

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086971.D
 Acq On : 12 Jun 2025 12:53
 Operator : JC\MD
 Sample : VN0612WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:25:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	164097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	119898	54.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	8.177	113	99703	57.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.840%			
50) Toluene-d8	10.571	98	371654	54.069	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.140%			
62) 4-Bromofluorobenzene	12.847	95	141148	55.270	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	33893	20.715	ug/l	94
3) Chloromethane	2.395	50	35547	16.825	ug/l	99
4) Vinyl Chloride	2.554	62	45490	20.872	ug/l	100
5) Bromomethane	3.001	94	20346	16.682	ug/l	98
6) Chloroethane	3.154	64	29833	21.191	ug/l	100
7) Trichlorofluoromethane	3.530	101	59662	20.952	ug/l	99
8) Diethyl Ether	3.983	74	28146	22.686	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	38581	21.565	ug/l	99
10) Methyl Iodide	4.612	142	23860	10.288	ug/l	97
11) Tert butyl alcohol	5.542	59	65234	109.424	ug/l	100
12) 1,1-Dichloroethene	4.365	96	37838	20.717	ug/l	92
13) Acrolein	4.200	56	34258	181.543	ug/l	99
14) Allyl chloride	5.048	41	60368	19.930	ug/l	96
15) Acrylonitrile	5.742	53	156443	112.272	ug/l	99
16) Acetone	4.448	43	120591	103.500	ug/l	97
17) Carbon Disulfide	4.736	76	95072	18.818	ug/l	98
18) Methyl Acetate	5.048	43	77691	22.881	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	150195	22.712	ug/l	99
20) Methylene Chloride	5.300	84	47343	21.704	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	41816	20.578	ug/l	87
22) Diisopropyl ether	6.683	45	141855	22.217	ug/l	96
23) Vinyl Acetate	6.618	43	598576	110.958	ug/l	99
24) 1,1-Dichloroethane	6.589	63	78845	21.458	ug/l	98
25) 2-Butanone	7.494	43	204642	108.054	ug/l	98
26) 2,2-Dichloropropane	7.506	77	65732	22.997	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	52729	21.697	ug/l	98
28) Bromochloromethane	7.824	49	44328	24.536	ug/l	98
29) Tetrahydrofuran	7.853	42	134426	108.959	ug/l	97
30) Chloroform	7.977	83	81220	22.134	ug/l	95
31) Cyclohexane	8.265	56	67124	18.837	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	66235	21.222	ug/l	96
36) 1,1-Dichloropropene	8.377	75	54907	21.222	ug/l	100
37) Ethyl Acetate	7.571	43	75975	23.067	ug/l	100
38) Carbon Tetrachloride	8.377	117	53964	21.245	ug/l	100
39) Methylcyclohexane	9.606	83	63301	17.858	ug/l	99
40) Benzene	8.618	78	182395	21.558	ug/l	99

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Quant Time: Jun 13 01:25:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41700	22.544	ug/l	97
42) 1,2-Dichloroethane	8.677	62	59051	23.011	ug/l	99
43) Isopropyl Acetate	8.694	43	117119	22.155	ug/l	98
44) Trichloroethene	9.353	130	43122	21.495	ug/l	96
45) 1,2-Dichloropropane	9.630	63	46029	22.362	ug/l	98
46) Dibromomethane	9.712	93	31754	23.226	ug/l	98
47) Bromodichloromethane	9.894	83	65211	23.182	ug/l	97
48) Methyl methacrylate	9.682	41	52292	21.492	ug/l	97
49) 1,4-Dioxane	9.700	88	21488	485.455	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	366404	115.134	ug/l	100
52) Toluene	10.629	92	112760	21.808	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	72646	23.096	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	75803	22.523	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	46139	23.191	ug/l	97
56) Ethyl methacrylate	10.882	69	74177	23.408	ug/l	95
57) 1,3-Dichloropropane	11.165	76	78754	22.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	195579	103.479	ug/l	99
59) 2-Hexanone	11.206	43	210522	102.698	ug/l	95
60) Dibromochloromethane	11.359	129	48396	23.348	ug/l	98
61) 1,2-Dibromoethane	11.471	107	46942	23.020	ug/l	98
64) Tetrachloroethene	11.106	164	34257	20.723	ug/l	94
65) Chlorobenzene	11.894	112	124336	21.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	41461	22.389	ug/l	99
67) Ethyl Benzene	11.965	91	205648	20.724	ug/l	99
68) m/p-Xylenes	12.071	106	160546	42.264	ug/l	100
69) o-Xylene	12.400	106	78557	21.593	ug/l	99
70) Styrene	12.412	104	135491	21.764	ug/l	100
71) Bromoform	12.582	173	33587	24.478	ug/l #	98
73) Isopropylbenzene	12.694	105	191409	20.330	ug/l	99
74) N-amyl acetate	12.529	43	54494	16.564	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	76067	23.849	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	66737m	21.725	ug/l	
77) Bromobenzene	12.982	156	47911	22.190	ug/l	97
78) n-propylbenzene	13.035	91	234143	20.464	ug/l	99
79) 2-Chlorotoluene	13.123	91	144599	21.074	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	160049	20.590	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	30384	22.768	ug/l	96
82) 4-Chlorotoluene	13.223	91	148936	21.452	ug/l	99
83) tert-Butylbenzene	13.435	119	141780	19.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	160936	20.647	ug/l	99
85) sec-Butylbenzene	13.612	105	200042	19.360	ug/l	99
86) p-Isopropyltoluene	13.729	119	166179	19.455	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	91222	21.474	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	93923	21.686	ug/l	99
89) n-Butylbenzene	14.053	91	155506	18.796	ug/l	99
90) Hexachloroethane	14.335	117	29883	20.640	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	91281	22.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16489	21.617	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	51905	19.916	ug/l	98
94) Hexachlorobutadiene	15.500	225	15335	15.793	ug/l	99
95) Naphthalene	15.641	128	208383	21.481	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	50802	19.619	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
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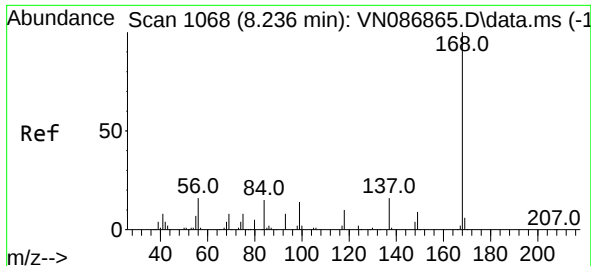
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

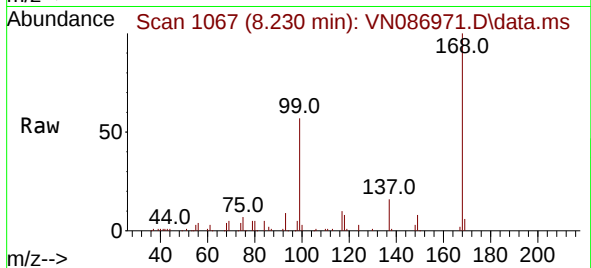
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086971.D
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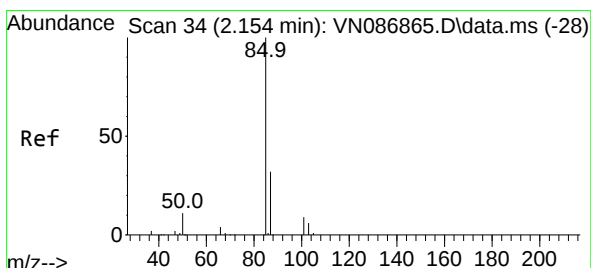
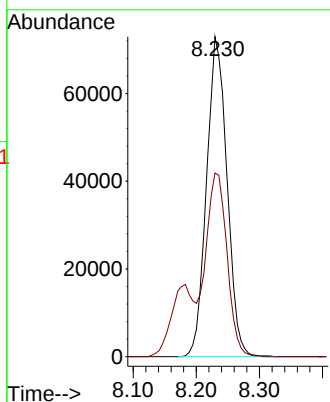
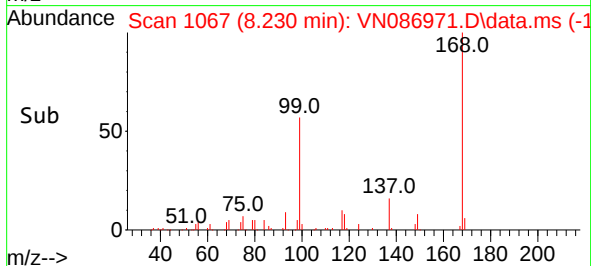
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion:168 Resp: 16409
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7

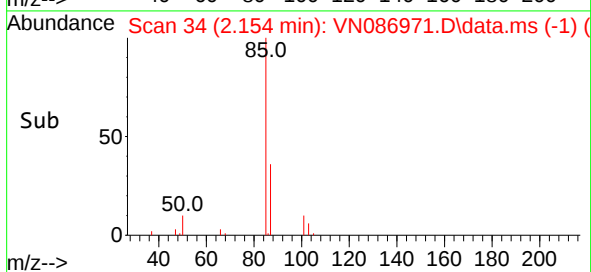
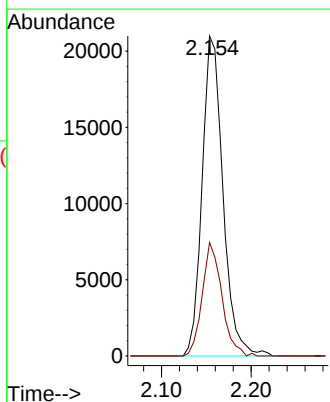
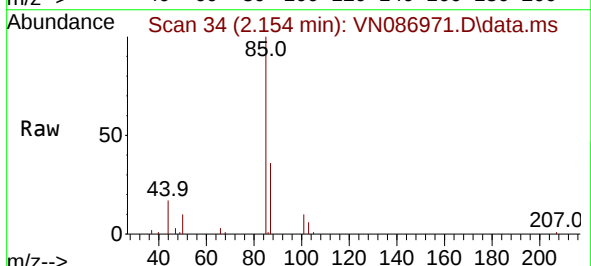
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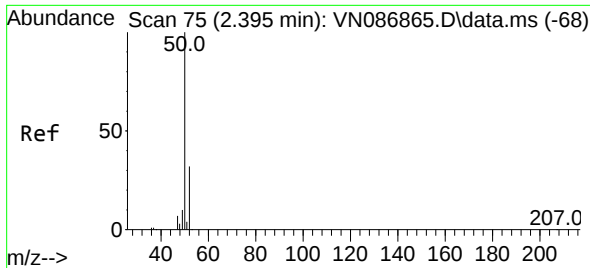
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#2
Dichlorodifluoromethane
Concen: 20.715 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

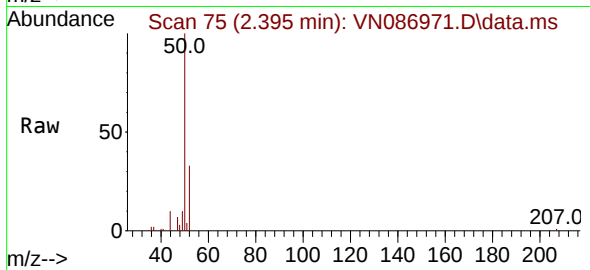
Tgt Ion: 85 Resp: 33893
Ion Ratio Lower Upper
85 100
87 35.5 16.2 48.6





#3
Chloromethane
Concen: 16.825 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

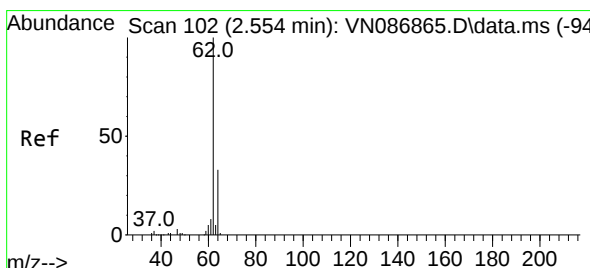
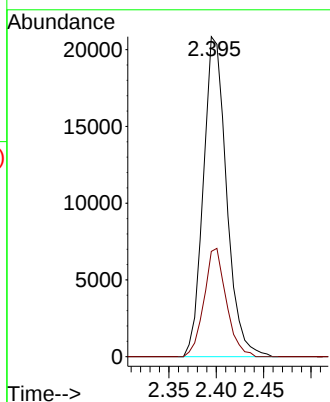
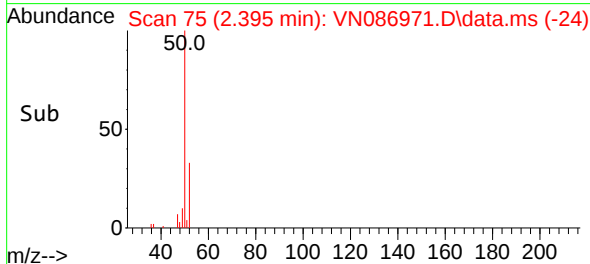
Instrument :
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ClientSampleId :
VN0612WBSD01



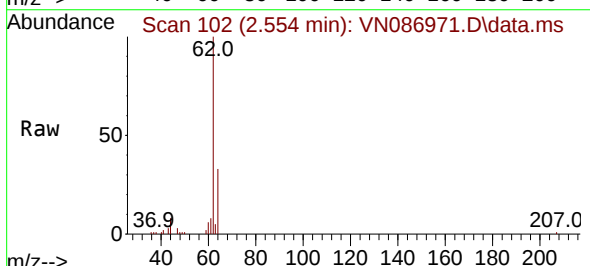
Tgt Ion: 50 Resp: 3554
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

Manual Integrations
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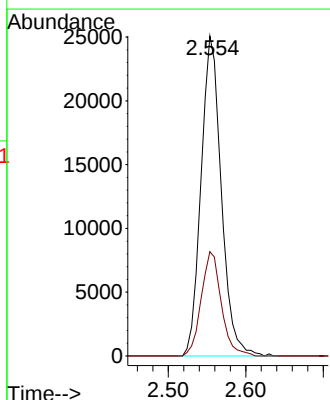
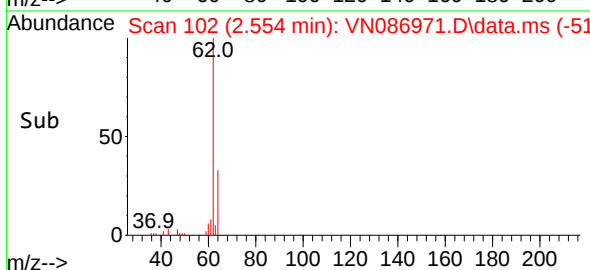
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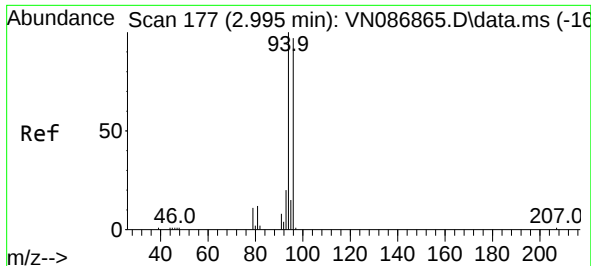


#4
Vinyl Chloride
Concen: 20.872 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



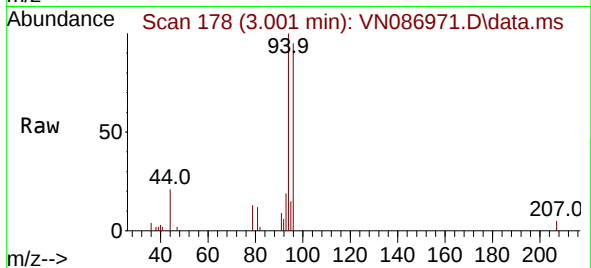
Tgt Ion: 62 Resp: 45490
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 16.682 ug/l
RT: 3.001 min Scan# 177
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

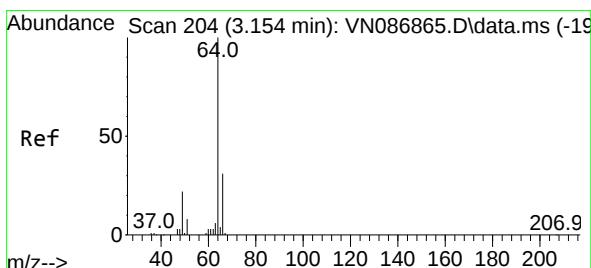
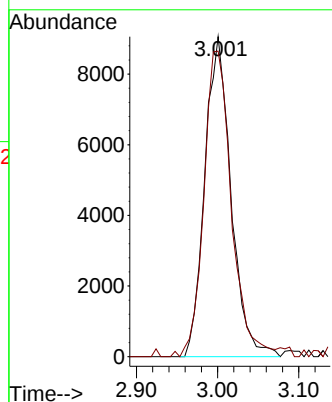
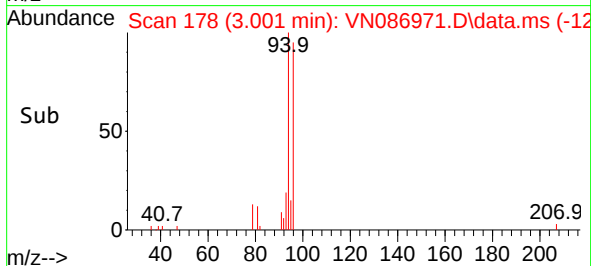
Instrument :
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Tgt Ion: 94 Resp: 20340
Ion Ratio Lower Upper
94 100
96 95.5 77.9 116.9

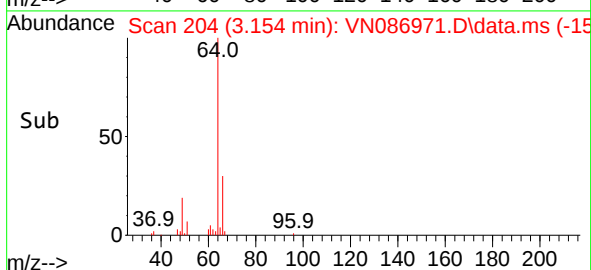
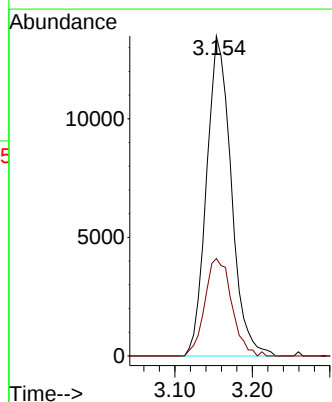
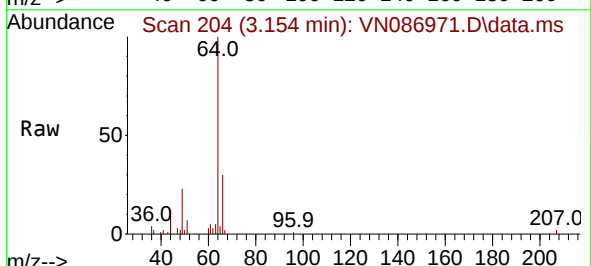
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#6
Chloroethane
Concen: 21.191 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion: 64 Resp: 29833
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8





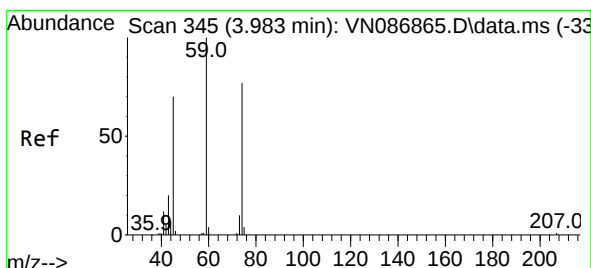
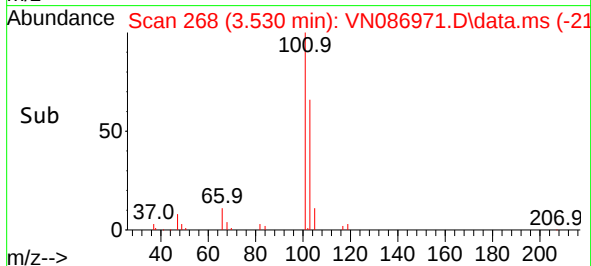
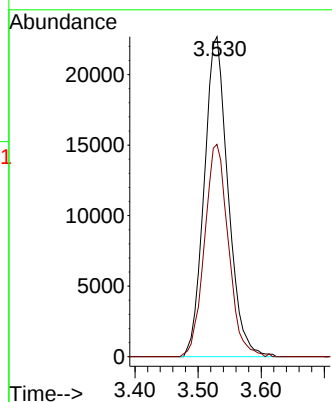
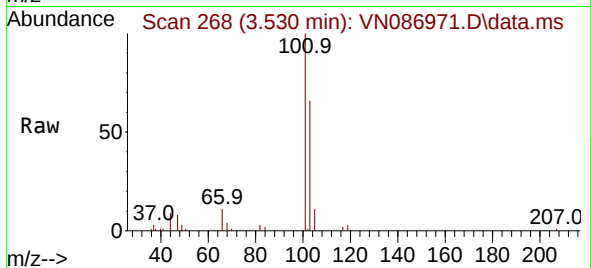
#7
Trichlorofluoromethane
Concen: 20.952 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:101 Resp: 5966
Ion Ratio Lower Upper
101 100
103 66.4 52.2 78.2

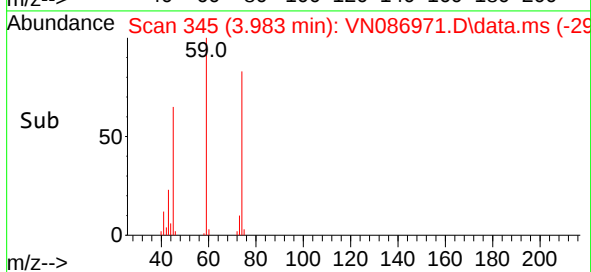
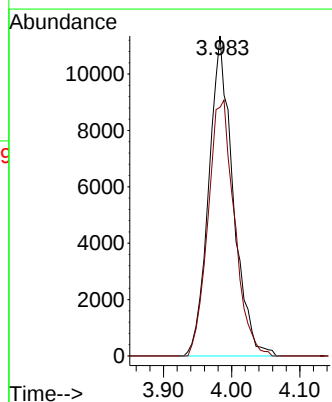
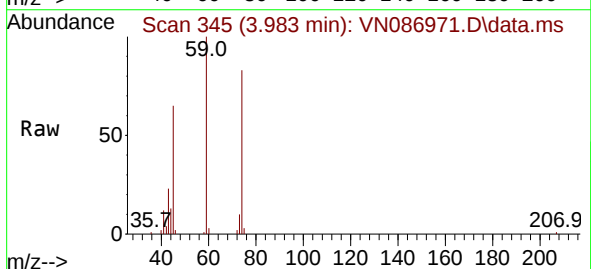
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#8
Diethyl Ether
Concen: 22.686 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion: 74 Resp: 28146
Ion Ratio Lower Upper
74 100
45 86.9 45.5 136.5





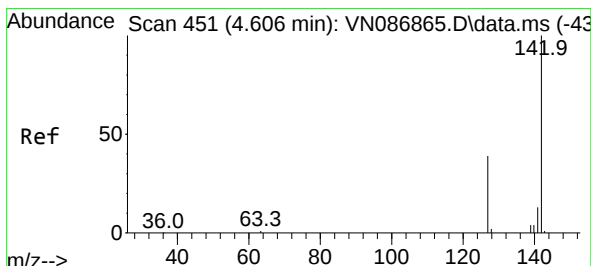
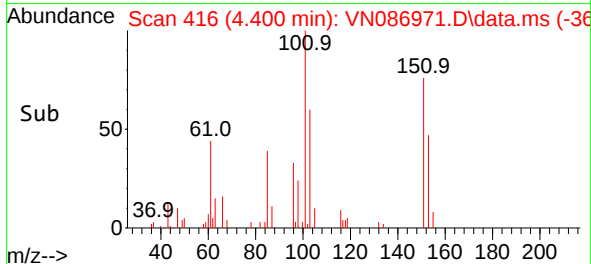
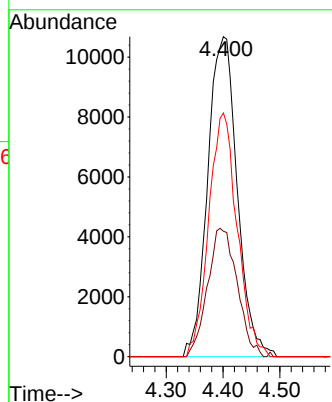
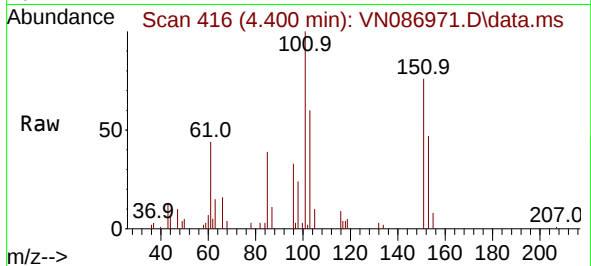
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.565 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
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Tgt Ion:101 Resp: 3858
Ion Ratio Lower Upper
101 100
85 40.2 33.8 50.8
151 73.1 58.7 88.1

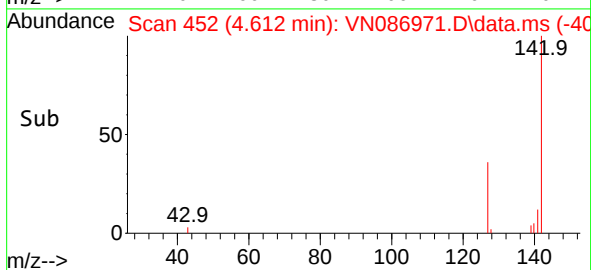
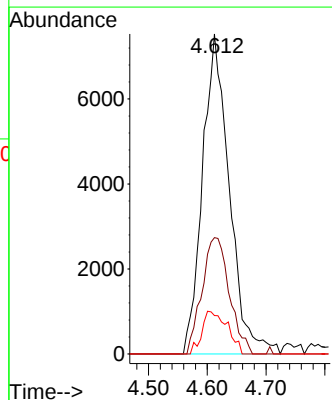
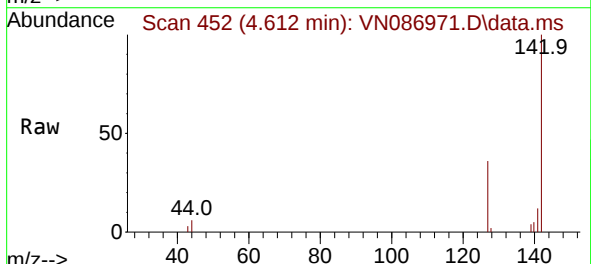
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#10
Methyl Iodide
Concen: 10.288 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

