

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086593.D
 Acq On : 13 May 2025 11:45
 Operator : JC\MD
 Sample : VN0513WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

Quant Time: May 14 01:39:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	206275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	368128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	139858	46.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.520%		
35) Dibromofluoromethane	8.165	113	107537	62.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	125.880%#		
50) Toluene-d8	10.565	98	451956	49.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	12.847	95	162645	48.834	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	48782	19.950	ug/l	99
3) Chloromethane	2.359	50	65226	18.354	ug/l	98
4) Vinyl Chloride	2.512	62	61222	18.053	ug/l	98
5) Bromomethane	2.953	94	35204	23.078	ug/l	98
6) Chloroethane	3.124	64	40549	17.865	ug/l	96
7) Trichlorofluoromethane	3.500	101	71504	19.035	ug/l	94
8) Diethyl Ether	3.965	74	28055	17.108	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	43136	18.982	ug/l	97
10) Methyl Iodide	4.583	142	51210	20.497	ug/l	99
11) Tert butyl alcohol	5.518	59	46015	84.313	ug/l	98
12) 1,1-Dichloroethene	4.341	96	43972	18.112	ug/l	98
13) Acrolein	4.183	56	30066	109.673	ug/l	97
14) Allyl chloride	5.024	41	63580	14.731	ug/l	96
15) Acrylonitrile	5.718	53	116444	86.309	ug/l	99
16) Acetone	4.424	43	93999	87.176	ug/l	96
17) Carbon Disulfide	4.712	76	118565	16.310	ug/l	98
18) Methyl Acetate	5.024	43	53299	14.844	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	152495	17.087	ug/l	98
20) Methylene Chloride	5.277	84	52169	18.866	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	46696	18.397	ug/l	91
22) Diisopropyl ether	6.671	45	153072	16.304	ug/l #	96
23) Vinyl Acetate	6.600	43	569803	86.818	ug/l	98
24) 1,1-Dichloroethane	6.565	63	87631	17.690	ug/l	99
25) 2-Butanone	7.477	43	152064	81.674	ug/l	98
26) 2,2-Dichloropropane	7.488	77	76500	17.248	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	56944	18.075	ug/l	94
28) Bromochloromethane	7.812	49	36405	17.332	ug/l	89
29) Tetrahydrofuran	7.835	42	100298	80.559	ug/l	95
30) Chloroform	7.959	83	88918	18.272	ug/l	99
31) Cyclohexane	8.253	56	79478	16.396	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	77979	18.732	ug/l	92
36) 1,1-Dichloropropene	8.371	75	62210	18.230	ug/l	97
37) Ethyl Acetate	7.559	43	63441	17.658	ug/l	99
38) Carbon Tetrachloride	8.359	117	63962	19.682	ug/l	98
39) Methylcyclohexane	9.600	83	69276	17.079	ug/l	97
40) Benzene	8.606	78	205908	18.833	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35349	16.977	ug/l	98
42) 1,2-Dichloroethane	8.671	62	67949	19.488	ug/l	99
43) Isopropyl Acetate	8.682	43	123787	17.738	ug/l	97
44) Trichloroethene	9.347	130	50269	19.398	ug/l	96
45) 1,2-Dichloropropane	9.618	63	50281	18.787	ug/l	99
46) Dibromomethane	9.706	93	34151	20.027	ug/l	96
47) Bromodichloromethane	9.888	83	70548	19.155	ug/l	96
48) Methyl methacrylate	9.676	41	51376	16.284	ug/l	96
49) 1,4-Dioxane	9.694	88	20995	391.219	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	327272	88.959	ug/l	98
52) Toluene	10.629	92	134393	19.699	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	76479	18.603	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	81090	17.958	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	48425	19.729	ug/l	97
56) Ethyl methacrylate	10.870	69	79393	17.596	ug/l	98
57) 1,3-Dichloropropane	11.159	76	83488	19.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	166139	77.581	ug/l	98
59) 2-Hexanone	11.194	43	241488	88.497	ug/l	98
60) Dibromochloromethane	11.359	129	52941	19.642	ug/l	99
61) 1,2-Dibromoethane	11.465	107	49943	20.165	ug/l	99
64) Tetrachloroethene	11.100	164	48313	18.943	ug/l	96
65) Chlorobenzene	11.888	112	147057	19.874	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	47917	19.630	ug/l	100
67) Ethyl Benzene	11.959	91	257076	19.253	ug/l	100
68) m/p-Xylenes	12.065	106	198193	39.614	ug/l	96
69) o-Xylene	12.394	106	98359	19.880	ug/l	96
70) Styrene	12.406	104	161579	19.600	ug/l	98
71) Bromoform	12.576	173	35369	19.245	ug/l #	99
73) Isopropylbenzene	12.694	105	234979	19.124	ug/l	100
74) N-amyl acetate	12.488	43	102753	16.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	71932	20.361	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	65713m	18.539	ug/l	
77) Bromobenzene	12.976	156	57805	21.232	ug/l	92
78) n-propylbenzene	13.029	91	273203	18.869	ug/l	100
79) 2-Chlorotoluene	13.123	91	175413	19.361	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	193448	19.236	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	25902m	17.550	ug/l	
82) 4-Chlorotoluene	13.217	91	172092	19.122	ug/l	97
83) tert-Butylbenzene	13.435	119	164102	18.832	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	192860	18.840	ug/l	100
85) sec-Butylbenzene	13.611	105	224807	18.600	ug/l	98
86) p-Isopropyltoluene	13.723	119	185419	18.612	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	101704	19.872	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	101847	19.758	ug/l	99
89) n-Butylbenzene	14.053	91	152980	17.324	ug/l	99
90) Hexachloroethane	14.329	117	32269	19.257	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	96991	19.547	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12459	17.490	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	41546	17.486	ug/l	98
94) Hexachlorobutadiene	15.494	225	16054	17.900	ug/l	99
95) Naphthalene	15.635	128	138573	16.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39351	17.494	ug/l	100

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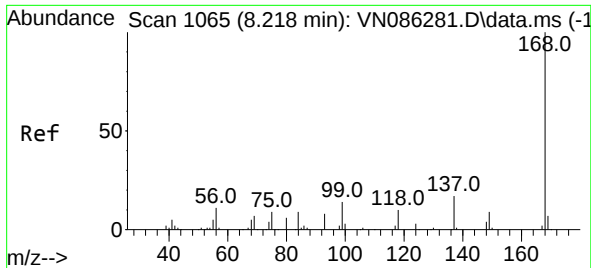
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

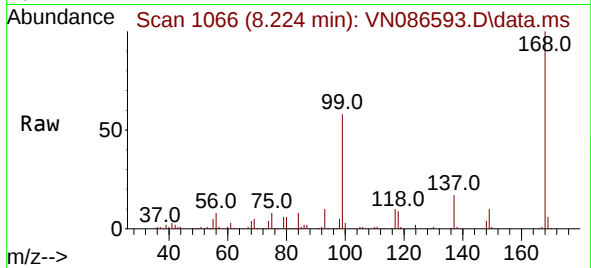
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086593.D
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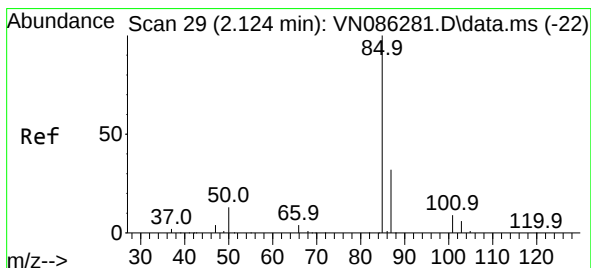
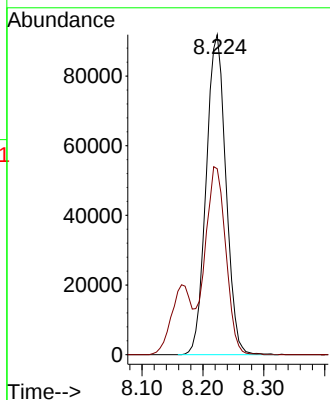
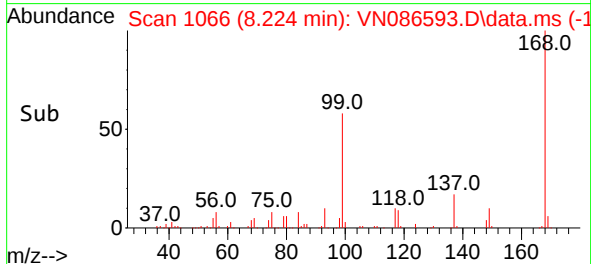
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion:168 Resp: 206279
Ion Ratio Lower Upper
168 100
99 58.1 52.5 78.7

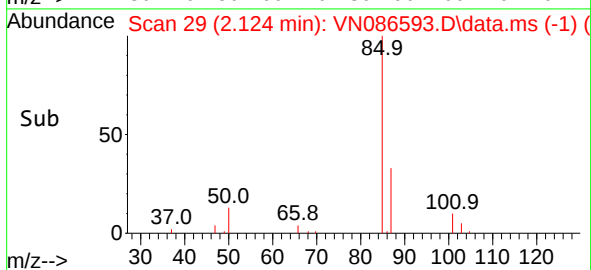
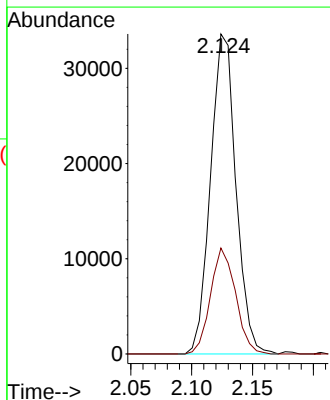
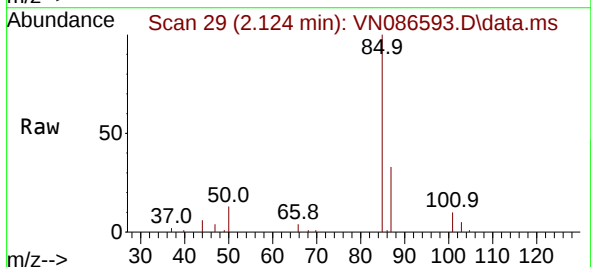
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Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 19.950 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

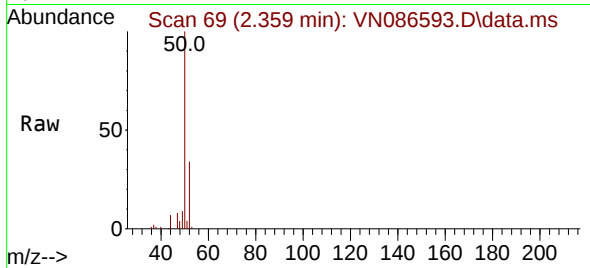
Tgt Ion: 85 Resp: 48782
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.8





#3
Chloromethane
Concen: 18.354 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

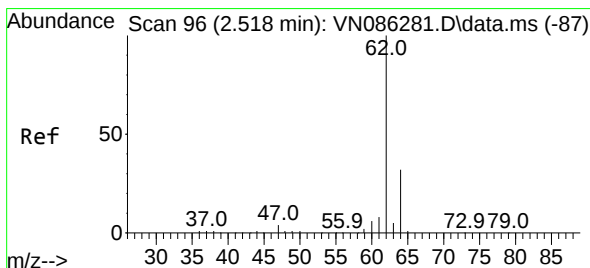
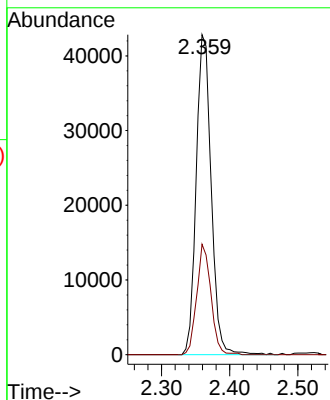
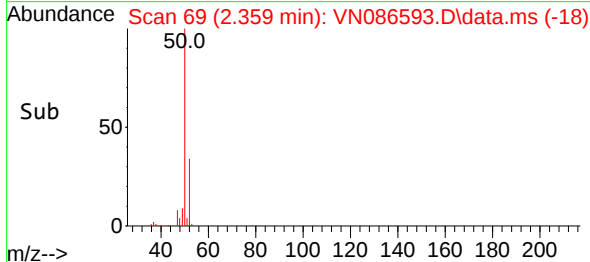
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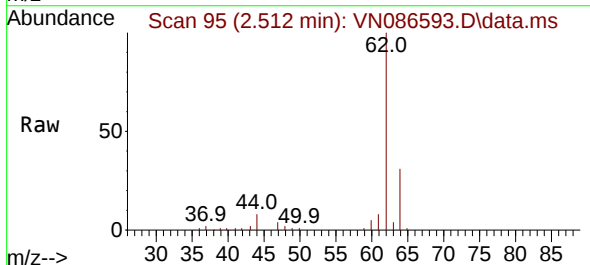
Tgt Ion: 50 Resp: 65220
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

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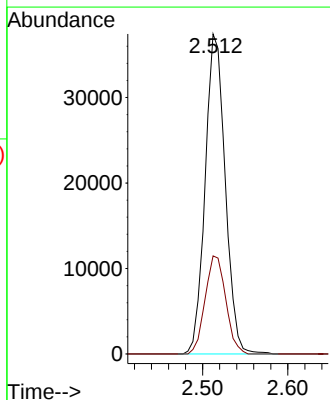
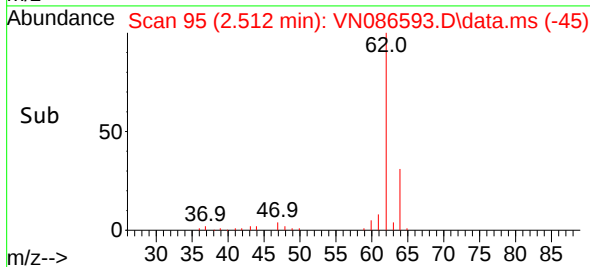
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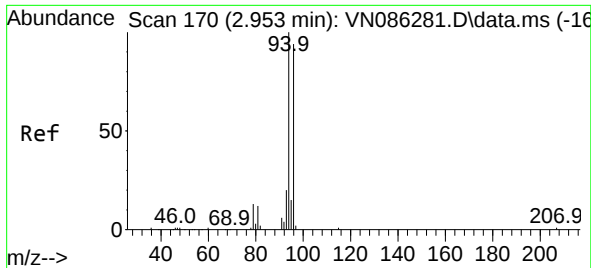


#4
Vinyl Chloride
Concen: 18.053 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



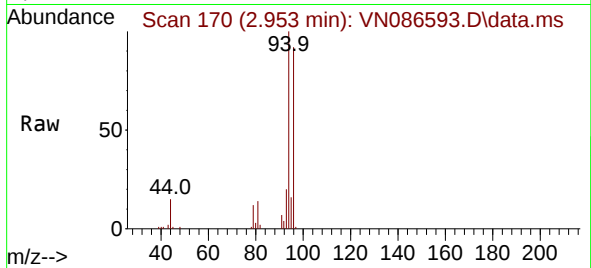
Tgt Ion: 62 Resp: 61222
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4





#5
Bromomethane
Concen: 23.078 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

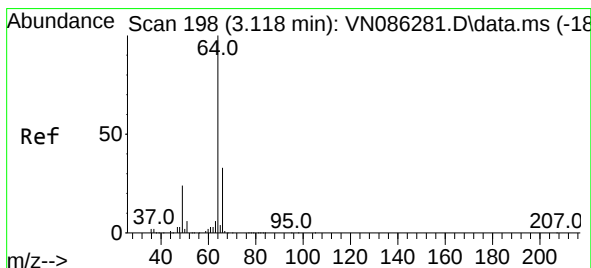
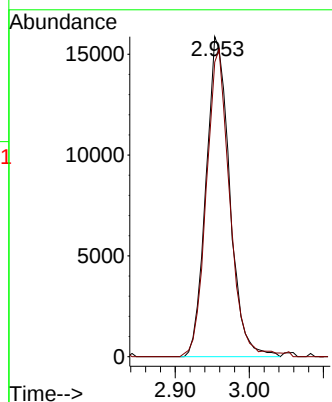
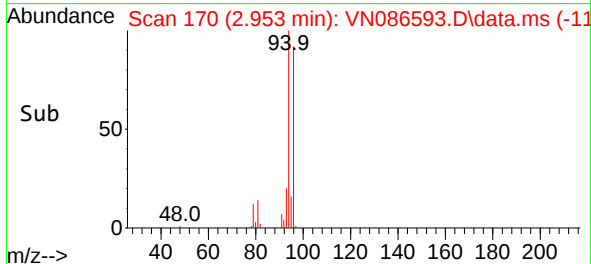
Instrument :
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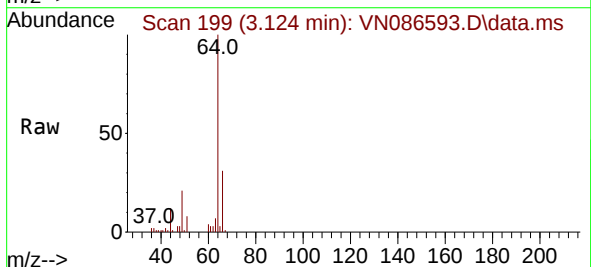
Tgt Ion: 94 Resp: 35204
Ion Ratio Lower Upper
94 100
96 92.1 75.2 112.8

Manual Integrations
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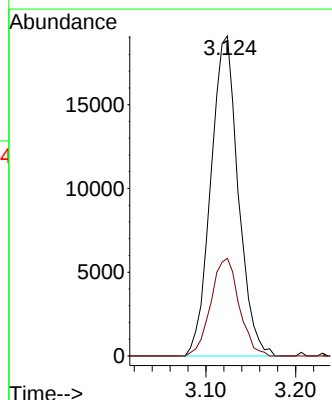
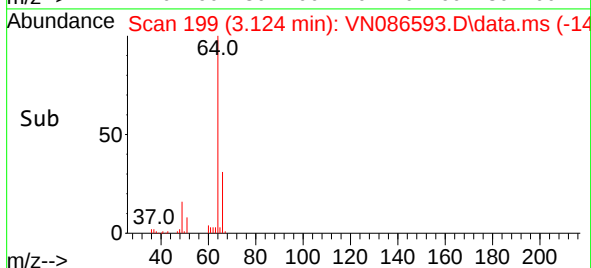
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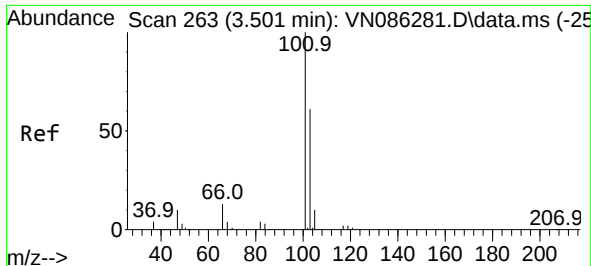


#6
Chloroethane
Concen: 17.865 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



Tgt Ion: 64 Resp: 40549
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.2





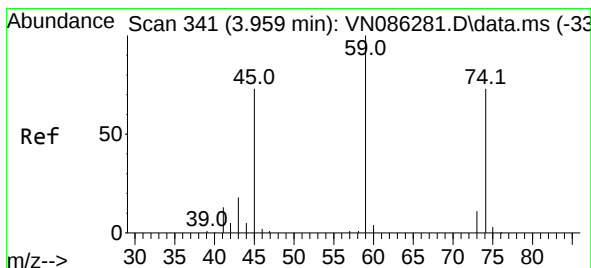
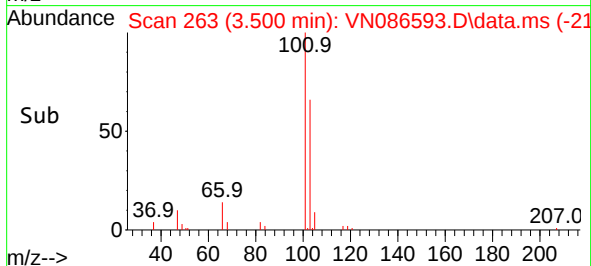
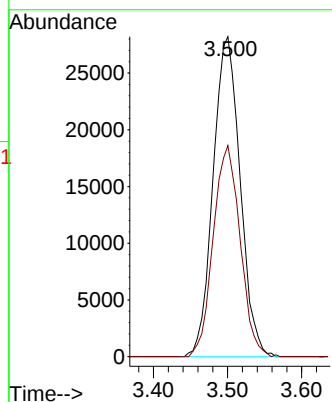
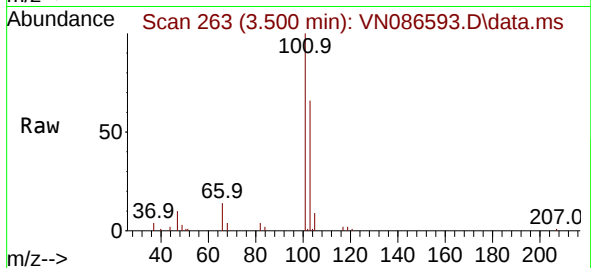
#7
 Trichlorofluoromethane
 Concen: 19.035 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 71504
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.2 73.8

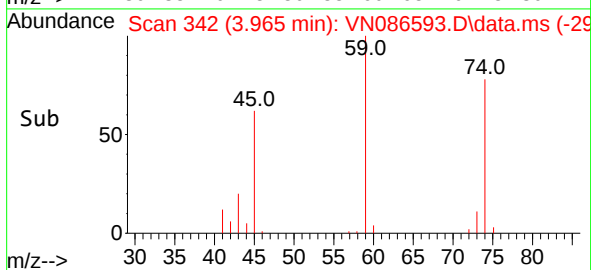
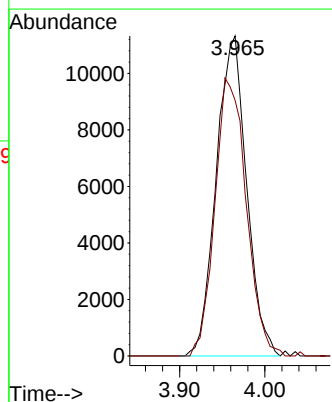
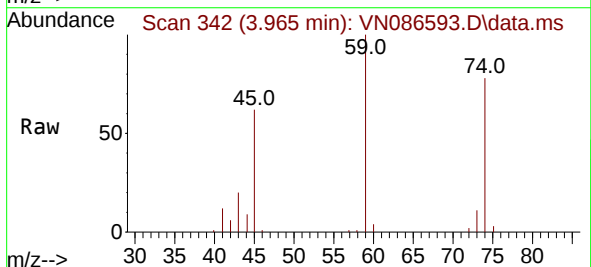
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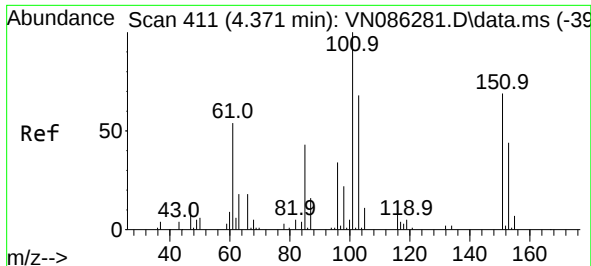
Reviewed By :John Carlone 05/14/2025
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#8
 Diethyl Ether
 Concen: 17.108 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

Tgt Ion: 74 Resp: 28055
 Ion Ratio Lower Upper
 74 100
 45 89.5 48.0 144.2





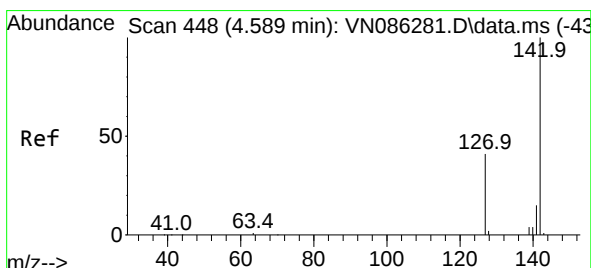
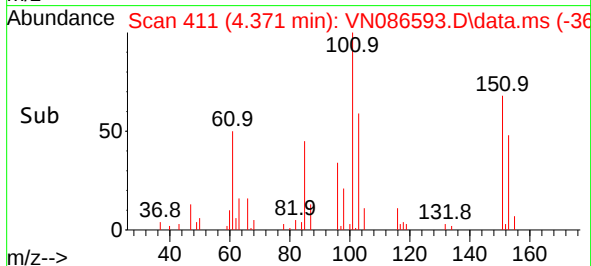
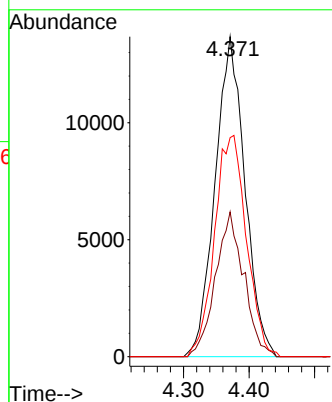
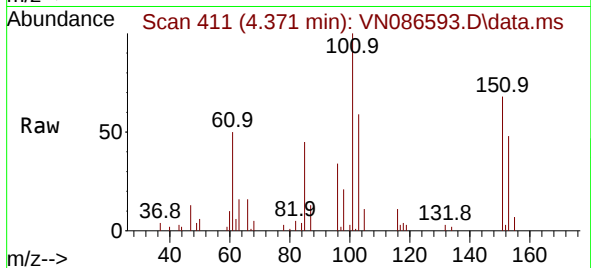
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.982 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:101 Resp: 43130
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 74.0 56.1 84.1

