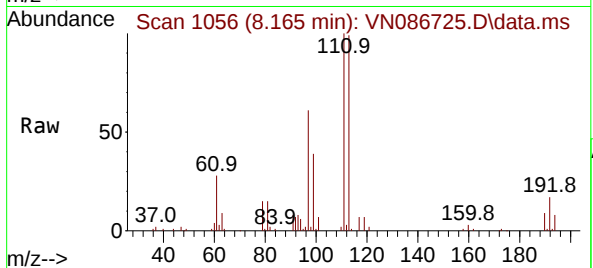
Tgt Ion:	113	Resp:	108130
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	17.2	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#36

1,1-Dichloropropene

Concen: 19.420 ug/l

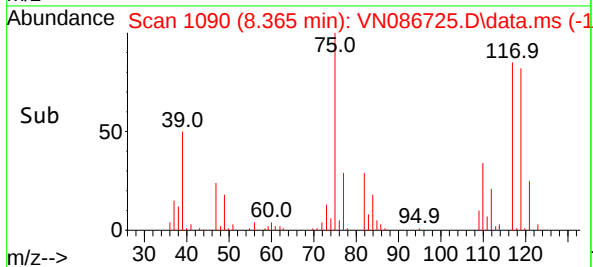
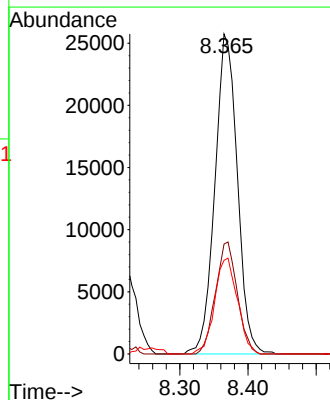
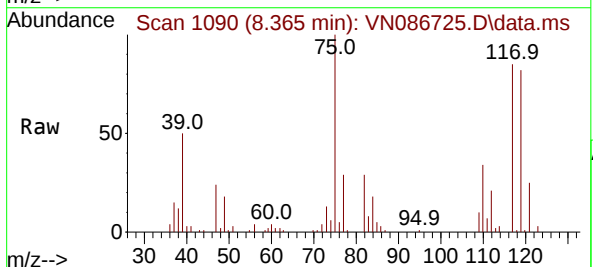
RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

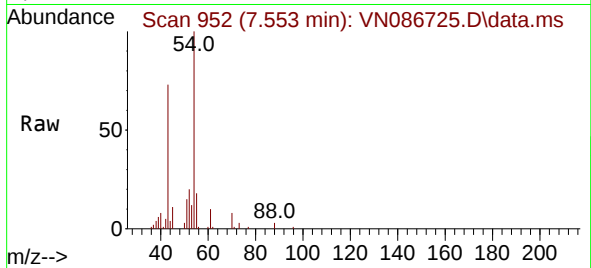
Tgt Ion:	75	Resp:	58951
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.5	52.5
77	30.5	25.1	37.7





#37
Ethyl Acetate
Concen: 19.734 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

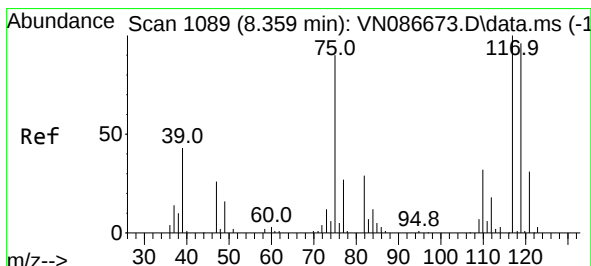
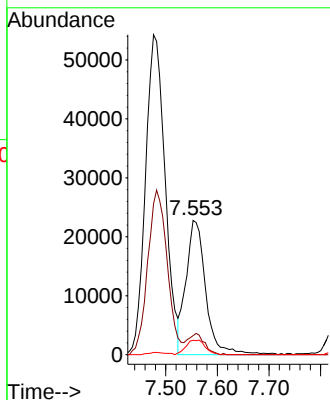
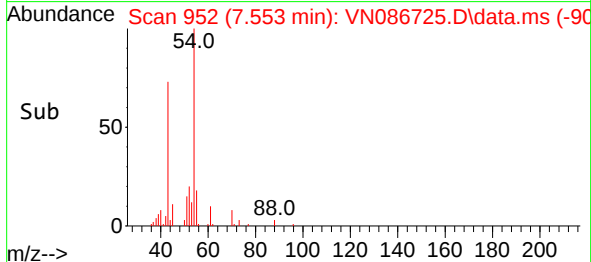
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 43 Resp: 6051
Ion Ratio Lower Upper
43 100
61 12.8 11.6 17.4
70 10.6 9.4 14.0

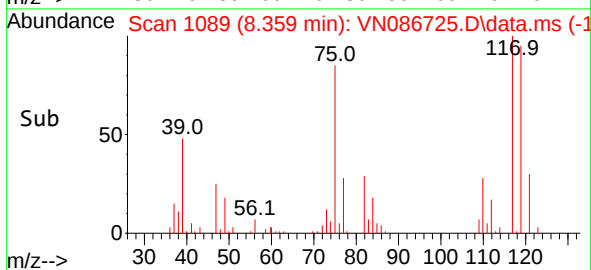
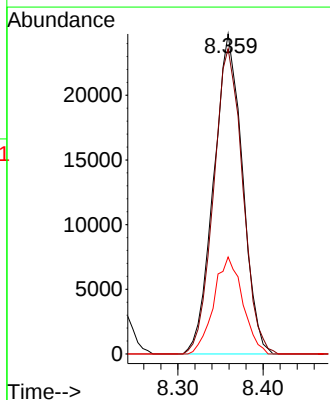
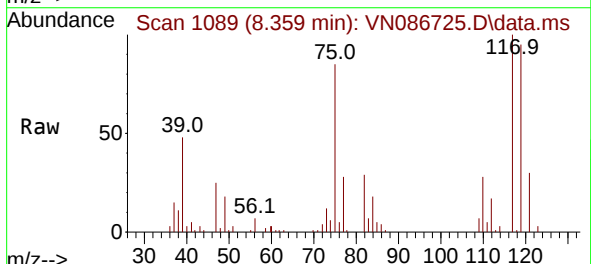
Manual Integrations
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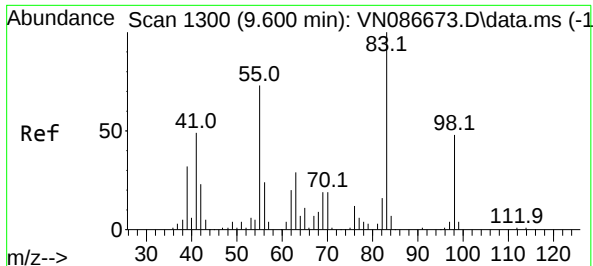
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 19.357 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Tgt Ion:117 Resp: 57894
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6
121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 19.078 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

Tgt Ion: 83 Resp: 62680

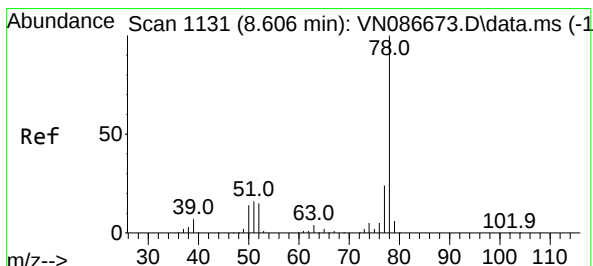
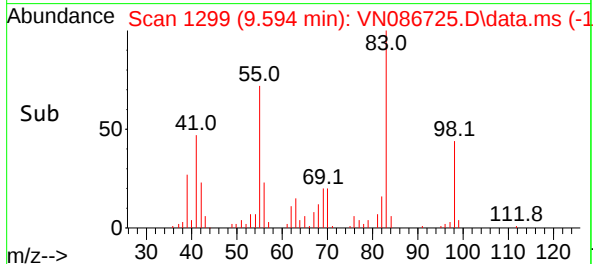
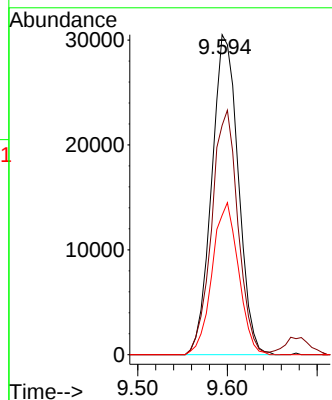
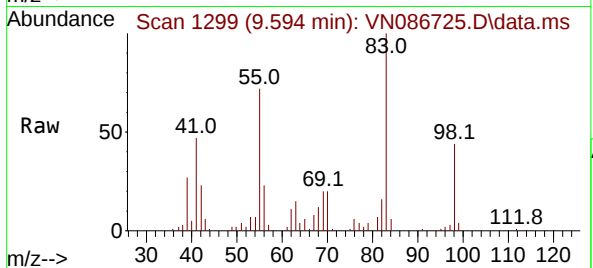
Ion	Ratio	Lower	Upper
83	100		
55	71.6	58.2	87.4
98	43.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#40

Benzene

Concen: 19.334 ug/l

RT: 8.606 min Scan# 1131

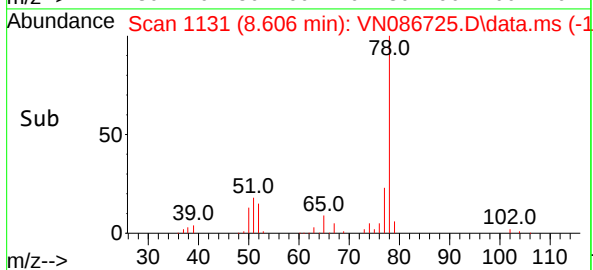
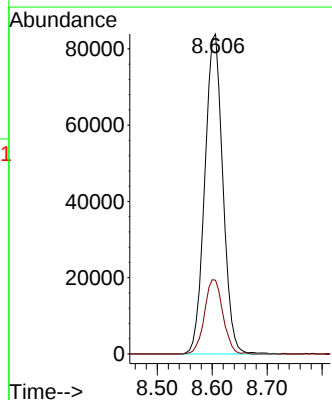
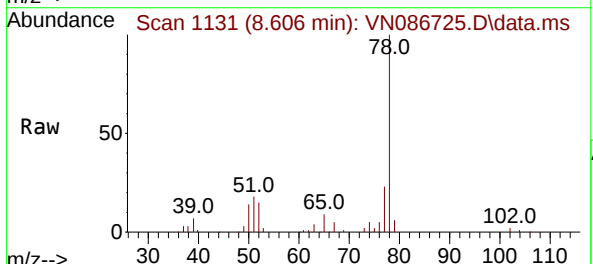
Delta R.T. -0.000 min

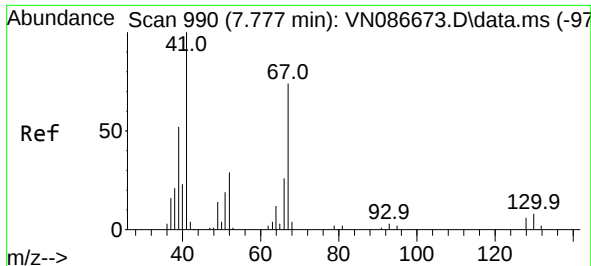
Lab File: VN086725.D

Acq: 21 May 2025 12:32

Tgt Ion: 78 Resp: 191458

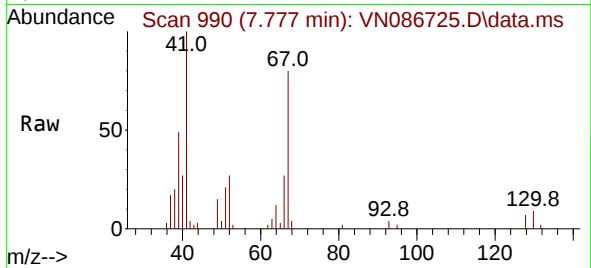
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41
Methacrylonitrile
Concen: 18.287 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

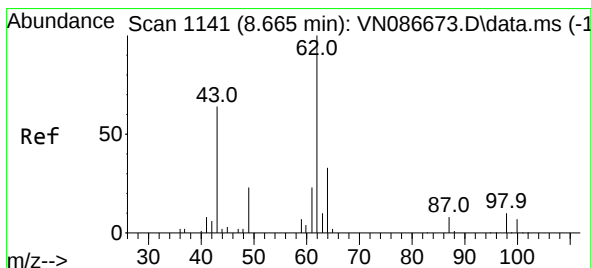
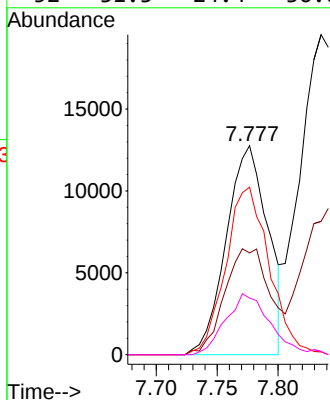
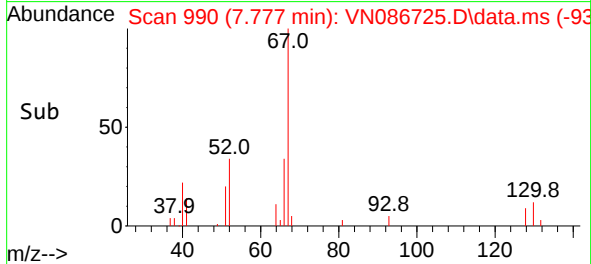
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion:	41	Resp:	3027
Ion Ratio	100	Lower	Upper
39	56.7	44.9	67.3
67	84.2	63.4	95.0
52	31.3	24.4	36.6

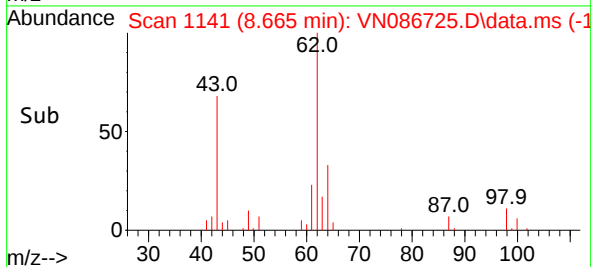
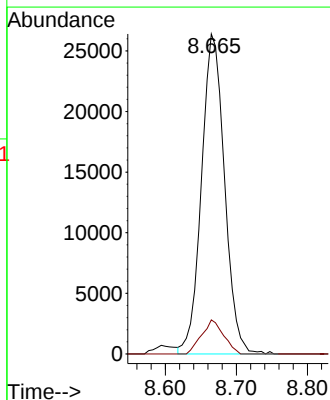
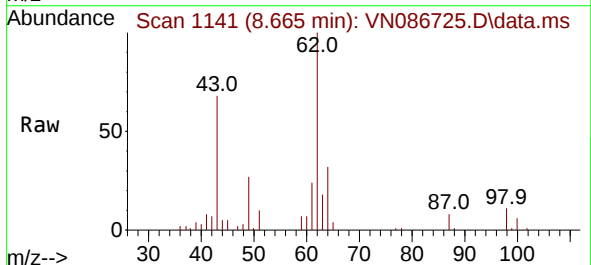
Manual Integrations
APPROVED

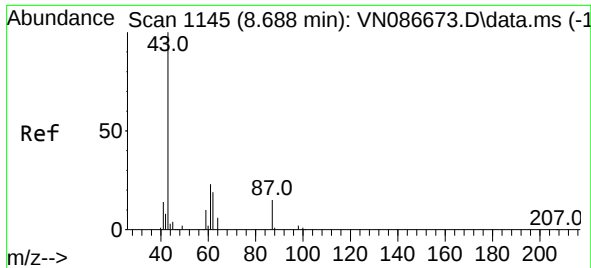
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 19.341 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

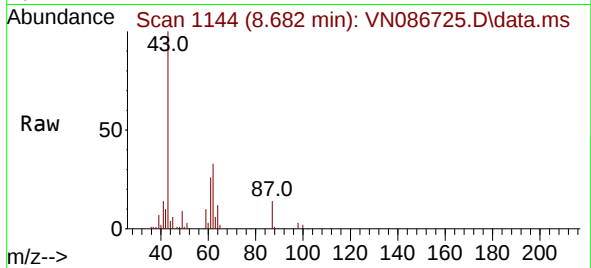
Tgt Ion:	62	Resp:	59668
Ion Ratio	100	Lower	Upper
98	10.1	0.0	19.2





#43
Isopropyl Acetate
Concen: 18.454 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

