

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086065.D
 Acq On : 24 Mar 2025 12:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 25 01:19:38 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113674	51.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.165	113	93532	52.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	10.565	98	345415	53.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.847	95	125860	54.636	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101660	47.711	ug/l	100
3) Chloromethane	2.359	50	85167	45.593	ug/l	99
4) Vinyl Chloride	2.512	62	92250	48.300	ug/l	99
5) Bromomethane	2.942	94	58638	45.072	ug/l	98
6) Chloroethane	3.106	64	57359	47.605	ug/l	99
7) Trichlorofluoromethane	3.495	101	167450	48.771	ug/l	100
8) Diethyl Ether	3.959	74	49946	47.519	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	91819	50.318	ug/l	99
10) Methyl Iodide	4.583	142	119418	50.225	ug/l	93
11) Tert butyl alcohol	5.518	59	65344	209.563	ug/l	98
12) 1,1-Dichloroethene	4.342	96	83333	50.575	ug/l	95
13) Acrolein	4.177	56	95822	288.126	ug/l	98
14) Allyl chloride	5.024	41	94243	45.847	ug/l	98
15) Acrylonitrile	5.718	53	215855	262.123	ug/l	99
16) Acetone	4.424	43	155671	231.367	ug/l	98
17) Carbon Disulfide	4.706	76	244233	45.071	ug/l	99
18) Methyl Acetate	5.018	43	88624	53.237	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	276934	51.290	ug/l	99
20) Methylene Chloride	5.271	84	102160	51.902	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	93179	51.746	ug/l	93
22) Diisopropyl ether	6.671	45	234557	53.546	ug/l	97
23) Vinyl Acetate	6.600	43	877767	264.334	ug/l	100
24) 1,1-Dichloroethane	6.565	63	166473	51.681	ug/l	98
25) 2-Butanone	7.477	43	243752	251.070	ug/l	96
26) 2,2-Dichloropropane	7.488	77	149654	48.257	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	108327	52.939	ug/l	98
28) Bromochloromethane	7.812	49	65134	47.726	ug/l	99
29) Tetrahydrofuran	7.835	42	165187	275.601	ug/l	99
30) Chloroform	7.965	83	187259	52.594	ug/l	98
31) Cyclohexane	8.253	56	129779	47.294	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	175140	51.965	ug/l	99
36) 1,1-Dichloropropene	8.371	75	123380	52.647	ug/l	99
37) Ethyl Acetate	7.559	43	96734	48.927	ug/l	99
38) Carbon Tetrachloride	8.359	117	165729	53.784	ug/l	99
39) Methylcyclohexane	9.600	83	113366	48.757	ug/l	92
40) Benzene	8.606	78	398483	54.164	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49592	52.530	ug/l	99
42) 1,2-Dichloroethane	8.671	62	133507	52.081	ug/l	100
43) Isopropyl Acetate	8.688	43	164277	38.344	ug/l	99
44) Trichloroethene	9.353	130	91449	47.961	ug/l	98
45) 1,2-Dichloropropane	9.618	63	91787	54.854	ug/l	94
46) Dibromomethane	9.706	93	71246	54.141	ug/l	99
47) Bromodichloromethane	9.882	83	147018	53.456	ug/l	100
48) Methyl methacrylate	9.682	41	75908	53.692	ug/l	99
49) 1,4-Dioxane	9.694	88	36152	1081.716	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	542700	287.223	ug/l	99
52) Toluene	10.629	92	255909	56.676	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	141005	52.792	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	148960	52.860	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	95811	55.595	ug/l	98
56) Ethyl methacrylate	10.871	69	138828	51.359	ug/l	99
57) 1,3-Dichloropropane	11.159	76	161606	55.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	320884	299.470	ug/l	99
59) 2-Hexanone	11.194	43	401637	291.788	ug/l	98
60) Dibromochloromethane	11.359	129	125776	56.558	ug/l	99
61) 1,2-Dibromoethane	11.465	107	96000	54.260	ug/l	97
64) Tetrachloroethene	11.106	164	95327	49.946	ug/l	96
65) Chlorobenzene	11.888	112	273164	49.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	107010	52.579	ug/l	100
67) Ethyl Benzene	11.965	91	471884	53.881	ug/l	98
68) m/p-Xylenes	12.070	106	387149	112.471	ug/l	100
69) o-Xylene	12.394	106	179833	56.922	ug/l	99
70) Styrene	12.406	104	316894	58.725	ug/l	99
71) Bromoform	12.576	173	88913	52.260	ug/l #	98
73) Isopropylbenzene	12.694	105	447787	49.364	ug/l	99
74) N-amyl acetate	12.494	43	147494	48.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	142242	46.350	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	137503m	46.237	ug/l	
77) Bromobenzene	12.976	156	121345	47.975	ug/l	97
78) n-propylbenzene	13.035	91	536585	52.239	ug/l	100
79) 2-Chlorotoluene	13.123	91	339986	49.832	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	404505	52.817	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	49866	44.331	ug/l	96
82) 4-Chlorotoluene	13.217	91	352049	50.178	ug/l	98
83) tert-Butylbenzene	13.435	119	315522	48.171	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	414523	53.663	ug/l	100
85) sec-Butylbenzene	13.617	105	442387	51.773	ug/l	99
86) p-Isopropyltoluene	13.729	119	380786	52.644	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	225724	49.510	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	222451	46.439	ug/l	100
89) n-Butylbenzene	14.053	91	295205	50.117	ug/l	99
90) Hexachloroethane	14.329	117	78937	47.295	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	219219	48.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28135	45.928	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	100819	44.240	ug/l	98
94) Hexachlorobutadiene	15.494	225	54079	40.902	ug/l	98
95) Naphthalene	15.641	128	301701	45.720	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	101083	46.745	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

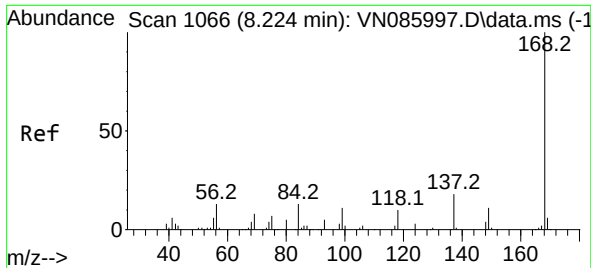
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

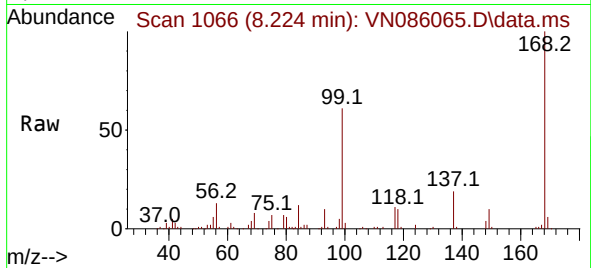
Quant Time: Mar 25 01:19:38 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

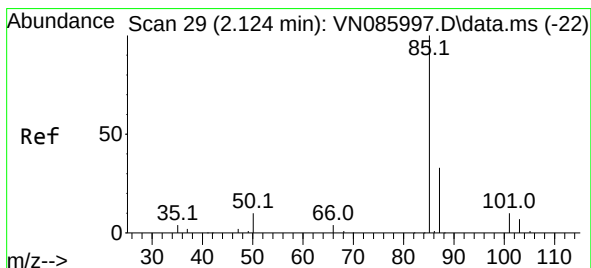
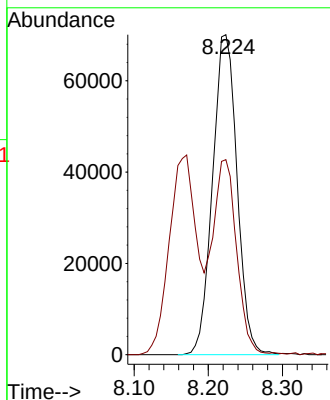
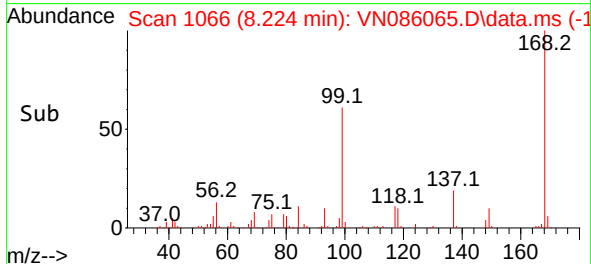
Instrument :
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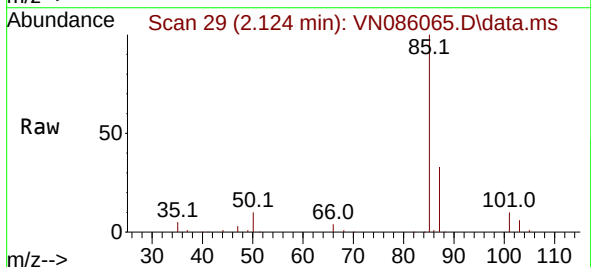
Tgt Ion:168 Resp: 16083
Ion Ratio Lower Upper
168 100
99 60.5 49.4 74.2

Manual Integrations
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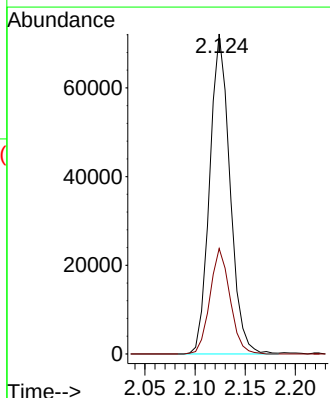
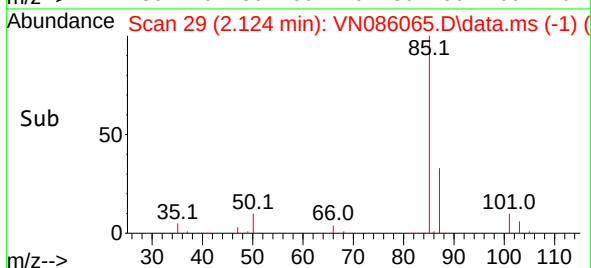
Reviewed By :John Carlone 03/25/2025
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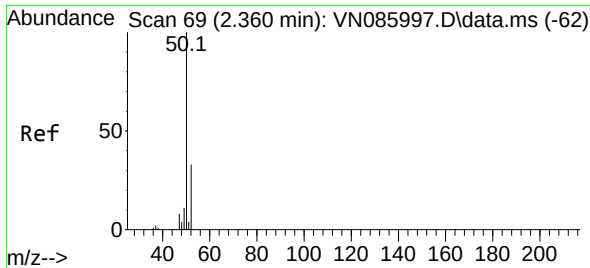


#2
Dichlorodifluoromethane
Concen: 47.711 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



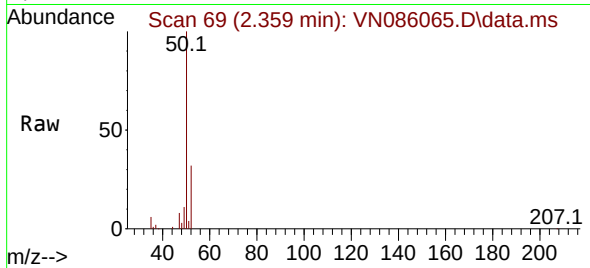
Tgt Ion: 85 Resp: 101660
Ion Ratio Lower Upper
85 100
87 32.9 16.5 49.5





#3
Chloromethane
Concen: 45.593 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

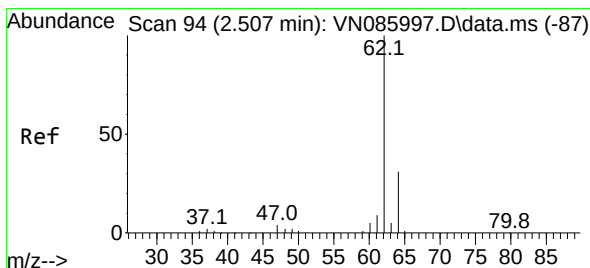
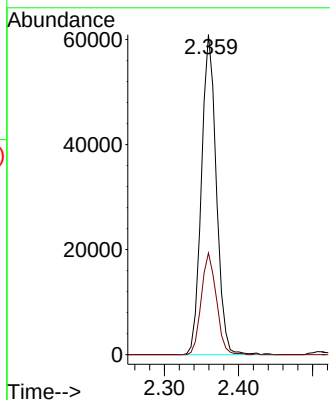
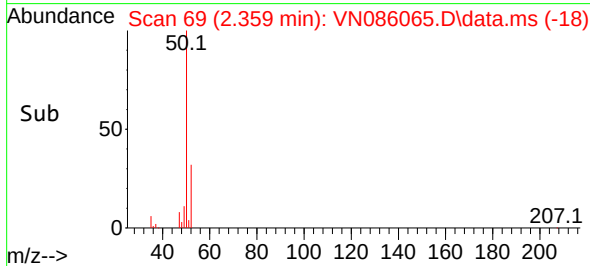
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 8516
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0

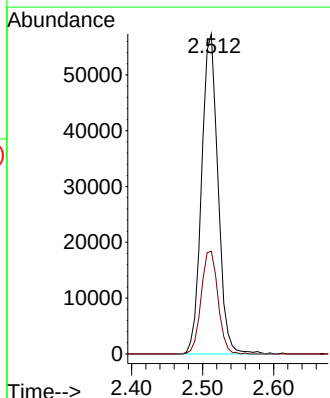
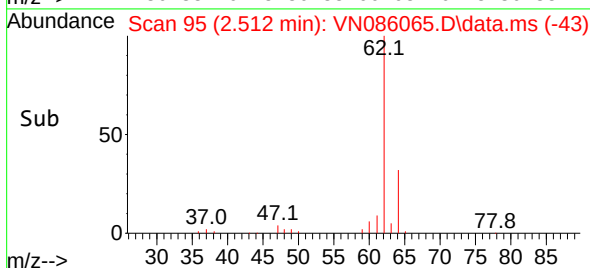
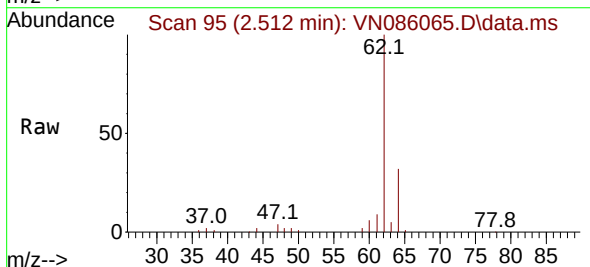
Manual Integrations
APPROVED

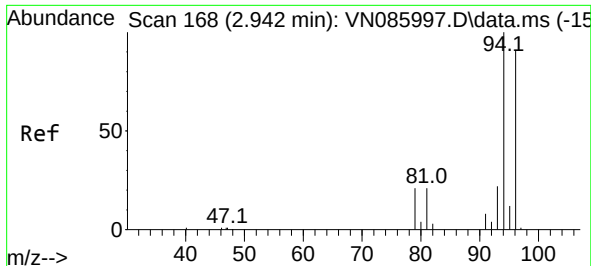
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#4
Vinyl Chloride
Concen: 48.300 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

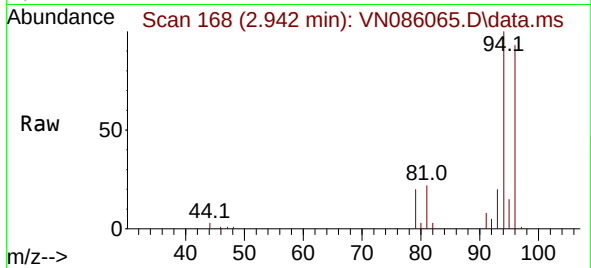
Tgt Ion: 62 Resp: 92250
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5
Bromomethane
Concen: 45.072 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

