

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086175.D
 Acq On : 31 Mar 2025 17:26
 Operator : JC\MD
 Sample : VN0331WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

Quant Time: Apr 01 01:38:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	202734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113914	41.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.060%		
35) Dibromofluoromethane	8.165	113	95023	41.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.540%		
50) Toluene-d8	10.565	98	348220	42.179	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.360%#		
62) 4-Bromofluorobenzene	12.847	95	109180	37.082	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	74.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40835	15.203	ug/l	93
3) Chloromethane	2.359	50	28161	11.960	ug/l	98
4) Vinyl Chloride	2.512	62	29635	12.309	ug/l	96
5) Bromomethane	2.959	94	22232	13.557	ug/l	95
6) Chloroethane	3.118	64	20582	13.551	ug/l	90
7) Trichlorofluoromethane	3.495	101	60061	13.878	ug/l	98
8) Diethyl Ether	3.965	74	18083	13.648	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	34475	14.988	ug/l	99
10) Methyl Iodide	4.589	142	42618	14.219	ug/l	96
11) Tert butyl alcohol	5.518	59	24145	61.430	ug/l	99
12) 1,1-Dichloroethene	4.342	96	31545	15.188	ug/l	98
13) Acrolein	4.183	56	18598	44.364	ug/l	93
14) Allyl chloride	5.030	41	37290	14.391	ug/l	96
15) Acrylonitrile	5.718	53	76857	74.041	ug/l	98
16) Acetone	4.424	43	57018	67.228	ug/l	97
17) Carbon Disulfide	4.712	76	97621	14.292	ug/l #	95
18) Methyl Acetate	5.024	43	31218	14.877	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	89576	13.161	ug/l	97
20) Methylene Chloride	5.277	84	37312	15.038	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	32353	14.253	ug/l	92
22) Diisopropyl ether	6.665	45	88194	15.972	ug/l	95
23) Vinyl Acetate	6.600	43	297065	70.969	ug/l	97
24) 1,1-Dichloroethane	6.565	63	60194	14.825	ug/l	98
25) 2-Butanone	7.483	43	86184	70.423	ug/l	96
26) 2,2-Dichloropropane	7.488	77	53157	13.598	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	37876	14.684	ug/l	99
28) Bromochloromethane	7.812	49	32656	18.983	ug/l	96
29) Tetrahydrofuran	7.841	42	57310	75.854	ug/l	95
30) Chloroform	7.965	83	65556	14.607	ug/l	98
31) Cyclohexane	8.253	56	50020	14.461	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	59501	14.005	ug/l	97
36) 1,1-Dichloropropene	8.365	75	42525	14.197	ug/l	98
37) Ethyl Acetate	7.559	43	36175	14.316	ug/l	100
38) Carbon Tetrachloride	8.359	117	53775	13.654	ug/l	96
39) Methylcyclohexane	9.600	83	41004	13.798	ug/l	95
40) Benzene	8.606	78	141380	15.036	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	19058	15.794	ug/l	90
42) 1,2-Dichloroethane	8.671	62	45385	13.852	ug/l	97
43) Isopropyl Acetate	8.688	43	64726	11.820	ug/l	94
44) Trichloroethene	9.353	130	33385	13.699	ug/l	99
45) 1,2-Dichloropropane	9.618	63	33122	15.487	ug/l	92
46) Dibromomethane	9.706	93	24324	14.462	ug/l	99
47) Bromodichloromethane	9.882	83	51554	14.666	ug/l	98
48) Methyl methacrylate	9.677	41	23690	13.110	ug/l	96
49) 1,4-Dioxane	9.700	88	11594	271.422	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	181591	75.194	ug/l	95
52) Toluene	10.629	92	84899	14.711	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	46473	13.613	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	53386	14.822	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	33120	15.036	ug/l	98
56) Ethyl methacrylate	10.871	69	40849	14.001	ug/l	97
57) 1,3-Dichloropropane	11.159	76	55344	14.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	79800	72.996	ug/l	99
59) 2-Hexanone	11.194	43	125522	71.349	ug/l	95
60) Dibromochloromethane	11.359	129	41033	14.436	ug/l	99
61) 1,2-Dibromoethane	11.465	107	32670	14.447	ug/l	96
64) Tetrachloroethene	11.106	164	33162	14.779	ug/l	95
65) Chlorobenzene	11.888	112	91110	14.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	34093	14.248	ug/l	98
67) Ethyl Benzene	11.959	91	138306	13.433	ug/l	100
68) m/p-Xylenes	12.071	106	111233	27.486	ug/l	97
69) o-Xylene	12.394	106	50830	13.685	ug/l	98
70) Styrene	12.412	104	84900	13.382	ug/l	99
71) Bromoform	12.576	173	28177	14.087	ug/l #	100
73) Isopropylbenzene	12.694	105	124042	13.621	ug/l	98
74) N-amyl acetate	12.494	43	44126	14.483	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	45276	14.696	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	43141m	14.450	ug/l	
77) Bromobenzene	12.976	156	36533	14.387	ug/l	98
78) n-propylbenzene	13.035	91	149638	14.511	ug/l	99
79) 2-Chlorotoluene	13.123	91	95617	13.960	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	108428	14.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16056	14.218	ug/l	95
82) 4-Chlorotoluene	13.217	91	97788	13.883	ug/l	98
83) tert-Butylbenzene	13.435	119	85406	12.988	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	106898	13.785	ug/l	99
85) sec-Butylbenzene	13.612	105	125750	14.659	ug/l	100
86) p-Isopropyltoluene	13.729	119	99740	13.735	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	64876	14.174	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	65099	13.537	ug/l	99
89) n-Butylbenzene	14.053	91	78947	13.350	ug/l	96
90) Hexachloroethane	14.329	117	23802	14.205	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	61108	13.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8112	13.190	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	26884	11.751	ug/l	99
94) Hexachlorobutadiene	15.500	225	16920	12.747	ug/l	96
95) Naphthalene	15.641	128	65854	9.940	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26118	12.031	ug/l	99

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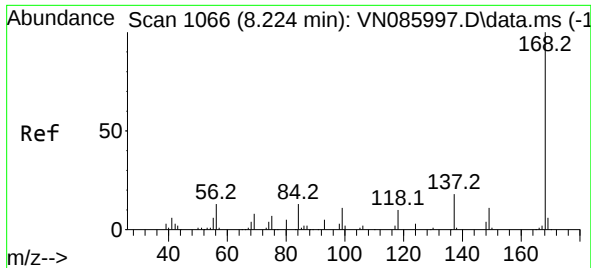
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

Quant Time: Apr 01 01:38:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

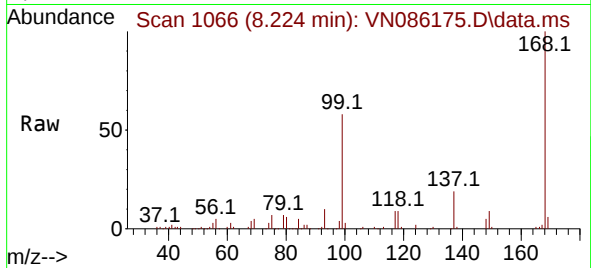
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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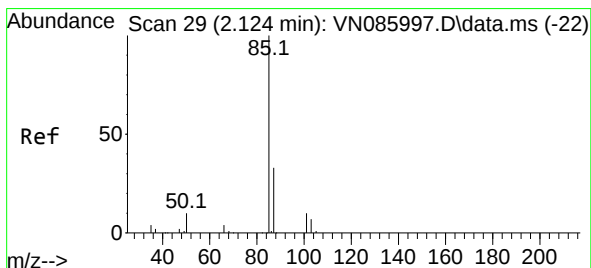
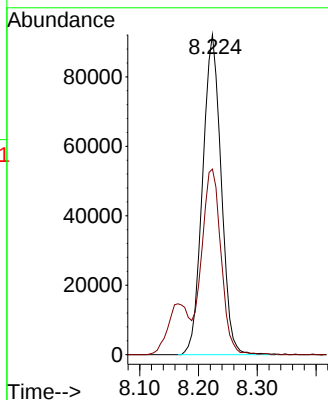
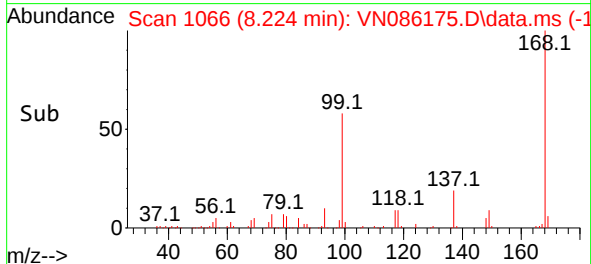
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion:168 Resp: 202734
Ion Ratio Lower Upper
168 100
99 57.8 49.4 74.2

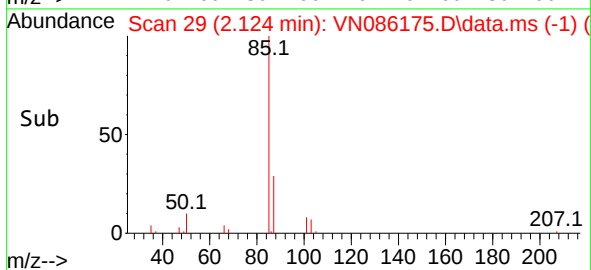
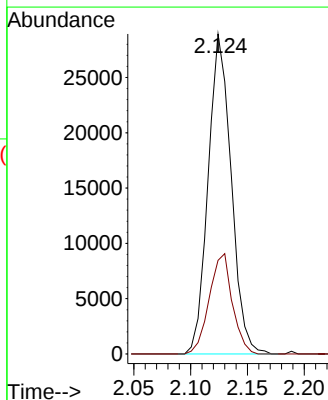
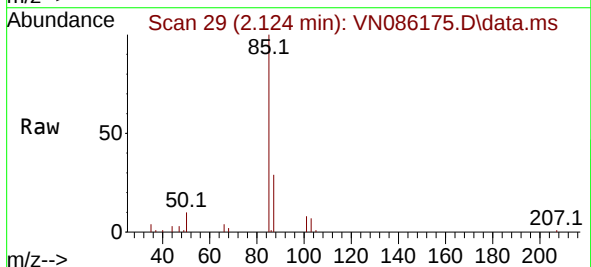
Manual Integrations
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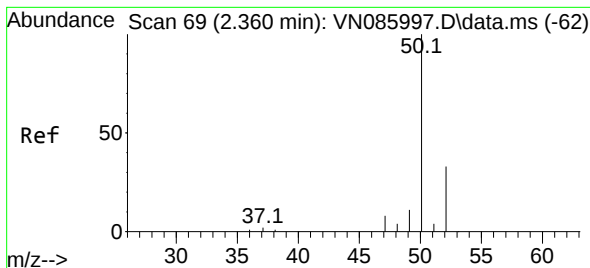
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#2
Dichlorodifluoromethane
Concen: 15.203 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 85 Resp: 40835
Ion Ratio Lower Upper
85 100
87 29.3 16.5 49.5





#3

Chloromethane

Concen: 11.960 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

Tgt Ion: 50 Resp: 2816

Ion Ratio Lower Upper

50 100

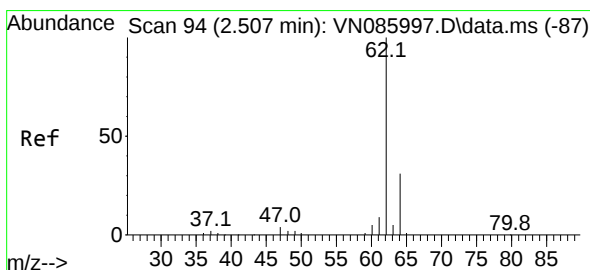
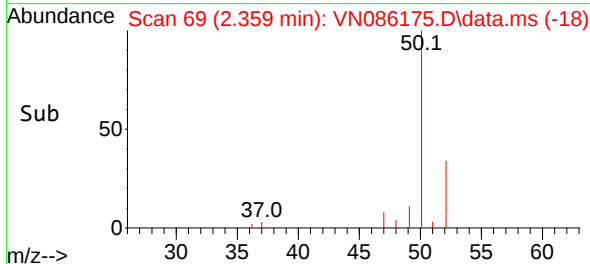
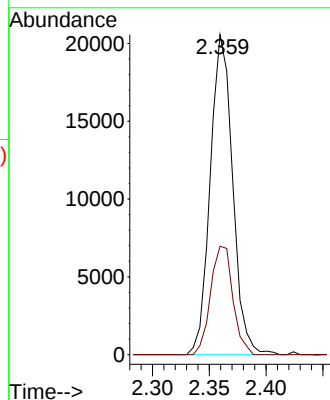
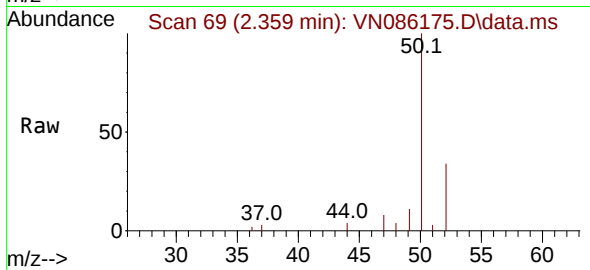
52 33.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#4

Vinyl Chloride

Concen: 12.309 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.006 min

Lab File: VN086175.D

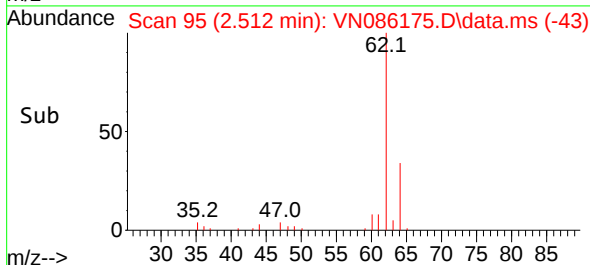
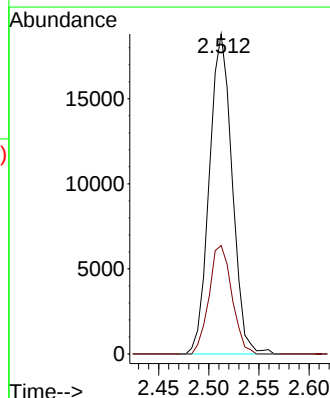
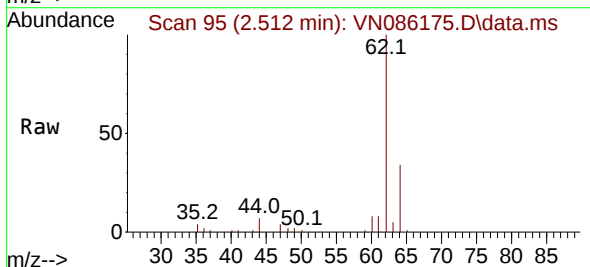
Acq: 31 Mar 2025 17:26

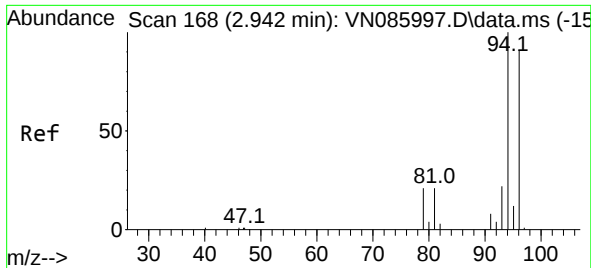
Tgt Ion: 62 Resp: 29635

Ion Ratio Lower Upper

62 100

64 33.9 25.2 37.8





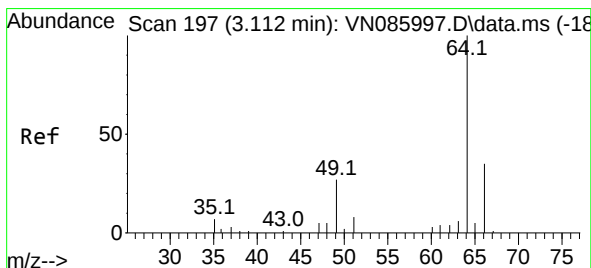
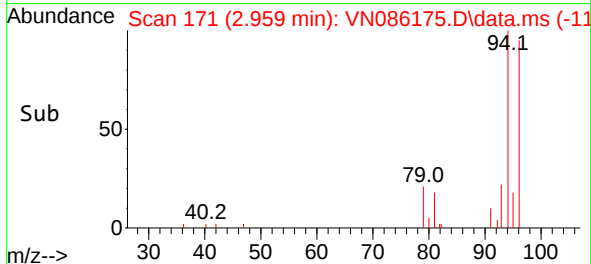
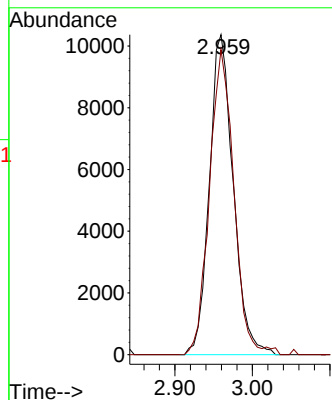
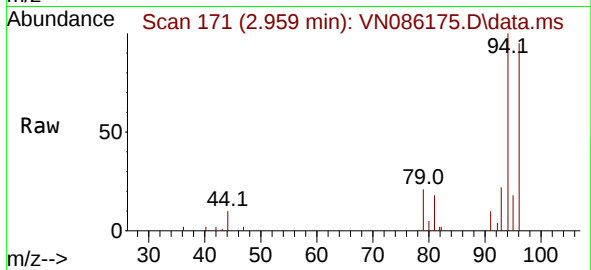
#5
Bromomethane
Concen: 13.557 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
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Tgt Ion: 94 Resp: 2223
Ion Ratio Lower Upper
94 100
96 95.4 72.8 109.2

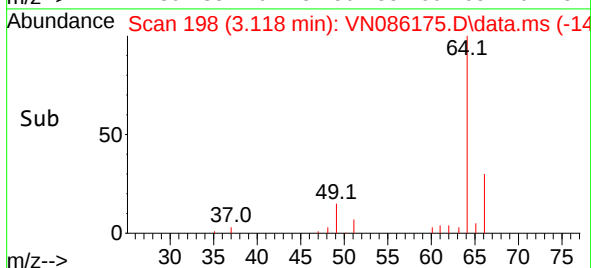
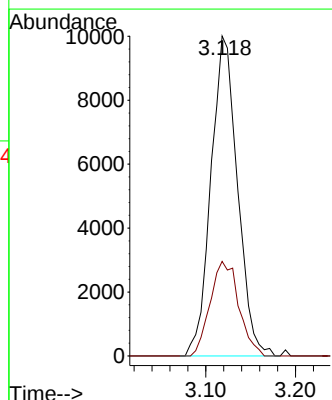
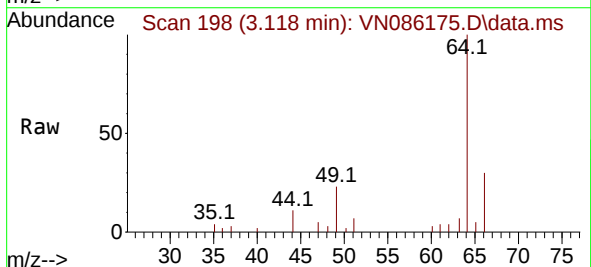
Manual Integrations
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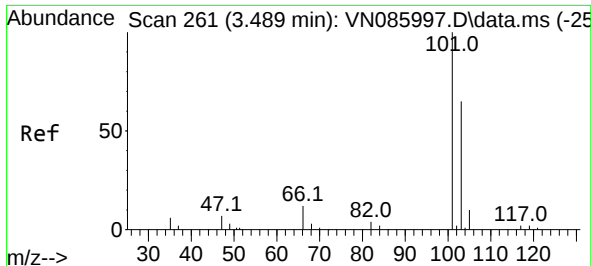
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#6
Chloroethane
Concen: 13.551 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 64 Resp: 20582
Ion Ratio Lower Upper
64 100
66 29.6 28.3 42.5





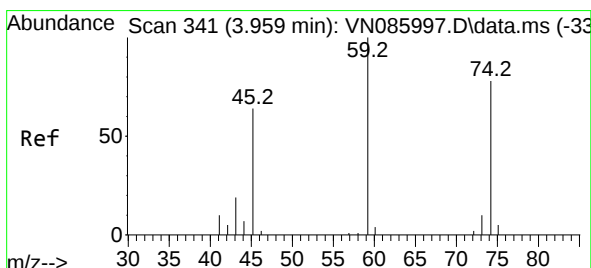
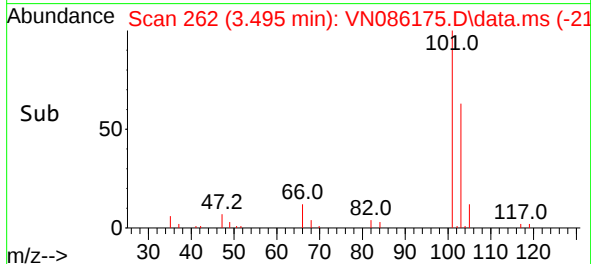
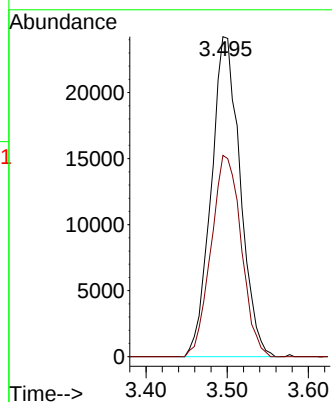
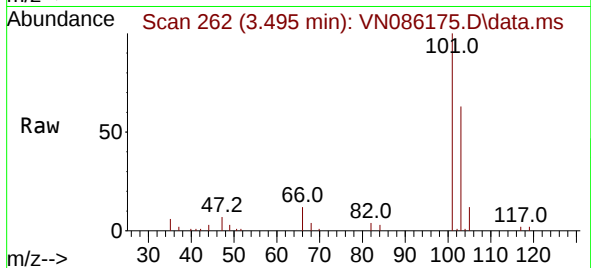
#7
Trichlorofluoromethane
Concen: 13.878 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion:101 Resp: 6006
Ion Ratio Lower Upper
101 100
103 62.9 51.7 77.5

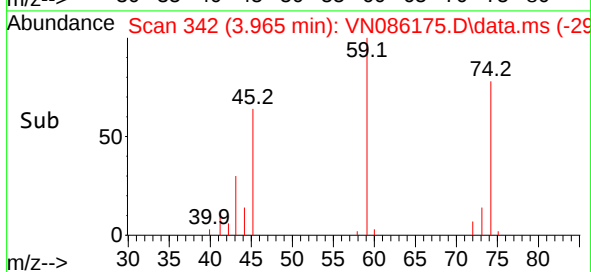
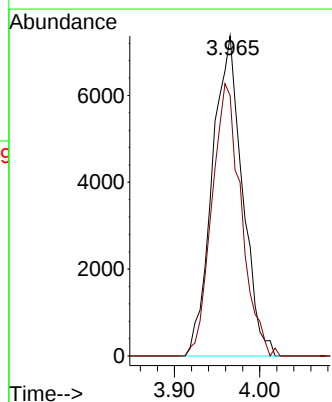
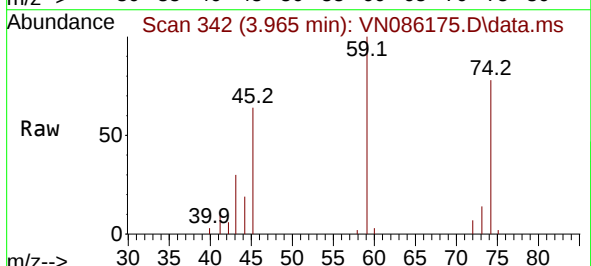
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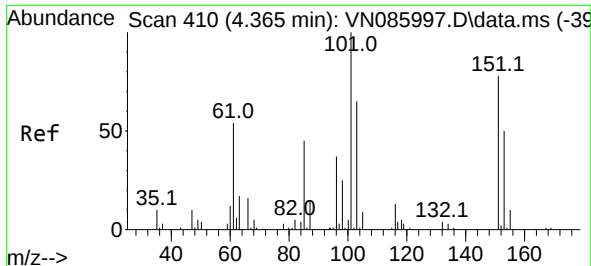
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#8
Diethyl Ether
Concen: 13.648 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 74 Resp: 18083
Ion Ratio Lower Upper
74 100
45 82.9 38.0 113.9





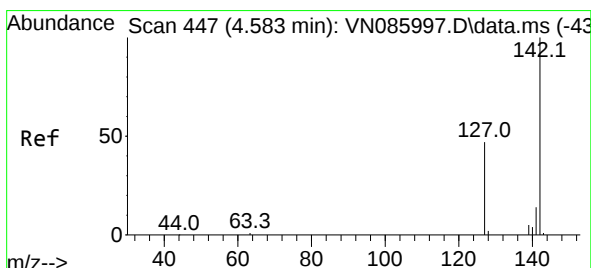
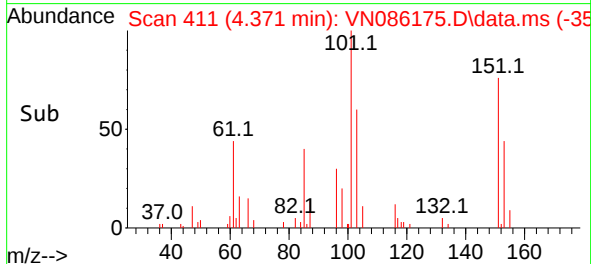
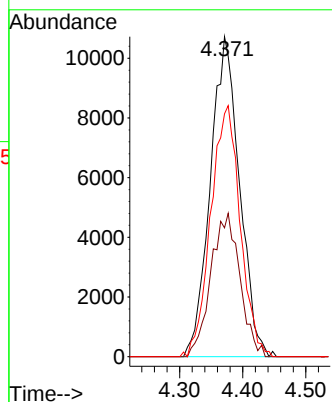
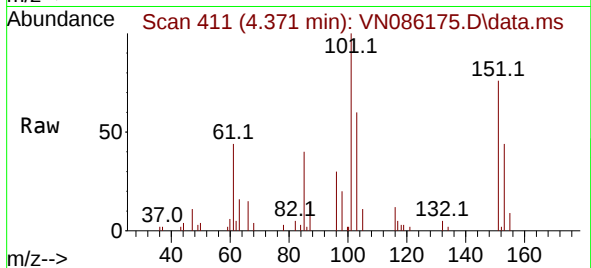
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.988 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion:101 Resp: 3447
Ion Ratio Lower Upper
101 100
85 44.3 36.5 54.7
151 78.9 63.4 95.0

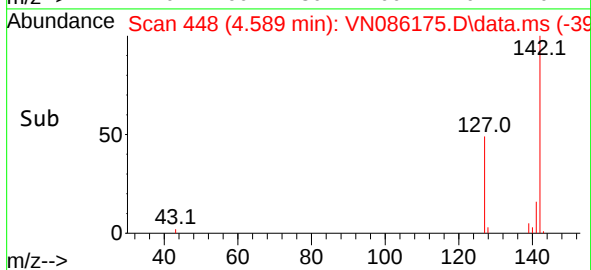
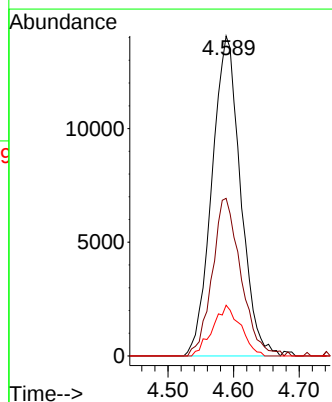
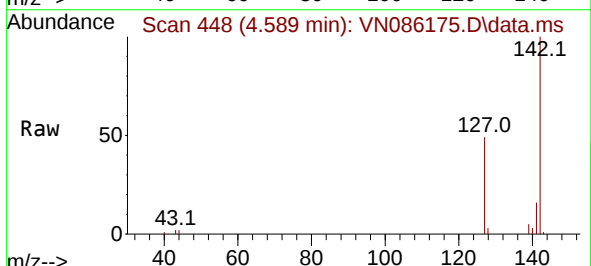
Manual Integrations
APPROVED