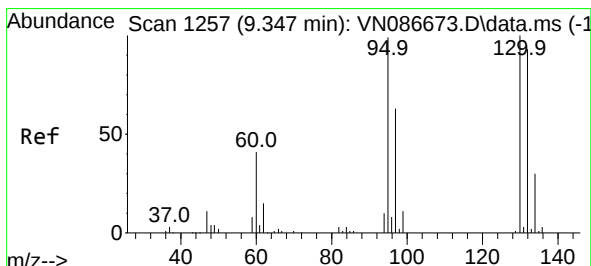
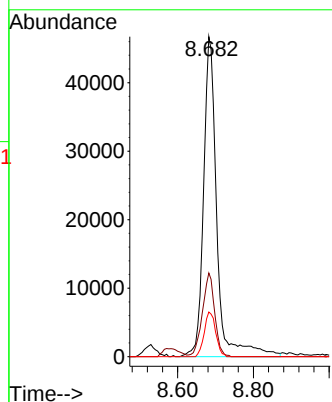
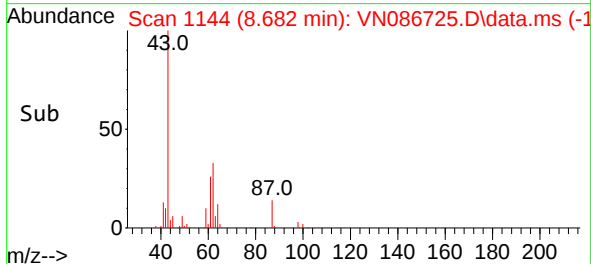
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



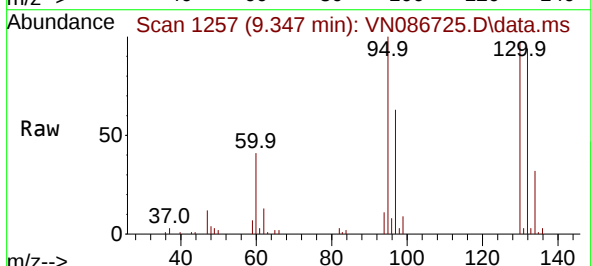
Tgt Ion: 43 Resp: 11344
Ion Ratio Lower Upper
43 100
61 24.3 21.4 32.2
87 12.0 11.1 16.7

Manual Integrations
APPROVED

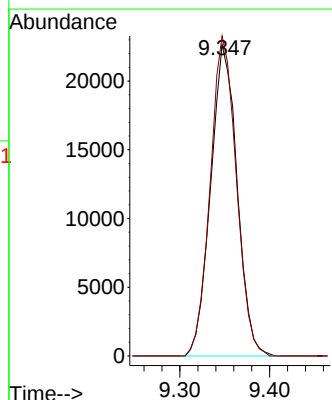
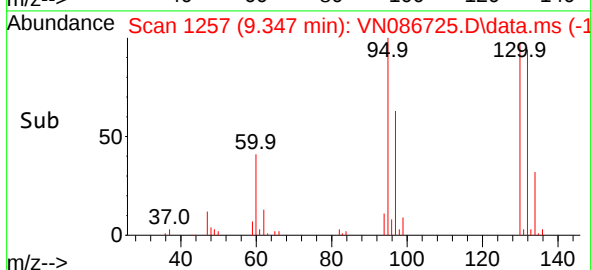
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#44
Trichloroethene
Concen: 19.369 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



Tgt Ion:130 Resp: 46262
Ion Ratio Lower Upper
130 100
95 102.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.598 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

Tgt Ion: 63 Resp: 4610

Ion Ratio Lower Upper

63 100

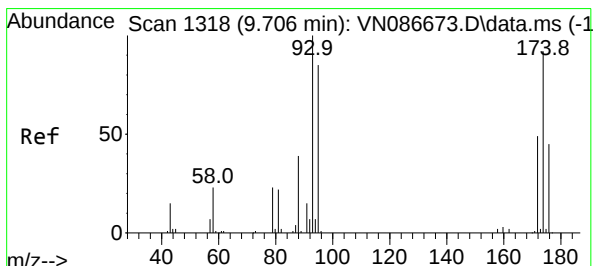
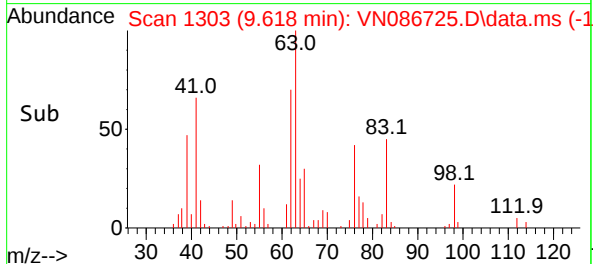
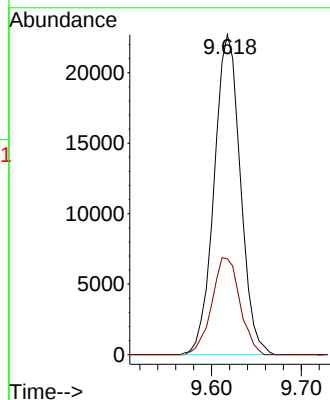
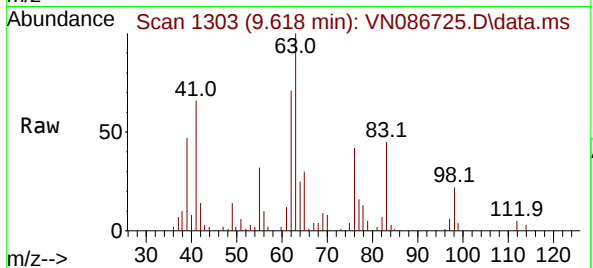
65 30.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#46

Dibromomethane

Concen: 19.200 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

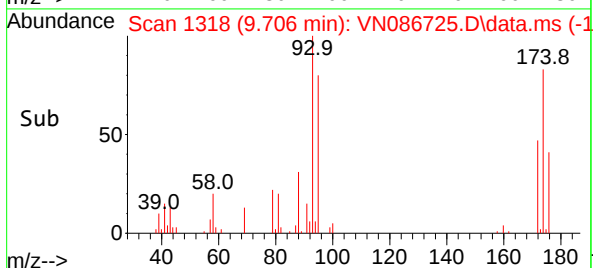
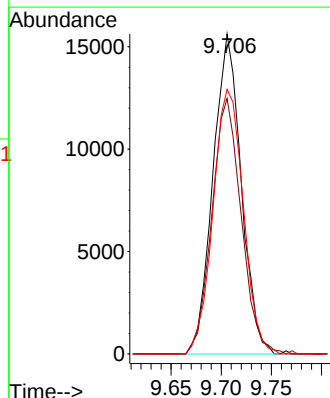
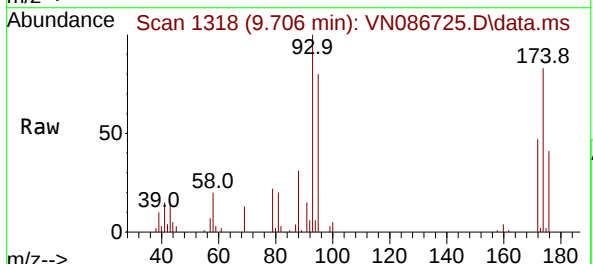
Tgt Ion: 93 Resp: 30477

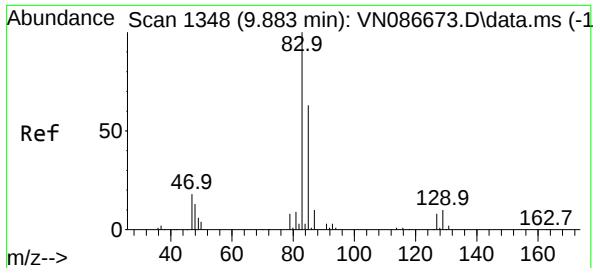
Ion Ratio Lower Upper

93 100

95 82.8 67.1 100.7

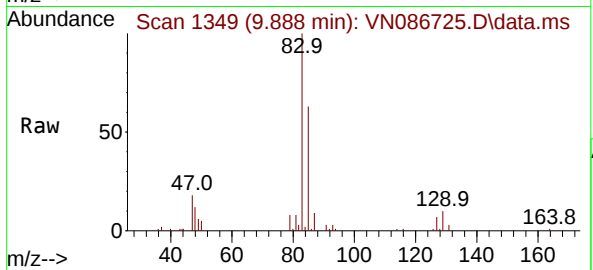
174 88.6 73.8 110.6





#47
Bromodichloromethane
Concen: 19.616 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

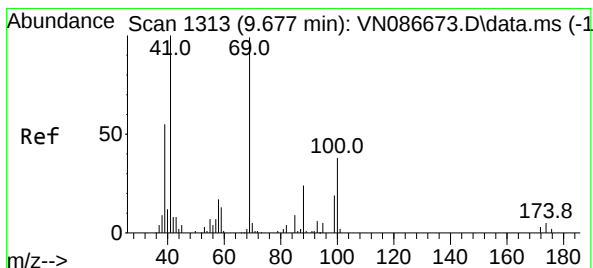
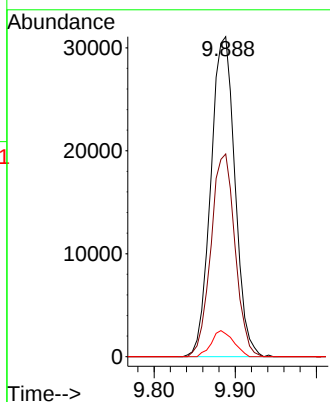
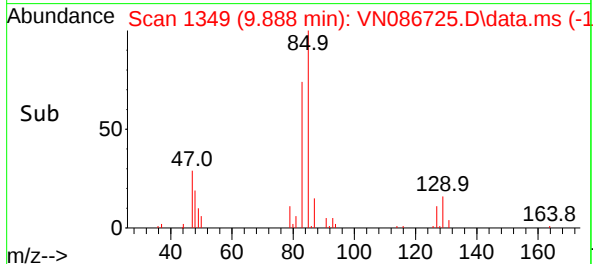
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 83 Resp: 6415
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 7.2 6.2 9.4

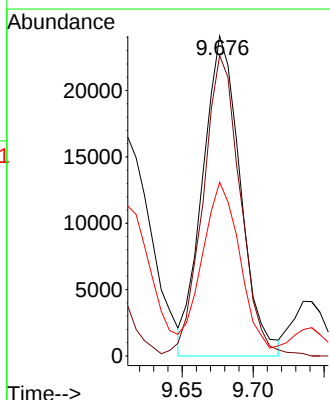
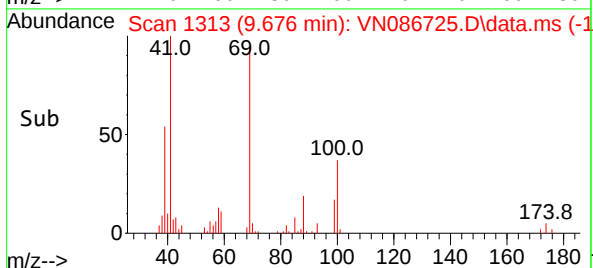
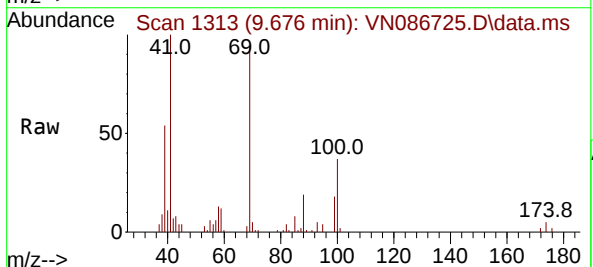
Manual Integrations
APPROVED

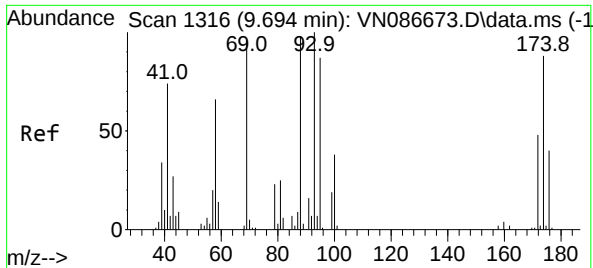
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#48
Methyl methacrylate
Concen: 18.684 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

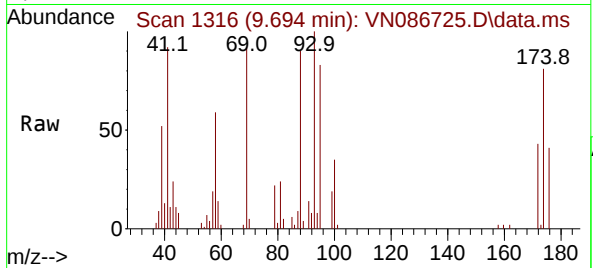
Tgt Ion: 41 Resp: 44505
Ion Ratio Lower Upper
41 100
69 93.1 74.1 111.1
39 55.3 44.1 66.1





#49
1,4-Dioxane
Concen: 364.347 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

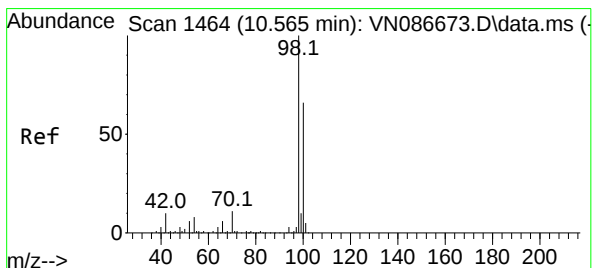
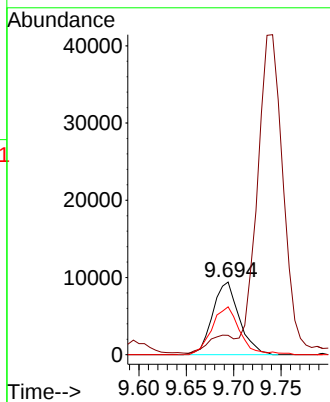
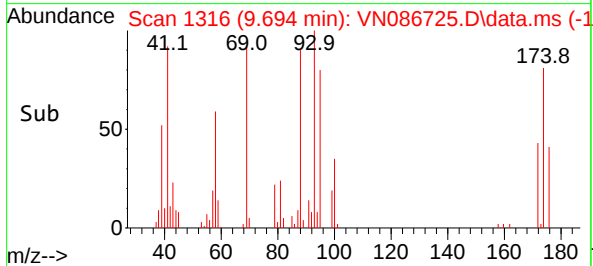
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 88 Resp: 1837
Ion Ratio Lower Upper
88 100
43 24.9 23.6 35.4
58 69.6 55.3 82.9

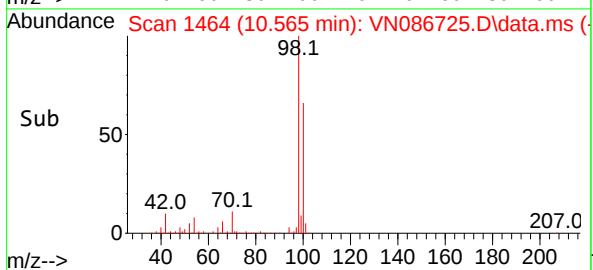
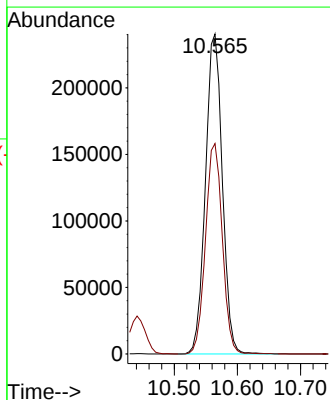
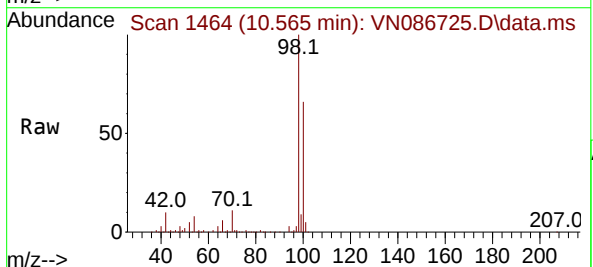
Manual Integrations
APPROVED

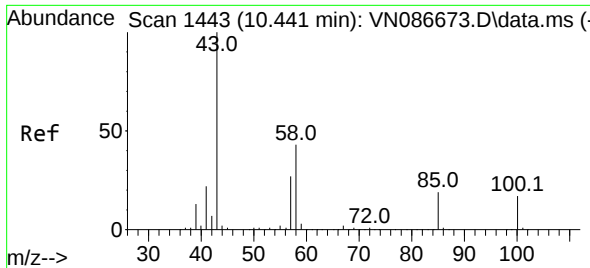
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Tgt Ion: 98 Resp: 446043
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3