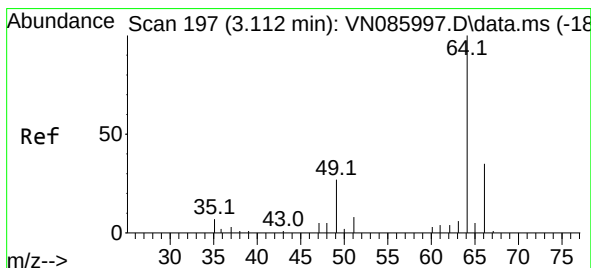
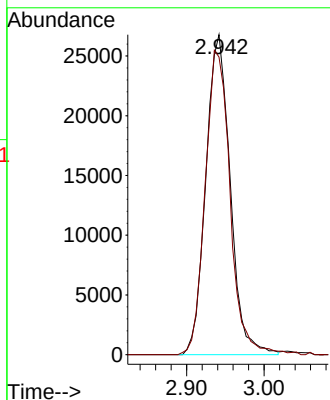
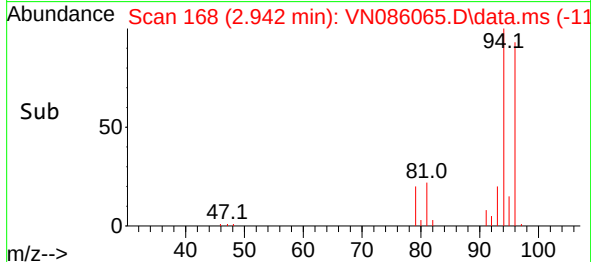
Instrument :
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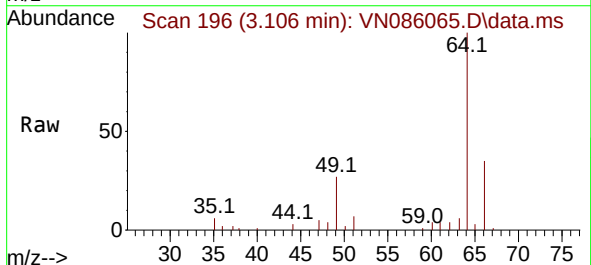
Tgt Ion: 94 Resp: 58638
Ion Ratio Lower Upper
94 100
96 93.0 72.8 109.2

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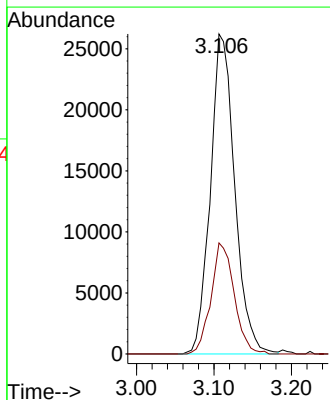
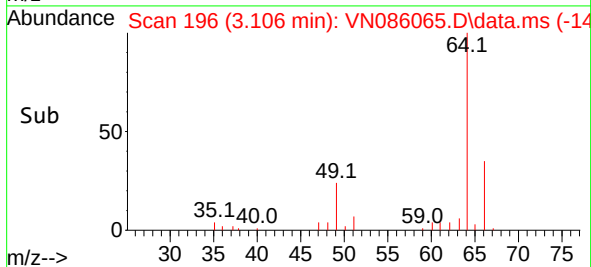
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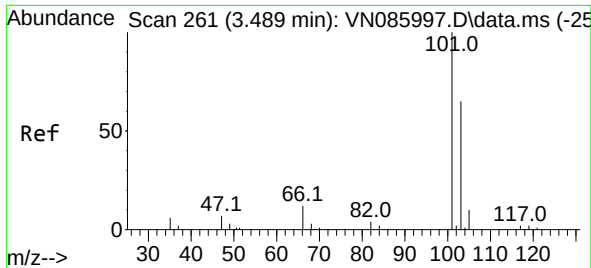


#6
Chloroethane
Concen: 47.605 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 64 Resp: 57359
Ion Ratio Lower Upper
64 100
66 34.7 28.3 42.5





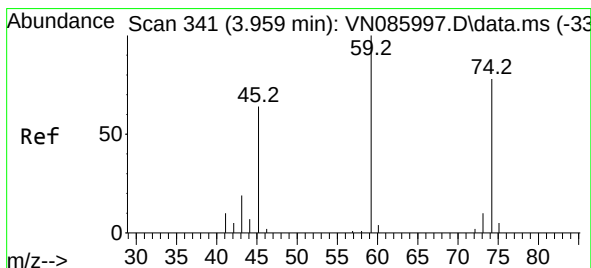
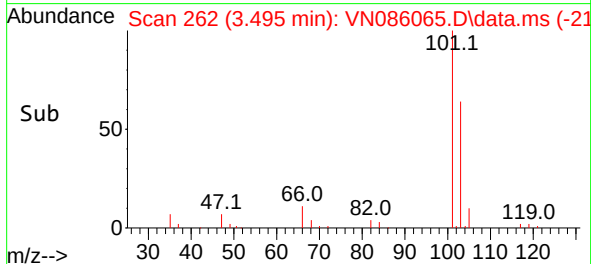
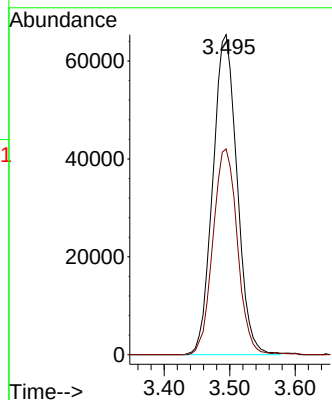
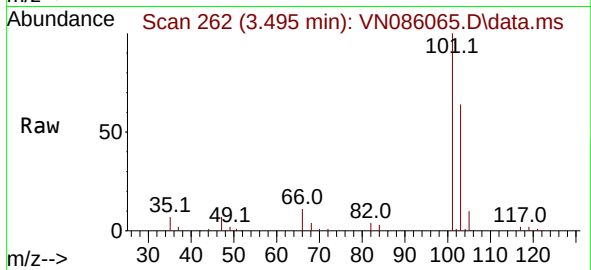
#7
Trichlorofluoromethane
Concen: 48.771 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 167450
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

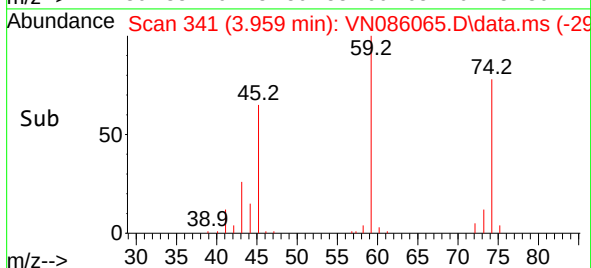
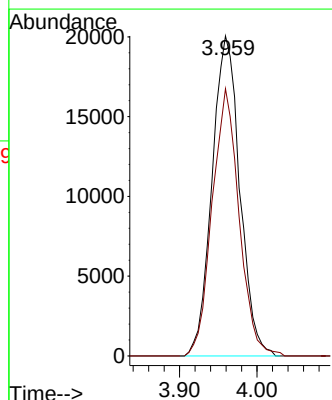
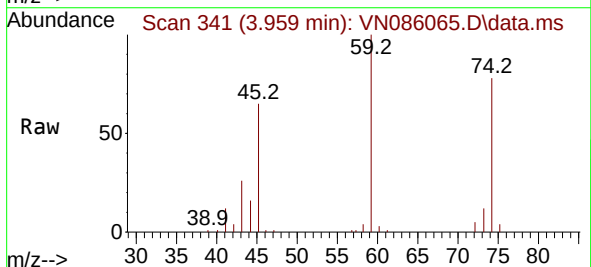
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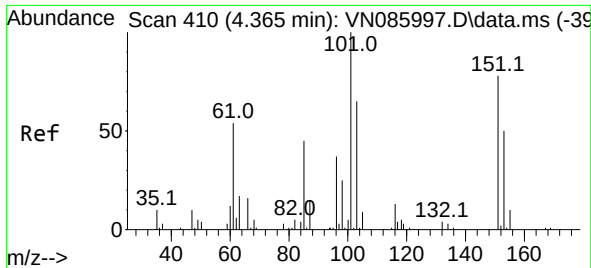
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#8
Diethyl Ether
Concen: 47.519 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion: 74 Resp: 49946
Ion Ratio Lower Upper
74 100
45 81.1 38.0 113.9





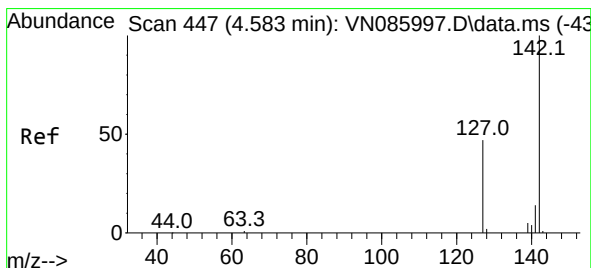
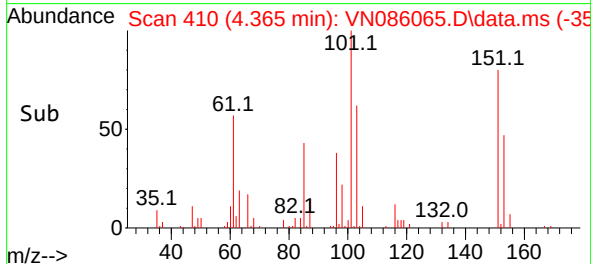
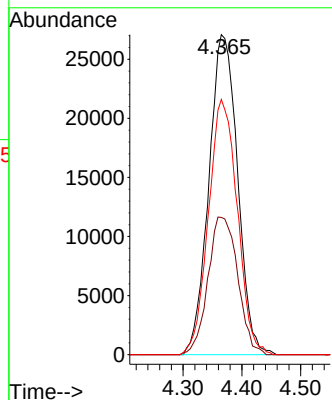
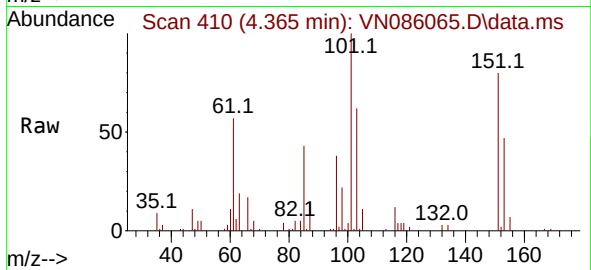
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.318 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91819
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 80.2 63.4 95.0

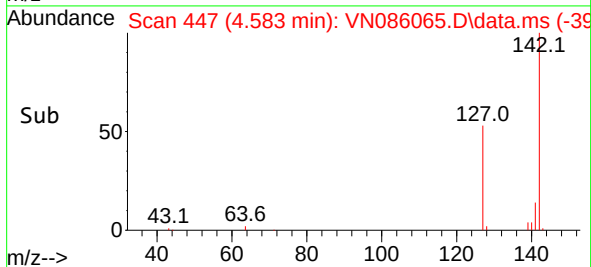
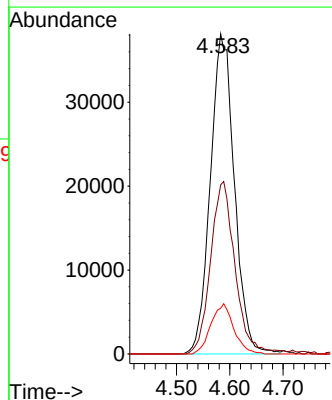
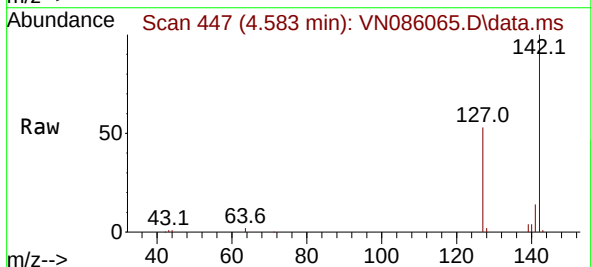
Manual Integrations
APPROVED

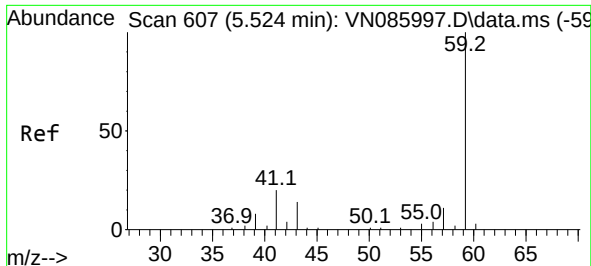
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#10
Methyl Iodide
Concen: 50.225 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

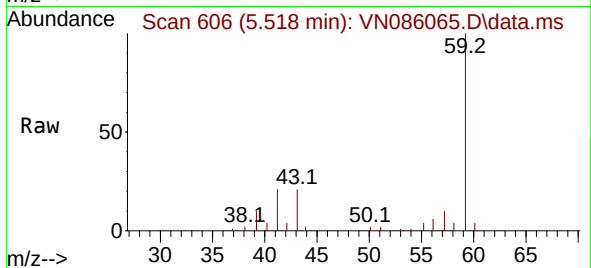
Tgt Ion:142 Resp: 119418
Ion Ratio Lower Upper
142 100
127 52.9 37.5 56.3
141 14.3 11.0 16.6





#11
Tert butyl alcohol
Concen: 209.563 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

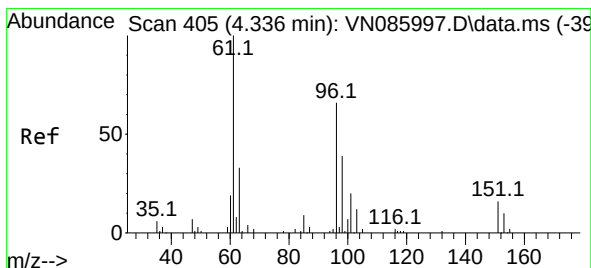
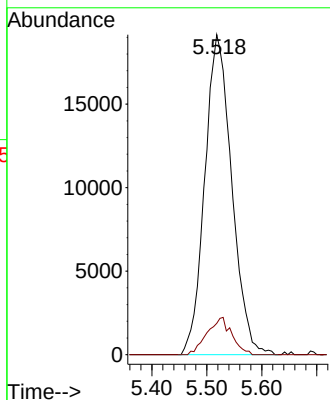
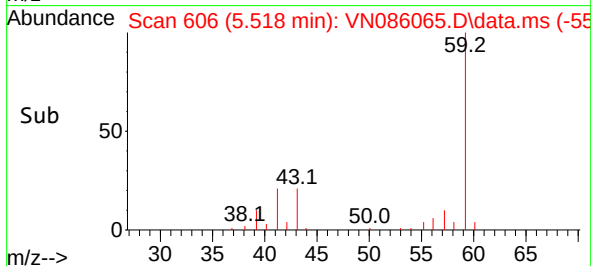
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



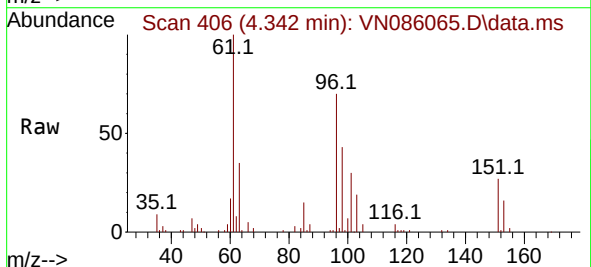
Tgt Ion: 59 Resp: 65344
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

Manual Integrations
APPROVED

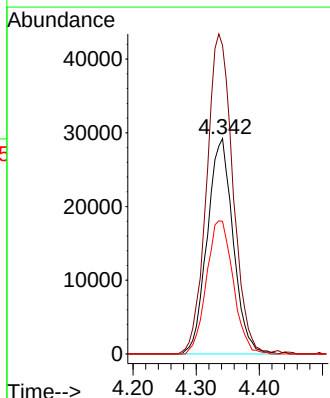
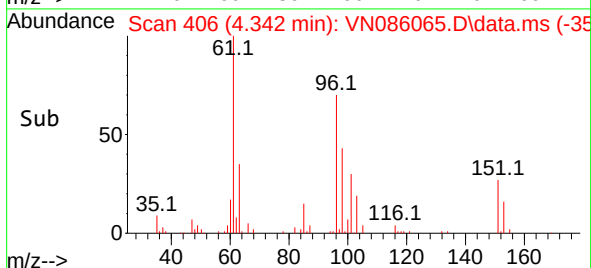
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

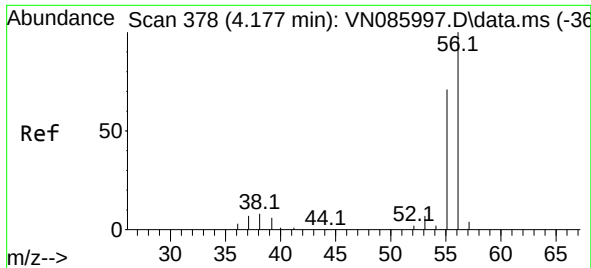


#12
1,1-Dichloroethene
Concen: 50.575 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



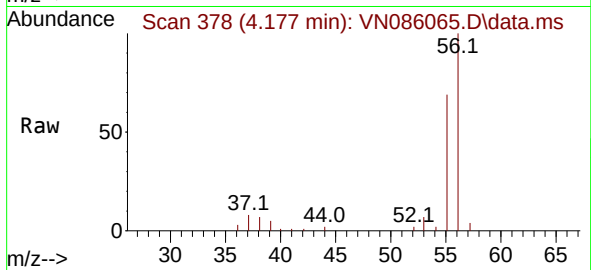
Tgt Ion: 96 Resp: 83333
Ion Ratio Lower Upper
96 100
61 143.3 120.5 180.7
98 61.5 47.4 71.0





