

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086780.D
 Acq On : 27 May 2025 13:18
 Operator : JC\MD
 Sample : VN0527WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0527WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 01:46:58 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	236828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142594	43.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.140%		
35) Dibromofluoromethane	8.165	113	120674	49.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.565	98	488223	48.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.400%		
62) 4-Bromofluorobenzene	12.847	95	172994	48.369	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47428	18.544	ug/l	100
3) Chloromethane	2.359	50	61836	15.985	ug/l	97
4) Vinyl Chloride	2.512	62	57185	16.460	ug/l	95
5) Bromomethane	2.959	94	34128	17.040	ug/l	96
6) Chloroethane	3.118	64	36939	16.231	ug/l	97
7) Trichlorofluoromethane	3.500	101	71863	17.309	ug/l	94
8) Diethyl Ether	3.959	74	33630	19.608	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	45213	18.190	ug/l	97
10) Methyl Iodide	4.589	142	52665	17.034	ug/l	95
11) Tert butyl alcohol	5.506	59	49253	82.638	ug/l	98
12) 1,1-Dichloroethene	4.341	96	47163	17.855	ug/l	96
13) Acrolein	4.177	56	62835	98.619	ug/l	100
14) Allyl chloride	5.018	41	67279	16.827	ug/l	95
15) Acrylonitrile	5.718	53	128710	87.219	ug/l	99
16) Acetone	4.424	43	93574	76.440	ug/l	95
17) Carbon Disulfide	4.712	76	125578	17.171	ug/l	98
18) Methyl Acetate	5.018	43	55444	16.182	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	166772	18.542	ug/l	99
20) Methylene Chloride	5.271	84	55718	17.248	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	49265	17.640	ug/l	98
22) Diisopropyl ether	6.671	45	160383	17.781	ug/l	97
23) Vinyl Acetate	6.600	43	574929	84.808	ug/l	99
24) 1,1-Dichloroethane	6.571	63	92967	17.555	ug/l	98
25) 2-Butanone	7.477	43	156746	82.862	ug/l	98
26) 2,2-Dichloropropane	7.488	77	77114	17.645	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	62071	18.107	ug/l	98
28) Bromochloromethane	7.812	49	47197	19.615	ug/l	92
29) Tetrahydrofuran	7.835	42	103577	83.888	ug/l	96
30) Chloroform	7.965	83	91768	17.313	ug/l	97
31) Cyclohexane	8.253	56	81448	16.583	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77985	17.450	ug/l	95
36) 1,1-Dichloropropene	8.371	75	65977	18.300	ug/l	99
37) Ethyl Acetate	7.559	43	62487	17.158	ug/l	97
38) Carbon Tetrachloride	8.359	117	65228	18.362	ug/l	98
39) Methylcyclohexane	9.594	83	74691	19.141	ug/l	96
40) Benzene	8.606	78	221453	18.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33324	16.947	ug/l	95
42) 1,2-Dichloroethane	8.671	62	65633	17.912	ug/l	97
43) Isopropyl Acetate	8.682	43	111537	15.277	ug/l	96
44) Trichloroethene	9.347	130	55688	19.631	ug/l	99
45) 1,2-Dichloropropane	9.618	63	52396	18.753	ug/l	98
46) Dibromomethane	9.706	93	34664	18.387	ug/l	97
47) Bromodichloromethane	9.882	83	72336	18.622	ug/l	99
48) Methyl methacrylate	9.676	41	49300	17.426	ug/l	93
49) 1,4-Dioxane	9.688	88	22009	367.388	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	317103	86.126	ug/l	97
52) Toluene	10.629	92	137053	18.749	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	79344	19.292	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	87189	19.420	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	51478	18.878	ug/l	99
56) Ethyl methacrylate	10.870	69	82205	18.776	ug/l	95
57) 1,3-Dichloropropane	11.159	76	88261	18.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	191834	98.038	ug/l	98
59) 2-Hexanone	11.194	43	227334	84.552	ug/l	96
60) Dibromochloromethane	11.359	129	56464	19.758	ug/l	99
61) 1,2-Dibromoethane	11.465	107	51768	18.892	ug/l	100
64) Tetrachloroethene	11.100	164	57291	20.491	ug/l	95
65) Chlorobenzene	11.888	112	150810	18.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	49778	19.266	ug/l	98
67) Ethyl Benzene	11.959	91	251200	18.324	ug/l	96
68) m/p-Xylenes	12.070	106	199597	38.441	ug/l	95
69) o-Xylene	12.394	106	96784	18.749	ug/l	99
70) Styrene	12.406	104	160791	19.025	ug/l	99
71) Bromoform	12.576	173	37228	20.260	ug/l #	98
73) Isopropylbenzene	12.694	105	229899	17.635	ug/l	97
74) N-amyl acetate	12.494	43	85353	15.671	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	67249	16.791	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	79268m	20.765	ug/l	
77) Bromobenzene	12.976	156	58262	17.767	ug/l	95
78) n-propylbenzene	13.035	91	264440	17.676	ug/l	99
79) 2-Chlorotoluene	13.123	91	171027	17.582	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	190254	18.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29043	19.201	ug/l	90
82) 4-Chlorotoluene	13.217	91	170209	17.662	ug/l	99
83) tert-Butylbenzene	13.435	119	165362	18.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	193220	18.578	ug/l	100
85) sec-Butylbenzene	13.611	105	226496	18.545	ug/l	99
86) p-Isopropyltoluene	13.723	119	190566	19.036	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	105845	18.640	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	107765	19.154	ug/l	99
89) n-Butylbenzene	14.053	91	157214	18.944	ug/l	99
90) Hexachloroethane	14.329	117	30788	18.536	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	103813	19.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12122	18.271	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	48171	21.129	ug/l	99
94) Hexachlorobutadiene	15.494	225	19753	20.883	ug/l	96
95) Naphthalene	15.635	128	154596	19.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	45761	20.496	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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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

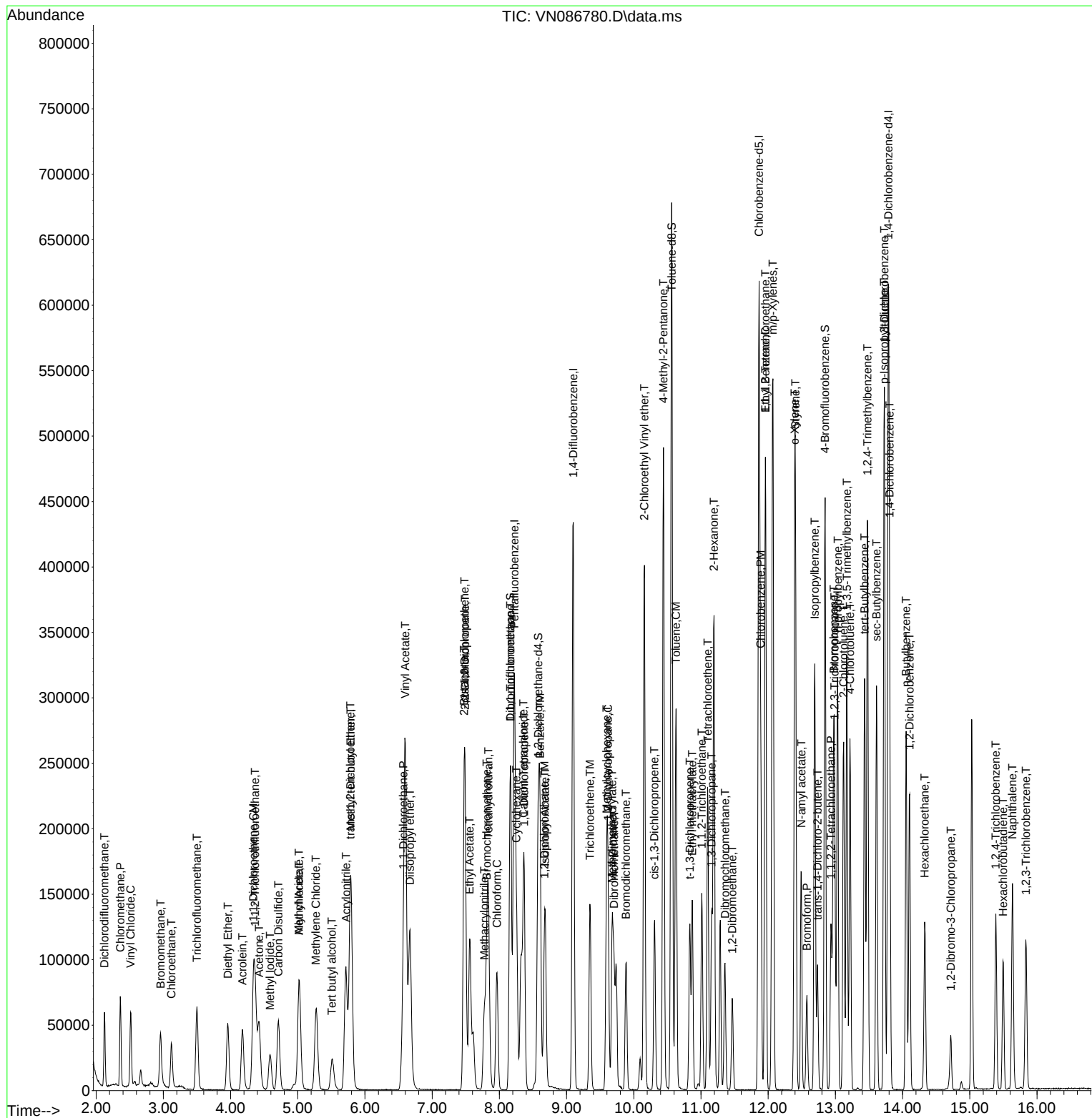
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 ALS Vial : 6 Sample Multiplier: 1

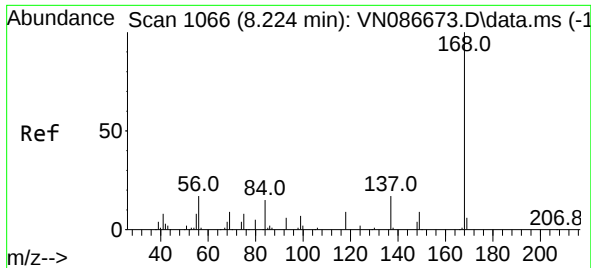
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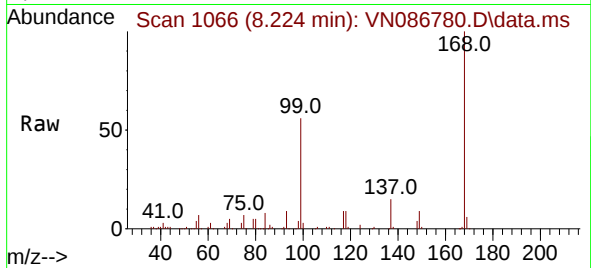
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086780.D
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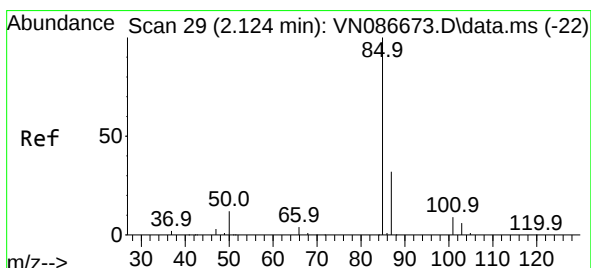
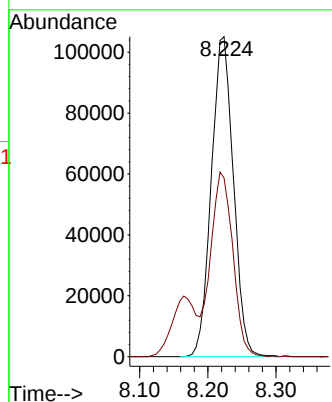
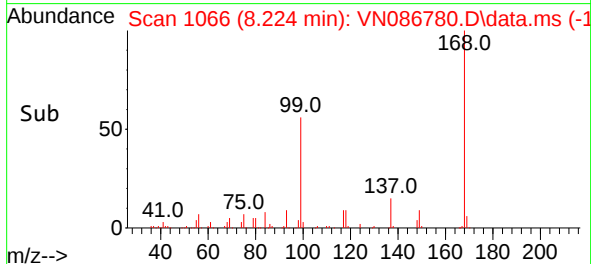
Instrument :
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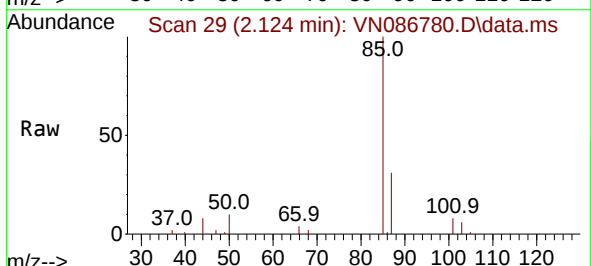
Tgt Ion:168 Resp: 236828
Ion Ratio Lower Upper
168 100
99 55.9 47.0 70.4

Manual Integrations
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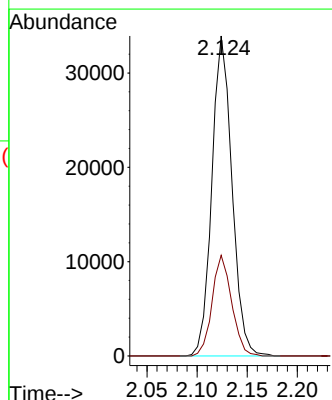
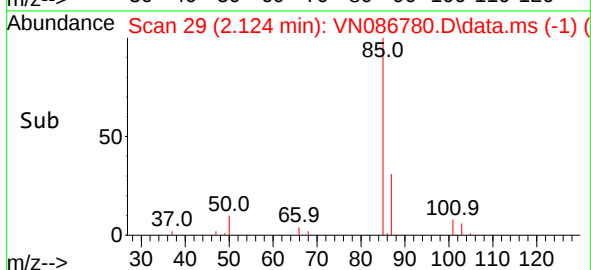
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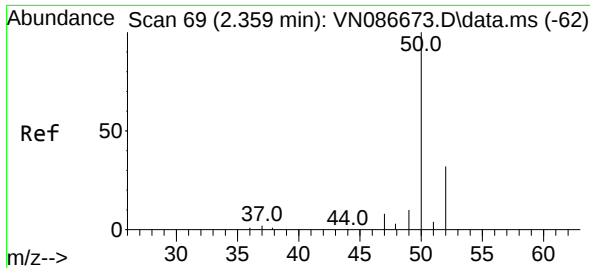


#2
Dichlorodifluoromethane
Concen: 18.544 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



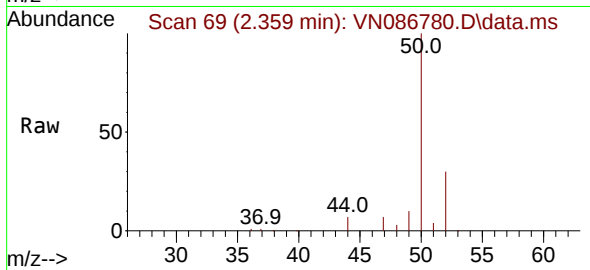
Tgt Ion: 85 Resp: 47428
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.6





#3
Chloromethane
Concen: 15.985 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

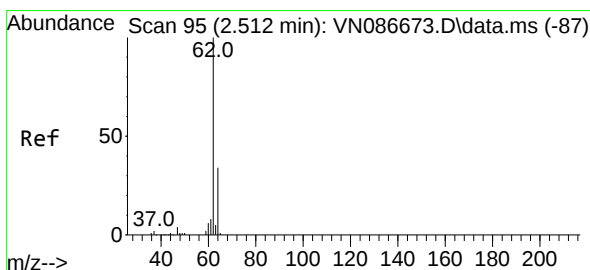
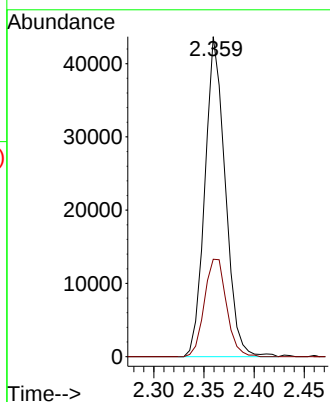
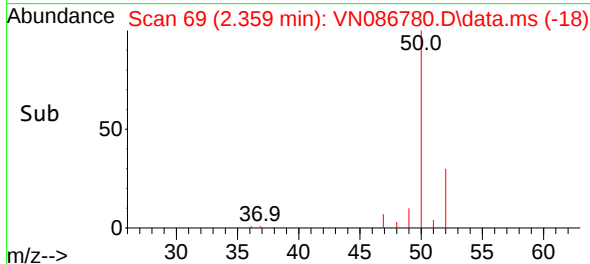
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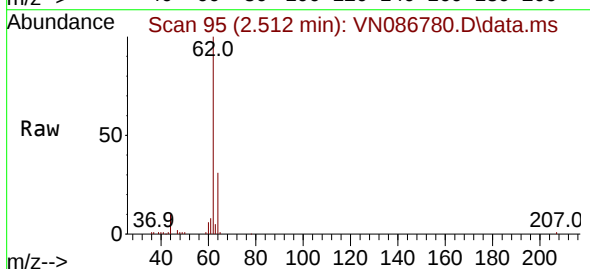
Tgt Ion: 50 Resp: 61830
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9

Manual Integrations
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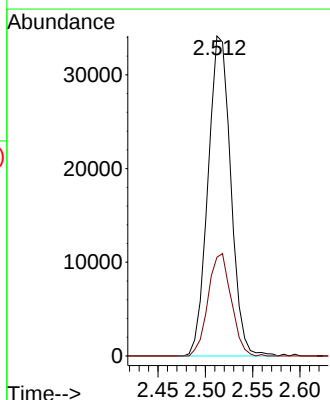
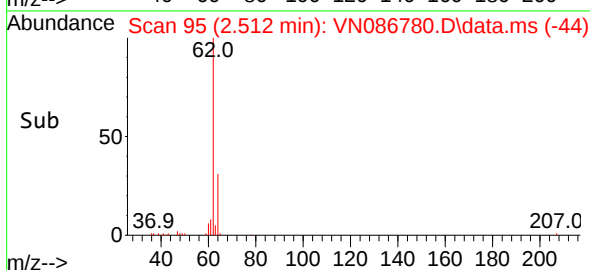
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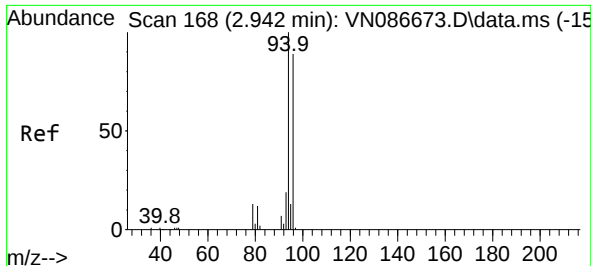


#4
Vinyl Chloride
Concen: 16.460 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



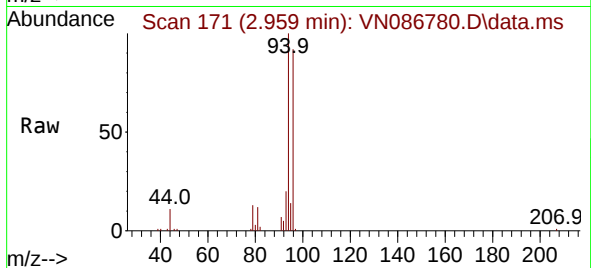
Tgt Ion: 62 Resp: 57185
Ion Ratio Lower Upper
62 100
64 30.9 26.9 40.3





#5
Bromomethane
Concen: 17.040 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN086780.D
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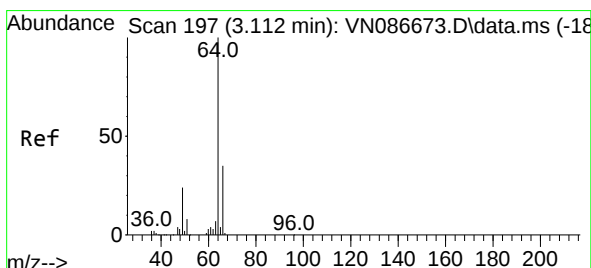
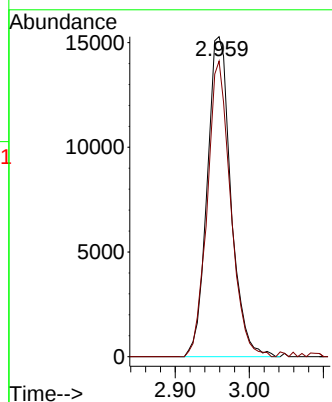
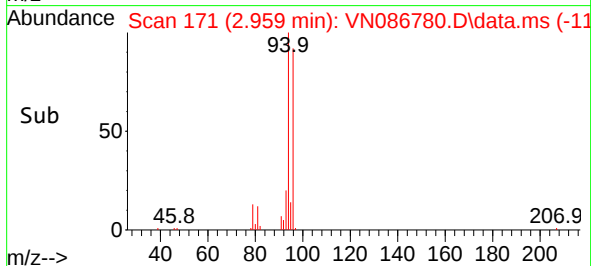
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Tgt Ion: 94 Resp: 34128
Ion Ratio Lower Upper
94 100
96 92.3 71.2 106.8

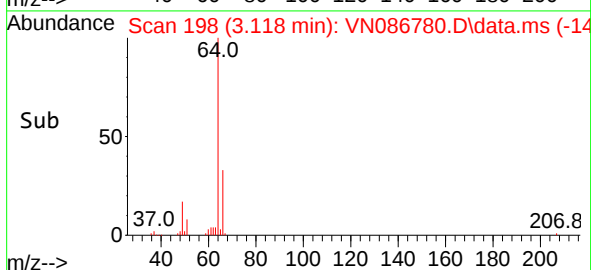
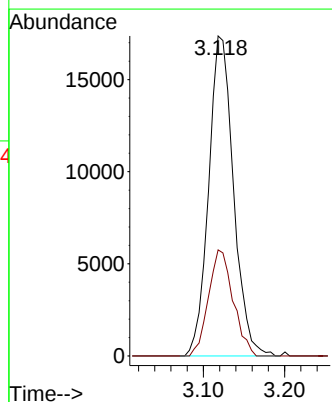
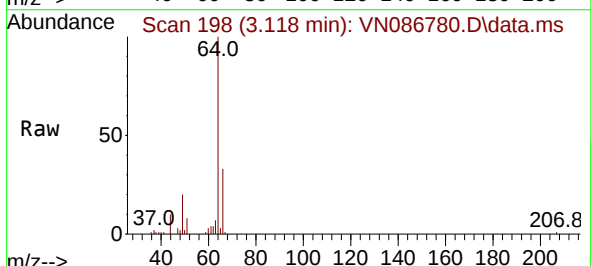
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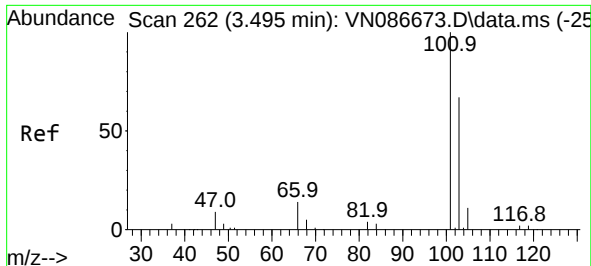
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 16.231 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion: 64 Resp: 36939
Ion Ratio Lower Upper
64 100
66 33.1 27.7 41.5





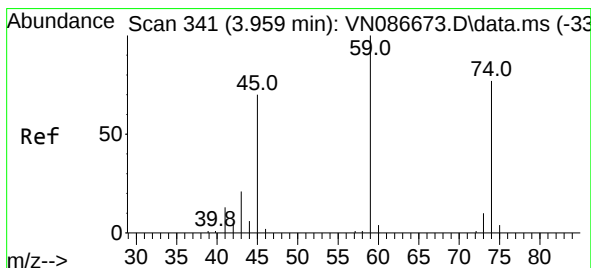
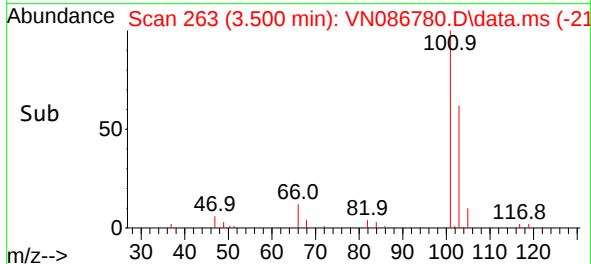
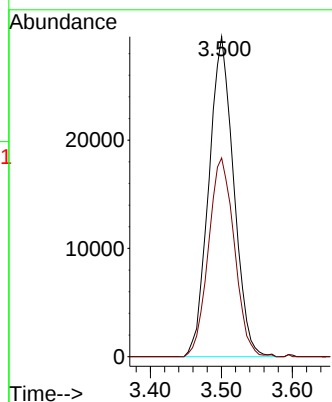
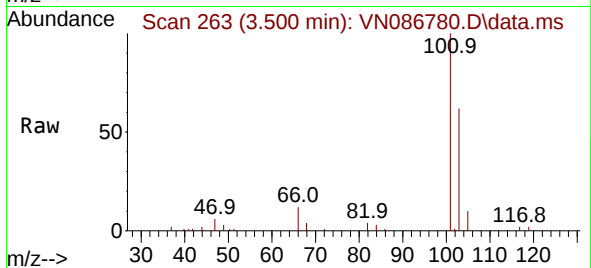
#7
 Trichlorofluoromethane
 Concen: 17.309 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

Instrument :
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Tgt Ion:101 Resp: 7186
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.4 80.0

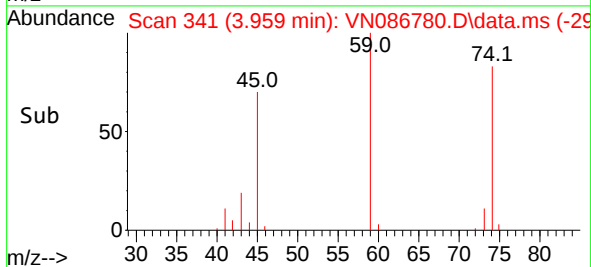
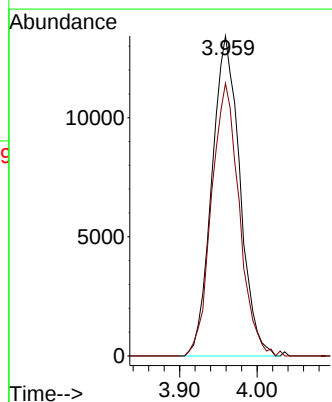
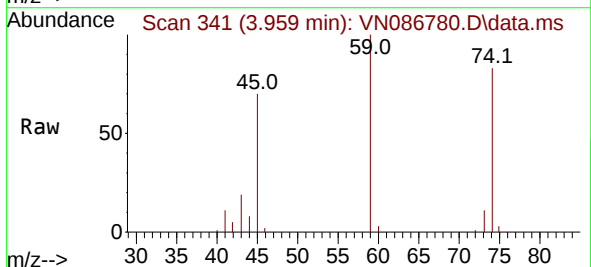
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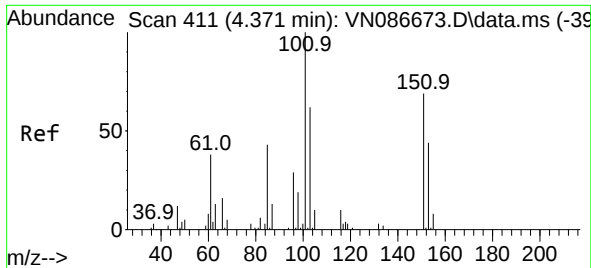
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#8
 Diethyl Ether
 Concen: 19.608 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