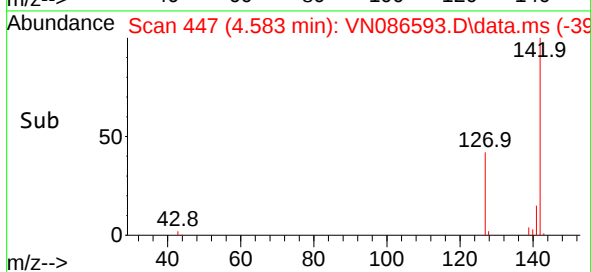
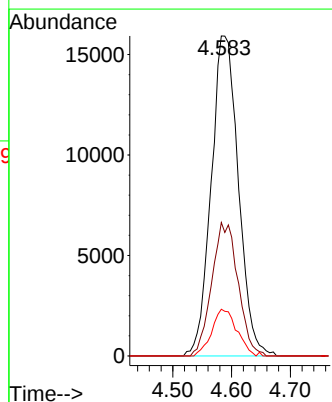
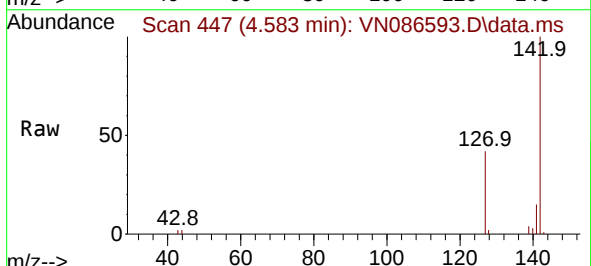
Manual Integrations
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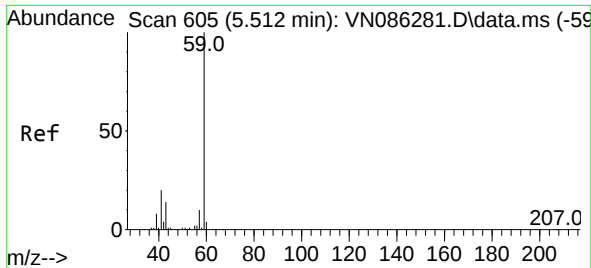
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#10
Methyl Iodide
Concen: 20.497 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion:142 Resp: 51210
Ion Ratio Lower Upper
142 100
127 41.7 32.7 49.1
141 14.6 11.7 17.5





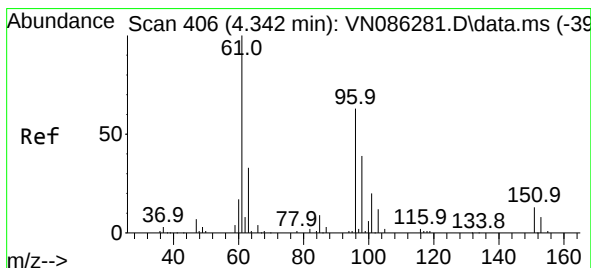
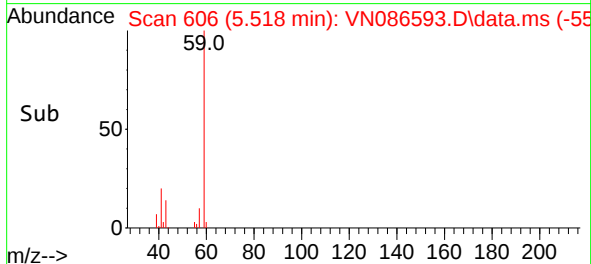
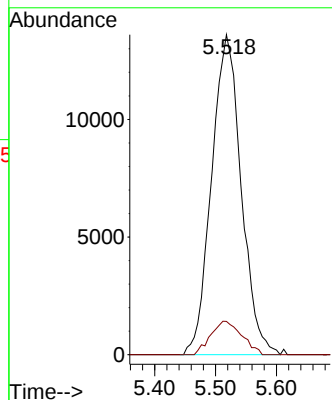
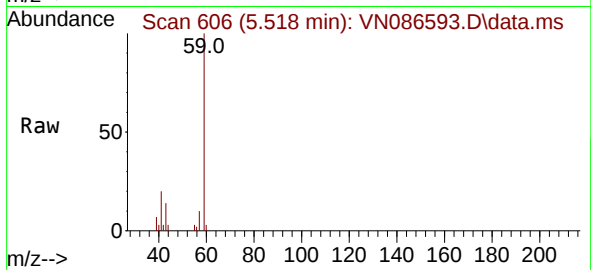
#11
Tert butyl alcohol
Concen: 84.313 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 59 Resp: 4601
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

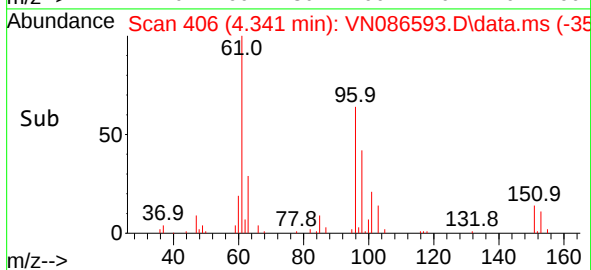
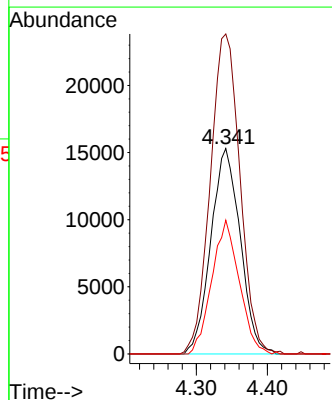
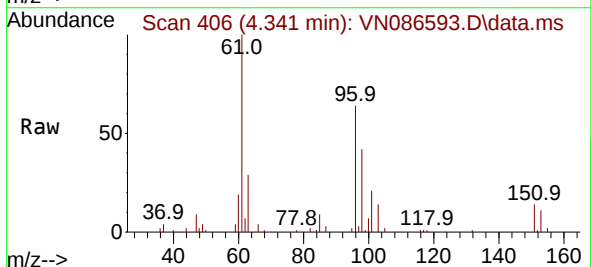
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#12
1,1-Dichloroethene
Concen: 18.112 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

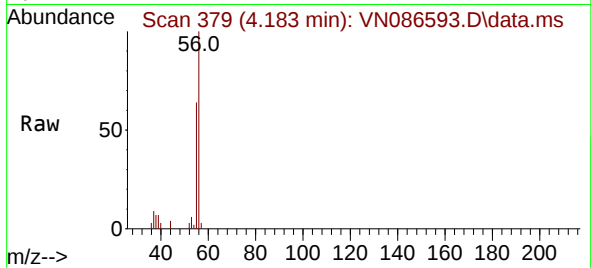
Tgt Ion: 96 Resp: 43972
Ion Ratio Lower Upper
96 100
61 155.8 126.6 189.8
98 65.1 49.6 74.4





#13
Acrolein
Concen: 109.673 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

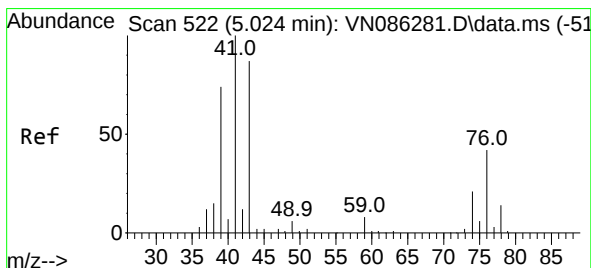
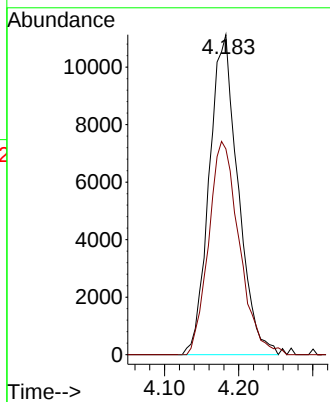
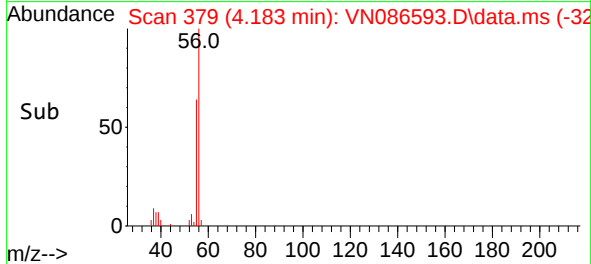
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



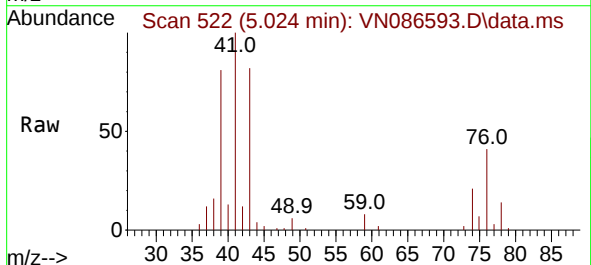
Tgt Ion: 56 Resp: 3006
Ion Ratio Lower Upper
56 100
55 70.9 58.5 87.7

Manual Integrations
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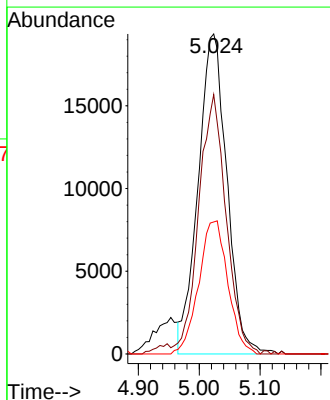
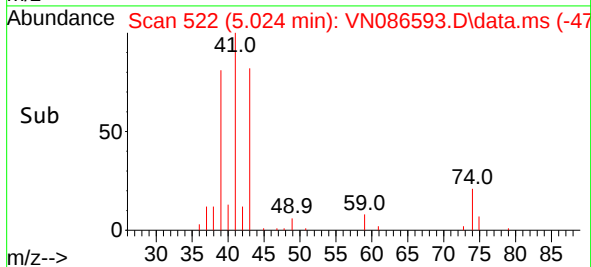
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#14
Allyl chloride
Concen: 14.731 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



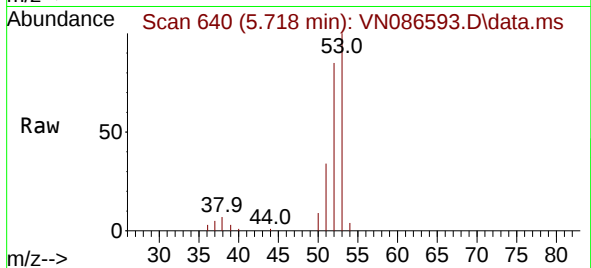
Tgt Ion: 41 Resp: 63580
Ion Ratio Lower Upper
41 100
39 77.2 59.2 88.8
76 42.1 31.2 46.8





#15
Acrylonitrile
Concen: 86.309 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

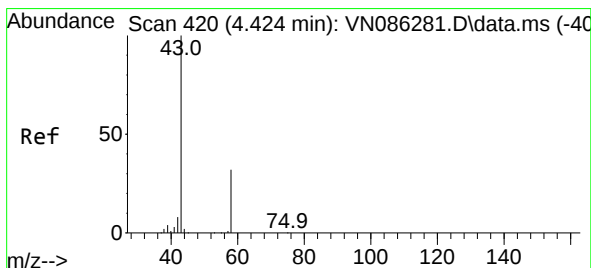
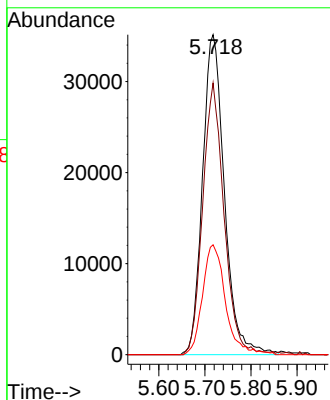
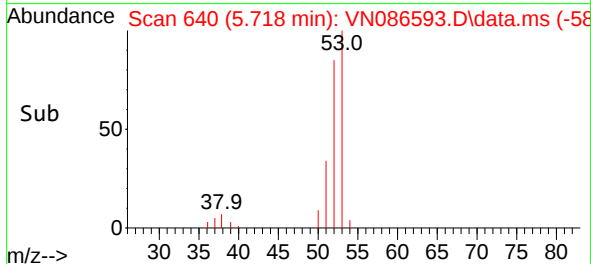
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 53 Resp: 116444
Ion Ratio Lower Upper
53 100
52 82.9 65.5 98.3
51 36.0 28.6 42.8

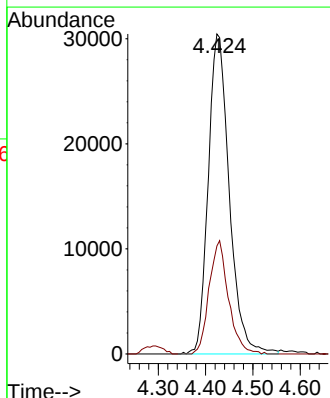
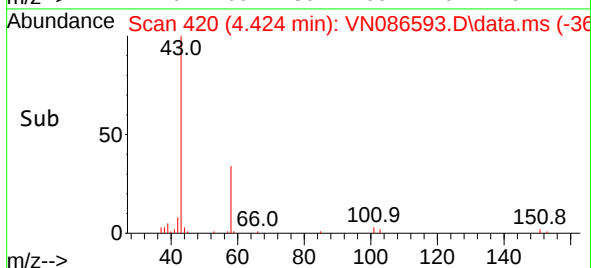
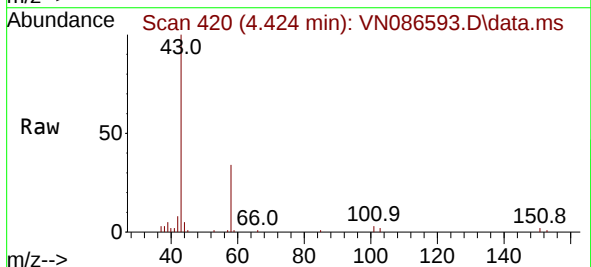
Manual Integrations
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Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 87.176 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

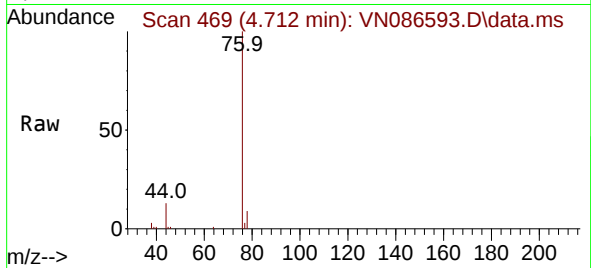
Tgt Ion: 43 Resp: 93999
Ion Ratio Lower Upper
43 100
58 33.8 25.3 37.9





#17
Carbon Disulfide
Concen: 16.310 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

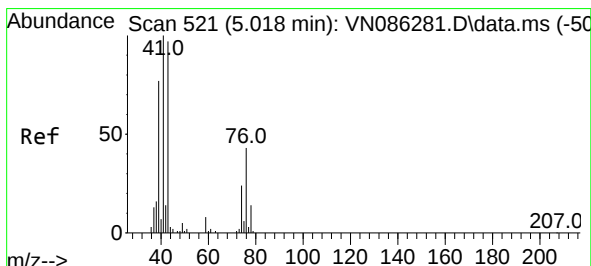
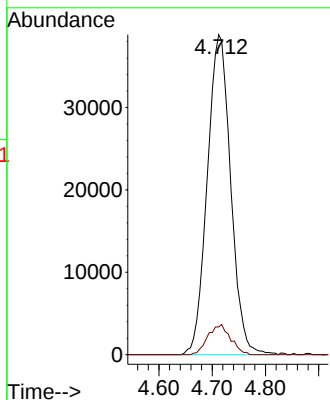
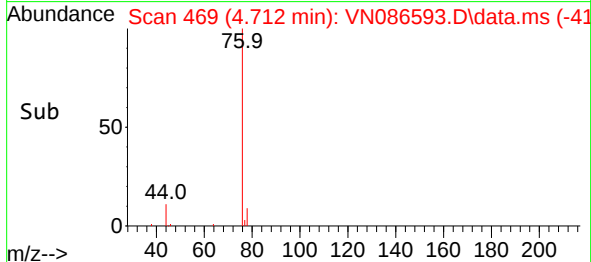
Instrument :
MSVOA_N
Client Sample Id :
VN0513WBS01



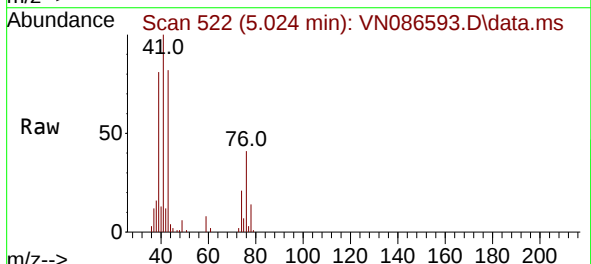
Tgt Ion: 76 Resp: 11856
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

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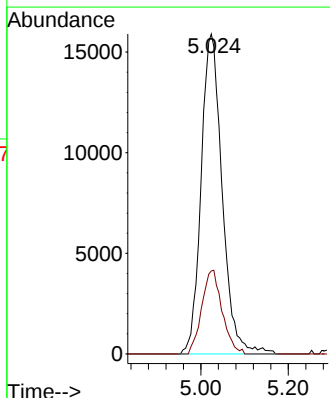
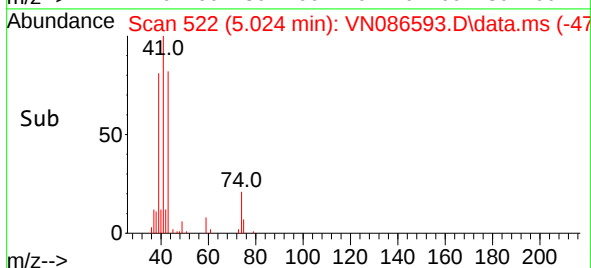
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

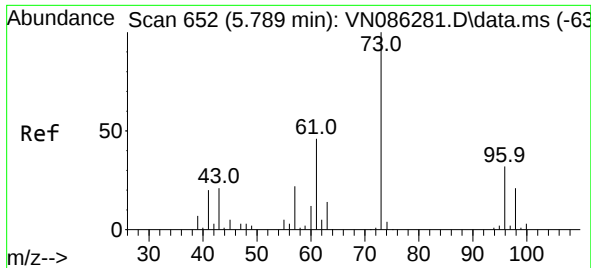


#18
Methyl Acetate
Concen: 14.844 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



Tgt Ion: 43 Resp: 53299
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6





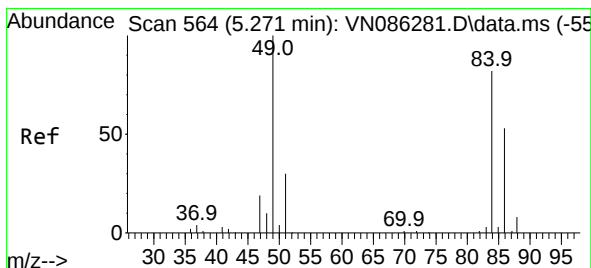
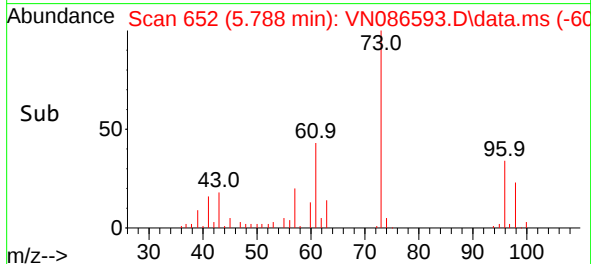
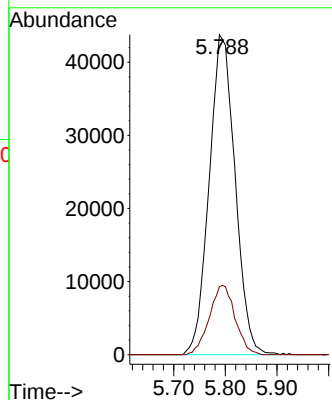
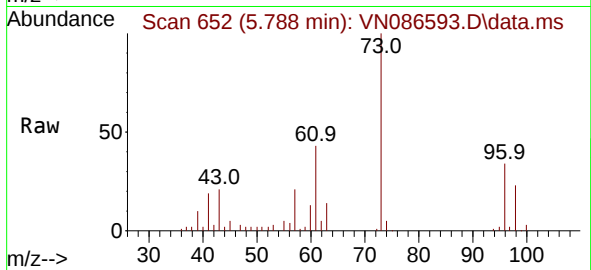
#19
Methyl tert-butyl Ether
Concen: 17.087 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 73 Resp: 15249
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

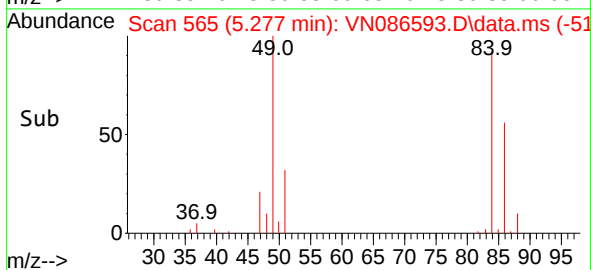
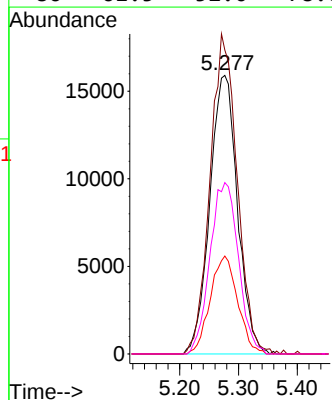
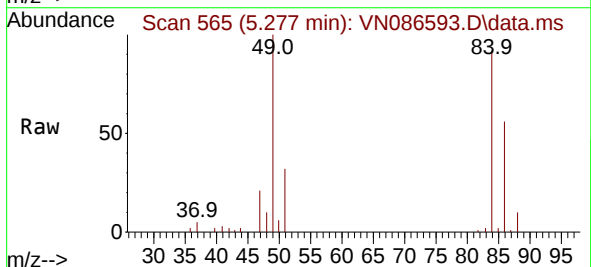
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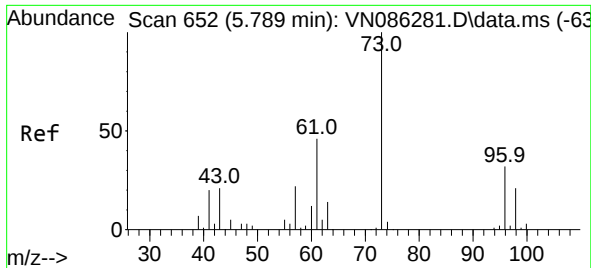
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 18.866 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion: 84 Resp: 52169
Ion Ratio Lower Upper
84 100
49 109.1 98.2 147.2
51 35.1 29.8 44.6
86 61.5 52.0 78.0





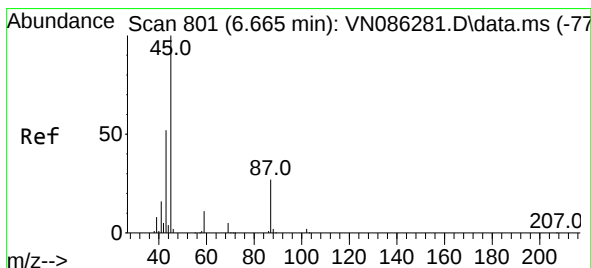
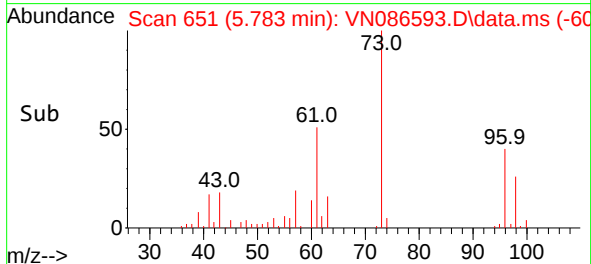
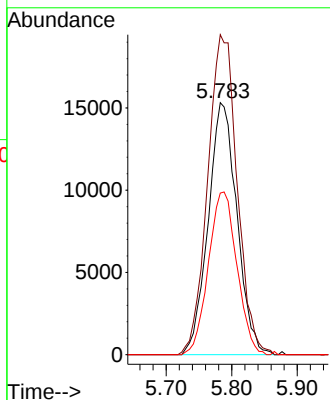
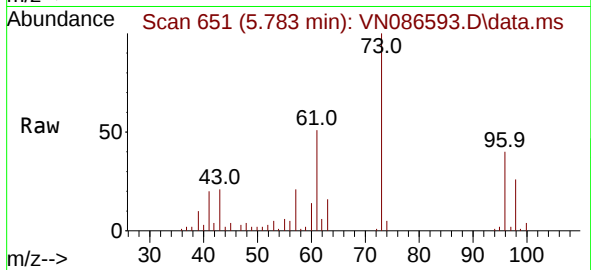
#21
trans-1,2-Dichloroethene
Concen: 18.397 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 96 Resp: 46690
Ion Ratio Lower Upper
96 100
61 127.0 114.6 171.8
98 64.1 51.2 76.8

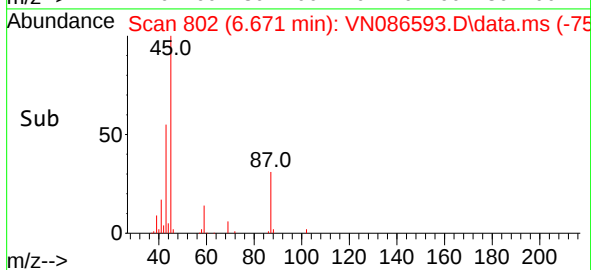
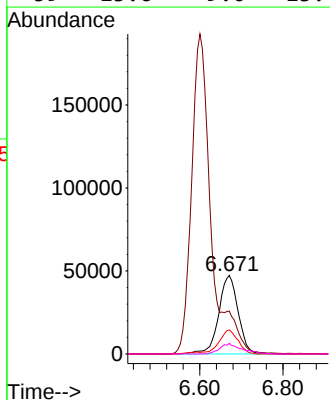
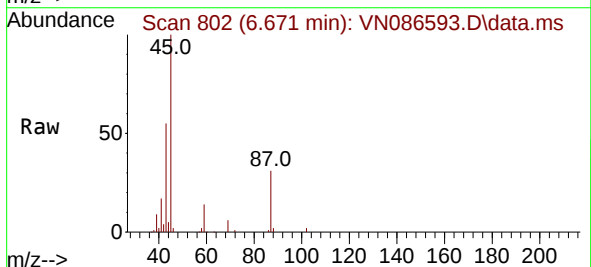
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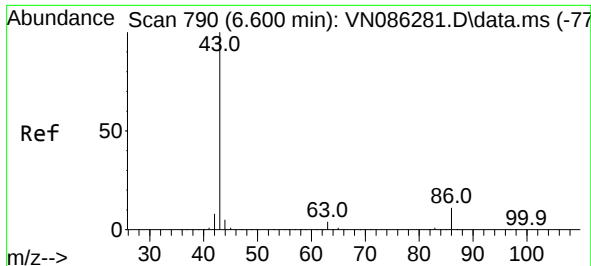
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#22
Diisopropyl ether
Concen: 16.304 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion: 45 Resp: 153072
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 30.6 21.6 32.4
59 13.6 9.0 13.4#





