

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086709.D
 Acq On : 20 May 2025 11:39
 Operator : JC\MD
 Sample : VN0520WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 01:41:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	210815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	380561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	332855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140259	48.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.300%		
35) Dibromofluoromethane	8.159	113	112739	49.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	10.565	98	458681	48.837	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.847	95	156039	47.052	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46150	20.271	ug/l	96
3) Chloromethane	2.359	50	63649	18.484	ug/l	98
4) Vinyl Chloride	2.512	62	57227	18.505	ug/l	96
5) Bromomethane	2.959	94	31827	17.852	ug/l	90
6) Chloroethane	3.118	64	36970	18.249	ug/l	96
7) Trichlorofluoromethane	3.501	101	68010	18.402	ug/l	92
8) Diethyl Ether	3.959	74	27874	18.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	41955	18.962	ug/l	97
10) Methyl Iodide	4.589	142	46259	16.808	ug/l	99
11) Tert butyl alcohol	5.518	59	43211	81.447	ug/l	99
12) 1,1-Dichloroethene	4.342	96	41445	17.626	ug/l	100
13) Acrolein	4.177	56	50213	88.534	ug/l	99
14) Allyl chloride	5.024	41	64250	18.053	ug/l	98
15) Acrylonitrile	5.718	53	118912	90.523	ug/l	98
16) Acetone	4.424	43	91715	84.167	ug/l	97
17) Carbon Disulfide	4.712	76	119474	18.352	ug/l	100
18) Methyl Acetate	5.024	43	50794	16.654	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	144479	18.045	ug/l	99
20) Methylene Chloride	5.277	84	49279	17.137	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	45069	18.129	ug/l	99
22) Diisopropyl ether	6.671	45	150689	18.767	ug/l	98
23) Vinyl Acetate	6.600	43	611422	101.320	ug/l	100
24) 1,1-Dichloroethane	6.565	63	86683	18.388	ug/l	97
25) 2-Butanone	7.483	43	149201	88.606	ug/l	100
26) 2,2-Dichloropropane	7.489	77	73306	18.843	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	55138	18.069	ug/l	98
28) Bromochloromethane	7.812	49	42471	19.829	ug/l	100
29) Tetrahydrofuran	7.836	42	98987	90.063	ug/l	98
30) Chloroform	7.965	83	86282	18.286	ug/l	96
31) Cyclohexane	8.253	56	78440	17.941	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	73283	18.421	ug/l	99
36) 1,1-Dichloropropene	8.365	75	61790	18.483	ug/l	98
37) Ethyl Acetate	7.553	43	59642	17.662	ug/l	99
38) Carbon Tetrachloride	8.359	117	60822	18.465	ug/l	95
39) Methylcyclohexane	9.600	83	66313	18.328	ug/l	98
40) Benzene	8.600	78	203421	18.653	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33153	18.183	ug/l	98
42) 1,2-Dichloroethane	8.665	62	62642	18.437	ug/l	98
43) Isopropyl Acetate	8.683	43	112035	16.549	ug/l	98
44) Trichloroethene	9.347	130	48409	18.404	ug/l	100
45) 1,2-Dichloropropane	9.618	63	48451	18.702	ug/l	97
46) Dibromomethane	9.706	93	32260	18.454	ug/l	99
47) Bromodichloromethane	9.882	83	66623	18.497	ug/l	96
48) Methyl methacrylate	9.677	41	47908	18.263	ug/l	99
49) 1,4-Dioxane	9.688	88	19370	348.711	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	306554	89.795	ug/l	100
52) Toluene	10.624	92	124320	18.342	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	72129	18.914	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	78288	18.806	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	44977	17.789	ug/l	97
56) Ethyl methacrylate	10.871	69	73547	18.117	ug/l	98
57) 1,3-Dichloropropane	11.159	76	80448	18.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	172451	95.048	ug/l	98
59) 2-Hexanone	11.188	43	221951	89.028	ug/l	98
60) Dibromochloromethane	11.359	129	49377	18.634	ug/l	98
61) 1,2-Dibromoethane	11.465	107	45758	18.009	ug/l	100
64) Tetrachloroethene	11.100	164	48192	18.900	ug/l	96
65) Chlorobenzene	11.888	112	133933	18.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	43367	18.405	ug/l	98
67) Ethyl Benzene	11.959	91	226973	18.155	ug/l	99
68) m/p-Xylenes	12.065	106	176578	37.290	ug/l	99
69) o-Xylene	12.394	106	86238	18.319	ug/l	97
70) Styrene	12.406	104	144170	18.705	ug/l	99
71) Bromoform	12.576	173	30628	18.277	ug/l #	97
73) Isopropylbenzene	12.694	105	204177	18.129	ug/l	100
74) N-amyl acetate	12.488	43	86309	18.342	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.929	83	63329	18.303	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	58707m	17.801	ug/l	
77) Bromobenzene	12.976	156	49108	17.334	ug/l	95
78) n-propylbenzene	13.029	91	240998	18.646	ug/l	99
79) 2-Chlorotoluene	13.123	91	153603	18.278	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	167438	18.556	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22609	17.301	ug/l	96
82) 4-Chlorotoluene	13.218	91	152053	18.263	ug/l	99
83) tert-Butylbenzene	13.435	119	141740	18.012	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	170040	18.924	ug/l	98
85) sec-Butylbenzene	13.612	105	196066	18.582	ug/l	99
86) p-Isopropyltoluene	13.723	119	161106	18.628	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	90724	18.493	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	89216	18.355	ug/l	98
89) n-Butylbenzene	14.053	91	135528	18.902	ug/l	99
90) Hexachloroethane	14.329	117	26422	18.413	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	85146	18.248	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10797	18.837	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	36861	18.715	ug/l	99
94) Hexachlorobutadiene	15.500	225	15037	18.401	ug/l	98
95) Naphthalene	15.635	128	123106	18.001	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35083	18.189	ug/l	98

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

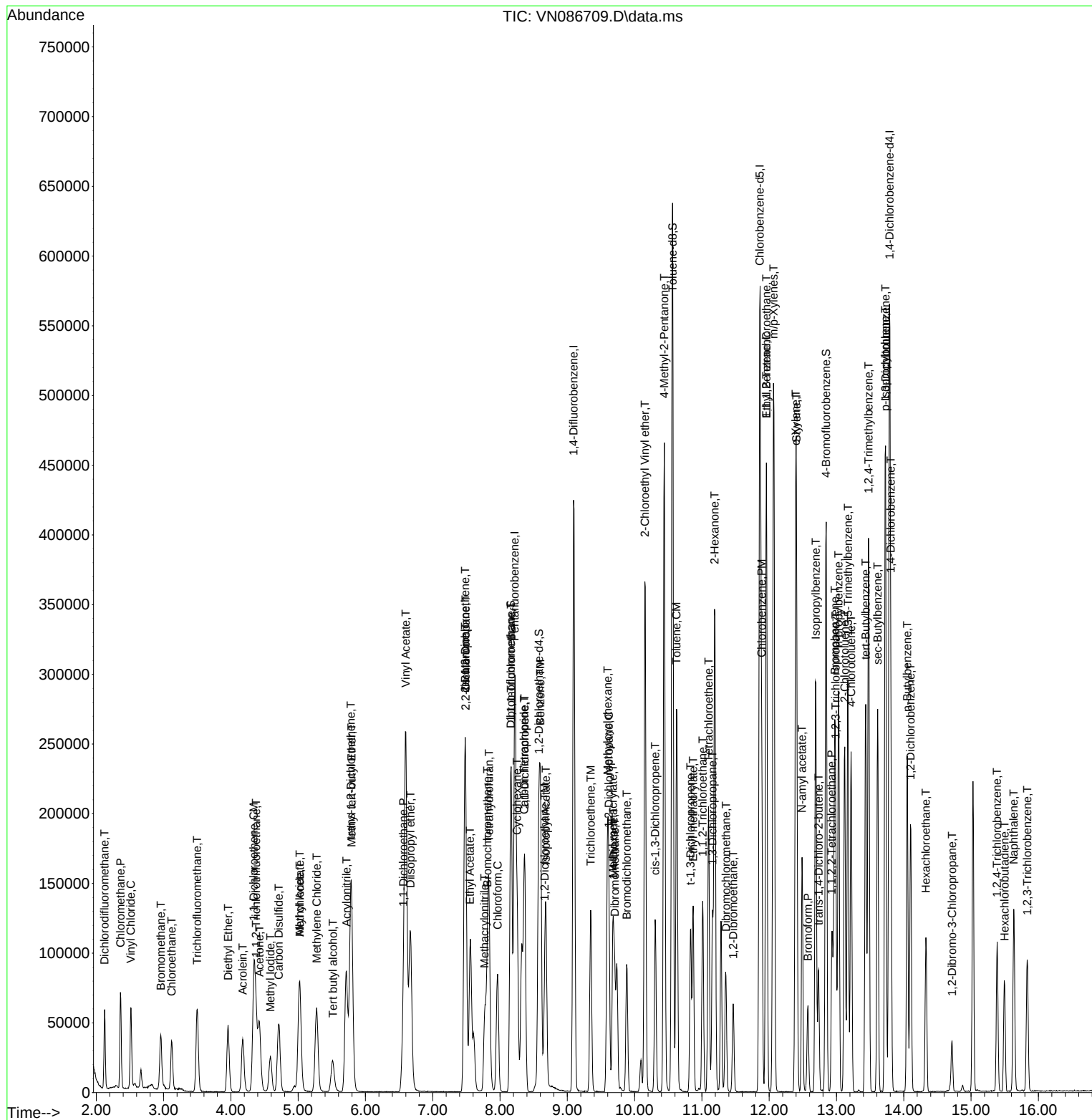
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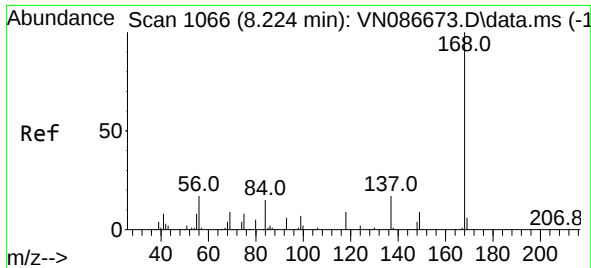
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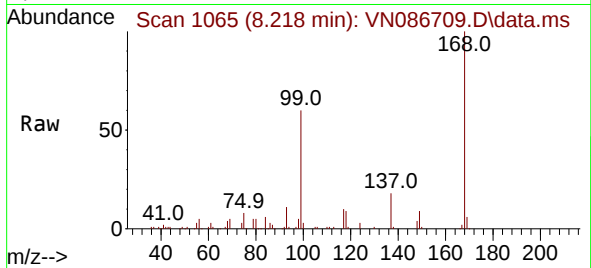
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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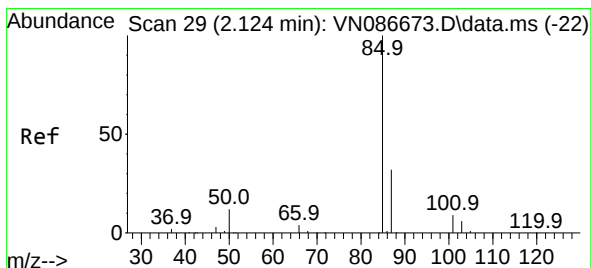
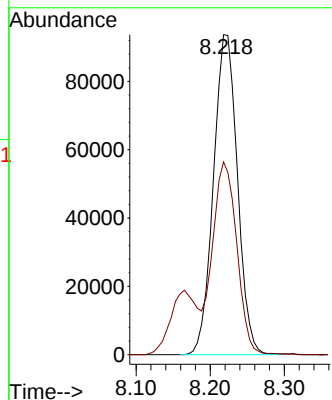
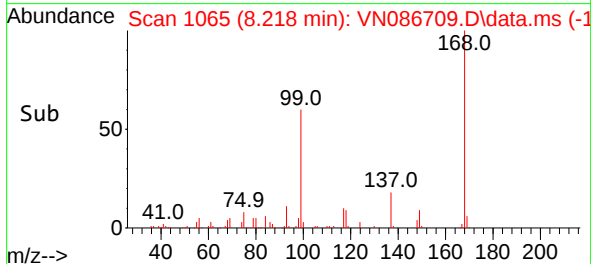
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 21081
Ion Ratio Lower Upper
168 100
99 60.0 47.0 70.4

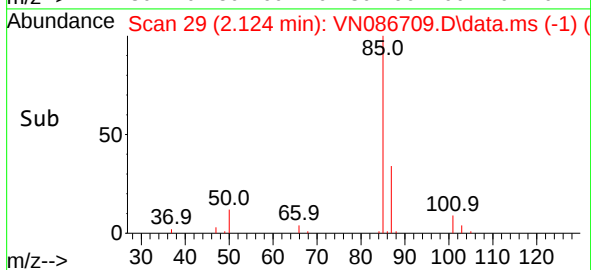
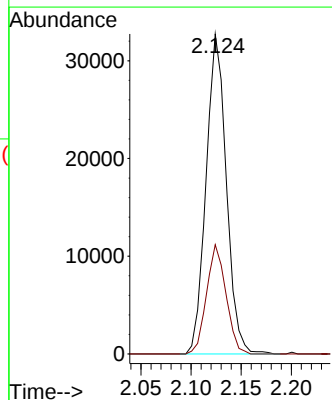
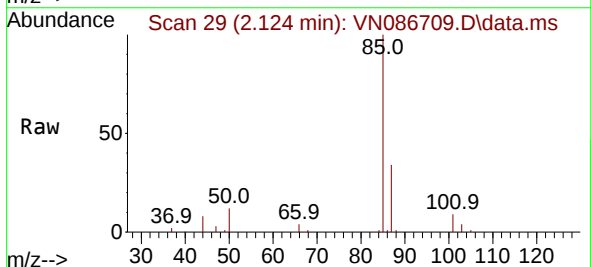
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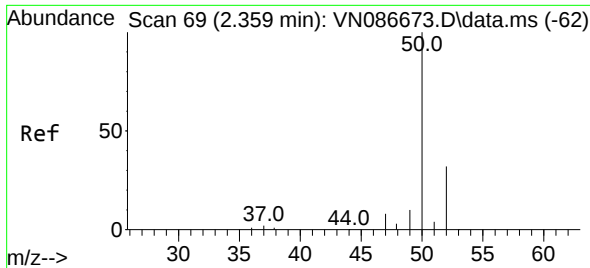
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#2
Dichlorodifluoromethane
Concen: 20.271 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

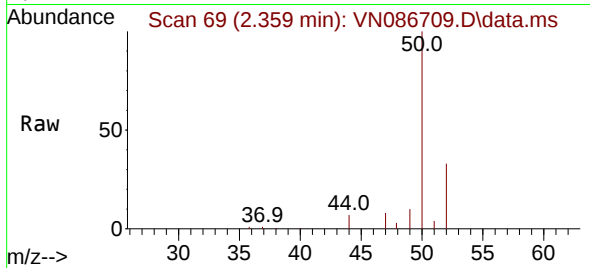
Tgt Ion: 85 Resp: 46150
Ion Ratio Lower Upper
85 100
87 34.1 15.9 47.6





#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

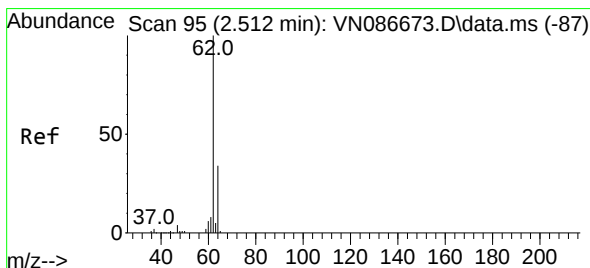
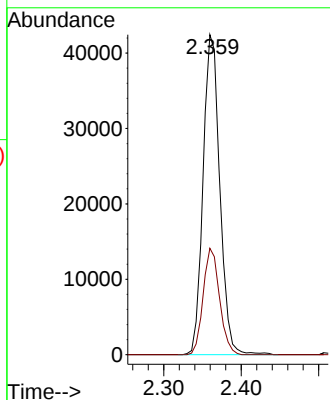
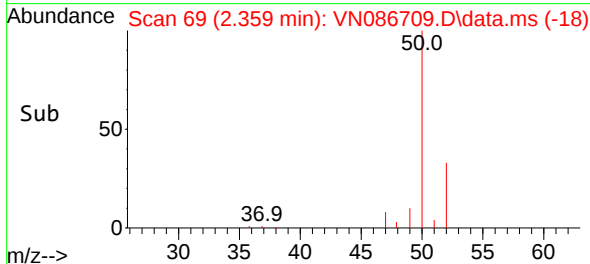
Instrument :
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Tgt Ion: 50 Resp: 63649
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9

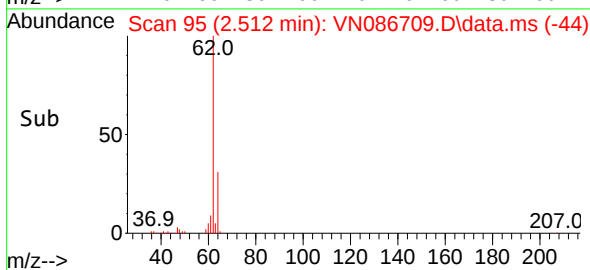
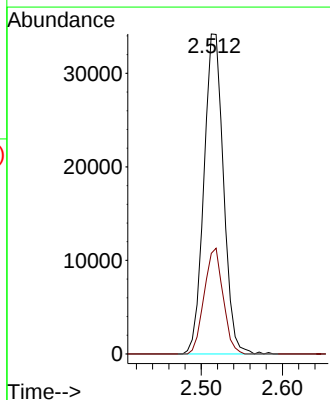
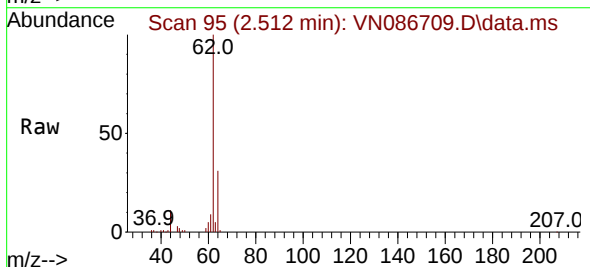
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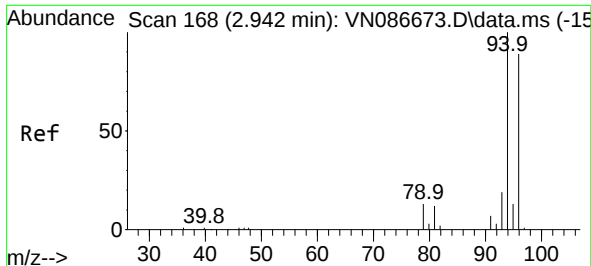
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#4
Vinyl Chloride
Concen: 18.505 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

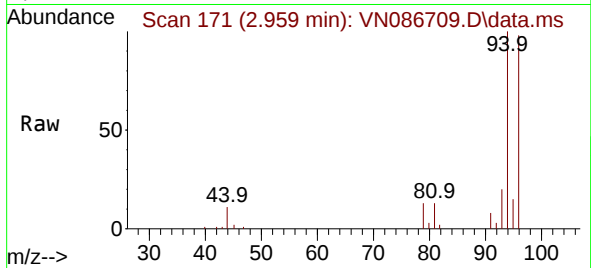
Tgt Ion: 62 Resp: 57227
Ion Ratio Lower Upper
62 100
64 31.4 26.9 40.3





#5
Bromomethane
Concen: 17.852 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

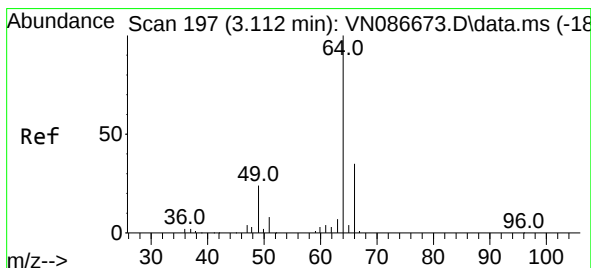
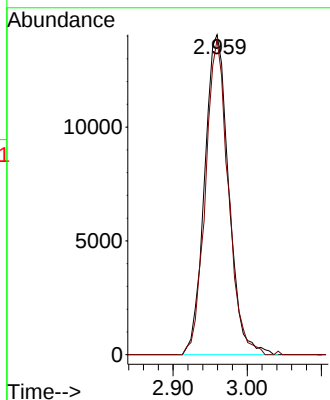
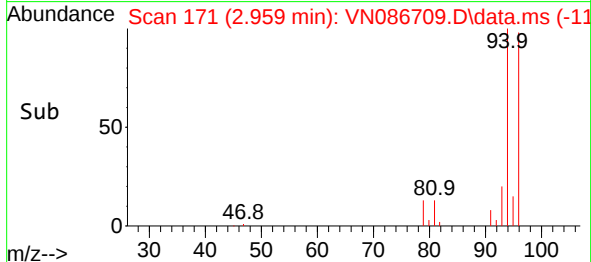
Instrument :
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Tgt Ion: 94 Resp: 3182
Ion Ratio Lower Upper
94 100
96 98.4 71.2 106.8

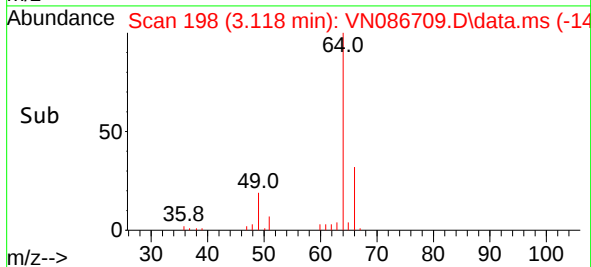
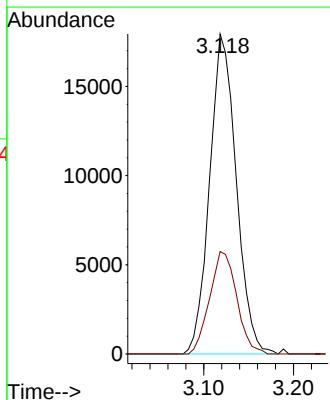
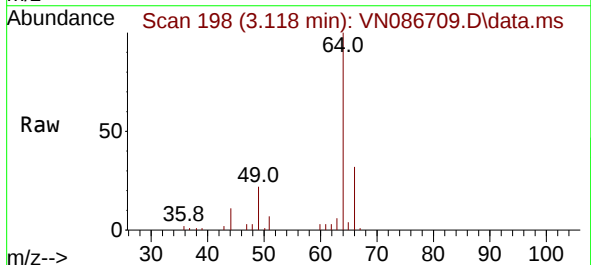
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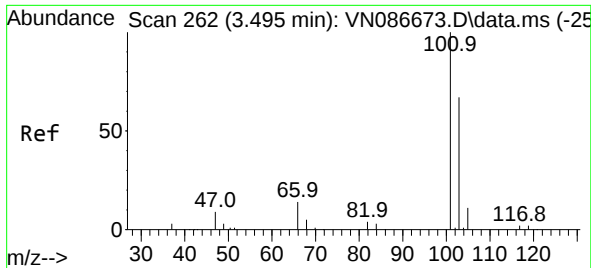
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#6
Chloroethane
Concen: 18.249 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

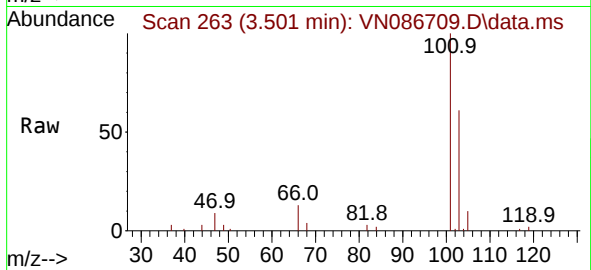
Tgt Ion: 64 Resp: 36970
Ion Ratio Lower Upper
64 100
66 32.0 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 18.402 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

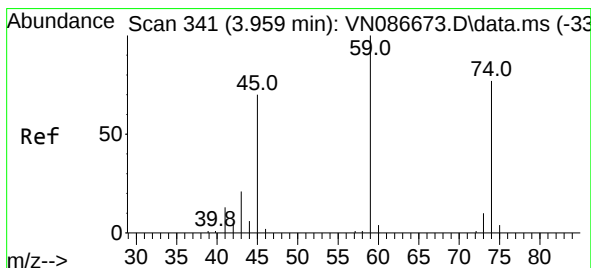
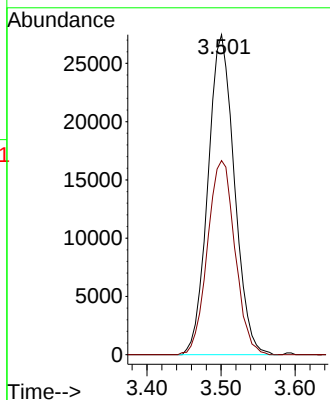
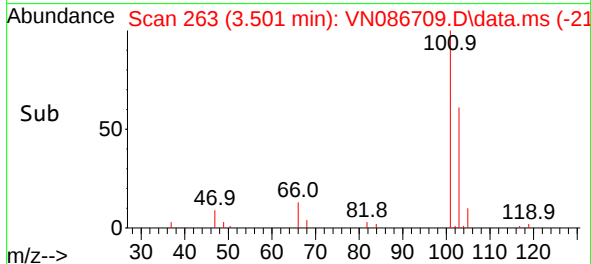
Instrument :
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Tgt Ion:101 Resp: 68010
 Ion Ratio Lower Upper
 101 100
 103 60.7 53.4 80.0

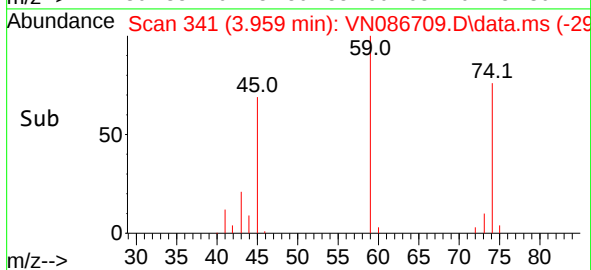
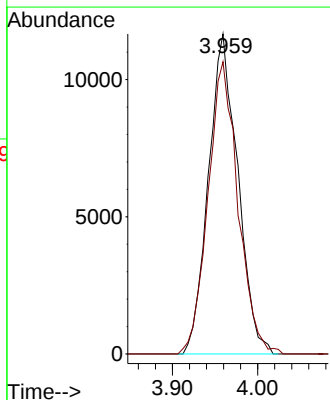
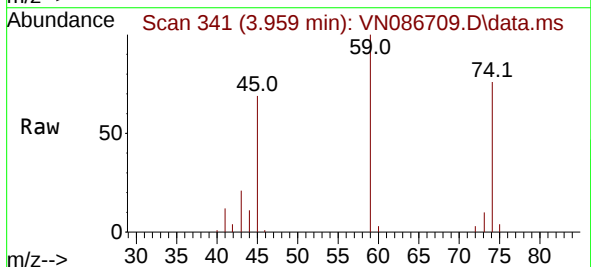
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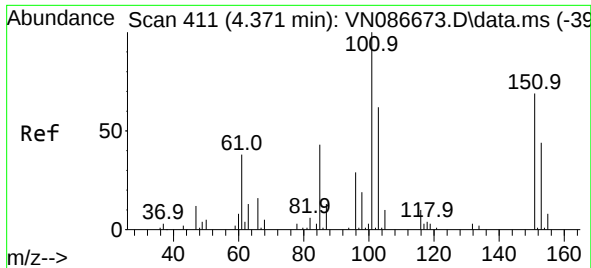
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#8
 Diethyl Ether
 Concen: 18.257 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