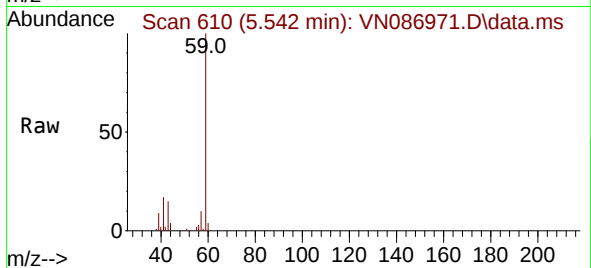
Tgt Ion:142 Resp: 23860
Ion Ratio Lower Upper
142 100
127 36.3 30.9 46.3
141 12.0 10.4 15.6





#11
Tert butyl alcohol
Concen: 109.424 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

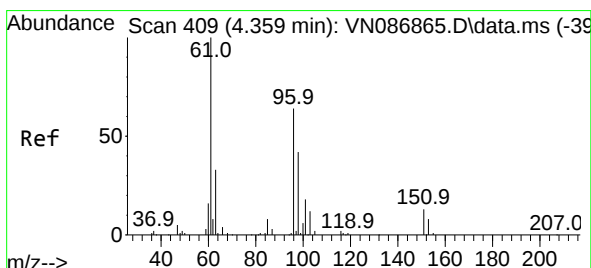
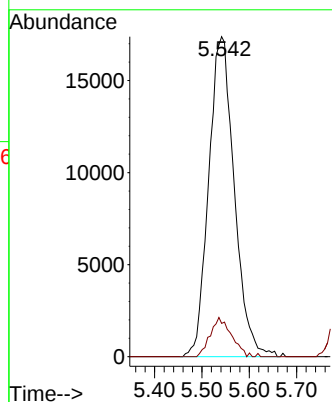
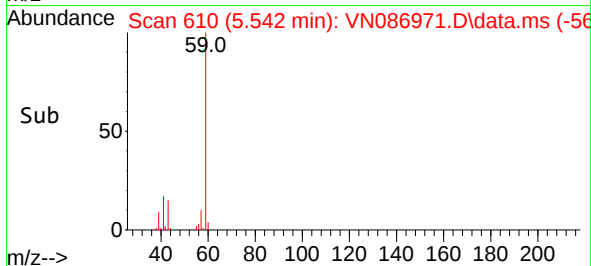
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



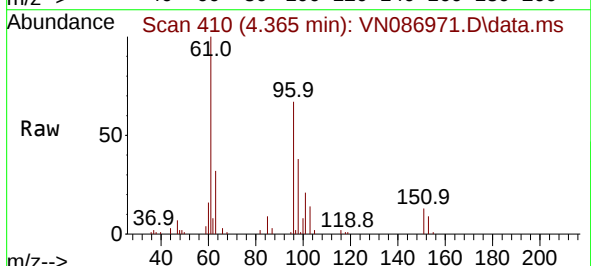
Tgt Ion: 59 Resp: 65234
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

Manual Integrations
APPROVED

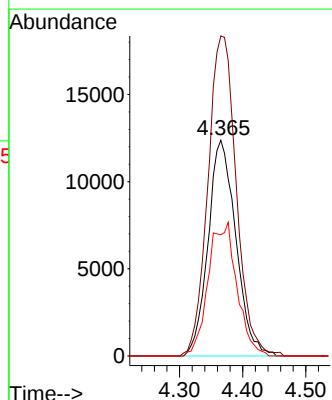
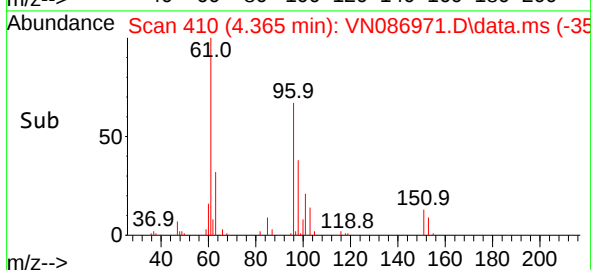
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

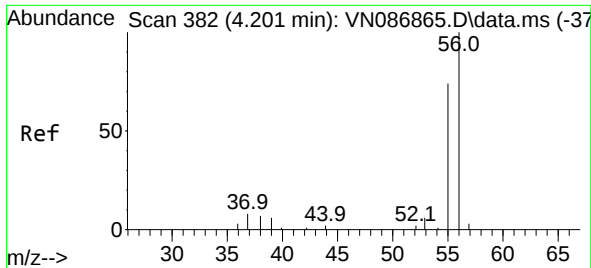


#12
1,1-Dichloroethene
Concen: 20.717 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



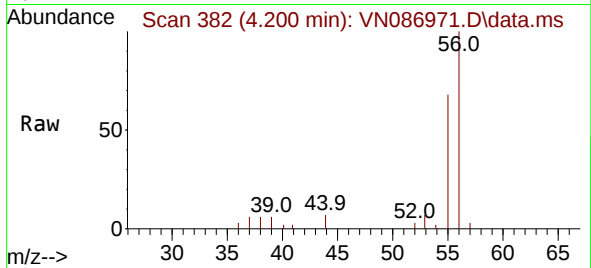
Tgt Ion: 96 Resp: 37838
Ion Ratio Lower Upper
96 100
61 148.4 125.8 188.6
98 56.3 52.5 78.7





#13
Acrolein
Concen: 181.543 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

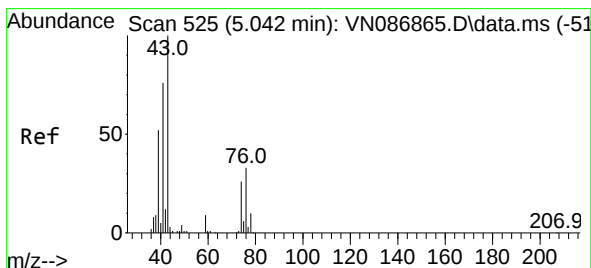
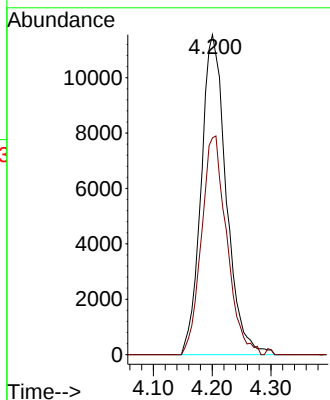
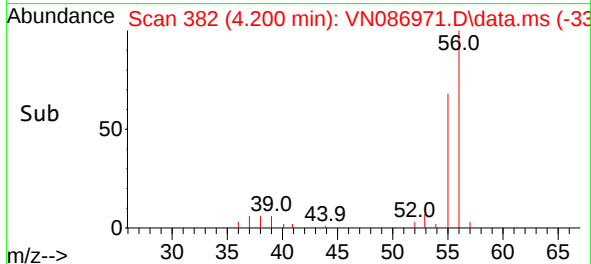
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 56 Resp: 34258
Ion Ratio Lower Upper
56 100
55 68.9 55.6 83.4

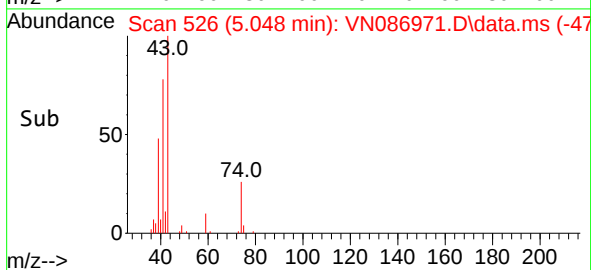
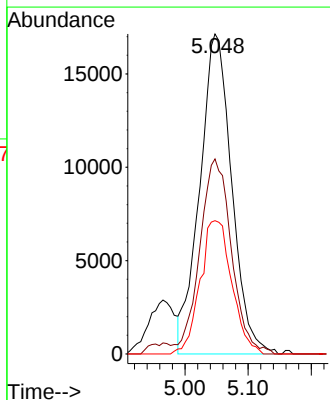
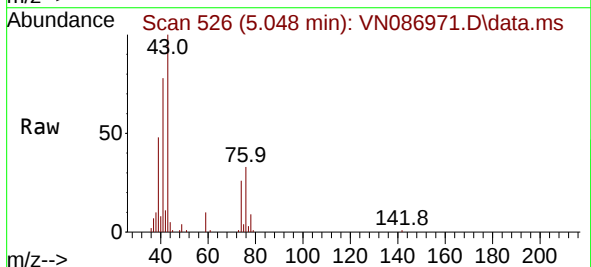
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#14
Allyl chloride
Concen: 19.930 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

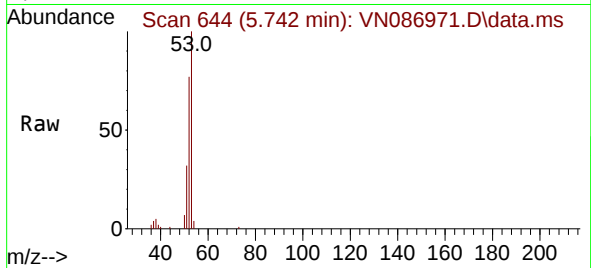
Tgt Ion: 41 Resp: 60368
Ion Ratio Lower Upper
41 100
39 60.0 51.3 76.9
76 41.2 31.4 47.0





#15
Acrylonitrile
Concen: 112.272 ug/l
RT: 5.742 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

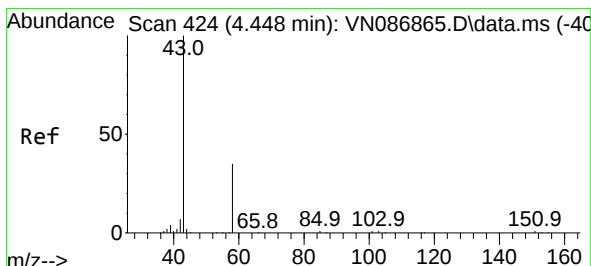
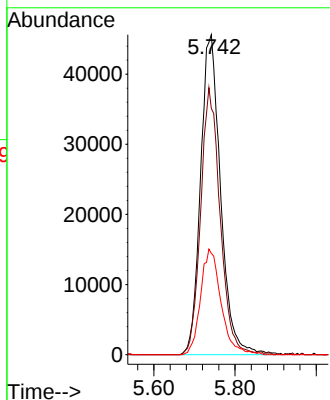
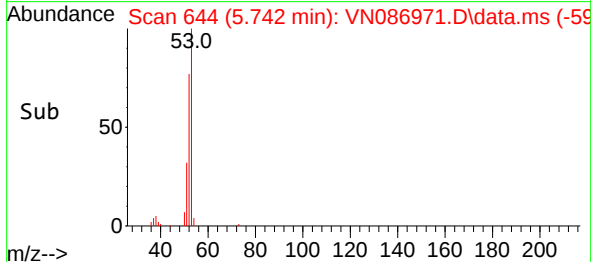
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



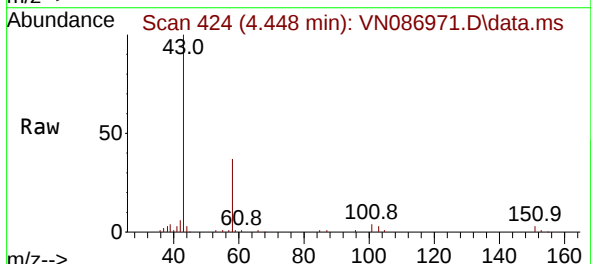
Tgt Ion: 53 Resp: 15644
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.6
51 33.7 27.2 40.8

Manual Integrations
APPROVED

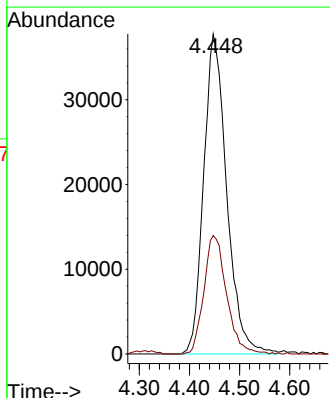
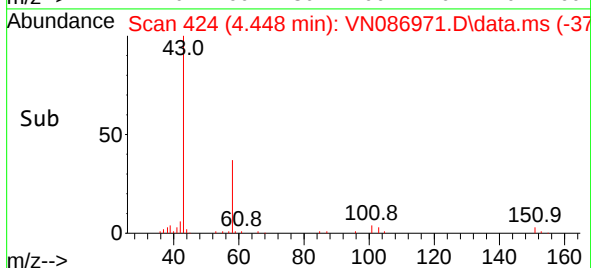
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Acetone
Concen: 103.500 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion: 43 Resp: 120591
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0





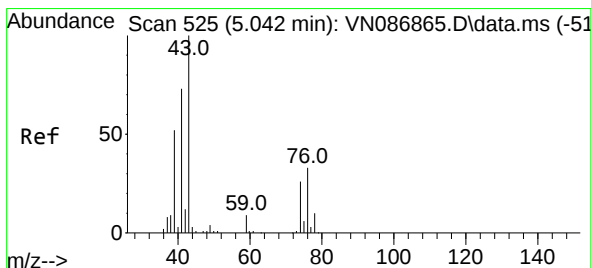
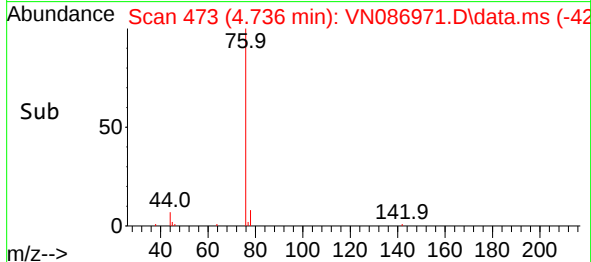
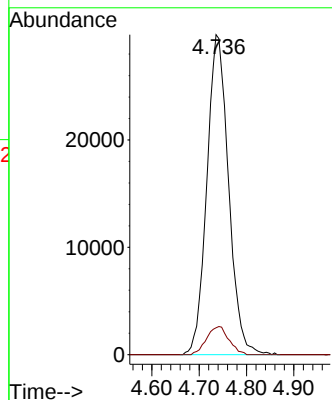
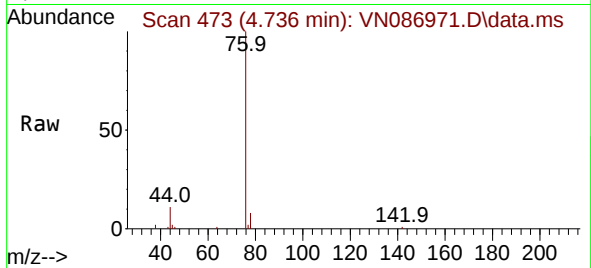
#17
Carbon Disulfide
Concen: 18.818 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 76 Resp: 95072
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

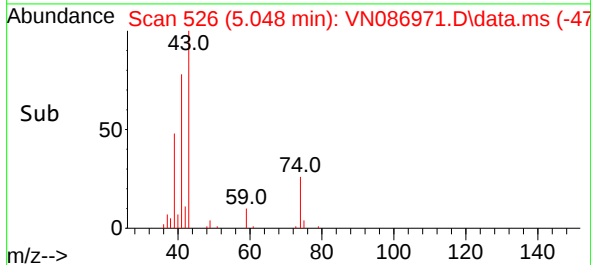
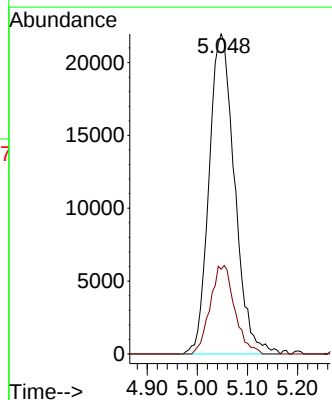
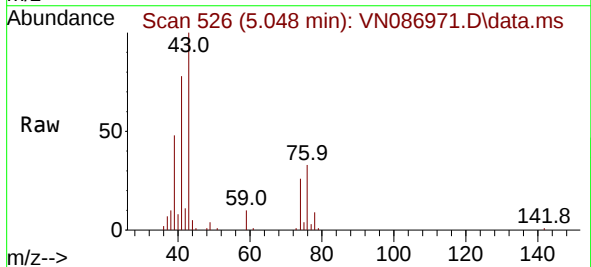
Manual Integrations
APPROVED

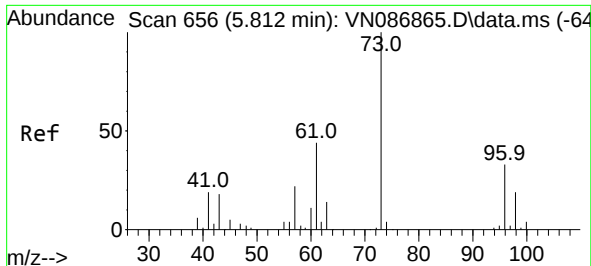
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#18
Methyl Acetate
Concen: 22.881 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

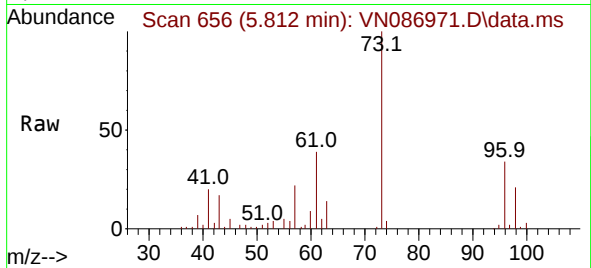
Tgt Ion: 43 Resp: 77691
Ion Ratio Lower Upper
43 100
74 26.5 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 22.712 ug/l
RT: 5.812 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

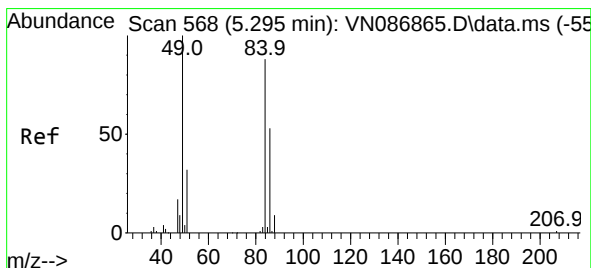
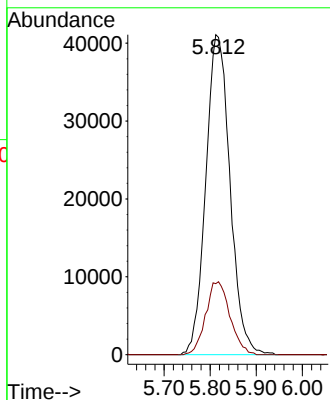
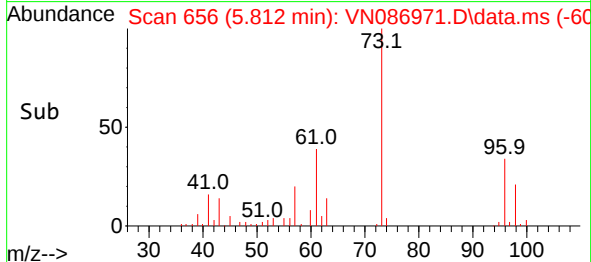
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



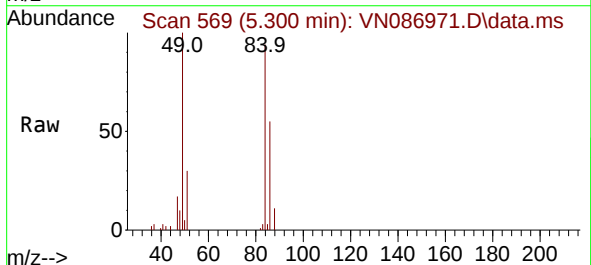
Tgt Ion: 73 Resp: 15019
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

Manual Integrations
APPROVED

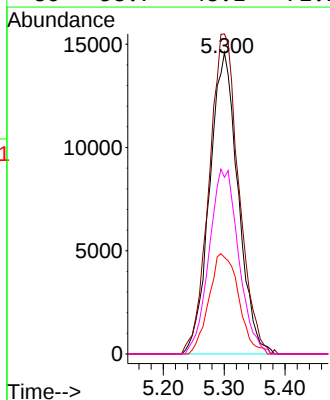
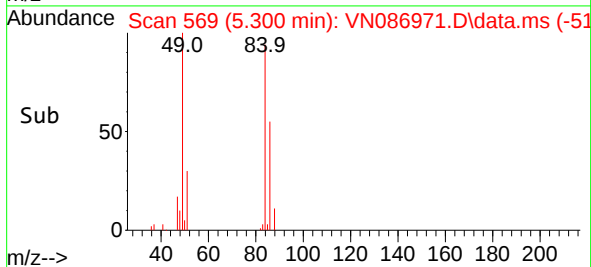
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

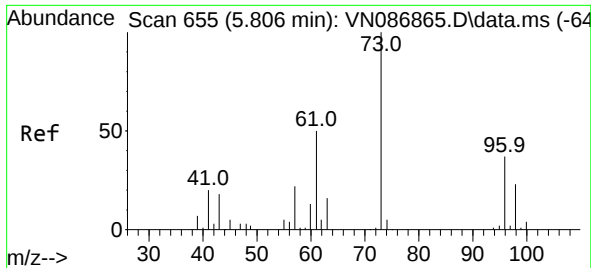


#20
Methylene Chloride
Concen: 21.704 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion: 84 Resp: 47343
Ion Ratio Lower Upper
84 100
49 106.2 90.5 135.7
51 32.1 28.5 42.7
86 58.7 48.1 72.1





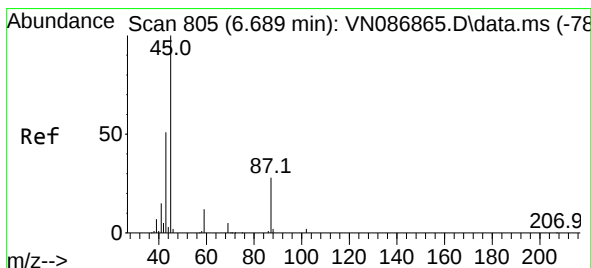
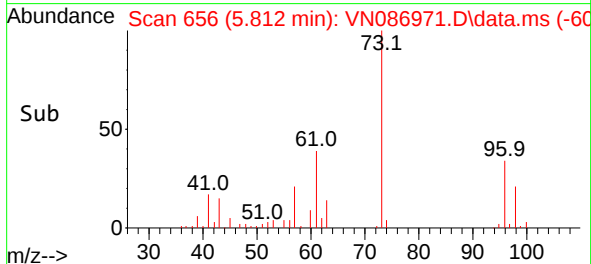
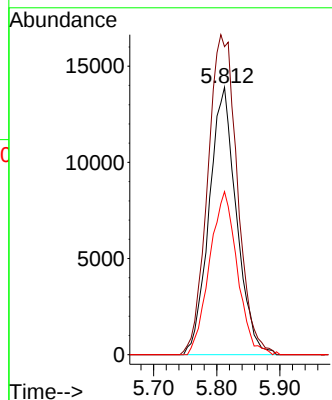
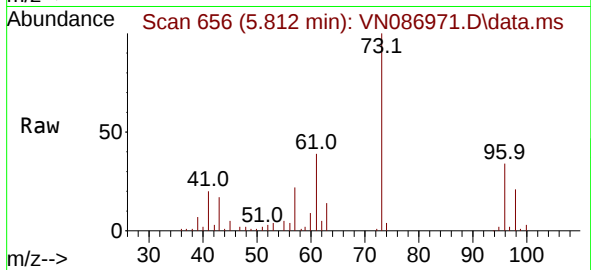
#21
trans-1,2-Dichloroethene
Concen: 20.578 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 96 Resp: 41810
Ion Ratio Lower Upper
96 100
61 115.2 109.2 163.8
98 61.0 49.8 74.8

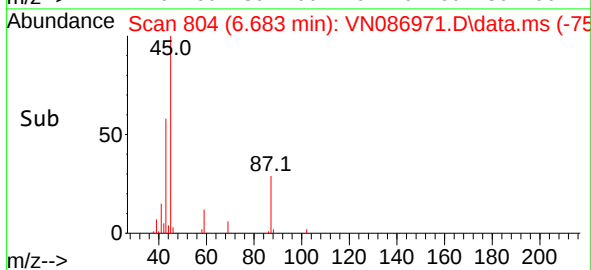
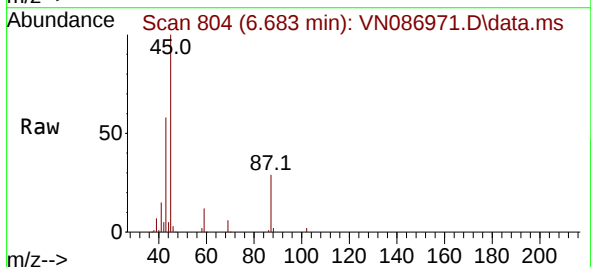
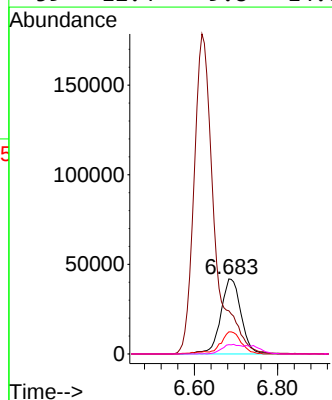
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#22
Diisopropyl ether
Concen: 22.217 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