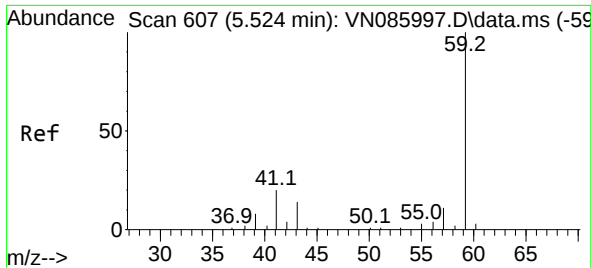
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#10
Methyl Iodide
Concen: 14.219 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

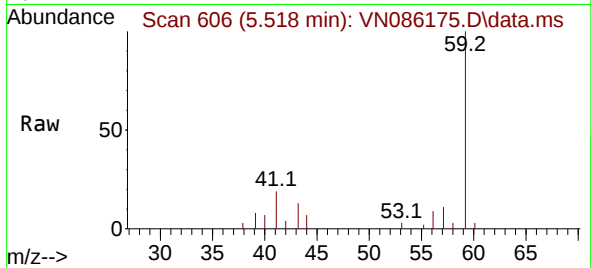
Tgt Ion:142 Resp: 42618
Ion Ratio Lower Upper
142 100
127 49.2 37.5 56.3
141 15.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 61.430 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

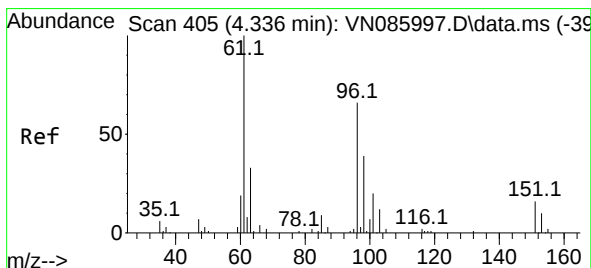
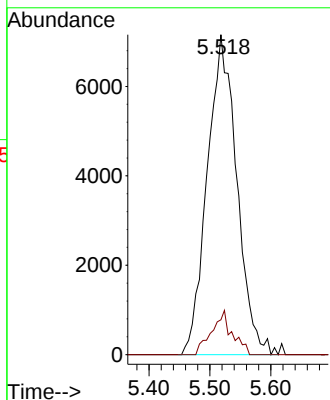
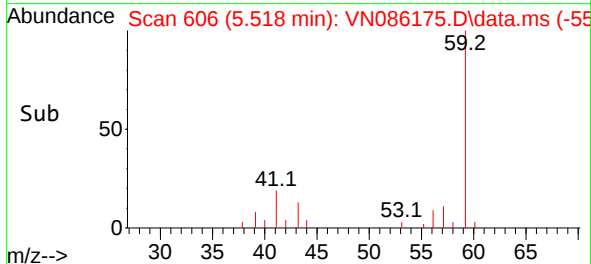
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



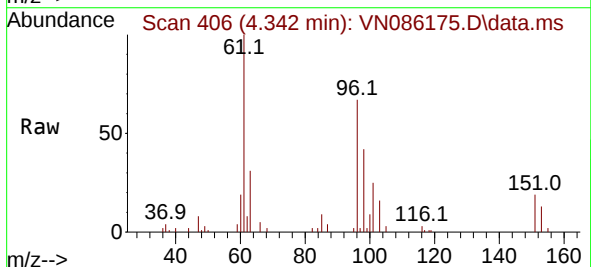
Tgt Ion: 59 Resp: 2414
Ion Ratio Lower Upper
59 100
57 9.6 7.9 11.9

Manual Integrations
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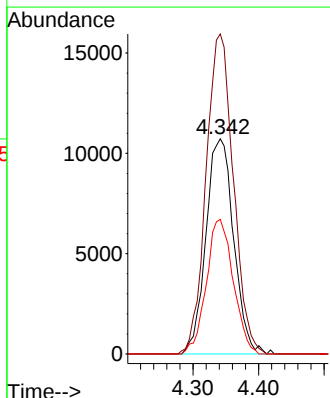
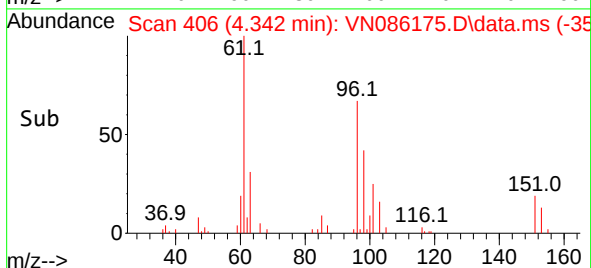
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

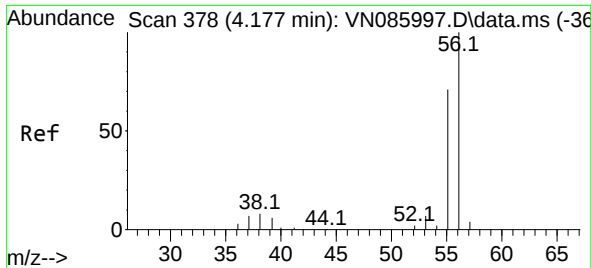


#12
1,1-Dichloroethene
Concen: 15.188 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



Tgt Ion: 96 Resp: 31545
Ion Ratio Lower Upper
96 100
61 148.7 120.5 180.7
98 62.5 47.4 71.0





#13

Acrolein

Concen: 44.364 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

Tgt Ion: 56 Resp: 1859

Ion Ratio Lower Upper

56 100

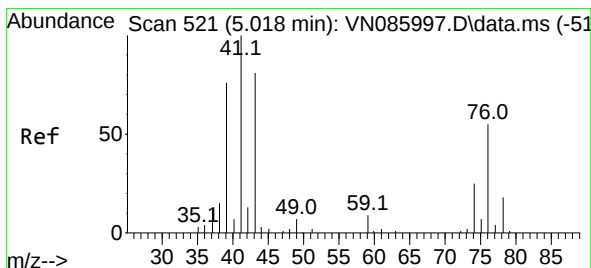
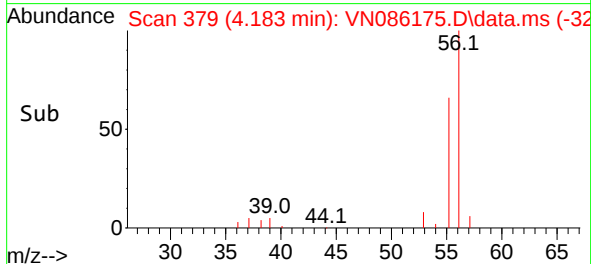
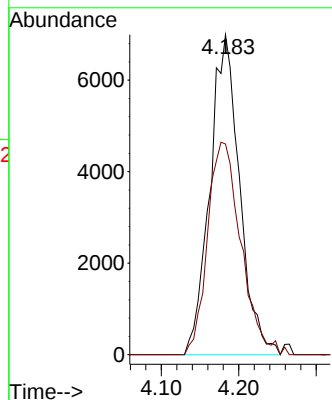
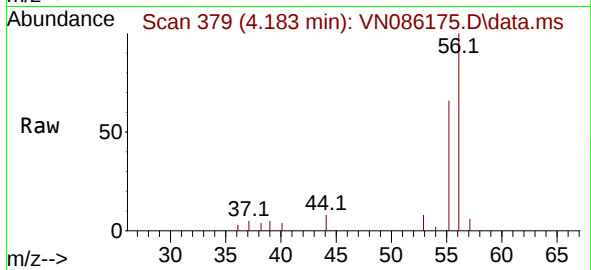
55 74.6 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#14

Allyl chloride

Concen: 14.391 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

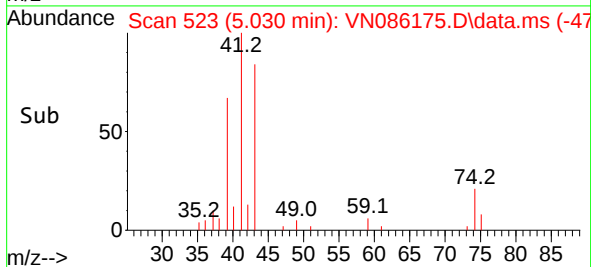
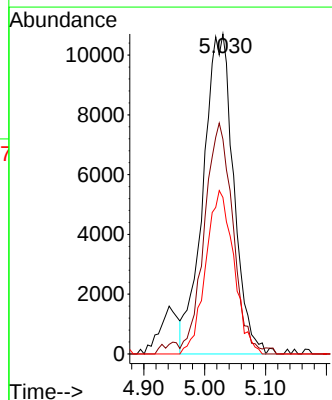
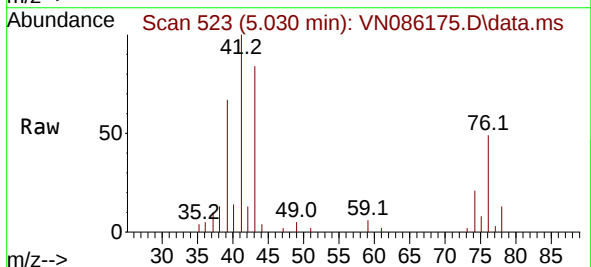
Tgt Ion: 41 Resp: 37290

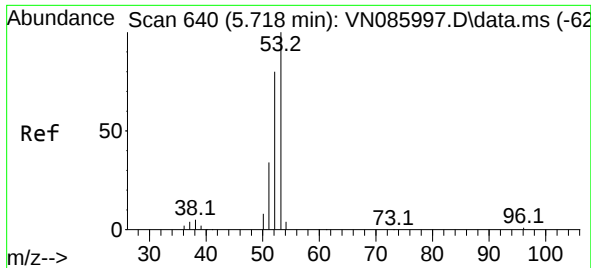
Ion Ratio Lower Upper

41 100

39 65.0 55.5 83.3

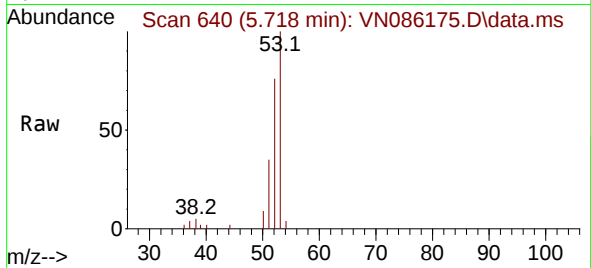
76 47.0 39.1 58.7





#15
Acrylonitrile
Concen: 74.041 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

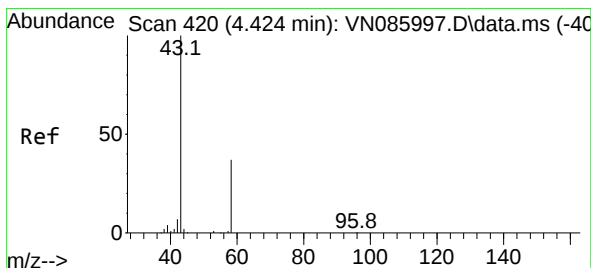
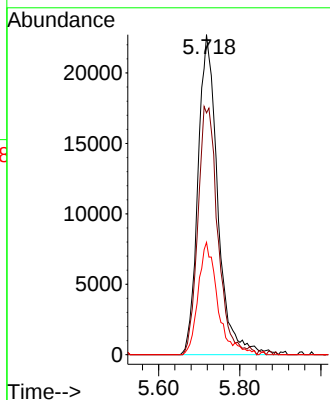
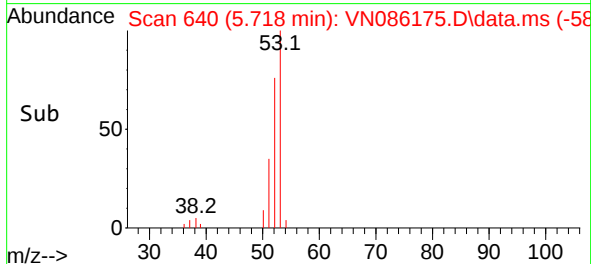
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 53 Resp: 7685
Ion Ratio Lower Upper
53 100
52 78.1 63.9 95.9
51 34.6 27.1 40.7

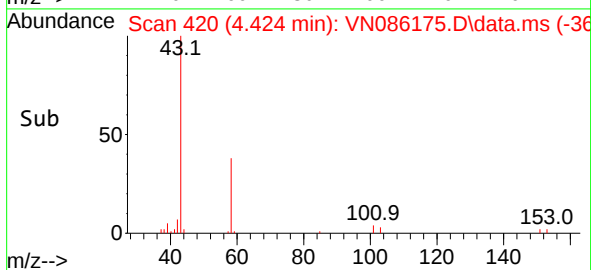
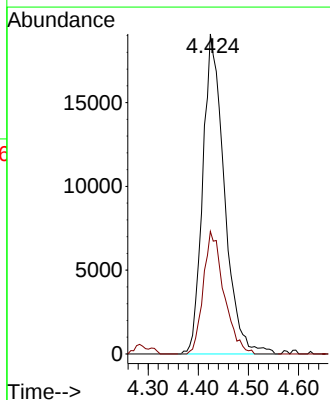
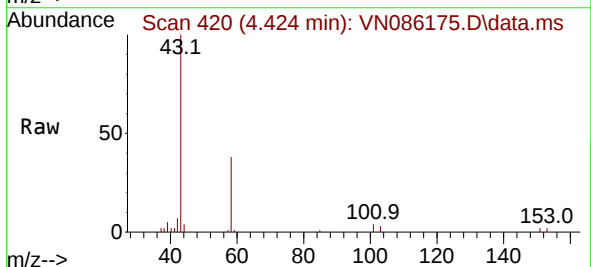
Manual Integrations
APPROVED

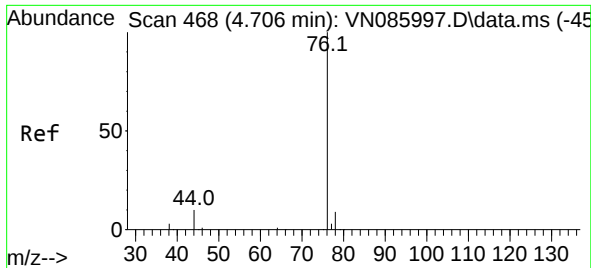
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#16
Acetone
Concen: 67.228 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 43 Resp: 57018
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2





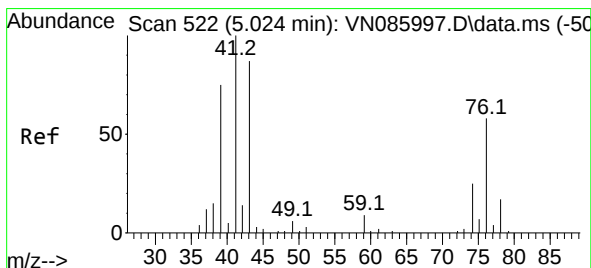
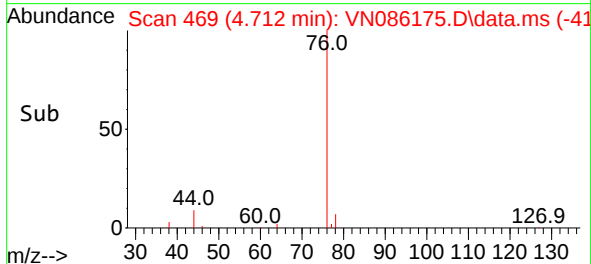
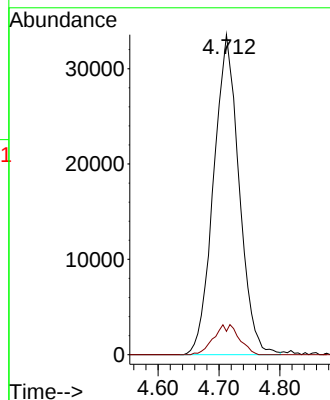
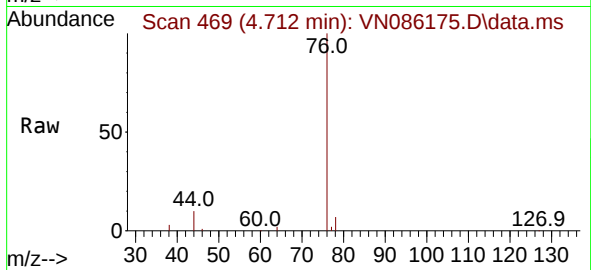
#17
Carbon Disulfide
Concen: 14.292 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 76 Resp: 9762
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.2

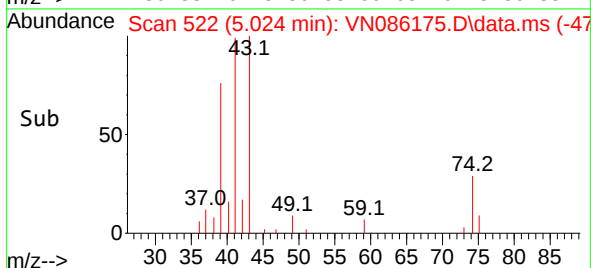
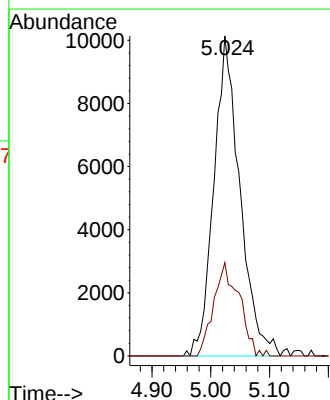
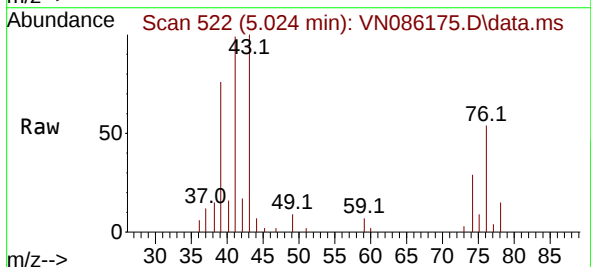
Manual Integrations
APPROVED

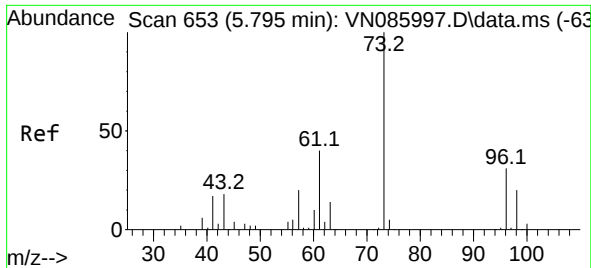
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#18
Methyl Acetate
Concen: 14.877 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 43 Resp: 31218
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9





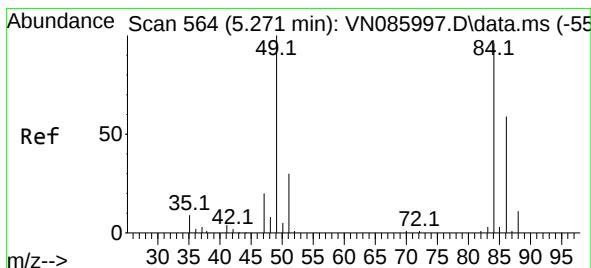
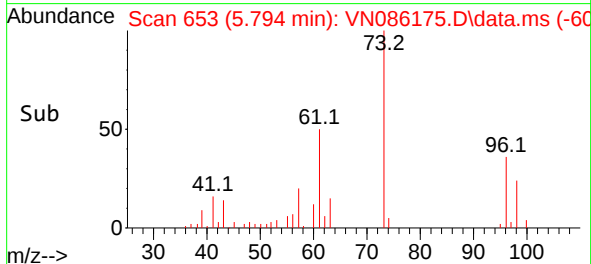
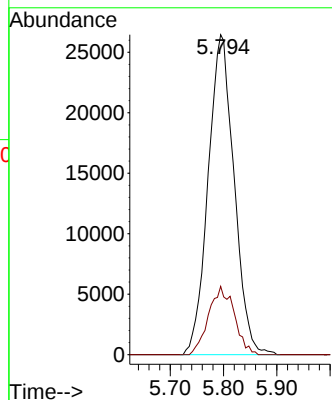
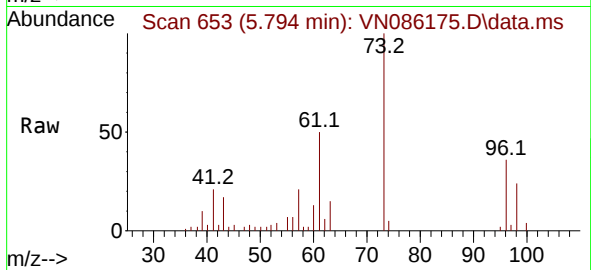
#19
Methyl tert-butyl Ether
Concen: 13.161 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 73 Resp: 89570
Ion Ratio Lower Upper
73 100
57 21.3 16.1 24.1

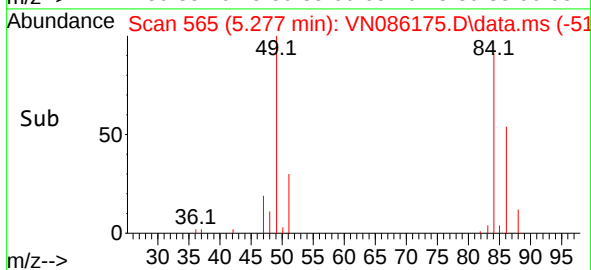
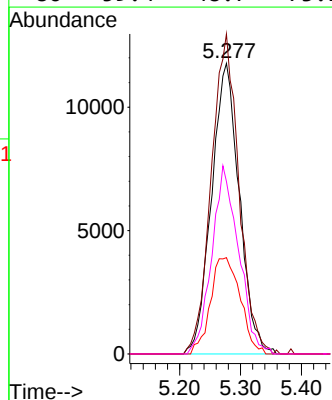
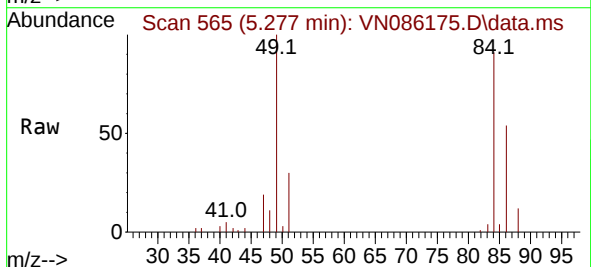
Manual Integrations
APPROVED

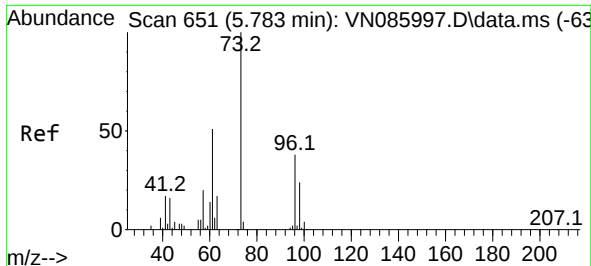
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#20
Methylene Chloride
Concen: 15.038 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

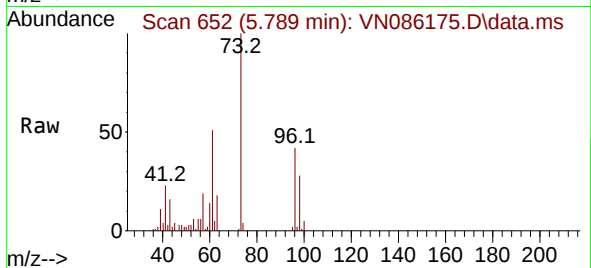
Tgt Ion: 84 Resp: 37312
Ion Ratio Lower Upper
84 100
49 110.1 83.3 124.9
51 33.1 24.8 37.2
86 59.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 14.253 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

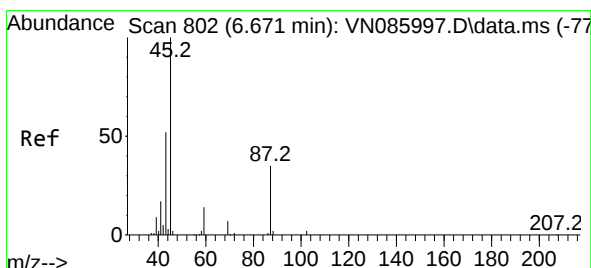
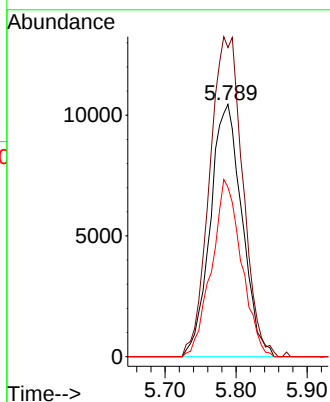
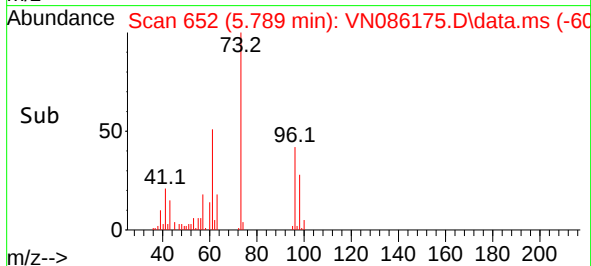
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 96 Resp: 3235
Ion Ratio Lower Upper
96 100
61 122.5 106.6 160.0
98 67.1 50.0 75.0

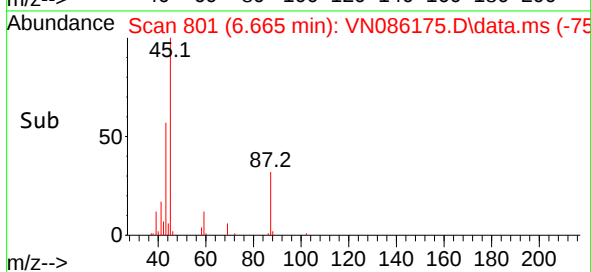
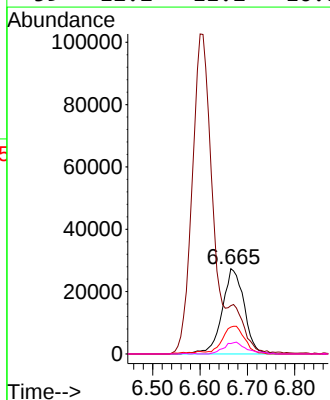
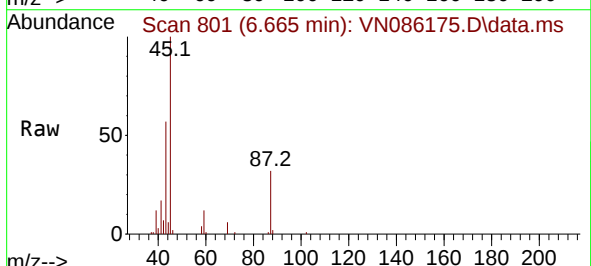
Manual Integrations
APPROVED

