

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086077.D
 Acq On : 24 Mar 2025 17:13
 Operator : JC\MD
 Sample : VN0324WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:27:03 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	270759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	433499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	206640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172149	46.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.860%		
35) Dibromofluoromethane	8.165	113	144681	44.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.880%		
50) Toluene-d8	10.565	98	581461	49.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.847	95	217661	52.231	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	56872	15.854	ug/l	100
3) Chloromethane	2.359	50	57568	18.306	ug/l	96
4) Vinyl Chloride	2.512	62	62634	19.479	ug/l	100
5) Bromomethane	2.953	94	38169	17.427	ug/l	95
6) Chloroethane	3.118	64	38540	19.000	ug/l	95
7) Trichlorofluoromethane	3.500	101	96633	16.718	ug/l	92
8) Diethyl Ether	3.959	74	33885	19.150	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	56886	18.518	ug/l	96
10) Methyl Iodide	4.589	142	74337	18.571	ug/l	95
11) Tert butyl alcohol	5.518	59	42227	80.443	ug/l	98
12) 1,1-Dichloroethene	4.336	96	52793	19.032	ug/l	93
13) Acrolein	4.177	56	53971	96.397	ug/l	94
14) Allyl chloride	5.024	41	68911	19.913	ug/l	93
15) Acrylonitrile	5.718	53	135421	97.682	ug/l	99
16) Acetone	4.424	43	94617	83.531	ug/l	99
17) Carbon Disulfide	4.706	76	147120	16.127	ug/l	99
18) Methyl Acetate	5.024	43	60323	21.525	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	175978	19.360	ug/l	100
20) Methylene Chloride	5.277	84	62720	18.928	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	58647	19.346	ug/l	89
22) Diisopropyl ether	6.671	45	165246	22.408	ug/l	98
23) Vinyl Acetate	6.600	43	561587	100.456	ug/l	99
24) 1,1-Dichloroethane	6.565	63	106252	19.593	ug/l	98
25) 2-Butanone	7.483	43	156266	95.609	ug/l	96
26) 2,2-Dichloropropane	7.488	77	91454	17.517	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	68400	19.856	ug/l	99
28) Bromochloromethane	7.812	49	47930	20.861	ug/l	95
29) Tetrahydrofuran	7.835	42	107681	106.716	ug/l	96
30) Chloroform	7.965	83	113991	19.017	ug/l	98
31) Cyclohexane	8.253	56	93653	20.272	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	106721	18.809	ug/l	94
36) 1,1-Dichloropropene	8.371	75	79190	18.679	ug/l	98
37) Ethyl Acetate	7.559	43	65513	18.317	ug/l	100
38) Carbon Tetrachloride	8.359	117	93445	16.764	ug/l	96
39) Methylcyclohexane	9.600	83	89930	21.380	ug/l	97
40) Benzene	8.606	78	252741	18.990	ug/l	100

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 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)
41) Methacrylonitrile	7.771	41	34727	20.334	ug/l	98
42) 1,2-Dichloroethane	8.671	62	78250	16.874	ug/l	95
43) Isopropyl Acetate	8.682	43	120615	15.562	ug/l	96
44) Trichloroethene	9.347	130	62903	18.236	ug/l	97
45) 1,2-Dichloropropane	9.618	63	62474	20.639	ug/l	97
46) Dibromomethane	9.706	93	42564	17.880	ug/l	96
47) Bromodichloromethane	9.882	83	90994	18.289	ug/l	98
48) Methyl methacrylate	9.677	41	52409	20.492	ug/l	97
49) 1,4-Dioxane	9.694	88	22674	375.030	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	358658	104.929	ug/l	97
52) Toluene	10.629	92	167806	20.544	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	94674	19.594	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	100807	19.774	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	64761	20.772	ug/l	100
56) Ethyl methacrylate	10.871	69	99180	22.943	ug/l	95
57) 1,3-Dichloropropane	11.159	76	108208	20.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	178650	109.859	ug/l	98
59) 2-Hexanone	11.194	43	265881	106.777	ug/l	97
60) Dibromochloromethane	11.353	129	72557	18.036	ug/l	95
61) 1,2-Dibromoethane	11.465	107	63450	19.824	ug/l	99
64) Tetrachloroethene	11.100	164	62476	18.067	ug/l	99
65) Chlorobenzene	11.888	112	184681	18.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	68245	18.507	ug/l	98
67) Ethyl Benzene	11.959	91	324719	20.464	ug/l	99
68) m/p-Xylenes	12.071	106	250152	40.110	ug/l	98
69) o-Xylene	12.394	106	125479	21.921	ug/l	98
70) Styrene	12.412	104	204422	20.908	ug/l	97
71) Bromoform	12.576	173	54015	17.523	ug/l #	95
73) Isopropylbenzene	12.694	105	317837	22.524	ug/l	99
74) N-amyl acetate	12.488	43	107676	22.807	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	88942	18.631	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	82660m	17.868	ug/l	
77) Bromobenzene	12.976	156	74397	18.908	ug/l	96
78) n-propylbenzene	13.035	91	352210	22.042	ug/l	87
79) 2-Chlorotoluene	13.123	91	219093	20.643	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	251124	21.078	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	30877	17.646	ug/l	96
82) 4-Chlorotoluene	13.217	91	215916	19.783	ug/l	97
83) tert-Butylbenzene	13.435	119	221939	21.781	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	268386	22.335	ug/l	98
85) sec-Butylbenzene	13.612	105	299817	22.555	ug/l	98
86) p-Isopropyltoluene	13.723	119	254501	22.618	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	136271	19.214	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	133031	17.852	ug/l	97
89) n-Butylbenzene	14.053	91	209211	22.832	ug/l	98
90) Hexachloroethane	14.329	117	43995	16.945	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	135623	19.236	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17875	18.757	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	71857	20.269	ug/l	95
94) Hexachlorobutadiene	15.500	225	34204	16.630	ug/l	99
95) Naphthalene	15.635	128	254459	24.788	ug/l	96
96) 1,2,3-Trichlorobenzene	15.835	180	71641	21.297	ug/l	99

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ClientSampleId :
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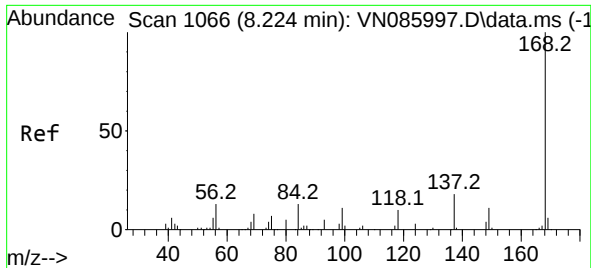
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/25/2025

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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

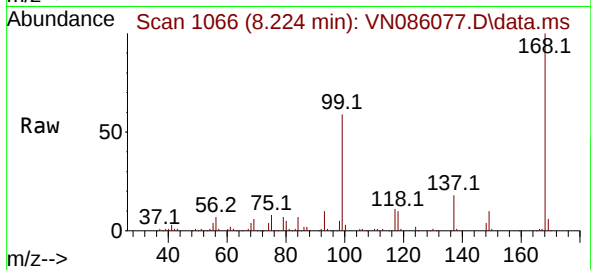
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086077.D
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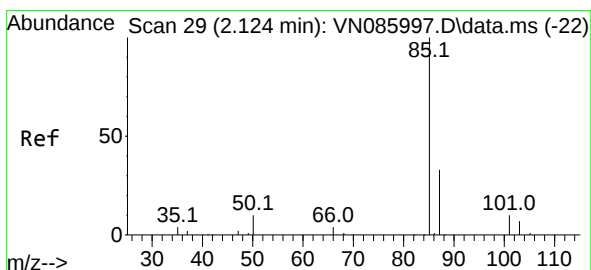
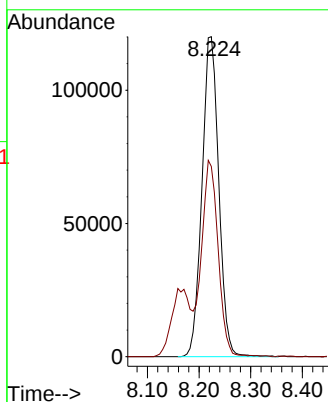
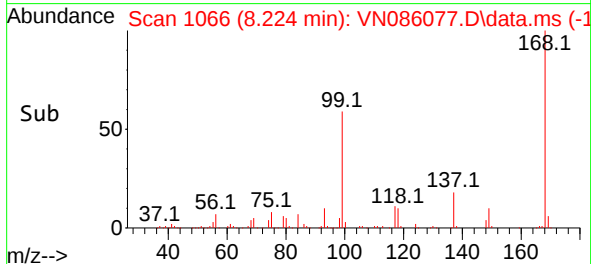
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:168 Resp: 270759
Ion Ratio Lower Upper
168 100
99 59.3 49.4 74.2

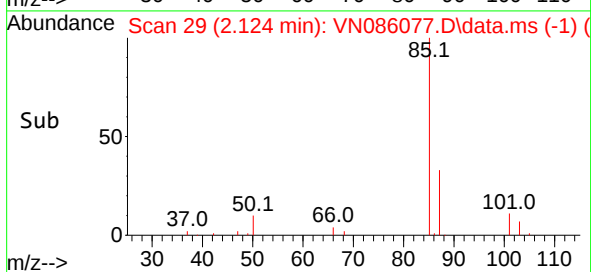
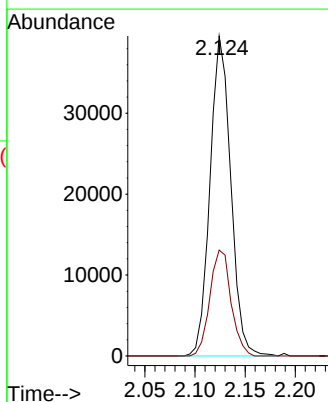
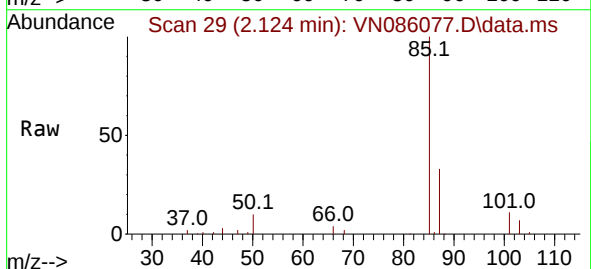
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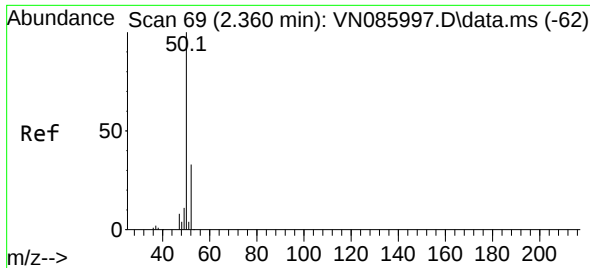
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#2
Dichlorodifluoromethane
Concen: 15.854 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

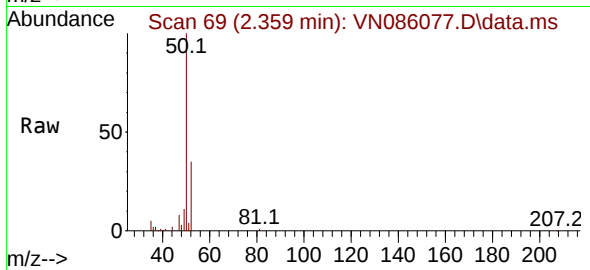
Tgt Ion: 85 Resp: 56872
Ion Ratio Lower Upper
85 100
87 33.1 16.5 49.5





#3
Chloromethane
Concen: 18.306 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

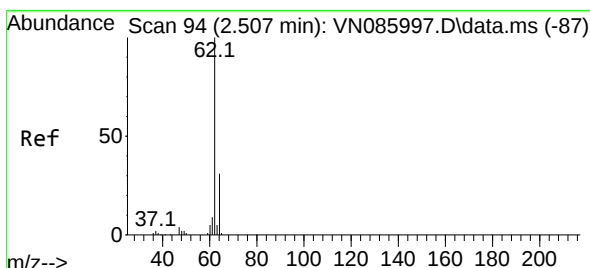
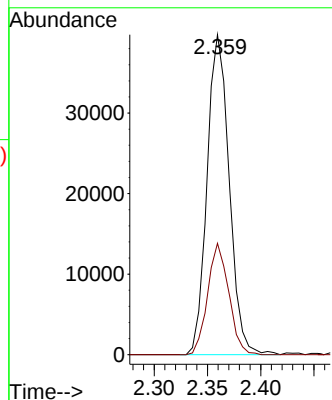
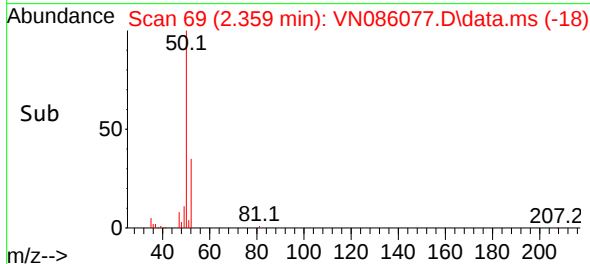
Instrument :
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Tgt Ion: 50 Resp: 5756
Ion Ratio Lower Upper
50 100
52 34.8 26.0 39.0

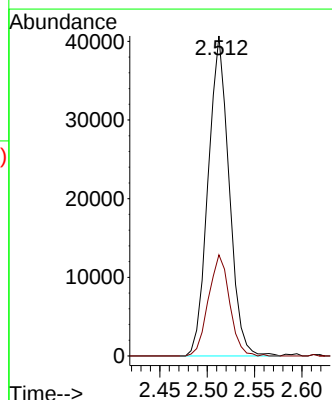
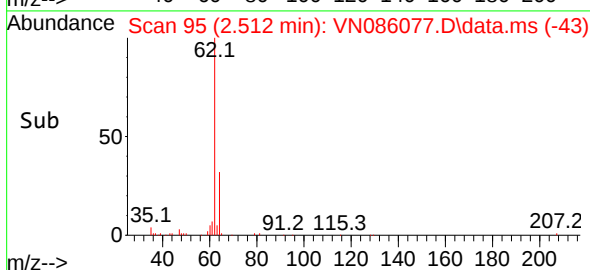
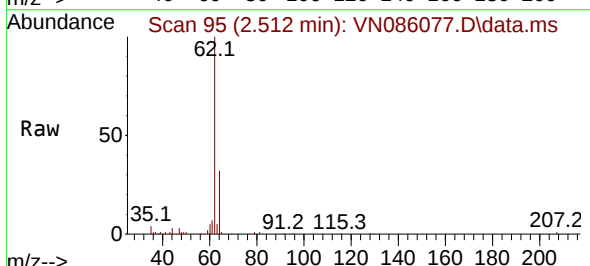
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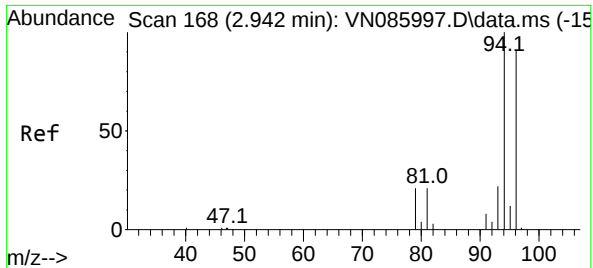
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#4
Vinyl Chloride
Concen: 19.479 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

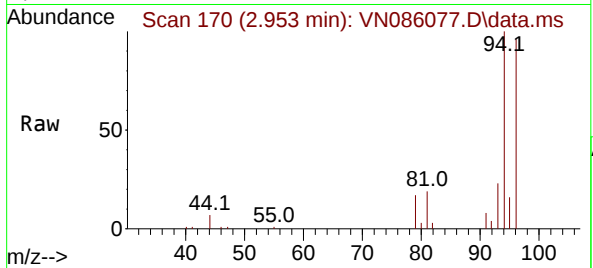
Tgt Ion: 62 Resp: 62634
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 17.427 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

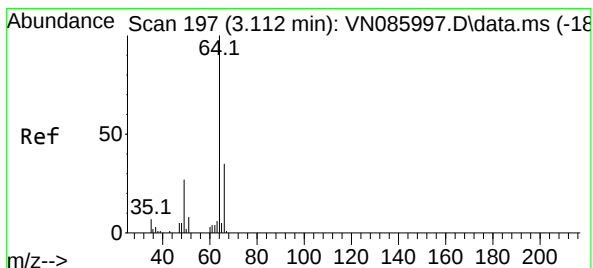
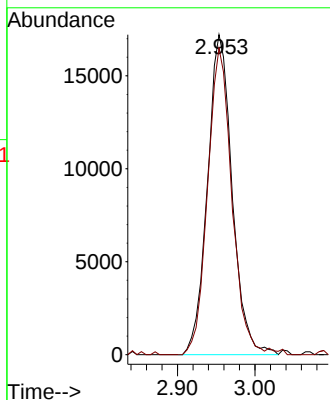
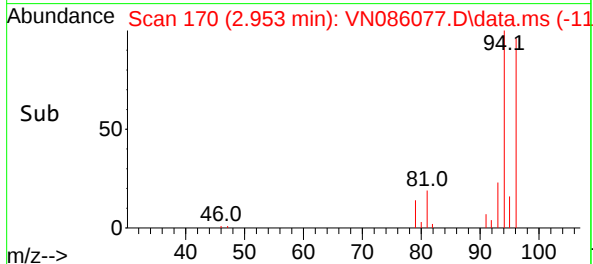
Instrument :
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Tgt Ion: 94 Resp: 38169
Ion Ratio Lower Upper
94 100
96 95.8 72.8 109.2

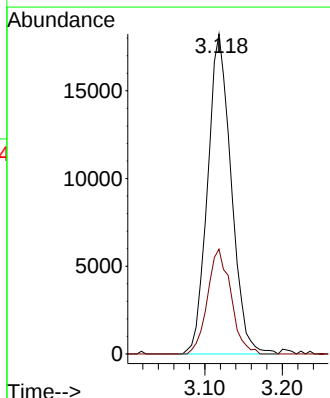
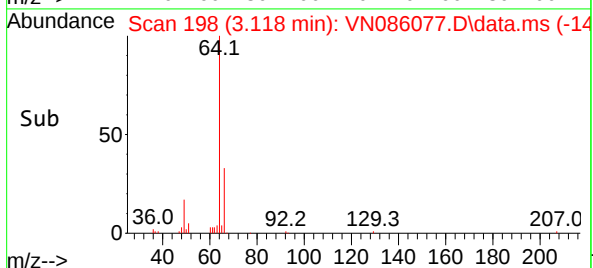
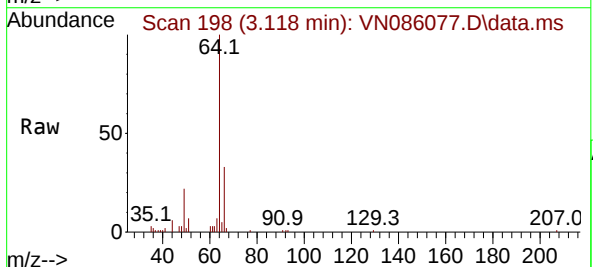
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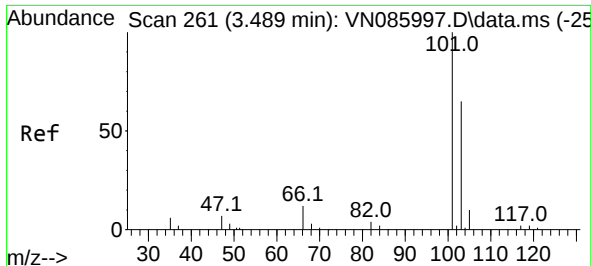
Reviewed By :John Carlone 03/25/2025
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#6
Chloroethane
Concen: 19.000 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion: 64 Resp: 38540
Ion Ratio Lower Upper
64 100
66 32.7 28.3 42.5





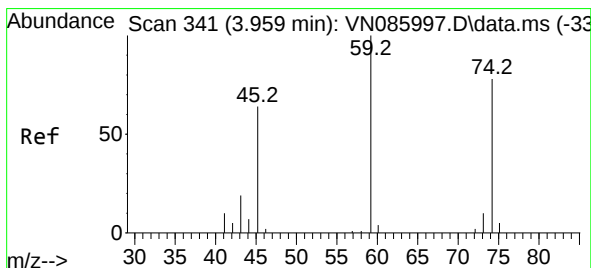
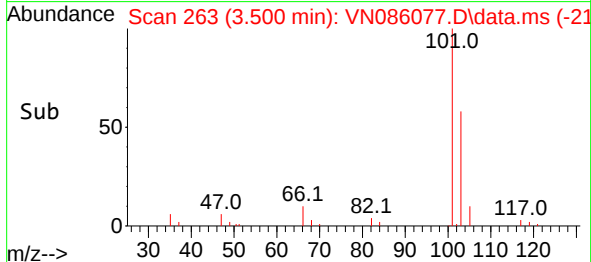
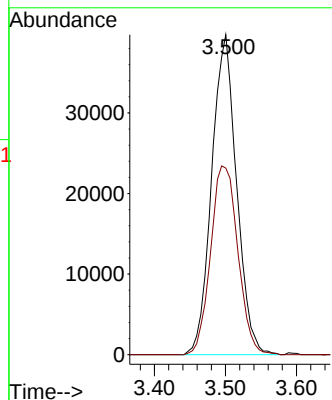
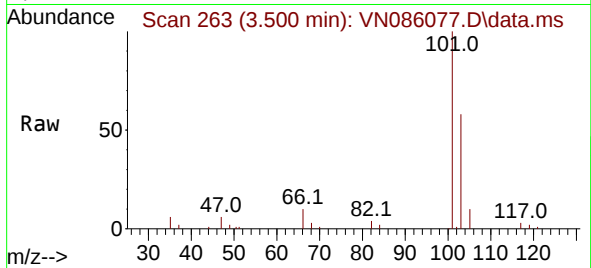
#7
Trichlorofluoromethane
Concen: 16.718 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:101 Resp: 9663
Ion Ratio Lower Upper
101 100
103 58.3 51.7 77.5

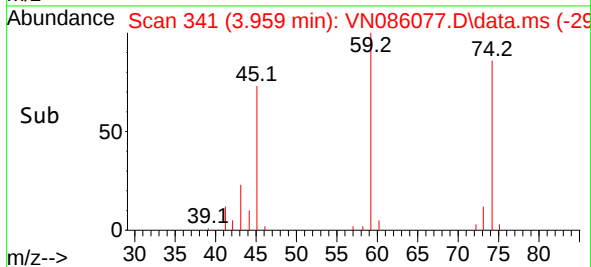
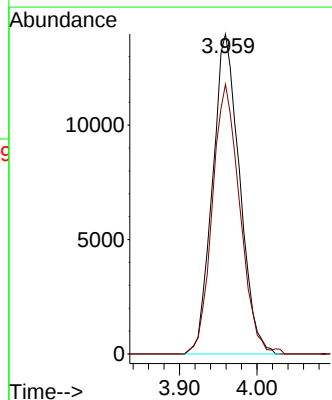
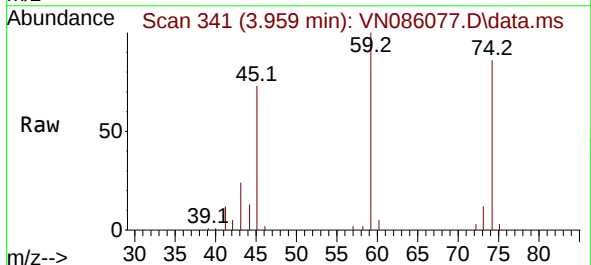
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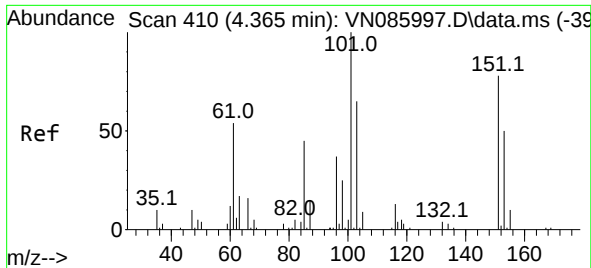
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#8
Diethyl Ether
Concen: 19.150 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion: 74 Resp: 33885
Ion Ratio Lower Upper
74 100
45 85.7 38.0 113.9





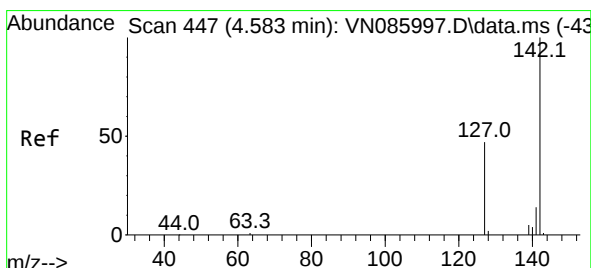
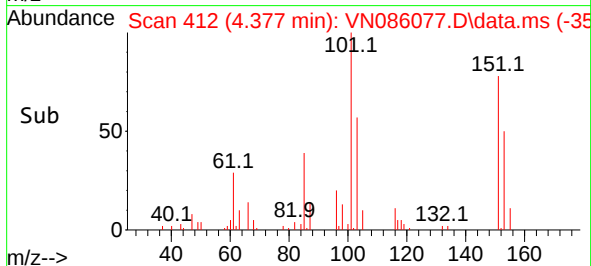
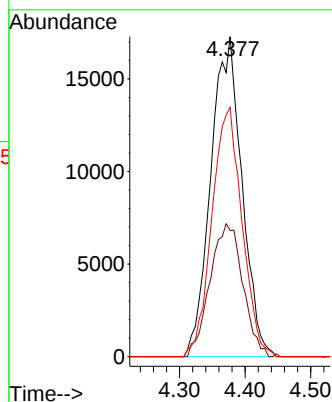
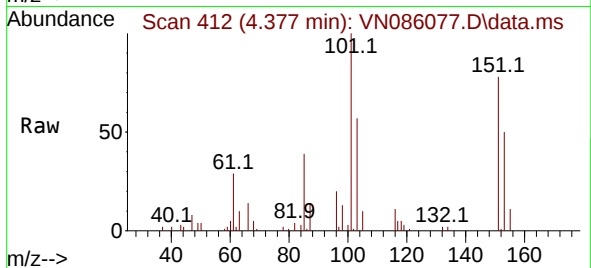
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.518 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:101 Resp: 5688
Ion Ratio Lower Upper
101 100
85 43.7 36.5 54.7
151 75.3 63.4 95.0