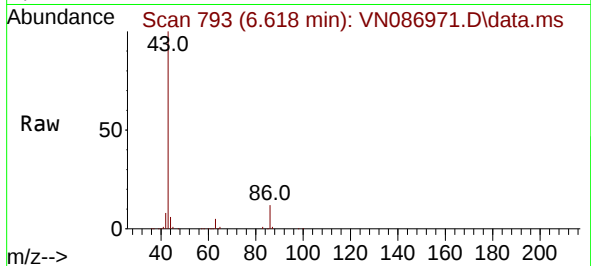
Tgt Ion: 45 Resp: 141855
Ion Ratio Lower Upper
45 100
43 56.8 41.9 62.9
87 29.3 22.4 33.6
59 12.4 9.8 14.6





#23
 Vinyl Acetate
 Concen: 110.958 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53

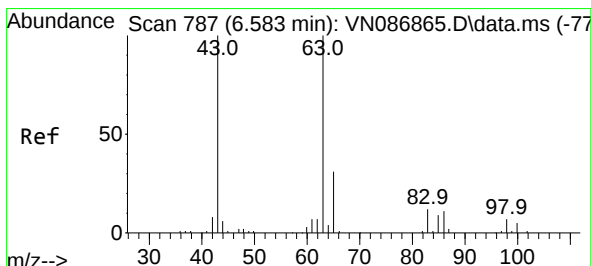
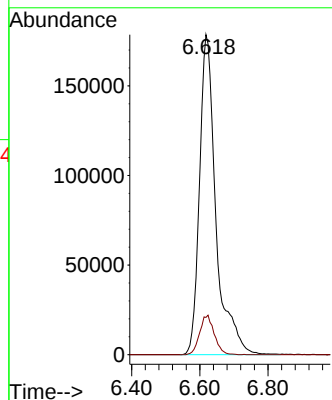
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01



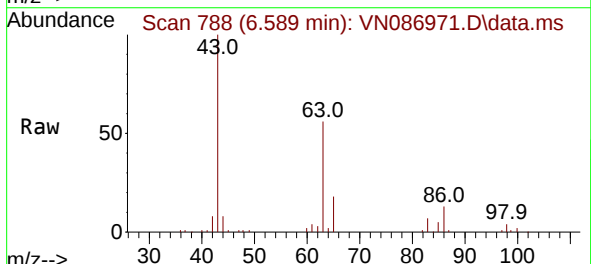
Tgt Ion: 43 Resp: 598570
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.5 14.3

Manual Integrations
 APPROVED

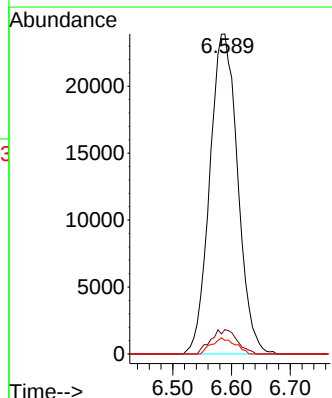
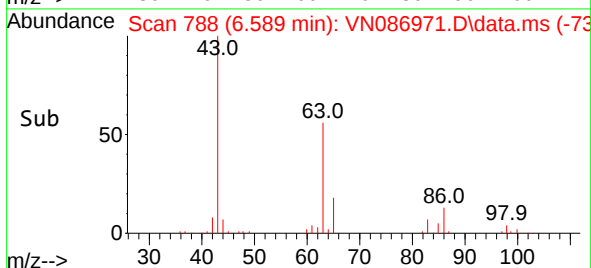
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#24
 1,1-Dichloroethane
 Concen: 21.458 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53



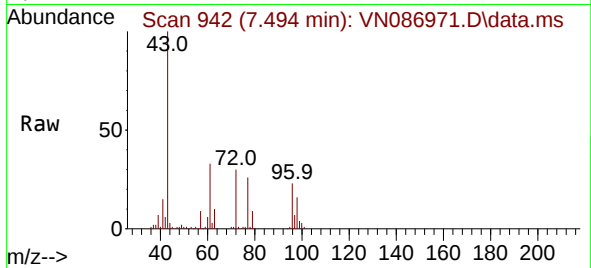
Tgt Ion: 63 Resp: 78845
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.2 2.6 7.8





#25
2-Butanone
Concen: 108.054 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

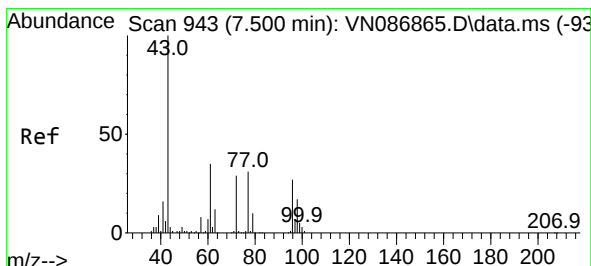
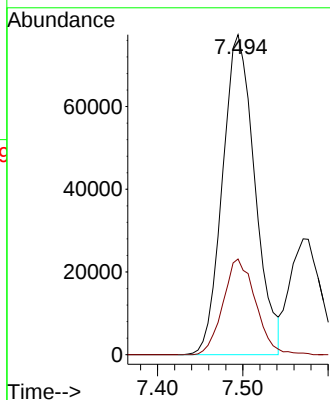
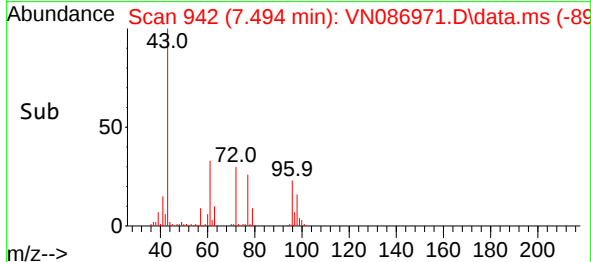
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



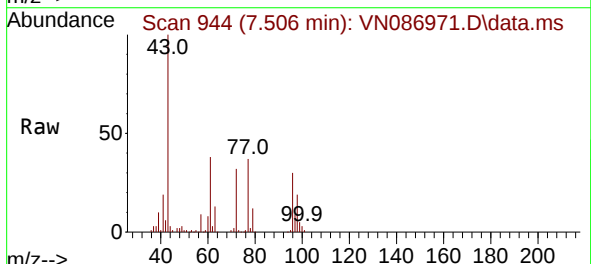
Tgt Ion: 43 Resp: 20464
Ion Ratio Lower Upper
43 100
72 29.9 23.0 34.6

Manual Integrations
APPROVED

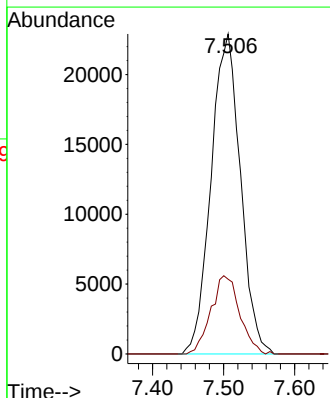
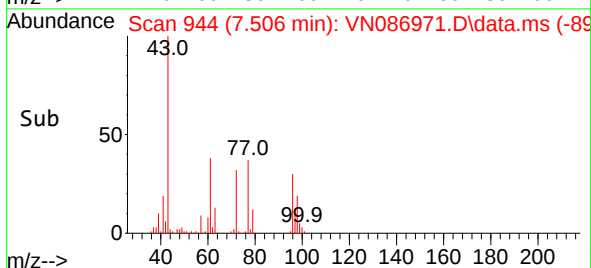
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

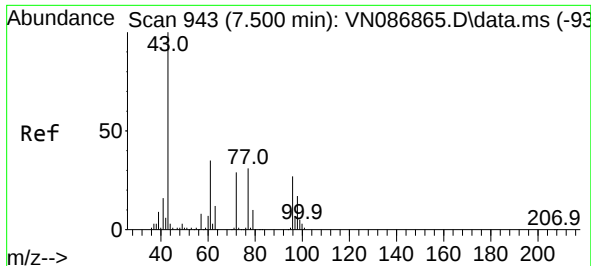


#26
2,2-Dichloropropane
Concen: 22.997 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



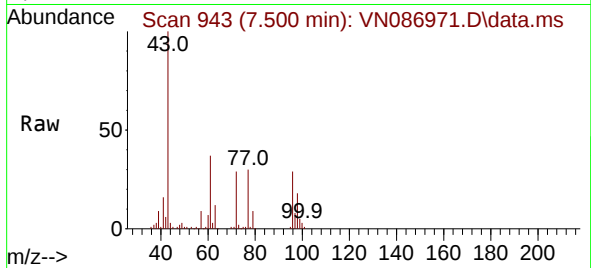
Tgt Ion: 77 Resp: 65732
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 21.697 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53

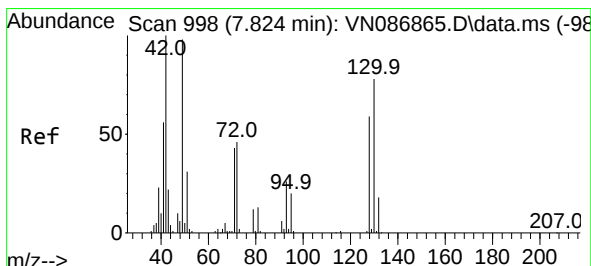
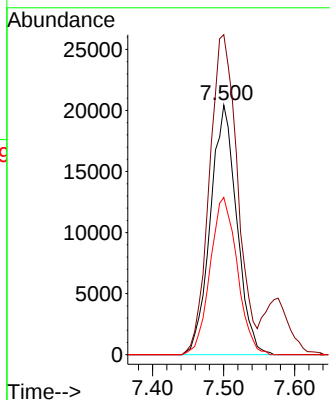
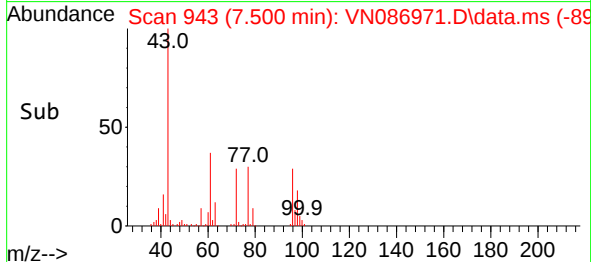
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01



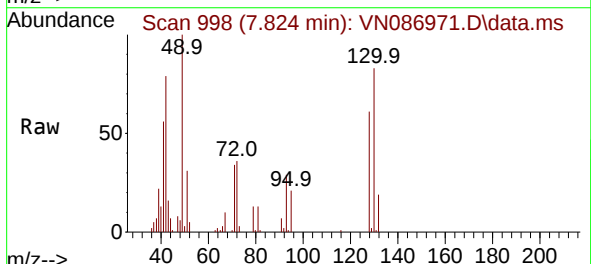
Tgt Ion: 96 Resp: 52729
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 278.0
 98 64.7 0.0 128.2

Manual Integrations
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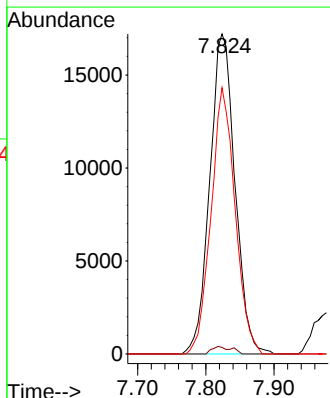
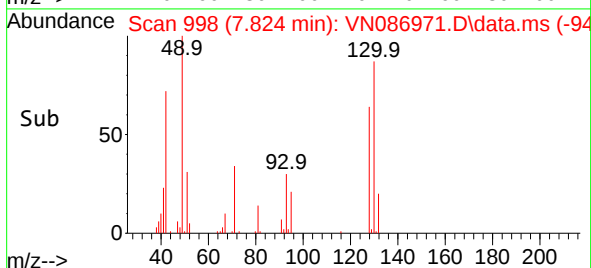
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

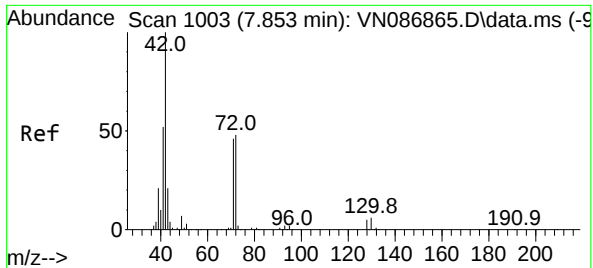


#28
 Bromochloromethane
 Concen: 24.536 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53



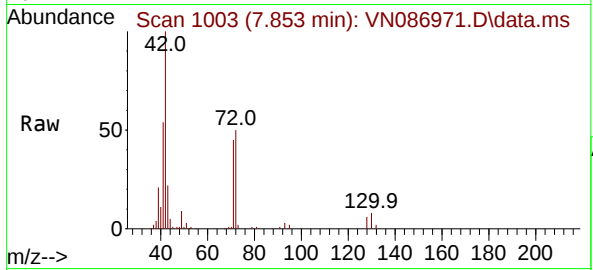
Tgt Ion: 49 Resp: 44328
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 79.3 62.2 93.2





#29
Tetrahydrofuran
Concen: 108.959 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

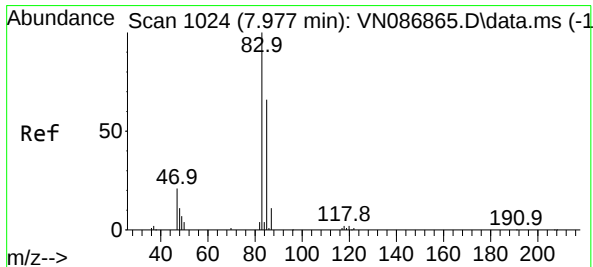
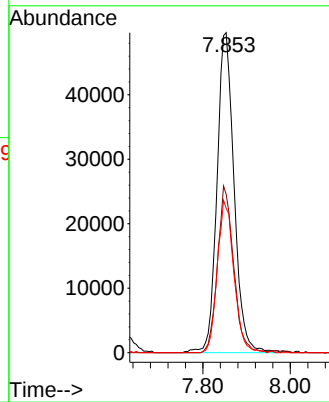
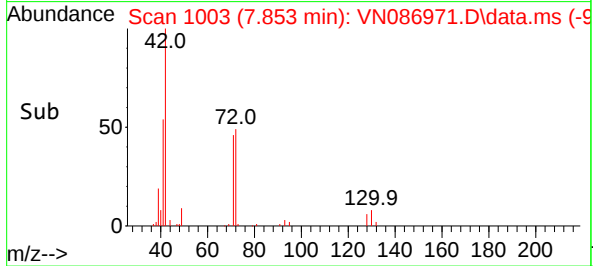
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



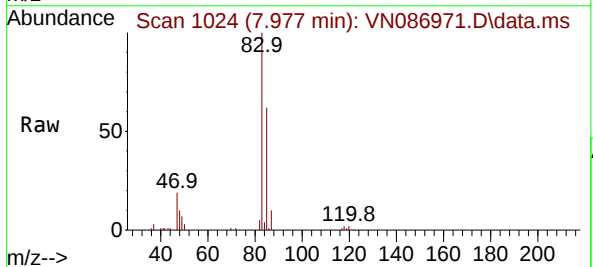
Tgt Ion: 42 Resp: 134420
Ion Ratio Lower Upper
42 100
72 49.1 37.8 56.6
71 46.0 35.6 53.4

Manual Integrations
APPROVED

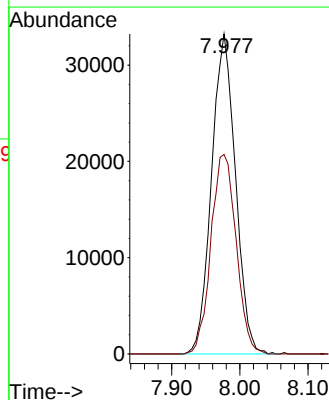
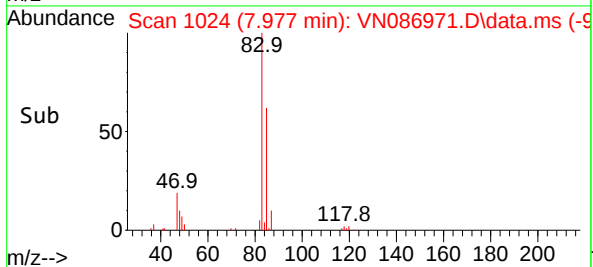
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

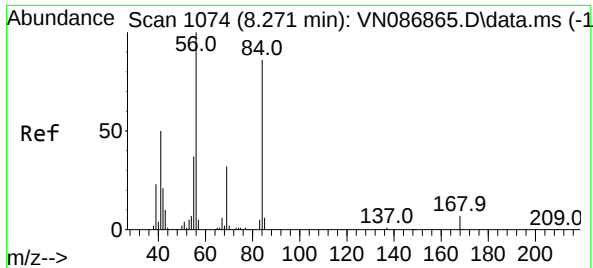


#30
Chloroform
Concen: 22.134 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



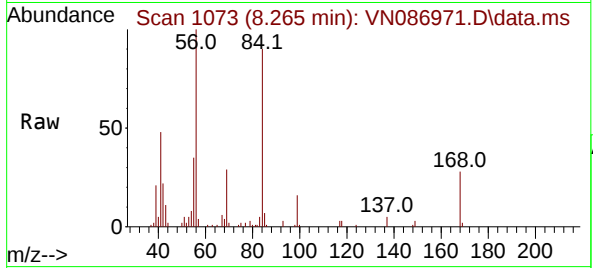
Tgt Ion: 83 Resp: 81220
Ion Ratio Lower Upper
83 100
85 62.3 52.9 79.3





#31
Cyclohexane
Concen: 18.837 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

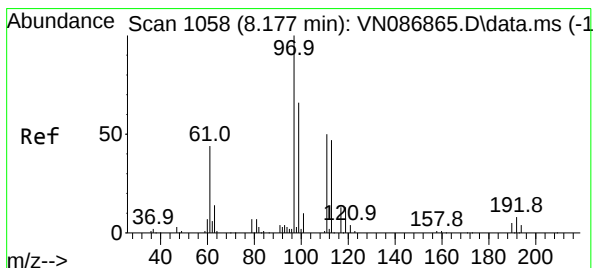
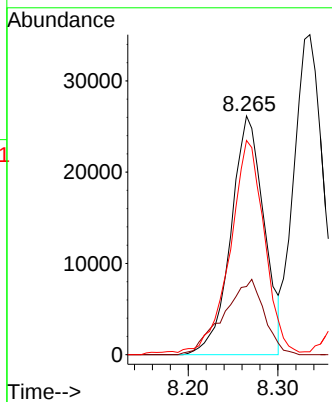
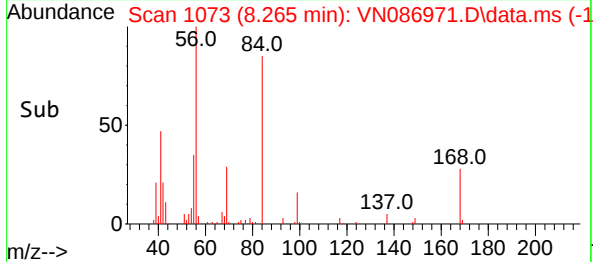
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 56 Resp: 67124
Ion Ratio Lower Upper
56 100
69 28.5 25.4 38.0
84 88.8 68.8 103.2

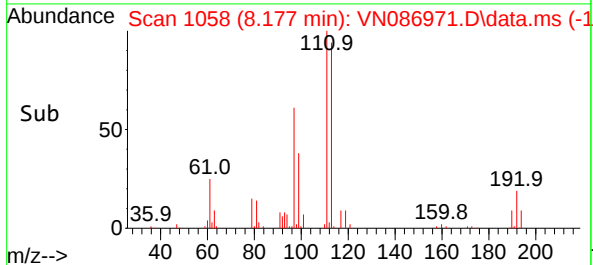
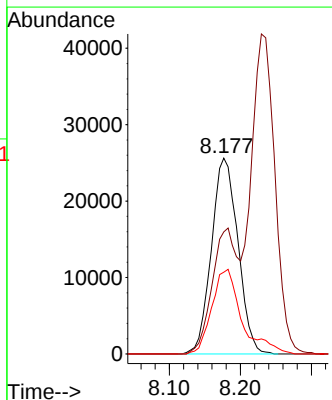
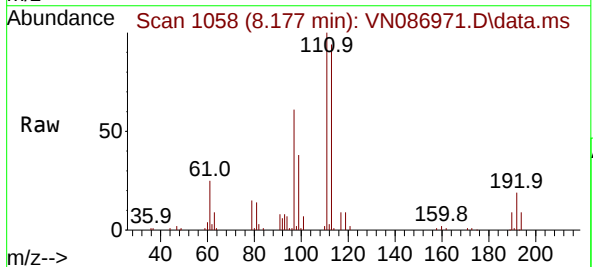
Manual Integrations
APPROVED

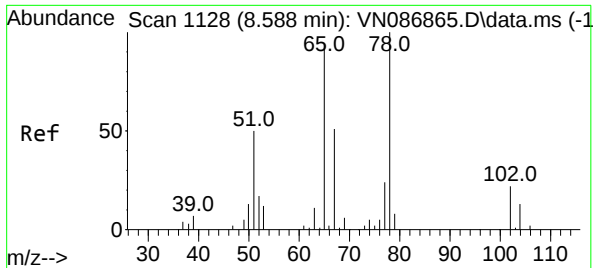
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#32
1,1,1-Trichloroethane
Concen: 21.222 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion: 97 Resp: 66235
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 48.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 54.572 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 65 Resp: 119898

Ion Ratio Lower Upper

65 100

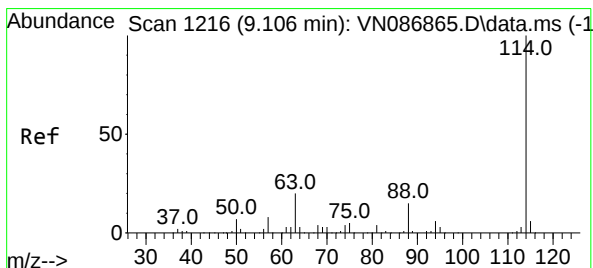
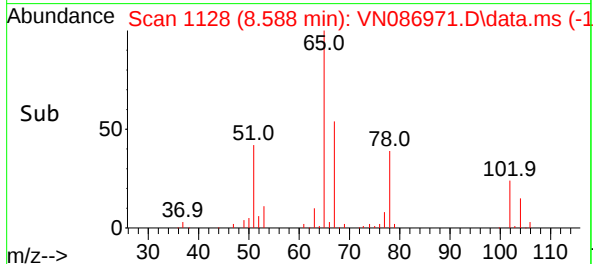
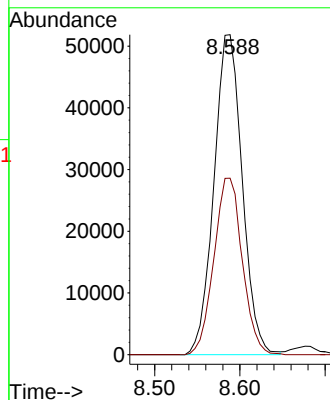
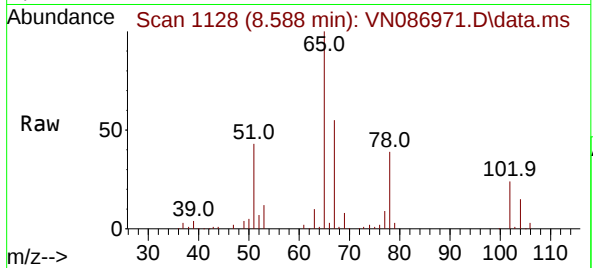
67 55.3 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

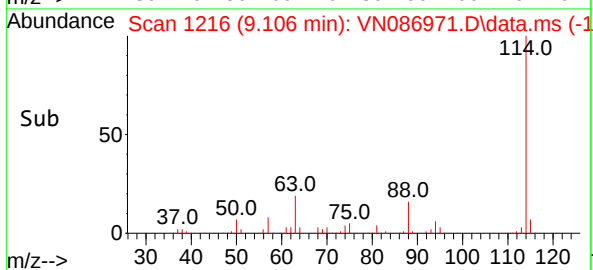
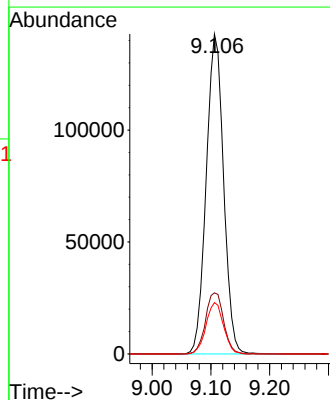
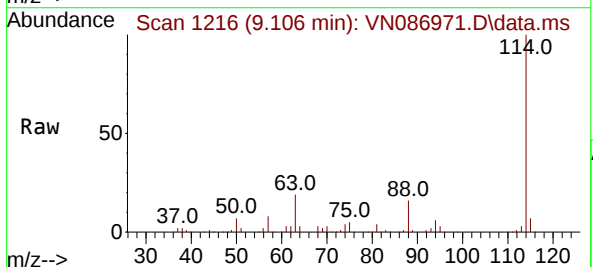
Tgt Ion:114 Resp: 292991

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

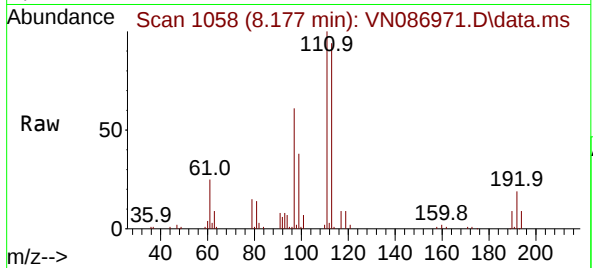
88 16.0 0.0 30.2





#35
 Dibromofluoromethane
 Concen: 57.422 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53