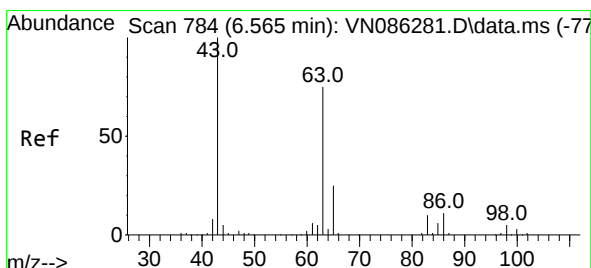
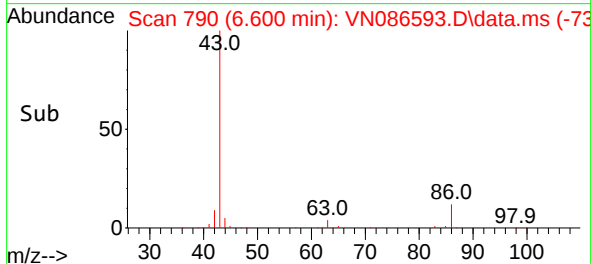
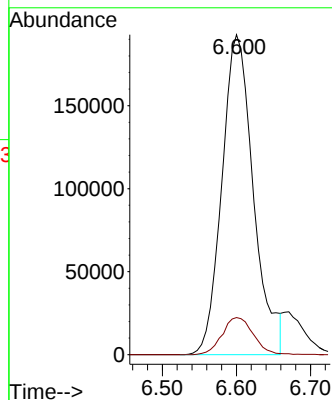
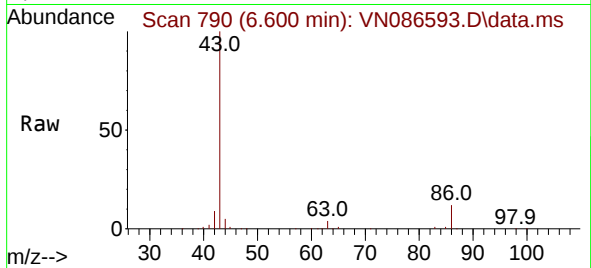
#23
 Vinyl Acetate
 Concen: 86.818 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

Tgt Ion: 43 Resp: 56980
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 13.0

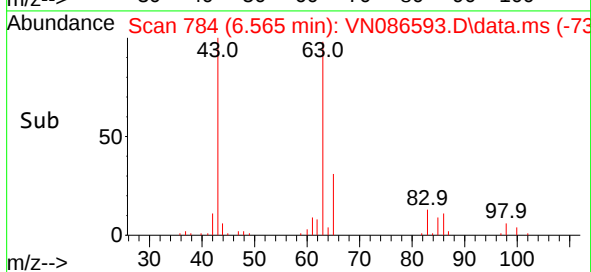
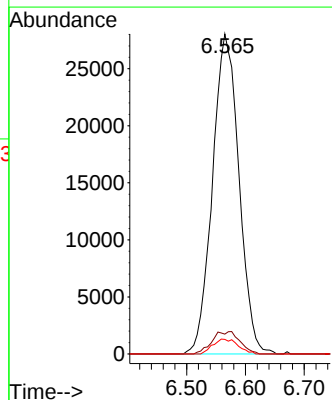
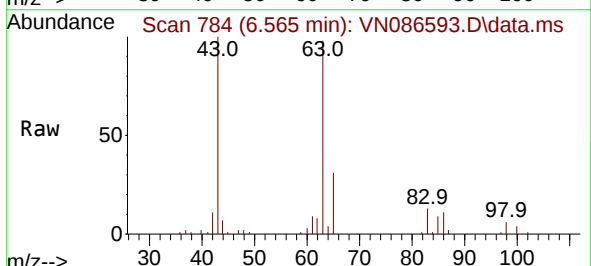
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Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#24
 1,1-Dichloroethane
 Concen: 17.690 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

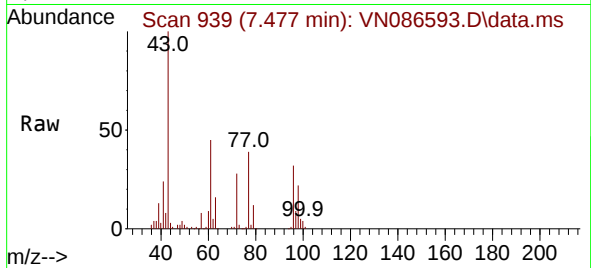
Tgt Ion: 63 Resp: 87631
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 81.674 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

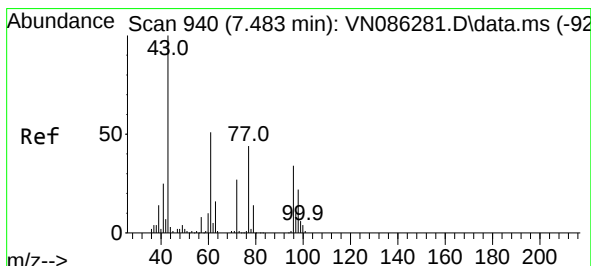
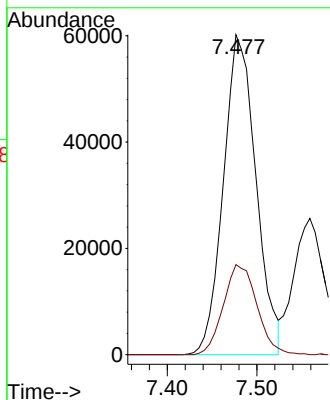
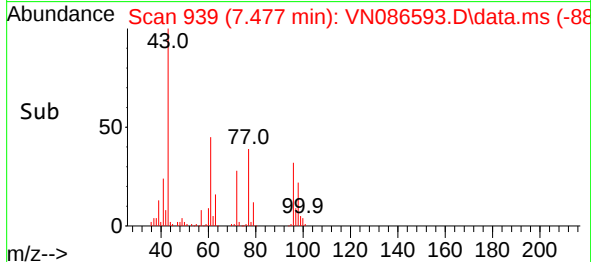
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



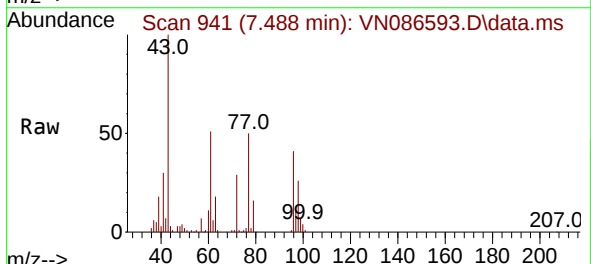
Tgt Ion: 43 Resp: 152064
Ion Ratio Lower Upper
43 100
72 28.1 21.7 32.5

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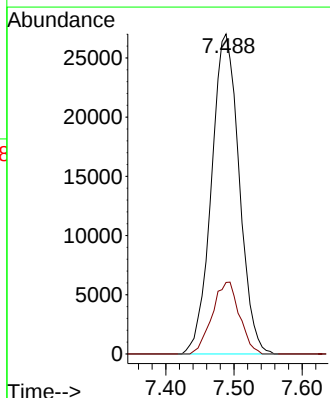
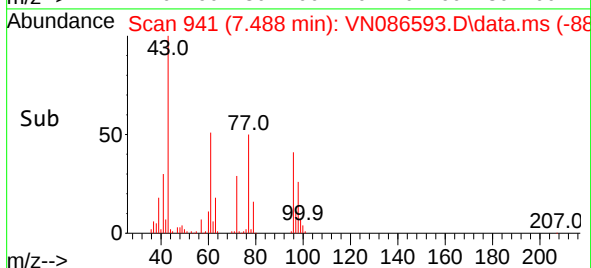
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

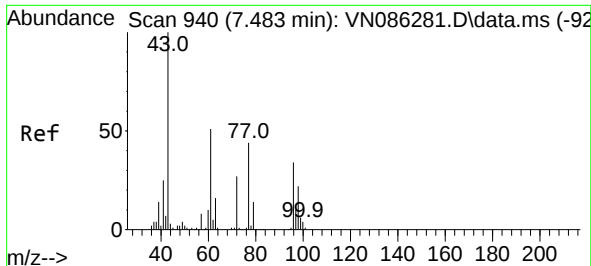


#26
2,2-Dichloropropane
Concen: 17.248 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



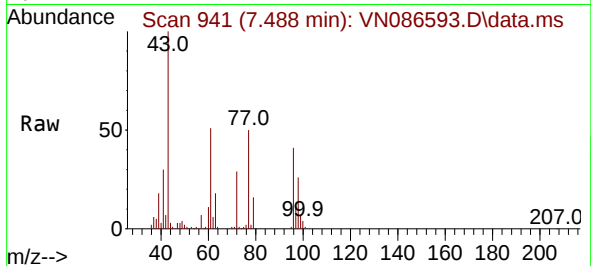
Tgt Ion: 77 Resp: 76500
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 18.075 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

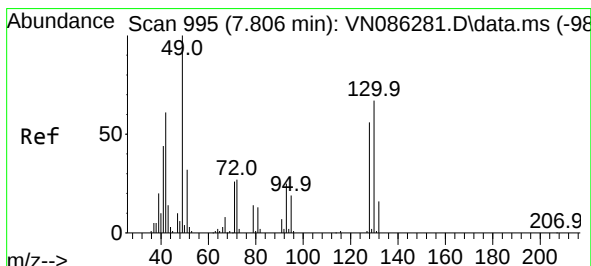
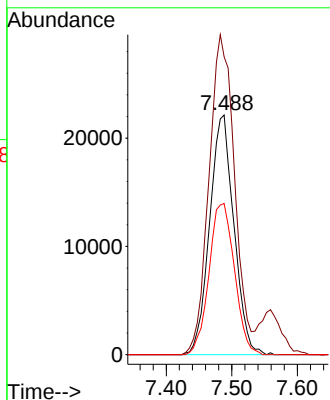
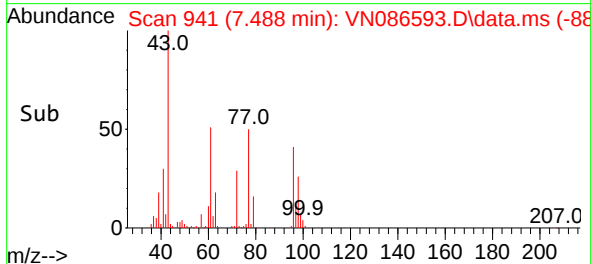
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 96 Resp: 56944
Ion Ratio Lower Upper
96 100
61 139.9 0.0 299.0
98 66.1 0.0 129.6

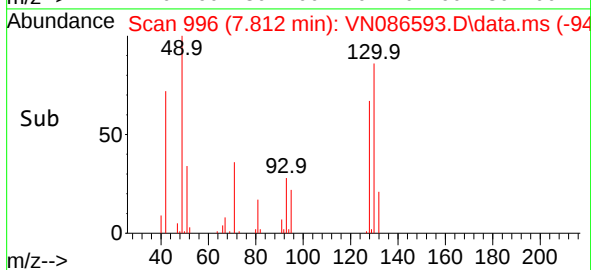
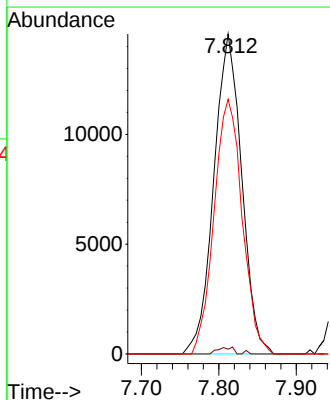
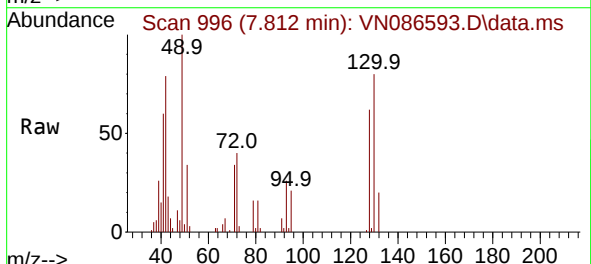
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#28
Bromochloromethane
Concen: 17.332 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion: 49 Resp: 36405
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.4
130 80.5 57.1 85.7





#29

Tetrahydrofuran

Concen: 80.559 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

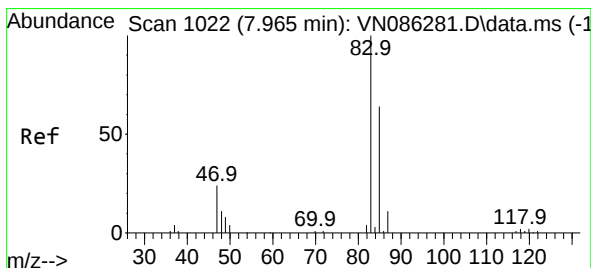
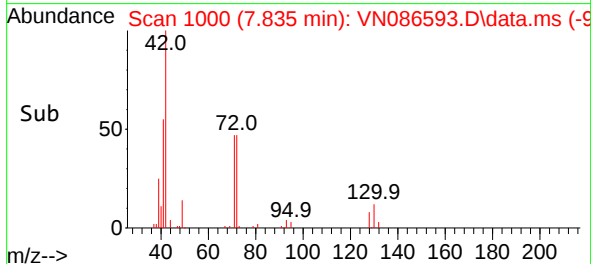
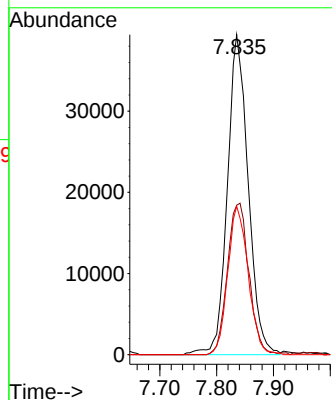
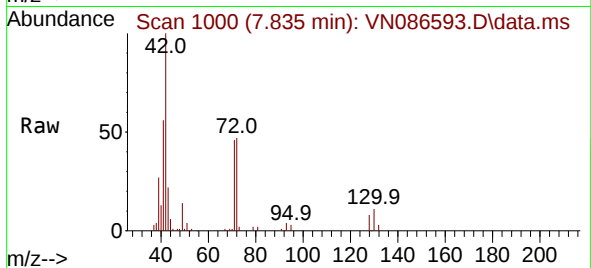
Tgt Ion:	42	Resp:	100298
Ion Ratio	Lower	Upper	
42	100		
72	48.8	36.2	54.4
71	45.6	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#30

Chloroform

Concen: 18.272 ug/l

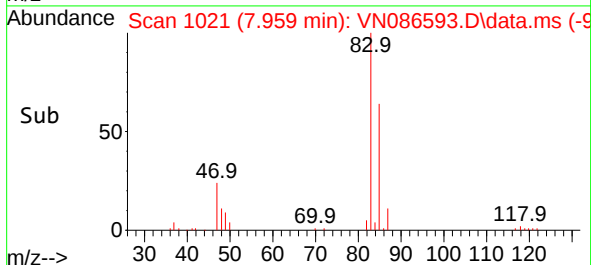
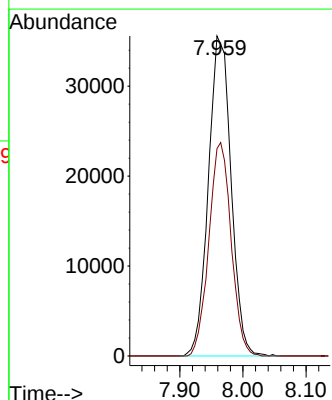
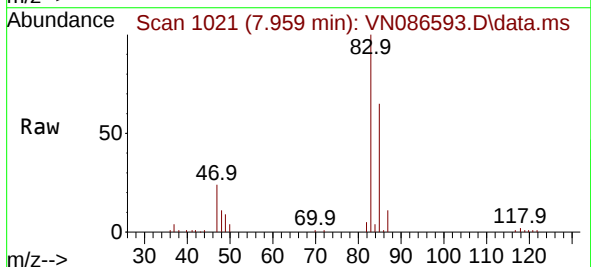
RT: 7.959 min Scan# 1021

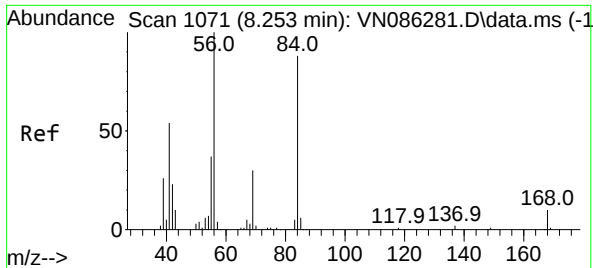
Delta R.T. -0.006 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

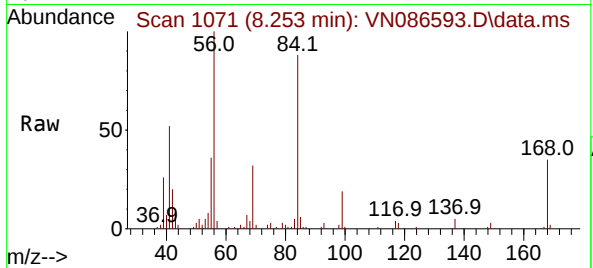
Tgt Ion:	83	Resp:	88918
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.5	77.3





#31
Cyclohexane
Concen: 16.396 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

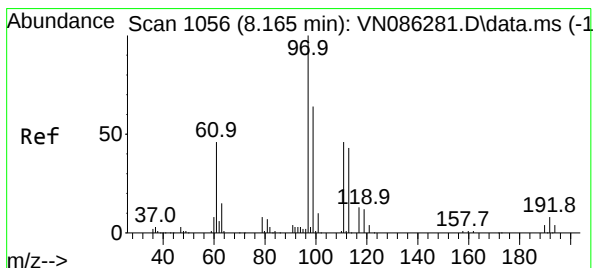
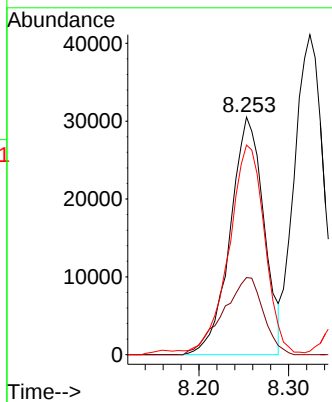
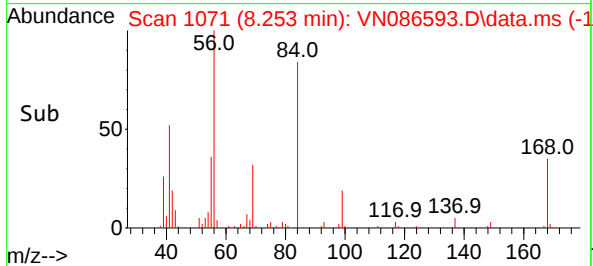
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 56 Resp: 79478
Ion Ratio Lower Upper
56 100
69 32.4 24.2 36.2
84 86.4 70.3 105.5

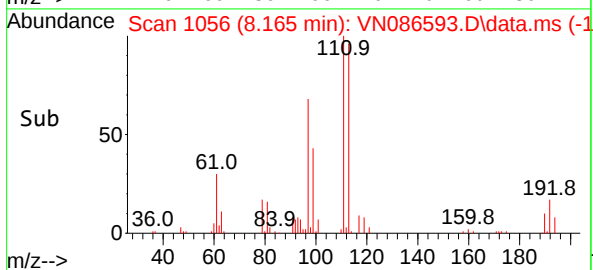
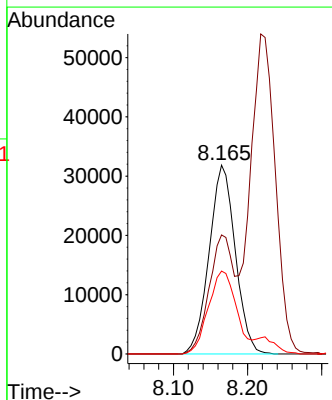
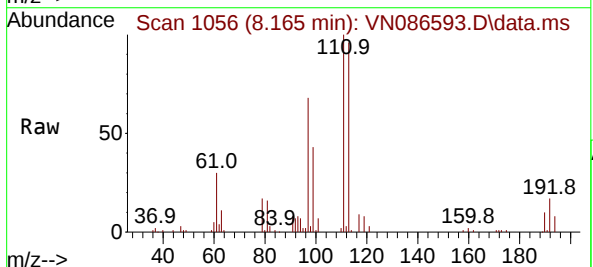
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#32
1,1,1-Trichloroethane
Concen: 18.732 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion: 97 Resp: 77979
Ion Ratio Lower Upper
97 100
99 56.8 52.7 79.1
61 47.2 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 46.757 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 65 Resp: 139858

Ion Ratio Lower Upper

65 100

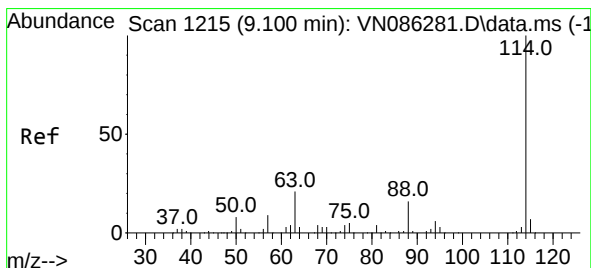
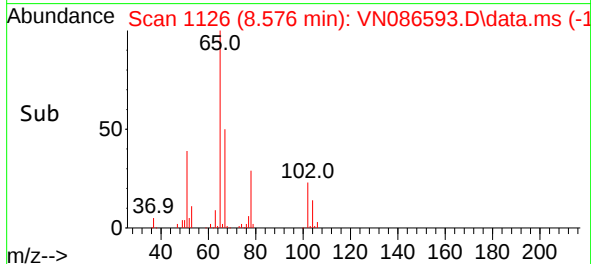
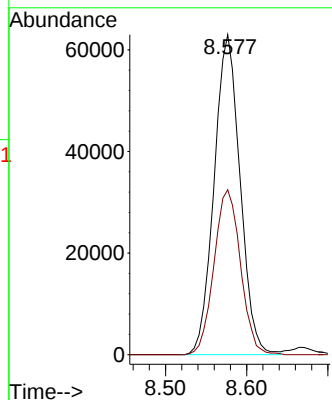
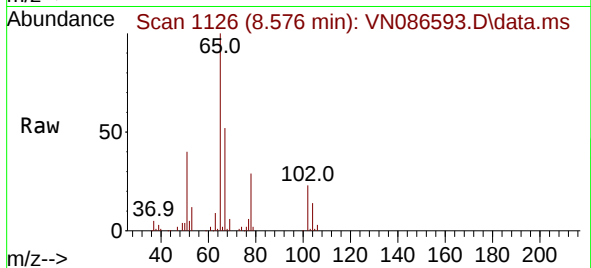
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

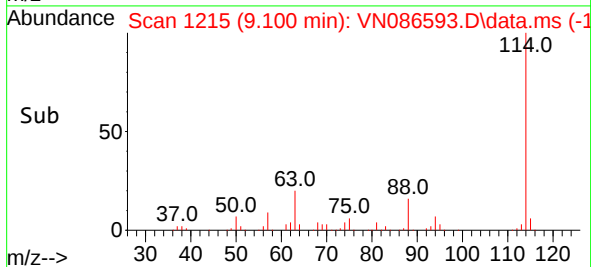
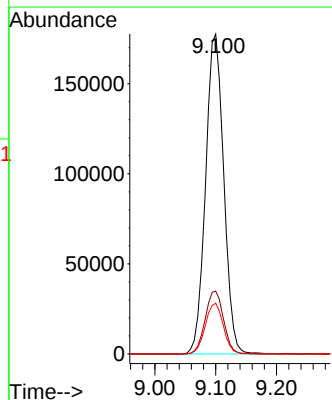
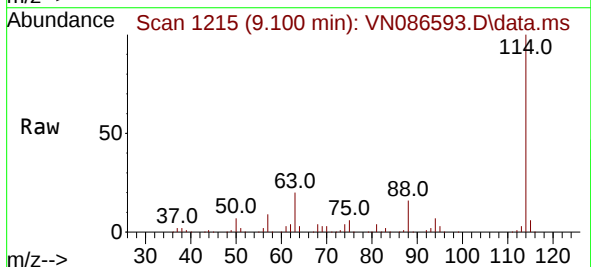
Tgt Ion:114 Resp: 368128

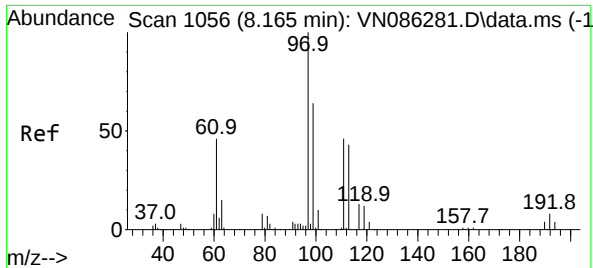
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

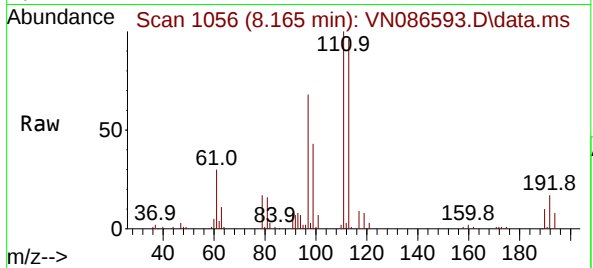
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 62.941 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