Tgt Ion: 74 Resp: 33630
 Ion Ratio Lower Upper
 74 100
 45 84.7 45.0 135.0





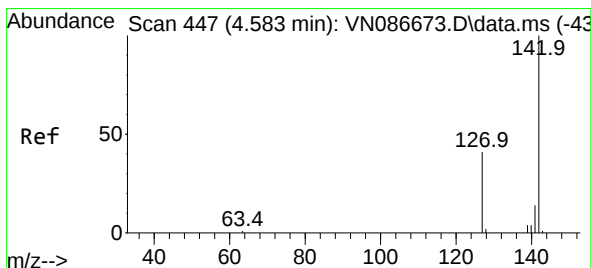
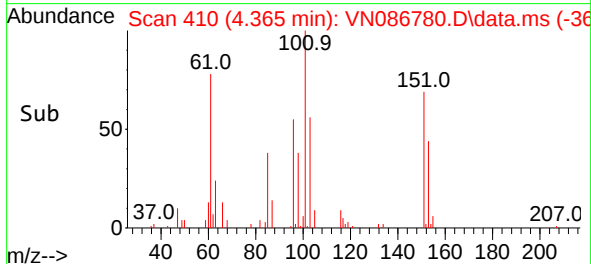
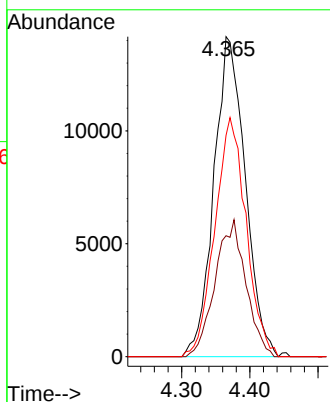
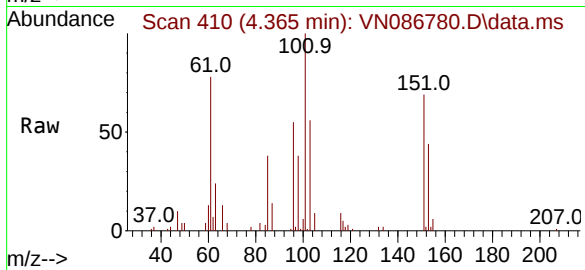
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.190 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion:101 Resp: 4521
Ion Ratio Lower Upper
101 100
85 42.0 35.0 52.6
151 74.7 58.1 87.1

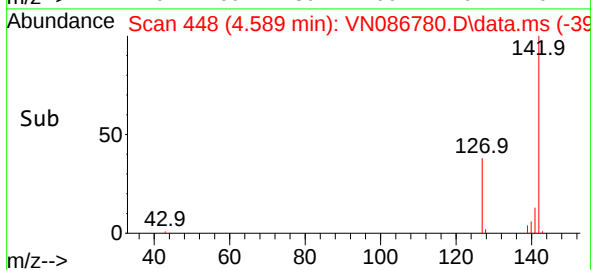
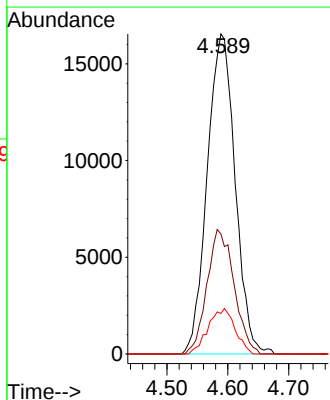
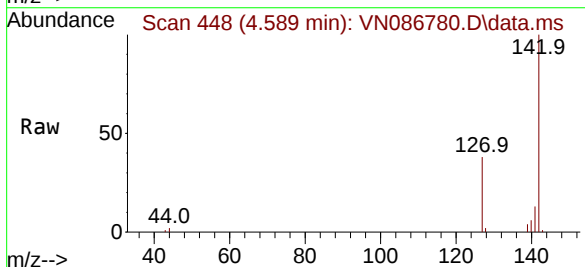
Manual Integrations
APPROVED

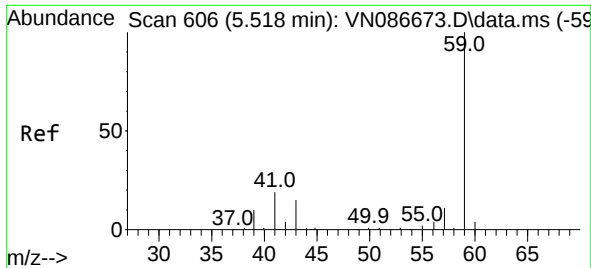
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 17.034 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion:142 Resp: 52665
Ion Ratio Lower Upper
142 100
127 37.5 32.4 48.6
141 12.7 11.4 17.2





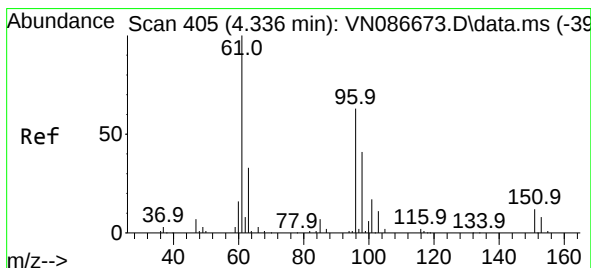
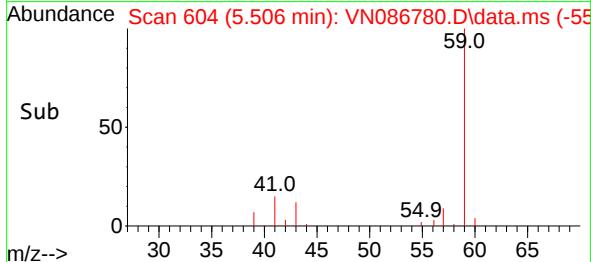
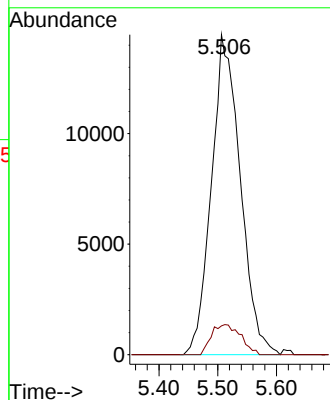
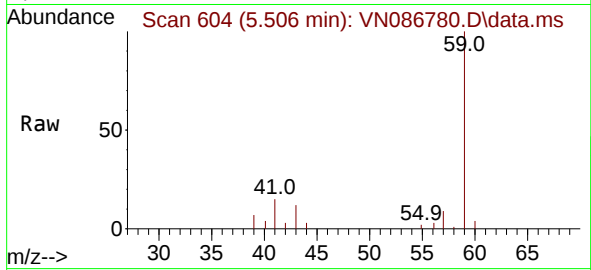
#11
Tert butyl alcohol
Concen: 82.638 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion: 59 Resp: 4925
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

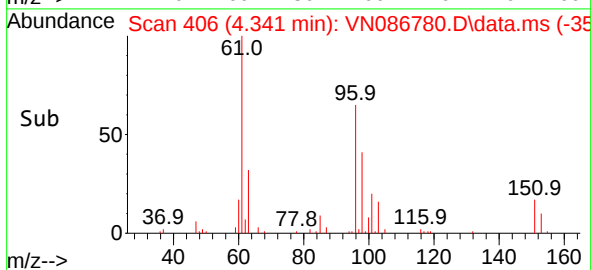
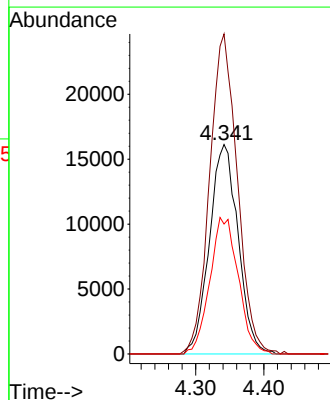
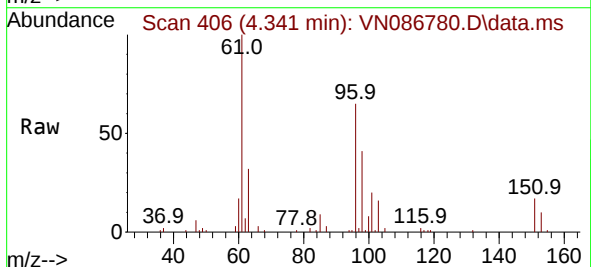
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#12
1,1-Dichloroethene
Concen: 17.855 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

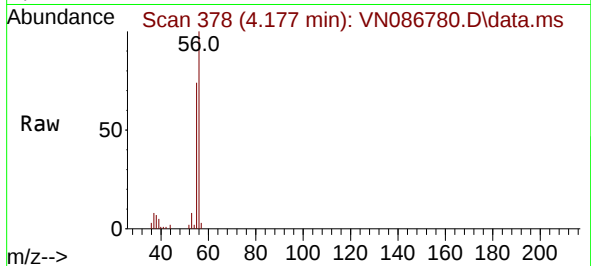
Tgt Ion: 96 Resp: 47163
Ion Ratio Lower Upper
96 100
61 152.8 126.2 189.2
98 62.0 51.5 77.3





#13
Acrolein
Concen: 98.619 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

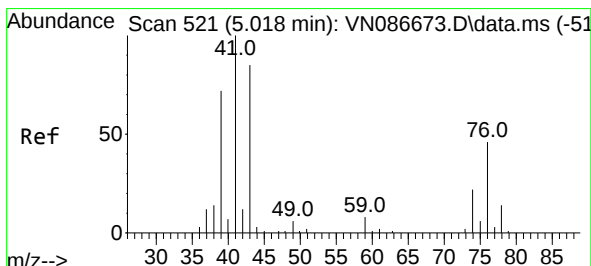
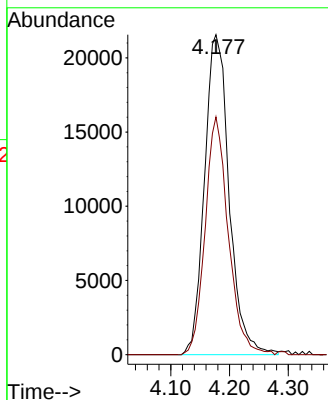
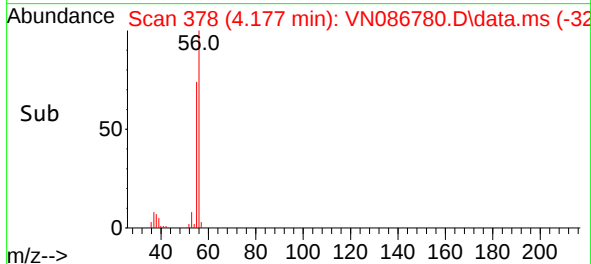
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



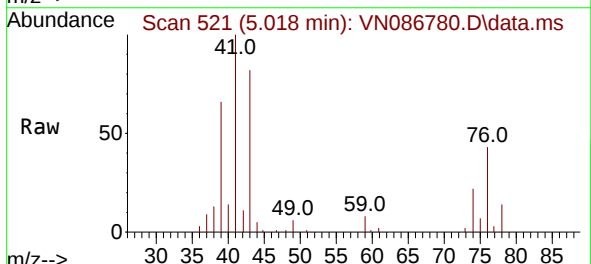
Tgt Ion: 56 Resp: 62835
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5

Manual Integrations
APPROVED

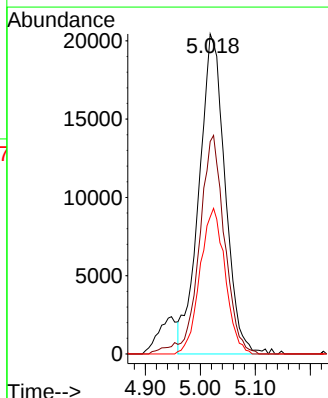
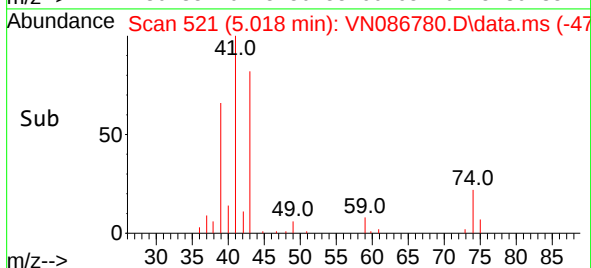
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

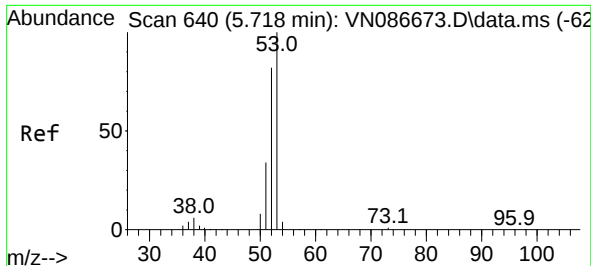


#14
Allyl chloride
Concen: 16.827 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



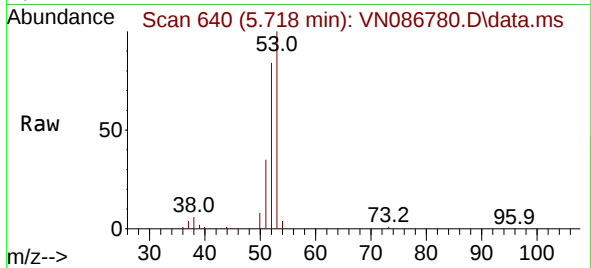
Tgt Ion: 41 Resp: 67279
Ion Ratio Lower Upper
41 100
39 66.5 57.4 86.0
76 43.8 33.2 49.8





#15
Acrylonitrile
Concen: 87.219 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

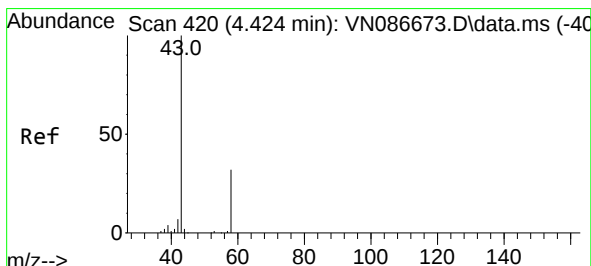
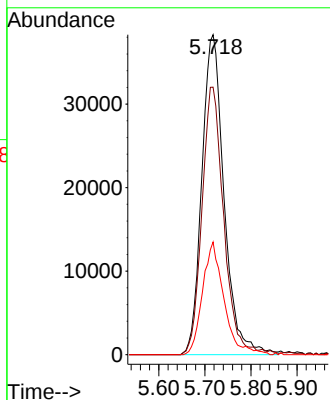
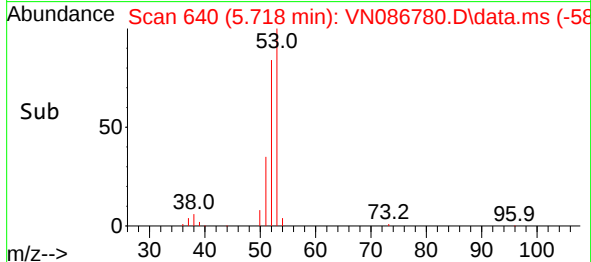
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 53 Resp: 128710
Ion Ratio Lower Upper
53 100
52 82.1 65.4 98.2
51 34.0 27.9 41.9

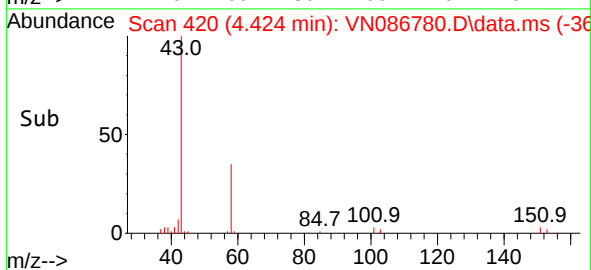
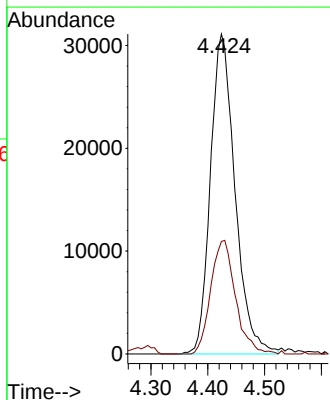
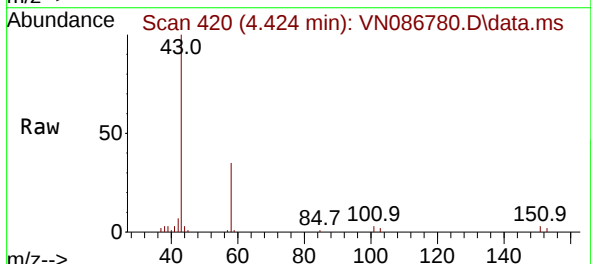
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#16
Acetone
Concen: 76.440 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

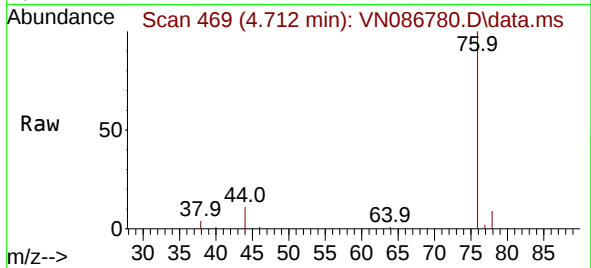
Tgt Ion: 43 Resp: 93574
Ion Ratio Lower Upper
43 100
58 35.1 25.8 38.6





#17
Carbon Disulfide
Concen: 17.171 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

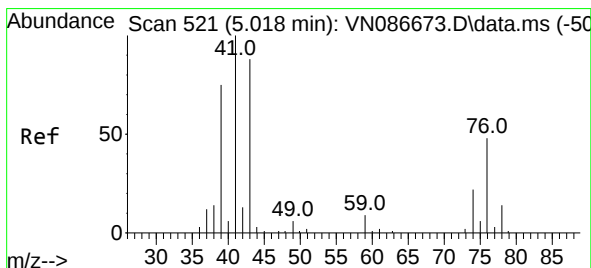
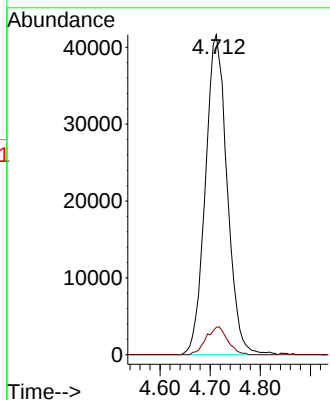
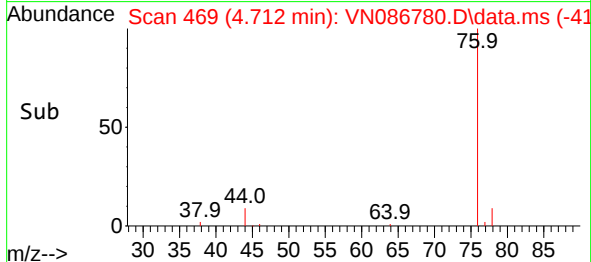
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 76 Resp: 125578
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

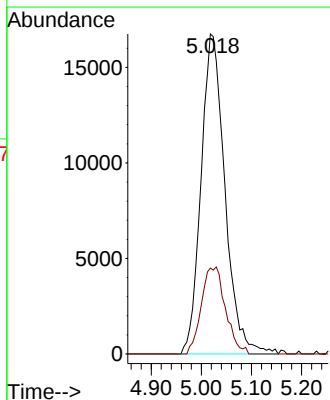
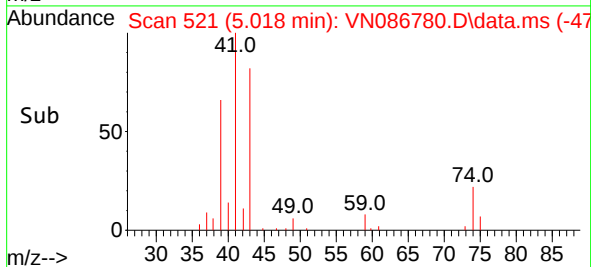
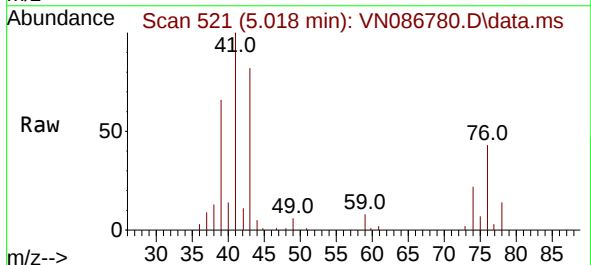
Manual Integrations
APPROVED

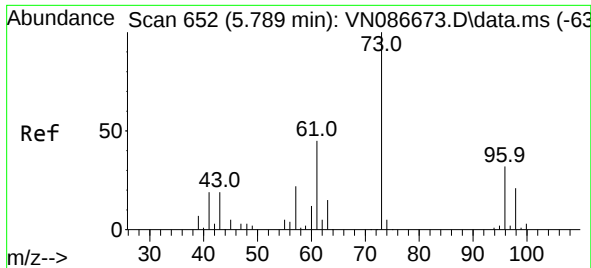
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 16.182 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion: 43 Resp: 55444
Ion Ratio Lower Upper
43 100
74 27.3 20.5 30.7





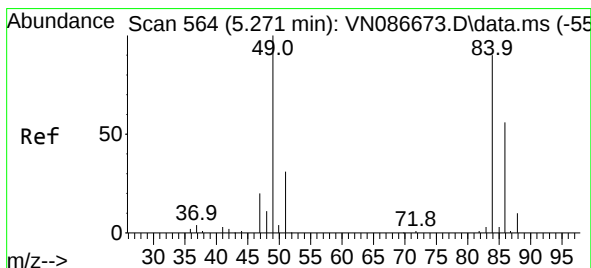
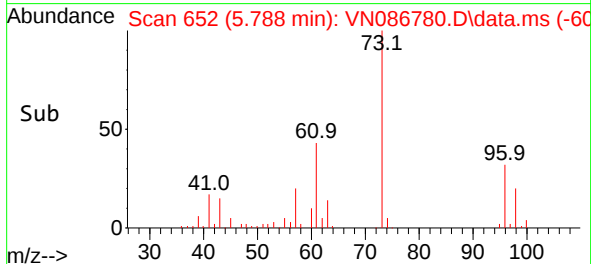
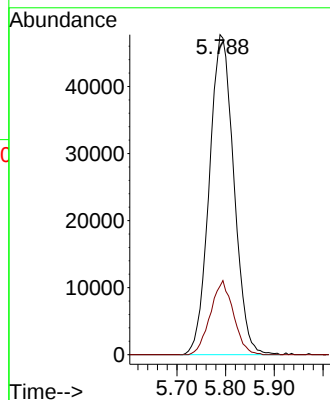
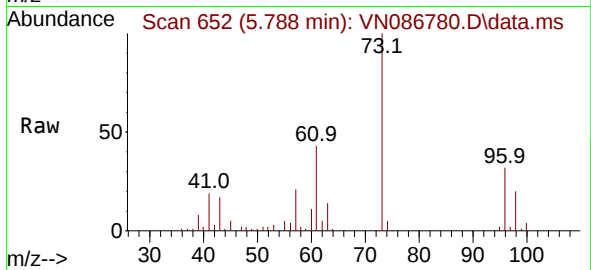
#19
Methyl tert-butyl Ether
Concen: 18.542 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion: 73 Resp: 166772
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

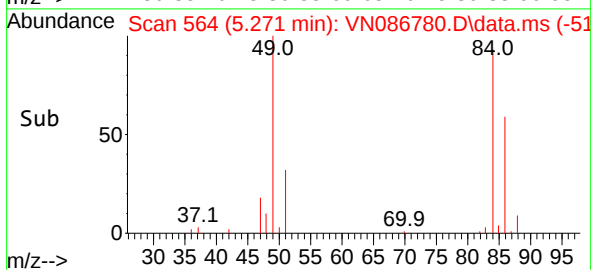
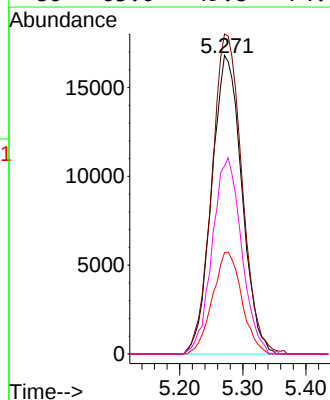
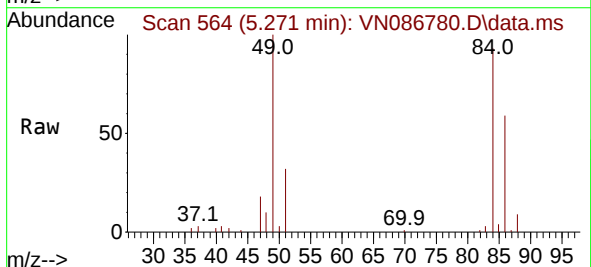
Manual Integrations
APPROVED

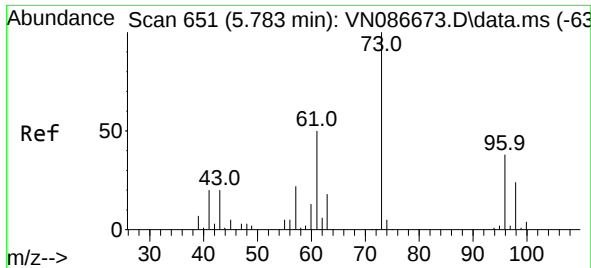
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 17.248 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

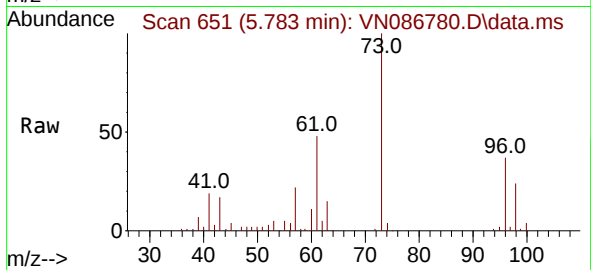
Tgt Ion: 84 Resp: 55718
Ion Ratio Lower Upper
84 100
49 107.2 88.8 133.2
51 33.9 27.8 41.6
86 63.0 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 17.640 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

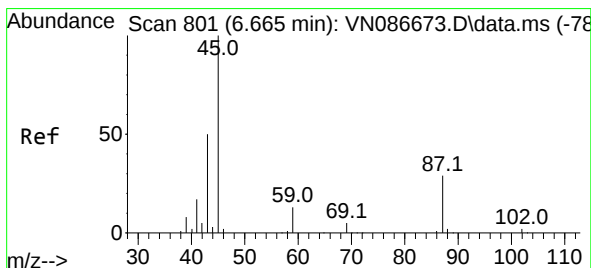
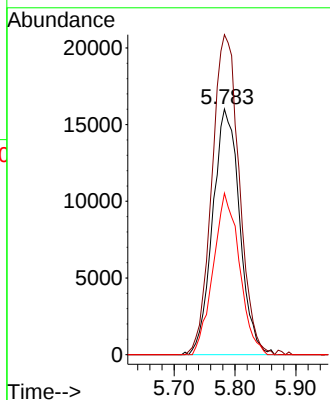
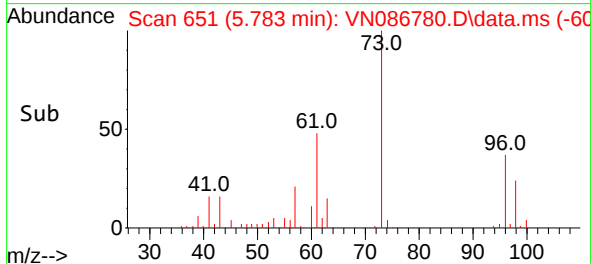
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