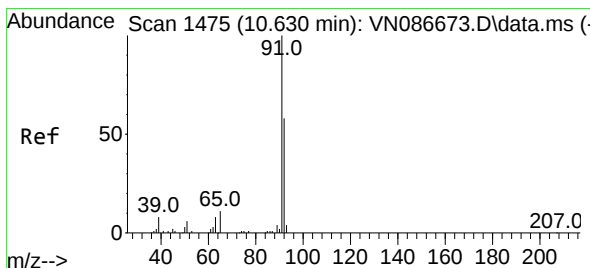
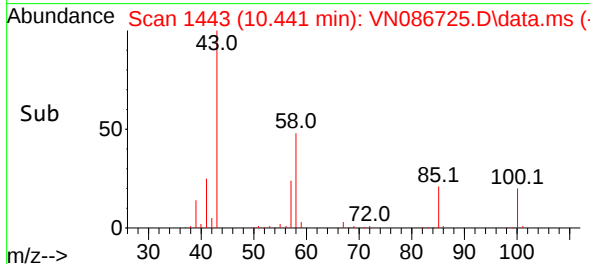
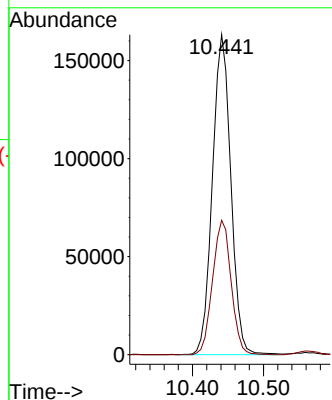
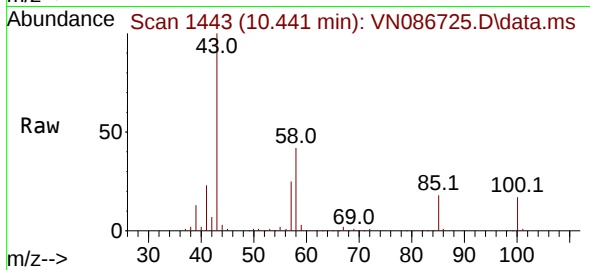
#51
4-Methyl-2-Pentanone
Concen: 94.739 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion: 43 Resp: 29368
Ion Ratio Lower Upper
43 100
58 42.2 33.9 50.9

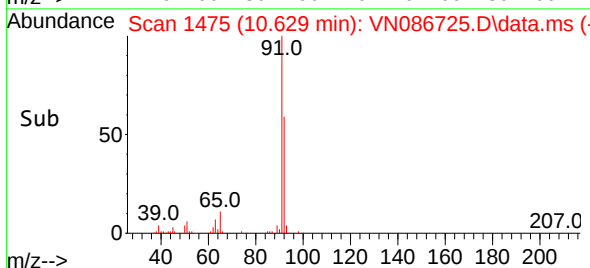
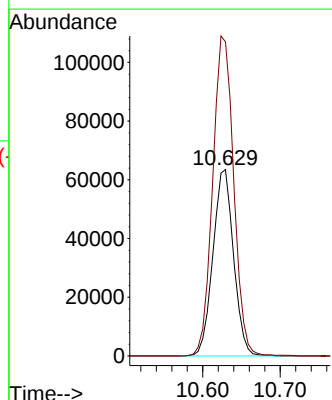
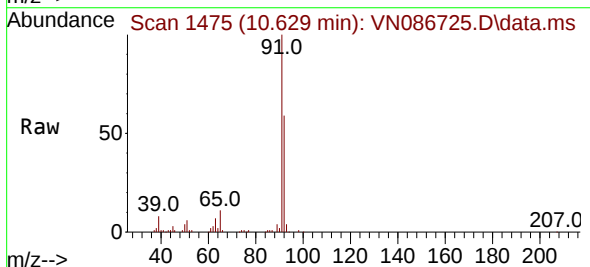
Manual Integrations
APPROVED

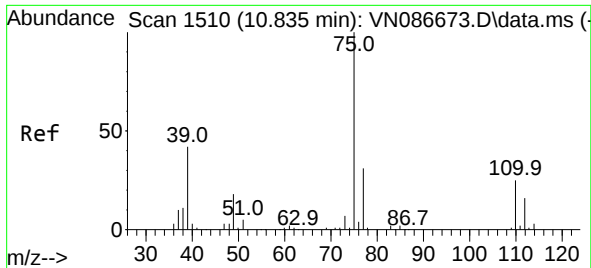
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 19.074 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Tgt Ion: 92 Resp: 117394
Ion Ratio Lower Upper
92 100
91 175.0 137.8 206.8





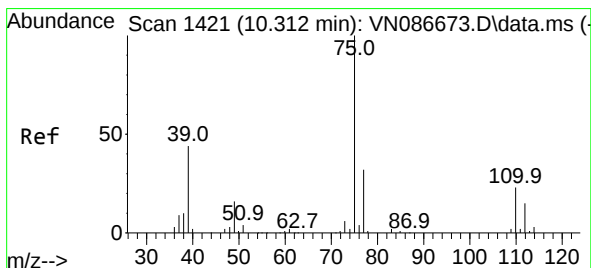
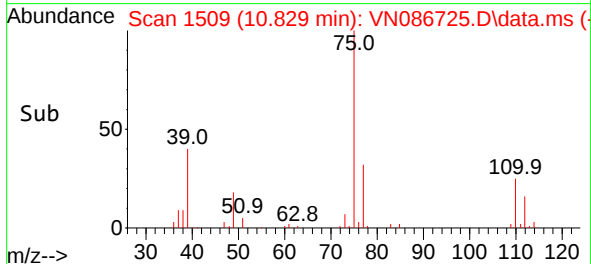
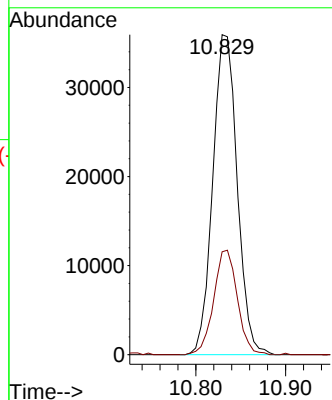
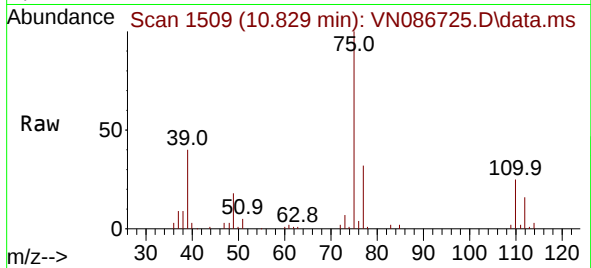
#53
 t-1,3-Dichloropropene
 Concen: 19.603 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Tgt Ion: 75 Resp: 6788
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8

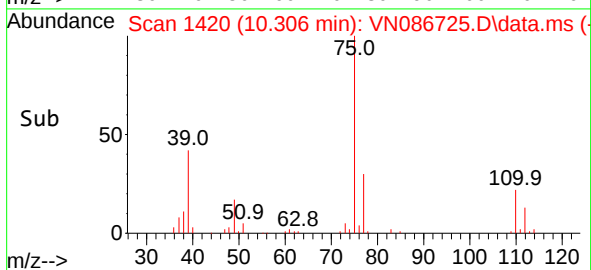
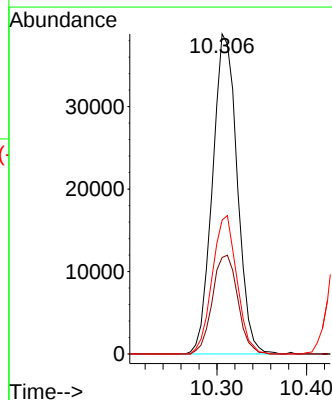
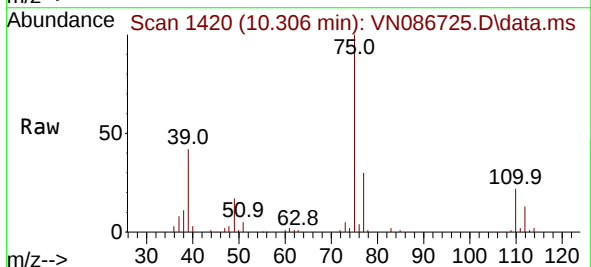
Manual Integrations
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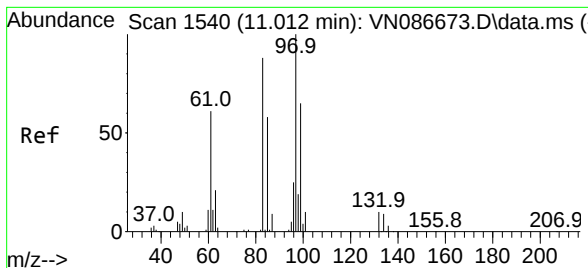
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.631 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

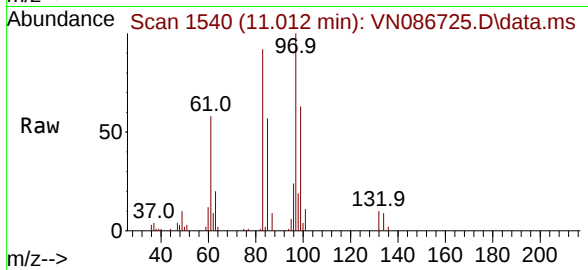
Tgt Ion: 75 Resp: 74205
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.3 37.9
 39 41.8 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 19.384 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

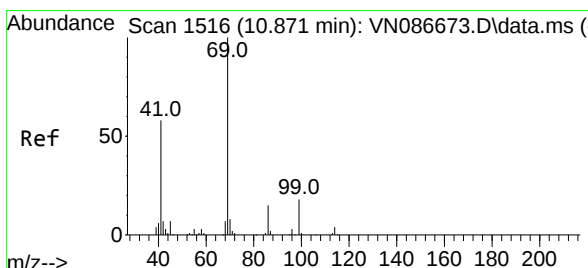
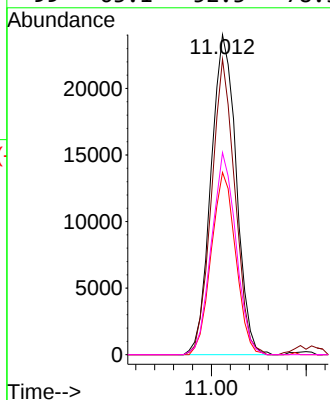
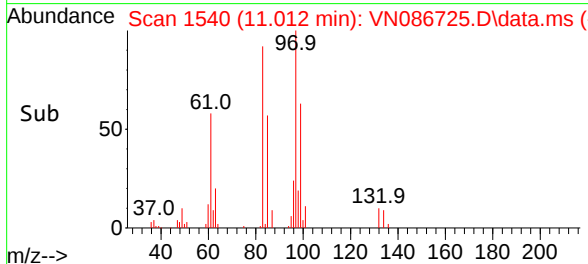
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



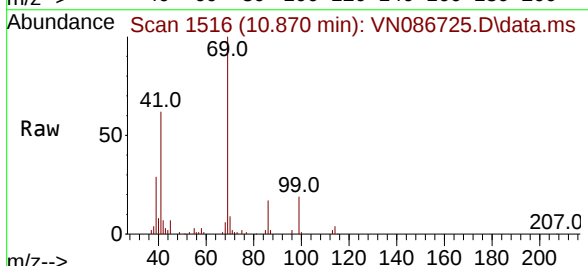
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.3	70.4	105.6
85	56.9	46.1	69.1
99	63.1	52.3	78.5

Manual Integrations
APPROVED

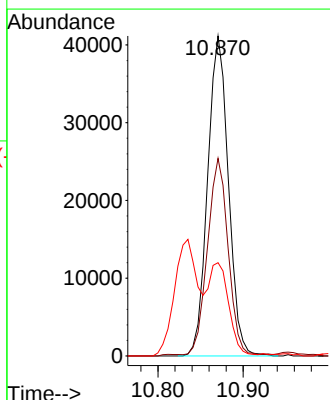
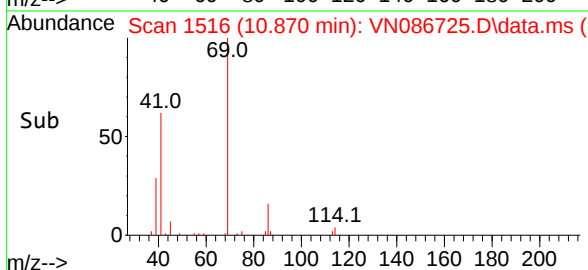
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

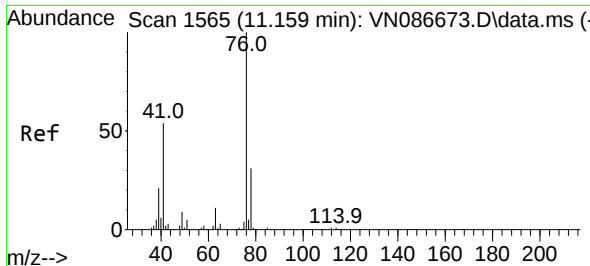


#56
Ethyl methacrylate
Concen: 18.897 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



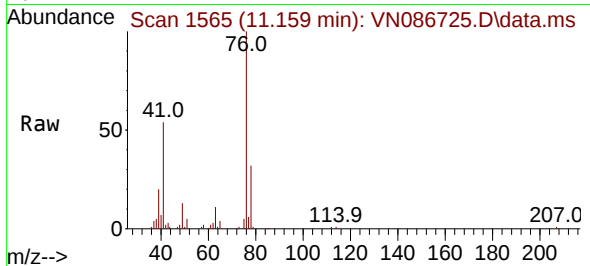
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.4	71.0
39	28.1	24.0	36.0





#57
1,3-Dichloropropane
Concen: 19.462 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

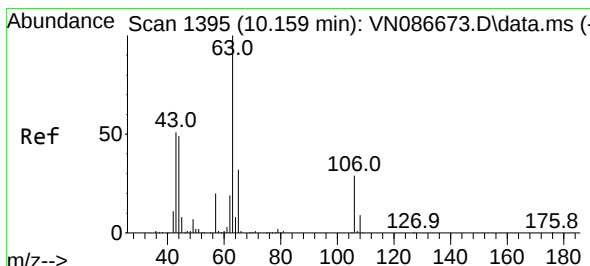
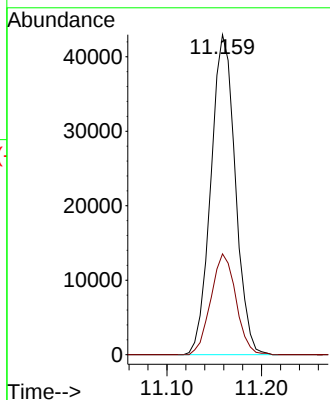
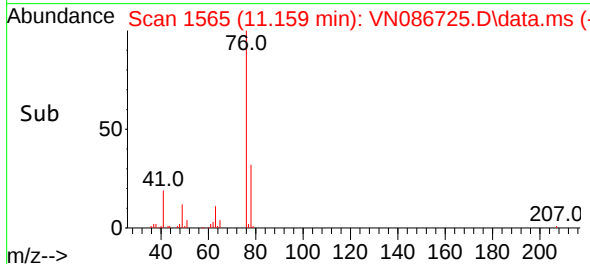
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 76 Resp: 7697
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

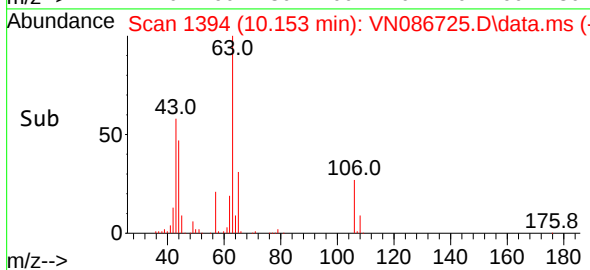
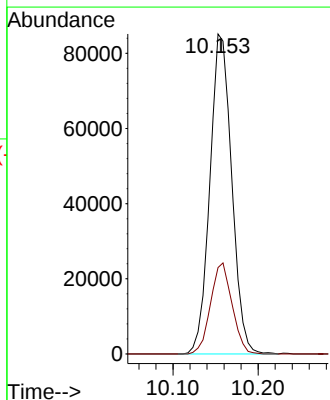
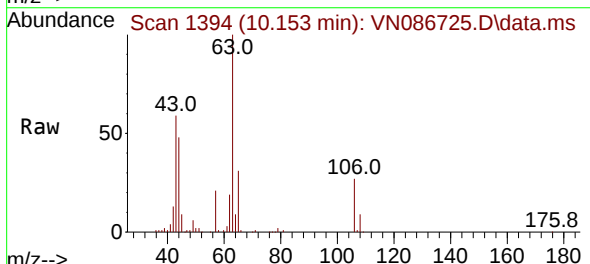
Manual Integrations
APPROVED