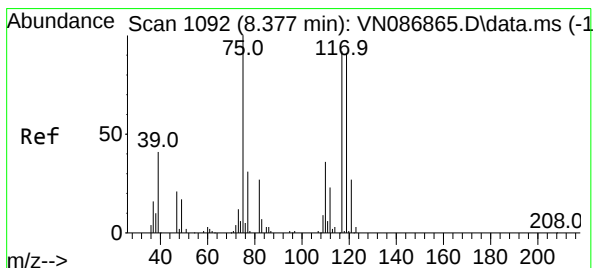
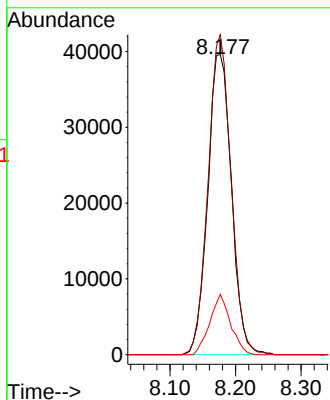
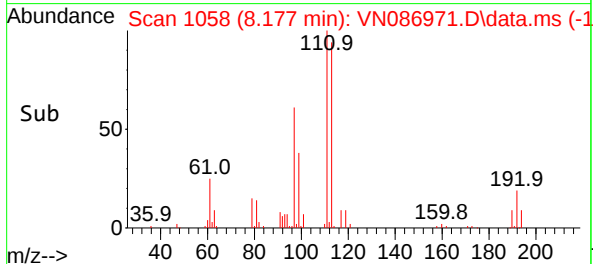
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01



Tgt Ion: 113 Resp: 9970
 Ion Ratio Lower Upper
 113 100
 111 102.7 84.2 126.2
 192 17.5 14.2 21.4

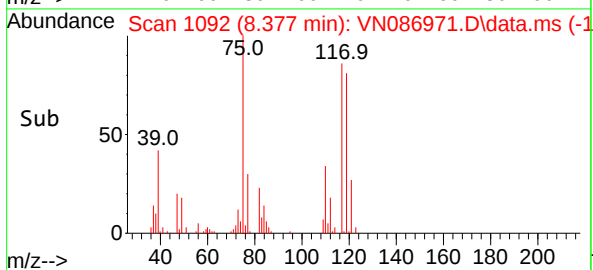
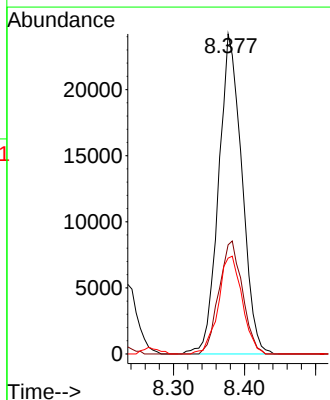
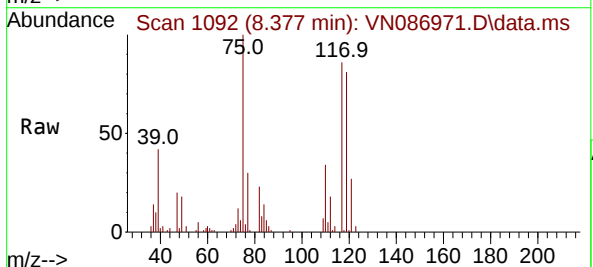
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#36
 1,1-Dichloropropene
 Concen: 21.222 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53

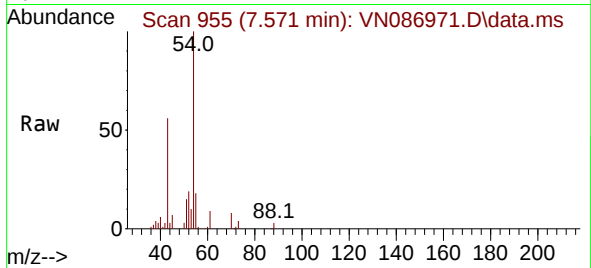
Tgt Ion: 75 Resp: 54907
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.6 52.9
 77 31.4 25.3 37.9





#37
Ethyl Acetate
Concen: 23.067 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

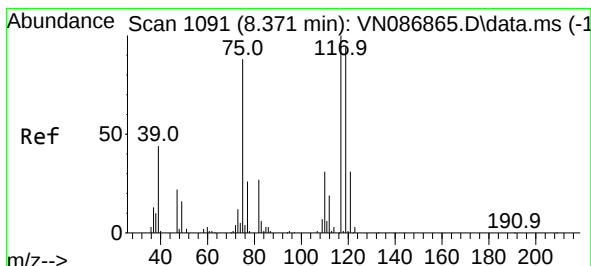
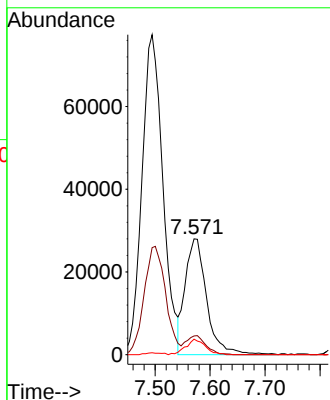
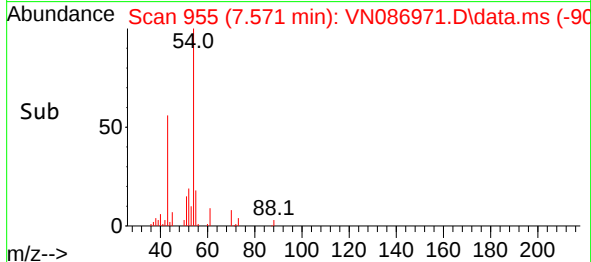
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 43 Resp: 7597
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 12.0 9.8 14.6

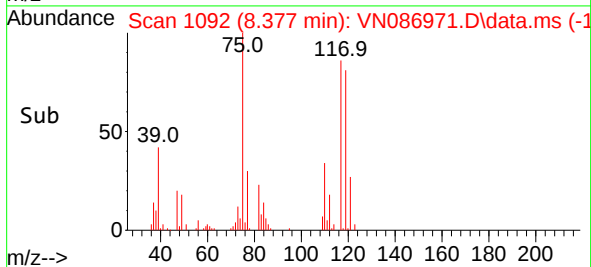
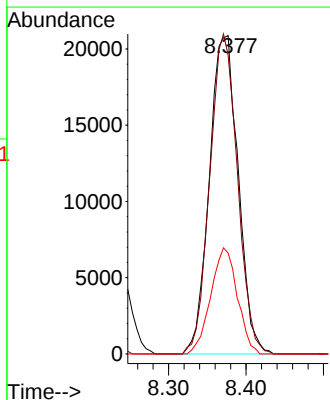
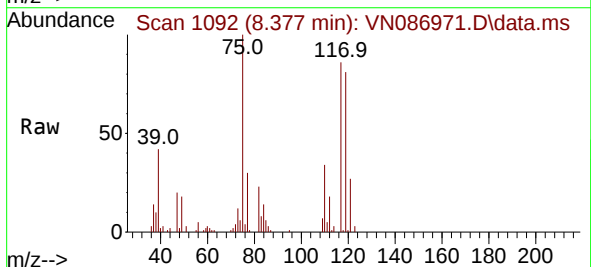
Manual Integrations
APPROVED

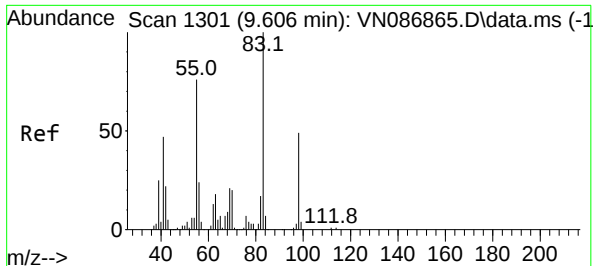
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#38
Carbon Tetrachloride
Concen: 21.245 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion:117 Resp: 53964
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 31.7 24.9 37.3





#39

Methylcyclohexane

Concen: 17.858 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

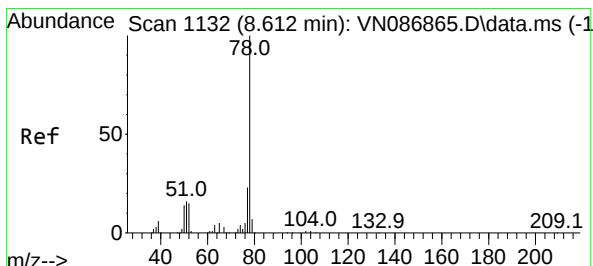
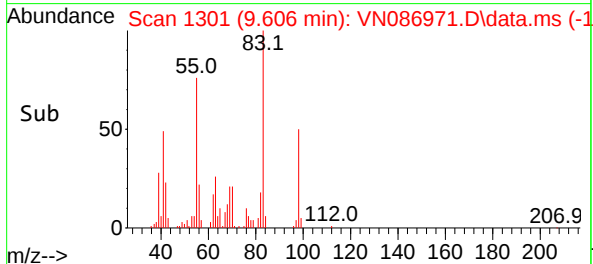
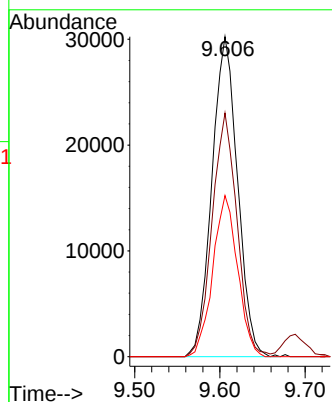
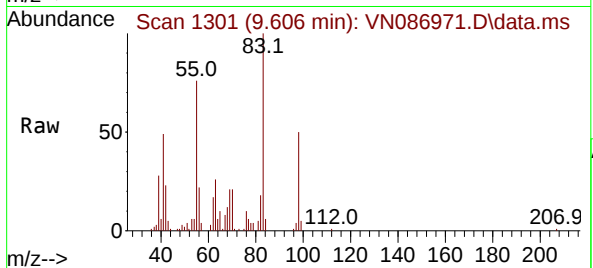
Tgt Ion:	83	Resp:	6330
Ion Ratio	Lower	Upper	
83	100		
55	76.2	61.0	91.6
98	50.3	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#40

Benzene

Concen: 21.558 ug/l

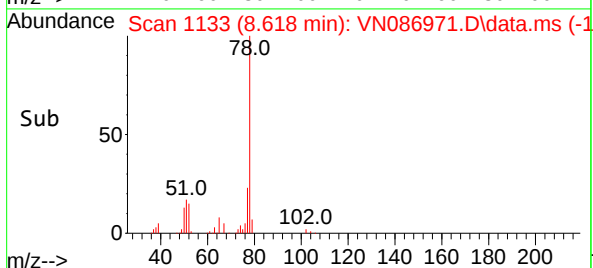
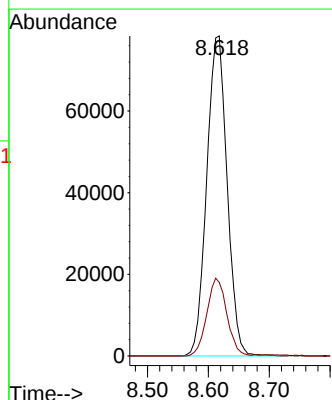
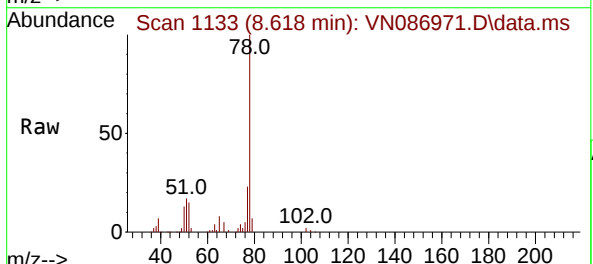
RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

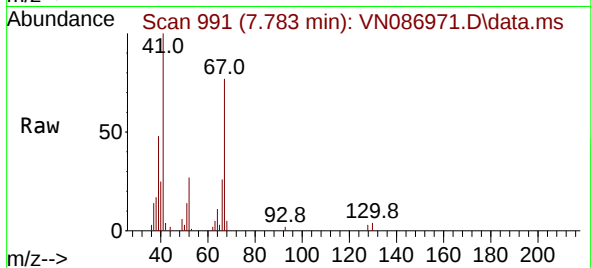
Tgt Ion:	78	Resp:	182395
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.7	28.1





#41
Methacrylonitrile
Concen: 22.544 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

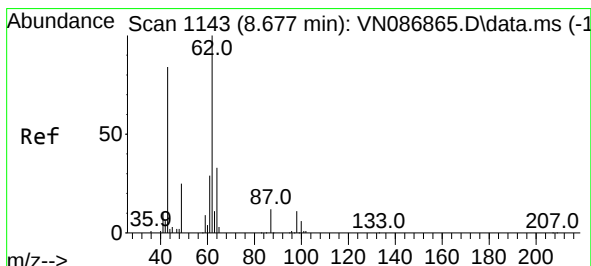
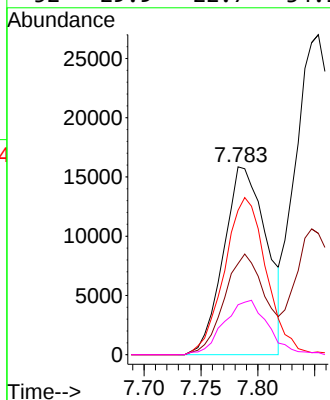
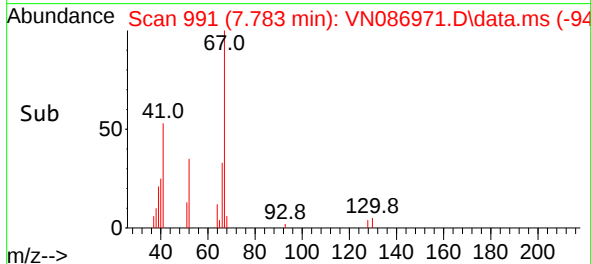
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion:	41	Resp:	41700
Ion Ratio	Lower	Upper	
41	100		
39	51.2	41.2	61.8
67	81.8	61.4	92.2
52	29.9	22.7	34.1

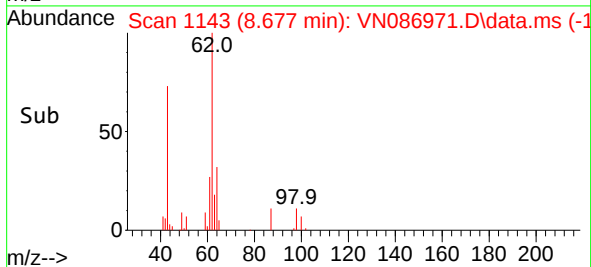
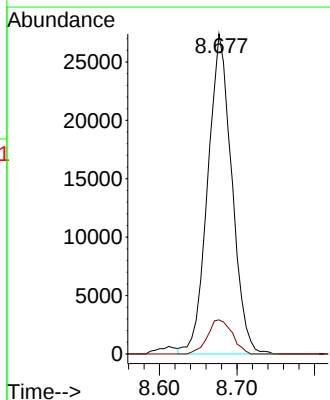
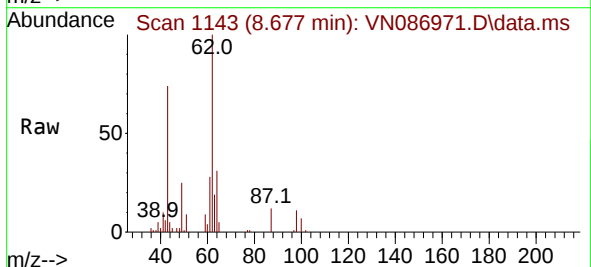
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#42
1,2-Dichloroethane
Concen: 23.011 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

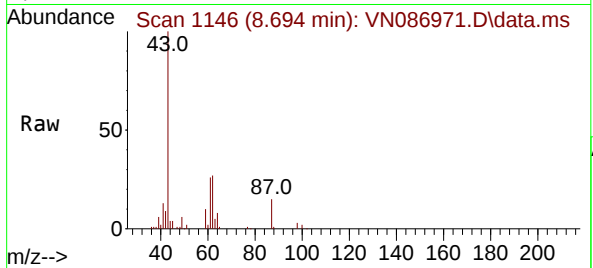
Tgt Ion:	62	Resp:	59051
Ion Ratio	Lower	Upper	
62	100		
98	11.0	0.0	21.2





#43
Isopropyl Acetate
Concen: 22.155 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

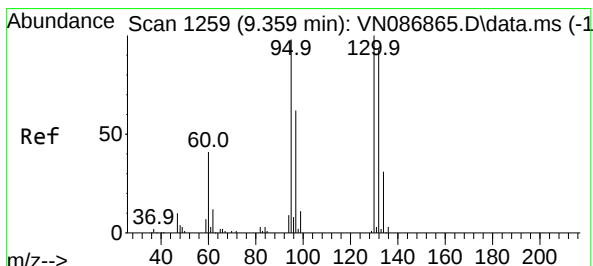
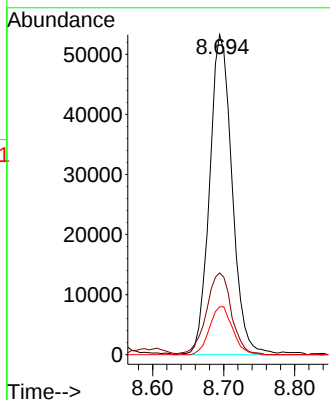
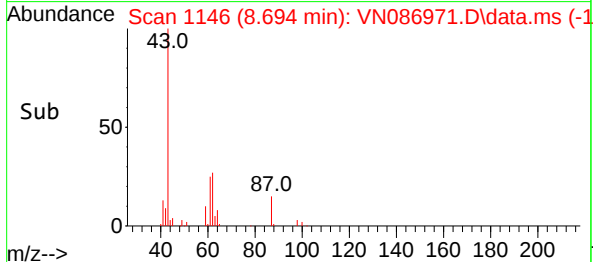
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



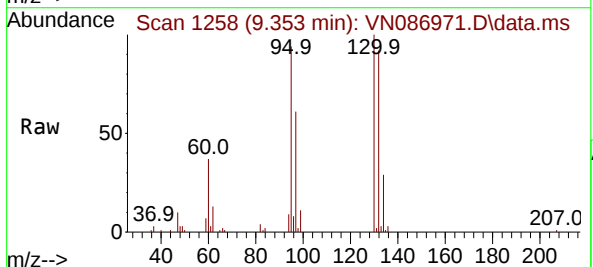
Tgt Ion: 43 Resp: 117119
Ion Ratio Lower Upper
43 100
61 28.4 22.1 33.1
87 15.3 11.8 17.6

Manual Integrations
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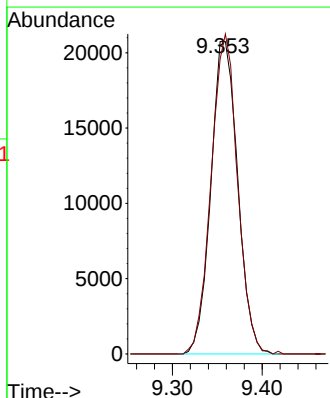
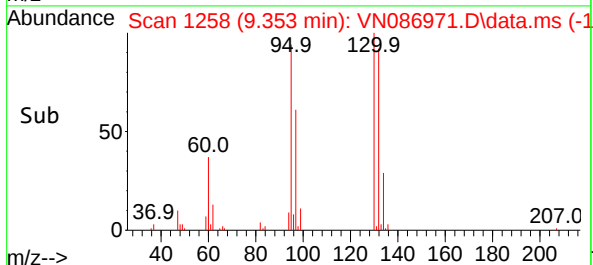
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

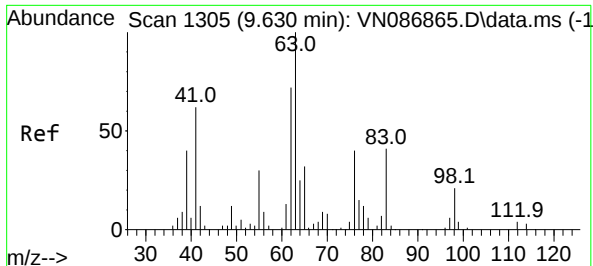


#44
Trichloroethene
Concen: 21.495 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion:130 Resp: 43122
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 22.362 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 63 Resp: 46029

Ion Ratio Lower Upper

63 100

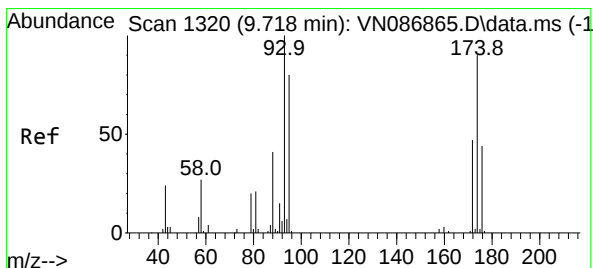
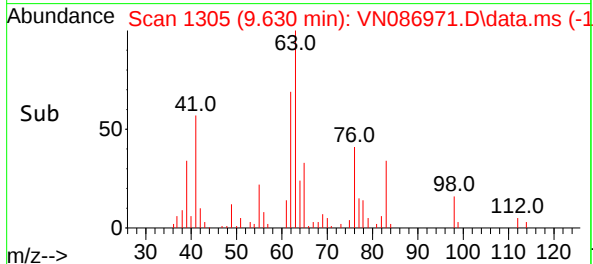
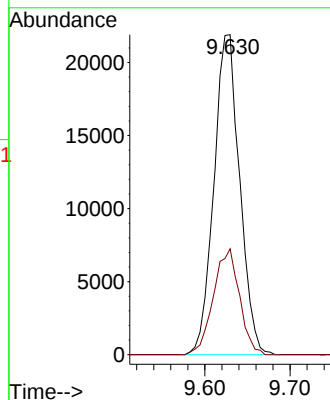
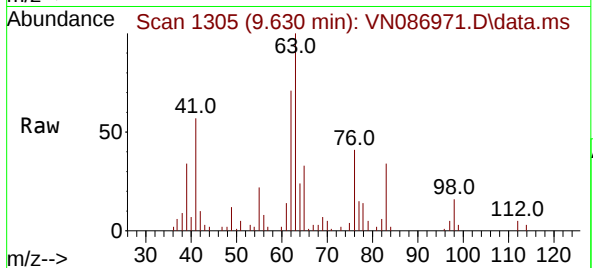
65 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#46

Dibromomethane

Concen: 23.226 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

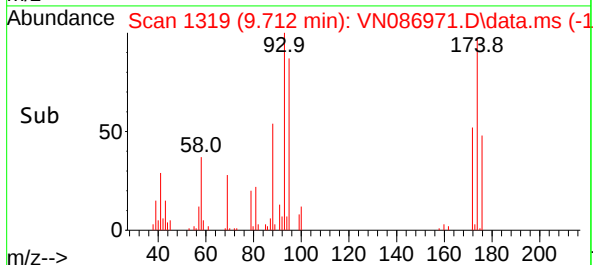
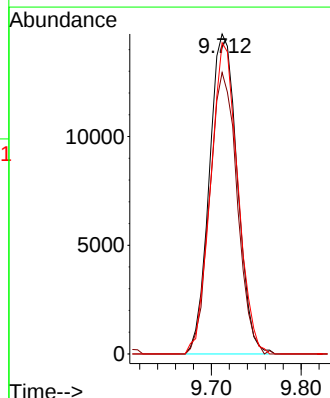
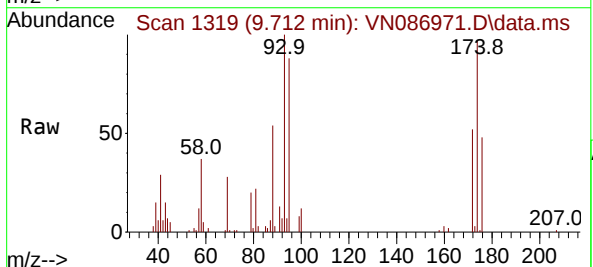
Tgt Ion: 93 Resp: 31754

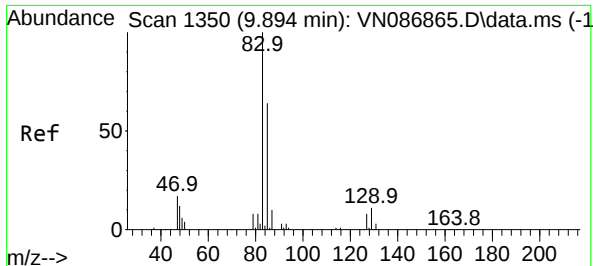
Ion Ratio Lower Upper

93 100

95 86.7 67.1 100.7

174 94.6 74.2 111.4





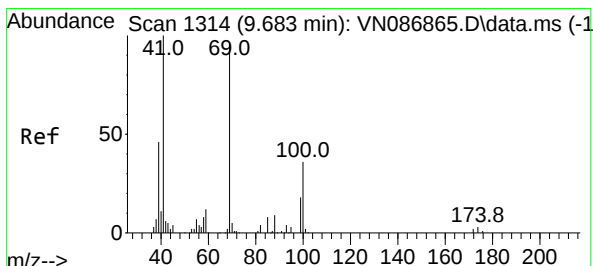
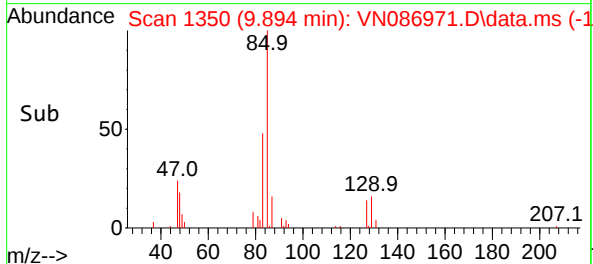
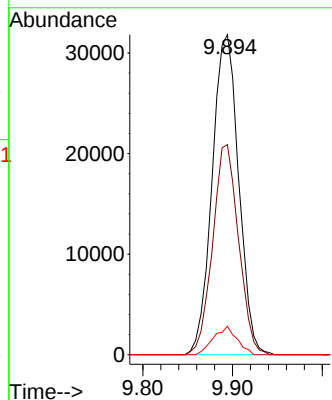
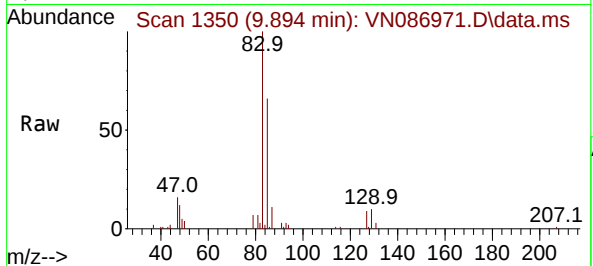
#47
Bromodichloromethane
Concen: 23.182 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 83 Resp: 6521
Ion Ratio Lower Upper
83 100
85 65.6 50.9 76.3
127 8.9 6.6 10.0