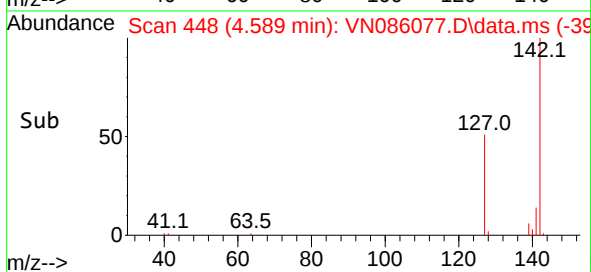
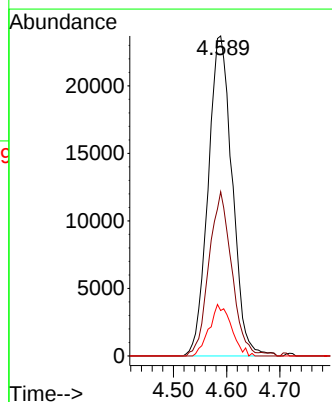
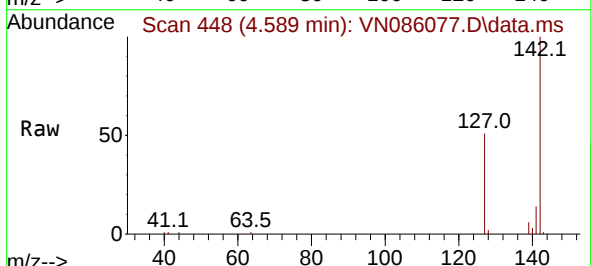
Manual Integrations
APPROVED

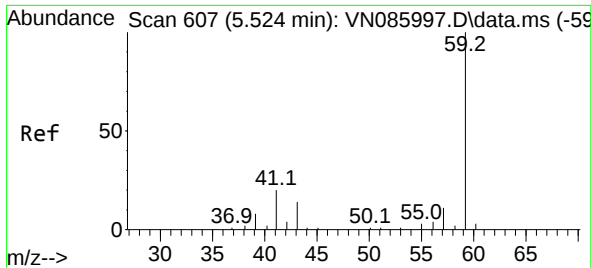
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#10
Methyl Iodide
Concen: 18.571 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

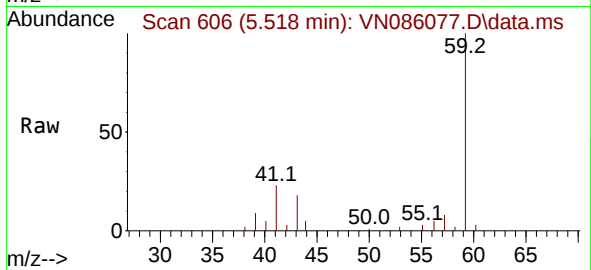
Tgt Ion:142 Resp: 74337
Ion Ratio Lower Upper
142 100
127 51.3 37.5 56.3
141 14.2 11.0 16.6





#11
Tert butyl alcohol
Concen: 80.443 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

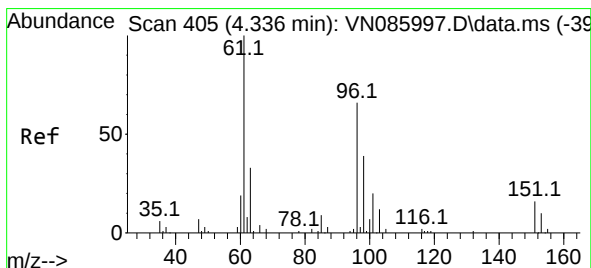
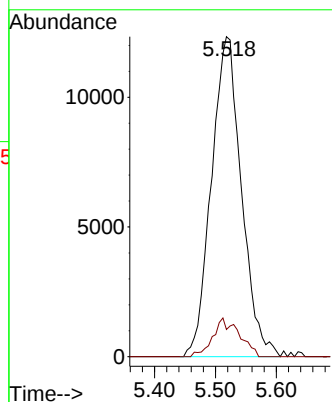
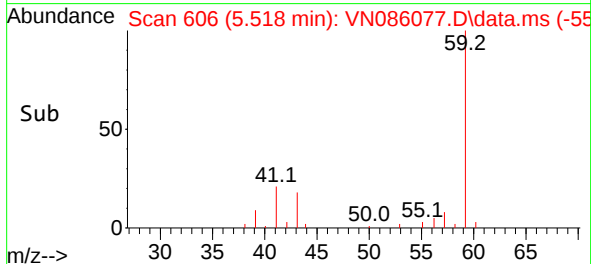
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



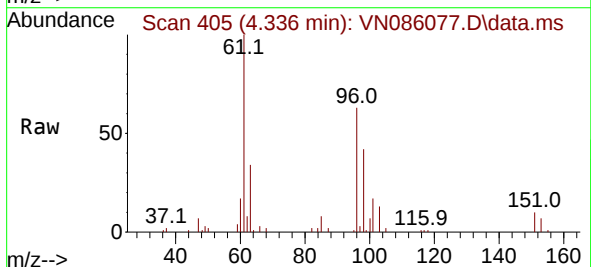
Tgt Ion: 59 Resp: 4222
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

Manual Integrations
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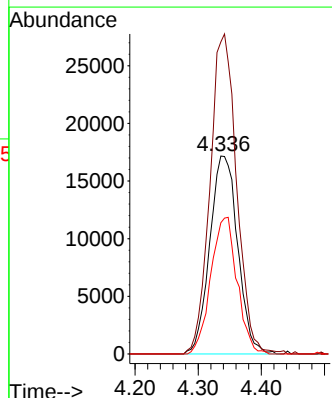
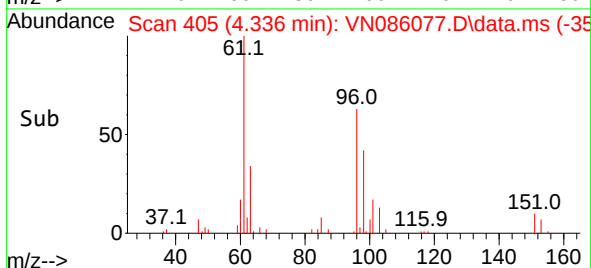
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

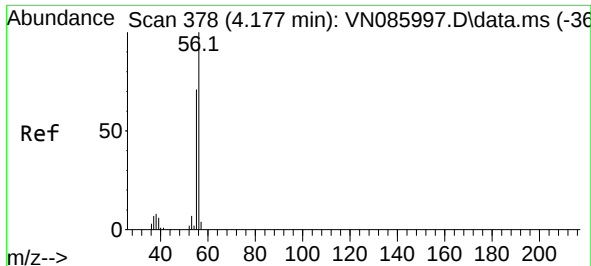


#12
1,1-Dichloroethene
Concen: 19.032 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



Tgt Ion: 96 Resp: 52793
Ion Ratio Lower Upper
96 100
61 157.6 120.5 180.7
98 66.3 47.4 71.0





#13

Acrolein

Concen: 96.397 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 56 Resp: 5397

Ion Ratio Lower Upper

56 100

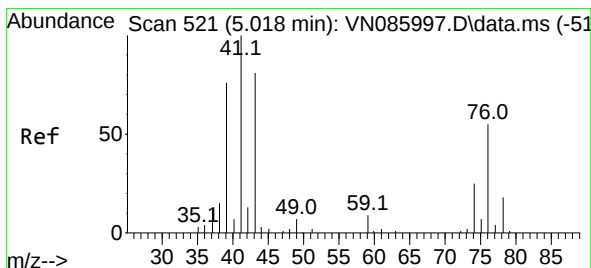
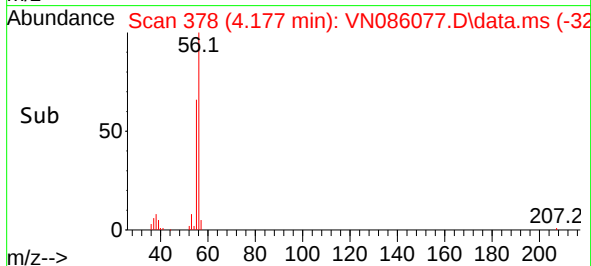
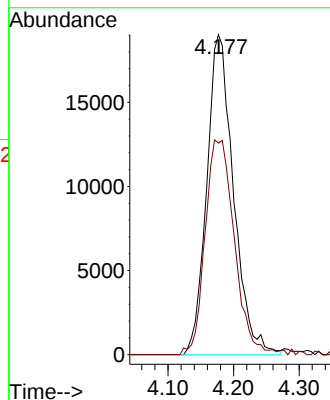
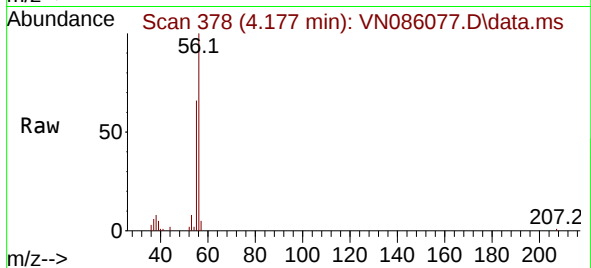
55 73.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#14

Allyl chloride

Concen: 19.913 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

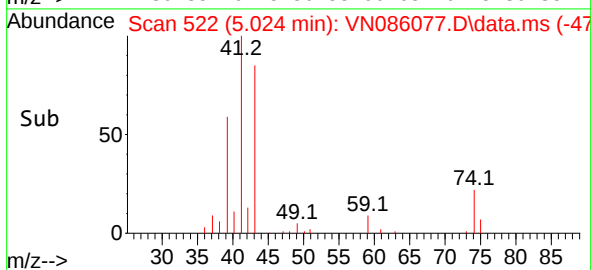
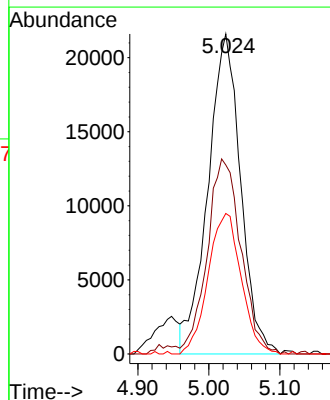
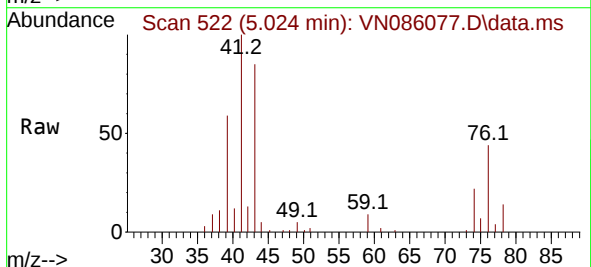
Tgt Ion: 41 Resp: 68911

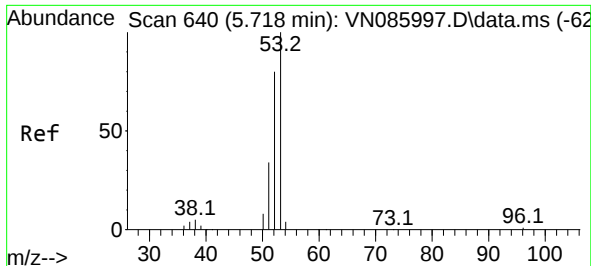
Ion Ratio Lower Upper

41 100

39 63.2 55.5 83.3

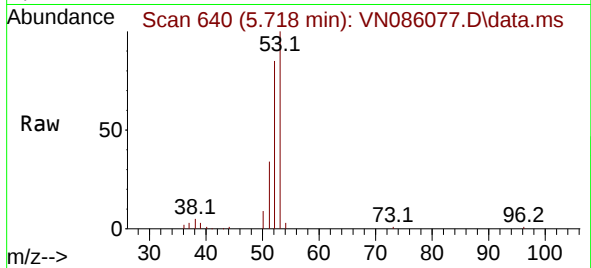
76 44.5 39.1 58.7





#15
Acrylonitrile
Concen: 97.682 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

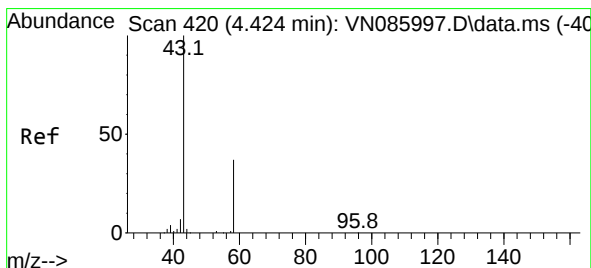
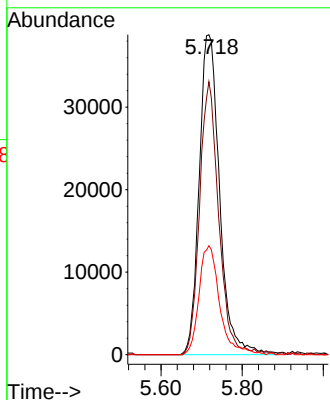
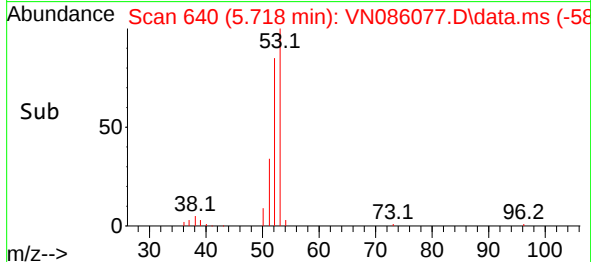
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 53 Resp: 13542
Ion Ratio Lower Upper
53 100
52 79.1 63.9 95.9
51 34.4 27.1 40.7

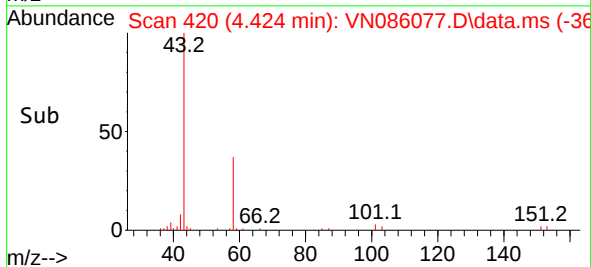
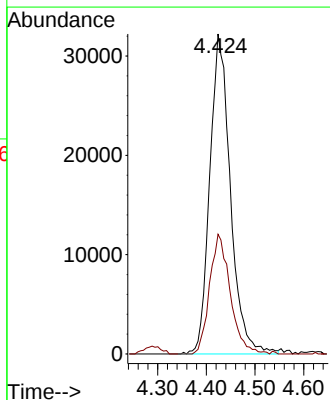
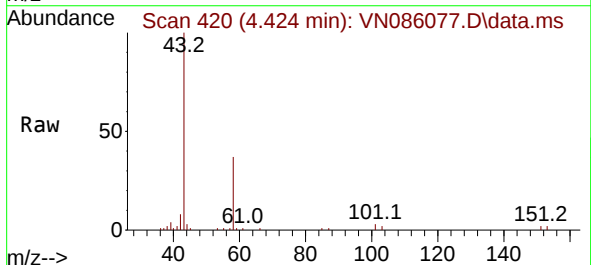
Manual Integrations
APPROVED

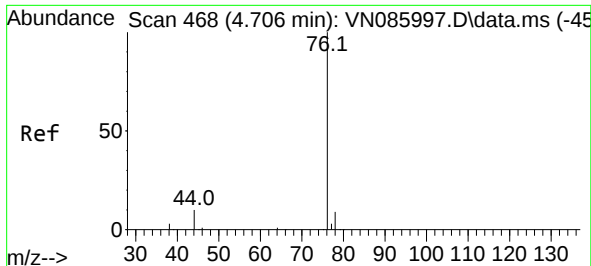
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#16
Acetone
Concen: 83.531 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

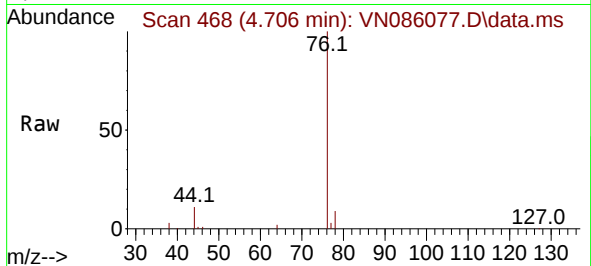
Tgt Ion: 43 Resp: 94617
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.2





#17
Carbon Disulfide
Concen: 16.127 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

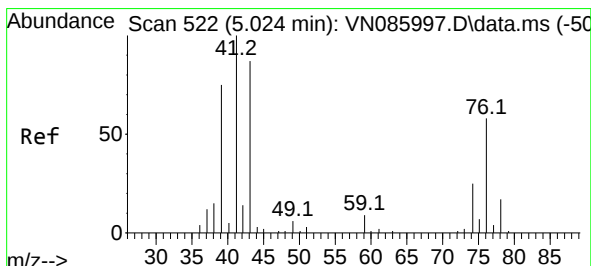
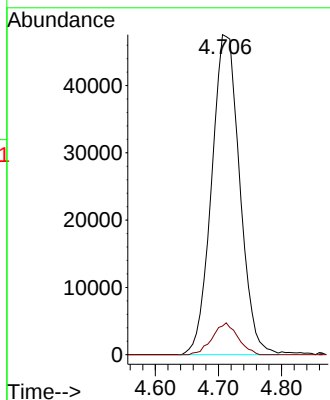
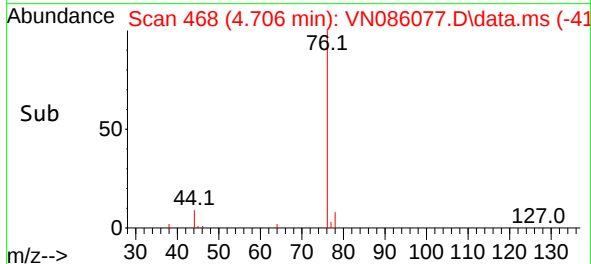
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



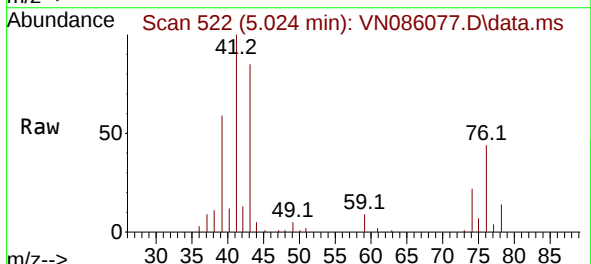
Tgt Ion: 76 Resp: 147120
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
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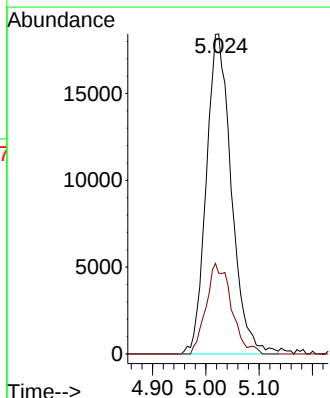
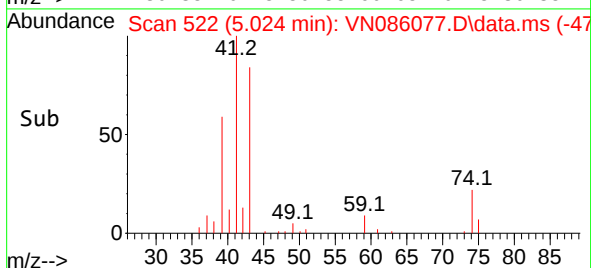
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

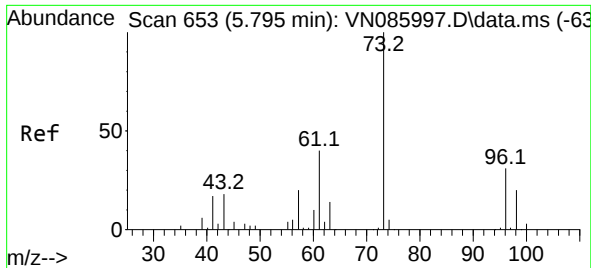


#18
Methyl Acetate
Concen: 21.525 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



Tgt Ion: 43 Resp: 60323
Ion Ratio Lower Upper
43 100
74 28.5 23.9 35.9





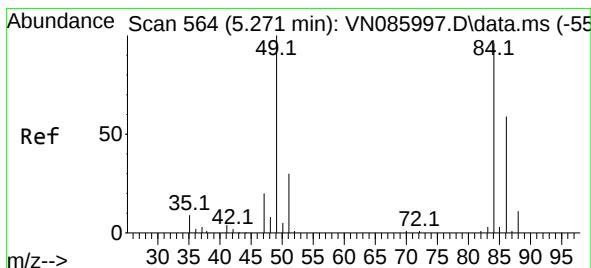
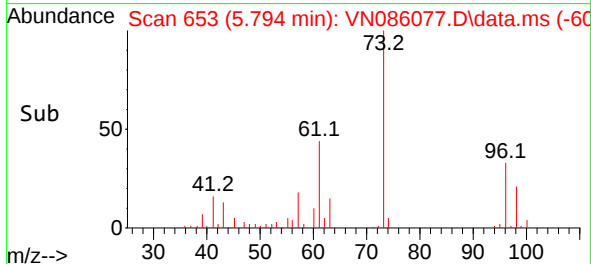
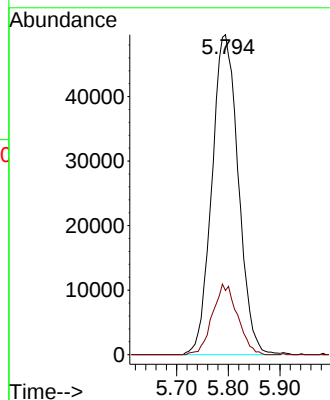
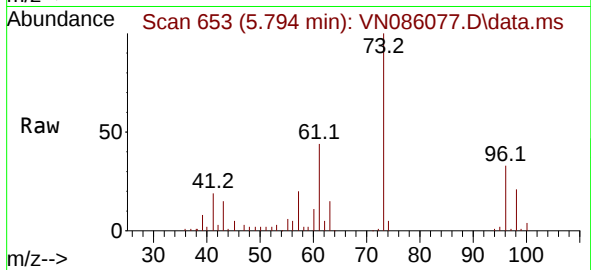
#19
Methyl tert-butyl Ether
Concen: 19.360 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 73 Resp: 175978
Ion Ratio Lower Upper
73 100
57 20.0 16.1 24.1

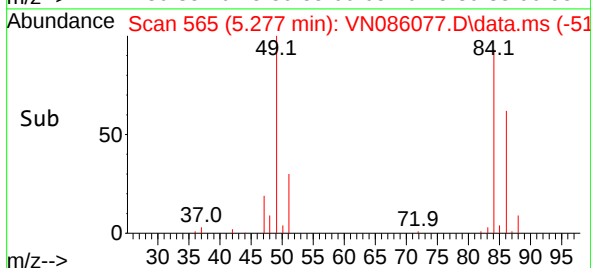
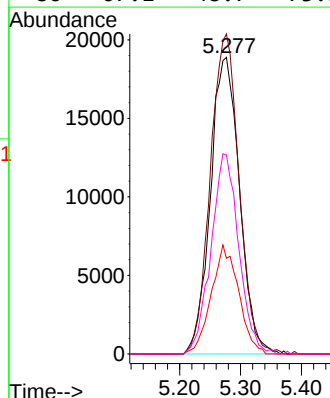
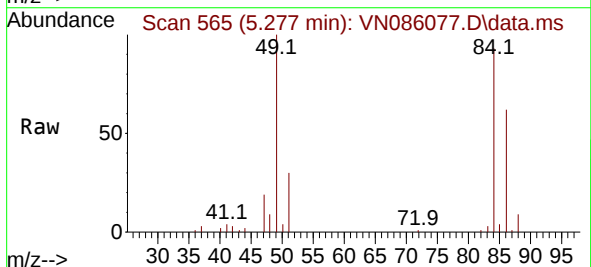
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#20
Methylene Chloride
Concen: 18.928 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

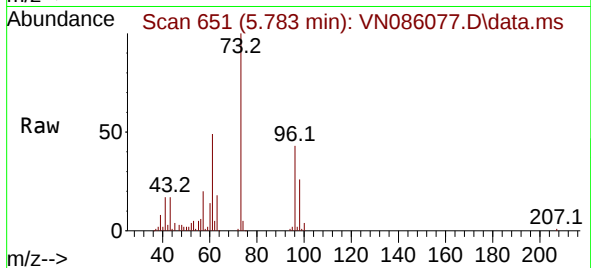
Tgt Ion: 84 Resp: 62720
Ion Ratio Lower Upper
84 100
49 107.9 83.3 124.9
51 32.3 24.8 37.2
86 67.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.346 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

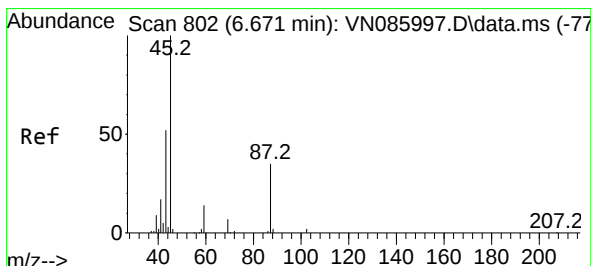
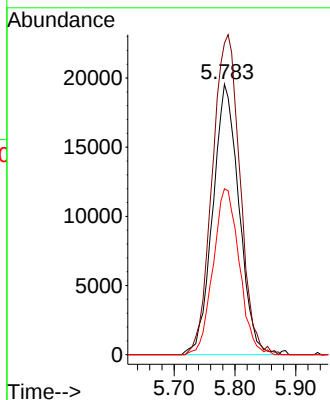
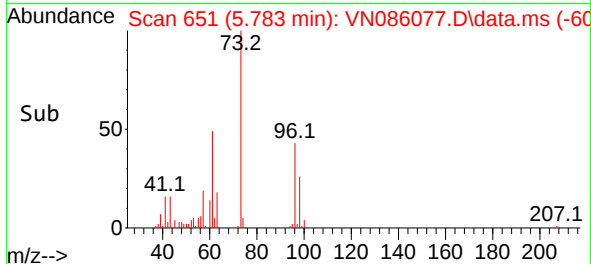
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 96 Resp: 5864
Ion Ratio Lower Upper
96 100
61 115.2 106.6 160.0
98 61.3 50.0 75.0

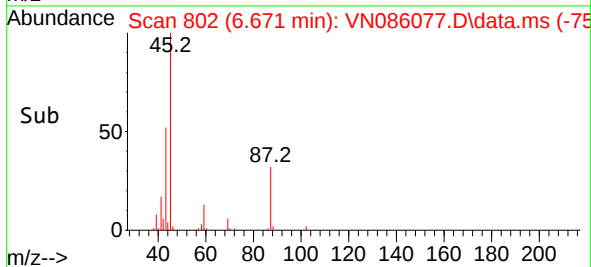
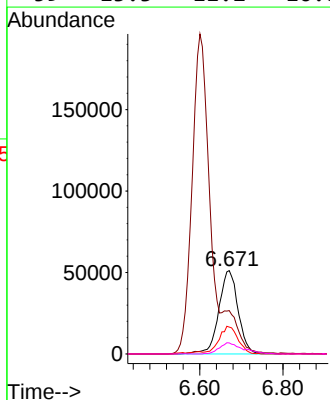
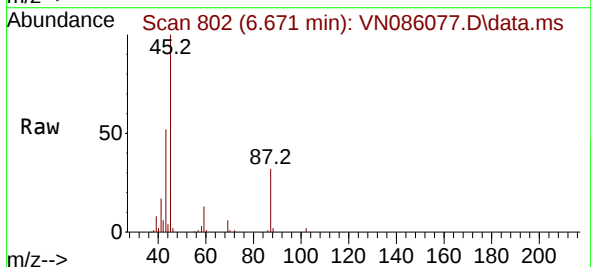
Manual Integrations
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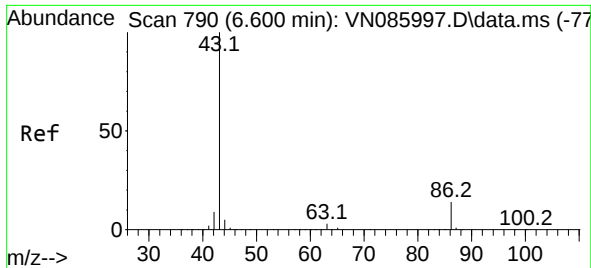
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#22
Diisopropyl ether
Concen: 22.408 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion: 45 Resp: 165246
Ion Ratio Lower Upper
45 100
43 51.4 41.2 61.8
87 32.4 28.5 42.7
59 13.3 11.2 16.8