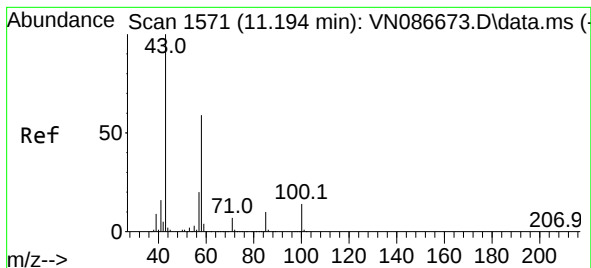
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 92.132 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

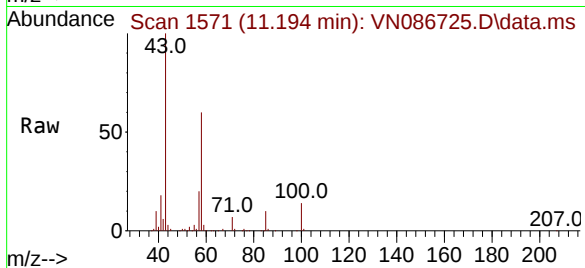
Tgt Ion: 63 Resp: 151785
Ion Ratio Lower Upper
63 100
106 28.0 23.1 34.7





#59
2-Hexanone
Concen: 92.993 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

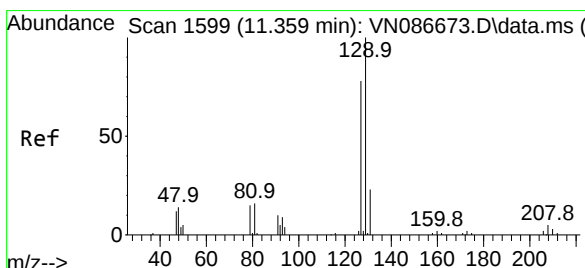
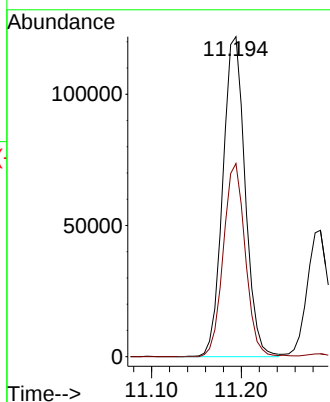
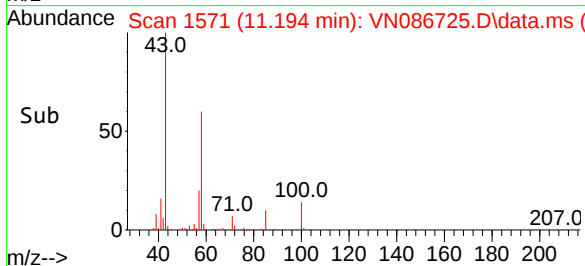
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 43 Resp: 21051
Ion Ratio Lower Upper
43 100
58 59.5 29.8 89.5

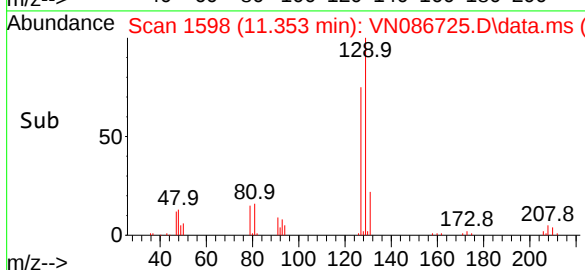
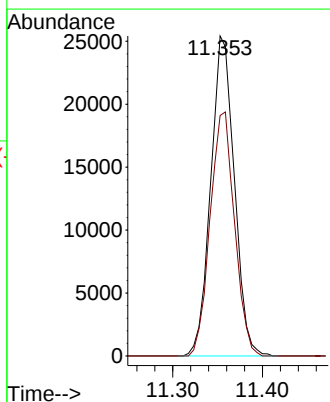
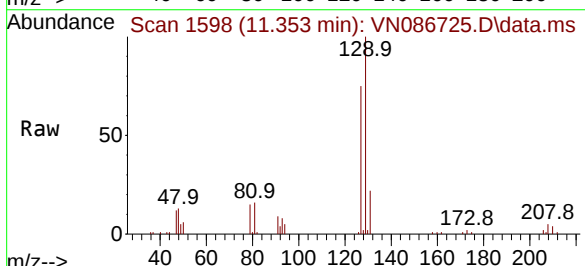
Manual Integrations
APPROVED

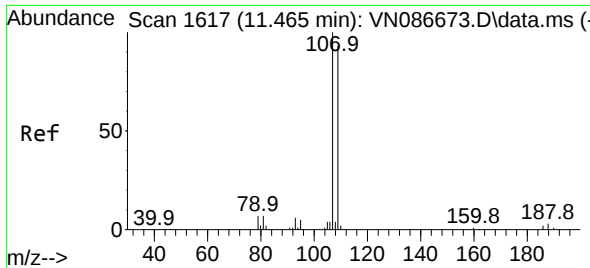
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 19.277 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

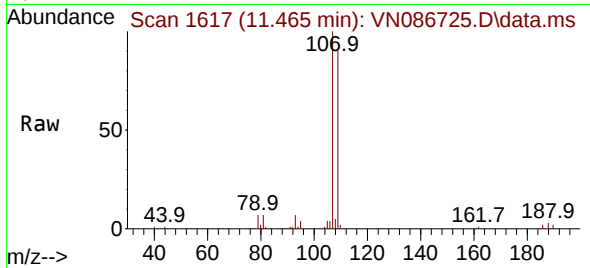
Tgt Ion:129 Resp: 46382
Ion Ratio Lower Upper
129 100
127 78.7 39.5 118.3





#61
1,2-Dibromoethane
Concen: 18.775 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

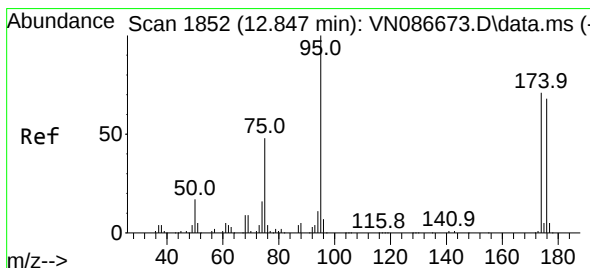
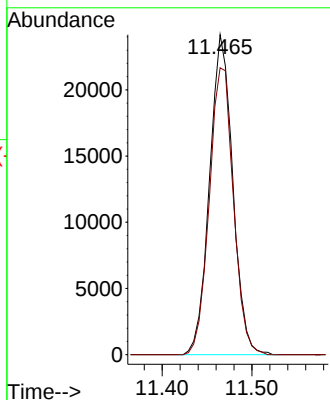
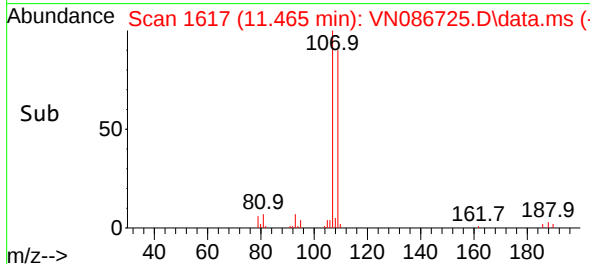
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



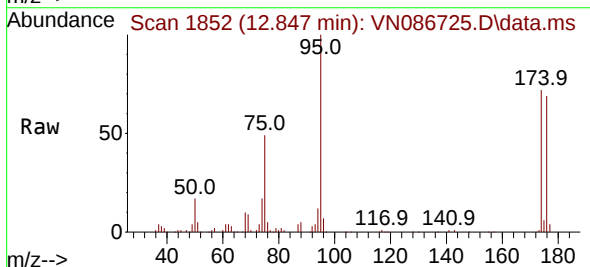
Tgt Ion:107 Resp: 43310
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.4

Manual Integrations
APPROVED

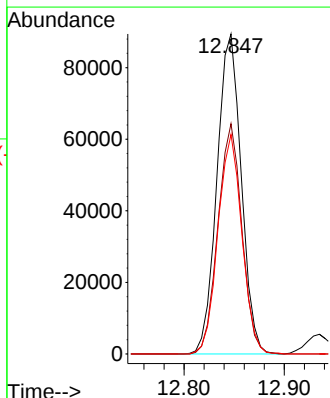
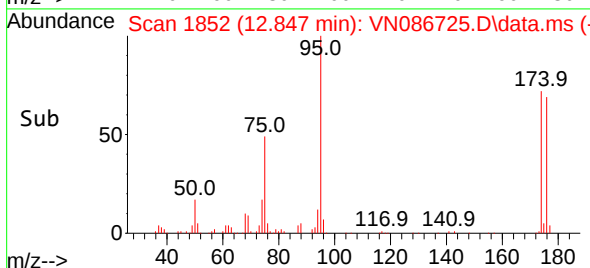
Reviewed By :John Carbone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

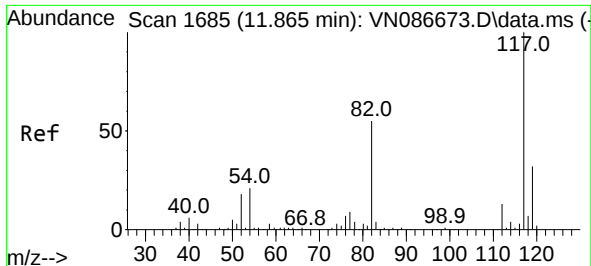


#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



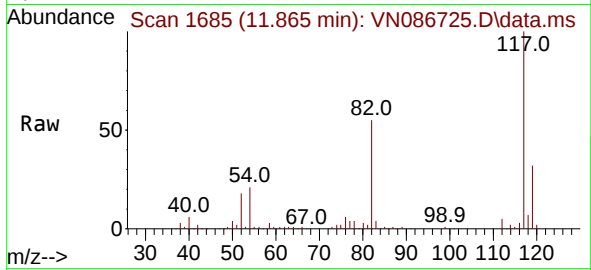
Tgt Ion: 95 Resp: 150485
Ion Ratio Lower Upper
95 100
174 70.6 0.0 145.4
176 67.6 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

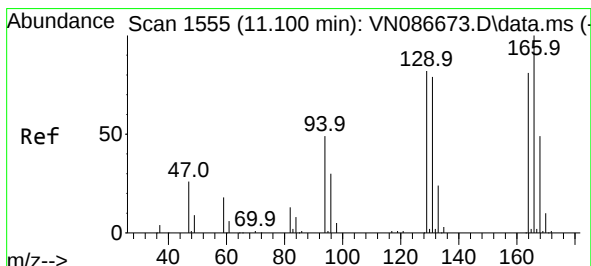
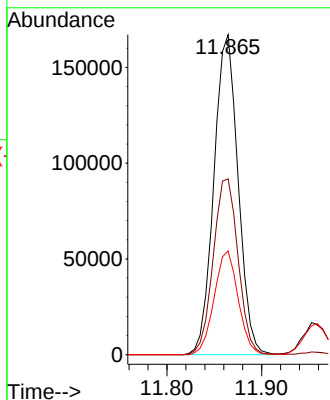
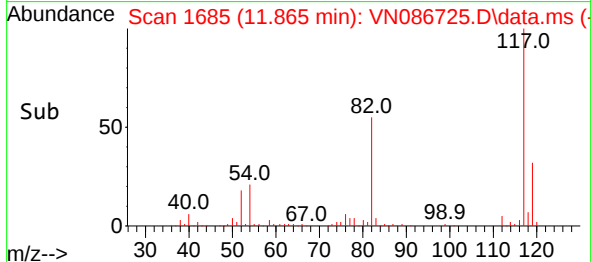
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion:117 Resp: 296690
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.4 25.4 38.2

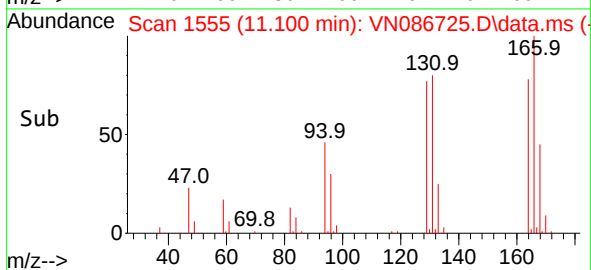
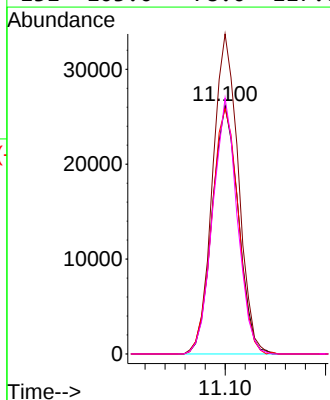
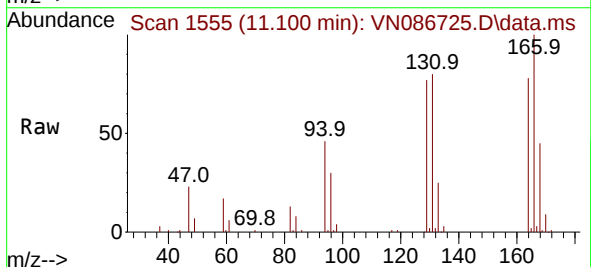
Manual Integrations
APPROVED

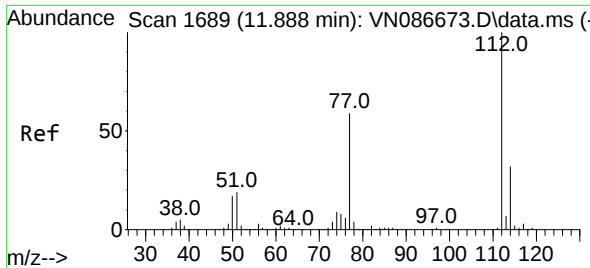
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64
Tetrachloroethene
Concen: 20.864 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

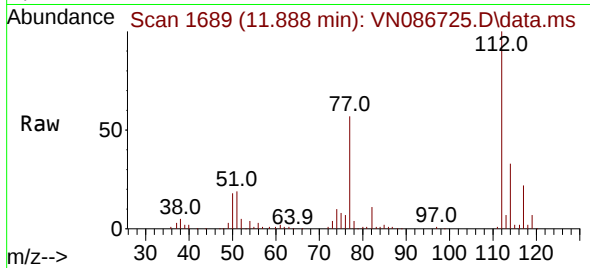
Tgt Ion:164 Resp: 47421
Ion Ratio Lower Upper
164 100
166 128.8 98.2 147.4
129 98.7 81.0 121.4
131 103.0 78.0 117.0





#65
Chlorobenzene
Concen: 19.690 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

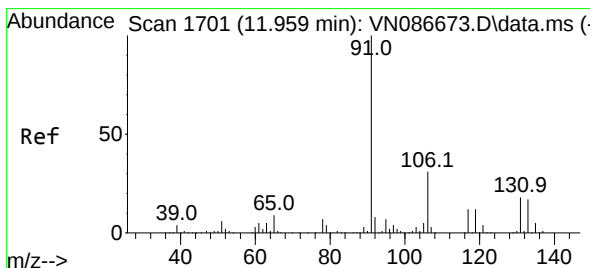
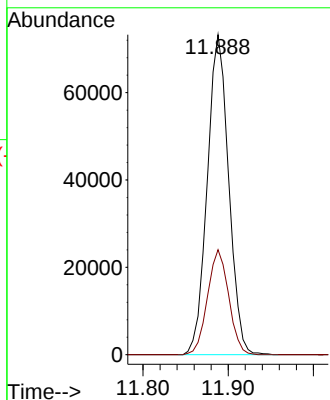
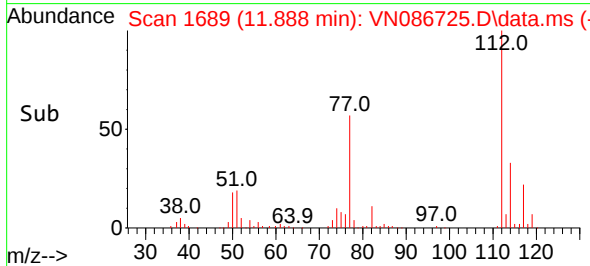
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



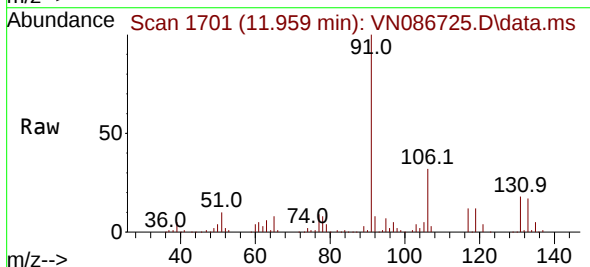
Tgt Ion:112 Resp: 128100
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9