Tgt Ion: 74 Resp: 27874
 Ion Ratio Lower Upper
 74 100
 45 93.2 45.0 135.0





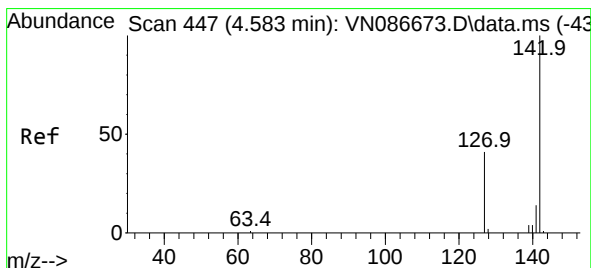
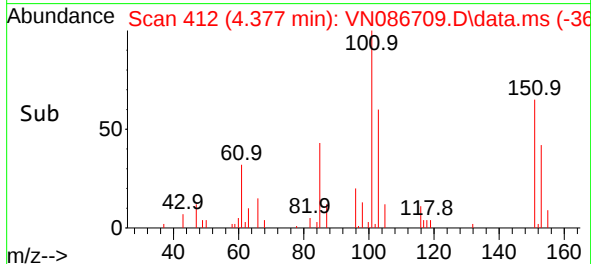
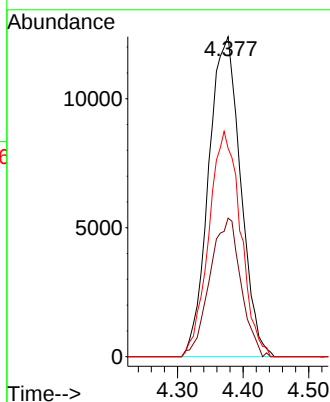
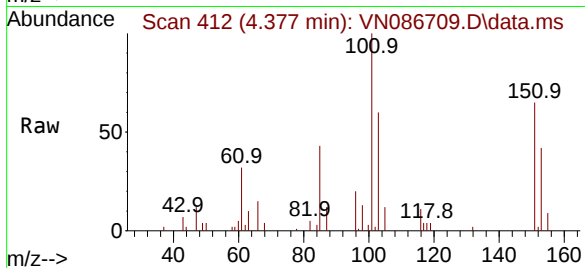
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.962 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:101 Resp: 4195
Ion Ratio Lower Upper
101 100
85 42.1 35.0 52.6
151 70.2 58.1 87.1

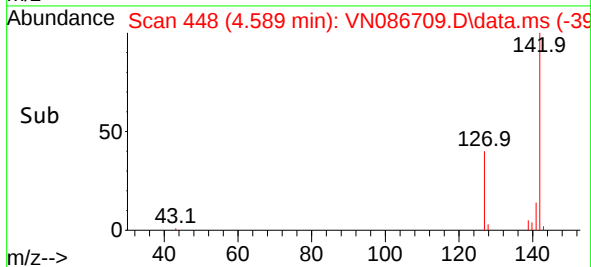
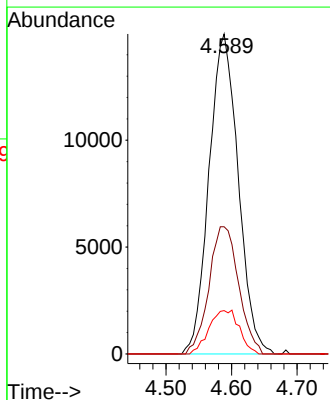
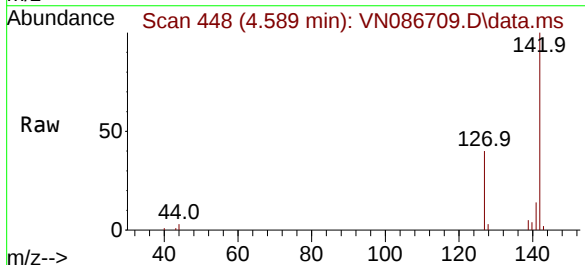
Manual Integrations
APPROVED

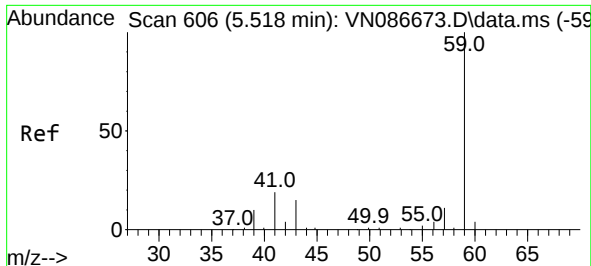
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 16.808 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

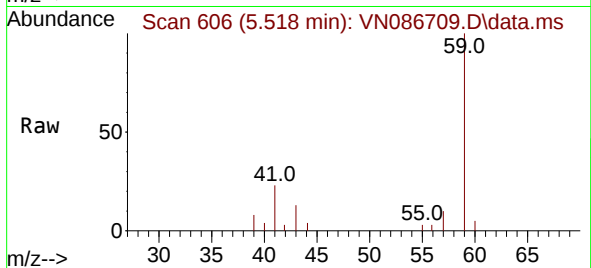
Tgt Ion:142 Resp: 46259
Ion Ratio Lower Upper
142 100
127 39.8 32.4 48.6
141 13.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 81.447 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

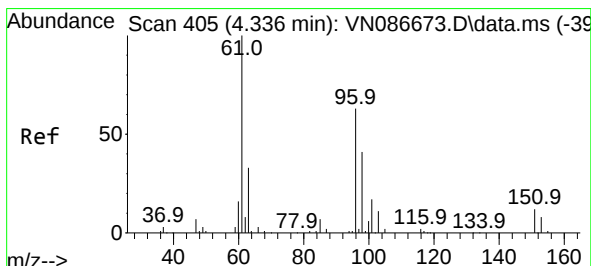
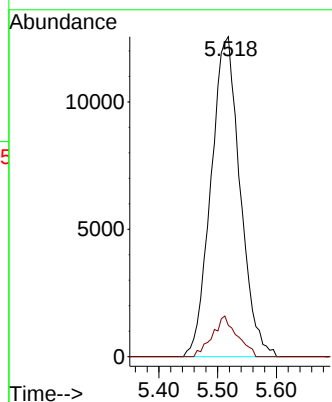
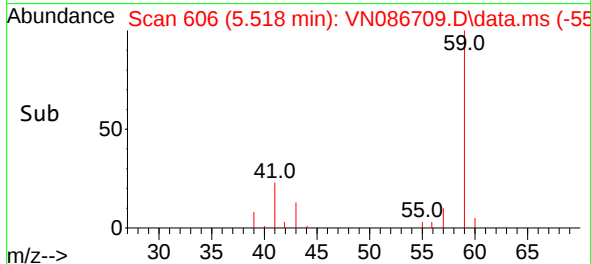
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



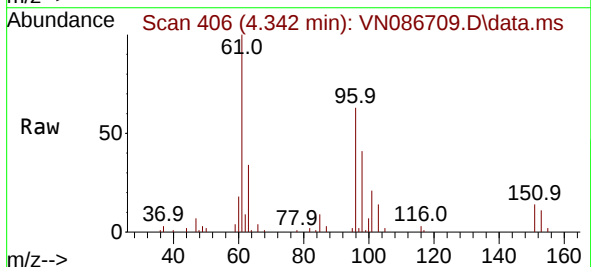
Tgt Ion: 59 Resp: 4321
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

Manual Integrations
APPROVED

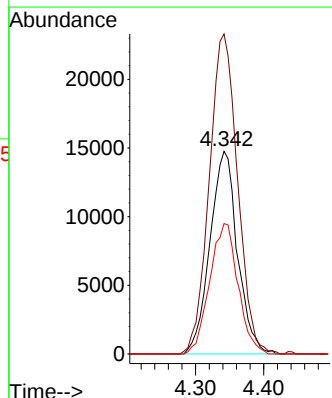
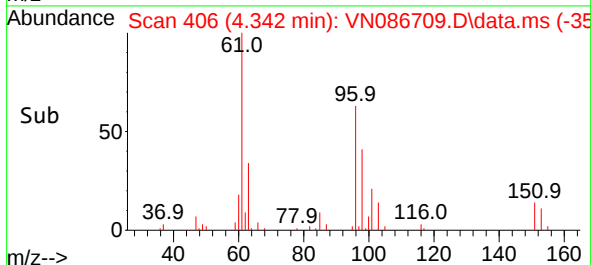
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#12
1,1-Dichloroethene
Concen: 17.626 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



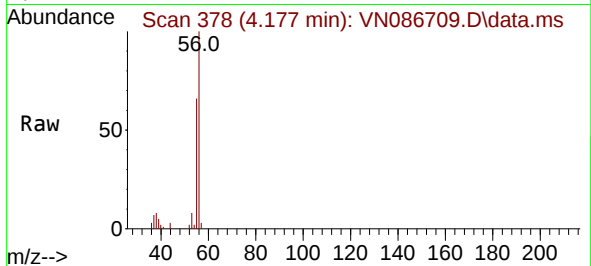
Tgt Ion: 96 Resp: 41445
Ion Ratio Lower Upper
96 100
61 158.0 126.2 189.2
98 64.4 51.5 77.3





#13
Acrolein
Concen: 88.534 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

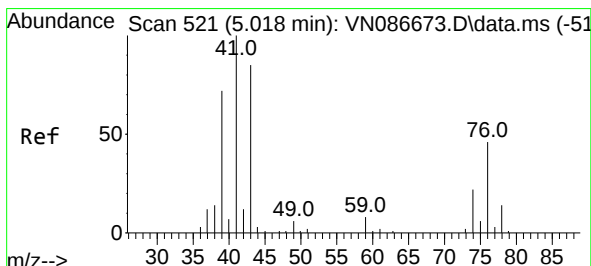
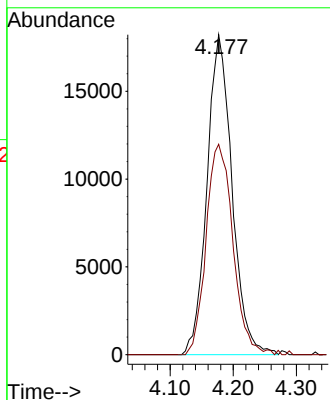
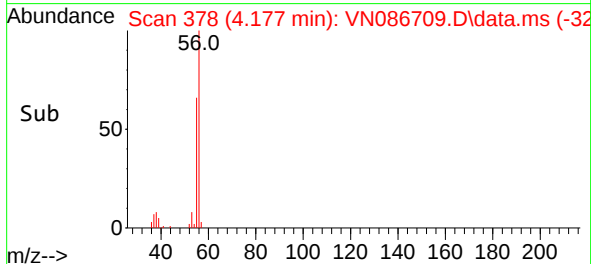
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



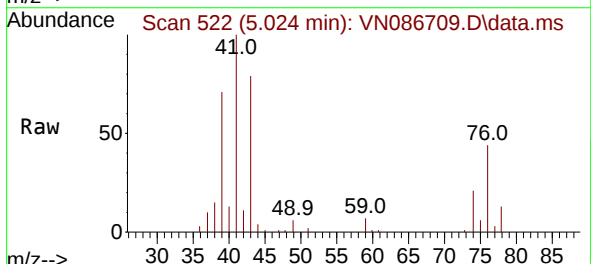
Tgt Ion: 56 Resp: 5021
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

Manual Integrations
APPROVED

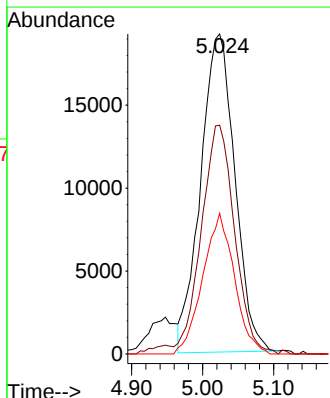
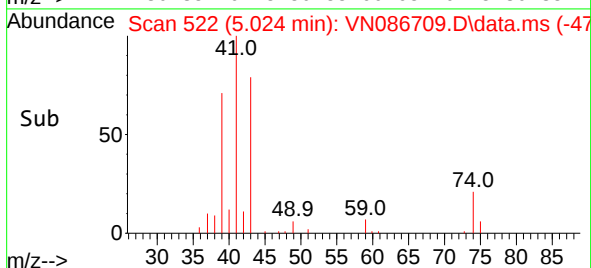
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

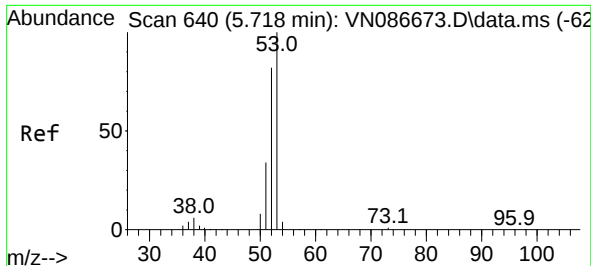


#14
Allyl chloride
Concen: 18.053 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



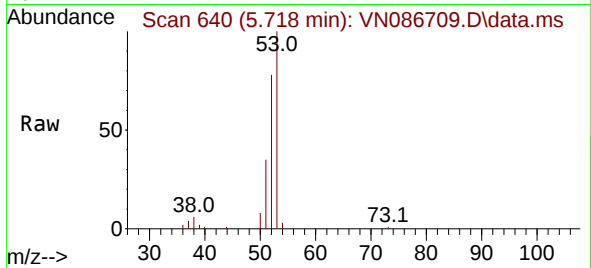
Tgt Ion: 41 Resp: 64250
Ion Ratio Lower Upper
41 100
39 69.7 57.4 86.0
76 40.8 33.2 49.8





#15
Acrylonitrile
Concen: 90.523 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

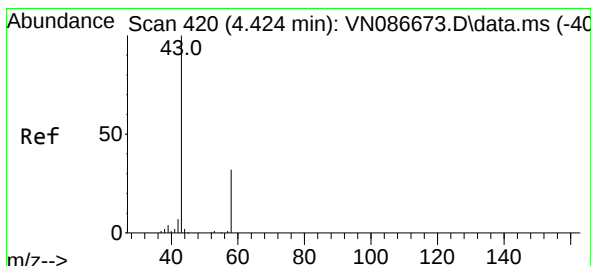
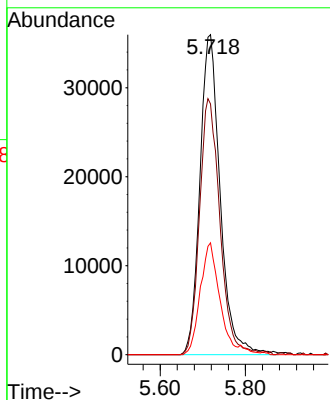
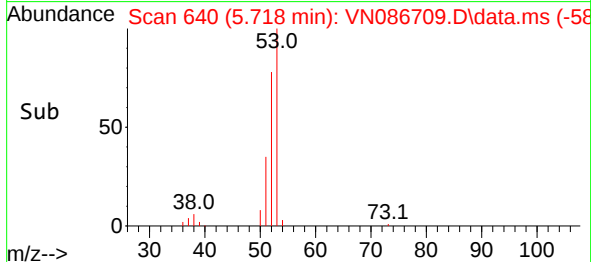
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 53 Resp: 118912
Ion Ratio Lower Upper
53 100
52 80.4 65.4 98.2
51 33.1 27.9 41.9

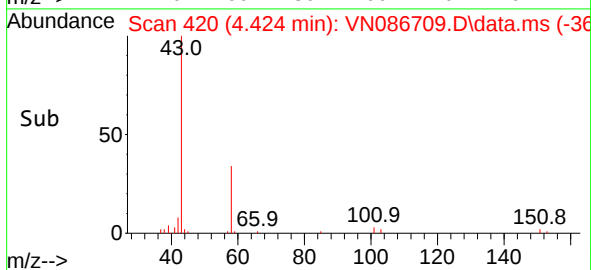
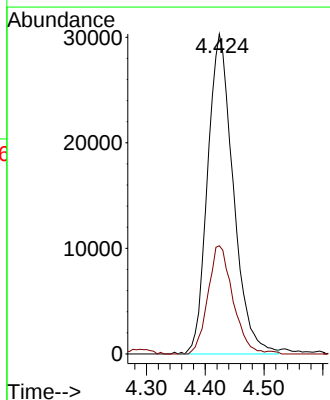
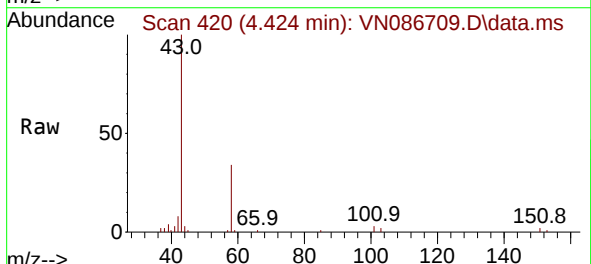
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 84.167 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

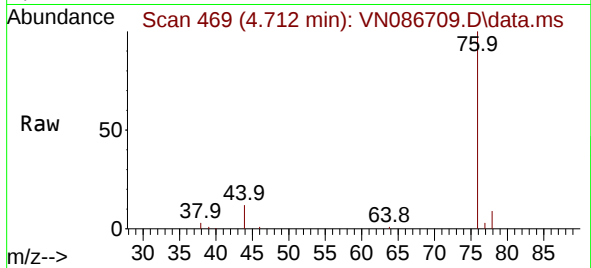
Tgt Ion: 43 Resp: 91715
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6





#17
Carbon Disulfide
Concen: 18.352 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

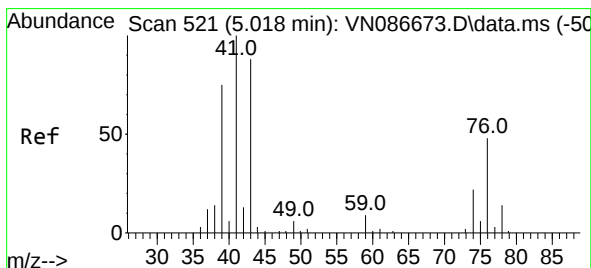
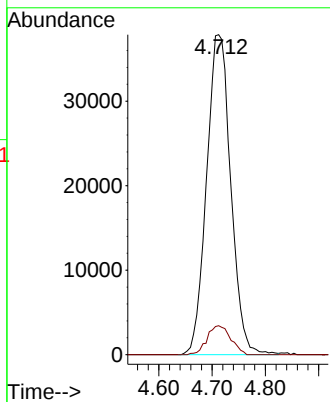
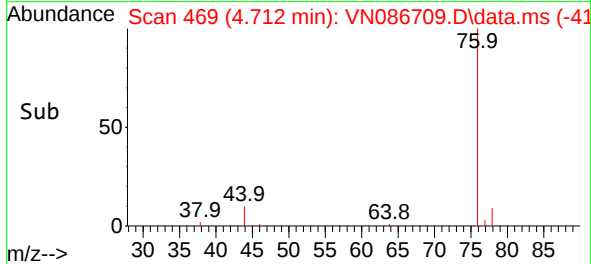
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 76 Resp: 119474
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

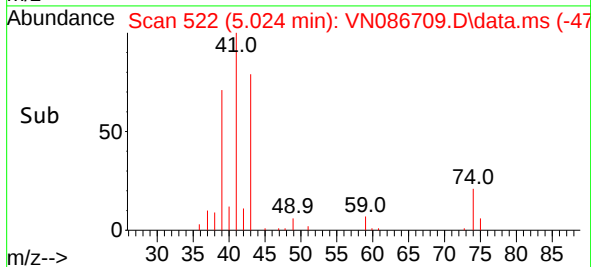
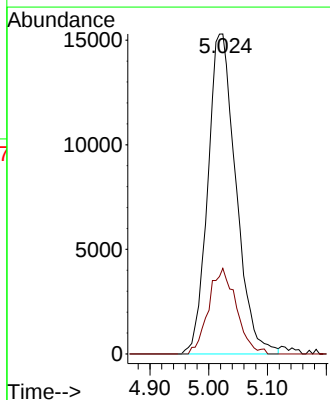
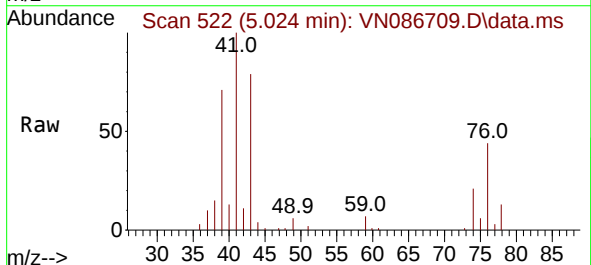
Manual Integrations
APPROVED

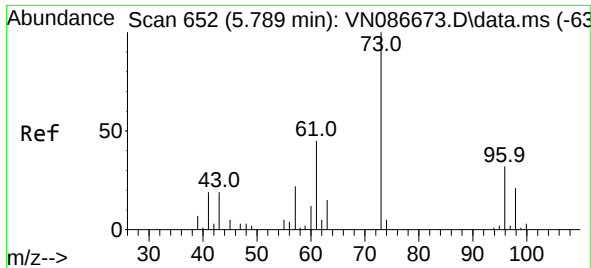
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 16.654 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion: 43 Resp: 50794
Ion Ratio Lower Upper
43 100
74 26.3 20.5 30.7





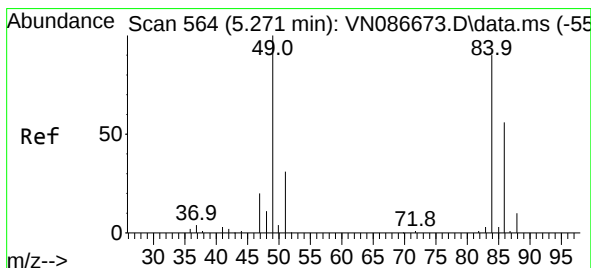
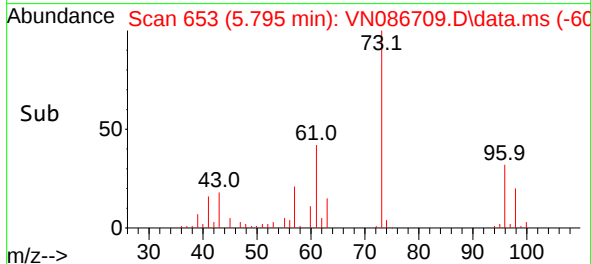
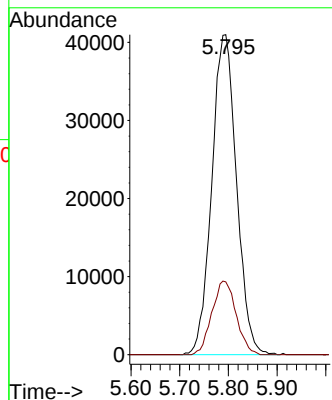
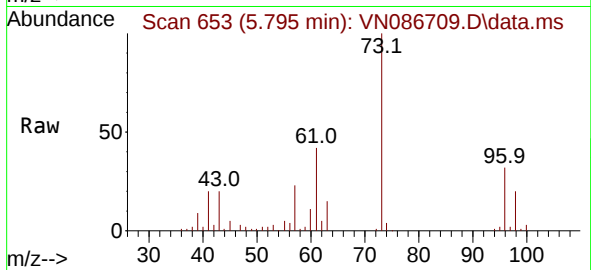
#19
Methyl tert-butyl Ether
Concen: 18.045 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 73 Resp: 144479
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

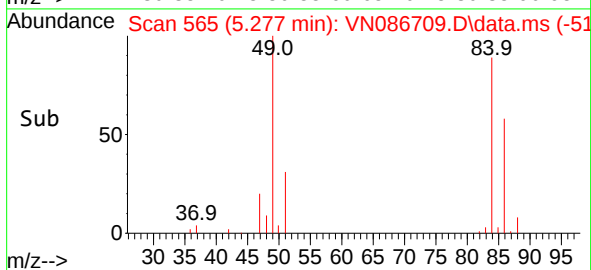
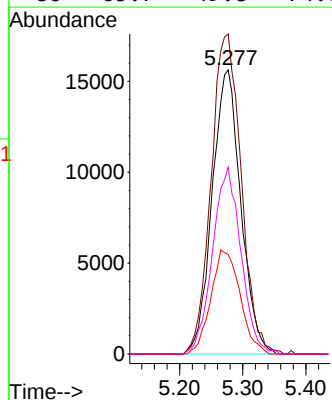
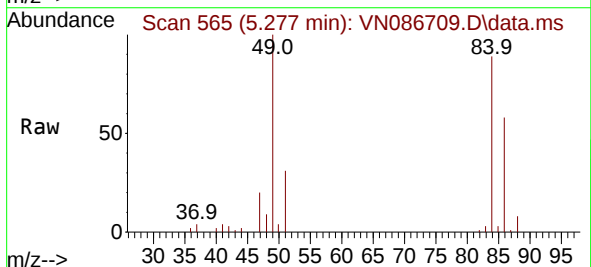
Manual Integrations
APPROVED

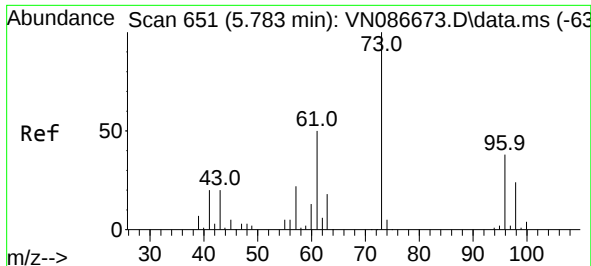
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 17.137 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

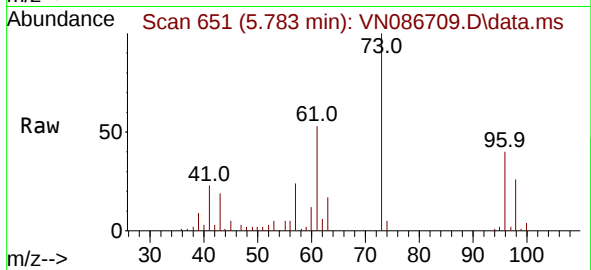
Tgt Ion: 84 Resp: 49279
Ion Ratio Lower Upper
84 100
49 112.7 88.8 133.2
51 35.1 27.8 41.6
86 65.7 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 18.129 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

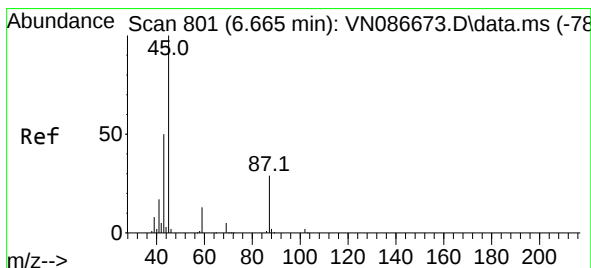
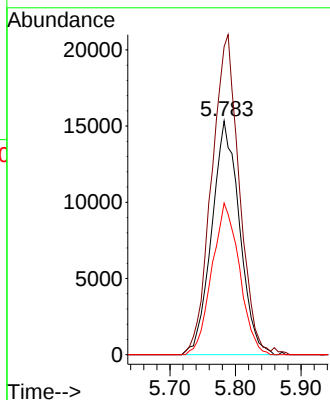
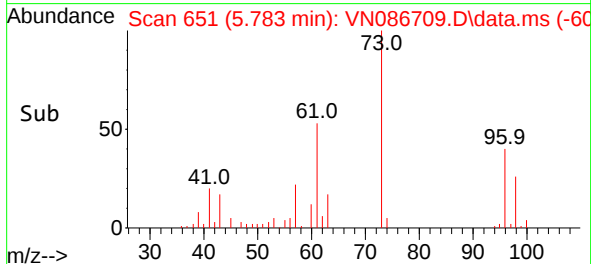
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 96 Resp: 45069
Ion Ratio Lower Upper
96 100
61 131.7 105.7 158.5
98 64.8 51.0 76.6

