

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085931.D
 Acq On : 11 Mar 2025 14:54
 Operator : JC\MD
 Sample : VN0311WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

Quant Time: Mar 12 01:20:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	171959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104493	46.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	8.165	113	86656	46.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	10.565	98	311283	46.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.620%		
62) 4-Bromofluorobenzene	12.847	95	107765	48.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46040	19.684	ug/l	95
3) Chloromethane	2.359	50	43998	18.746	ug/l	100
4) Vinyl Chloride	2.512	62	43138	17.359	ug/l	98
5) Bromomethane	2.954	94	27066	17.033	ug/l	98
6) Chloroethane	3.118	64	25922	15.748	ug/l	98
7) Trichlorofluoromethane	3.495	101	68309	18.985	ug/l	97
8) Diethyl Ether	3.959	74	20408	17.530	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	39761	19.118	ug/l	98
10) Methyl Iodide	4.589	142	46990	18.329	ug/l	97
11) Tert butyl alcohol	5.518	59	24987	91.127	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	35866	19.019	ug/l	97
13) Acrolein	4.171	56	36561	89.914	ug/l	95
14) Allyl chloride	5.024	41	45099	18.215	ug/l	94
15) Acrylonitrile	5.718	53	88991	99.833	ug/l	98
16) Acetone	4.424	43	64479	91.405	ug/l	97
17) Carbon Disulfide	4.712	76	110141	19.707	ug/l	99
18) Methyl Acetate	5.024	43	38972	16.062	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	103840	18.531	ug/l	99
20) Methylene Chloride	5.271	84	42432	18.704	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	37463	18.450	ug/l	88
22) Diisopropyl ether	6.671	45	111397	19.912	ug/l	98
23) Vinyl Acetate	6.600	43	368840	96.289	ug/l	99
24) 1,1-Dichloroethane	6.571	63	72568	19.081	ug/l	98
25) 2-Butanone	7.477	43	99858	96.221	ug/l	99
26) 2,2-Dichloropropane	7.489	77	62578	18.505	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	42379	18.000	ug/l	97
28) Bromochloromethane	7.812	49	37741	24.145	ug/l	92
29) Tetrahydrofuran	7.841	42	65823	98.221	ug/l	99
30) Chloroform	7.965	83	75940	19.108	ug/l	99
31) Cyclohexane	8.253	56	59584	18.712	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	67340	19.050	ug/l	97
36) 1,1-Dichloropropene	8.365	75	49565	18.958	ug/l	99
37) Ethyl Acetate	7.553	43	41433	19.258	ug/l	99
38) Carbon Tetrachloride	8.359	117	61348	19.749	ug/l	93
39) Methylcyclohexane	9.600	83	45454	17.697	ug/l	91
40) Benzene	8.600	78	165147	19.709	ug/l	98

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Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:20:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22880	19.893	ug/l	98
42) 1,2-Dichloroethane	8.665	62	54080	19.814	ug/l	98
43) Isopropyl Acetate	8.688	43	72385	18.830	ug/l	99
44) Trichloroethene	9.347	130	36357	17.671	ug/l	99
45) 1,2-Dichloropropane	9.618	63	39742	19.649	ug/l	99
46) Dibromomethane	9.706	93	28013	19.635	ug/l	97
47) Bromodichloromethane	9.883	83	58843	19.278	ug/l	98
48) Methyl methacrylate	9.677	41	30151	18.870	ug/l	98
49) 1,4-Dioxane	9.694	88	12170	400.527	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	211308	101.867	ug/l	98
52) Toluene	10.630	92	100609	20.483	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	53811	19.065	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	59621	19.264	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	38483	19.705	ug/l	97
56) Ethyl methacrylate	10.871	69	47794	18.623	ug/l	97
57) 1,3-Dichloropropane	11.159	76	63091	19.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	90341	96.936	ug/l	100
59) 2-Hexanone	11.194	43	146567	102.707	ug/l	99
60) Dibromochloromethane	11.353	129	44279	19.471	ug/l	98
61) 1,2-Dibromoethane	11.465	107	35743	19.371	ug/l	100
64) Tetrachloroethene	11.100	164	36978	19.074	ug/l	95
65) Chlorobenzene	11.888	112	106130	18.513	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39196	19.022	ug/l	98
67) Ethyl Benzene	11.959	91	168567	18.771	ug/l	99
68) m/p-Xylenes	12.065	106	137476	40.303	ug/l	99
69) o-Xylene	12.394	106	61515	18.978	ug/l	100
70) Styrene	12.412	104	106050	19.044	ug/l	99
71) Bromoform	12.576	173	29845	19.493	ug/l #	98
73) Isopropylbenzene	12.694	105	153371	17.442	ug/l	100
74) N-amyl acetate	12.494	43	55670	17.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53621	17.721	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	55548m	19.483	ug/l	
77) Bromobenzene	12.976	156	41957	17.661	ug/l	96
78) n-propylbenzene	13.035	91	185851	18.455	ug/l	100
79) 2-Chlorotoluene	13.123	91	119676	17.787	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	135483	18.915	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17168	17.570	ug/l	94
82) 4-Chlorotoluene	13.218	91	124042	18.596	ug/l	97
83) tert-Butylbenzene	13.435	119	101170	16.796	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	133778	18.877	ug/l	99
85) sec-Butylbenzene	13.612	105	150326	17.664	ug/l	99
86) p-Isopropyltoluene	13.729	119	121044	16.805	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	77221	17.350	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	76516	16.773	ug/l	97
89) n-Butylbenzene	14.053	91	95450	15.797	ug/l	96
90) Hexachloroethane	14.329	117	26658	16.540	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	74904	17.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8752	15.752	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	31181	15.289	ug/l	99
94) Hexachlorobutadiene	15.500	225	19246	15.528	ug/l	95
95) Naphthalene	15.641	128	78375	13.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30568	14.930	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0311WBS01

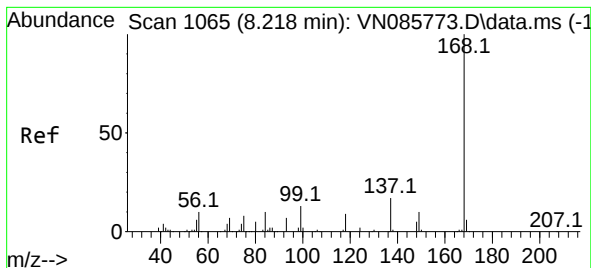
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:20:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

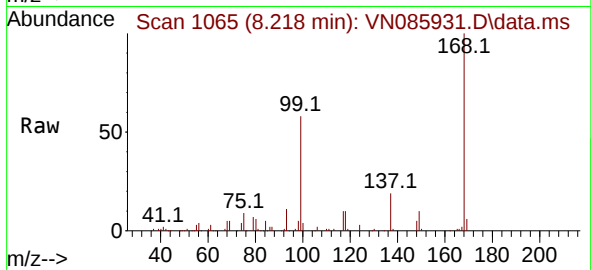
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

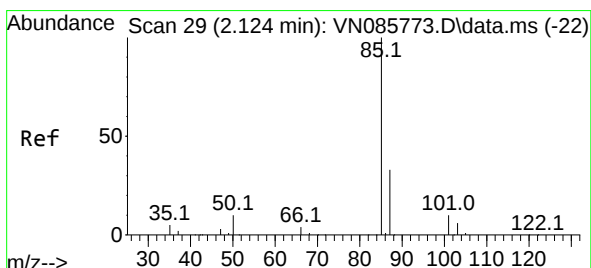
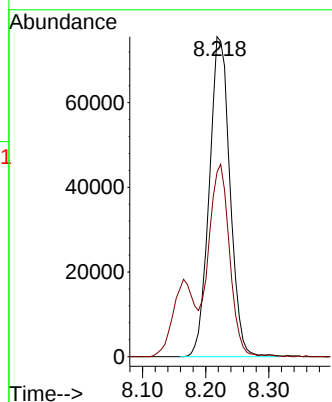
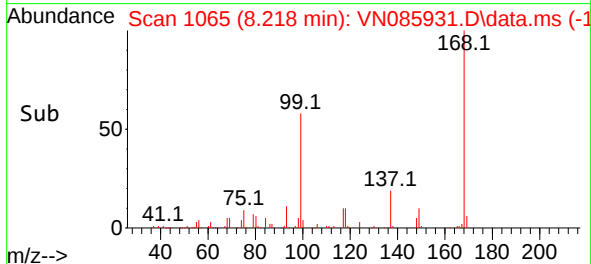
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



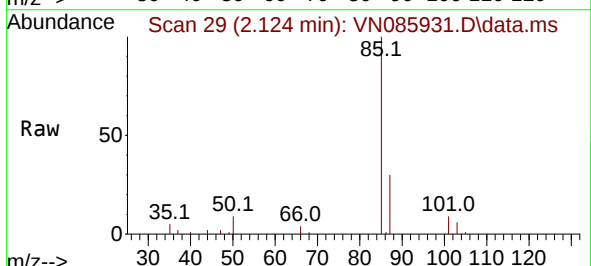
Tgt Ion:168 Resp: 171959
Ion Ratio Lower Upper
168 100
99 57.4 47.9 71.9

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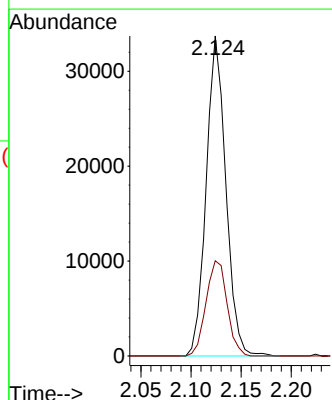
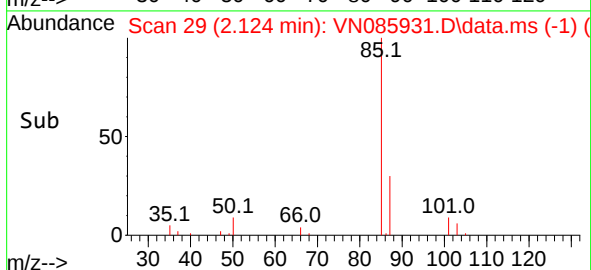
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 19.684 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



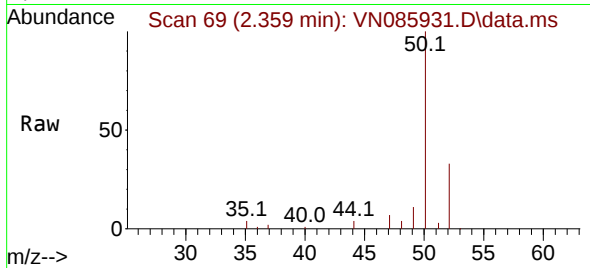
Tgt Ion: 85 Resp: 46040
Ion Ratio Lower Upper
85 100
87 29.7 16.4 49.2





#3
Chloromethane
Concen: 18.746 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

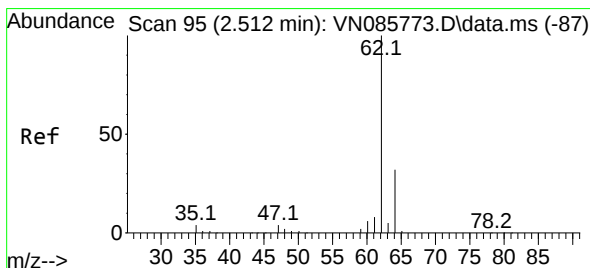
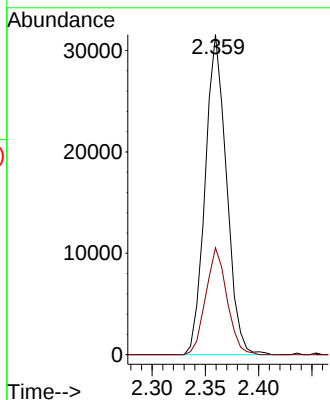
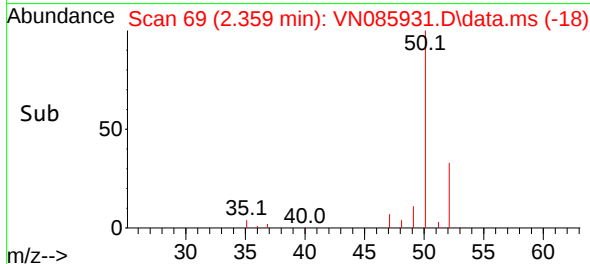
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 50 Resp: 43998
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1

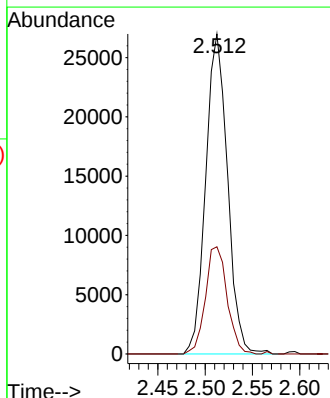
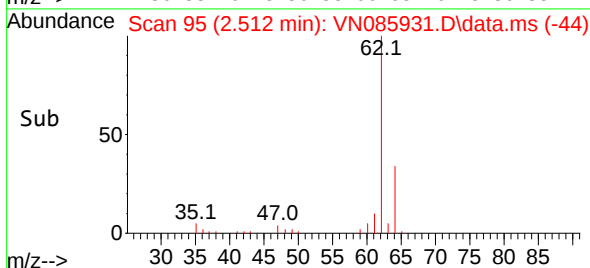
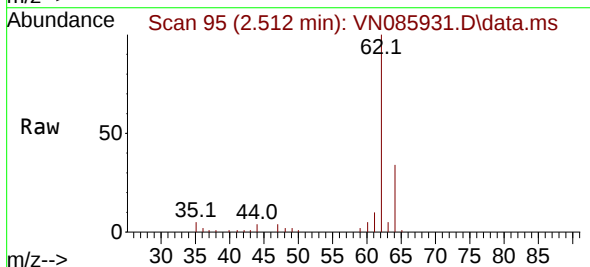
Manual Integrations
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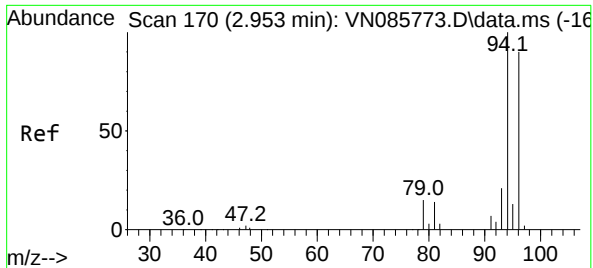
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 17.359 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion: 62 Resp: 43138
Ion Ratio Lower Upper
62 100
64 33.5 25.9 38.9





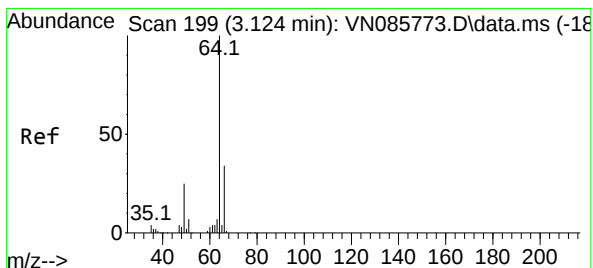
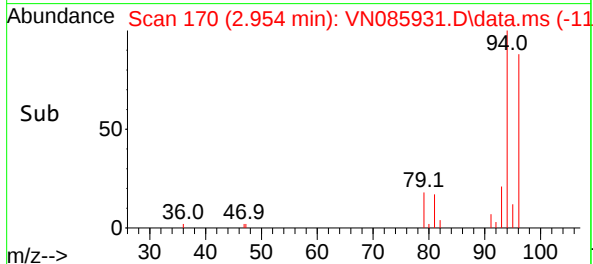
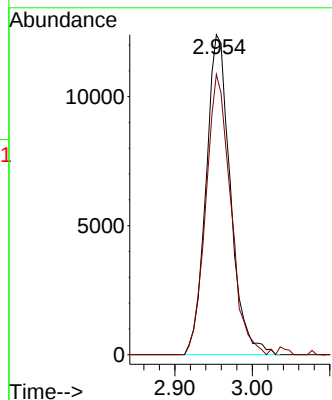
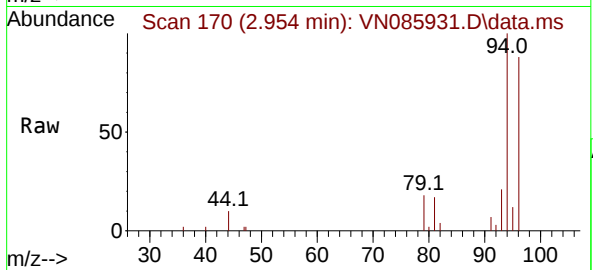
#5
Bromomethane
Concen: 17.033 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 94 Resp: 2706
Ion Ratio Lower Upper
94 100
96 87.6 71.7 107.5

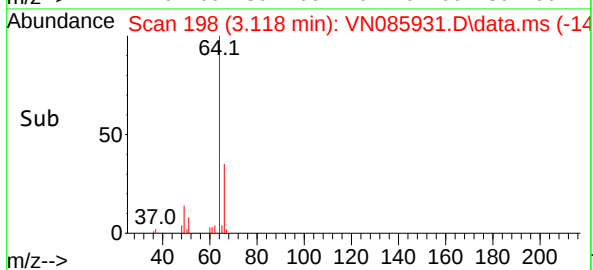
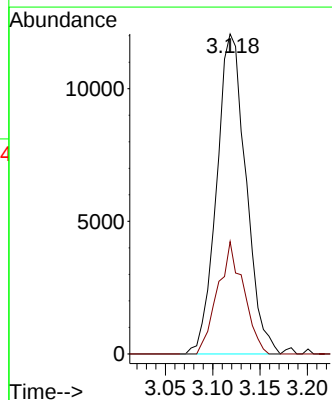
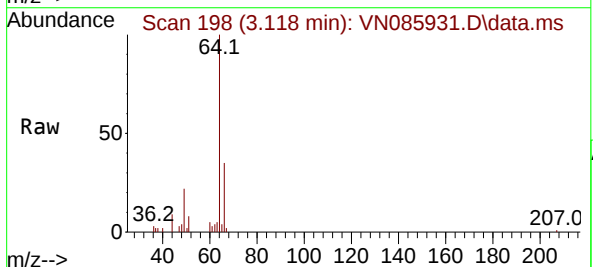
Manual Integrations
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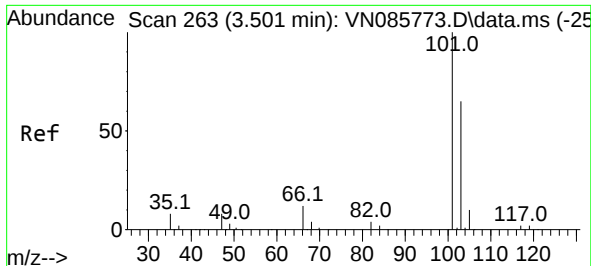
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 15.748 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

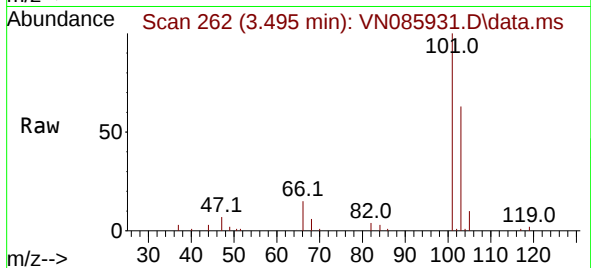
Tgt Ion: 64 Resp: 25922
Ion Ratio Lower Upper
64 100
66 35.1 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 18.985 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

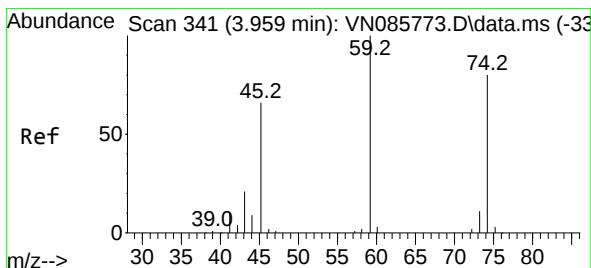
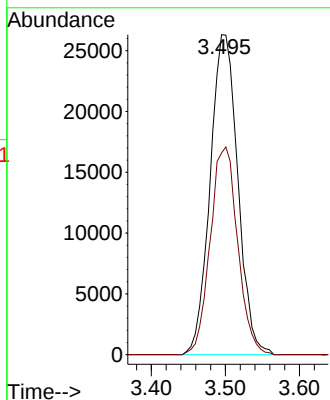
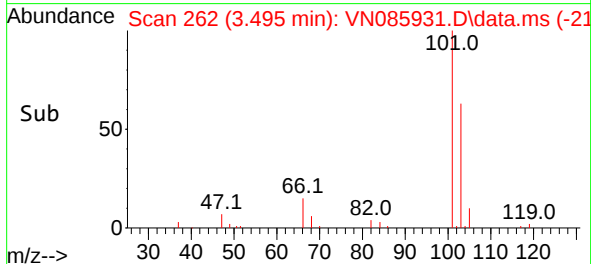
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



Tgt Ion:101 Resp: 68309
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.4

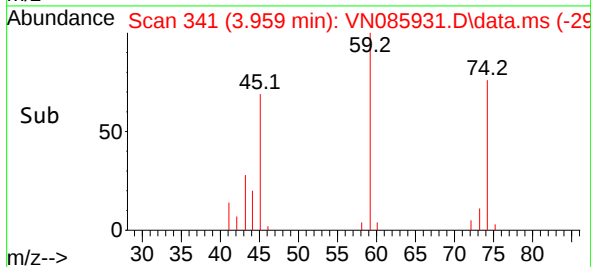
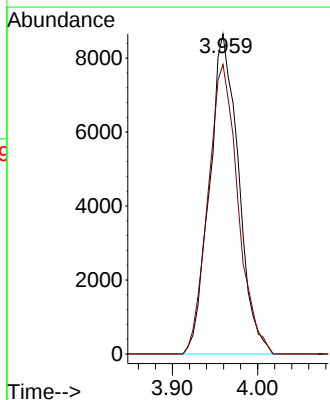
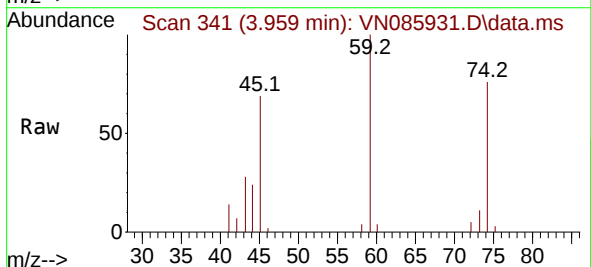
Manual Integrations
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Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#8
 Diethyl Ether
 Concen: 17.530 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

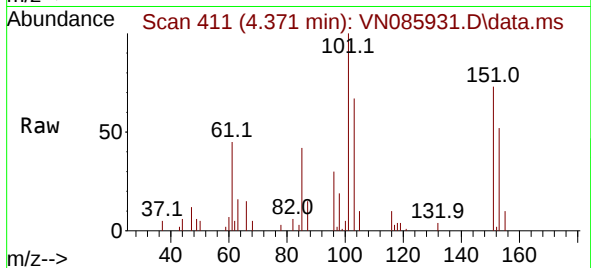
Tgt Ion: 74 Resp: 20408
 Ion Ratio Lower Upper
 74 100
 45 93.5 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.118 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

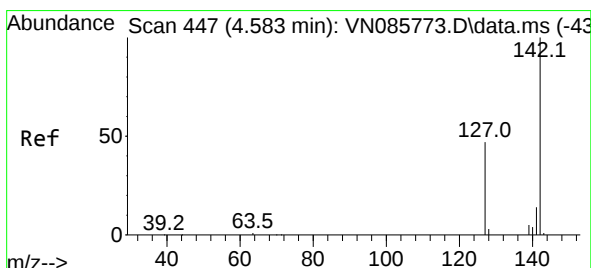
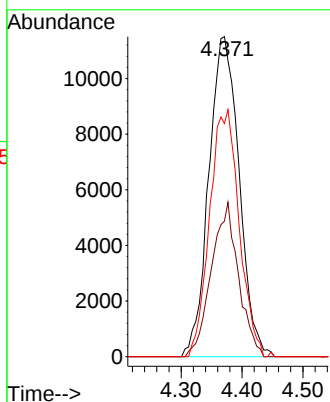
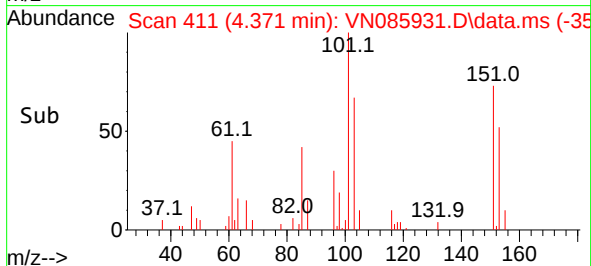
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ClientSampleId :
VN0311WBS01



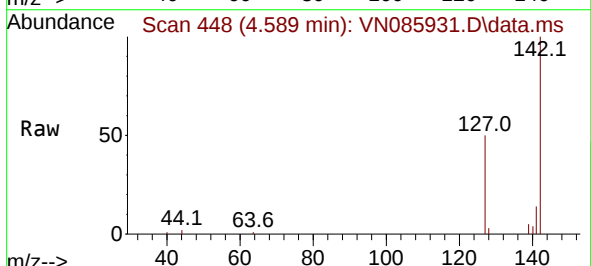
Tgt Ion:101 Resp: 3976
Ion Ratio Lower Upper
101 100
85 43.0 35.7 53.5
151 75.0 61.4 92.2