Manual Integrations
APPROVED

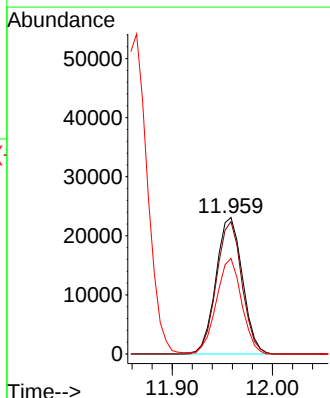
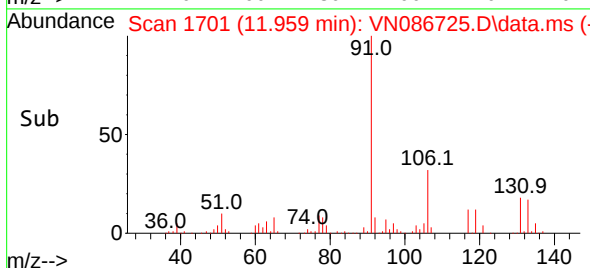
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

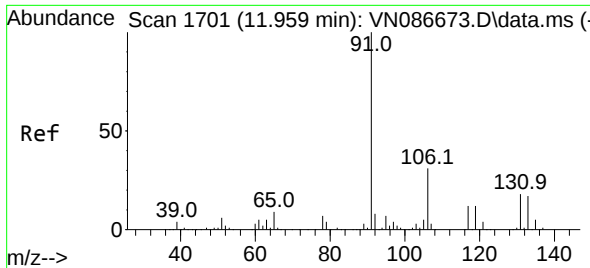


#66
1,1,1,2-Tetrachloroethane
Concen: 20.175 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



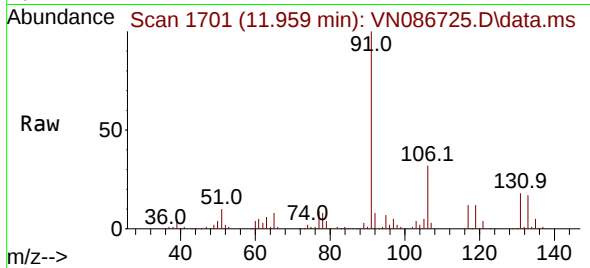
Tgt Ion:131 Resp: 42374
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.7
119 66.8 33.6 100.8





#67
Ethyl Benzene
Concen: 19.520 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

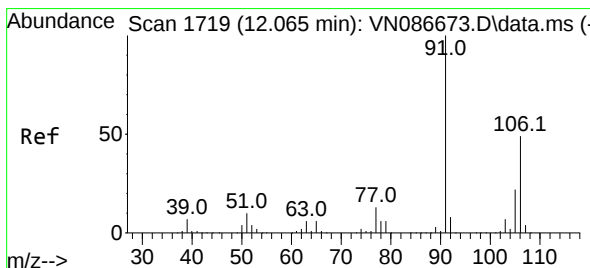
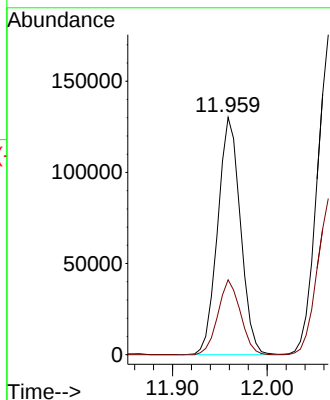
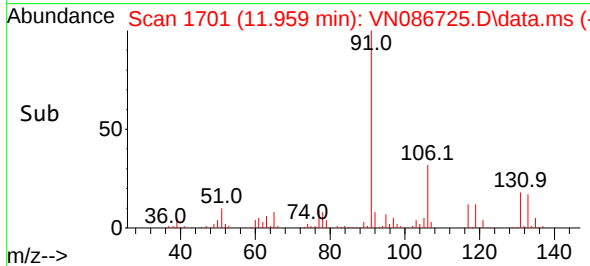
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



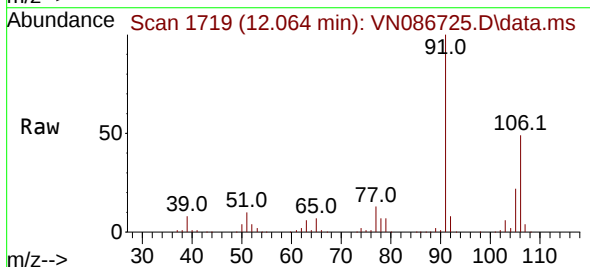
Tgt Ion: 91 Resp: 21752
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

Manual Integrations
APPROVED

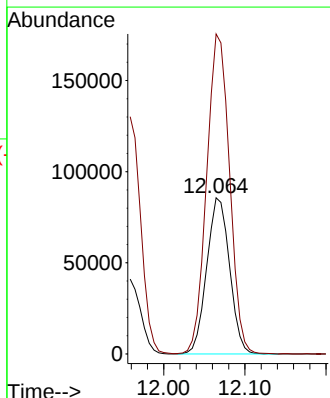
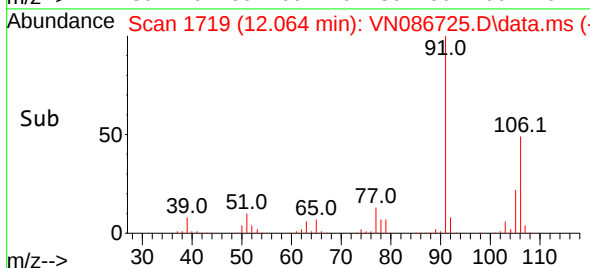
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

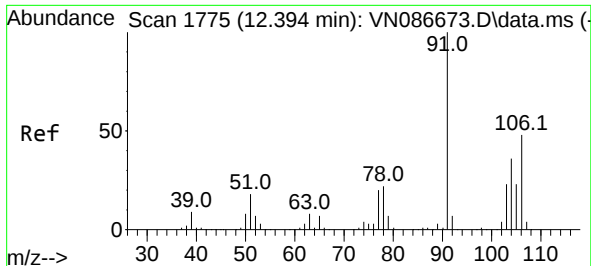


#68
m/p-Xylenes
Concen: 39.671 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



Tgt Ion:106 Resp: 167445
Ion Ratio Lower Upper
106 100
91 205.6 162.4 243.6





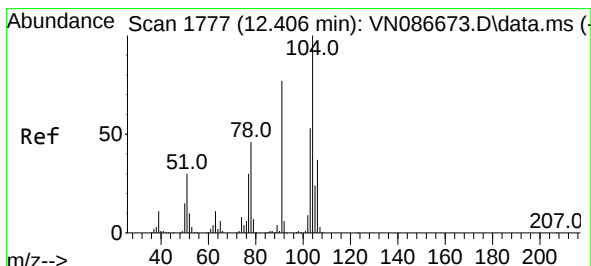
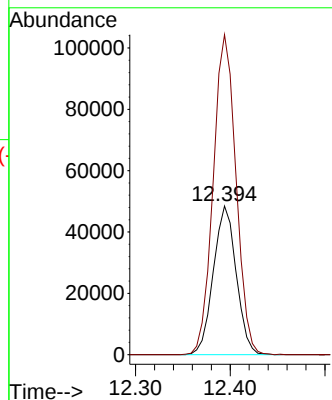
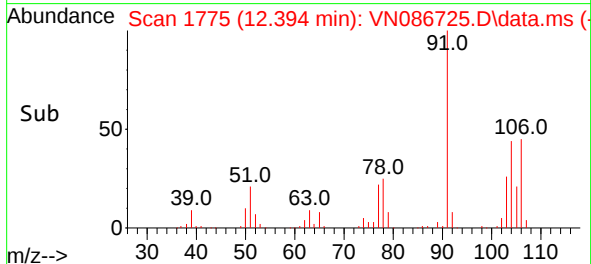
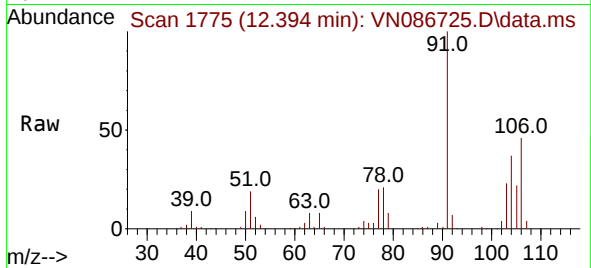
#69
o-Xylene
Concen: 19.391 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:106 Resp: 81370
Ion Ratio Lower Upper
106 100
91 214.6 105.1 315.1

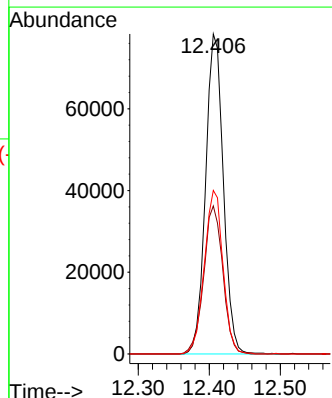
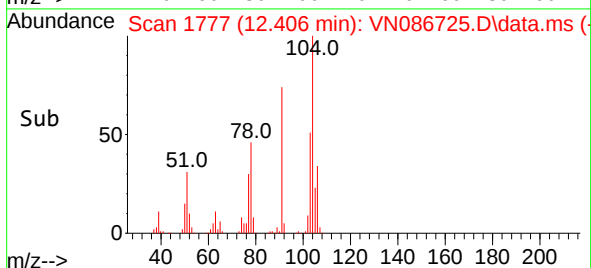
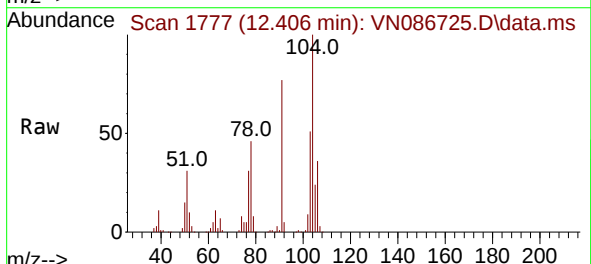
Manual Integrations
APPROVED

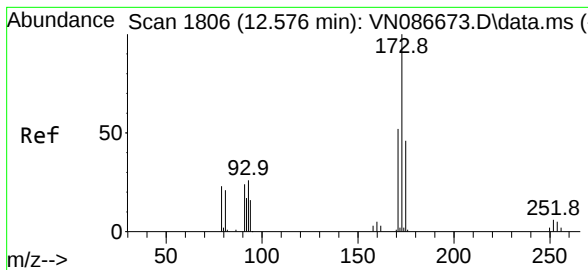
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 19.803 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Tgt Ion:104 Resp: 136051
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.6
103 53.9 43.8 65.8





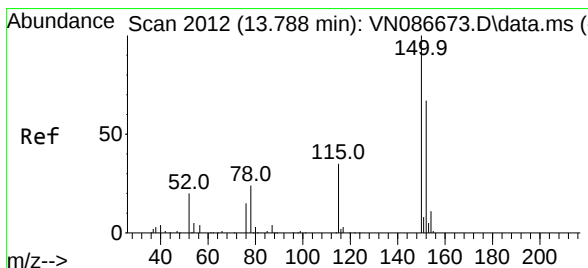
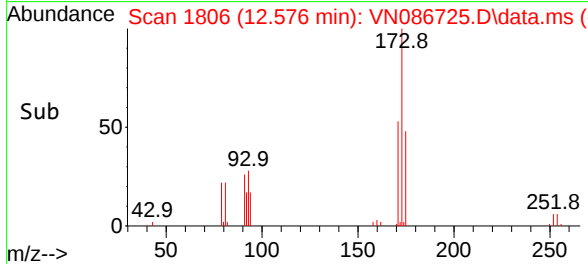
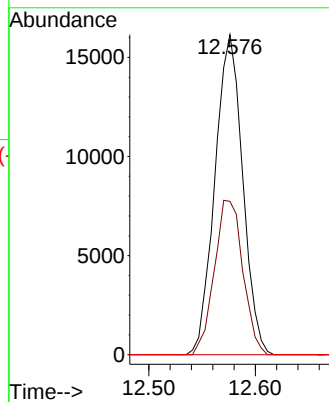
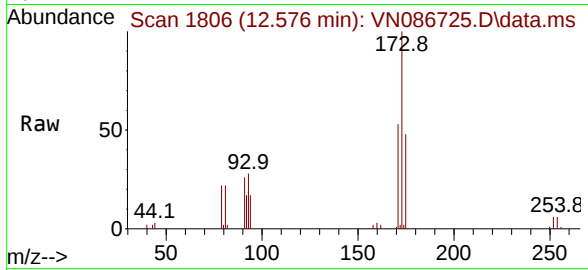
#71
Bromoform
Concen: 19.559 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:173 Resp: 29210
Ion Ratio Lower Upper
173 100
175 49.5 23.4 70.2
254 0.0 0.0 0.0

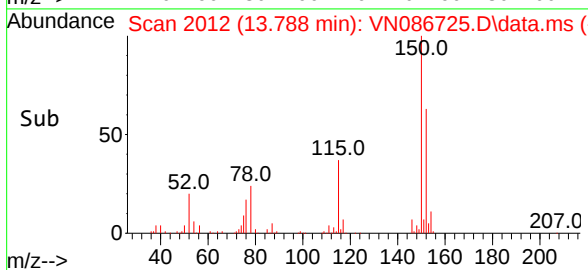
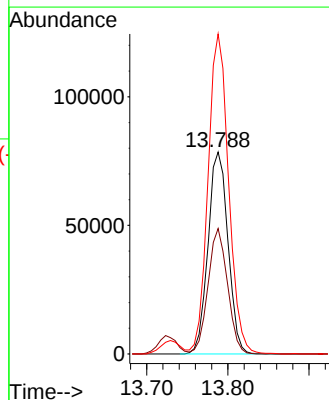
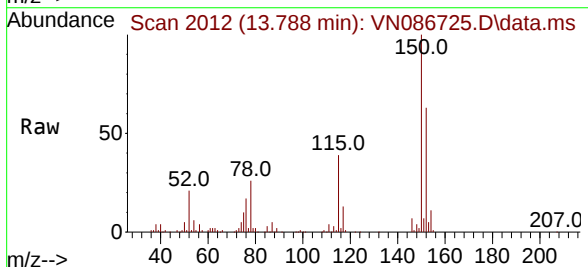
Manual Integrations
APPROVED

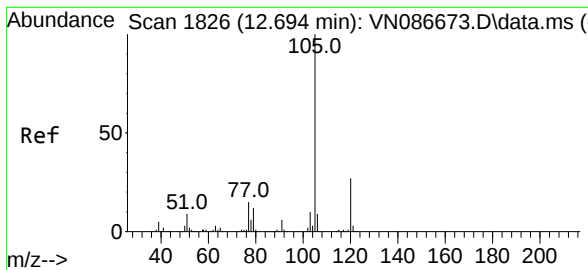
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

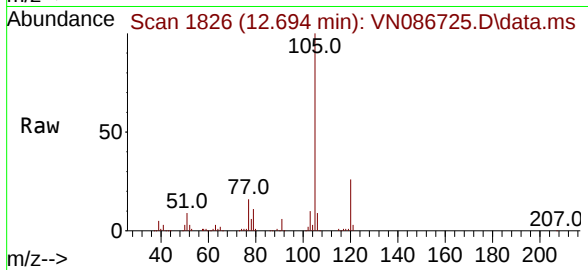
Tgt Ion:152 Resp: 133846
Ion Ratio Lower Upper
152 100
115 60.6 30.0 90.1
150 163.4 0.0 347.8





#73
Isopropylbenzene
Concen: 19.208 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

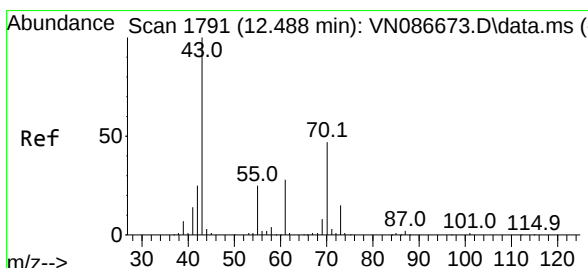
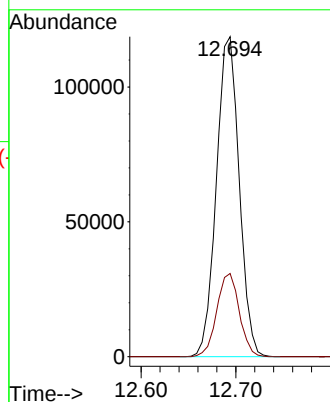
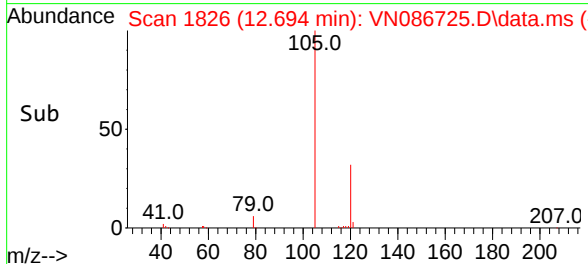
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