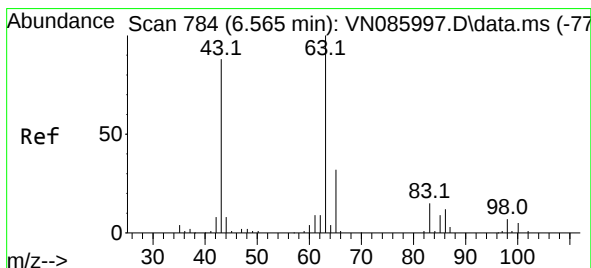
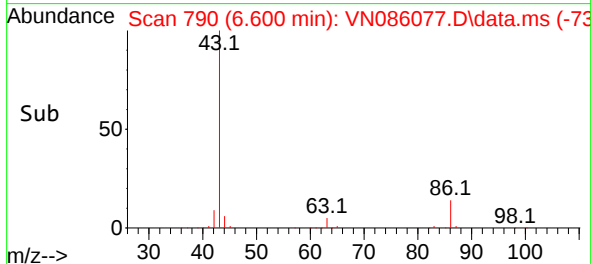
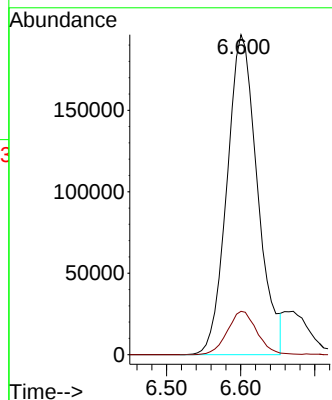
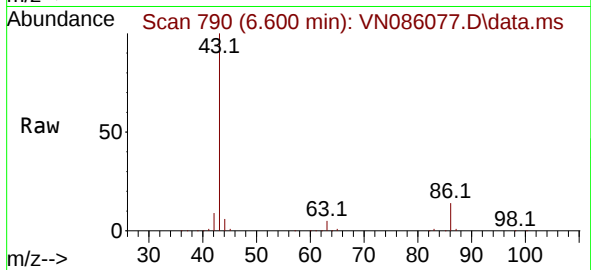
#23
 Vinyl Acetate
 Concen: 100.456 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tgt Ion: 43 Resp: 56158
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8

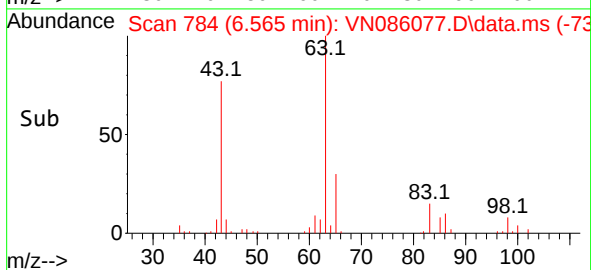
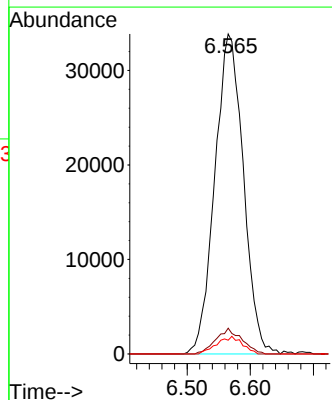
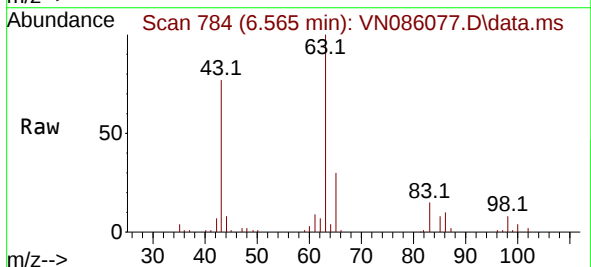
Manual Integrations
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Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#24
 1,1-Dichloroethane
 Concen: 19.593 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

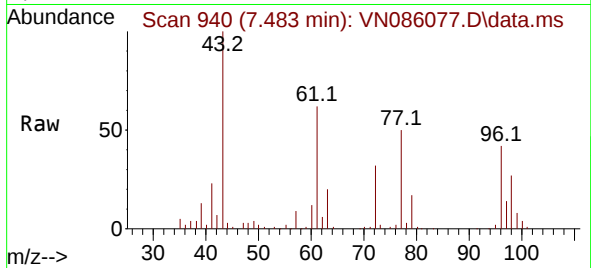
Tgt Ion: 63 Resp: 106252
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.3 2.5 7.5





#25
2-Butanone
Concen: 95.609 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

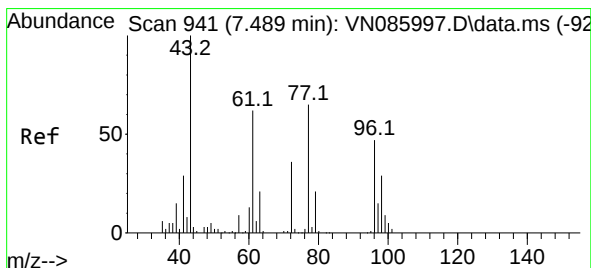
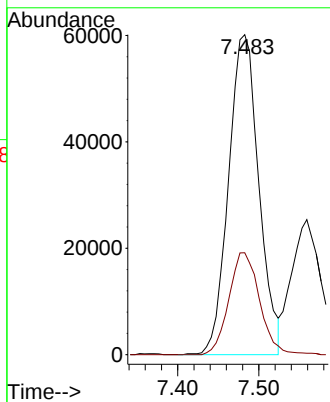
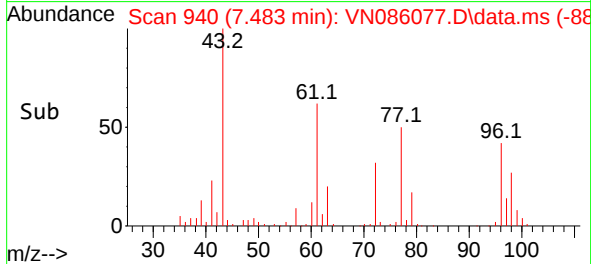
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



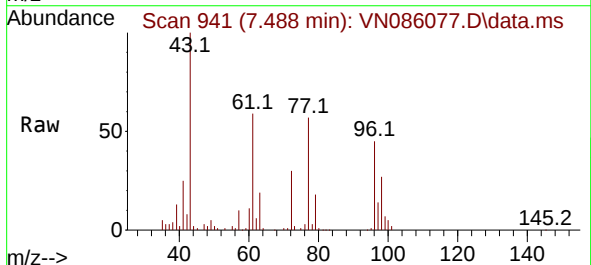
Tgt Ion: 43 Resp: 156260
Ion Ratio Lower Upper
43 100
72 31.9 27.4 41.0

Manual Integrations
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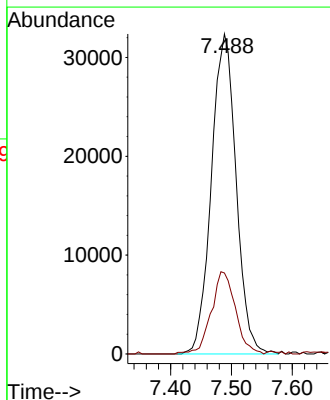
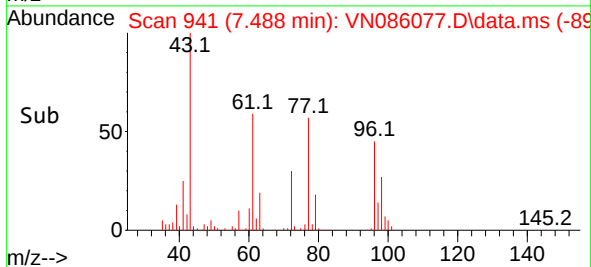
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

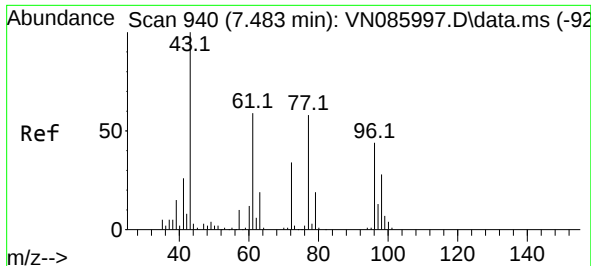


#26
2,2-Dichloropropane
Concen: 17.517 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



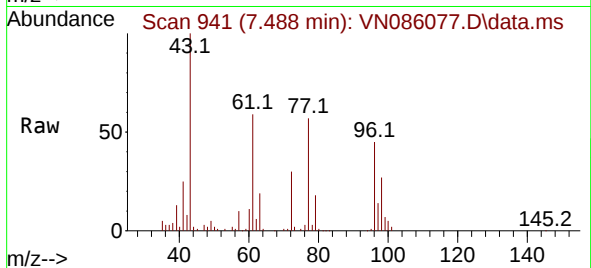
Tgt Ion: 77 Resp: 91454
Ion Ratio Lower Upper
77 100
97 25.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.856 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

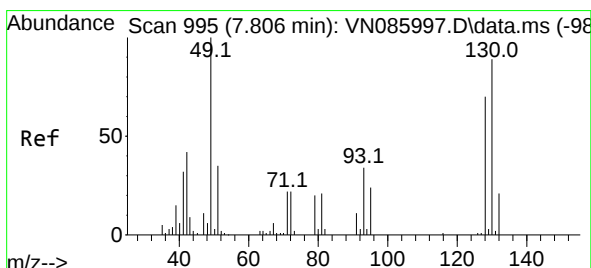
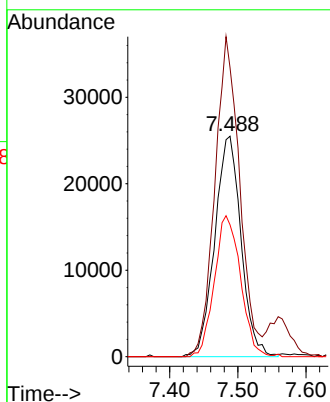
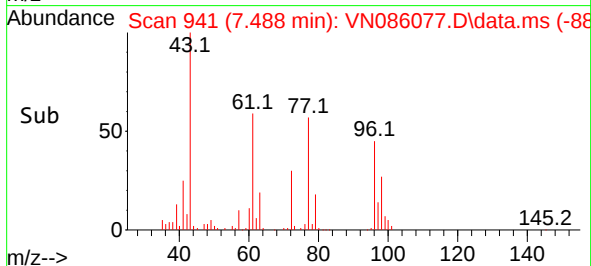
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01



Tgt Ion: 96 Resp: 68400
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 272.8
 98 63.7 0.0 124.8

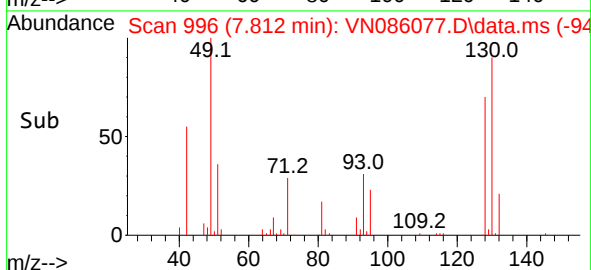
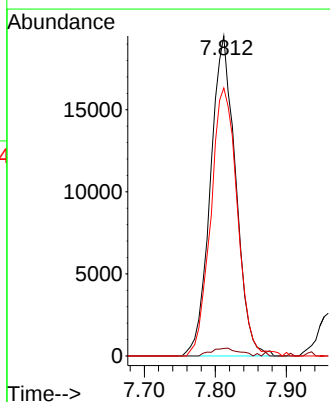
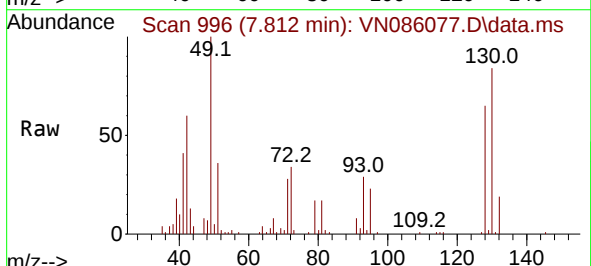
Manual Integrations
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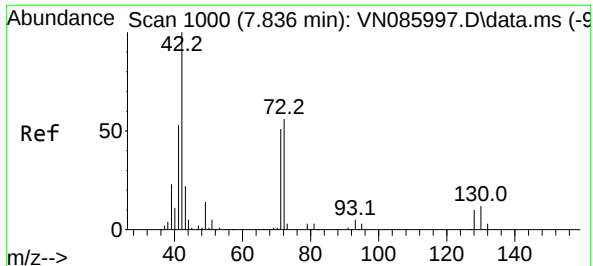
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#28
 Bromochloromethane
 Concen: 20.861 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

Tgt Ion: 49 Resp: 47930
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.2
 130 88.2 74.2 111.4





#29

Tetrahydrofuran

Concen: 106.716 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 42 Resp: 10768

Ion Ratio Lower Upper

42 100

72 53.2 45.0 67.4

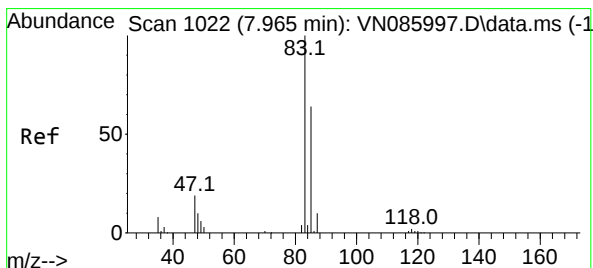
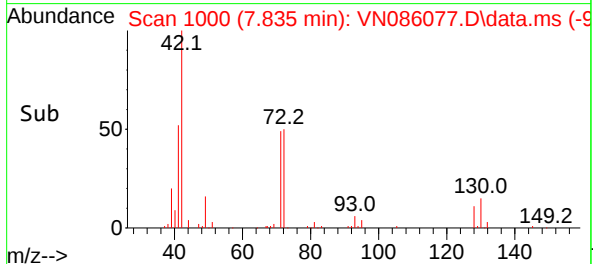
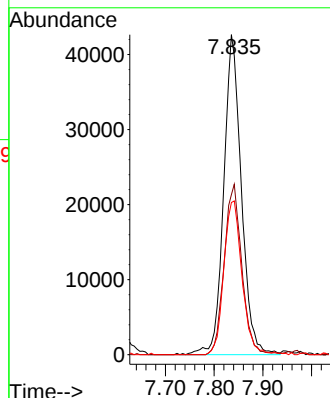
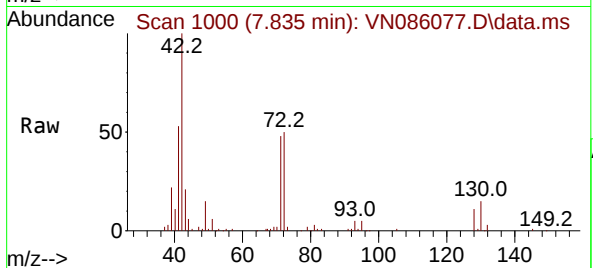
71 49.6 41.9 62.9

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Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#30

Chloroform

Concen: 19.017 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086077.D

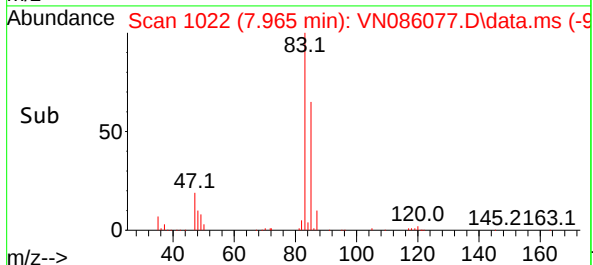
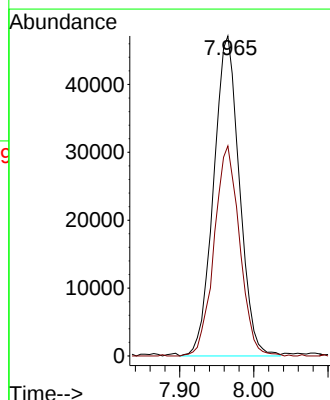
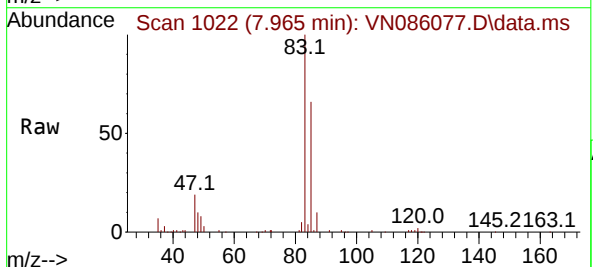
Acq: 24 Mar 2025 17:13

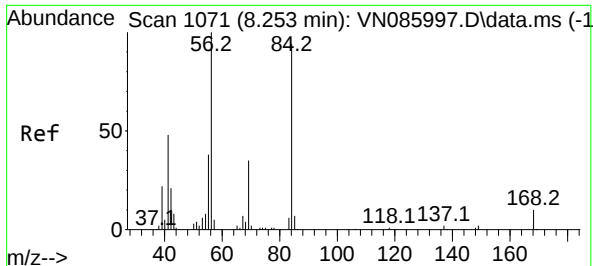
Tgt Ion: 83 Resp: 113991

Ion Ratio Lower Upper

83 100

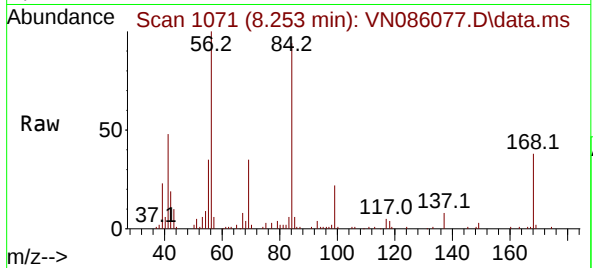
85 65.7 51.5 77.3





#31
Cyclohexane
Concen: 20.272 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

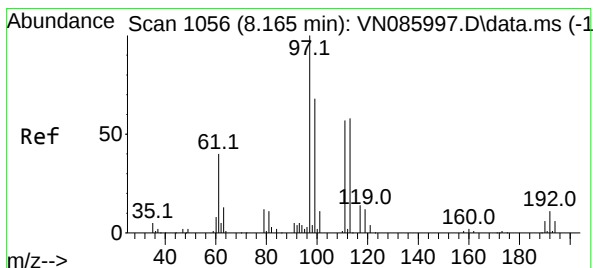
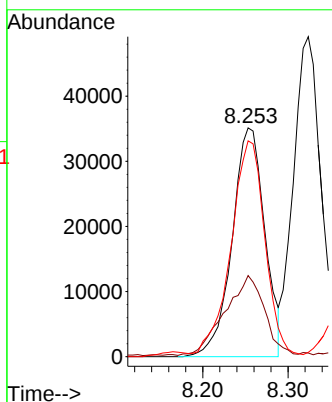
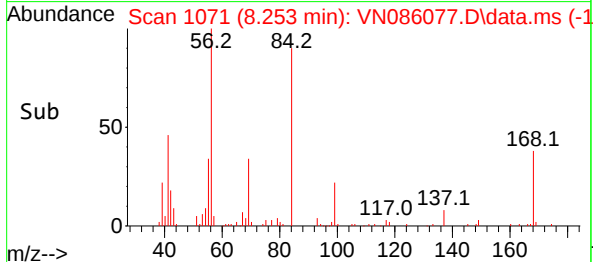
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



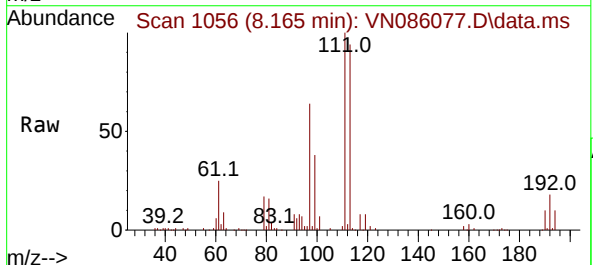
Tgt Ion: 56 Resp: 9365
Ion Ratio Lower Upper
56 100
69 34.9 28.0 42.0
84 92.4 75.0 112.6

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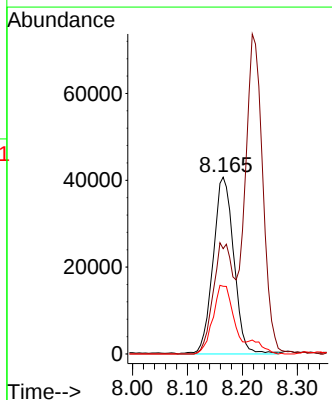
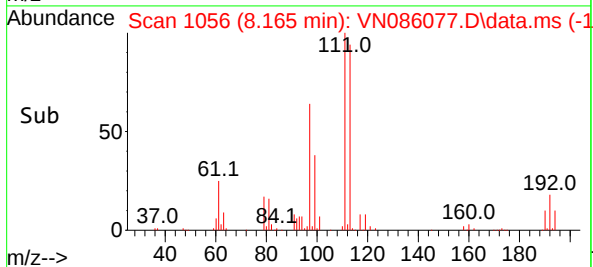
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

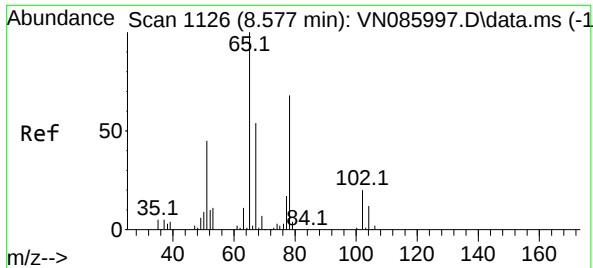


#32
1,1,1-Trichloroethane
Concen: 18.809 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



Tgt Ion: 97 Resp: 106721
Ion Ratio Lower Upper
97 100
99 61.3 52.8 79.2
61 38.9 33.6 50.4





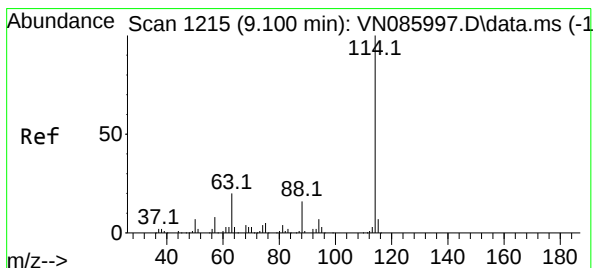
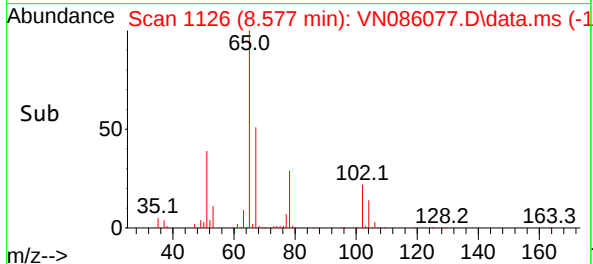
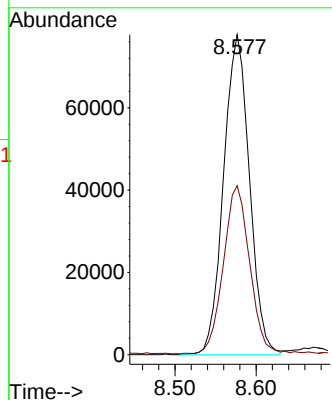
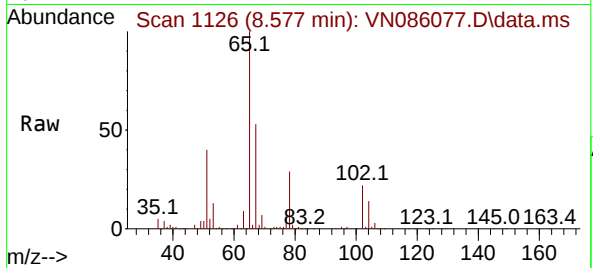
#33
1,2-Dichloroethane-d4
Concen: 46.431 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 65 Resp: 172149
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.2

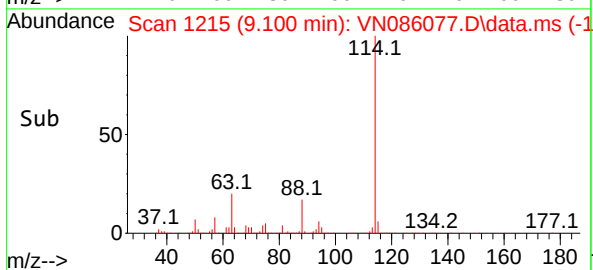
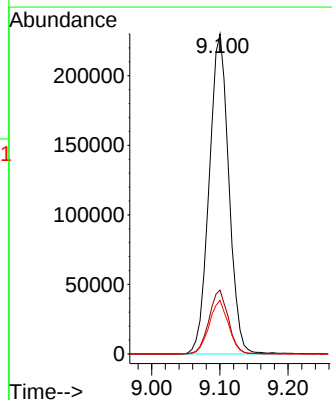
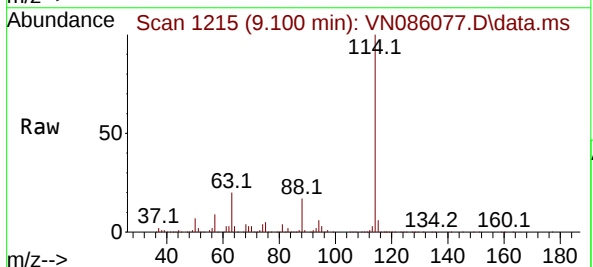
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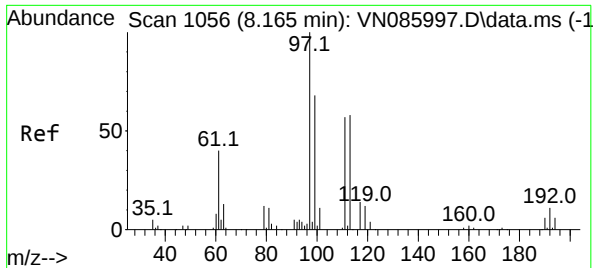
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

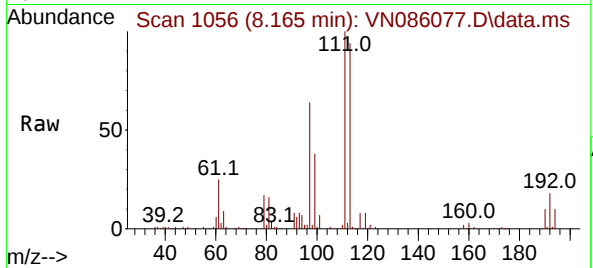
Tgt Ion:114 Resp: 461280
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 44.936 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