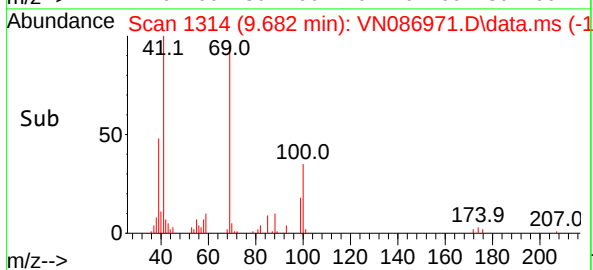
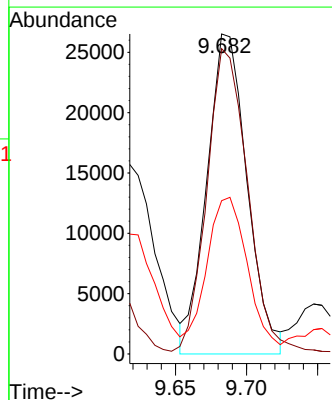
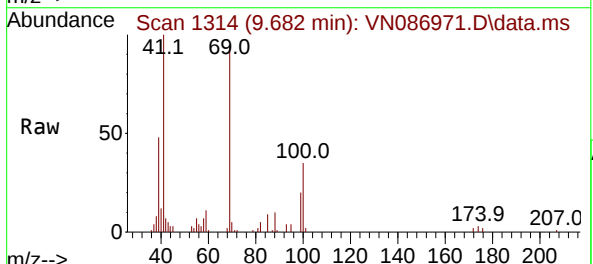
Manual Integrations
APPROVED

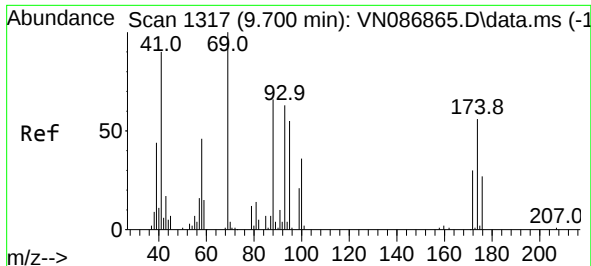
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#48
Methyl methacrylate
Concen: 21.492 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

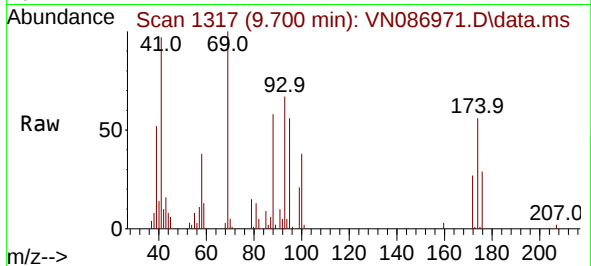
Tgt Ion: 41 Resp: 52292
Ion Ratio Lower Upper
41 100
69 97.9 74.6 112.0
39 50.8 40.2 60.4





#49
1,4-Dioxane
Concen: 485.455 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

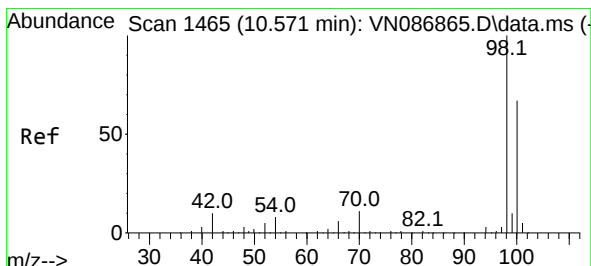
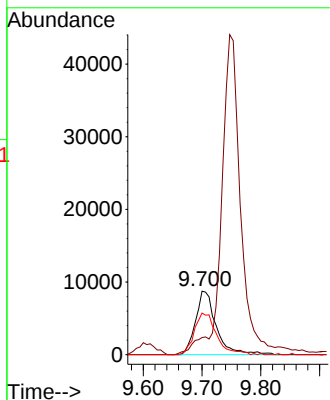
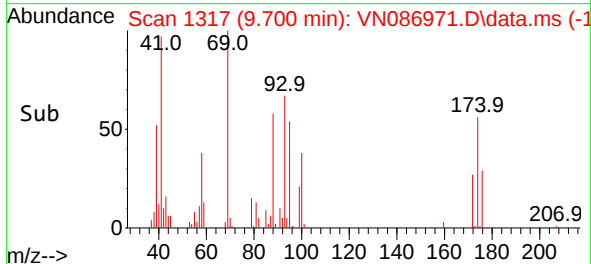
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 88 Resp: 21488
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.1 57.7 86.5

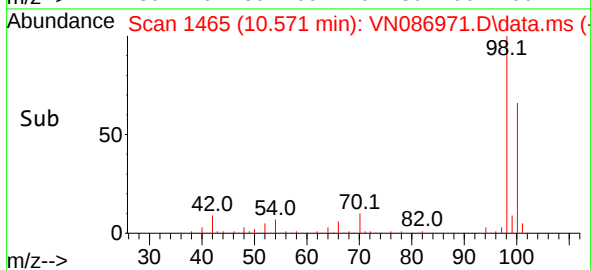
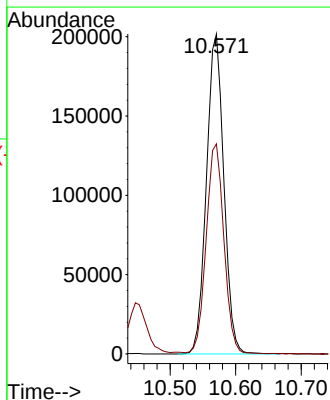
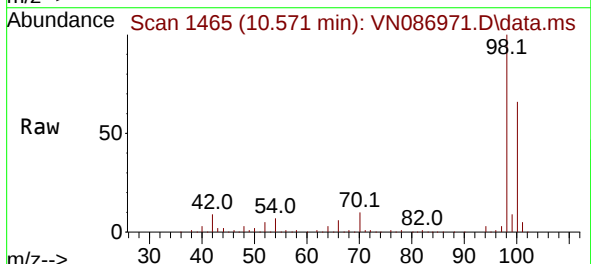
Manual Integrations
APPROVED

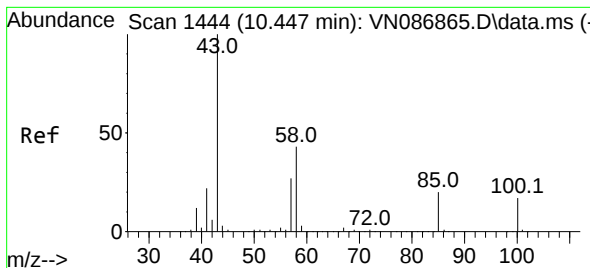
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#50
Toluene-d8
Concen: 54.069 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion: 98 Resp: 371654
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0





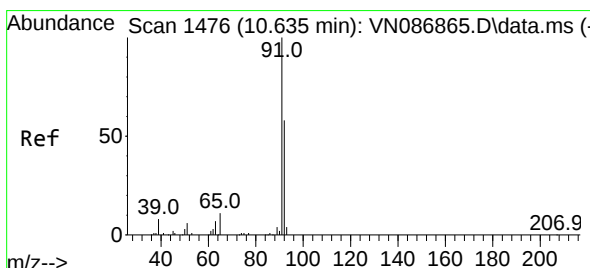
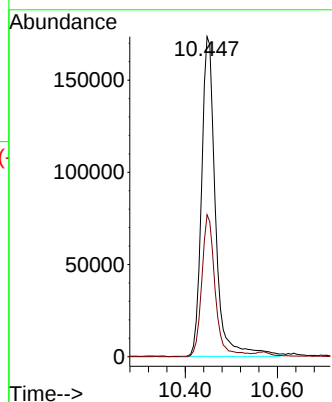
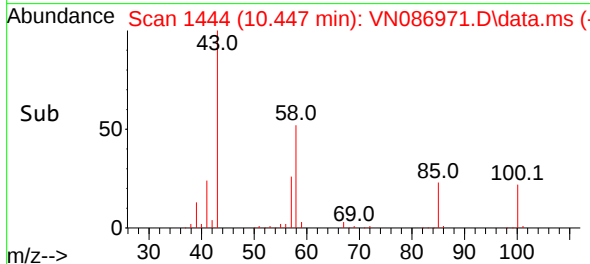
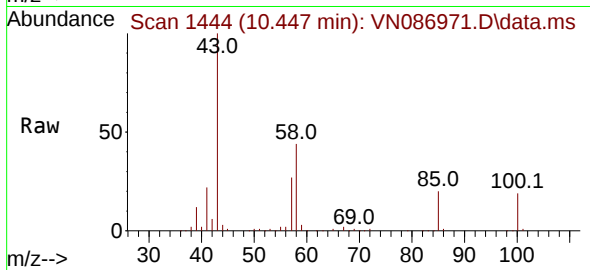
#51
4-Methyl-2-Pentanone
Concen: 115.134 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 43 Resp: 366404
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.4

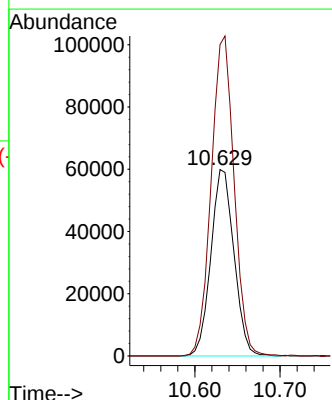
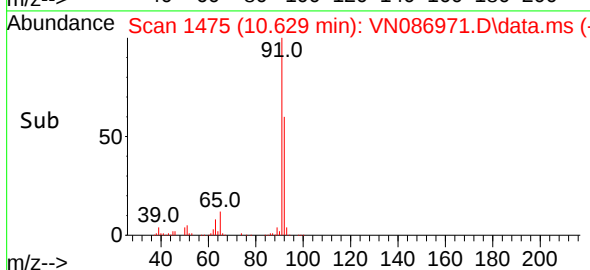
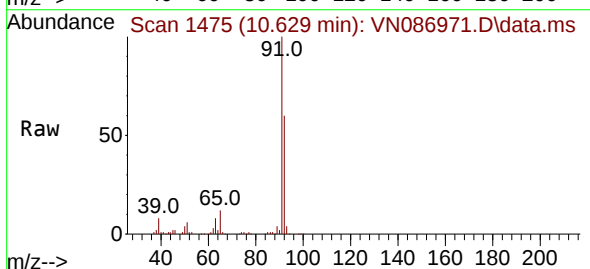
Manual Integrations
APPROVED

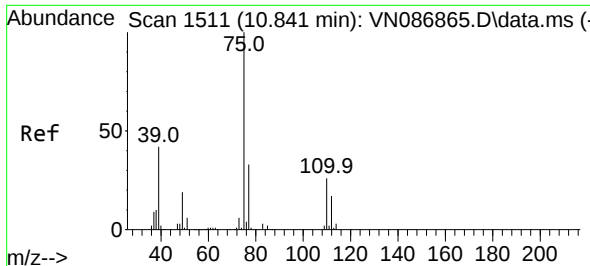
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#52
Toluene
Concen: 21.808 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

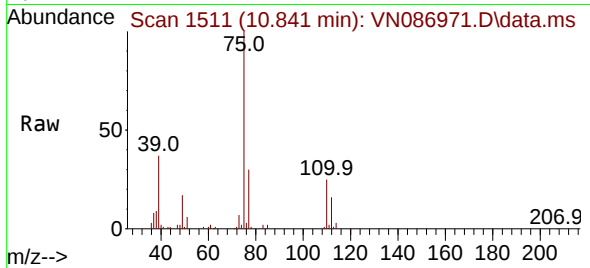
Tgt Ion: 92 Resp: 112760
Ion Ratio Lower Upper
92 100
91 170.3 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 23.096 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

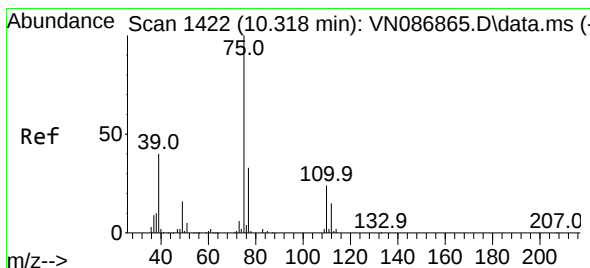
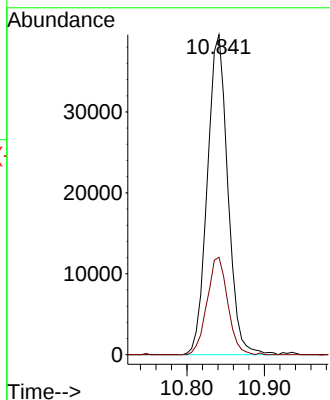
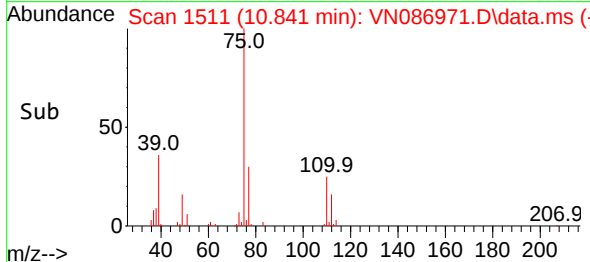
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



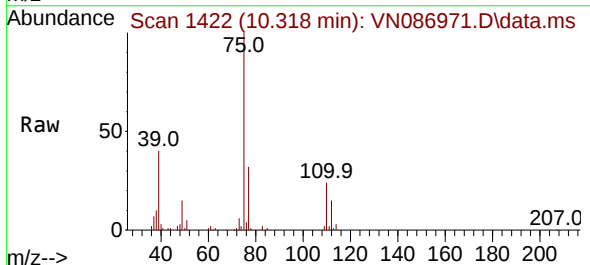
Tgt Ion: 75 Resp: 72640
Ion Ratio Lower Upper
75 100
77 30.4 26.4 39.6

Manual Integrations
APPROVED

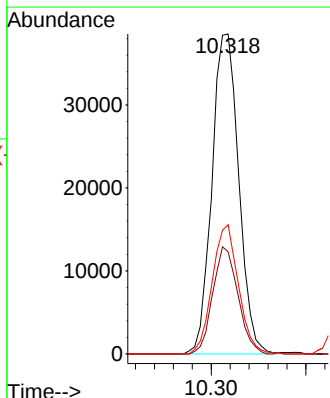
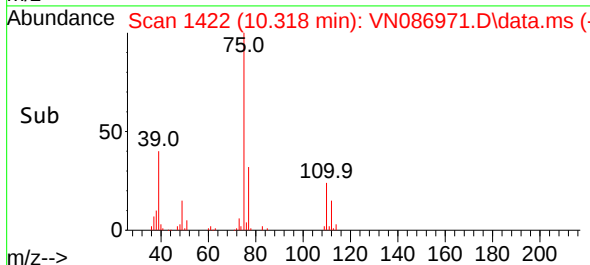
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

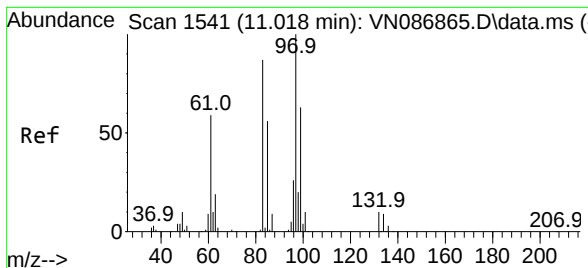


#54
cis-1,3-Dichloropropene
Concen: 22.523 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



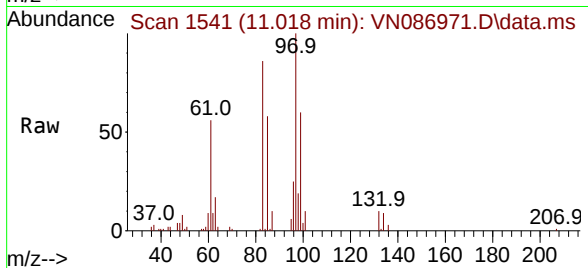
Tgt Ion: 75 Resp: 75803
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
39 40.4 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 23.191 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

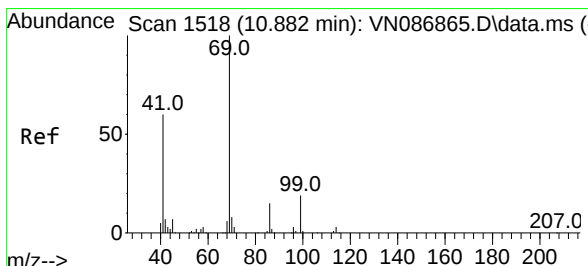
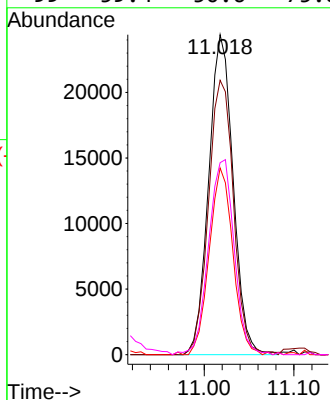
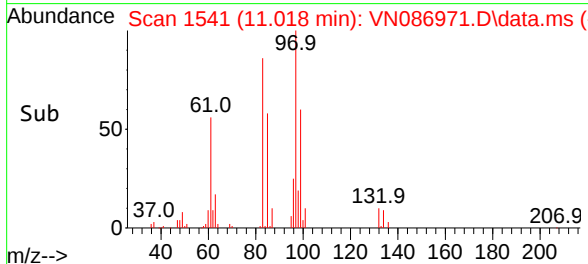
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



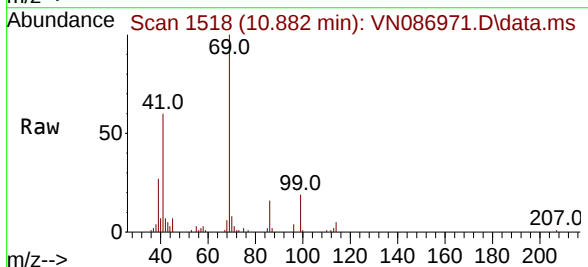
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	57.6	45.1	67.7
99	59.4	50.6	75.8

Manual Integrations
APPROVED

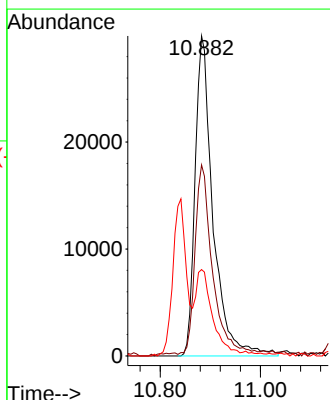
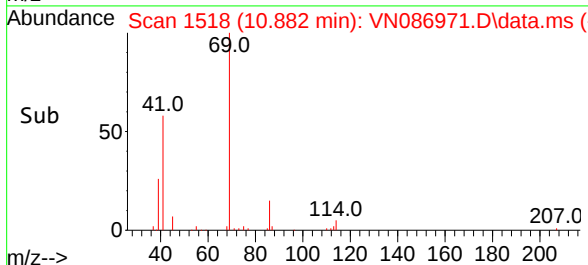
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

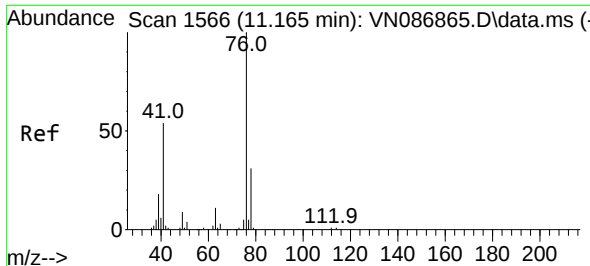


#56
Ethyl methacrylate
Concen: 23.408 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.2	70.8
39	23.3	23.0	34.6





#57

1,3-Dichloropropane

Concen: 22.819 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion: 76 Resp: 78754

Ion Ratio Lower Upper

76 100

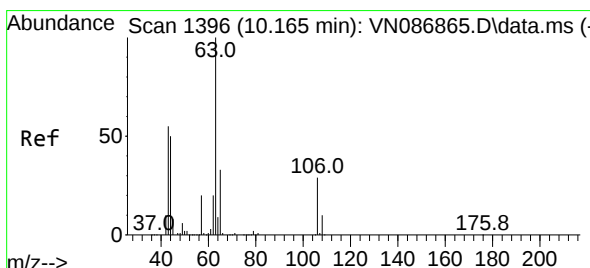
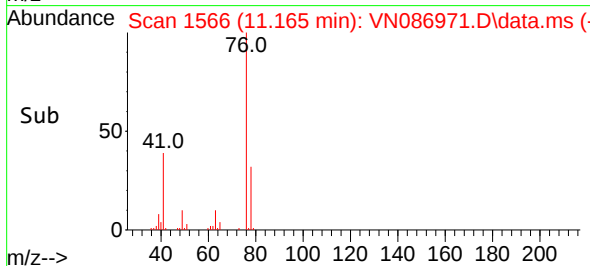
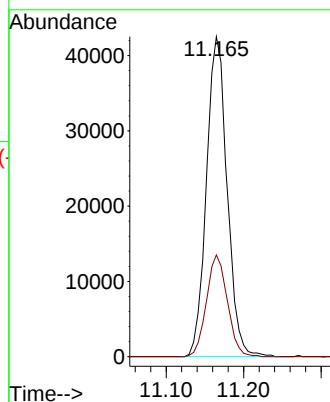
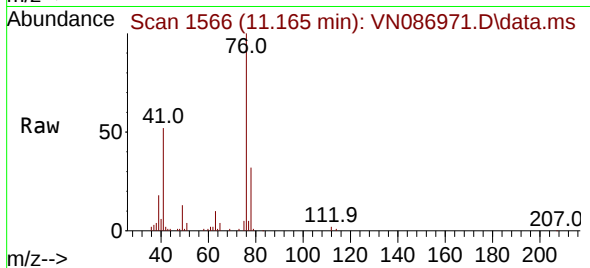
78 32.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.479 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086971.D

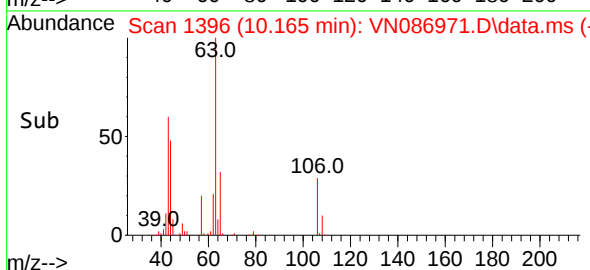
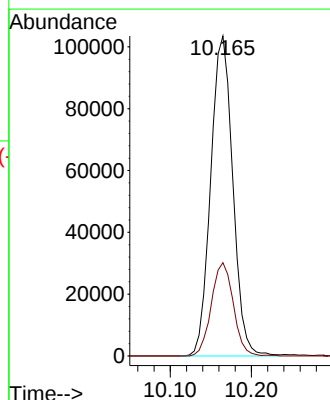
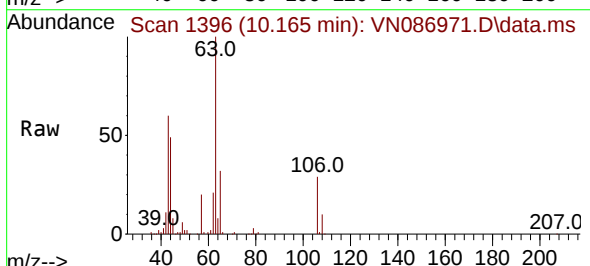
Acq: 12 Jun 2025 12:53

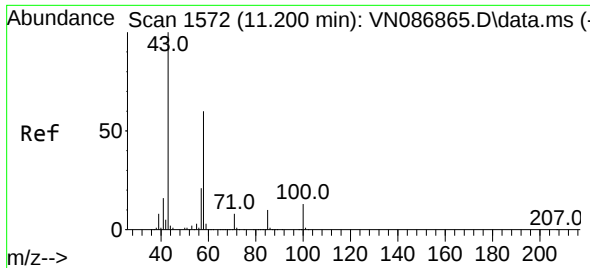
Tgt Ion: 63 Resp: 195579

Ion Ratio Lower Upper

63 100

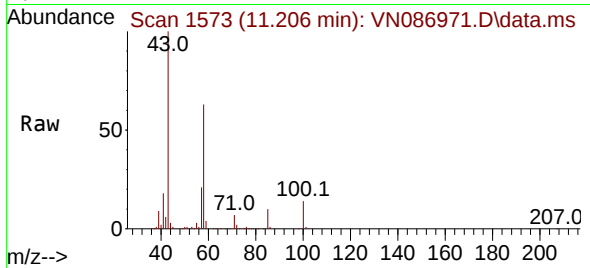
106 29.1 23.0 34.6





#59
2-Hexanone
Concen: 102.698 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

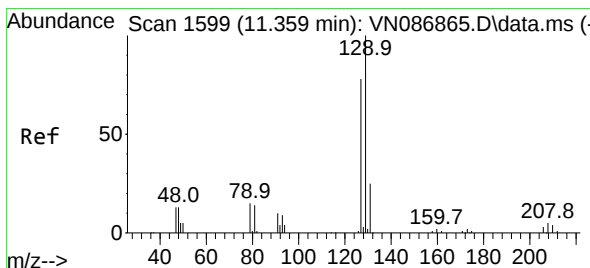
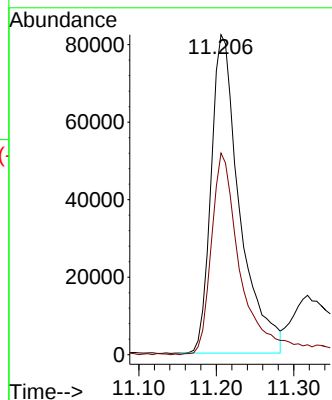
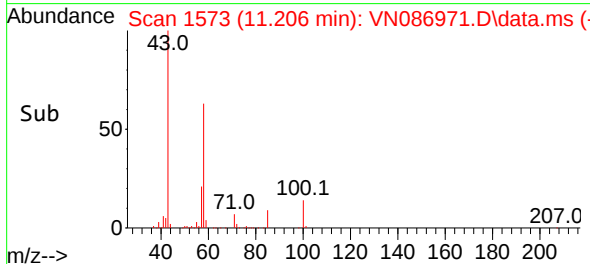
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 43 Resp: 21052
Ion Ratio Lower Upper
43 100
58 65.1 30.4 91.3