#13
Acrolein
Concen: 288.126 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

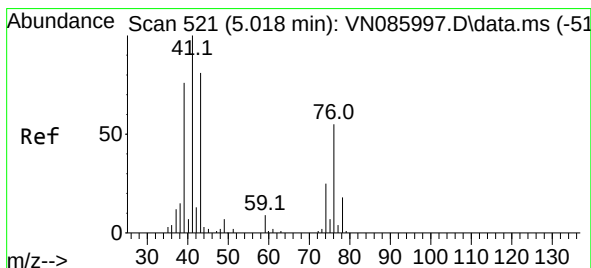
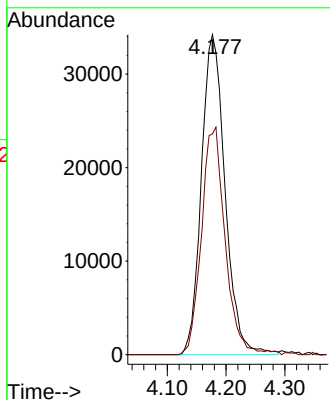
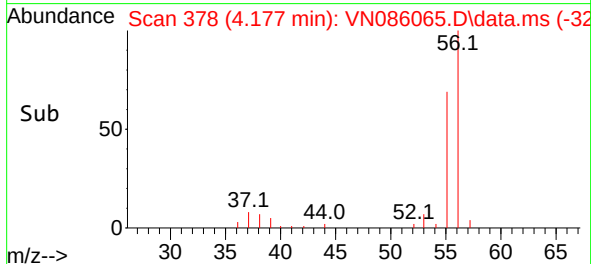
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



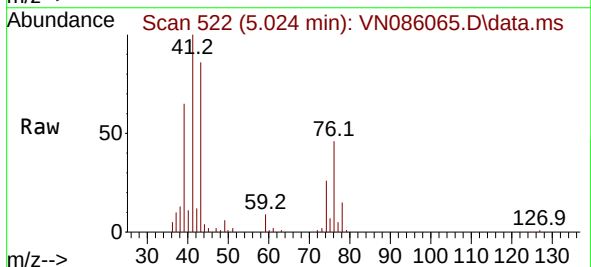
Tgt Ion: 56 Resp: 9582
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7

Manual Integrations
APPROVED

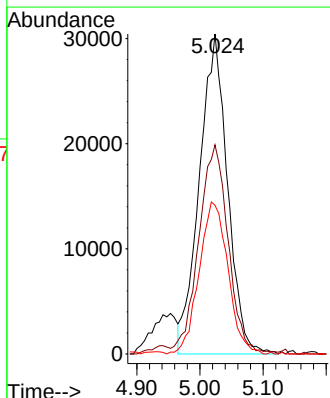
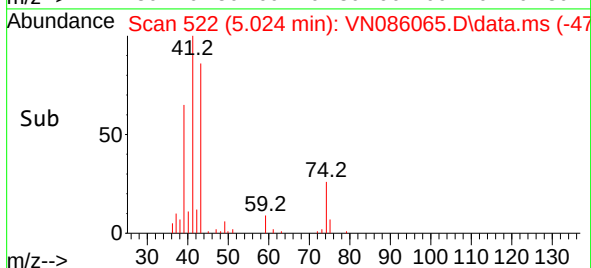
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

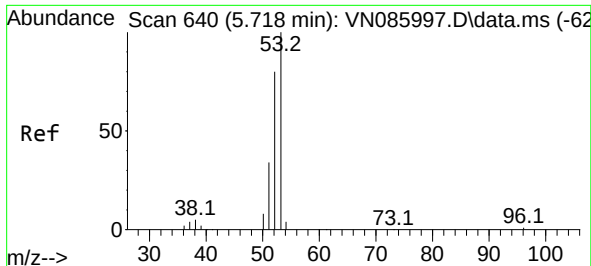


#14
Allyl chloride
Concen: 45.847 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



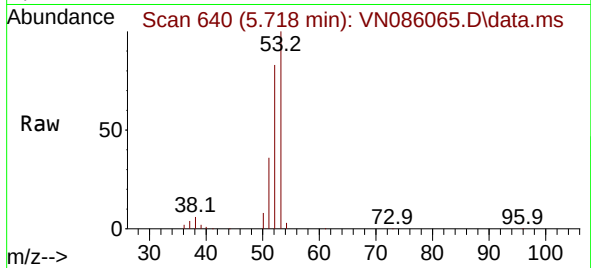
Tgt Ion: 41 Resp: 94243
Ion Ratio Lower Upper
41 100
39 67.3 55.5 83.3
76 48.7 39.1 58.7





#15
Acrylonitrile
Concen: 262.123 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

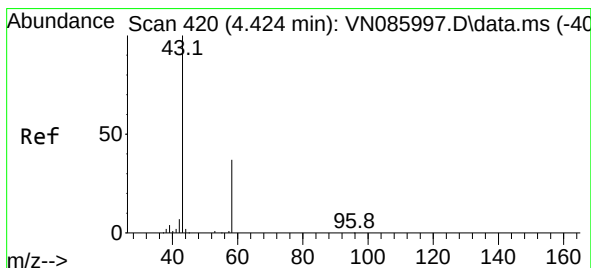
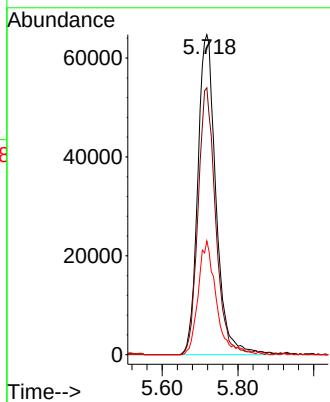
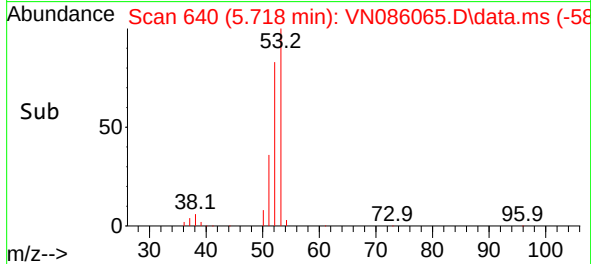
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



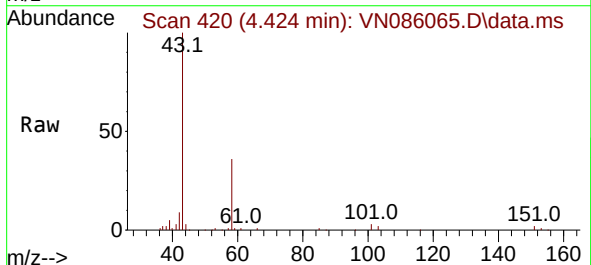
Tgt Ion: 53 Resp: 21585
Ion Ratio Lower Upper
53 100
52 80.2 63.9 95.9
51 35.4 27.1 40.7

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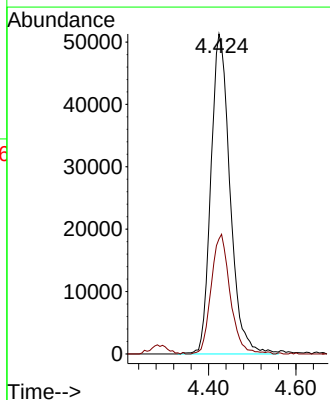
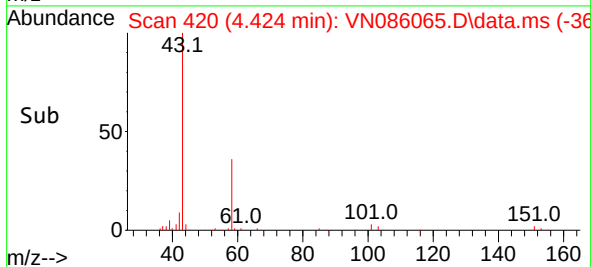
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

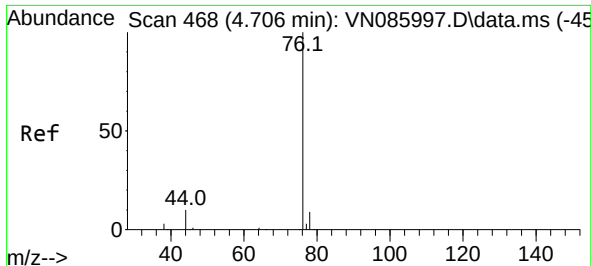


#16
Acetone
Concen: 231.367 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 43 Resp: 155671
Ion Ratio Lower Upper
43 100
58 35.6 29.4 44.2





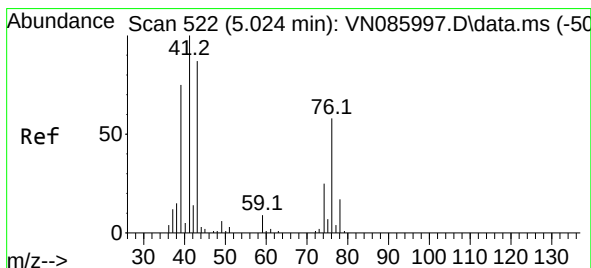
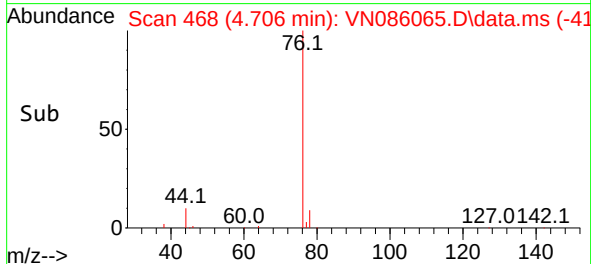
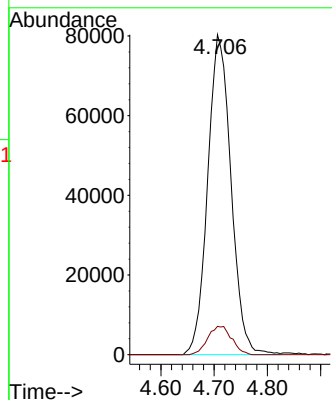
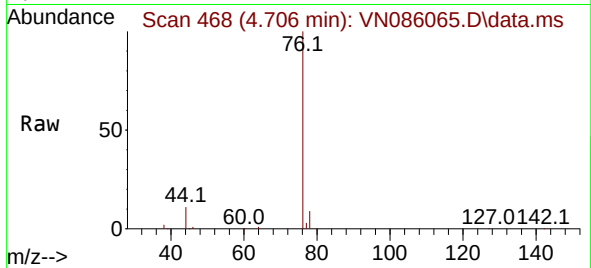
#17
Carbon Disulfide
Concen: 45.071 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 24423
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

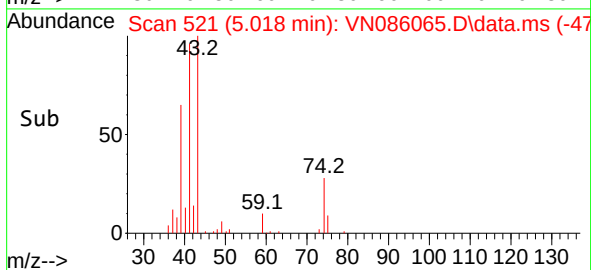
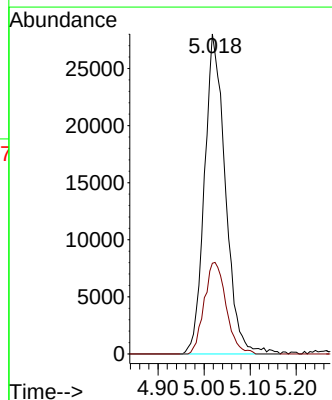
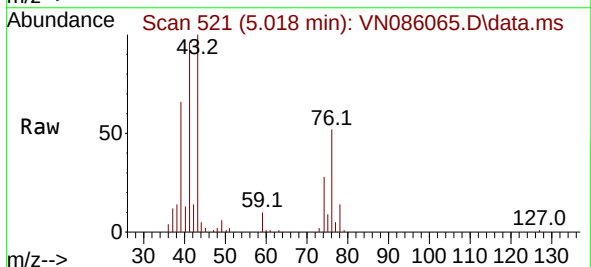
Manual Integrations
APPROVED

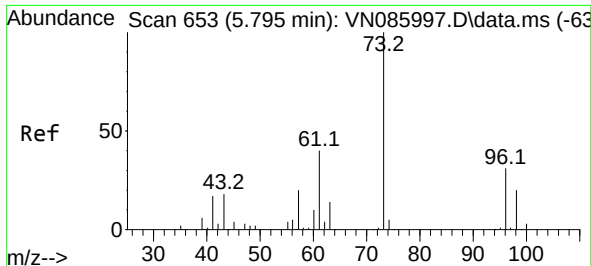
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#18
Methyl Acetate
Concen: 53.237 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

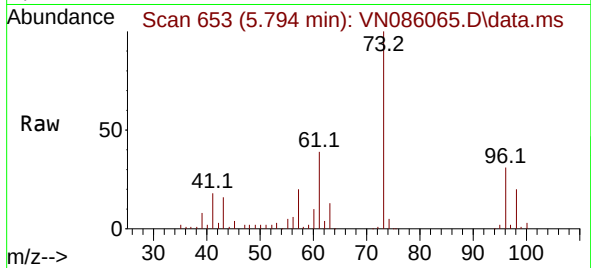
Tgt Ion: 43 Resp: 88624
Ion Ratio Lower Upper
43 100
74 29.8 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 51.290 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

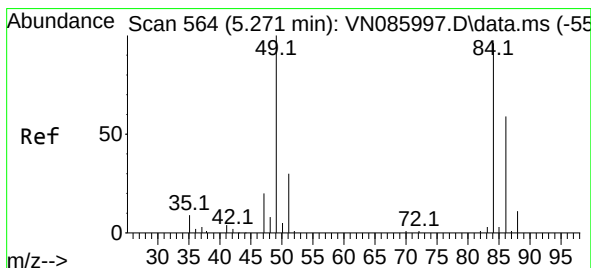
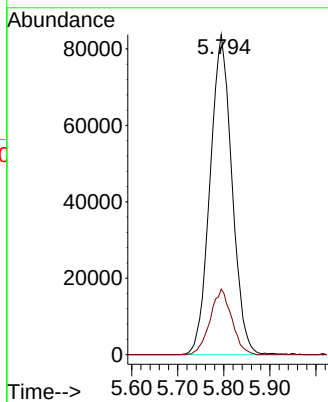
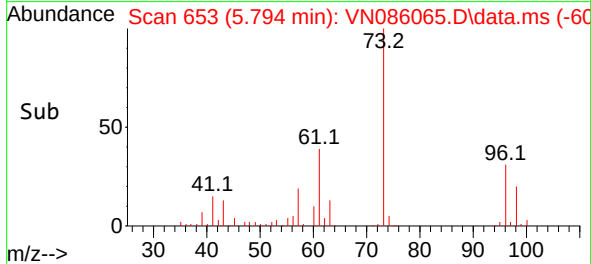
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 276934
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1

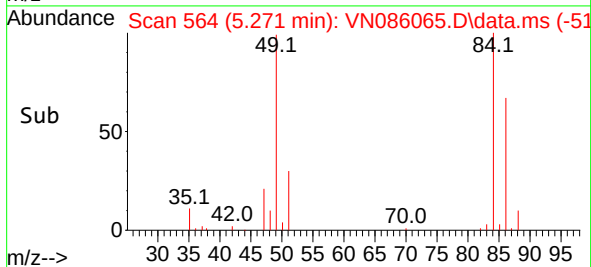
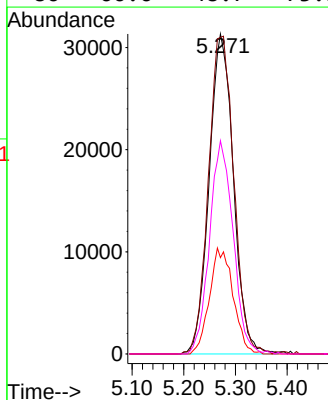
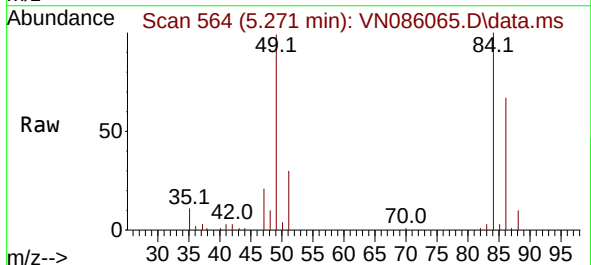
Manual Integrations
APPROVED