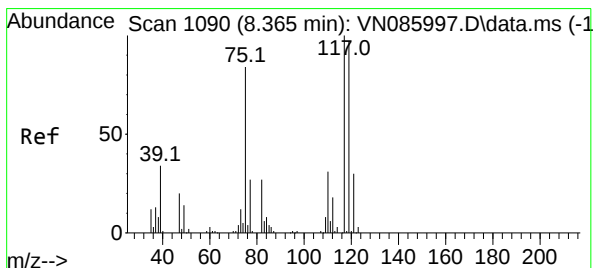
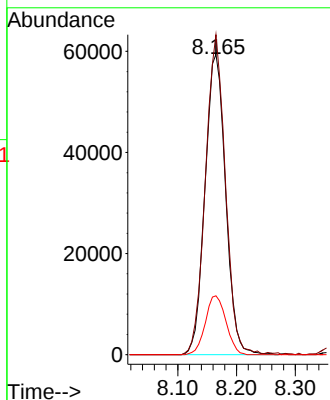
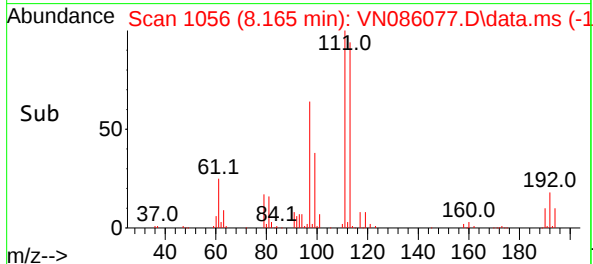
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



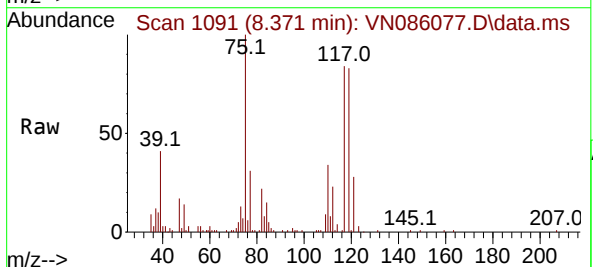
Tgt Ion: 113 Resp: 14468
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 19.6 15.9 23.9

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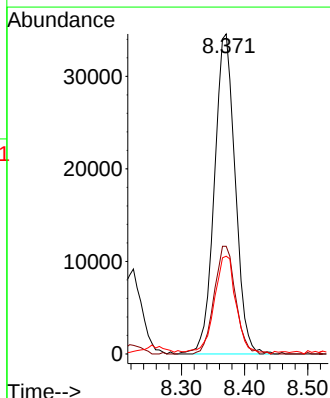
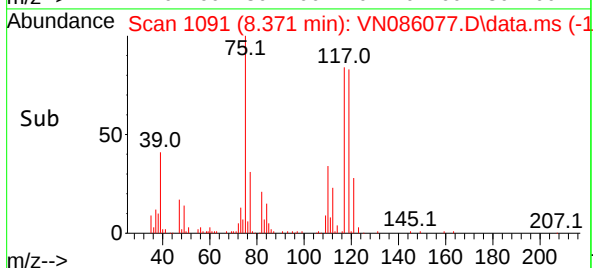
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

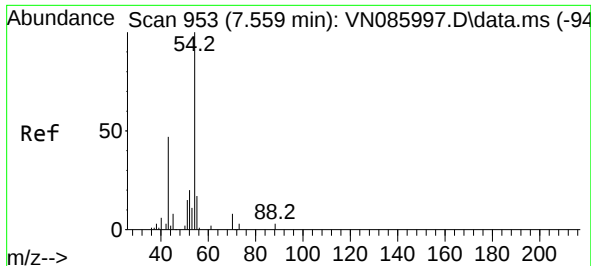


#36
1,1-Dichloropropene
Concen: 18.679 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



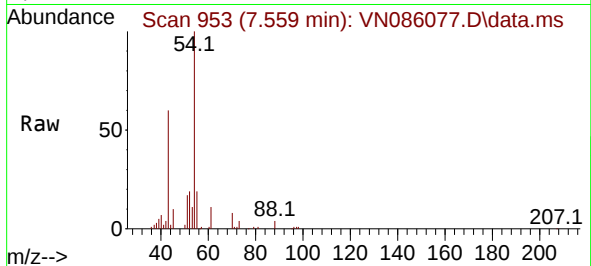
Tgt Ion: 75 Resp: 79190
Ion Ratio Lower Upper
75 100
110 34.4 17.8 53.3
77 32.3 25.0 37.4





#37
Ethyl Acetate
Concen: 18.317 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

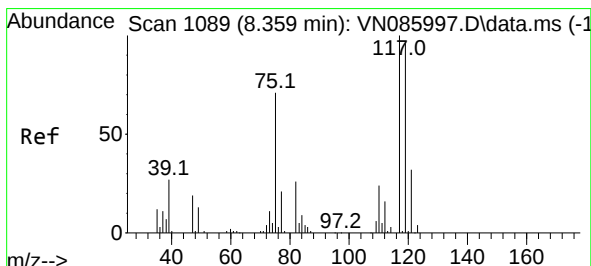
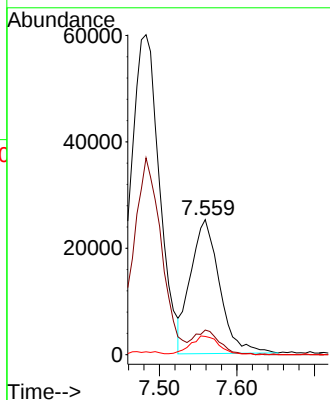
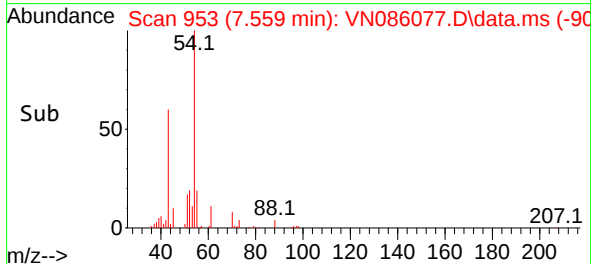
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 43 Resp: 6551
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 13.9 11.0 16.6

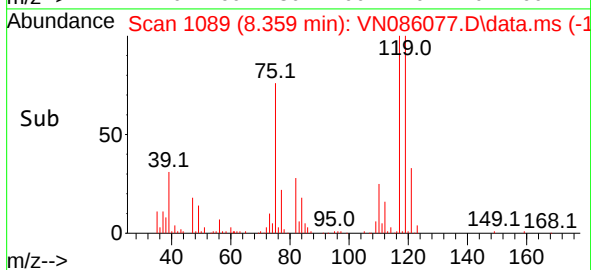
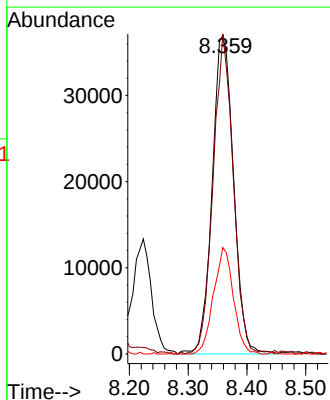
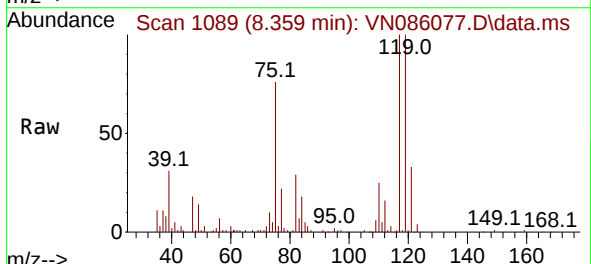
Manual Integrations
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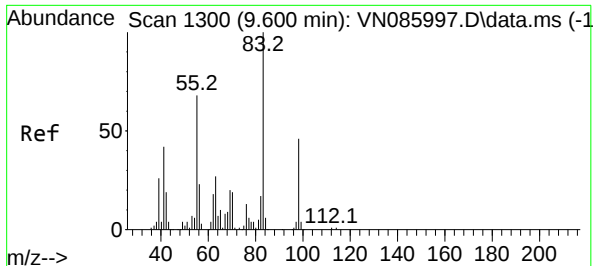
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#38
Carbon Tetrachloride
Concen: 16.764 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion:117 Resp: 93445
Ion Ratio Lower Upper
117 100
119 100.5 77.0 115.4
121 33.4 25.6 38.4





#39

Methylcyclohexane

Concen: 21.380 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

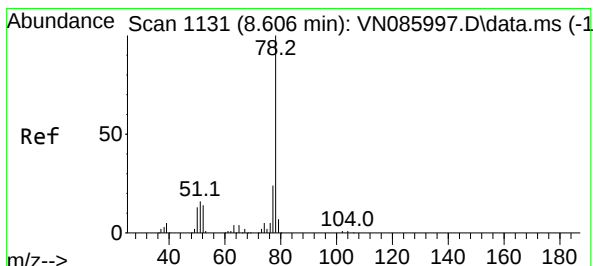
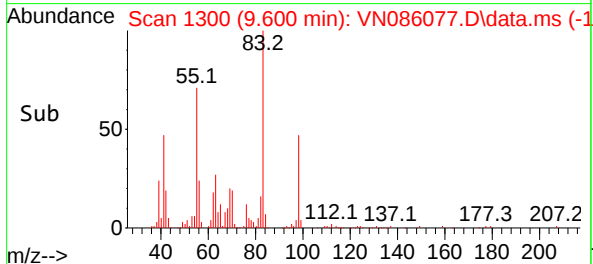
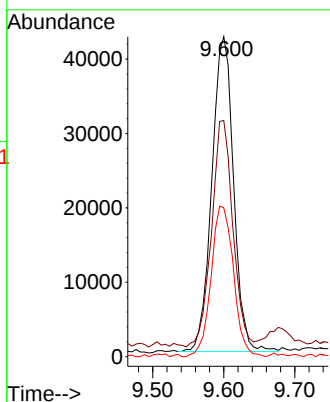
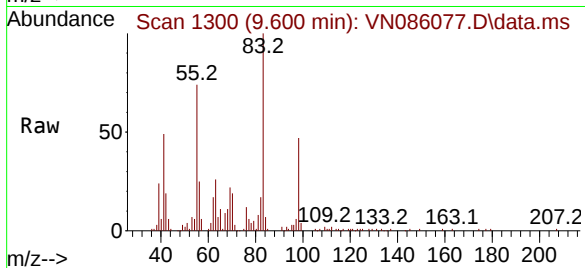
Tgt Ion:	83	Resp:	89930
Ion Ratio	Lower	Upper	
83	100		
55	71.3	54.2	81.2
98	46.8	37.1	55.7

Manual Integrations

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Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#40

Benzene

Concen: 18.990 ug/l

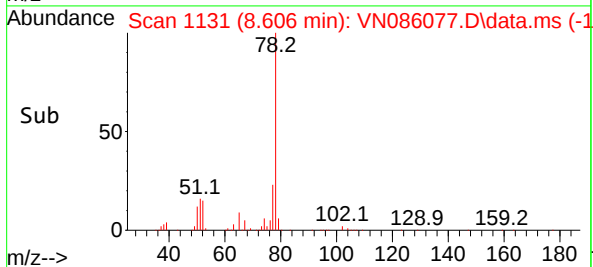
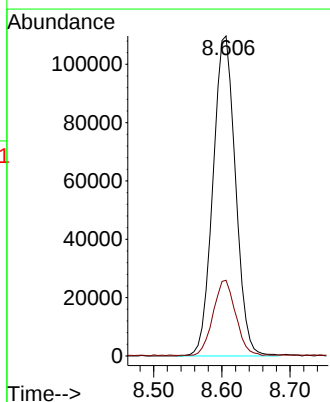
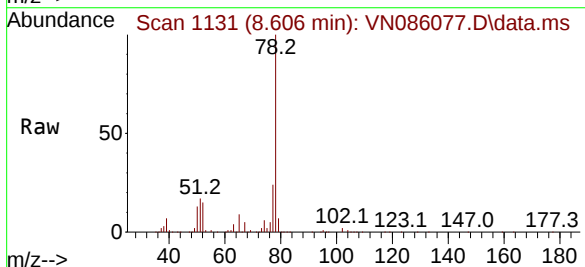
RT: 8.606 min Scan# 1131

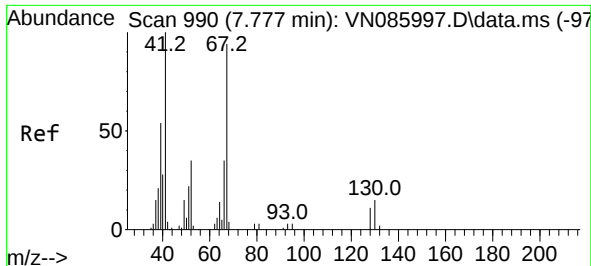
Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

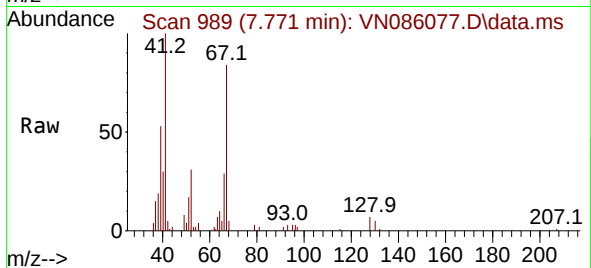
Tgt Ion:	78	Resp:	252741
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.9	28.3





#41
Methacrylonitrile
Concen: 20.334 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

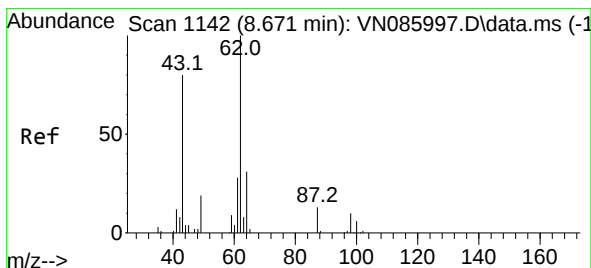
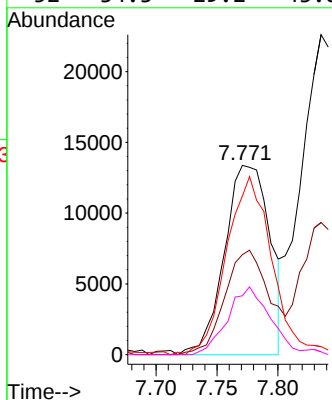
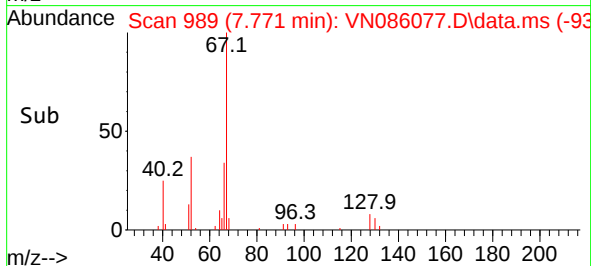
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 41 Resp: 3472
Ion Ratio Lower Upper
41 100
39 54.8 46.2 69.2
67 95.0 75.9 113.9
52 34.3 29.2 43.8

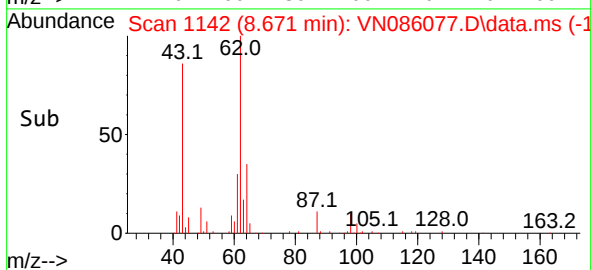
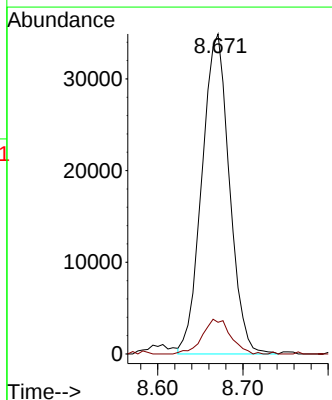
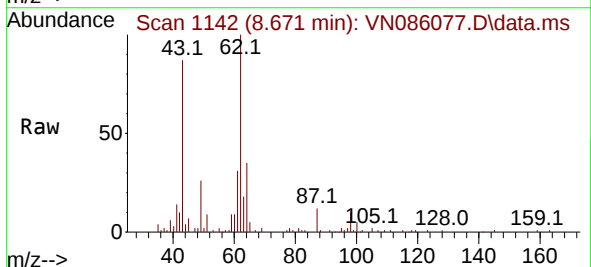
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#42
1,2-Dichloroethane
Concen: 16.874 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

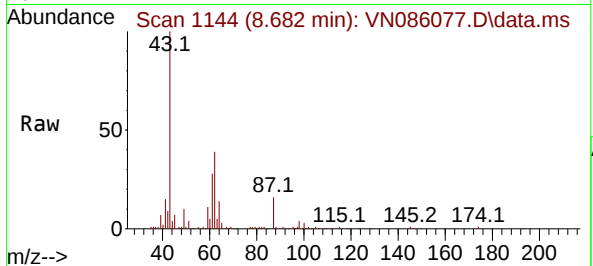
Tgt Ion: 62 Resp: 78250
Ion Ratio Lower Upper
62 100
98 11.2 0.0 18.6





#43
Isopropyl Acetate
Concen: 15.562 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

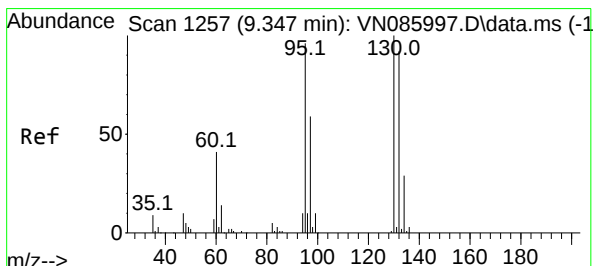
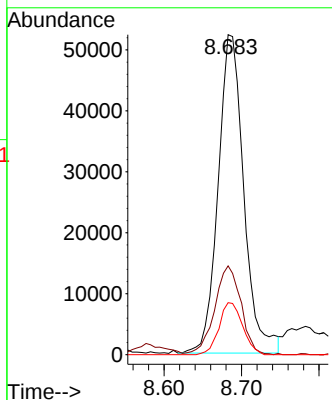
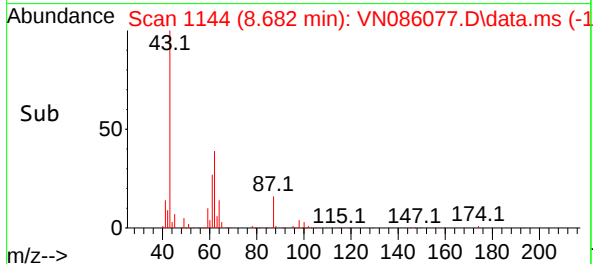
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 43 Resp: 12061
Ion Ratio Lower Upper
43 100
61 28.5 25.0 37.6
87 15.0 13.0 19.4

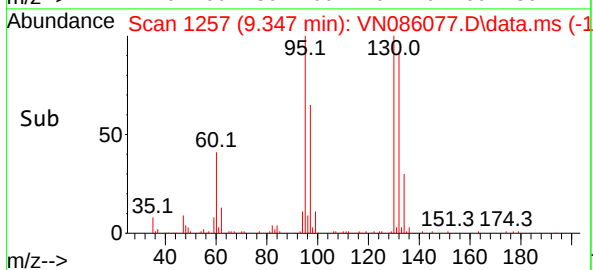
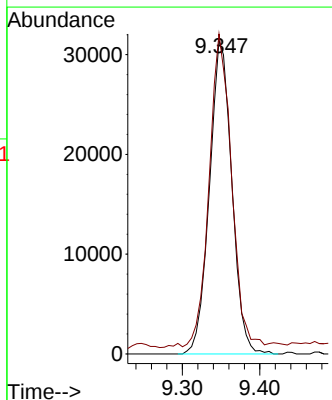
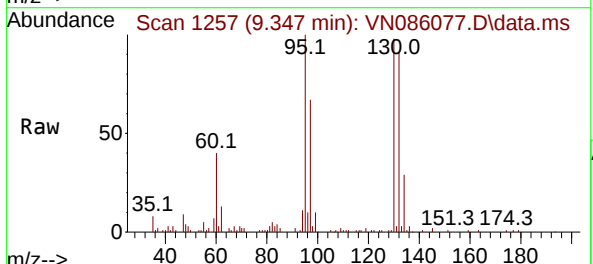
Manual Integrations
APPROVED

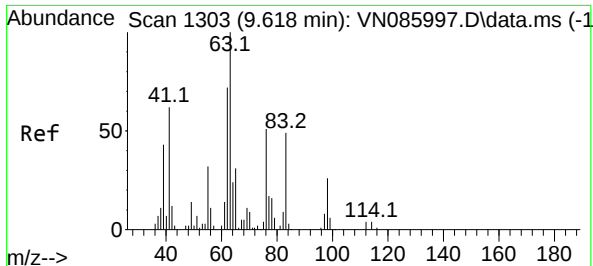
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#44
Trichloroethene
Concen: 18.236 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion:130 Resp: 62903
Ion Ratio Lower Upper
130 100
95 98.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.639 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 63 Resp: 62474

Ion Ratio Lower Upper

63 100

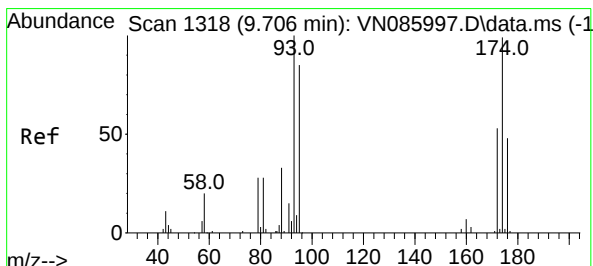
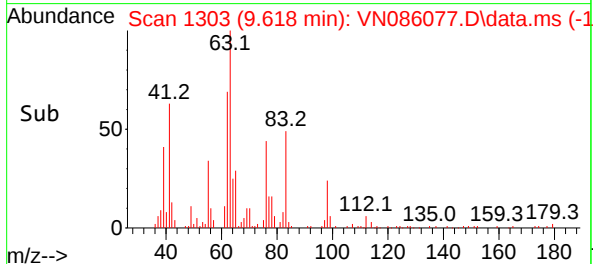
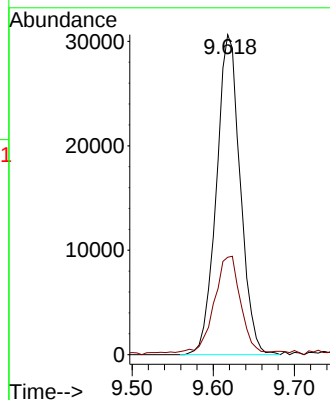
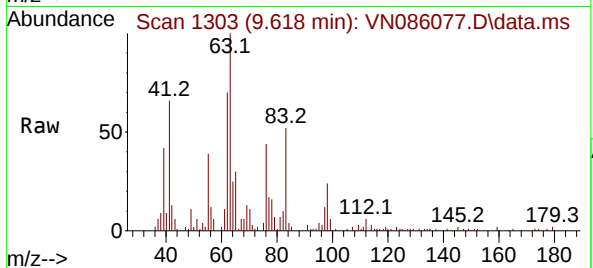
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#46

Dibromomethane

Concen: 17.880 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

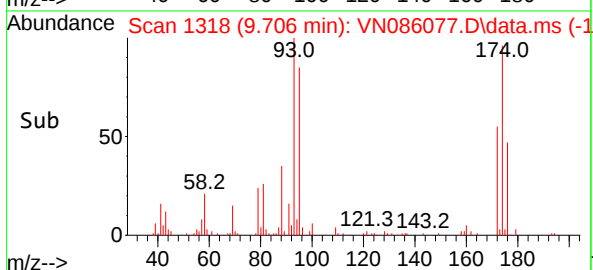
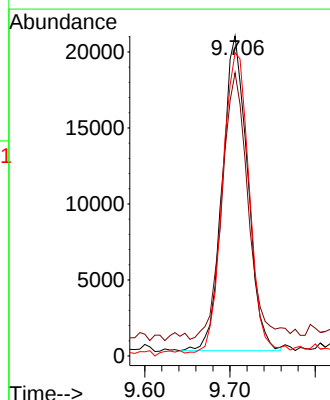
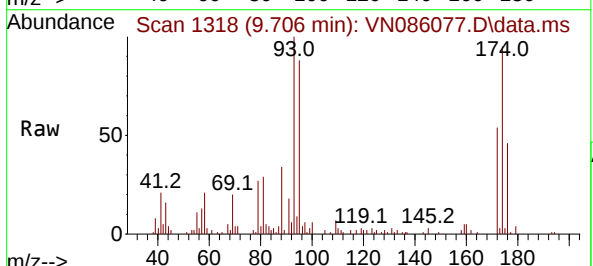
Tgt Ion: 93 Resp: 42564

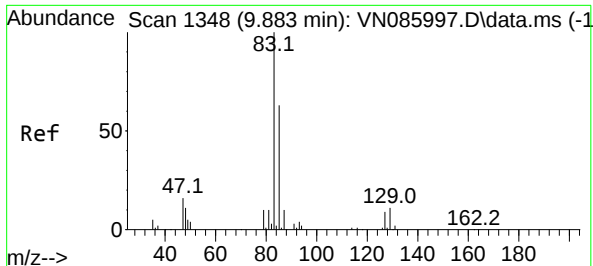
Ion Ratio Lower Upper

93 100

95 88.5 66.2 99.2

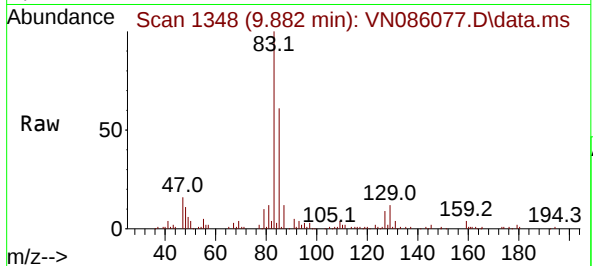
174 101.3 80.1 120.1





#47
Bromodichloromethane
Concen: 18.289 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