Manual Integrations
APPROVED

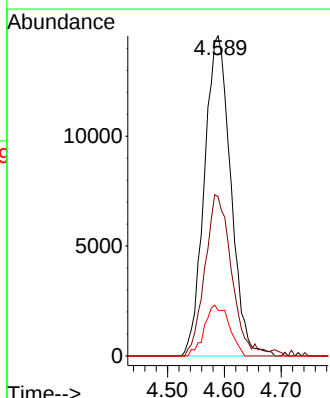
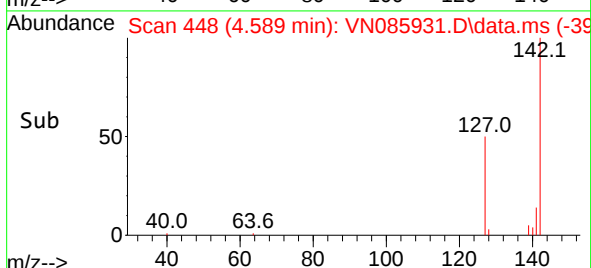
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

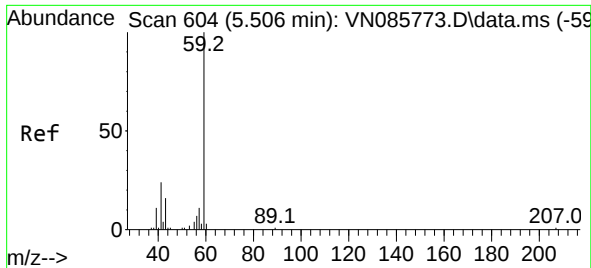


#10
Methyl Iodide
Concen: 18.329 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion:142 Resp: 46990
Ion Ratio Lower Upper
142 100
127 49.8 37.6 56.4
141 14.3 11.4 17.2





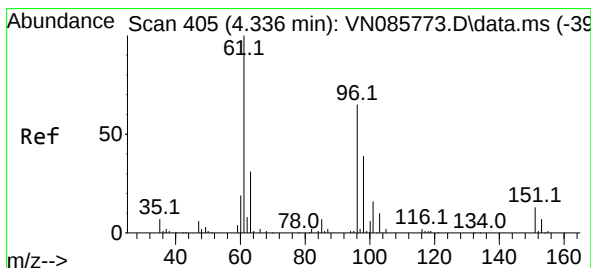
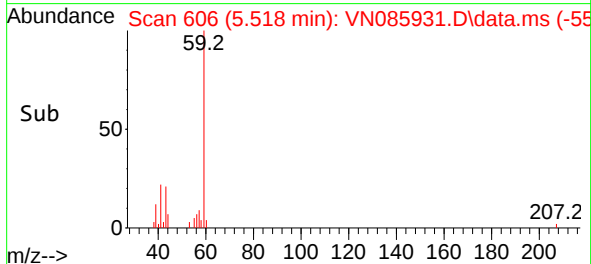
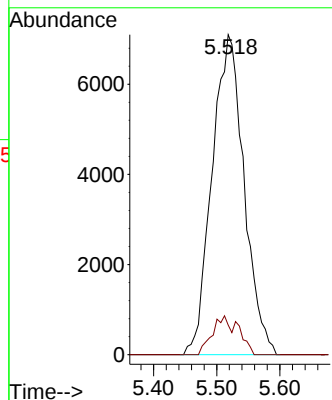
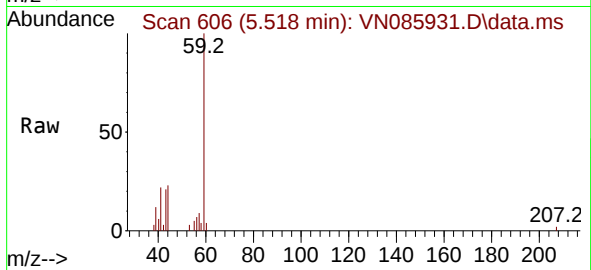
#11
Tert butyl alcohol
Concen: 91.127 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 59 Resp: 2498
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5

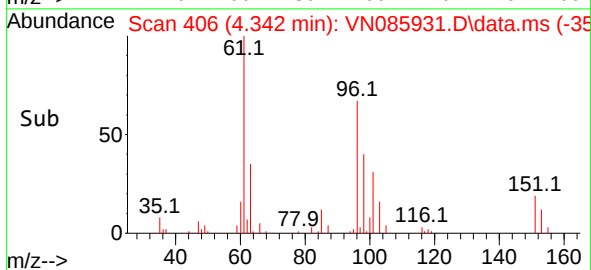
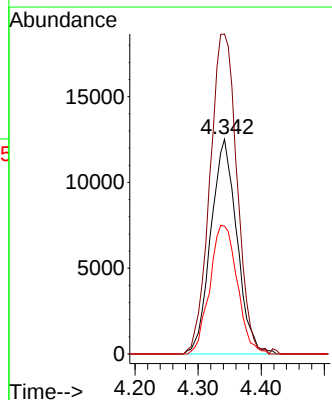
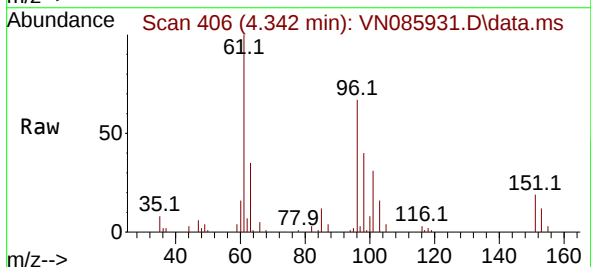
Manual Integrations
APPROVED

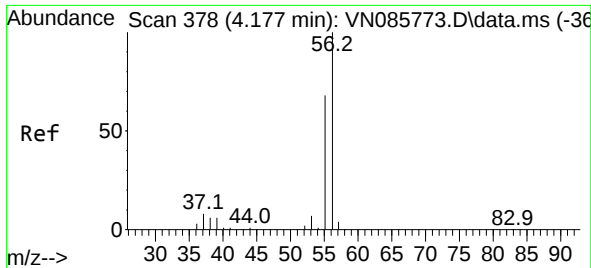
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 19.019 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion: 96 Resp: 35866
Ion Ratio Lower Upper
96 100
61 149.1 123.3 184.9
98 59.6 48.6 72.8





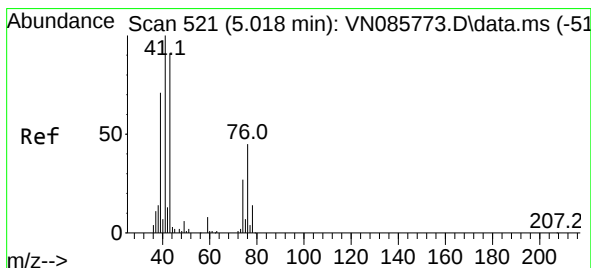
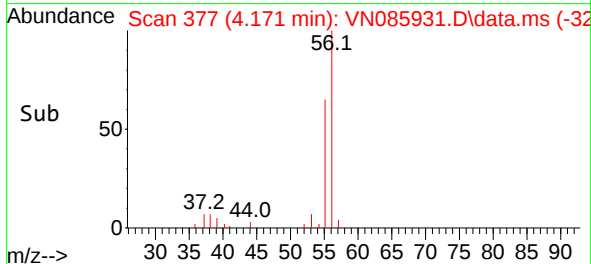
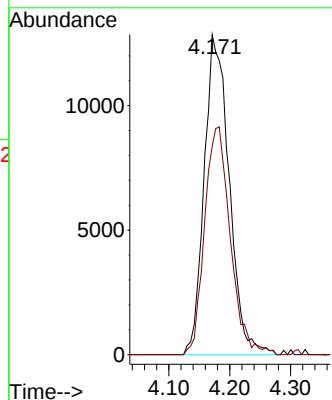
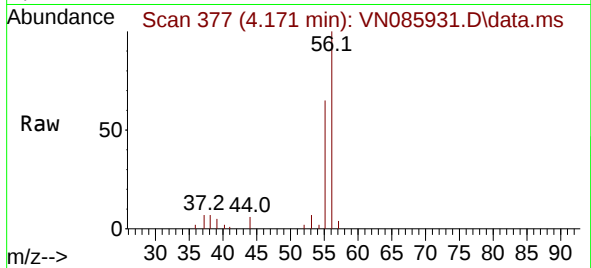
#13
Acrolein
Concen: 89.914 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 56 Resp: 3656
Ion Ratio Lower Upper
56 100
55 73.4 55.3 82.9

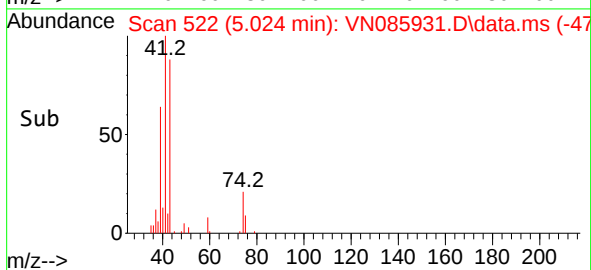
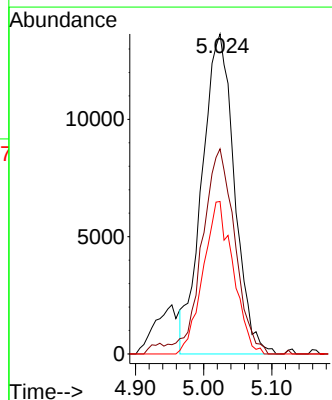
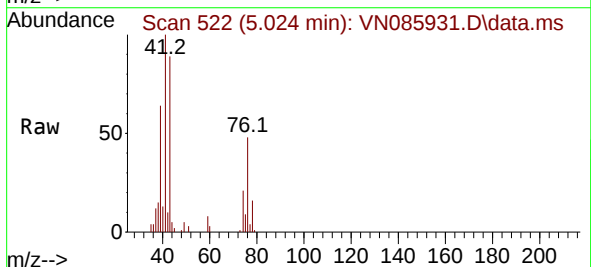
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 18.215 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

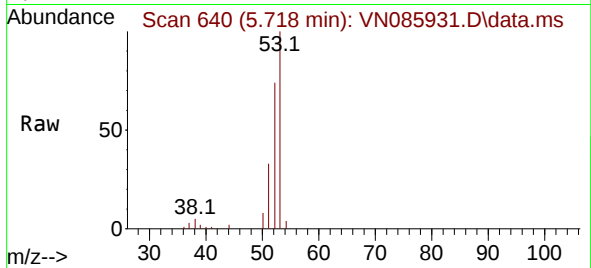
Tgt Ion: 41 Resp: 45099
Ion Ratio Lower Upper
41 100
39 64.0 57.4 86.2
76 44.2 36.2 54.2





#15
Acrylonitrile
Concen: 99.833 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

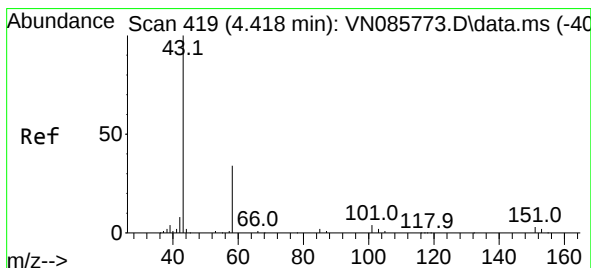
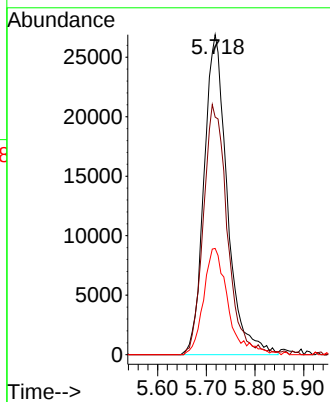
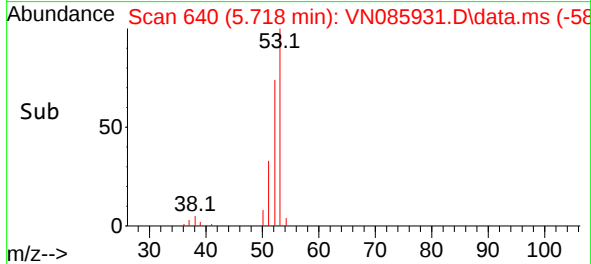
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



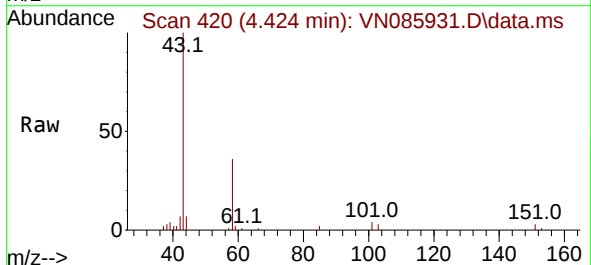
Tgt Ion: 53 Resp: 8899
Ion Ratio Lower Upper
53 100
52 80.3 65.8 98.6
51 35.0 28.6 42.8

Manual Integrations
APPROVED

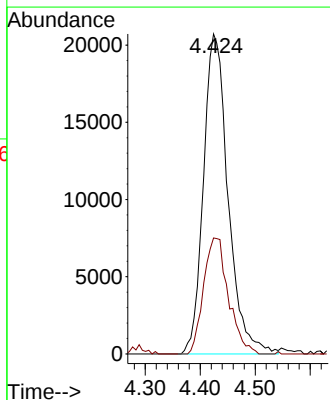
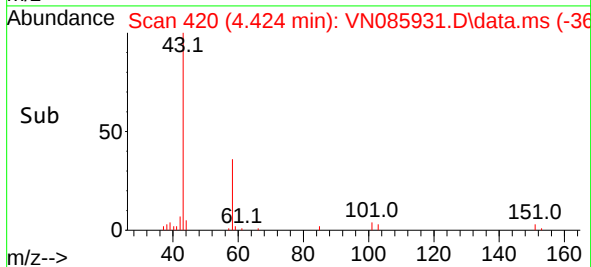
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

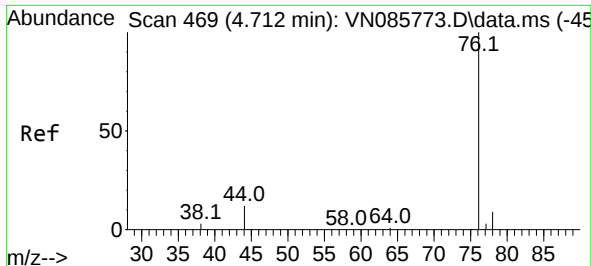


#16
Acetone
Concen: 91.405 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion: 43 Resp: 64479
Ion Ratio Lower Upper
43 100
58 36.2 27.5 41.3





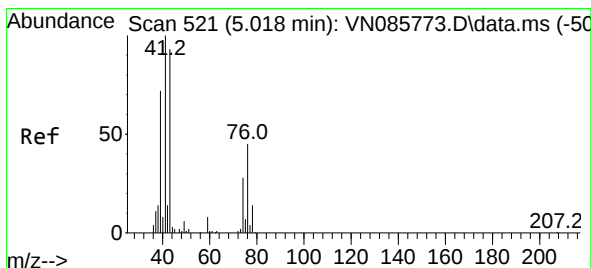
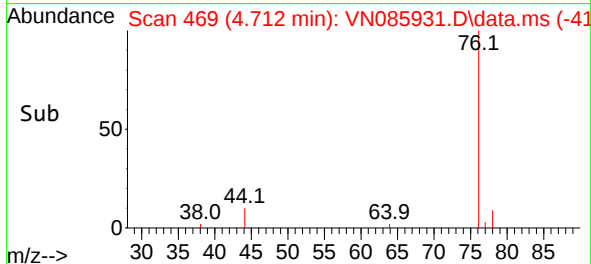
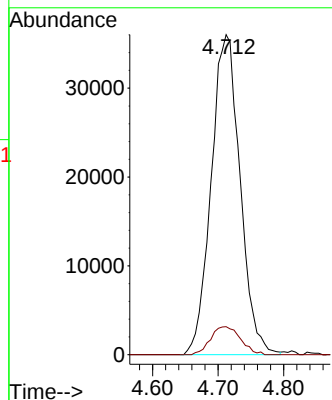
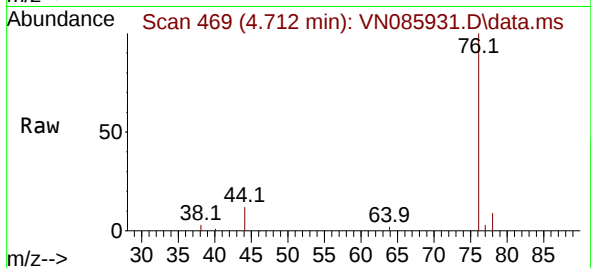
#17
Carbon Disulfide
Concen: 19.707 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 76 Resp: 11014
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

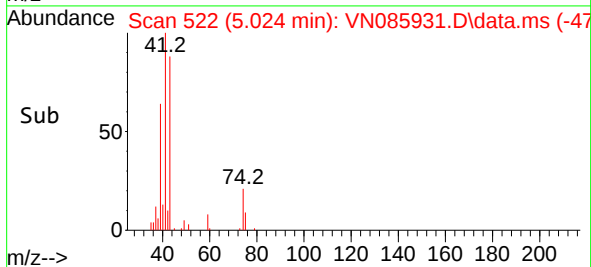
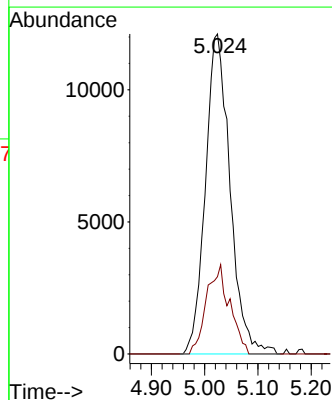
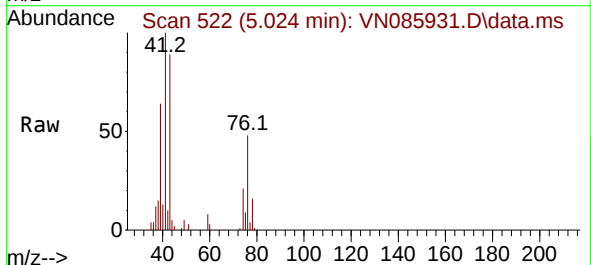
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 16.062 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion: 43 Resp: 38972
Ion Ratio Lower Upper
43 100
74 26.2 22.2 33.4





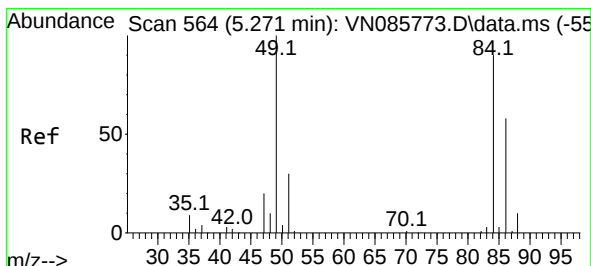
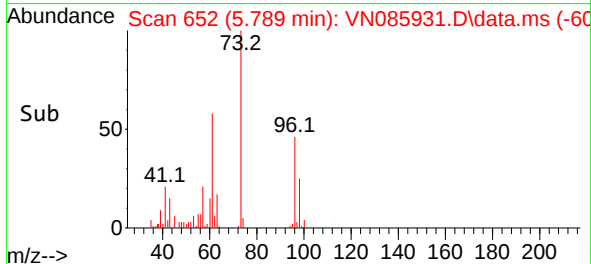
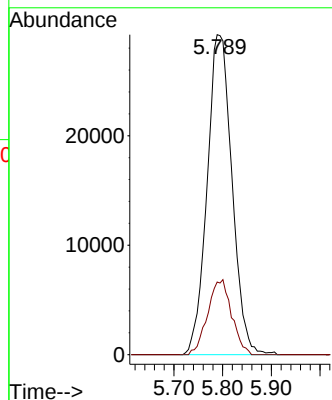
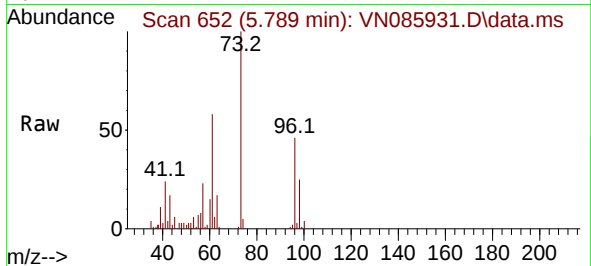
#19
Methyl tert-butyl Ether
Concen: 18.531 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 73 Resp: 103840
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

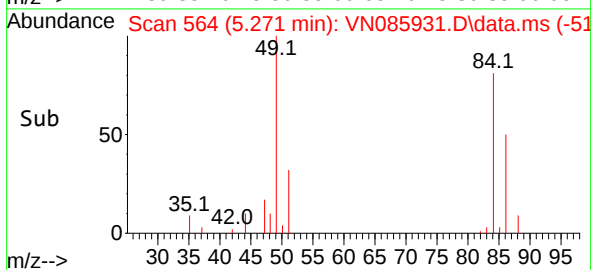
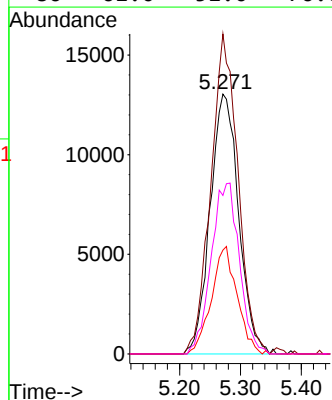
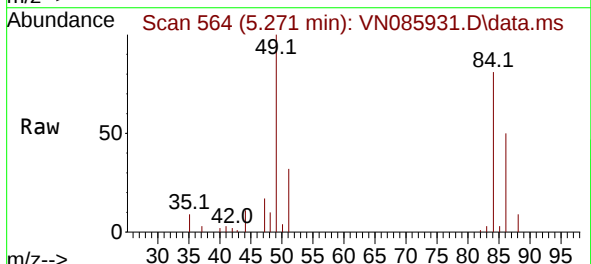
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 18.704 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

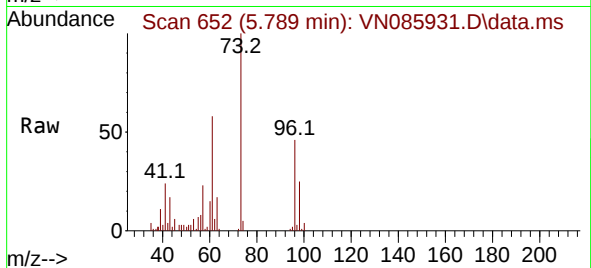
Tgt Ion: 84 Resp: 42432
Ion Ratio Lower Upper
84 100
49 123.1 88.4 132.6
51 39.9 26.6 40.0
86 61.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.450 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

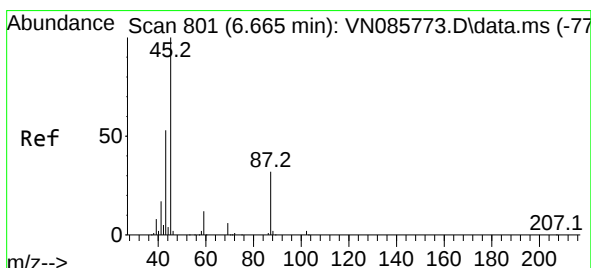
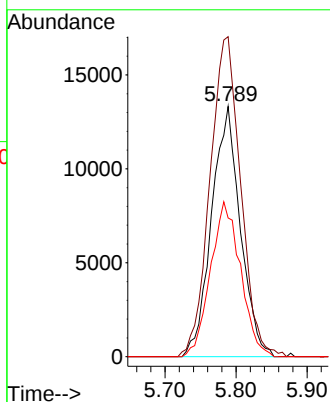
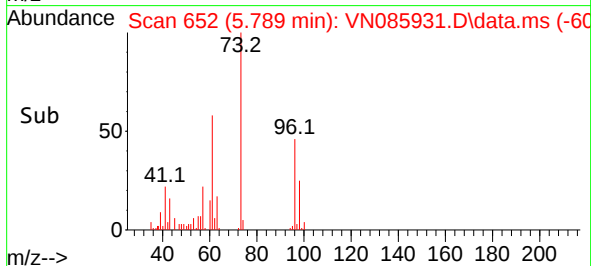
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



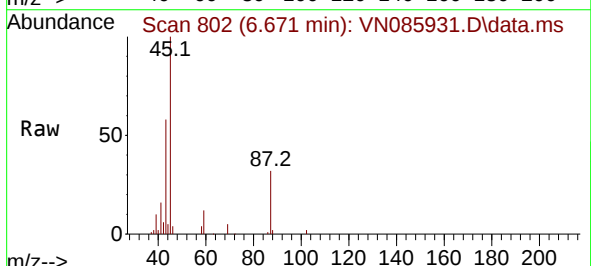
Tgt Ion: 96 Resp: 3746
Ion Ratio Lower Upper
96 100
61 127.9 112.6 168.8
98 55.4 53.3 79.9

Manual Integrations
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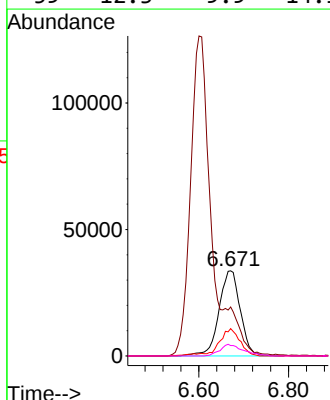
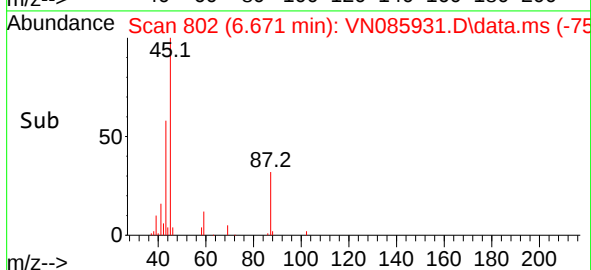
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 19.912 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion: 45 Resp: 111397
Ion Ratio Lower Upper
45 100
43 56.1 42.6 64.0
87 32.1 25.8 38.8
59 12.3 9.9 14.9