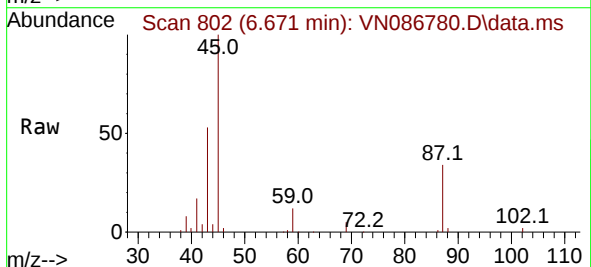
Tgt Ion: 96 Resp: 4926
Ion Ratio Lower Upper
96 100
61 130.3 105.7 158.5
98 65.8 51.0 76.6

Manual Integrations
APPROVED

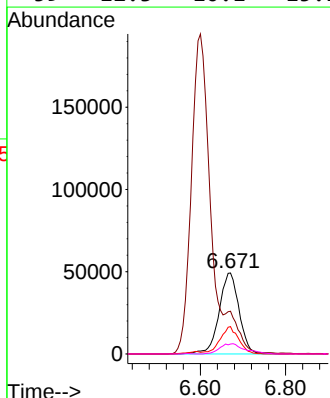
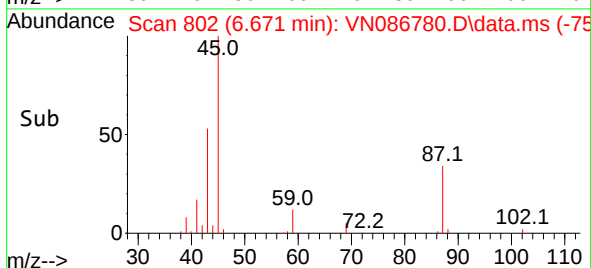
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

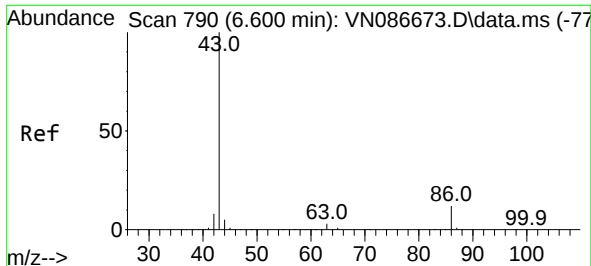


#22
Diisopropyl ether
Concen: 17.781 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



Tgt Ion: 45 Resp: 160383
Ion Ratio Lower Upper
45 100
43 52.0 41.4 62.2
87 33.8 22.9 34.3
59 12.3 10.1 15.1





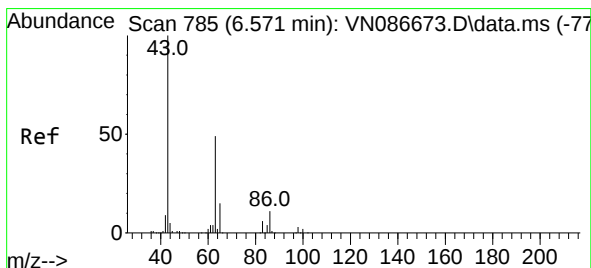
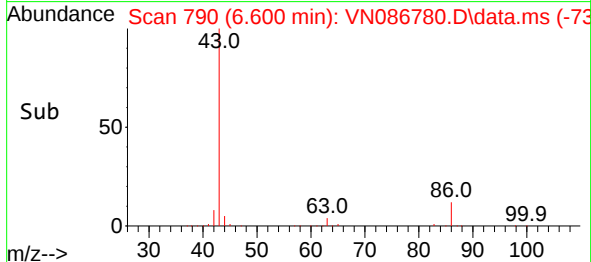
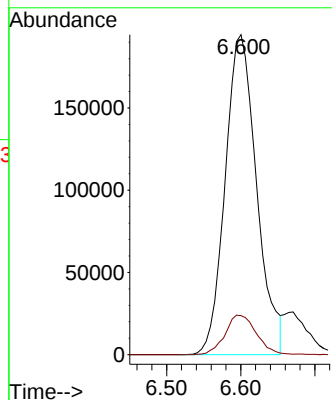
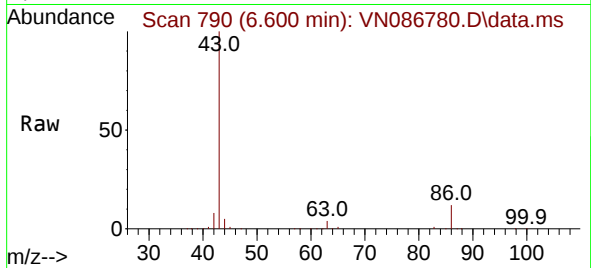
#23
 Vinyl Acetate
 Concen: 84.808 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0527WBSD01

Tgt Ion: 43 Resp: 574929
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.5 14.3

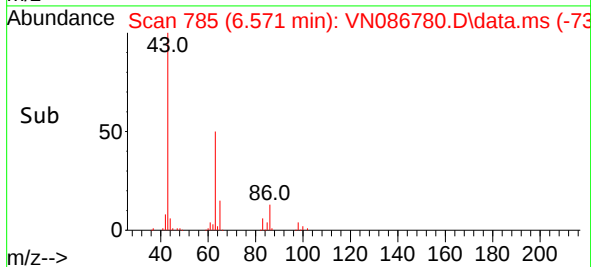
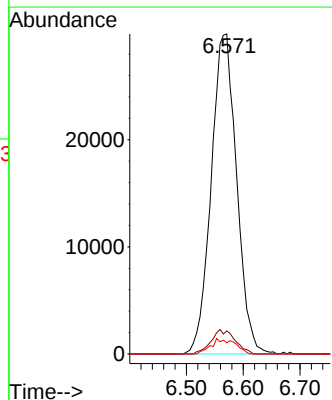
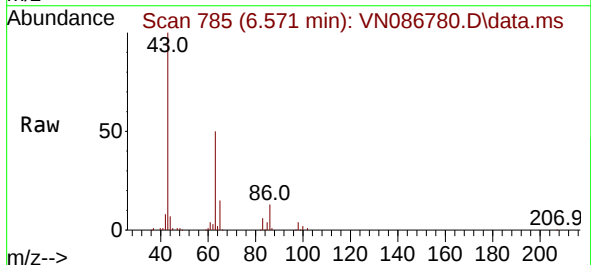
Manual Integrations
 APPROVED

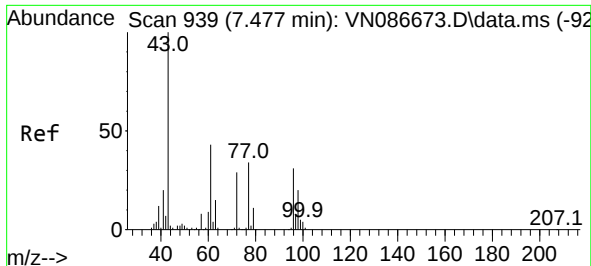
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 17.555 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

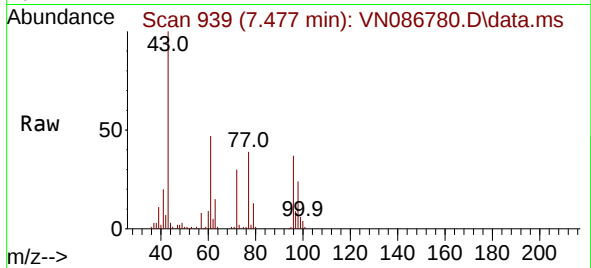
Tgt Ion: 63 Resp: 92967
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 3.5 2.4 7.1





#25
2-Butanone
Concen: 82.862 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

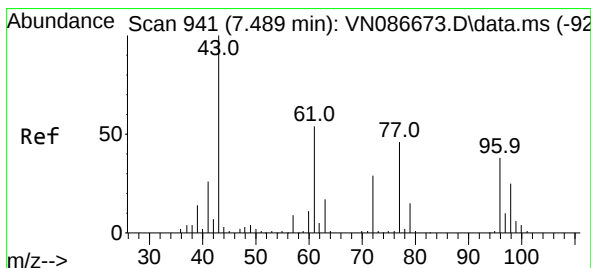
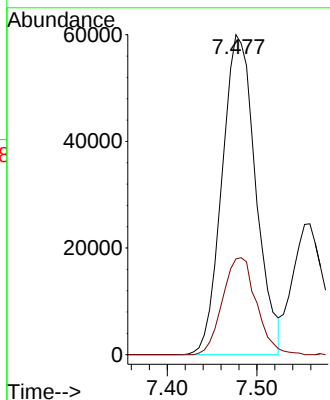
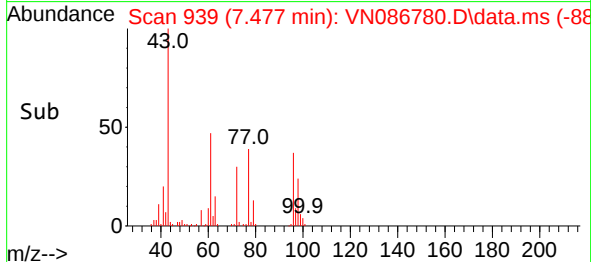
Instrument :
MSVOA_N
Client Sample Id :
VN0527WBSD01



Tgt Ion: 43 Resp: 156740
Ion Ratio Lower Upper
43 100
72 30.0 23.1 34.7

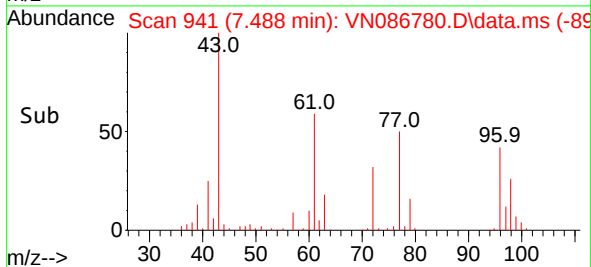
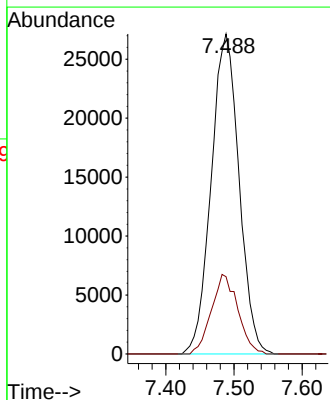
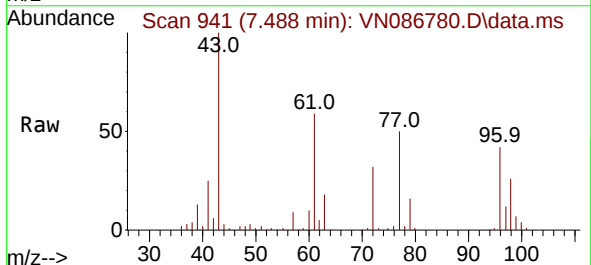
Manual Integrations
APPROVED

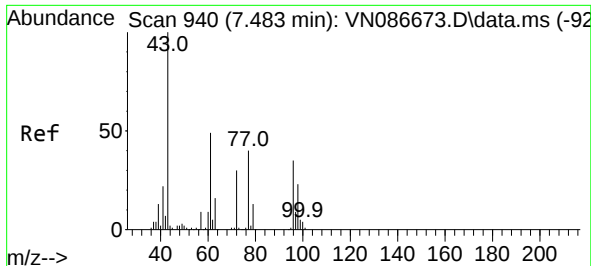
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 17.645 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

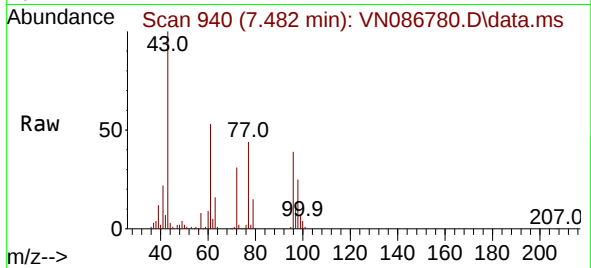
Tgt Ion: 77 Resp: 77114
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.107 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

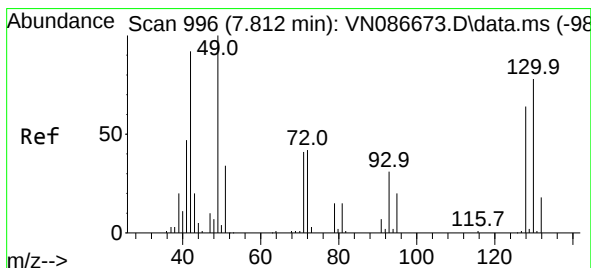
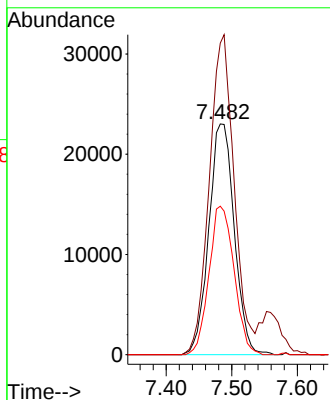
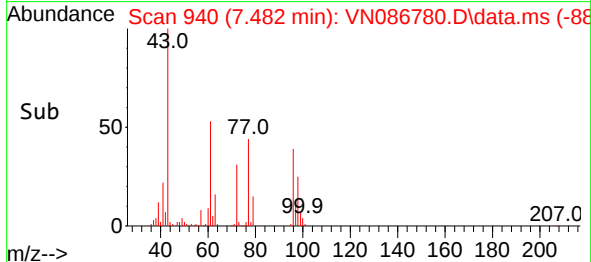
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0527WBSD01



Tgt Ion: 96 Resp: 6207
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 277.4
 98 63.4 0.0 129.6

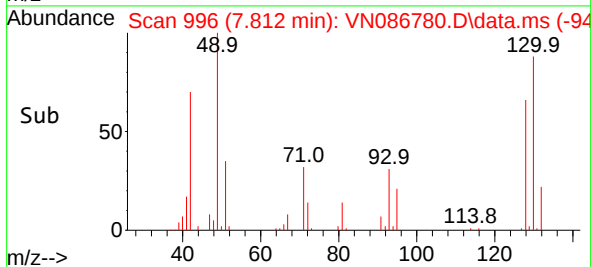
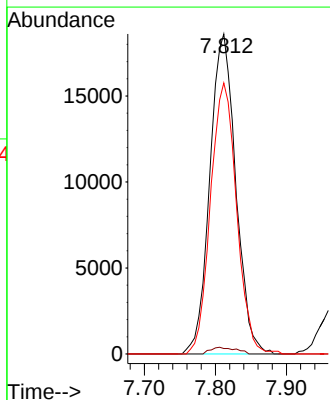
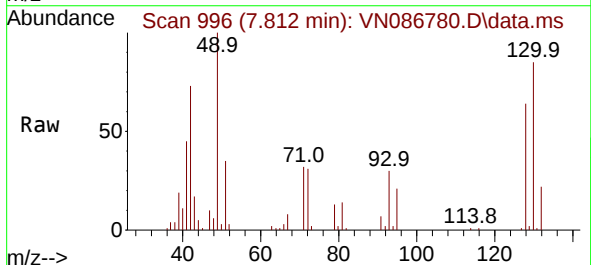
Manual Integrations
 APPROVED

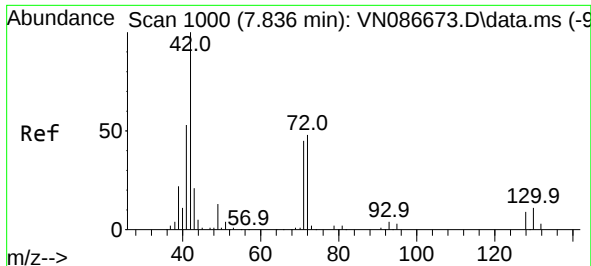
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 19.615 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

Tgt Ion: 49 Resp: 47197
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 85.0 62.2 93.4





#29

Tetrahydrofuran

Concen: 83.888 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

Tgt Ion: 42 Resp: 10357

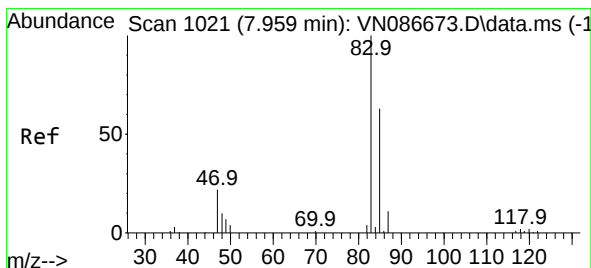
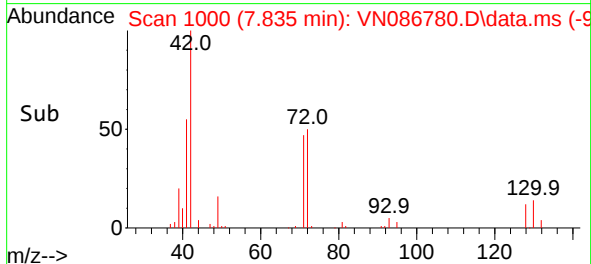
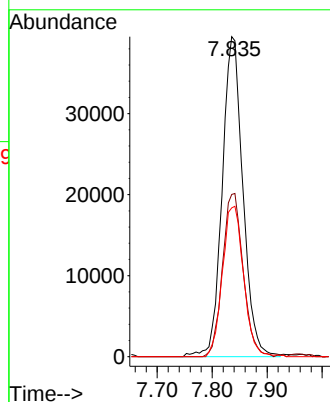
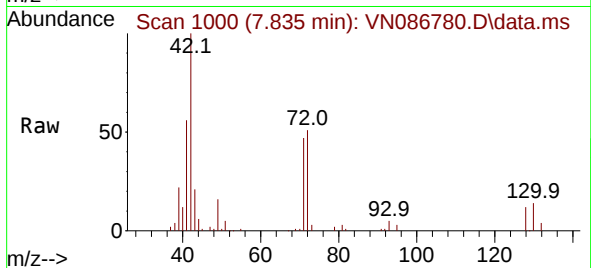
Ion	Ratio	Lower	Upper
42	100		
72	50.6	38.7	58.1
71	48.0	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 17.313 ug/l

RT: 7.965 min Scan# 1022

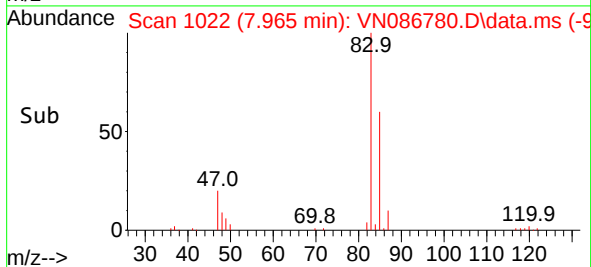
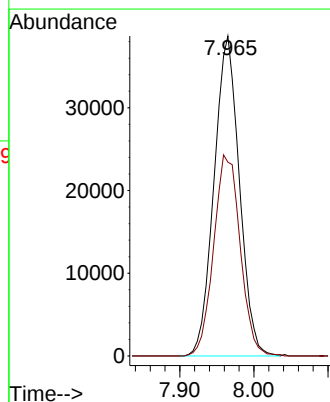
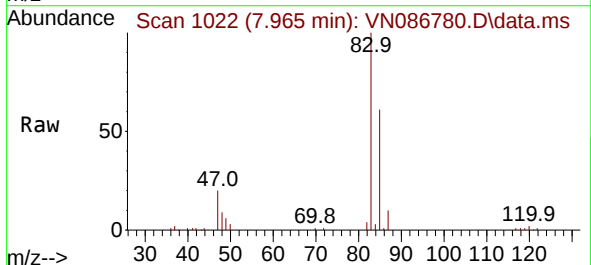
Delta R.T. 0.006 min

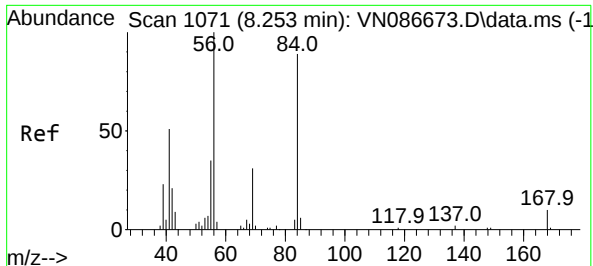
Lab File: VN086780.D

Acq: 27 May 2025 13:18

Tgt Ion: 83 Resp: 91768

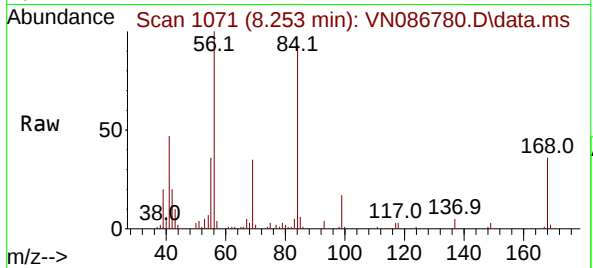
Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.2	75.4





#31
Cyclohexane
Concen: 16.583 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

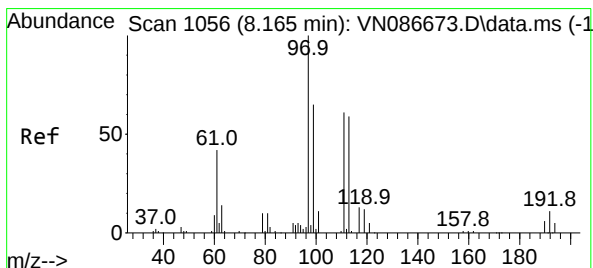
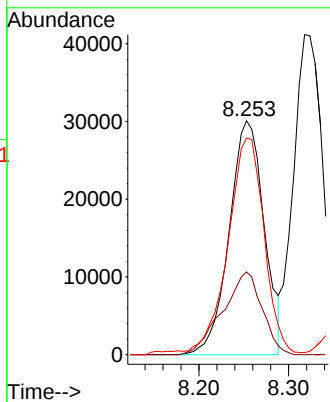
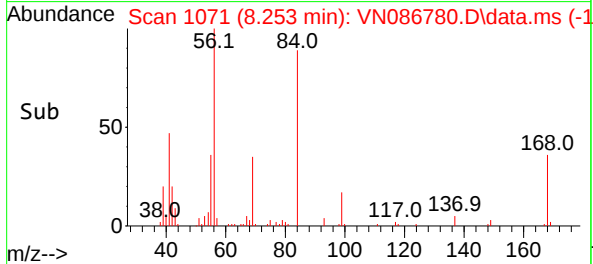
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



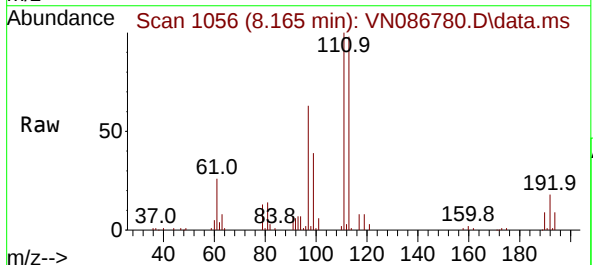
Tgt Ion: 56 Resp: 81448
Ion Ratio Lower Upper
56 100
69 35.4 25.0 37.6
84 91.0 71.0 106.4

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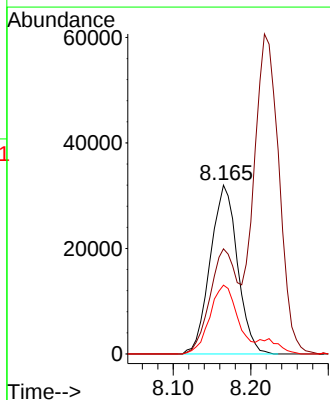
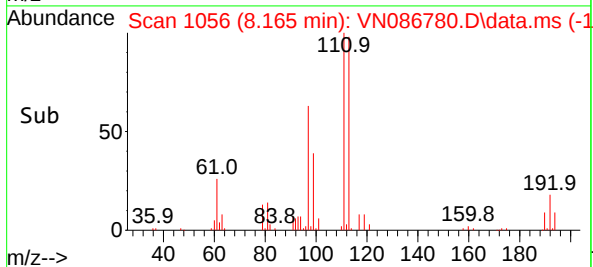
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

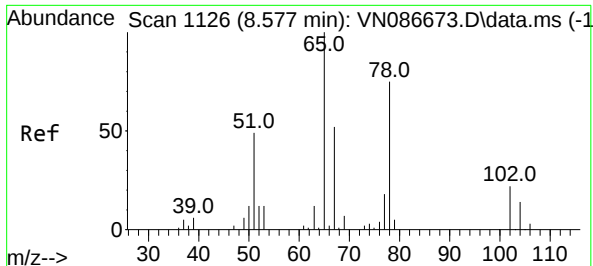


#32
1,1,1-Trichloroethane
Concen: 17.450 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



Tgt Ion: 97 Resp: 77985
Ion Ratio Lower Upper
97 100
99 63.6 52.6 79.0
61 42.3 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 43.573 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

Tgt Ion: 65 Resp: 142594

Ion Ratio Lower Upper

65 100

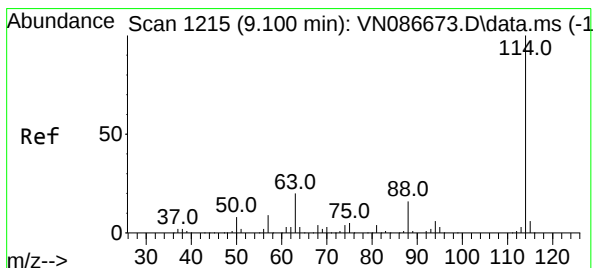
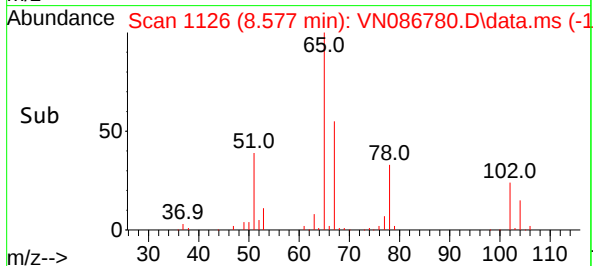
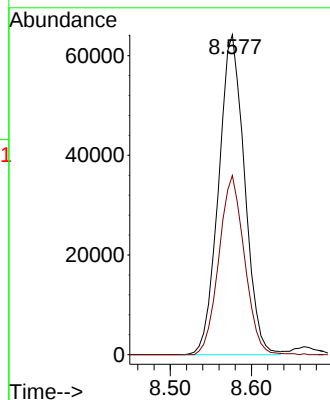
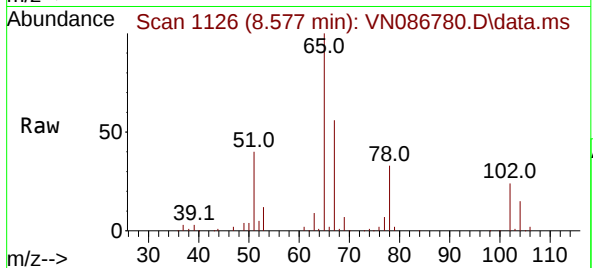
67 55.2 0.0 106.4