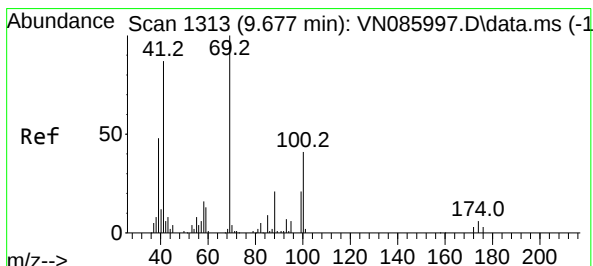
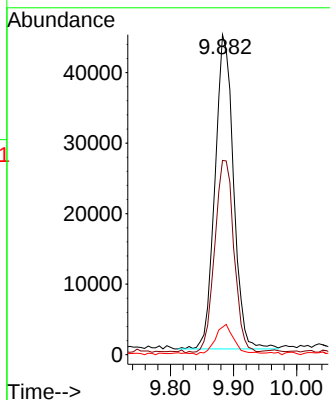
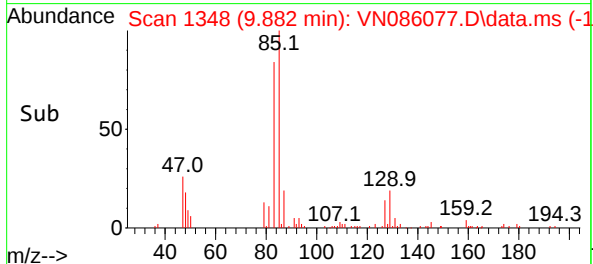
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 83 Resp: 90994
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.2
127 8.1 7.1 10.7

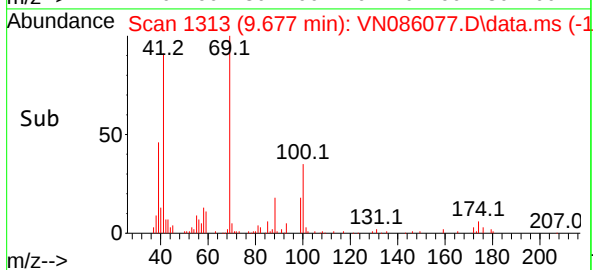
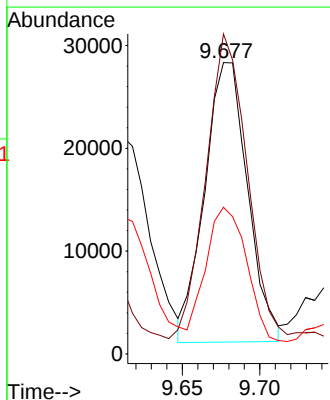
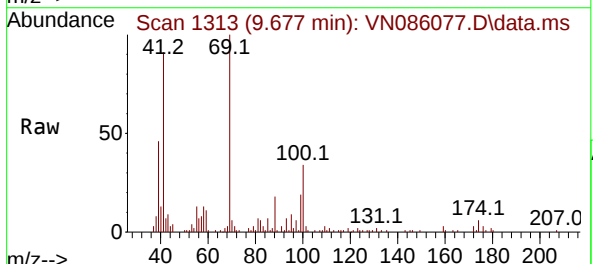
Manual Integrations
APPROVED

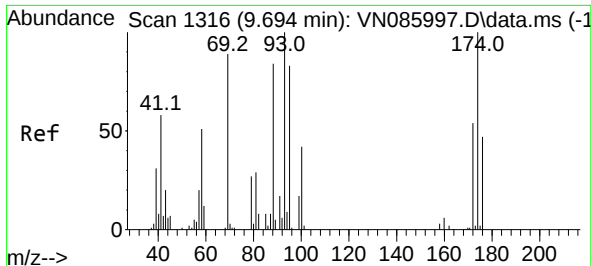
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#48
Methyl methacrylate
Concen: 20.492 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

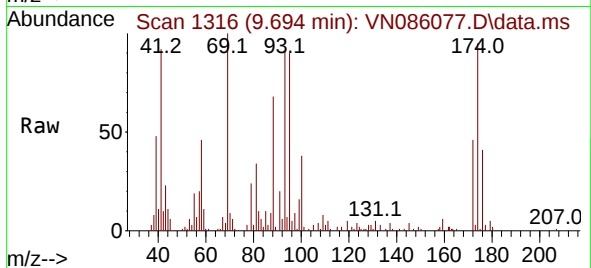
Tgt Ion: 41 Resp: 52409
Ion Ratio Lower Upper
41 100
69 104.9 83.1 124.7
39 51.6 45.6 68.4





#49
1,4-Dioxane
Concen: 375.030 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

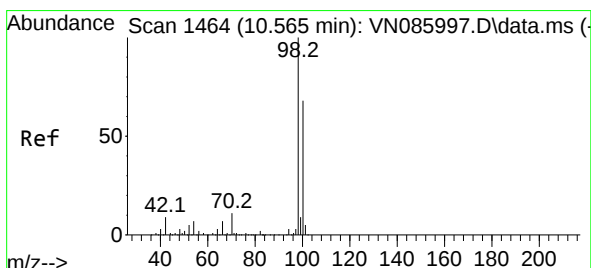
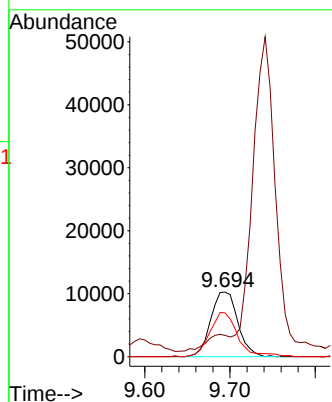
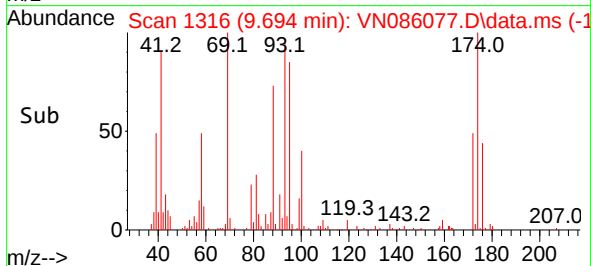
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 88 Resp: 22674
Ion Ratio Lower Upper
88 100
43 22.8 21.7 32.5
58 70.6 50.4 75.6

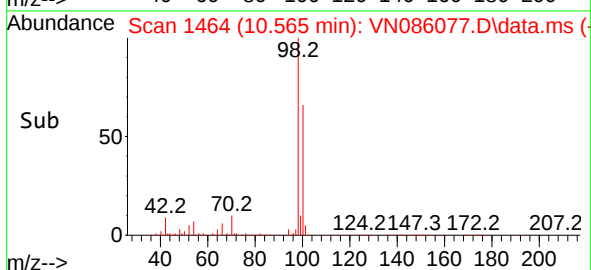
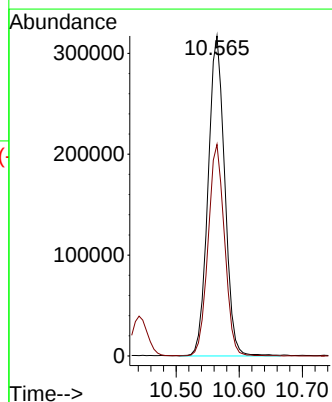
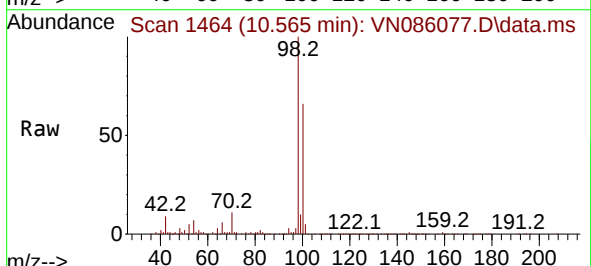
Manual Integrations
APPROVED

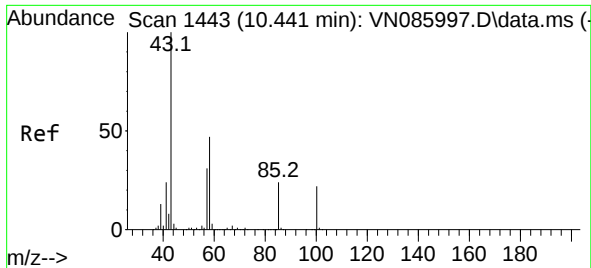
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#50
Toluene-d8
Concen: 49.761 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

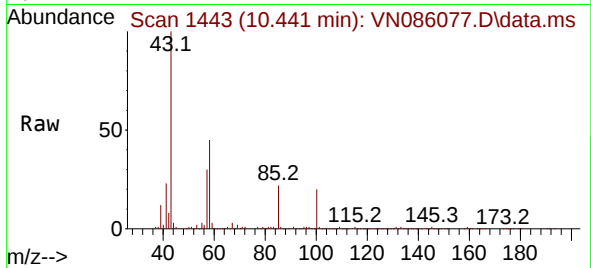
Tgt Ion: 98 Resp: 581461
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 104.929 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

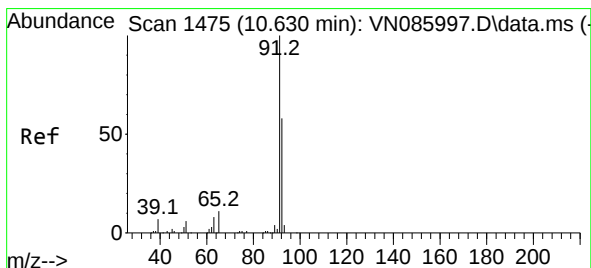
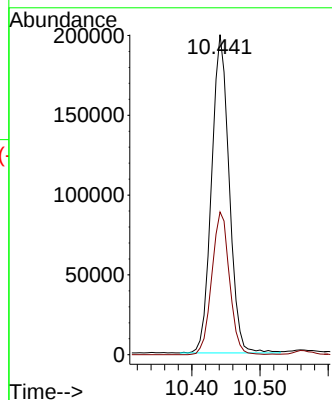
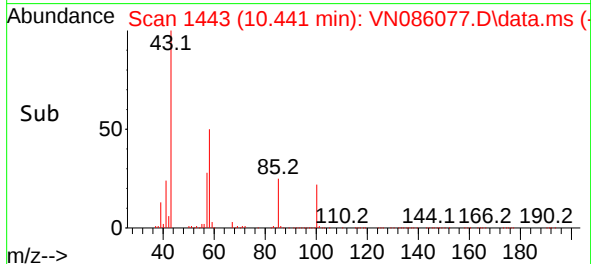
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



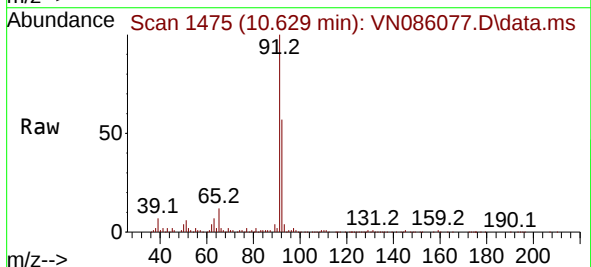
Tgt Ion: 43 Resp: 358658
Ion Ratio Lower Upper
43 100
58 45.0 37.4 56.0

Manual Integrations
APPROVED

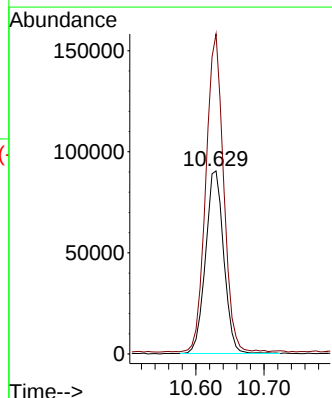
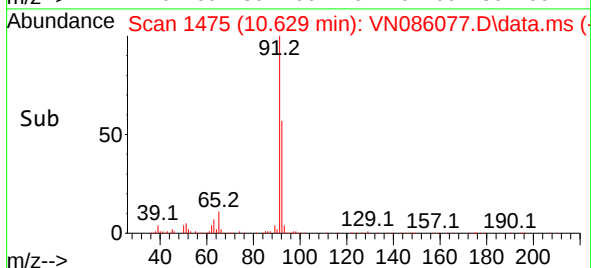
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

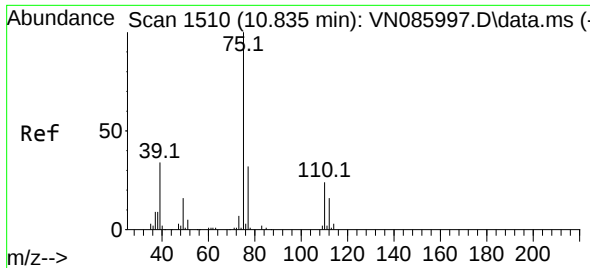


#52
Toluene
Concen: 20.544 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



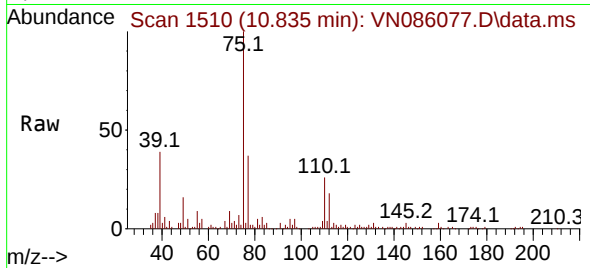
Tgt Ion: 92 Resp: 167806
Ion Ratio Lower Upper
92 100
91 168.2 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 19.594 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

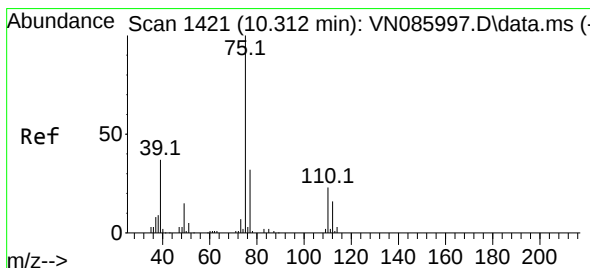
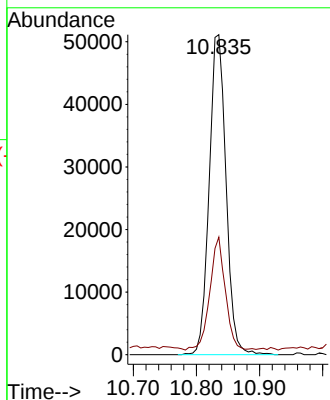
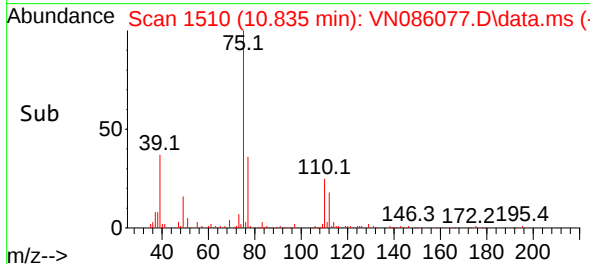
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



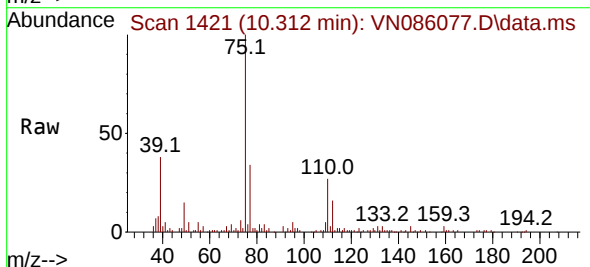
Tgt Ion: 75 Resp: 94674
Ion Ratio Lower Upper
75 100
77 35.3 25.3 37.9

Manual Integrations
APPROVED

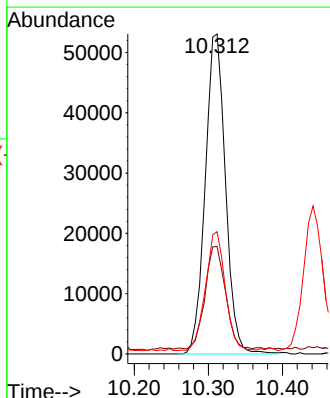
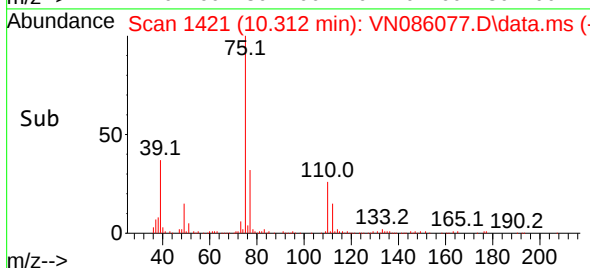
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

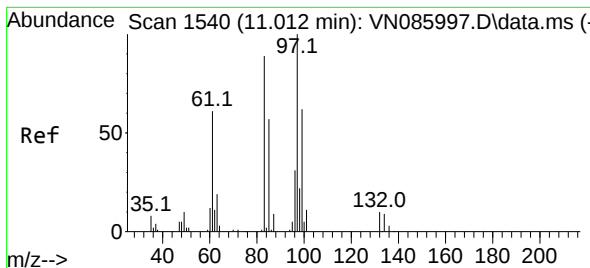


#54
cis-1,3-Dichloropropene
Concen: 19.774 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



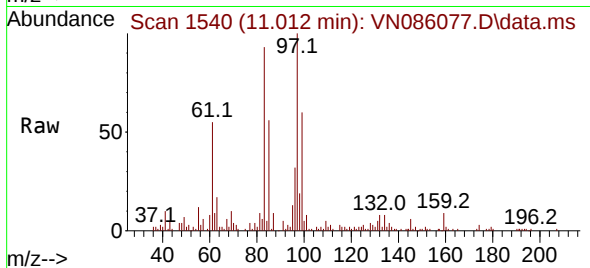
Tgt Ion: 75 Resp: 100807
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 37.2 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 20.772 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

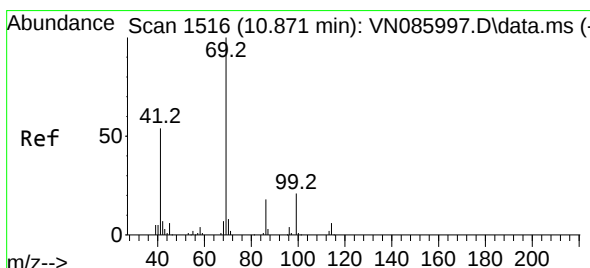
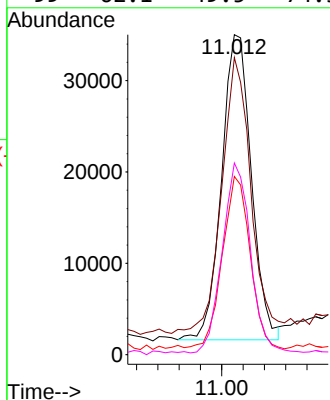
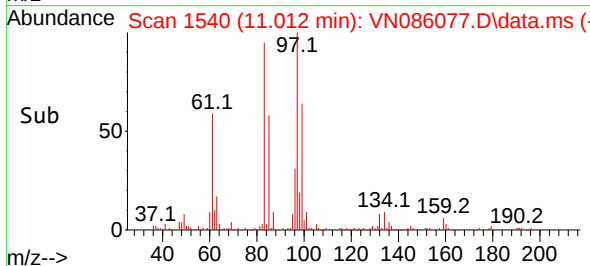
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



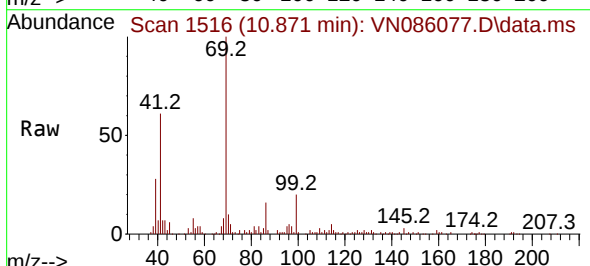
Tgt Ion: 97 Resp: 6476
Ion Ratio Lower Upper
97 100
83 89.1 71.2 106.8
85 55.9 45.4 68.0
99 62.1 49.5 74.3

Manual Integrations
APPROVED

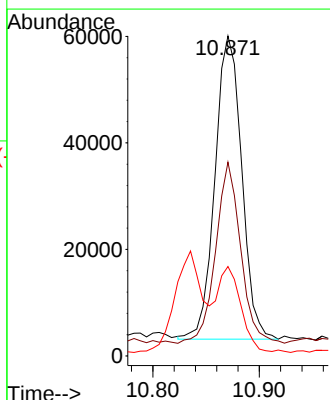
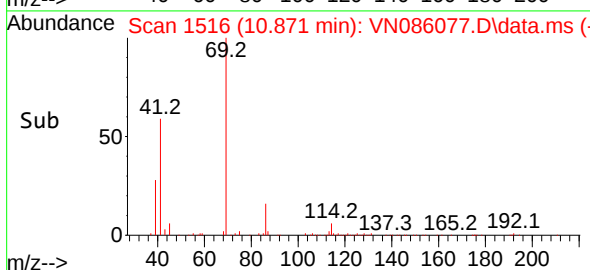
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

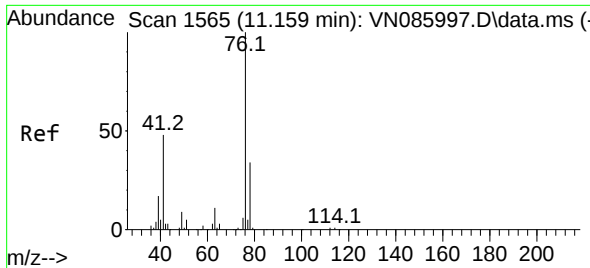


#56
Ethyl methacrylate
Concen: 22.943 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



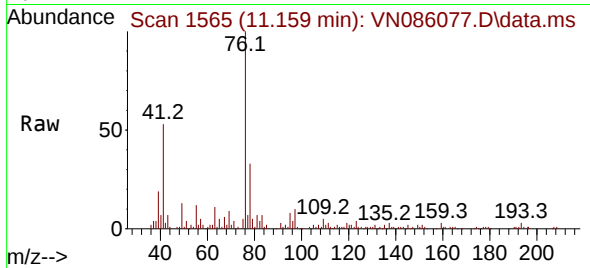
Tgt Ion: 69 Resp: 99180
Ion Ratio Lower Upper
69 100
41 55.9 41.6 62.4
39 24.7 21.8 32.8





#57
1,3-Dichloropropane
Concen: 20.435 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

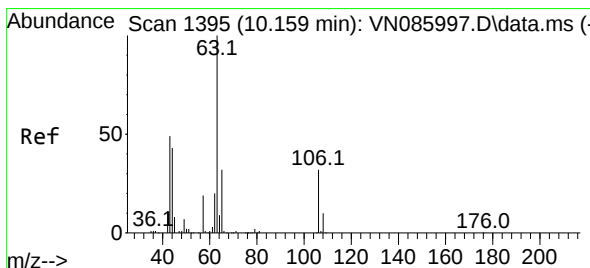
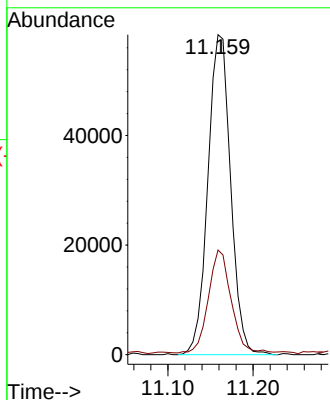
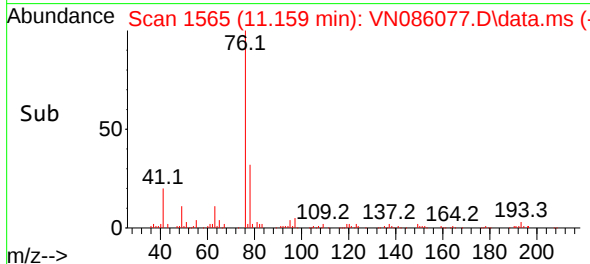
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



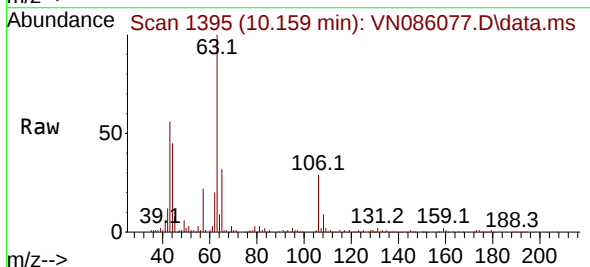
Tgt Ion: 76 Resp: 108208
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.6

Manual Integrations
APPROVED

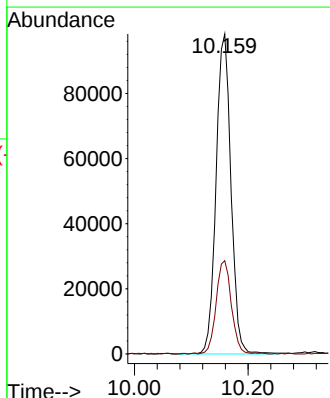
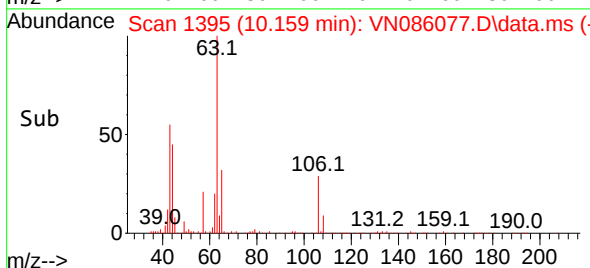
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

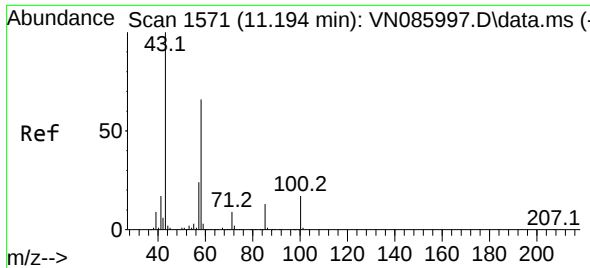


#58
2-Chloroethyl Vinyl ether
Concen: 109.859 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



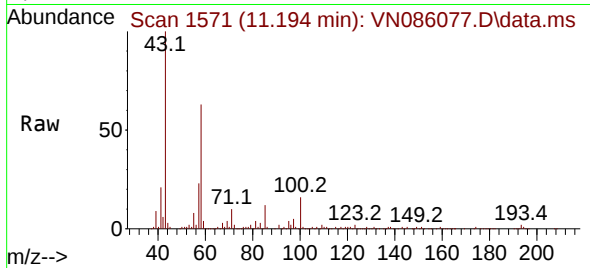
Tgt Ion: 63 Resp: 178650
Ion Ratio Lower Upper
63 100
106 30.0 25.0 37.6





#59
2-Hexanone
Concen: 106.777 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

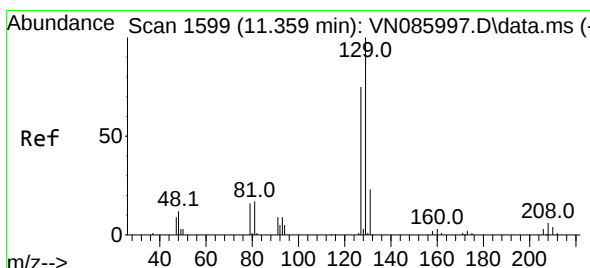
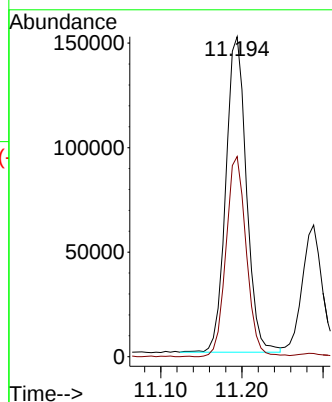
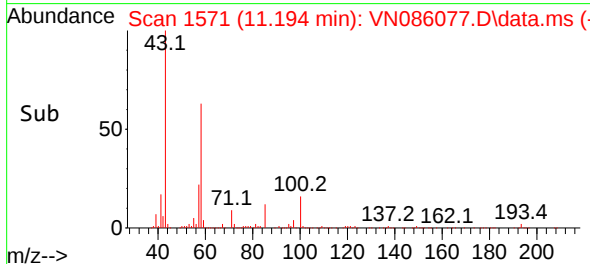
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 43 Resp: 26588
Ion Ratio Lower Upper
43 100
58 62.5 32.4 97.2