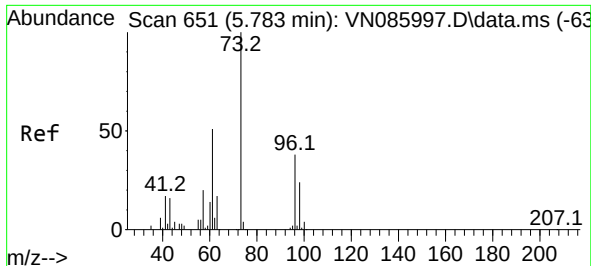
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#20
Methylene Chloride
Concen: 51.902 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

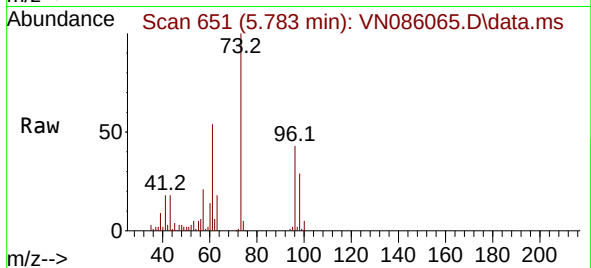
Tgt Ion: 84 Resp: 102160
Ion Ratio Lower Upper
84 100
49 98.9 83.3 124.9
51 30.1 24.8 37.2
86 66.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 51.746 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

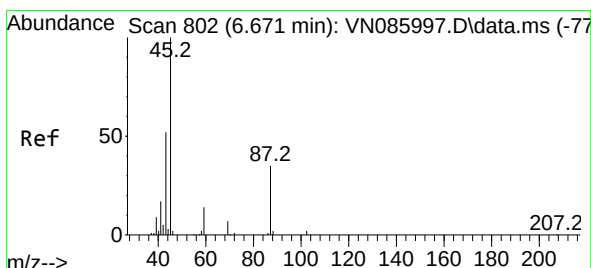
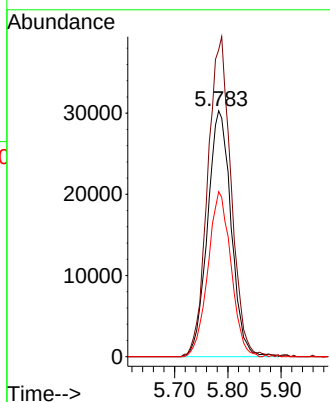
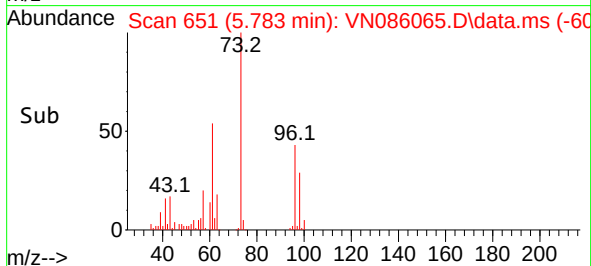
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 93179
Ion Ratio Lower Upper
96 100
61 124.8 106.6 160.0
98 67.1 50.0 75.0

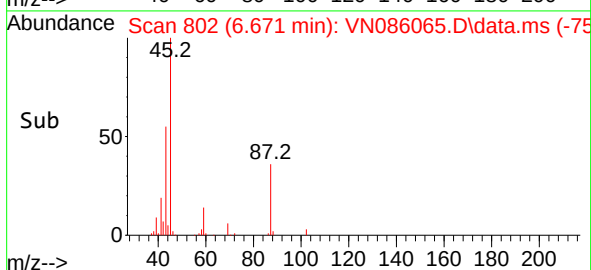
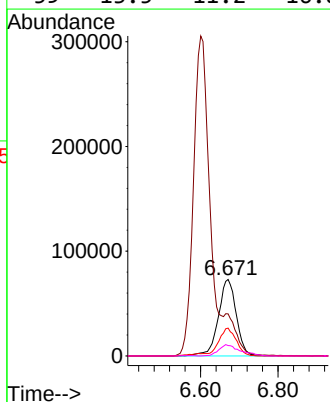
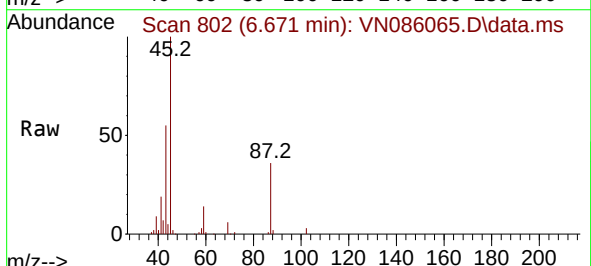
Manual Integrations
APPROVED

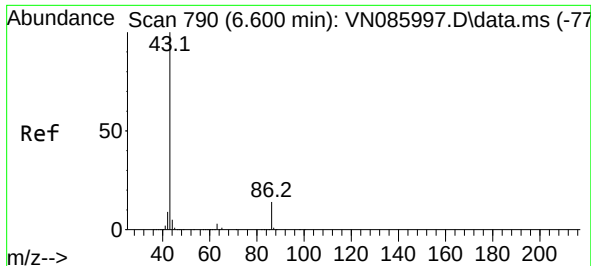
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#22
Diisopropyl ether
Concen: 53.546 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

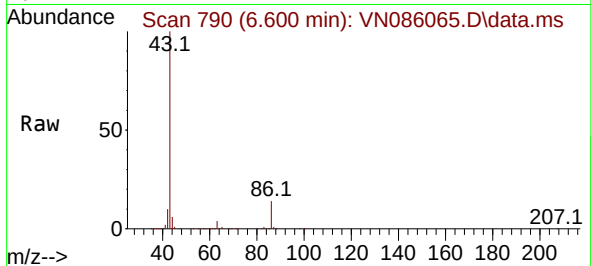
Tgt Ion: 45 Resp: 234557
Ion Ratio Lower Upper
45 100
43 54.2 41.2 61.8
87 36.4 28.5 42.7
59 13.5 11.2 16.8





#23
 Vinyl Acetate
 Concen: 264.334 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

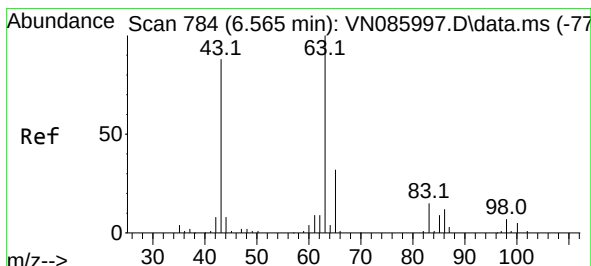
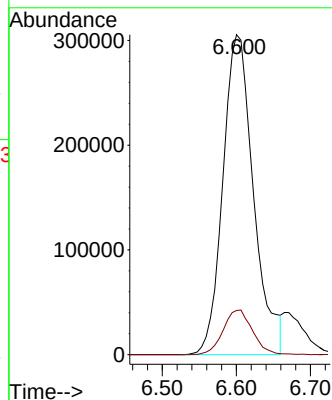
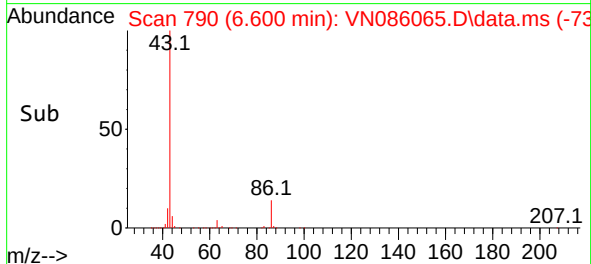
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



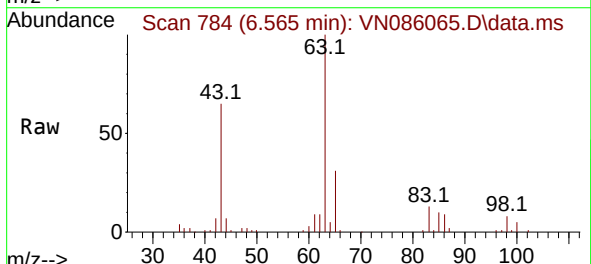
Tgt Ion: 43 Resp: 87776
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8

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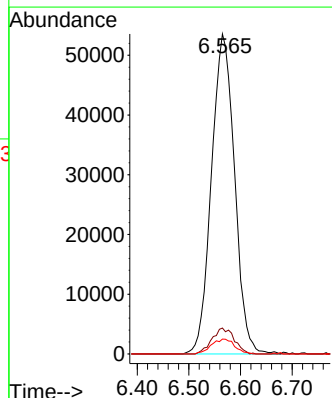
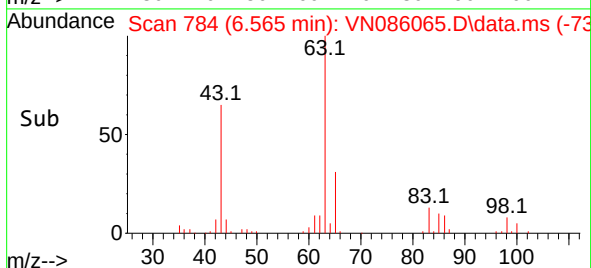
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

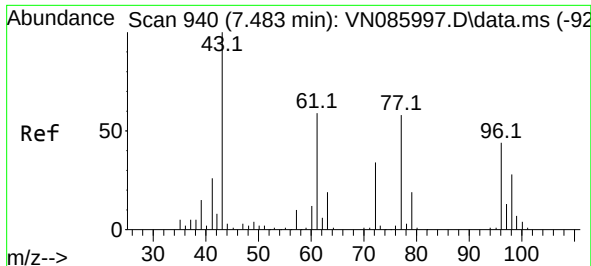


#24
 1,1-Dichloroethane
 Concen: 51.681 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03



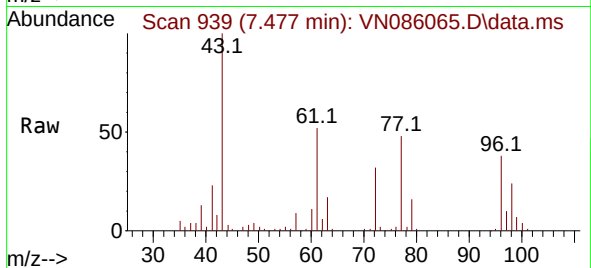
Tgt Ion: 63 Resp: 166473
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.7 2.5 7.5





#25
2-Butanone
Concen: 251.070 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

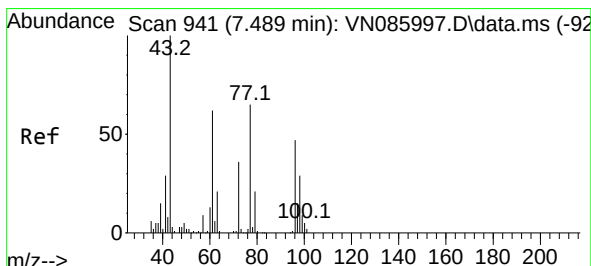
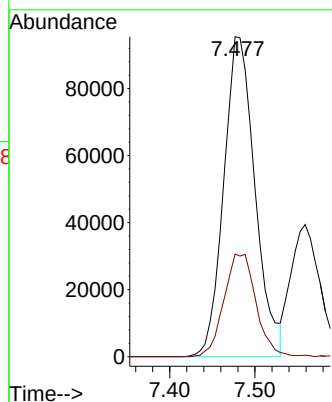
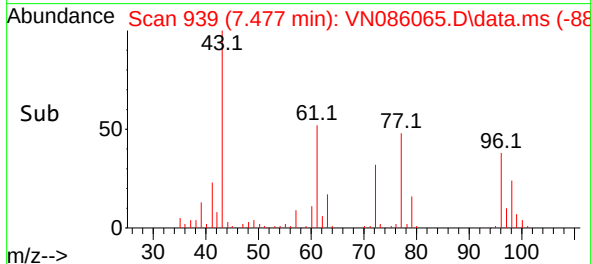
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



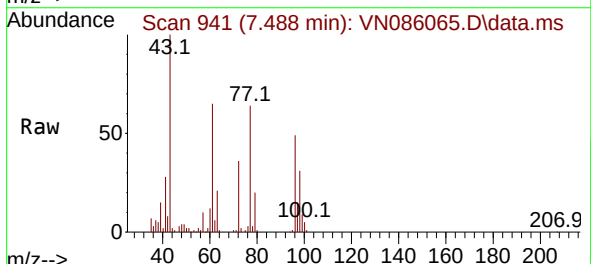
Tgt Ion: 43 Resp: 243752
Ion Ratio Lower Upper
43 100
72 32.0 27.4 41.0

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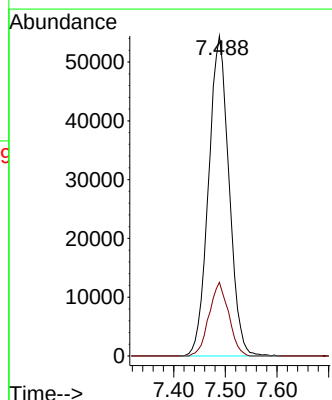
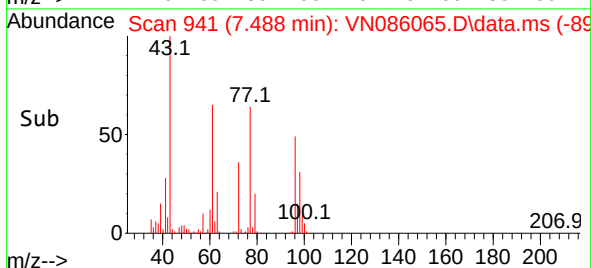
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

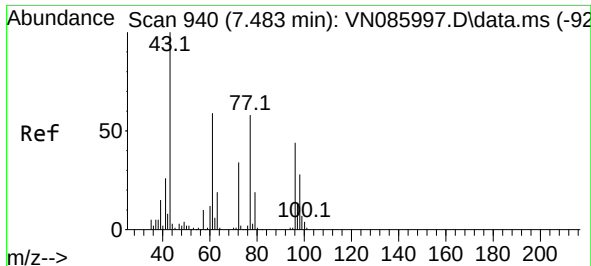


#26
2,2-Dichloropropane
Concen: 48.257 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



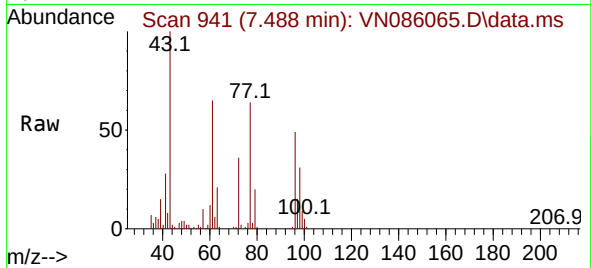
Tgt Ion: 77 Resp: 149654
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 52.939 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

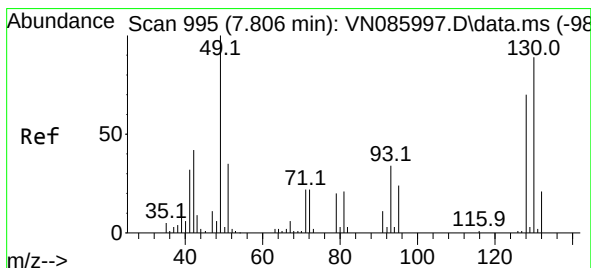
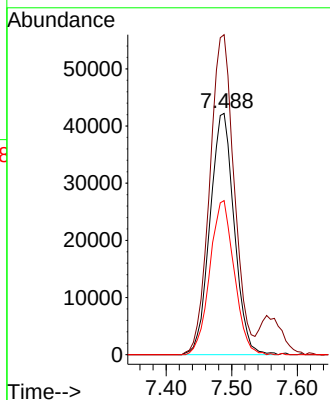
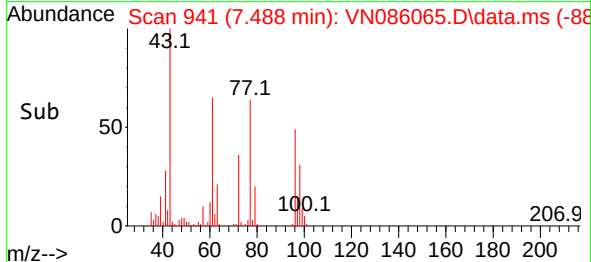
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 10832
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 272.8
 98 64.2 0.0 124.8