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

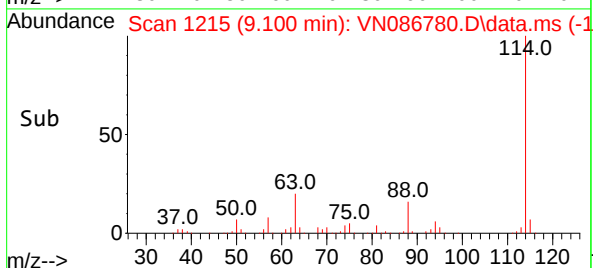
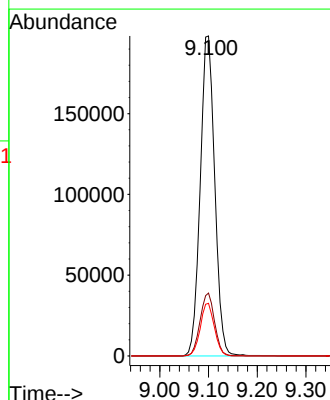
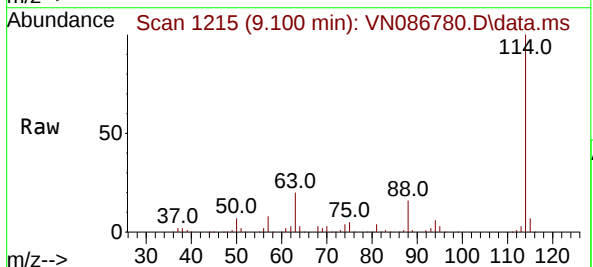
Tgt Ion:114 Resp: 410426

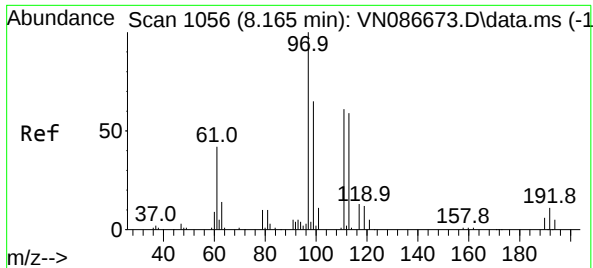
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

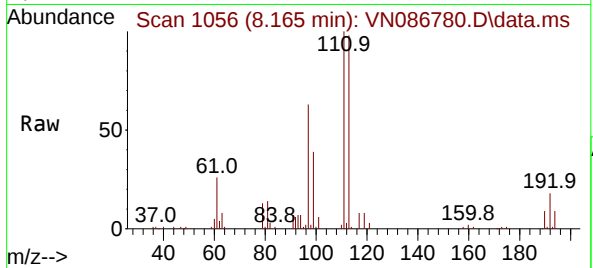
88 16.5 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.370 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

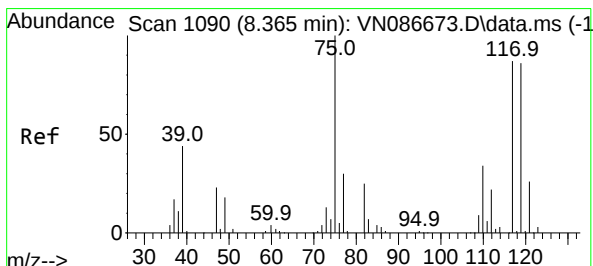
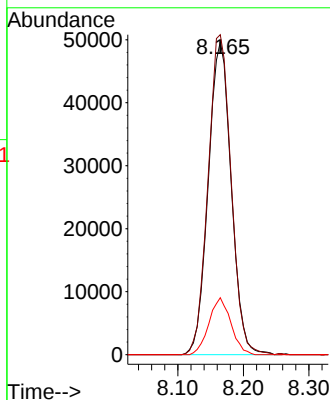
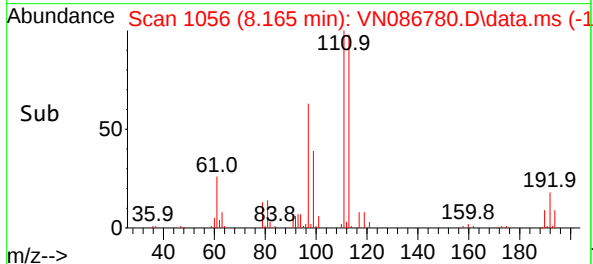
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 113 Resp: 120674
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 17.4 13.8 20.8

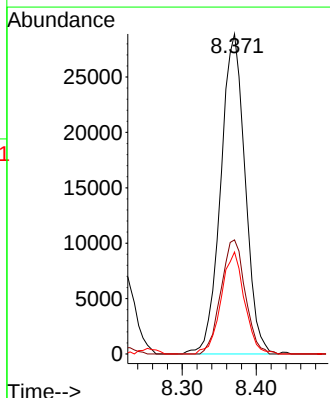
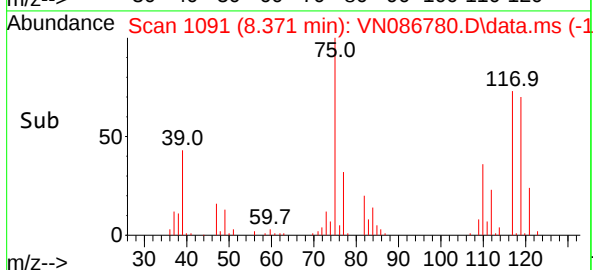
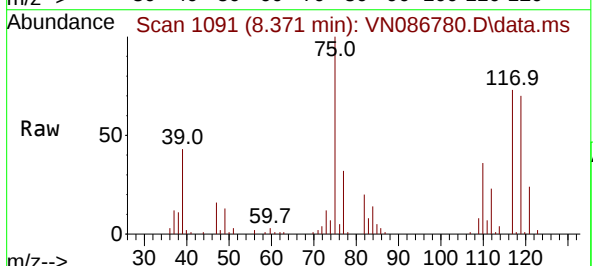
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 18.300 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

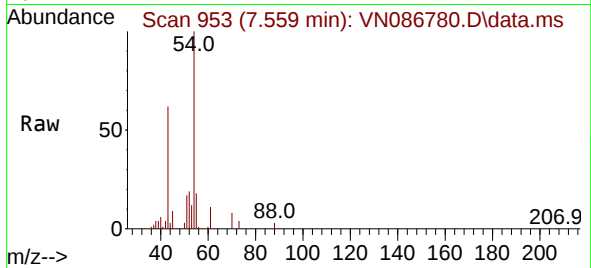
Tgt Ion: 75 Resp: 65977
Ion Ratio Lower Upper
75 100
110 35.4 17.5 52.5
77 30.5 25.1 37.7





#37
Ethyl Acetate
Concen: 17.158 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

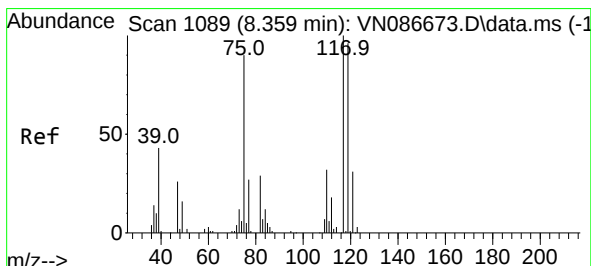
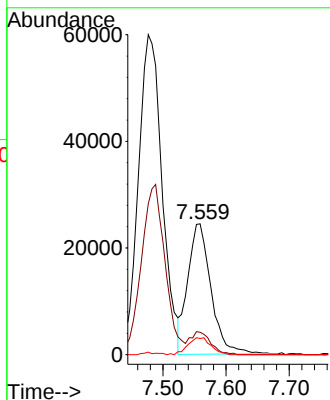
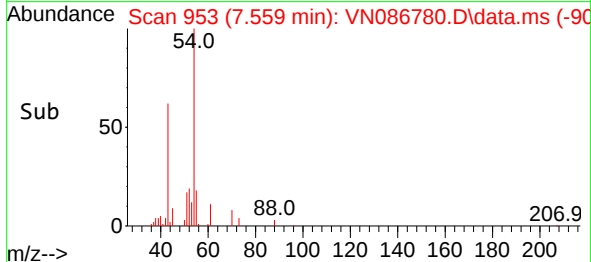
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 43 Resp: 6248
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 12.9 9.4 14.0

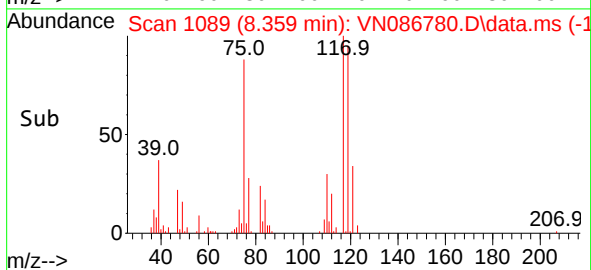
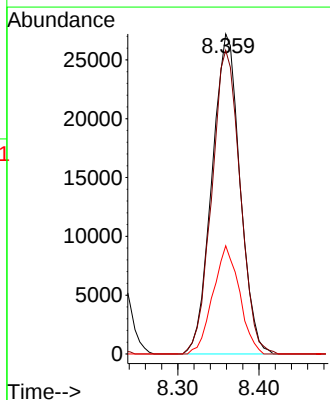
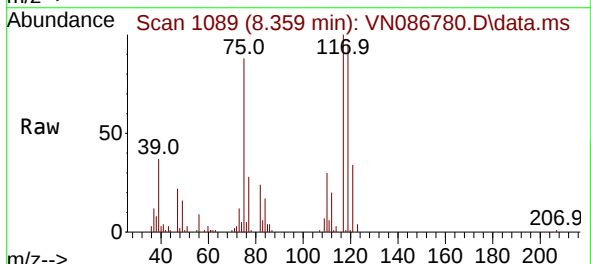
Manual Integrations
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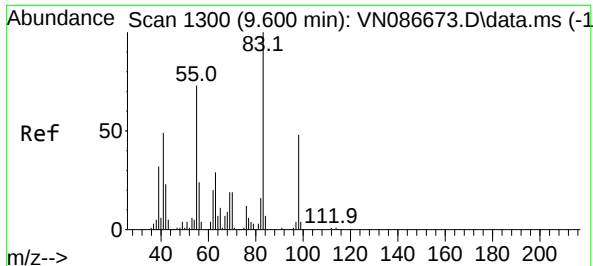
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 18.362 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion:117 Resp: 65228
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6
121 33.8 25.0 37.6





#39

Methylcyclohexane

Concen: 19.141 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

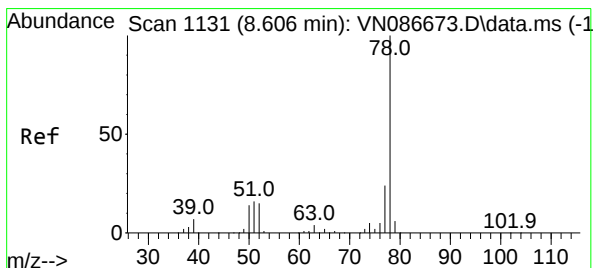
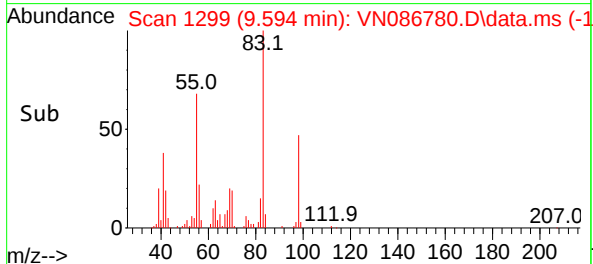
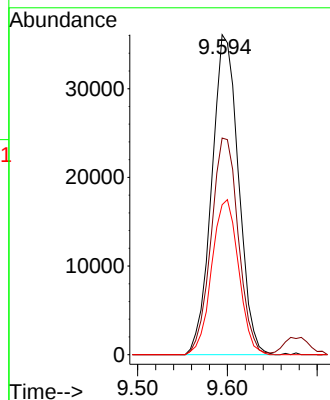
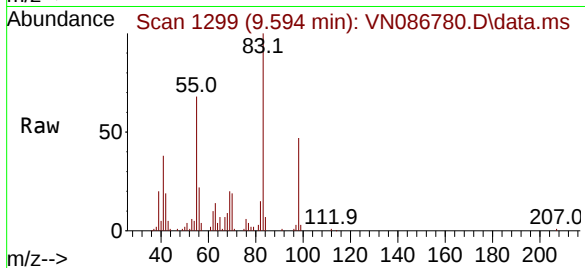
Tgt Ion:	83	Resp:	7469
Ion Ratio	Lower	Upper	
83	100		
55	67.7	58.2	87.4
98	46.8	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 18.829 ug/l

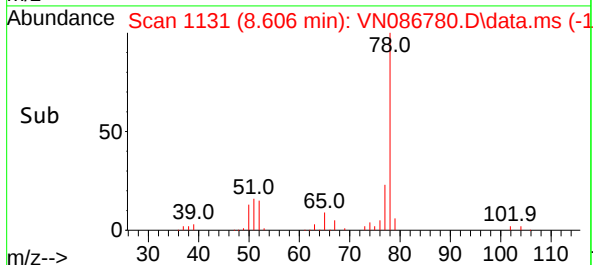
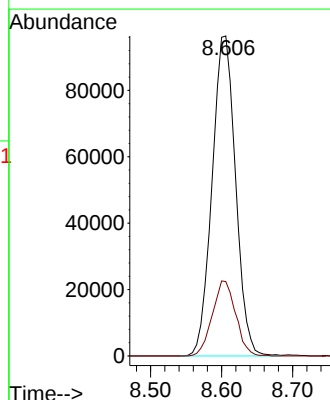
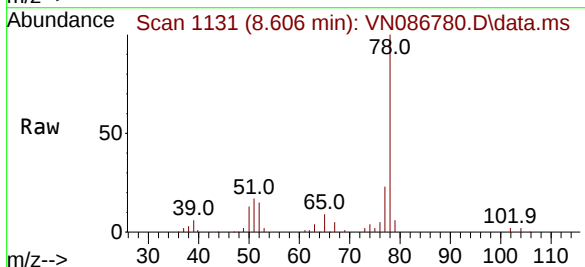
RT: 8.606 min Scan# 1131

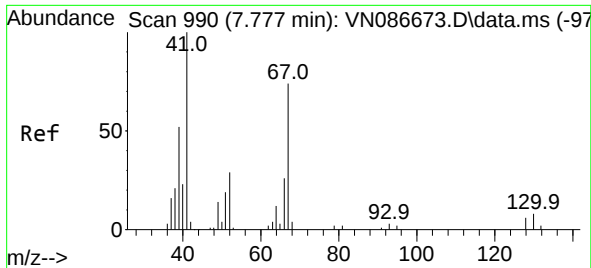
Delta R.T. -0.000 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

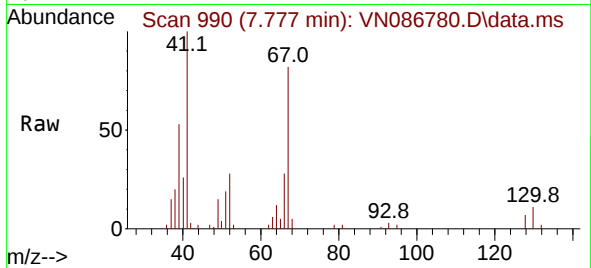
Tgt Ion:	78	Resp:	221453
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.1	28.7





#41
Methacrylonitrile
Concen: 16.947 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

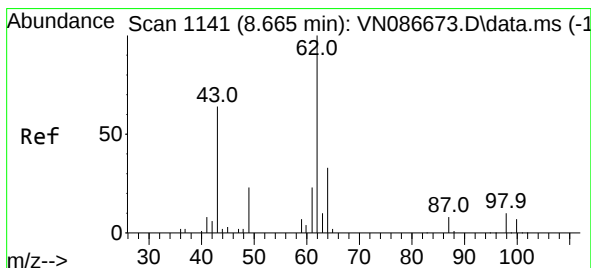
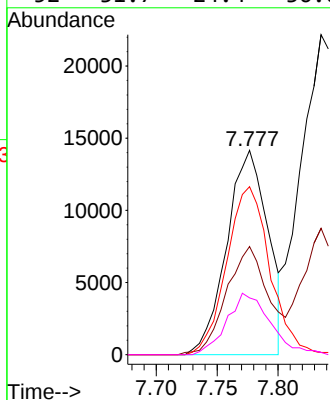
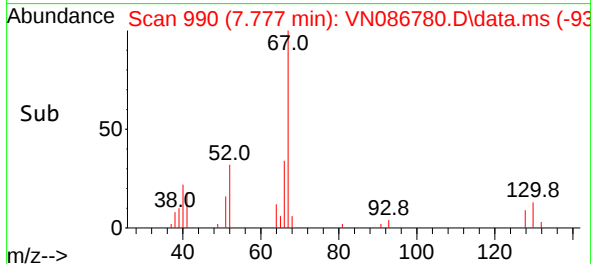
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion:	41	Resp:	33324
Ion Ratio	100	Lower	Upper
39	54.7	44.9	67.3
67	86.6	63.4	95.0
52	31.7	24.4	36.6

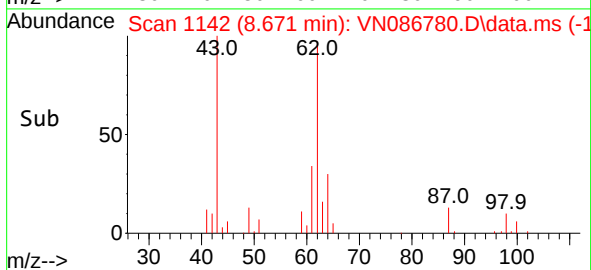
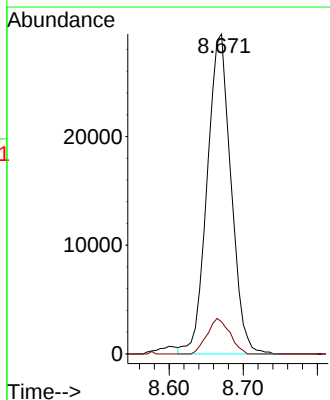
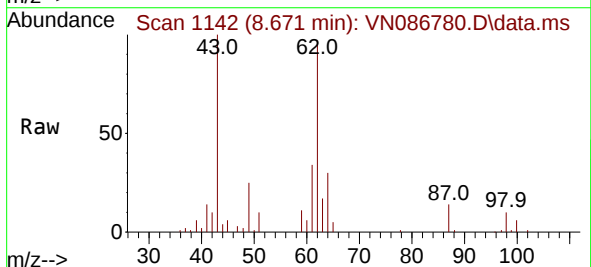
Manual Integrations
APPROVED

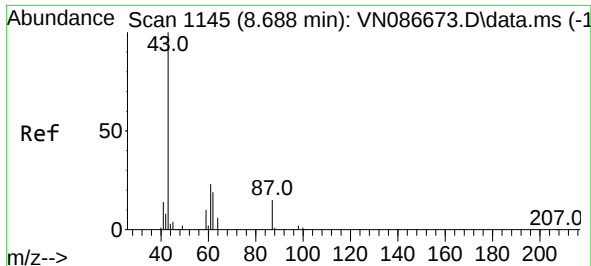
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 17.912 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

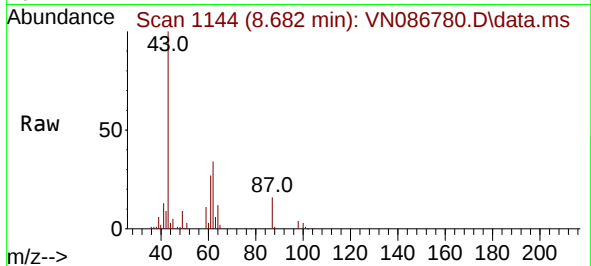
Tgt Ion:	62	Resp:	65633
Ion Ratio	100	Lower	Upper
98	10.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 15.277 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

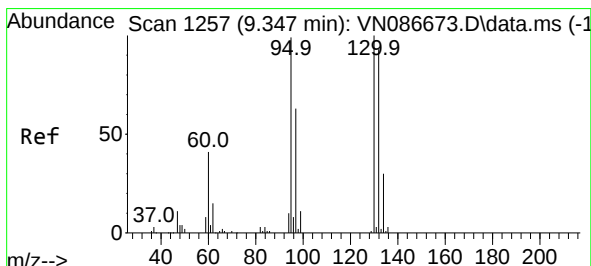
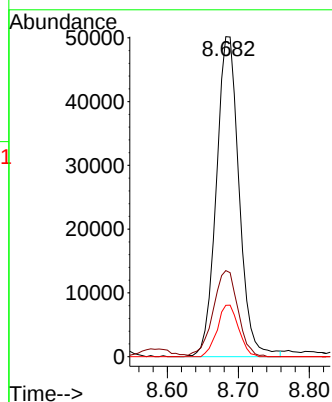
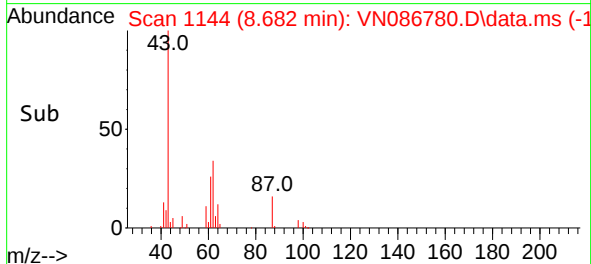
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 43 Resp: 11153
Ion Ratio Lower Upper
43 100
61 29.3 21.4 32.2
87 15.1 11.1 16.7

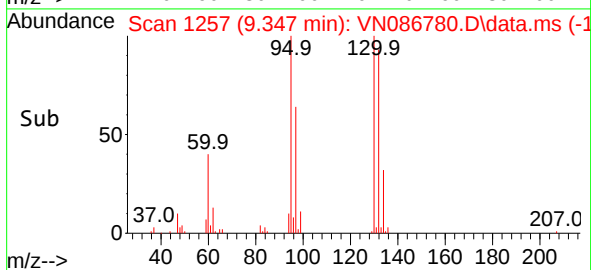
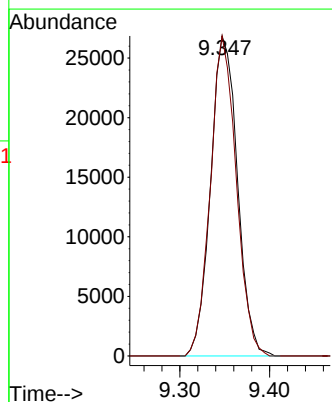
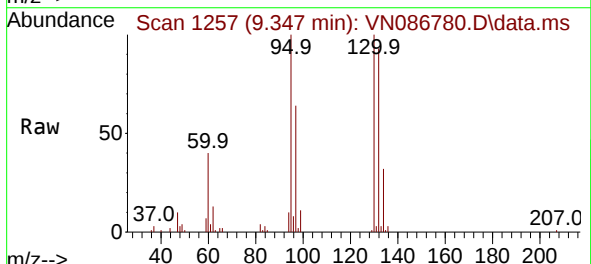
Manual Integrations
APPROVED

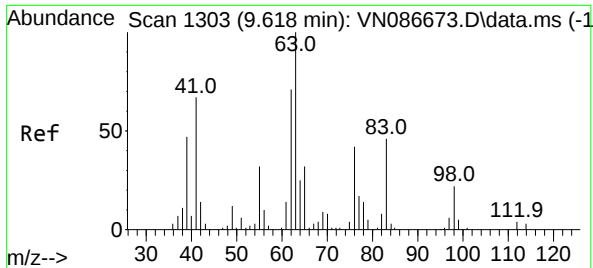
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 19.631 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

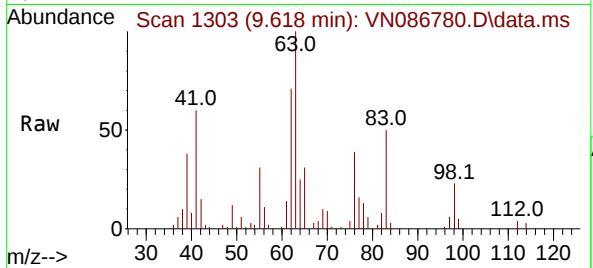
Tgt Ion:130 Resp: 55688
Ion Ratio Lower Upper
130 100
95 99.9 0.0 197.0





#45
1,2-Dichloropropane
Concen: 18.753 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

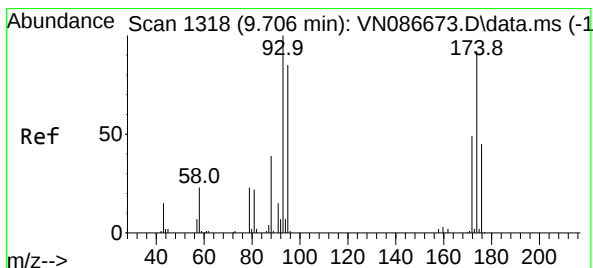
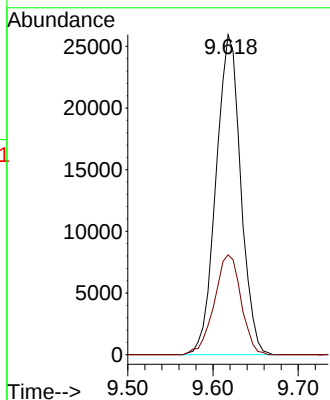
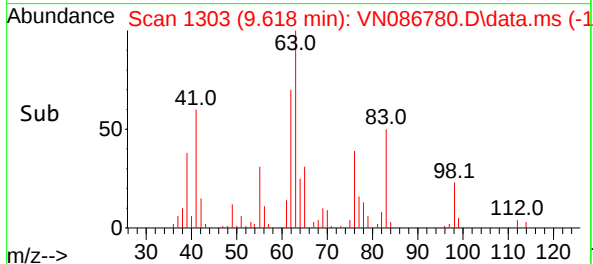
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 63 Resp: 52390
Ion Ratio Lower Upper
63 100
65 31.2 25.8 38.6

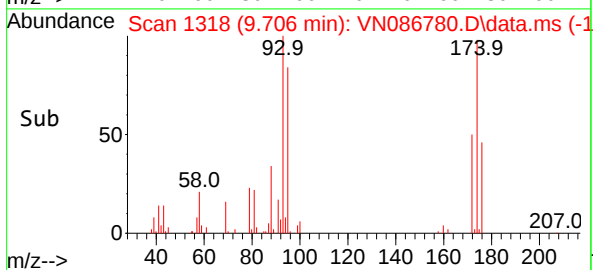
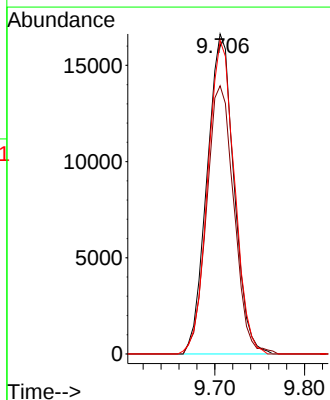
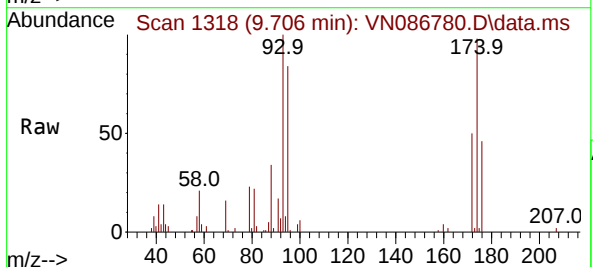
Manual Integrations
APPROVED