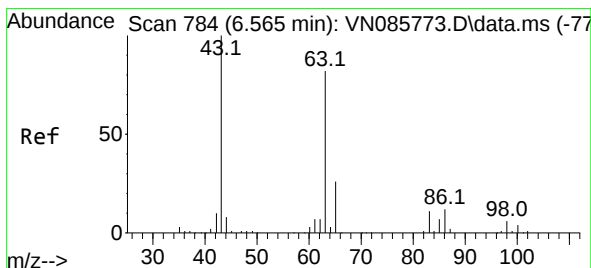
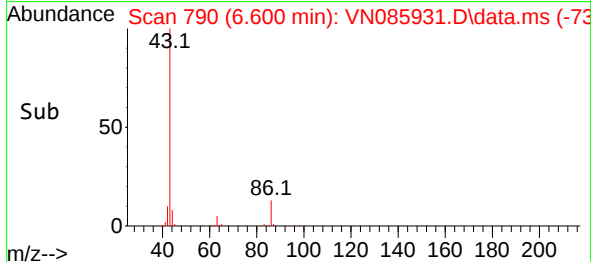
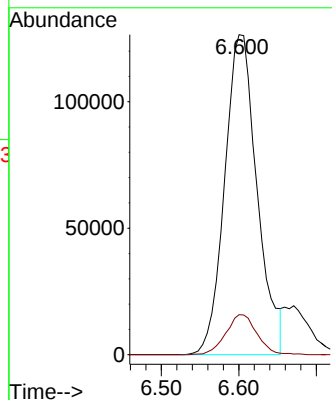
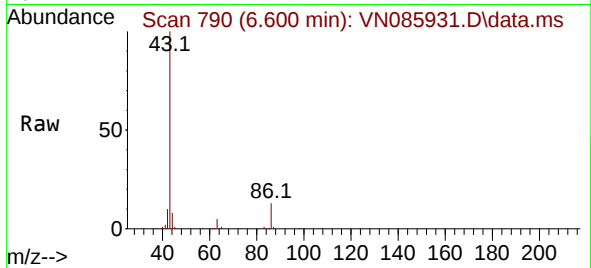
#23
 Vinyl Acetate
 Concen: 96.289 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

Tgt Ion: 43 Resp: 368840
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

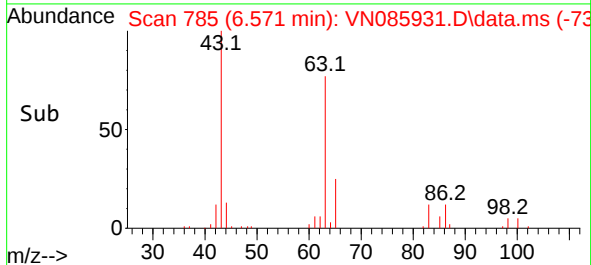
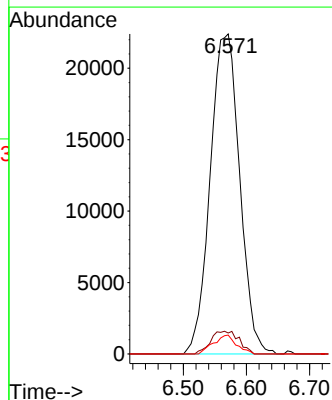
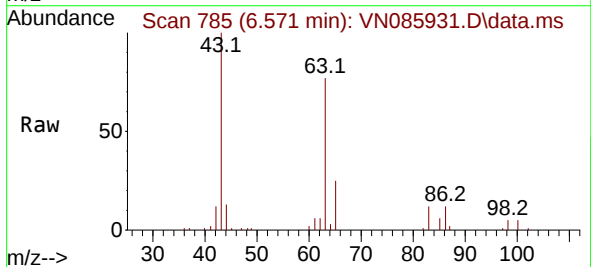
Manual Integrations
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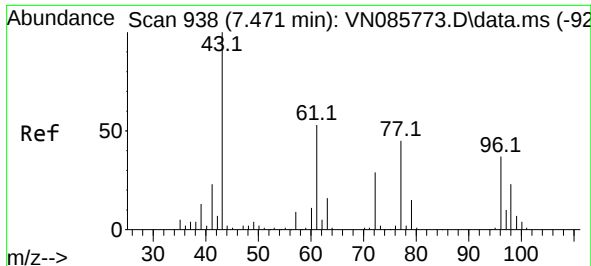
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#24
 1,1-Dichloroethane
 Concen: 19.081 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

Tgt Ion: 63 Resp: 72568
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 5.9 2.4 7.2





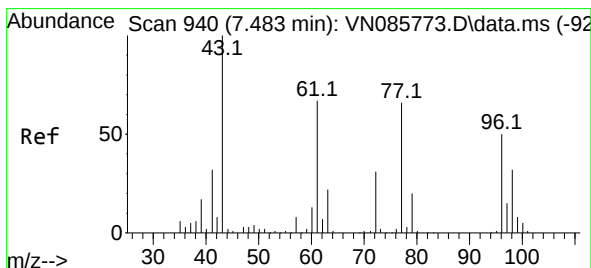
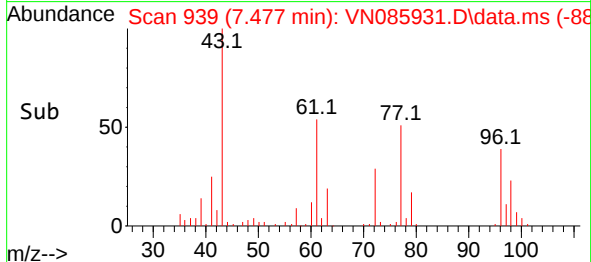
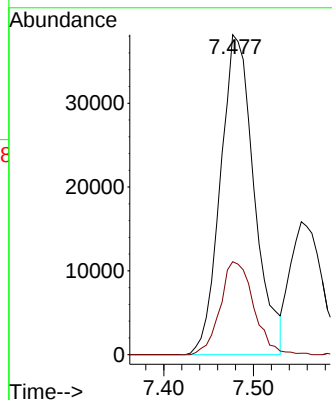
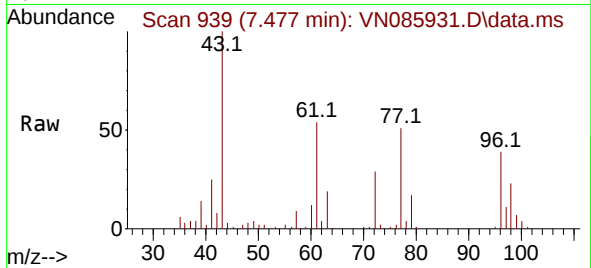
#25
2-Butanone
Concen: 96.221 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 43 Resp: 9985
Ion Ratio Lower Upper
43 100
72 29.0 23.6 35.4

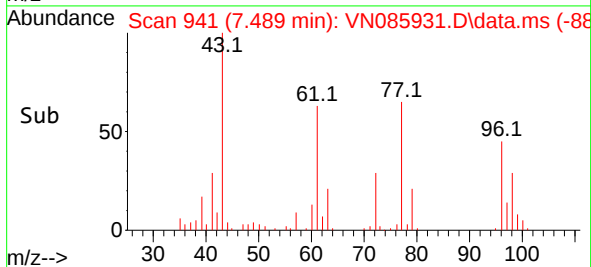
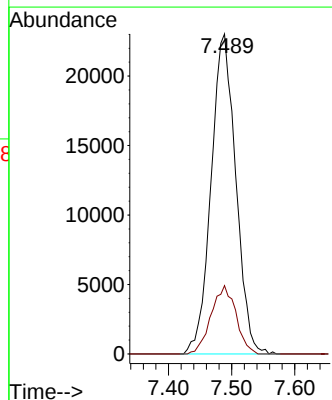
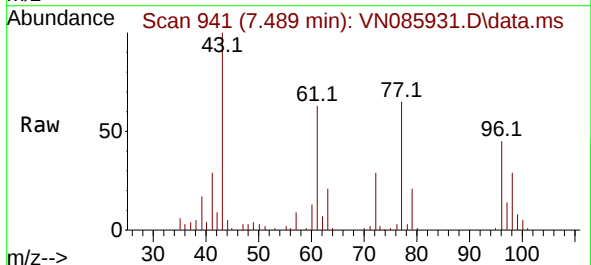
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#26
2,2-Dichloropropane
Concen: 18.505 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

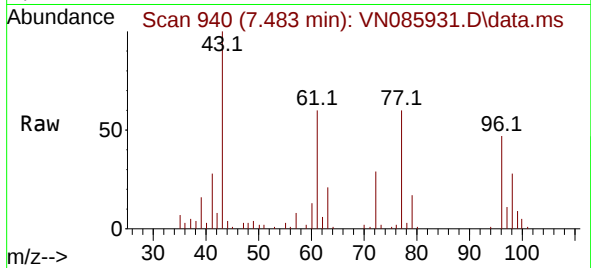
Tgt Ion: 77 Resp: 62578
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.000 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

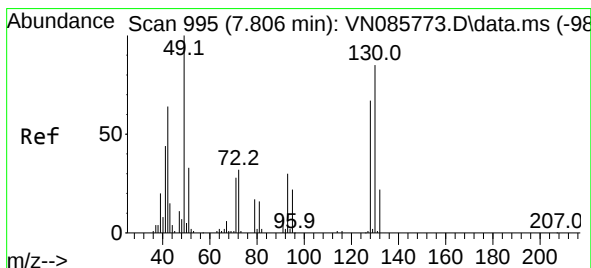
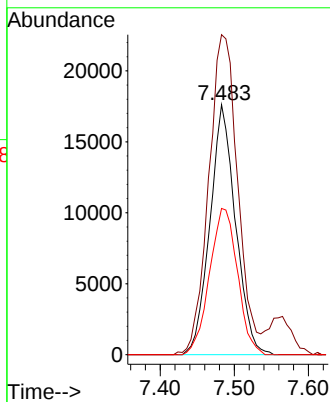
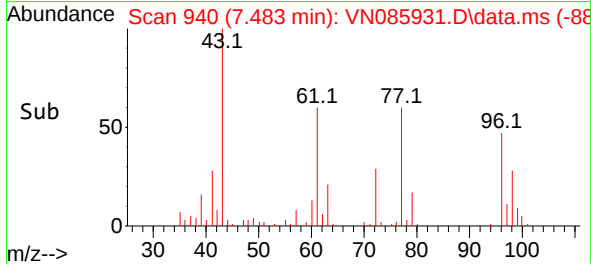
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



Tgt Ion: 96 Resp: 42379
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 280.6
 98 63.7 0.0 128.6

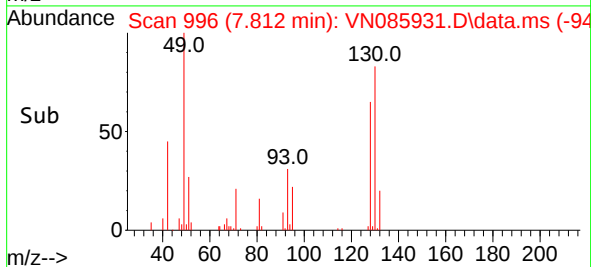
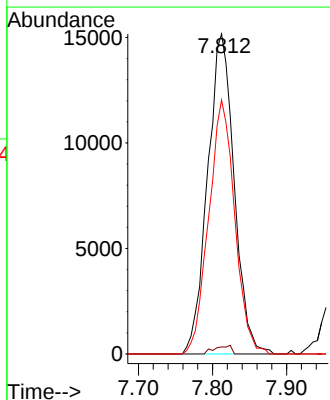
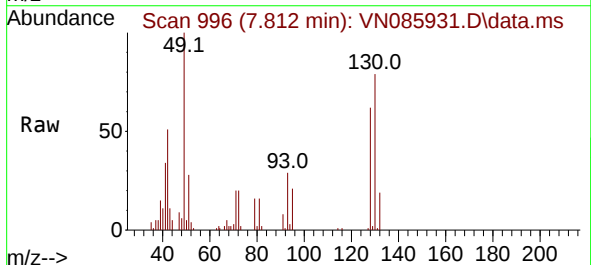
Manual Integrations
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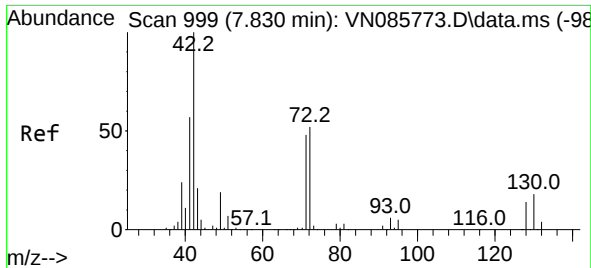
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 24.145 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

Tgt Ion: 49 Resp: 37741
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 77.6 68.0 102.0





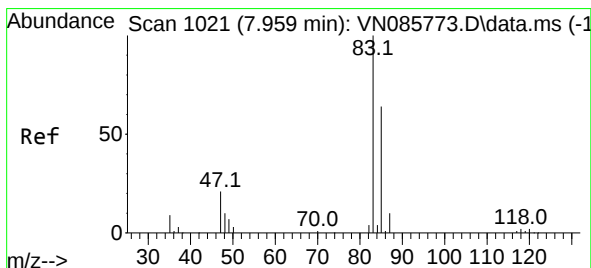
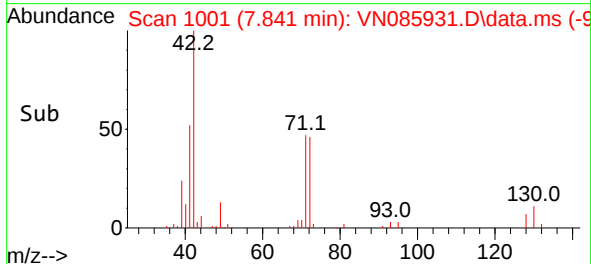
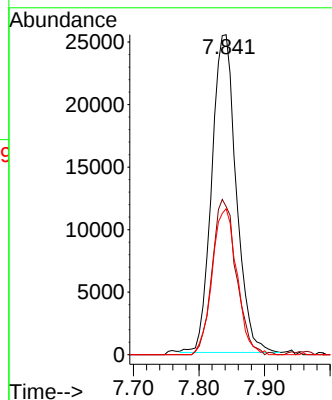
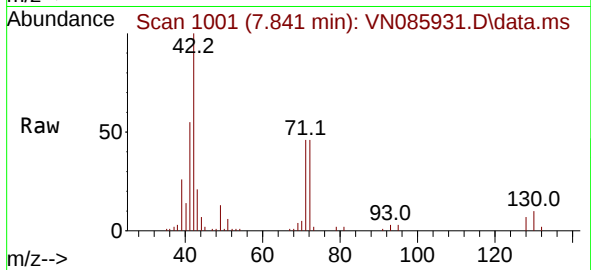
#29
Tetrahydrofuran
Concen: 98.221 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 42 Resp: 6582
Ion Ratio Lower Upper
42 100
72 48.3 40.0 60.0
71 46.4 37.0 55.4

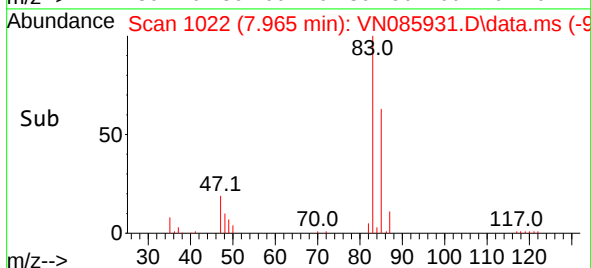
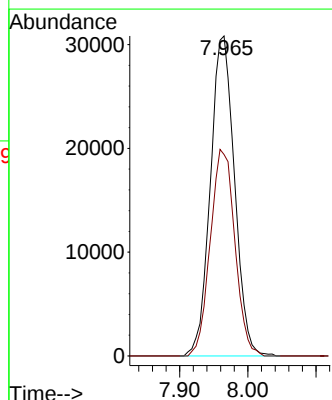
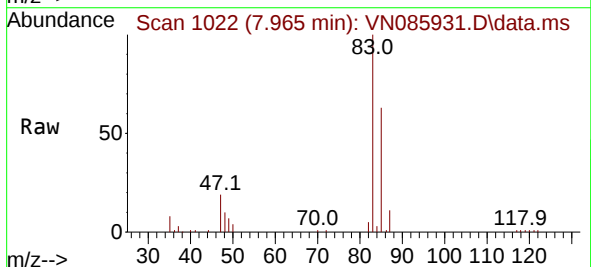
Manual Integrations
APPROVED

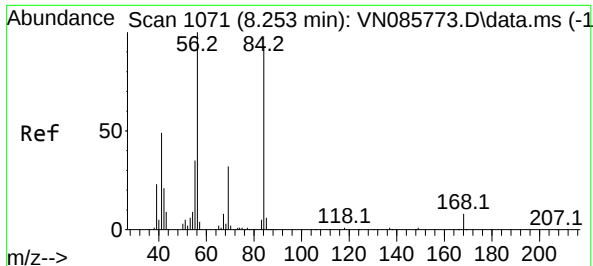
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 19.108 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

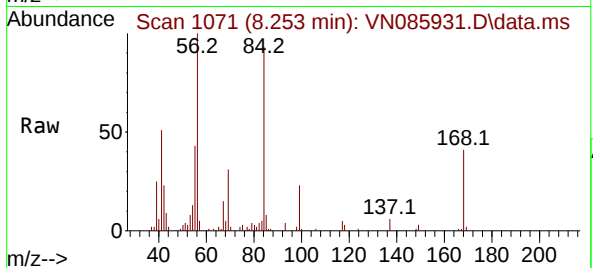
Tgt Ion: 83 Resp: 75940
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3





#31
Cyclohexane
Concen: 18.712 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

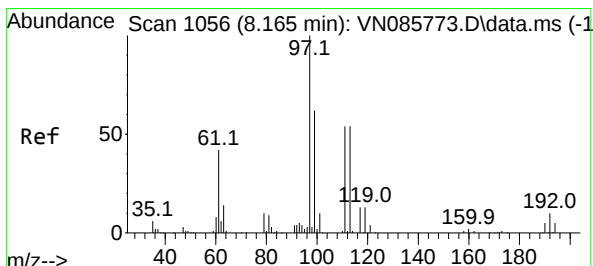
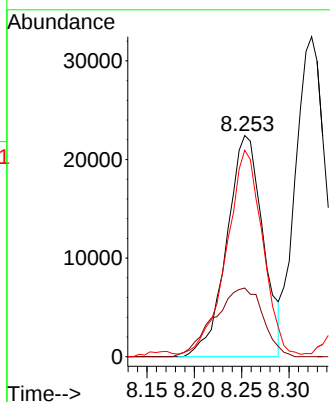
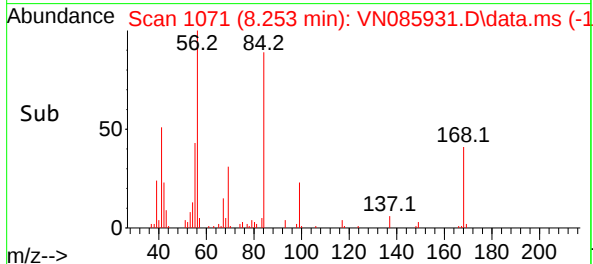
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



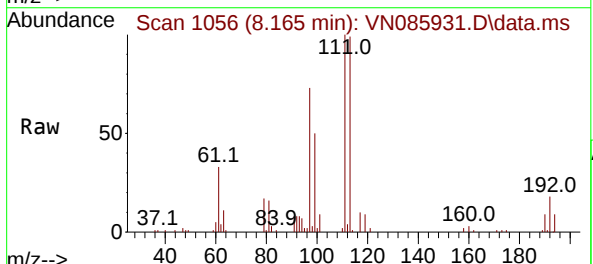
Tgt Ion: 56 Resp: 59584
Ion Ratio Lower Upper
56 100
69 30.1 25.8 38.6
84 92.2 74.5 111.7

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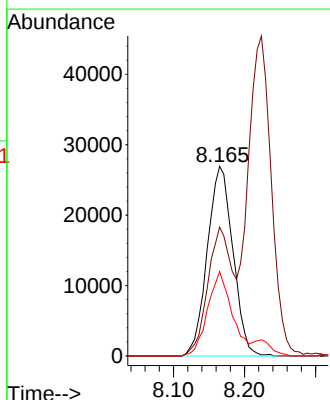
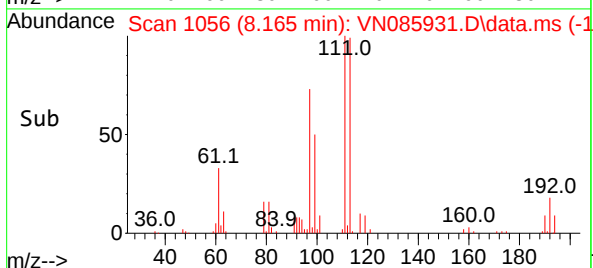
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#32
1,1,1-Trichloroethane
Concen: 19.050 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion: 97 Resp: 67340
Ion Ratio Lower Upper
97 100
99 65.0 50.4 75.6
61 42.5 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 46.871 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 65 Resp: 10449

Ion Ratio Lower Upper

65 100

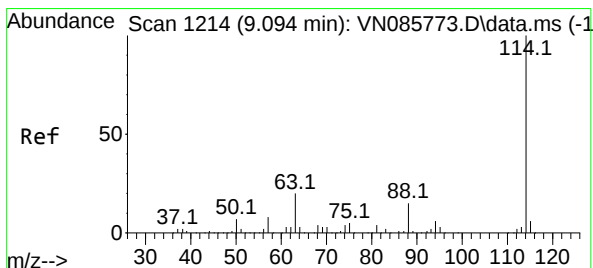
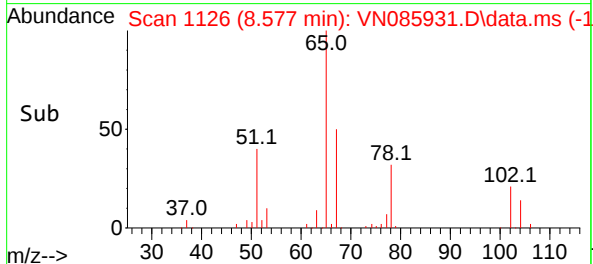
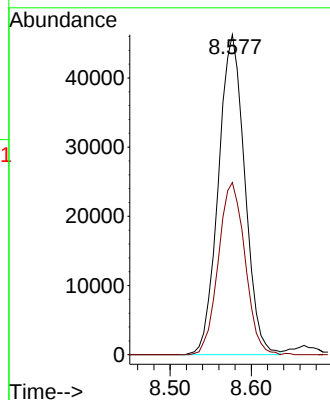
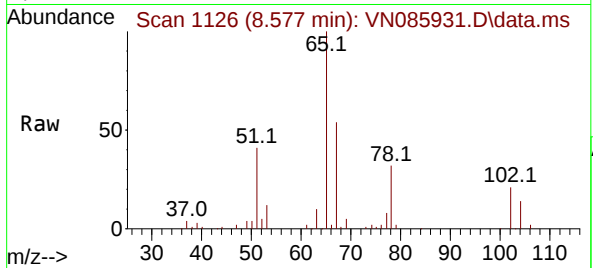
67 54.4 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

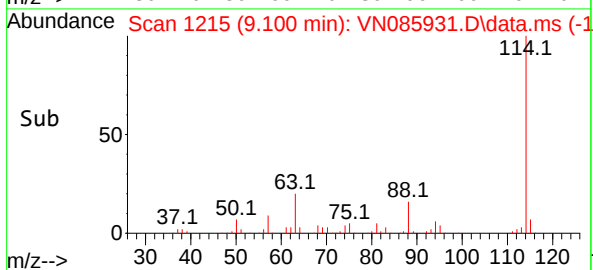
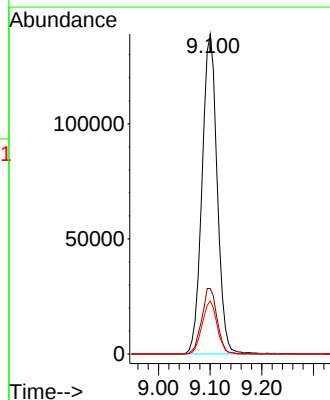
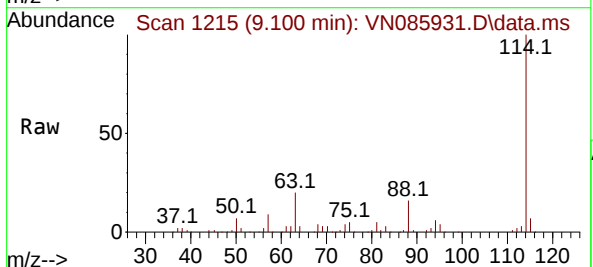
Tgt Ion:114 Resp: 282309

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 16.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.910 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