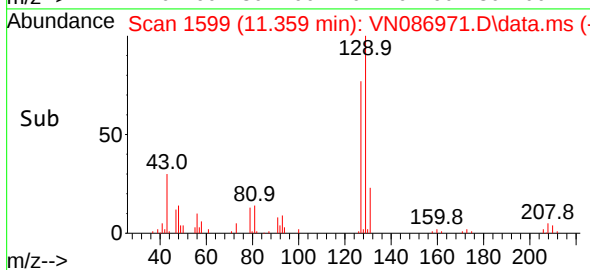
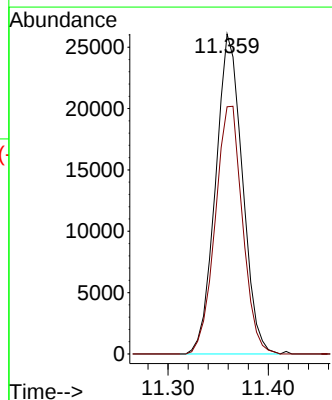
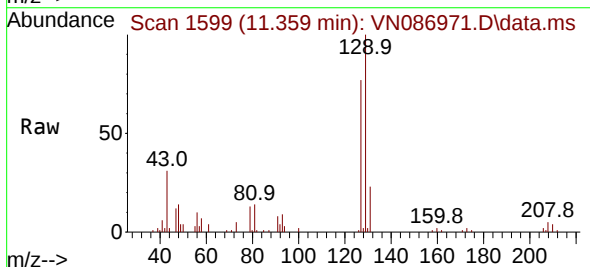
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#60
Dibromochloromethane
Concen: 23.348 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

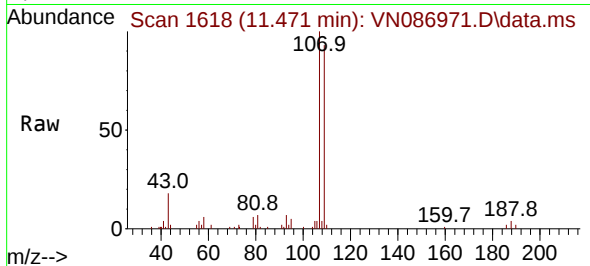
Tgt Ion:129 Resp: 48396
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 23.020 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

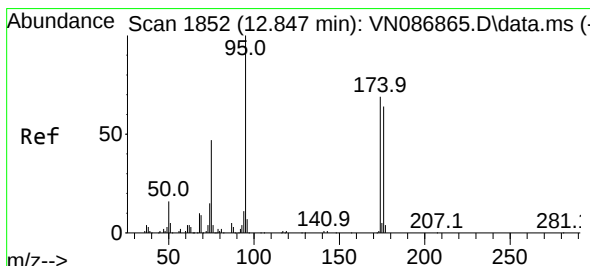
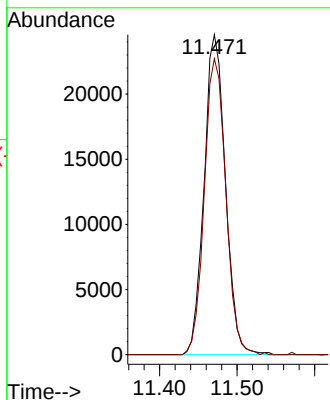
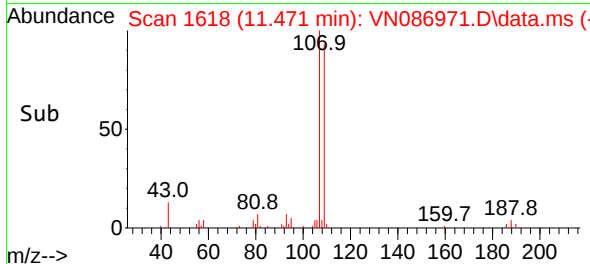
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



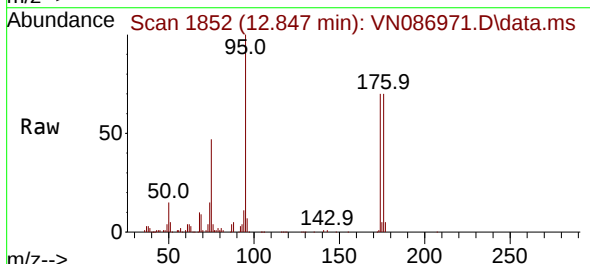
Tgt Ion:107 Resp: 4694
Ion Ratio Lower Upper
107 100
109 93.4 76.3 114.5

Manual Integrations
APPROVED

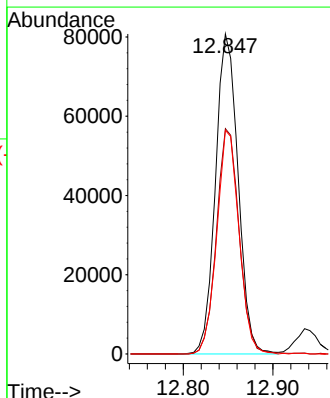
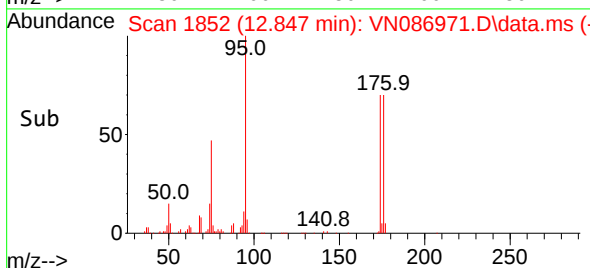
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

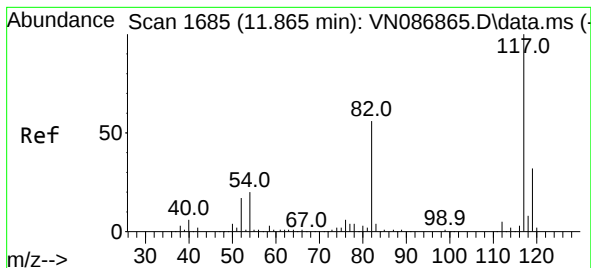


#62
4-Bromofluorobenzene
Concen: 55.270 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



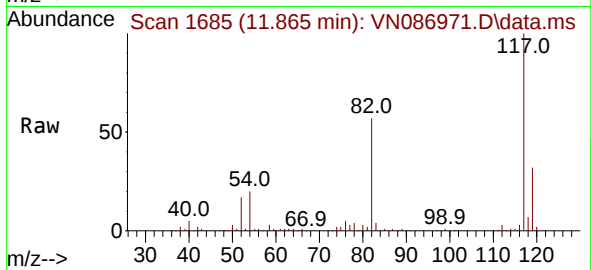
Tgt Ion: 95 Resp: 141148
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 68.9 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

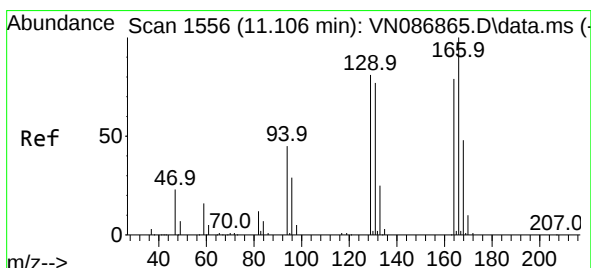
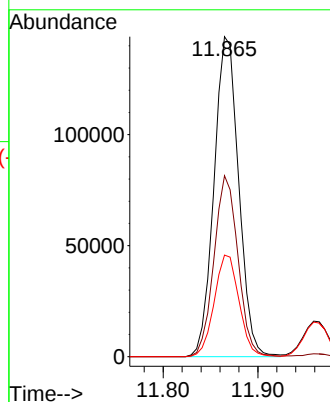
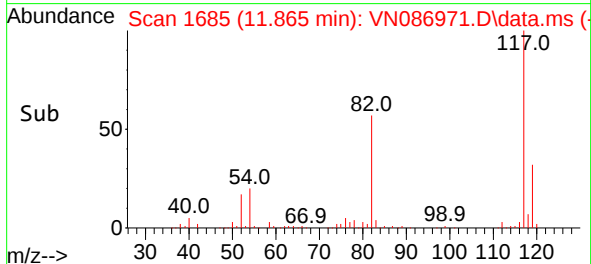
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion:117 Resp: 26120
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.7 25.5 38.3

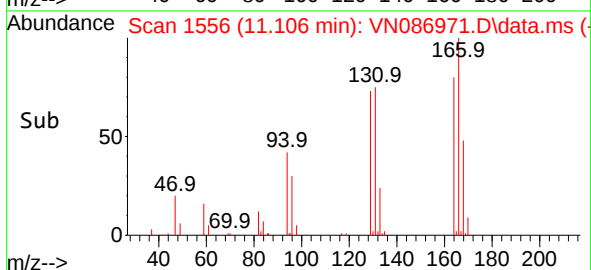
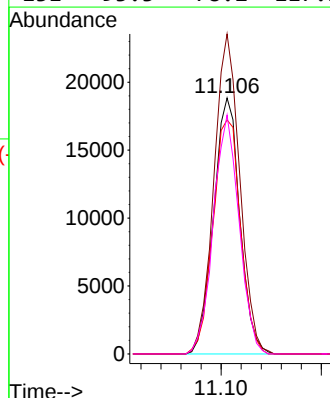
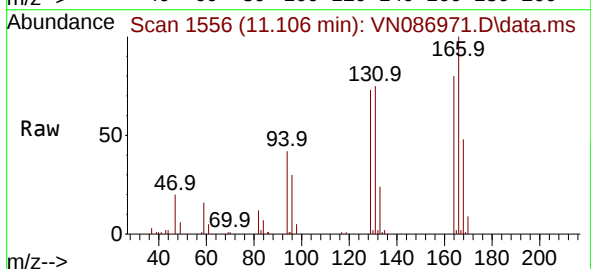
Manual Integrations
APPROVED

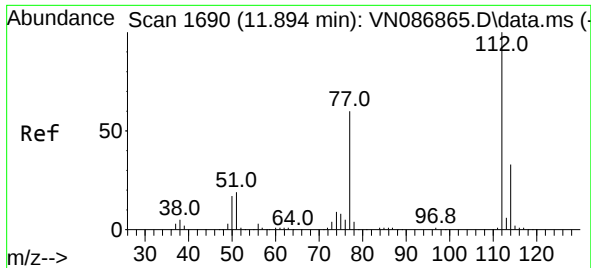
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#64
Tetrachloroethene
Concen: 20.723 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion:164 Resp: 34257
Ion Ratio Lower Upper
164 100
166 125.0 101.8 152.8
129 91.5 83.0 124.4
131 93.3 78.2 117.2





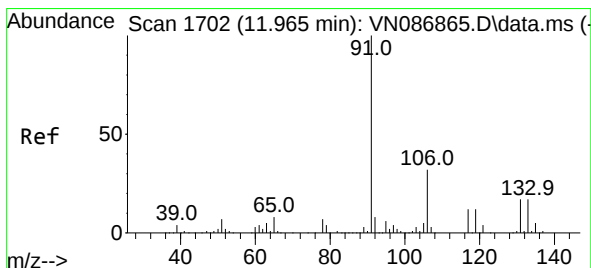
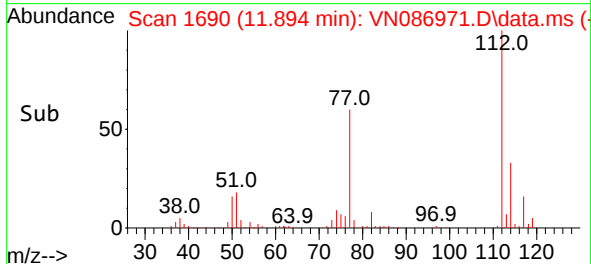
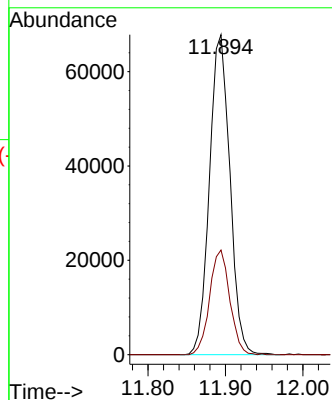
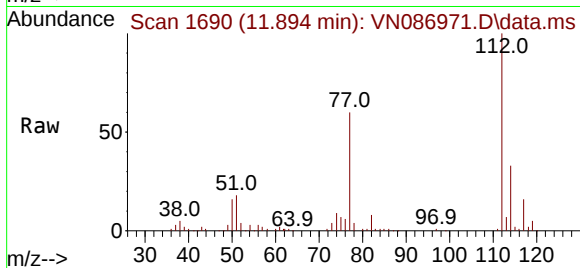
#65
Chlorobenzene
Concen: 21.582 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:112 Resp: 124330
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

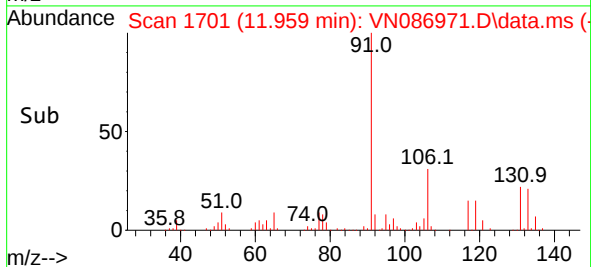
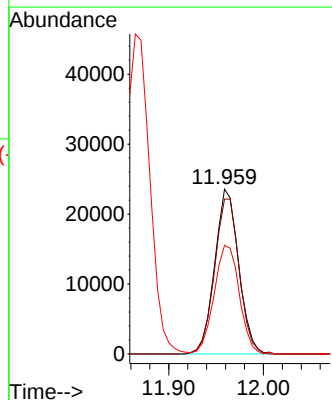
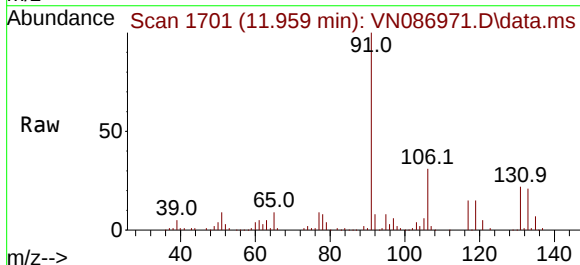
Manual Integrations
APPROVED

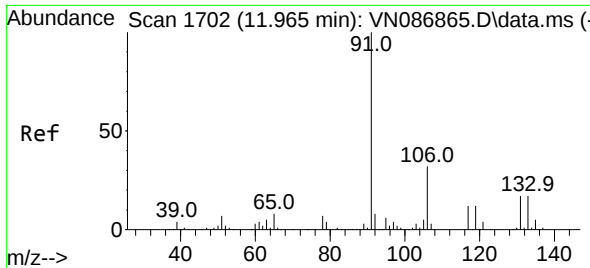
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.389 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

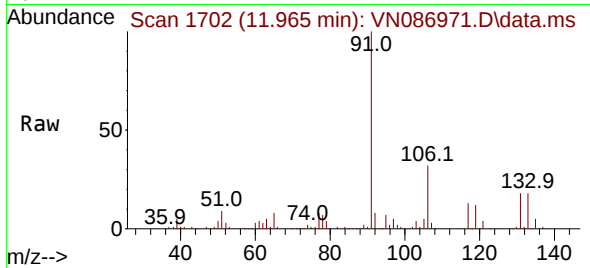
Tgt Ion:131 Resp: 41461
Ion Ratio Lower Upper
131 100
133 96.9 48.3 144.8
119 69.2 34.0 101.8





#67
Ethyl Benzene
Concen: 20.724 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

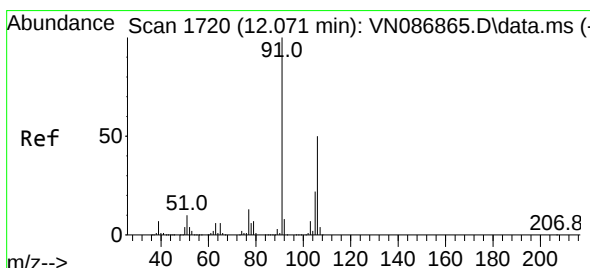
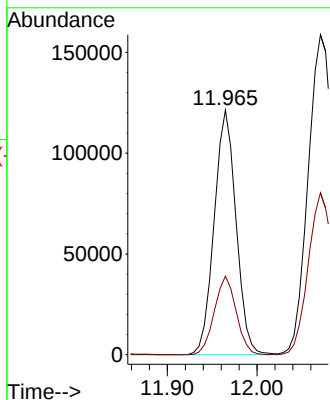
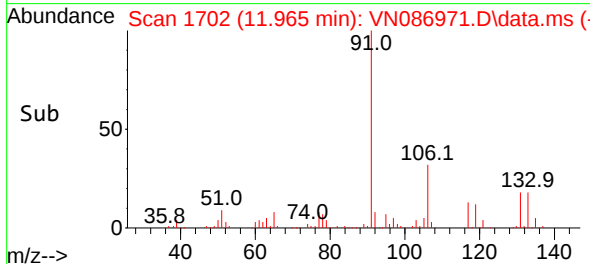
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



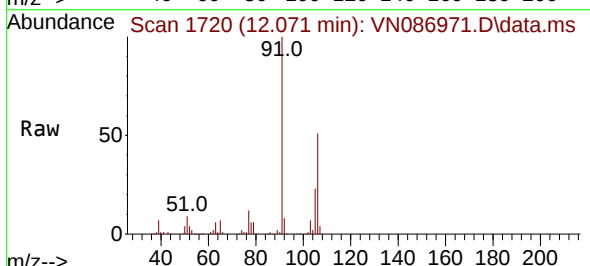
Tgt Ion: 91 Resp: 205648
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2

Manual Integrations
APPROVED

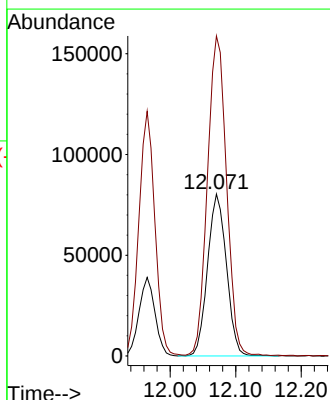
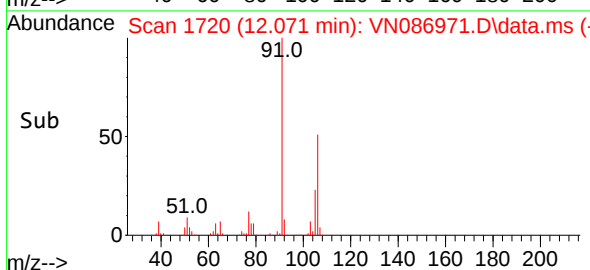
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

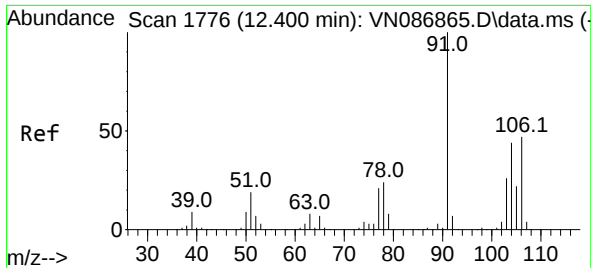


#68
m/p-Xylenes
Concen: 42.264 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion:106 Resp: 160546
Ion Ratio Lower Upper
106 100
91 199.0 159.4 239.0





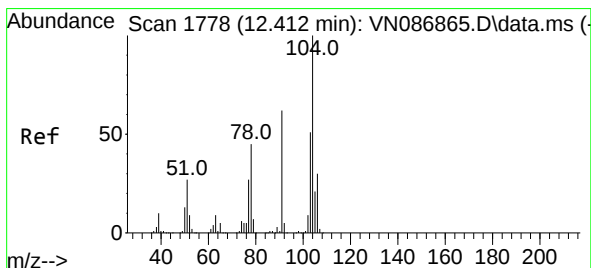
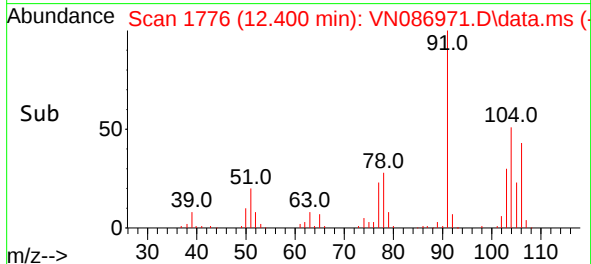
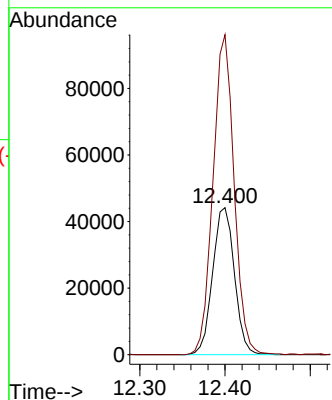
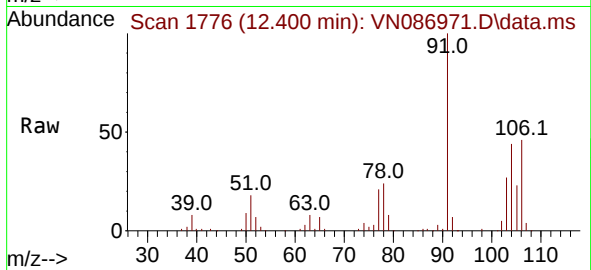
#69
o-Xylene
Concen: 21.593 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:106 Resp: 7855
Ion Ratio Lower Upper
106 100
91 210.6 106.1 318.1

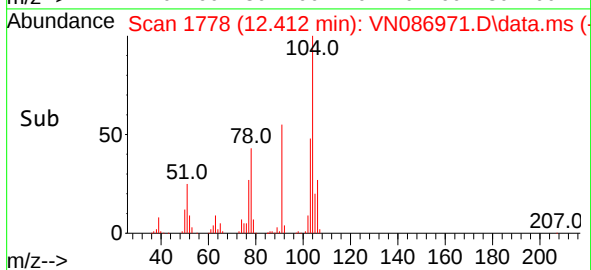
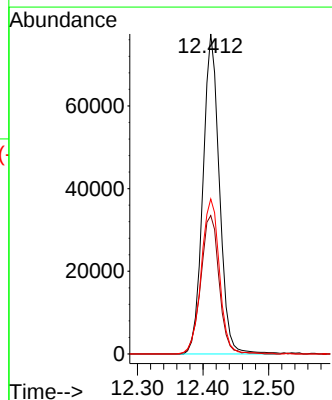
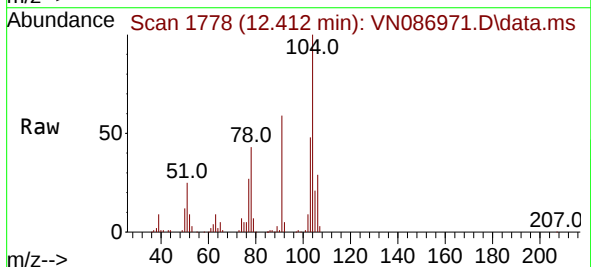
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#70
Styrene
Concen: 21.764 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

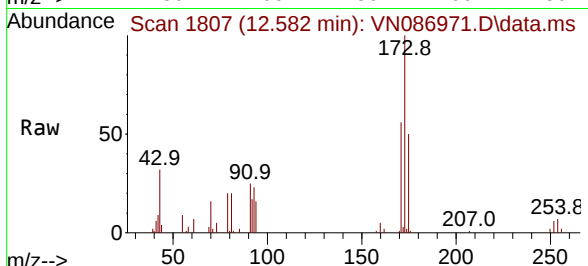
Tgt Ion:104 Resp: 135491
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.4 43.1 64.7





#71
Bromoform
Concen: 24.478 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

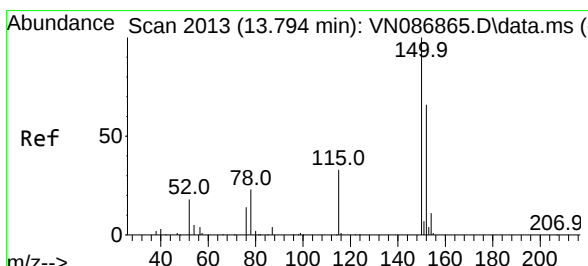
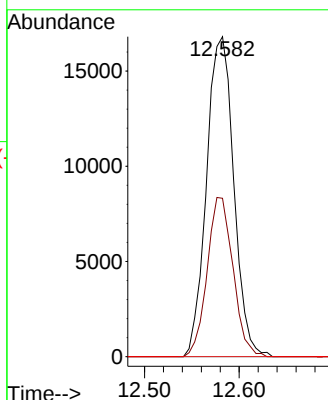
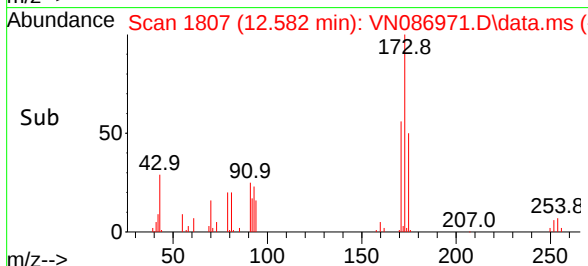
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