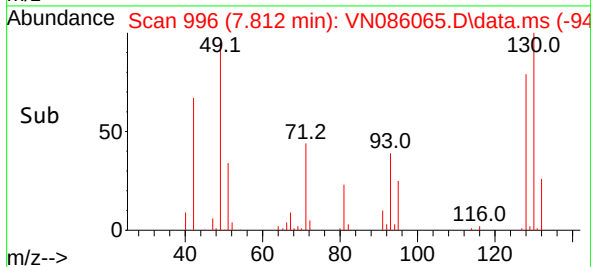
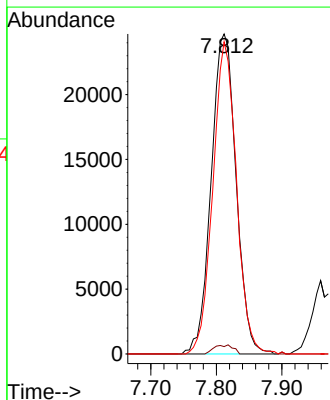
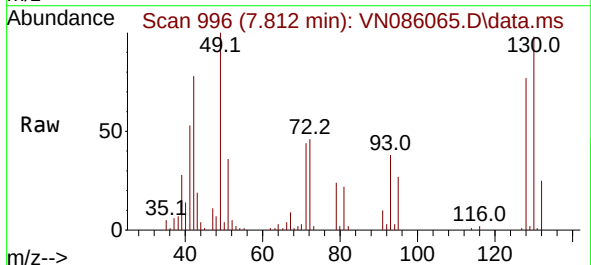
Manual Integrations
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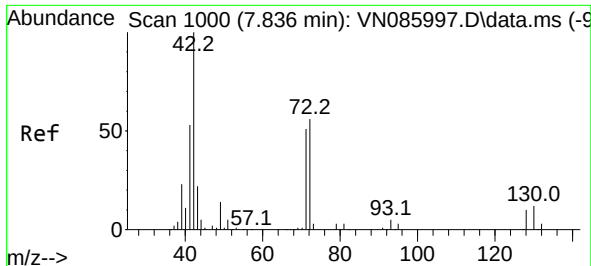
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#28
 Bromochloromethane
 Concen: 47.726 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

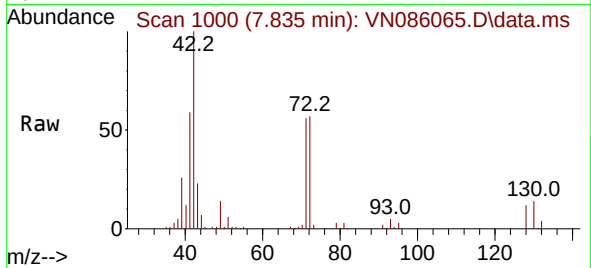
Tgt Ion: 49 Resp: 65134
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 92.3 74.2 111.4





#29
Tetrahydrofuran
Concen: 275.601 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

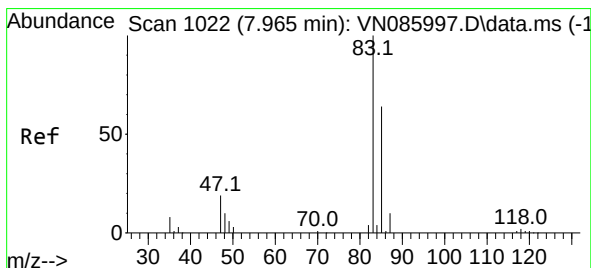
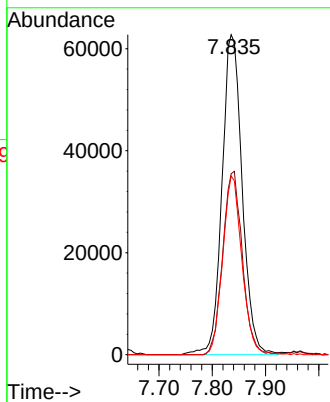
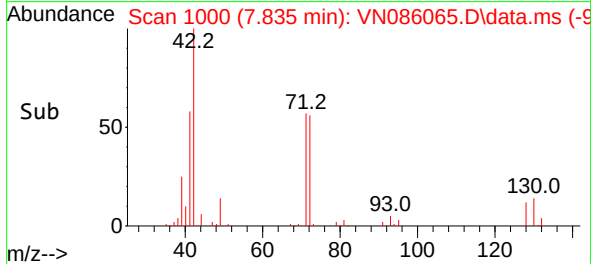
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 16518
Ion Ratio Lower Upper
42 100
72 55.6 45.0 67.4
71 53.2 41.9 62.9

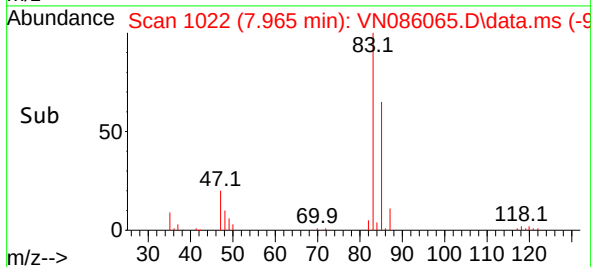
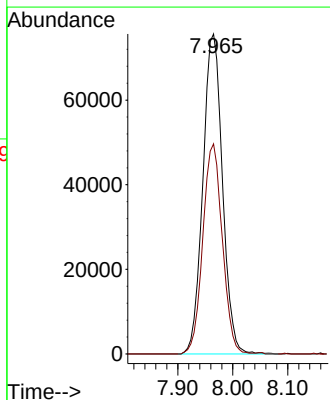
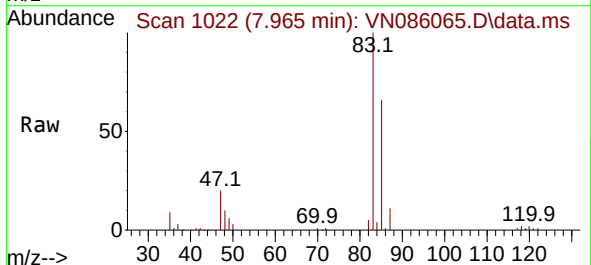
Manual Integrations
APPROVED

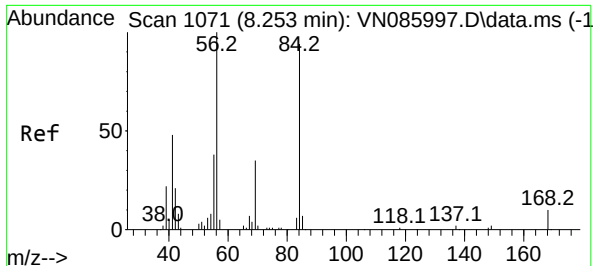
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#30
Chloroform
Concen: 52.594 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

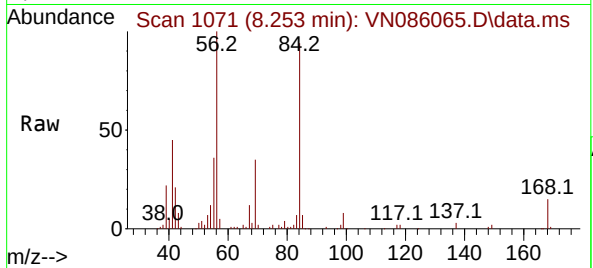
Tgt Ion: 83 Resp: 187259
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3





#31
Cyclohexane
Concen: 47.294 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

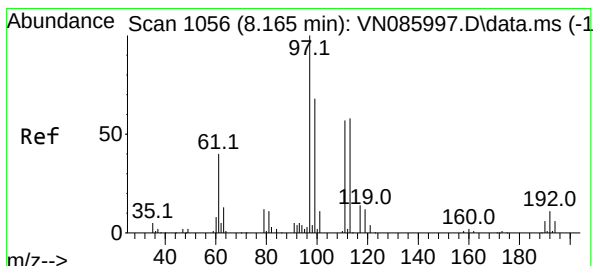
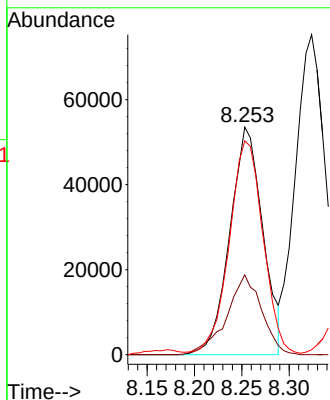
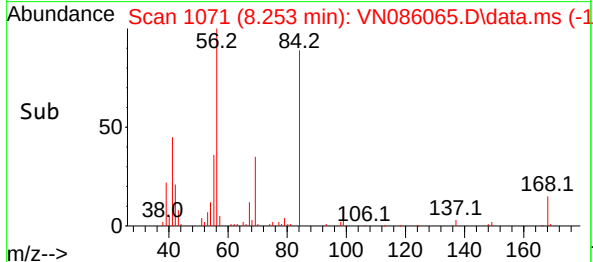
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



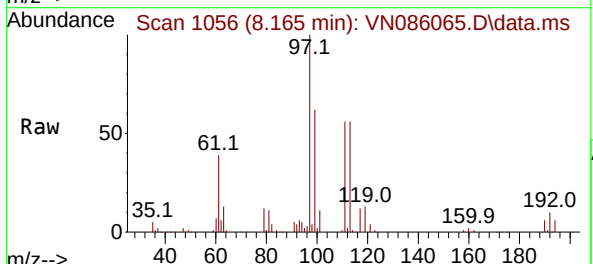
Tgt Ion: 56 Resp: 129779
Ion Ratio Lower Upper
56 100
69 35.1 28.0 42.0
84 92.6 75.0 112.6

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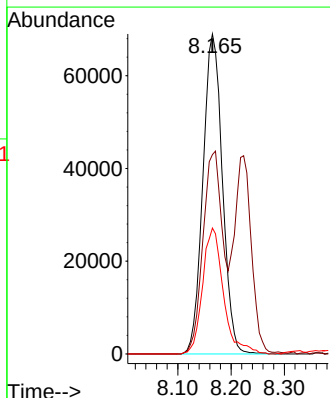
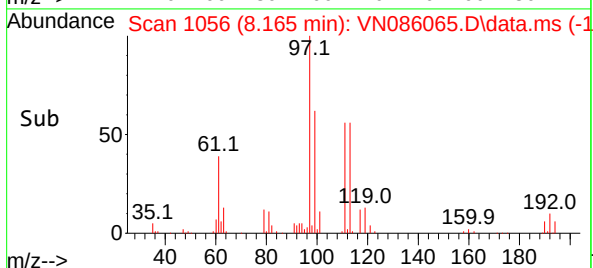
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

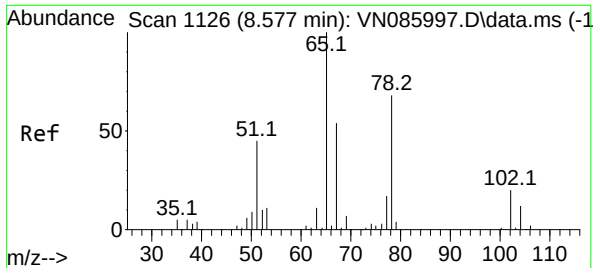


#32
1,1,1-Trichloroethane
Concen: 51.965 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 97 Resp: 175140
Ion Ratio Lower Upper
97 100
99 64.5 52.8 79.2
61 42.1 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.615 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 113674

Ion Ratio Lower Upper

65 100

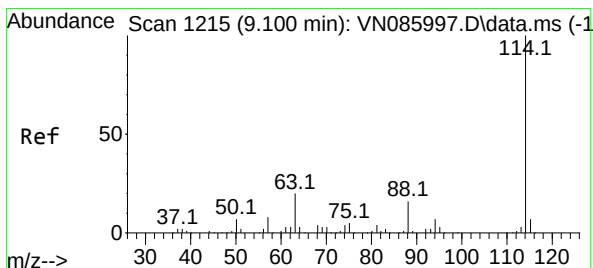
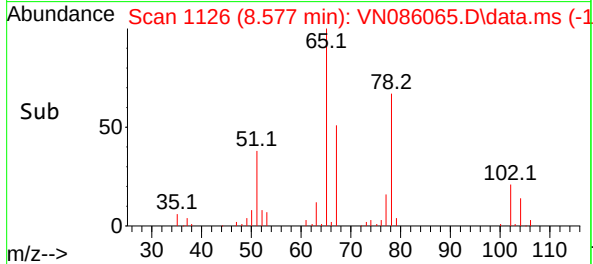
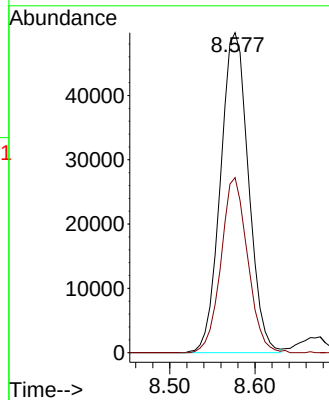
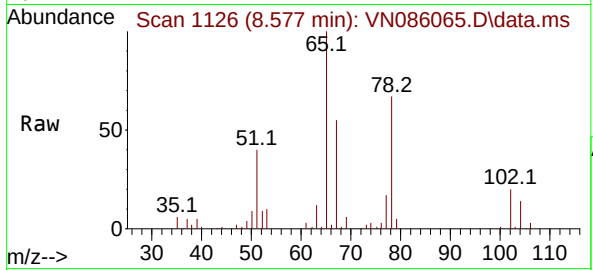
67 52.1 0.0 102.2

Manual Integrations

APPROVED

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: VN086065.D

Acq: 24 Mar 2025 12:03

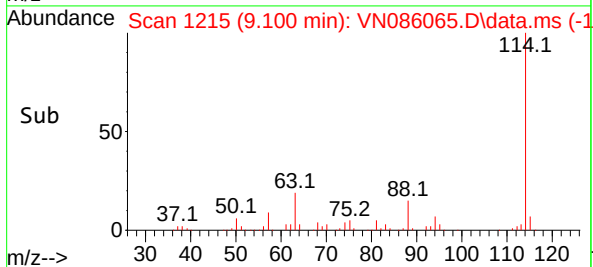
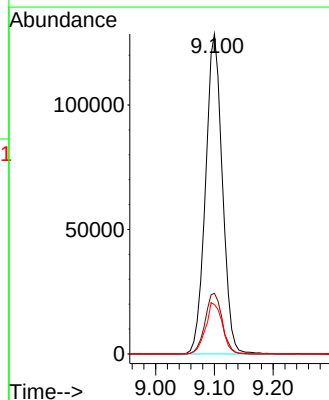
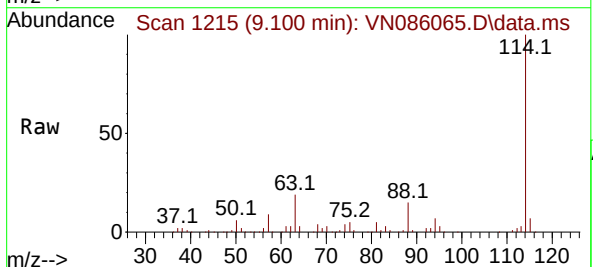
Tgt Ion:114 Resp: 254989

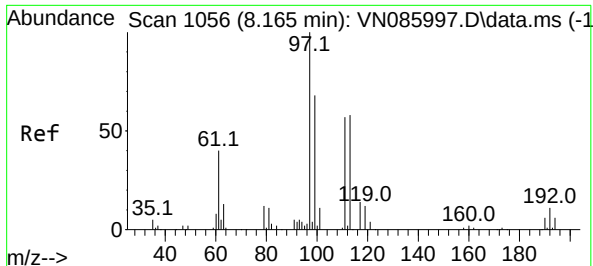
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

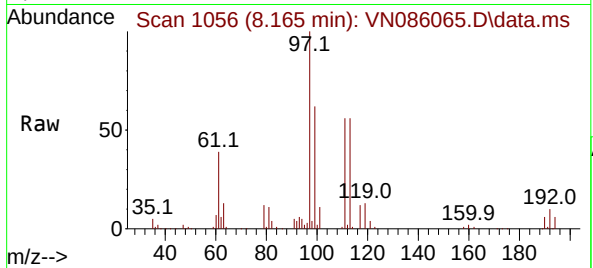
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.552 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