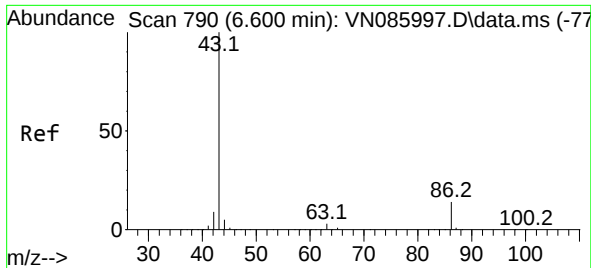
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#22
Diisopropyl ether
Concen: 15.972 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

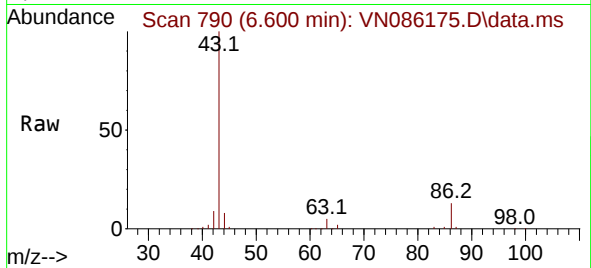
Tgt Ion: 45 Resp: 88194
Ion Ratio Lower Upper
45 100
43 54.4 41.2 61.8
87 31.6 28.5 42.7
59 12.2 11.2 16.8





#23
 Vinyl Acetate
 Concen: 70.969 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

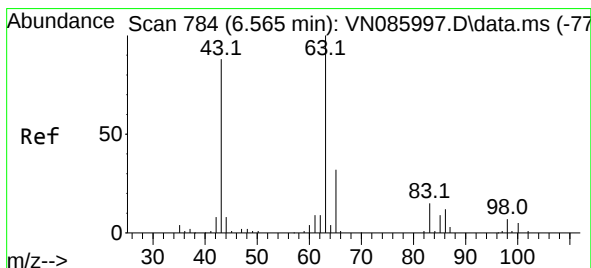
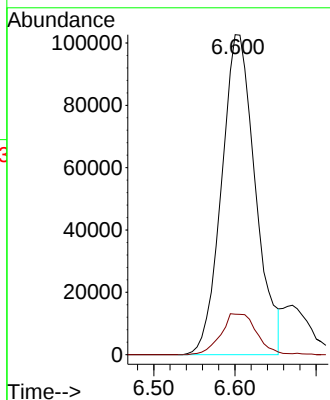
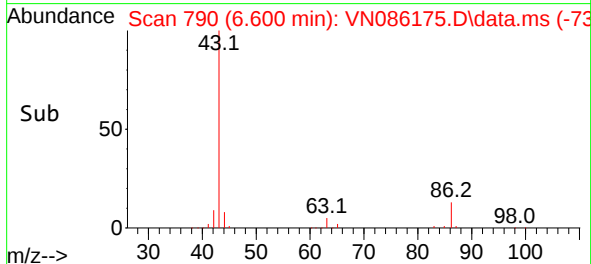
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01



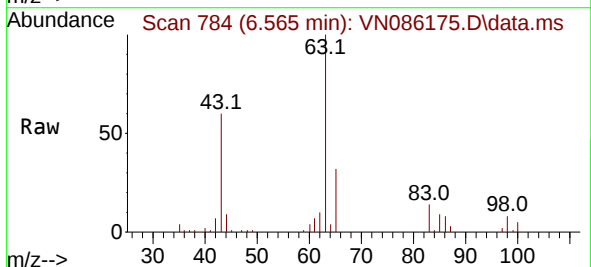
Tgt Ion: 43 Resp: 29706
 Ion Ratio Lower Upper
 43 100
 86 12.7 11.2 16.8

Manual Integrations
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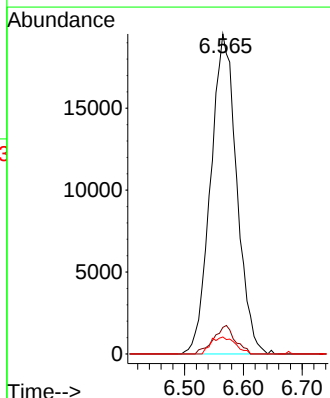
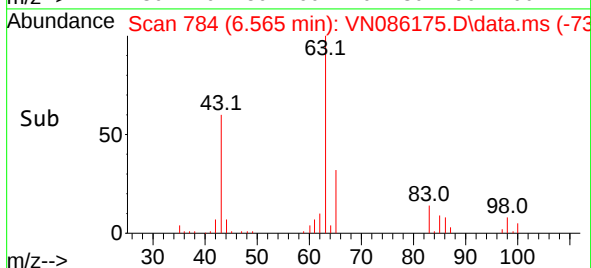
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

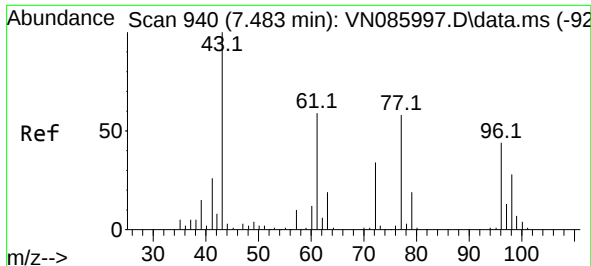


#24
 1,1-Dichloroethane
 Concen: 14.825 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26



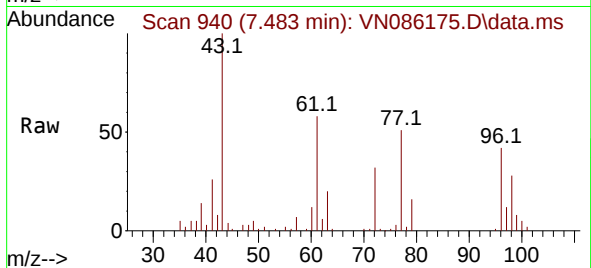
Tgt Ion: 63 Resp: 60194
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 5.3 2.5 7.5





#25
2-Butanone
Concen: 70.423 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

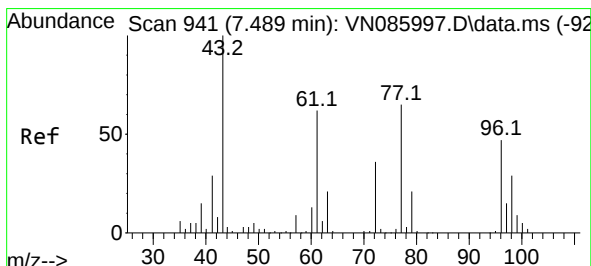
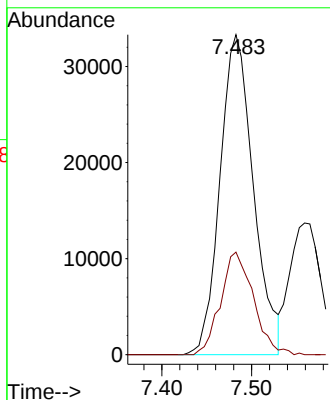
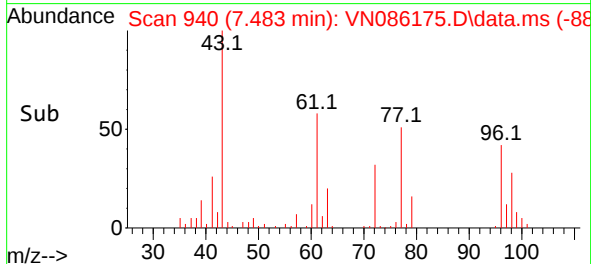
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



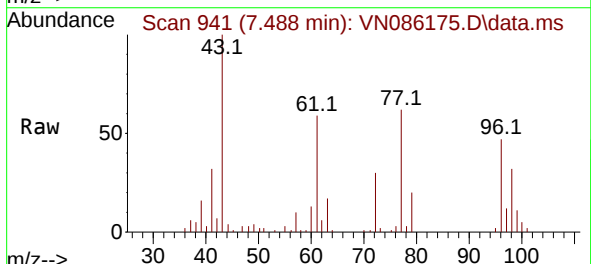
Tgt Ion: 43 Resp: 86184
Ion Ratio Lower Upper
43 100
72 32.1 27.4 41.0

Manual Integrations
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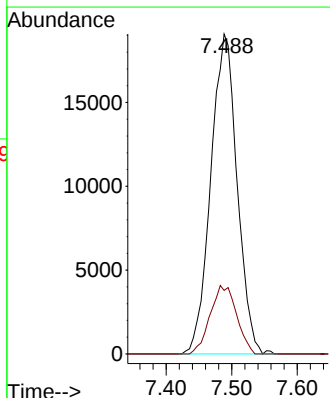
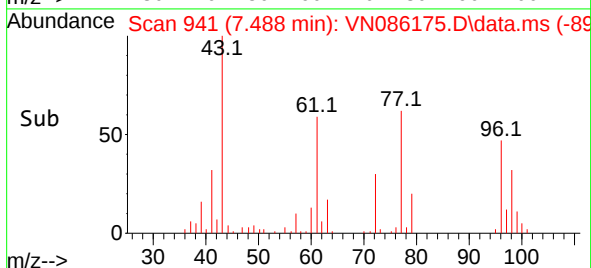
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

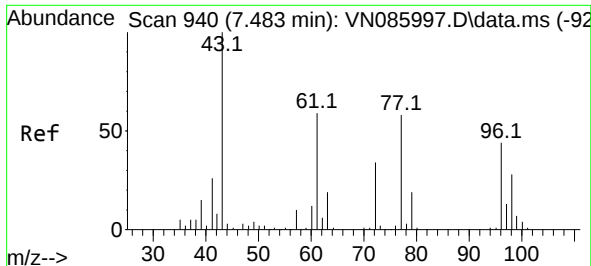


#26
2,2-Dichloropropane
Concen: 13.598 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



Tgt Ion: 77 Resp: 53157
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 14.684 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

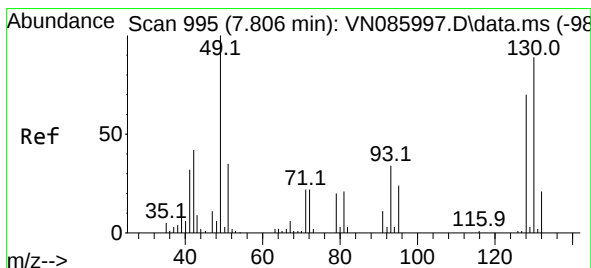
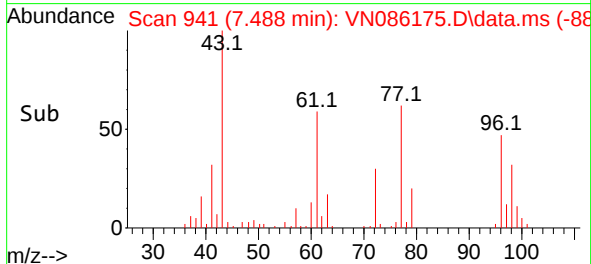
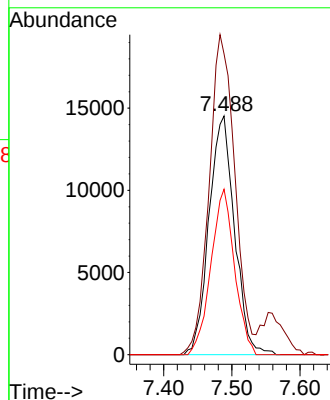
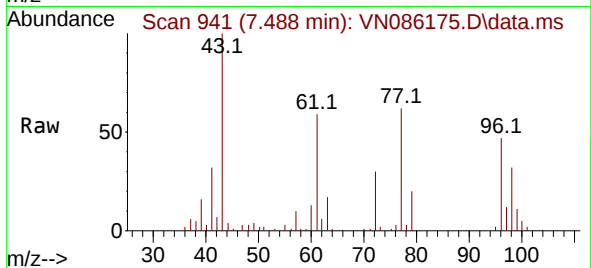
VN0331WBSD01

Tgt Ion: 96 Resp: 37870
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 272.8
 98 64.1 0.0 124.8

Manual Integrations

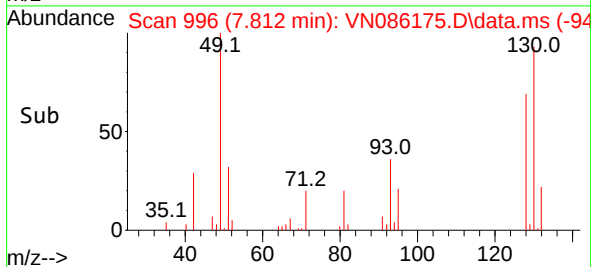
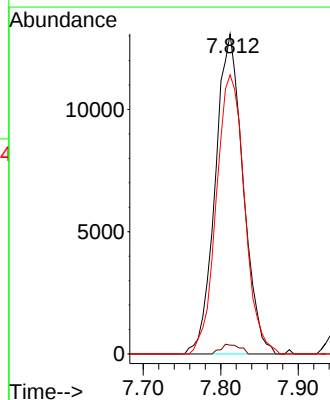
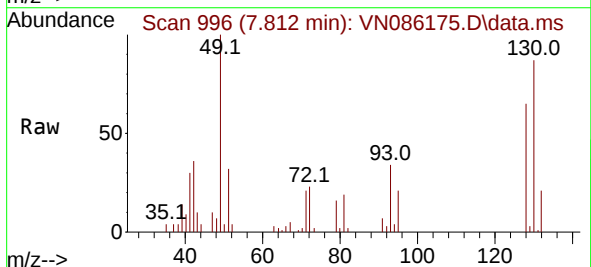
APPROVED

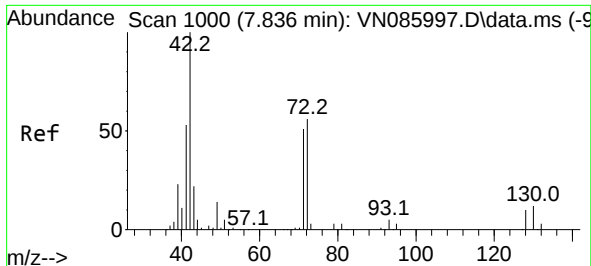
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#28
 Bromochloromethane
 Concen: 18.983 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

Tgt Ion: 49 Resp: 32656
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 88.7 74.2 111.4





#29

Tetrahydrofuran

Concen: 75.854 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

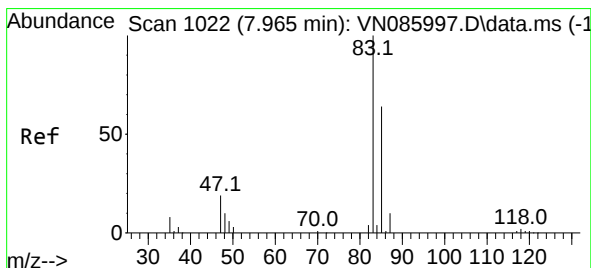
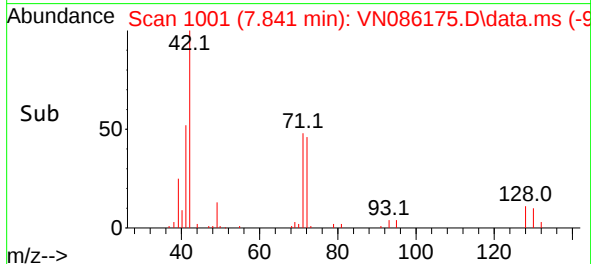
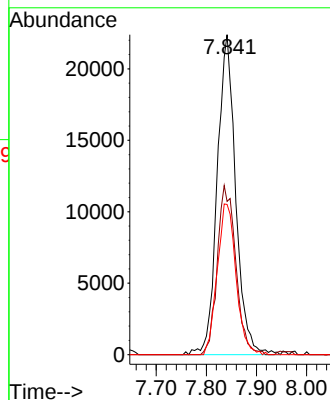
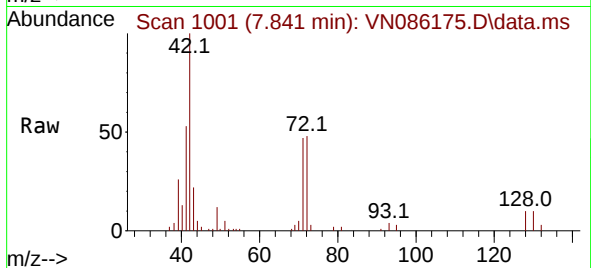
Tgt Ion:	42	Resp:	57310
Ion	Ratio	Lower	Upper
42	100		
72	52.8	45.0	67.4
71	48.0	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#30

Chloroform

Concen: 14.607 ug/l

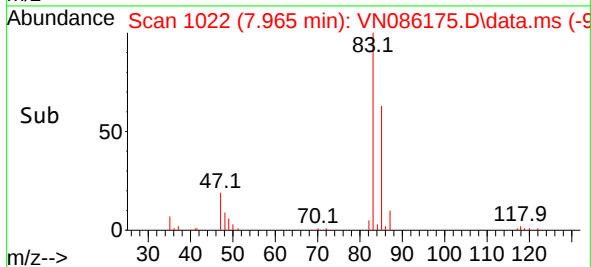
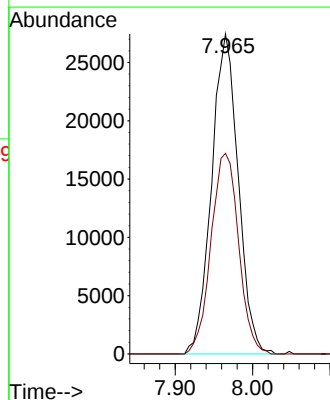
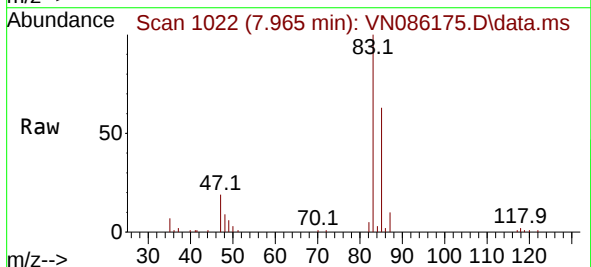
RT: 7.965 min Scan# 1022

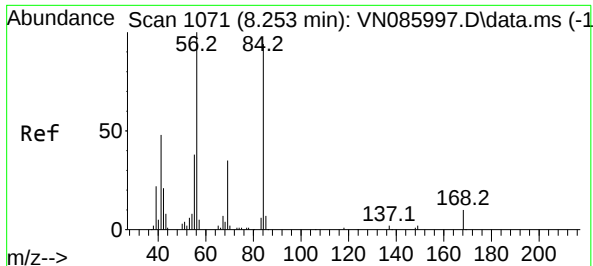
Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

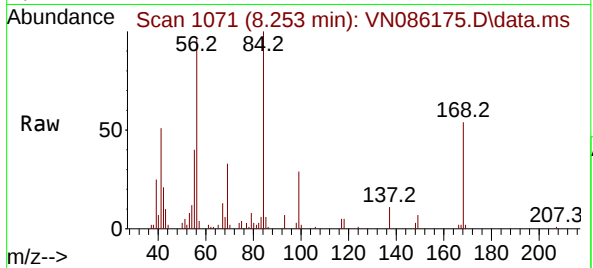
Tgt Ion:	83	Resp:	65556
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3





#31
Cyclohexane
Concen: 14.461 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

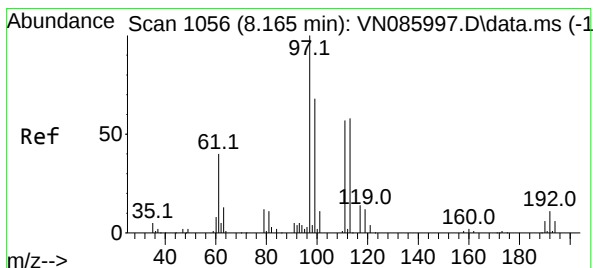
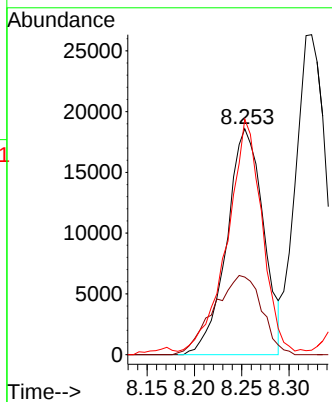
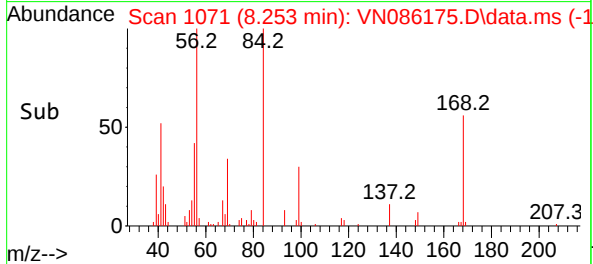
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 56 Resp: 50020
Ion Ratio Lower Upper
56 100
69 33.5 28.0 42.0
84 102.7 75.0 112.6

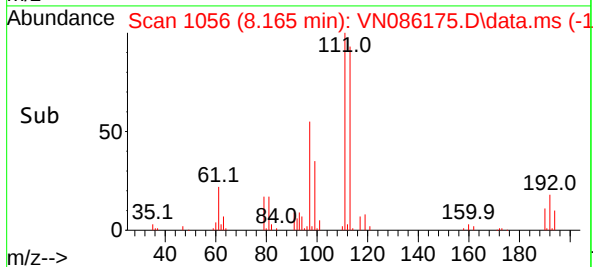
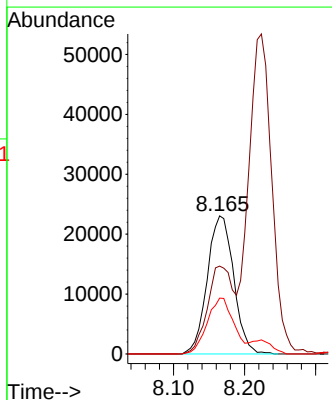
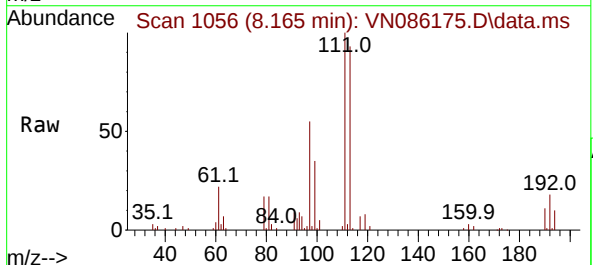
Manual Integrations
APPROVED

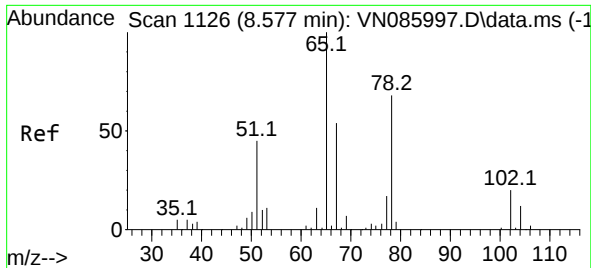
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#32
1,1,1-Trichloroethane
Concen: 14.005 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 97 Resp: 59501
Ion Ratio Lower Upper
97 100
99 62.8 52.8 79.2
61 41.4 33.6 50.4





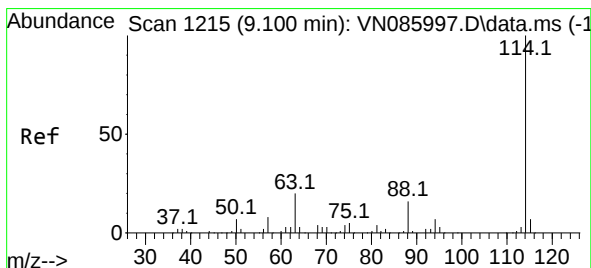
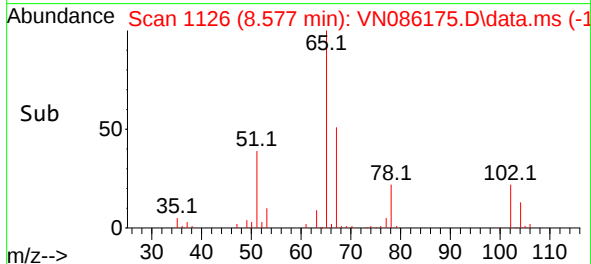
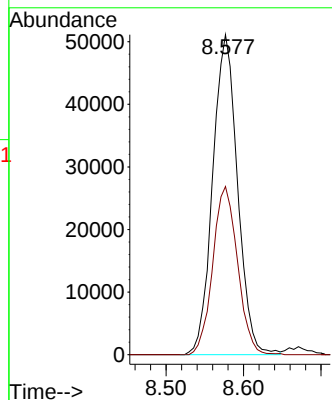
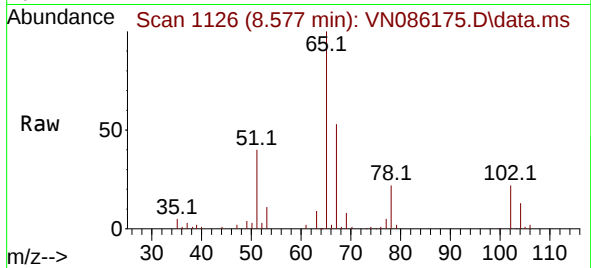
#33
1,2-Dichloroethane-d4
Concen: 41.034 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 65 Resp: 113914
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2

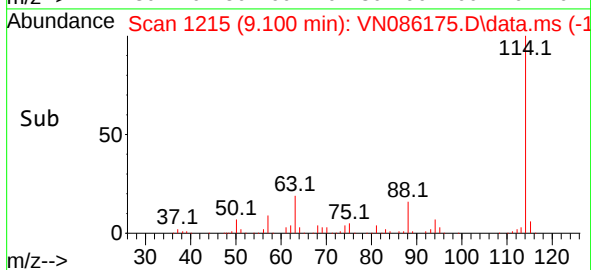
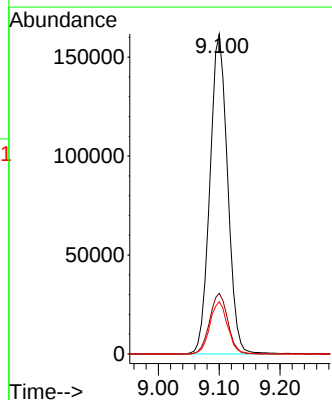
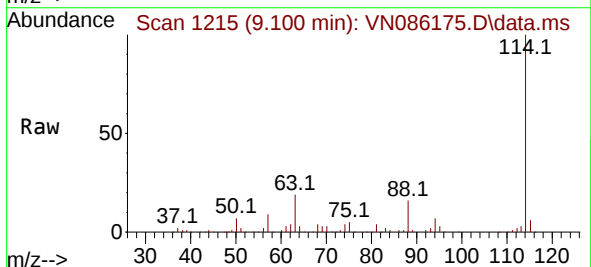
Manual Integrations
APPROVED

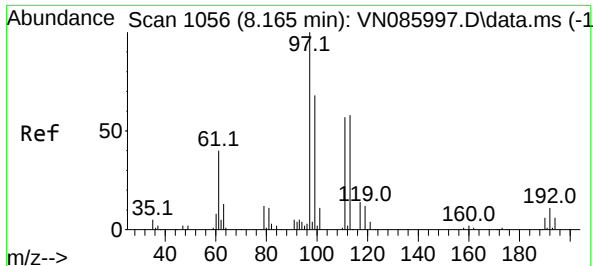
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion:114 Resp: 325904
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 41.773 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