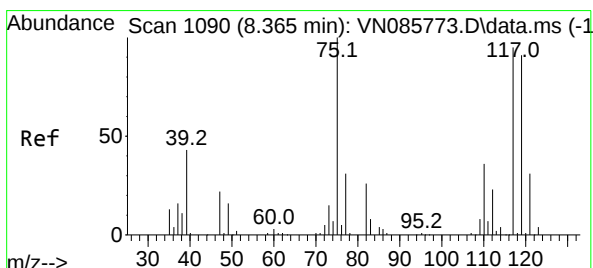
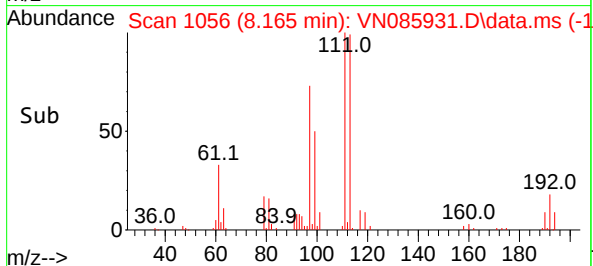
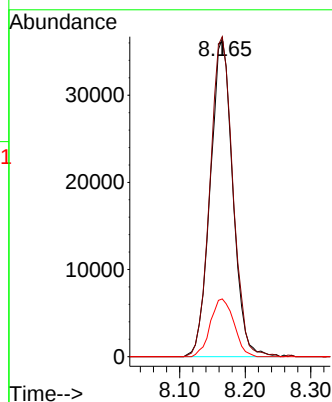
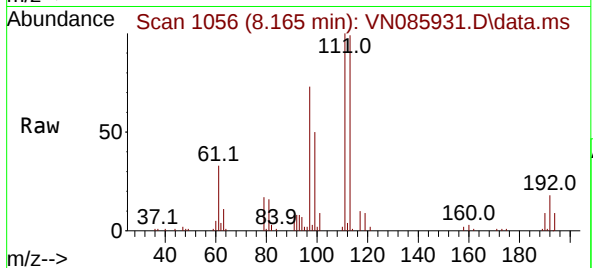
Tgt Ion:	113	Resp:	8665
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.2	123.4
192	19.1	14.7	22.1

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#36

1,1-Dichloropropene

Concen: 18.958 ug/l

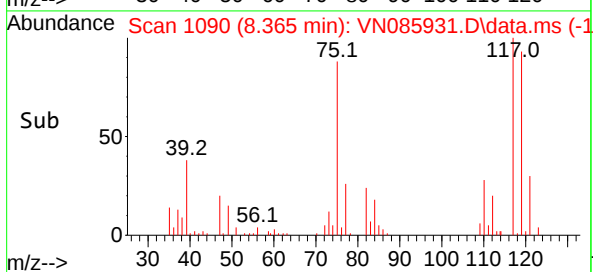
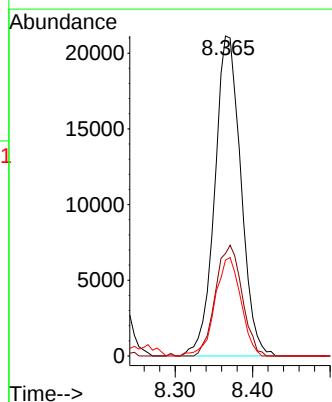
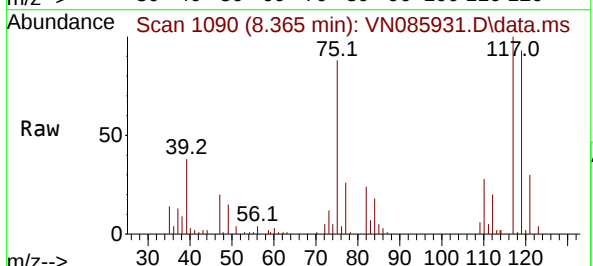
RT: 8.365 min Scan# 1090

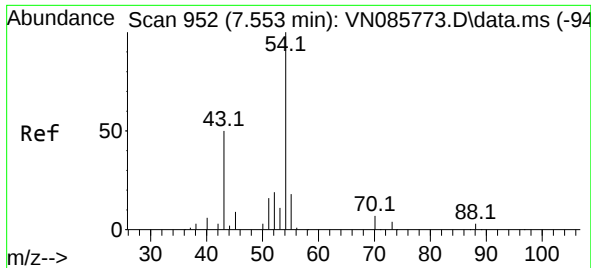
Delta R.T. 0.000 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Tgt Ion:	75	Resp:	49565
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.3	52.0
77	30.4	24.6	37.0





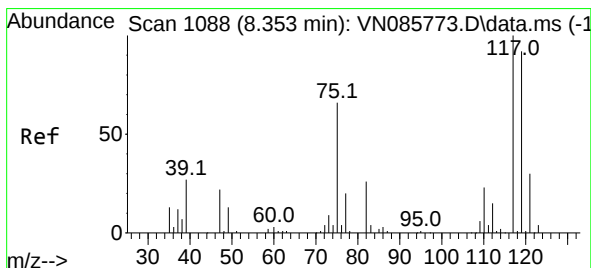
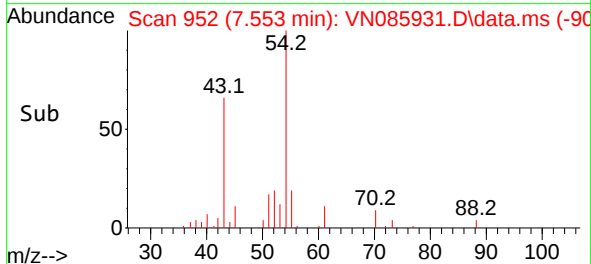
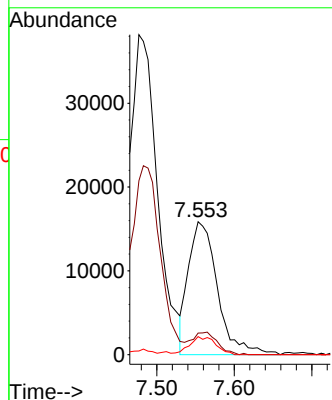
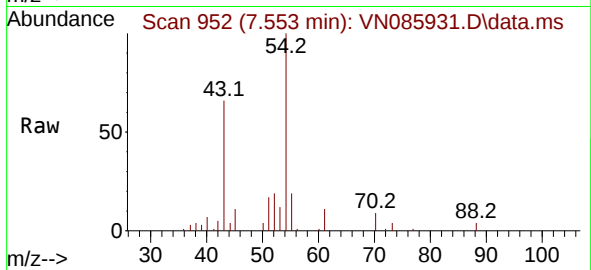
#37
Ethyl Acetate
Concen: 19.258 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 43 Resp: 4143
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 12.2 9.5 14.3

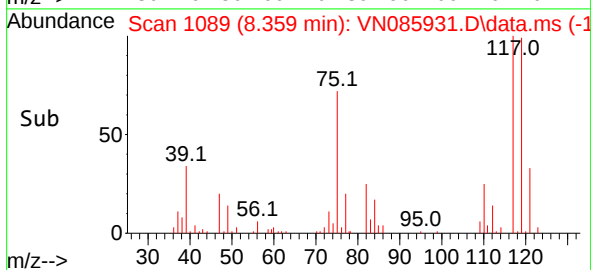
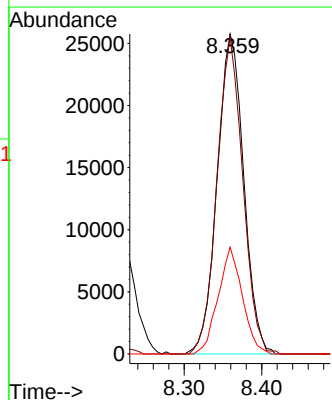
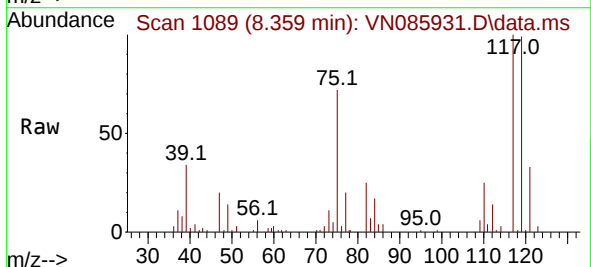
Manual Integrations
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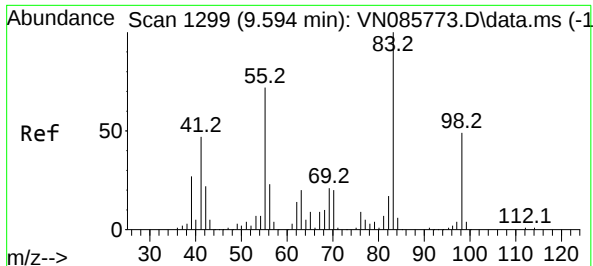
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#38
Carbon Tetrachloride
Concen: 19.749 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion:117 Resp: 61348
Ion Ratio Lower Upper
117 100
119 99.0 73.8 110.6
121 33.3 24.3 36.5





#39

Methylcyclohexane

Concen: 17.697 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

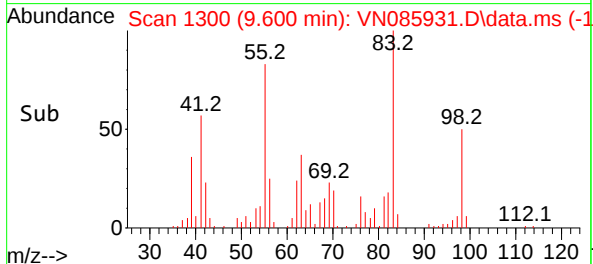
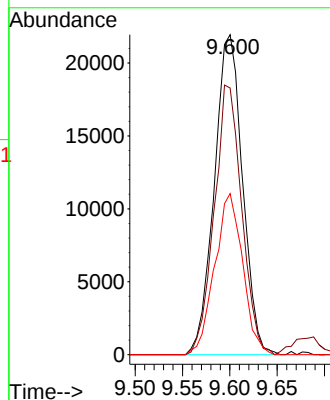
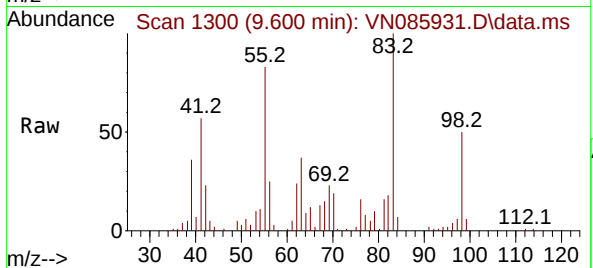
Tgt Ion: 83 Resp: 45454
 Ion Ratio Lower Upper
 83 100
 55 83.3 57.5 86.3
 98 50.3 39.2 58.8

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 19.709 ug/l

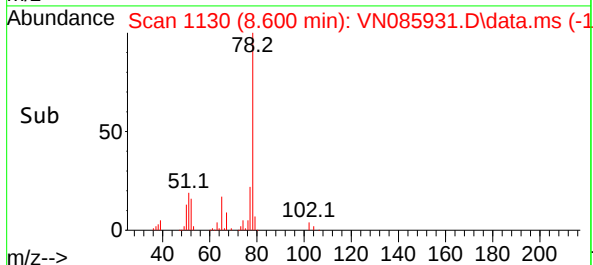
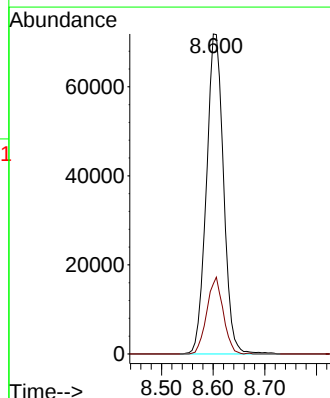
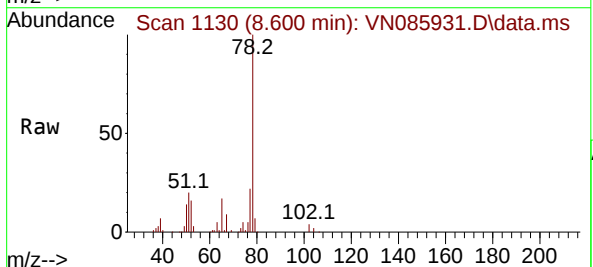
RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

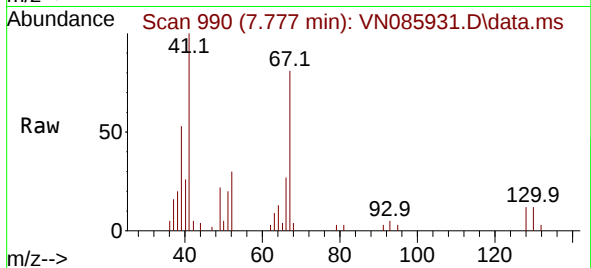
Tgt Ion: 78 Resp: 165147
 Ion Ratio Lower Upper
 78 100
 77 21.9 18.3 27.5





#41
Methacrylonitrile
Concen: 19.893 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

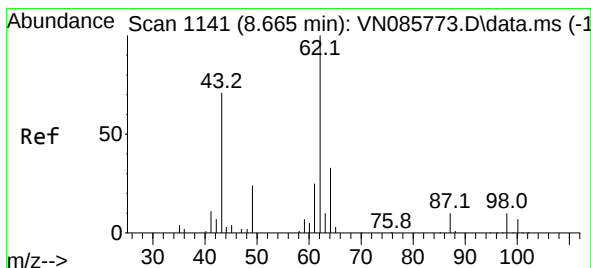
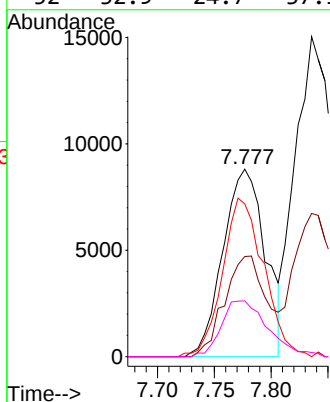
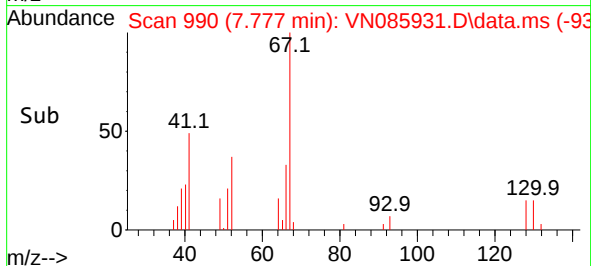
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 41 Resp: 22880
Ion Ratio Lower Upper
41 100
39 52.9 42.0 63.0
67 81.8 64.2 96.4
52 32.9 24.7 37.1

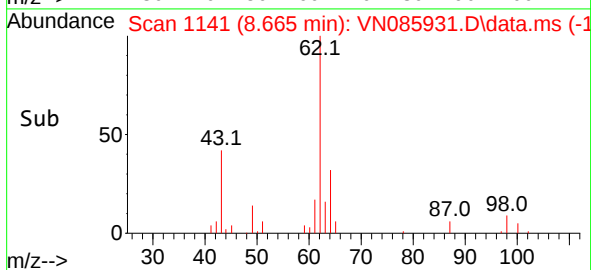
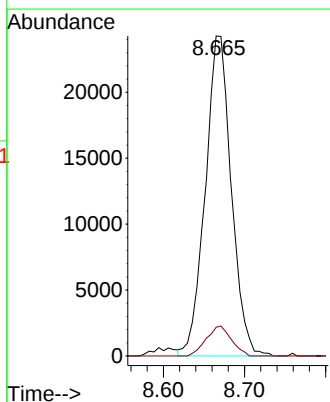
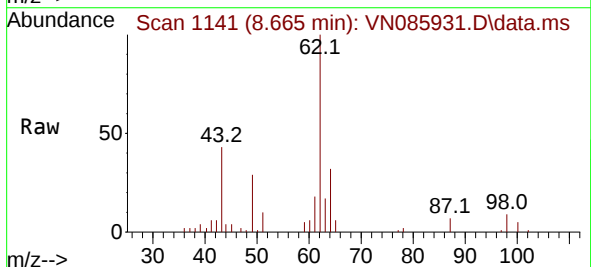
Manual Integrations
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Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 19.814 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

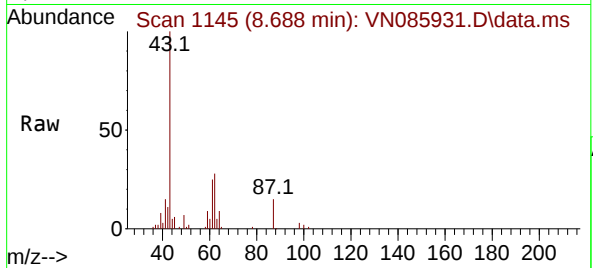
Tgt Ion: 62 Resp: 54080
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.6





#43
Isopropyl Acetate
Concen: 18.830 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

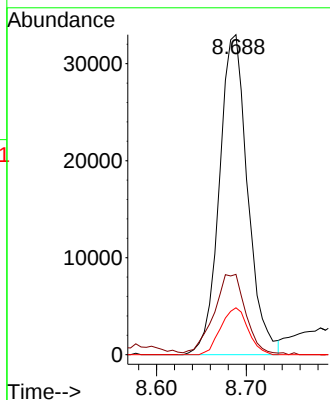
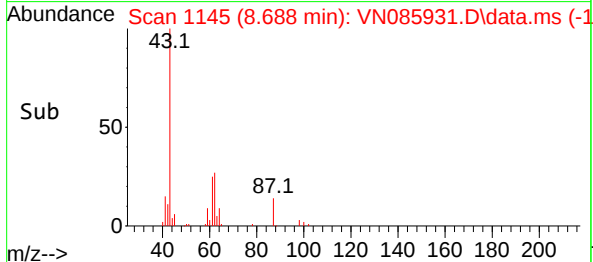
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 43 Resp: 72385
Ion Ratio Lower Upper
43 100
61 28.5 22.6 34.0
87 14.1 11.8 17.8

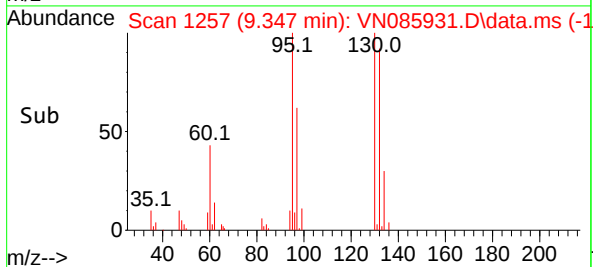
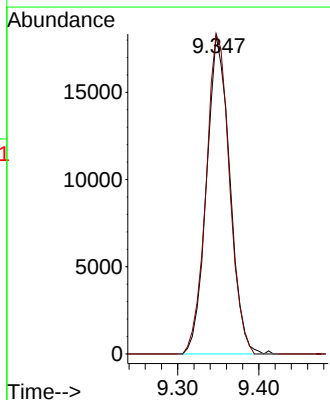
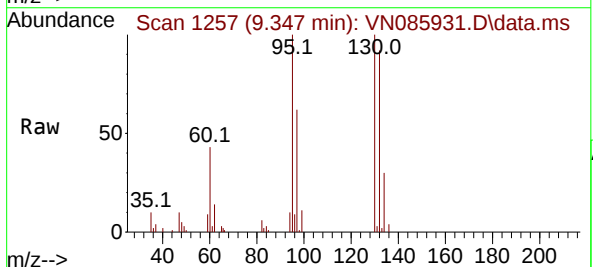
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#44
Trichloroethene
Concen: 17.671 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion:130 Resp: 36357
Ion Ratio Lower Upper
130 100
95 100.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.649 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 63 Resp: 3974

Ion Ratio Lower Upper

63 100

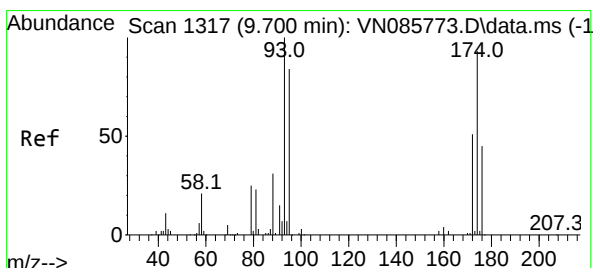
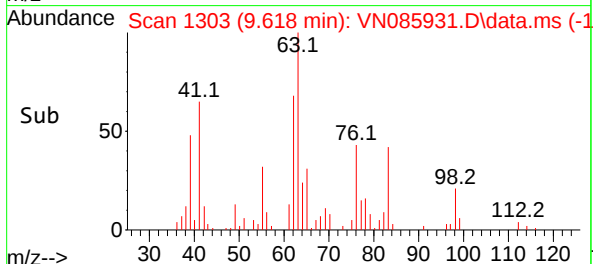
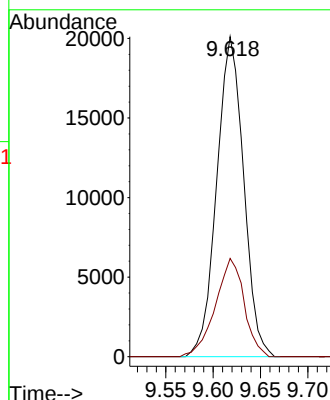
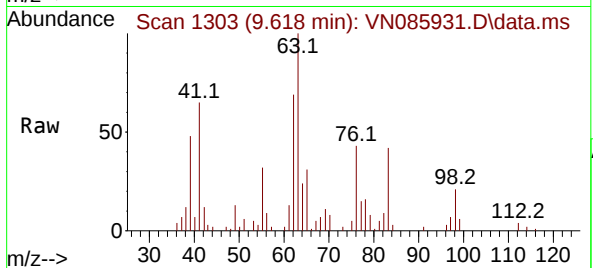
65 30.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 19.635 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

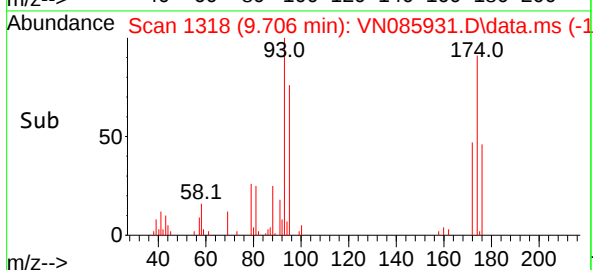
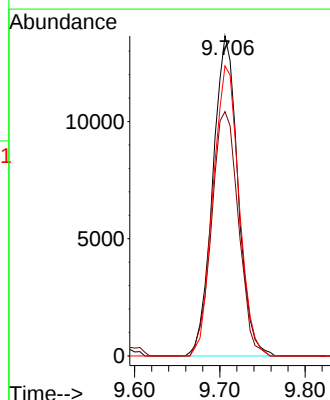
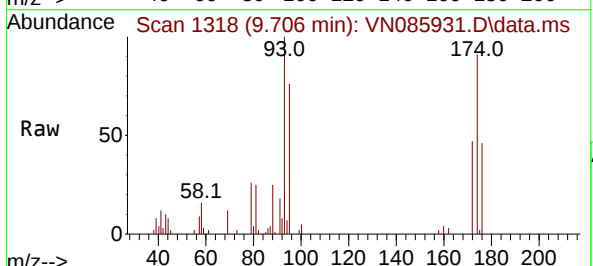
Tgt Ion: 93 Resp: 28013

Ion Ratio Lower Upper

93 100

95 81.3 66.7 100.1

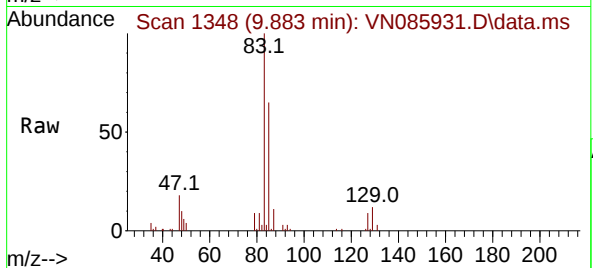
174 93.3 77.2 115.8





#47
Bromodichloromethane
Concen: 19.278 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

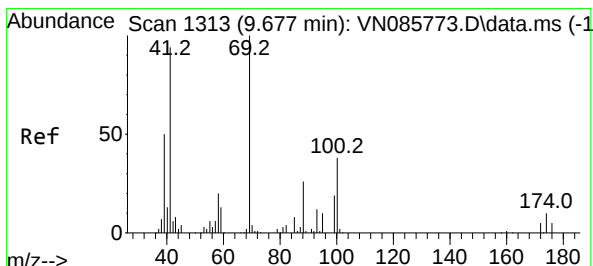
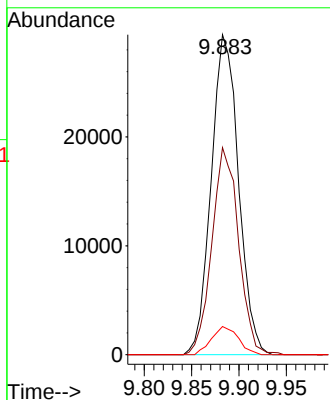
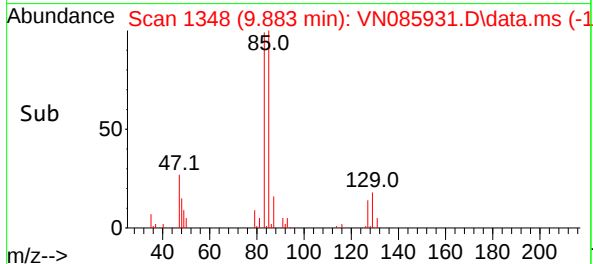
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion: 83 Resp: 5884
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 8.8 7.2 10.8