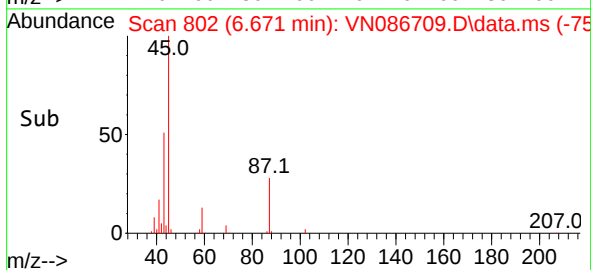
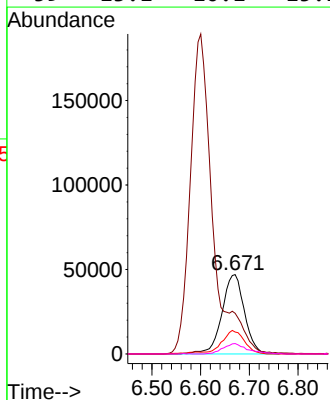
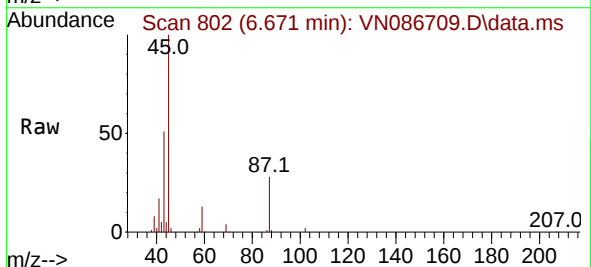
Manual Integrations
APPROVED

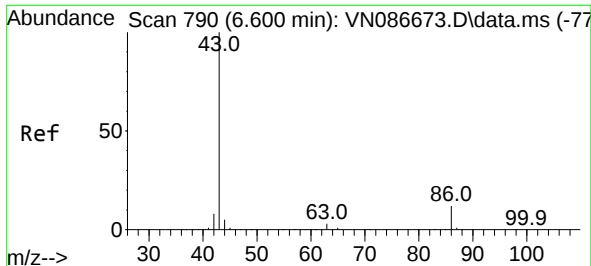
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 18.767 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion: 45 Resp: 150689
Ion Ratio Lower Upper
45 100
43 49.9 41.4 62.2
87 27.6 22.9 34.3
59 13.1 10.1 15.1





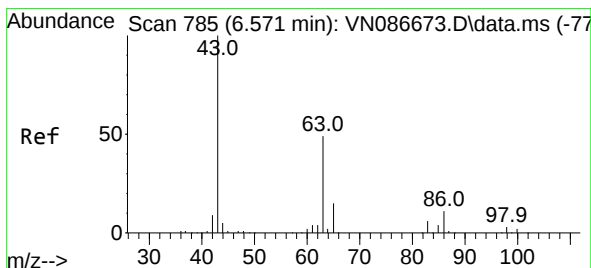
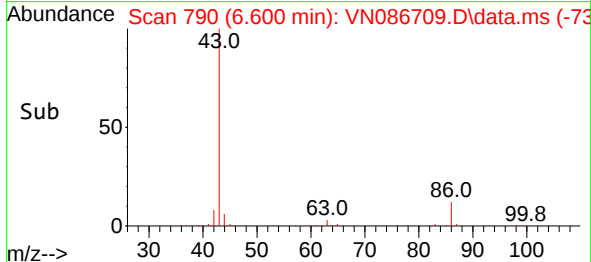
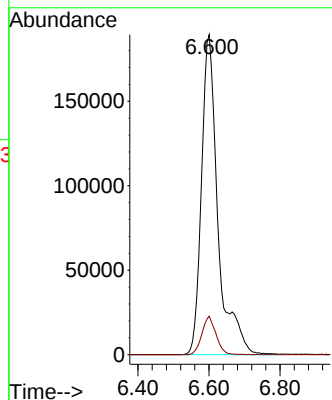
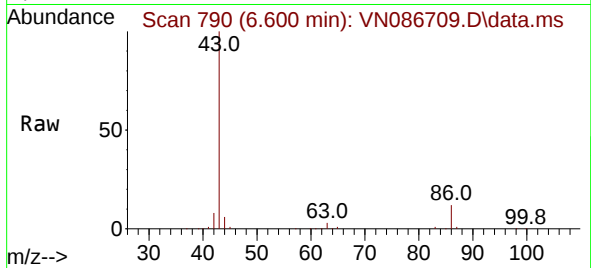
#23
 Vinyl Acetate
 Concen: 101.320 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Tgt Ion: 43 Resp: 61142
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.5 14.3

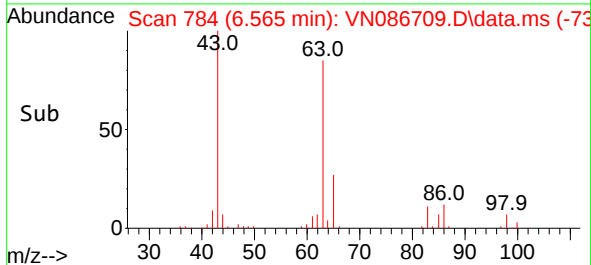
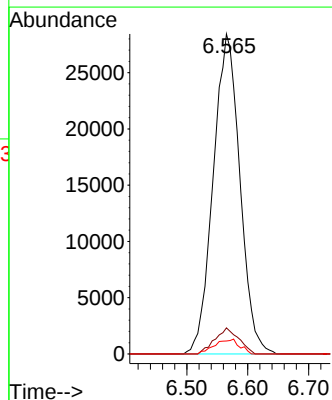
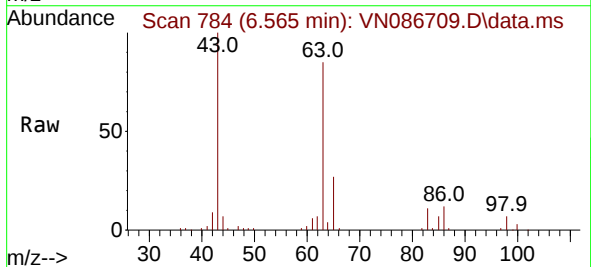
Manual Integrations
 APPROVED

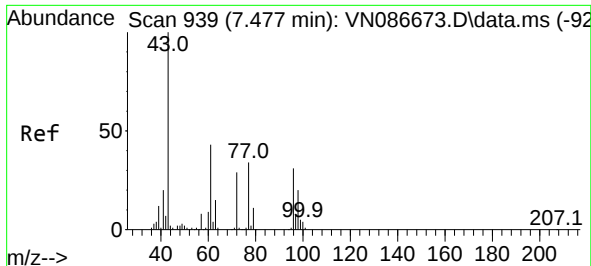
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#24
 1,1-Dichloroethane
 Concen: 18.388 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

Tgt Ion: 63 Resp: 86683
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 4.1 2.4 7.1





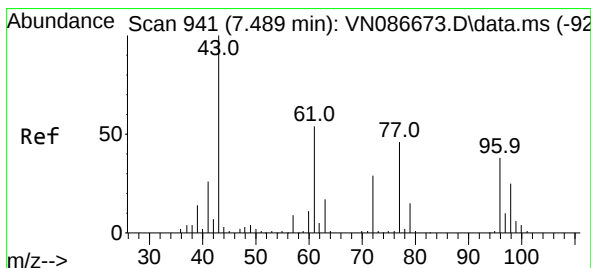
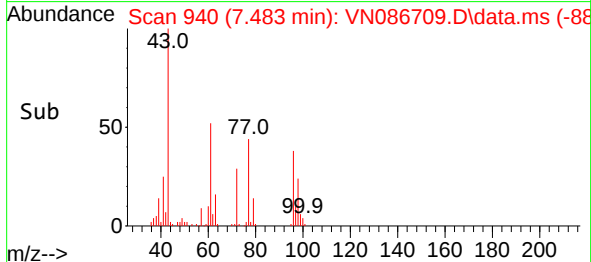
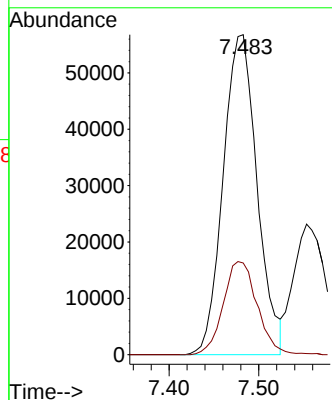
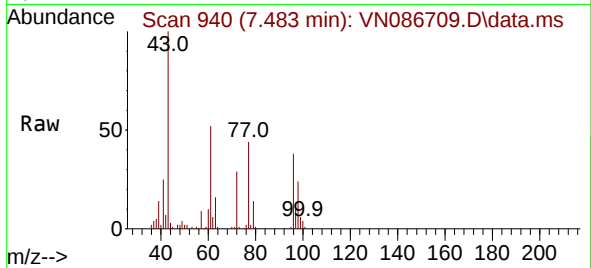
#25
2-Butanone
Concen: 88.606 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 43 Resp: 14920
Ion Ratio Lower Upper
43 100
72 28.7 23.1 34.7

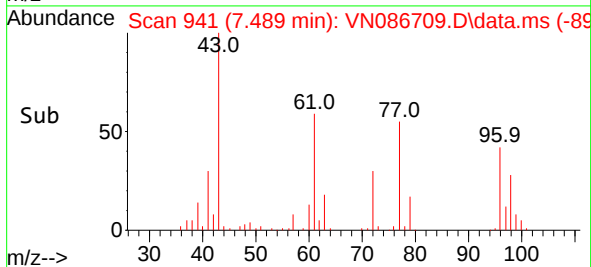
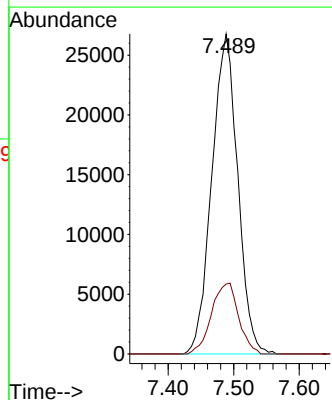
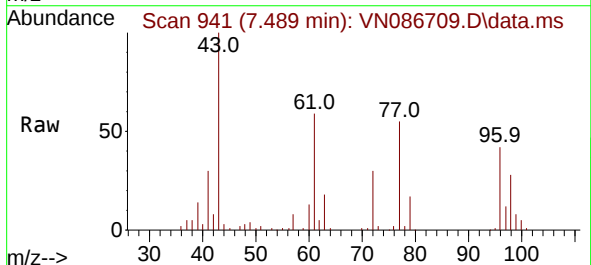
Manual Integrations
APPROVED

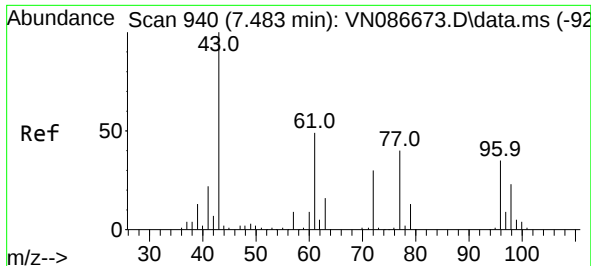
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 18.843 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

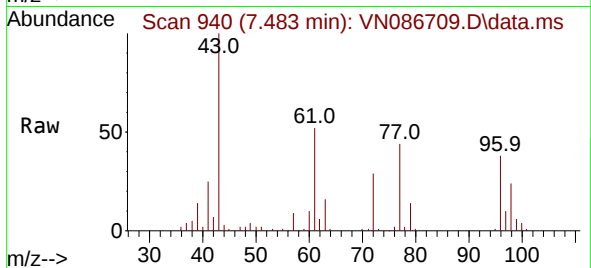
Tgt Ion: 77 Resp: 73306
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.069 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

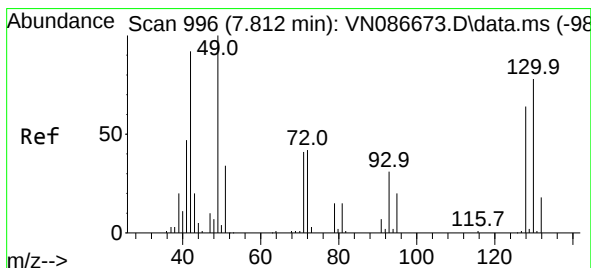
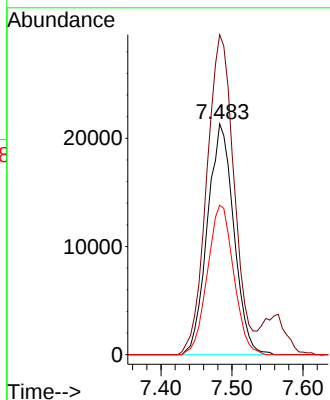
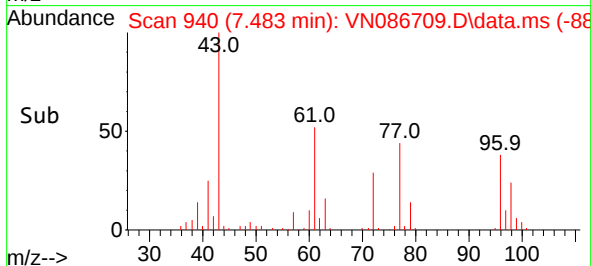
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01



Tgt Ion: 96 Resp: 55138
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 277.4
 98 64.2 0.0 129.6

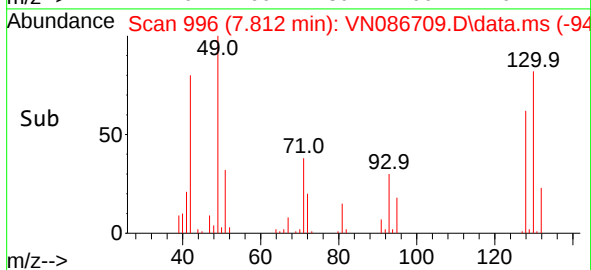
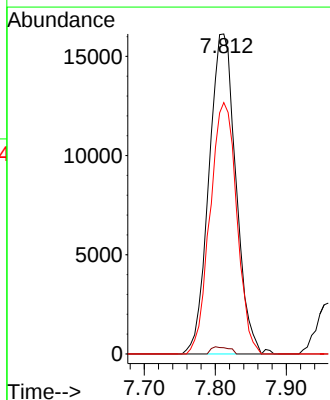
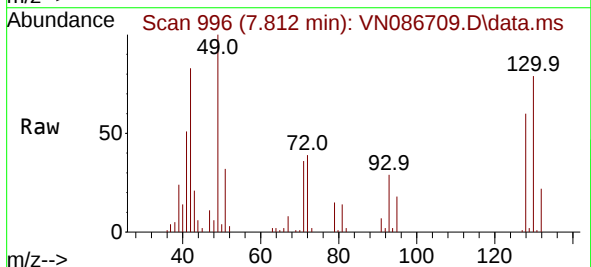
Manual Integrations
 APPROVED

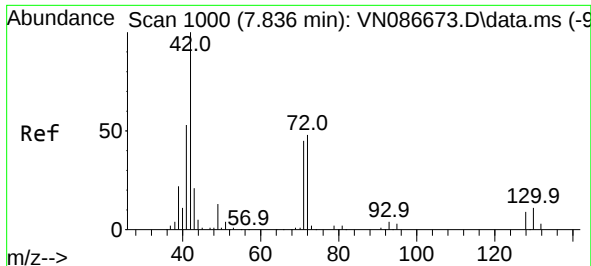
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#28
 Bromochloromethane
 Concen: 19.829 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

Tgt Ion: 49 Resp: 42471
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 77.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 90.063 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

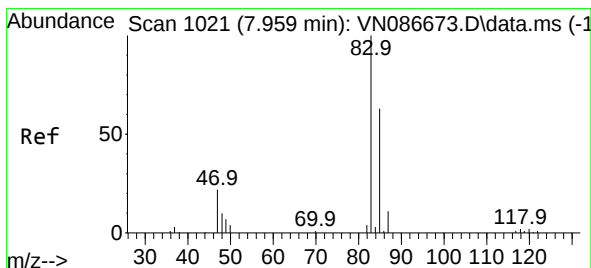
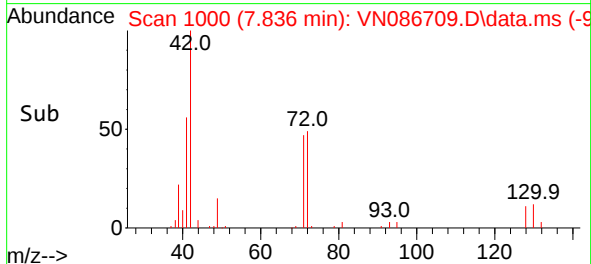
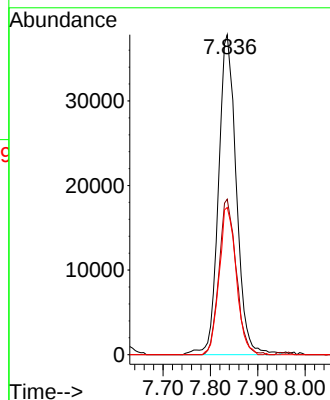
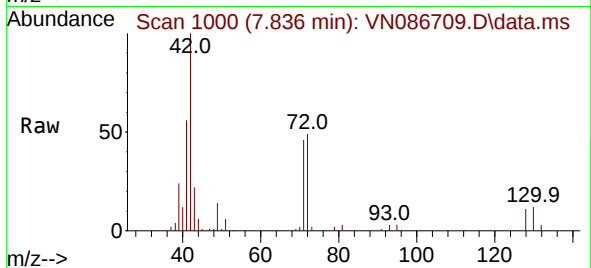
Tgt Ion:	42	Resp:	9898
Ion Ratio	Lower	Upper	
42	100		
72	47.0	38.7	58.1
71	44.2	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 18.286 ug/l

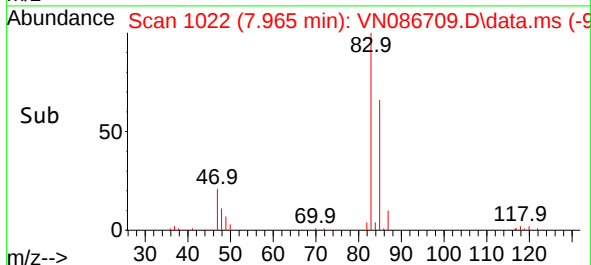
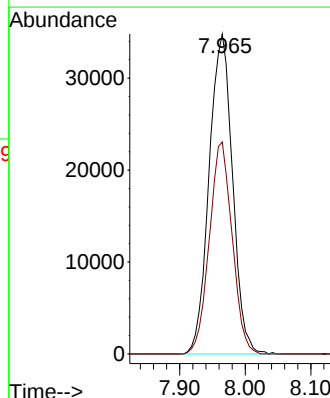
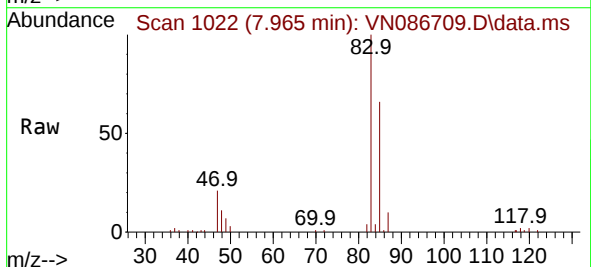
RT: 7.965 min Scan# 1022

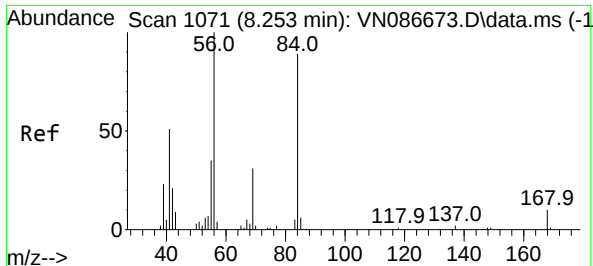
Delta R.T. 0.006 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

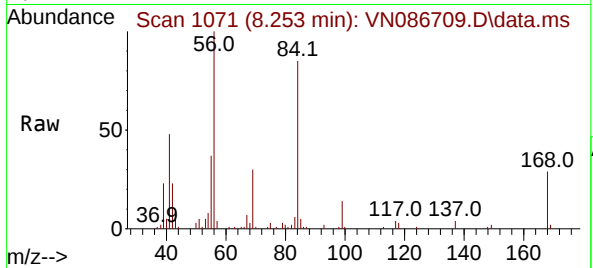
Tgt Ion:	83	Resp:	86282
Ion Ratio	Lower	Upper	
83	100		
85	66.2	50.2	75.4





#31
Cyclohexane
Concen: 17.941 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

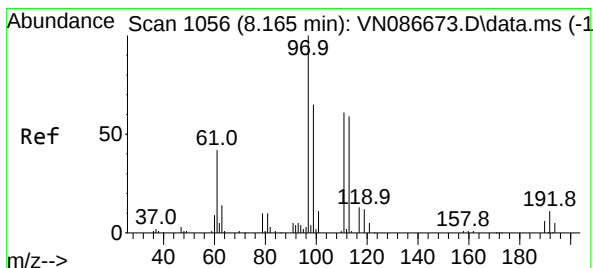
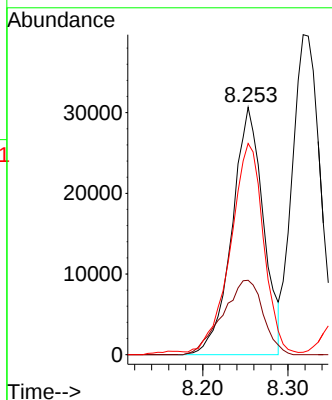
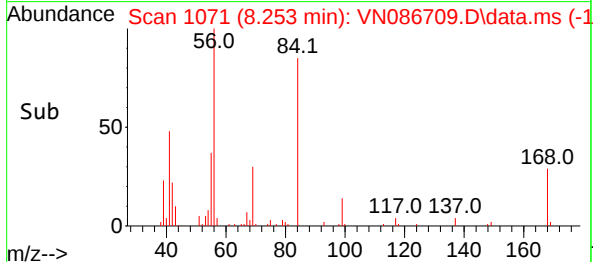
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



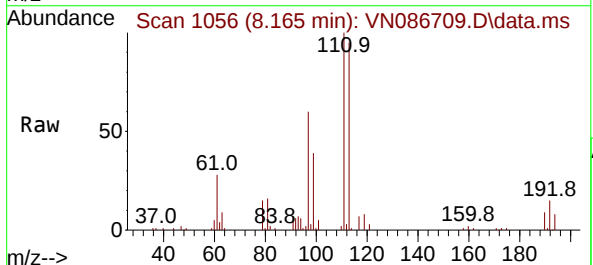
Tgt Ion: 56 Resp: 78440
Ion Ratio Lower Upper
56 100
69 30.1 25.0 37.6
84 84.0 71.0 106.4

Manual Integrations
APPROVED

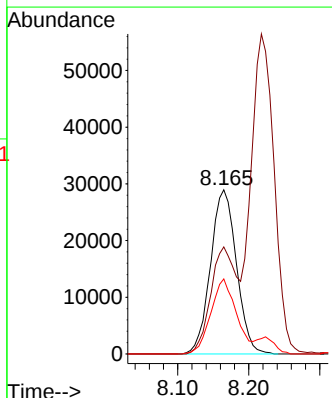
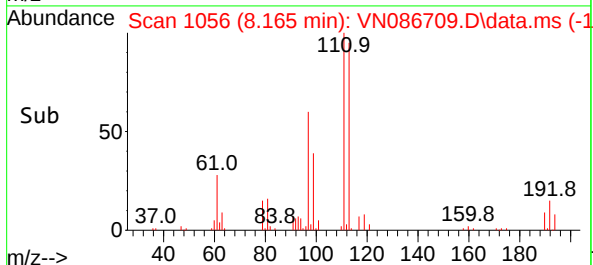
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

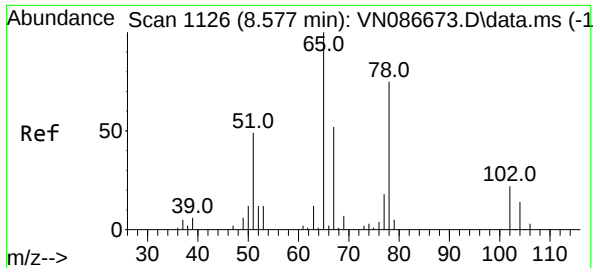


#32
1,1,1-Trichloroethane
Concen: 18.421 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



Tgt Ion: 97 Resp: 73283
Ion Ratio Lower Upper
97 100
99 66.1 52.6 79.0
61 45.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 48.148 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 65 Resp: 140259

Ion Ratio Lower Upper

65 100

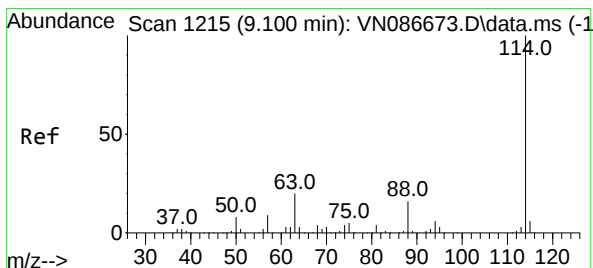
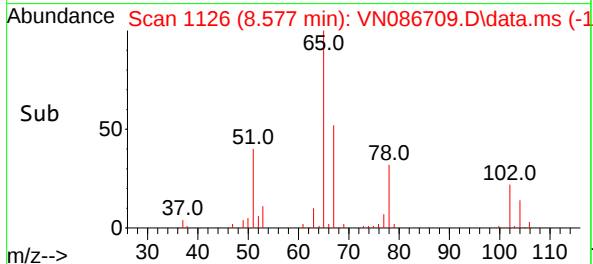
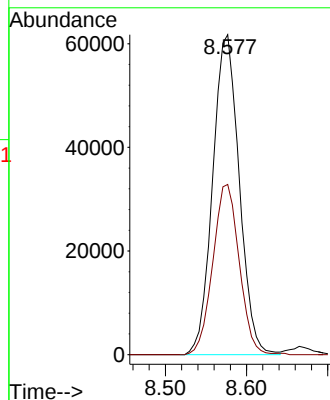
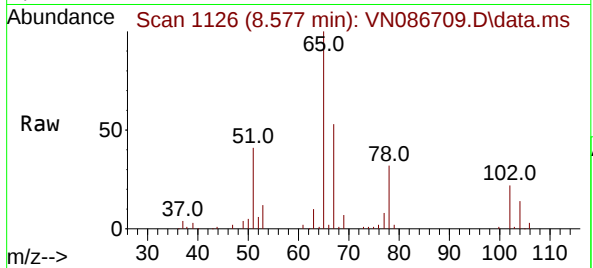
67 53.0 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