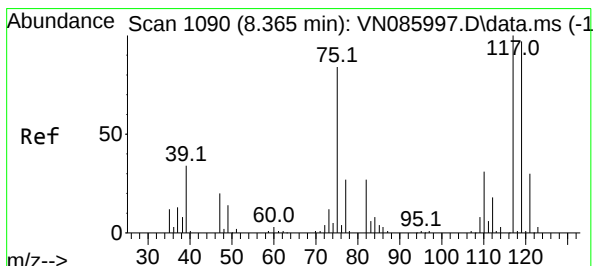
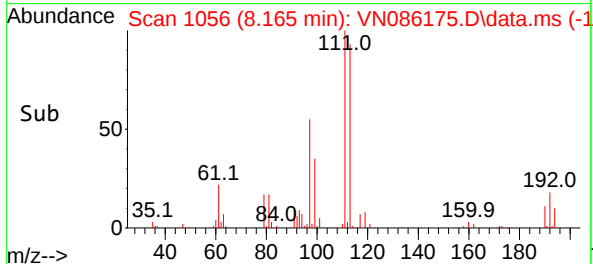
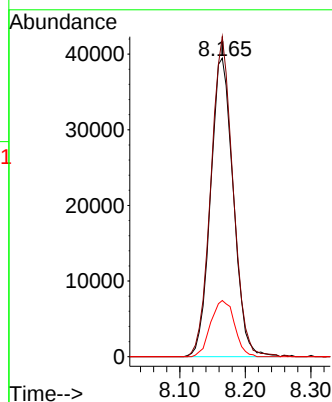
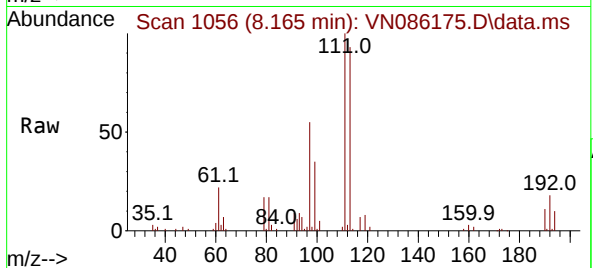
Tgt Ion:	113	Resp:	9502
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.8
192	19.7	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#36

1,1-Dichloropropene

Concen: 14.197 ug/l

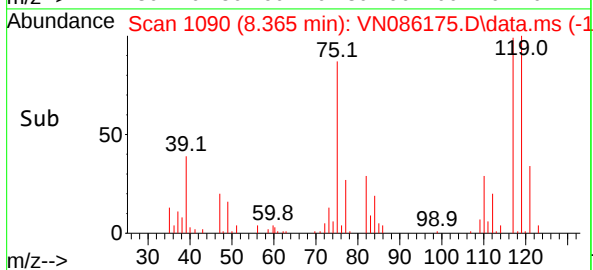
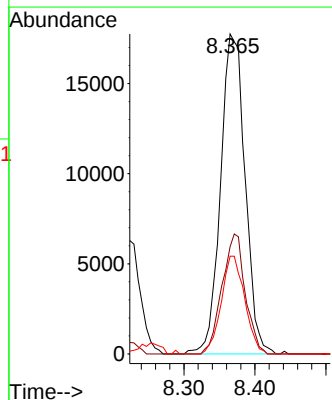
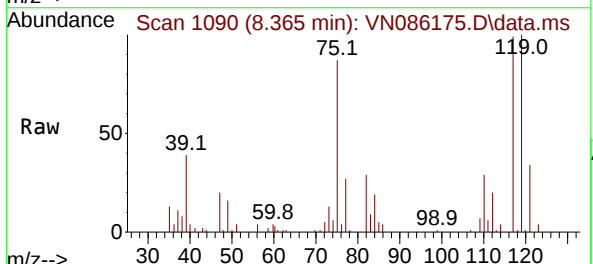
RT: 8.365 min Scan# 1090

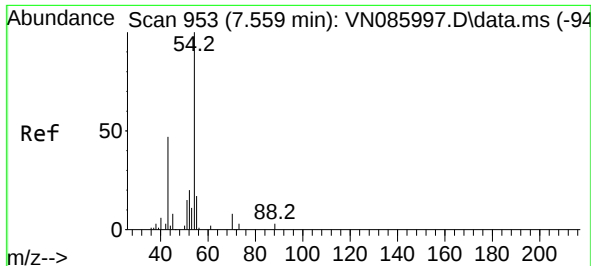
Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

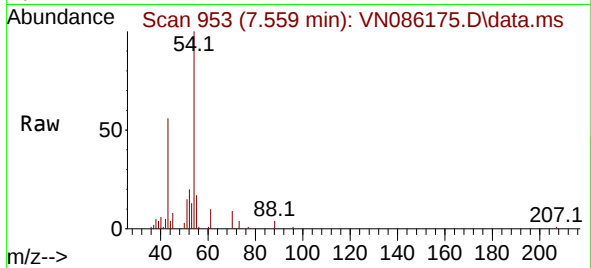
Tgt Ion:	75	Resp:	42525
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.8	53.3
77	29.2	25.0	37.4





#37
Ethyl Acetate
Concen: 14.316 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

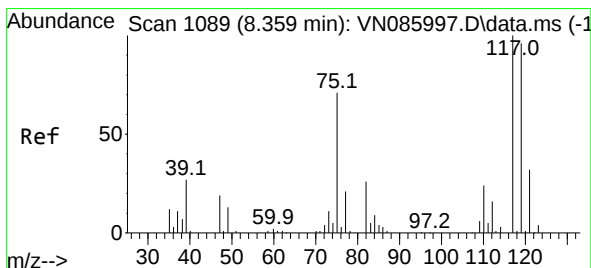
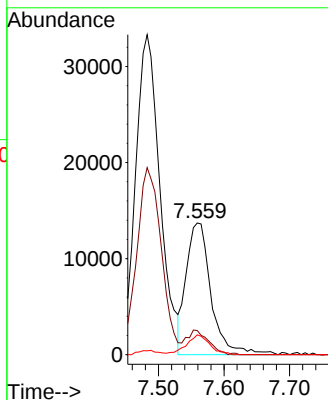
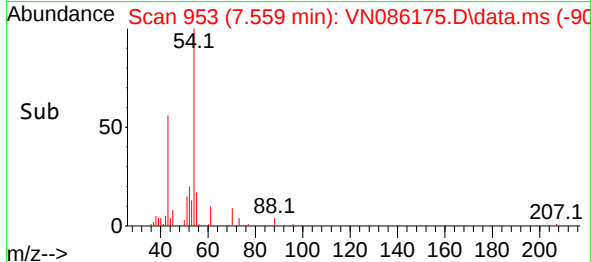
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 43 Resp: 36175
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 14.0 11.0 16.6

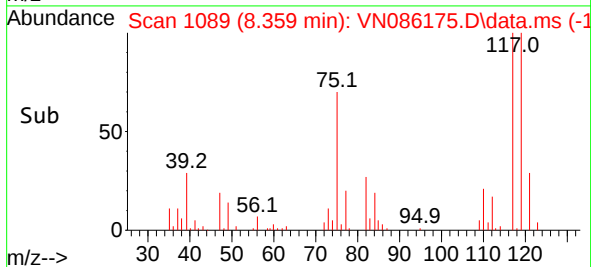
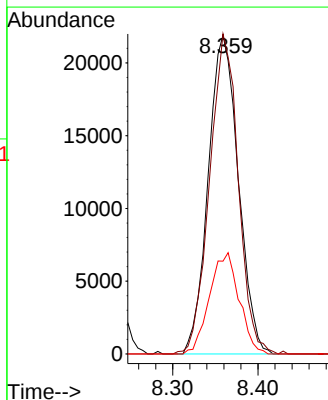
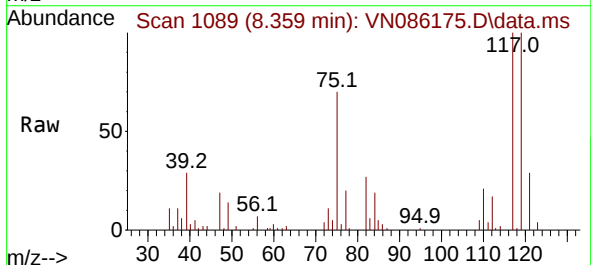
Manual Integrations
APPROVED

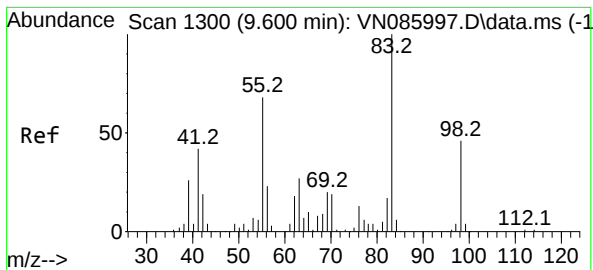
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#38
Carbon Tetrachloride
Concen: 13.654 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

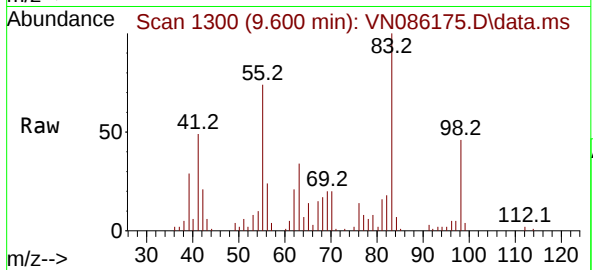
Tgt Ion: 117 Resp: 53775
Ion Ratio Lower Upper
117 100
119 100.3 77.0 115.4
121 29.1 25.6 38.4





#39
Methylcyclohexane
Concen: 13.798 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

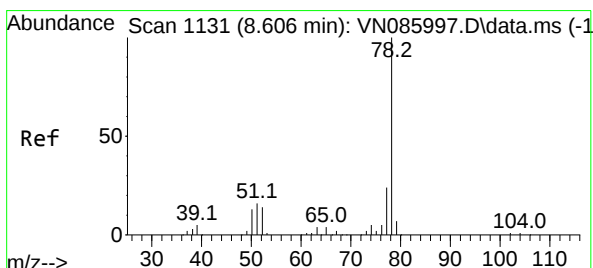
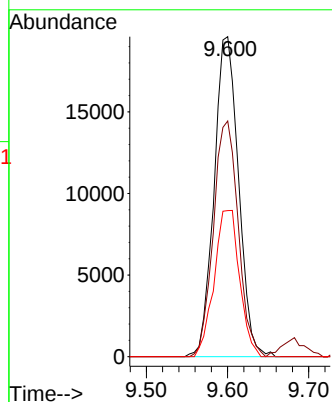
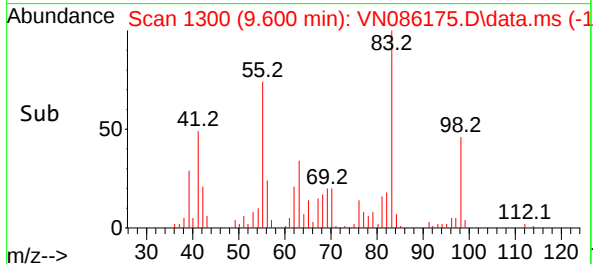
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 83 Resp: 41004
Ion Ratio Lower Upper
83 100
55 73.6 54.2 81.2
98 45.6 37.1 55.7

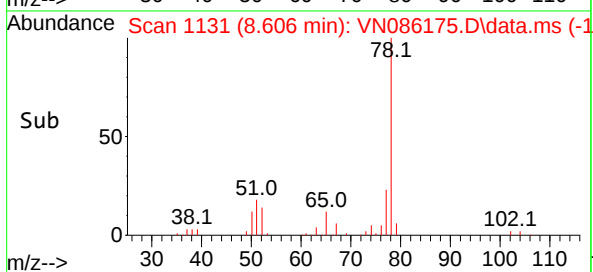
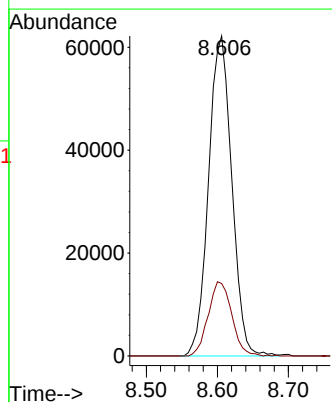
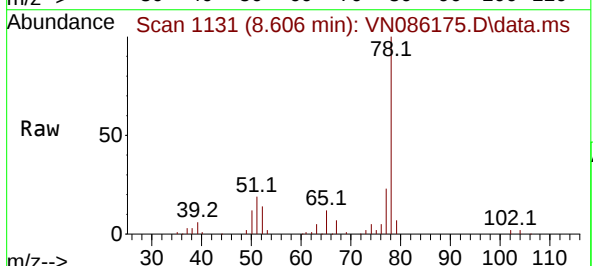
Manual Integrations
APPROVED

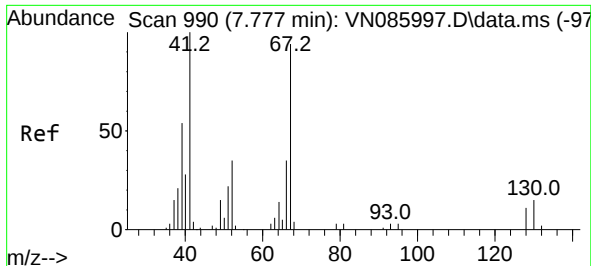
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#40
Benzene
Concen: 15.036 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

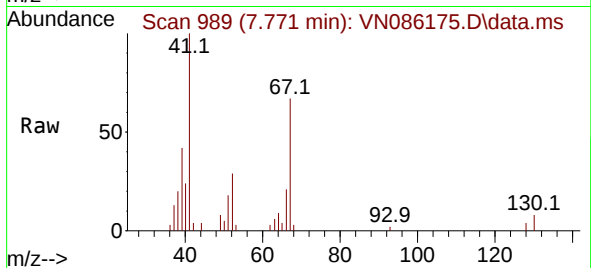
Tgt Ion: 78 Resp: 141380
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3





#41
Methacrylonitrile
Concen: 15.794 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

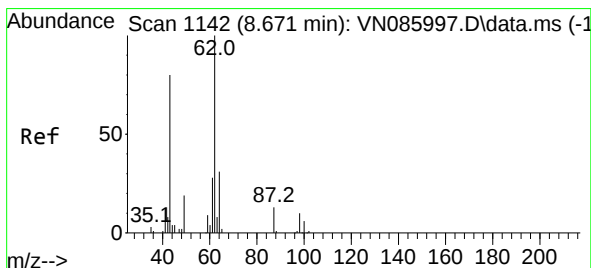
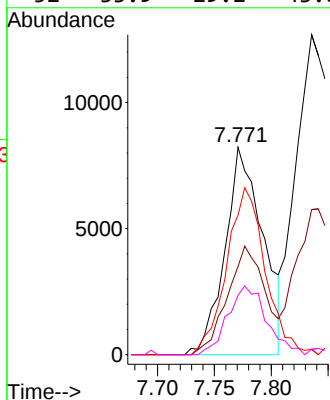
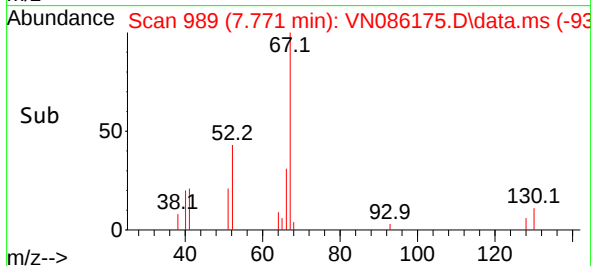
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion:	41	Resp:	1905
Ion Ratio	100	Lower	Upper
39	52.3	46.2	69.2
67	82.2	75.9	113.9
52	33.9	29.2	43.8

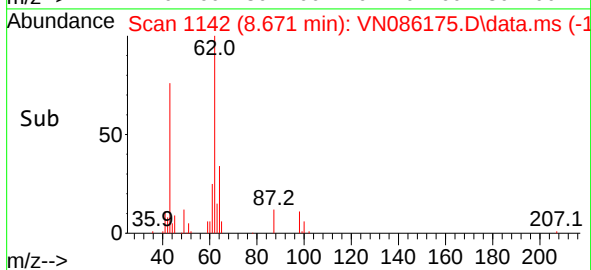
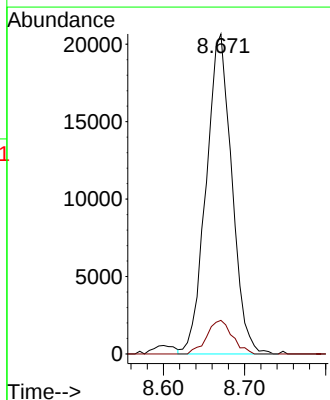
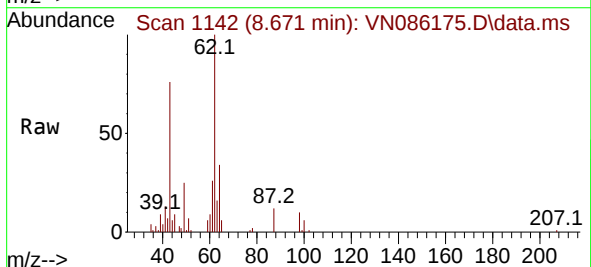
Manual Integrations
APPROVED

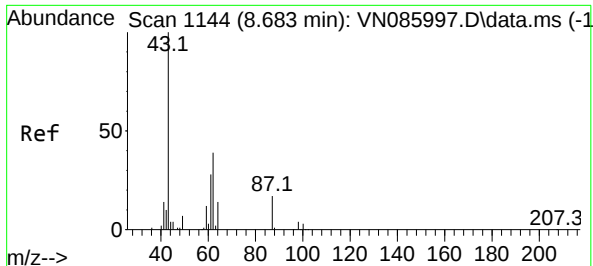
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#42
1,2-Dichloroethane
Concen: 13.852 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion:	62	Resp:	45385
Ion Ratio	100	Lower	Upper
98	10.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 11.820 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

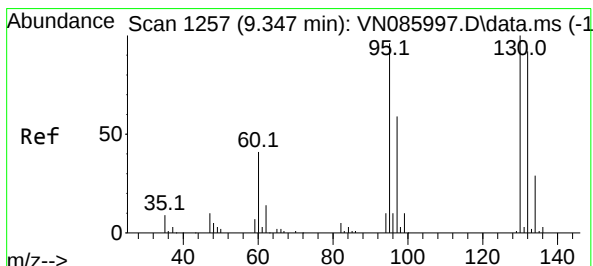
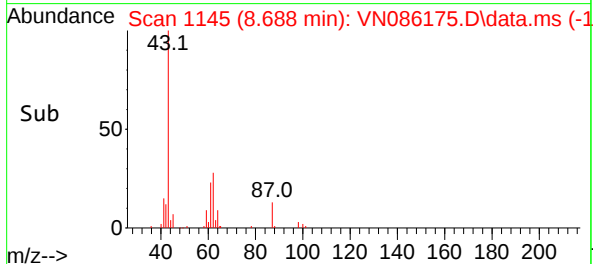
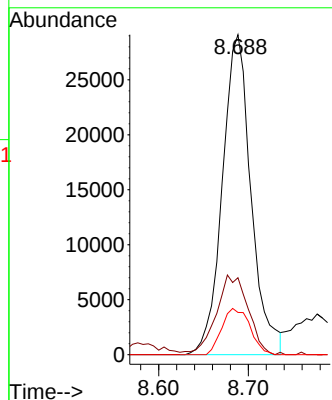
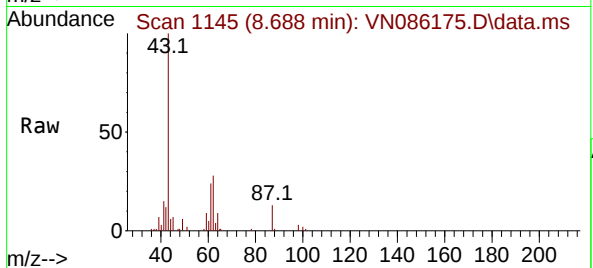
Tgt Ion:	43	Resp:	64720
Ion Ratio	Lower	Upper	
43	100		
61	27.7	25.0	37.6
87	14.2	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#44

Trichloroethene

Concen: 13.699 ug/l

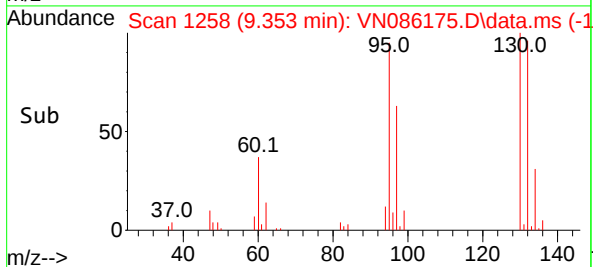
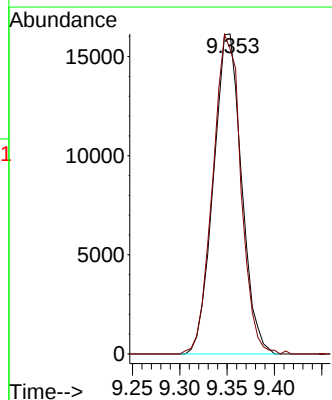
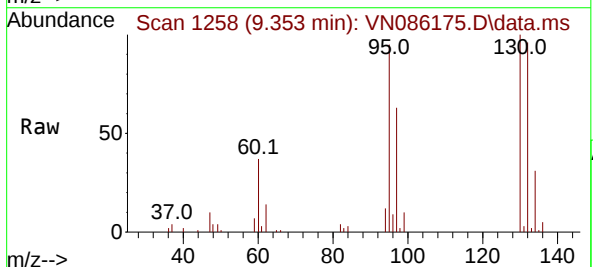
RT: 9.353 min Scan# 1258

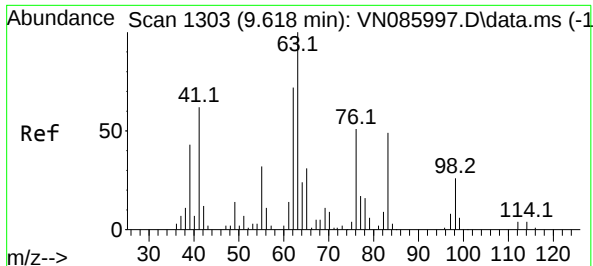
Delta R.T. 0.006 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Tgt Ion:	130	Resp:	33385
Ion Ratio	Lower	Upper	
130	100		
95	95.3	0.0	191.6





#45

1,2-Dichloropropane

Concen: 15.487 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

Tgt Ion: 63 Resp: 3312

Ion Ratio Lower Upper

63 100

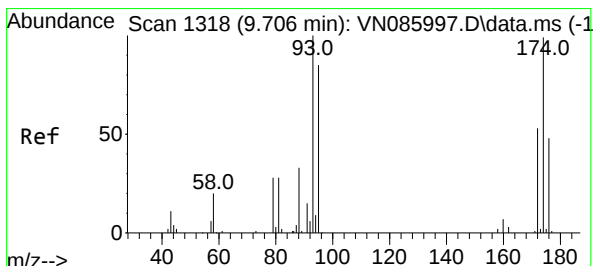
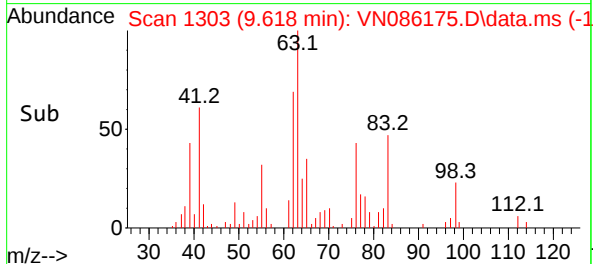
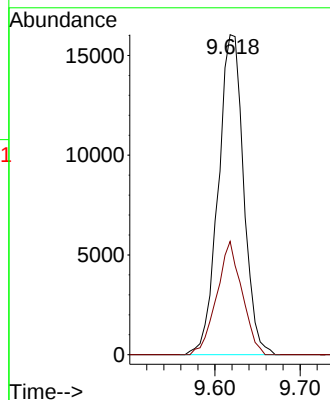
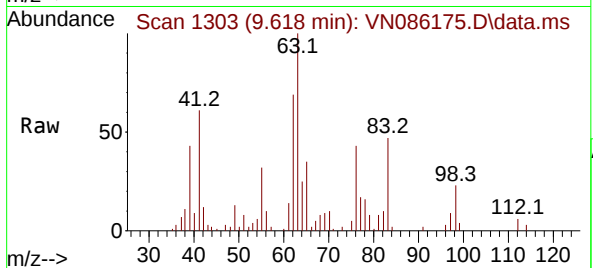
65 35.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#46

Dibromomethane

Concen: 14.462 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

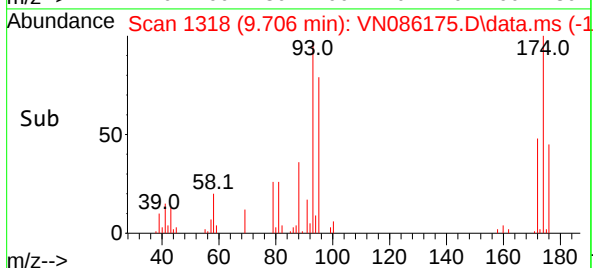
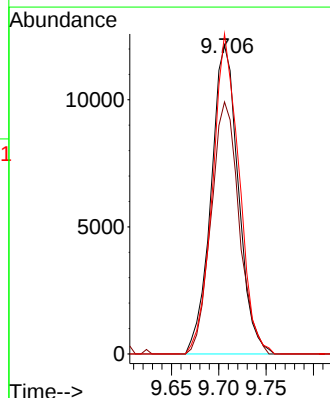
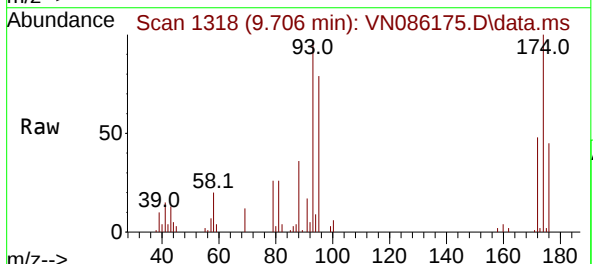
Tgt Ion: 93 Resp: 24324

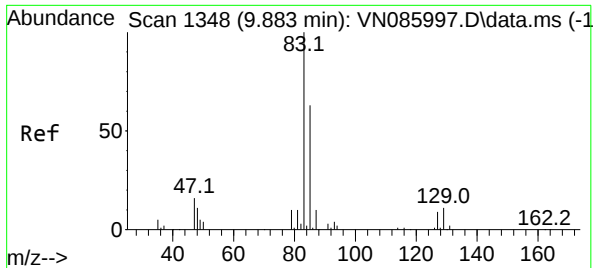
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 100.5 80.1 120.1