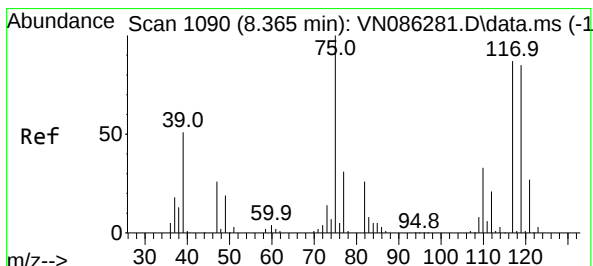
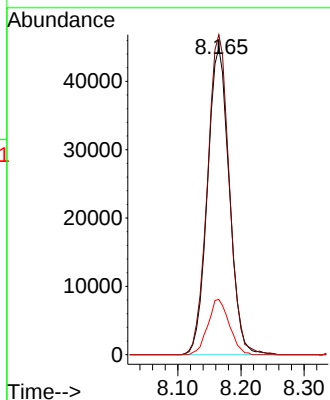
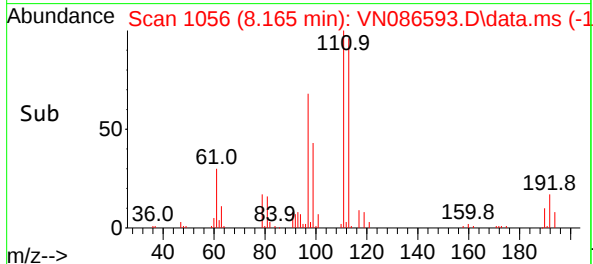
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



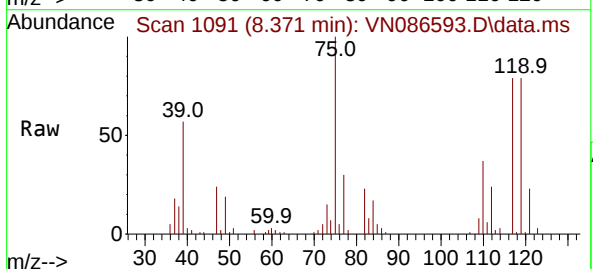
Tgt Ion: 113 Resp: 10753
Ion Ratio Lower Upper
113 100
111 104.4 83.4 125.0
192 17.7 13.7 20.5

Manual Integrations
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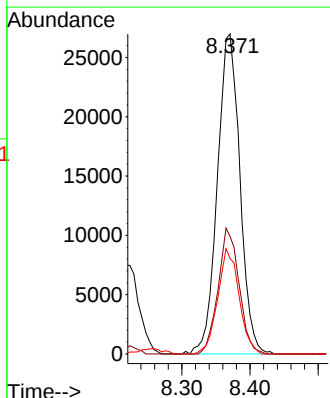
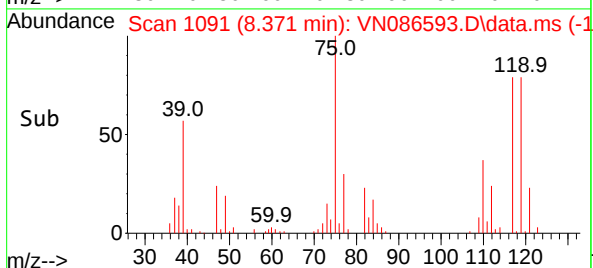
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

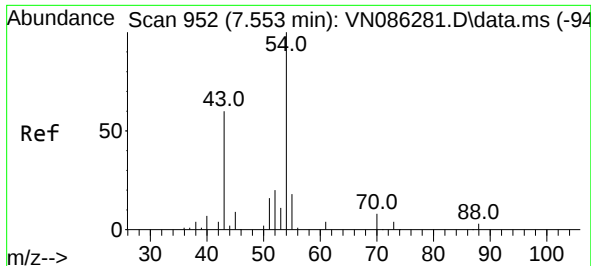


#36
1,1-Dichloropropene
Concen: 18.230 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



Tgt Ion: 75 Resp: 62210
Ion Ratio Lower Upper
75 100
110 36.4 16.8 50.4
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 17.658 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 43 Resp: 6344

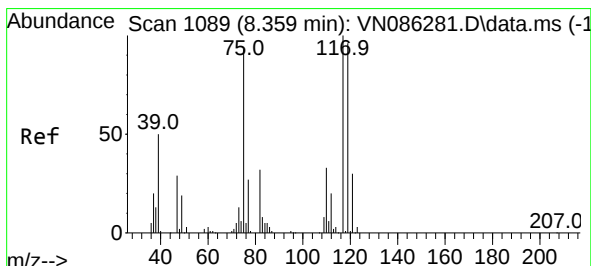
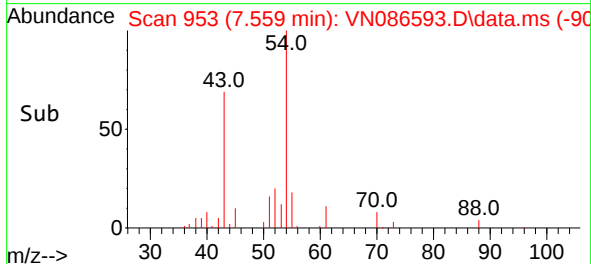
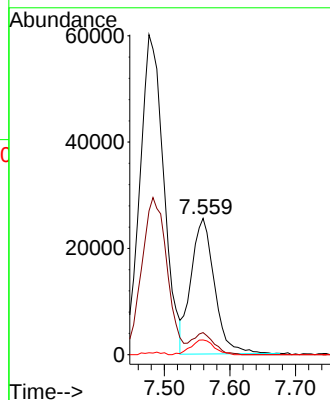
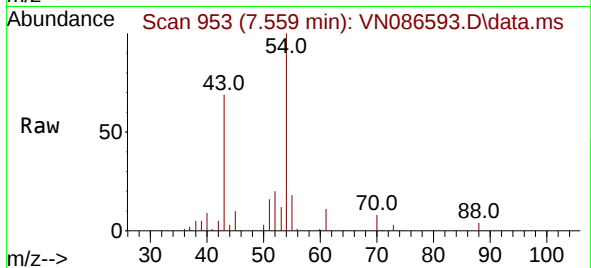
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	10.8	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#38

Carbon Tetrachloride

Concen: 19.682 ug/l

RT: 8.359 min Scan# 1089

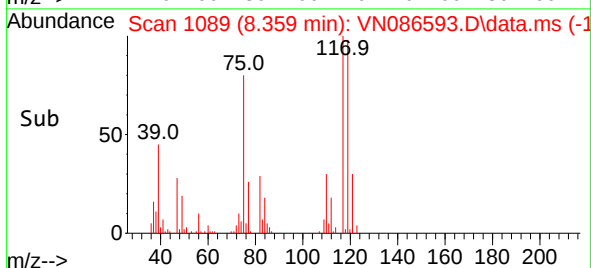
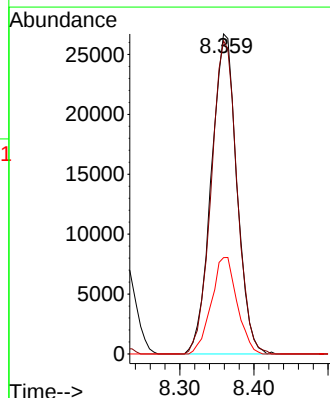
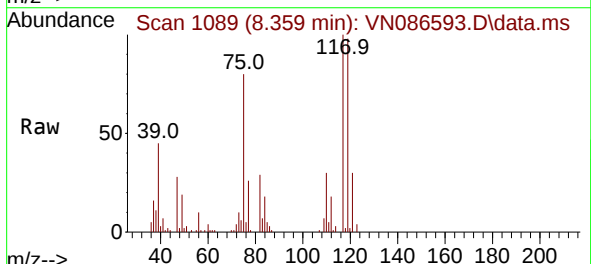
Delta R.T. -0.000 min

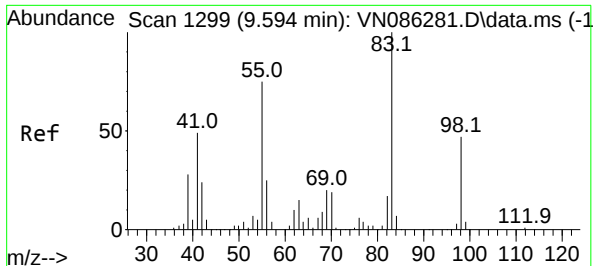
Lab File: VN086593.D

Acq: 13 May 2025 11:45

Tgt Ion:117 Resp: 63962

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.8	115.2
121	30.1	23.8	35.8





#39

Methylcyclohexane

Concen: 17.079 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 83 Resp: 69270

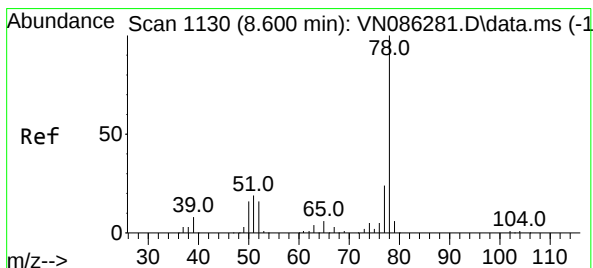
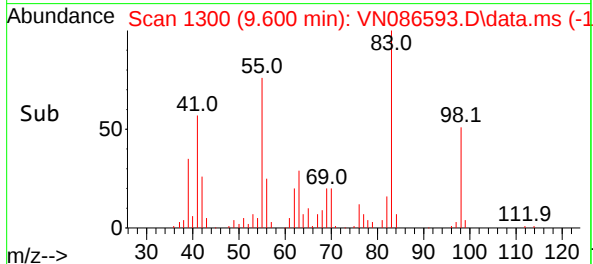
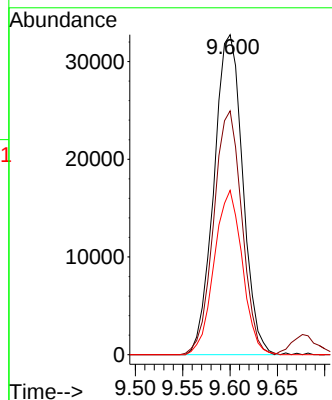
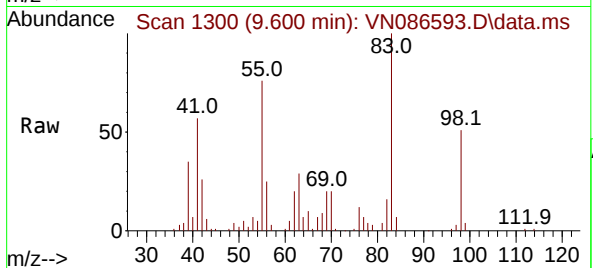
Ion	Ratio	Lower	Upper
83	100		
55	76.2	59.8	89.8
98	51.3	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#40

Benzene

Concen: 18.833 ug/l

RT: 8.606 min Scan# 1131

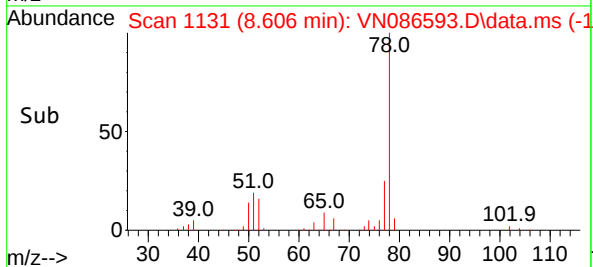
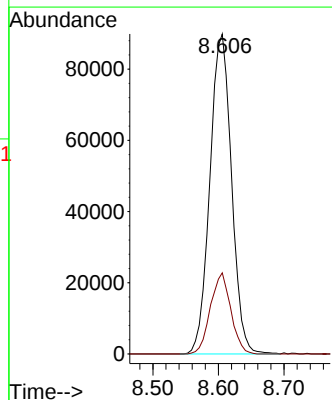
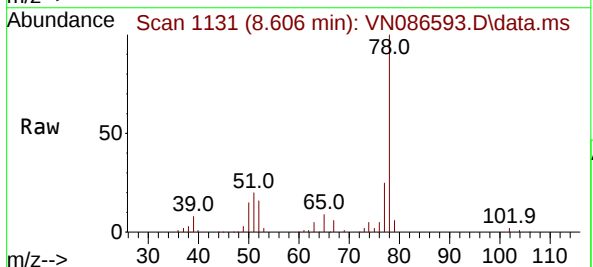
Delta R.T. 0.006 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Tgt Ion: 78 Resp: 205908

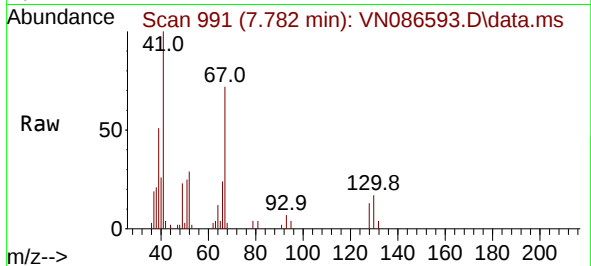
Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.4	29.2





#41
Methacrylonitrile
Concen: 16.977 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

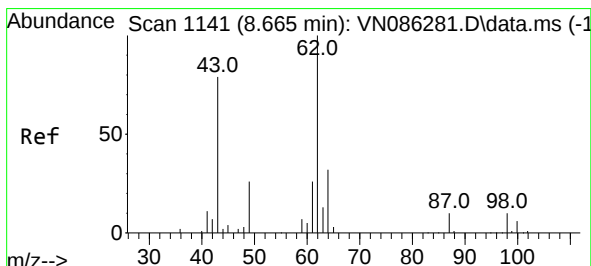
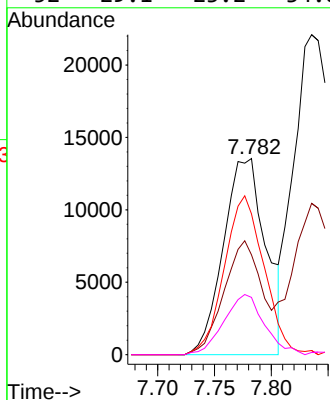
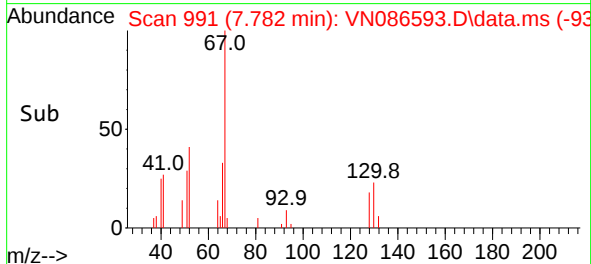
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion:	41	Resp:	35349
Ion Ratio	100	Lower	Upper
39	51.3	43.0	64.4
67	75.5	58.8	88.2
52	29.1	23.2	34.8

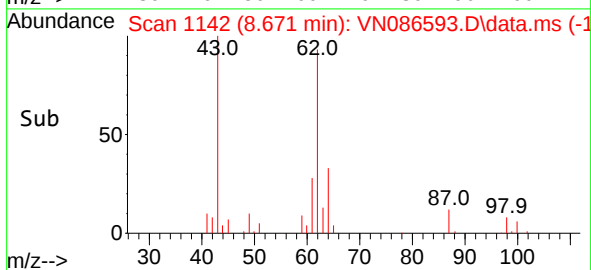
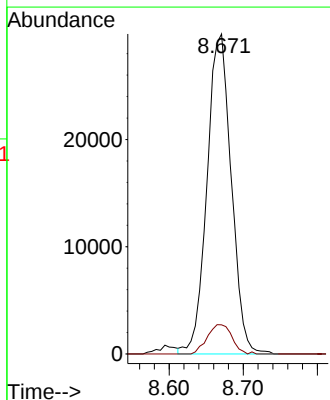
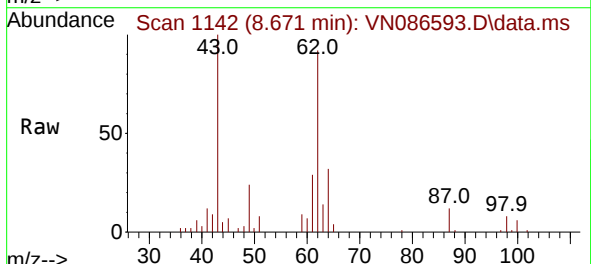
Manual Integrations
APPROVED

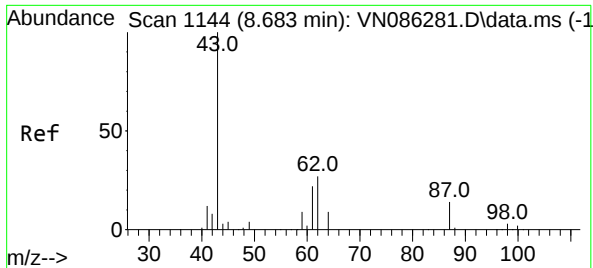
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#42
1,2-Dichloroethane
Concen: 19.488 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion:	62	Resp:	67949
Ion Ratio	100	Lower	Upper
98	9.3	0.0	19.2





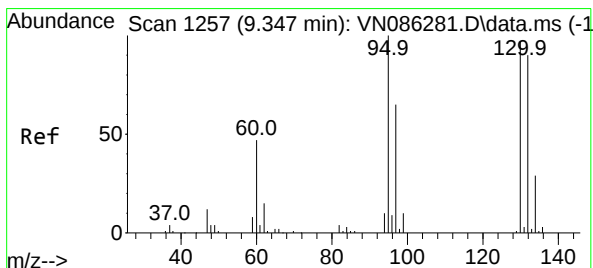
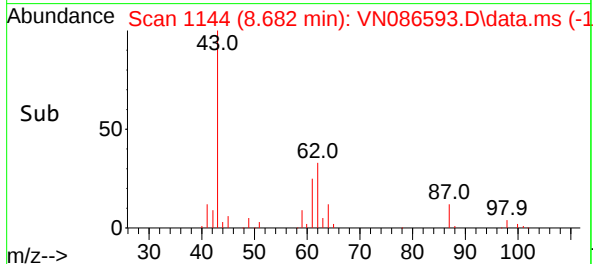
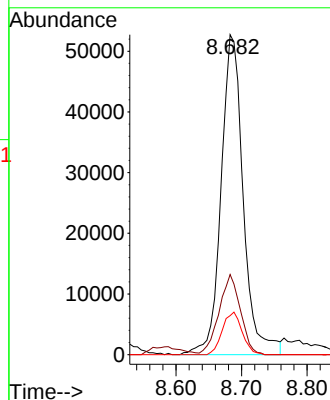
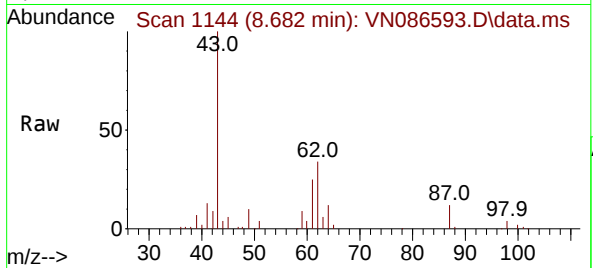
#43
Isopropyl Acetate
Concen: 17.738 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument : MSVOA_N
ClientSampleId : VN0513WBS01

Tgt Ion: 43 Resp: 12378
Ion Ratio Lower Upper
43 100
61 24.1 20.5 30.7
87 11.9 10.5 15.7

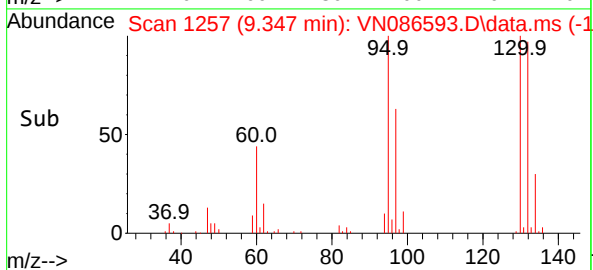
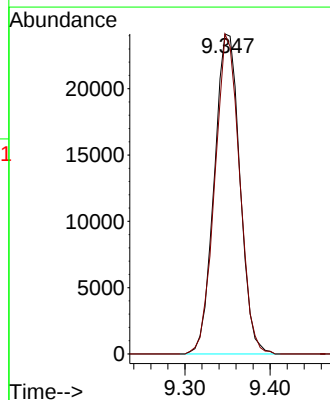
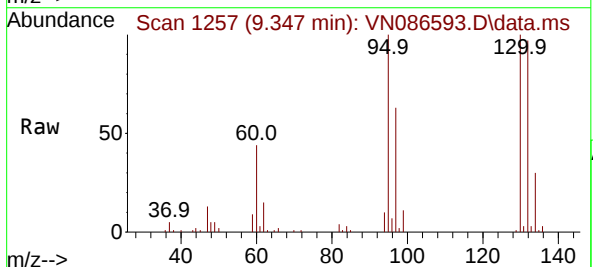
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#44
Trichloroethene
Concen: 19.398 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion:130 Resp: 50269
Ion Ratio Lower Upper
130 100
95 99.9 0.0 207.2





#45

1,2-Dichloropropane

Concen: 18.787 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBS01

Tgt Ion: 63 Resp: 5028

Ion Ratio Lower Upper

63 100

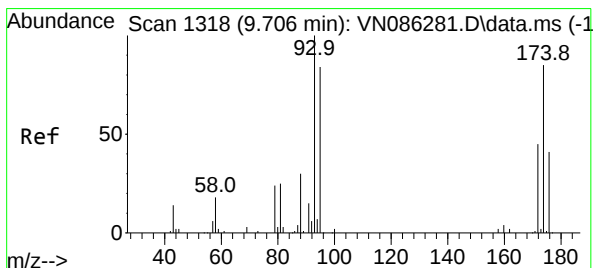
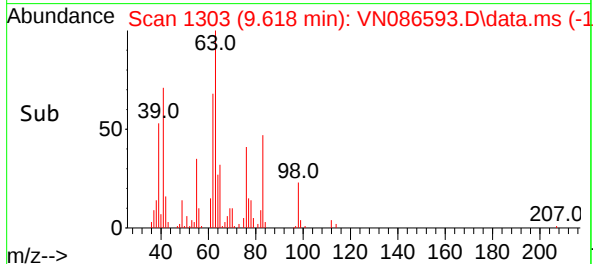
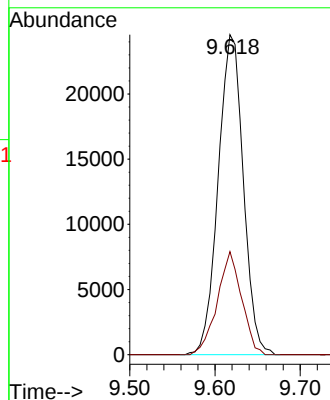
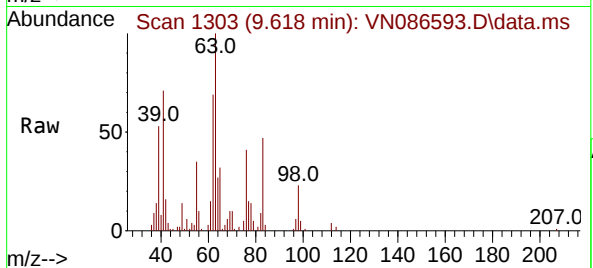
65 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#46

Dibromomethane

Concen: 20.027 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086593.D

Acq: 13 May 2025 11:45

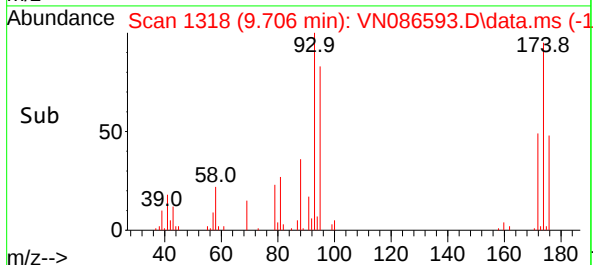
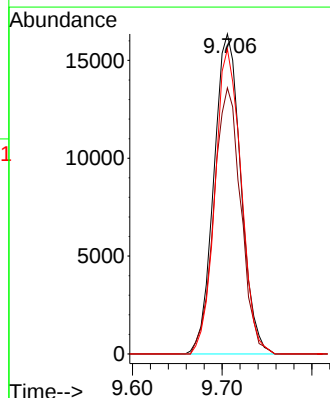
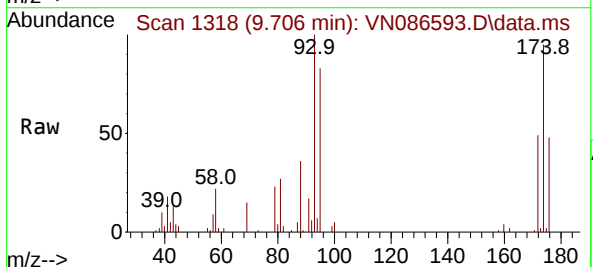
Tgt Ion: 93 Resp: 34151

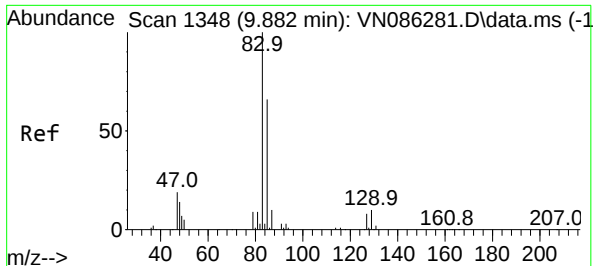
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

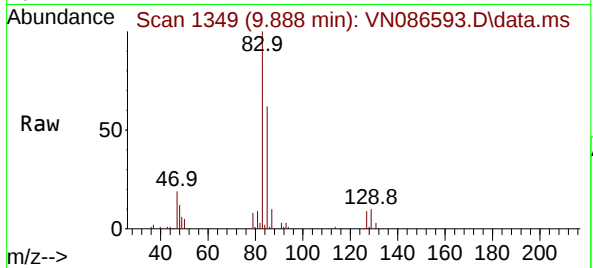
174 92.2 67.8 101.6





#47
Bromodichloromethane
Concen: 19.155 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