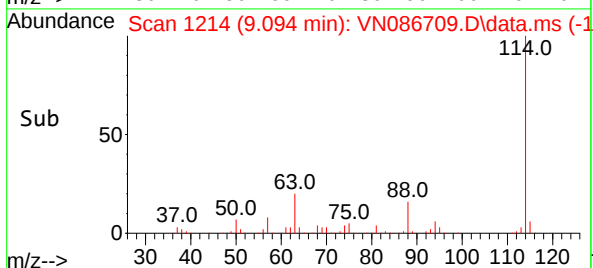
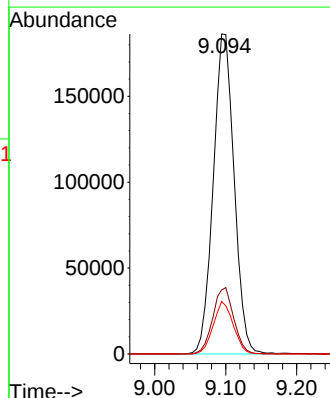
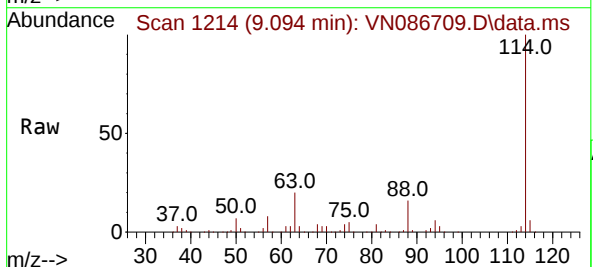
Tgt Ion:114 Resp: 380561

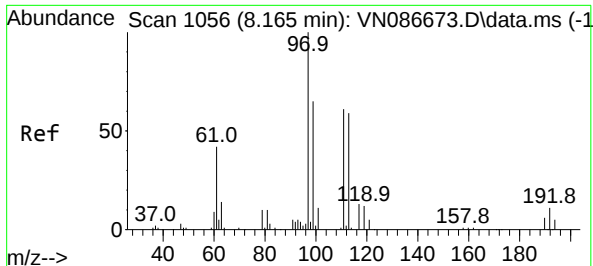
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.744 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

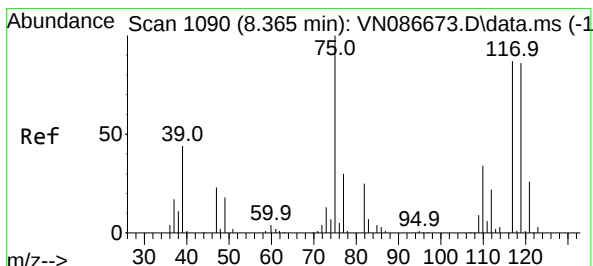
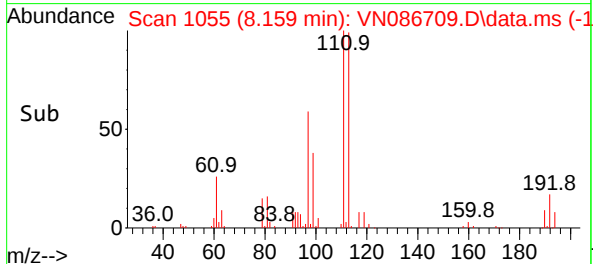
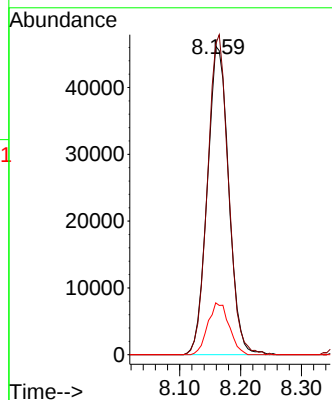
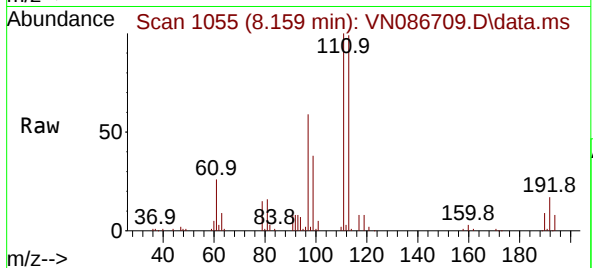
Tgt Ion:	113	Resp:	112739
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.2
192	16.6	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#36

1,1-Dichloropropene

Concen: 18.483 ug/l

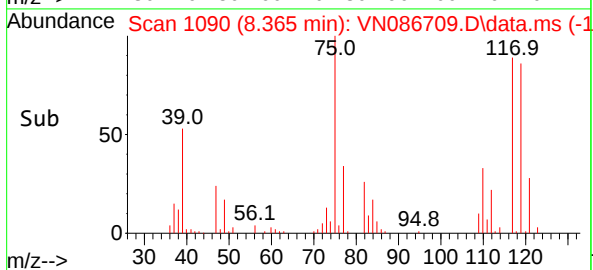
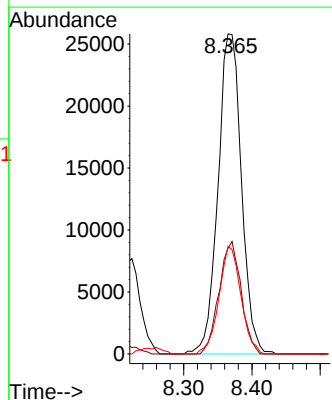
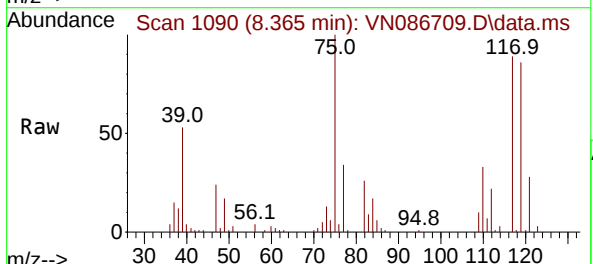
RT: 8.365 min Scan# 1090

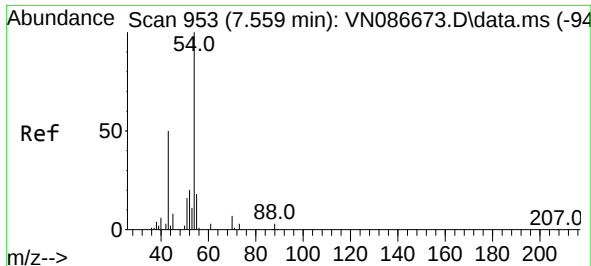
Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Tgt Ion:	75	Resp:	61790
Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.5	52.5
77	31.5	25.1	37.7





#37

Ethyl Acetate

Concen: 17.662 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 43 Resp: 5964

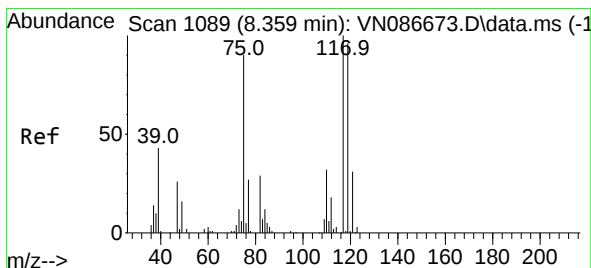
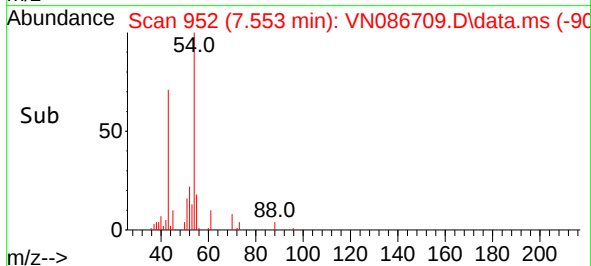
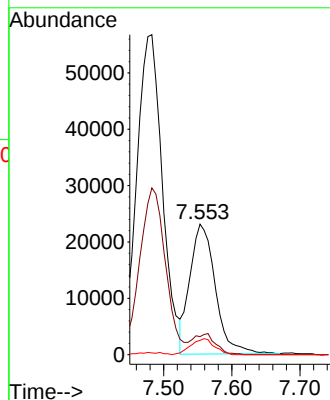
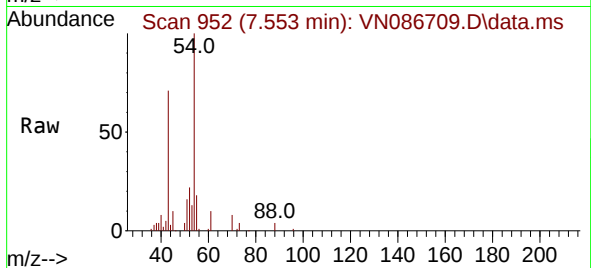
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.6	17.4
70	11.4	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#38

Carbon Tetrachloride

Concen: 18.465 ug/l

RT: 8.359 min Scan# 1089

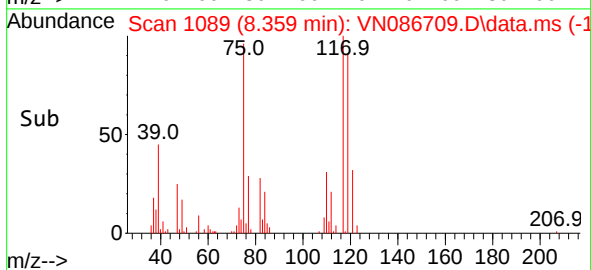
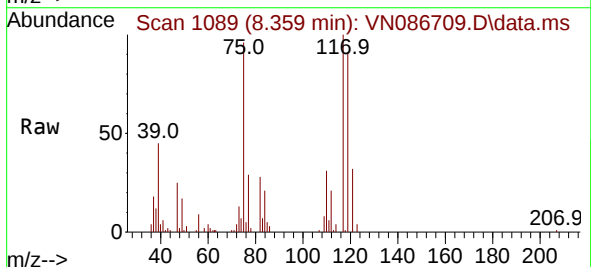
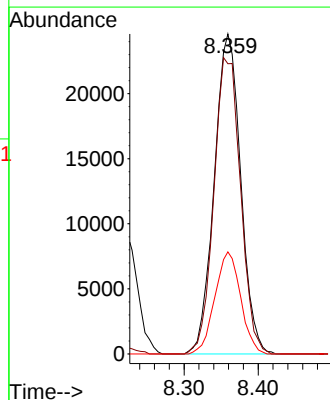
Delta R.T. -0.000 min

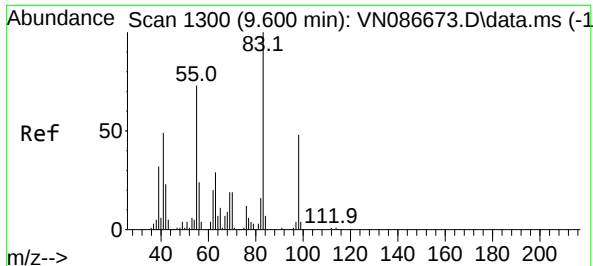
Lab File: VN086709.D

Acq: 20 May 2025 11:39

Tgt Ion:117 Resp: 60822

Ion	Ratio	Lower	Upper
117	100		
119	90.7	77.0	115.6
121	31.9	25.0	37.6





#39

Methylcyclohexane

Concen: 18.328 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

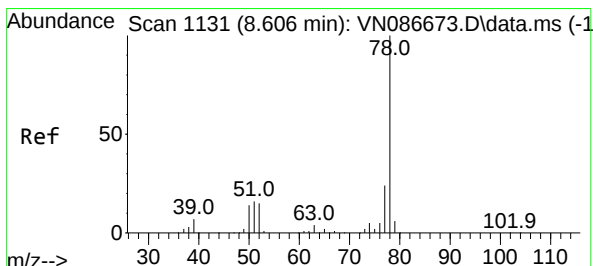
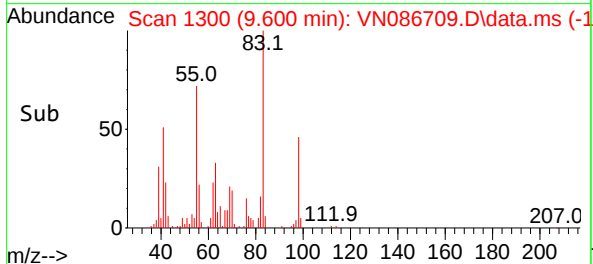
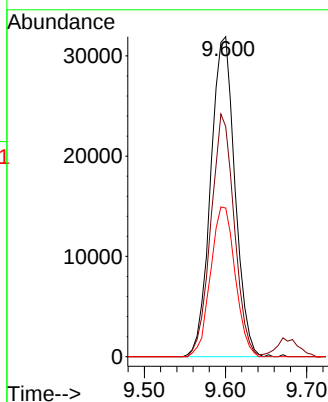
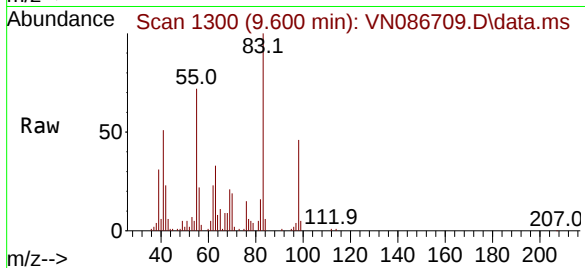
Tgt Ion: 83	Resp: 6631
Ion Ratio	Lower Upper
83 100	
55 71.9	58.2 87.4
98 46.5	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 18.653 ug/l

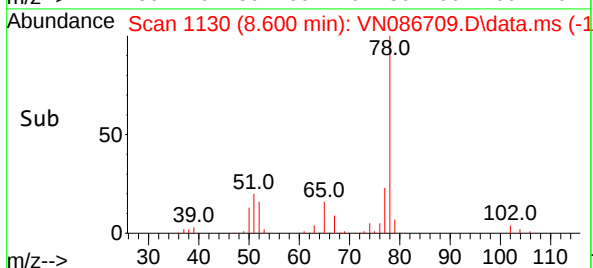
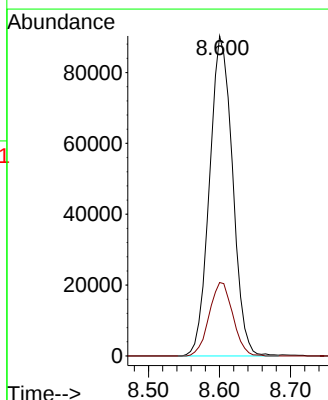
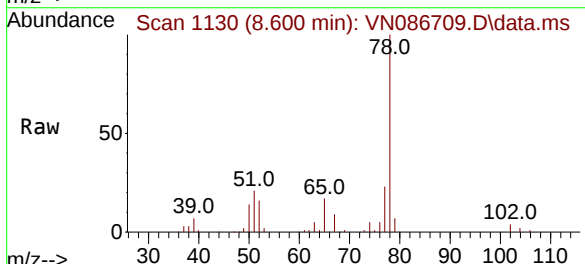
RT: 8.600 min Scan# 1130

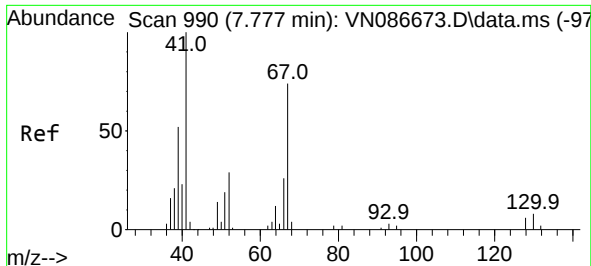
Delta R.T. -0.006 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

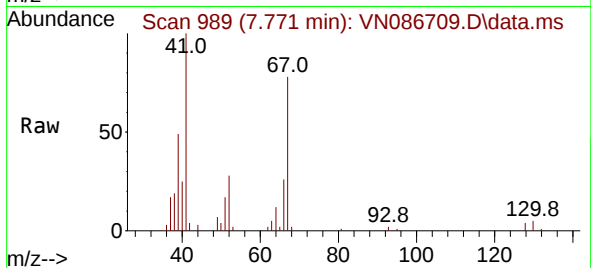
Tgt Ion: 78	Resp: 203421
Ion Ratio	Lower Upper
78 100	
77 23.0	19.1 28.7





#41
Methacrylonitrile
Concen: 18.183 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

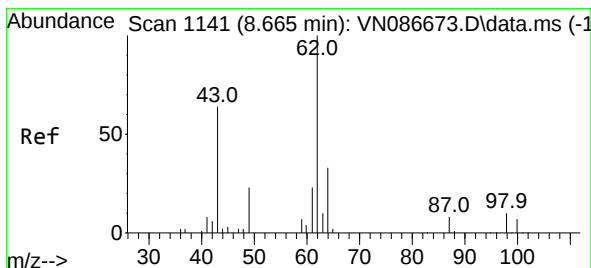
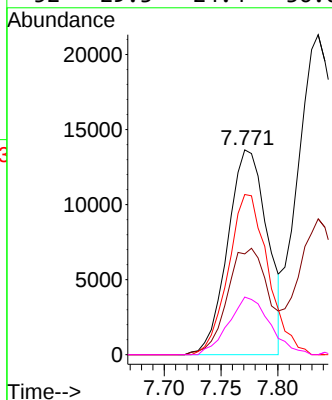
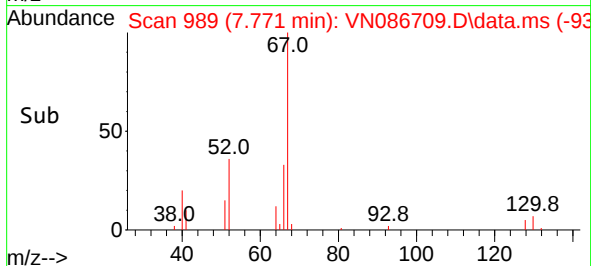
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion:	41	Resp:	3315
Ion Ratio	100	Lower	Upper
39	53.3	44.9	67.3
67	78.1	63.4	95.0
52	29.3	24.4	36.6

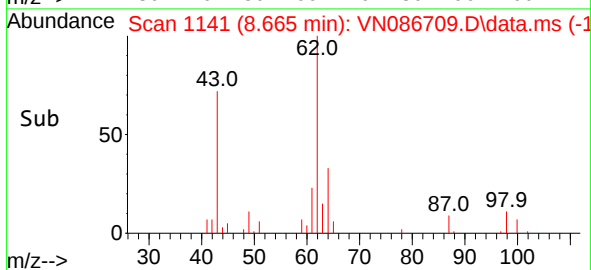
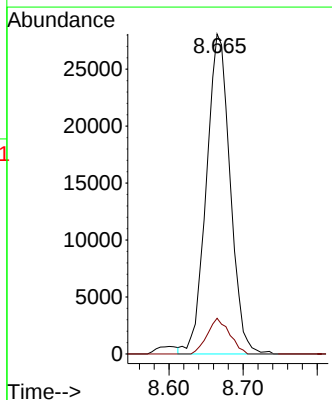
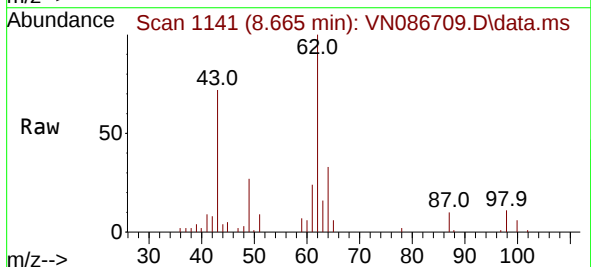
Manual Integrations
APPROVED

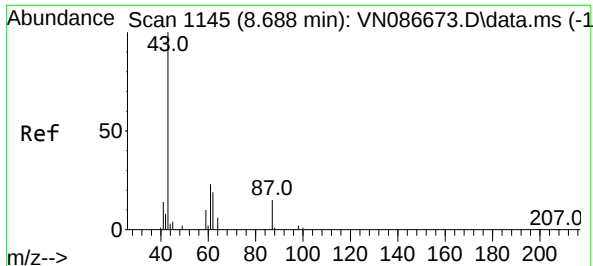
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
1,2-Dichloroethane
Concen: 18.437 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

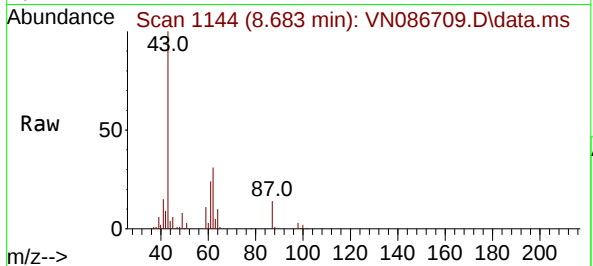
Tgt Ion:	62	Resp:	62642
Ion Ratio	100	Lower	Upper
98	10.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 16.549 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

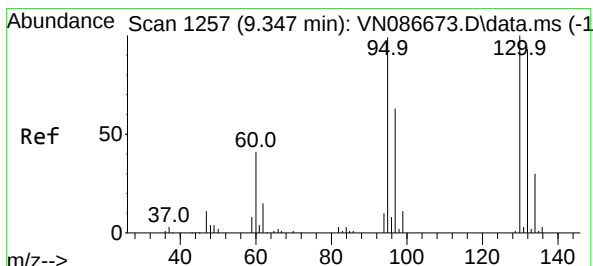
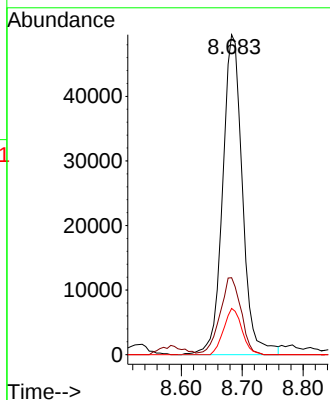
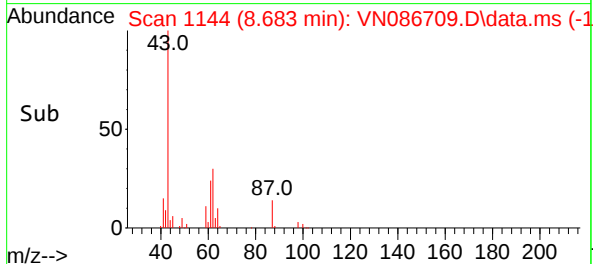
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 43 Resp: 112035
Ion Ratio Lower Upper
43 100
61 25.6 21.4 32.2
87 13.3 11.1 16.7

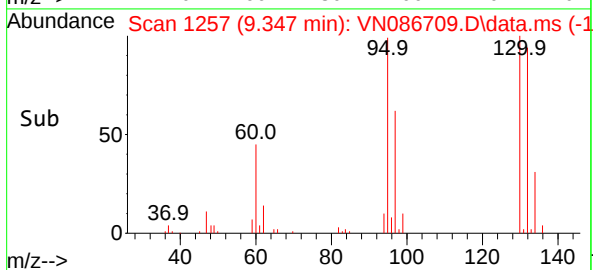
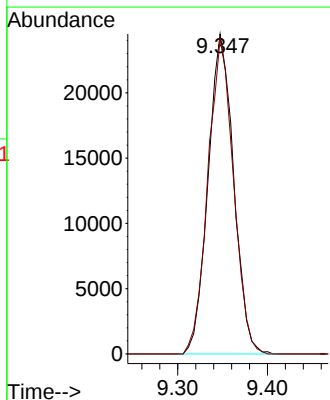
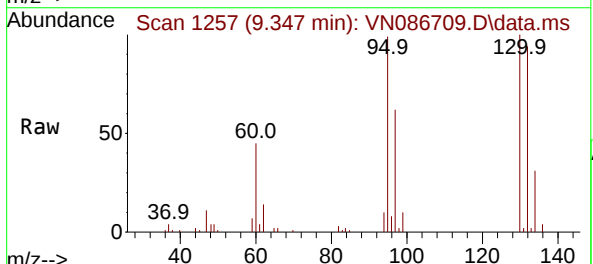
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
Trichloroethene
Concen: 18.404 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion:130 Resp: 48409
Ion Ratio Lower Upper
130 100
95 98.6 0.0 197.0





#45

1,2-Dichloropropane

Concen: 18.702 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 63 Resp: 4845

Ion Ratio Lower Upper

63 100

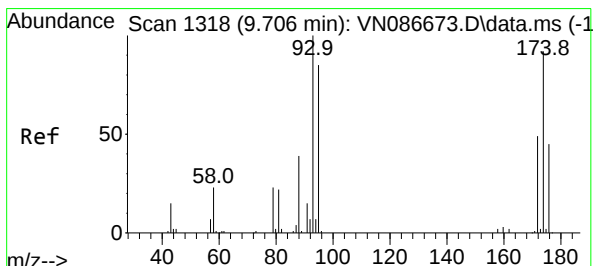
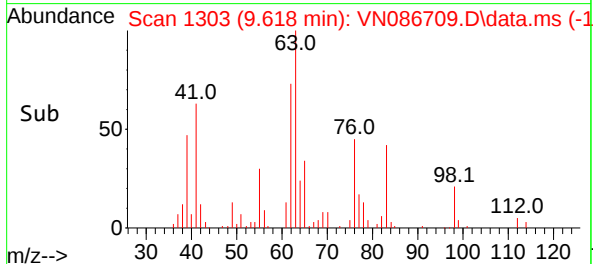
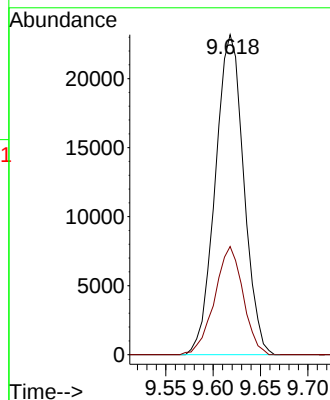
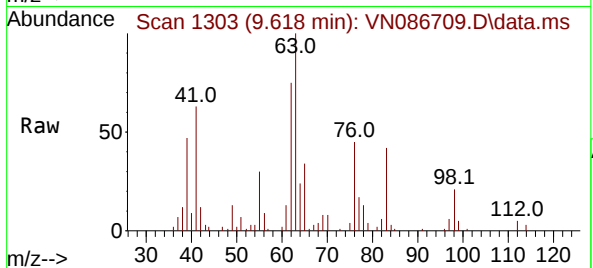
65 33.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#46

Dibromomethane

Concen: 18.454 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

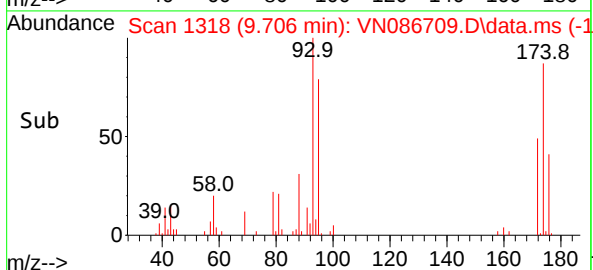
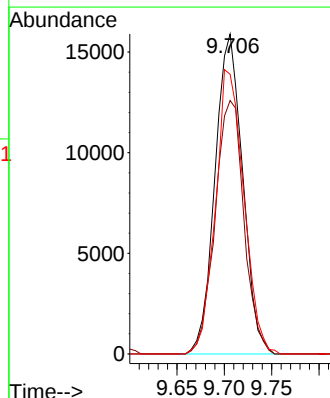
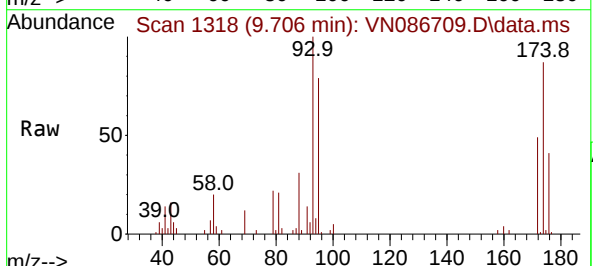
Tgt Ion: 93 Resp: 32260