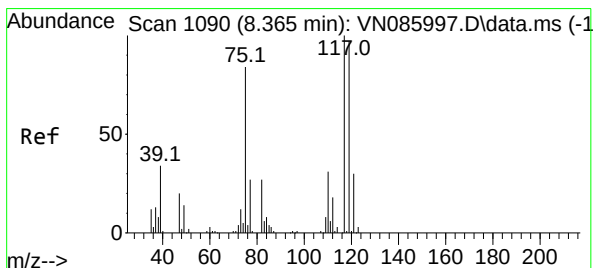
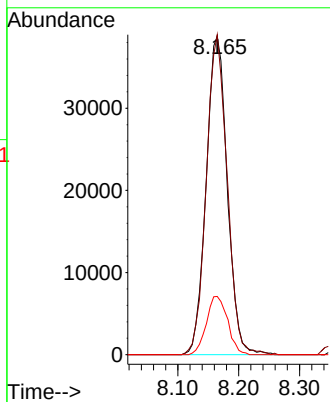
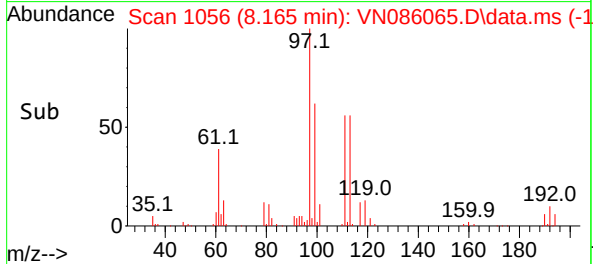
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 93532
Ion Ratio Lower Upper
113 100
111 99.1 81.8 122.8
192 18.4 15.9 23.9

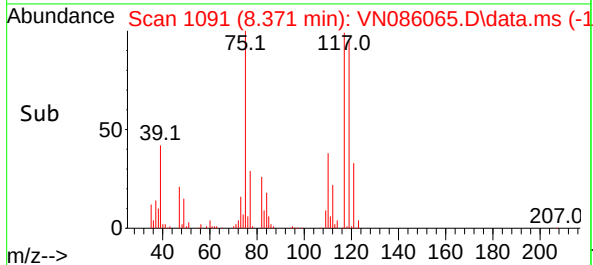
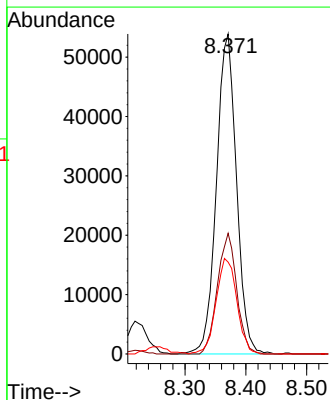
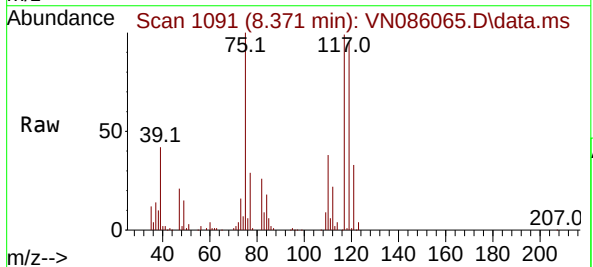
Manual Integrations
APPROVED

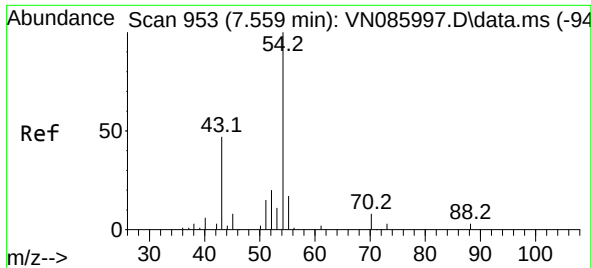
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#36
1,1-Dichloropropene
Concen: 52.647 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion: 75 Resp: 123380
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.3
77 30.9 25.0 37.4





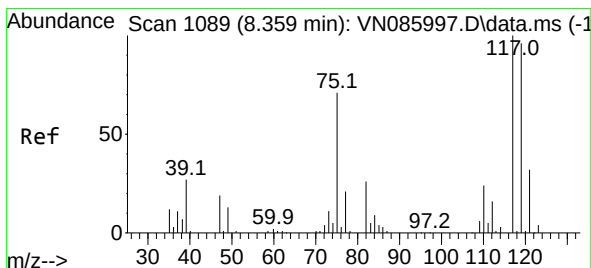
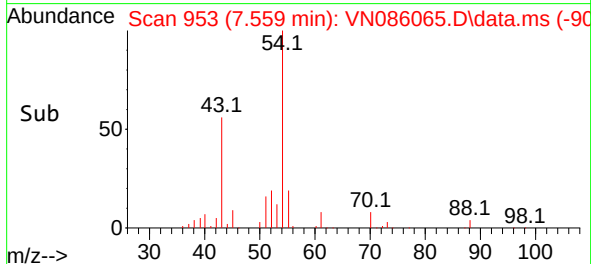
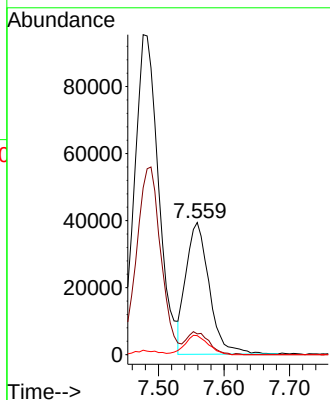
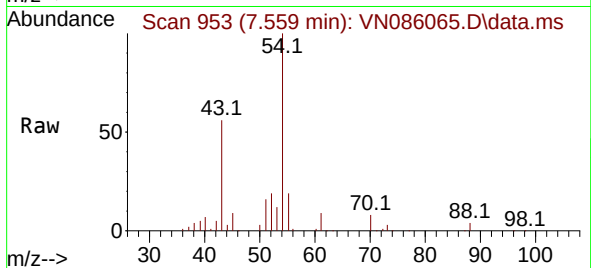
#37
Ethyl Acetate
Concen: 48.927 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 96734
Ion Ratio Lower Upper
43 100
61 16.3 13.0 19.4
70 14.9 11.0 16.6

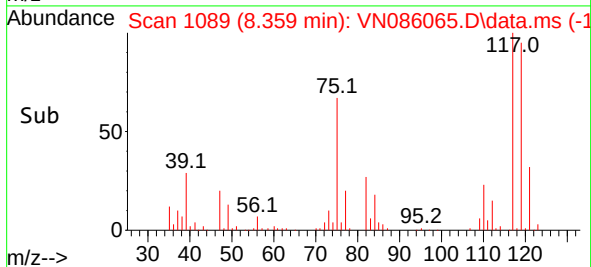
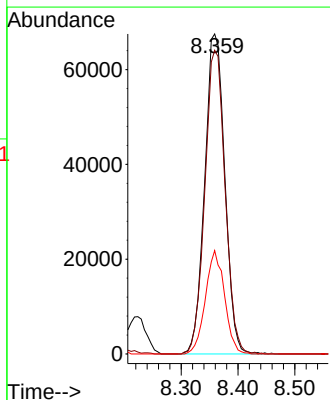
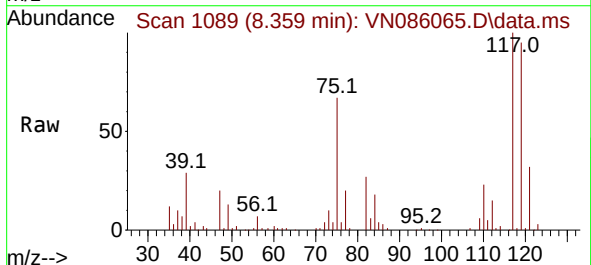
Manual Integrations
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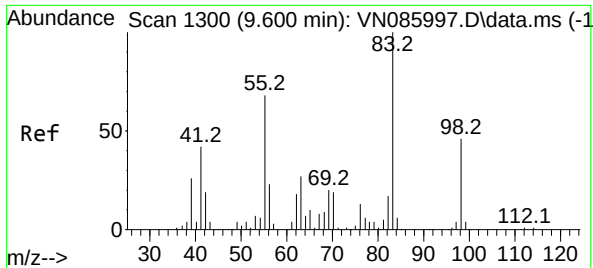
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#38
Carbon Tetrachloride
Concen: 53.784 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion:117 Resp: 165729
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
121 32.3 25.6 38.4





#39

Methylcyclohexane

Concen: 48.757 ug/l

RT: 9.600 min Scan# 11336

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11336

Ion Ratio Lower Upper

83 100

55 76.6 54.2 81.2

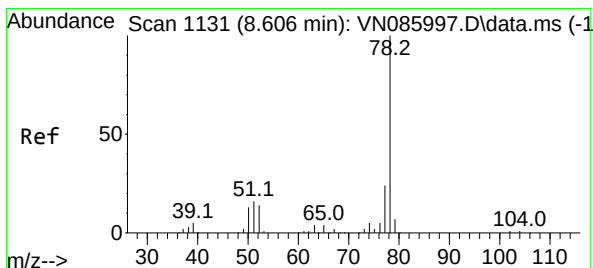
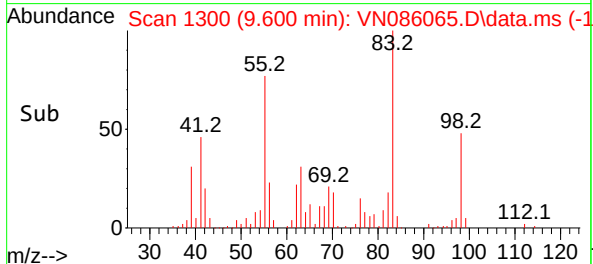
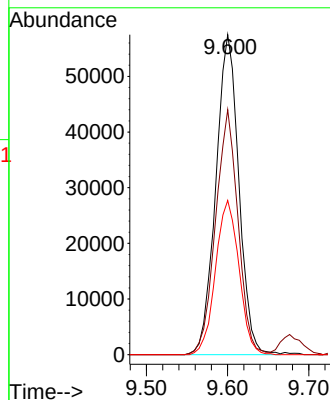
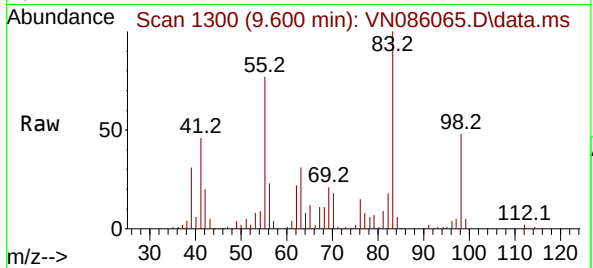
98 48.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#40

Benzene

Concen: 54.164 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086065.D

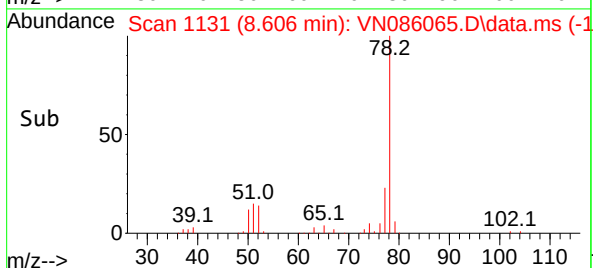
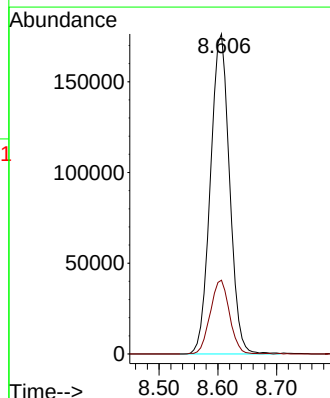
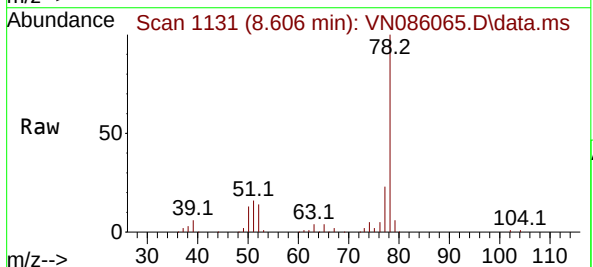
Acq: 24 Mar 2025 12:03

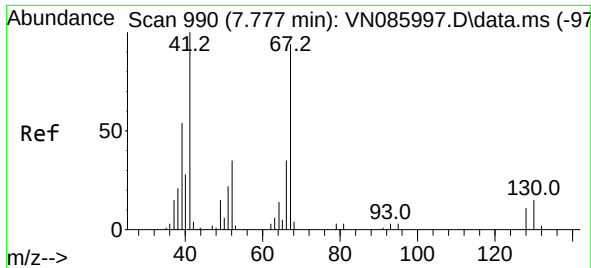
Tgt Ion: 78 Resp: 398483

Ion Ratio Lower Upper

78 100

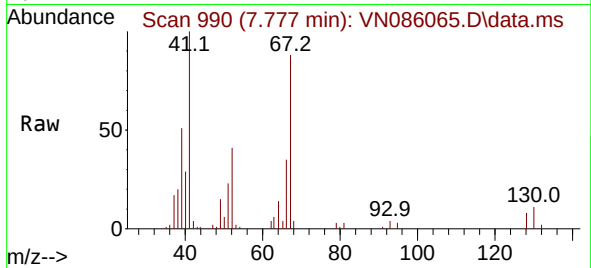
77 23.0 18.9 28.3





#41
Methacrylonitrile
Concen: 52.530 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

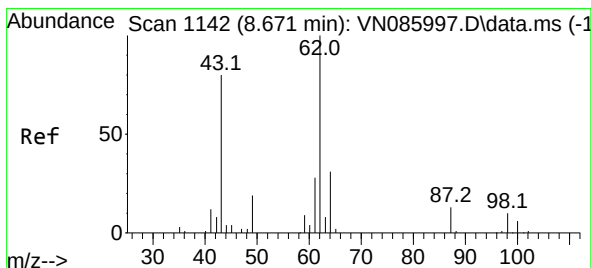
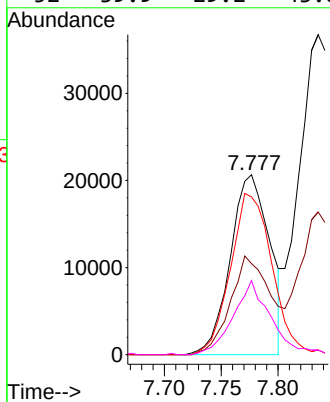
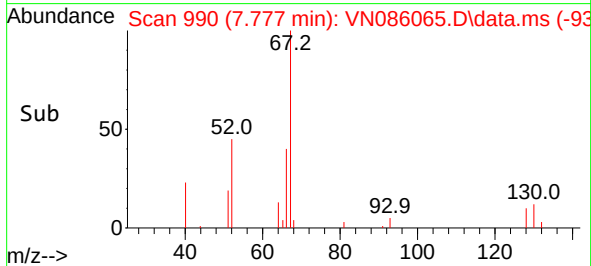
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 49592
Ion Ratio Lower Upper
41 100
39 57.6 46.2 69.2
67 95.1 75.9 113.9
52 39.9 29.2 43.8

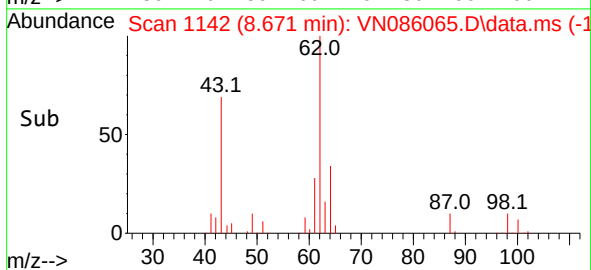
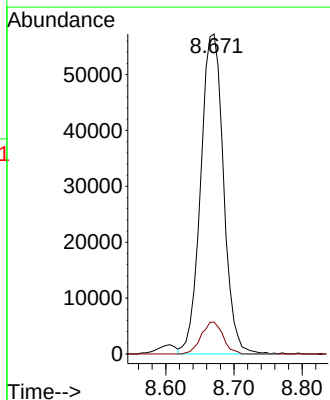
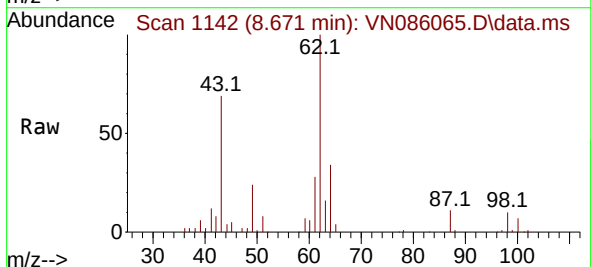
Manual Integrations
APPROVED

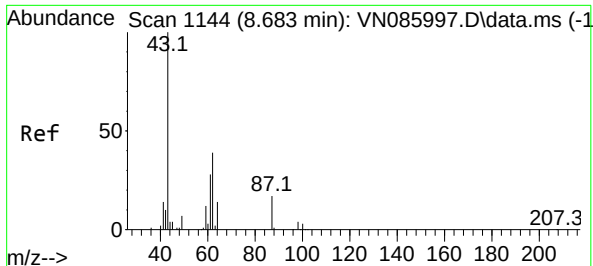
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#42
1,2-Dichloroethane
Concen: 52.081 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