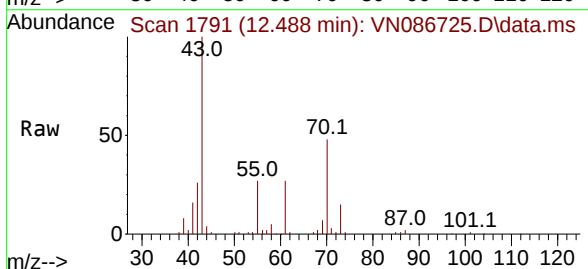
Tgt Ion: 105 Resp: 19856
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

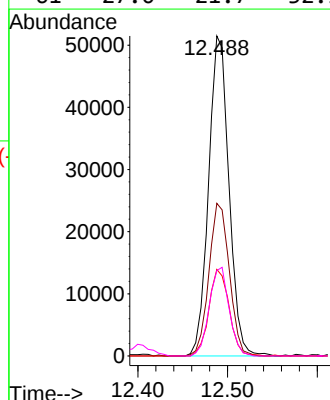
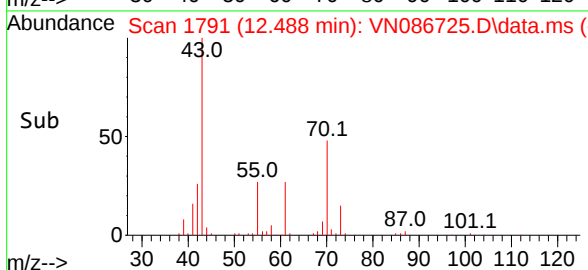
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

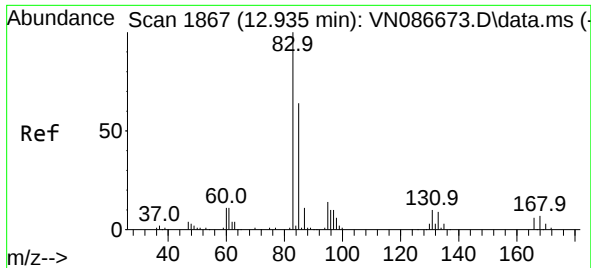


#74
N-ethyl acetate
Concen: 18.773 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



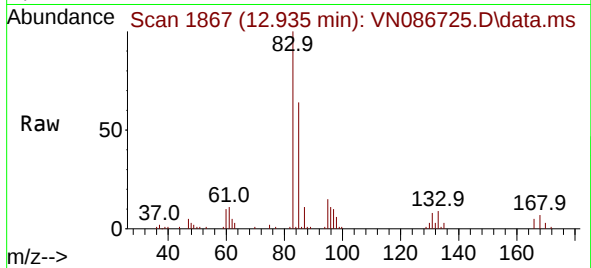
Tgt Ion: 43 Resp: 81083
Ion Ratio Lower Upper
43 100
70 47.8 37.9 56.9
55 26.8 20.5 30.7
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.049 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

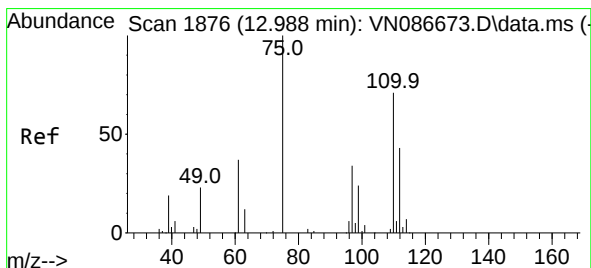
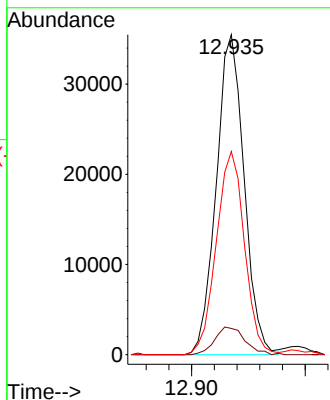
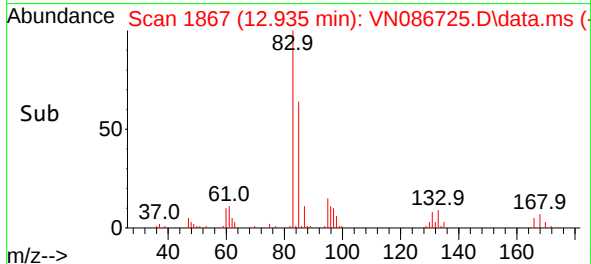
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



Tgt Ion: 83 Resp: 60498
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.1 32.4 97.2

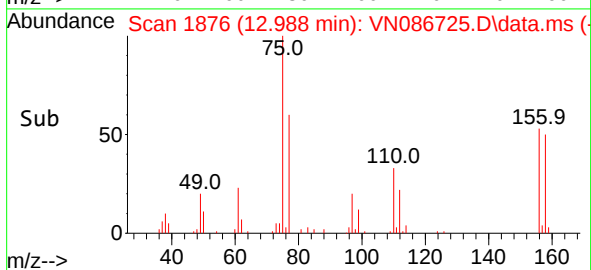
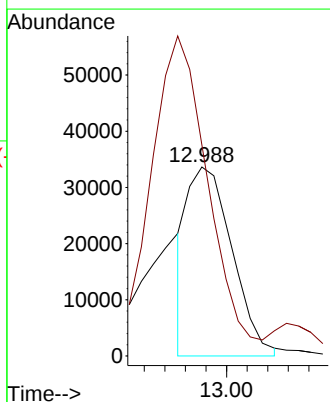
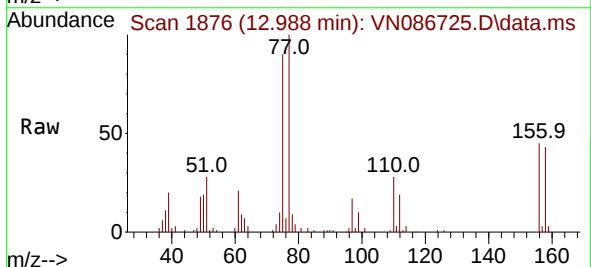
Manual Integrations
APPROVED

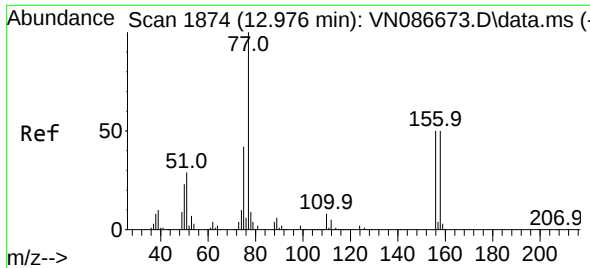
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#76
1,2,3-Trichloropropane
Concen: 16.831 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Tgt Ion: 75 Resp: 50948
Ion Ratio Lower Upper
75 100
77 218.4 96.0 288.1





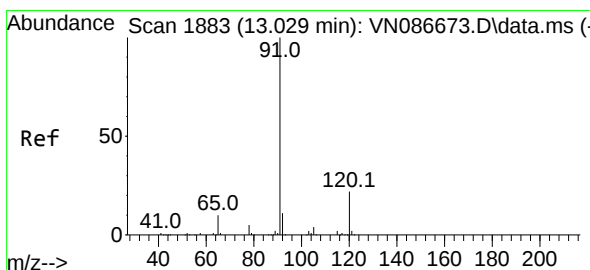
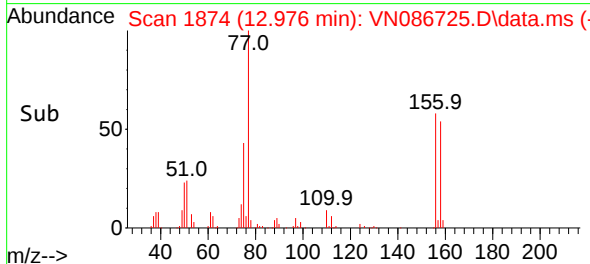
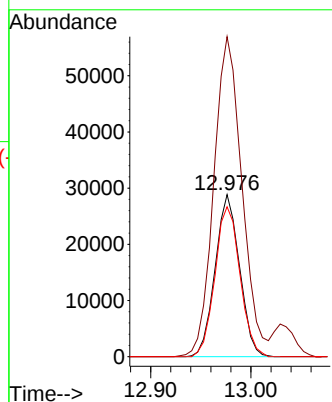
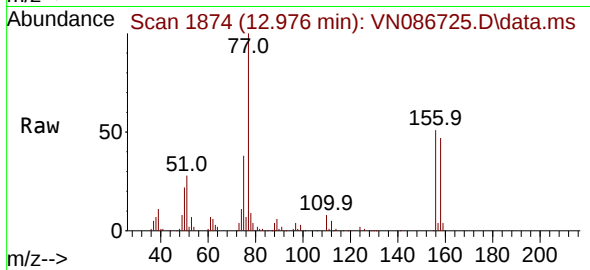
#77
Bromobenzene
Concen: 18.695 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:156 Resp: 4861
Ion Ratio Lower Upper
156 100
77 228.8 113.1 339.2
158 95.2 48.6 145.9

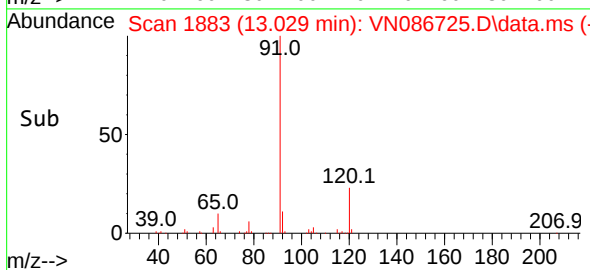
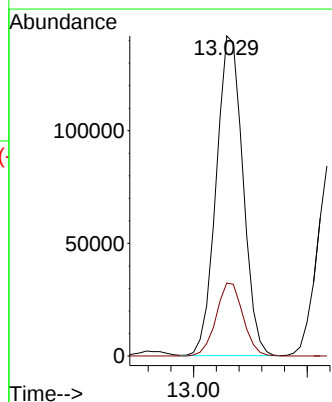
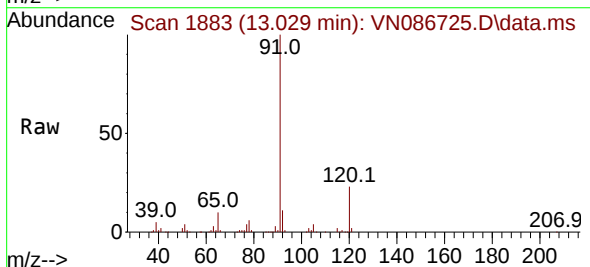
Manual Integrations
APPROVED

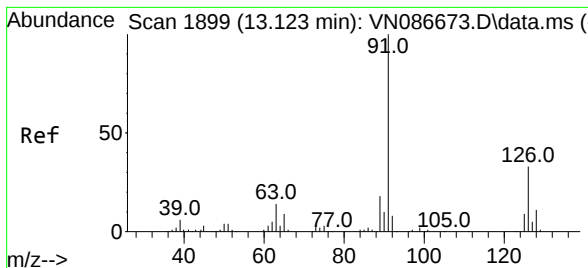
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#78
n-propylbenzene
Concen: 19.538 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Tgt Ion: 91 Resp: 231786
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.1





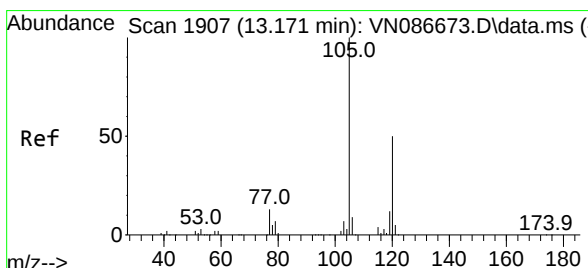
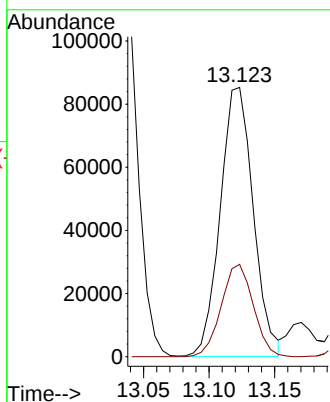
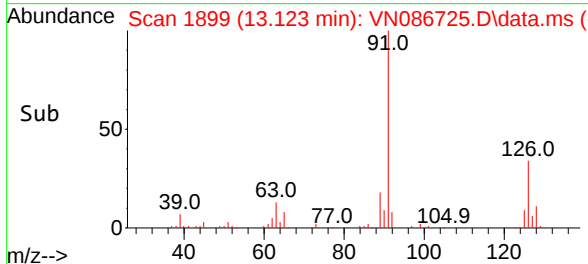
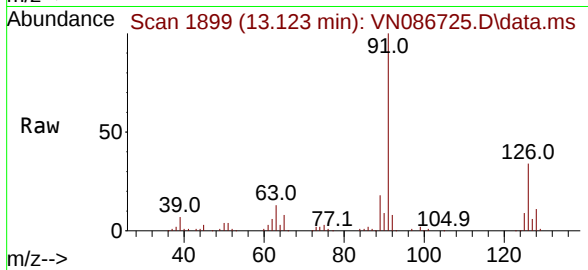
#79
2-Chlorotoluene
Concen: 19.363 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion: 91 Resp: 149362
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

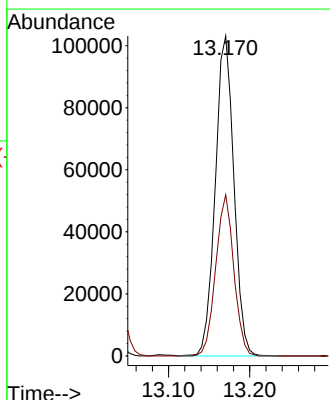
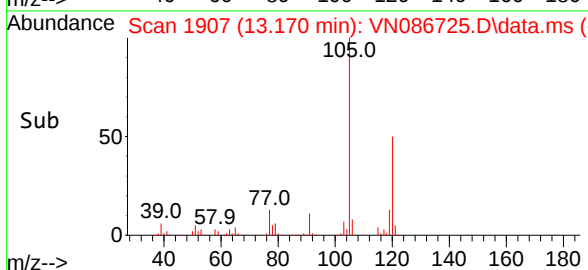
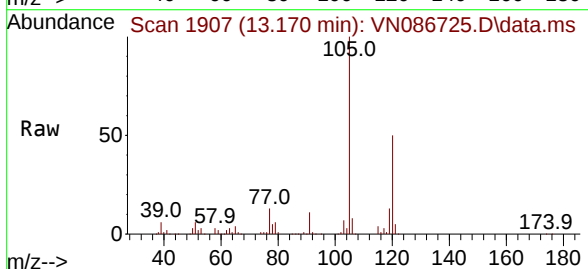
Manual Integrations
APPROVED

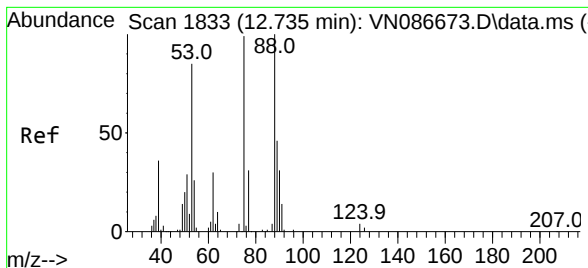
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.842 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

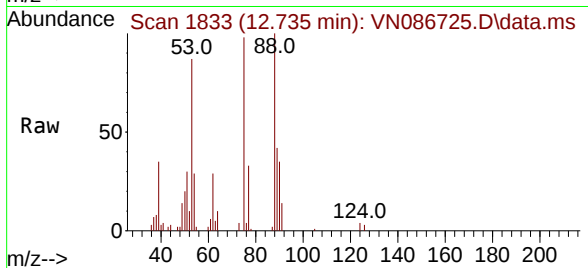
Tgt Ion:105 Resp: 164336
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.044 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