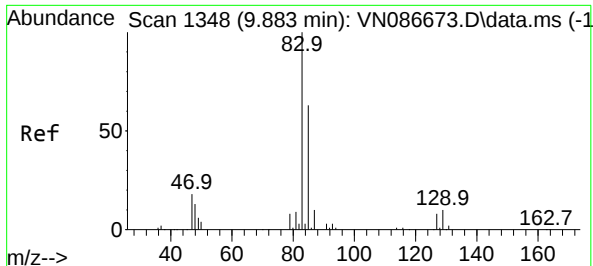
Ion Ratio Lower Upper

93 100

95 82.5 67.1 100.7

174 91.2 73.8 110.6





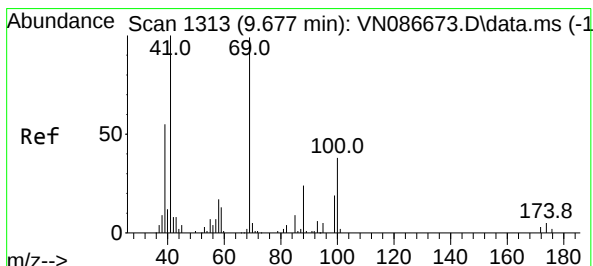
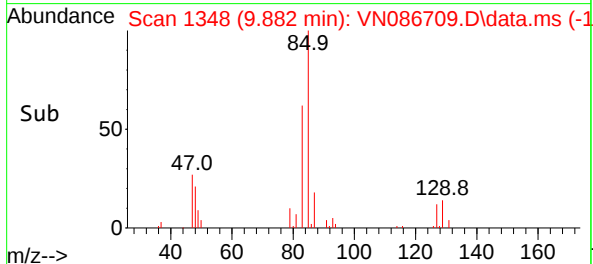
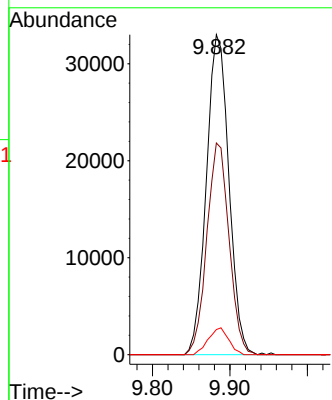
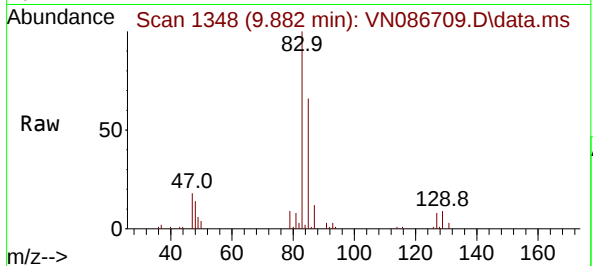
#47
Bromodichloromethane
Concen: 18.497 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 83 Resp: 6662
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1
127 7.9 6.2 9.4

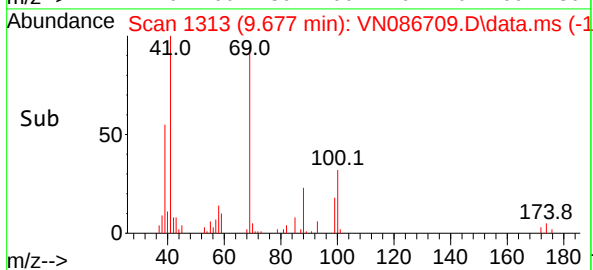
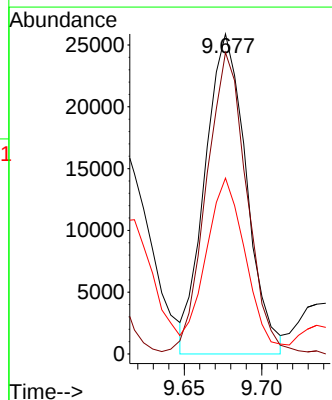
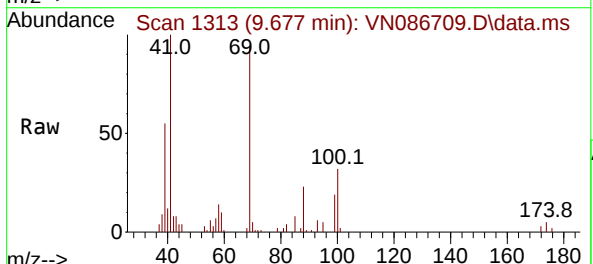
Manual Integrations
APPROVED

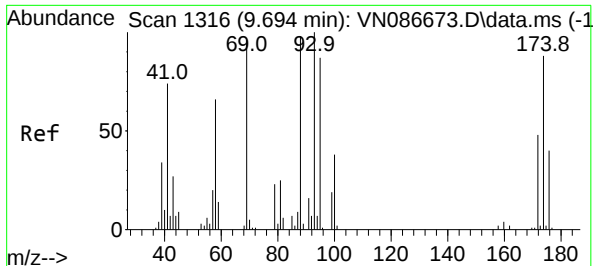
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#48
Methyl methacrylate
Concen: 18.263 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion: 41 Resp: 47908
Ion Ratio Lower Upper
41 100
69 92.9 74.1 111.1
39 54.0 44.1 66.1





#49

1,4-Dioxane

Concen: 348.711 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 88 Resp: 19370

Ion Ratio Lower Upper

88 100

43 26.0 23.6 35.4

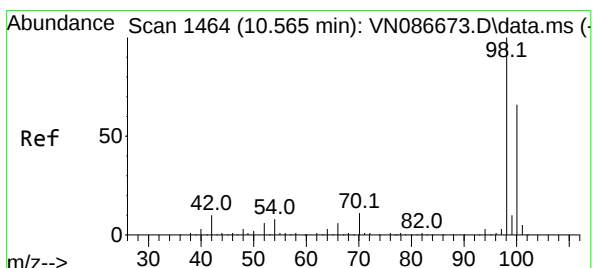
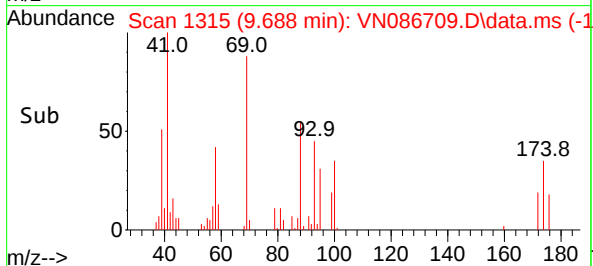
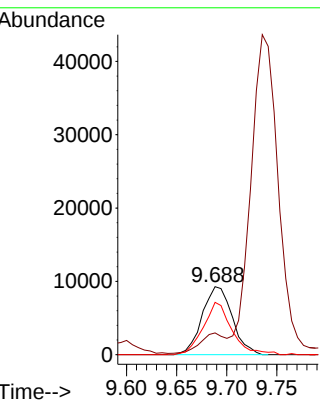
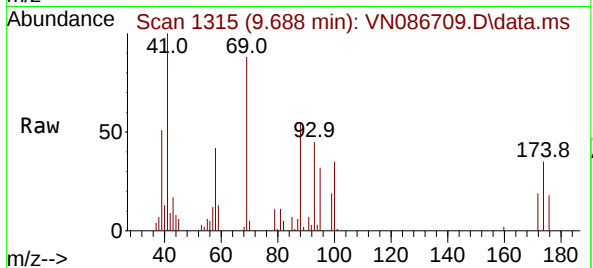
58 73.0 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#50

Toluene-d8

Concen: 48.837 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086709.D

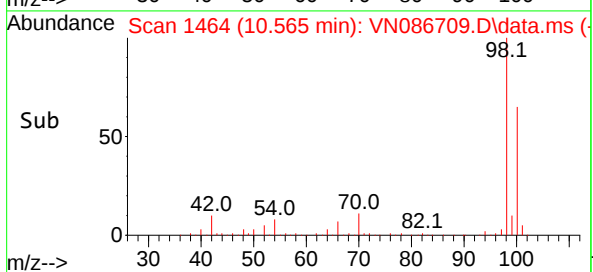
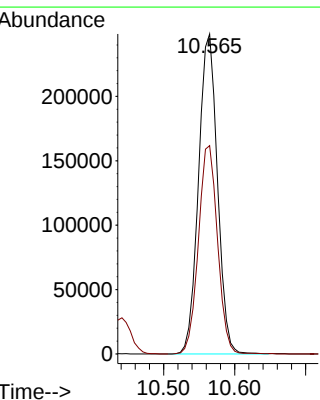
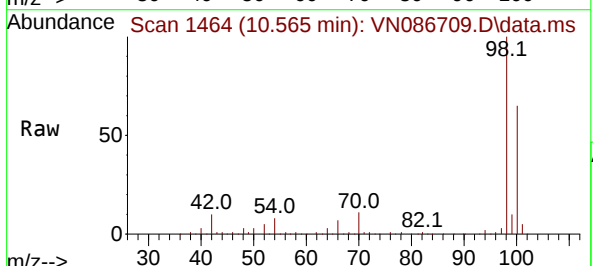
Acq: 20 May 2025 11:39

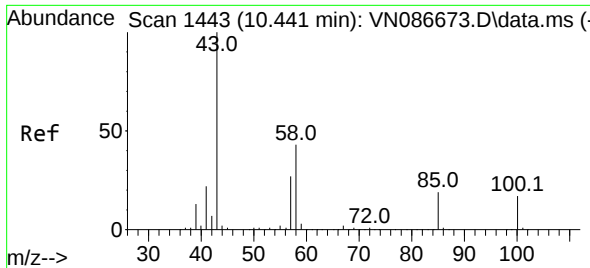
Tgt Ion: 98 Resp: 458681

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3





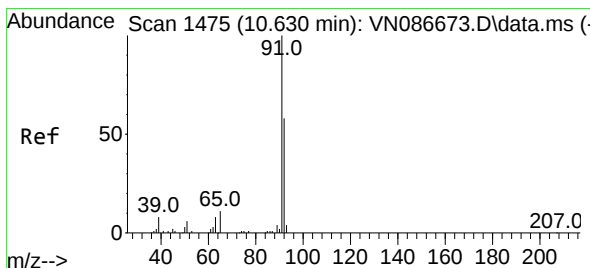
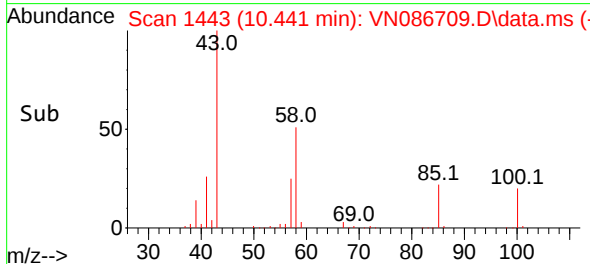
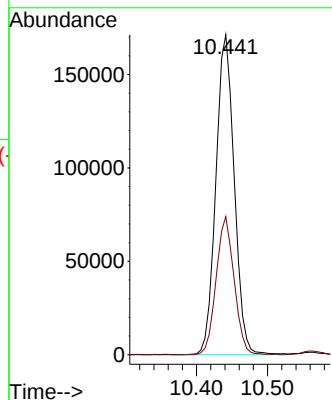
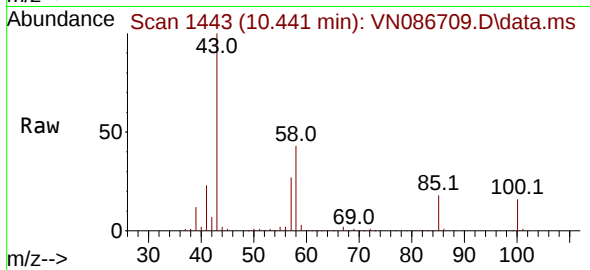
#51
4-Methyl-2-Pentanone
Concen: 89.795 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 43 Resp: 306554
Ion Ratio Lower Upper
43 100
58 42.2 33.9 50.9

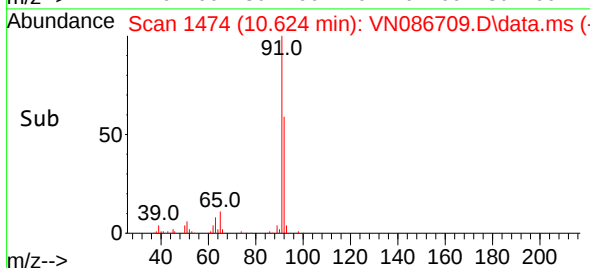
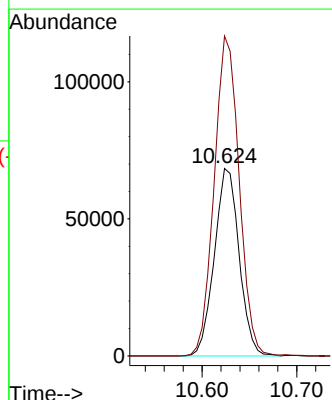
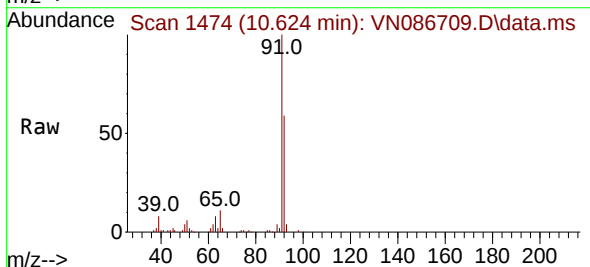
Manual Integrations
APPROVED

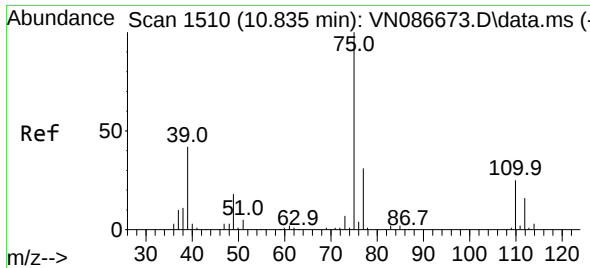
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 18.342 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

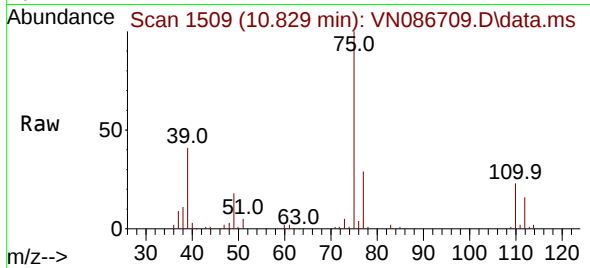
Tgt Ion: 92 Resp: 124320
Ion Ratio Lower Upper
92 100
91 172.4 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 18.914 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

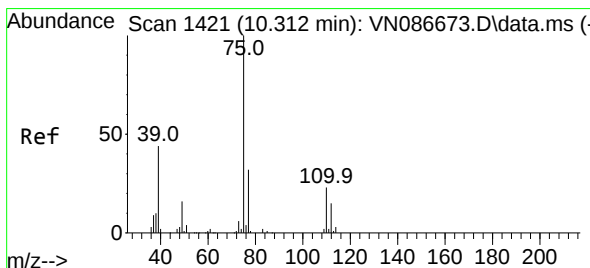
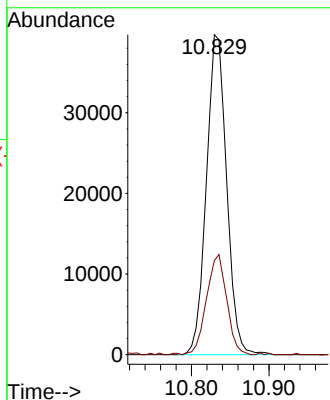
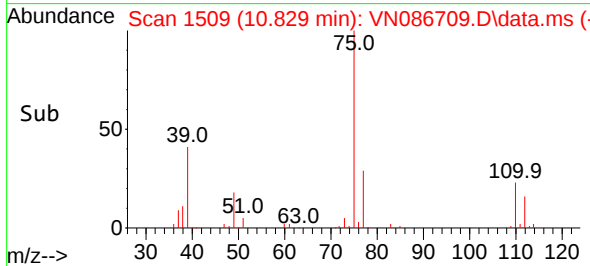
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 75 Resp: 72129
Ion Ratio Lower Upper
75 100
77 29.5 25.2 37.8

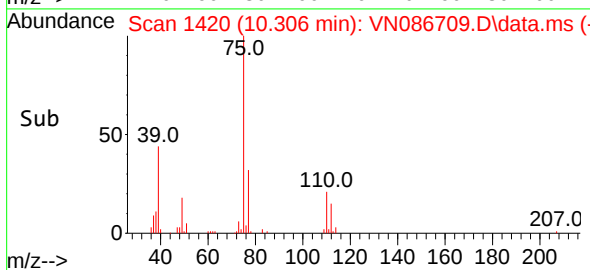
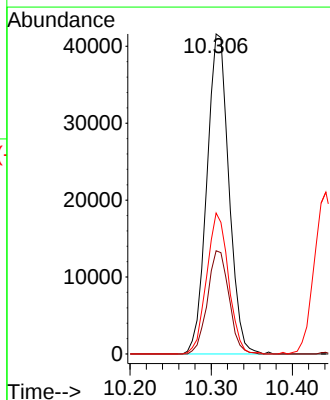
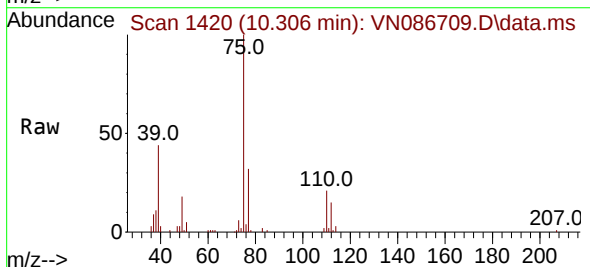
Manual Integrations
APPROVED

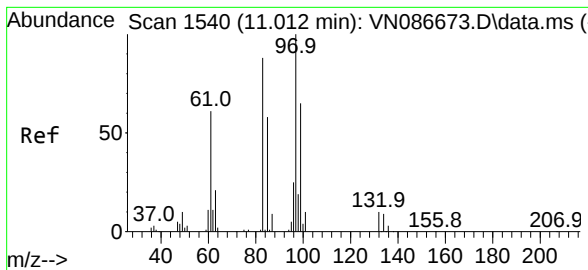
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#54
cis-1,3-Dichloropropene
Concen: 18.806 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

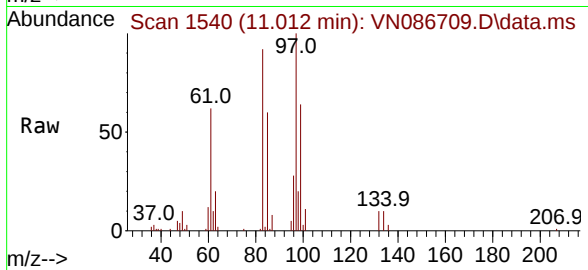
Tgt Ion: 75 Resp: 78288
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 44.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 17.789 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

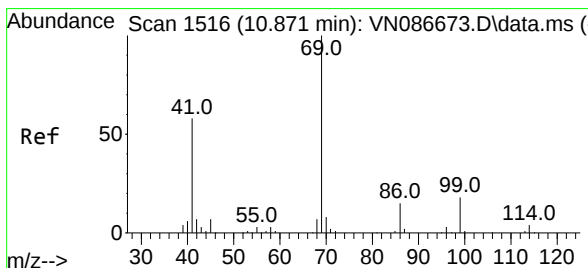
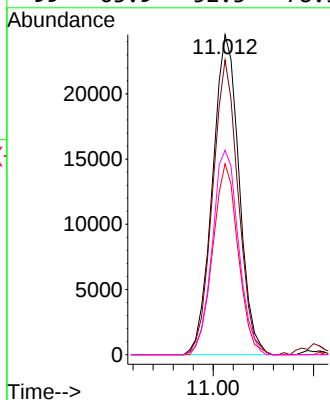
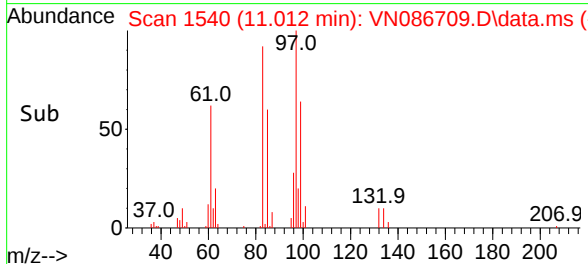
Instrument : MSVOA_N
ClientSampleId : VN0520WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.1	70.4	105.6
85	59.6	46.1	69.1
99	63.9	52.3	78.5

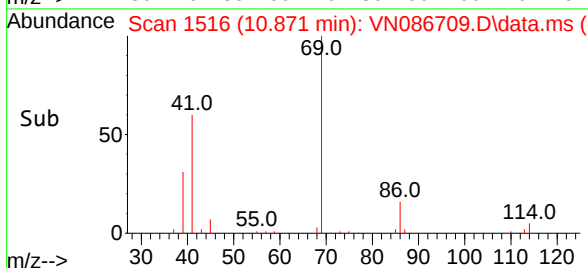
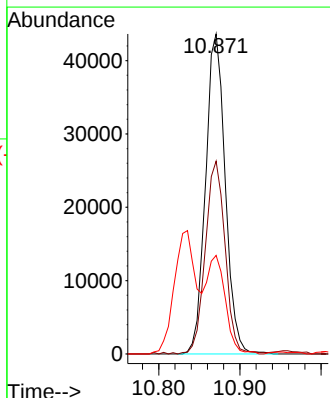
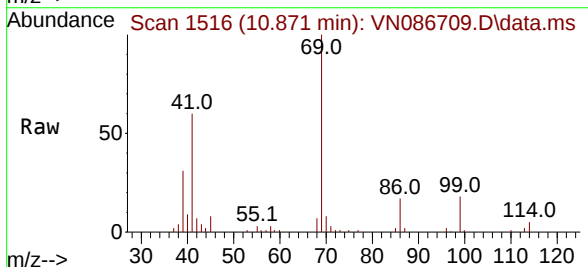
Manual Integrations
APPROVED

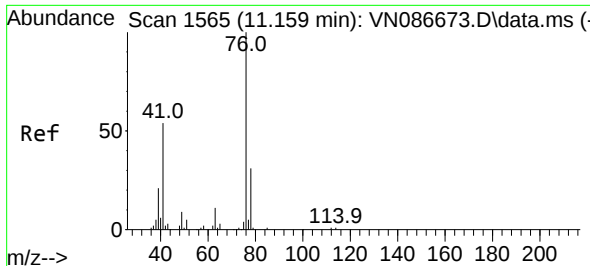
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#56
Ethyl methacrylate
Concen: 18.117 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.4	71.0
39	28.9	24.0	36.0





#57

1,3-Dichloropropane

Concen: 18.469 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion: 76 Resp: 8044

Ion Ratio Lower Upper

76 100

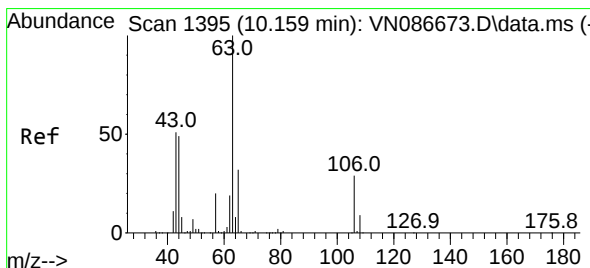
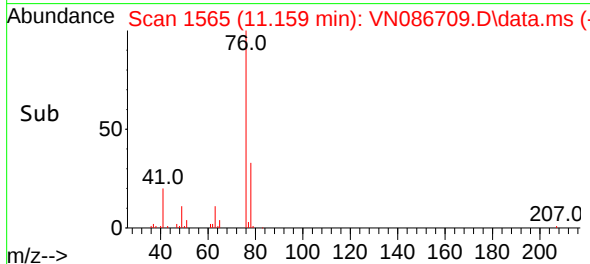
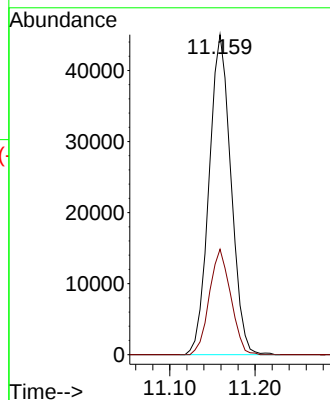
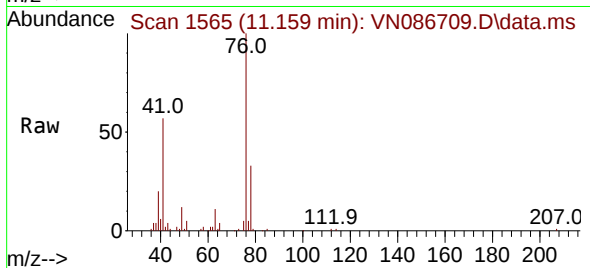
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 95.048 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086709.D

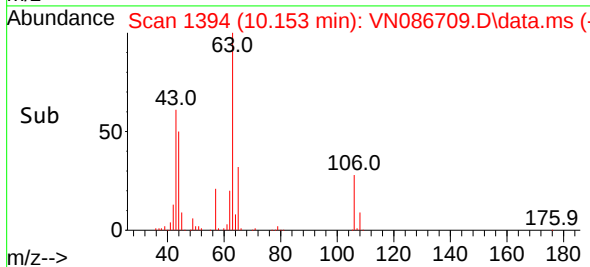
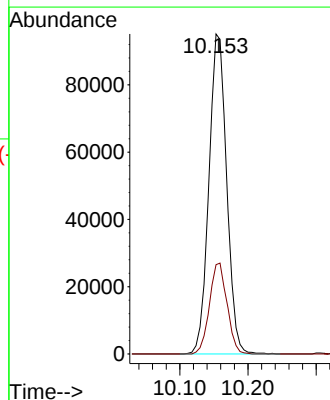
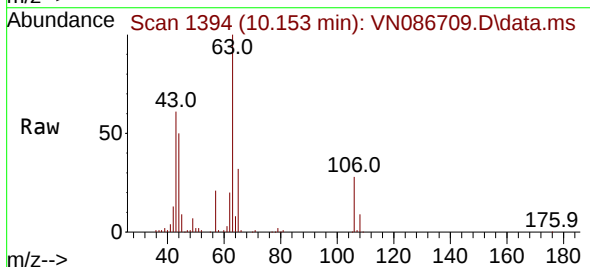
Acq: 20 May 2025 11:39