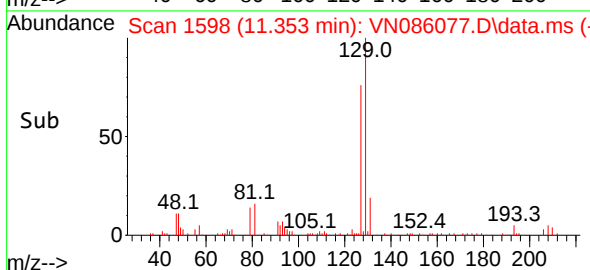
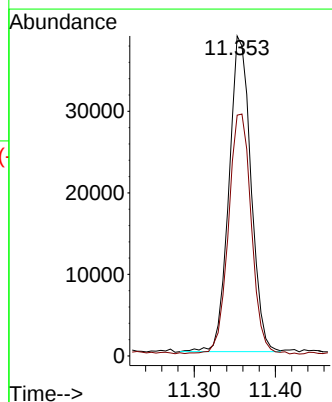
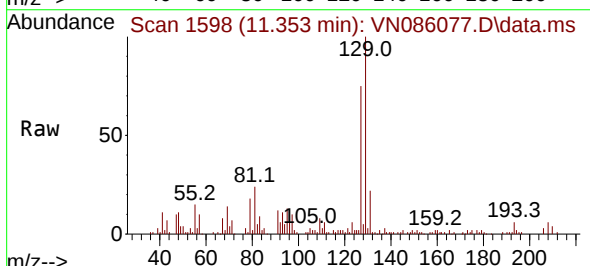
Manual Integrations
APPROVED

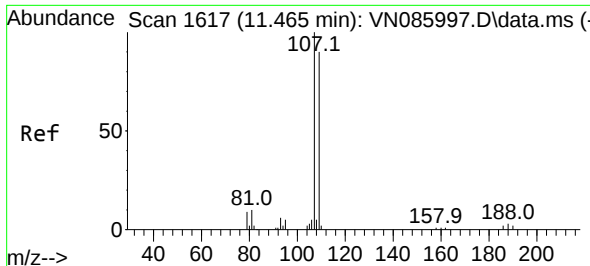
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#60
Dibromochloromethane
Concen: 18.036 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion:129 Resp: 72557
Ion Ratio Lower Upper
129 100
127 79.5 37.8 113.4





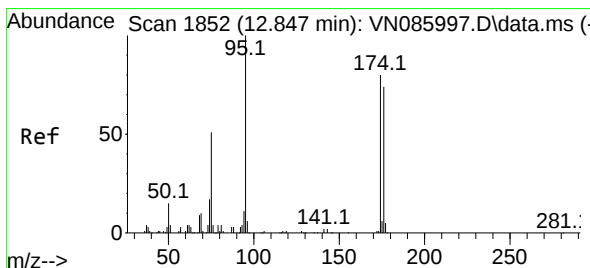
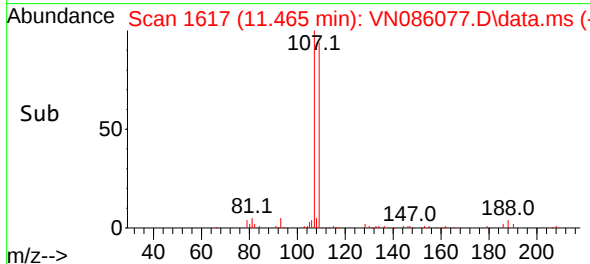
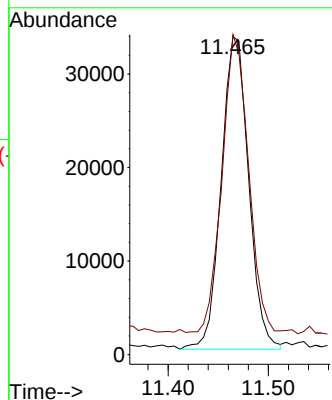
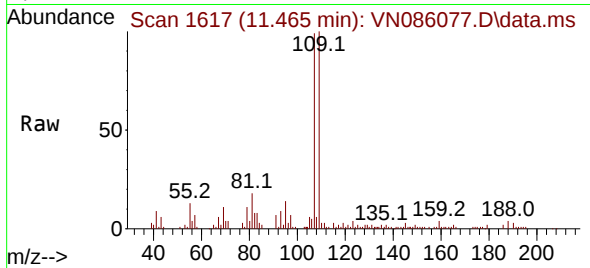
#61
1,2-Dibromoethane
Concen: 19.824 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:107 Resp: 63450
Ion Ratio Lower Upper
107 100
109 93.0 73.3 109.9

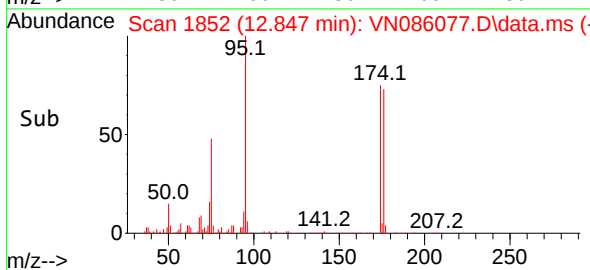
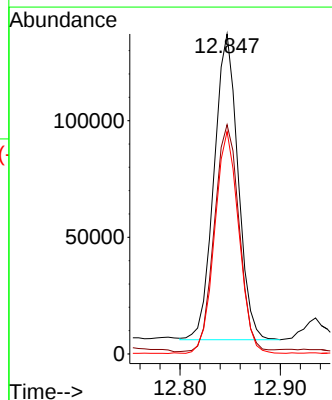
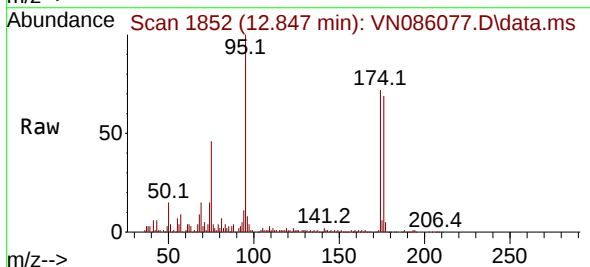
Manual Integrations
APPROVED

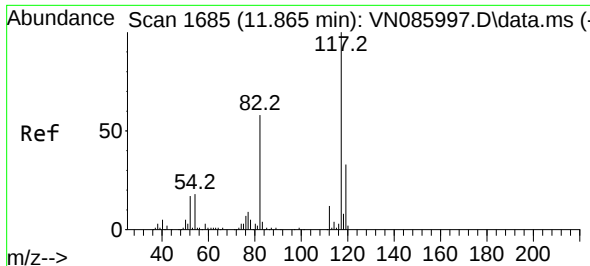
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

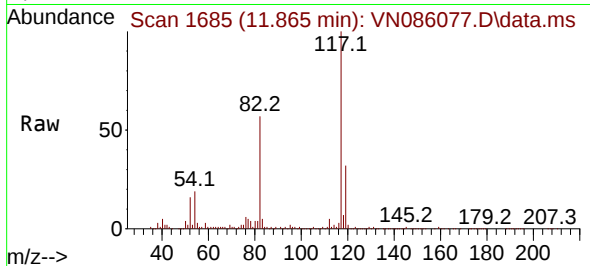
Tgt Ion: 95 Resp: 217661
Ion Ratio Lower Upper
95 100
174 76.6 0.0 156.8
176 73.2 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

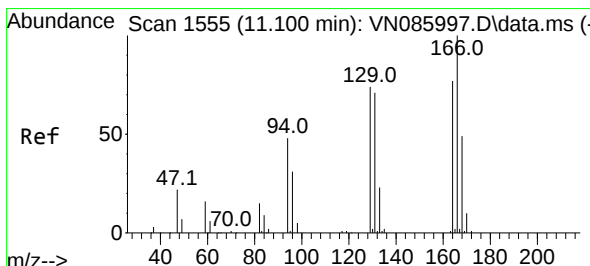
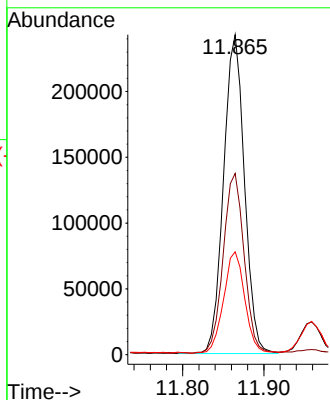
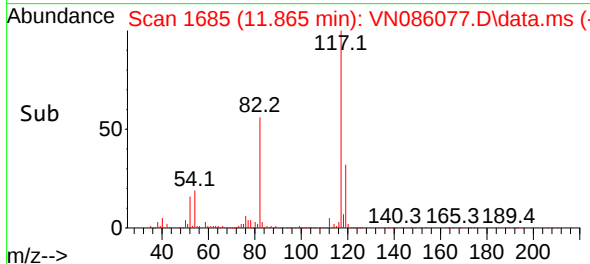
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:117 Resp: 433499
Ion Ratio Lower Upper
117 100
82 56.3 46.7 70.1
119 31.5 26.5 39.7

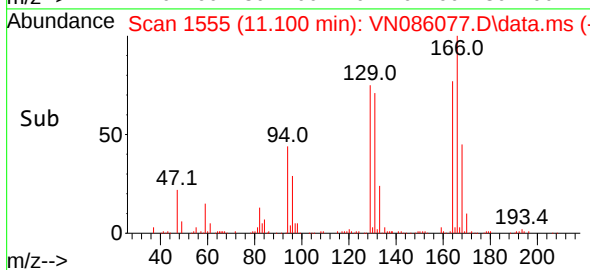
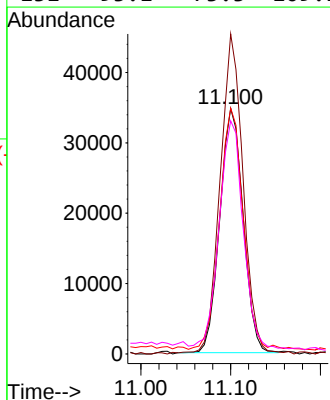
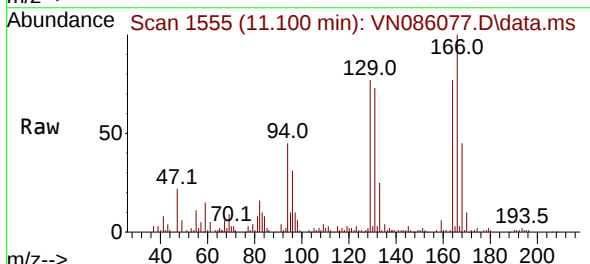
Manual Integrations
APPROVED

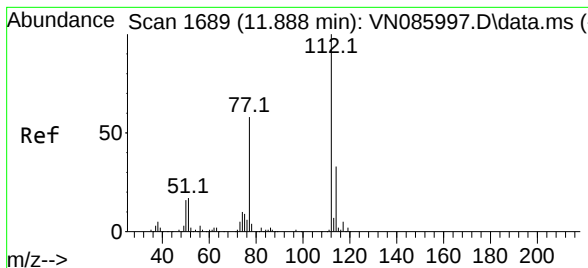
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#64
Tetrachloroethene
Concen: 18.067 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

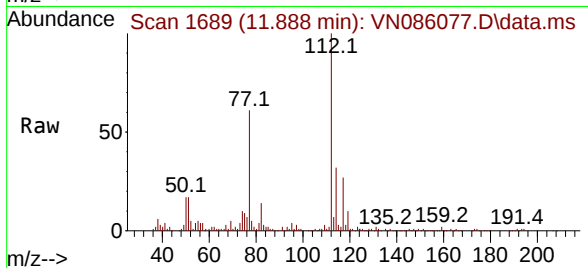
Tgt Ion:164 Resp: 62476
Ion Ratio Lower Upper
164 100
166 130.6 103.7 155.5
129 97.9 77.1 115.7
131 93.1 73.3 109.9





#65
Chlorobenzene
Concen: 18.618 ug/l
RT: 11.888 min Scan# 1188
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

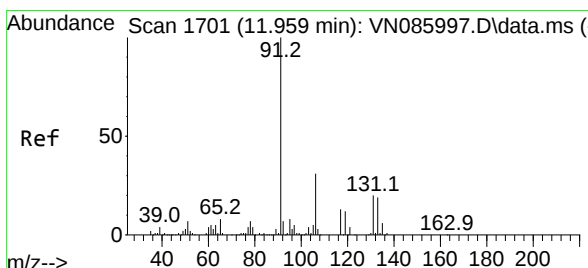
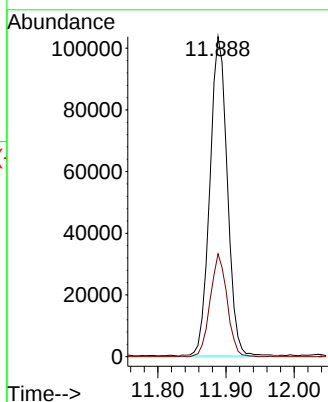
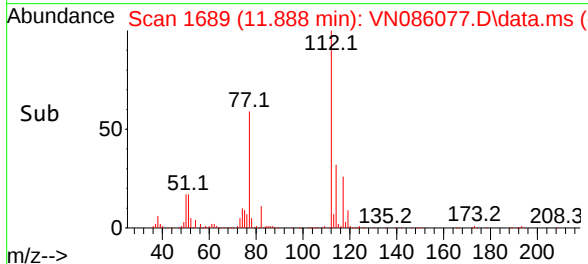
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



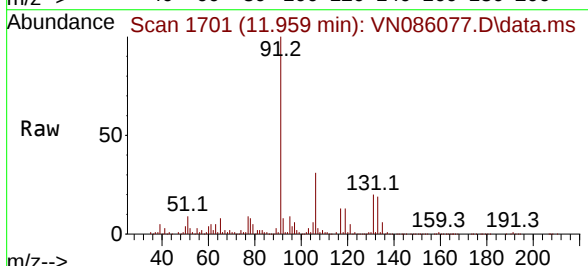
Tgt Ion:112 Resp: 18468
Ion Ratio Lower Upper
112 100
114 32.2 26.3 39.5

Manual Integrations
APPROVED

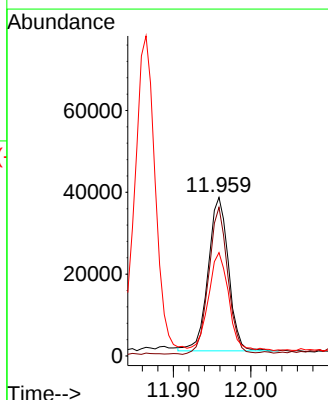
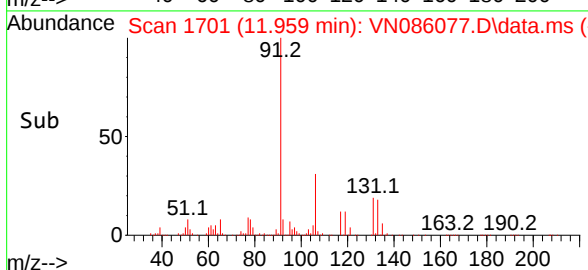
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

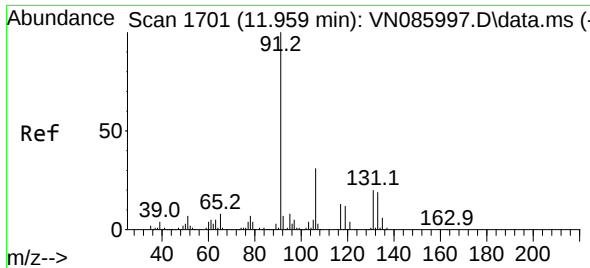


#66
1,1,1,2-Tetrachloroethane
Concen: 18.507 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



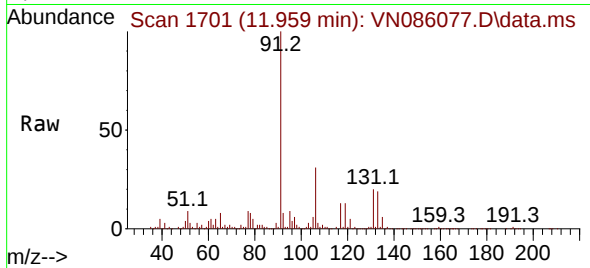
Tgt Ion:131 Resp: 68245
Ion Ratio Lower Upper
131 100
133 91.1 47.0 141.0
119 62.6 31.4 94.0





#67
Ethyl Benzene
Concen: 20.464 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

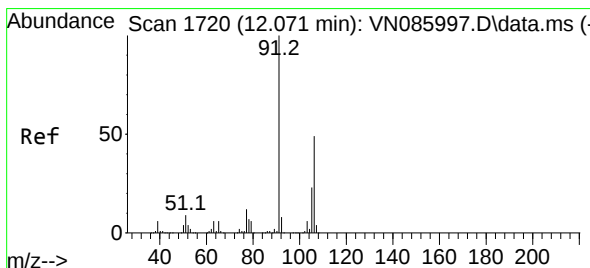
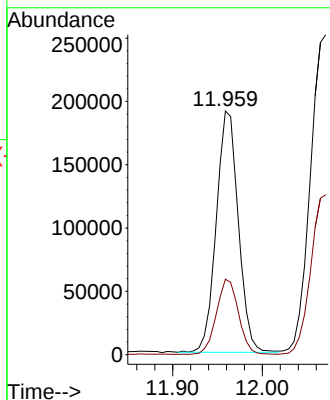
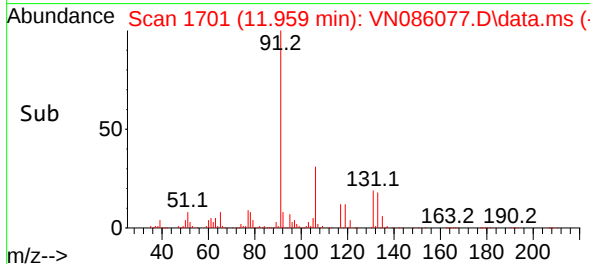
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



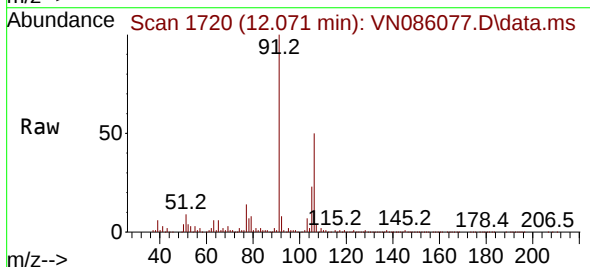
Tgt Ion: 91 Resp: 324719
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

Manual Integrations
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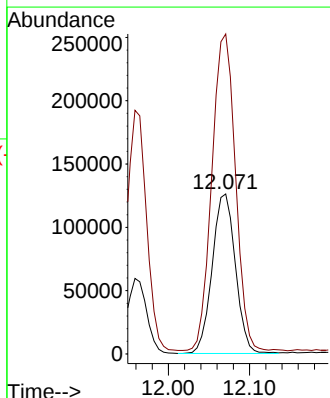
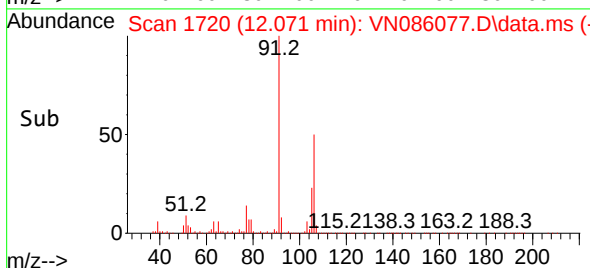
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

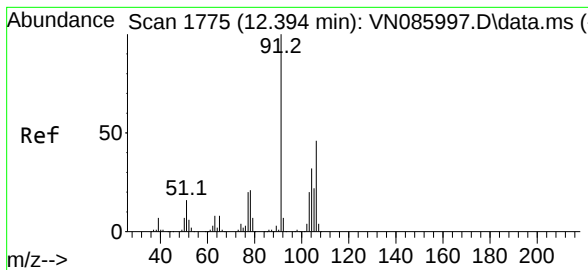


#68
m/p-Xylenes
Concen: 40.110 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



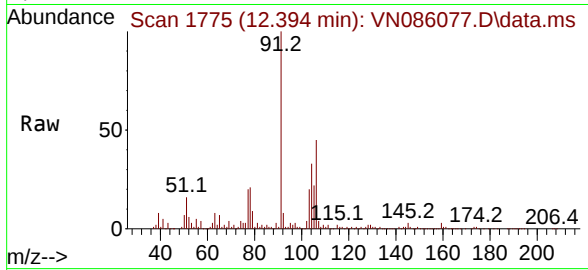
Tgt Ion:106 Resp: 250152
Ion Ratio Lower Upper
106 100
91 201.3 163.9 245.9





#69
o-Xylene
Concen: 21.921 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

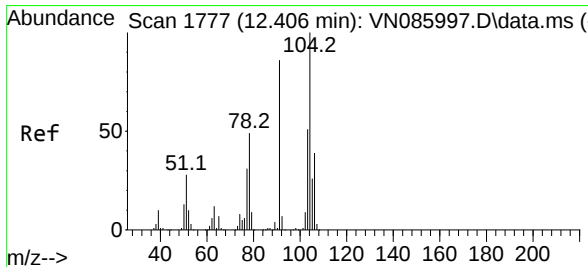
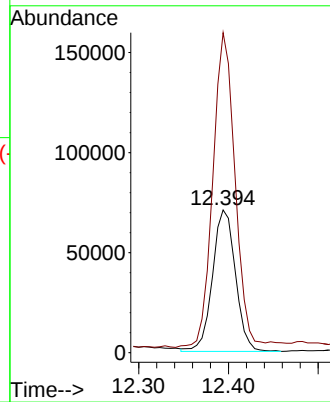
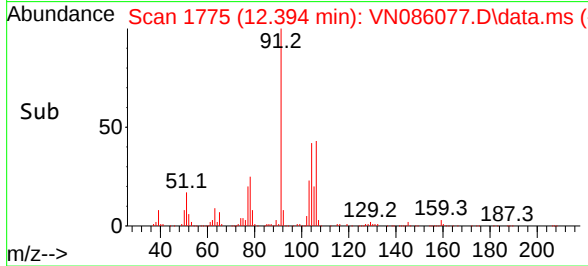
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



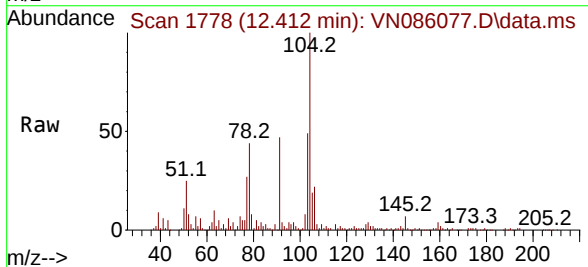
Tgt Ion:106 Resp: 125479
Ion Ratio Lower Upper
106 100
91 214.2 109.1 327.2

Manual Integrations
APPROVED

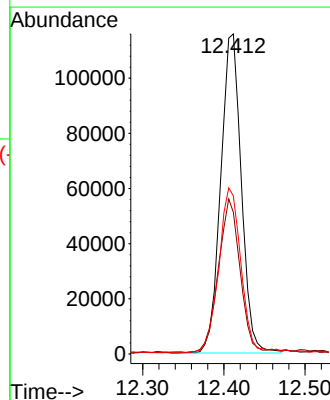
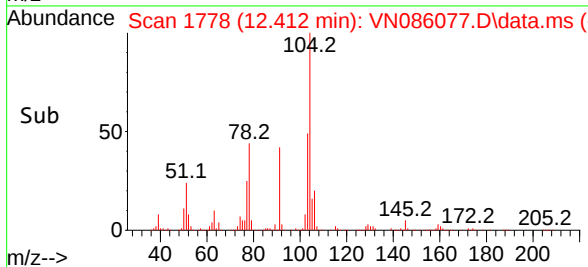
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

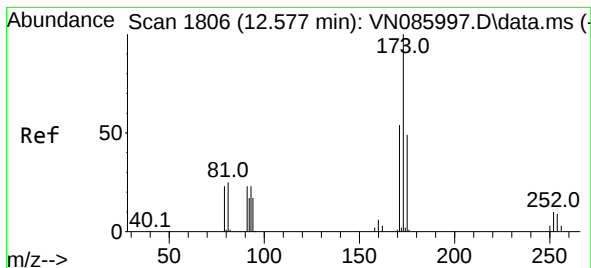


#70
Styrene
Concen: 20.908 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



Tgt Ion:104 Resp: 204422
Ion Ratio Lower Upper
104 100
78 50.4 41.4 62.2
103 56.2 42.9 64.3





#71

Bromoform

Concen: 17.523 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

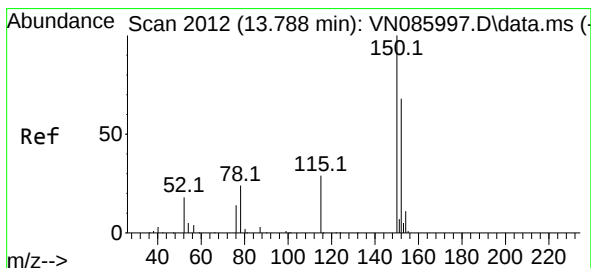
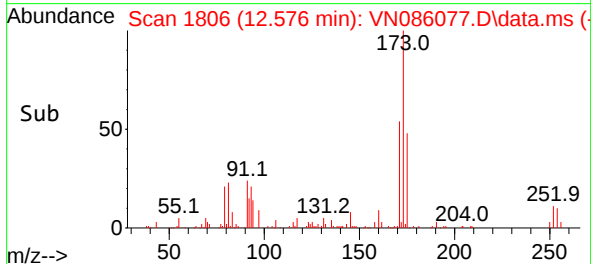
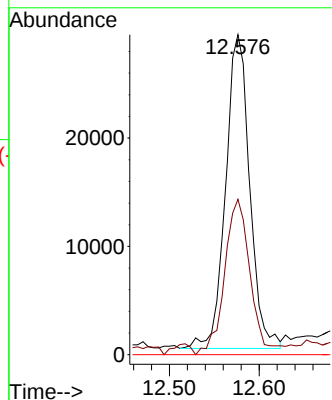
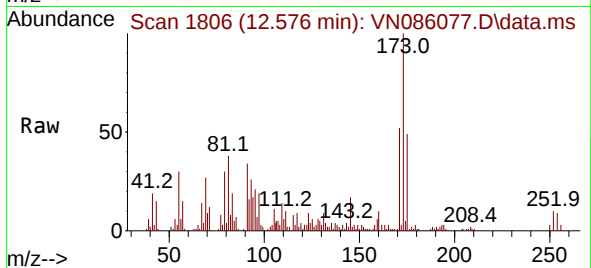
Tgt Ion:173 Resp: 54015
 Ion Ratio Lower Upper
 173 100
 175 52.0 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