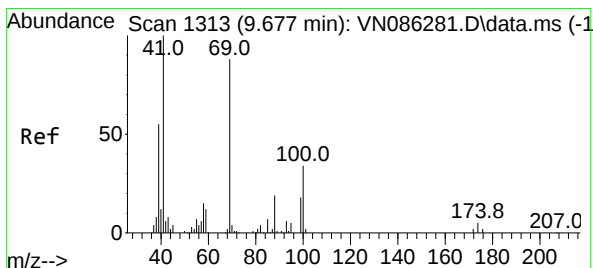
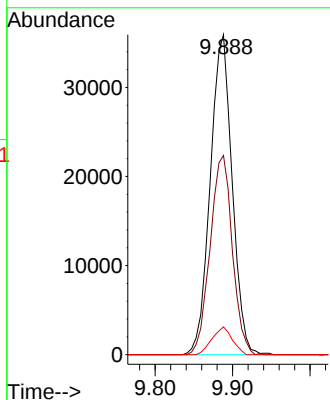
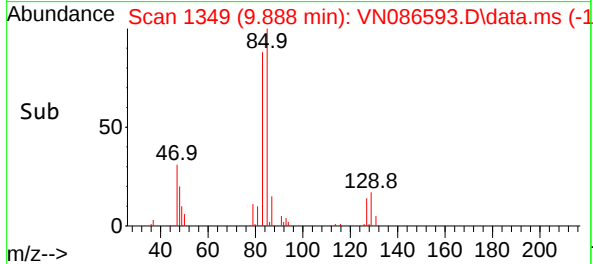
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 83 Resp: 70548
Ion Ratio Lower Upper
83 100
85 62.2 52.6 78.8
127 8.7 6.1 9.1

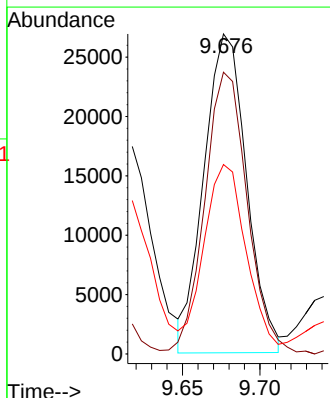
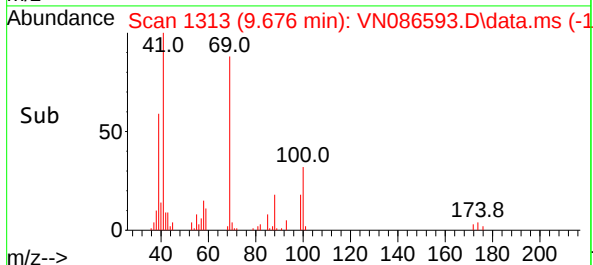
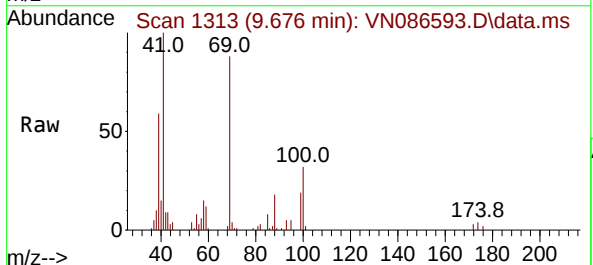
Manual Integrations
APPROVED

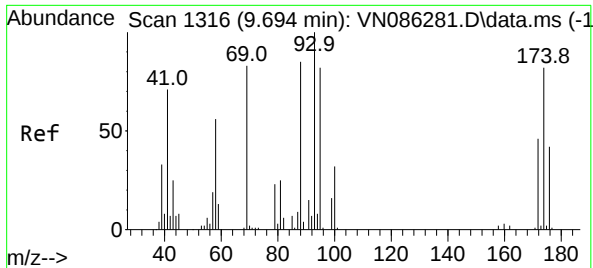
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#48
Methyl methacrylate
Concen: 16.284 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

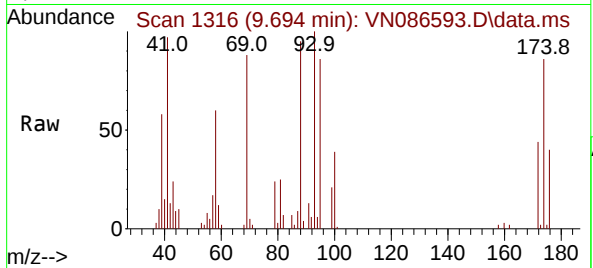
Tgt Ion: 41 Resp: 51376
Ion Ratio Lower Upper
41 100
69 88.9 68.2 102.2
39 59.8 45.2 67.8





#49
1,4-Dioxane
Concen: 391.219 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

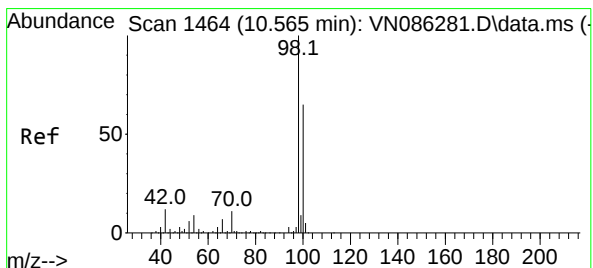
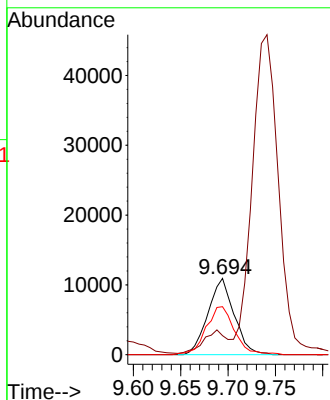
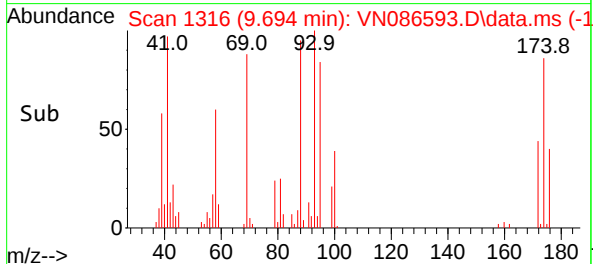
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 88 Resp: 2099
Ion Ratio Lower Upper
88 100
43 25.4 23.8 35.8
58 68.2 57.4 86.2

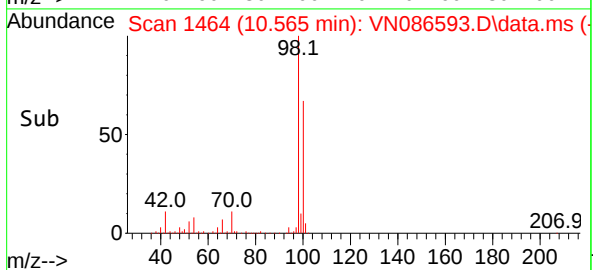
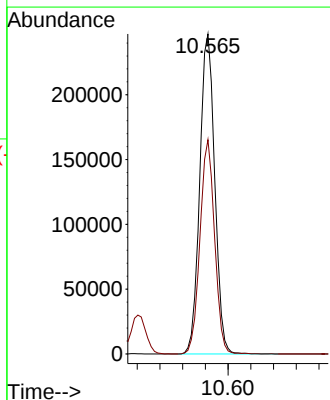
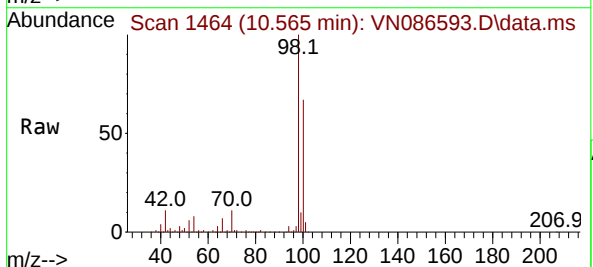
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#50
Toluene-d8
Concen: 49.496 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

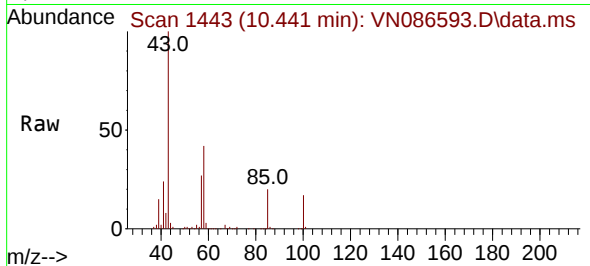
Tgt Ion: 98 Resp: 451956
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 88.959 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

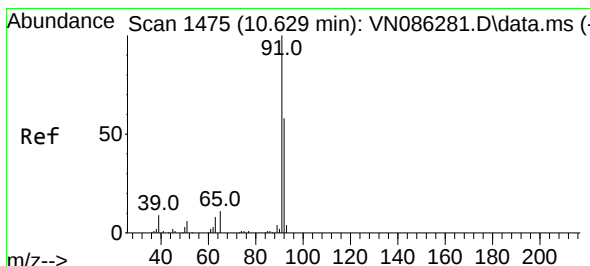
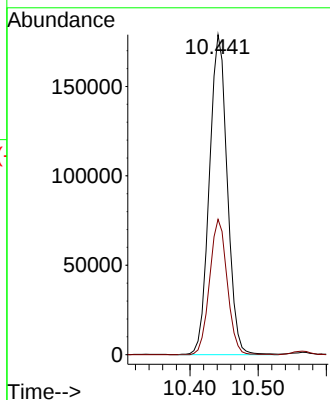
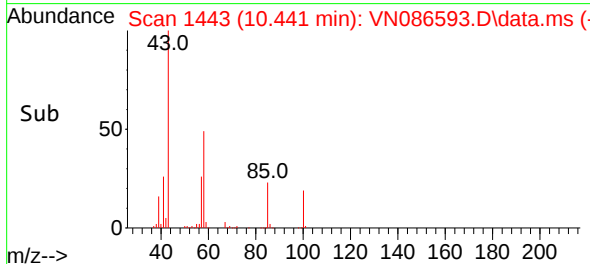
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 43 Resp: 327272
Ion Ratio Lower Upper
43 100
58 41.5 32.2 48.4

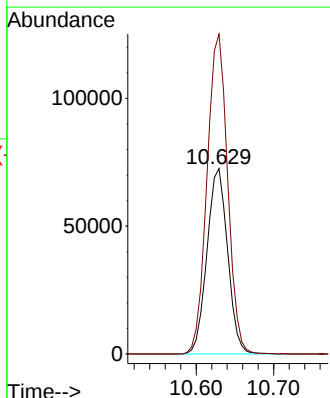
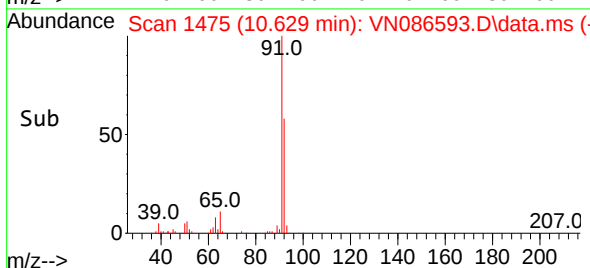
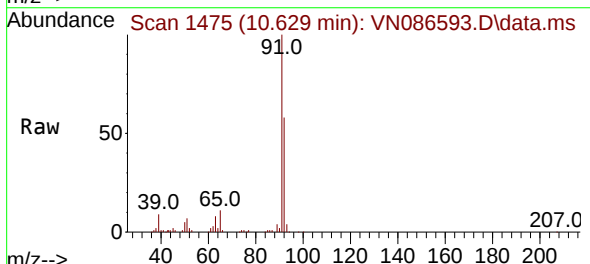
Manual Integrations
APPROVED

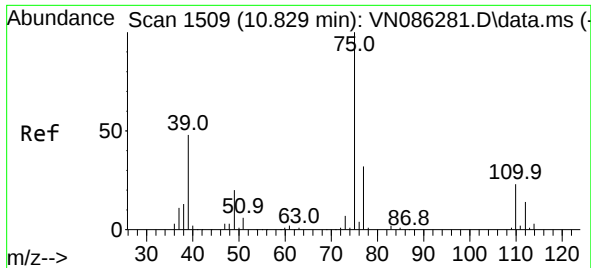
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#52
Toluene
Concen: 19.699 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

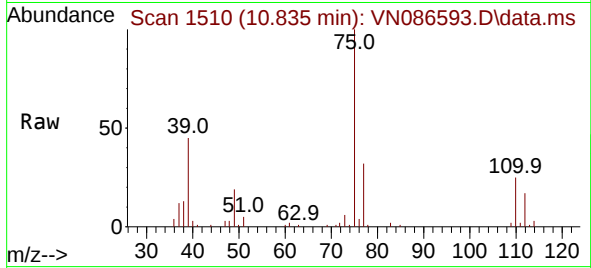
Tgt Ion: 92 Resp: 134393
Ion Ratio Lower Upper
92 100
91 172.0 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 18.603 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

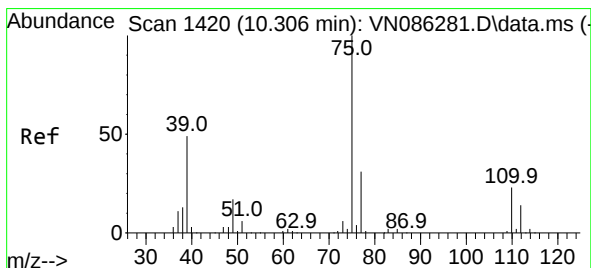
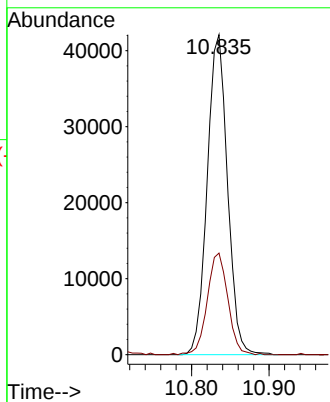
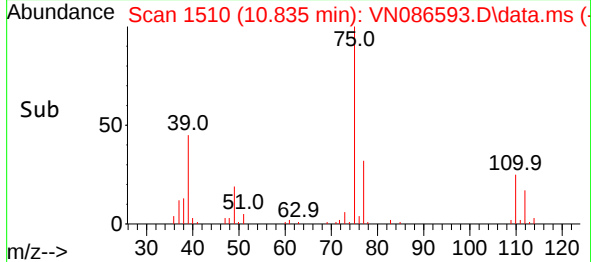
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01



Tgt Ion: 75 Resp: 76479
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0

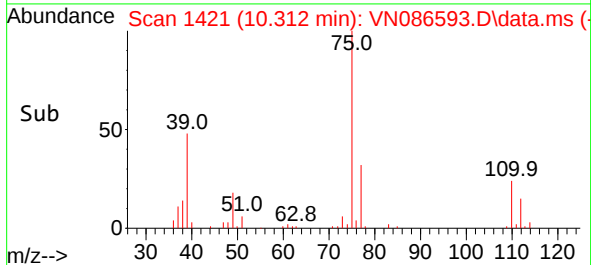
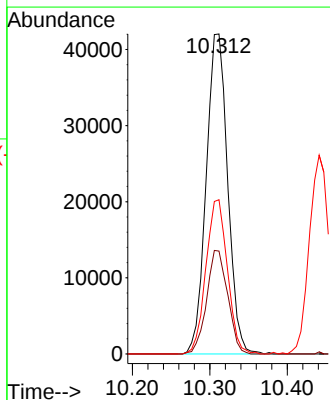
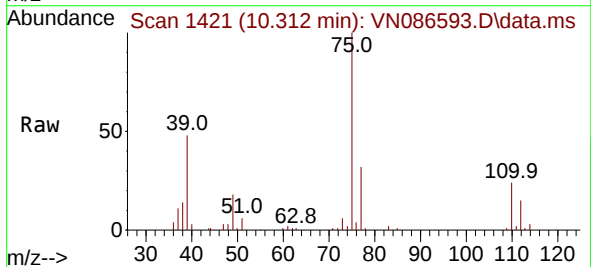
Manual Integrations
 APPROVED

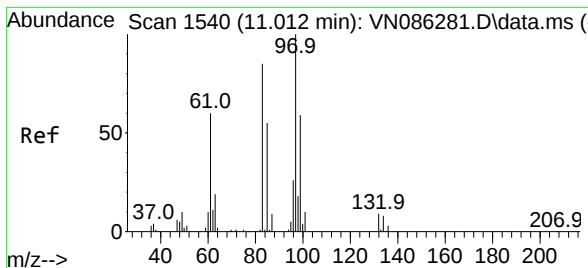
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 17.958 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

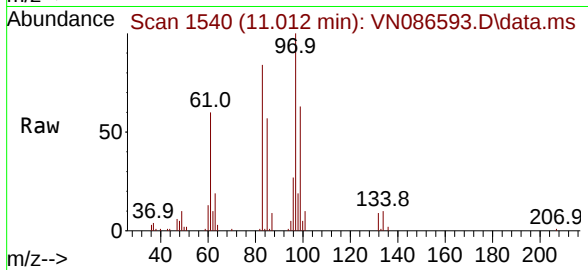
Tgt Ion: 75 Resp: 81090
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 48.2 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 19.729 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

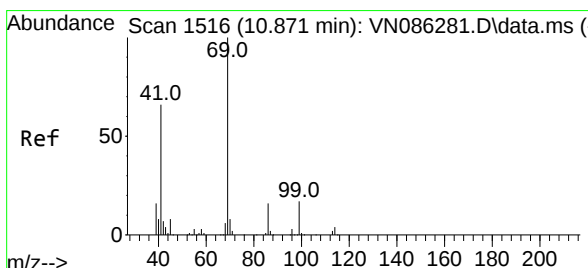
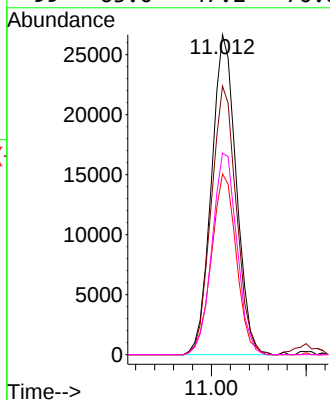
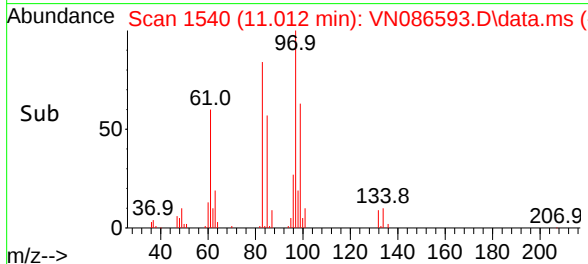
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion:	97	Resp:	4842
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.4	102.6
85	56.5	43.9	65.9
99	63.0	47.2	70.8

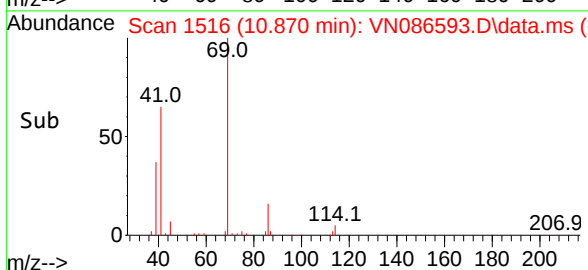
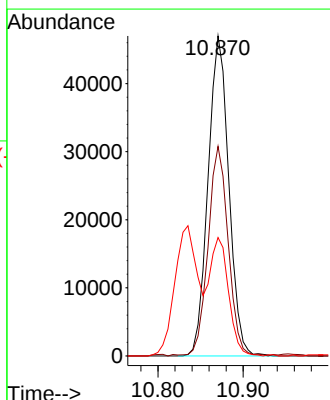
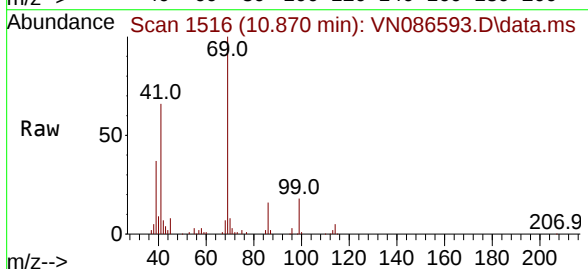
Manual Integrations
APPROVED

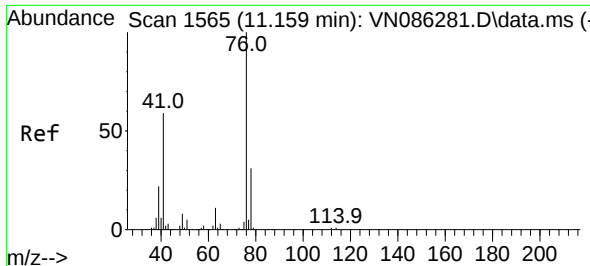
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#56
Ethyl methacrylate
Concen: 17.596 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

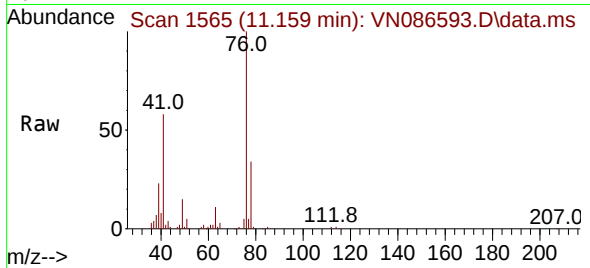
Tgt Ion:	69	Resp:	79393
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.7	77.5
39	34.2	26.3	39.5





#57
1,3-Dichloropropane
Concen: 19.171 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

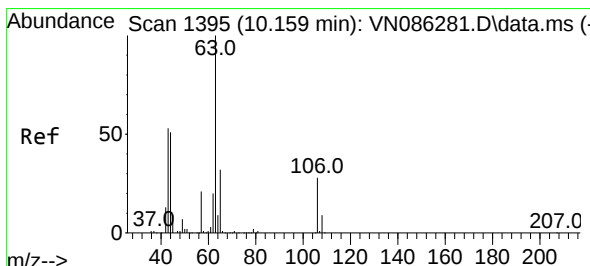
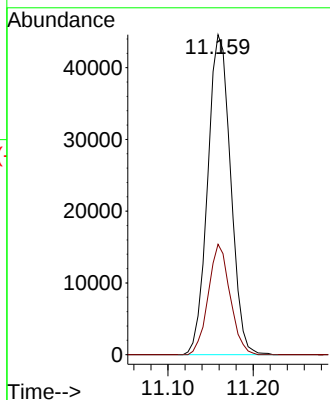
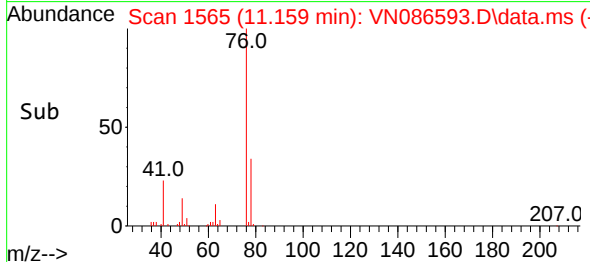
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 76 Resp: 8348
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

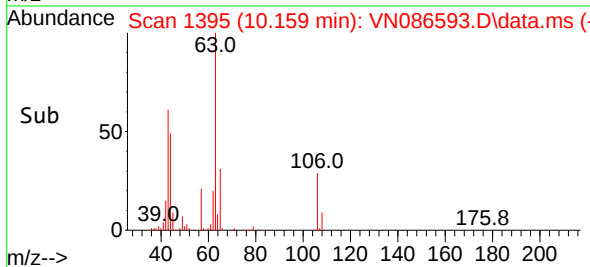
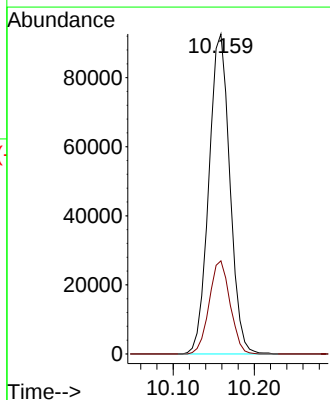
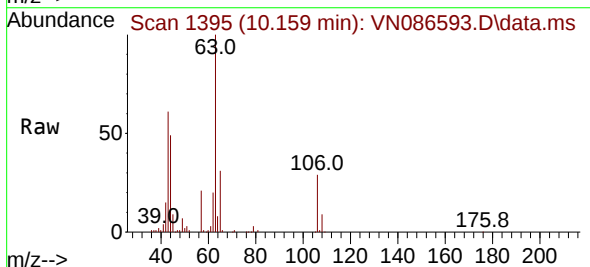
Manual Integrations
APPROVED

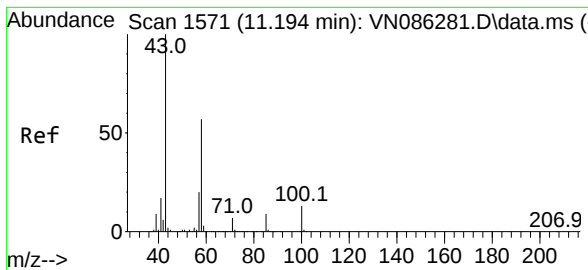
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 77.581 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

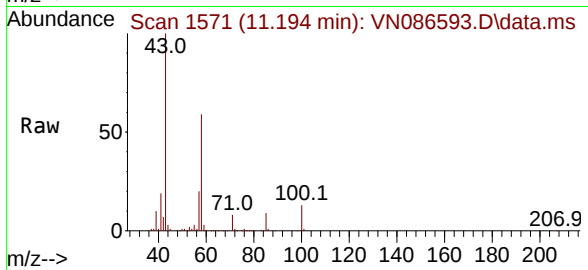
Tgt Ion: 63 Resp: 166139
Ion Ratio Lower Upper
63 100
106 29.0 22.2 33.2





#59
2-Hexanone
Concen: 88.497 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