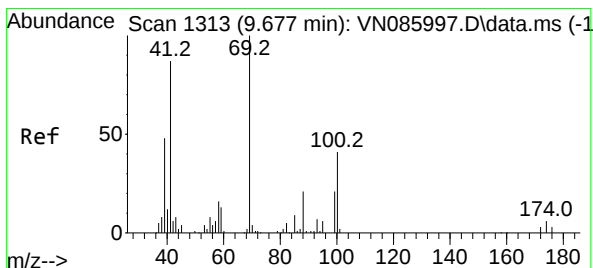
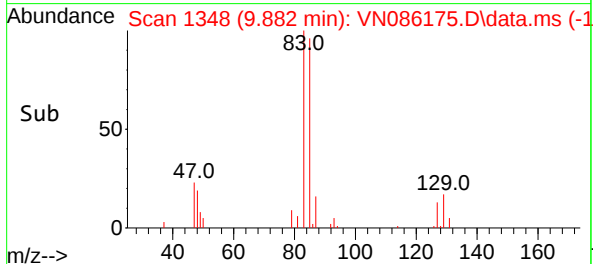
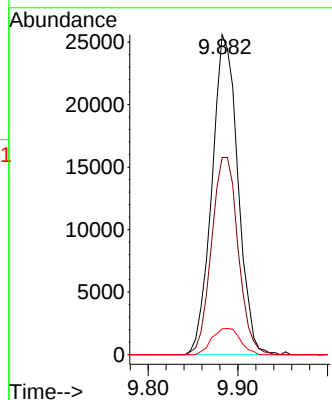
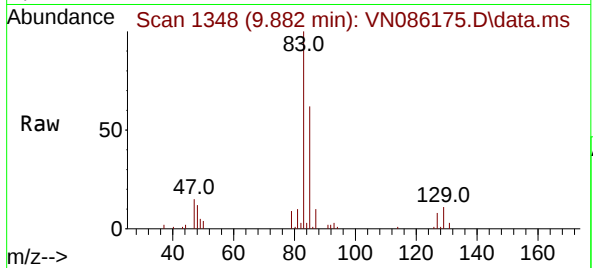
#47
Bromodichloromethane
Concen: 14.666 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 83 Resp: 51554
Ion Ratio Lower Upper
83 100
85 61.6 50.2 75.2
127 8.1 7.1 10.7

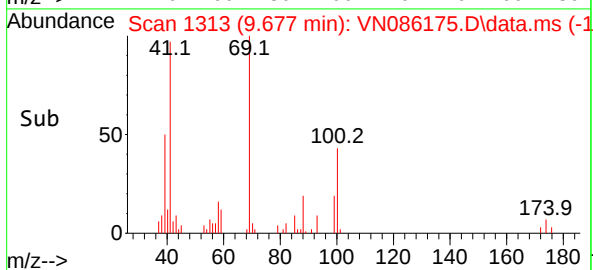
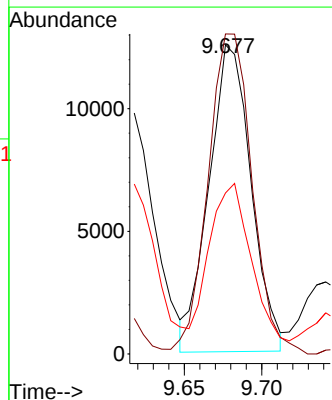
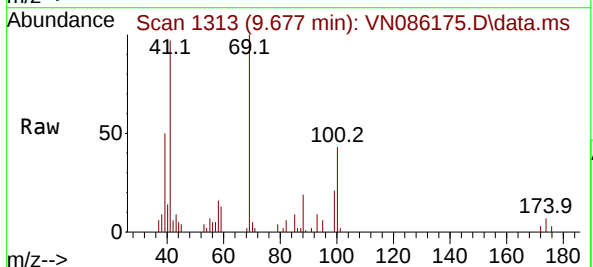
Manual Integrations
APPROVED

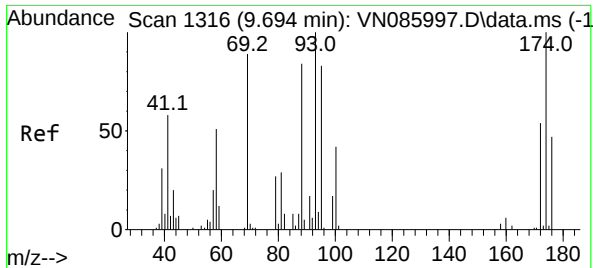
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#48
Methyl methacrylate
Concen: 13.110 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 41 Resp: 23690
Ion Ratio Lower Upper
41 100
69 108.8 83.1 124.7
39 57.9 45.6 68.4





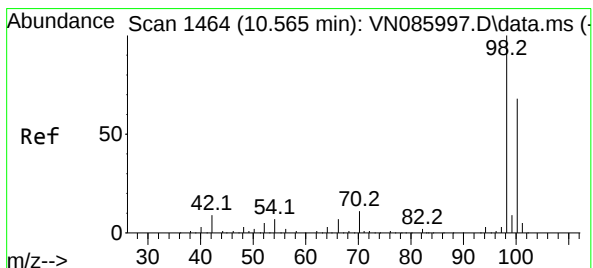
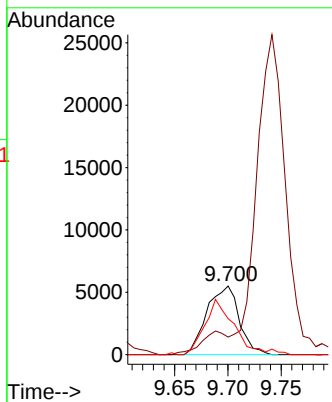
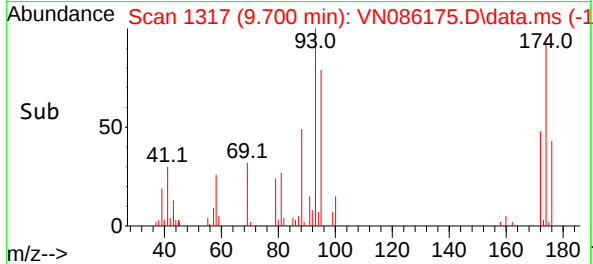
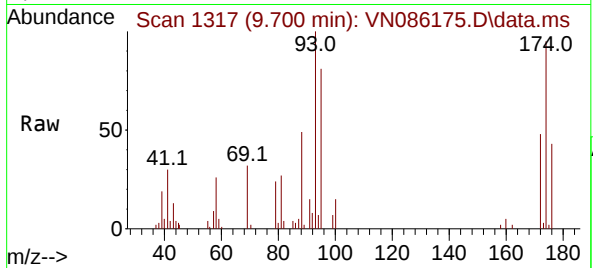
#49
 1,4-Dioxane
 Concen: 271.422 ug/l
 RT: 9.700 min Scan# 11594
 Delta R.T. 0.006 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Tgt Ion:	88	Resp:	11594
Ion Ratio	Lower	Upper	
88	100		
43	27.7	21.7	32.5
58	74.7	50.4	75.6

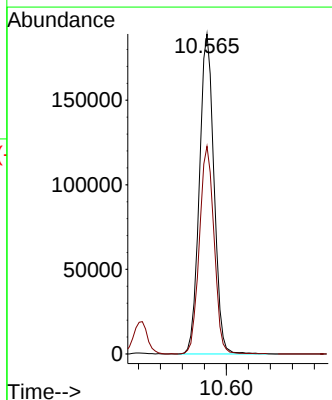
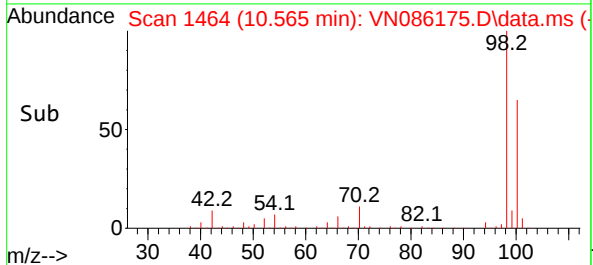
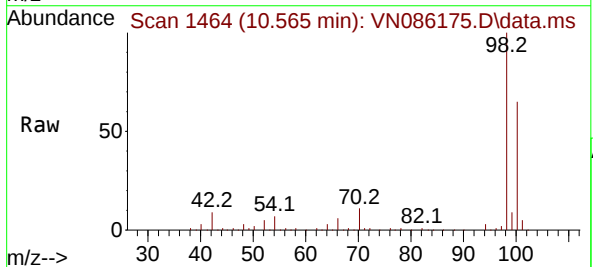
Manual Integrations
 APPROVED

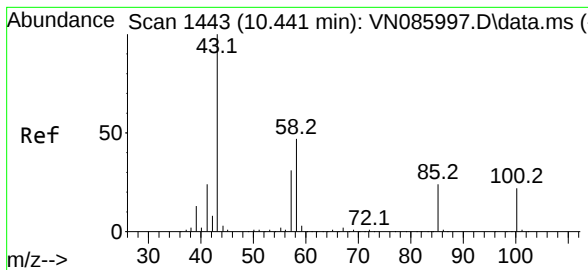
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#50
 Toluene-d8
 Concen: 42.179 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

Tgt Ion:	98	Resp:	348220
Ion Ratio	Lower	Upper	
98	100		
100	65.4	53.1	79.7





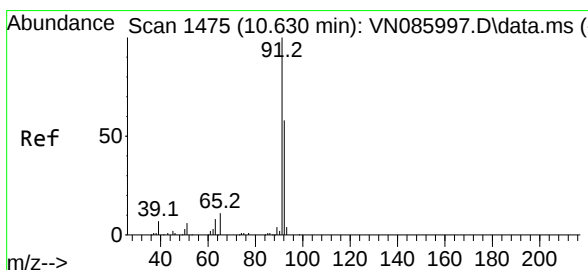
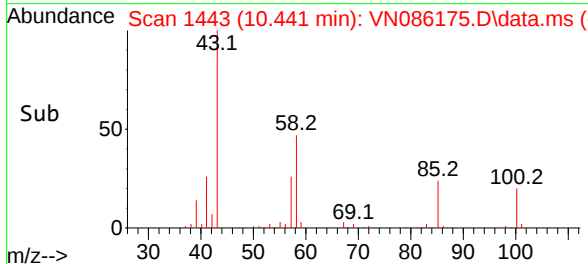
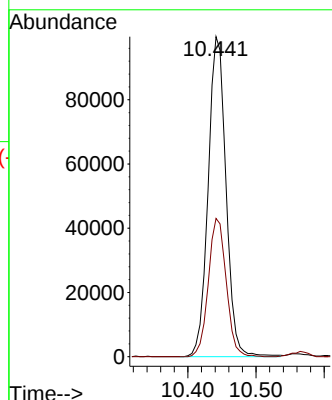
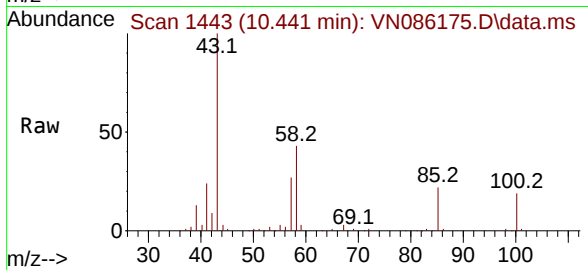
#51
4-Methyl-2-Pentanone
Concen: 75.194 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 43 Resp: 18159
Ion Ratio Lower Upper
43 100
58 43.2 37.4 56.0

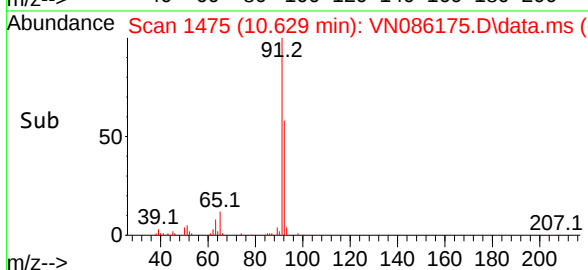
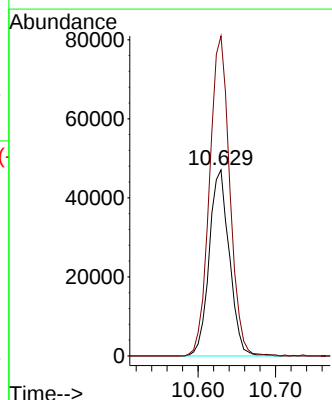
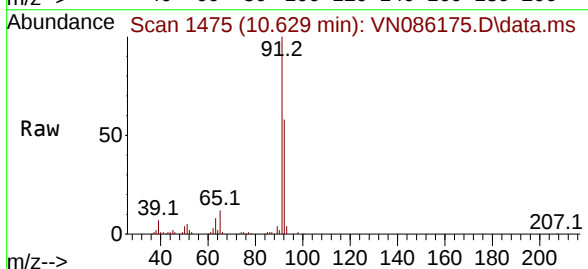
Manual Integrations
APPROVED

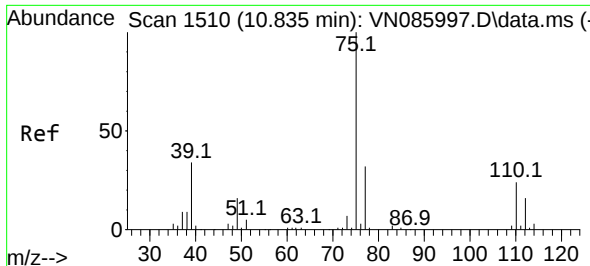
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#52
Toluene
Concen: 14.711 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

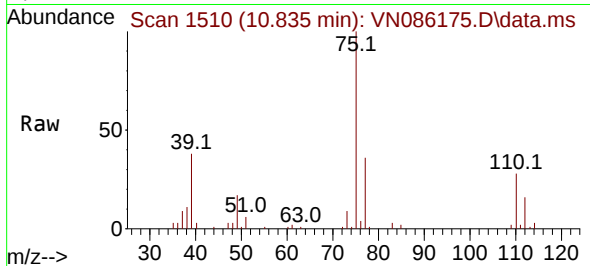
Tgt Ion: 92 Resp: 84899
Ion Ratio Lower Upper
92 100
91 173.1 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 13.613 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

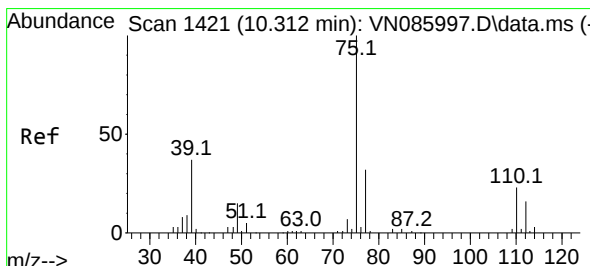
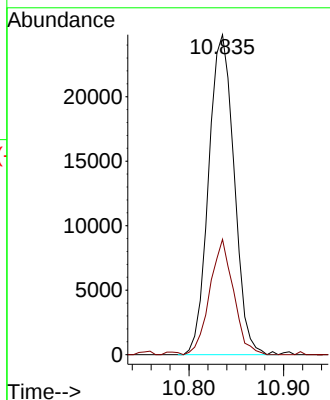
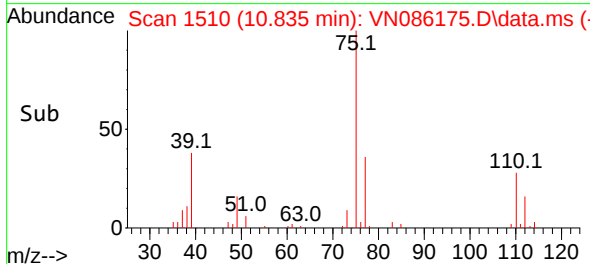
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 75 Resp: 4647
Ion Ratio Lower Upper
75 100
77 36.1 25.3 37.9

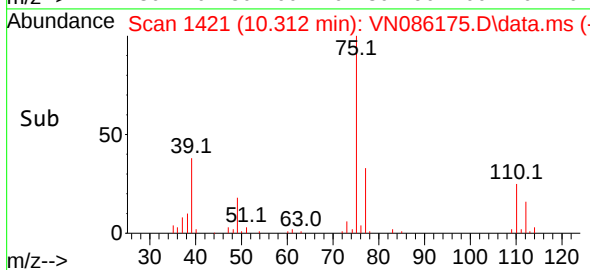
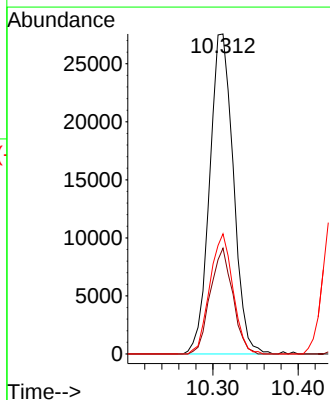
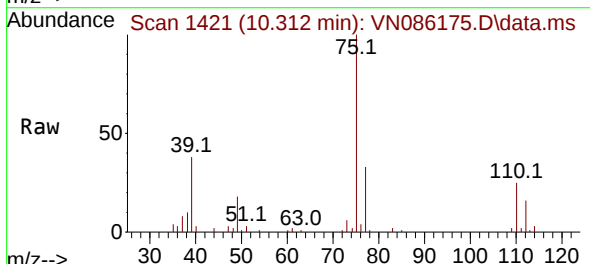
Manual Integrations
APPROVED

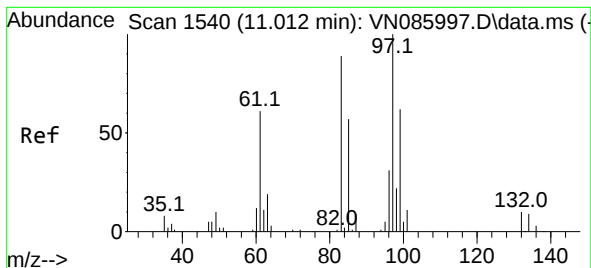
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#54
cis-1,3-Dichloropropene
Concen: 14.822 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 75 Resp: 53386
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
39 37.6 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 15.036 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

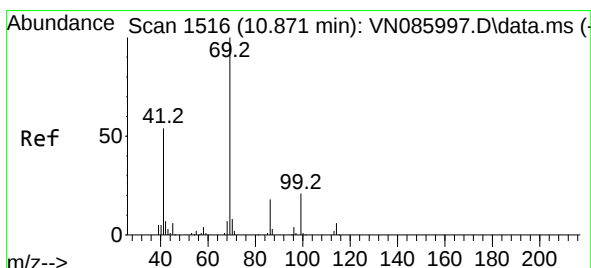
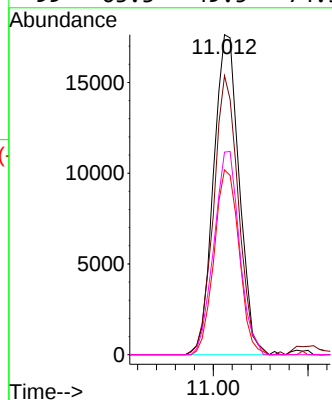
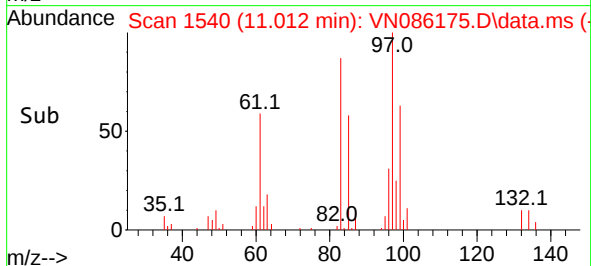
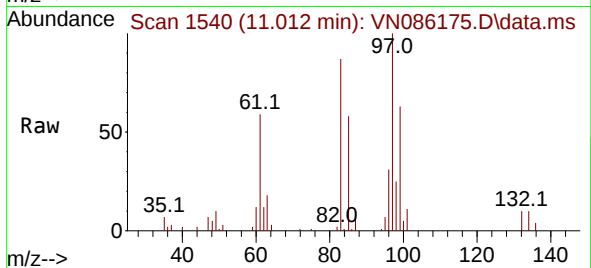
Tgt Ion: 97	Resp: 33120
Ion Ratio	Lower Upper
97 100	
83 87.2	71.2 106.8
85 57.7	45.4 68.0
99 63.3	49.5 74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#56

Ethyl methacrylate

Concen: 14.001 ug/l

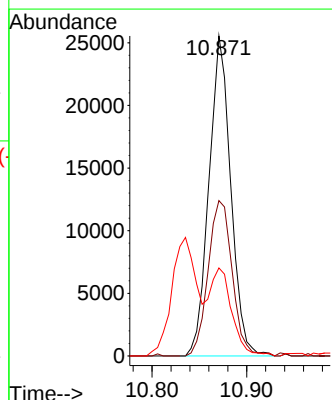
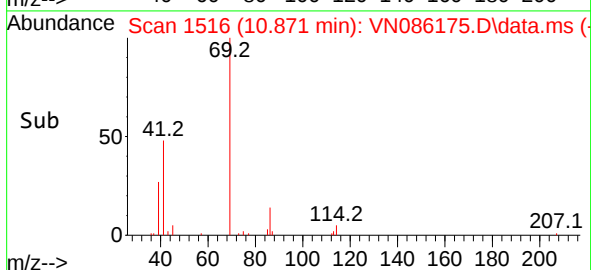
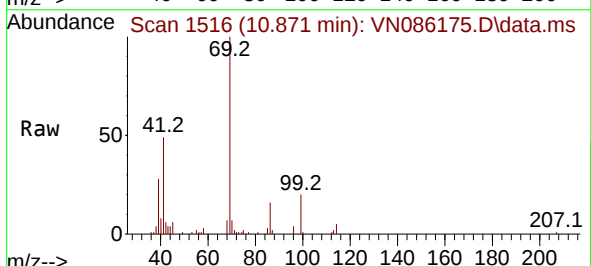
RT: 10.871 min Scan# 1516

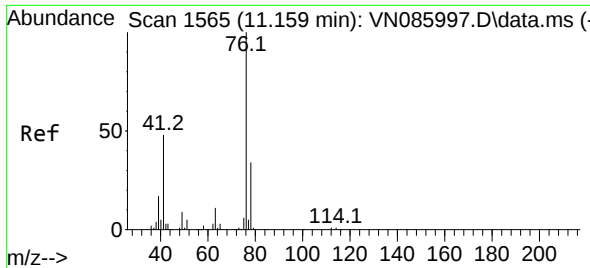
Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Tgt Ion: 69	Resp: 40849
Ion Ratio	Lower Upper
69 100	
41 53.7	41.6 62.4
39 28.8	21.8 32.8





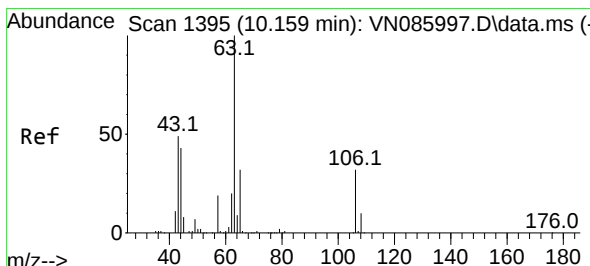
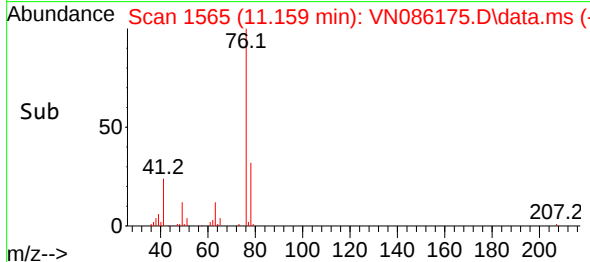
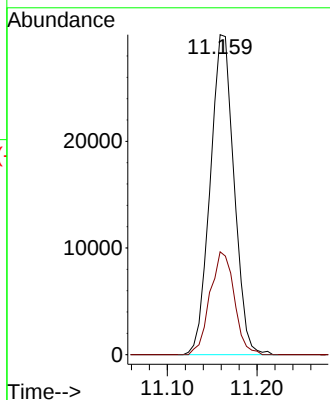
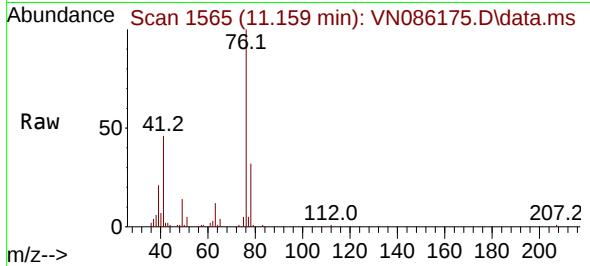
#57
1,3-Dichloropropane
Concen: 14.793 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 76 Resp: 5534
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

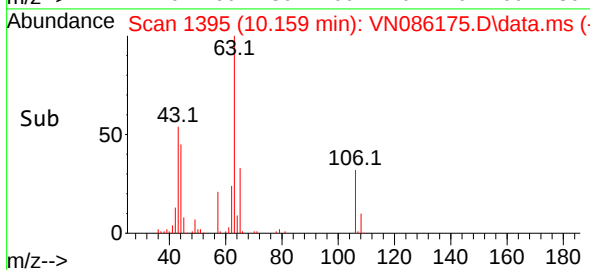
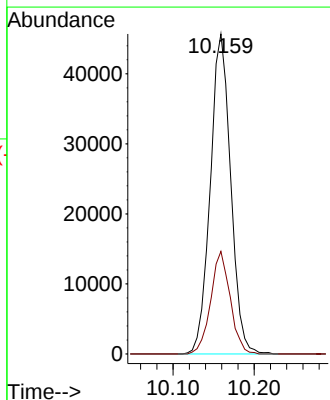
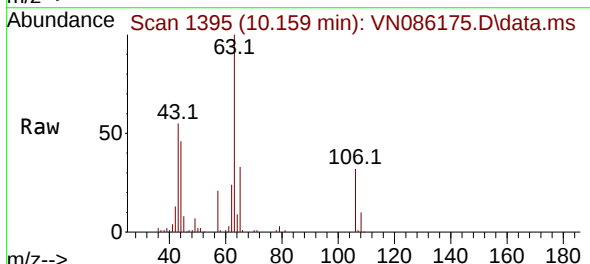
Manual Integrations
APPROVED

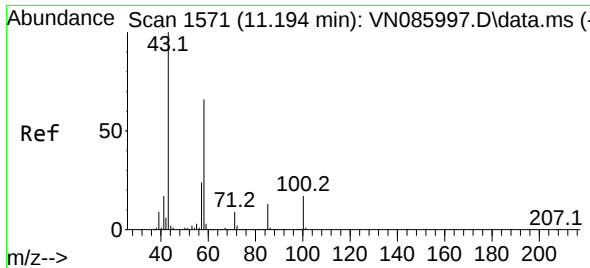
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 72.996 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

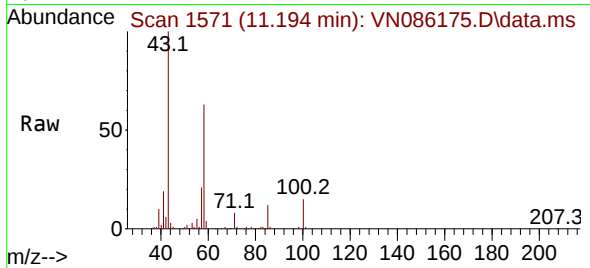
Tgt Ion: 63 Resp: 79800
Ion Ratio Lower Upper
63 100
106 30.6 25.0 37.6





#59
2-Hexanone
Concen: 71.349 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