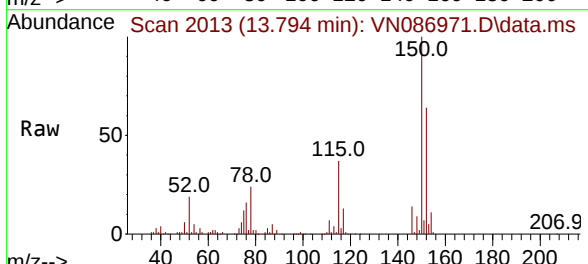
Tgt Ion:173 Resp: 3358
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

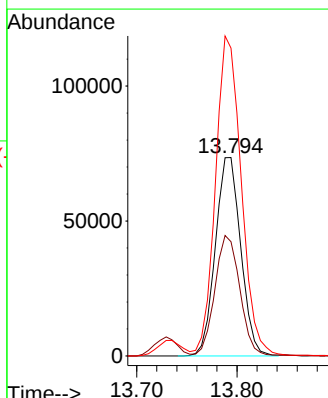
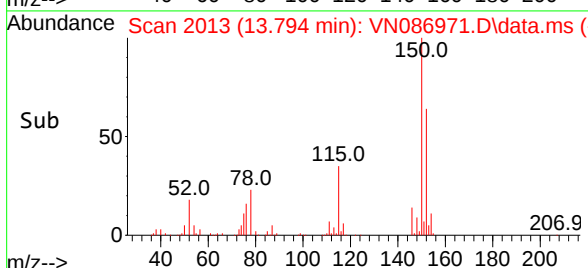
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

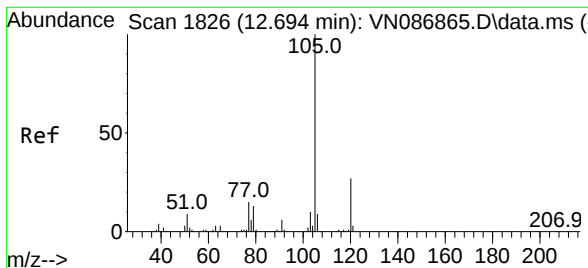


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion:152 Resp: 129235
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.5
150 164.6 0.0 345.0





#73

Isopropylbenzene

Concen: 20.330 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tgt Ion:105 Resp: 191409

Ion Ratio Lower Upper

105 100

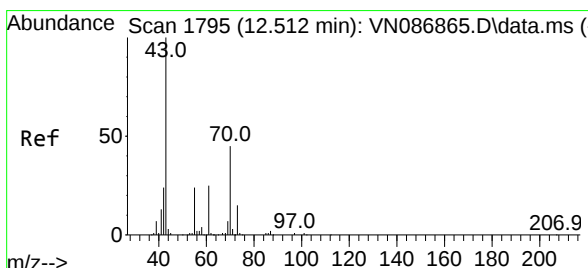
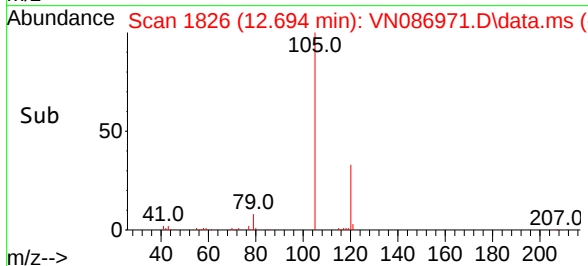
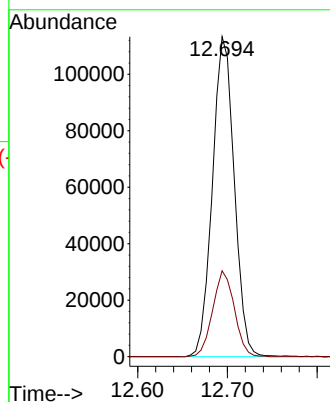
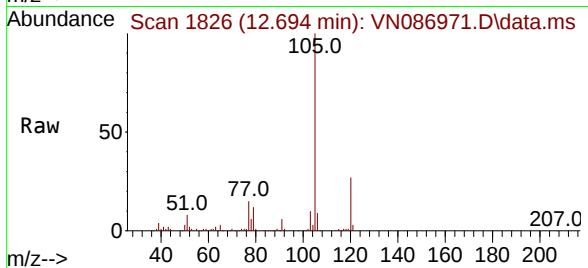
120 26.6 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#74

N-ethyl acetate

Concen: 16.564 ug/l

RT: 12.529 min Scan# 1798

Delta R.T. 0.018 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Tgt Ion: 43 Resp: 54494

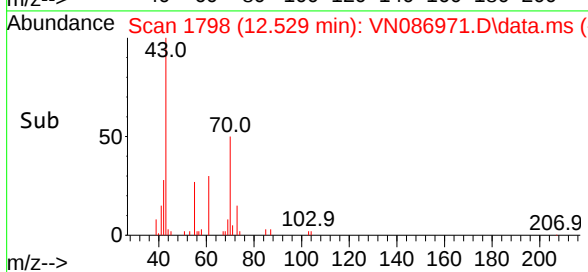
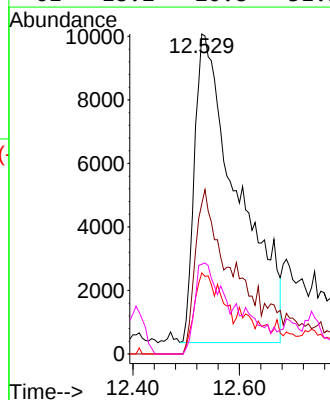
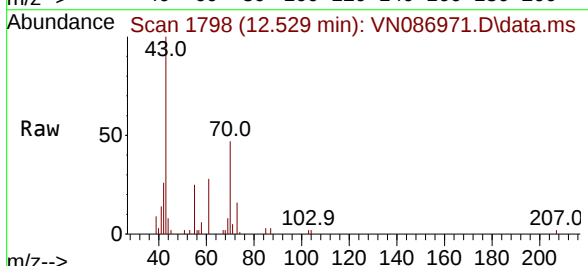
Ion Ratio Lower Upper

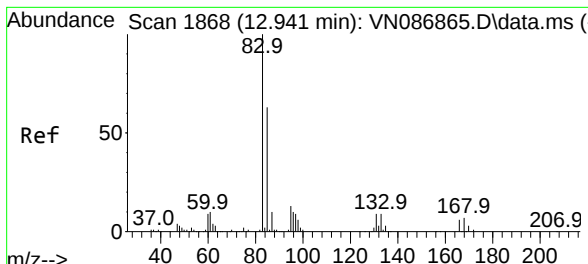
43 100

70 32.5 37.6 56.4#

55 17.6 19.0 28.6#

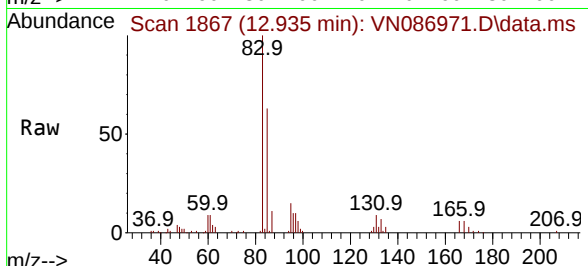
61 18.2 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 23.849 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

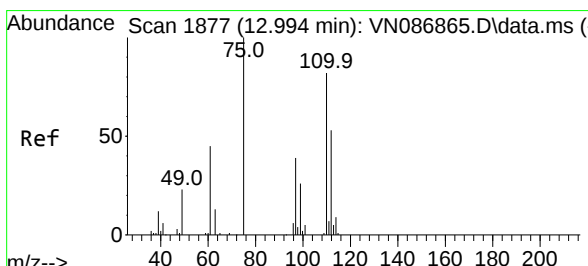
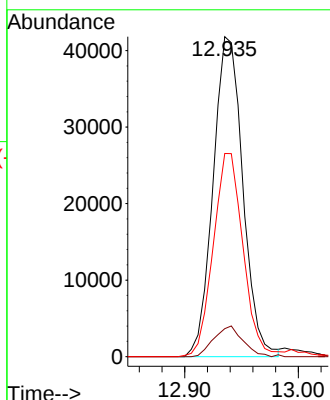
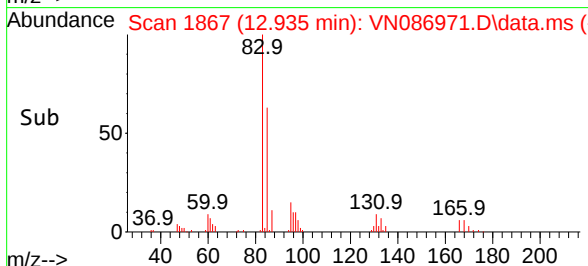
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 83 Resp: 7606
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 63.8 32.0 96.0

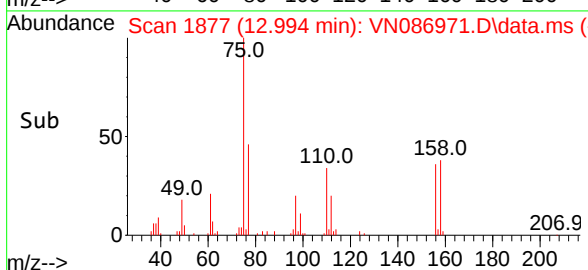
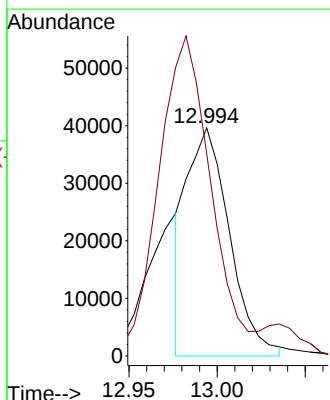
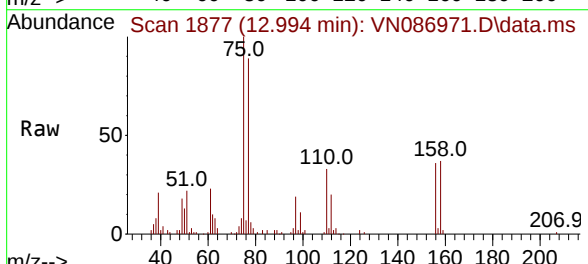
Manual Integrations
APPROVED

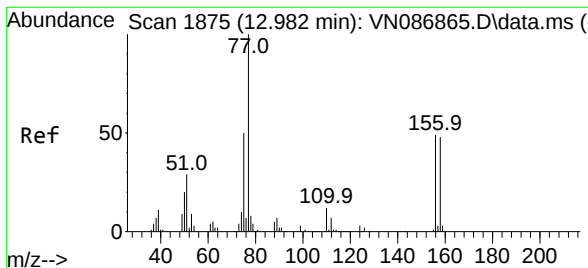
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#76
1,2,3-Trichloropropane
Concen: 21.725 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

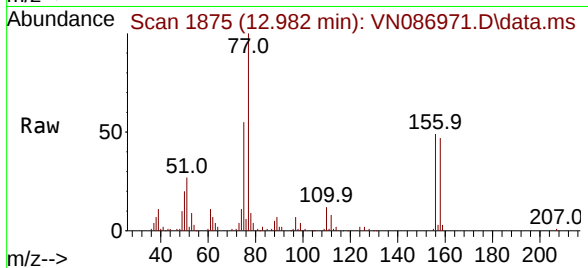
Tgt Ion: 75 Resp: 66737
Ion Ratio Lower Upper
75 100
77 172.6 79.3 237.9





#77
Bromobenzene
Concen: 22.190 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

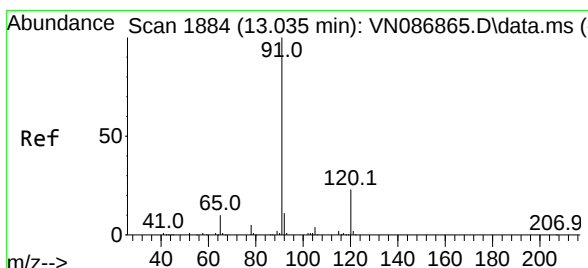
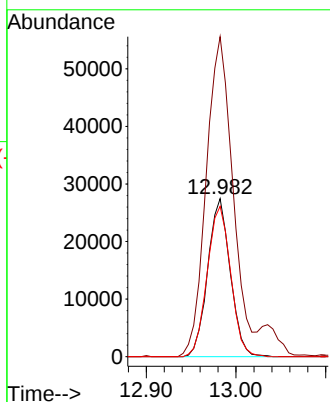
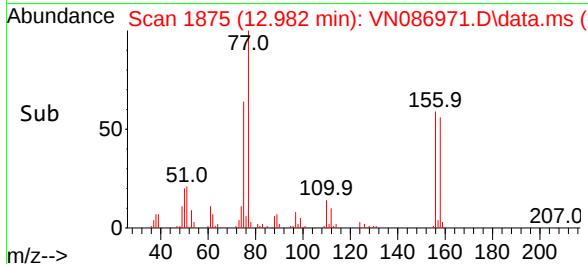
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



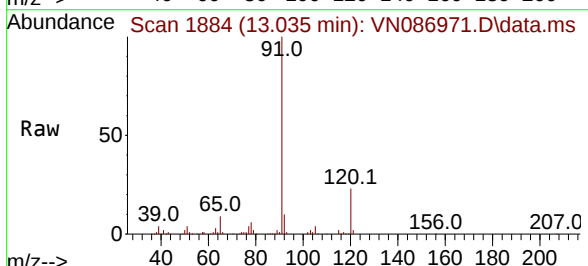
Tgt Ion:156 Resp: 4791
Ion Ratio Lower Upper
156 100
77 240.4 117.7 353.1
158 98.9 48.1 144.4

Manual Integrations
APPROVED

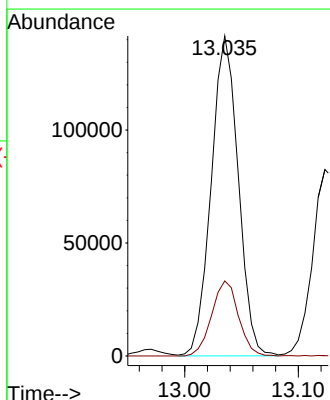
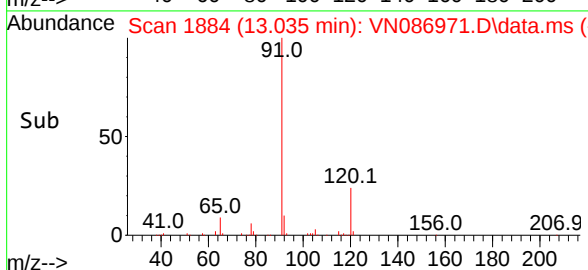
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

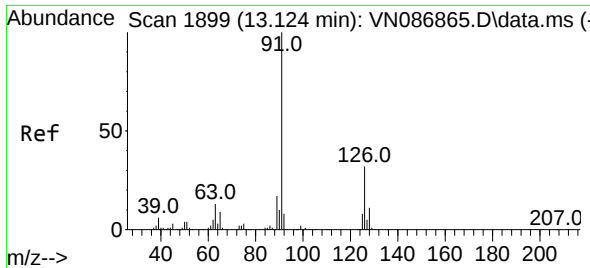


#78
n-propylbenzene
Concen: 20.464 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion: 91 Resp: 234143
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2





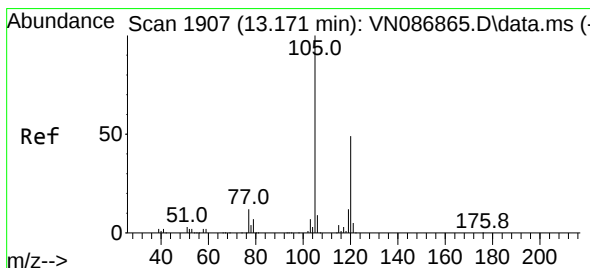
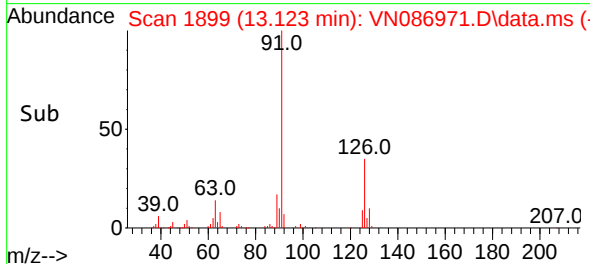
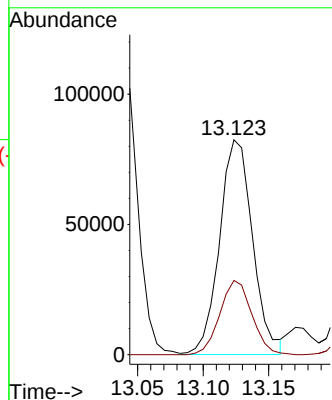
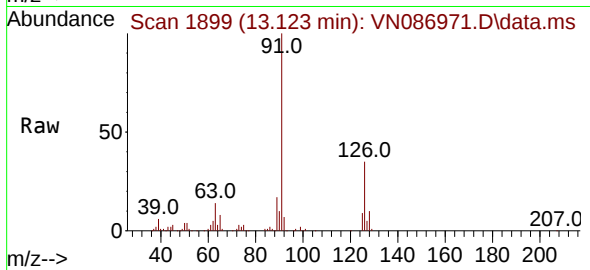
#79
2-Chlorotoluene
Concen: 21.074 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion: 91 Resp: 144599
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.5

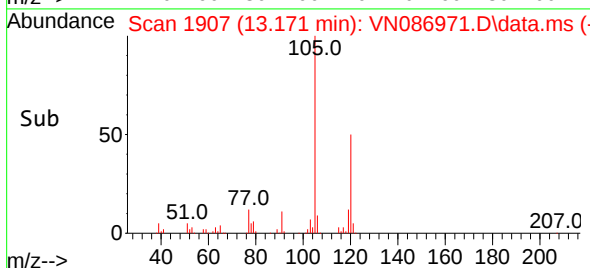
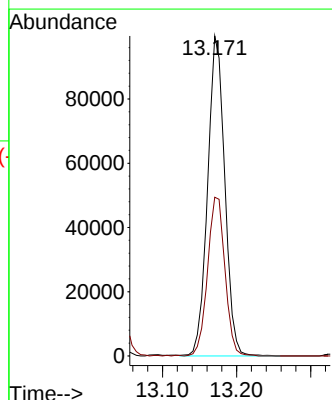
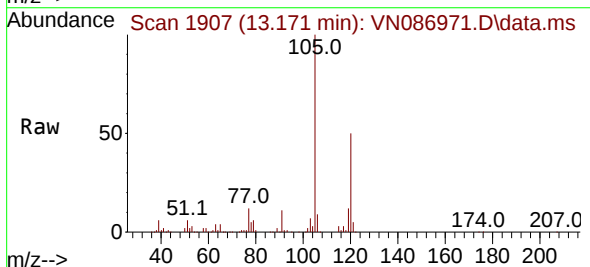
Manual Integrations
APPROVED

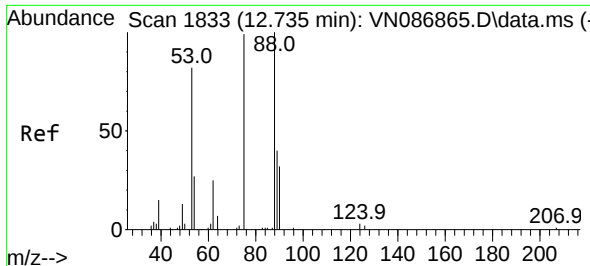
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.590 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

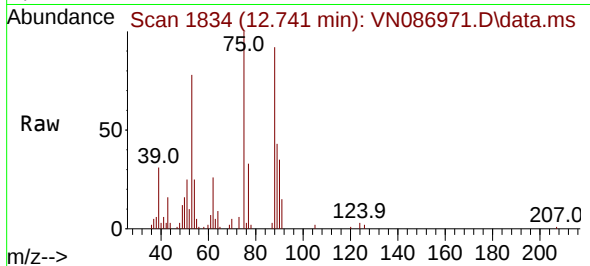
Tgt Ion:105 Resp: 160049
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 22.768 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

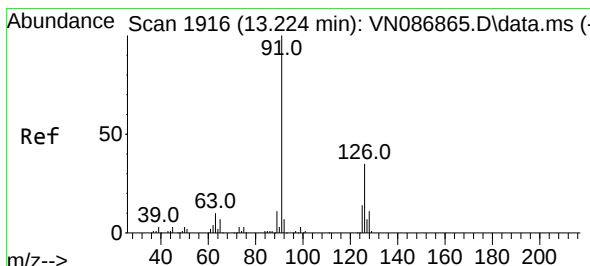
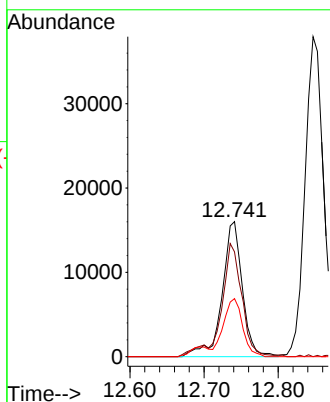
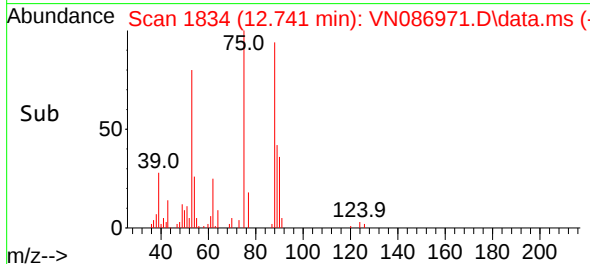
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



Tgt Ion: 75 Resp: 30384
Ion Ratio Lower Upper
75 100
53 84.9 66.6 99.8
89 40.4 36.7 55.1

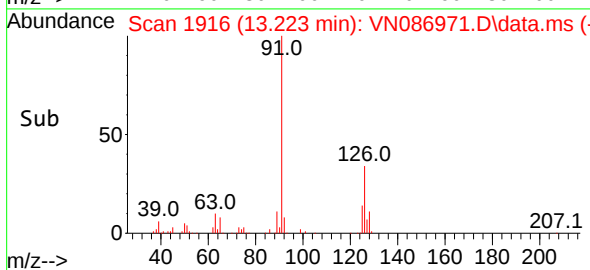
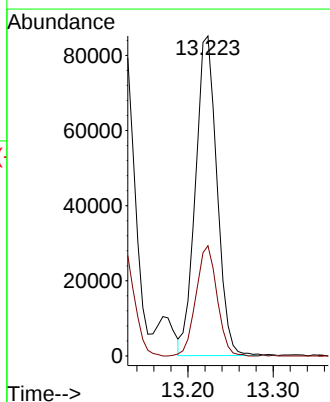
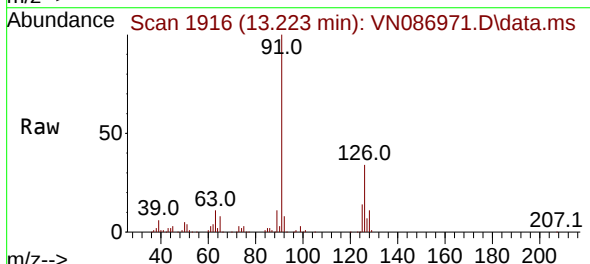
Manual Integrations
APPROVED

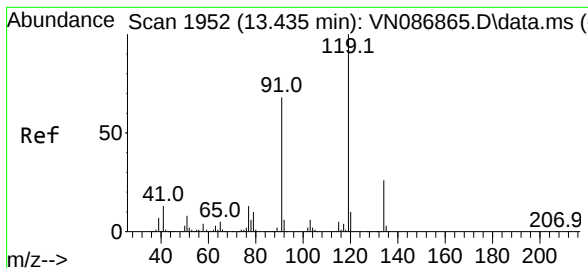
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#82
4-Chlorotoluene
Concen: 21.452 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

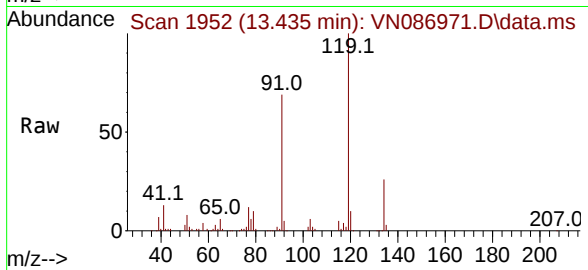
Tgt Ion: 91 Resp: 148936
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1





#83
tert-Butylbenzene
Concen: 19.926 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

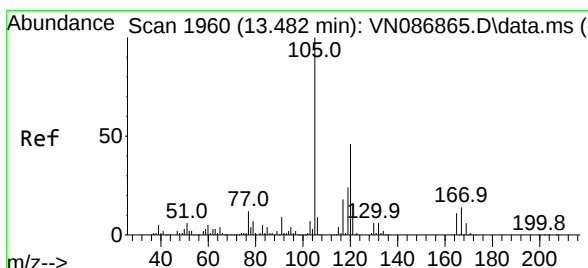
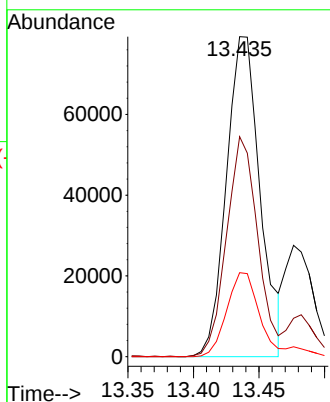
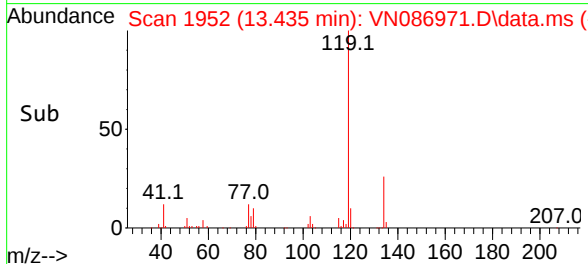
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