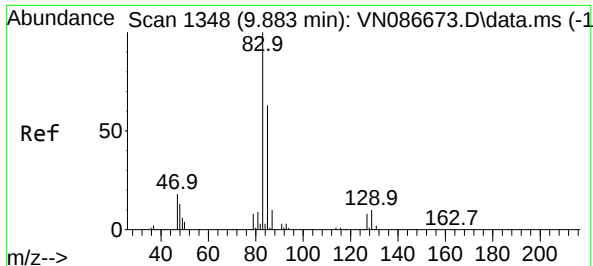
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#46
Dibromomethane
Concen: 18.387 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

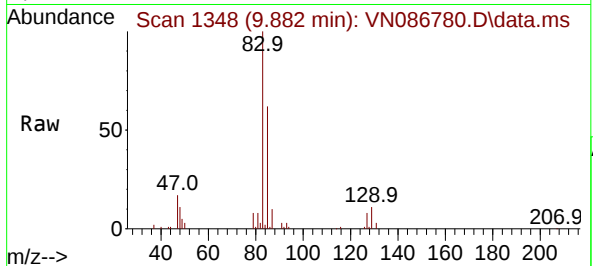
Tgt Ion: 93 Resp: 34664
Ion Ratio Lower Upper
93 100
95 84.8 67.1 100.7
174 96.9 73.8 110.6





#47
Bromodichloromethane
Concen: 18.622 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

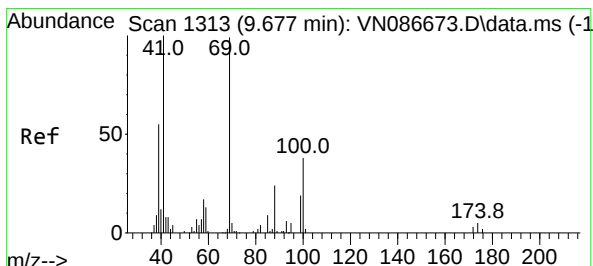
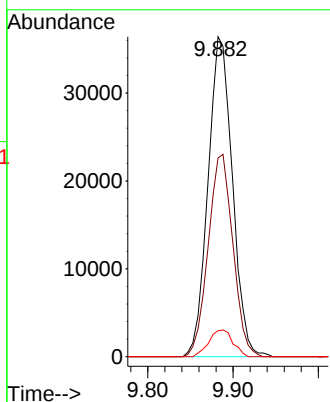
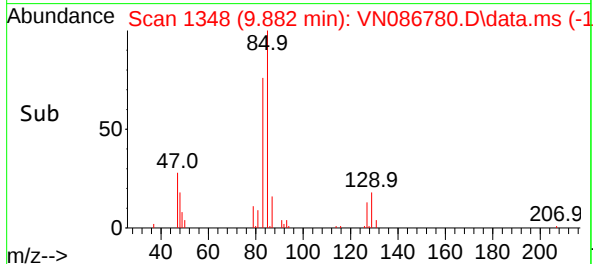
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



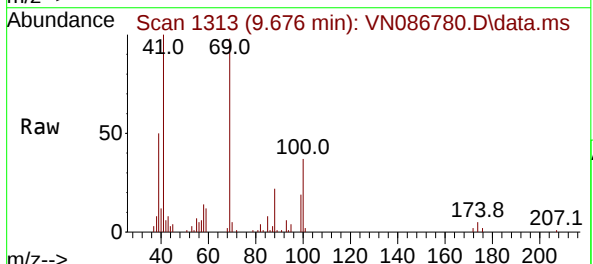
Tgt Ion: 83 Resp: 72330
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.1 6.2 9.4

Manual Integrations
APPROVED

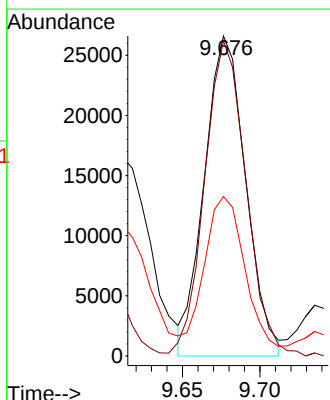
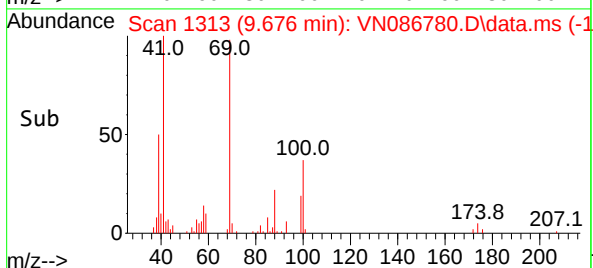
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

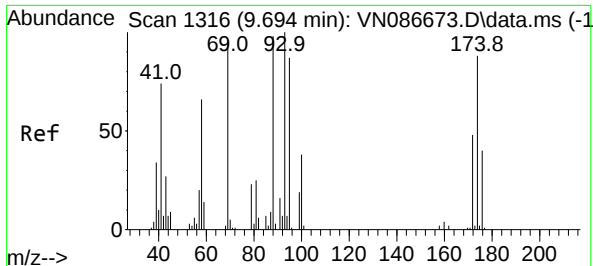


#48
Methyl methacrylate
Concen: 17.426 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



Tgt Ion: 41 Resp: 49300
Ion Ratio Lower Upper
41 100
69 98.8 74.1 111.1
39 50.3 44.1 66.1





#49

1,4-Dioxane

Concen: 367.388 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

Tgt Ion: 88 Resp: 22009

Ion Ratio Lower Upper

88 100

43 23.5 23.6 35.4

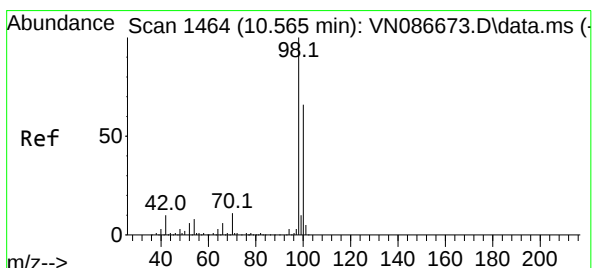
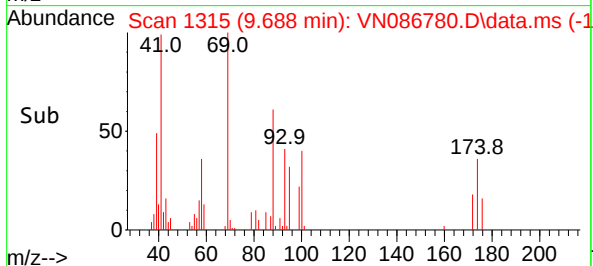
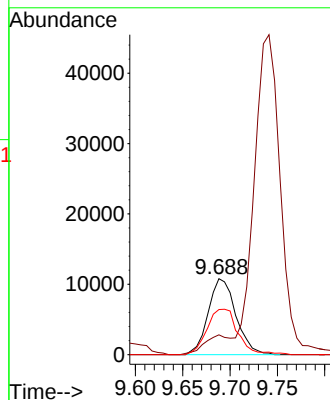
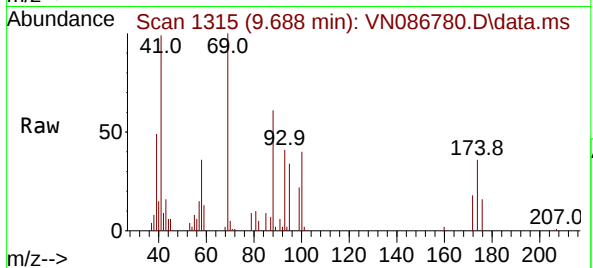
58 66.9 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#50

Toluene-d8

Concen: 48.200 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086780.D

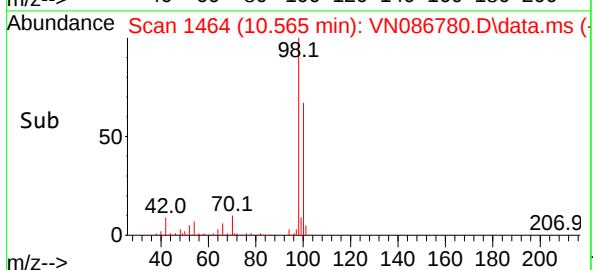
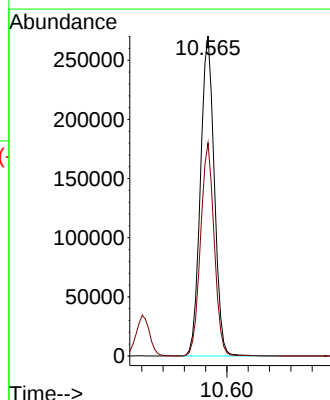
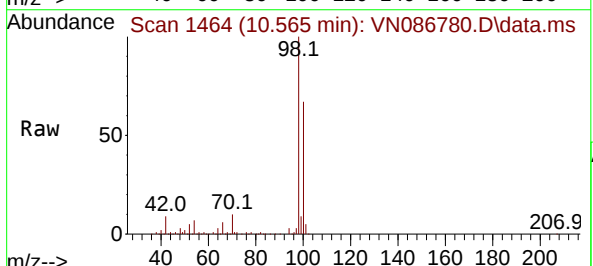
Acq: 27 May 2025 13:18

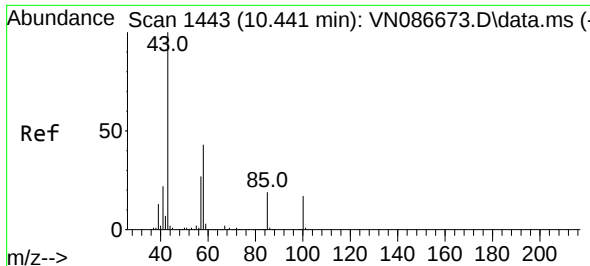
Tgt Ion: 98 Resp: 488223

Ion Ratio Lower Upper

98 100

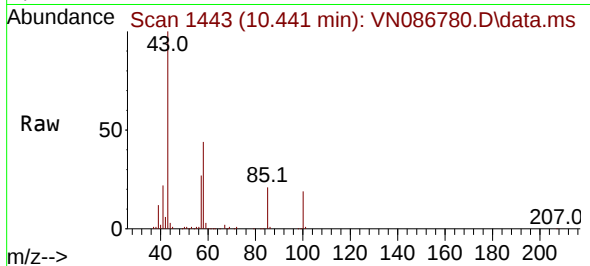
100 65.6 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 86.126 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

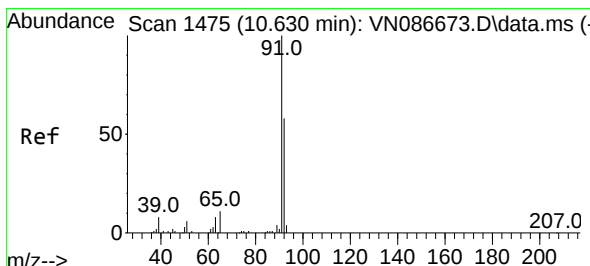
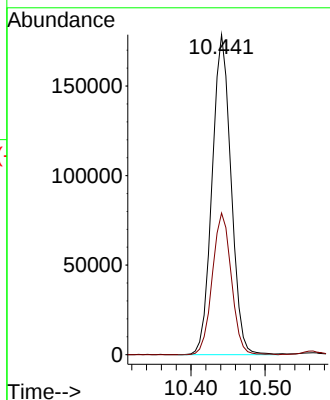
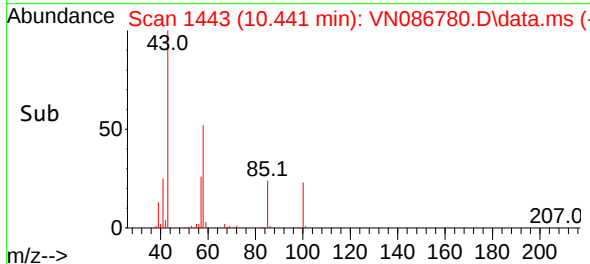
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



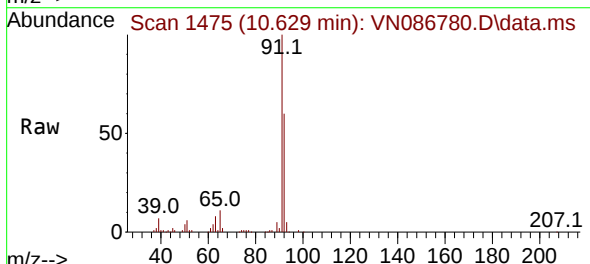
Tgt Ion: 43 Resp: 31710
Ion Ratio Lower Upper
43 100
58 44.4 33.9 50.9

Manual Integrations
APPROVED

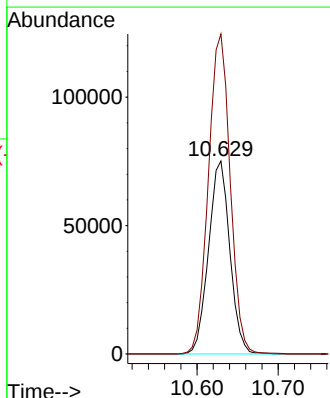
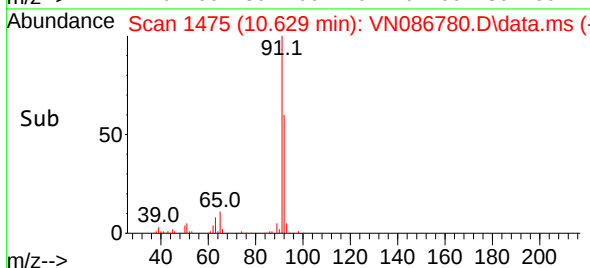
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

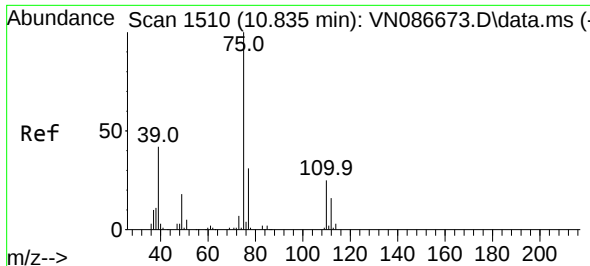


#52
Toluene
Concen: 18.749 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



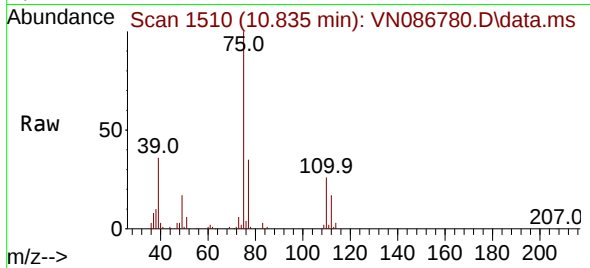
Tgt Ion: 92 Resp: 137053
Ion Ratio Lower Upper
92 100
91 169.7 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 19.292 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

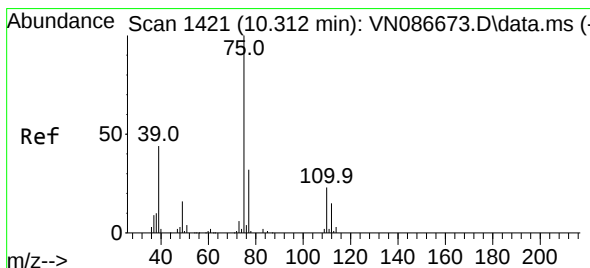
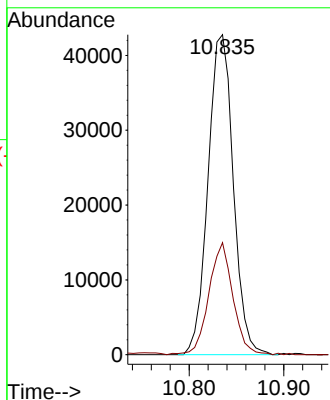
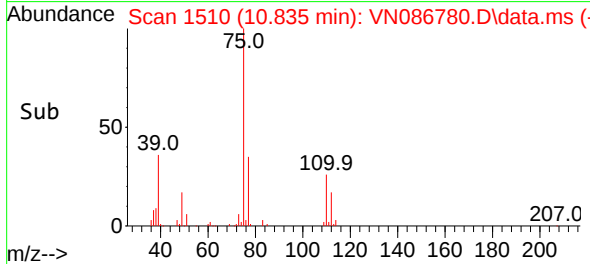
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



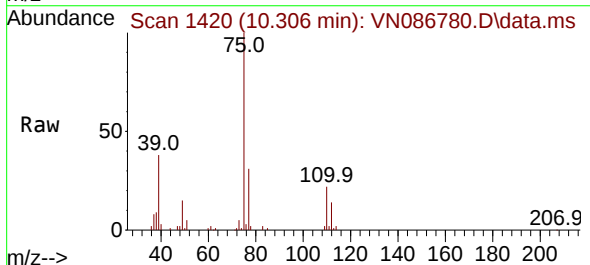
Tgt Ion: 75 Resp: 79344
Ion Ratio Lower Upper
75 100
77 34.7 25.2 37.8

Manual Integrations
APPROVED

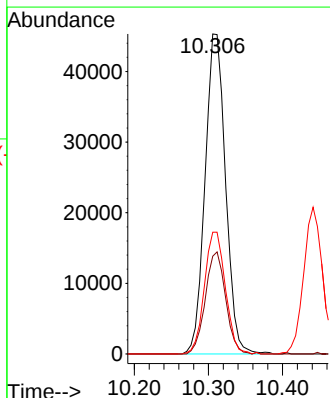
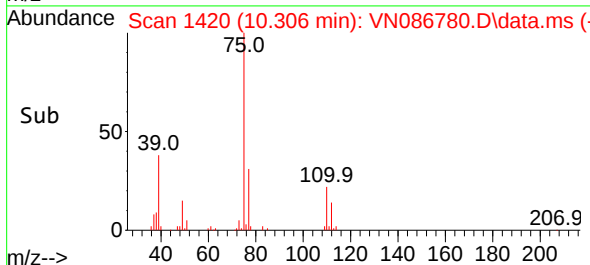
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

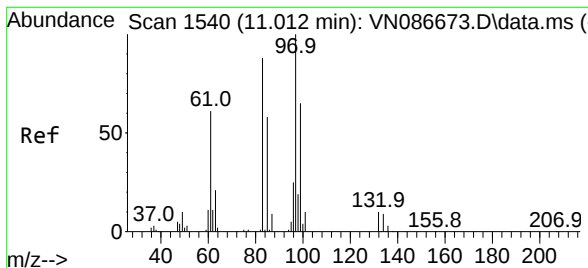


#54
cis-1,3-Dichloropropene
Concen: 19.420 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



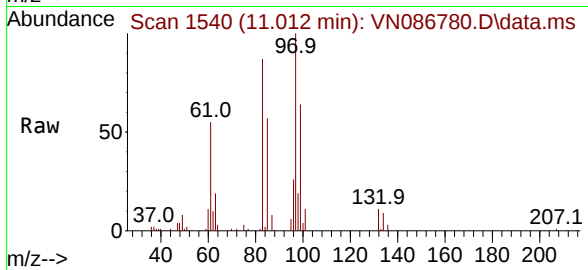
Tgt Ion: 75 Resp: 87189
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 38.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 18.878 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

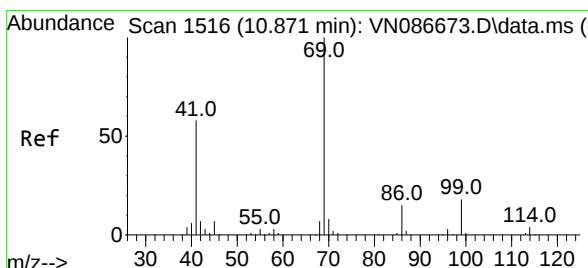
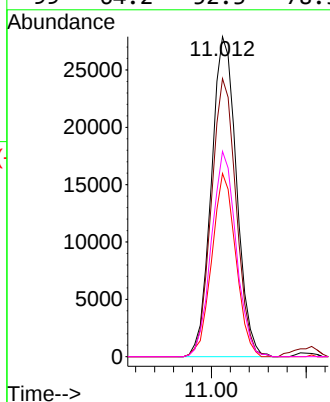
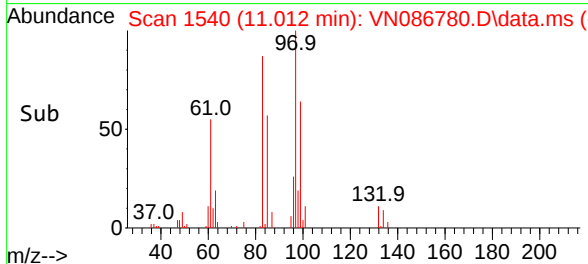
Instrument : MSVOA_N
ClientSampleId : VN0527WBSD01



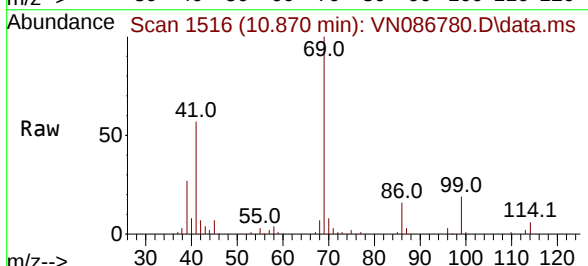
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.4	105.6
85	57.3	46.1	69.1
99	64.2	52.3	78.5

Manual Integrations
APPROVED

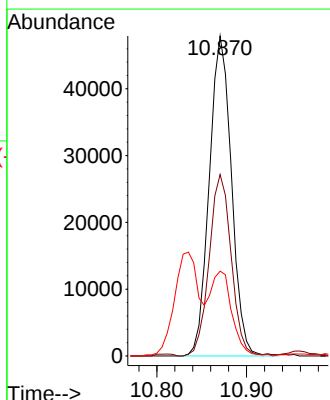
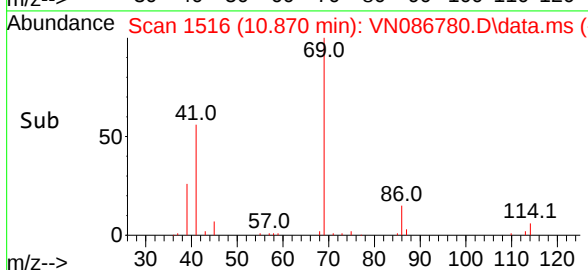
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

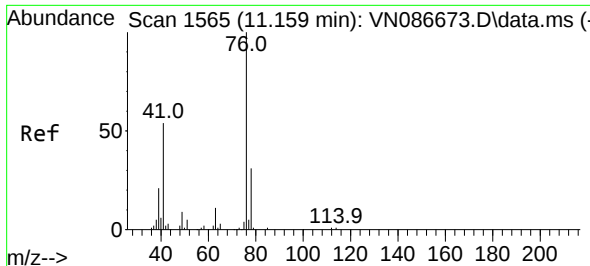


#56
Ethyl methacrylate
Concen: 18.776 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.5	47.4	71.0
39	26.0	24.0	36.0





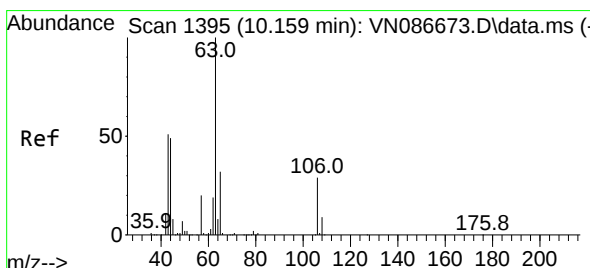
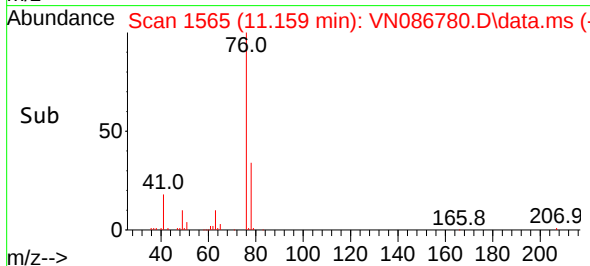
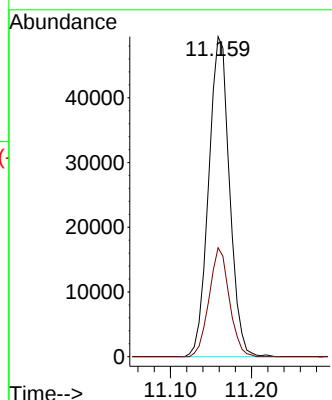
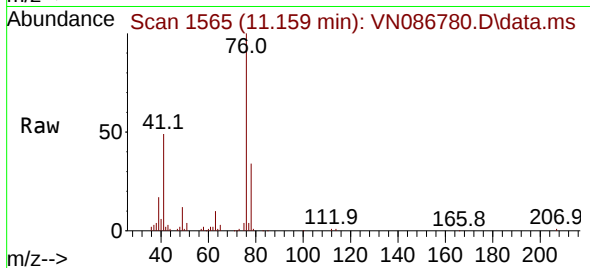
#57
1,3-Dichloropropane
Concen: 18.788 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion: 76 Resp: 8826
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.8

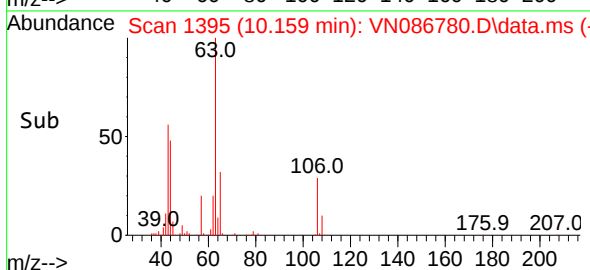
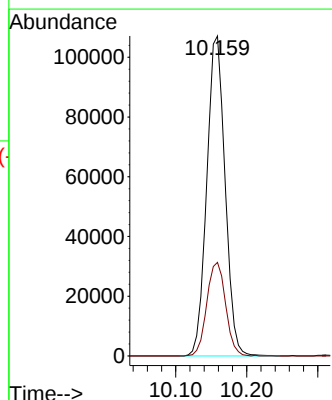
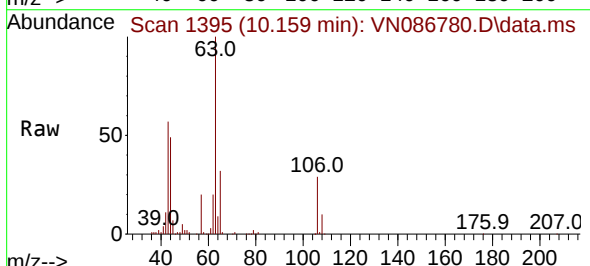
Manual Integrations
APPROVED