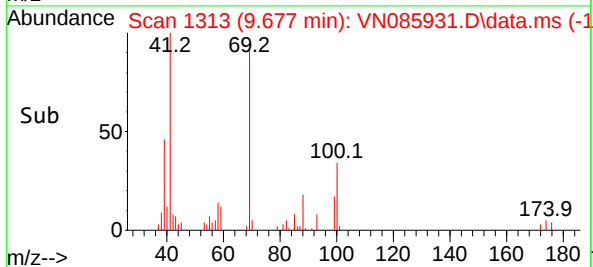
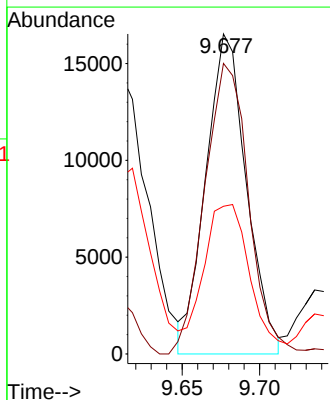
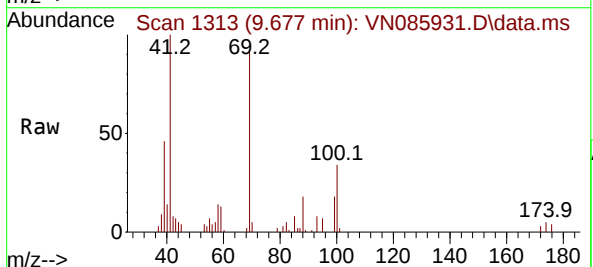
Manual Integrations
APPROVED

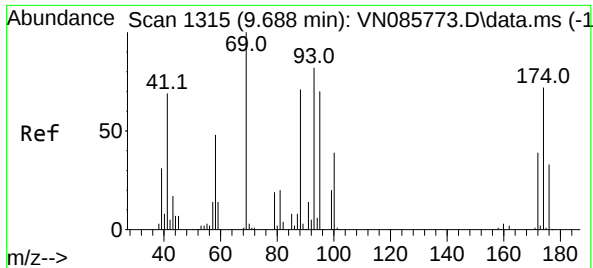
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#48
Methyl methacrylate
Concen: 18.870 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion: 41 Resp: 30151
Ion Ratio Lower Upper
41 100
69 97.9 76.0 114.0
39 53.7 42.3 63.5





#49

1,4-Dioxane

Concen: 400.527 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 88 Resp: 12170

Ion Ratio Lower Upper

88 100

43 30.4 18.6 27.8

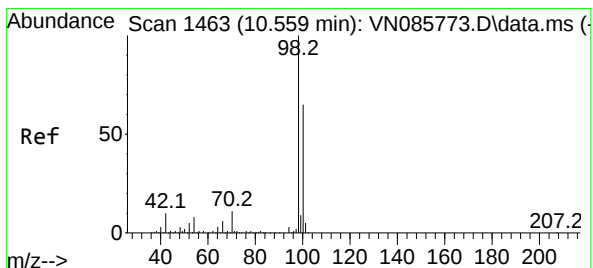
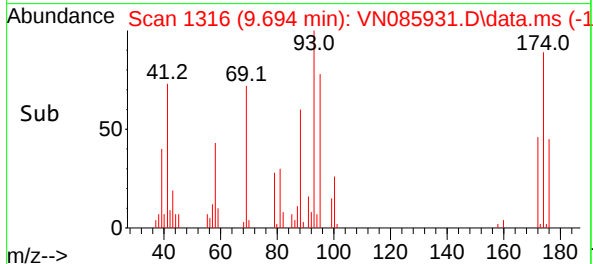
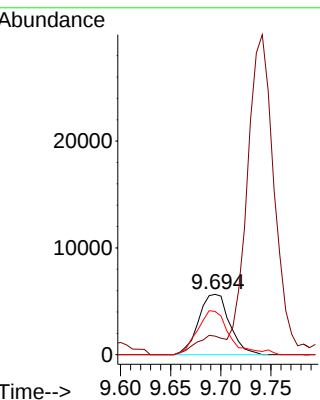
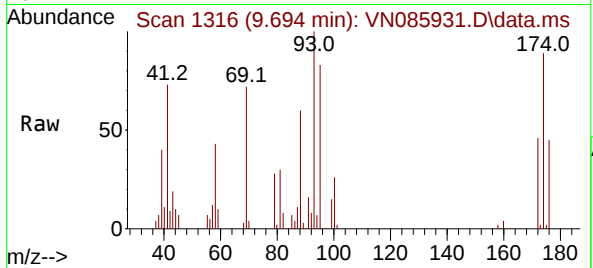
58 75.7 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#50

Toluene-d8

Concen: 46.315 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085931.D

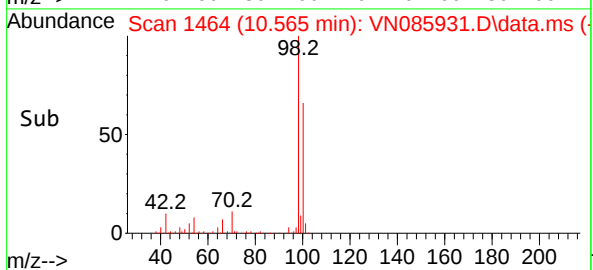
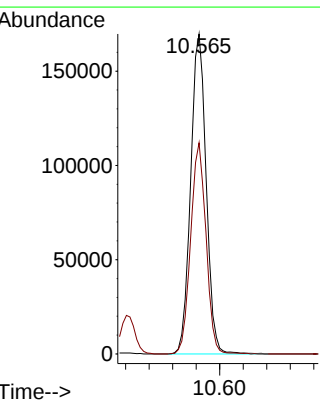
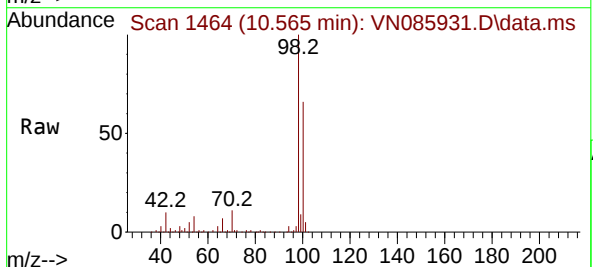
Acq: 11 Mar 2025 14:54

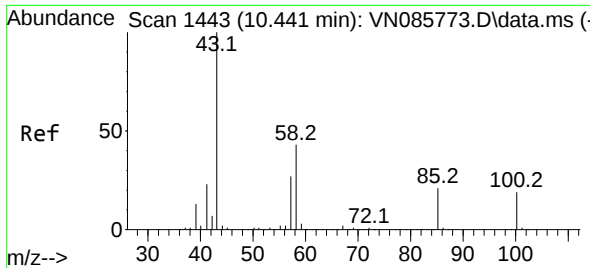
Tgt Ion: 98 Resp: 311283

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1





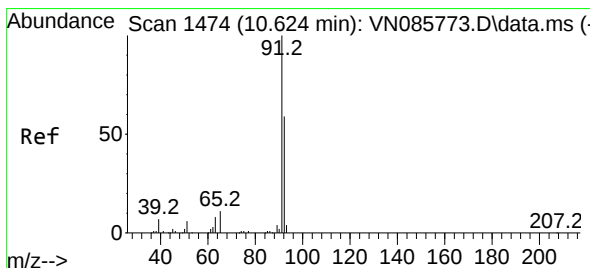
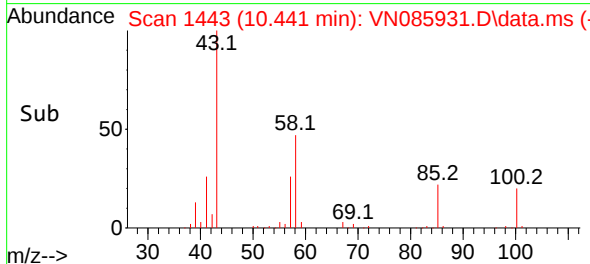
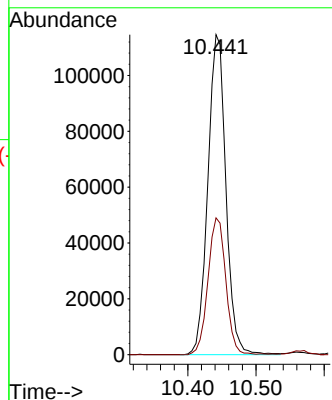
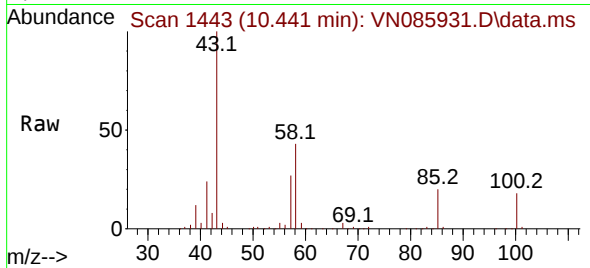
#51
4-Methyl-2-Pentanone
Concen: 101.867 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 43 Resp: 211308
Ion Ratio Lower Upper
43 100
58 42.2 34.6 52.0

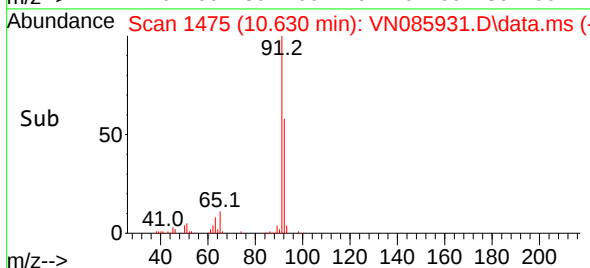
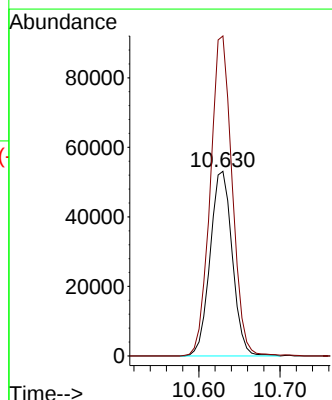
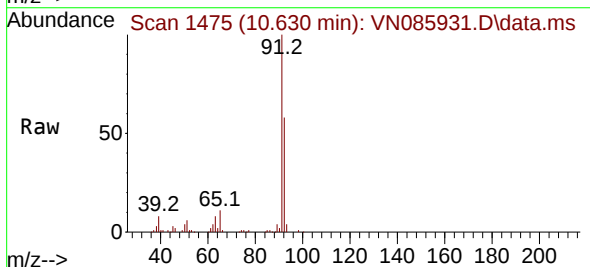
Manual Integrations
APPROVED

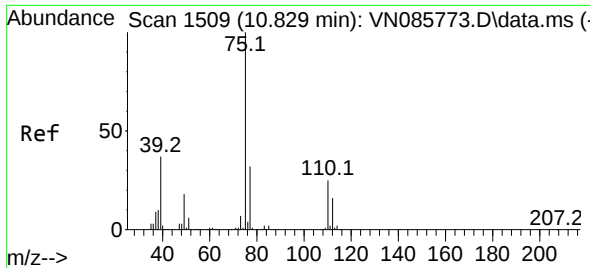
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 20.483 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion: 92 Resp: 100609
Ion Ratio Lower Upper
92 100
91 171.2 136.9 205.3





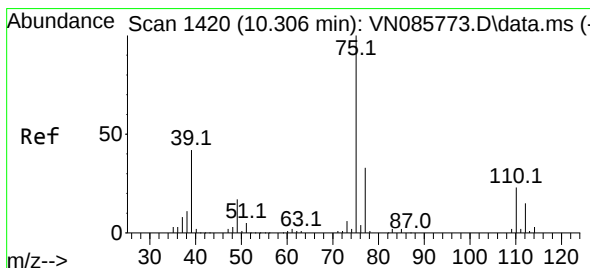
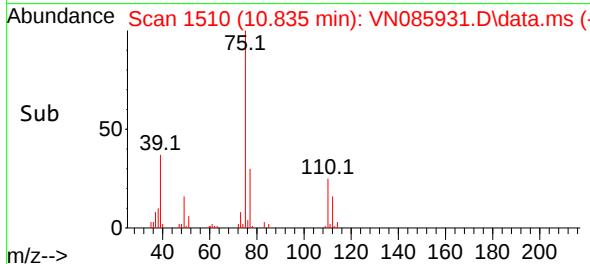
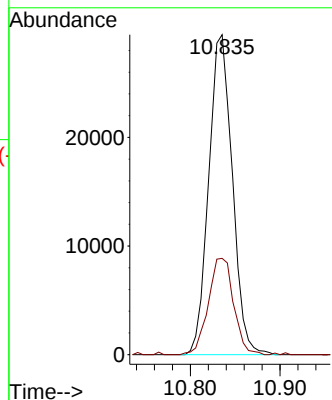
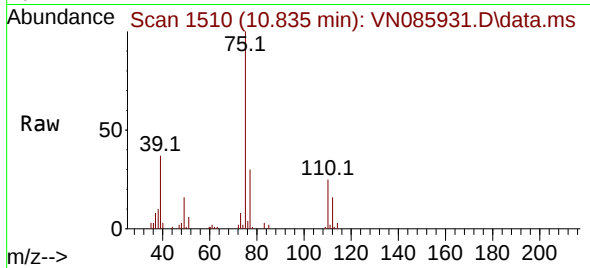
#53
t-1,3-Dichloropropene
Concen: 19.065 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 75 Resp: 5381
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

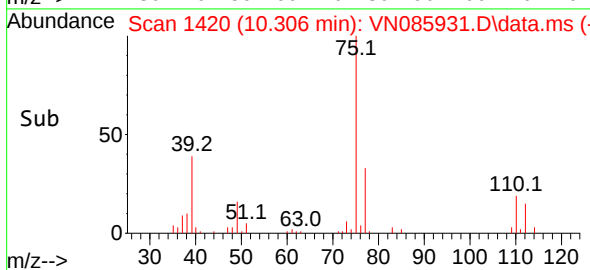
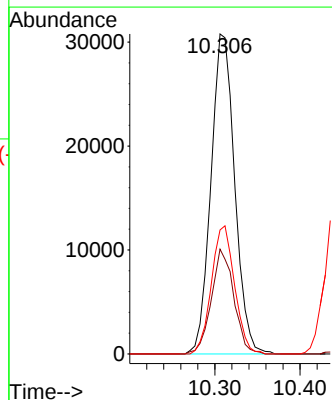
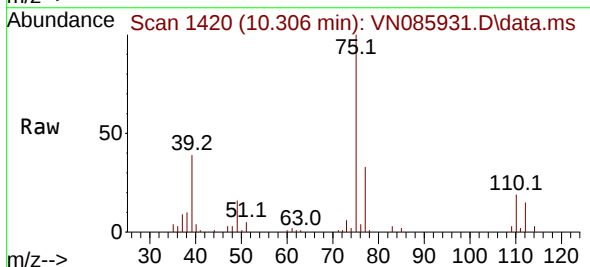
Manual Integrations
APPROVED

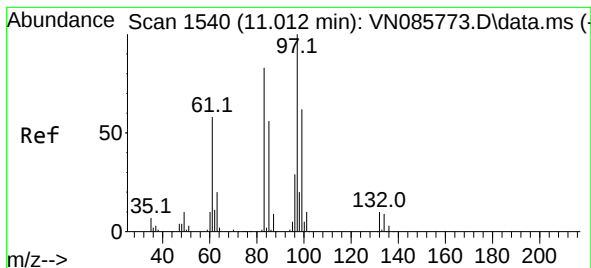
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#54
cis-1,3-Dichloropropene
Concen: 19.264 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

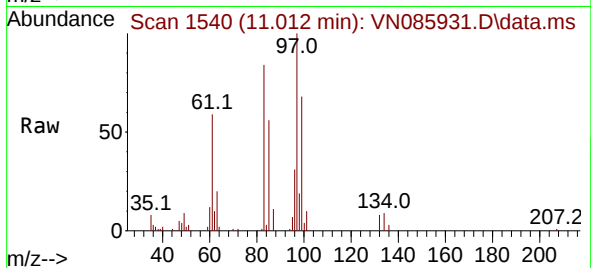
Tgt Ion: 75 Resp: 59621
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 38.8 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 19.705 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

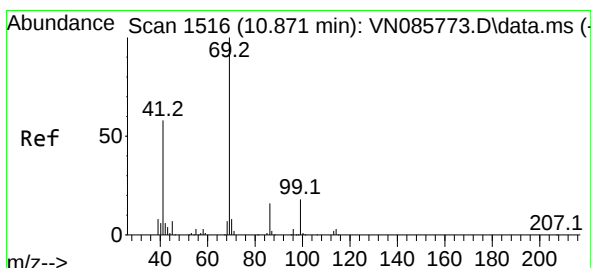
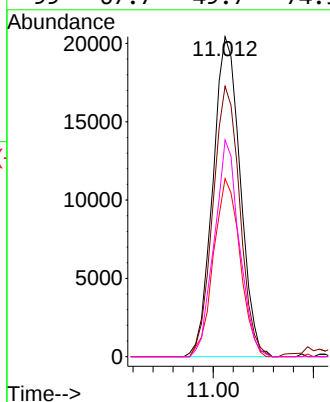
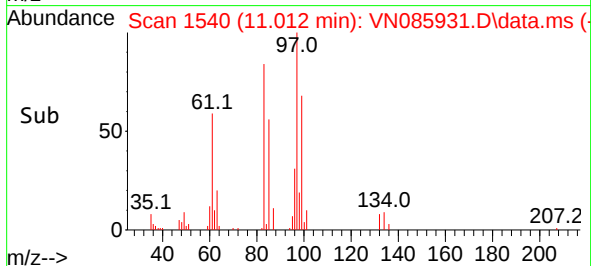
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



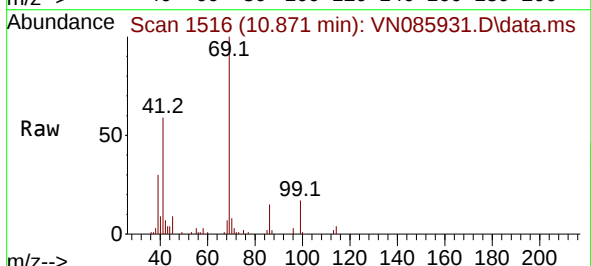
Tgt Ion:	97	Resp:	3848
Ion Ratio	100	Lower	Upper
97	100		
83	84.5	66.1	99.1
85	55.6	44.7	67.1
99	67.7	49.7	74.5

Manual Integrations
APPROVED

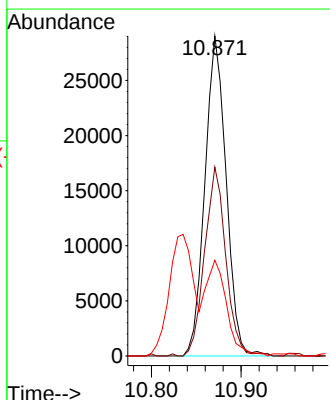
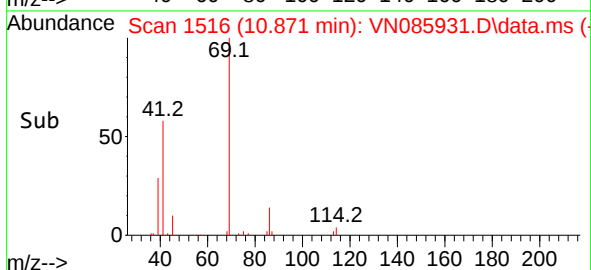
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

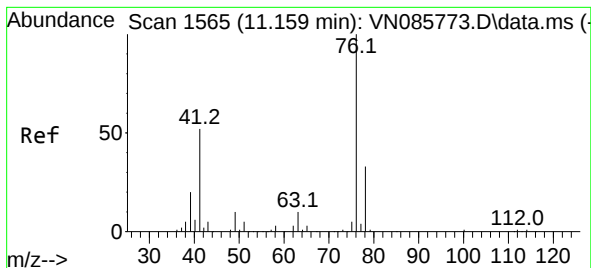


#56
Ethyl methacrylate
Concen: 18.623 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion:	69	Resp:	47794
Ion Ratio	100	Lower	Upper
69	100		
41	58.9	46.0	69.0
39	29.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 19.352 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085931.D

Acq: 11 Mar 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 76 Resp: 6309

Ion Ratio Lower Upper

76 100

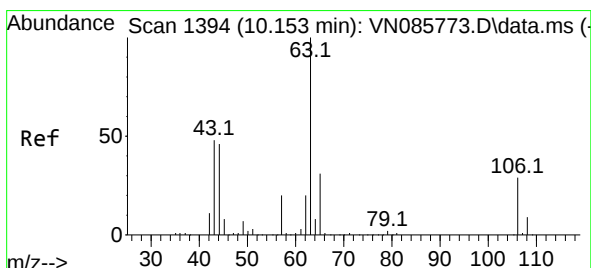
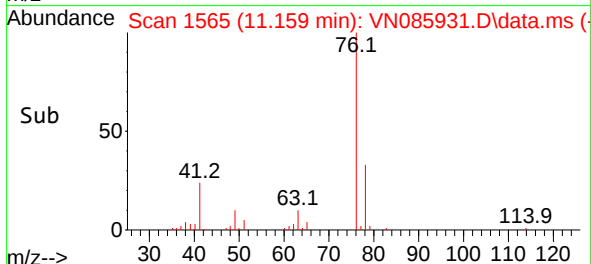
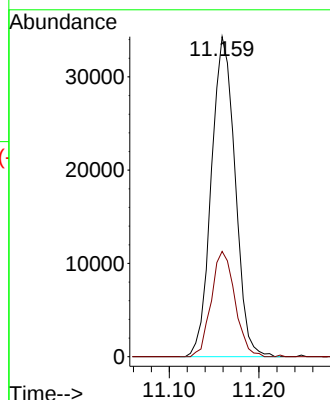
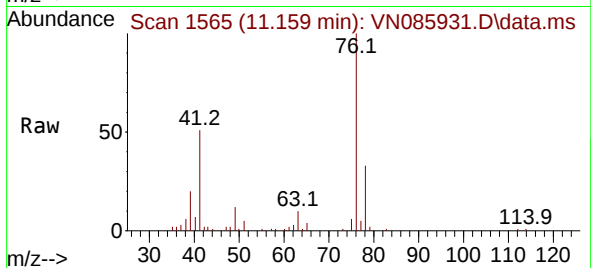
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.936 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085931.D

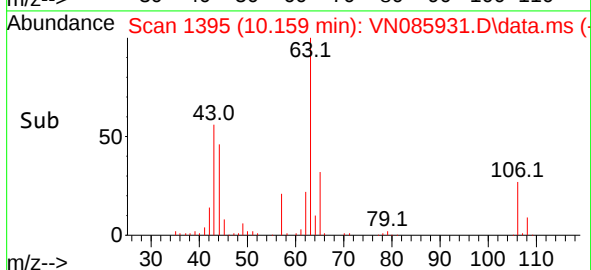
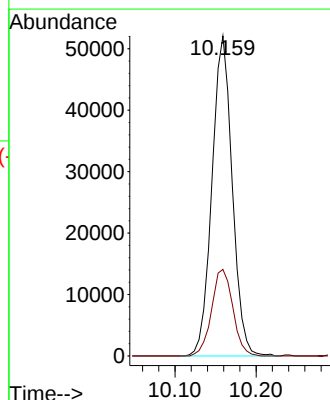
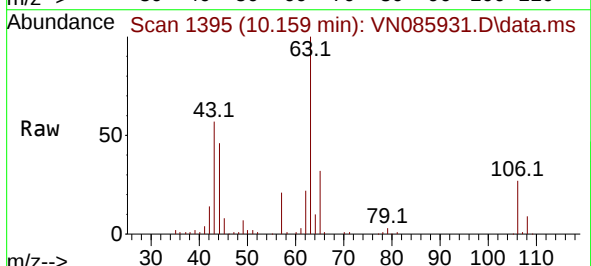
Acq: 11 Mar 2025 14:54

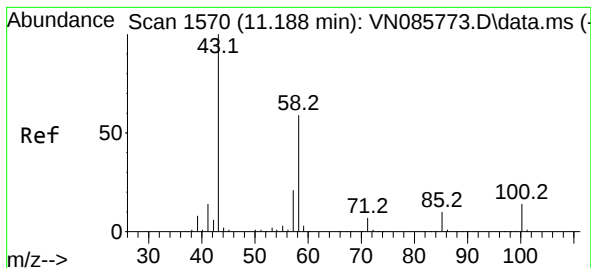
Tgt Ion: 63 Resp: 90341

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





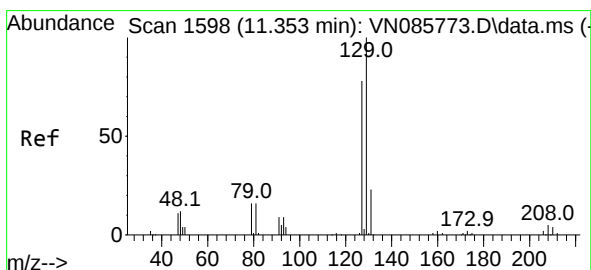
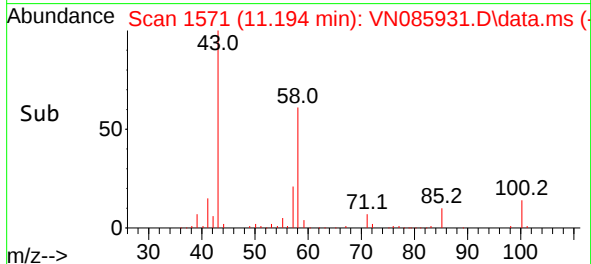
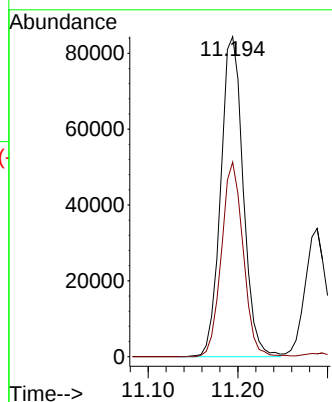
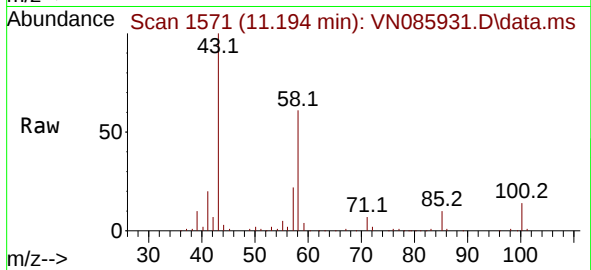
#59
2-Hexanone
Concen: 102.707 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 43 Resp: 14656
Ion Ratio Lower Upper
43 100
58 58.8 29.8 89.5