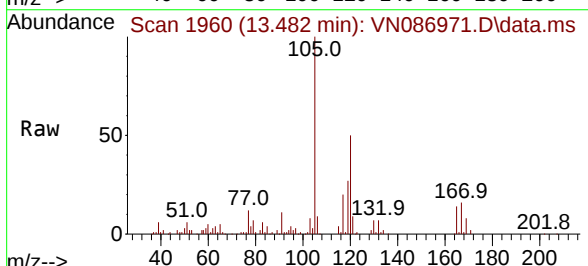
Tgt Ion:119 Resp: 141780
Ion Ratio Lower Upper
119 100
91 63.8 32.1 96.5
134 25.3 13.4 40.1

Manual Integrations
APPROVED

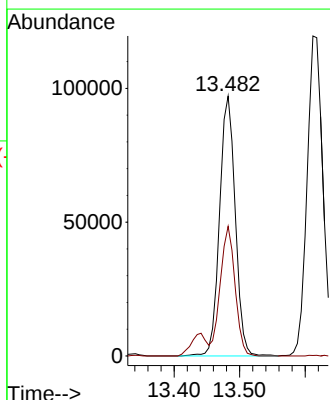
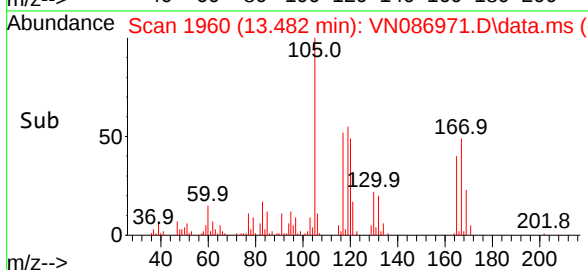
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

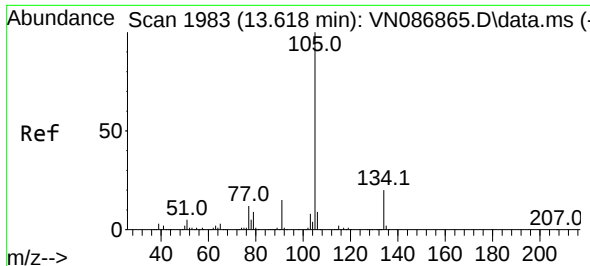


#84
1,2,4-Trimethylbenzene
Concen: 20.647 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion:105 Resp: 160936
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6





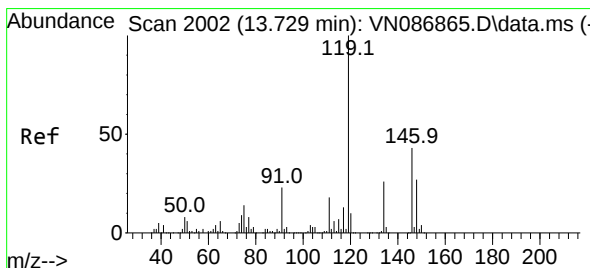
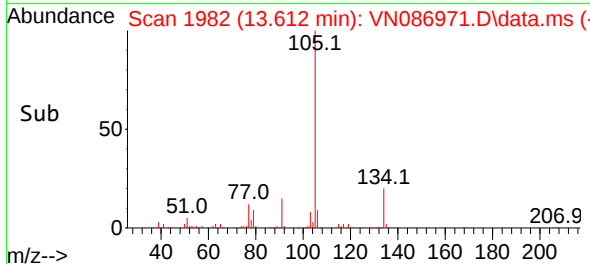
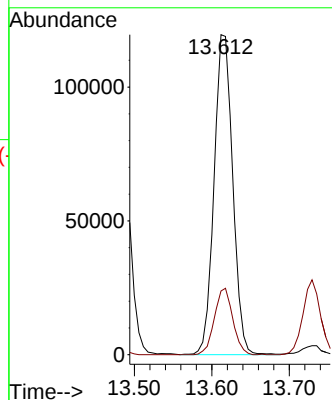
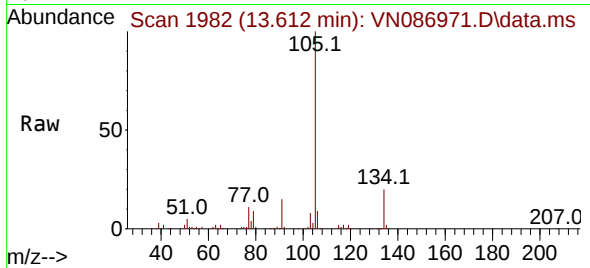
#85
 sec-Butylbenzene
 Concen: 19.360 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tgt Ion:105 Resp: 20004
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0

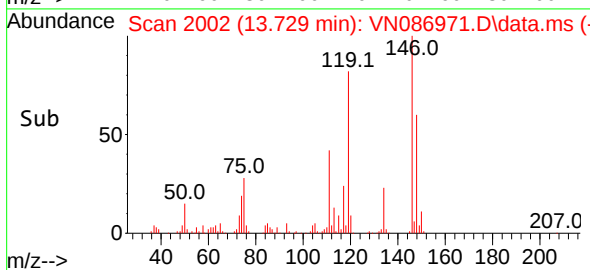
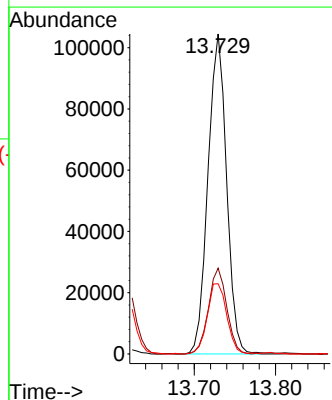
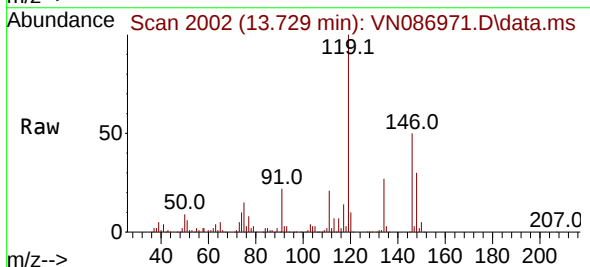
Manual Integrations
 APPROVED

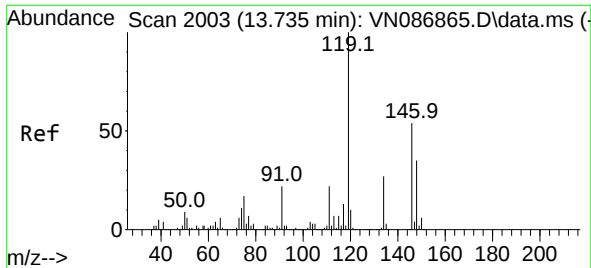
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#86
 p-Isopropyltoluene
 Concen: 19.455 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086971.D
 Acq: 12 Jun 2025 12:53

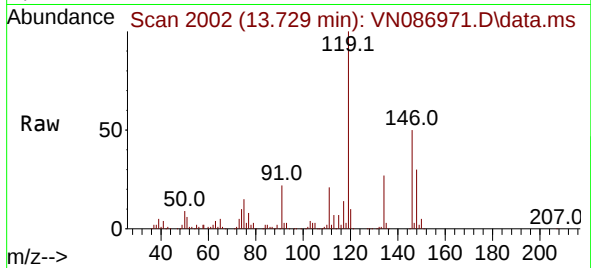
Tgt Ion:119 Resp: 166179
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 23.1 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 21.474 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

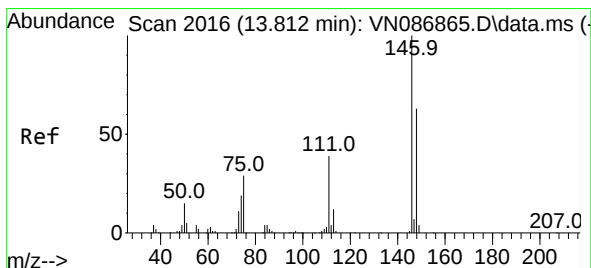
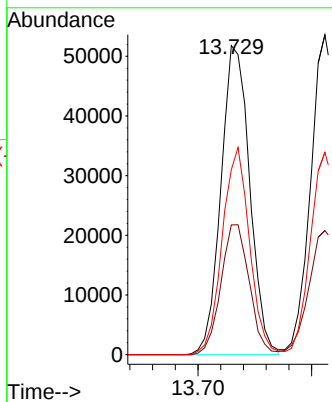
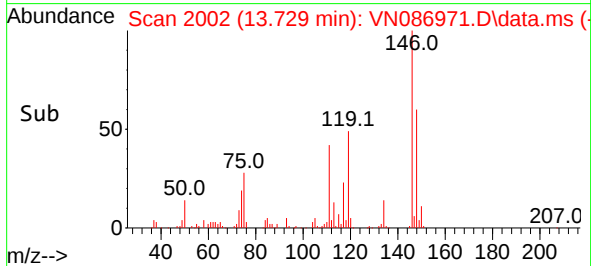
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



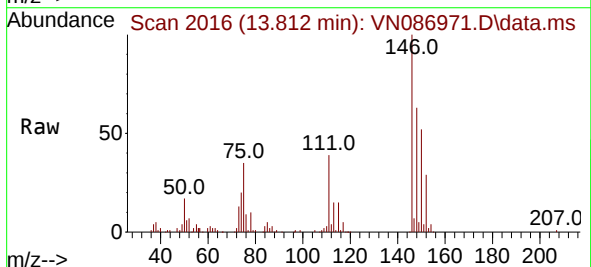
Tgt Ion:146 Resp: 9122
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 63.7 32.0 96.2

Manual Integrations
APPROVED

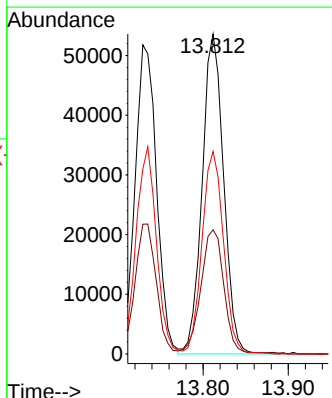
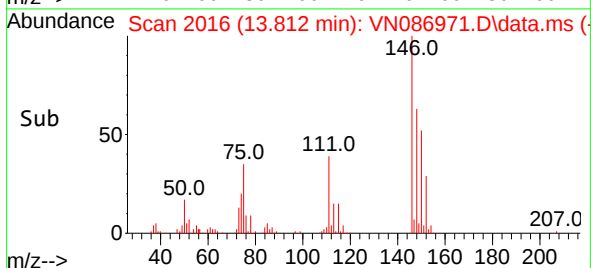
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

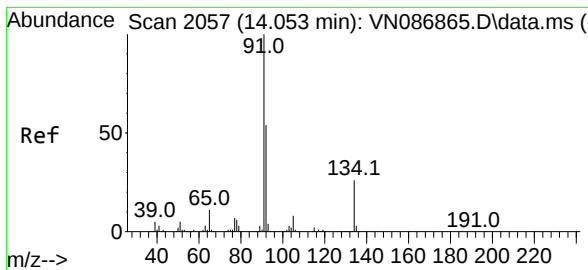


#88
1,4-Dichlorobenzene
Concen: 21.686 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



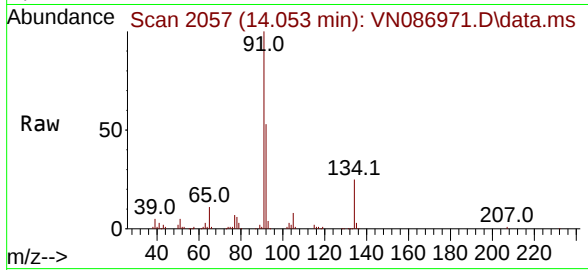
Tgt Ion:146 Resp: 93923
Ion Ratio Lower Upper
146 100
111 41.9 19.9 59.7
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 18.796 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

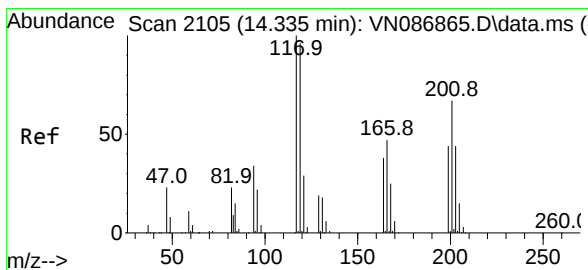
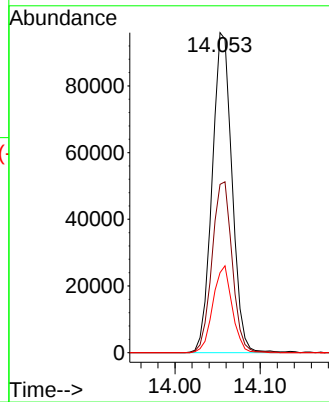
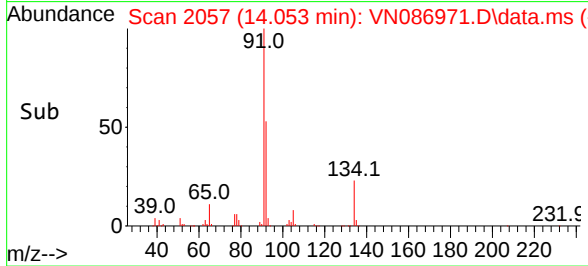
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01



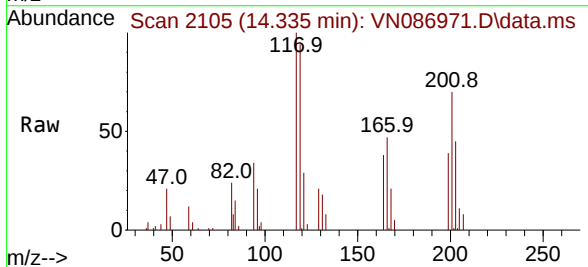
Tgt Ion: 91 Resp: 155500
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 26.3 13.0 39.0

Manual Integrations
APPROVED

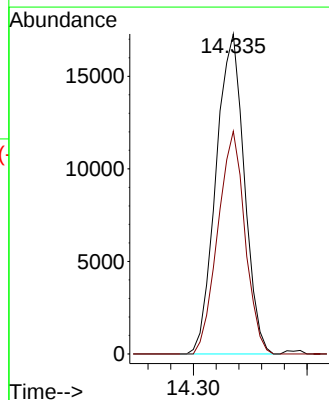
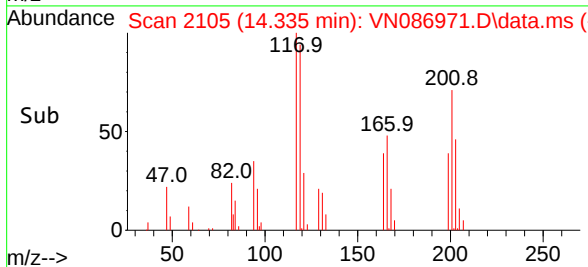
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#90
Hexachloroethane
Concen: 20.640 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53



Tgt Ion:117 Resp: 29883
Ion Ratio Lower Upper
117 100
201 66.8 33.2 99.6





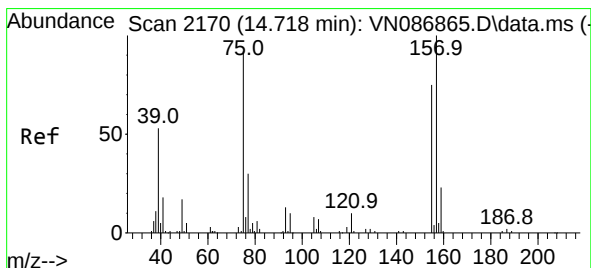
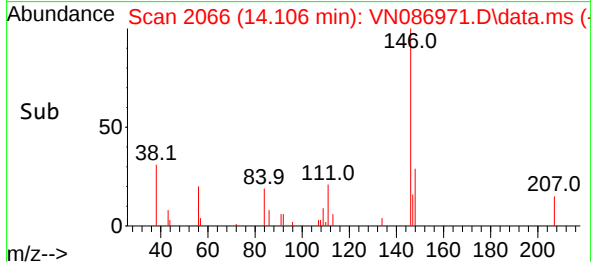
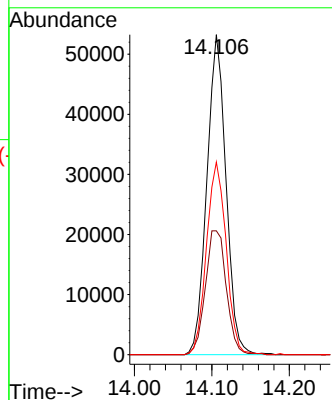
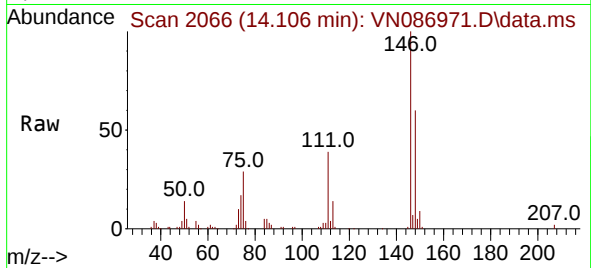
#91
1,2-Dichlorobenzene
Concen: 22.366 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tgt Ion:146 Resp: 9128
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 61.9 31.7 95.1

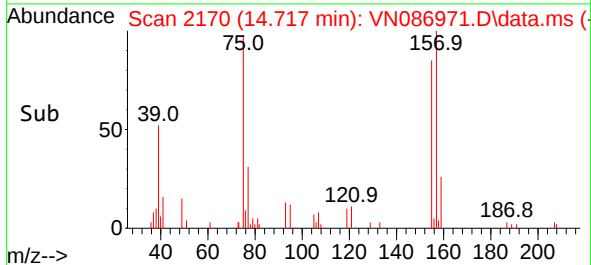
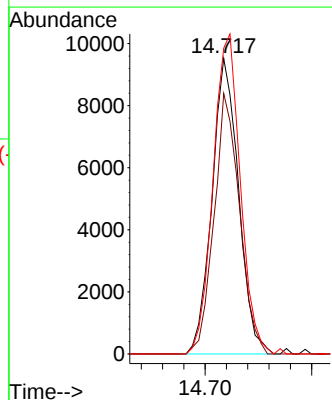
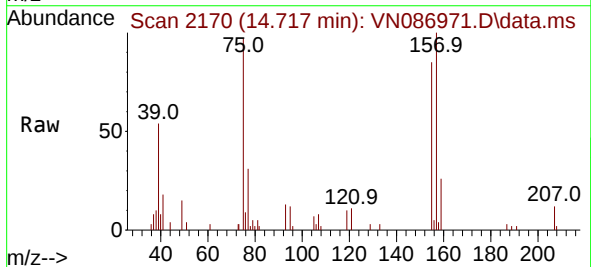
Manual Integrations
APPROVED

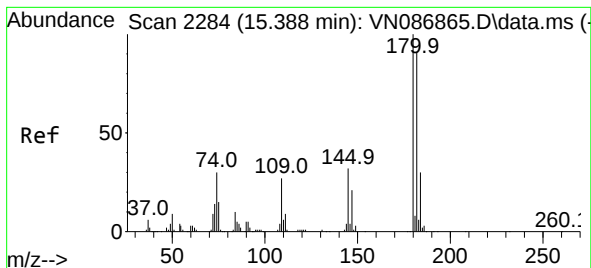
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.617 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086971.D
Acq: 12 Jun 2025 12:53

Tgt Ion: 75 Resp: 16489
Ion Ratio Lower Upper
75 100
155 84.6 41.1 123.4
157 110.9 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 19.916 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

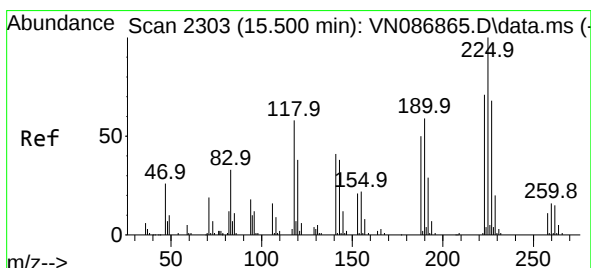
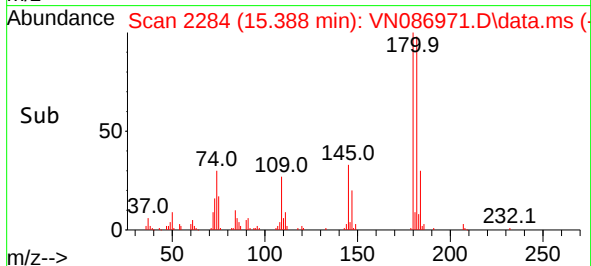
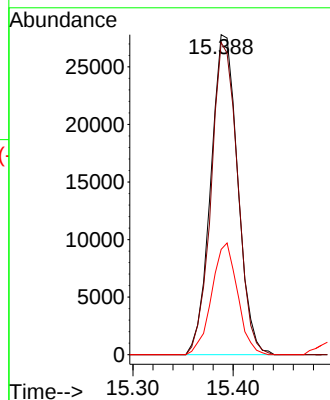
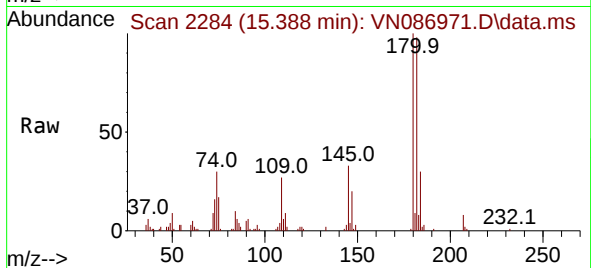
Tgt Ion:	180	Resp:	5190
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.9	140.7
145	33.5	16.0	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#94

Hexachlorobutadiene

Concen: 15.793 ug/l

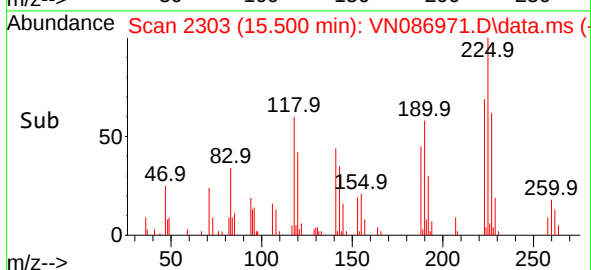
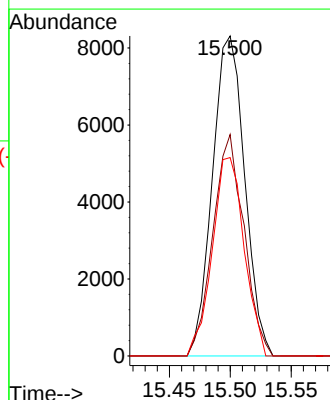
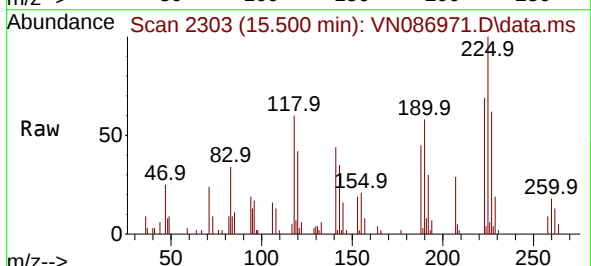
RT: 15.500 min Scan# 2303

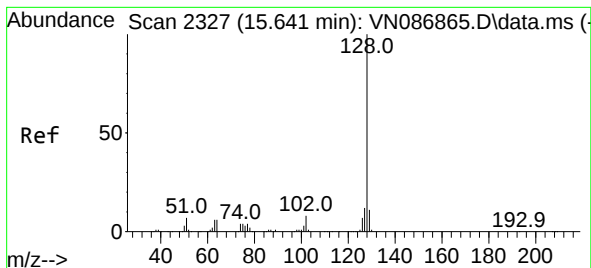
Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Tgt Ion:	225	Resp:	15335
Ion Ratio	Lower	Upper	
225	100		
223	66.6	33.5	100.4
227	61.3	31.1	93.5





#95

Naphthalene

Concen: 21.481 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

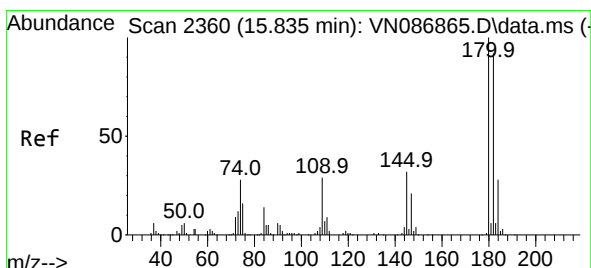
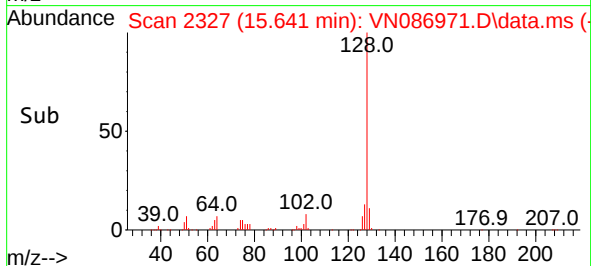
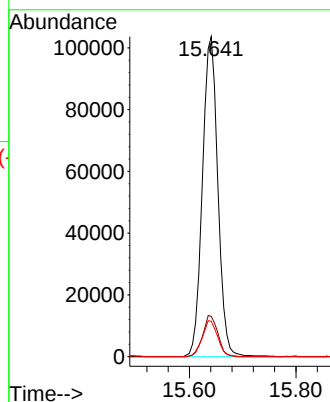
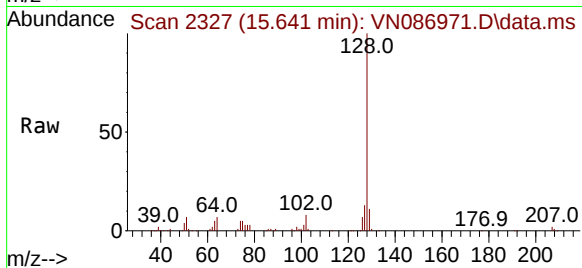
Tgt Ion:	128	Resp:	20838
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.619 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086971.D

Acq: 12 Jun 2025 12:53

Tgt Ion:	180	Resp:	50802
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.0	141.0
145	34.3	16.6	49.8