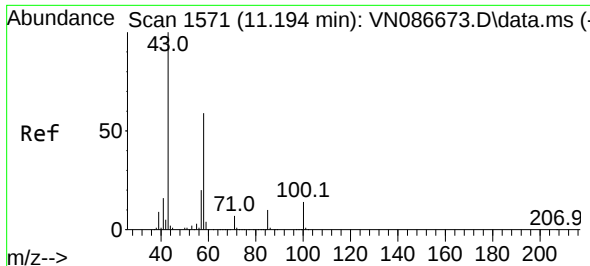
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 98.038 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

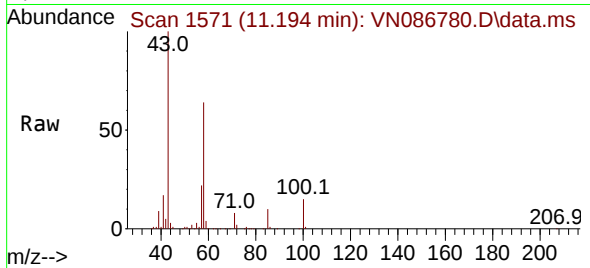
Tgt Ion: 63 Resp: 191834
Ion Ratio Lower Upper
63 100
106 30.1 23.1 34.7





#59
2-Hexanone
Concen: 84.552 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

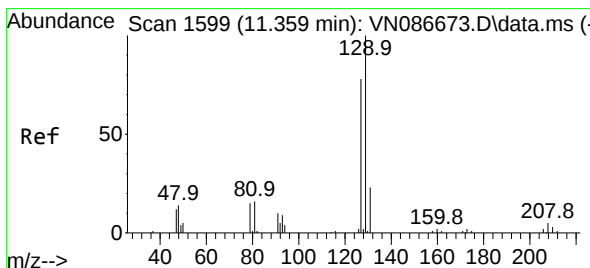
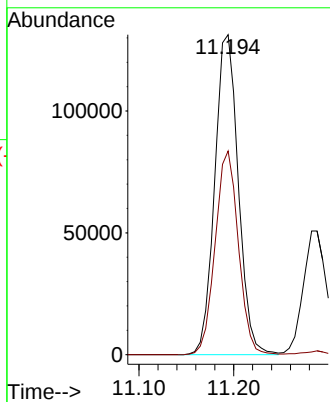
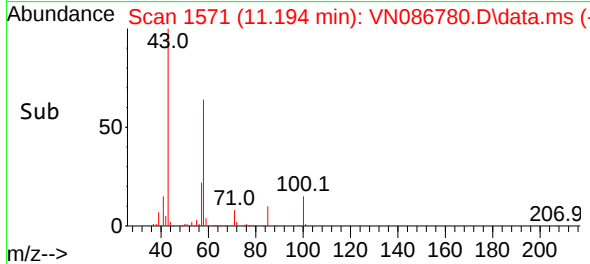
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 43 Resp: 227334
Ion Ratio Lower Upper
43 100
58 62.7 29.8 89.5

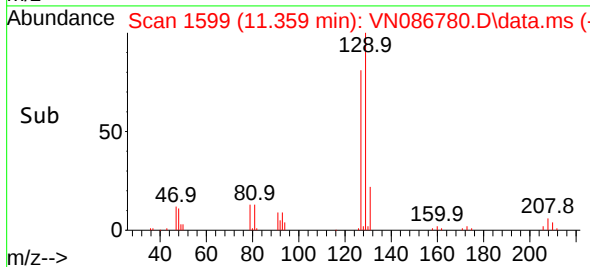
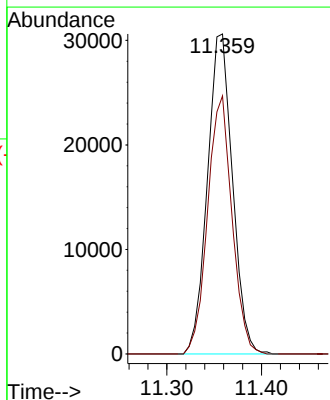
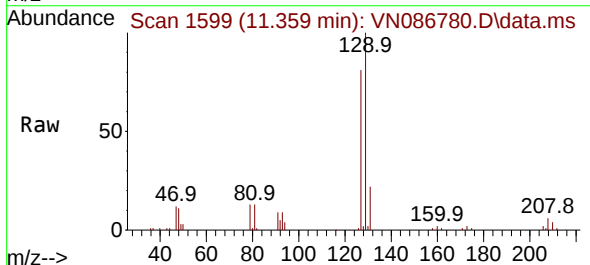
Manual Integrations
APPROVED

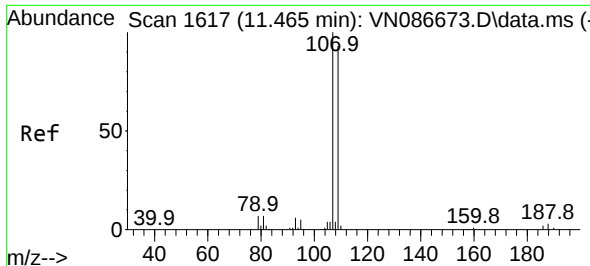
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 19.758 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

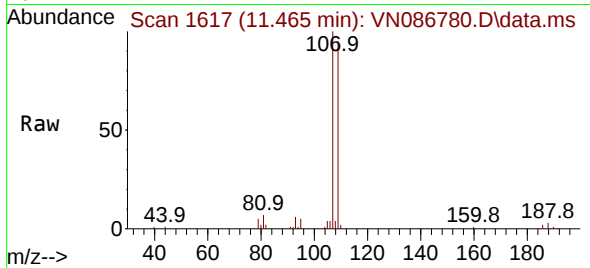
Tgt Ion:129 Resp: 56464
Ion Ratio Lower Upper
129 100
127 78.3 39.5 118.3





#61
1,2-Dibromoethane
Concen: 18.892 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

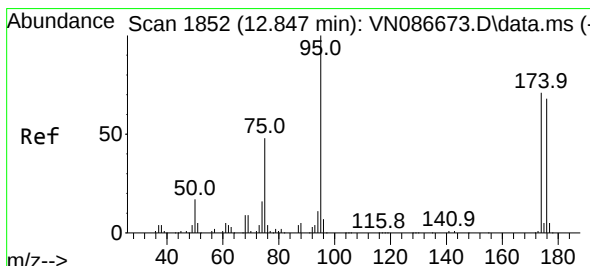
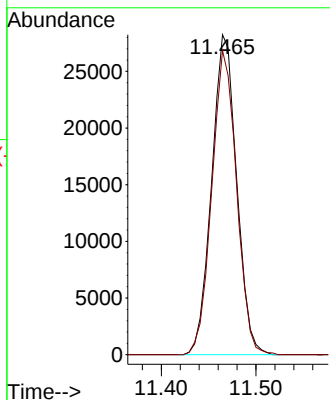
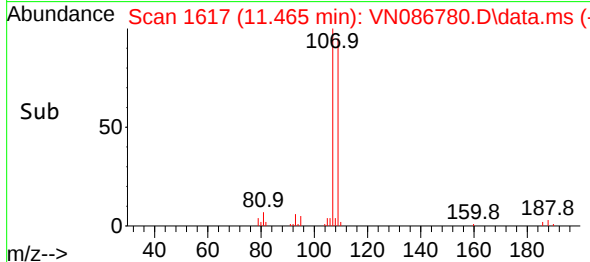
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



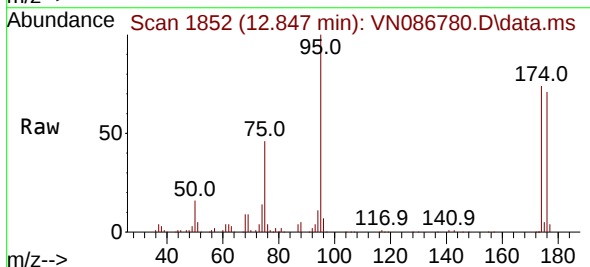
Tgt Ion:107 Resp: 51768
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.4

Manual Integrations
APPROVED

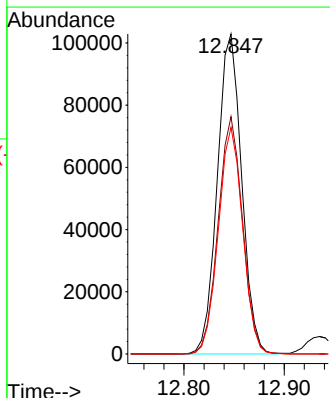
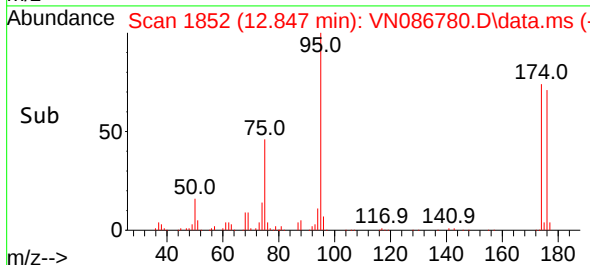
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

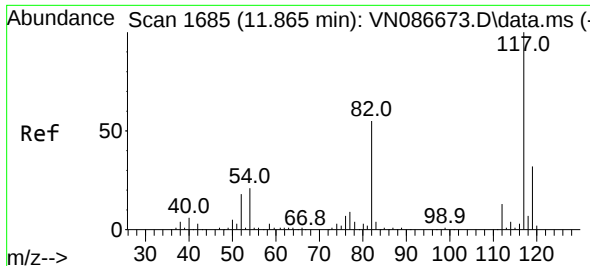


#62
4-Bromofluorobenzene
Concen: 48.369 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



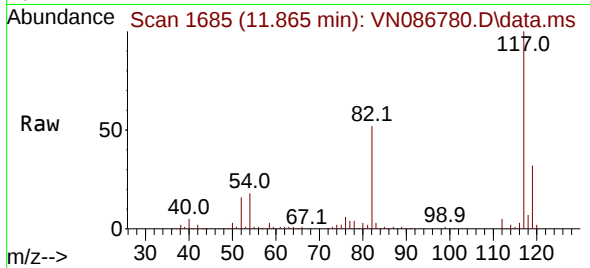
Tgt Ion: 95 Resp: 172994
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.4
176 70.7 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

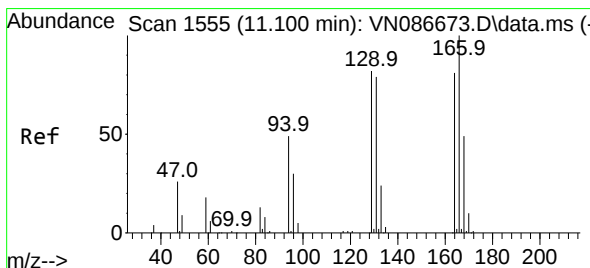
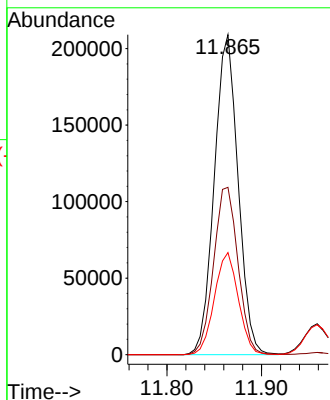
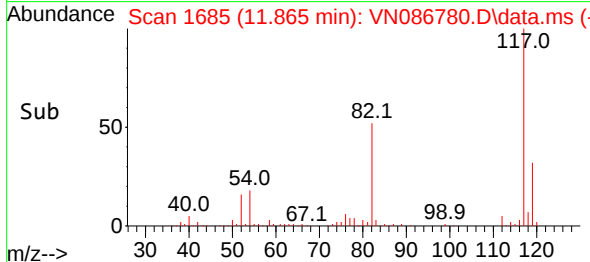
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion:117 Resp: 364983
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.9 25.4 38.2

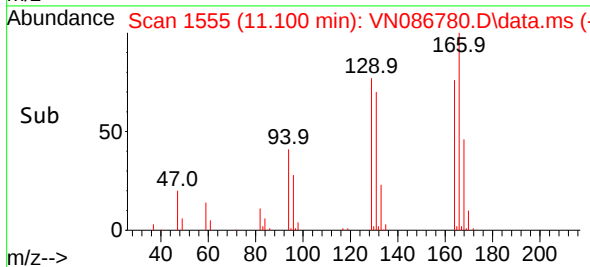
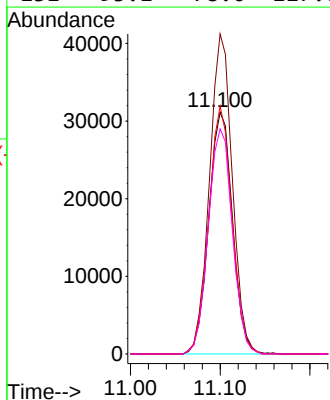
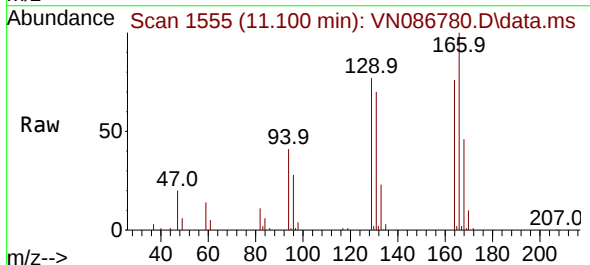
Manual Integrations
APPROVED

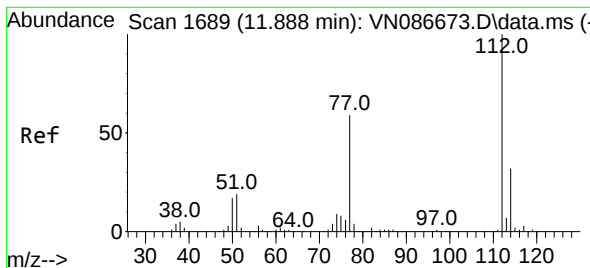
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 20.491 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion:164 Resp: 57291
Ion Ratio Lower Upper
164 100
166 132.4 98.2 147.4
129 102.5 81.0 121.4
131 93.1 78.0 117.0





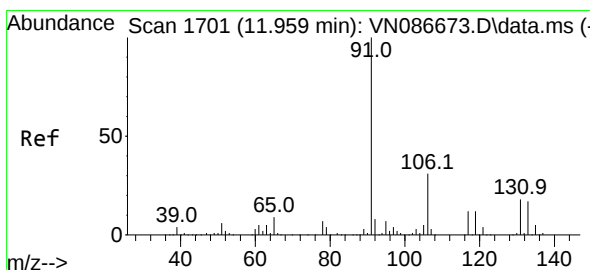
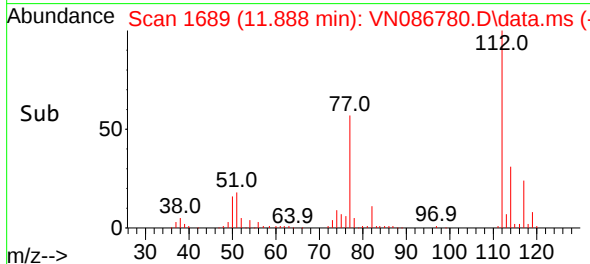
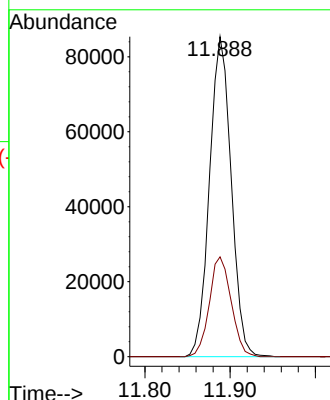
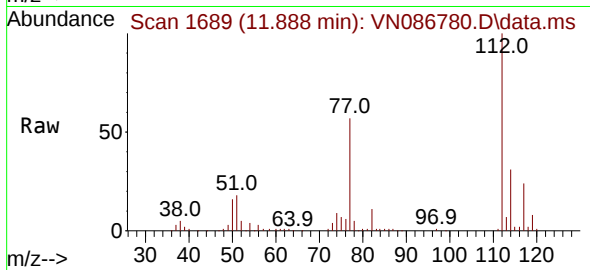
#65
Chlorobenzene
Concen: 18.843 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion:112 Resp: 150810
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9

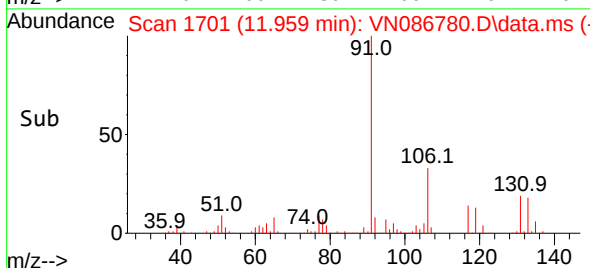
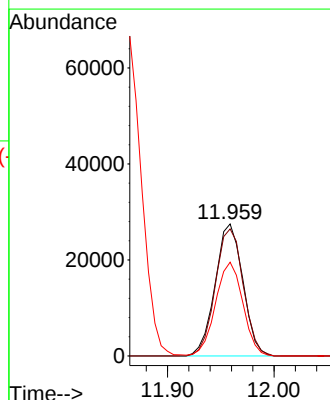
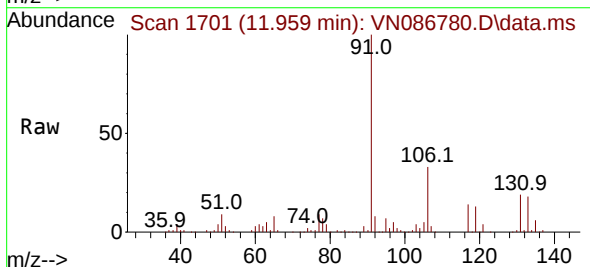
Manual Integrations
APPROVED

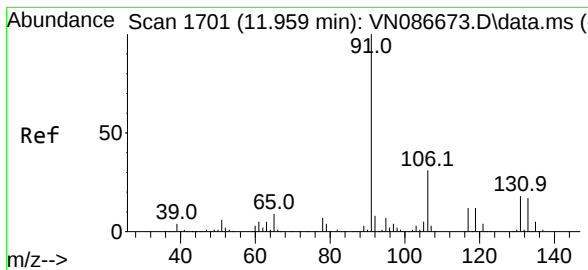
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.266 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

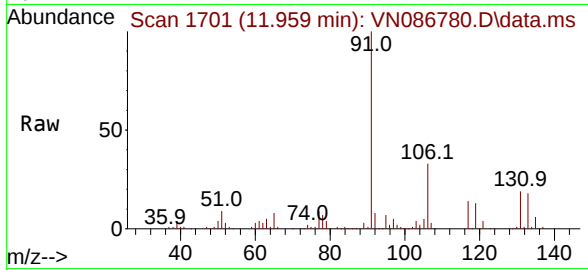
Tgt Ion:131 Resp: 49778
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.7
119 70.0 33.6 100.8





#67
Ethyl Benzene
Concen: 18.324 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

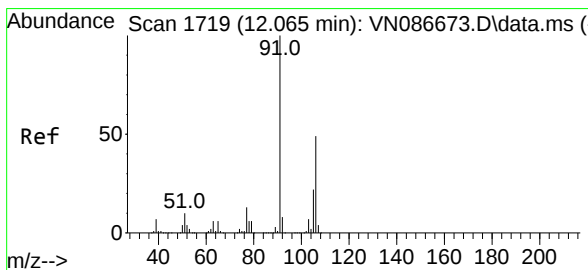
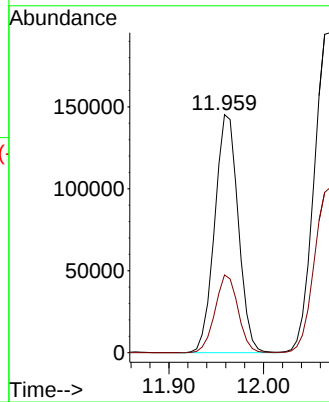
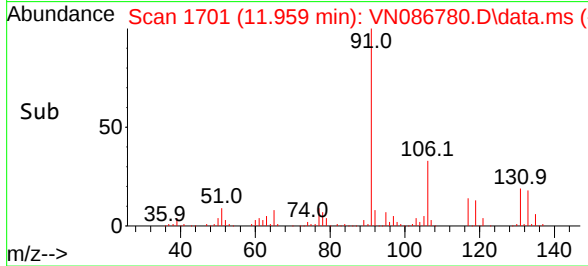
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 91 Resp: 251200
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8

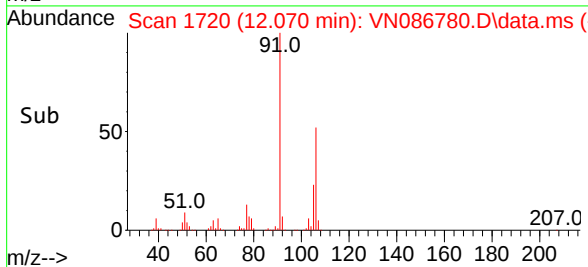
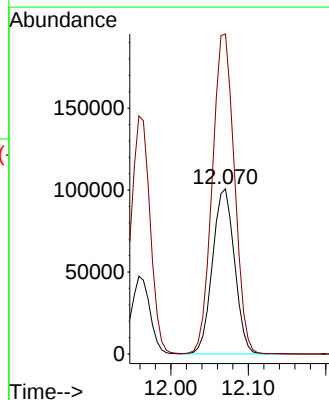
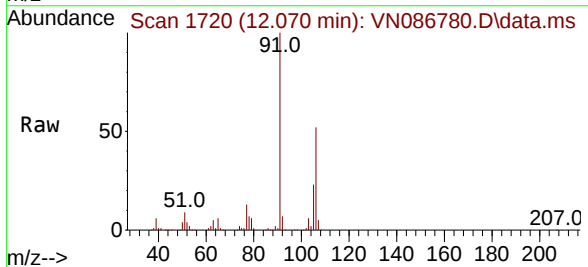
Manual Integrations
APPROVED

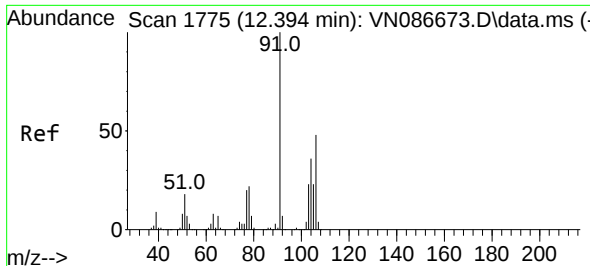
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 38.441 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

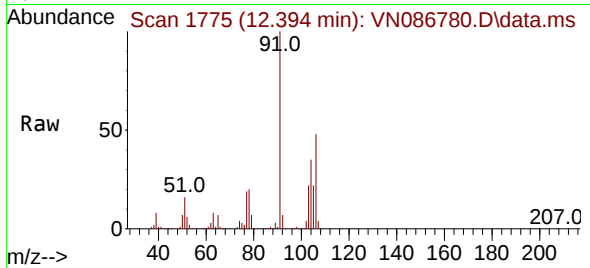
Tgt Ion:106 Resp: 199597
Ion Ratio Lower Upper
106 100
91 195.3 162.4 243.6





#69
o-Xylene
Concen: 18.749 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

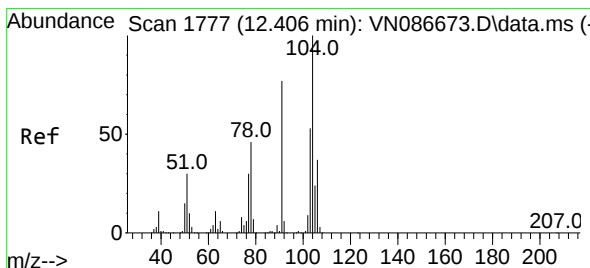
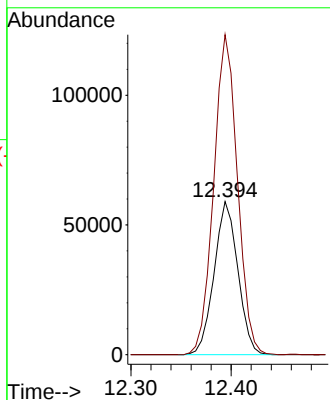
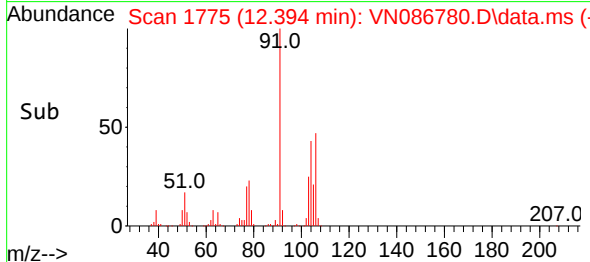
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion:106 Resp: 96784
Ion Ratio Lower Upper
106 100
91 208.9 105.1 315.1

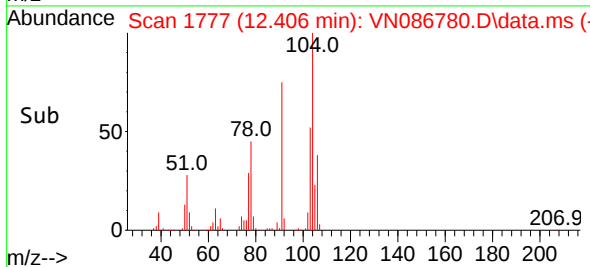
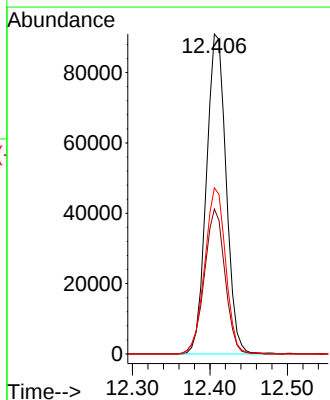
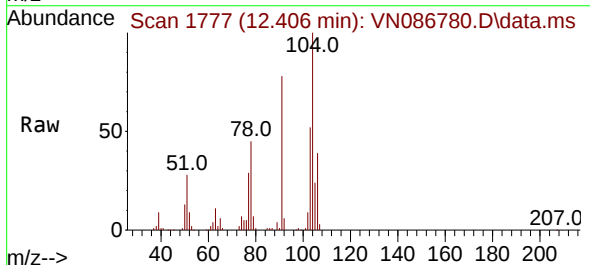
Manual Integrations
APPROVED

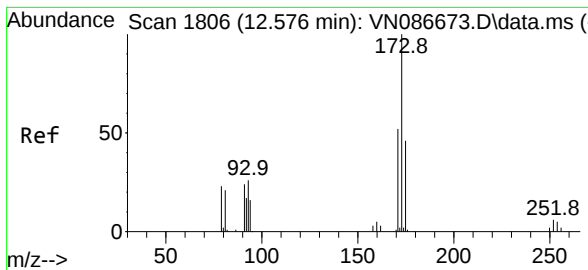
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 19.025 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion:104 Resp: 160791
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.6
103 55.0 43.8 65.8





#71
Bromoform
Concen: 20.260 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