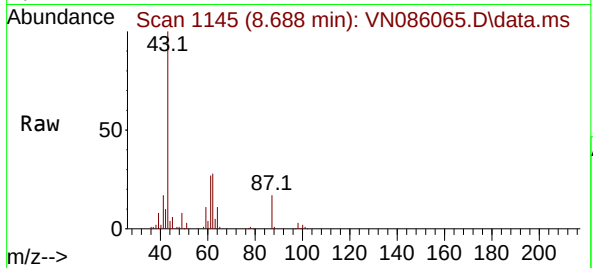
Tgt Ion: 62 Resp: 133507
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43
Isopropyl Acetate
Concen: 38.344 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

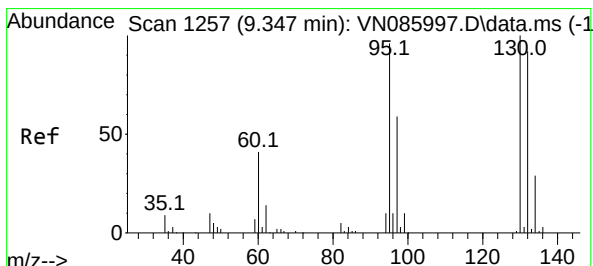
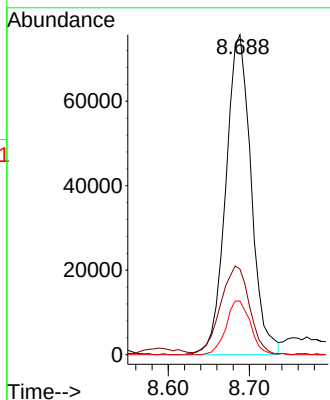
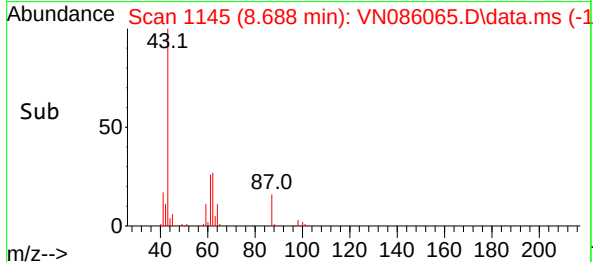
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



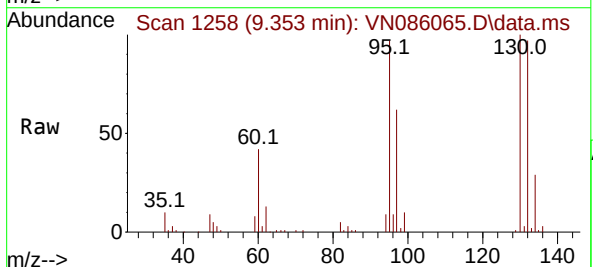
Tgt Ion: 43 Resp: 16427
Ion Ratio Lower Upper
43 100
61 31.9 25.0 37.6
87 16.2 13.0 19.4

Manual Integrations
APPROVED

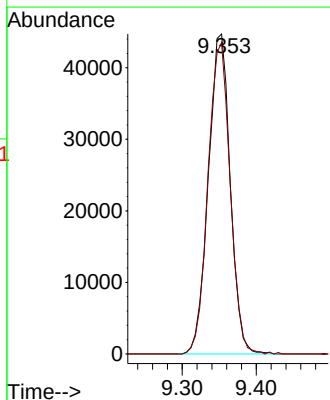
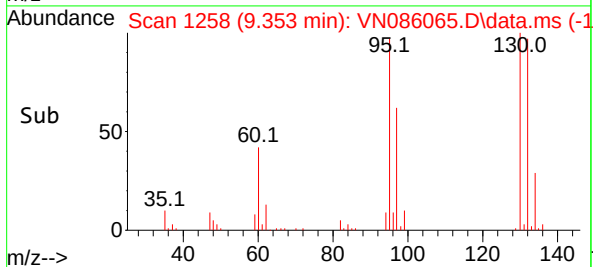
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

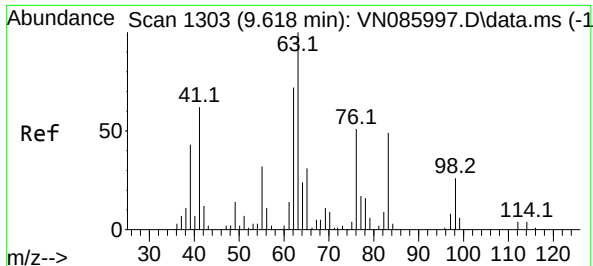


#44
Trichloroethene
Concen: 47.961 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion:130 Resp: 91449
Ion Ratio Lower Upper
130 100
95 97.3 0.0 191.6





#45

1,2-Dichloropropane

Concen: 54.854 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9178

Ion Ratio Lower Upper

63 100

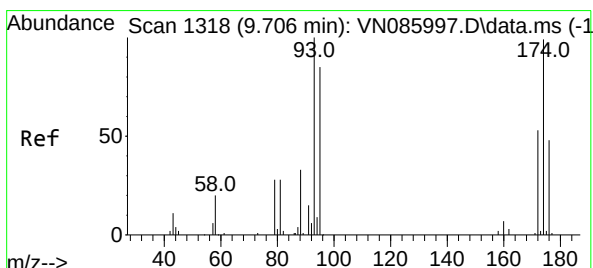
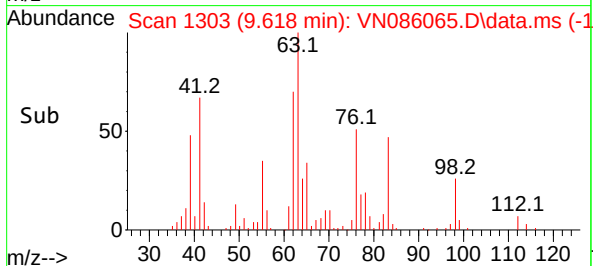
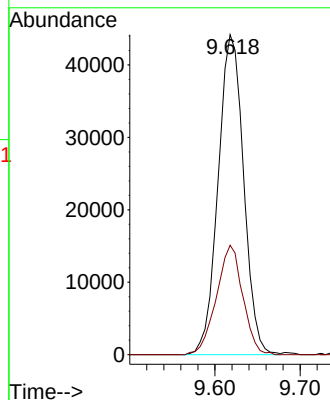
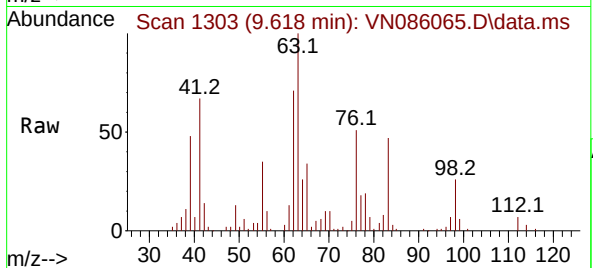
65 34.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#46

Dibromomethane

Concen: 54.141 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

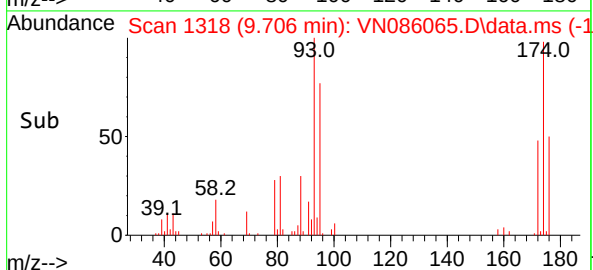
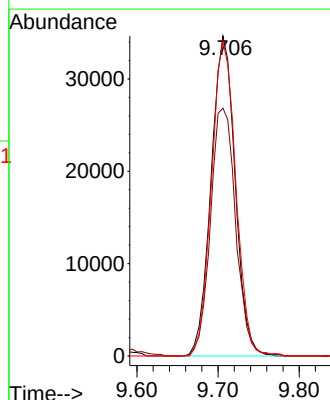
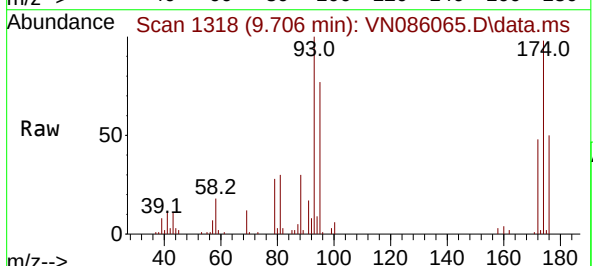
Tgt Ion: 93 Resp: 71246

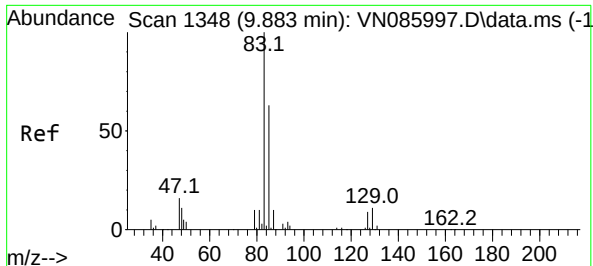
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.2

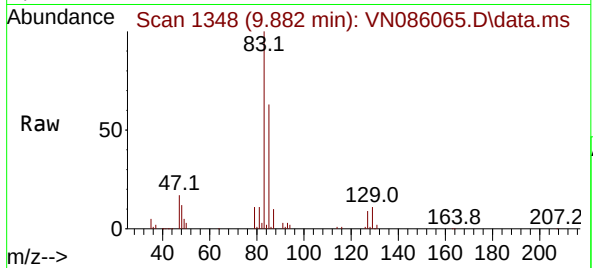
174 99.5 80.1 120.1





#47
Bromodichloromethane
Concen: 53.456 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

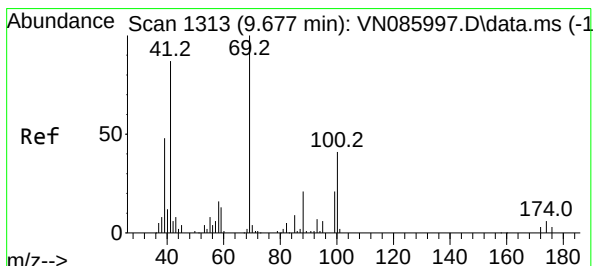
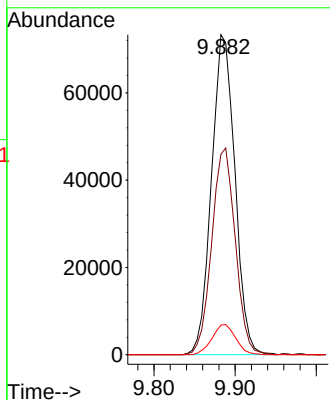
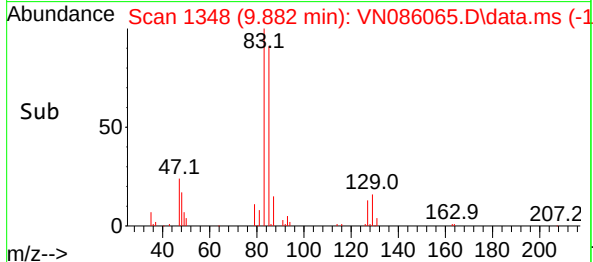
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



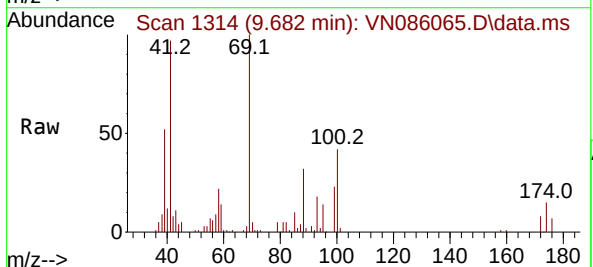
Tgt Ion: 83 Resp: 147018
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2
127 9.2 7.1 10.7

Manual Integrations
APPROVED

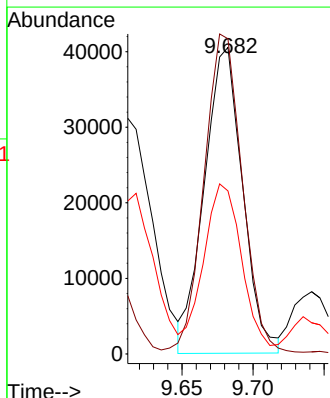
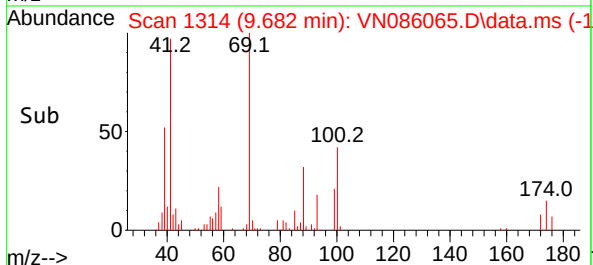
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

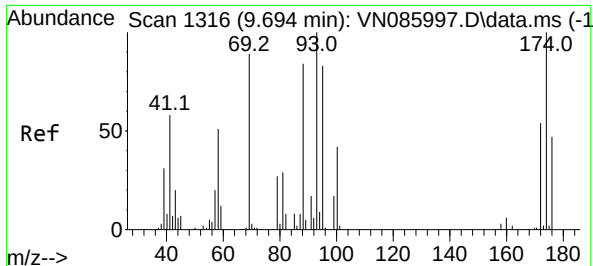


#48
Methyl methacrylate
Concen: 53.692 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 41 Resp: 75908
Ion Ratio Lower Upper
41 100
69 103.6 83.1 124.7
39 56.1 45.6 68.4





#49

1,4-Dioxane

Concen: 1081.716 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3615

Ion Ratio Lower Upper

88 100

43 23.8 21.7 32.5

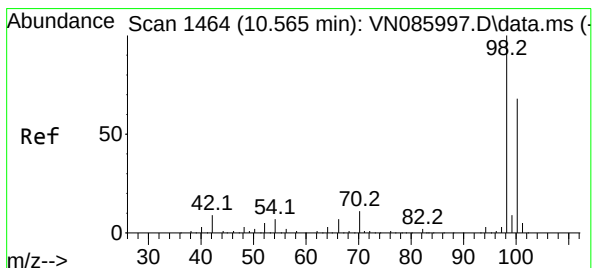
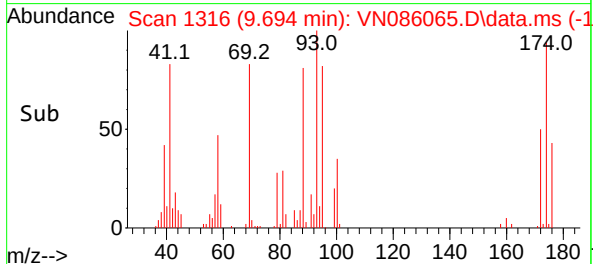
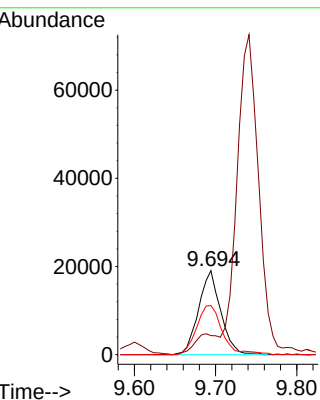
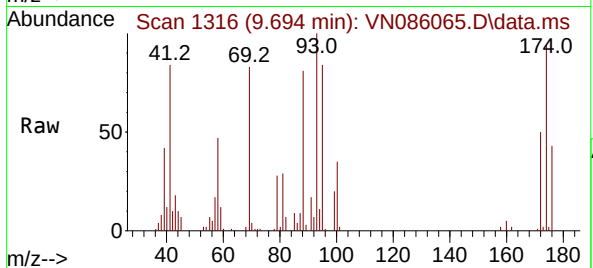
58 67.9 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#50