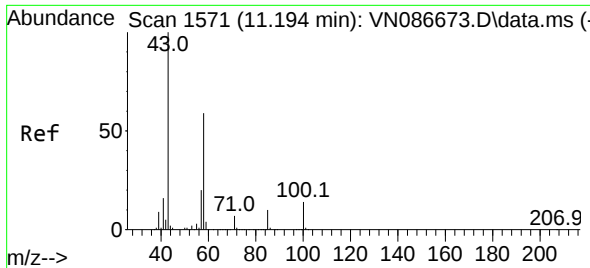
Tgt Ion: 63 Resp: 172451

Ion Ratio Lower Upper

63 100

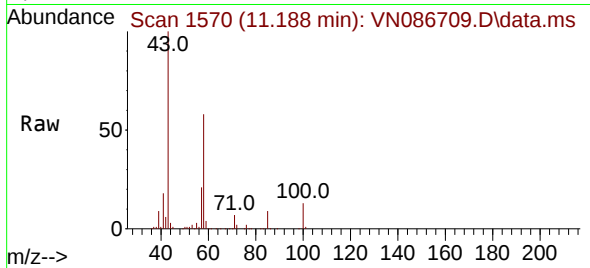
106 28.0 23.1 34.7





#59
2-Hexanone
Concen: 89.028 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

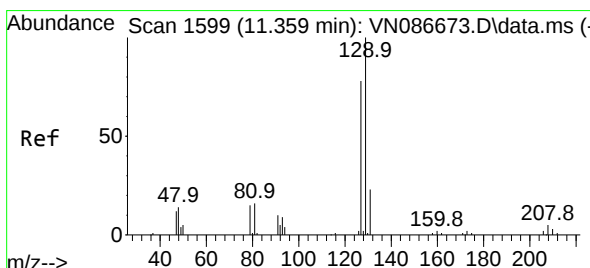
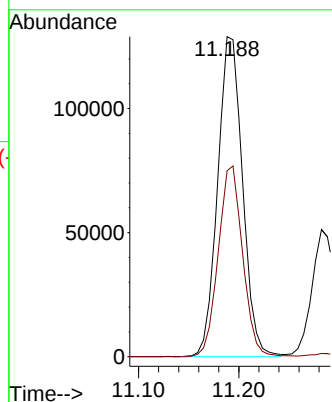
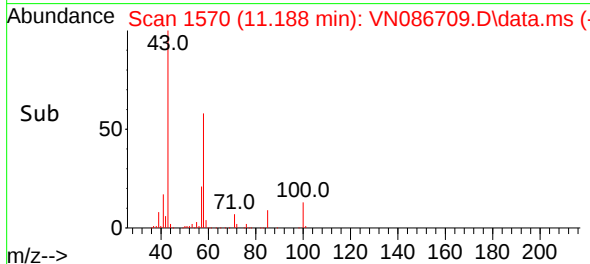
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 43 Resp: 22195
Ion Ratio Lower Upper
43 100
58 58.4 29.8 89.5

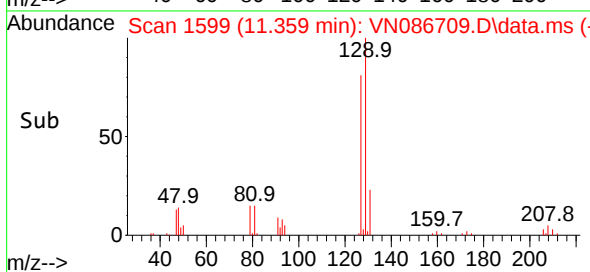
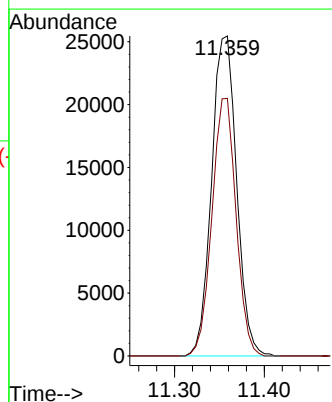
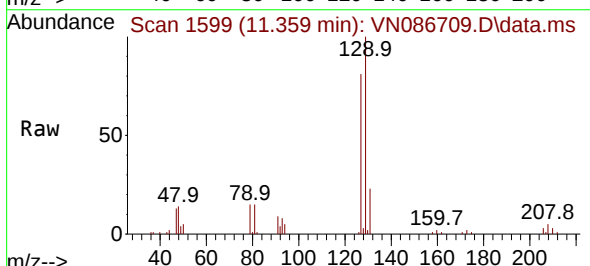
Manual Integrations
APPROVED

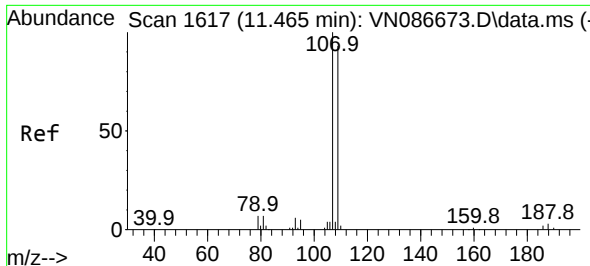
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 18.634 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

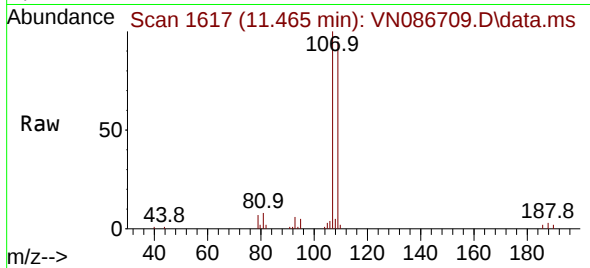
Tgt Ion:129 Resp: 49377
Ion Ratio Lower Upper
129 100
127 77.4 39.5 118.3





#61
1,2-Dibromoethane
Concen: 18.009 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

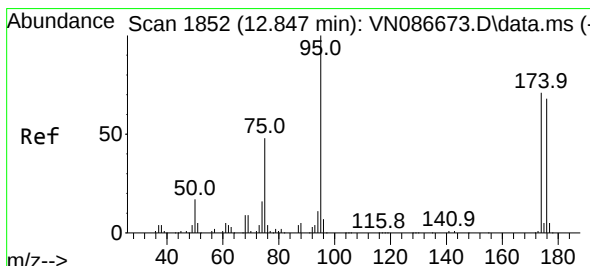
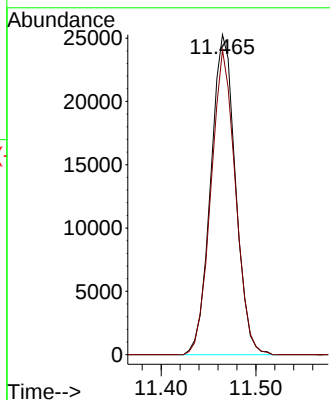
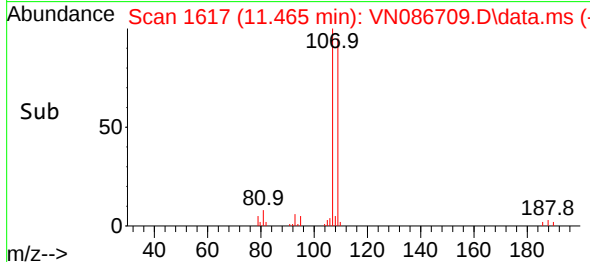
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



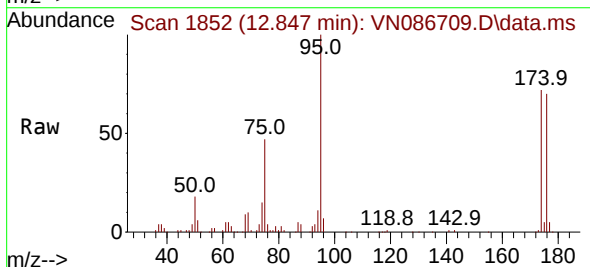
Tgt Ion:107 Resp: 45758
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.4

Manual Integrations
APPROVED

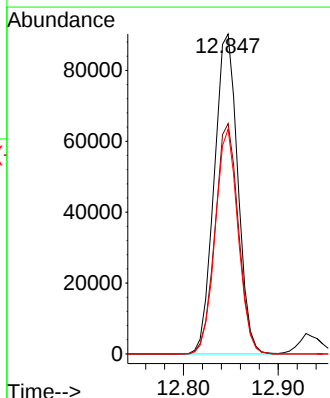
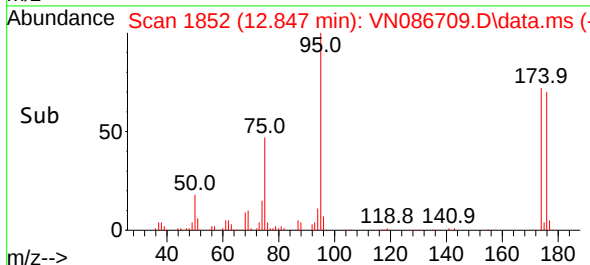
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

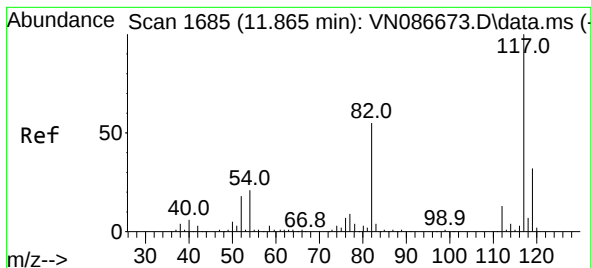


#62
4-Bromofluorobenzene
Concen: 47.052 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



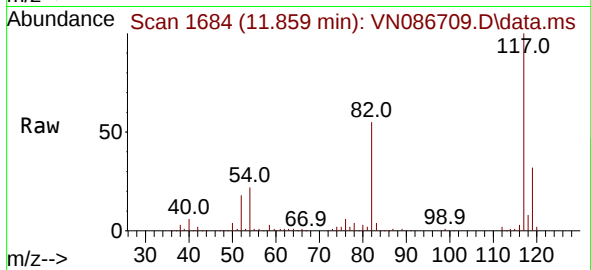
Tgt Ion: 95 Resp: 156039
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.4
176 68.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

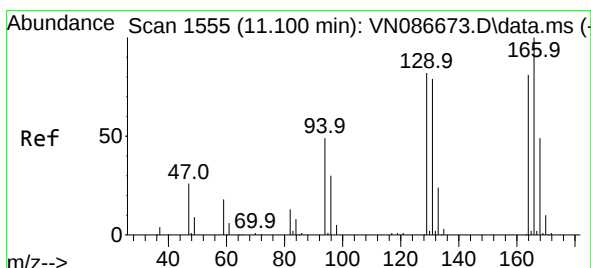
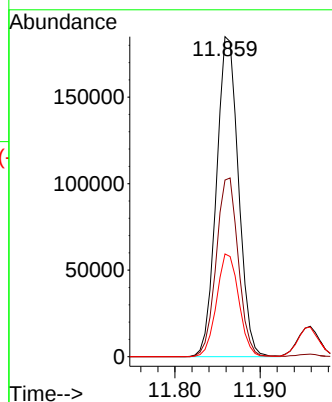
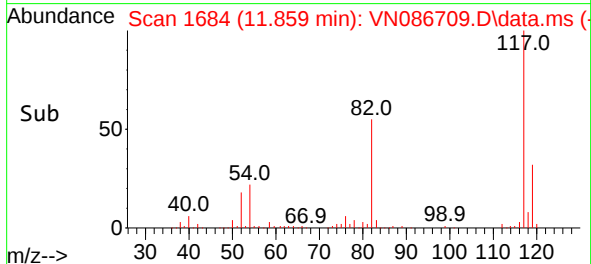
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



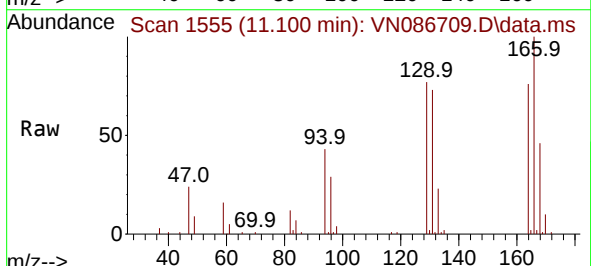
Tgt Ion:117 Resp: 33285
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.1 25.4 38.2

Manual Integrations
APPROVED

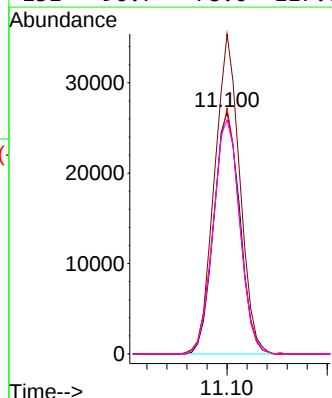
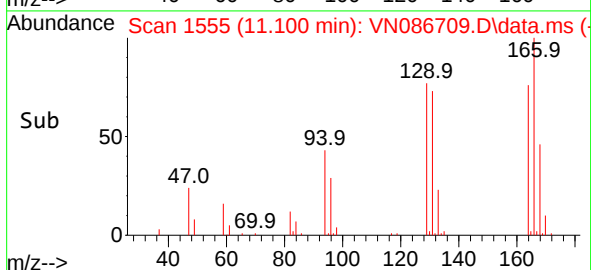
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

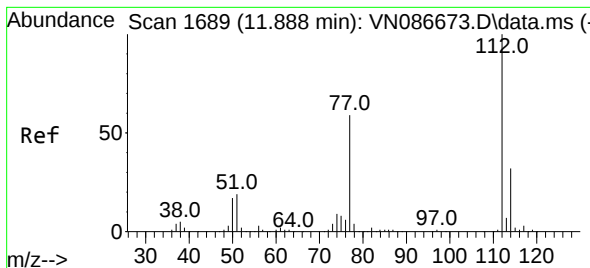


#64
Tetrachloroethene
Concen: 18.900 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



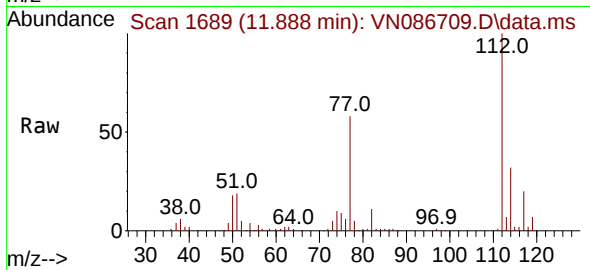
Tgt Ion:164 Resp: 48192
Ion Ratio Lower Upper
164 100
166 132.4 98.2 147.4
129 101.6 81.0 121.4
131 96.7 78.0 117.0





#65
Chlorobenzene
Concen: 18.350 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

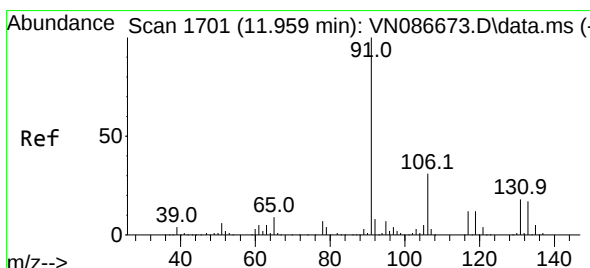
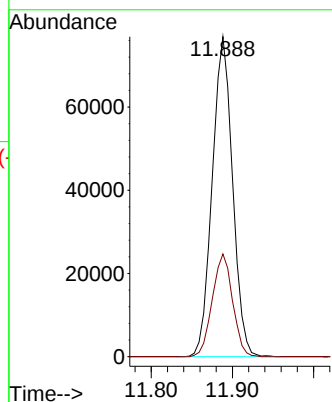
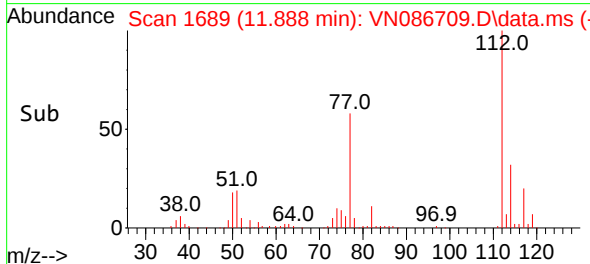
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



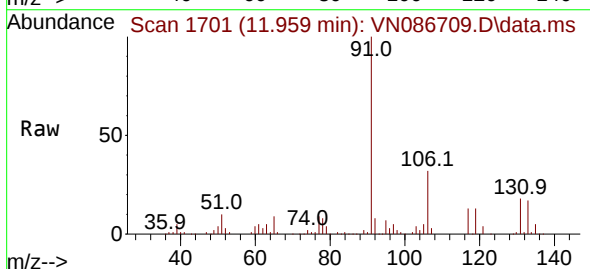
Tgt Ion:112 Resp: 133938
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

Manual Integrations
APPROVED

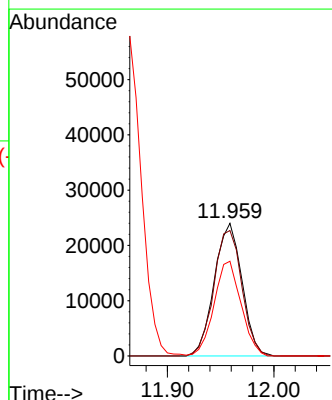
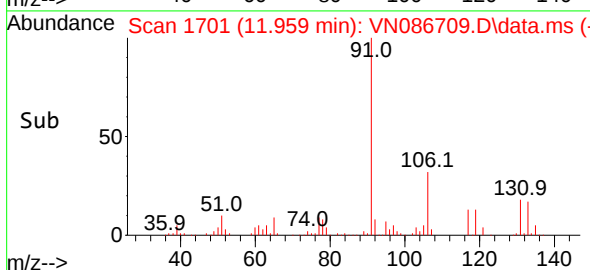
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

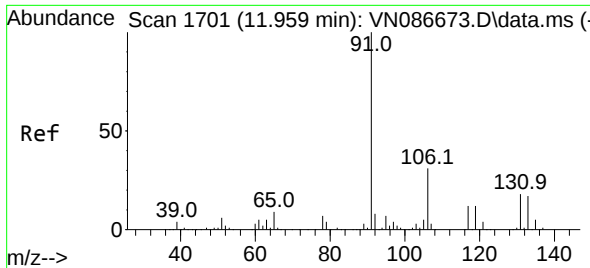


#66
1,1,1,2-Tetrachloroethane
Concen: 18.405 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



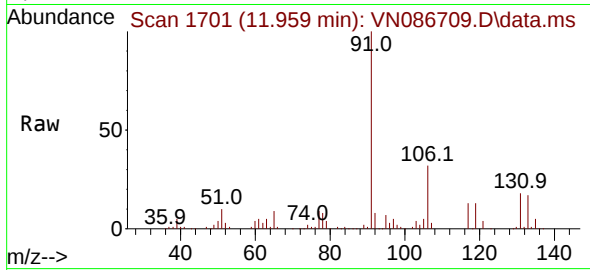
Tgt Ion:131 Resp: 43367
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 69.6 33.6 100.8





#67
Ethyl Benzene
Concen: 18.155 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

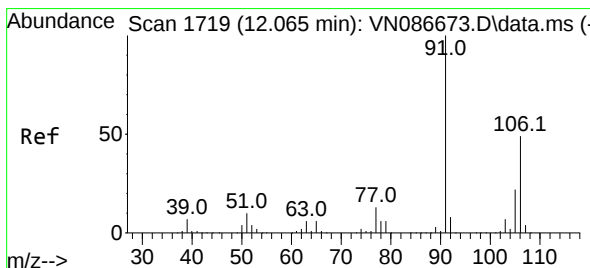
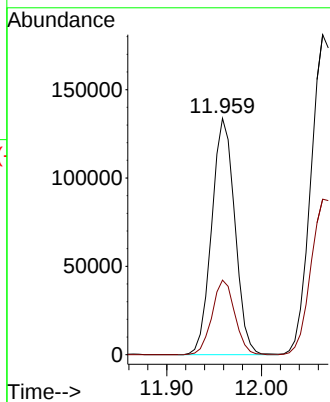
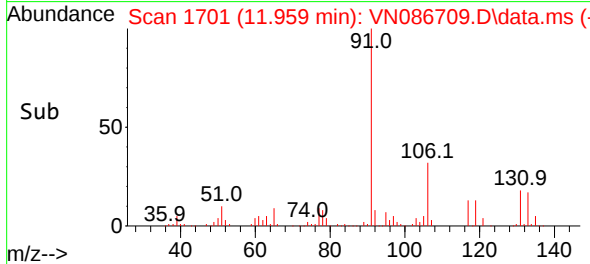
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



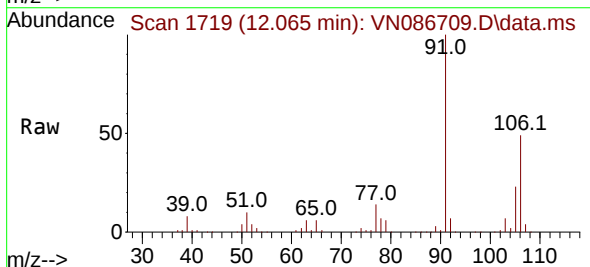
Tgt Ion: 91 Resp: 22697
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

Manual Integrations
APPROVED

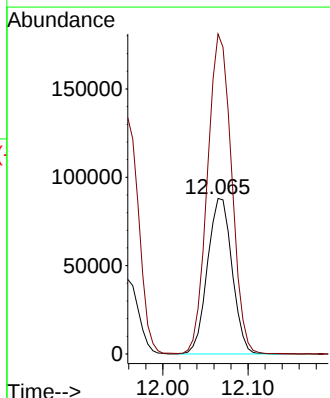
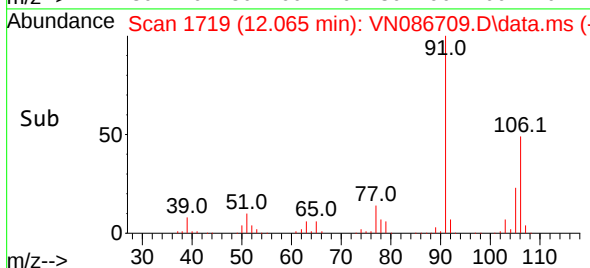
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

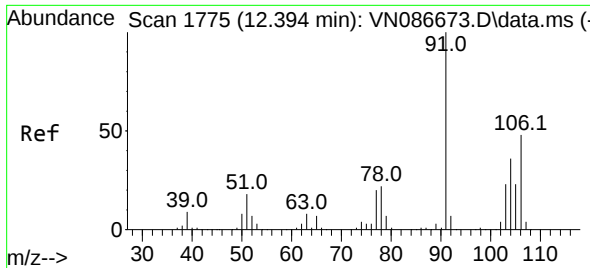


#68
m/p-Xylenes
Concen: 37.290 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



Tgt Ion:106 Resp: 176578
Ion Ratio Lower Upper
106 100
91 201.7 162.4 243.6





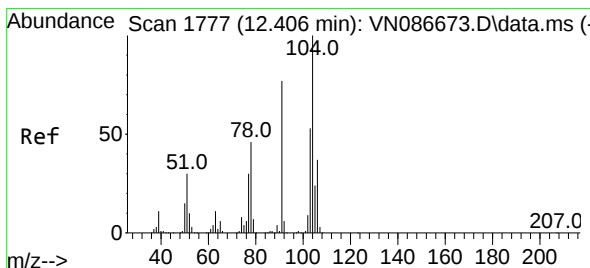
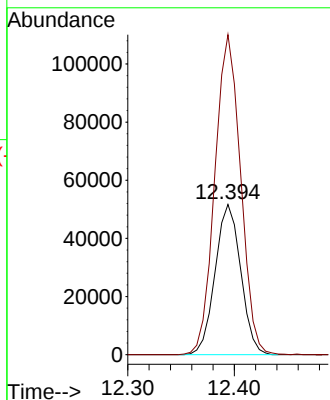
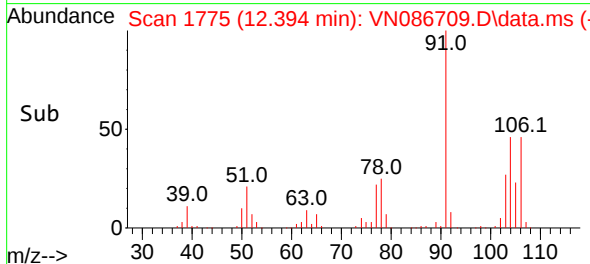
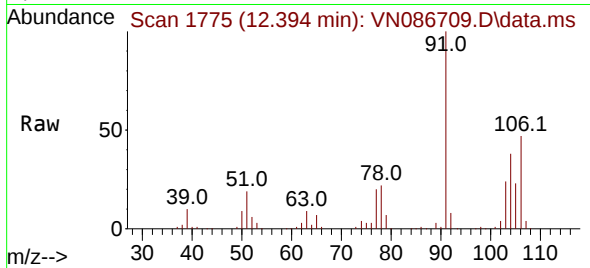
#69
o-Xylene
Concen: 18.319 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:106 Resp: 86238
Ion Ratio Lower Upper
106 100
91 214.6 105.1 315.1

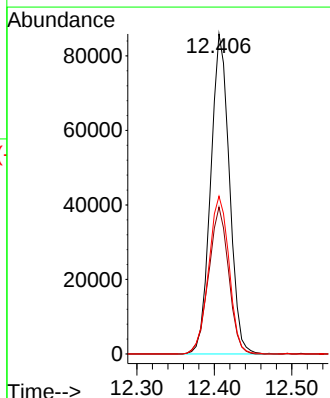
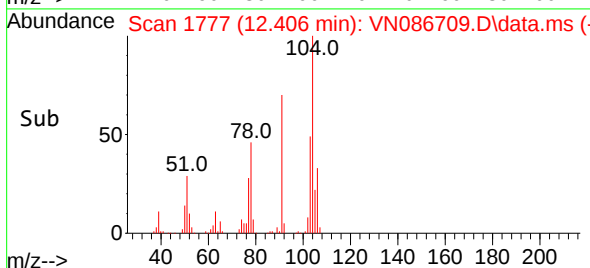
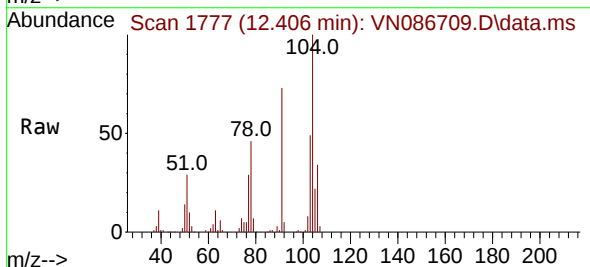
Manual Integrations
APPROVED

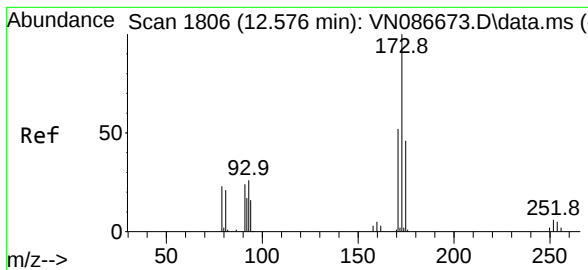
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 18.705 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion:104 Resp: 144170
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 53.8 43.8 65.8