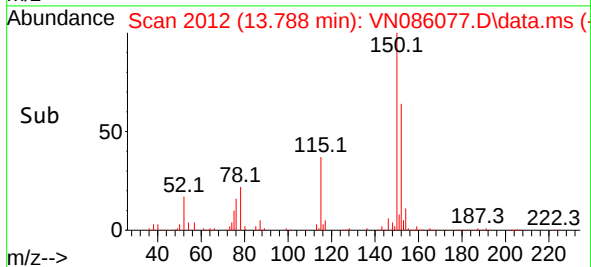
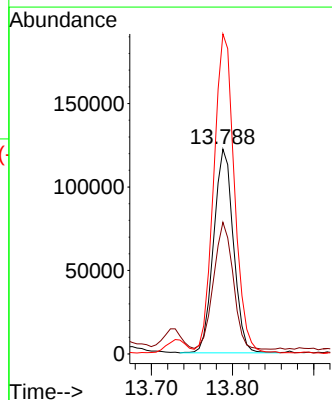
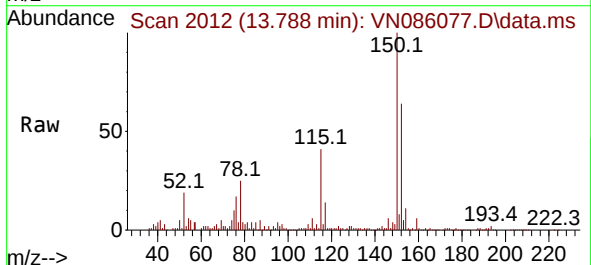
RT: 13.788 min Scan# 2012

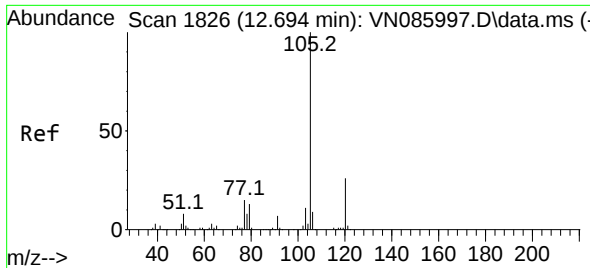
Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

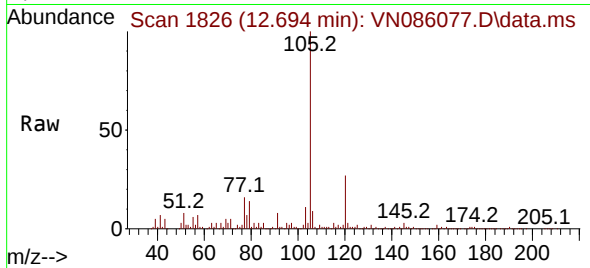
Tgt Ion:152 Resp: 206640
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.1 93.2
 150 163.0 0.0 359.6





#73
Isopropylbenzene
Concen: 22.524 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

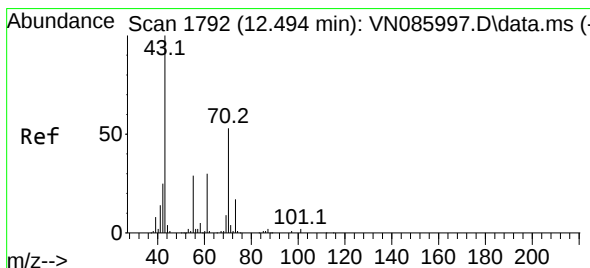
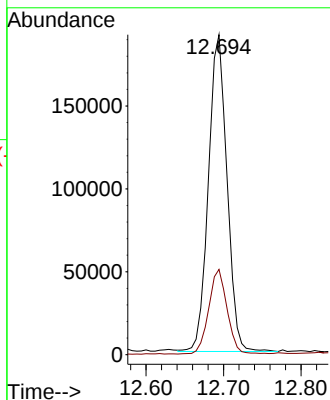
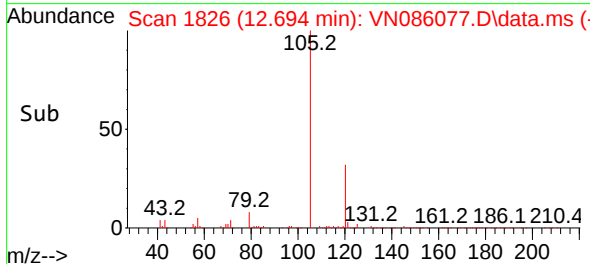
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



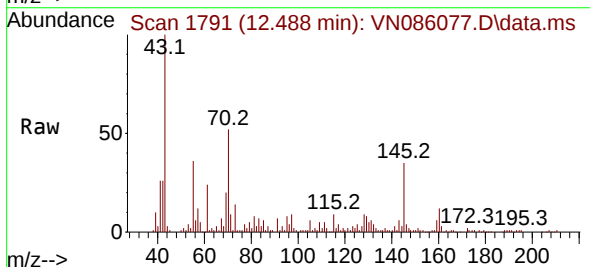
Tgt Ion:105 Resp: 31783
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

Manual Integrations
APPROVED

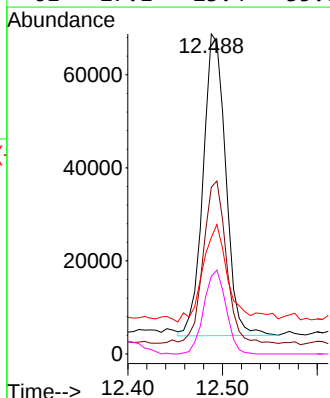
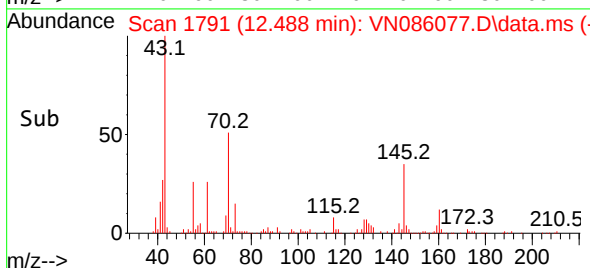
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

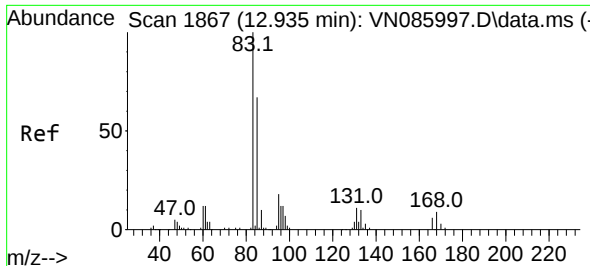


#74
N-ethyl acetate
Concen: 22.807 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



Tgt Ion: 43 Resp: 107676
Ion Ratio Lower Upper
43 100
70 55.1 43.0 64.4
55 34.6 23.8 35.8
61 27.1 23.4 35.0





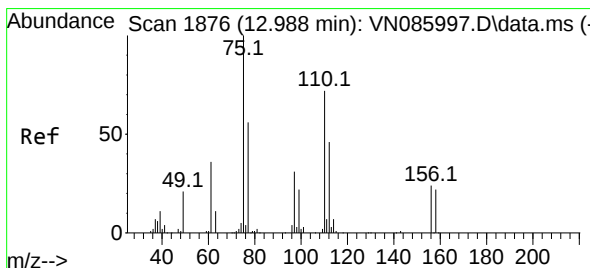
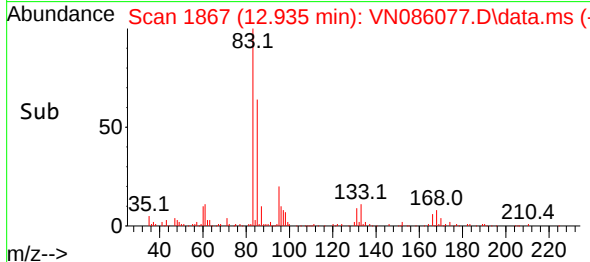
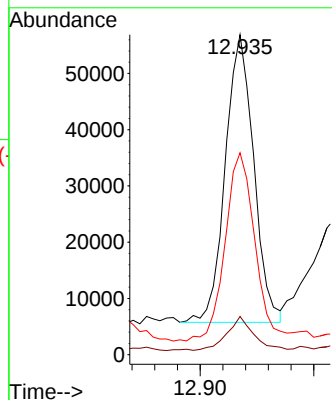
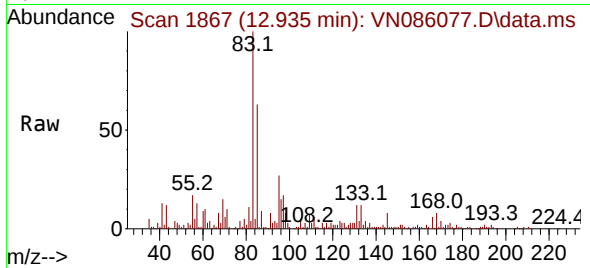
#75
1,1,2,2-Tetrachloroethane
Concen: 18.631 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 83 Resp: 8894
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.5
85 68.2 32.6 97.8

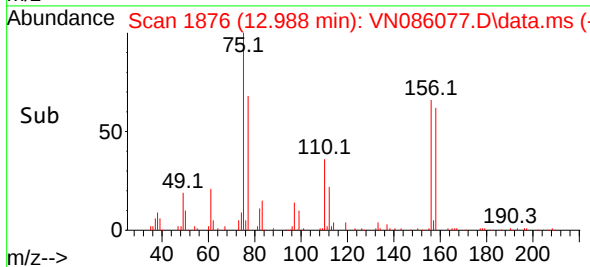
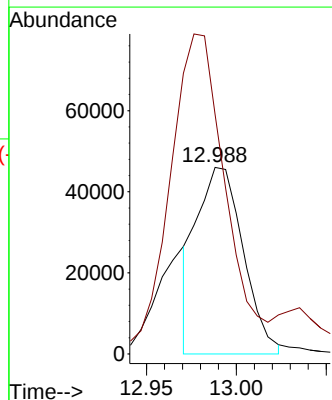
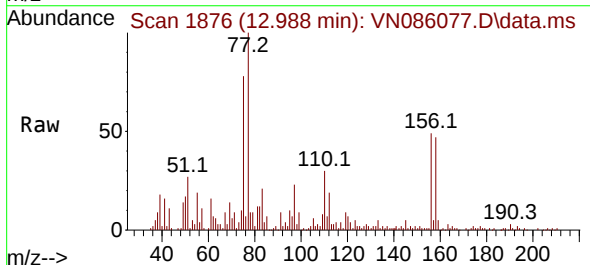
Manual Integrations
APPROVED

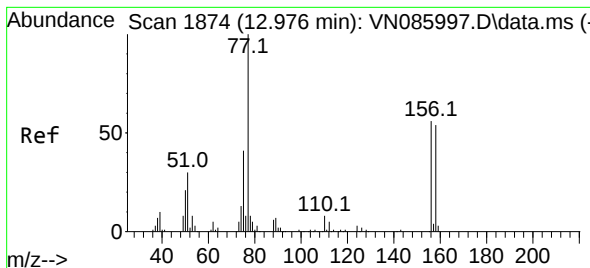
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#76
1,2,3-Trichloropropane
Concen: 17.868 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion: 75 Resp: 82660
Ion Ratio Lower Upper
75 100
77 194.0 83.7 251.0





#77

Bromobenzene

Concen: 18.908 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

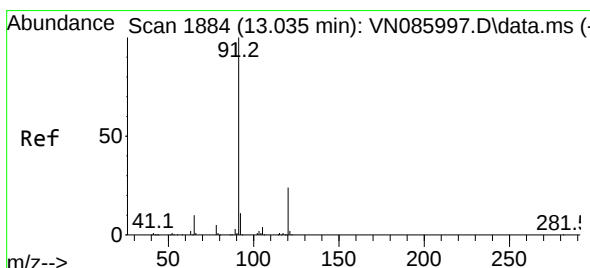
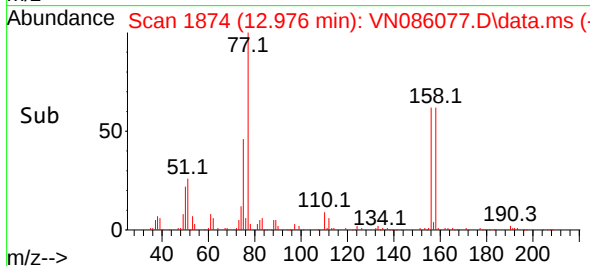
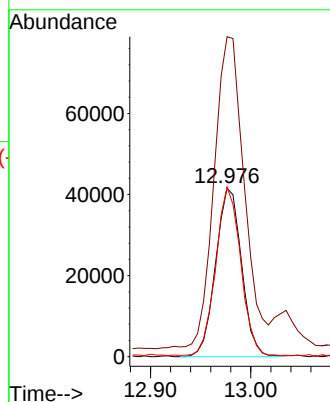
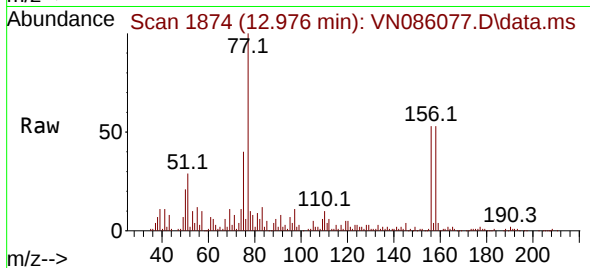
Tgt Ion:	156	Resp:	7439
Ion Ratio	Lower	Upper	
156	100		
77	215.6	104.1	312.3
158	96.4	49.0	147.0

Manual Integrations

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Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#78

n-propylbenzene

Concen: 22.042 ug/l

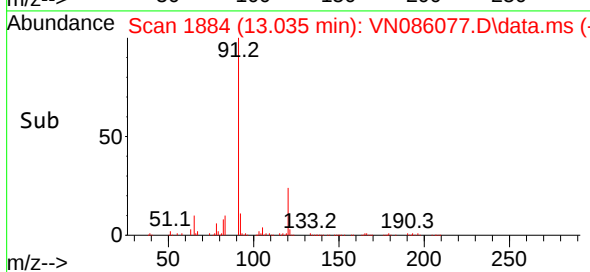
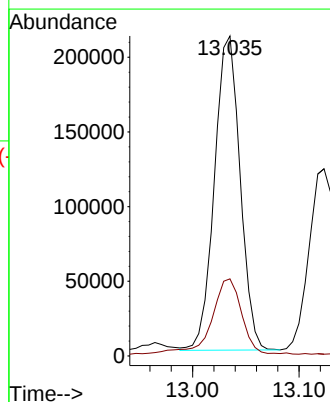
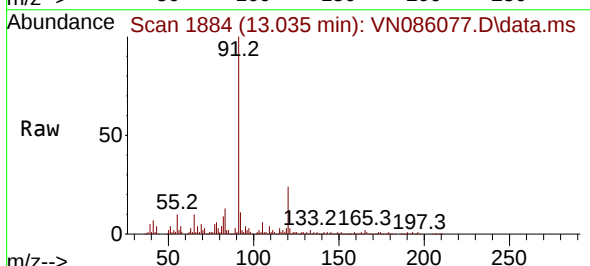
RT: 13.035 min Scan# 1884

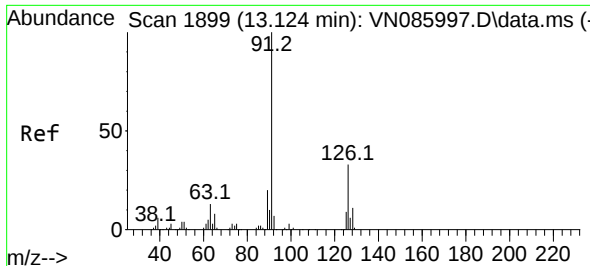
Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Tgt Ion:	91	Resp:	352210
Ion Ratio	Lower	Upper	
91	100		
120	29.9	11.7	35.0





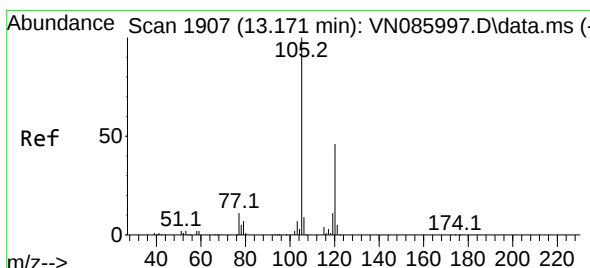
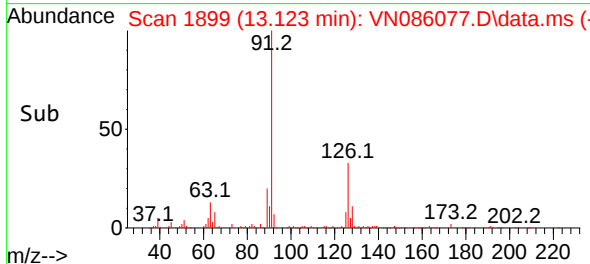
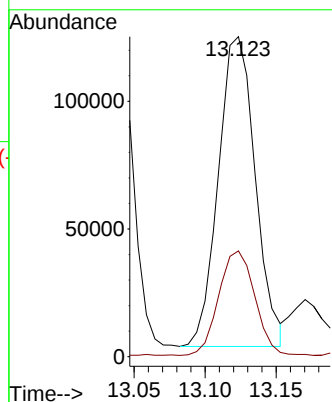
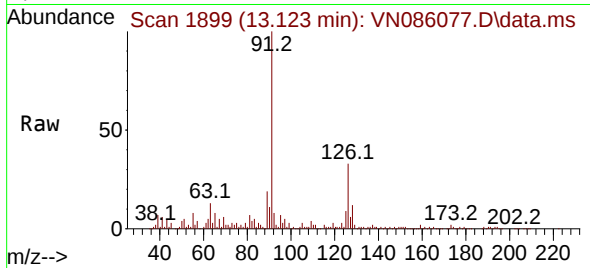
#79
2-Chlorotoluene
Concen: 20.643 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 91 Resp: 21909
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

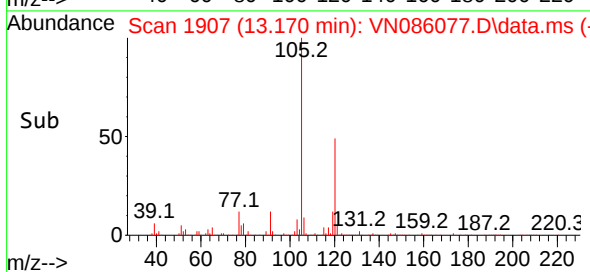
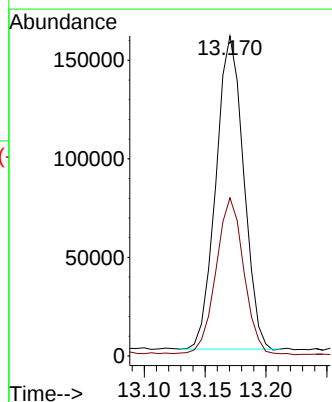
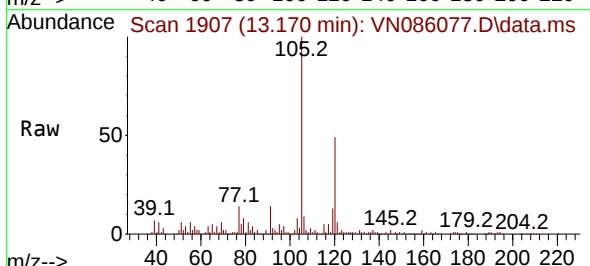
Manual Integrations
APPROVED

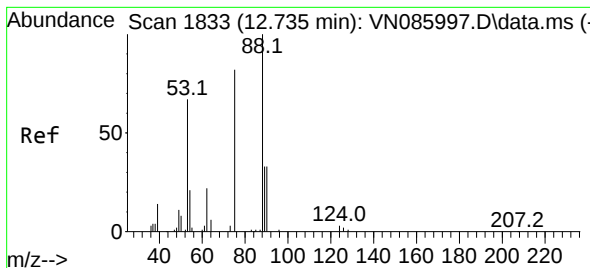
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.078 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

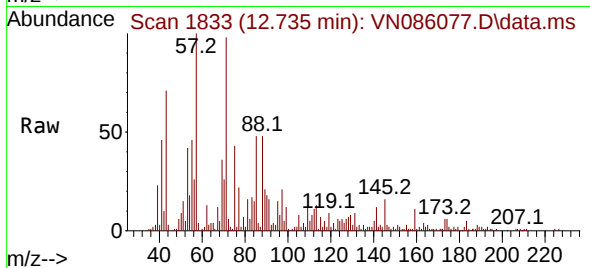
Tgt Ion:105 Resp: 251124
Ion Ratio Lower Upper
105 100
120 50.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.646 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

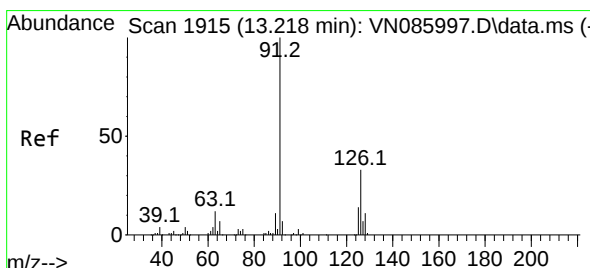
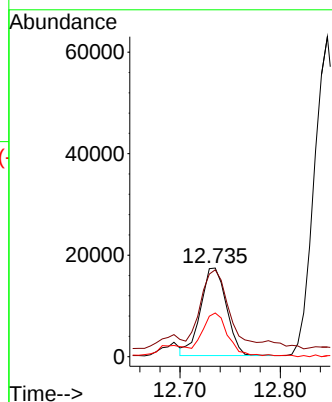
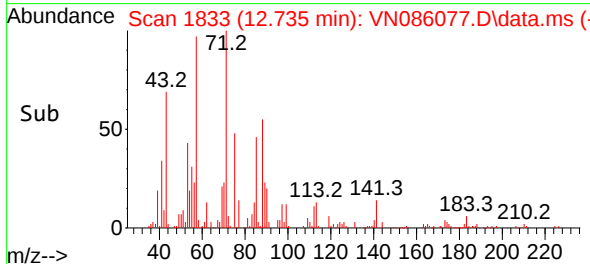
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 75 Resp: 3087
Ion Ratio Lower Upper
75 100
53 85.3 66.0 99.0
89 50.5 36.9 55.3

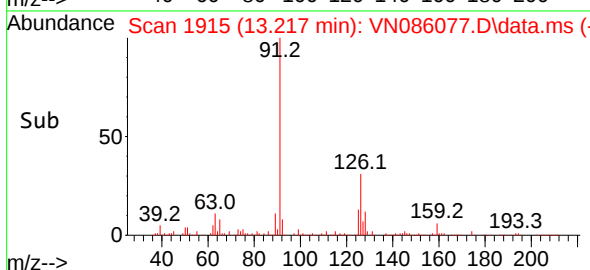
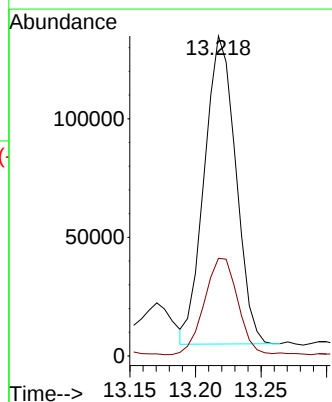
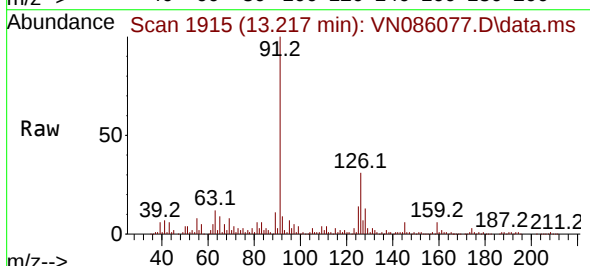
Manual Integrations
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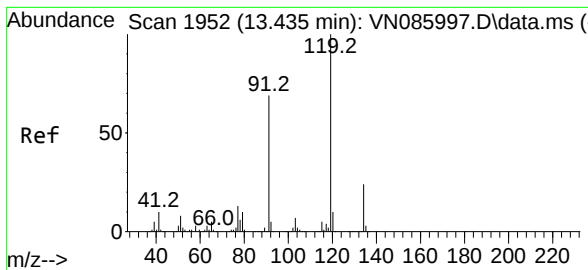
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#82
4-Chlorotoluene
Concen: 19.783 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion: 91 Resp: 215916
Ion Ratio Lower Upper
91 100
126 33.6 16.1 48.2





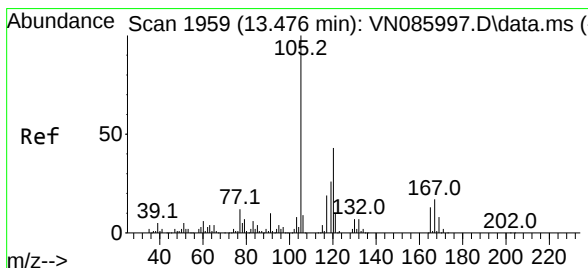
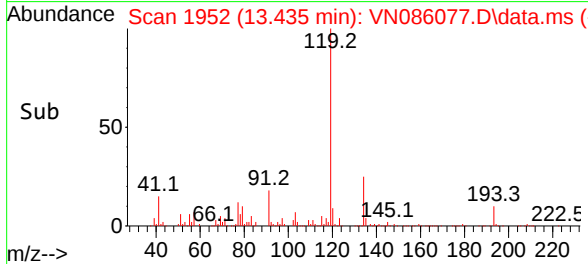
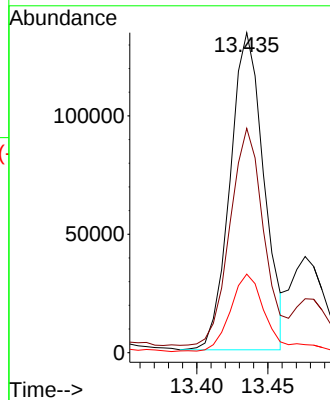
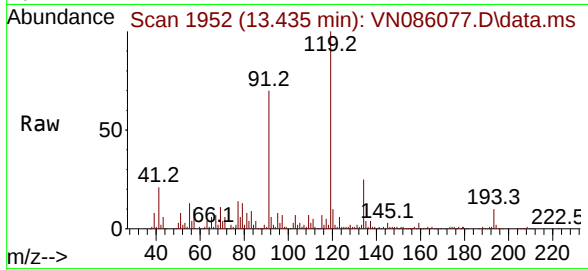
#83
tert-Butylbenzene
Concen: 21.781 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:119 Resp: 221939
Ion Ratio Lower Upper
119 100
91 69.2 34.3 102.9
134 26.5 13.5 40.5