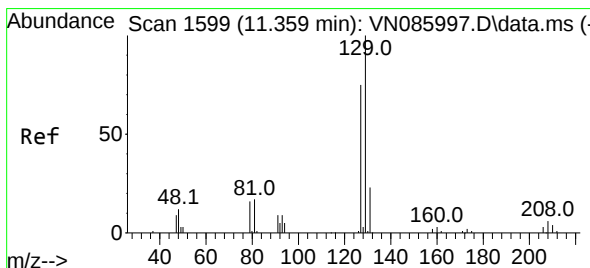
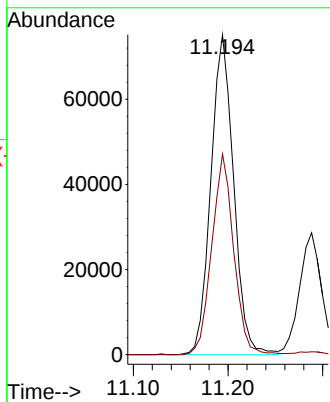
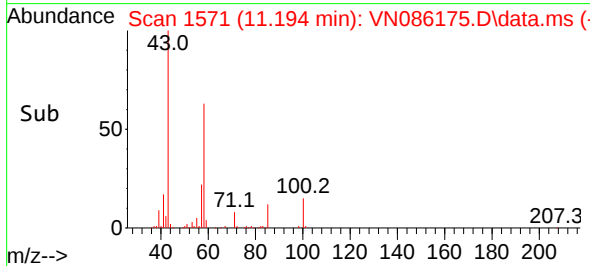
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 43 Resp: 12552
Ion Ratio Lower Upper
43 100
58 60.5 32.4 97.2

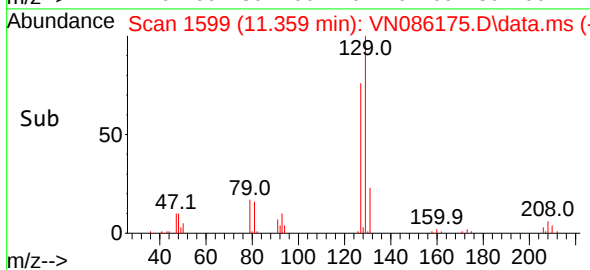
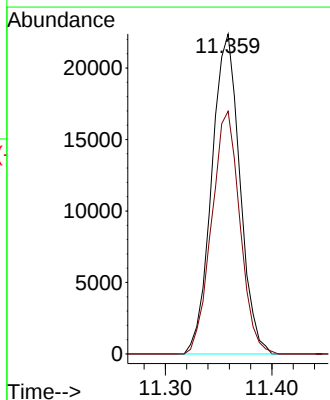
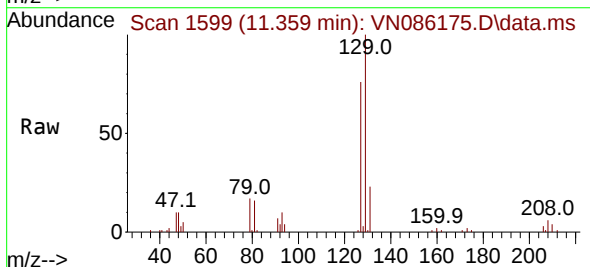
Manual Integrations
APPROVED

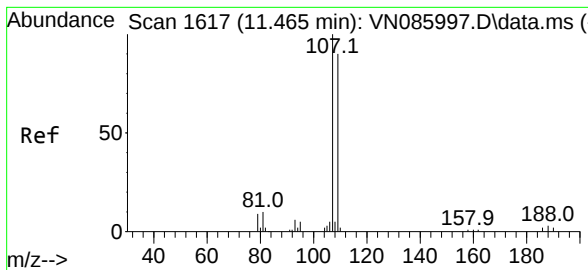
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#60
Dibromochloromethane
Concen: 14.436 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion:129 Resp: 41033
Ion Ratio Lower Upper
129 100
127 76.1 37.8 113.4





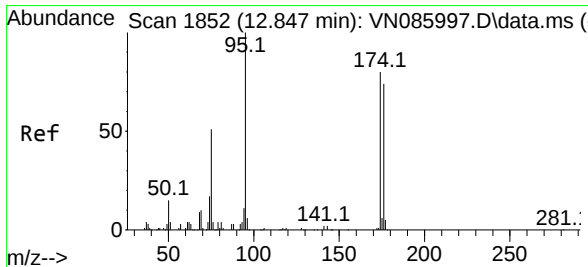
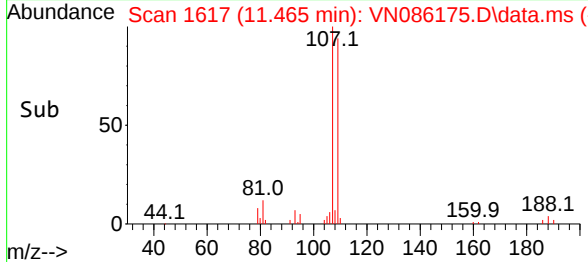
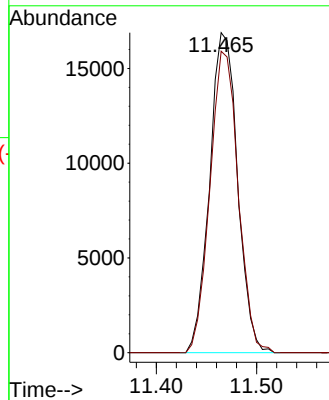
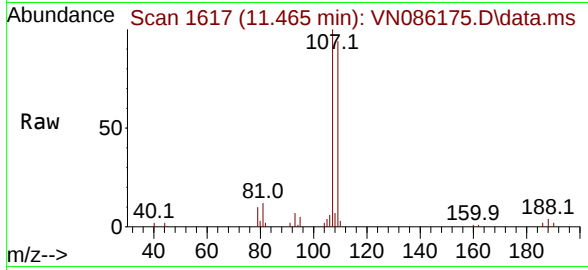
#61
1,2-Dibromoethane
Concen: 14.447 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion:107 Resp: 32670
Ion Ratio Lower Upper
107 100
109 95.1 73.3 109.9

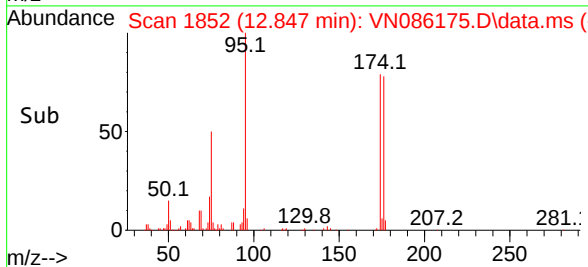
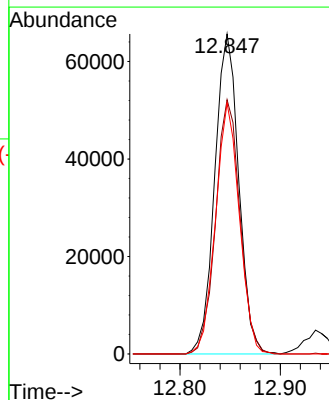
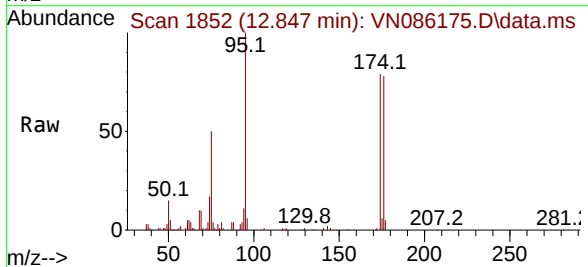
Manual Integrations
APPROVED

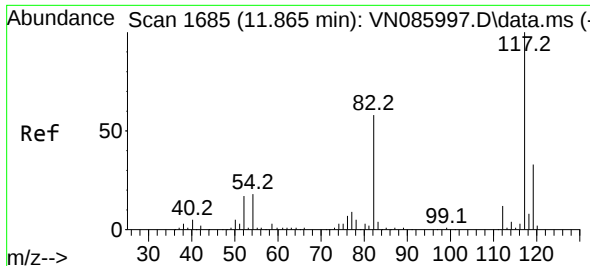
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#62
4-Bromofluorobenzene
Concen: 37.082 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

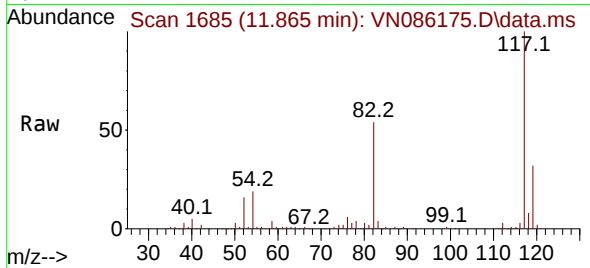
Tgt Ion: 95 Resp: 109180
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.8
176 77.7 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

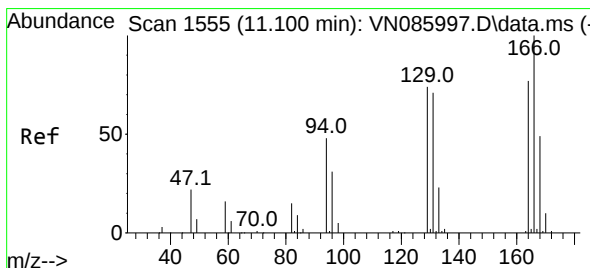
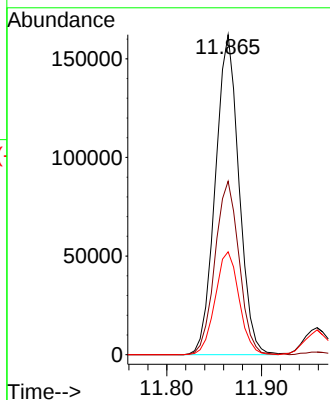
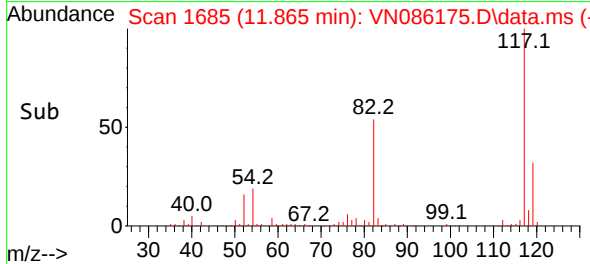
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



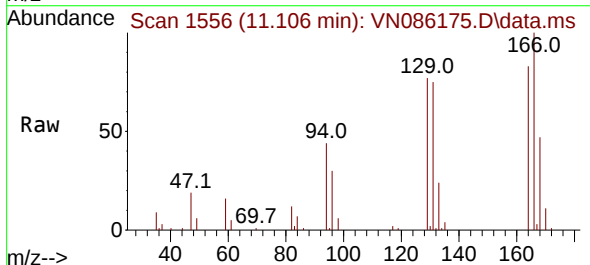
Tgt Ion:117 Resp: 28129
Ion Ratio Lower Upper
117 100
82 54.2 46.7 70.1
119 32.2 26.5 39.7

Manual Integrations
APPROVED

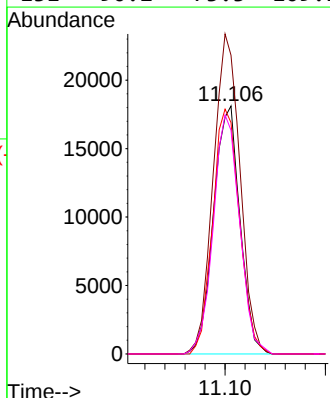
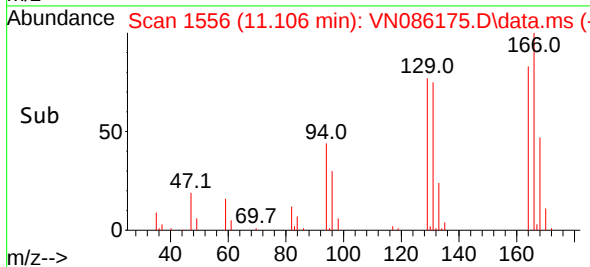
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

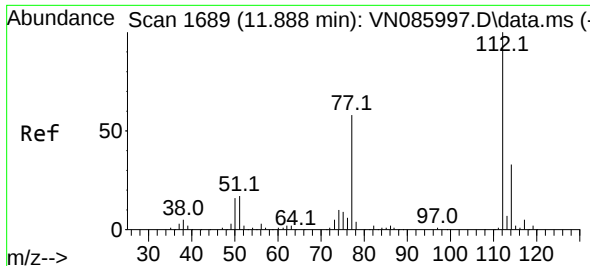


#64
Tetrachloroethene
Concen: 14.779 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



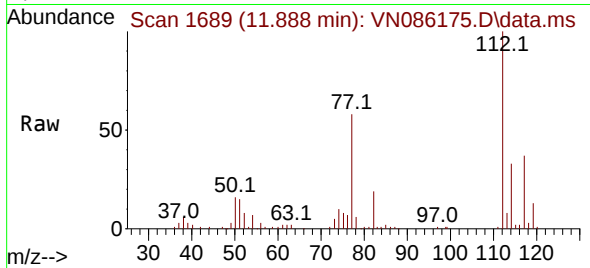
Tgt Ion:164 Resp: 33162
Ion Ratio Lower Upper
164 100
166 120.4 103.7 155.5
129 93.2 77.1 115.7
131 90.2 73.3 109.9





#65
Chlorobenzene
Concen: 14.155 ug/l
RT: 11.888 min Scan# 11110
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

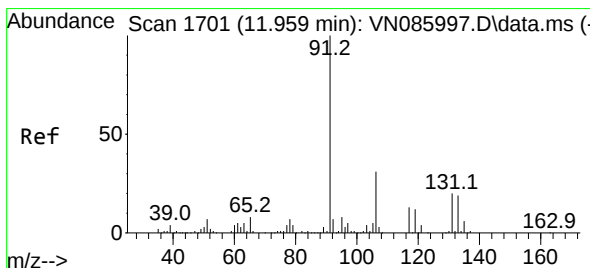
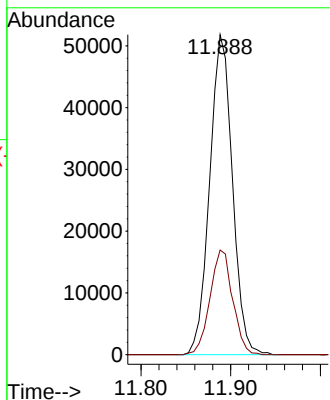
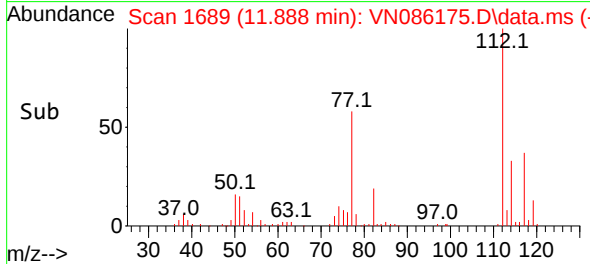
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion:112 Resp: 91110
Ion Ratio Lower Upper
112 100
114 32.7 26.3 39.5

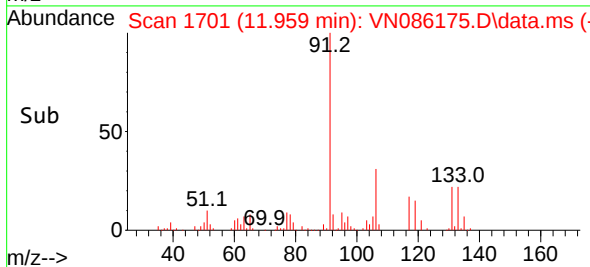
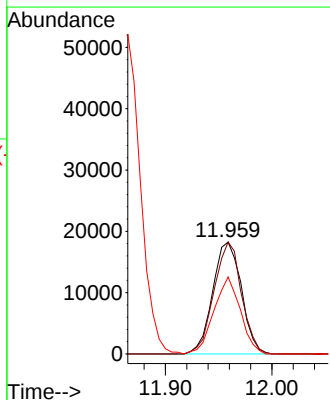
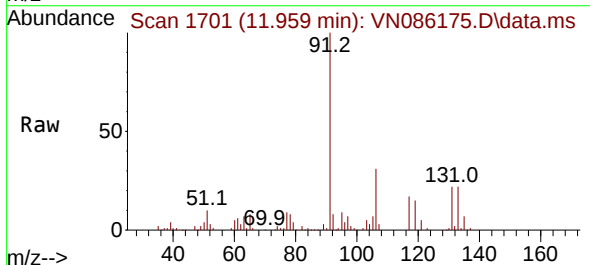
Manual Integrations
APPROVED

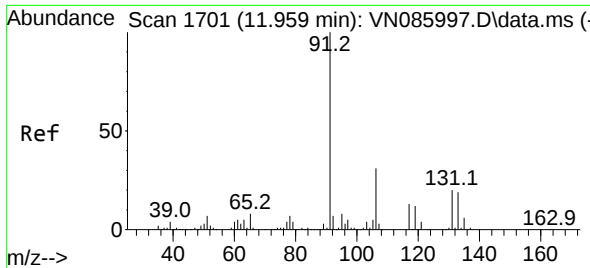
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 14.248 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

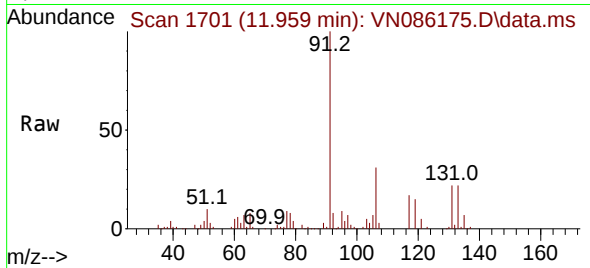
Tgt Ion:131 Resp: 34093
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.0
119 63.6 31.4 94.0





#67
Ethyl Benzene
Concen: 13.433 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

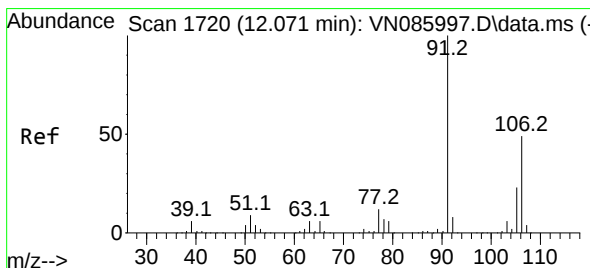
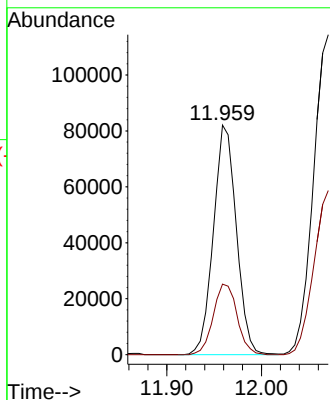
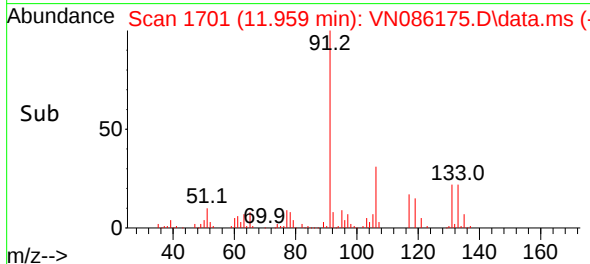
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



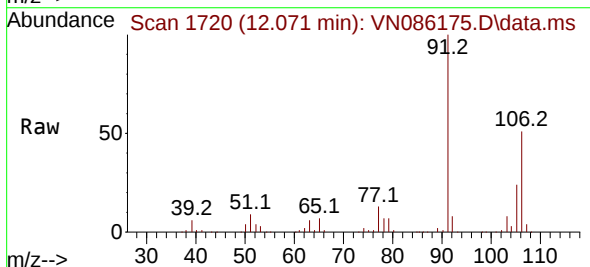
Tgt Ion: 91 Resp: 138300
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7

Manual Integrations
APPROVED

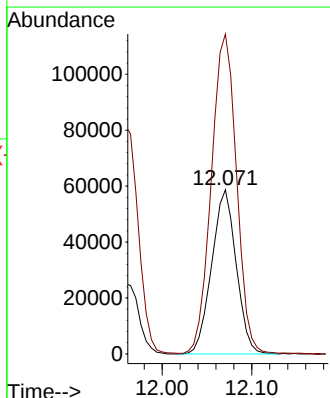
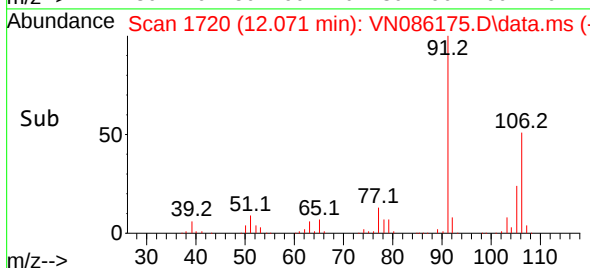
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

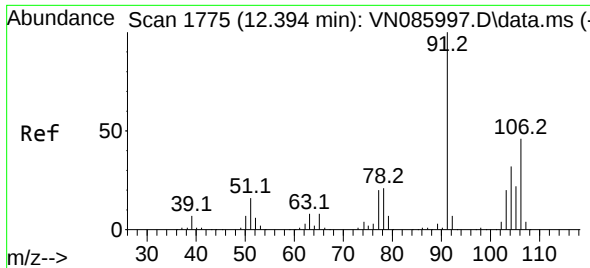


#68
m/p-Xylenes
Concen: 27.486 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



Tgt Ion:106 Resp: 111233
Ion Ratio Lower Upper
106 100
91 200.8 163.9 245.9





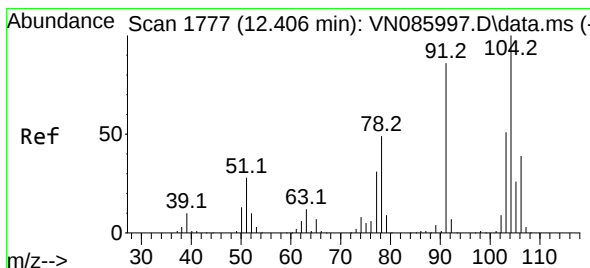
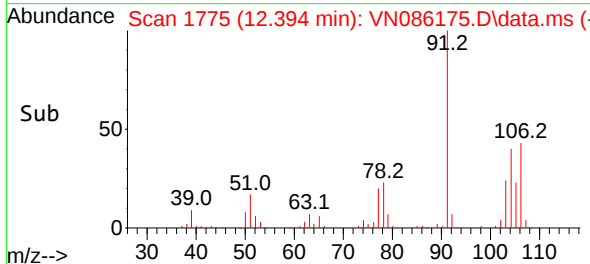
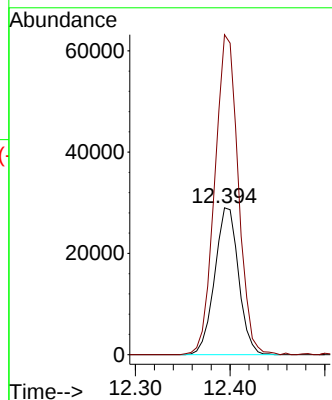
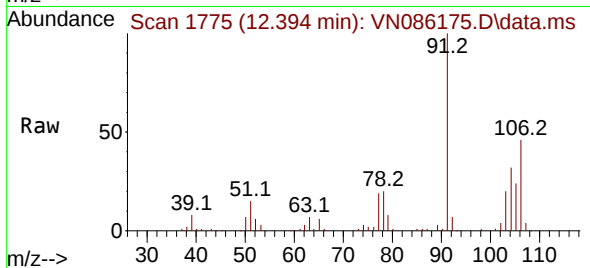
#69
o-Xylene
Concen: 13.685 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion:106 Resp: 50830
Ion Ratio Lower Upper
106 100
91 214.7 109.1 327.2

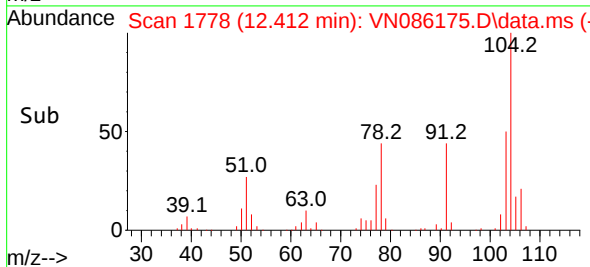
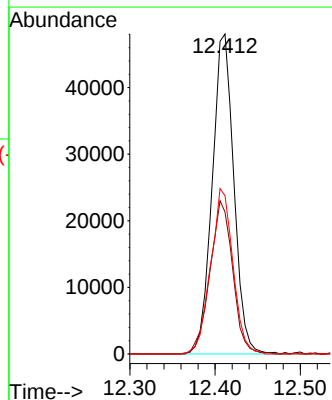
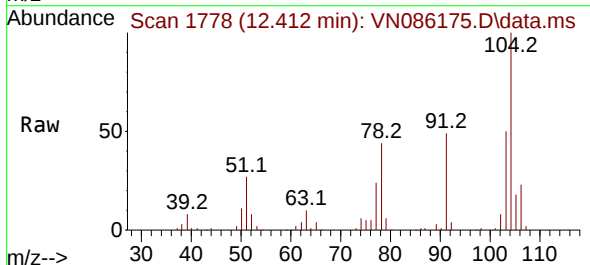
Manual Integrations
APPROVED

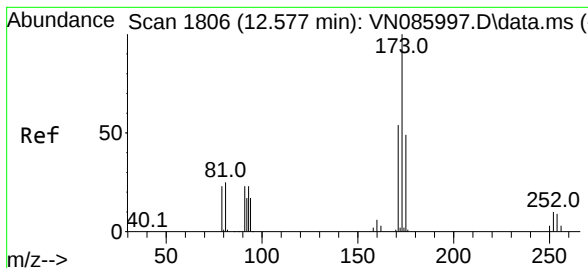
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#70
Styrene
Concen: 13.382 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion:104 Resp: 84900
Ion Ratio Lower Upper
104 100
78 50.2 41.4 62.2
103 53.4 42.9 64.3





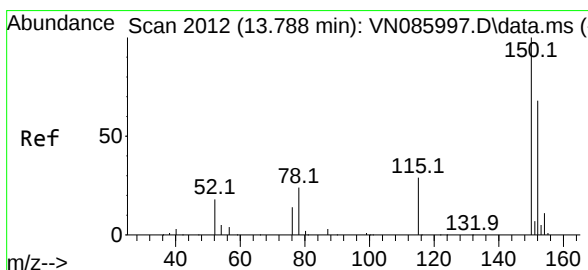
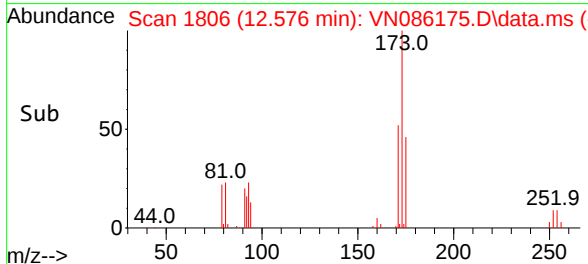
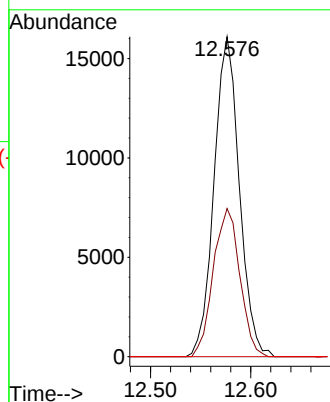
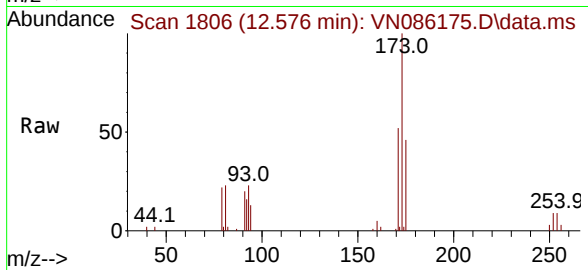
#71
Bromoform
Concen: 14.087 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion:173 Resp: 2817
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0