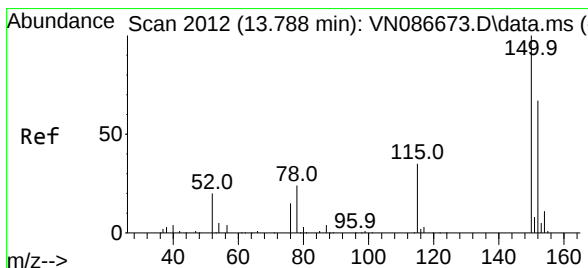
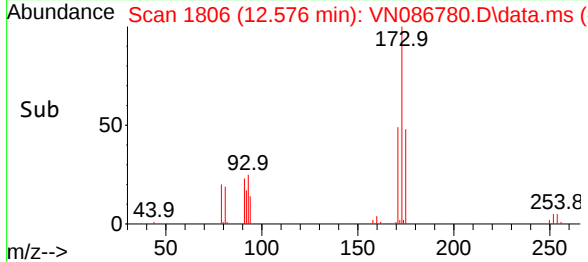
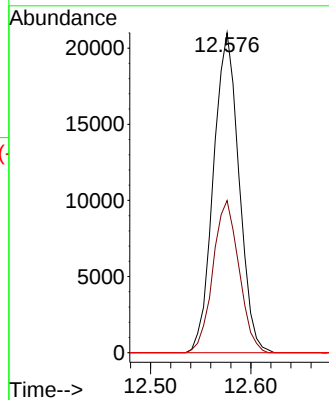
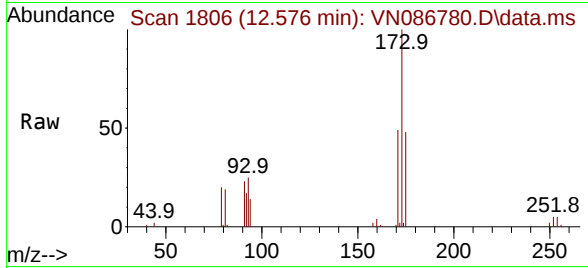
Tgt Ion:173 Resp: 37228
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations

APPROVED

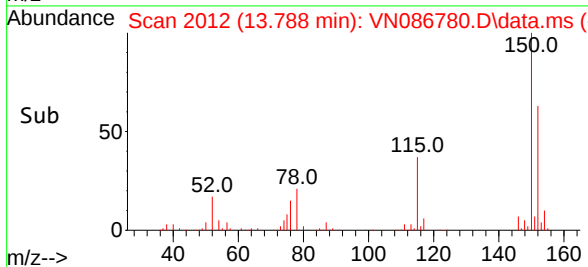
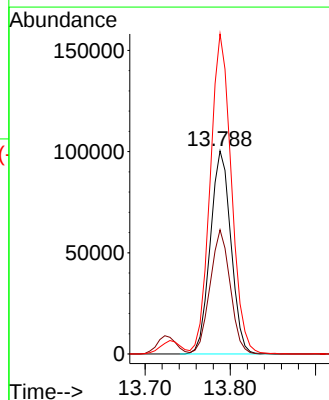
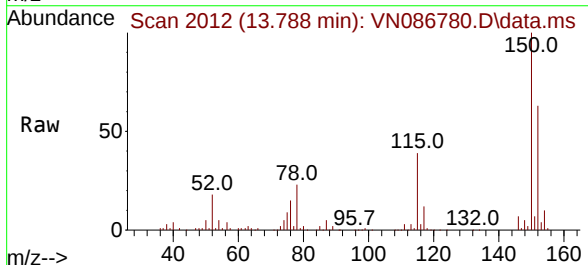
Reviewed By :John Carlone 05/29/2025

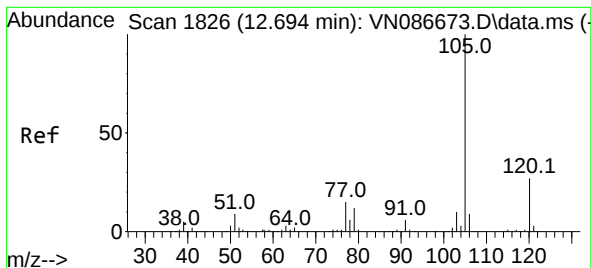
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion:152 Resp: 168788
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 161.5 0.0 347.8





#73

Isopropylbenzene

Concen: 17.635 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

Tgt Ion:105 Resp: 22989

Ion Ratio Lower Upper

105 100

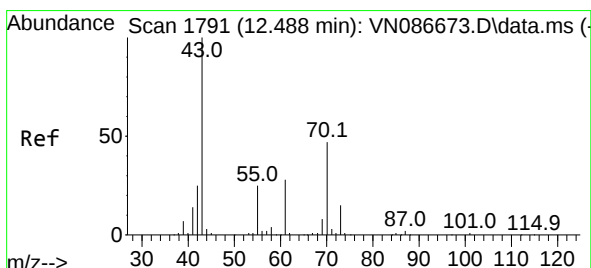
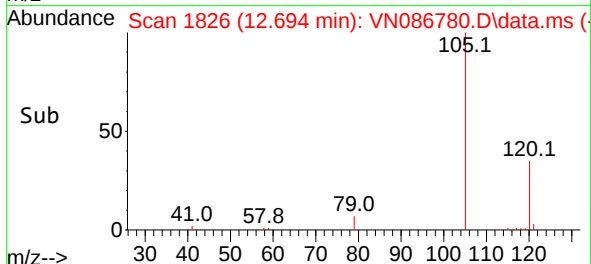
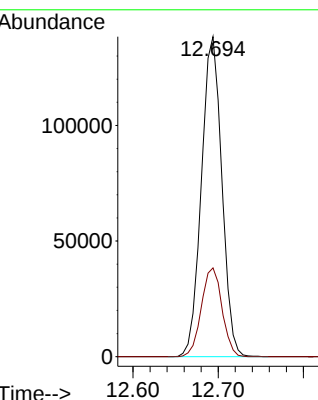
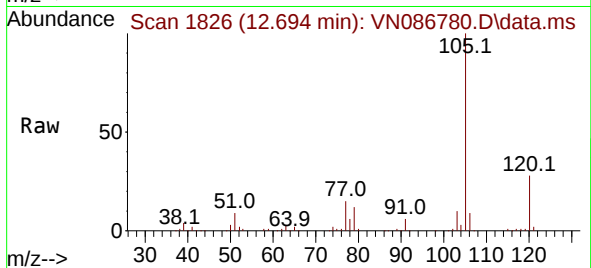
120 28.0 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#74

N-ethyl acetate

Concen: 15.671 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Tgt Ion: 43 Resp: 85353

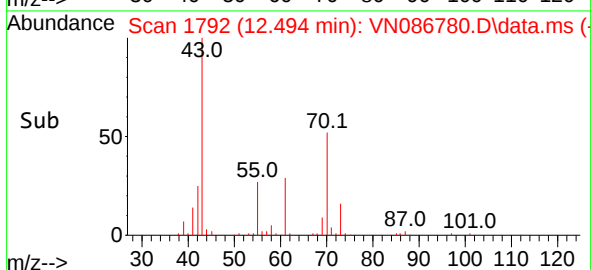
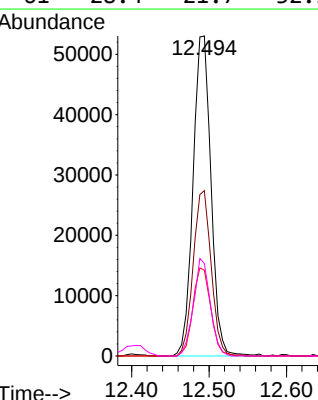
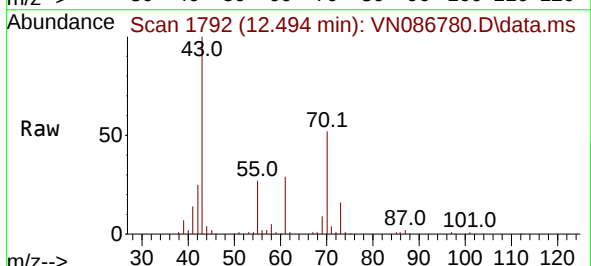
Ion Ratio Lower Upper

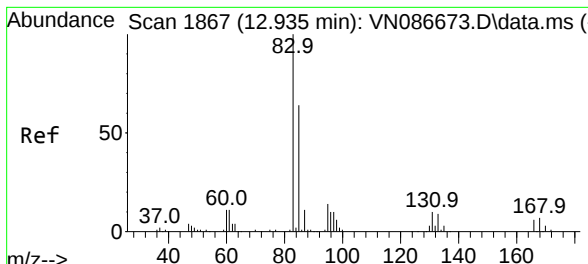
43 100

70 51.8 37.9 56.9

55 27.4 20.5 30.7

61 28.4 21.7 32.5





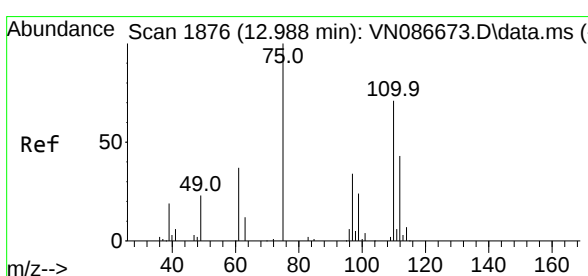
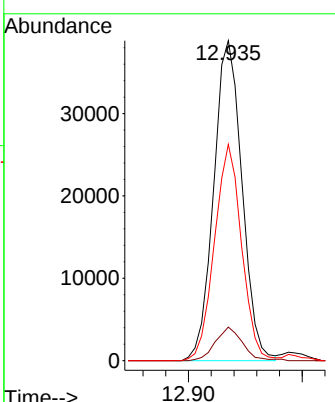
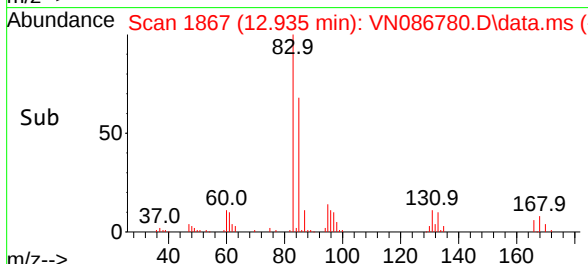
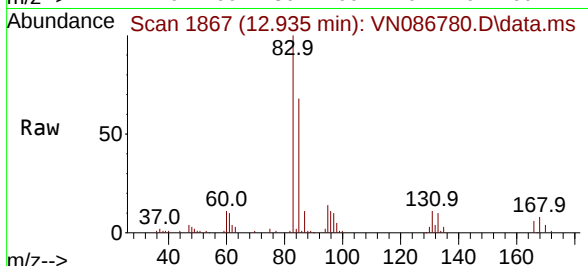
#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.791 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

Instrument : MSVOA_N
 ClientSampleId : VN0527WBSD01

Tgt Ion: 83 Resp: 67249

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	15.0
85	64.7	32.4	97.2

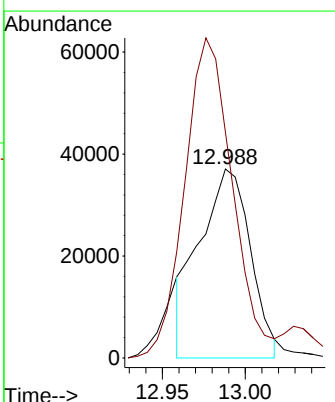
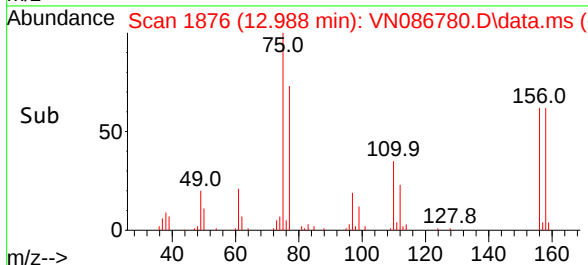
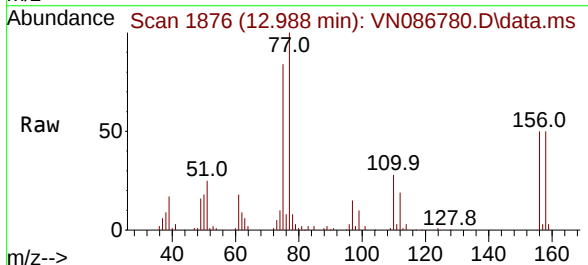
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

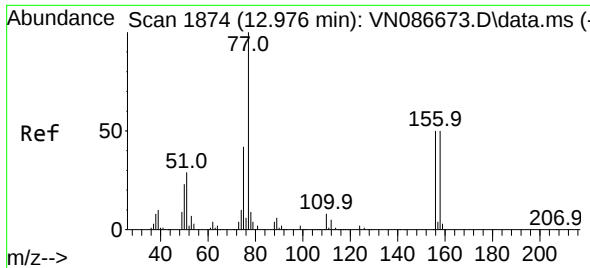


#76
 1,2,3-Trichloropropane
 Concen: 20.765 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

Tgt Ion: 75 Resp: 79268

Ion	Ratio	Lower	Upper
75	100		
77	158.4	96.0	288.1





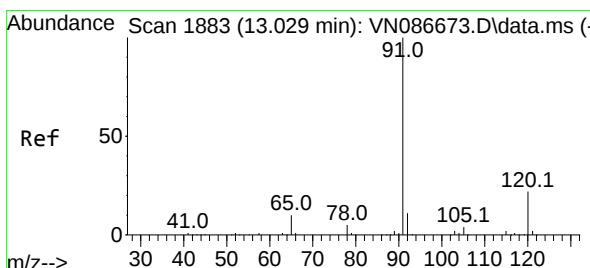
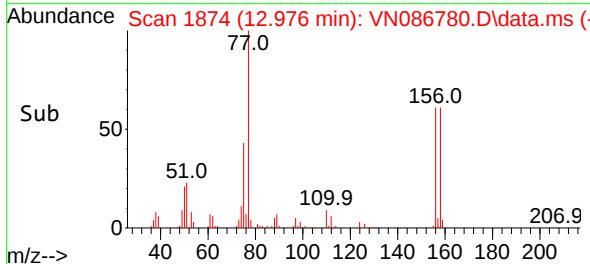
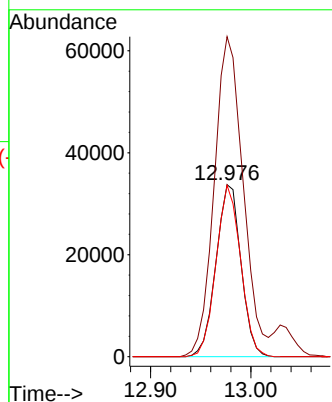
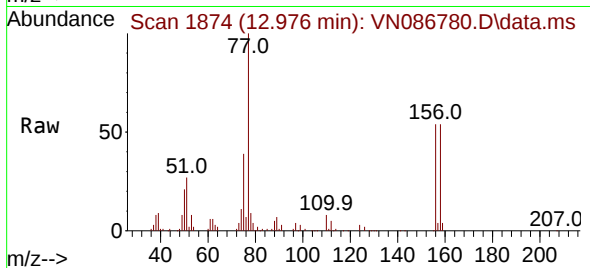
#77
Bromobenzene
Concen: 17.767 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion:156 Resp: 58262
Ion Ratio Lower Upper
156 100
77 215.5 113.1 339.2
158 98.1 48.6 145.9

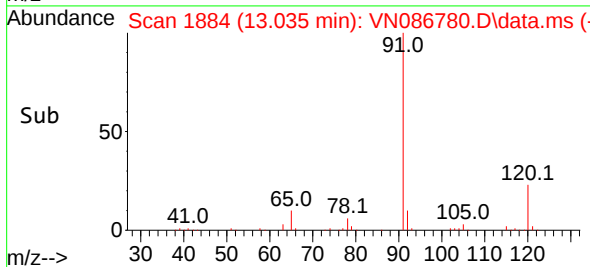
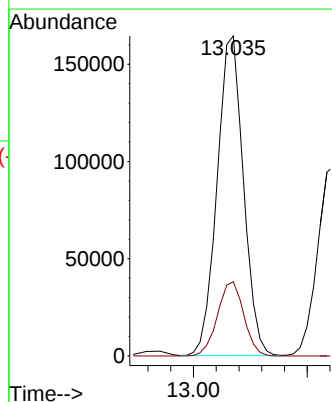
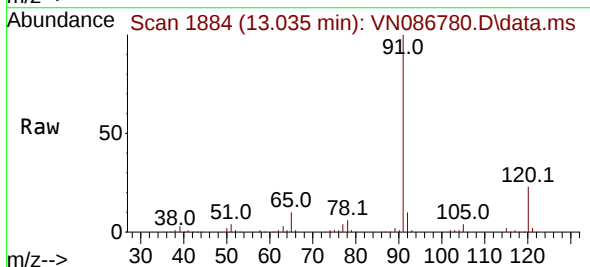
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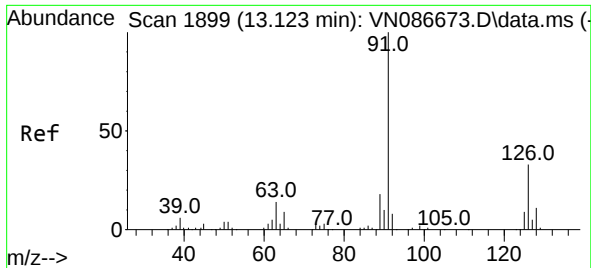
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 17.676 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion: 91 Resp: 264440
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.1





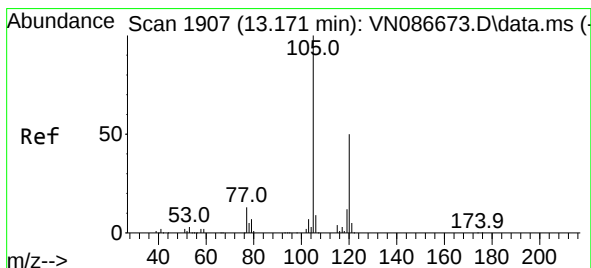
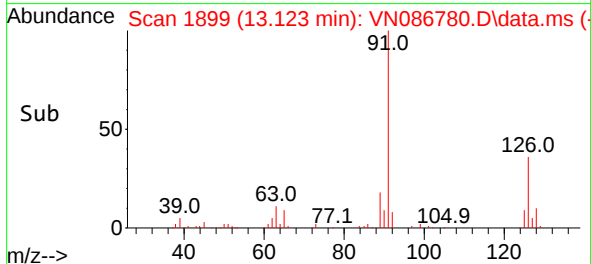
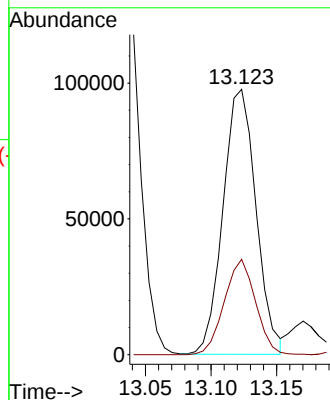
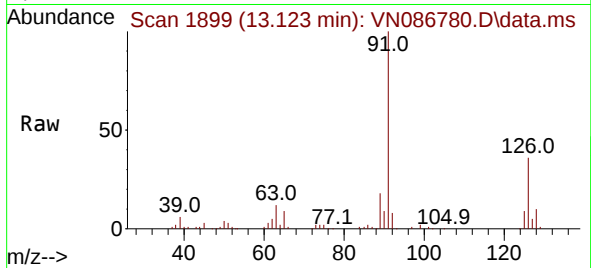
#79
2-Chlorotoluene
Concen: 17.582 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion: 91 Resp: 17102
Ion Ratio Lower Upper
91 100
126 34.1 16.6 49.7

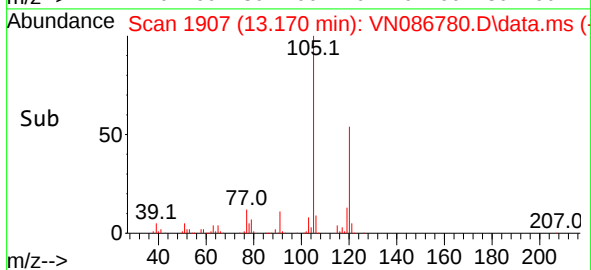
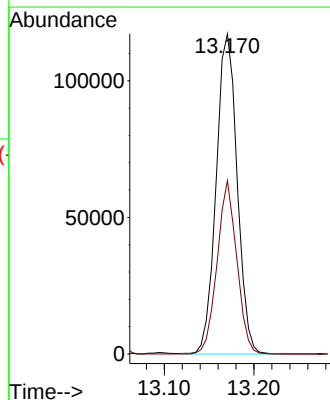
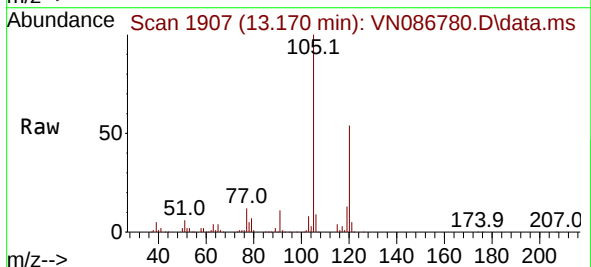
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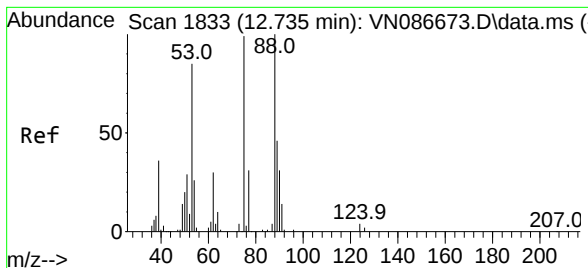
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.216 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

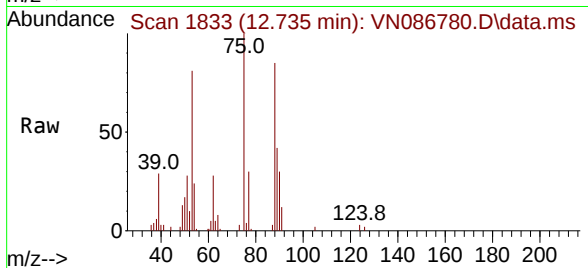
Tgt Ion:105 Resp: 190254
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.201 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

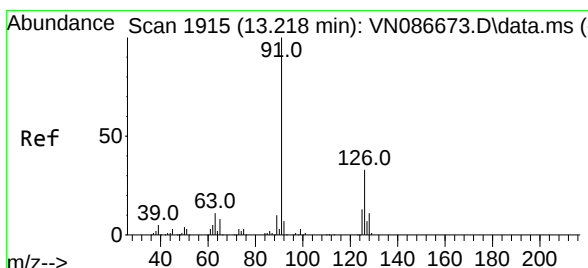
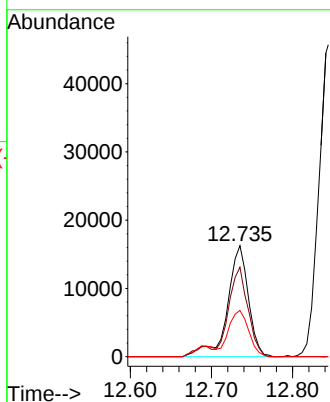
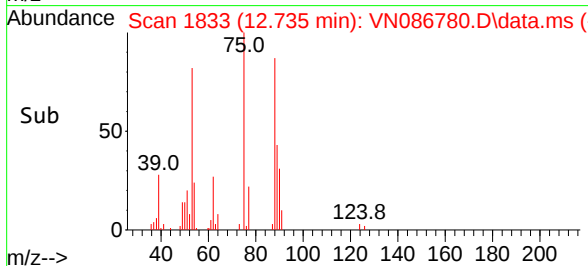
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 75 Resp: 2904
Ion Ratio Lower Upper
75 100
53 74.2 70.4 105.6
89 40.4 32.4 48.6

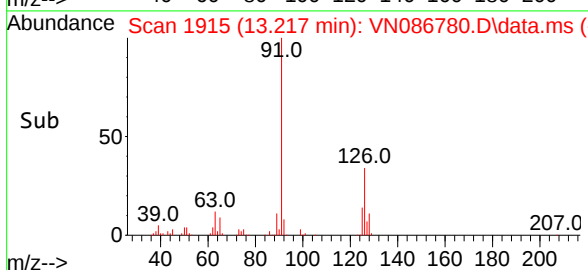
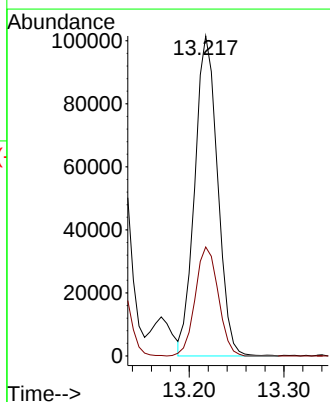
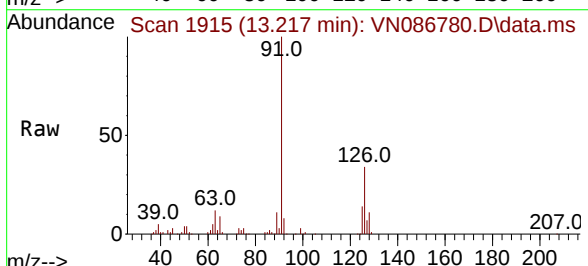
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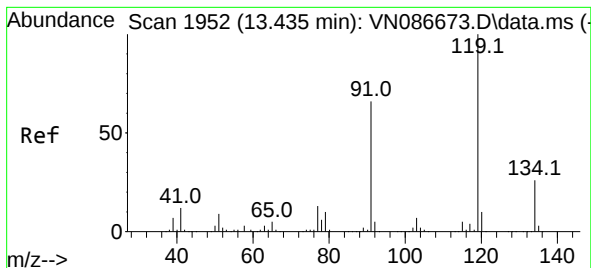
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 17.662 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion: 91 Resp: 170209
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.155 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086780.D

Acq: 27 May 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0527WBSD01

Tgt Ion:119 Resp: 165362

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.7

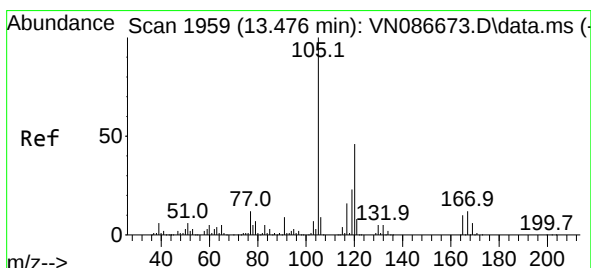
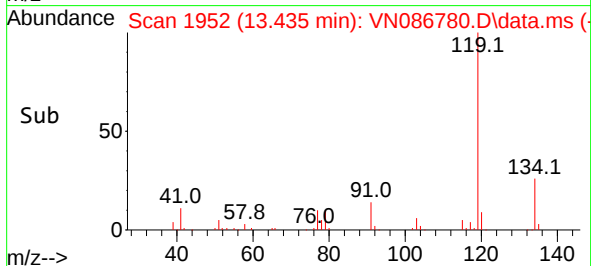
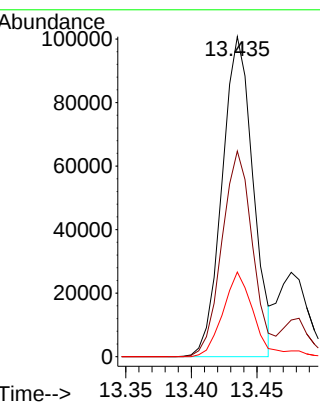
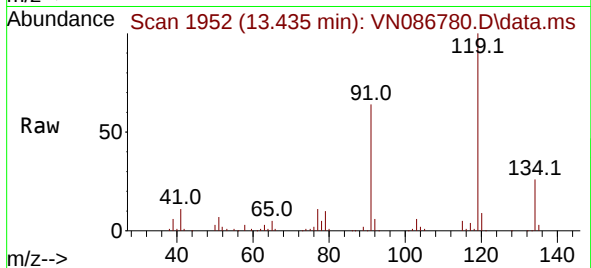
134 26.6 13.4 40.1