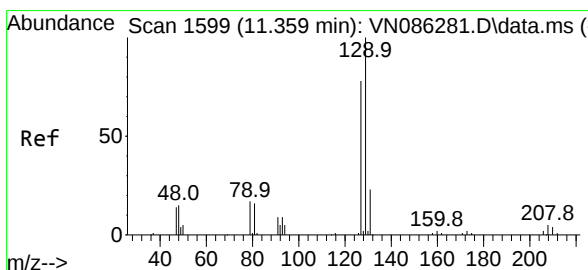
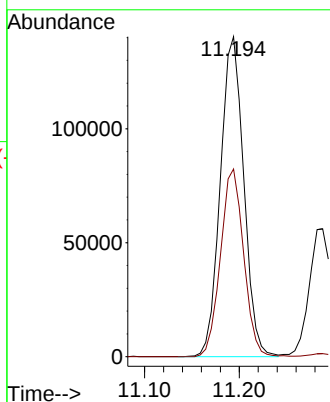
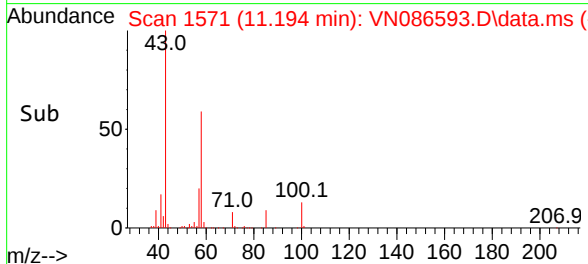
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 43 Resp: 241488
Ion Ratio Lower Upper
43 100
58 58.0 28.3 85.0

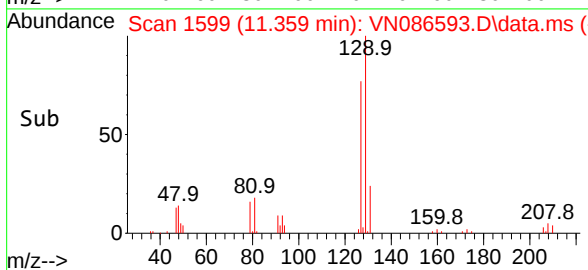
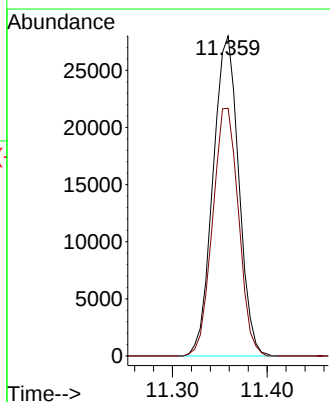
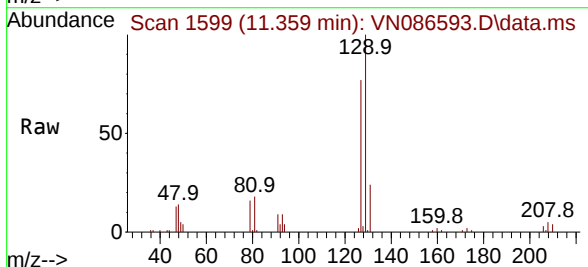
Manual Integrations
APPROVED

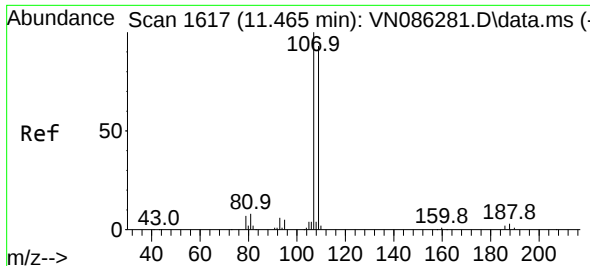
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#60
Dibromochloromethane
Concen: 19.642 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

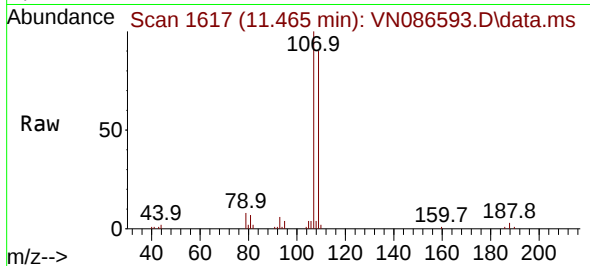
Tgt Ion:129 Resp: 52941
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 20.165 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

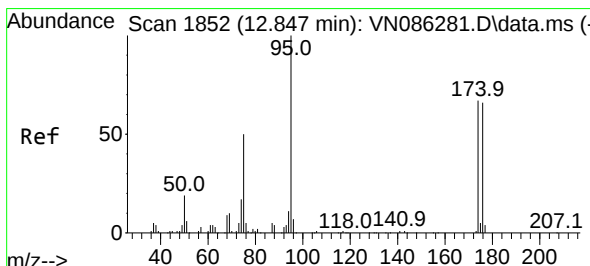
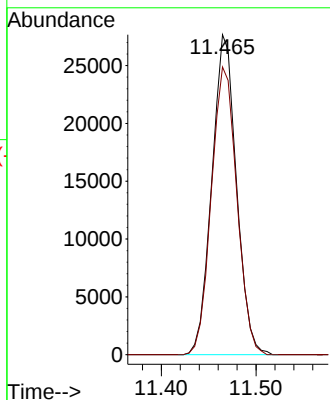
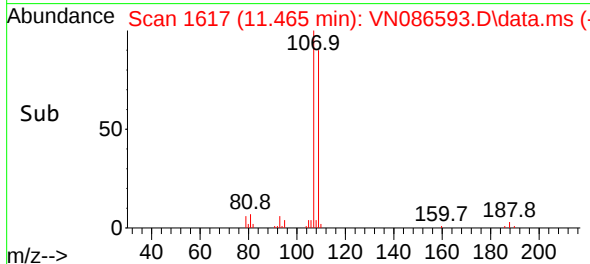
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



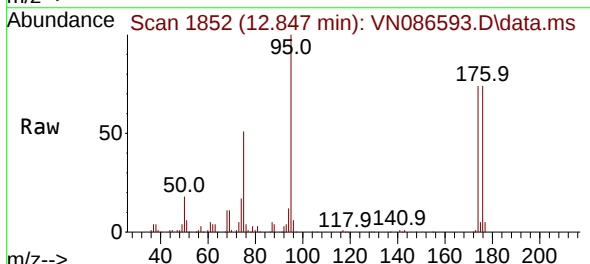
Tgt Ion:107 Resp: 4994
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.0

Manual Integrations
APPROVED

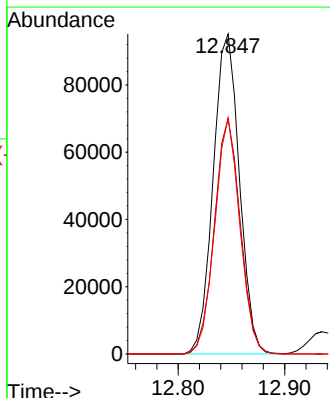
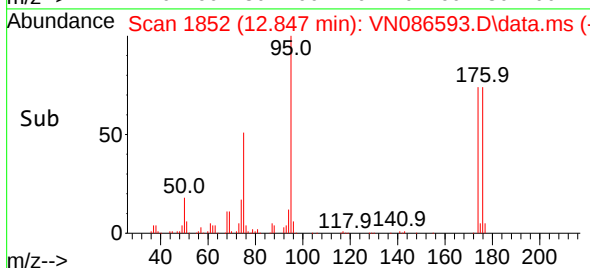
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

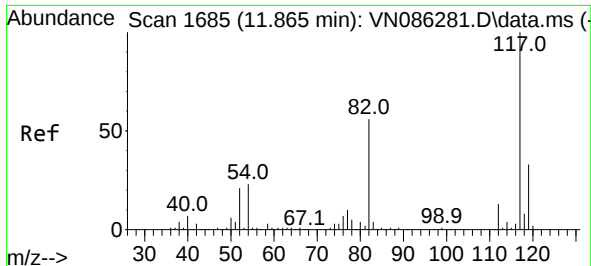


#62
4-Bromofluorobenzene
Concen: 48.834 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



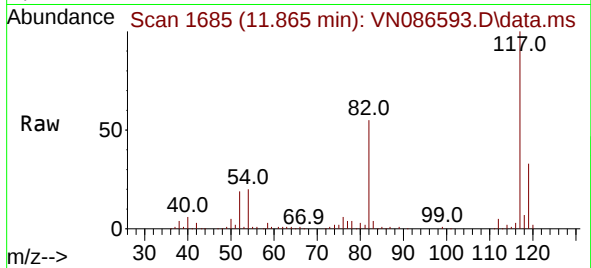
Tgt Ion: 95 Resp: 162645
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.4
176 70.5 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

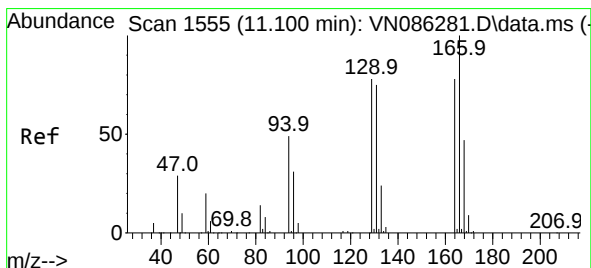
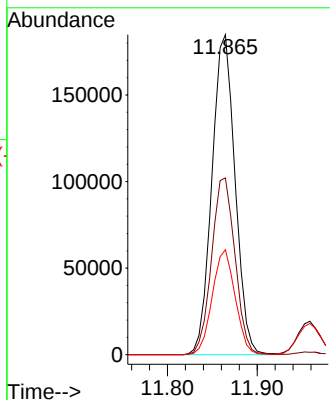
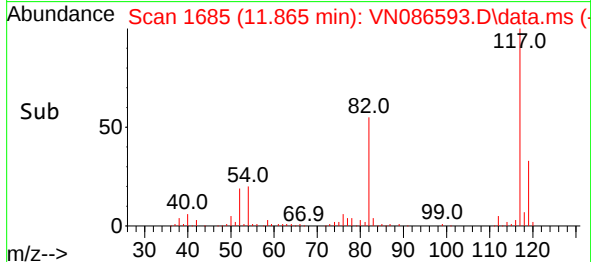
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion:117 Resp: 331562
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.8 26.4 39.6

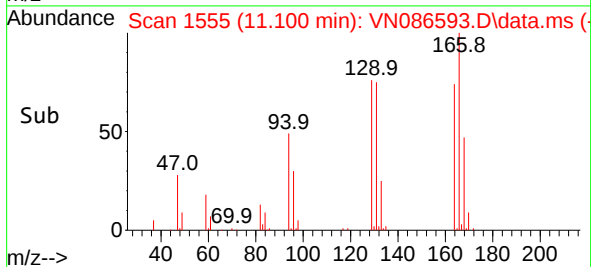
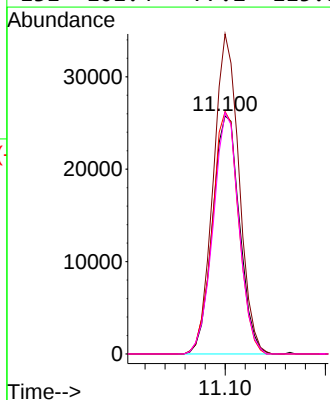
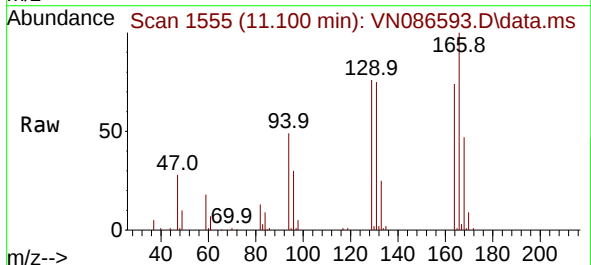
Manual Integrations
APPROVED

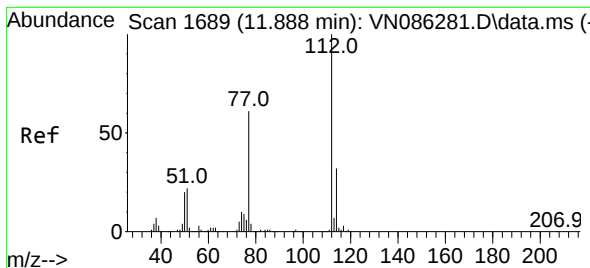
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#64
Tetrachloroethene
Concen: 18.943 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

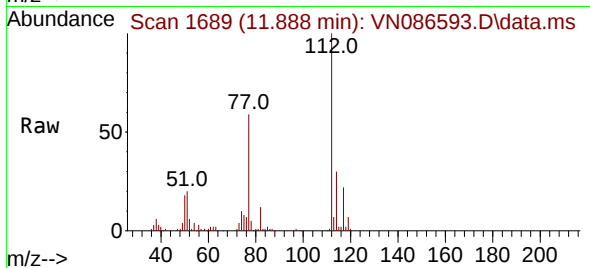
Tgt Ion:164 Resp: 48313
Ion Ratio Lower Upper
164 100
166 134.4 103.0 154.4
129 101.8 80.1 120.1
131 101.4 77.2 115.8





#65
Chlorobenzene
Concen: 19.874 ug/l
RT: 11.888 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

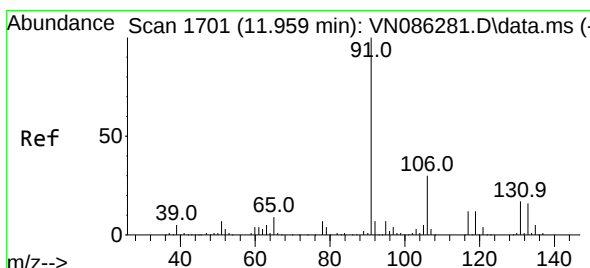
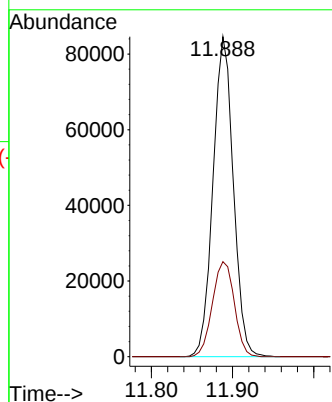
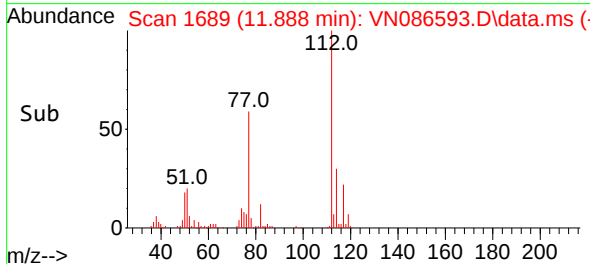
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



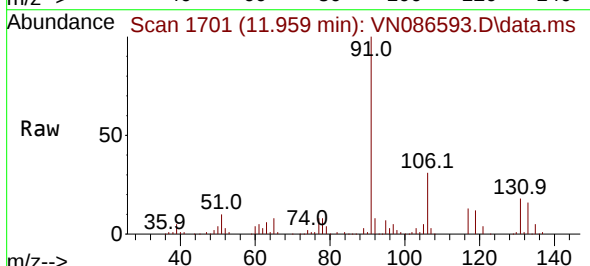
Tgt Ion:112 Resp: 14705
Ion Ratio Lower Upper
112 100
114 29.7 25.4 38.0

Manual Integrations
APPROVED

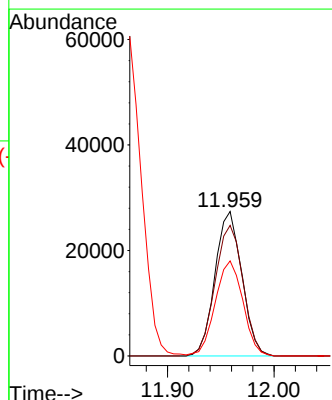
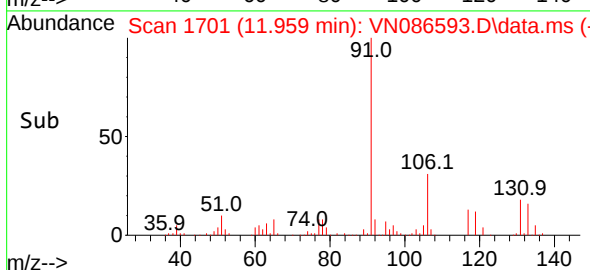
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

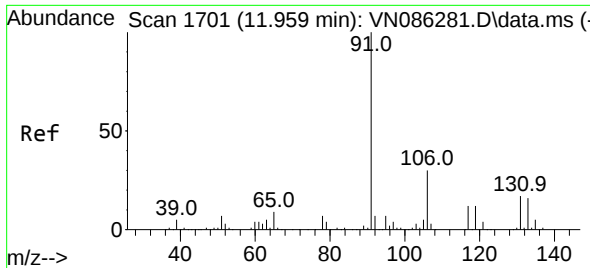


#66
1,1,1,2-Tetrachloroethane
Concen: 19.630 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



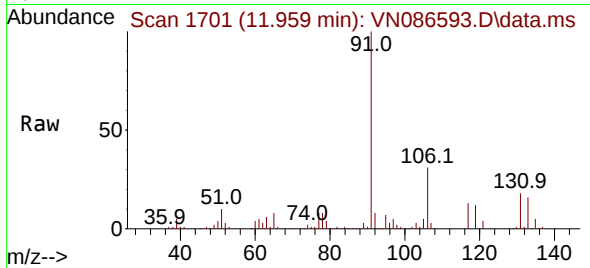
Tgt Ion:131 Resp: 47917
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 67.7 33.8 101.4





#67
Ethyl Benzene
Concen: 19.253 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

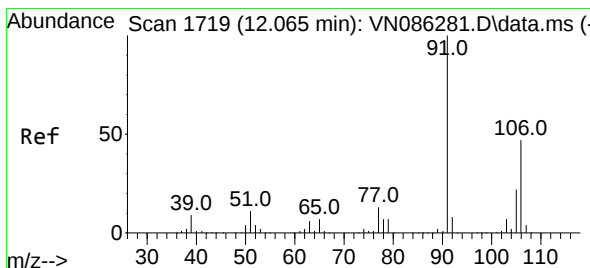
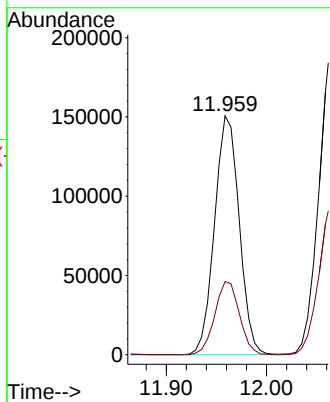
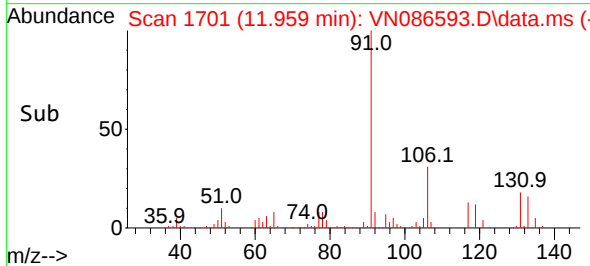
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



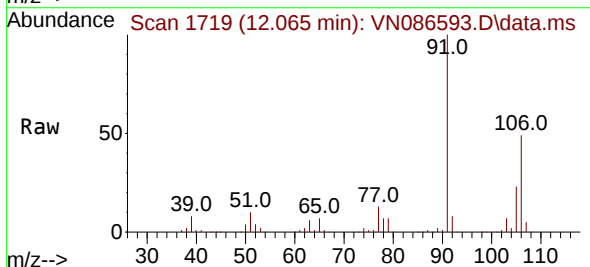
Tgt Ion: 91 Resp: 257070
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

Manual Integrations
APPROVED

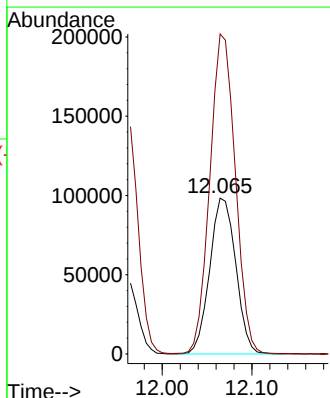
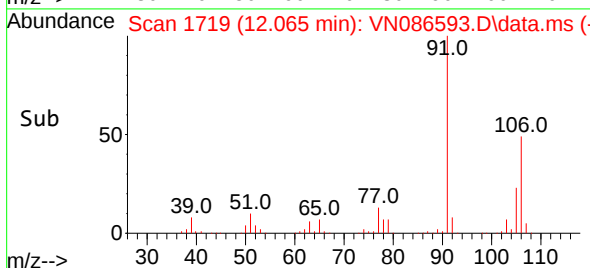
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

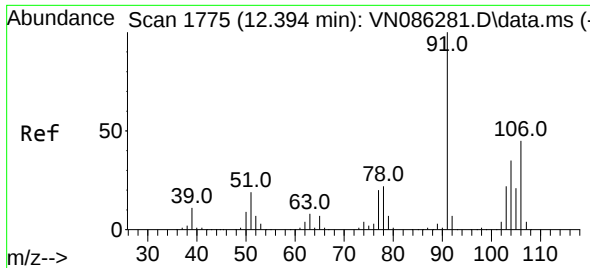


#68
m/p-Xylenes
Concen: 39.614 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



Tgt Ion:106 Resp: 198193
Ion Ratio Lower Upper
106 100
91 201.4 166.5 249.7





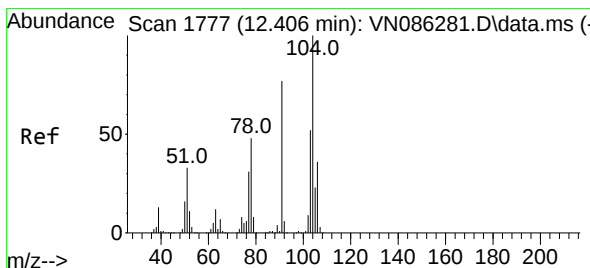
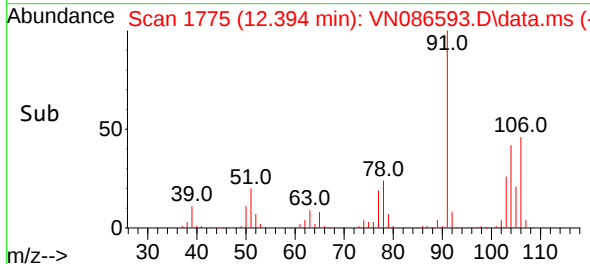
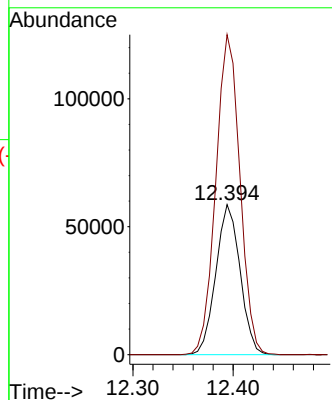
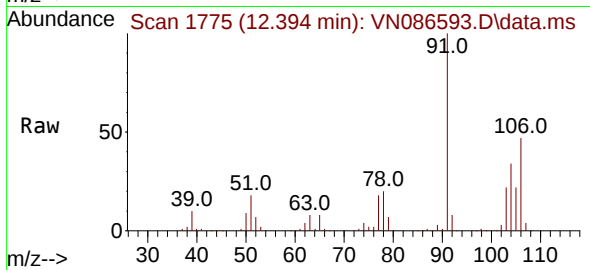
#69
o-Xylene
Concen: 19.880 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:106 Resp: 98359
Ion Ratio Lower Upper
106 100
91 212.3 109.7 329.0

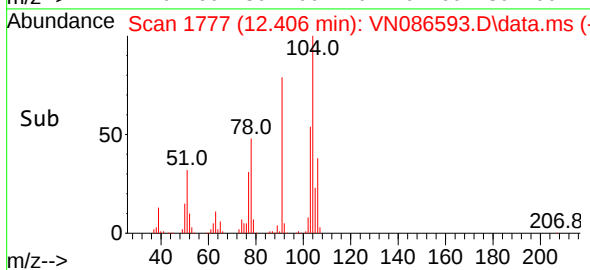
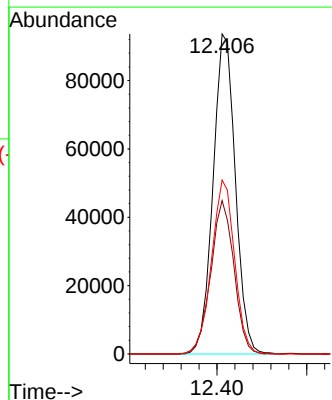
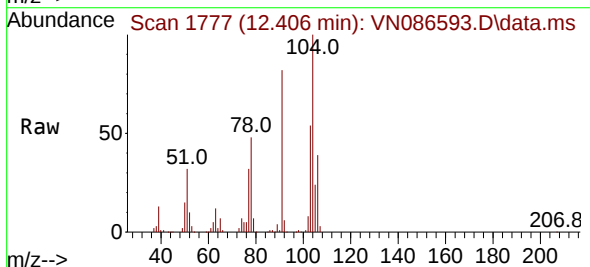
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#70
Styrene
Concen: 19.600 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

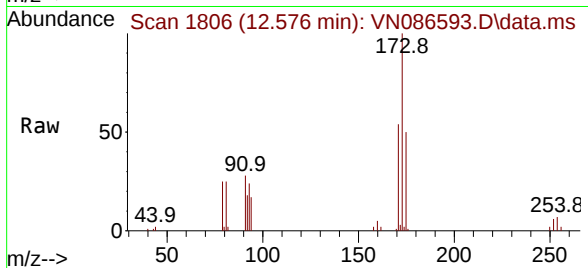
Tgt Ion:104 Resp: 161579
Ion Ratio Lower Upper
104 100
78 49.8 40.6 61.0
103 56.1 43.6 65.4





#71
Bromoform
Concen: 19.245 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

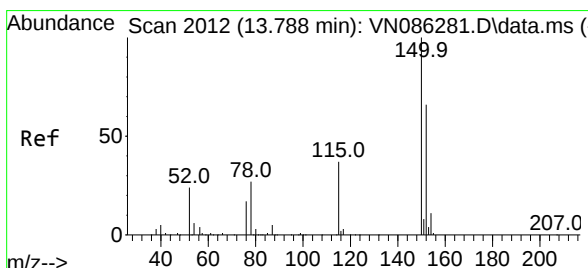
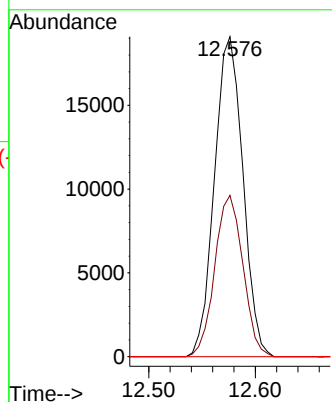
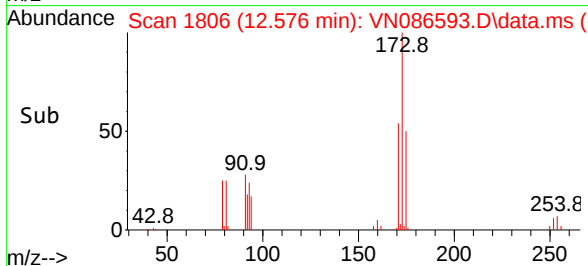
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