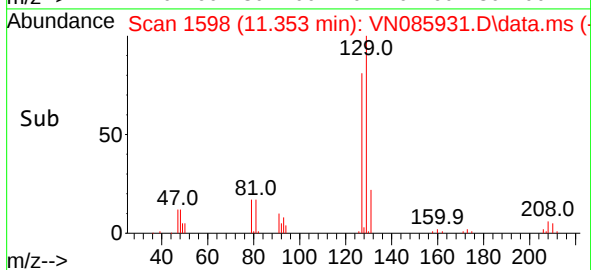
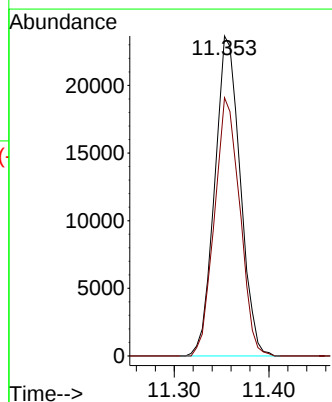
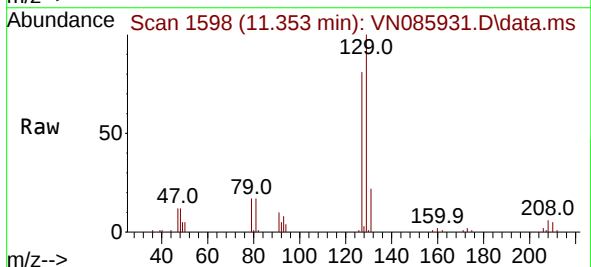
Manual Integrations
APPROVED

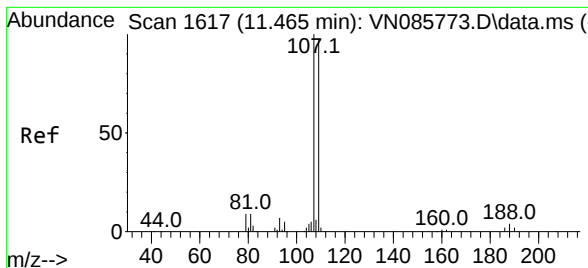
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#60
Dibromochloromethane
Concen: 19.471 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion:129 Resp: 44279
Ion Ratio Lower Upper
129 100
127 80.3 39.1 117.5





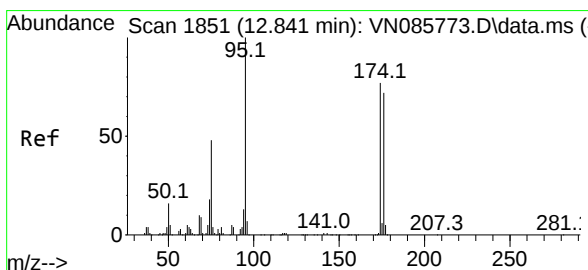
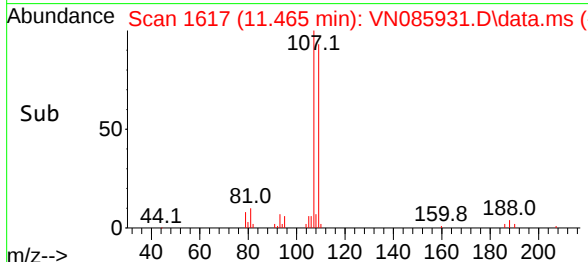
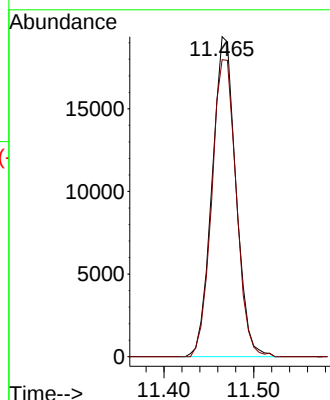
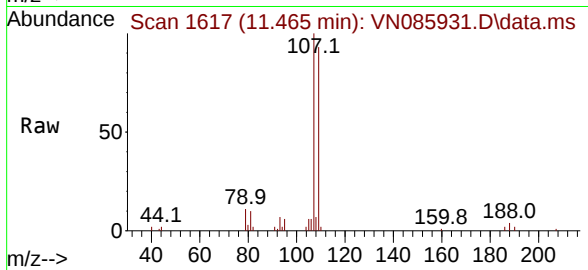
#61
1,2-Dibromoethane
Concen: 19.371 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:107 Resp: 3574
Ion Ratio Lower Upper
107 100
109 95.1 76.0 114.0

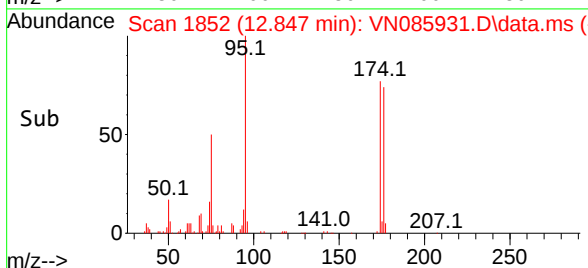
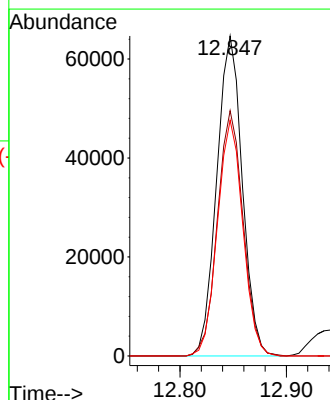
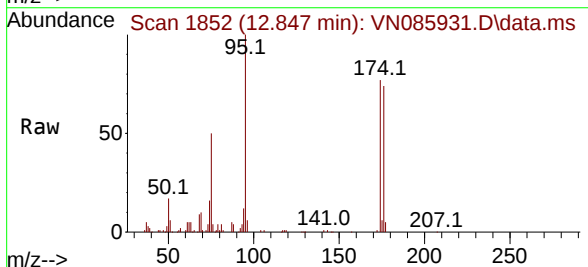
Manual Integrations
APPROVED

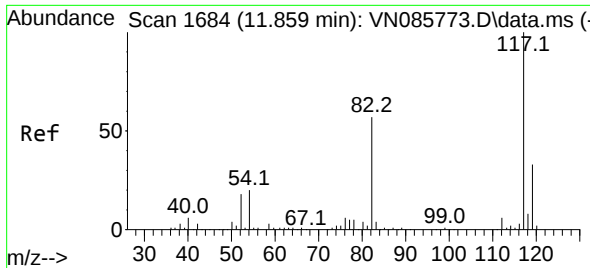
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 48.665 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

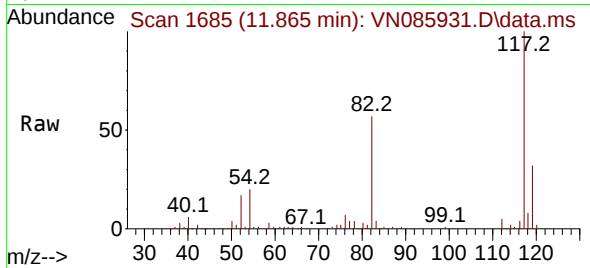
Tgt Ion: 95 Resp: 107765
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.4
176 73.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

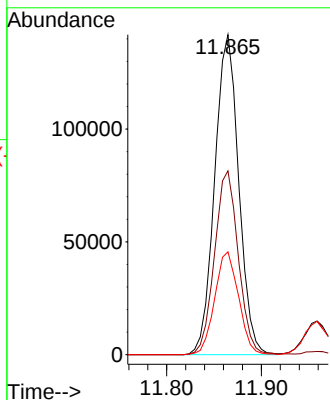
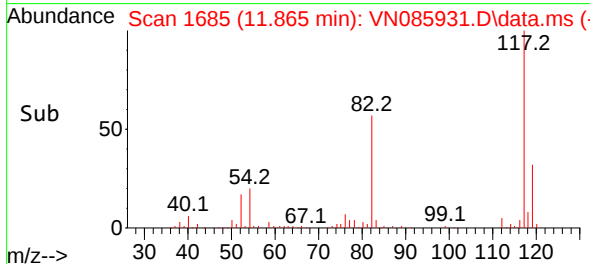
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion:117 Resp: 25024
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 32.2 26.2 39.2

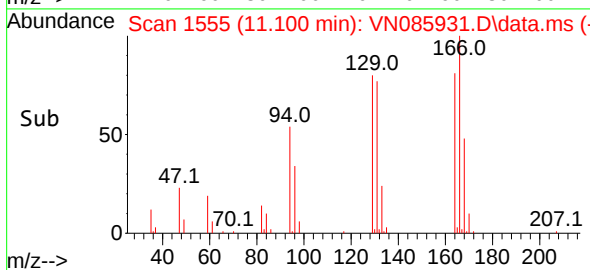
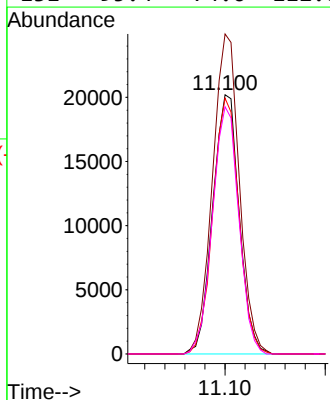
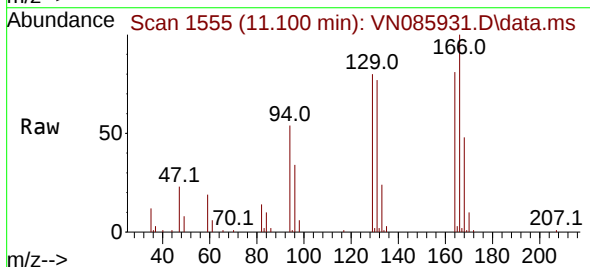
Manual Integrations
APPROVED

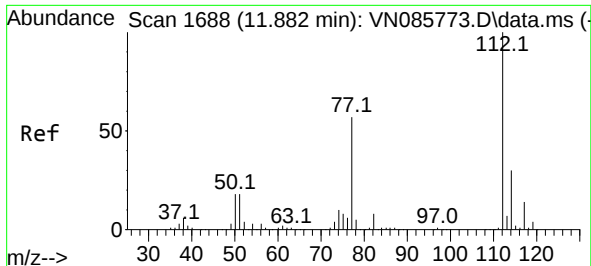
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 19.074 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

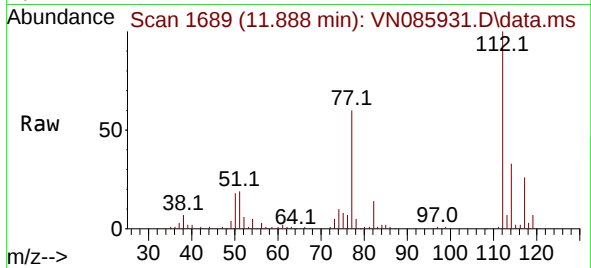
Tgt Ion:164 Resp: 36978
Ion Ratio Lower Upper
164 100
166 123.5 107.2 160.8
129 98.7 80.7 121.1
131 95.4 74.6 112.0





#65
Chlorobenzene
Concen: 18.513 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

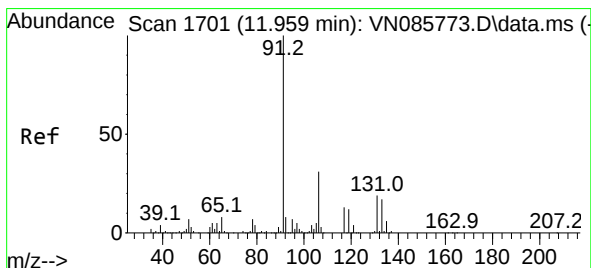
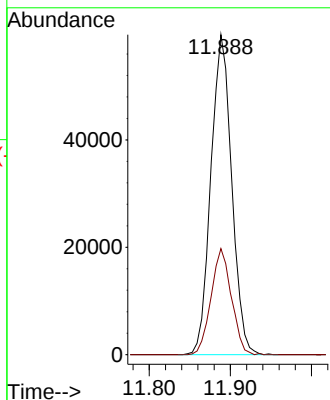
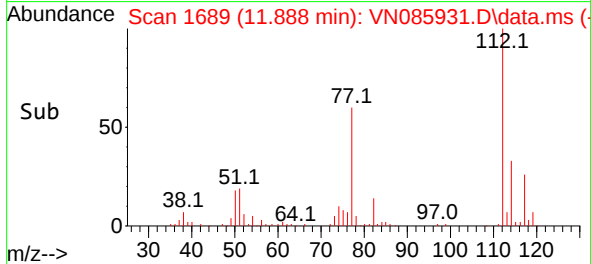
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



Tgt Ion:112 Resp: 106130
Ion Ratio Lower Upper
112 100
114 33.2 24.3 36.5

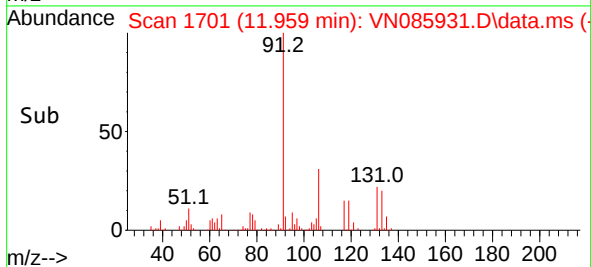
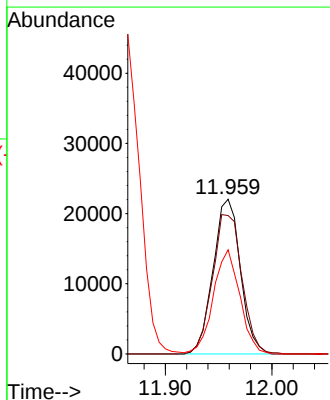
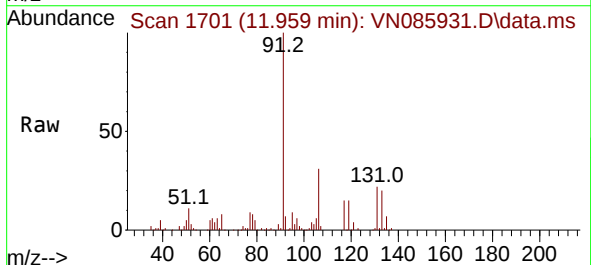
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.022 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

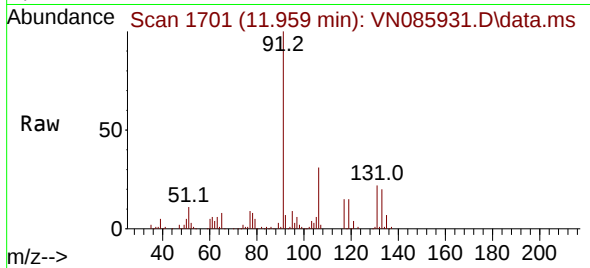
Tgt Ion:131 Resp: 39196
Ion Ratio Lower Upper
131 100
133 97.4 47.7 143.1
119 65.6 33.3 99.8





#67
Ethyl Benzene
Concen: 18.771 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

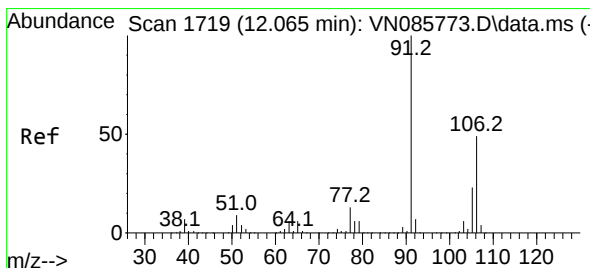
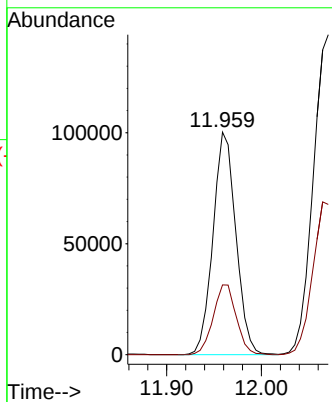
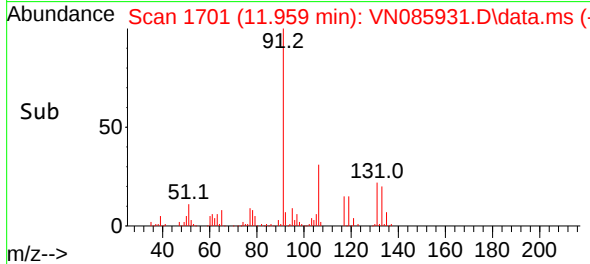
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



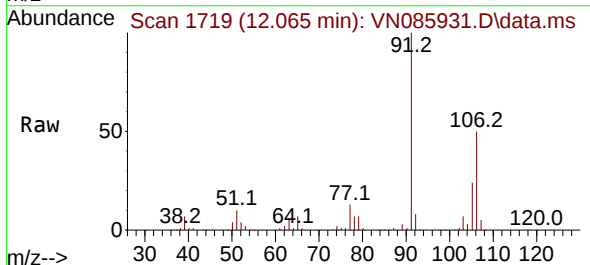
Tgt Ion: 91 Resp: 16856
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

Manual Integrations
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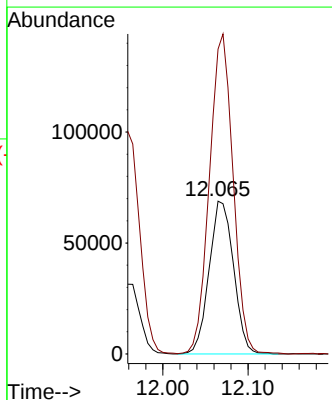
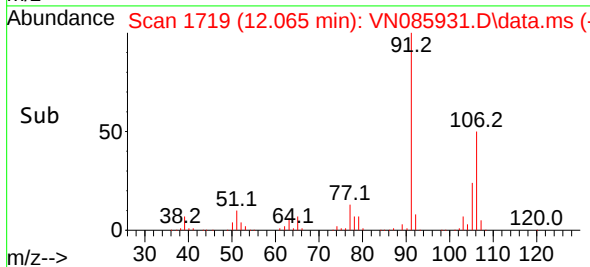
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 40.303 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion:106 Resp: 137476
Ion Ratio Lower Upper
106 100
91 202.7 163.3 244.9





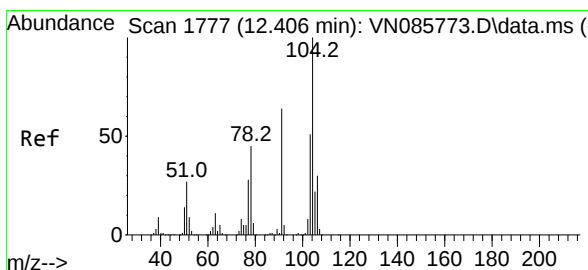
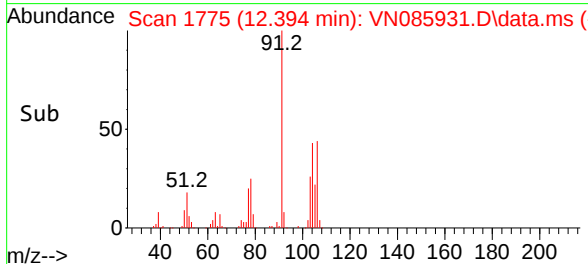
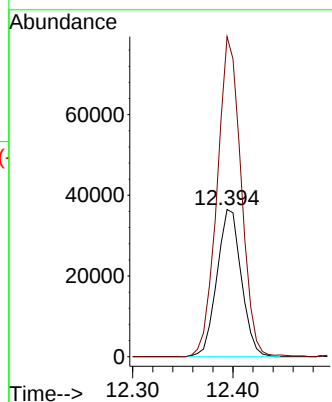
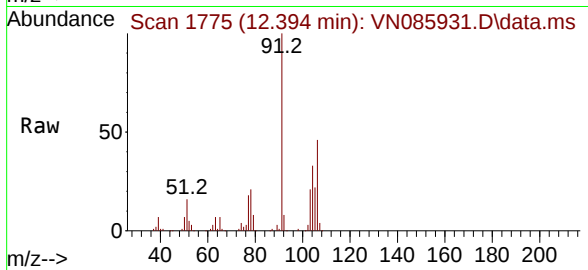
#69
o-Xylene
Concen: 18.978 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:106 Resp: 6151
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.4

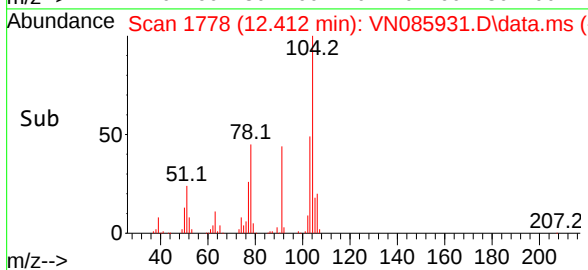
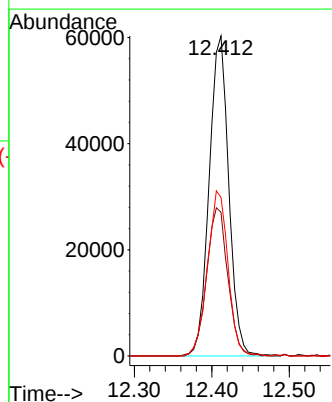
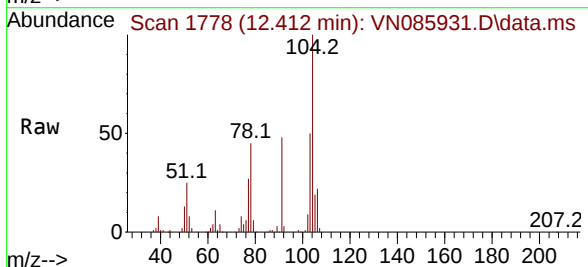
Manual Integrations
APPROVED

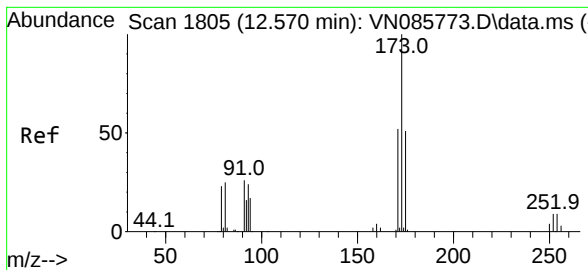
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 19.044 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

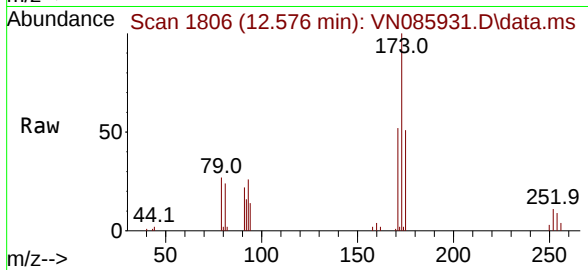
Tgt Ion:104 Resp: 106050
Ion Ratio Lower Upper
104 100
78 50.2 39.0 58.6
103 54.0 43.3 64.9





#71
Bromoform
Concen: 19.493 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

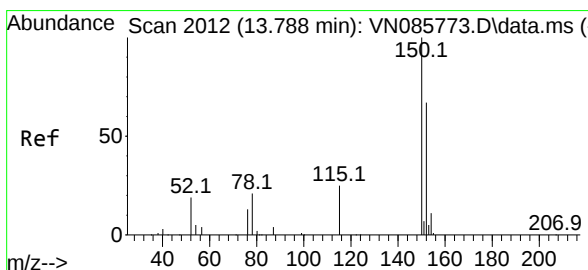
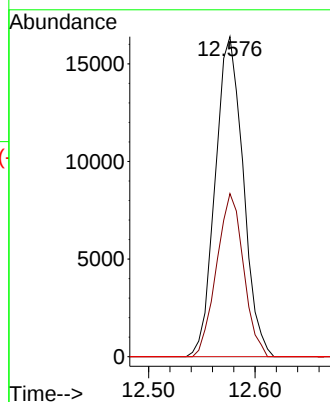
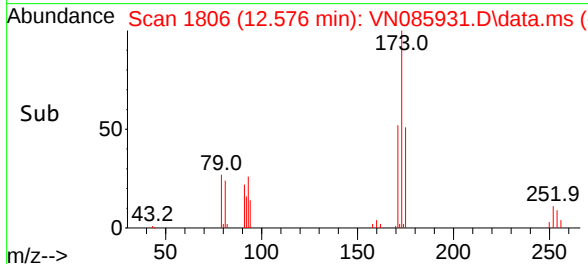
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



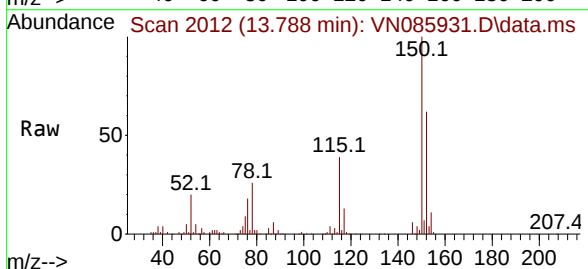
Tgt Ion:173 Resp: 2984
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
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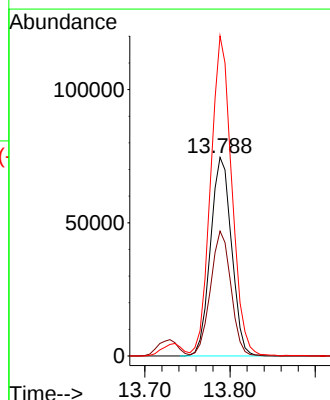
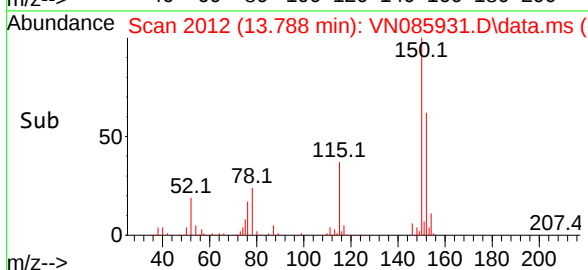
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