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.578 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086780.D

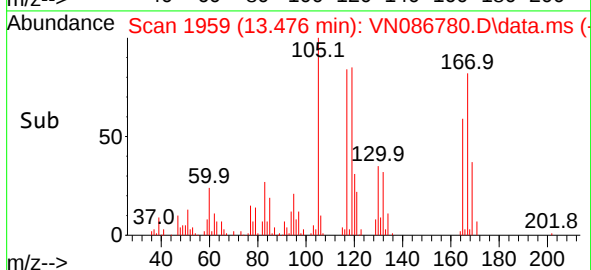
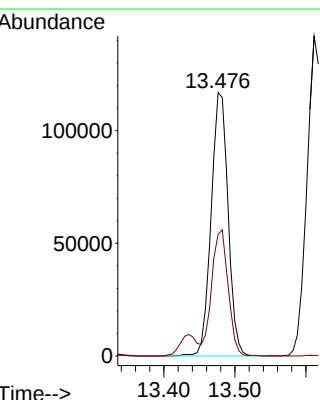
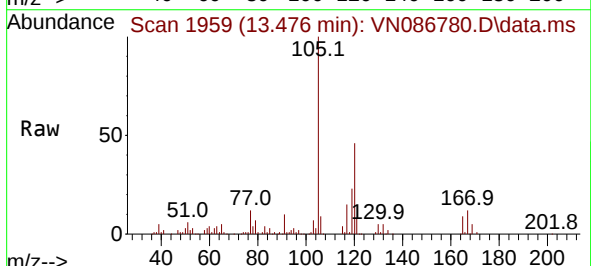
Acq: 27 May 2025 13:18

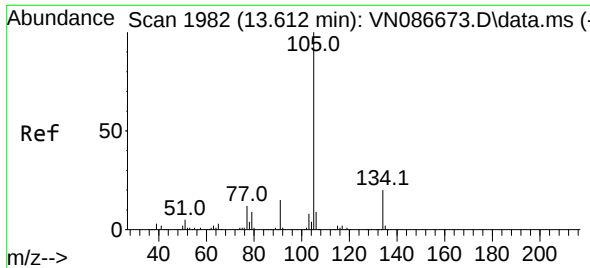
Tgt Ion:105 Resp: 193220

Ion Ratio Lower Upper

105 100

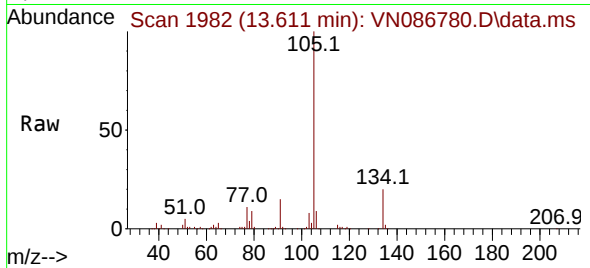
120 46.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 18.545 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18

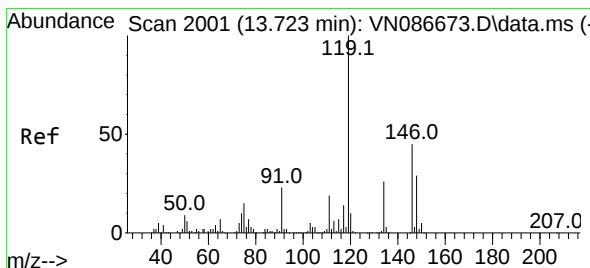
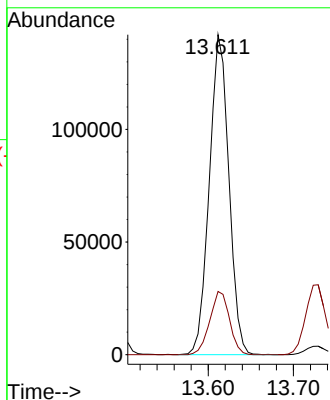
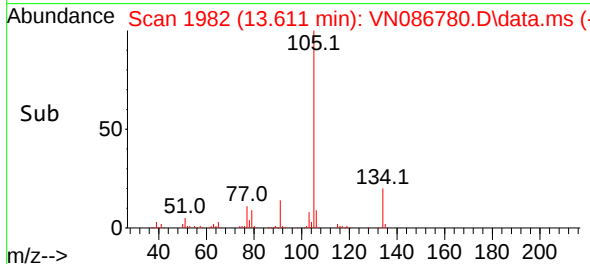
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0527WBSD01



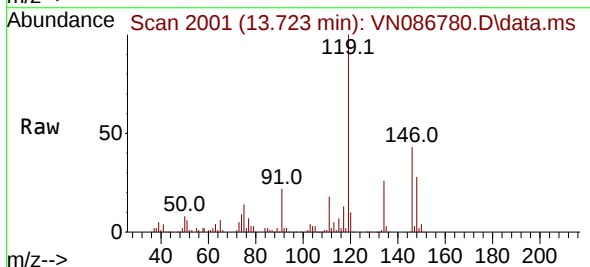
Tgt Ion:105 Resp: 226490
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

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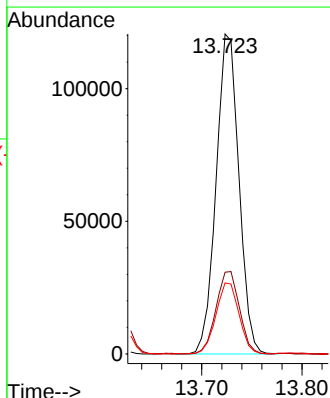
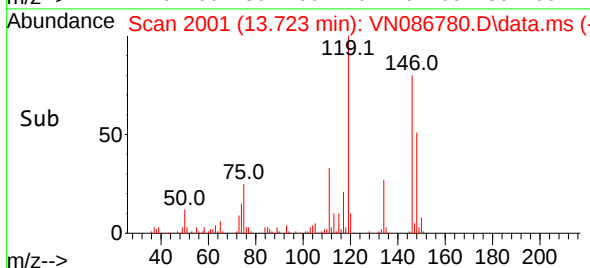
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

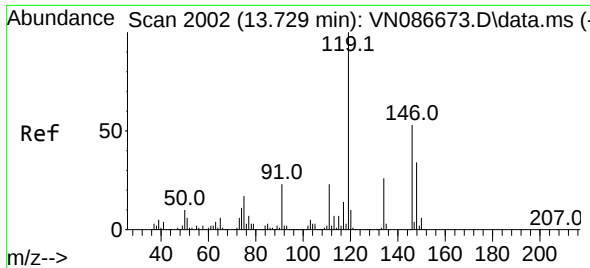


#86
 p-Isopropyltoluene
 Concen: 19.036 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086780.D
 Acq: 27 May 2025 13:18



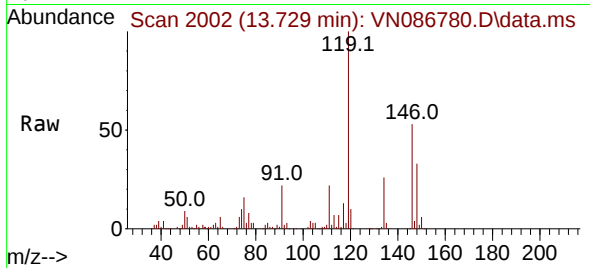
Tgt Ion:119 Resp: 190566
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.6 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 18.640 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

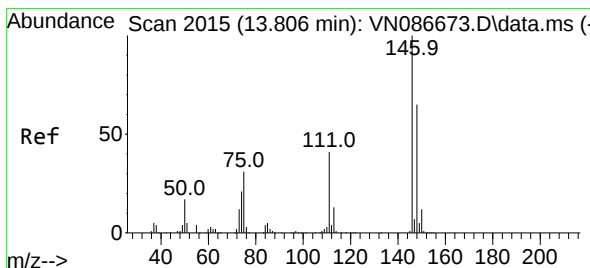
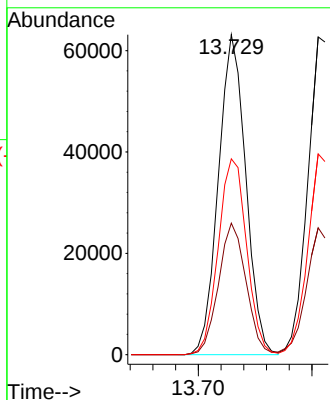
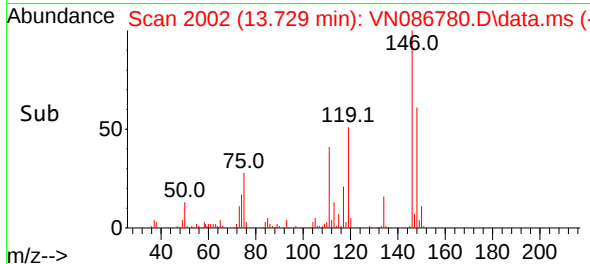
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



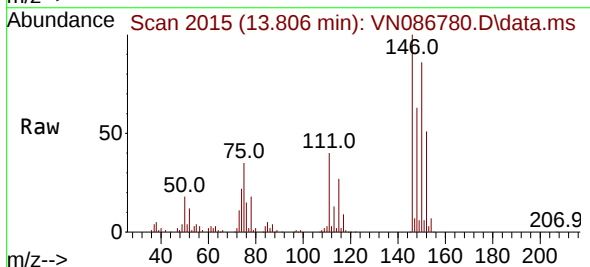
Tgt Ion:146 Resp: 105849
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.7
148 63.4 31.8 95.4

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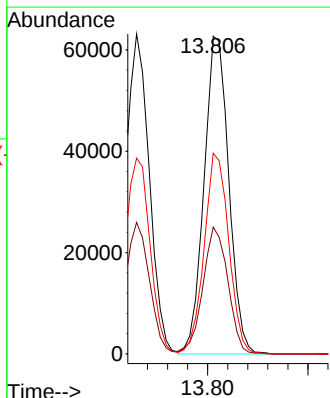
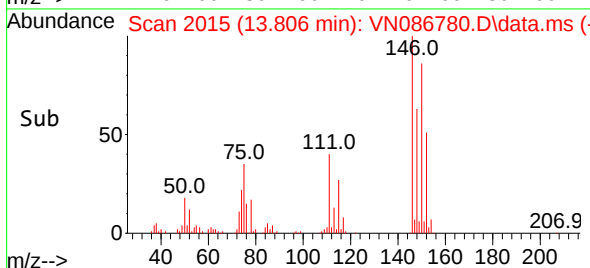
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

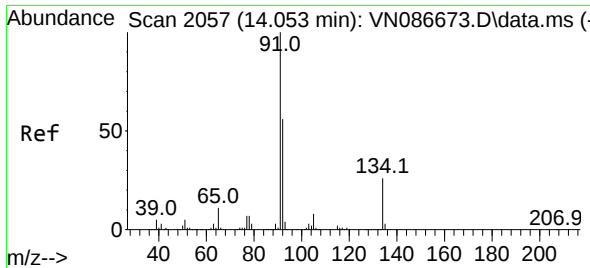


#88
1,4-Dichlorobenzene
Concen: 19.154 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



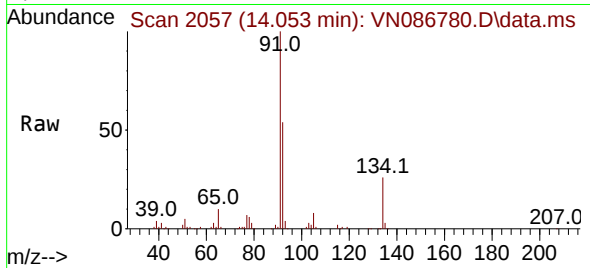
Tgt Ion:146 Resp: 107765
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 62.8 32.0 96.0





#89
n-Butylbenzene
Concen: 18.944 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

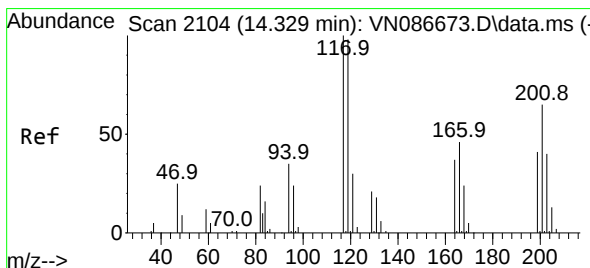
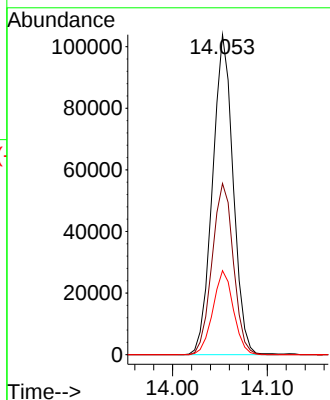
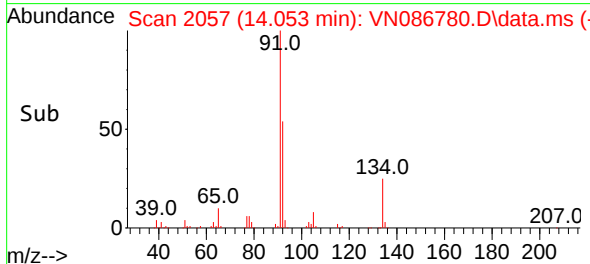
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



Tgt Ion: 91 Resp: 157214
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.0
134 26.1 12.8 38.4

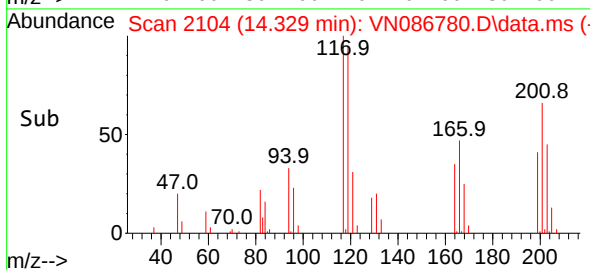
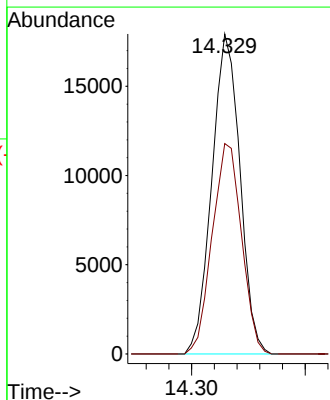
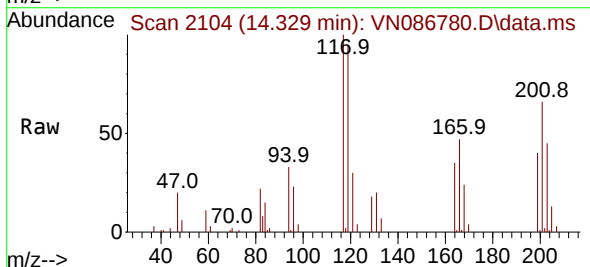
Manual Integrations
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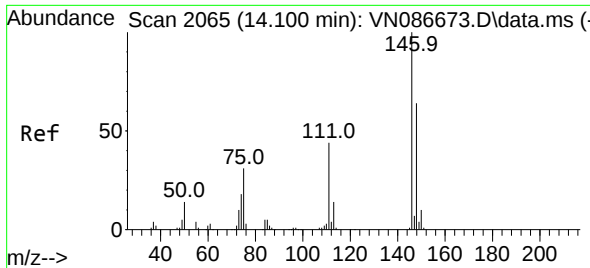
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 18.536 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Tgt Ion:117 Resp: 30788
Ion Ratio Lower Upper
117 100
201 68.6 32.0 96.0





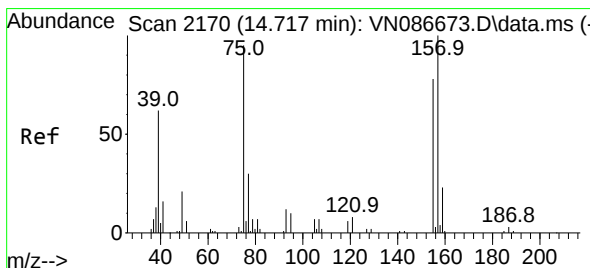
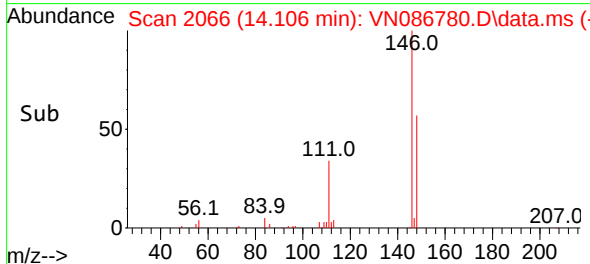
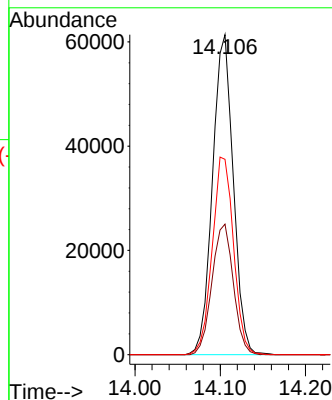
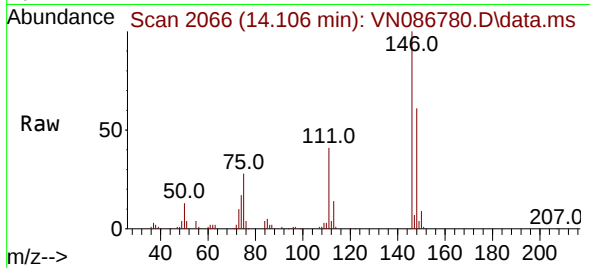
#91
1,2-Dichlorobenzene
Concen: 19.221 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01

Tgt Ion:146 Resp: 10381
Ion Ratio Lower Upper
146 100
111 42.0 21.6 65.0
148 63.4 31.7 95.1

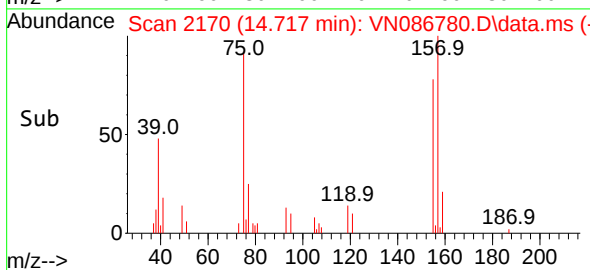
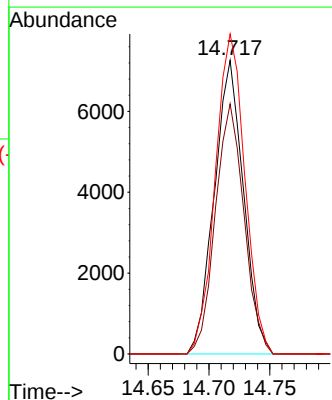
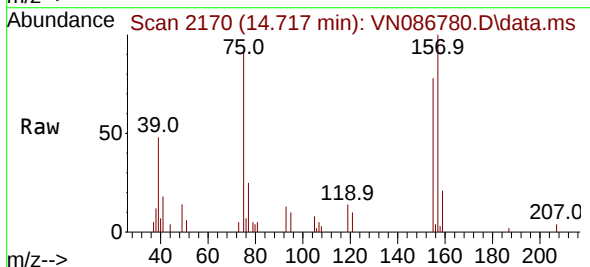
Manual Integrations
APPROVED

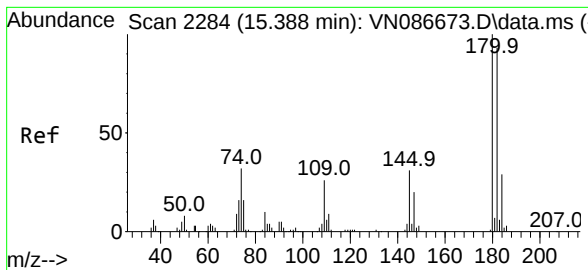
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.271 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

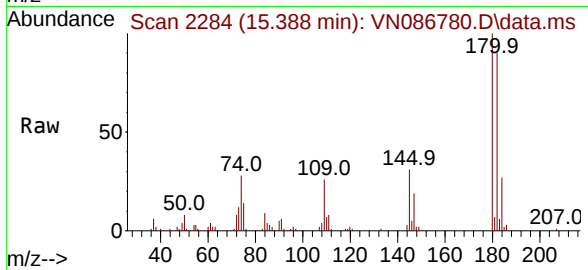
Tgt Ion: 75 Resp: 12122
Ion Ratio Lower Upper
75 100
155 83.5 40.5 121.5
157 110.4 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 21.129 ug/l
RT: 15.388 min Scan# 2102
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

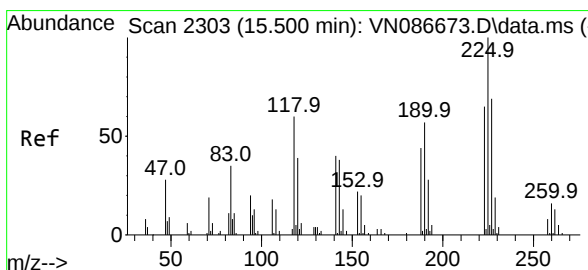
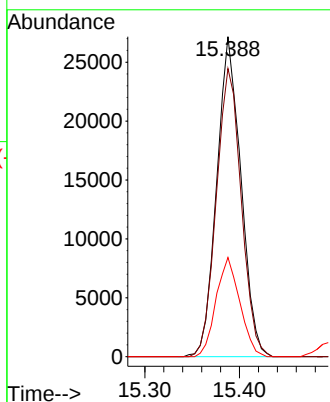
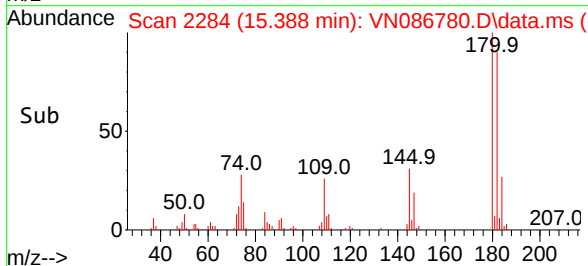
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



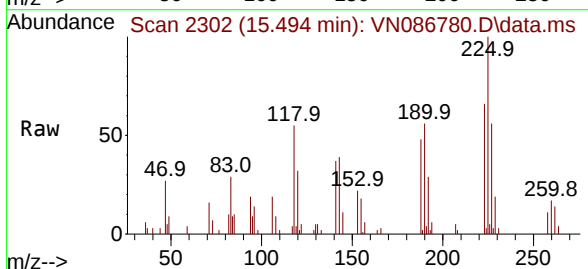
Tgt Ion:180 Resp: 4817
Ion Ratio Lower Upper
180 100
182 92.7 47.1 141.3
145 30.5 15.6 46.8

Manual Integrations
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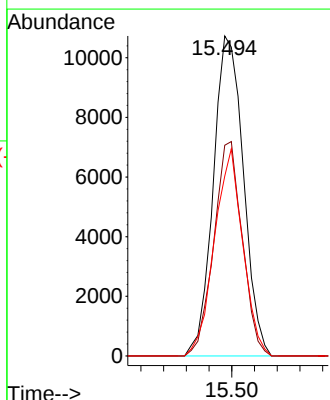
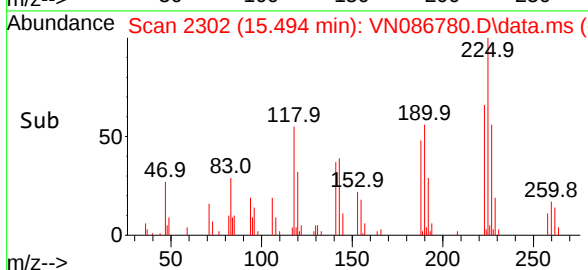
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

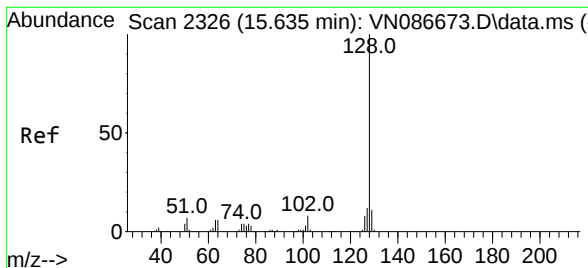


#94
Hexachlorobutadiene
Concen: 20.883 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



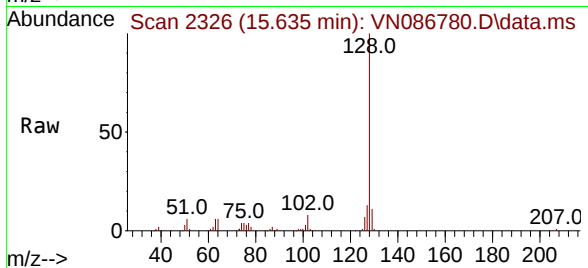
Tgt Ion:225 Resp: 19753
Ion Ratio Lower Upper
225 100
223 63.2 32.9 98.6
227 60.9 32.4 97.2





#95
Naphthalene
Concen: 19.530 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18

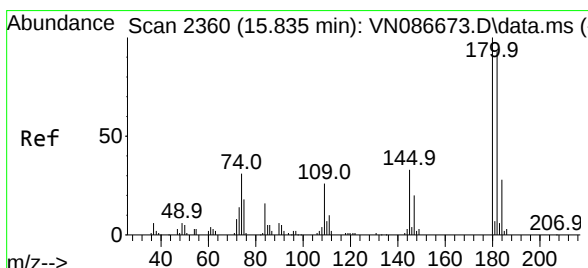
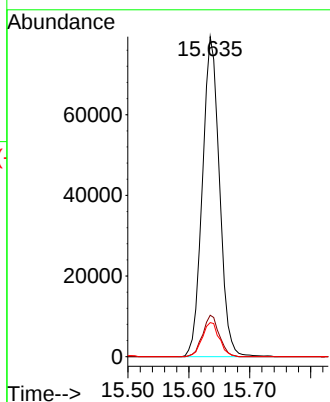
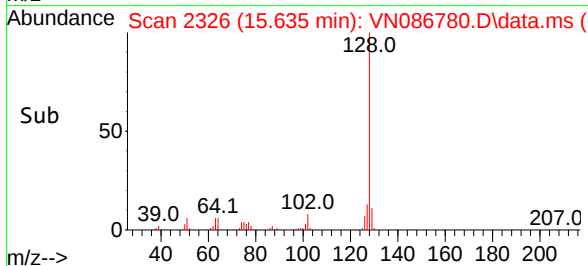
Instrument :
MSVOA_N
ClientSampleId :
VN0527WBSD01



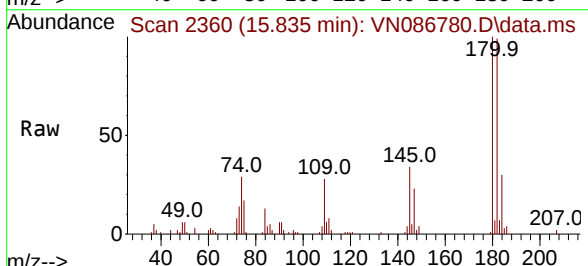
Tgt Ion:128 Resp: 154590
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.496 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086780.D
Acq: 27 May 2025 13:18



Tgt Ion:180 Resp: 45761
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 32.3 16.7 50.1