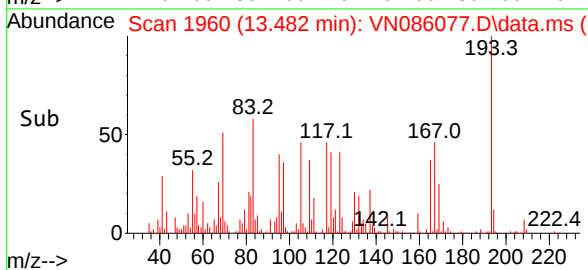
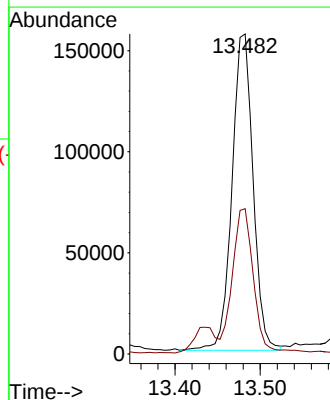
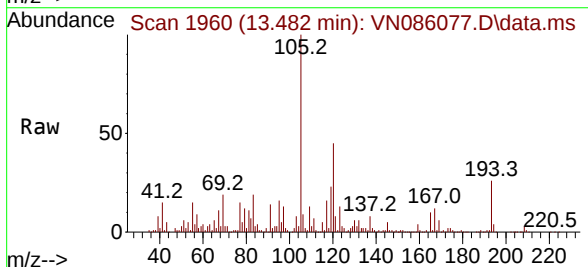
Manual Integrations
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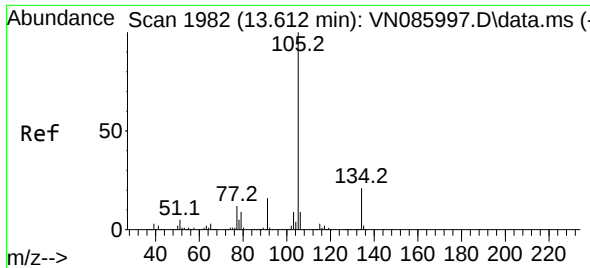
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 22.335 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion:105 Resp: 268386
Ion Ratio Lower Upper
105 100
120 45.0 21.9 65.8





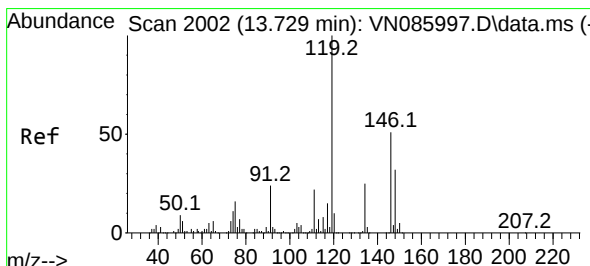
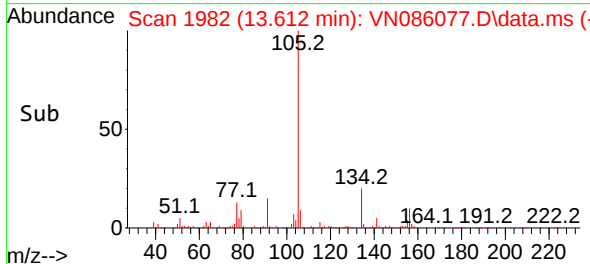
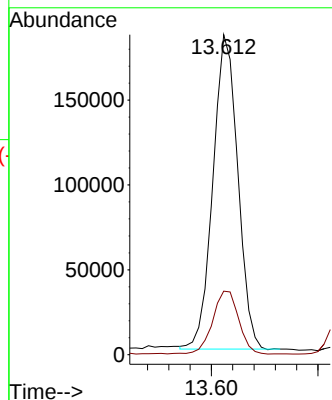
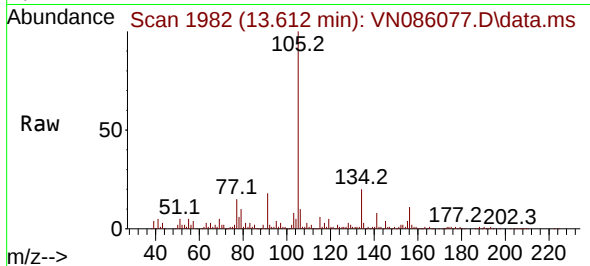
#85
 sec-Butylbenzene
 Concen: 22.555 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tgt Ion:105 Resp: 29981
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1

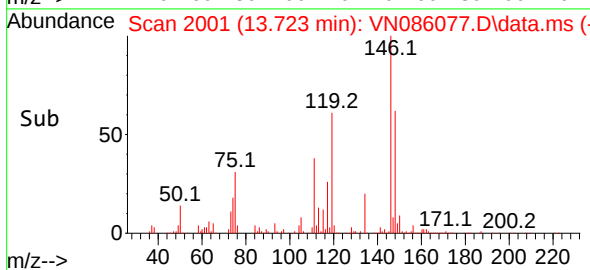
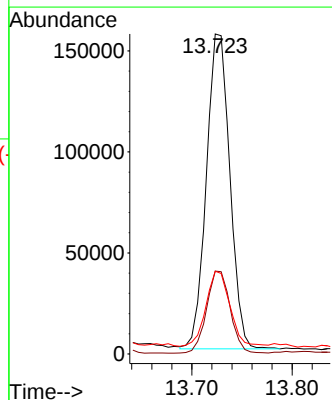
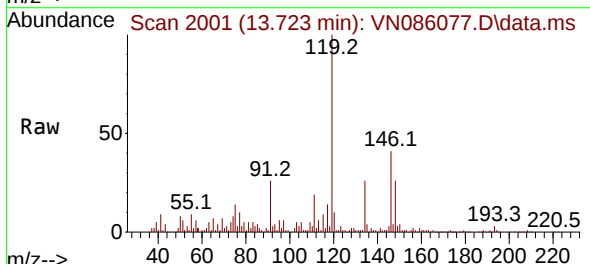
Manual Integrations
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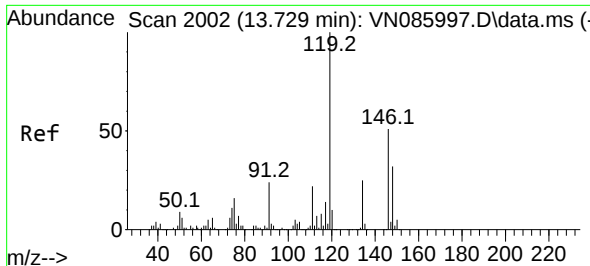
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#86
 p-Isopropyltoluene
 Concen: 22.618 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

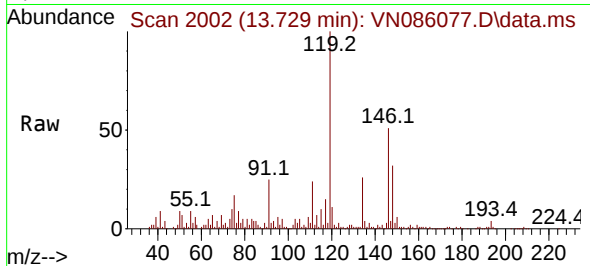
Tgt Ion:119 Resp: 254501
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.1 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 19.214 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

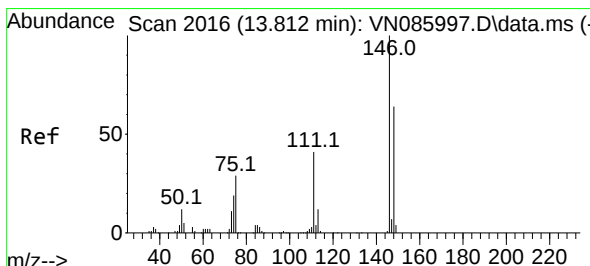
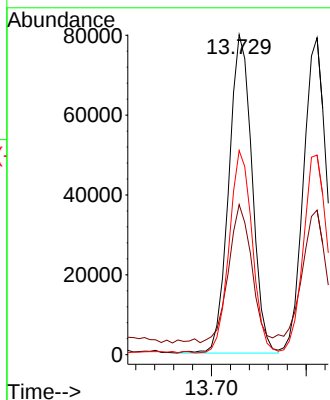
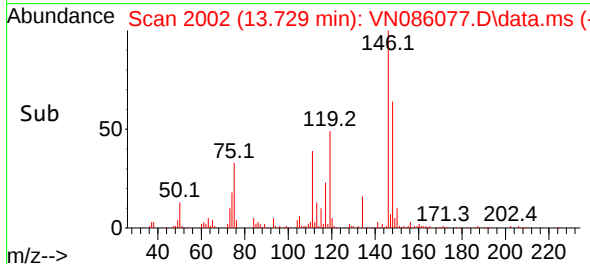
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:146 Resp: 13627
Ion Ratio Lower Upper
146 100
111 43.0 21.2 63.6
148 63.2 31.8 95.4

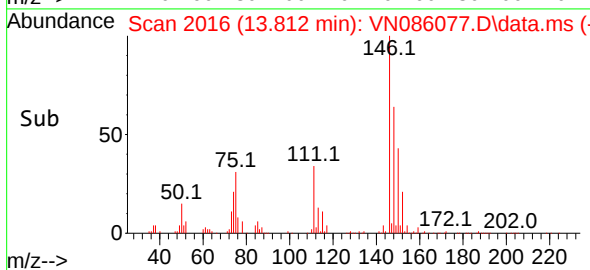
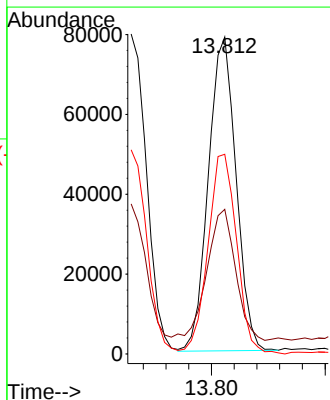
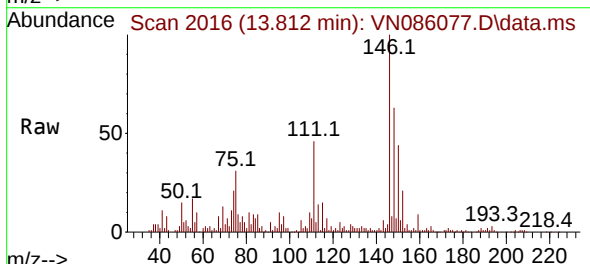
Manual Integrations
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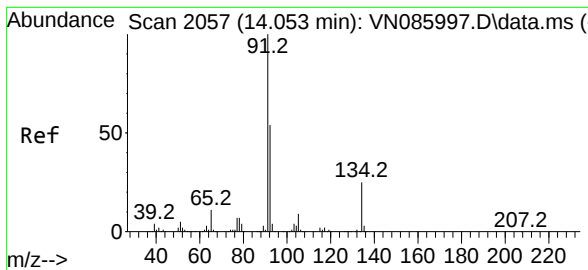
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#88
1,4-Dichlorobenzene
Concen: 17.852 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion:146 Resp: 133031
Ion Ratio Lower Upper
146 100
111 43.6 20.4 61.3
148 66.1 32.1 96.5





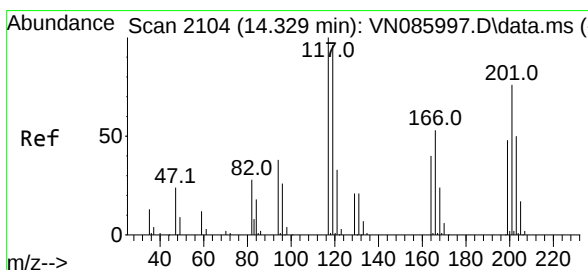
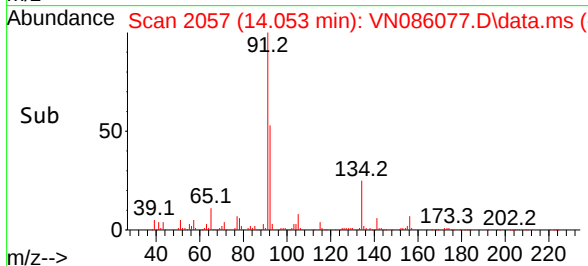
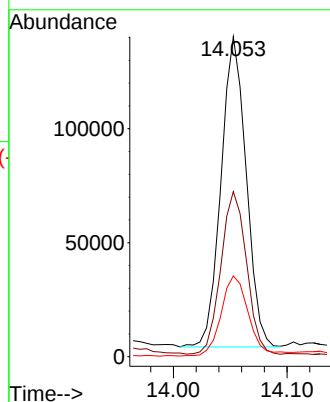
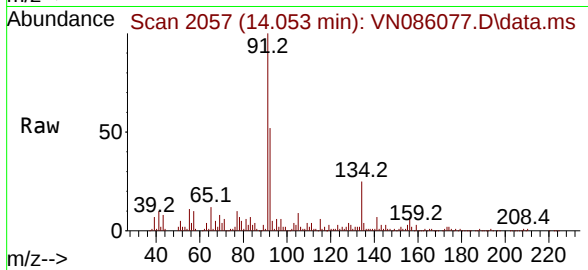
#89
n-Butylbenzene
Concen: 22.832 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 91 Resp: 20921
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 28.4 13.0 39.0

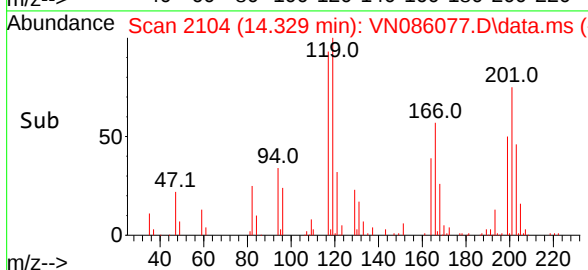
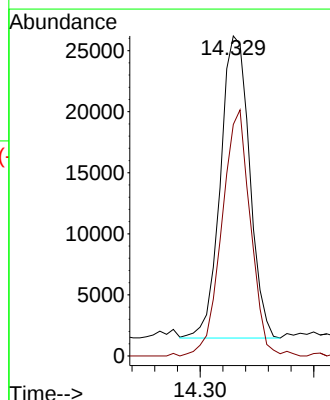
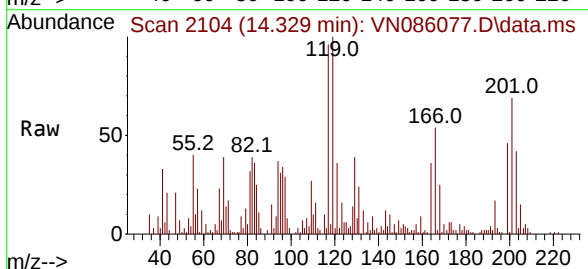
Manual Integrations
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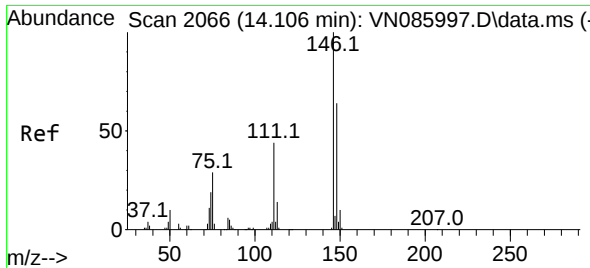
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#90
Hexachloroethane
Concen: 16.945 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

Tgt Ion:117 Resp: 43995
Ion Ratio Lower Upper
117 100
201 80.3 39.1 117.3





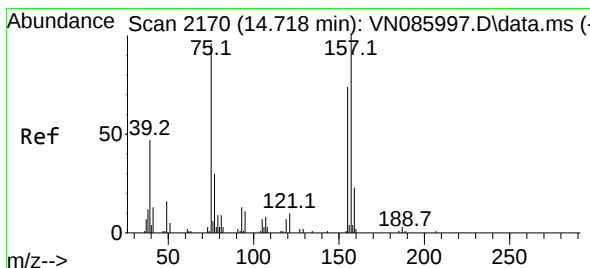
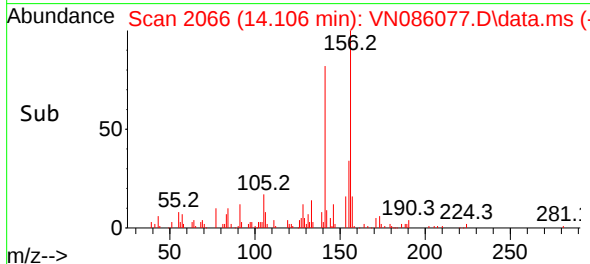
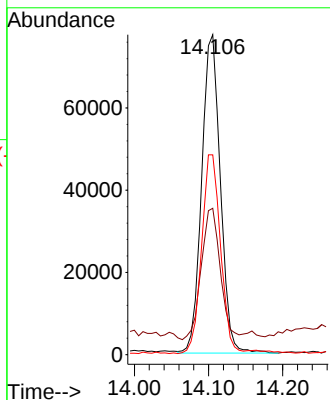
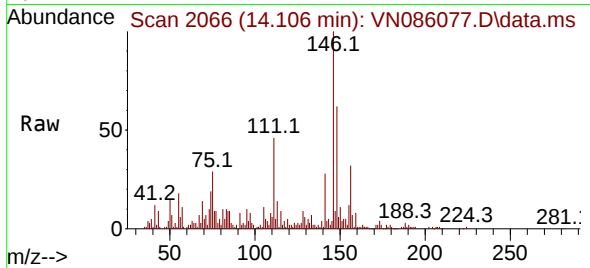
#91
 1,2-Dichlorobenzene
 Concen: 19.236 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tgt Ion:146 Resp: 13562
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.3 66.8
 148 63.0 32.1 96.5

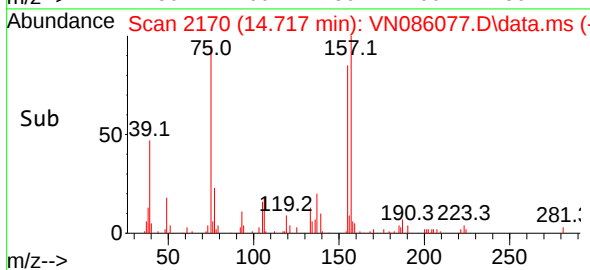
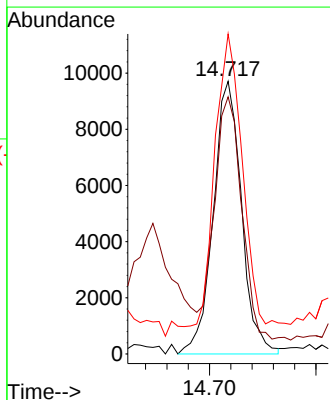
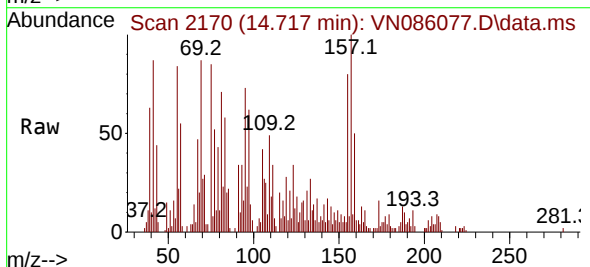
Manual Integrations
 APPROVED

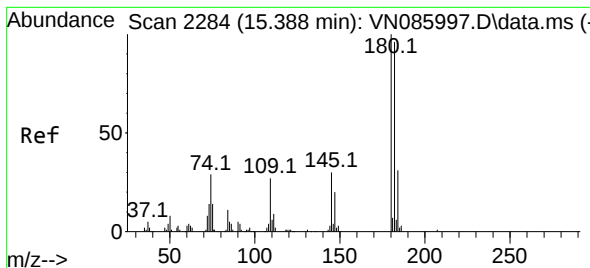
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.757 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086077.D
 Acq: 24 Mar 2025 17:13

Tgt Ion: 75 Resp: 17875
 Ion Ratio Lower Upper
 75 100
 155 84.9 41.0 123.0
 157 106.8 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 20.269 ug/l

RT: 15.388 min Scan# 2185

Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

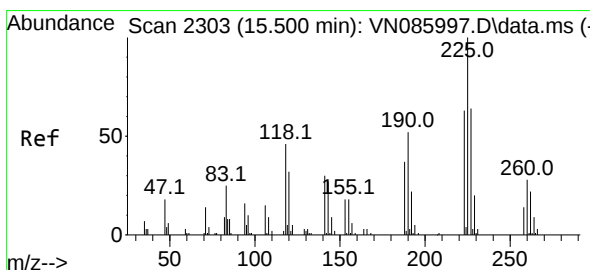
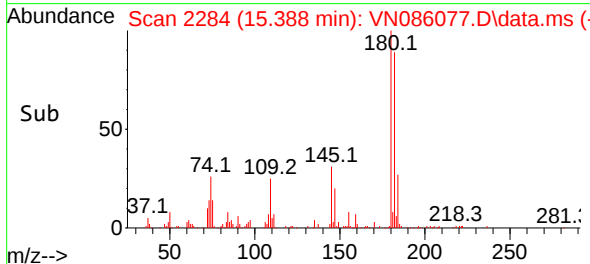
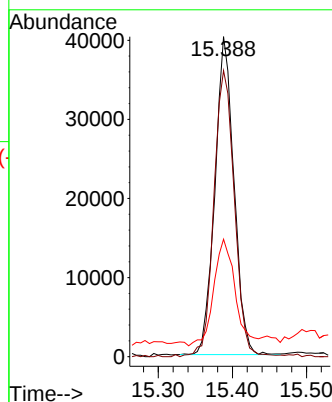
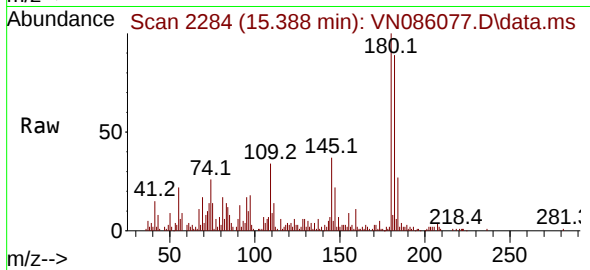
Tgt Ion:	180	Resp:	7185
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.0	141.0
145	37.6	15.5	46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#94

Hexachlorobutadiene

Concen: 16.630 ug/l

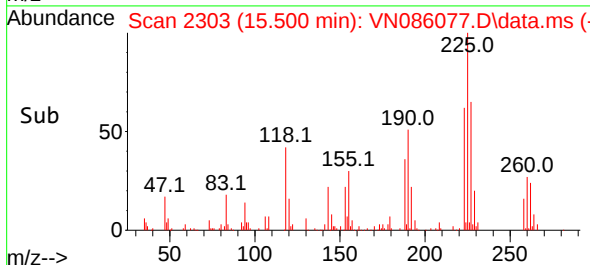
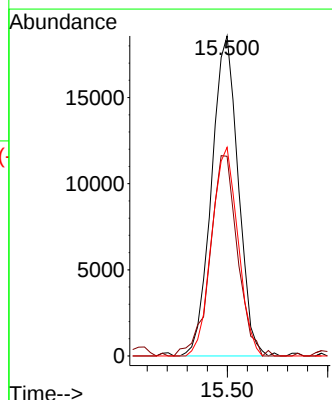
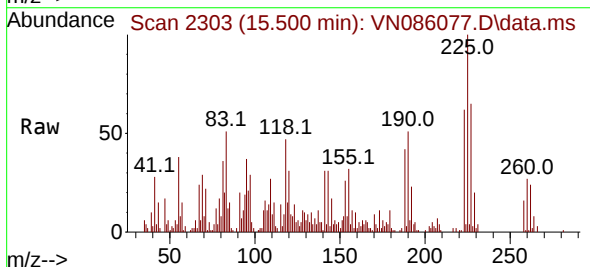
RT: 15.500 min Scan# 2303

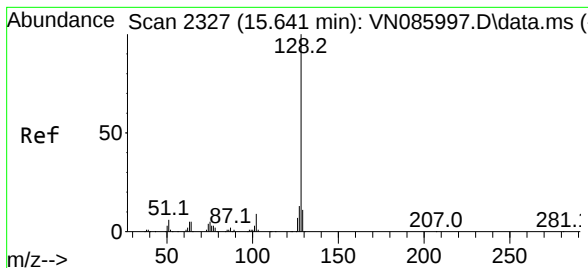
Delta R.T. -0.000 min

Lab File: VN086077.D

Acq: 24 Mar 2025 17:13

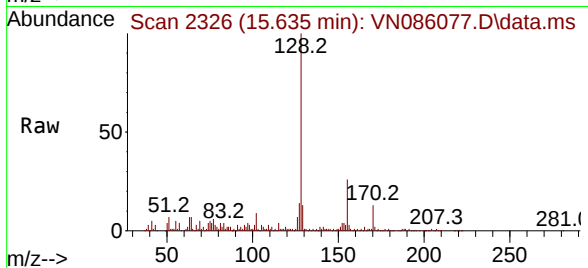
Tgt Ion:	225	Resp:	34204
Ion Ratio	Lower	Upper	
225	100		
223	64.4	31.3	93.9
227	64.5	32.1	96.3





#95
Naphthalene
Concen: 24.788 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13

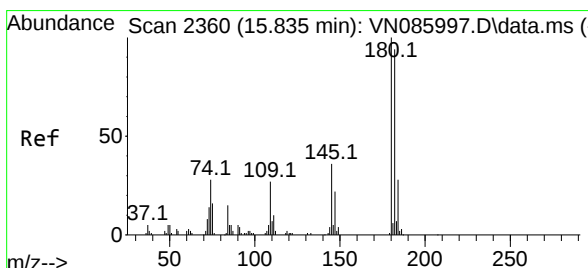
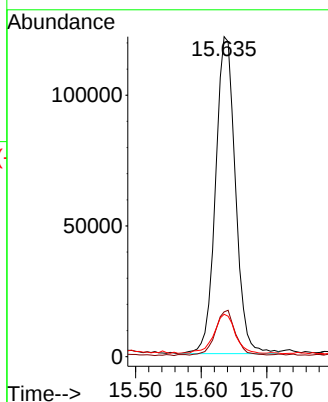
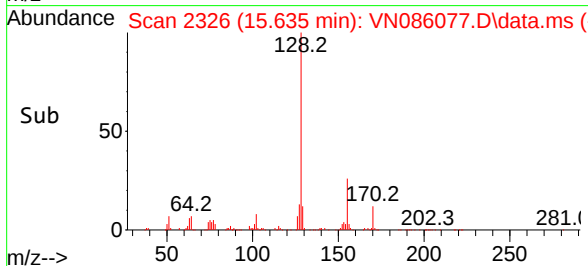
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



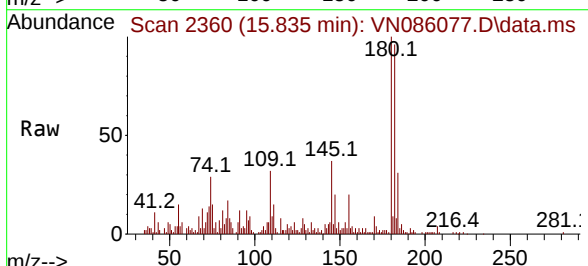
Tgt Ion:128 Resp: 254459
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 13.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.297 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086077.D
Acq: 24 Mar 2025 17:13



Tgt Ion:180 Resp: 71641
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 36.2 17.7 53.1