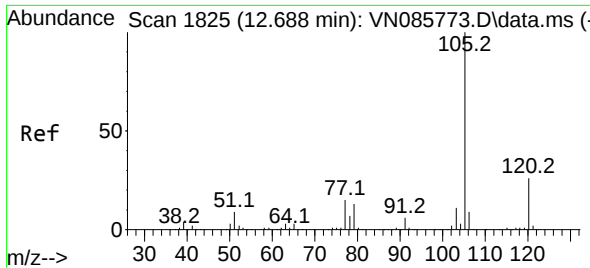


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion:152 Resp: 128349
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 161.5 0.0 345.4





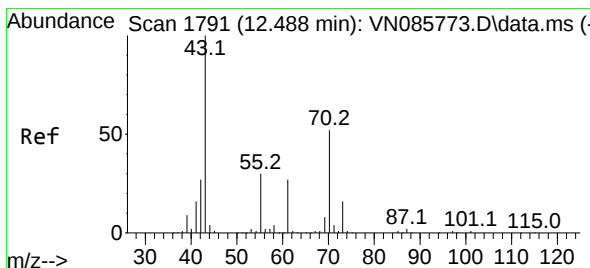
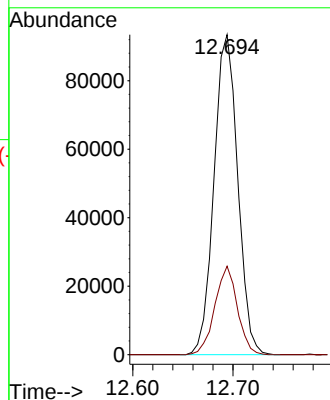
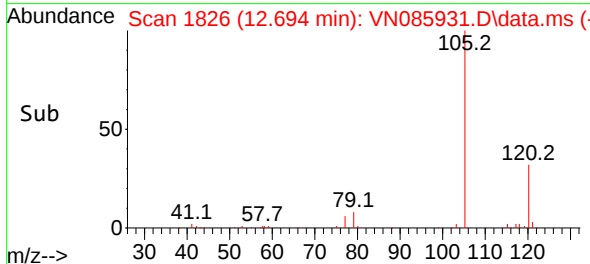
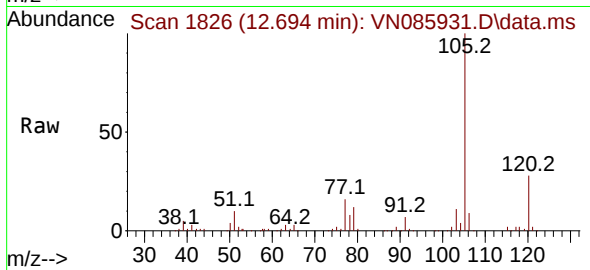
#73
Isopropylbenzene
Concen: 17.442 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:105 Resp: 15337
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

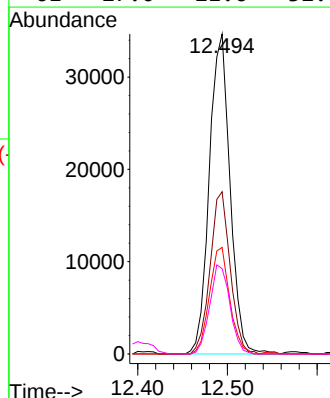
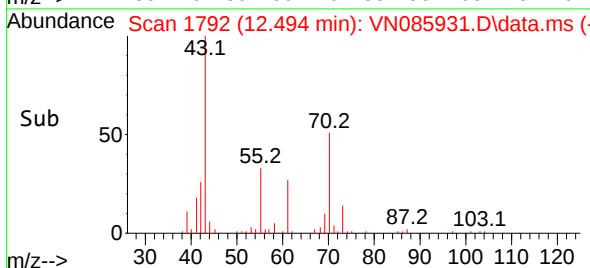
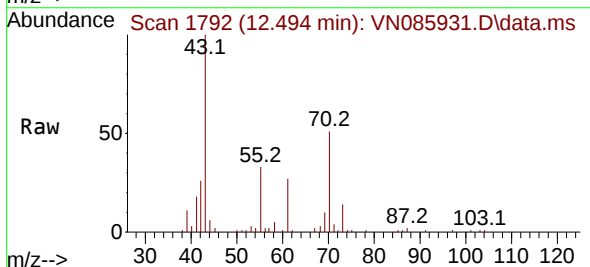
Manual Integrations
APPROVED

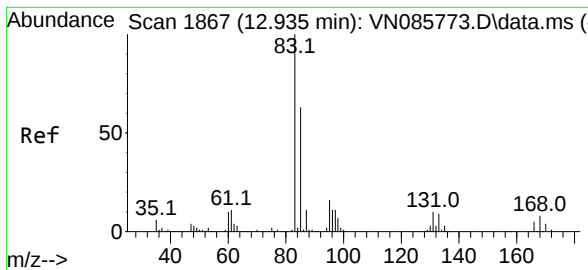
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 17.953 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

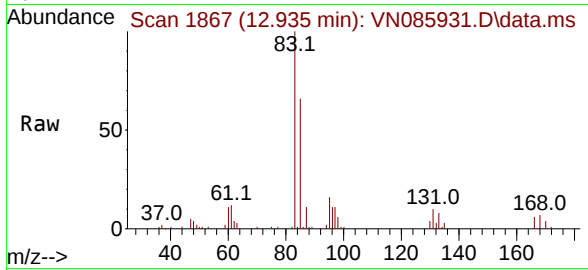
Tgt Ion: 43 Resp: 55670
Ion Ratio Lower Upper
43 100
70 49.1 41.0 61.4
55 32.5 24.6 36.8
61 27.0 21.6 32.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.721 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

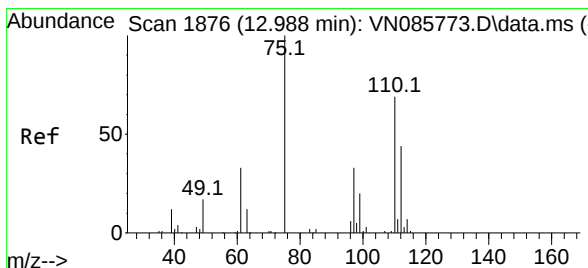
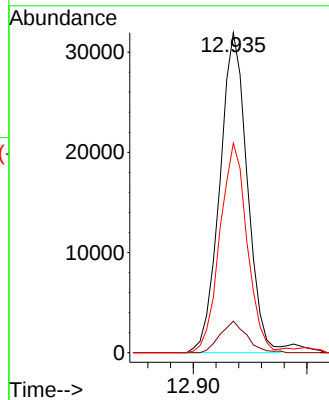
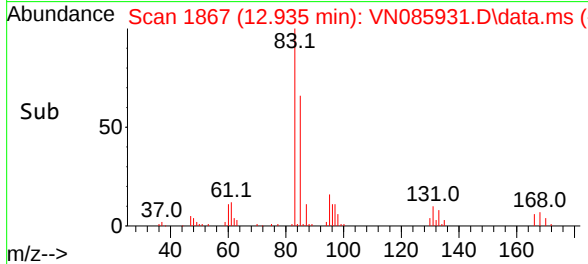
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



Tgt Ion: 83 Resp: 5362
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 15.0
 85 65.2 32.2 96.6

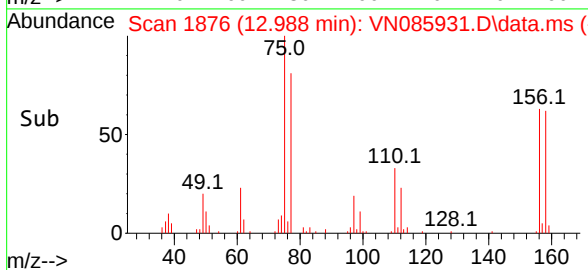
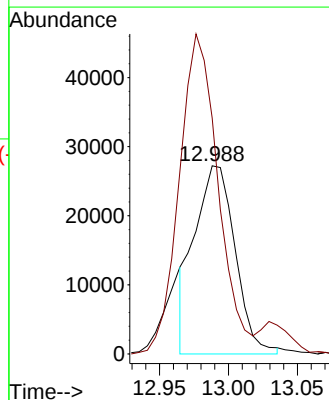
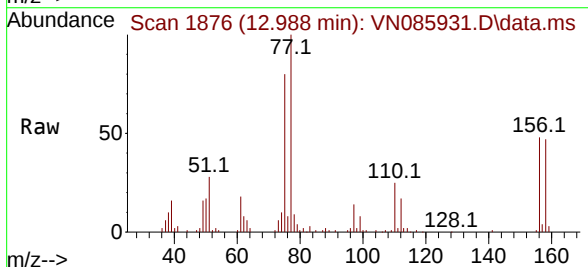
Manual Integrations
 APPROVED

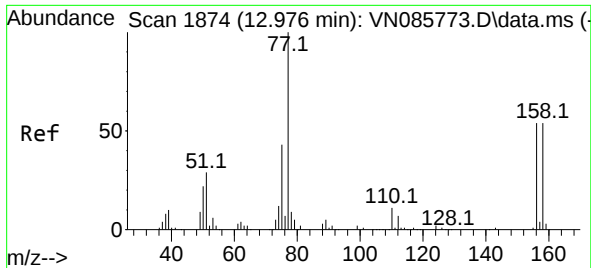
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.483 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

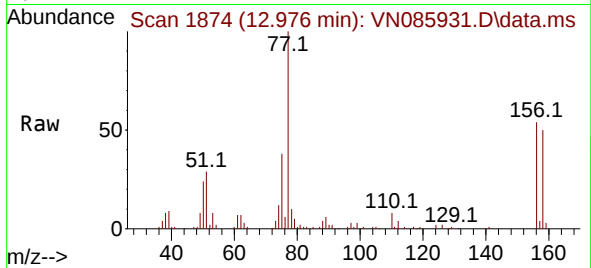
Tgt Ion: 75 Resp: 55548
 Ion Ratio Lower Upper
 75 100
 77 163.1 100.0 300.0





#77
Bromobenzene
Concen: 17.661 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

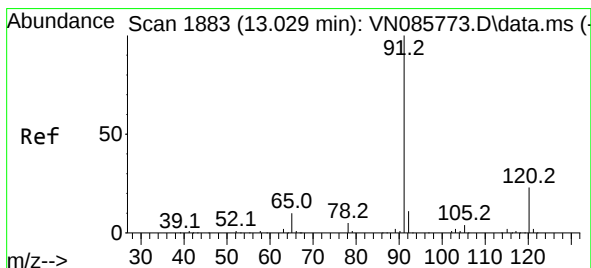
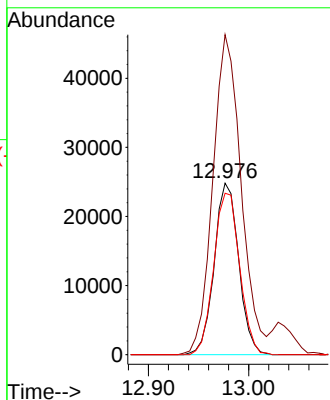
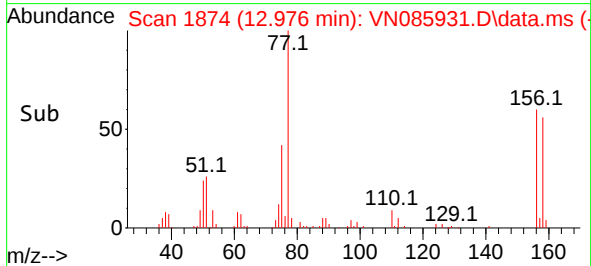
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



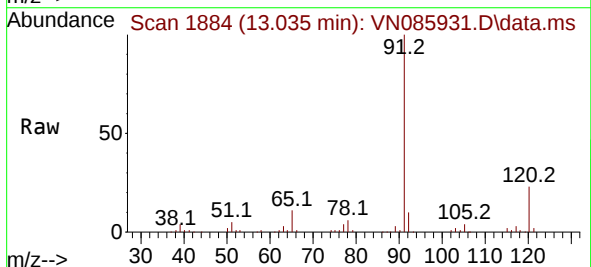
Tgt Ion:156 Resp: 4195
Ion Ratio Lower Upper
156 100
77 215.9 104.1 312.3
158 99.7 48.1 144.4

Manual Integrations
APPROVED

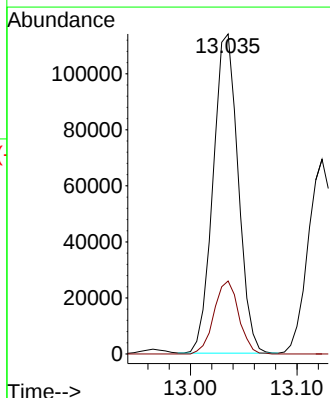
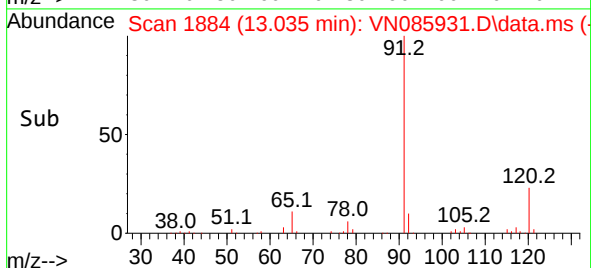
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

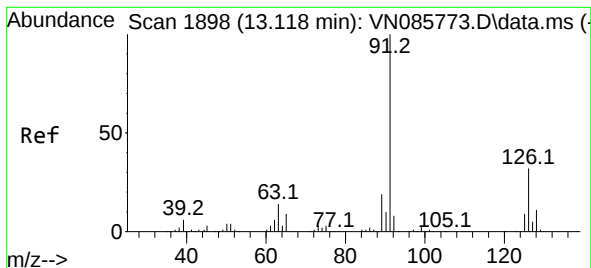


#78
n-propylbenzene
Concen: 18.455 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion: 91 Resp: 185851
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





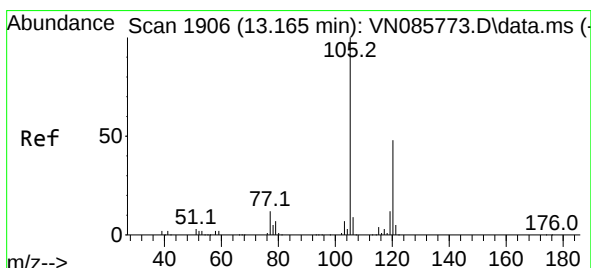
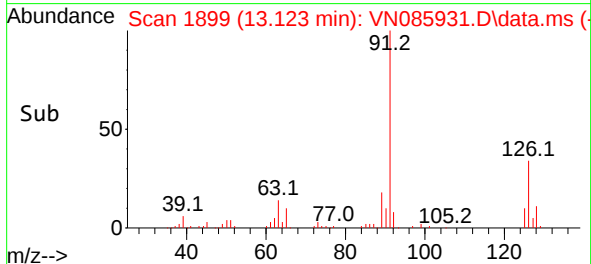
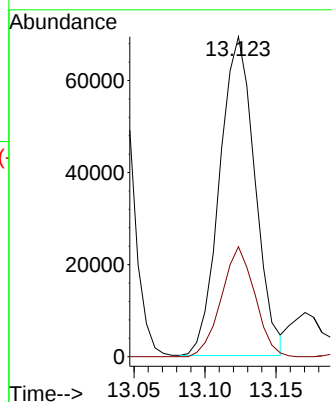
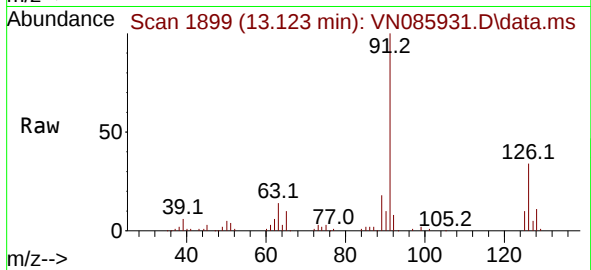
#79
2-Chlorotoluene
Concen: 17.787 ug/l
RT: 13.123 min Scan# 119670
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 91 Resp: 119670
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1

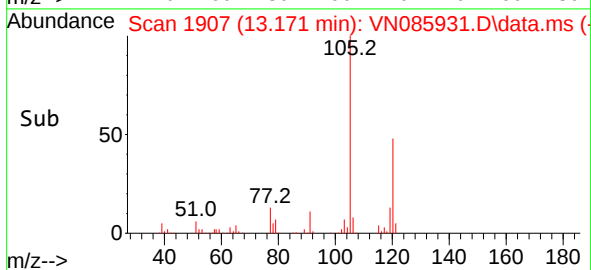
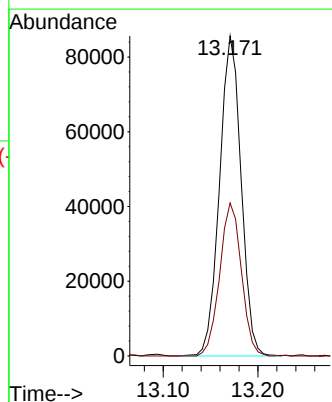
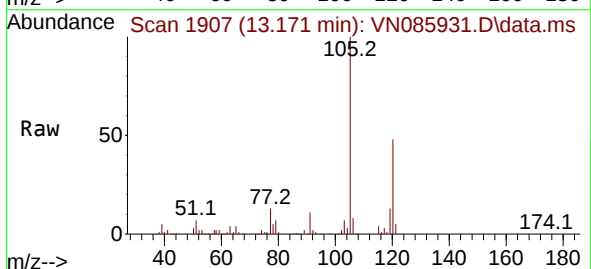
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.915 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

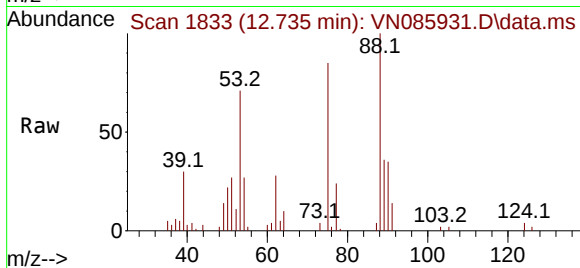
Tgt Ion:105 Resp: 135483
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 17.570 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

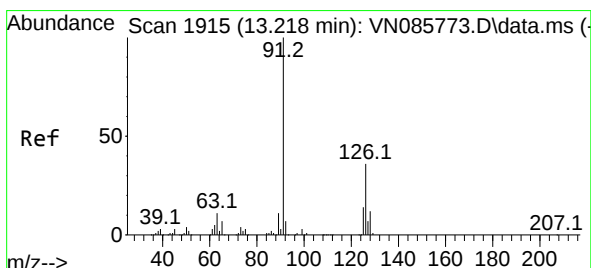
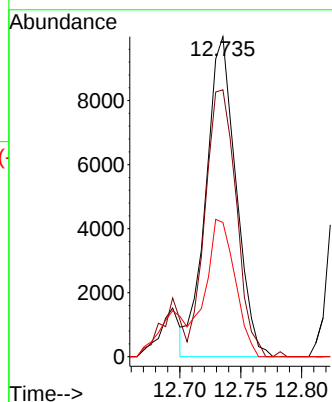
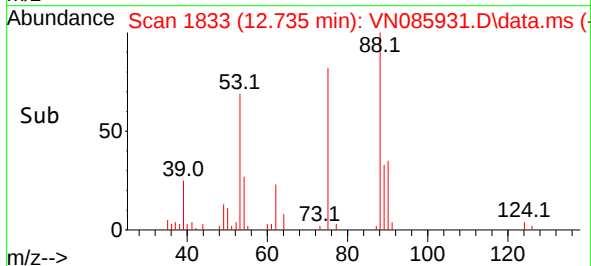
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



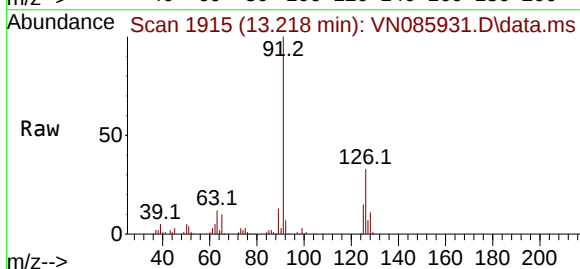
Tgt Ion: 75 Resp: 1716
Ion Ratio Lower Upper
75 100
53 85.7 74.2 111.4
89 42.1 34.9 52.3

Manual Integrations
APPROVED

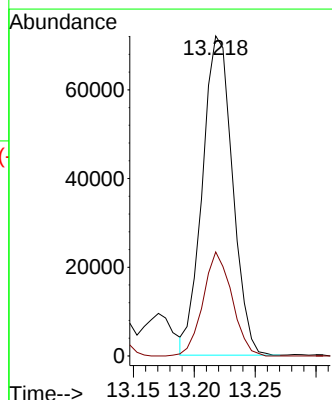
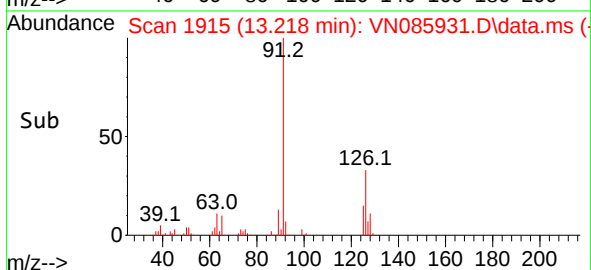
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

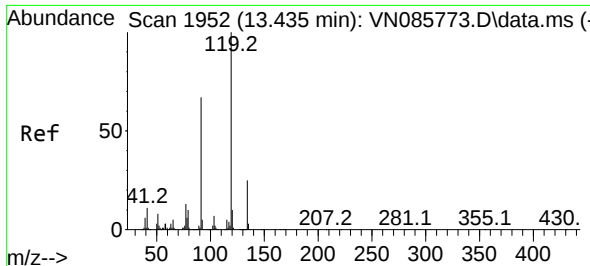


#82
4-Chlorotoluene
Concen: 18.596 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



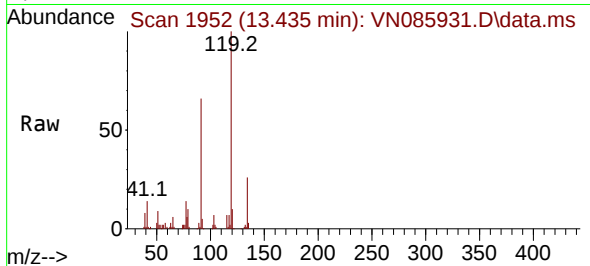
Tgt Ion: 91 Resp: 124042
Ion Ratio Lower Upper
91 100
126 31.2 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 16.796 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

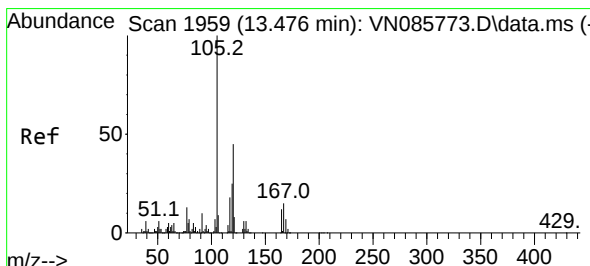
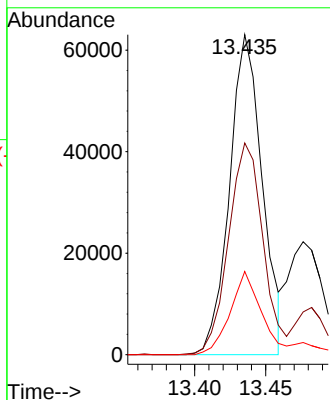
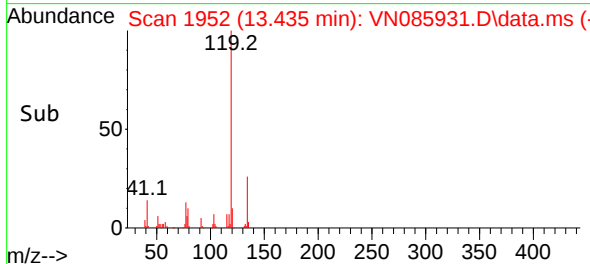
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



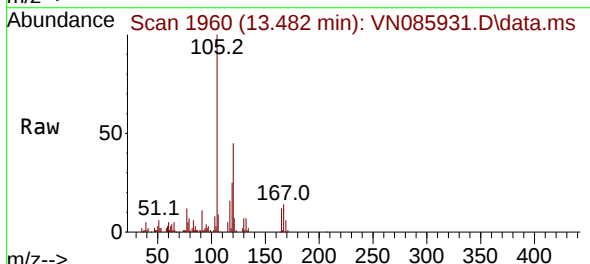
Tgt Ion:119 Resp: 101170
 Ion Ratio Lower Upper
 119 100
 91 69.8 32.5 97.5
 134 24.6 13.3 39.9