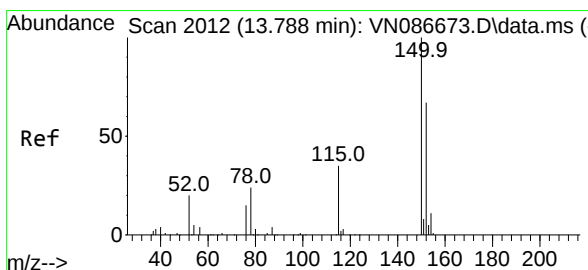
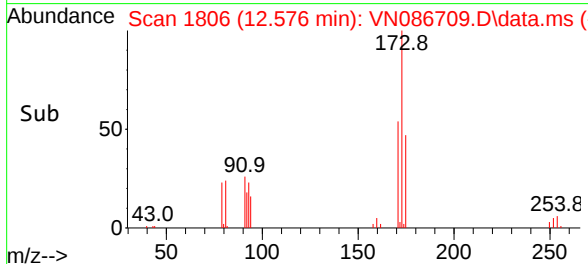
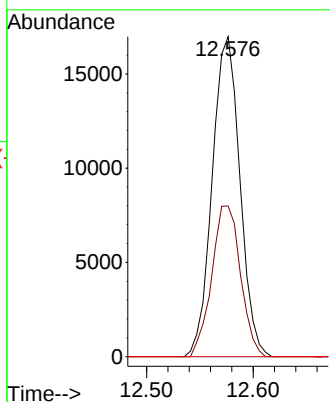
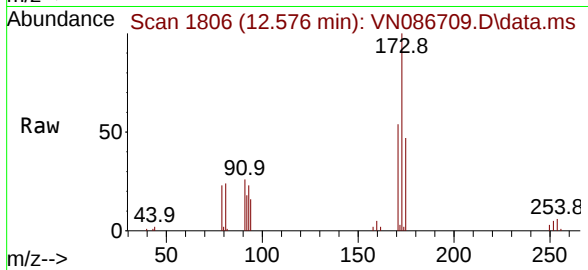
#71
Bromoform
Concen: 18.277 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:173 Resp: 30628
Ion Ratio Lower Upper
173 100
175 48.9 23.4 70.2
254 0.0 0.0 0.0

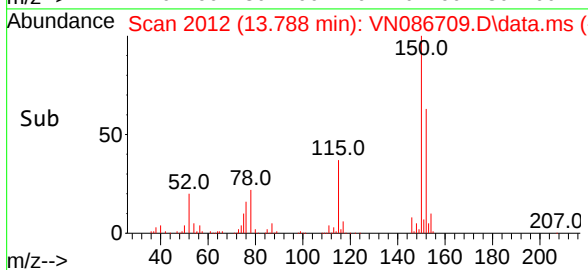
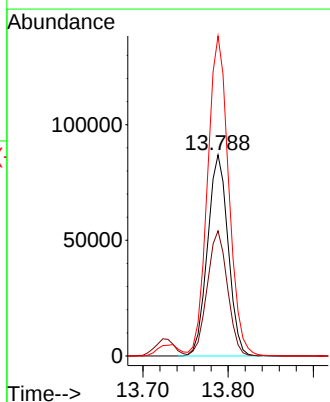
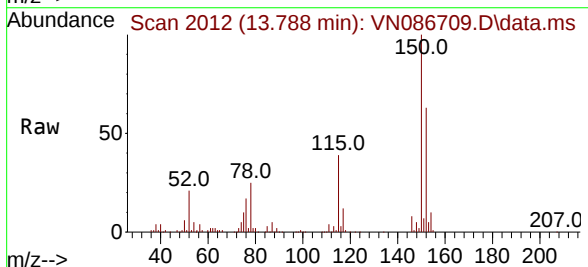
Manual Integrations
APPROVED

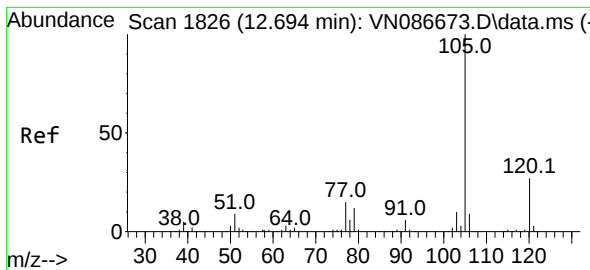
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion:152 Resp: 145822
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.1
150 163.5 0.0 347.8





#73

Isopropylbenzene

Concen: 18.129 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBS01

Tgt Ion:105 Resp: 20417

Ion Ratio Lower Upper

105 100

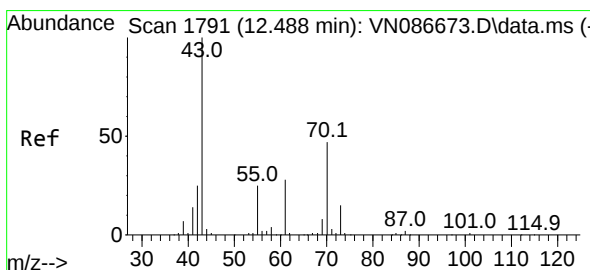
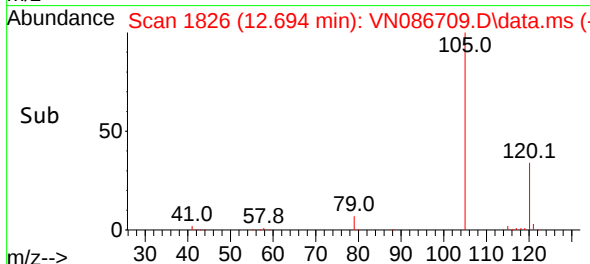
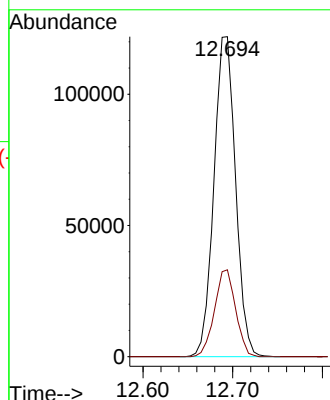
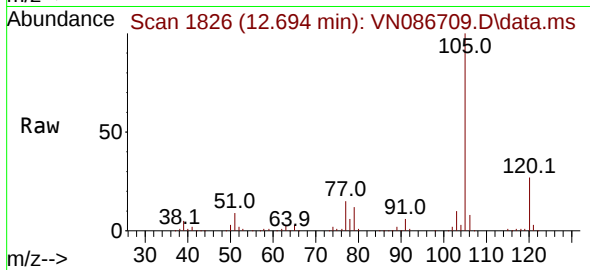
120 26.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#74

N-ethyl acetate

Concen: 18.342 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086709.D

Acq: 20 May 2025 11:39

Tgt Ion: 43 Resp: 86309

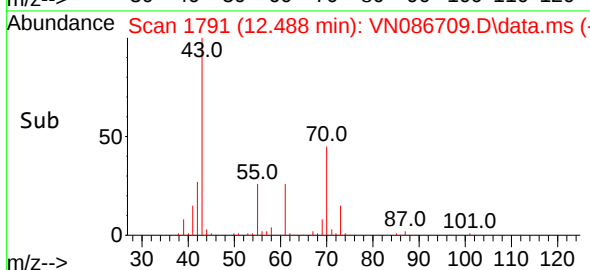
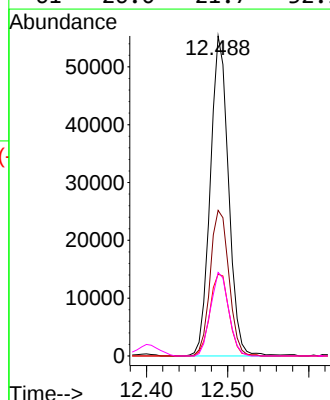
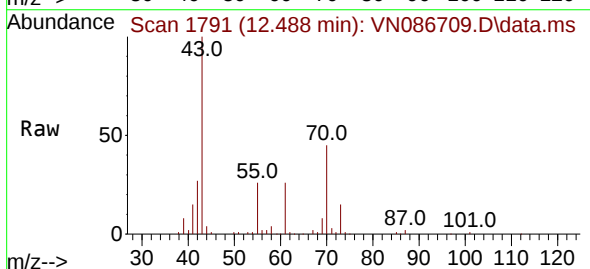
Ion Ratio Lower Upper

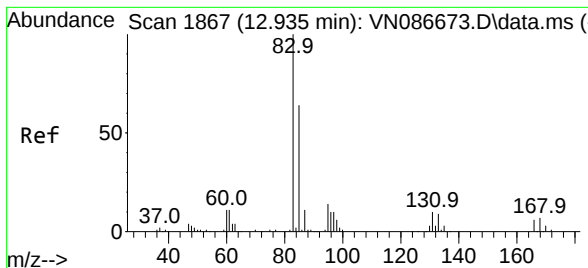
43 100

70 46.6 37.9 56.9

55 26.7 20.5 30.7

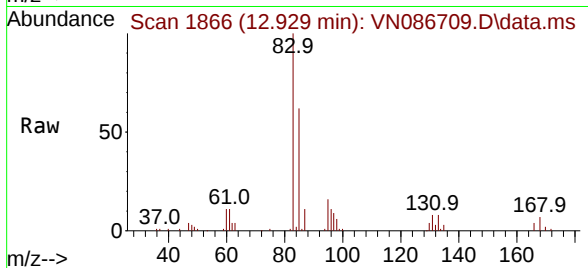
61 26.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.303 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

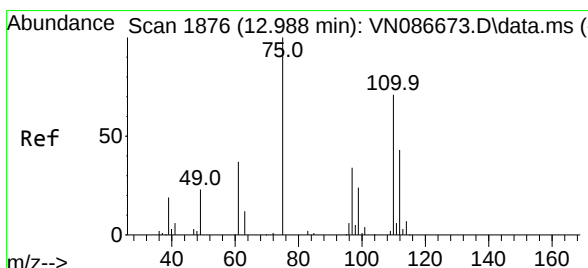
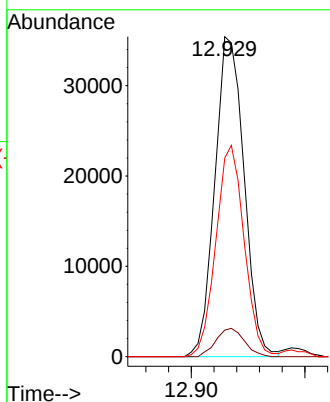
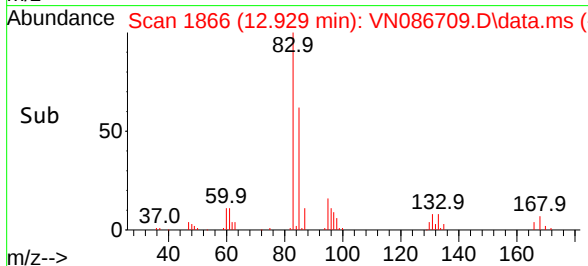
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 83 Resp: 63329
Ion Ratio Lower Upper
83 100
131 8.6 5.0 15.0
85 63.8 32.4 97.2

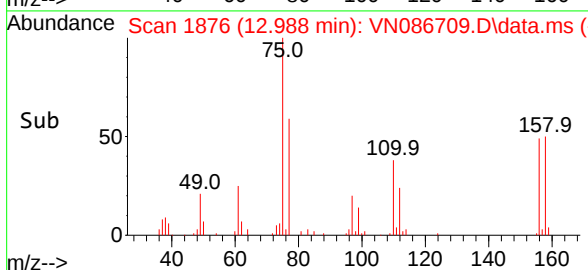
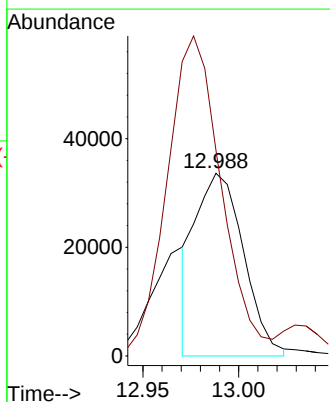
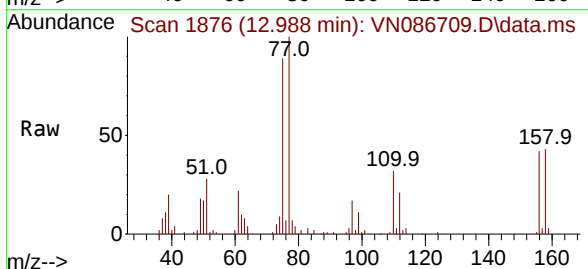
Manual Integrations
APPROVED

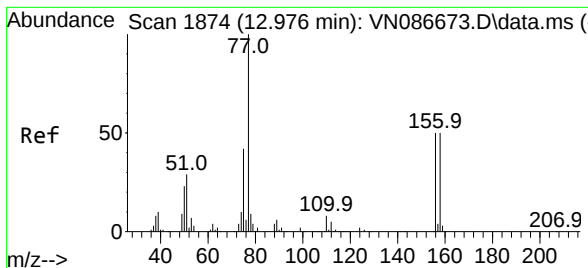
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#76
1,2,3-Trichloropropane
Concen: 17.801 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion: 75 Resp: 58707
Ion Ratio Lower Upper
75 100
77 198.4 96.0 288.1





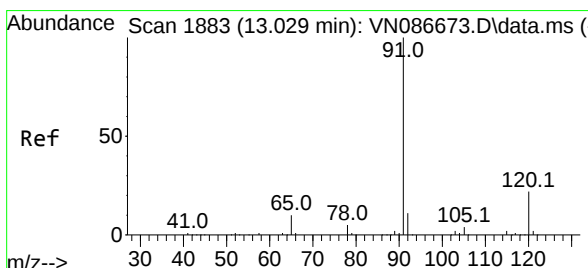
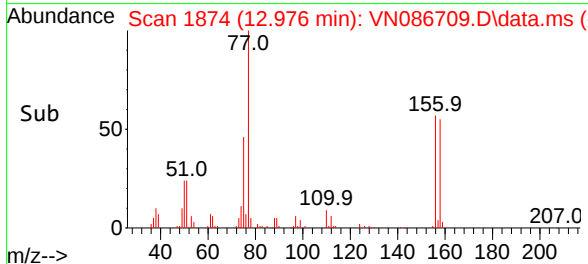
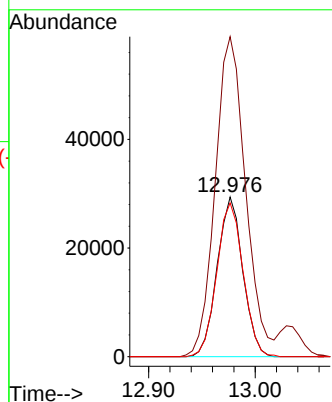
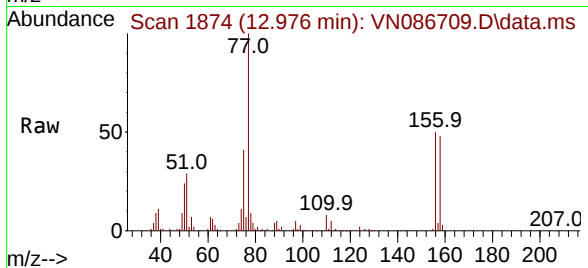
#77
Bromobenzene
Concen: 17.334 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:156 Resp: 49108
Ion Ratio Lower Upper
156 100
77 237.2 113.1 339.2
158 99.1 48.6 145.9

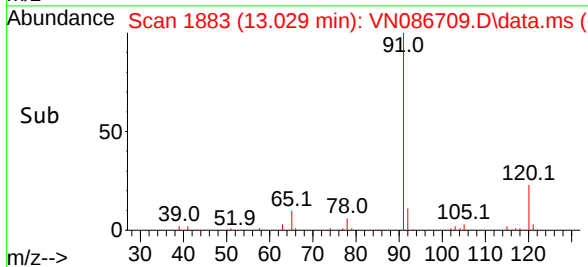
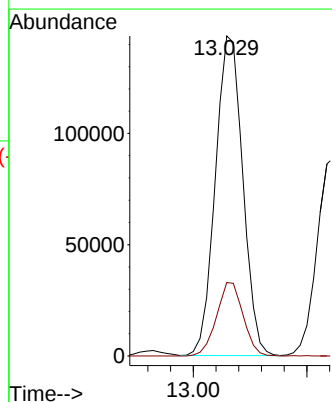
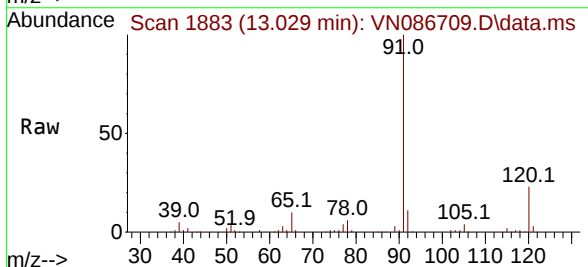
Manual Integrations
APPROVED

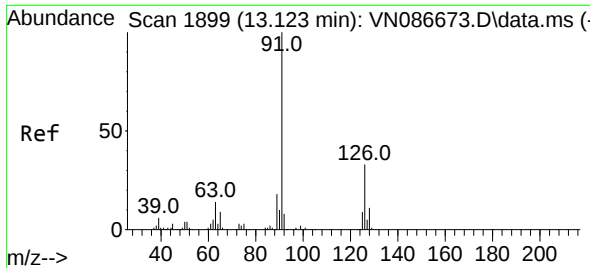
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#78
n-propylbenzene
Concen: 18.646 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion: 91 Resp: 240998
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.1





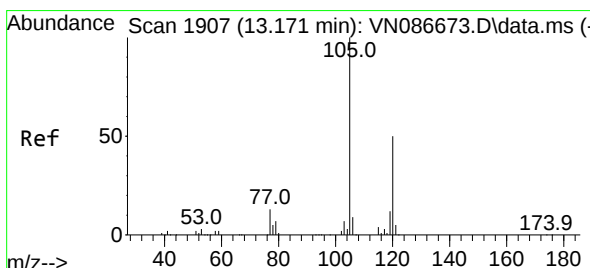
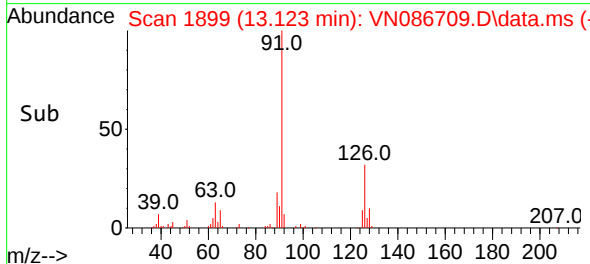
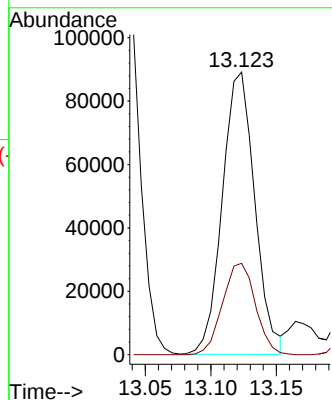
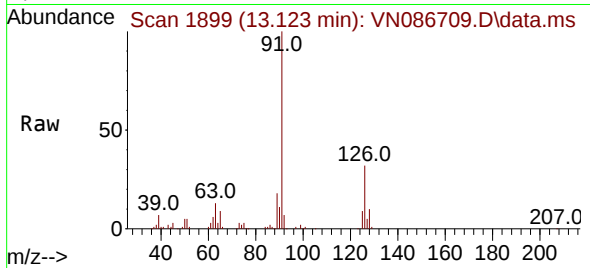
#79
2-Chlorotoluene
Concen: 18.278 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion: 91 Resp: 15360
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7

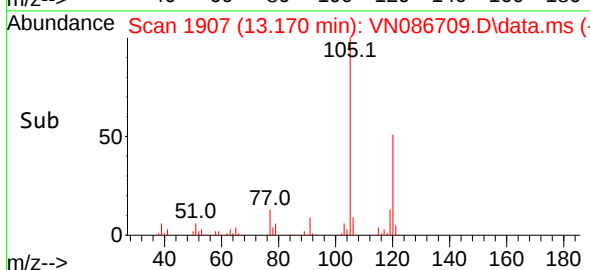
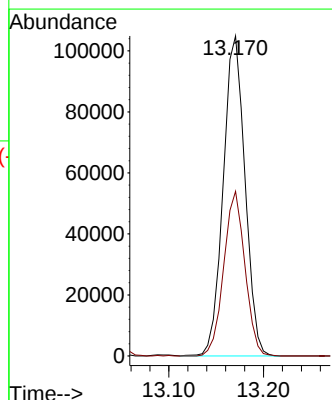
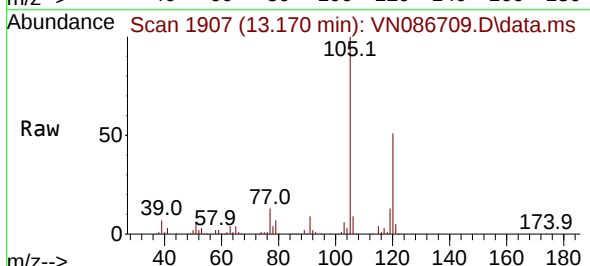
Manual Integrations
APPROVED

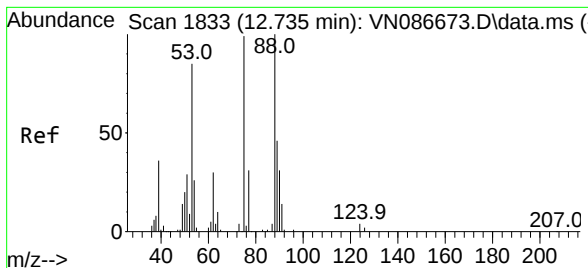
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.556 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

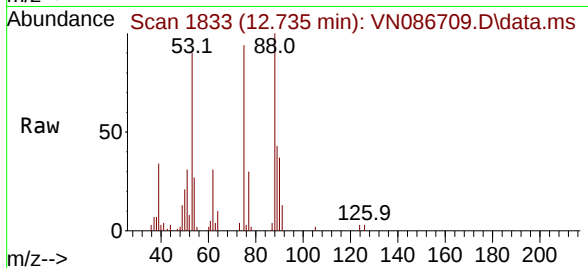
Tgt Ion:105 Resp: 167438
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.301 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

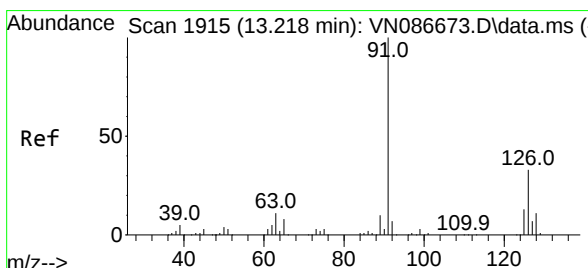
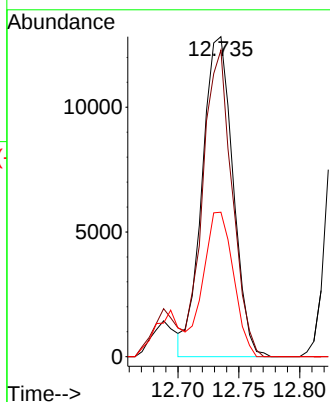
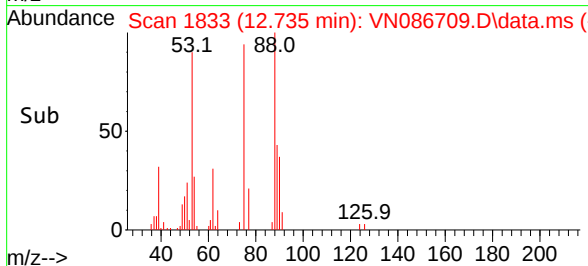
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



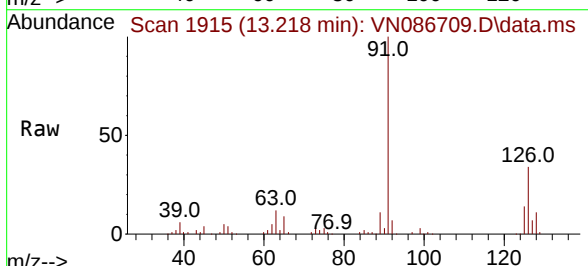
Tgt Ion: 75 Resp: 22609
Ion Ratio Lower Upper
75 100
53 90.2 70.4 105.6
89 44.3 32.4 48.6

Manual Integrations
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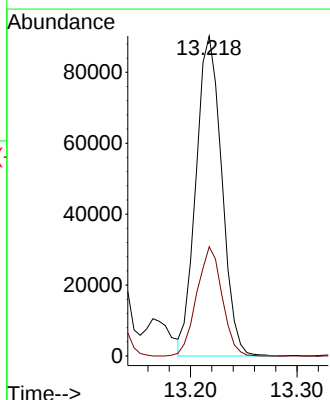
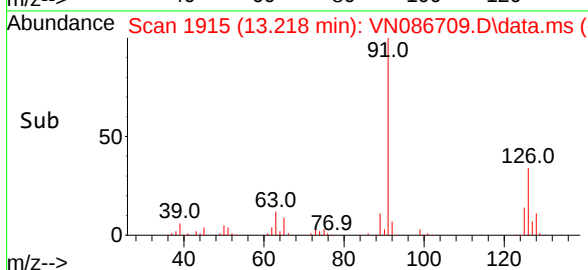
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

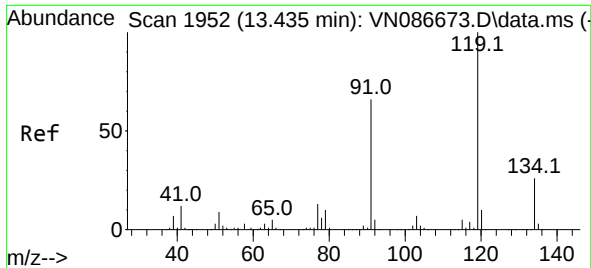


#82
4-Chlorotoluene
Concen: 18.263 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



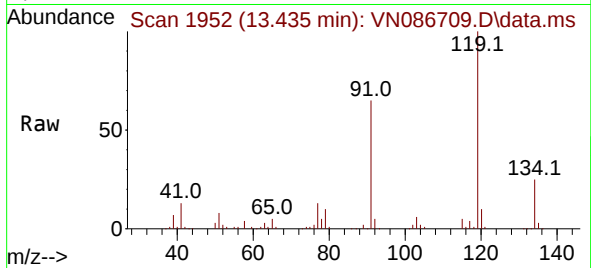
Tgt Ion: 91 Resp: 152053
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.012 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

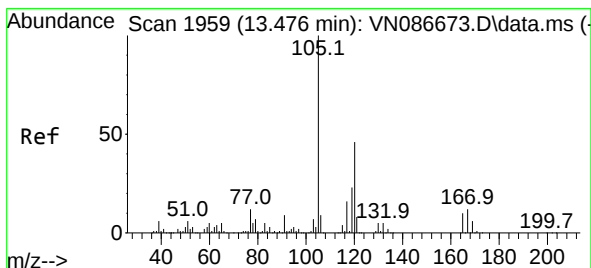
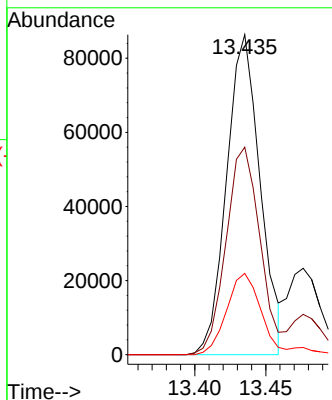
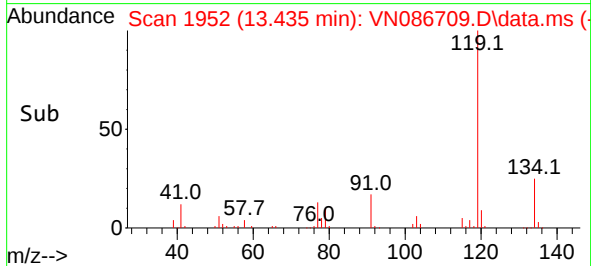
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