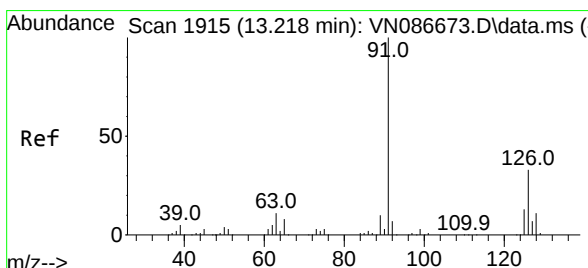
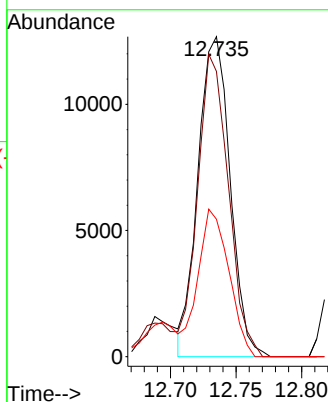
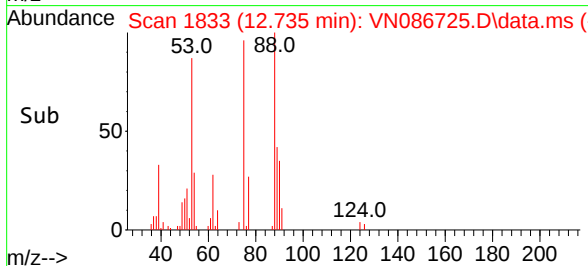
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



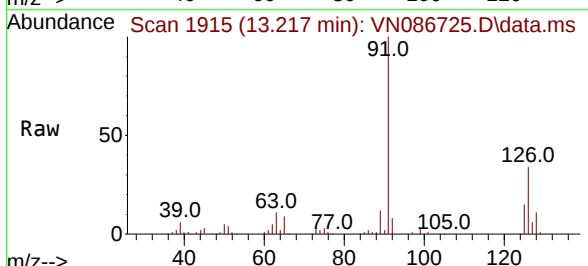
Tgt Ion: 75 Resp: 2164
Ion Ratio Lower Upper
75 100
53 90.4 70.4 105.6
89 44.7 32.4 48.6

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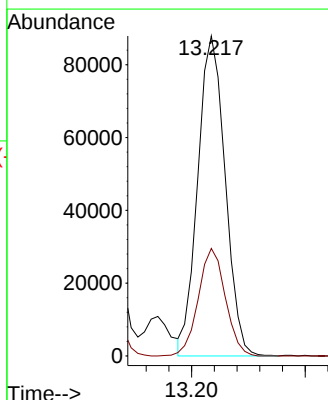
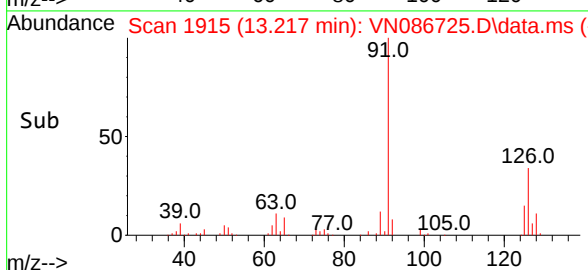
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

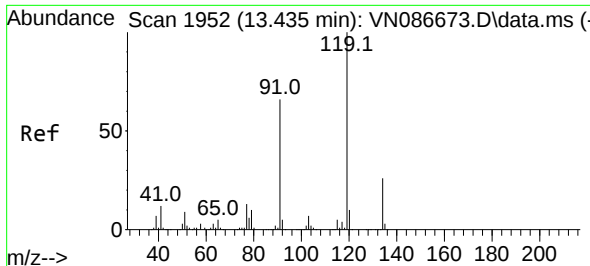


#82
4-Chlorotoluene
Concen: 19.258 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



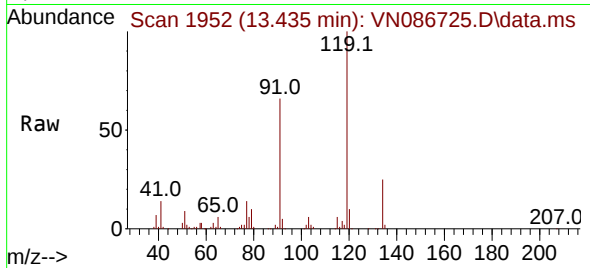
Tgt Ion: 91 Resp: 147173
Ion Ratio Lower Upper
91 100
126 33.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.947 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

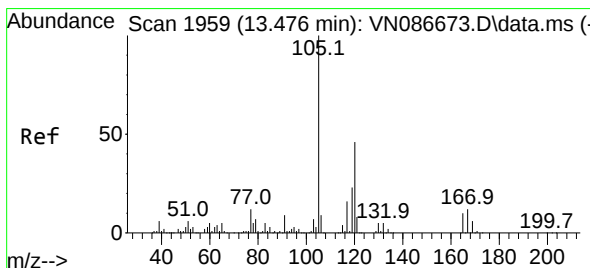
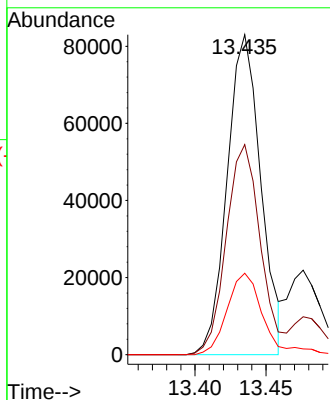
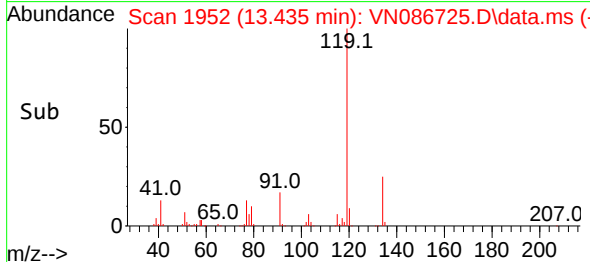
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



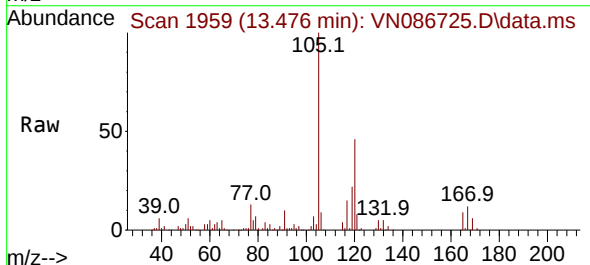
Tgt Ion:119 Resp: 136840
Ion Ratio Lower Upper
119 100
91 67.3 32.9 98.7
134 27.2 13.4 40.1

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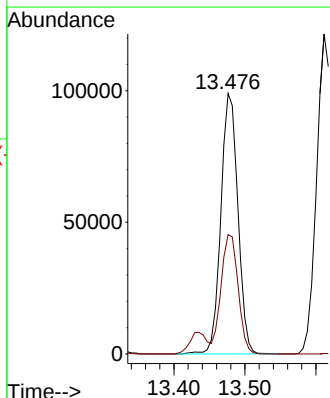
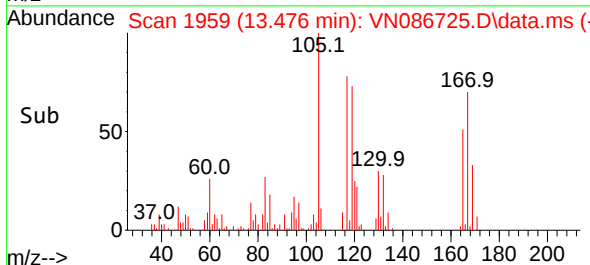
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

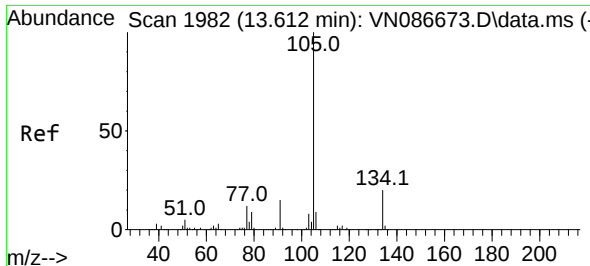


#84
1,2,4-Trimethylbenzene
Concen: 19.899 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



Tgt Ion:105 Resp: 164122
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.6





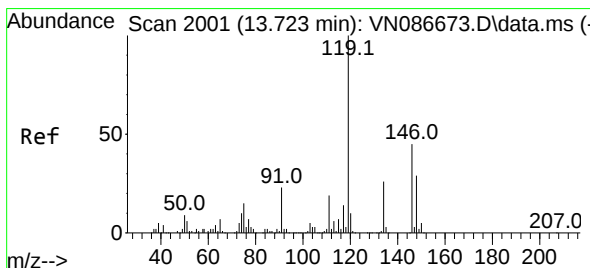
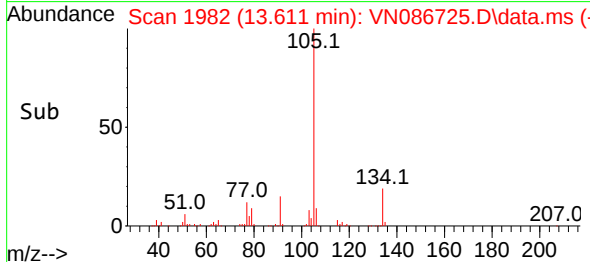
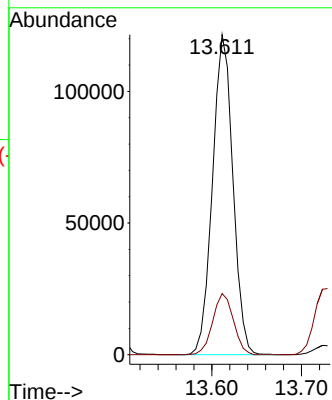
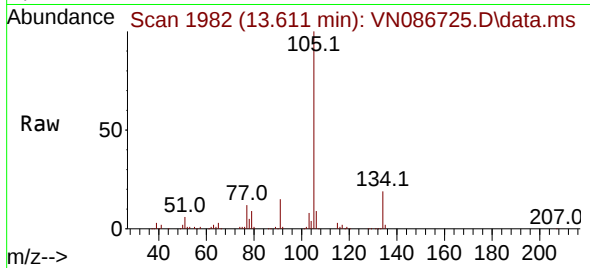
#85
 sec-Butylbenzene
 Concen: 19.821 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Tgt Ion:105 Resp: 19196
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1

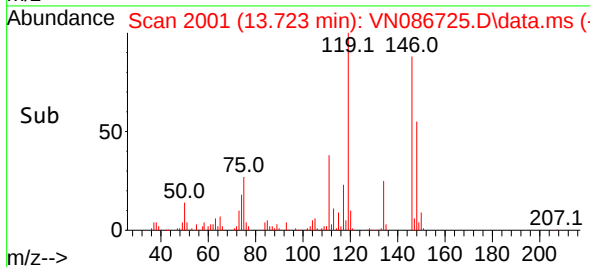
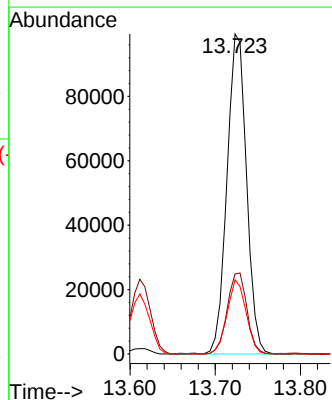
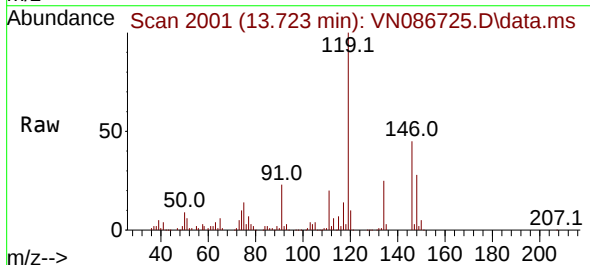
Manual Integrations
 APPROVED

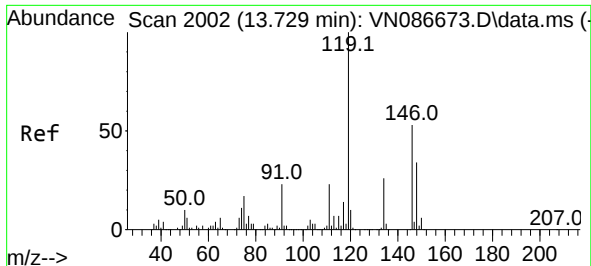
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#86
 p-Isopropyltoluene
 Concen: 19.917 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

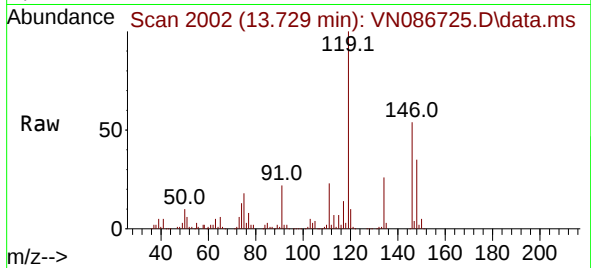
Tgt Ion:119 Resp: 158111
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 22.6 11.5 34.5





#87
 1,3-Dichlorobenzene
 Concen: 19.439 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32

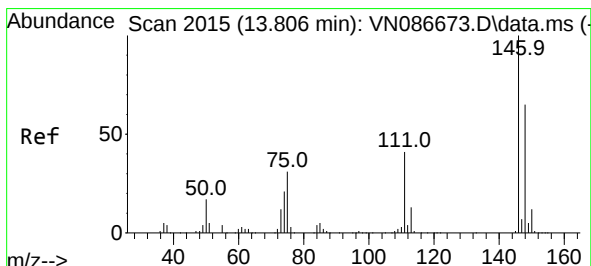
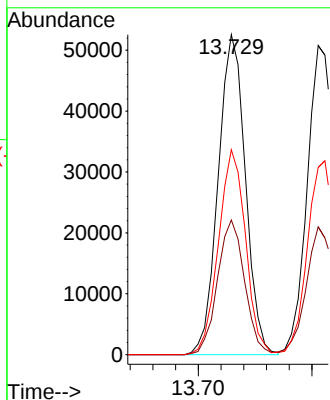
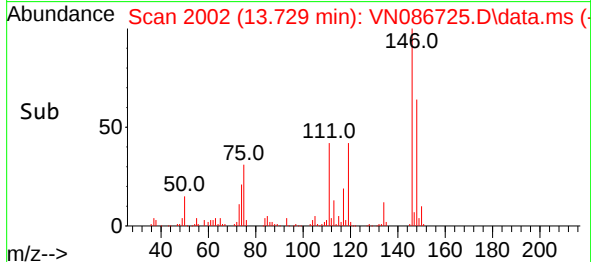
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01



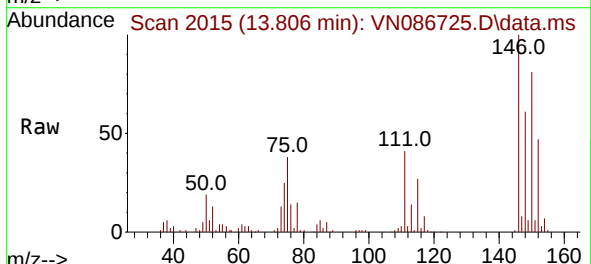
Tgt Ion:146 Resp: 87534
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.9 62.7
 148 63.9 31.8 95.4

Manual Integrations
 APPROVED

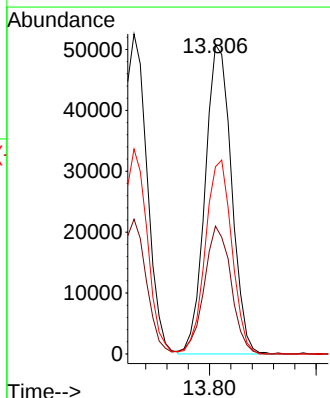
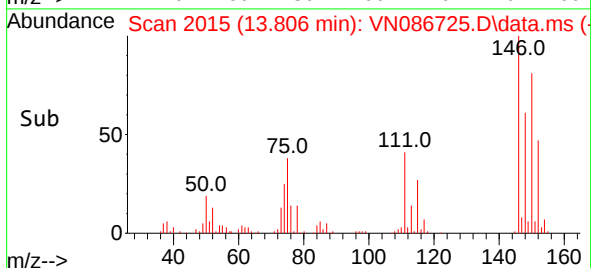
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

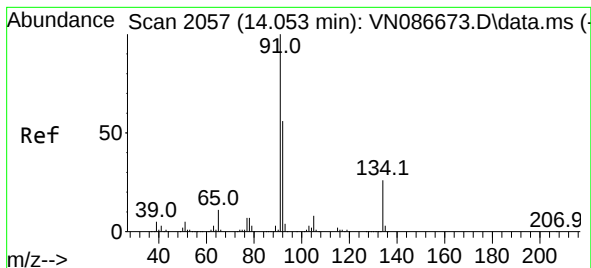


#88
 1,4-Dichlorobenzene
 Concen: 19.605 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086725.D
 Acq: 21 May 2025 12:32