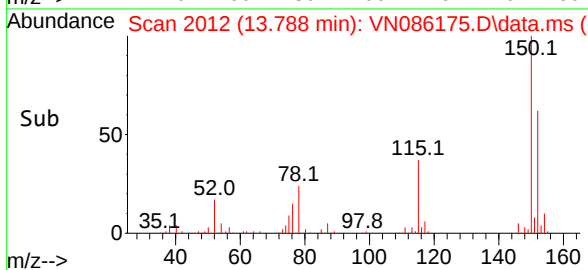
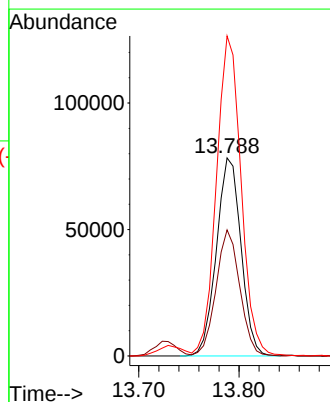
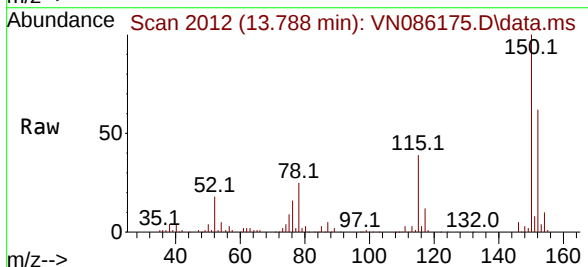
Manual Integrations
APPROVED

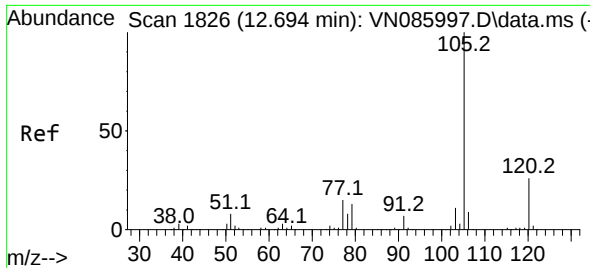
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

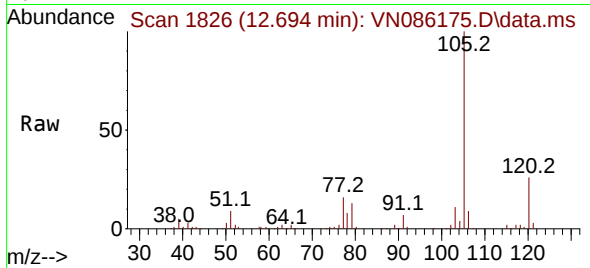
Tgt Ion:152 Resp: 133357
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 162.1 0.0 359.6





#73
Isopropylbenzene
Concen: 13.621 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

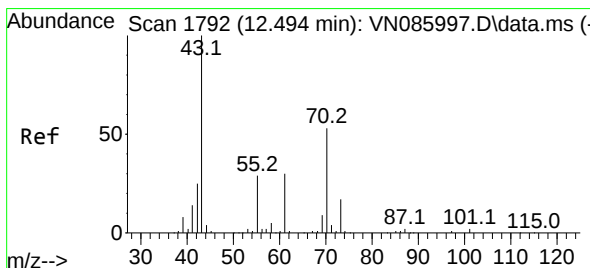
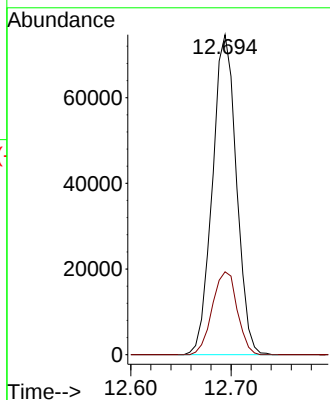
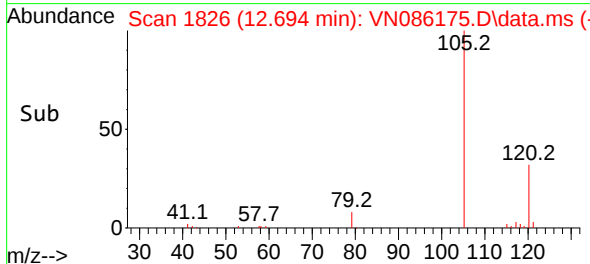
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



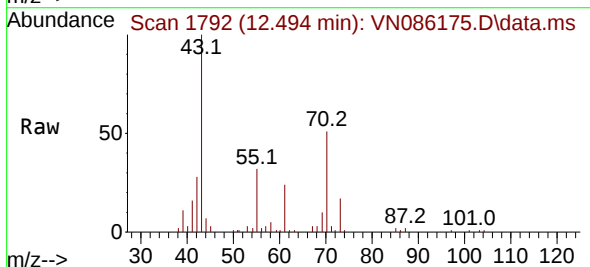
Tgt Ion:105 Resp: 12404
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

Manual Integrations
APPROVED

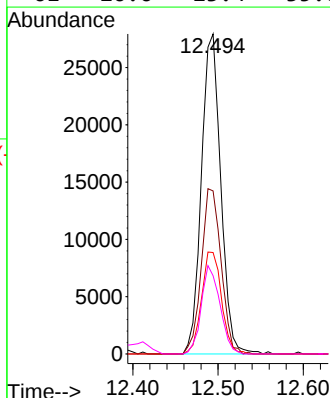
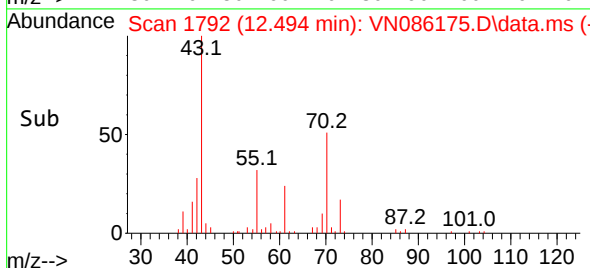
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

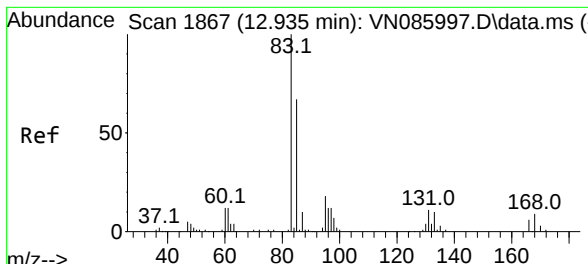


#74
N-ethyl acetate
Concen: 14.483 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



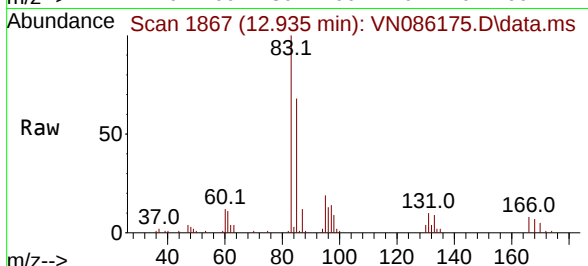
Tgt Ion: 43 Resp: 44126
Ion Ratio Lower Upper
43 100
70 52.7 43.0 64.4
55 32.8 23.8 35.8
61 26.6 23.4 35.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 14.696 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

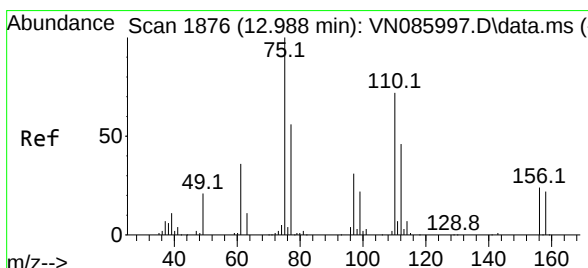
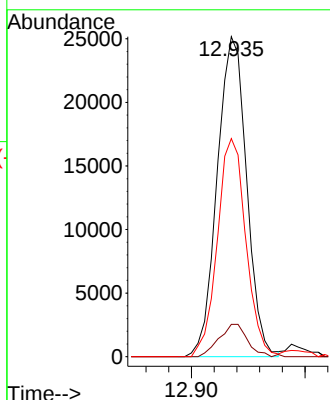
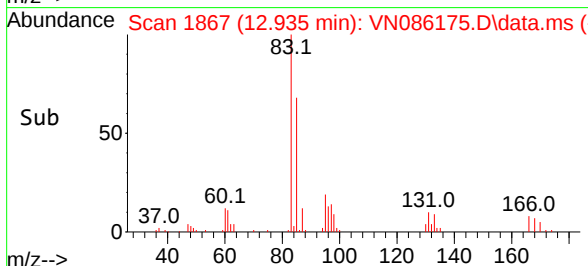
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01



Tgt Ion: 83 Resp: 45270
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 66.0 32.6 97.8

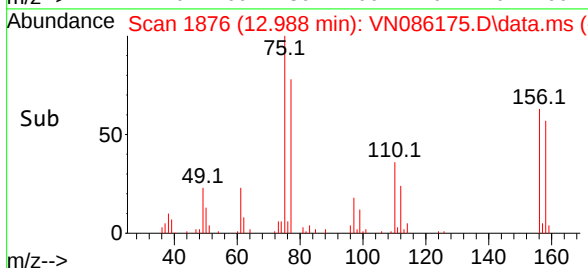
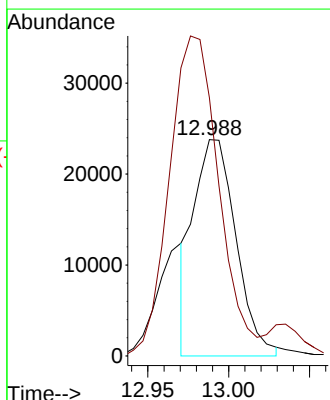
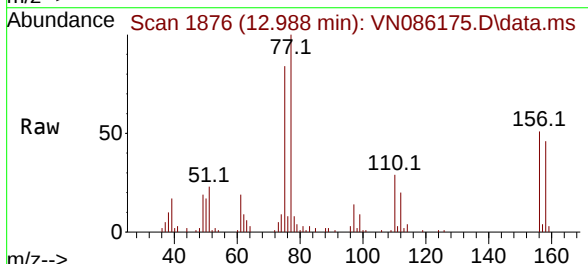
Manual Integrations
 APPROVED

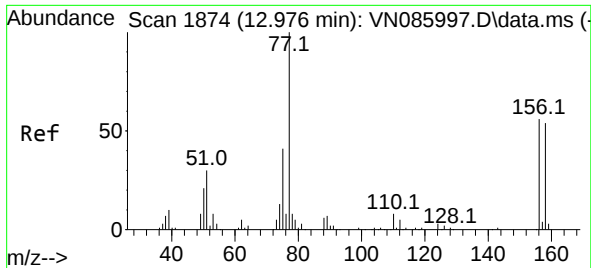
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#76
 1,2,3-Trichloropropane
 Concen: 14.450 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086175.D
 Acq: 31 Mar 2025 17:26

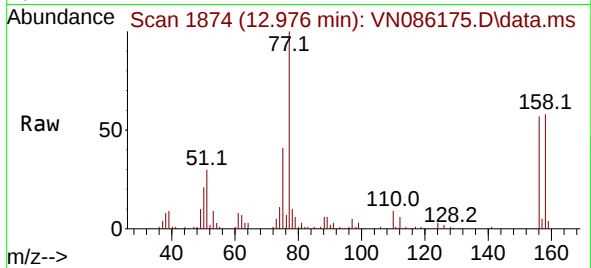
Tgt Ion: 75 Resp: 43141
 Ion Ratio Lower Upper
 75 100
 77 172.9 83.7 251.0





#77
Bromobenzene
Concen: 14.387 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

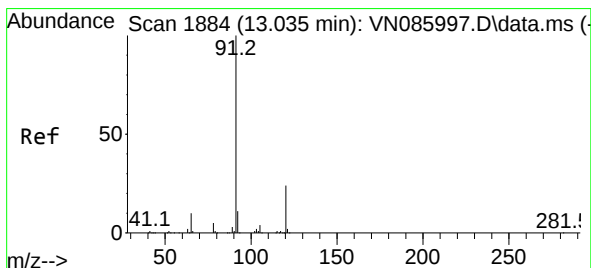
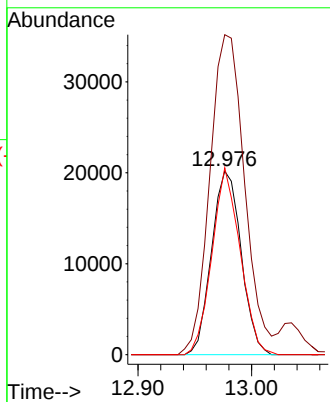
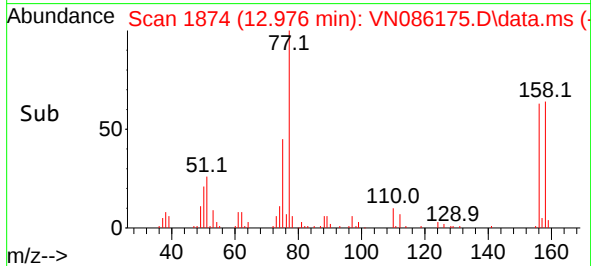
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



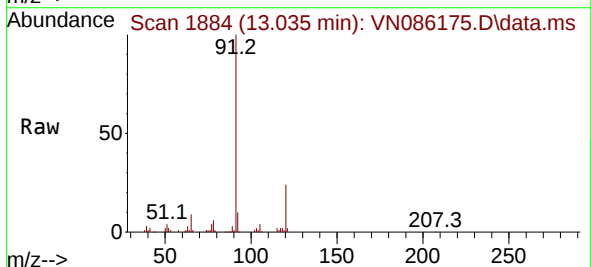
Tgt Ion:156 Resp: 3653
Ion Ratio Lower Upper
156 100
77 204.2 104.1 312.3
158 97.0 49.0 147.0

Manual Integrations
APPROVED

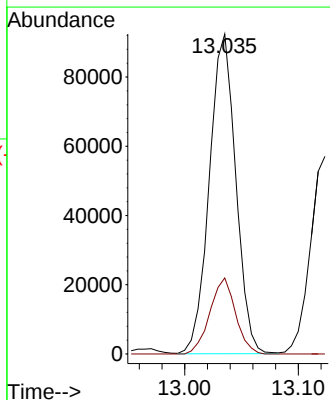
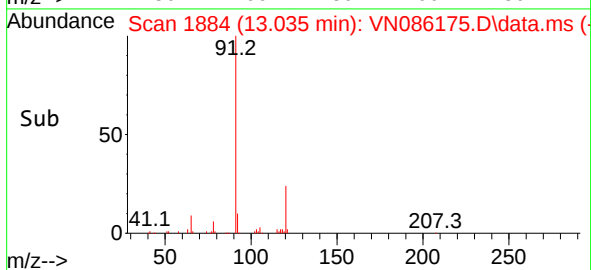
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

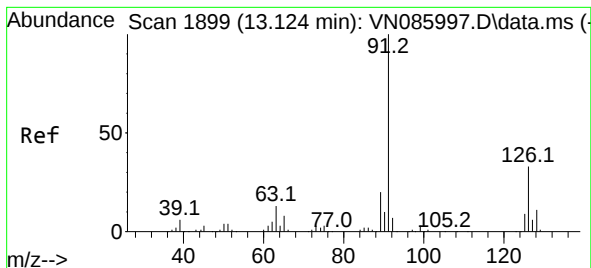


#78
n-propylbenzene
Concen: 14.511 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



Tgt Ion: 91 Resp: 149638
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.0





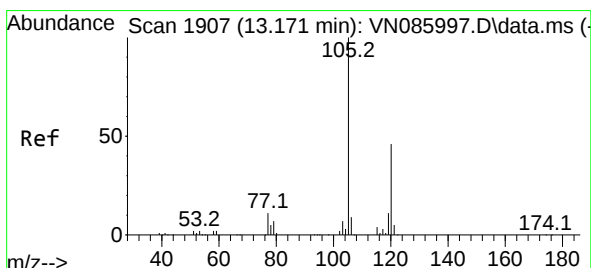
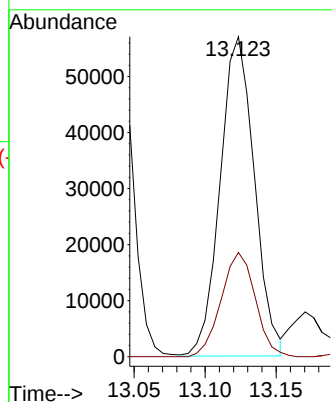
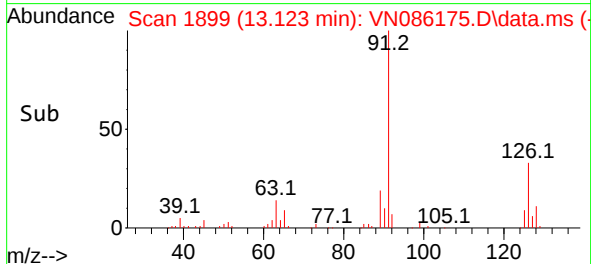
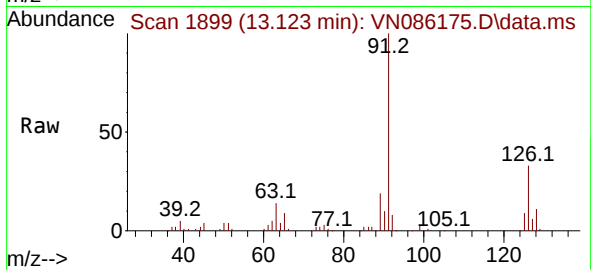
#79
2-Chlorotoluene
Concen: 13.960 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 91 Resp: 9561
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.2

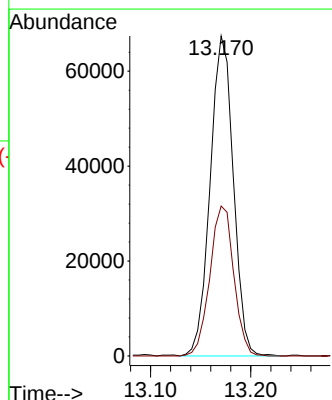
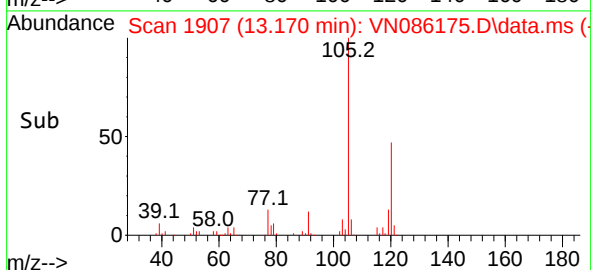
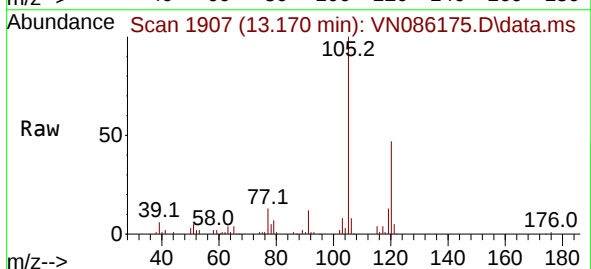
Manual Integrations
APPROVED

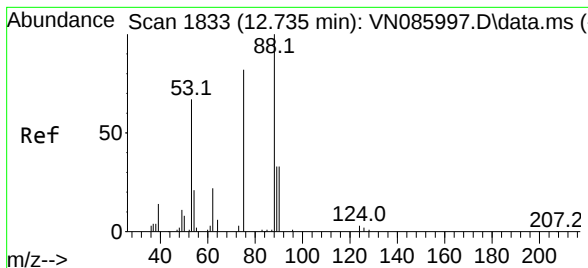
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 14.102 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

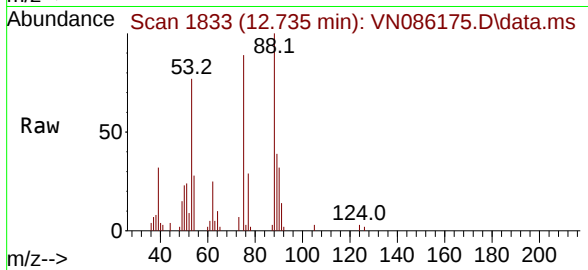
Tgt Ion:105 Resp: 108428
Ion Ratio Lower Upper
105 100
120 48.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 14.218 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

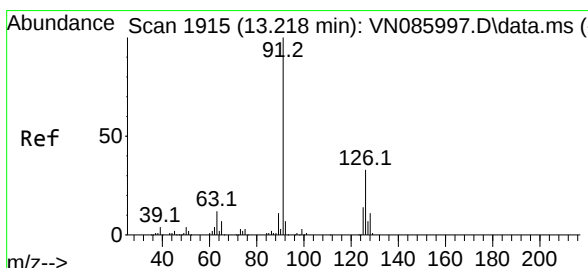
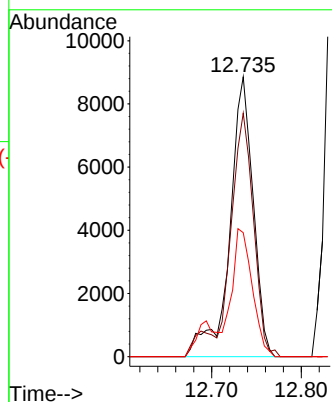
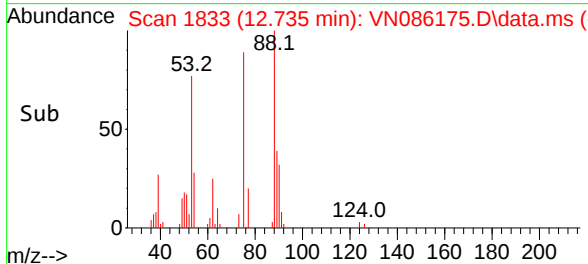
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



Tgt Ion: 75 Resp: 16050
Ion Ratio Lower Upper
75 100
53 80.6 66.0 99.0
89 39.4 36.9 55.3

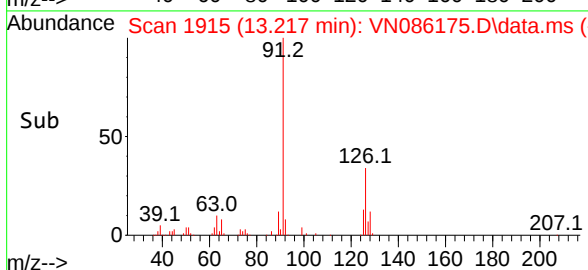
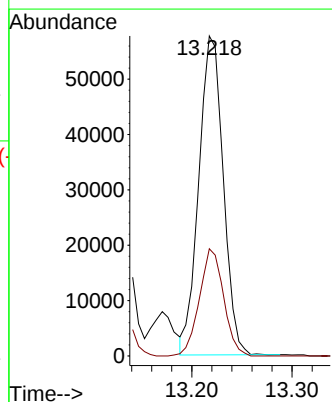
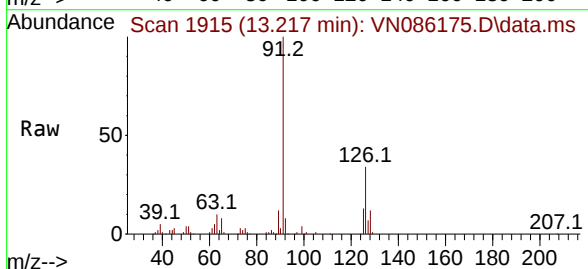
Manual Integrations
APPROVED

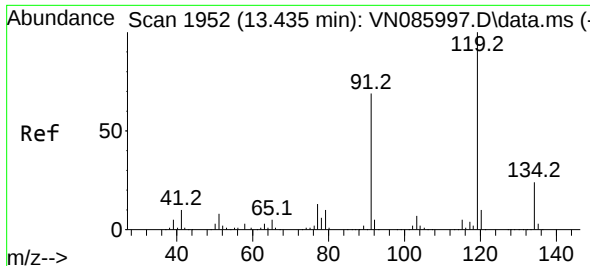
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#82
4-Chlorotoluene
Concen: 13.883 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

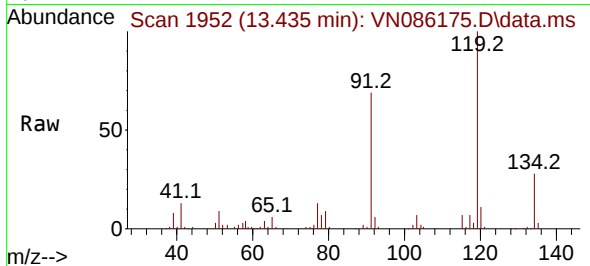
Tgt Ion: 91 Resp: 97788
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2





#83
tert-Butylbenzene
Concen: 12.988 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

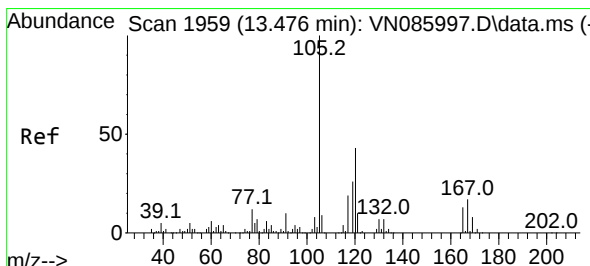
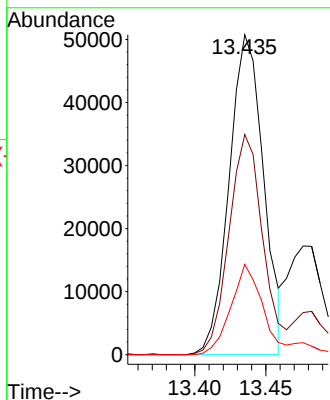
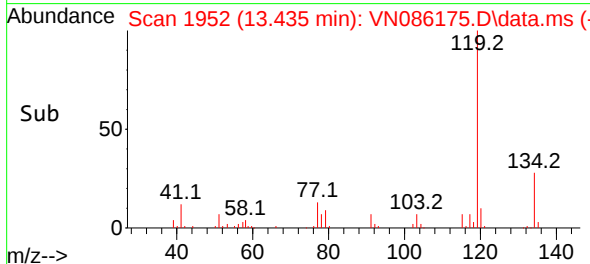
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



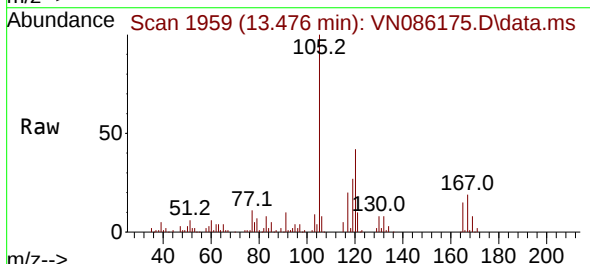
Tgt Ion:119 Resp: 85400
Ion Ratio Lower Upper
119 100
91 68.2 34.3 102.9
134 25.9 13.5 40.5