Manual Integrations
 APPROVED

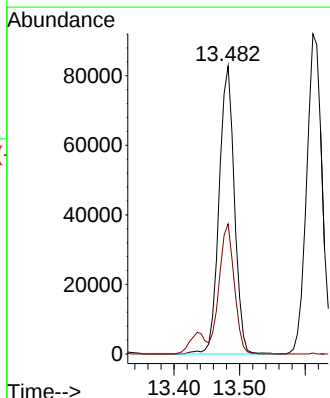
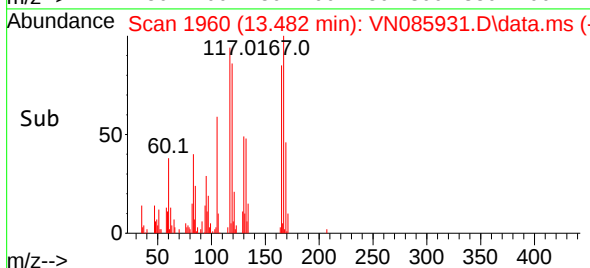
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

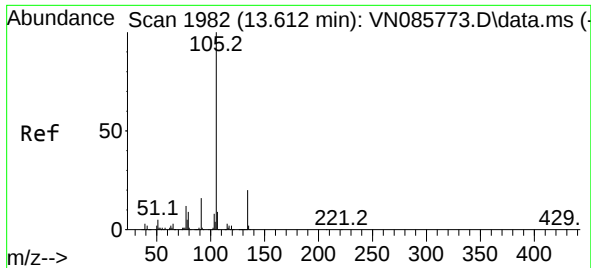


#84
 1,2,4-Trimethylbenzene
 Concen: 18.877 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54



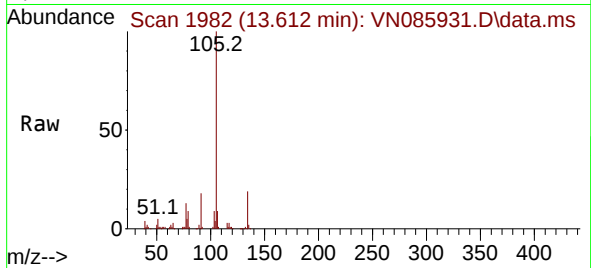
Tgt Ion:105 Resp: 133778
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.664 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54

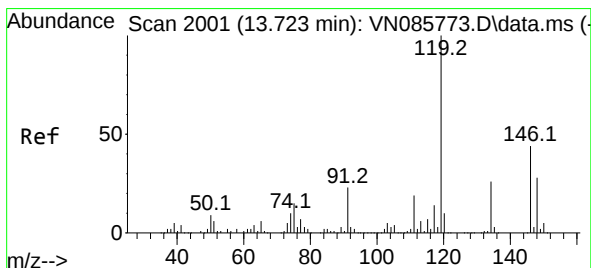
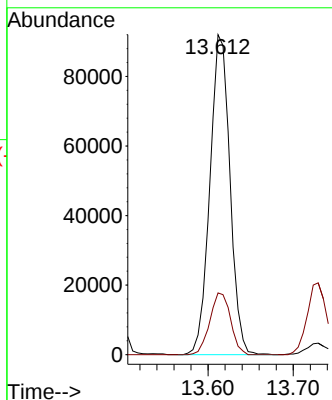
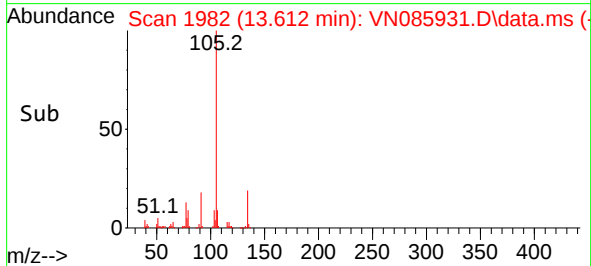
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01



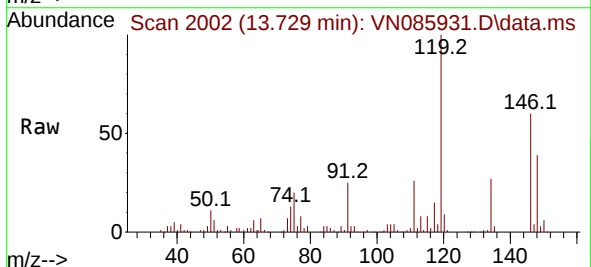
Tgt Ion:105 Resp: 150320
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

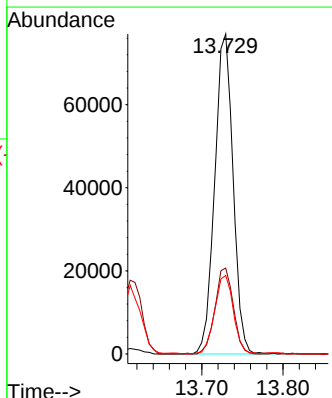
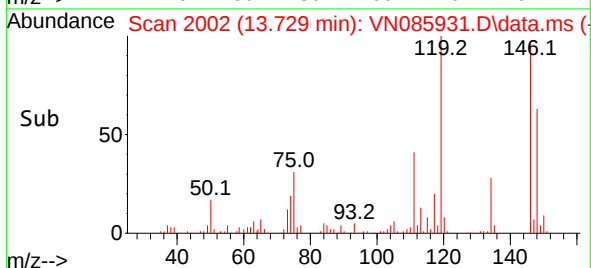
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 16.805 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085931.D
 Acq: 11 Mar 2025 14:54



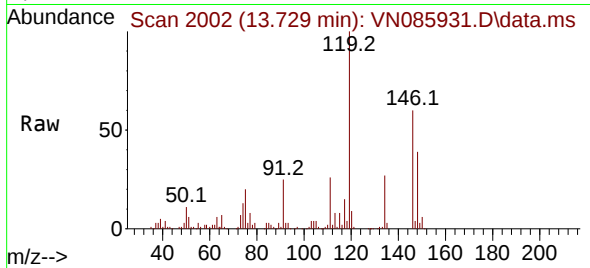
Tgt Ion:119 Resp: 121044
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 25.1 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 17.350 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

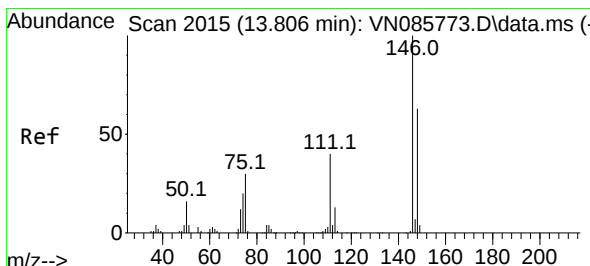
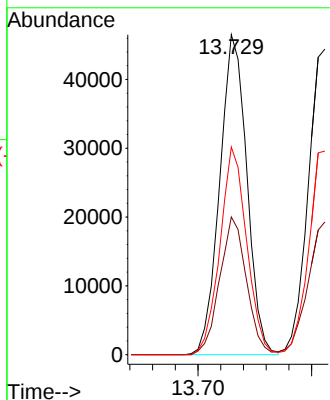
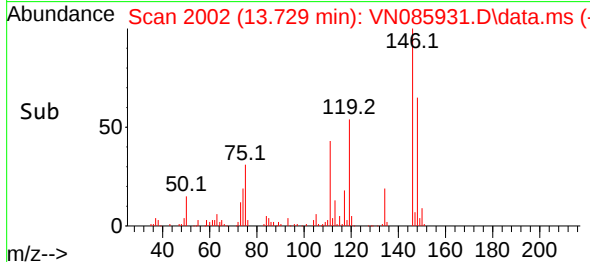
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



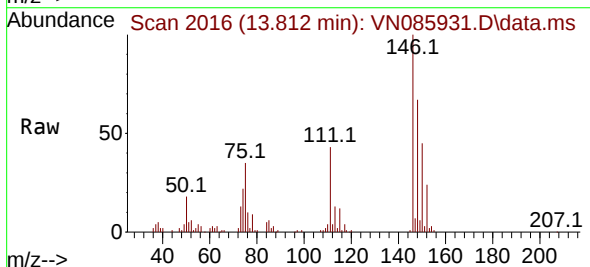
Tgt Ion:146 Resp: 7722
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.9 32.1 96.5

Manual Integrations
APPROVED

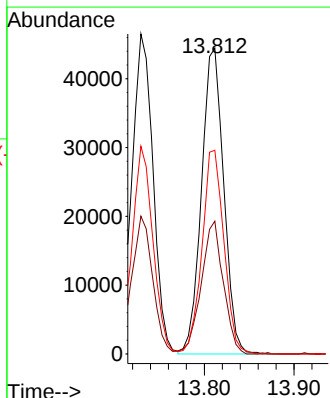
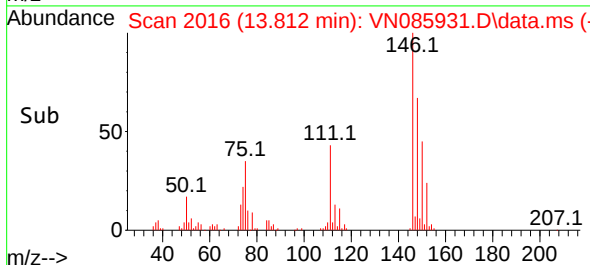
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

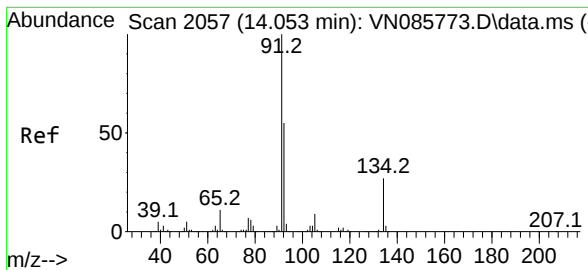


#88
1,4-Dichlorobenzene
Concen: 16.773 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion:146 Resp: 76516
Ion Ratio Lower Upper
146 100
111 43.3 20.4 61.3
148 65.8 31.8 95.4





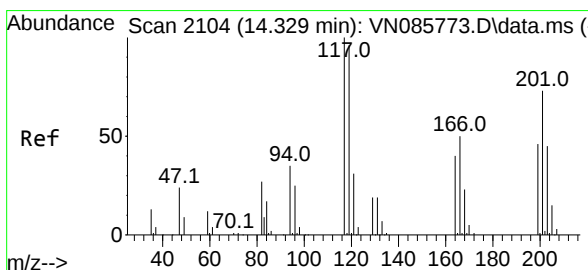
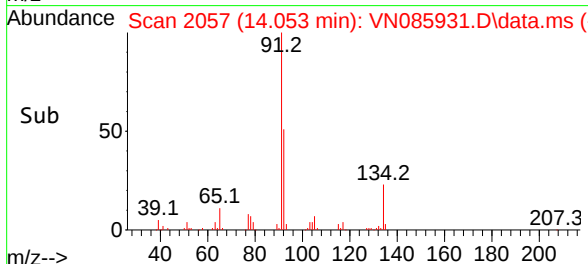
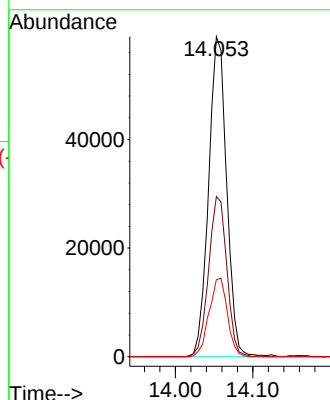
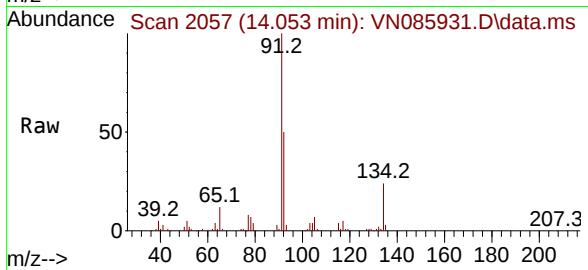
#89
n-Butylbenzene
Concen: 15.797 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion: 91 Resp: 95450
Ion Ratio Lower Upper
91 100
92 50.4 27.1 81.3
134 24.8 12.7 38.1

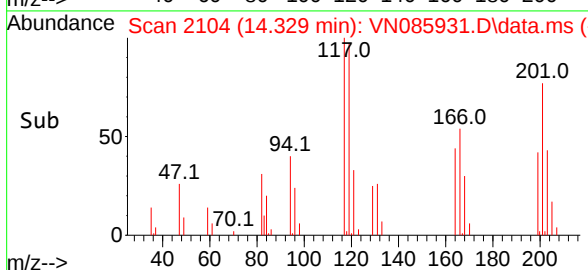
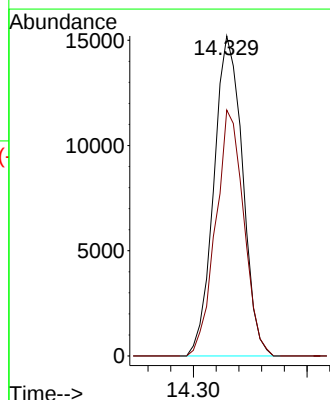
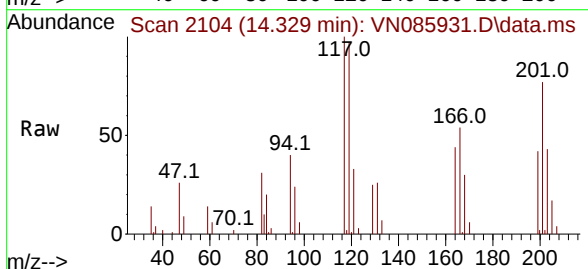
Manual Integrations
APPROVED

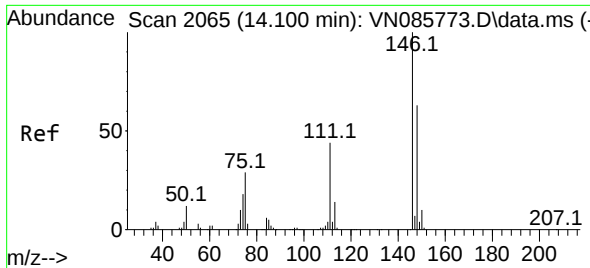
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#90
Hexachloroethane
Concen: 16.540 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Tgt Ion:117 Resp: 26658
Ion Ratio Lower Upper
117 100
201 75.3 35.6 106.9





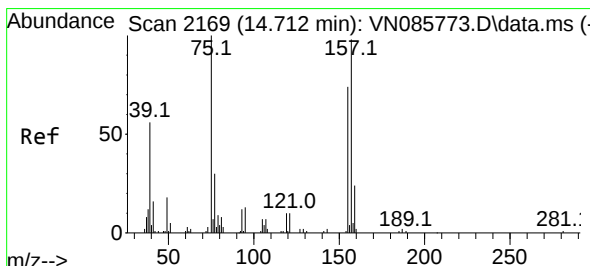
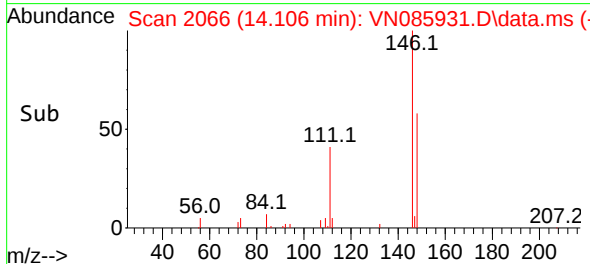
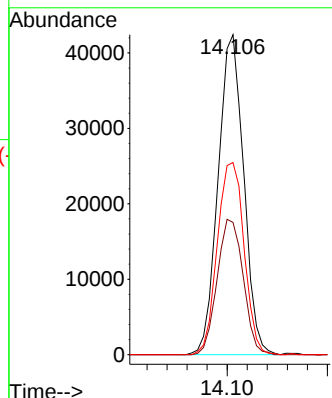
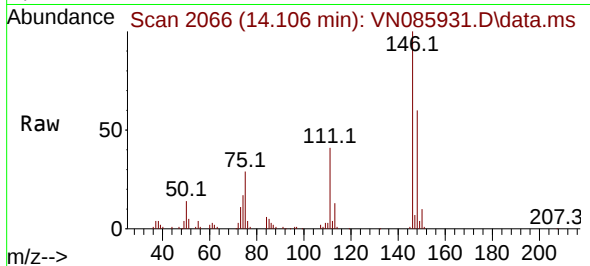
#91
1,2-Dichlorobenzene
Concen: 17.501 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

Tgt Ion:146 Resp: 74904
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 62.8 32.0 96.2

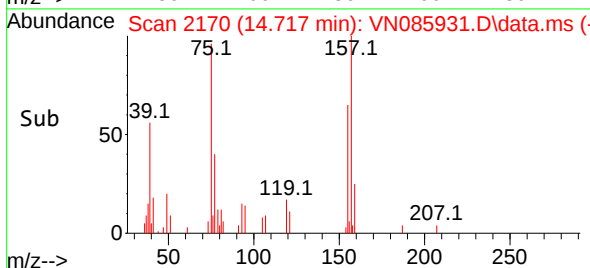
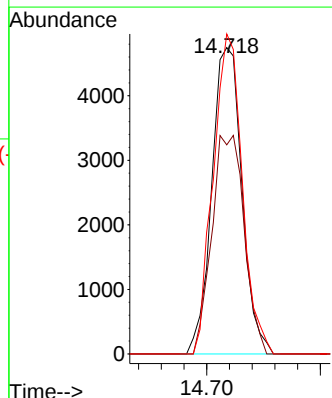
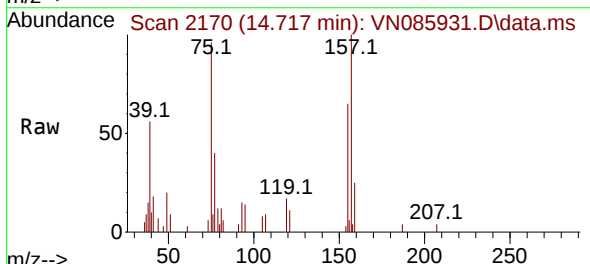
Manual Integrations
APPROVED

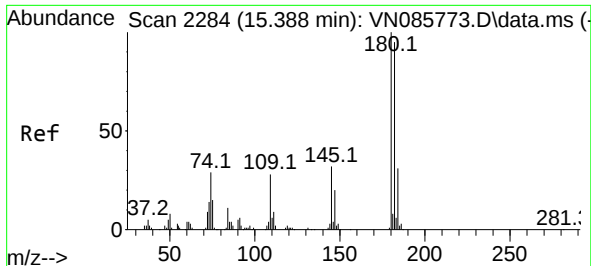
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.752 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

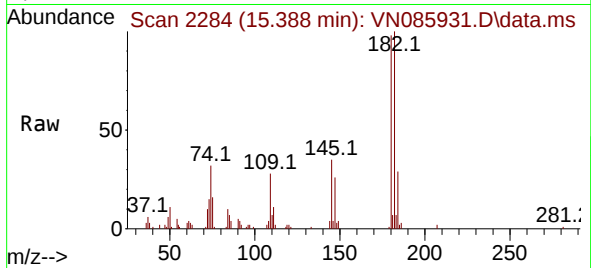
Tgt Ion: 75 Resp: 8752
Ion Ratio Lower Upper
75 100
155 76.3 39.9 119.6
157 100.5 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 15.289 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

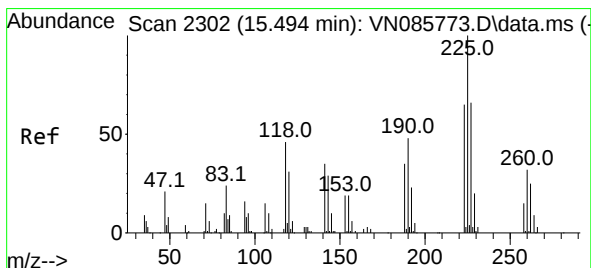
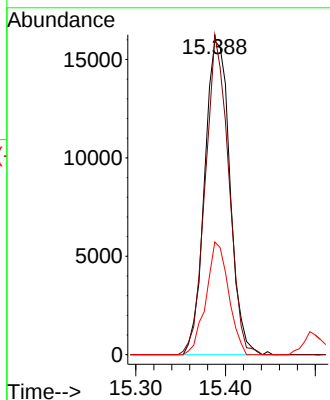
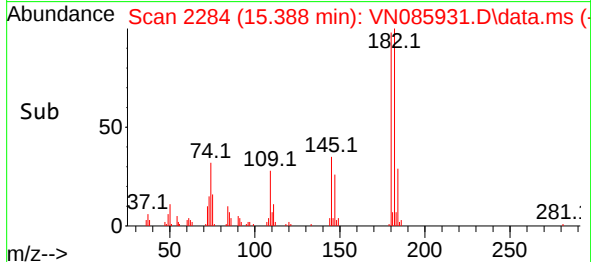
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



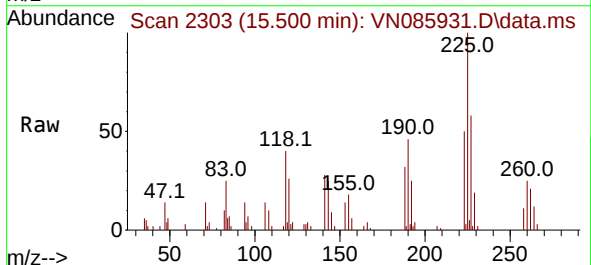
Tgt Ion:180 Resp: 3118
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 32.0 16.2 48.5

Manual Integrations
APPROVED

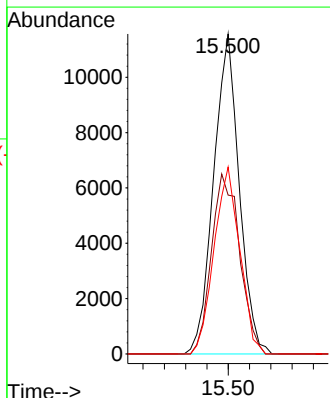
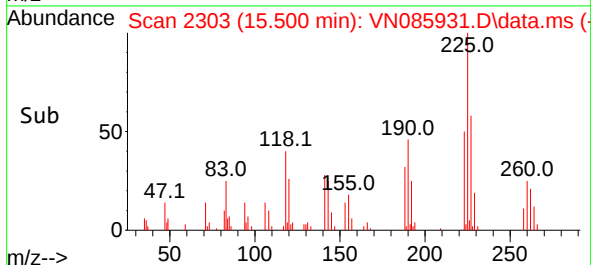
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

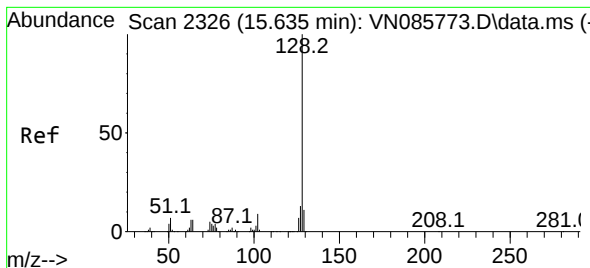


#94
Hexachlorobutadiene
Concen: 15.528 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



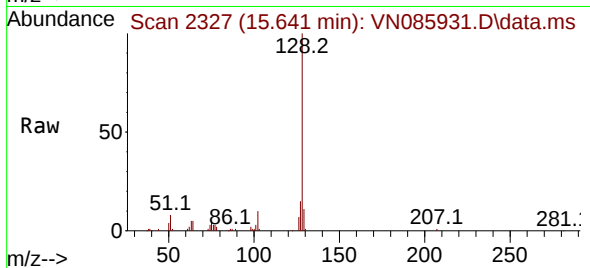
Tgt Ion:225 Resp: 19246
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.5
227 58.9 32.2 96.6





#95
Naphthalene
Concen: 13.998 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54

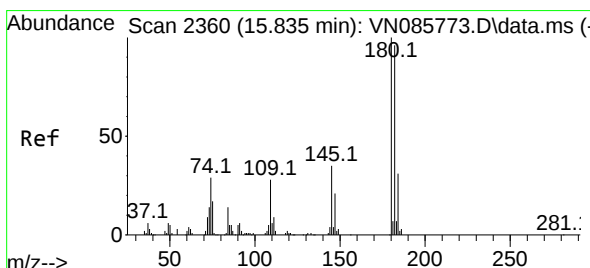
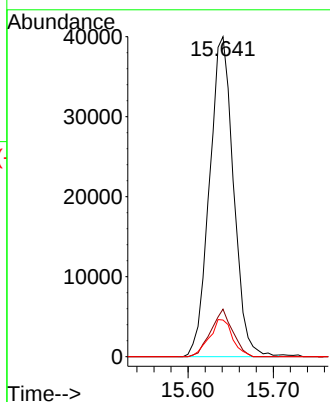
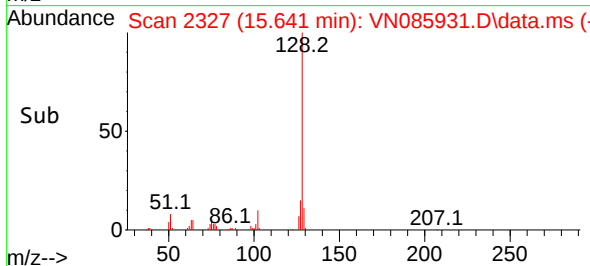
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01



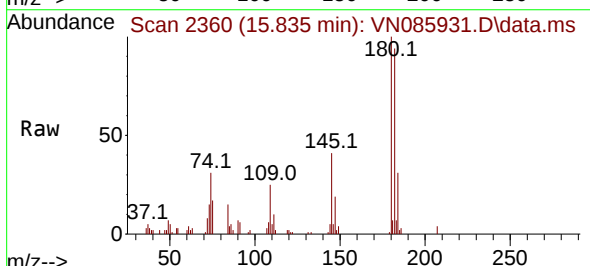
Tgt Ion:128 Resp: 78375
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.930 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085931.D
Acq: 11 Mar 2025 14:54



Tgt Ion:180 Resp: 30568
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 36.4 16.9 50.6