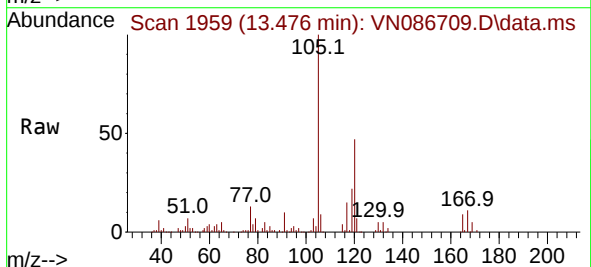
Tgt Ion:119 Resp: 141740
Ion Ratio Lower Upper
119 100
91 66.9 32.9 98.7
134 25.7 13.4 40.1

Manual Integrations
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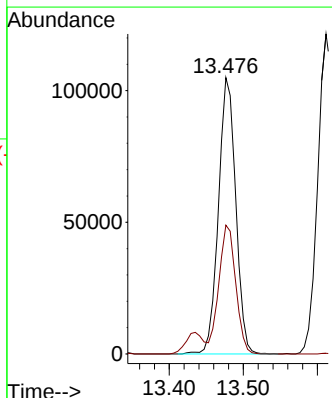
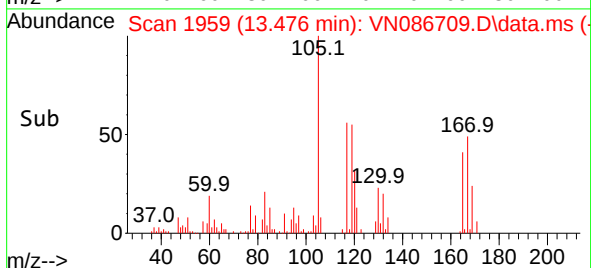
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

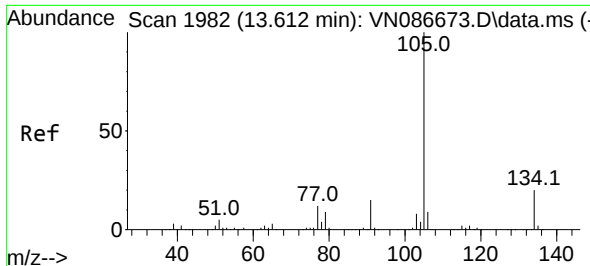


#84
1,2,4-Trimethylbenzene
Concen: 18.924 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



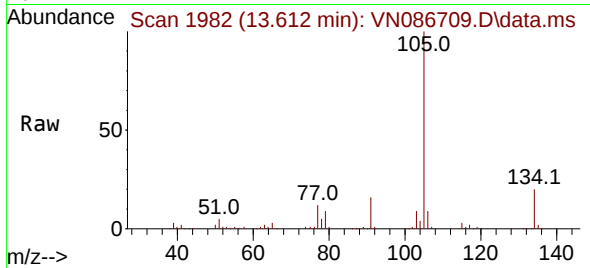
Tgt Ion:105 Resp: 170040
Ion Ratio Lower Upper
105 100
120 45.3 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 18.582 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39

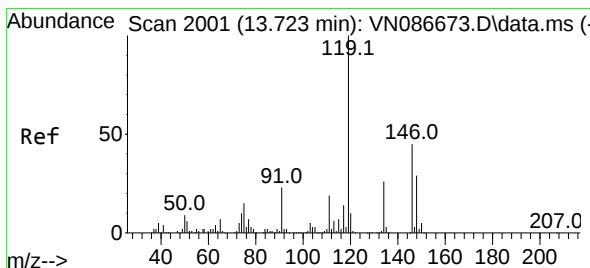
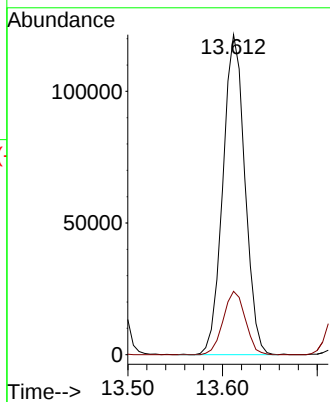
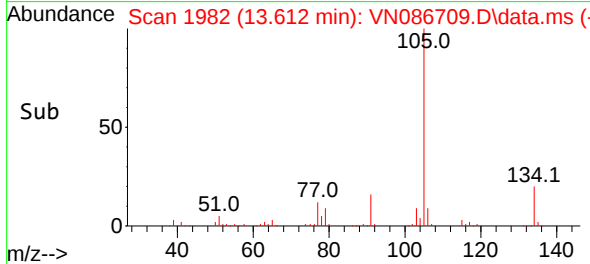
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01



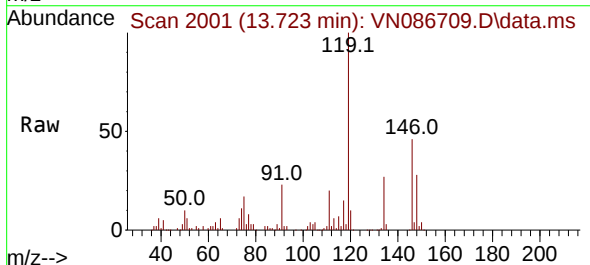
Tgt Ion:105 Resp: 19606
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
 APPROVED

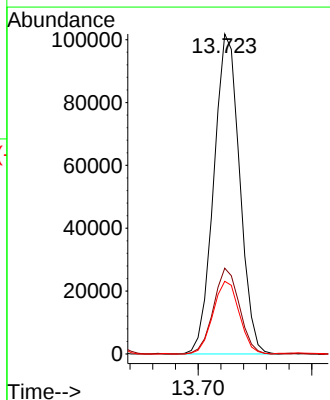
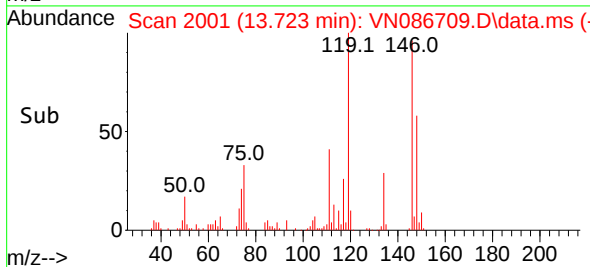
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

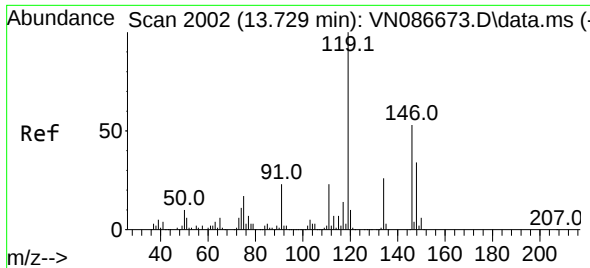


#86
 p-Isopropyltoluene
 Concen: 18.628 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086709.D
 Acq: 20 May 2025 11:39



Tgt Ion:119 Resp: 161106
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.1 11.5 34.5





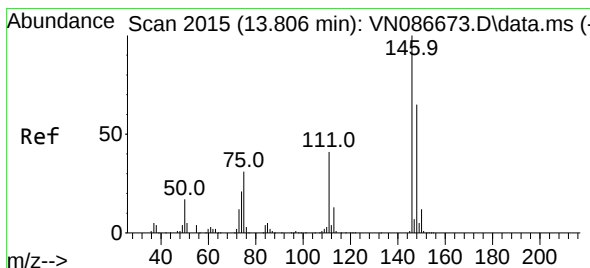
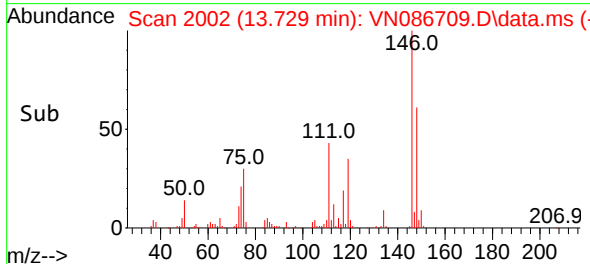
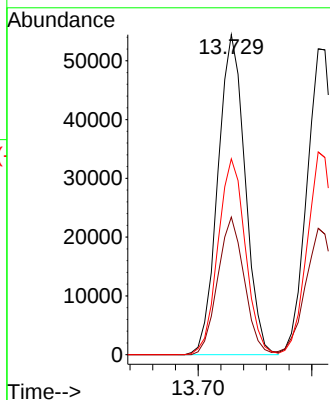
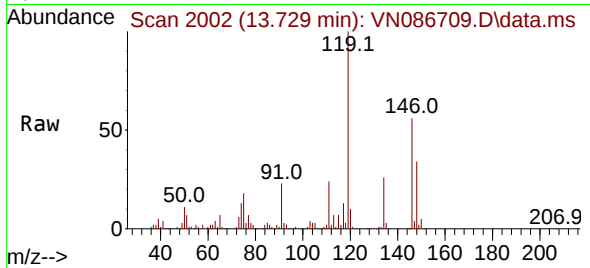
#87
1,3-Dichlorobenzene
Concen: 18.493 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:146 Resp: 90724
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.7
148 61.5 31.8 95.4

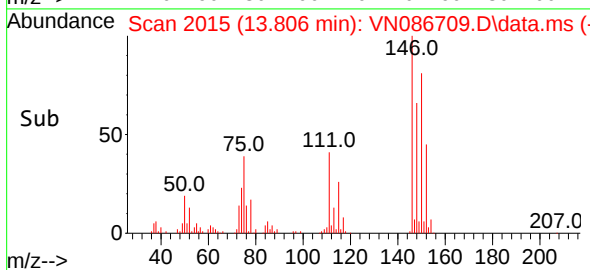
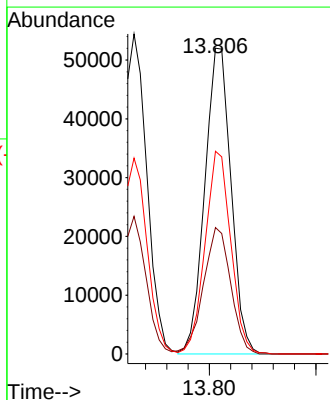
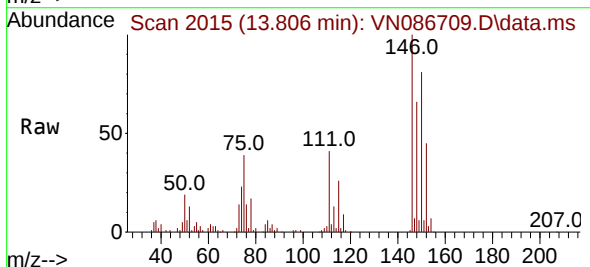
Manual Integrations
APPROVED

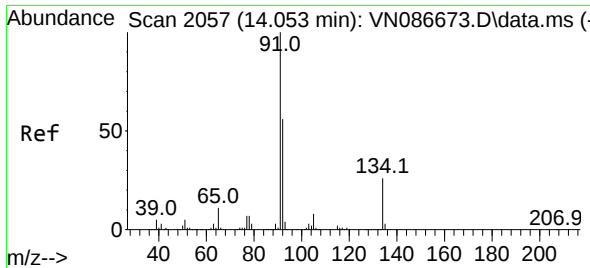
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#88
1,4-Dichlorobenzene
Concen: 18.355 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

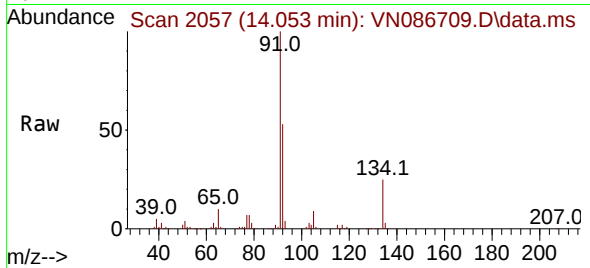
Tgt Ion:146 Resp: 89216
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.8
148 65.1 32.0 96.0





#89
n-Butylbenzene
Concen: 18.902 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

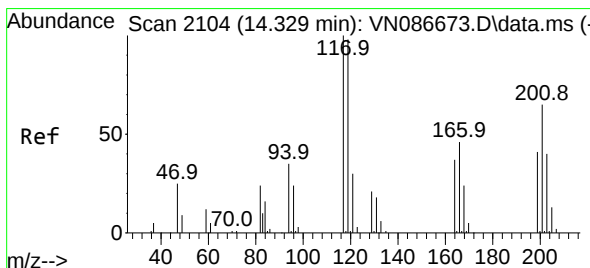
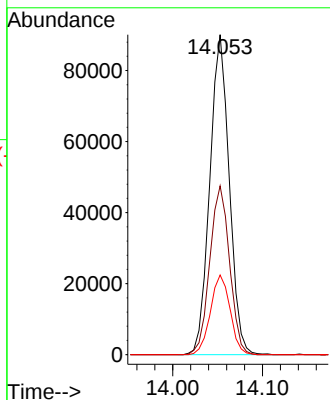
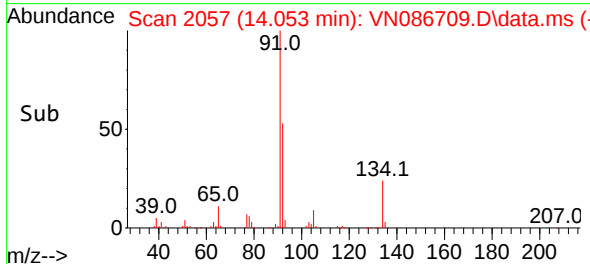
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



Tgt Ion: 91 Resp: 135528
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.0
134 25.2 12.8 38.4

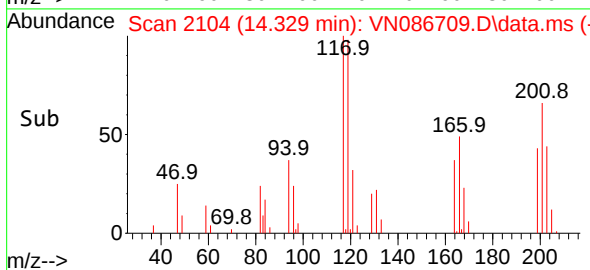
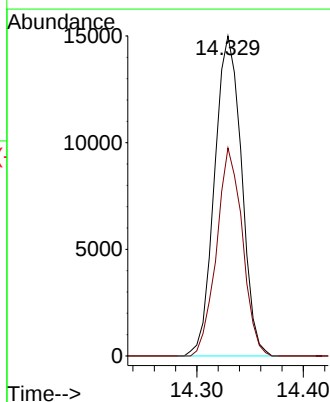
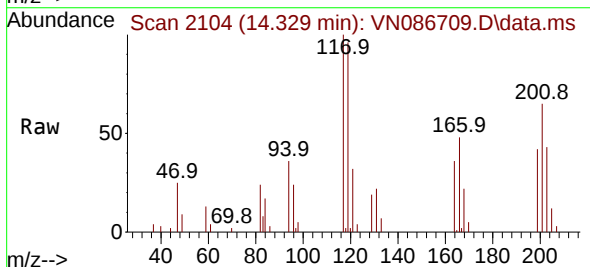
Manual Integrations
APPROVED

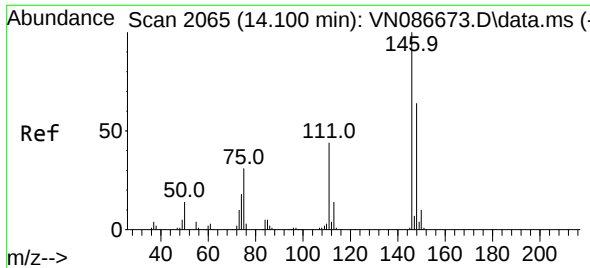
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#90
Hexachloroethane
Concen: 18.413 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Tgt Ion:117 Resp: 26422
Ion Ratio Lower Upper
117 100
201 62.1 32.0 96.0





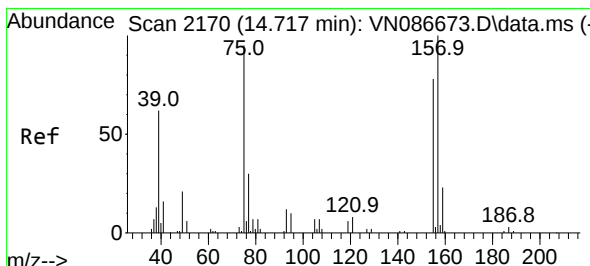
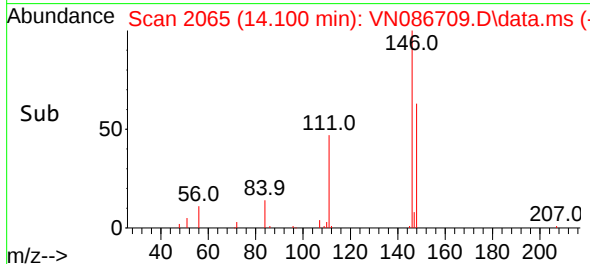
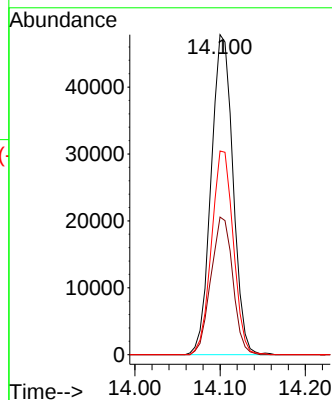
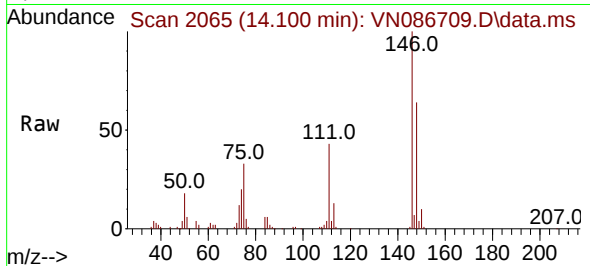
#91
1,2-Dichlorobenzene
Concen: 18.248 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01

Tgt Ion:146 Resp: 85140
Ion Ratio Lower Upper
146 100
111 43.0 21.6 65.0
148 63.5 31.7 95.1

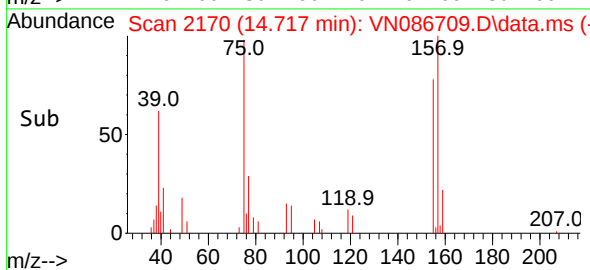
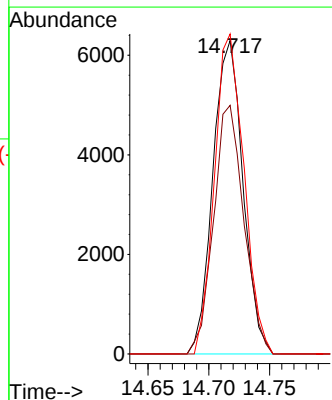
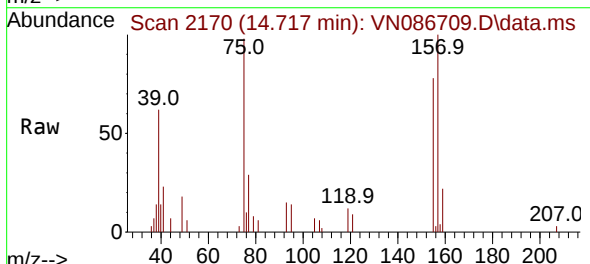
Manual Integrations
APPROVED

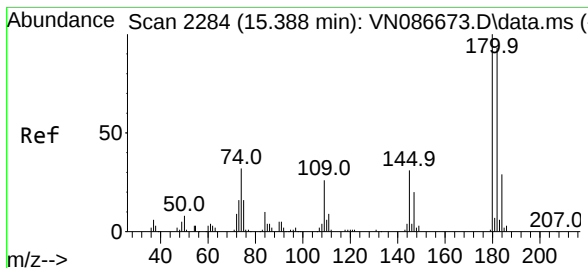
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.837 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

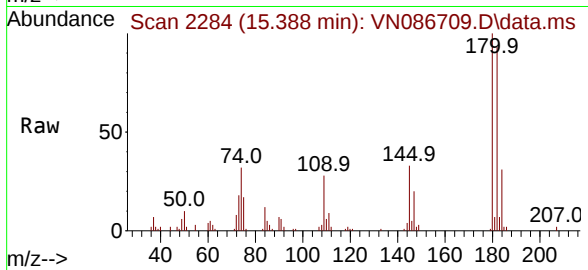
Tgt Ion: 75 Resp: 10797
Ion Ratio Lower Upper
75 100
155 80.1 40.5 121.5
157 100.1 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 18.715 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

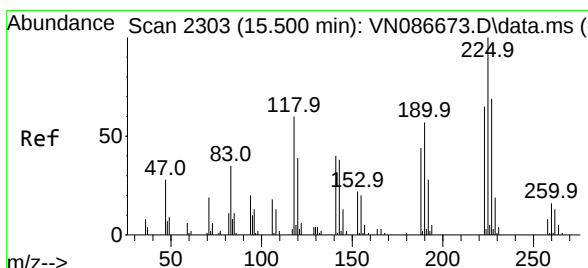
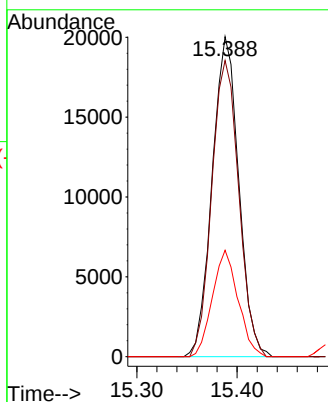
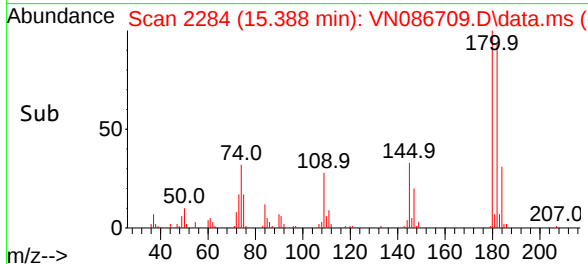
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



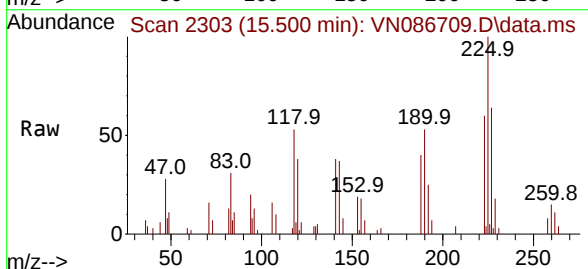
Tgt Ion:180 Resp: 3686
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 32.1 15.6 46.8

Manual Integrations
APPROVED

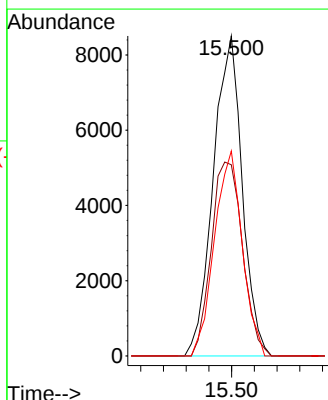
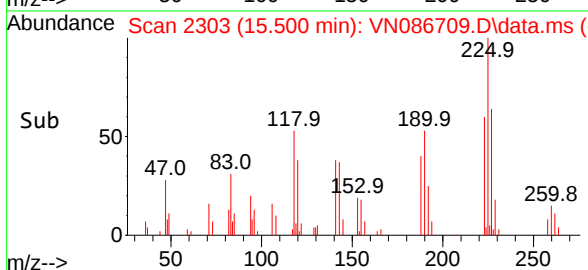
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

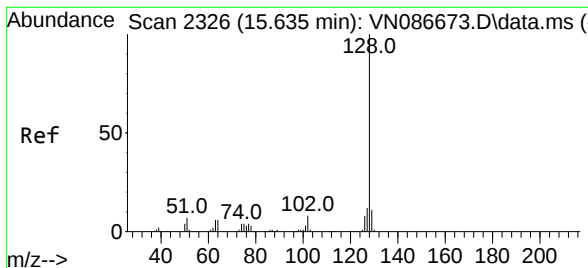


#94
Hexachlorobutadiene
Concen: 18.401 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



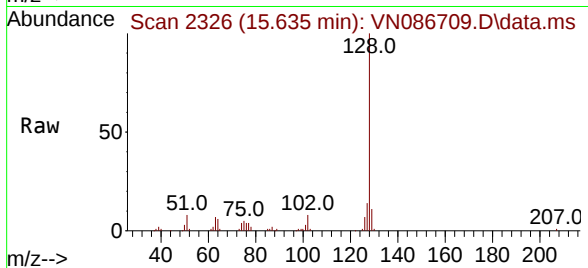
Tgt Ion:225 Resp: 15037
Ion Ratio Lower Upper
225 100
223 65.4 32.9 98.6
227 61.4 32.4 97.2





#95
Naphthalene
Concen: 18.001 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39

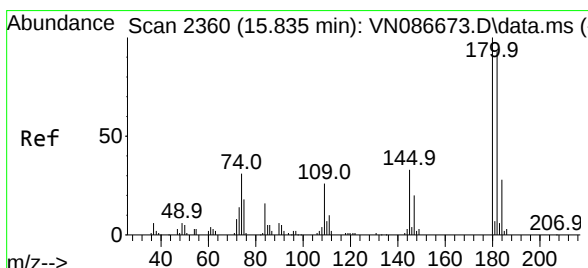
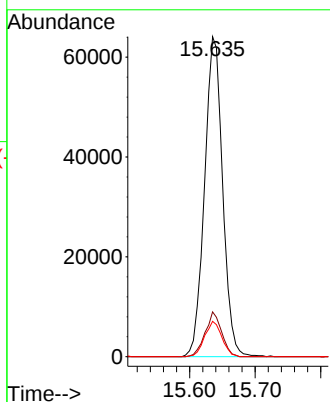
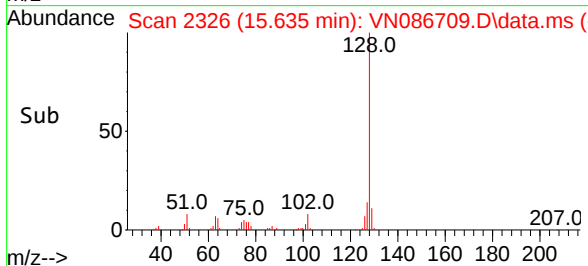
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBS01



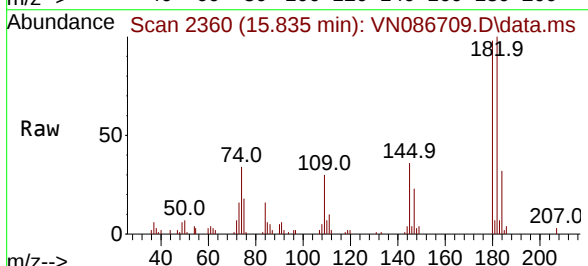
Tgt Ion:128 Resp: 123100
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.189 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086709.D
Acq: 20 May 2025 11:39



Tgt Ion:180 Resp: 35083
Ion Ratio Lower Upper
180 100
182 96.6 47.0 141.2
145 33.4 16.7 50.1