Tgt Ion:146 Resp: 87467
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.6 61.8
 148 63.0 32.0 96.0





#89

n-Butylbenzene

Concen: 19.922 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

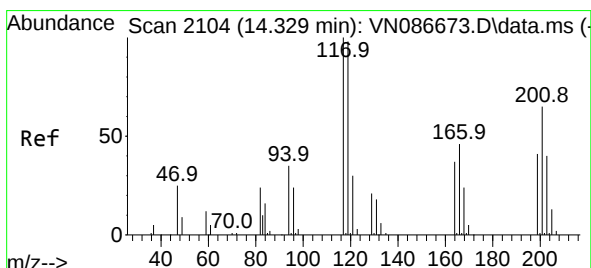
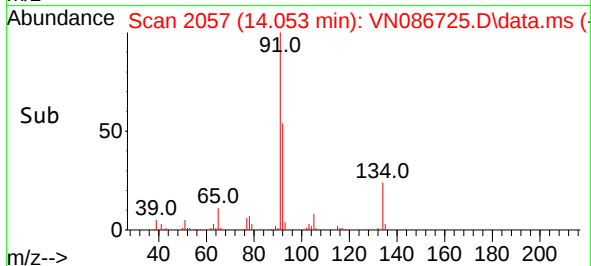
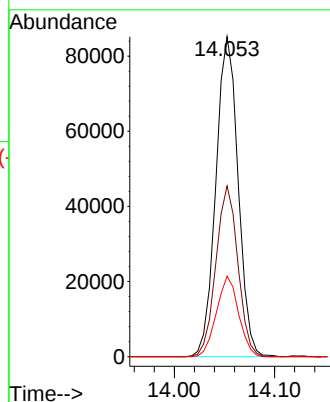
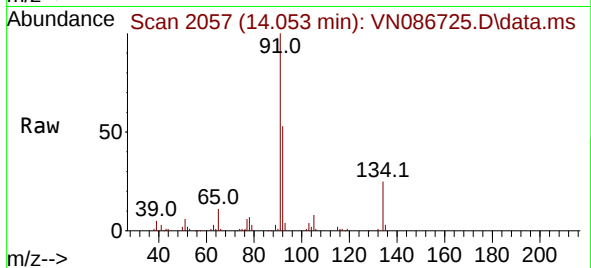
Tgt Ion: 91	Resp: 131100
Ion Ratio	Lower Upper
91	100
92	52.6 27.4 82.0
134	25.0 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#90

Hexachloroethane

Concen: 19.908 ug/l

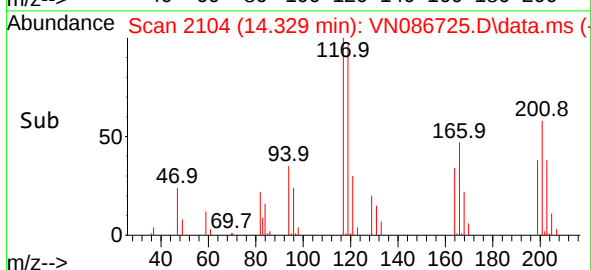
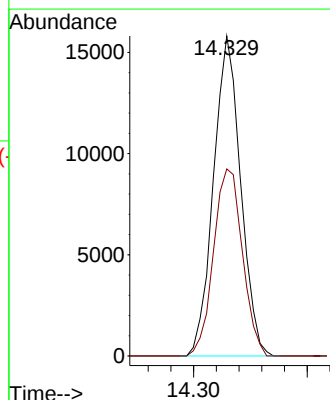
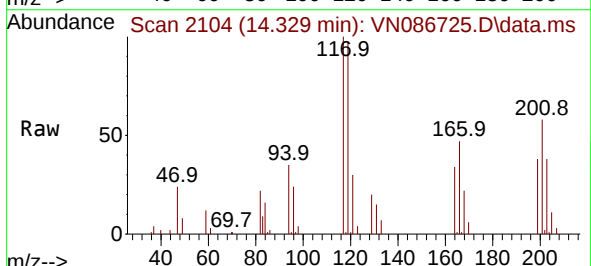
RT: 14.329 min Scan# 2104

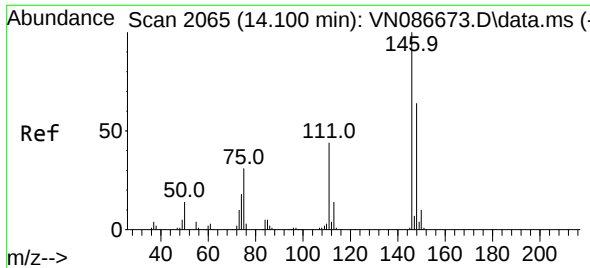
Delta R.T. -0.000 min

Lab File: VN086725.D

Acq: 21 May 2025 12:32

Tgt Ion: 117	Resp: 26221
Ion Ratio	Lower Upper
117	100
201	62.2 32.0 96.0





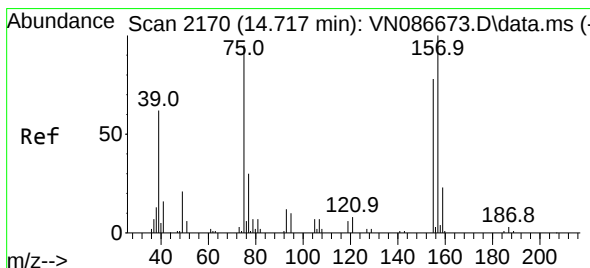
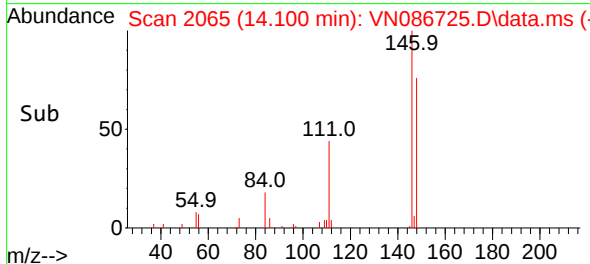
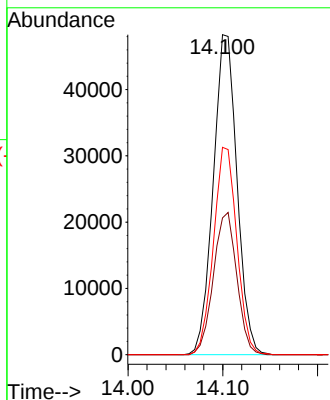
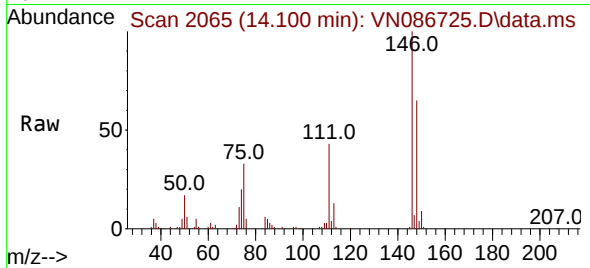
#91
1,2-Dichlorobenzene
Concen: 19.699 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:146 Resp: 8437
Ion Ratio Lower Upper
146 100
111 43.7 21.6 65.0
148 63.5 31.7 95.1

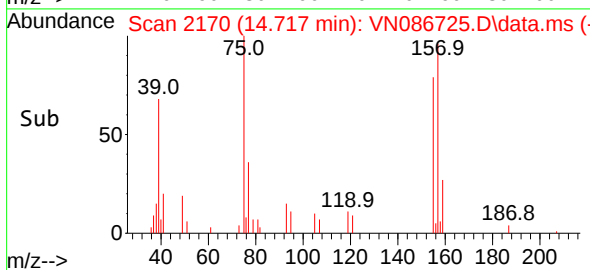
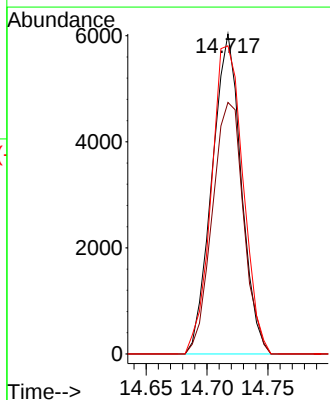
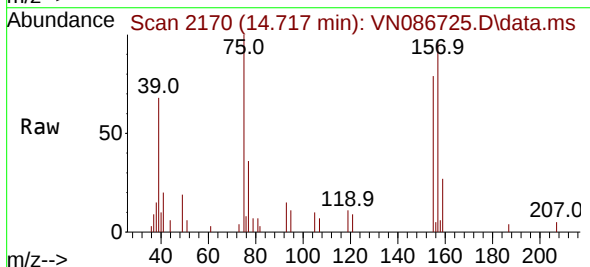
Manual Integrations
APPROVED

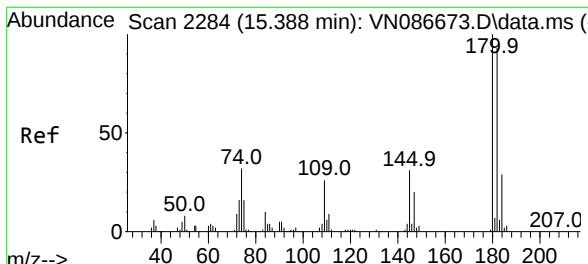
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.178 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

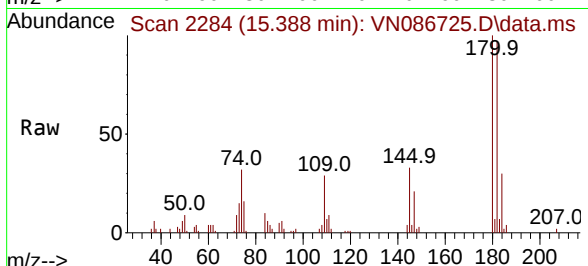
Tgt Ion: 75 Resp: 10090
Ion Ratio Lower Upper
75 100
155 84.1 40.5 121.5
157 104.5 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 19.195 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

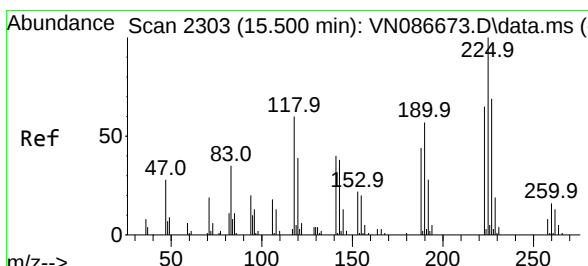
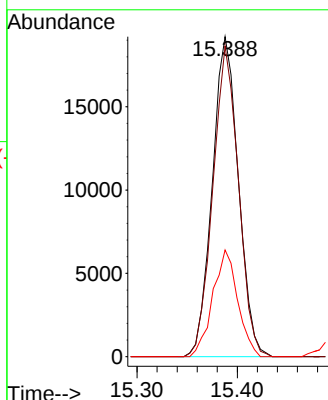
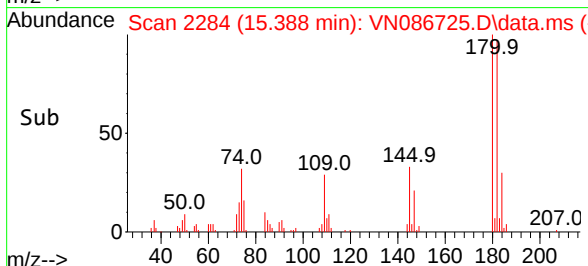
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



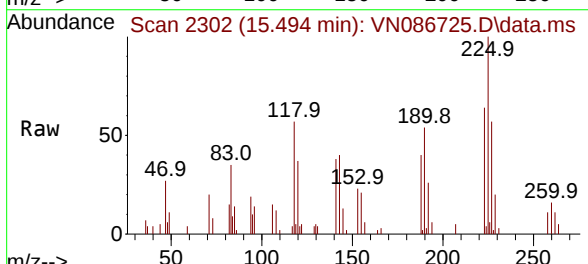
Tgt Ion:180 Resp: 3470
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 31.9 15.6 46.8

Manual Integrations
APPROVED

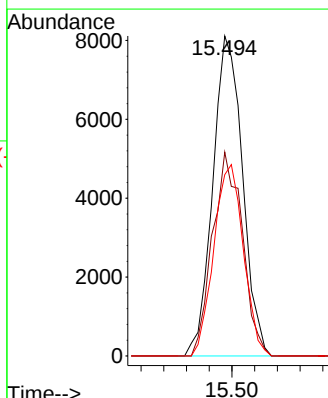
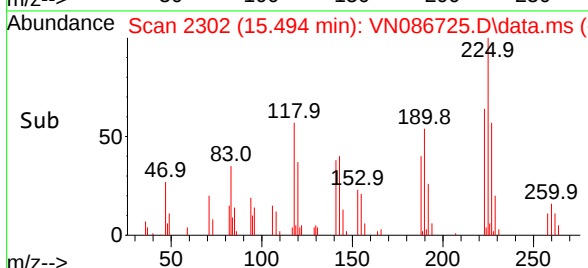
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

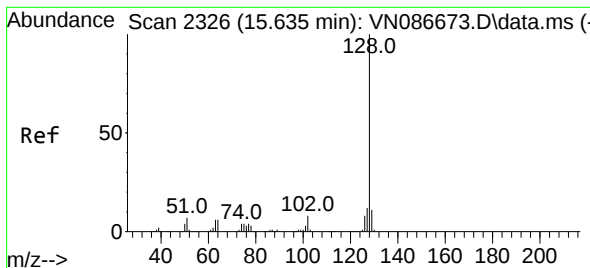


#94
Hexachlorobutadiene
Concen: 19.641 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



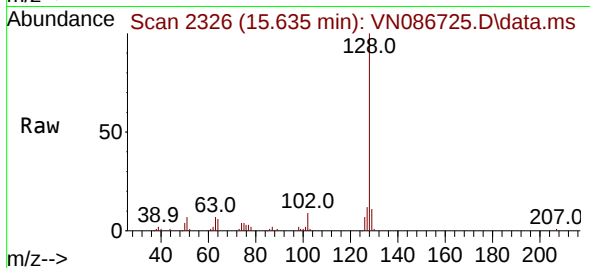
Tgt Ion:225 Resp: 14732
Ion Ratio Lower Upper
225 100
223 63.8 32.9 98.6
227 59.6 32.4 97.2





#95
Naphthalene
Concen: 17.991 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32

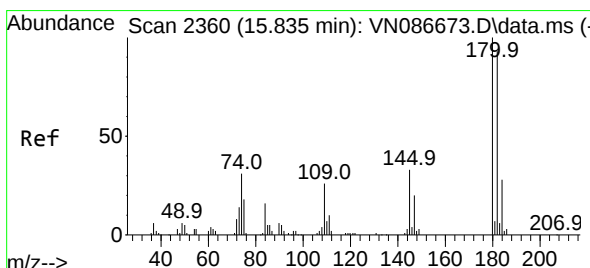
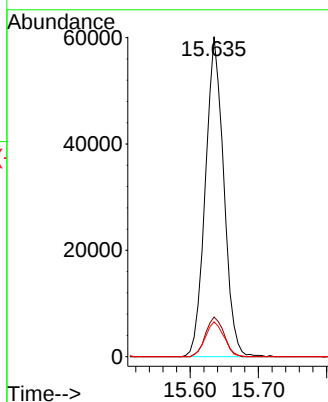
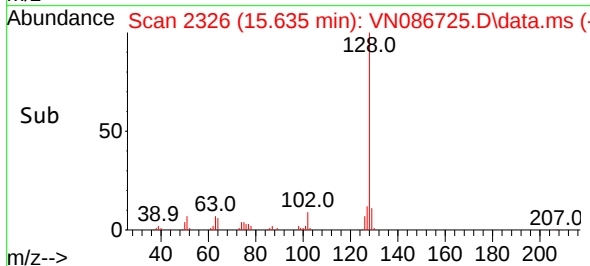
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



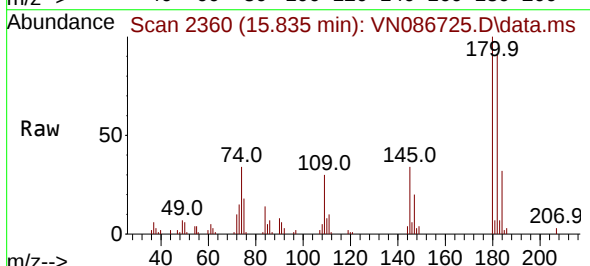
Tgt Ion:128 Resp: 112930
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.615 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086725.D
Acq: 21 May 2025 12:32



Tgt Ion:180 Resp: 32956
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 34.8 16.7 50.1