Manual Integrations
APPROVED

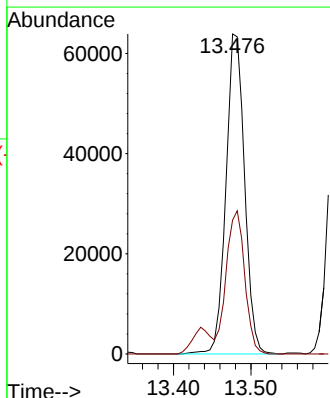
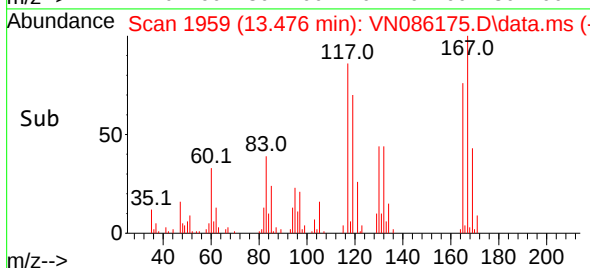
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

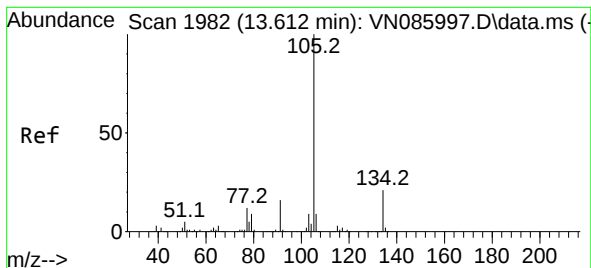


#84
1,2,4-Trimethylbenzene
Concen: 13.785 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



Tgt Ion:105 Resp: 106898
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 14.659 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

Tgt Ion:105 Resp: 125750

Ion Ratio Lower Upper

105 100

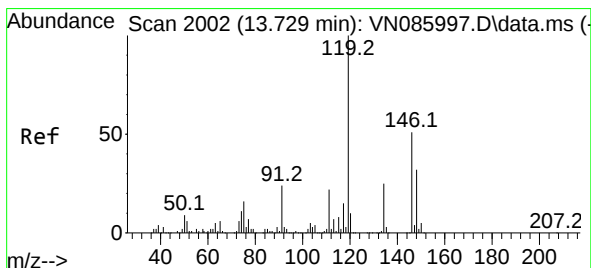
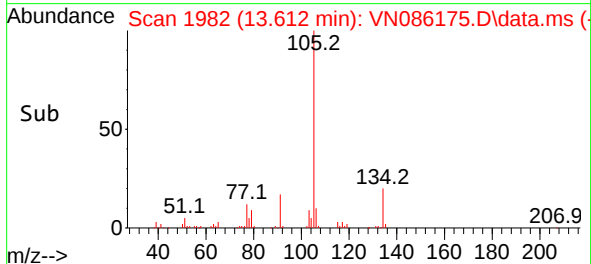
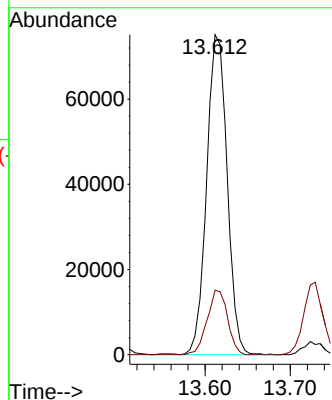
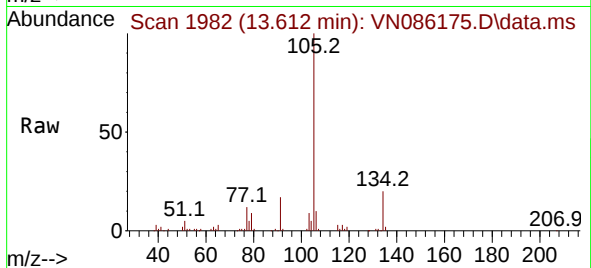
134 20.0 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#86

p-Isopropyltoluene

Concen: 13.735 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

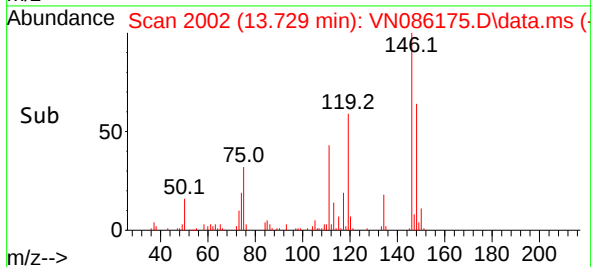
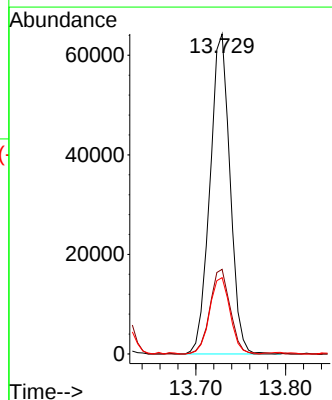
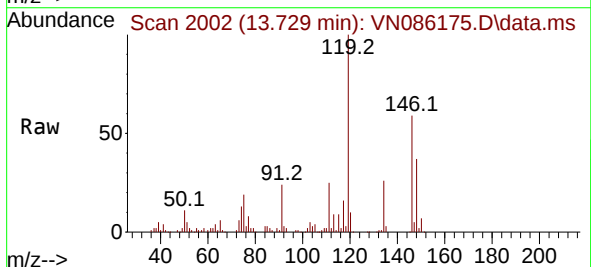
Tgt Ion:119 Resp: 99740

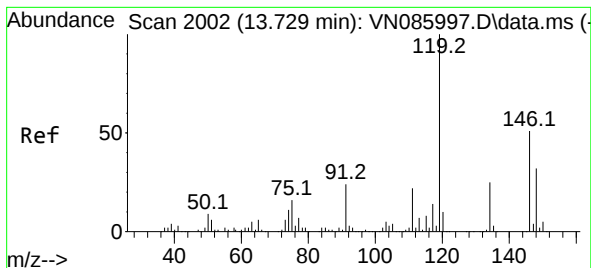
Ion Ratio Lower Upper

119 100

134 26.7 12.6 37.8

91 24.4 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 14.174 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

Tgt Ion:146 Resp: 64870

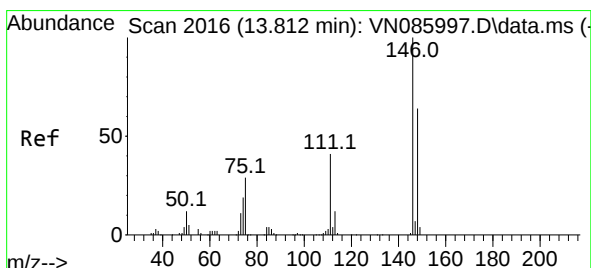
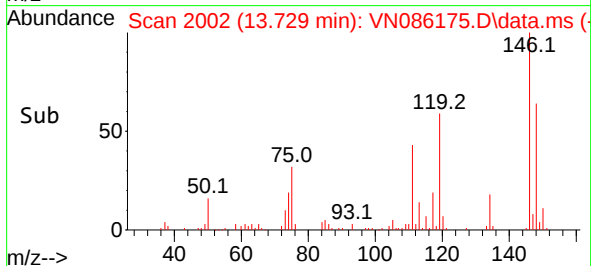
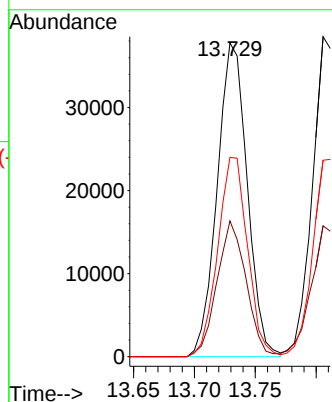
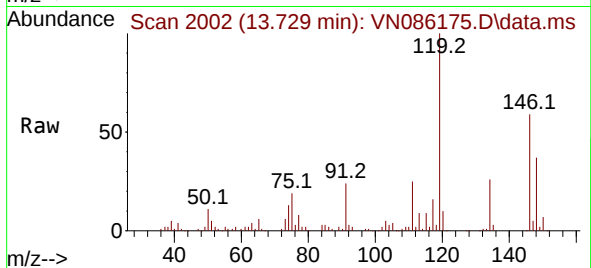
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.2	63.6
148	63.0	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#88

1,4-Dichlorobenzene

Concen: 13.537 ug/l

RT: 13.806 min Scan# 2015

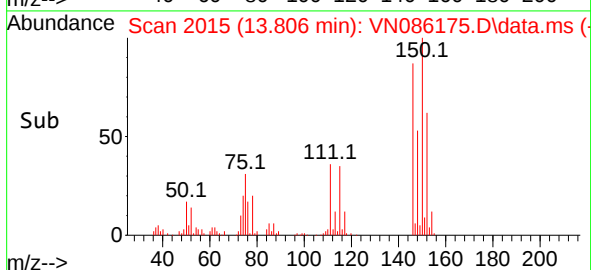
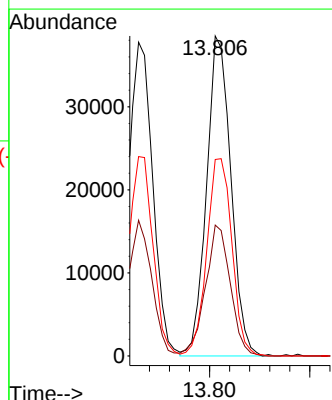
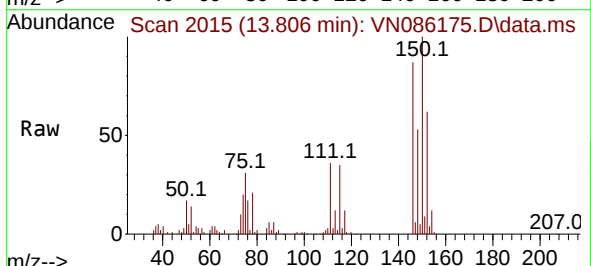
Delta R.T. -0.006 min

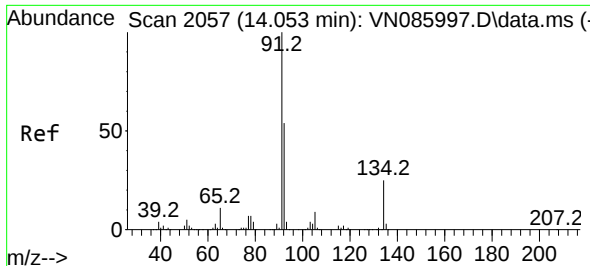
Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Tgt Ion:146 Resp: 65099

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	63.7	32.1	96.5





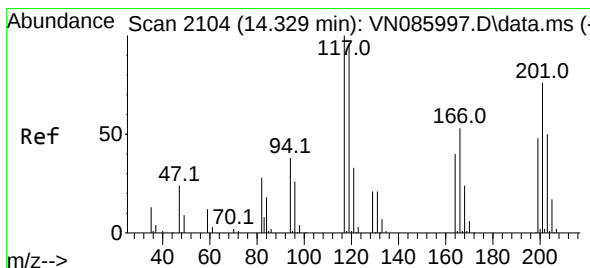
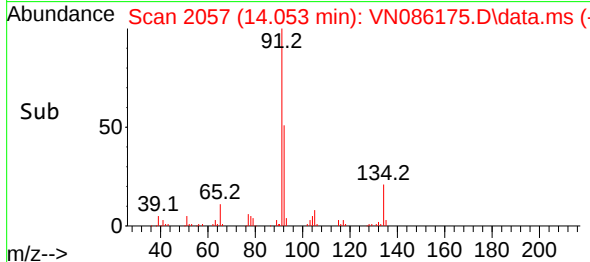
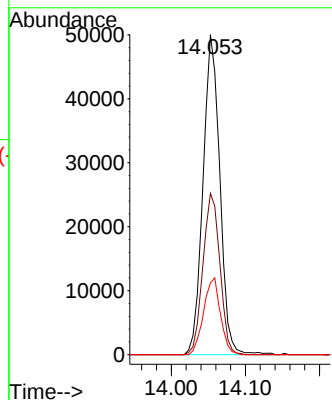
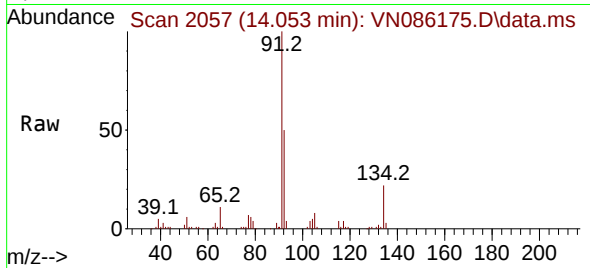
#89
n-Butylbenzene
Concen: 13.350 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion: 91 Resp: 7894
Ion Ratio Lower Upper
91 100
92 50.7 26.9 80.6
134 24.0 13.0 39.0

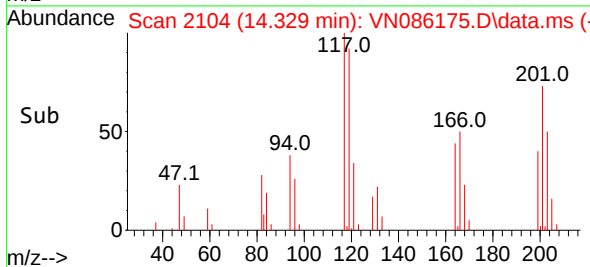
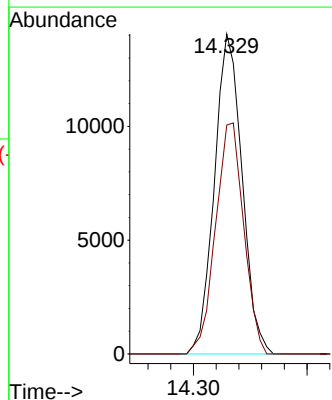
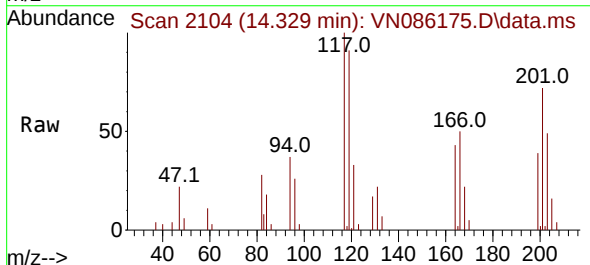
Manual Integrations
APPROVED

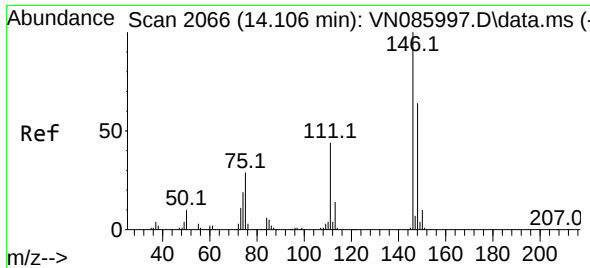
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#90
Hexachloroethane
Concen: 14.205 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion:117 Resp: 23802
Ion Ratio Lower Upper
117 100
201 73.5 39.1 117.3





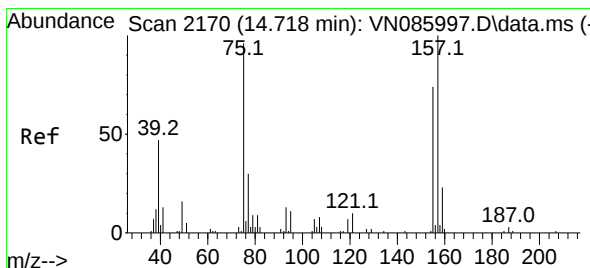
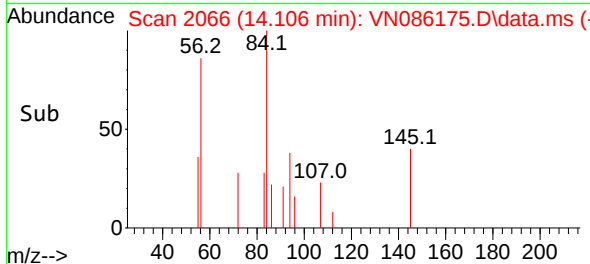
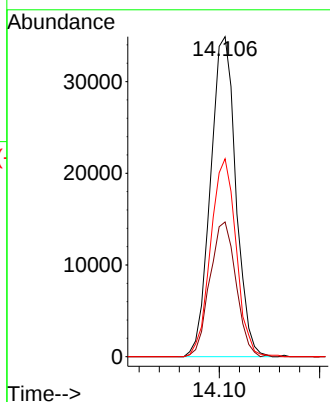
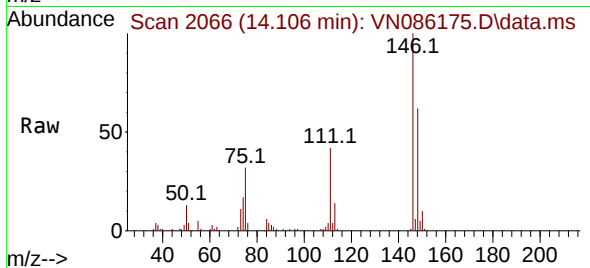
#91
1,2-Dichlorobenzene
Concen: 13.430 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tgt Ion:146 Resp: 61108
Ion Ratio Lower Upper
146 100
111 43.5 22.3 66.8
148 62.4 32.1 96.5

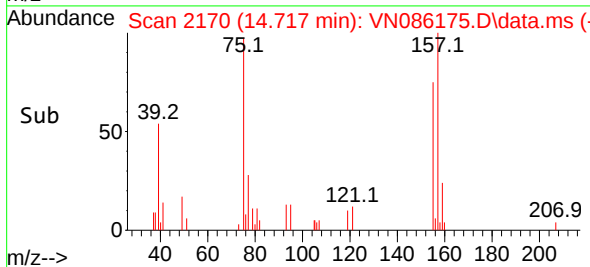
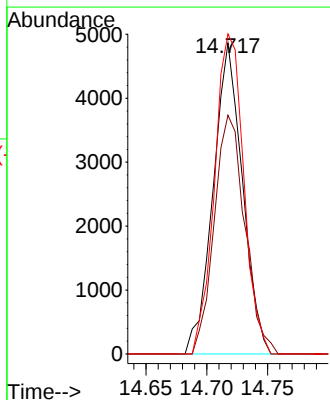
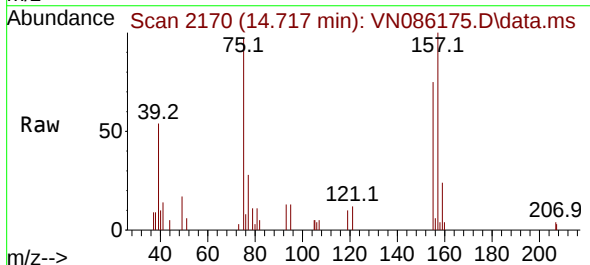
Manual Integrations
APPROVED

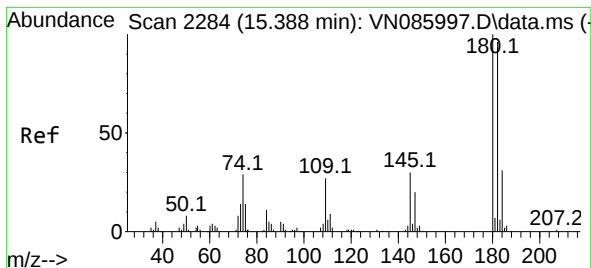
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.190 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

Tgt Ion: 75 Resp: 8112
Ion Ratio Lower Upper
75 100
155 80.7 41.0 123.0
157 102.9 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 11.751 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

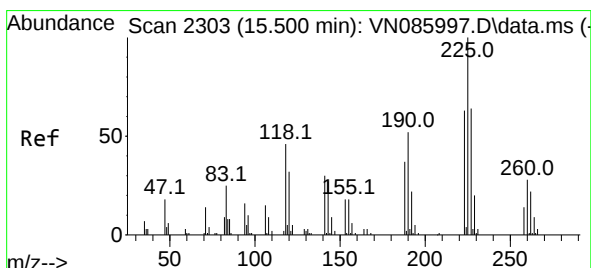
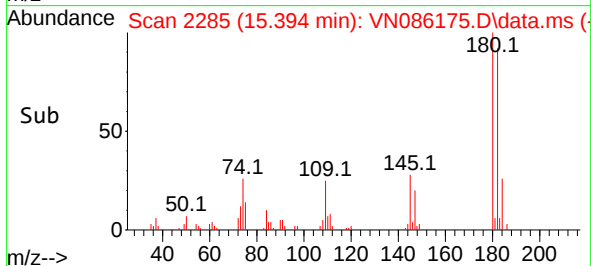
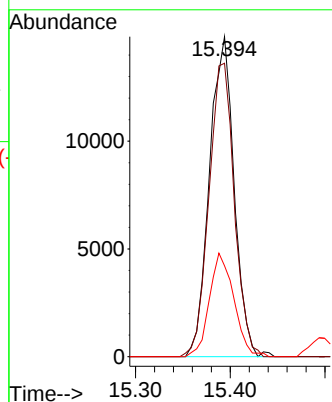
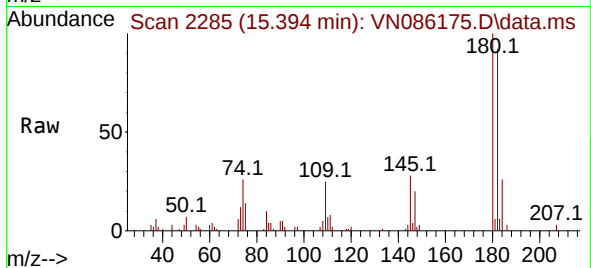
Tgt Ion:180	Resp:	26884
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.0 141.0
145	32.1	15.5 46.5

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#94

Hexachlorobutadiene

Concen: 12.747 ug/l

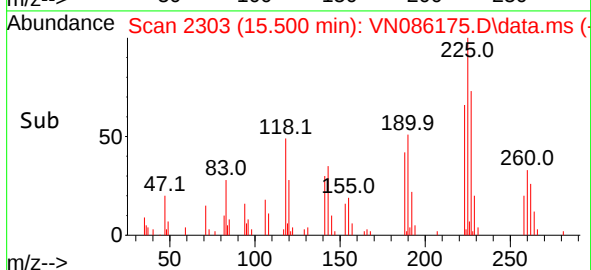
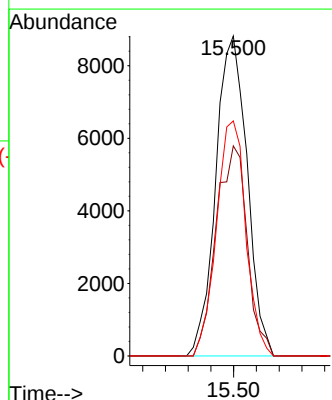
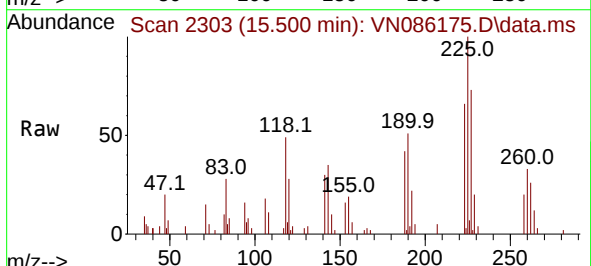
RT: 15.500 min Scan# 2303

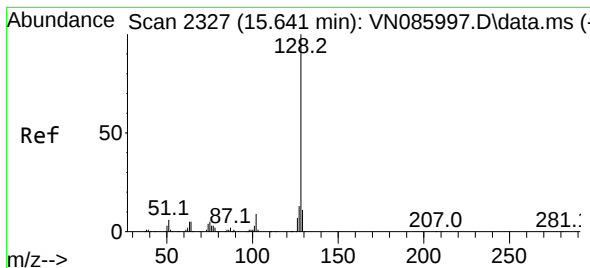
Delta R.T. -0.000 min

Lab File: VN086175.D

Acq: 31 Mar 2025 17:26

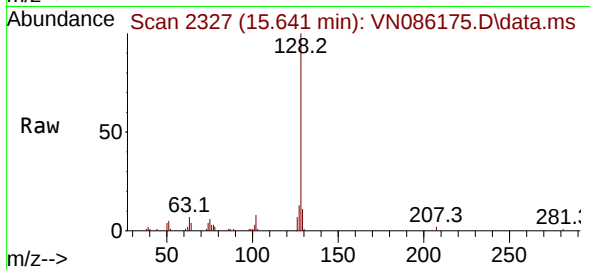
Tgt Ion:225	Resp:	16920
Ion Ratio	Lower	Upper
225	100	
223	65.0	31.3 93.9
227	68.7	32.1 96.3





#95
Naphthalene
Concen: 9.940 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26

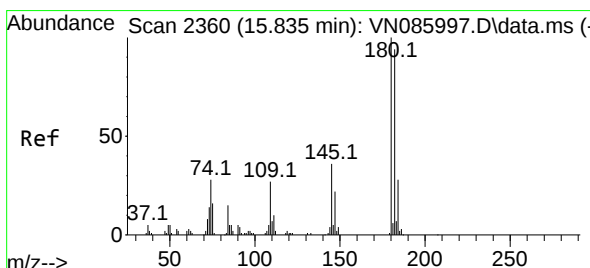
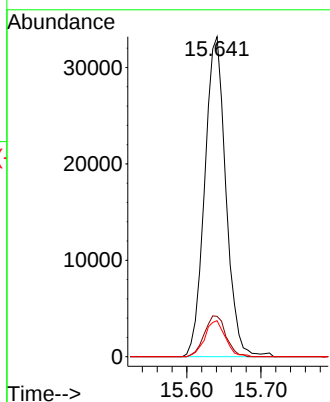
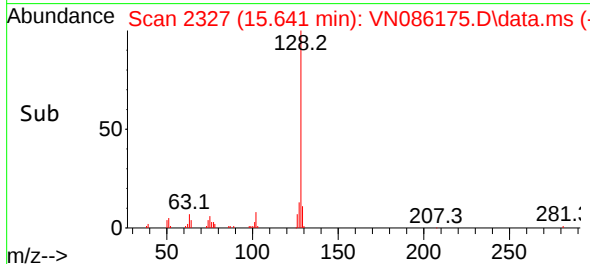
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01



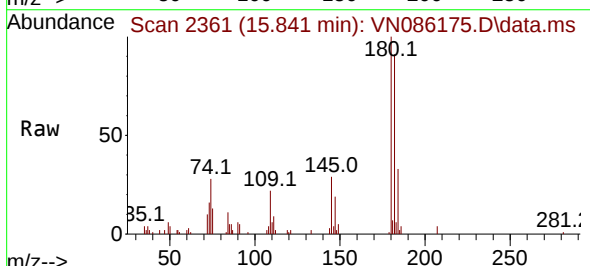
Tgt Ion:128 Resp: 65854
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 9.0 13.6

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Supervised By :Mahesh Dadoda 04/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 12.031 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086175.D
Acq: 31 Mar 2025 17:26



Tgt Ion:180 Resp: 26118
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 34.7 17.7 53.1