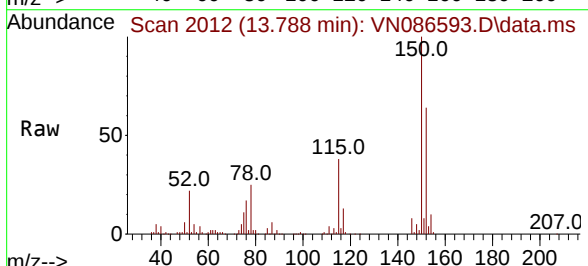
Tgt Ion:173 Resp: 35369
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

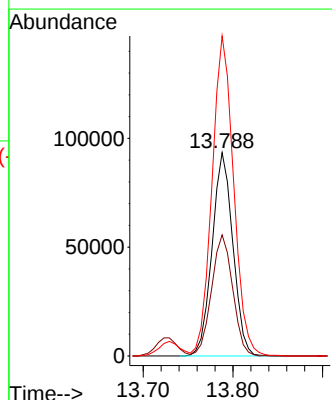
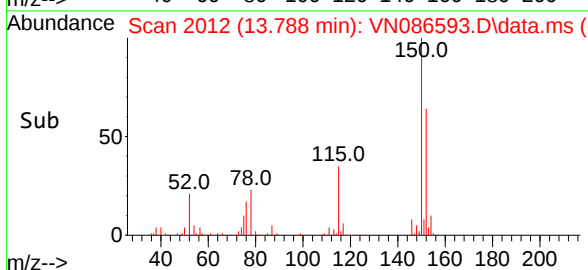
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

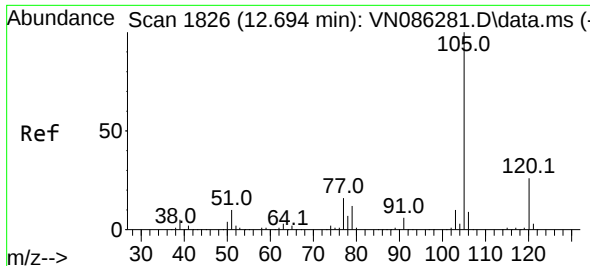


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



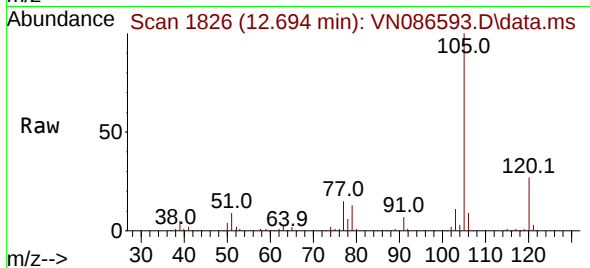
Tgt Ion:152 Resp: 150204
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 163.6 0.0 352.0





#73
Isopropylbenzene
Concen: 19.124 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

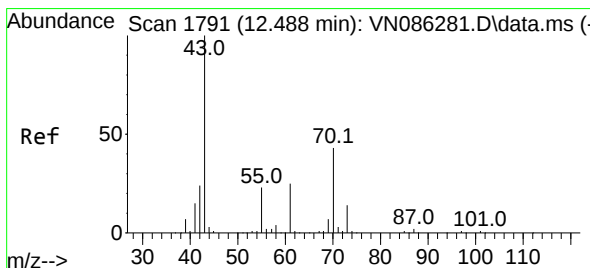
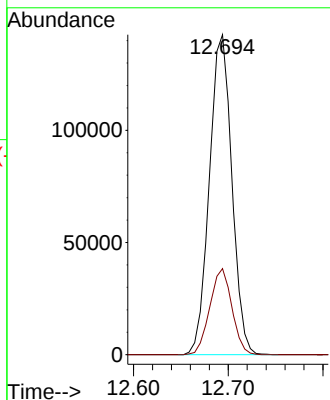
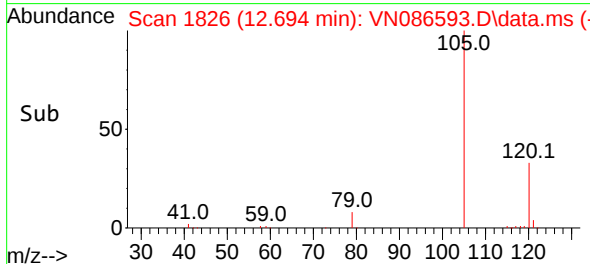
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



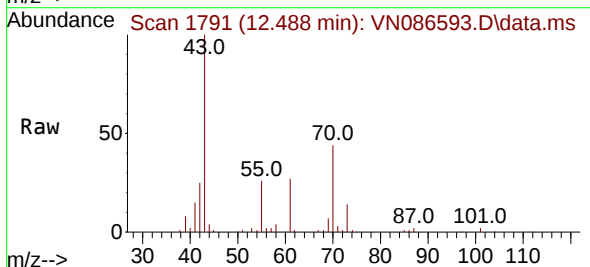
Tgt Ion:105 Resp: 234979
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
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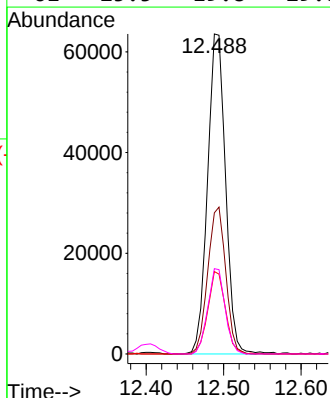
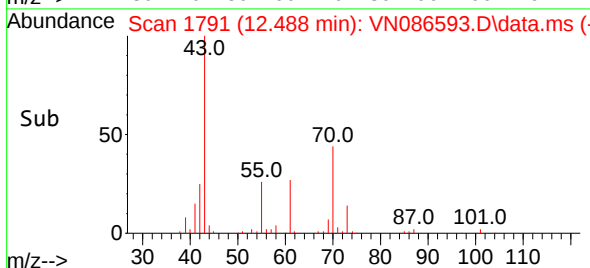
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

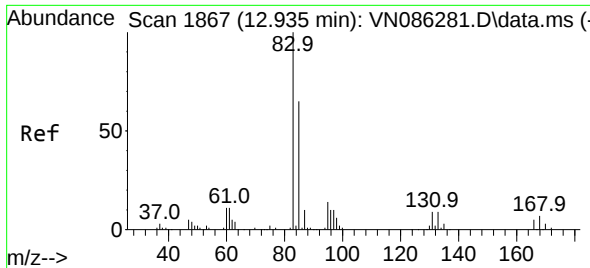


#74
N-ethyl acetate
Concen: 16.798 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



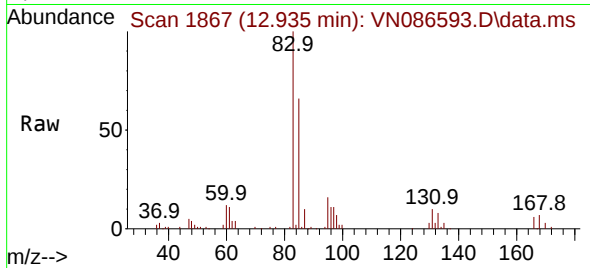
Tgt Ion: 43 Resp: 102753
Ion Ratio Lower Upper
43 100
70 45.9 35.0 52.4
55 25.1 19.0 28.4
61 25.5 19.8 29.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.361 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

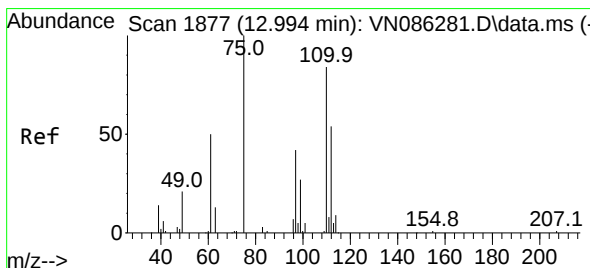
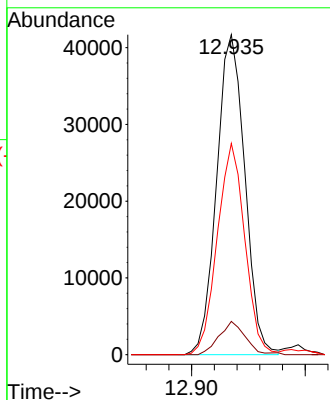
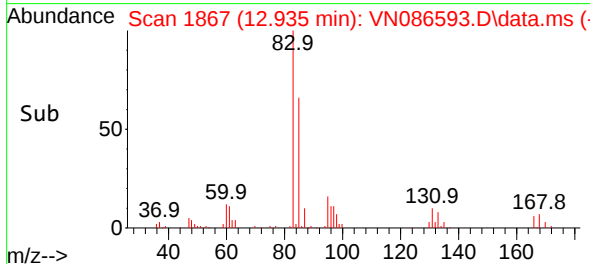
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01



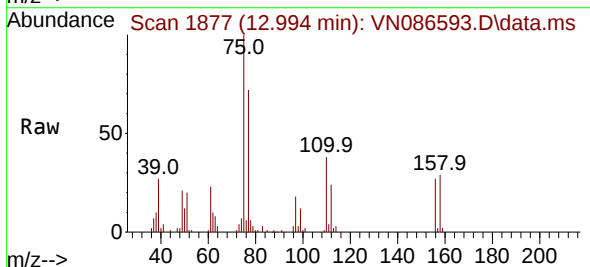
Tgt Ion: 83 Resp: 71932
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 64.3 32.7 98.1

Manual Integrations
 APPROVED

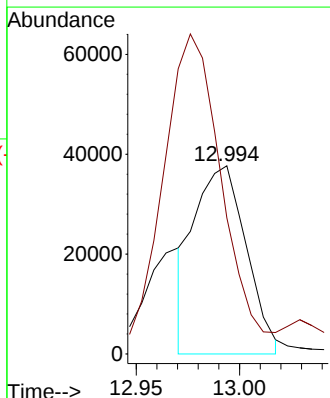
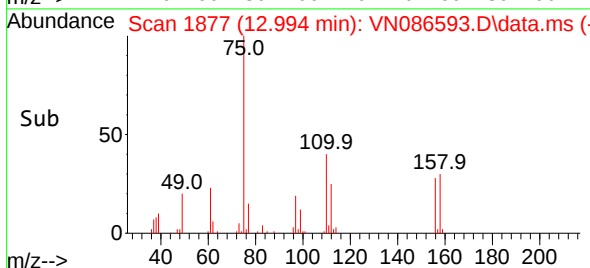
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

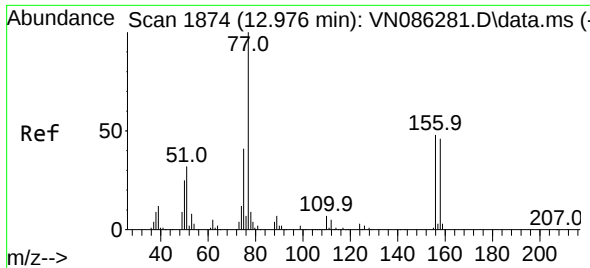


#76
 1,2,3-Trichloropropane
 Concen: 18.539 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45



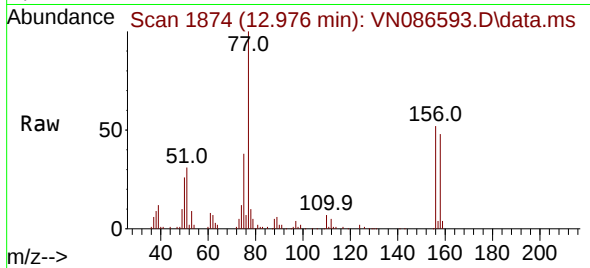
Tgt Ion: 75 Resp: 65713
 Ion Ratio Lower Upper
 75 100
 77 195.2 98.8 296.4





#77
Bromobenzene
Concen: 21.232 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

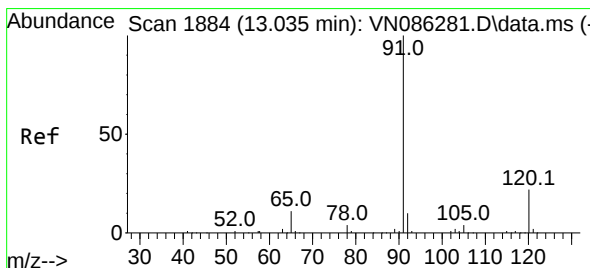
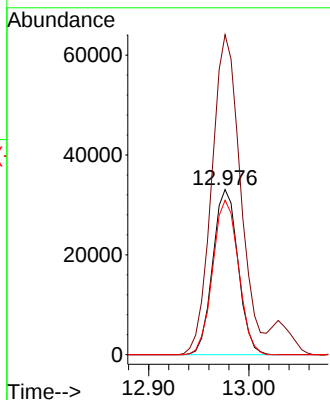
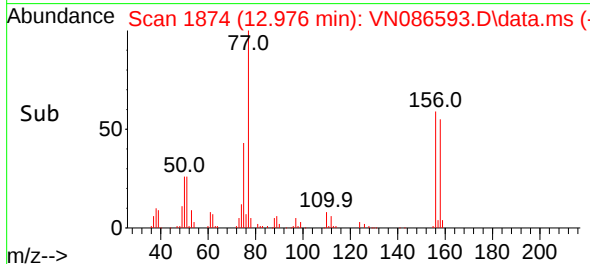
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



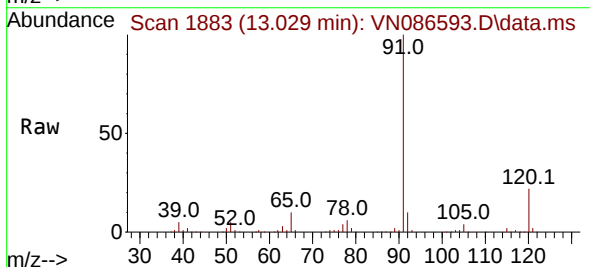
Tgt Ion:156 Resp: 5780
Ion Ratio Lower Upper
156 100
77 221.9 121.1 363.1
158 95.7 47.9 143.6

Manual Integrations
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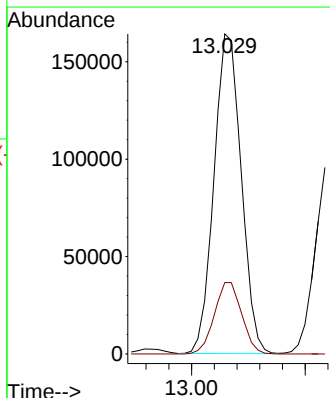
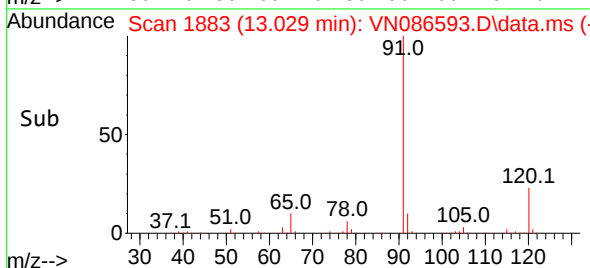
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

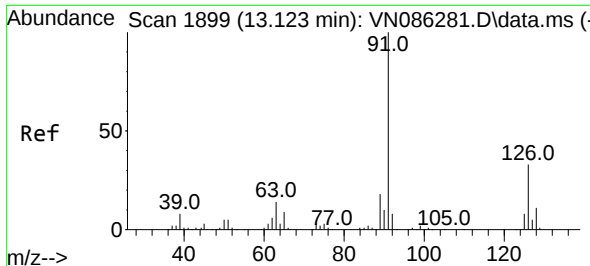


#78
n-propylbenzene
Concen: 18.869 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



Tgt Ion: 91 Resp: 273203
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





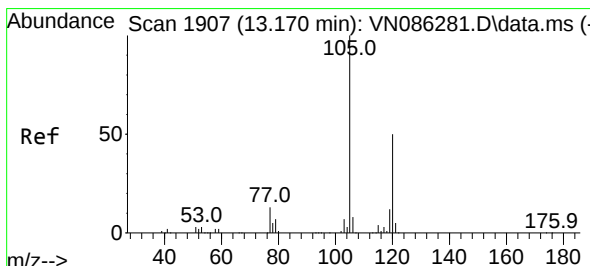
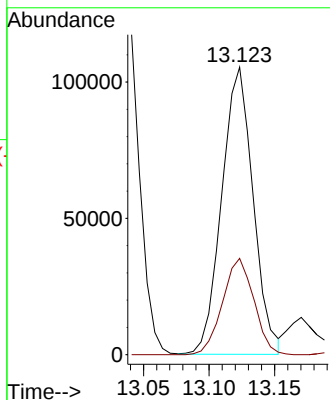
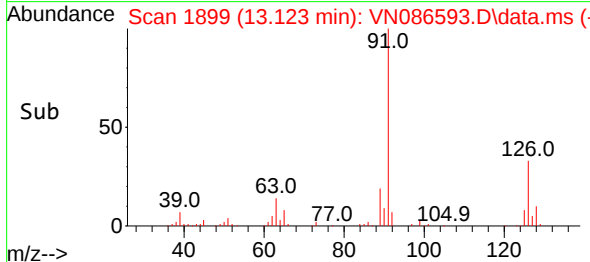
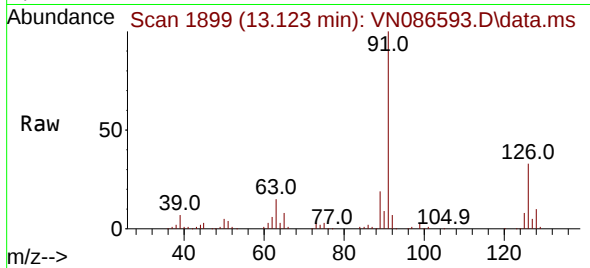
#79
2-Chlorotoluene
Concen: 19.361 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion: 91 Resp: 175411
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2

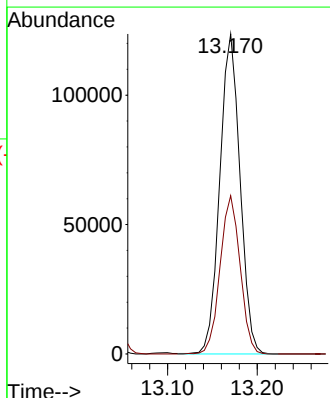
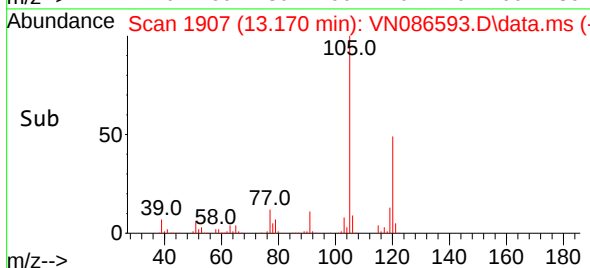
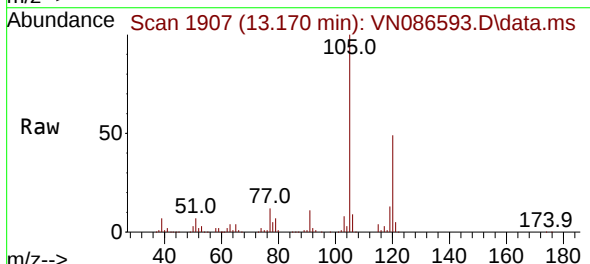
Manual Integrations
APPROVED

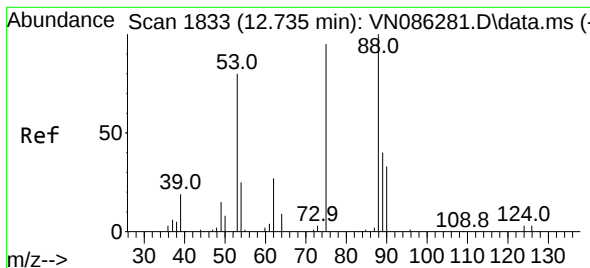
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.236 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

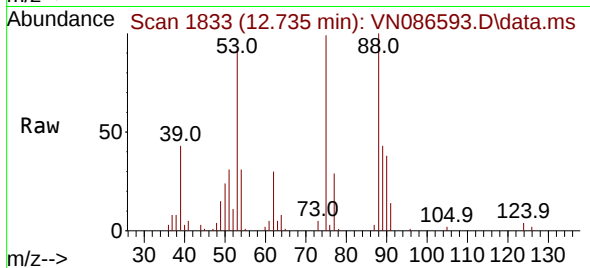
Tgt Ion:105 Resp: 193448
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.550 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

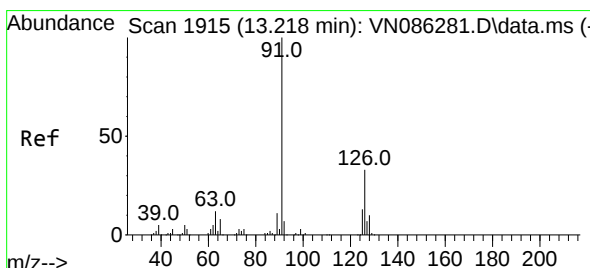
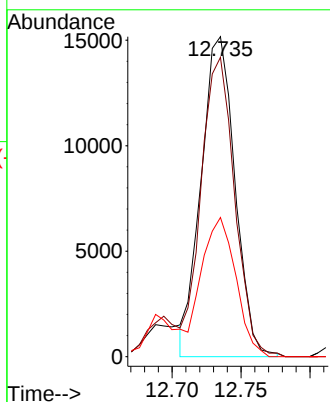
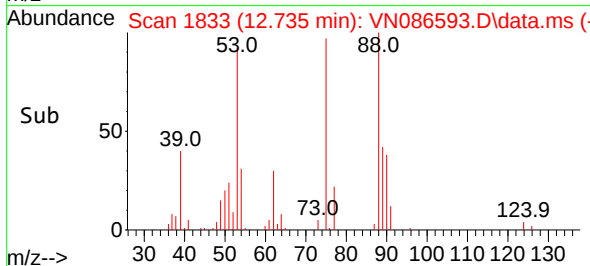
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



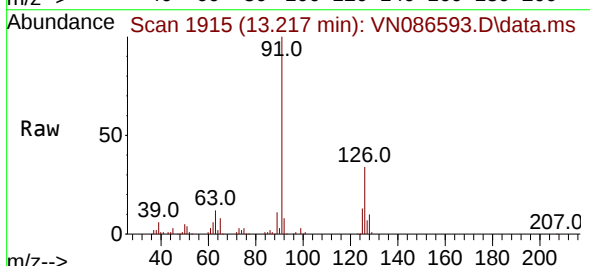
Tgt Ion: 75 Resp: 25902
Ion Ratio Lower Upper
75 100
53 92.7 79.2 118.8
89 43.4 35.7 53.5

Manual Integrations
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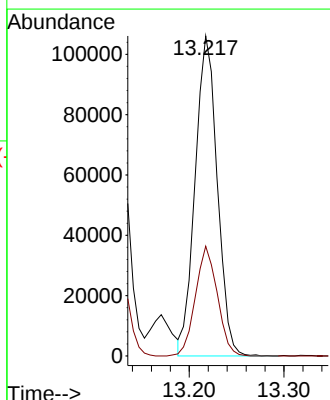
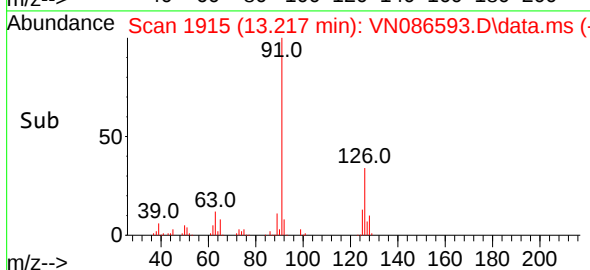
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

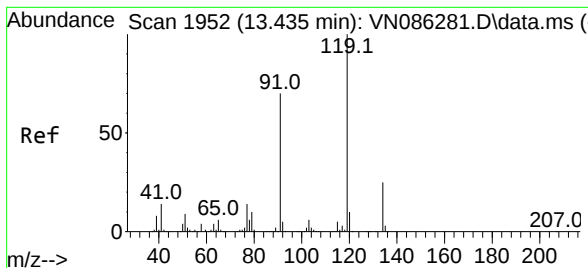


#82
4-Chlorotoluene
Concen: 19.122 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



Tgt Ion: 91 Resp: 172092
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6





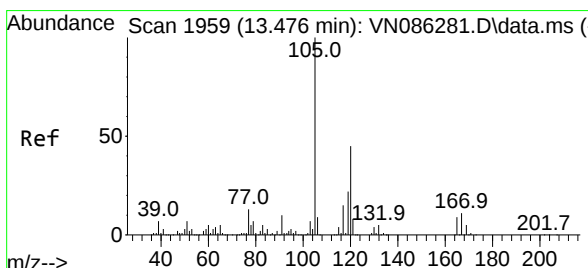
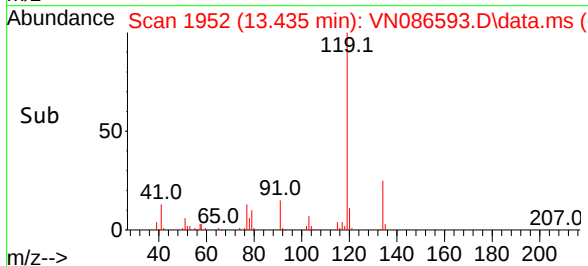
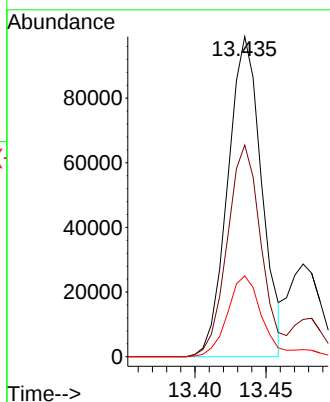
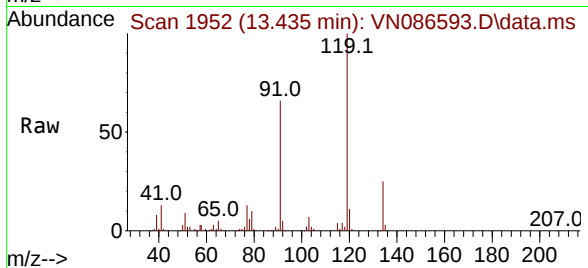
#83
tert-Butylbenzene
Concen: 18.832 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:119 Resp: 164102
Ion Ratio Lower Upper
119 100
91 66.7 34.4 103.3
134 26.8 13.0 39.0

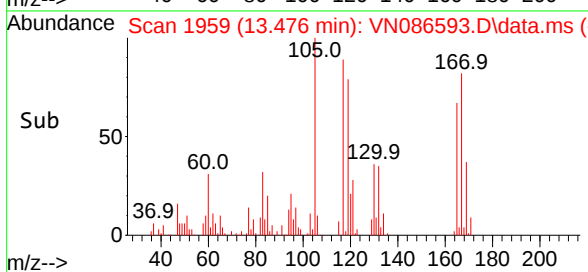
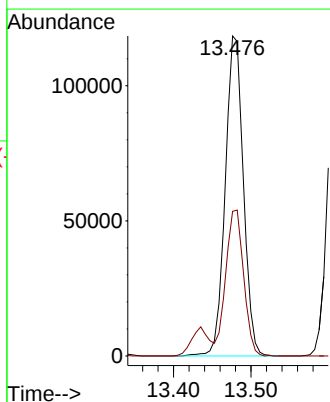
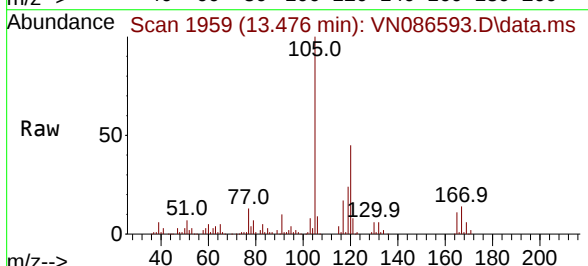
Manual Integrations
APPROVED

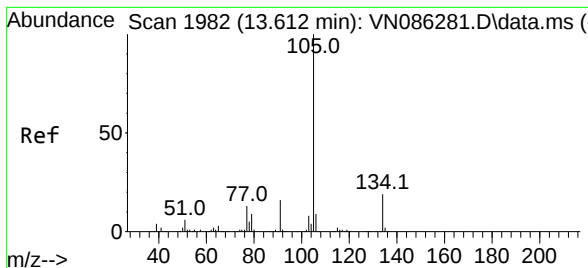
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.840 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion:105 Resp: 192860
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





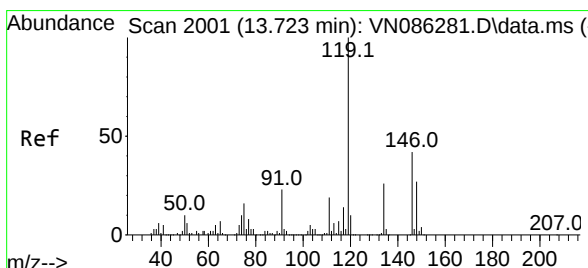
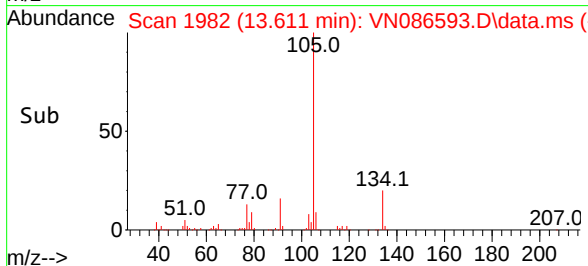
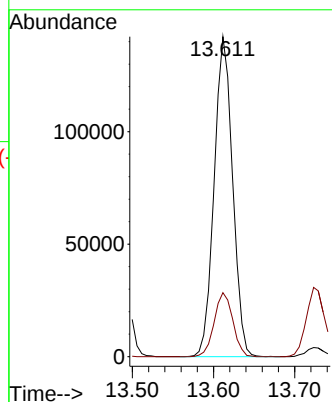
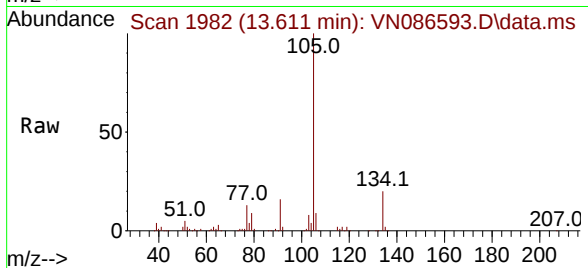
#85
 sec-Butylbenzene
 Concen: 18.600 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

Tgt Ion:105 Resp: 22480
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 29.1

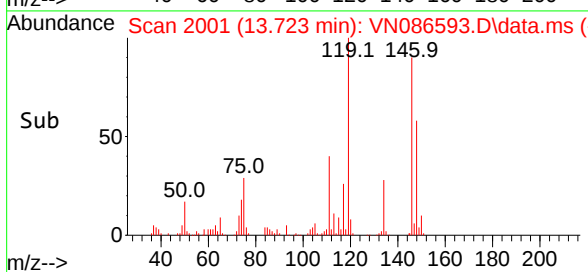
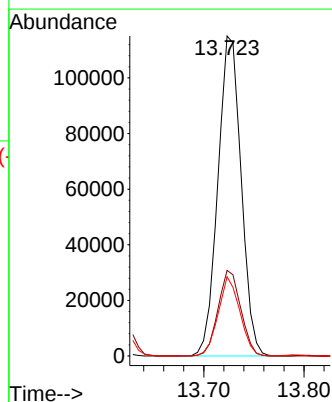
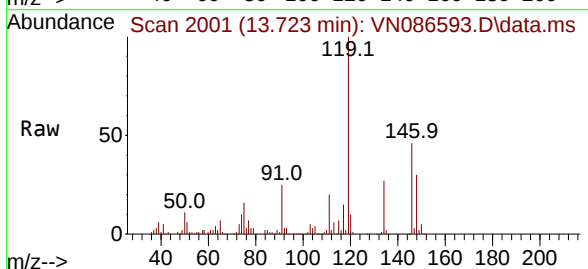
Manual Integrations
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Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#86
 p-Isopropyltoluene
 Concen: 18.612 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086593.D
 Acq: 13 May 2025 11:45

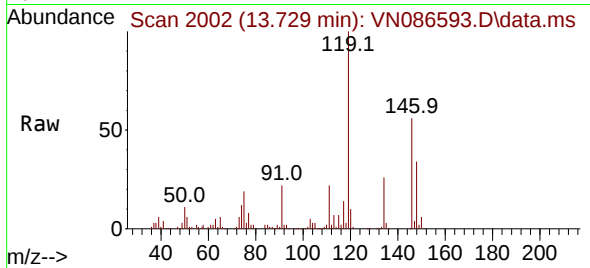
Tgt Ion:119 Resp: 185419
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.1 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 19.872 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

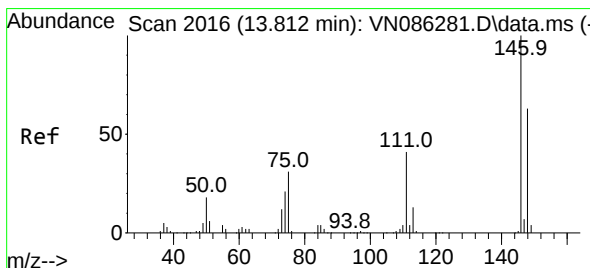
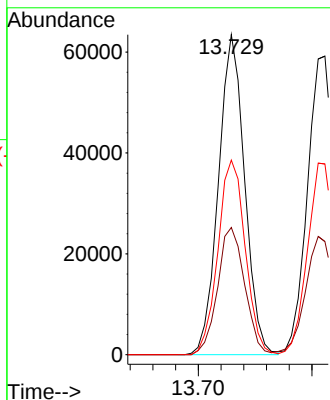
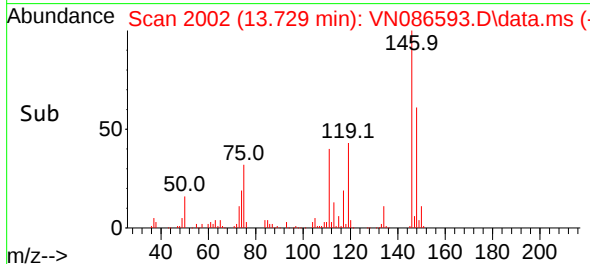
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



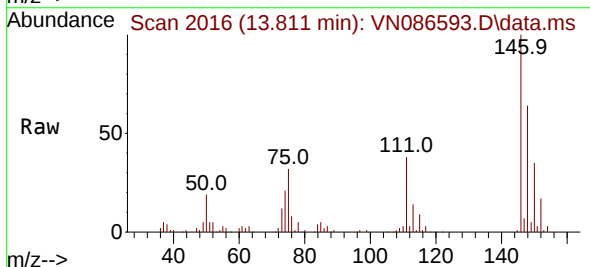
Tgt Ion:146 Resp: 101704
Ion Ratio Lower Upper
146 100
111 41.1 21.9 65.7
148 63.4 31.9 95.5

Manual Integrations
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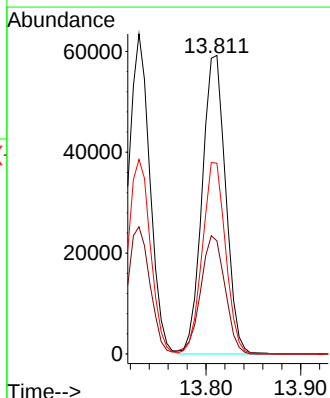
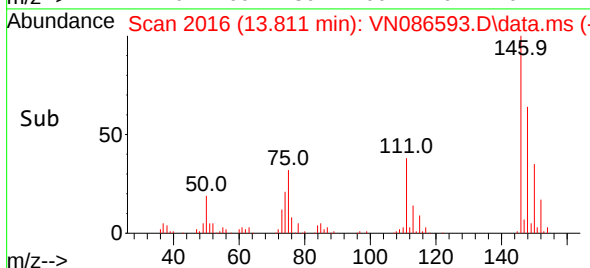
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#88
1,4-Dichlorobenzene
Concen: 19.758 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



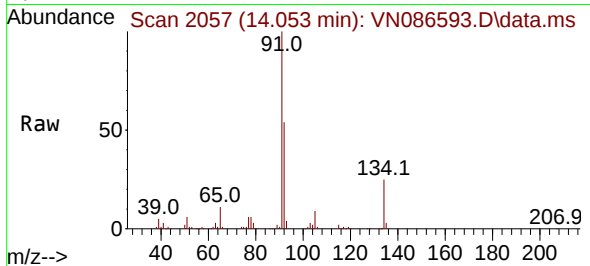
Tgt Ion:146 Resp: 101847
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.9
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 17.324 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

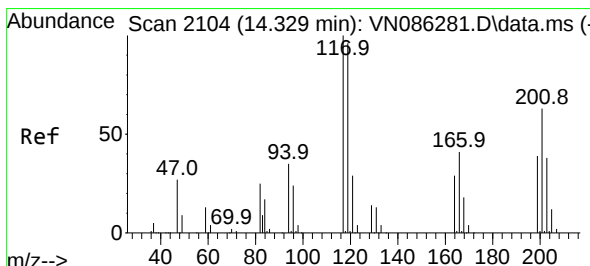
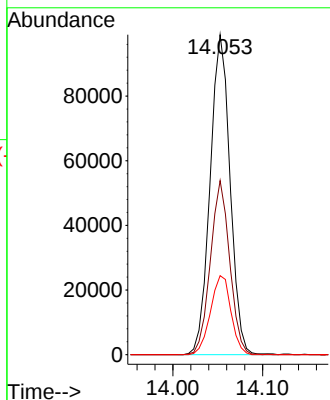
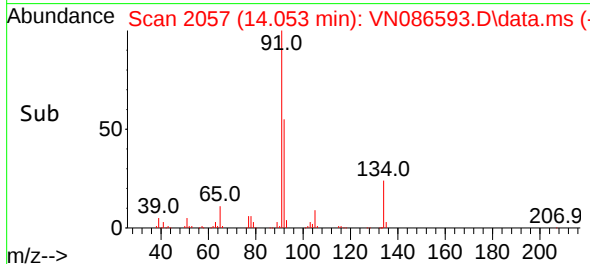
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion: 91 Resp: 152980
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 25.3 12.2 36.6

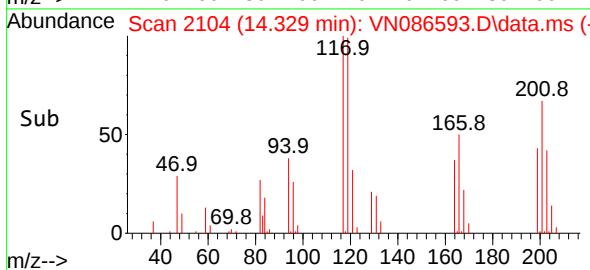
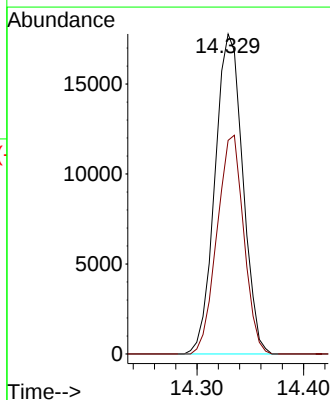
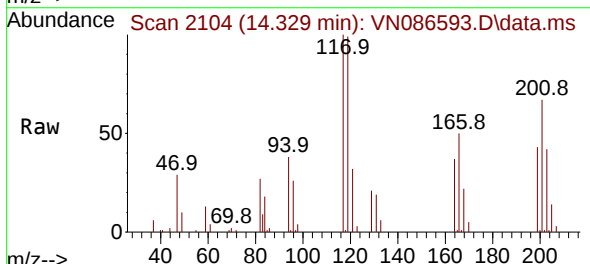
Manual Integrations
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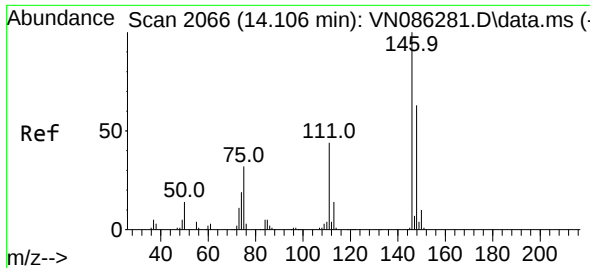
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#90
Hexachloroethane
Concen: 19.257 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion:117 Resp: 32269
Ion Ratio Lower Upper
117 100
201 65.7 31.4 94.2





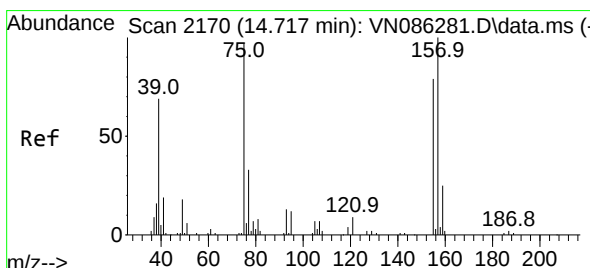
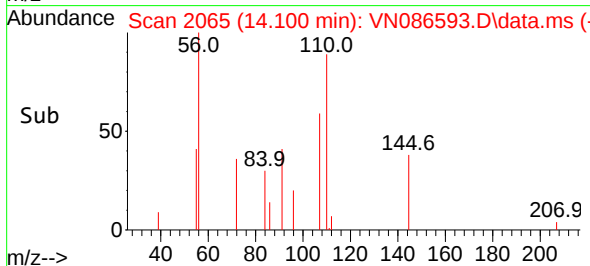
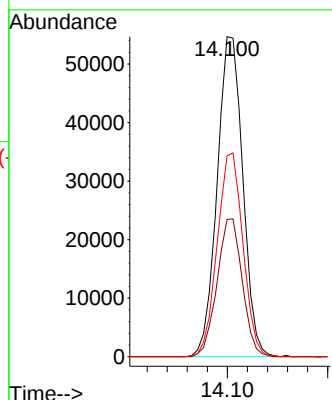
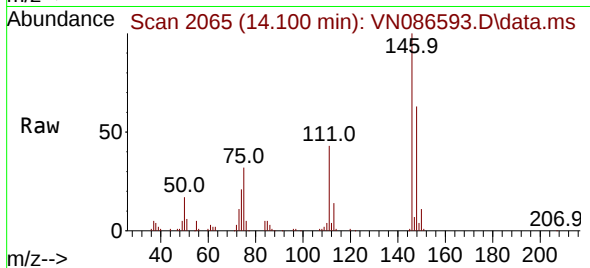
#91
1,2-Dichlorobenzene
Concen: 19.547 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01

Tgt Ion:146 Resp: 9699
Ion Ratio Lower Upper
146 100
111 42.2 22.4 67.0
148 63.8 31.8 95.4

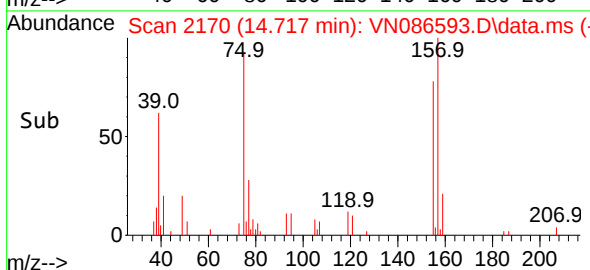
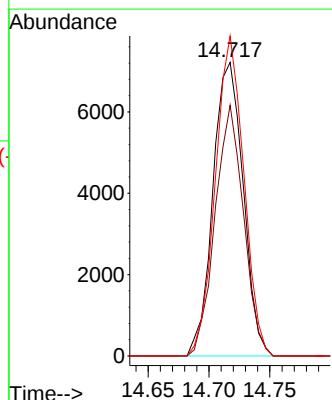
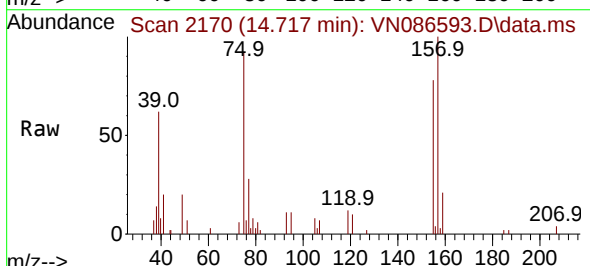
Manual Integrations
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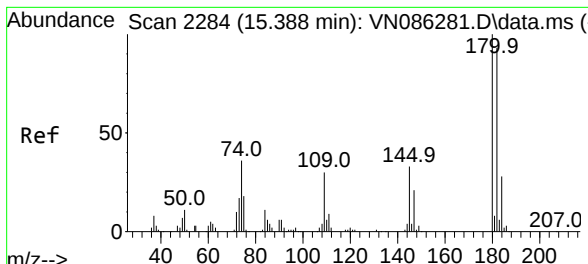
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.490 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

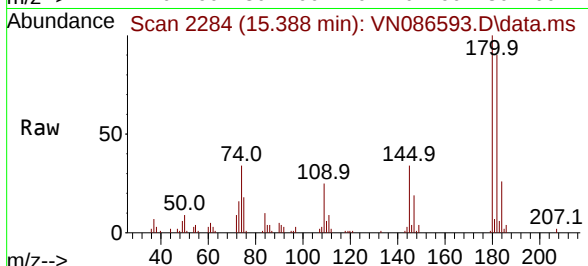
Tgt Ion: 75 Resp: 12459
Ion Ratio Lower Upper
75 100
155 80.4 40.3 120.9
157 102.6 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 17.486 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

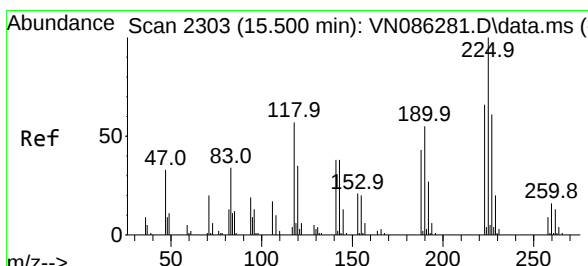
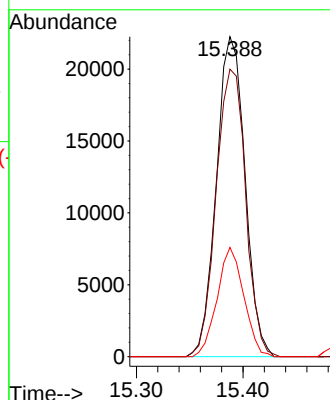
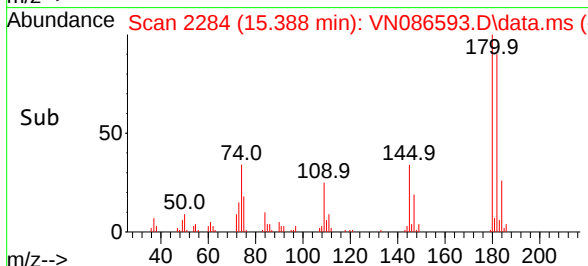
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



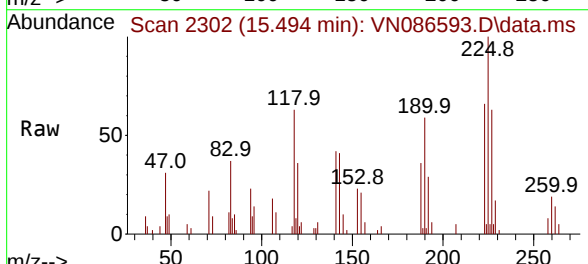
Tgt Ion:180 Resp: 41540
Ion Ratio Lower Upper
180 100
182 92.5 47.0 141.0
145 31.9 16.4 49.1

Manual Integrations
APPROVED

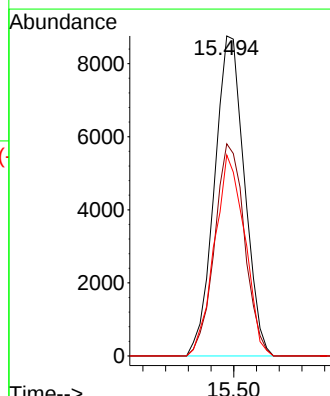
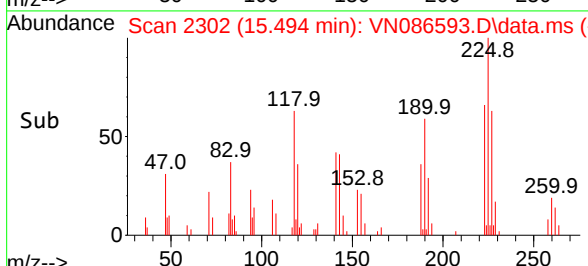
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

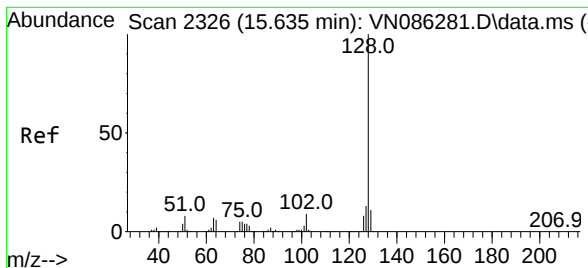


#94
Hexachlorobutadiene
Concen: 17.900 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45



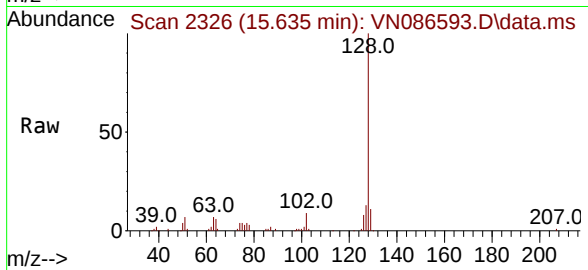
Tgt Ion:225 Resp: 16054
Ion Ratio Lower Upper
225 100
223 66.2 32.8 98.3
227 63.4 31.4 94.0





#95
Naphthalene
Concen: 16.453 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

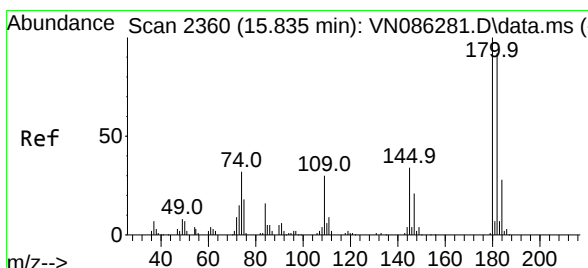
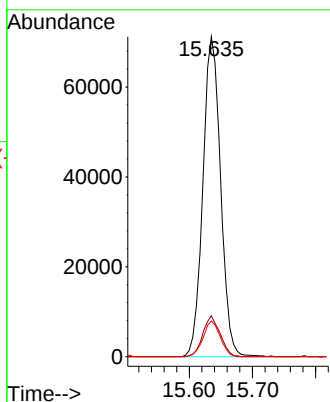
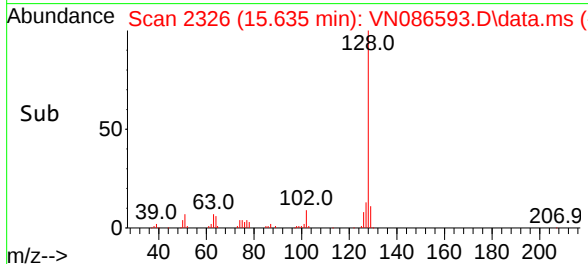
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBS01



Tgt Ion:128 Resp: 13857
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.494 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086593.D
Acq: 13 May 2025 11:45

Tgt Ion:180 Resp: 39351
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 34.9 17.2 51.5