Toluene-d8

Concen: 53.475 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086065.D

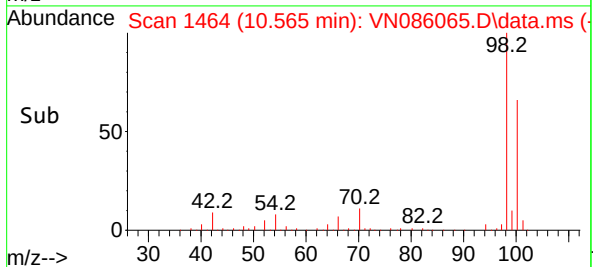
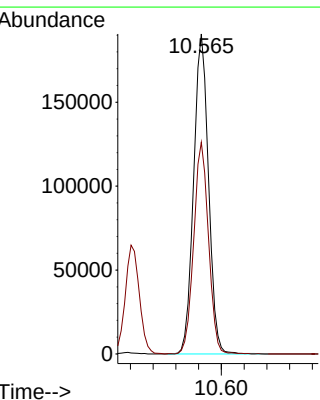
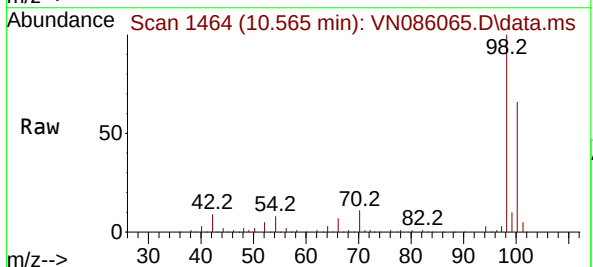
Acq: 24 Mar 2025 12:03

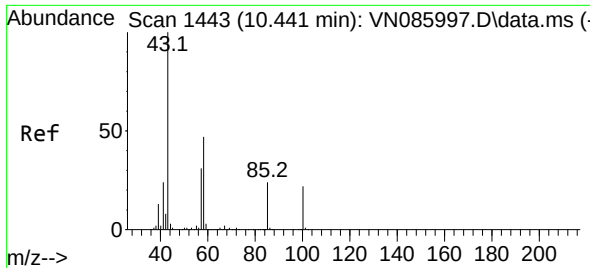
Tgt Ion: 98 Resp: 345415

Ion Ratio Lower Upper

98 100

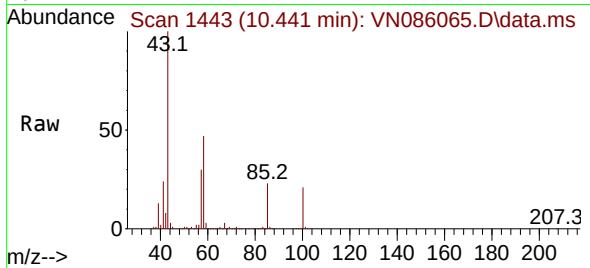
100 65.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 287.223 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

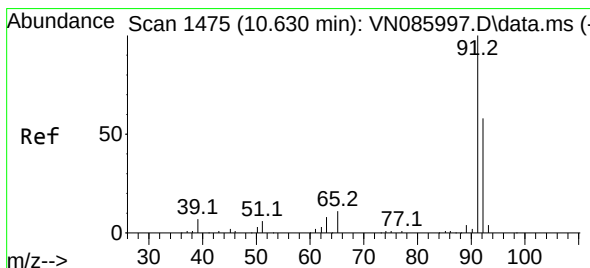
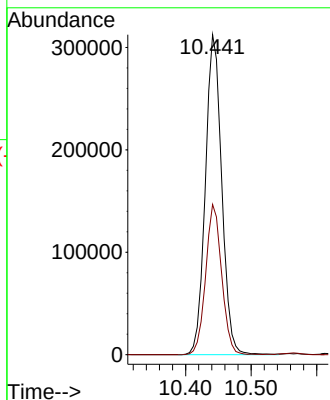
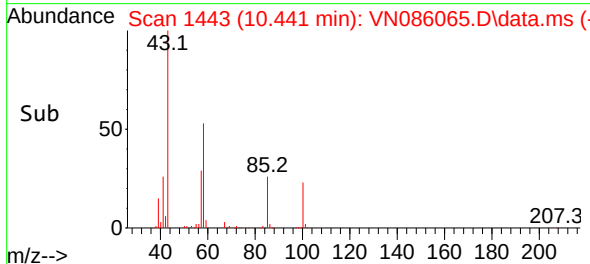
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



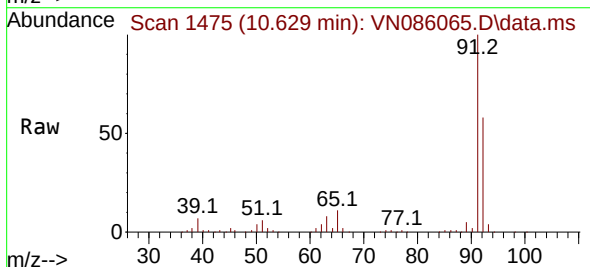
Tgt Ion: 43 Resp: 542700
Ion Ratio Lower Upper
43 100
58 45.9 37.4 56.0

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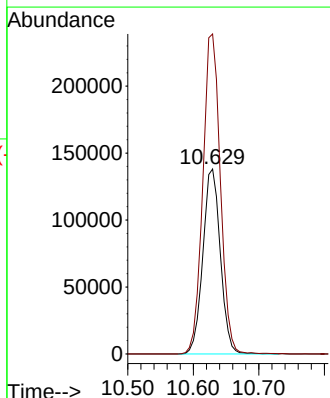
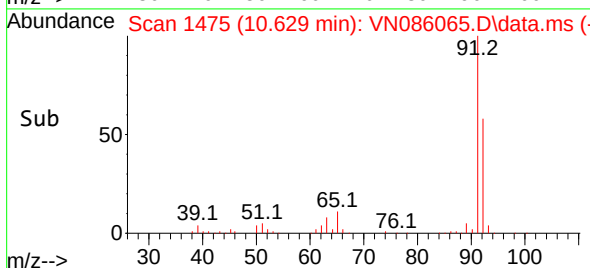
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

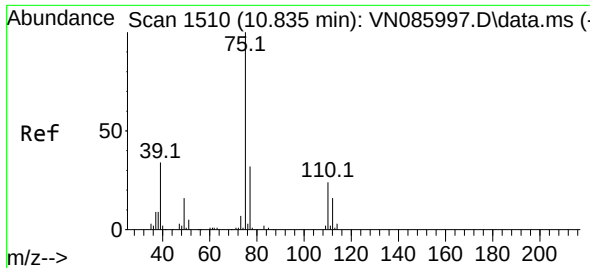


#52
Toluene
Concen: 56.676 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



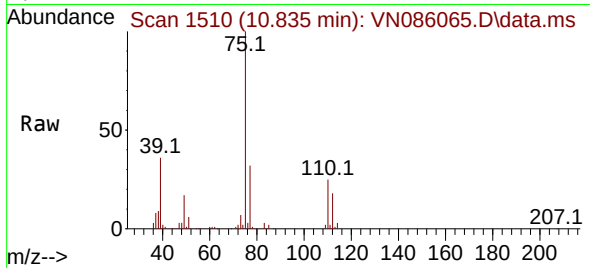
Tgt Ion: 92 Resp: 255909
Ion Ratio Lower Upper
92 100
91 174.0 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 52.792 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

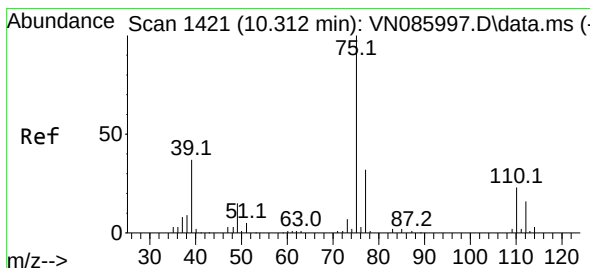
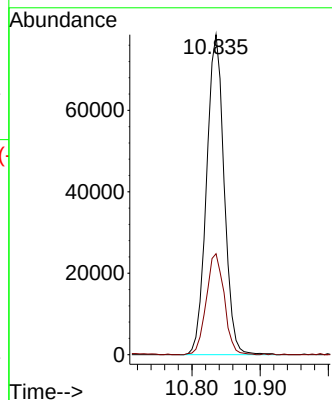
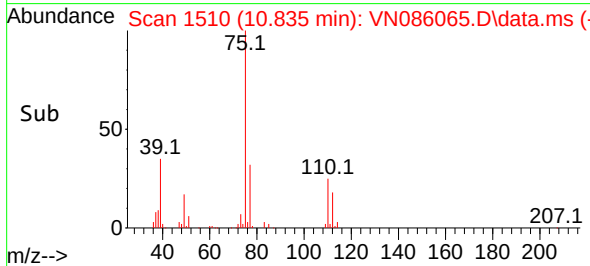
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



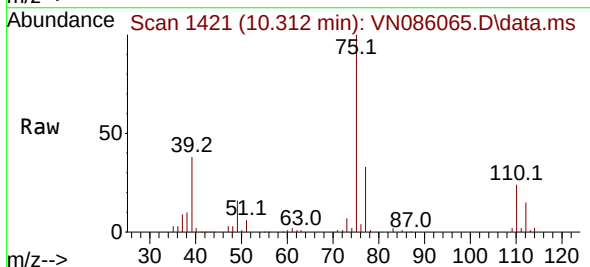
Tgt Ion: 75 Resp: 141009
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

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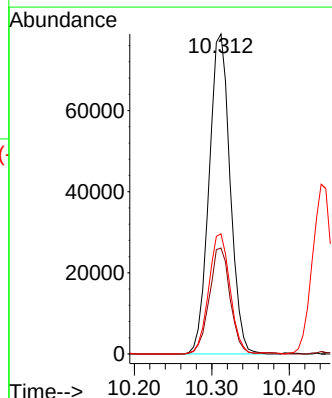
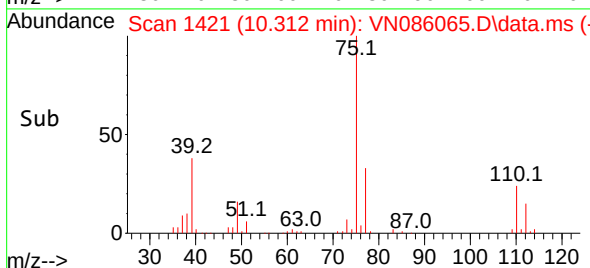
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

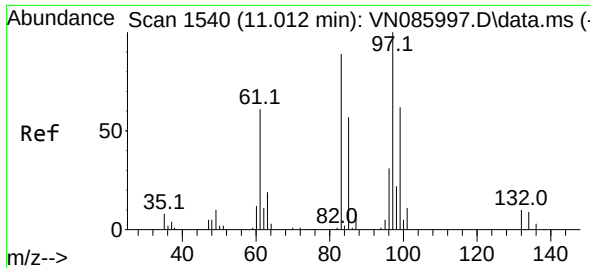


#54
cis-1,3-Dichloropropene
Concen: 52.860 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



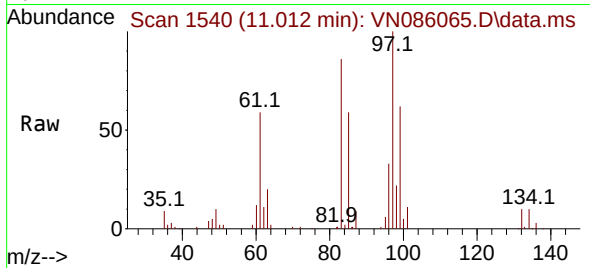
Tgt Ion: 75 Resp: 148960
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9
39 37.5 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 55.595 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

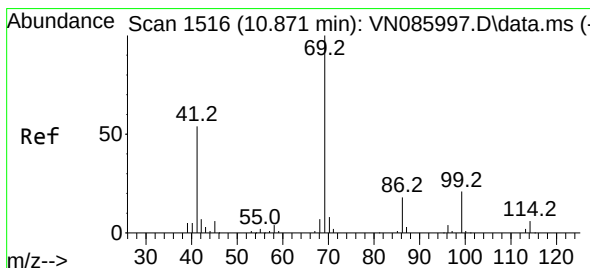
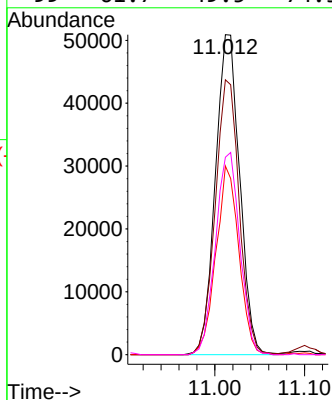
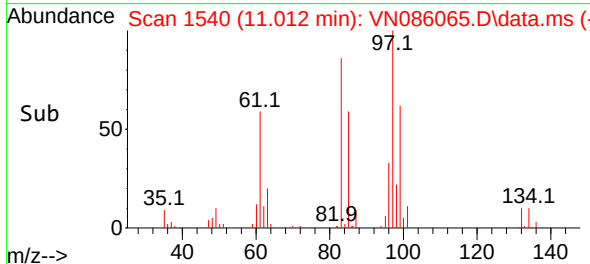
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



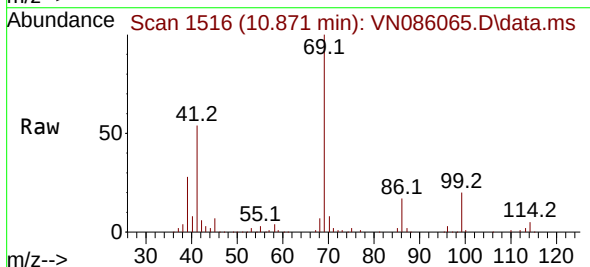
Tgt Ion: 97 Resp: 9581
Ion Ratio Lower Upper
97 100
83 85.9 71.2 106.8
85 59.0 45.4 68.0
99 61.7 49.5 74.3

Manual Integrations
APPROVED

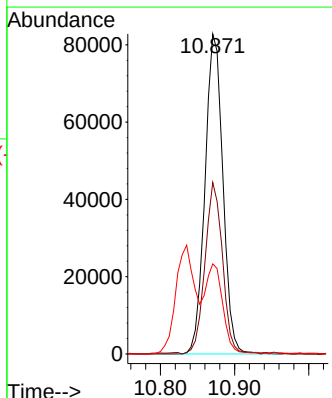
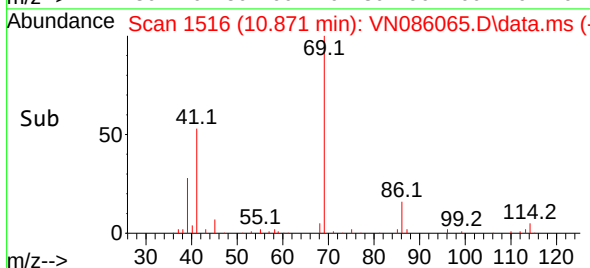
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

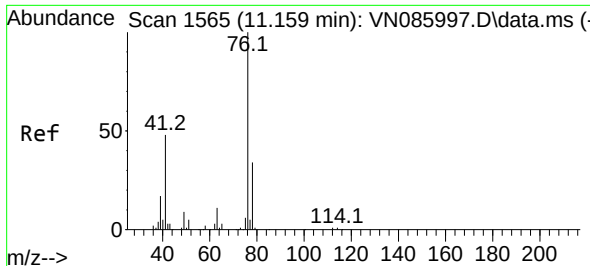


#56
Ethyl methacrylate
Concen: 51.359 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 69 Resp: 138828
Ion Ratio Lower Upper
69 100
41 52.6 41.6 62.4
39 28.1 21.8 32.8





#57

1,3-Dichloropropane

Concen: 55.209 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086065.D

Acq: 24 Mar 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 161600

Ion Ratio Lower Upper

76 100

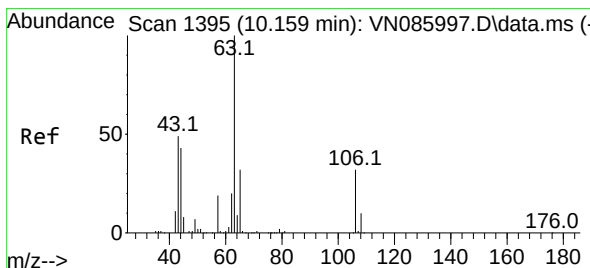
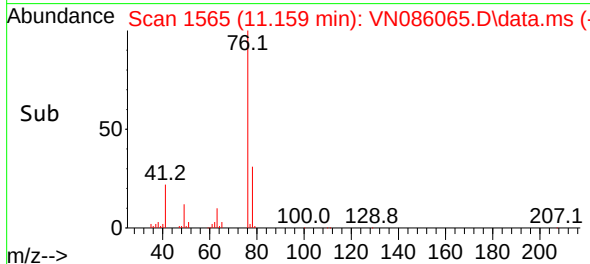
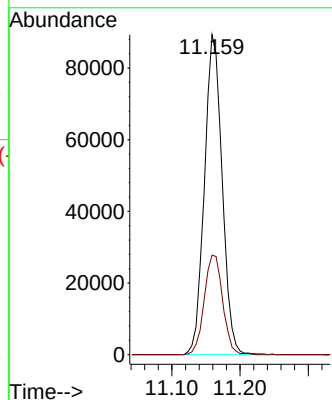
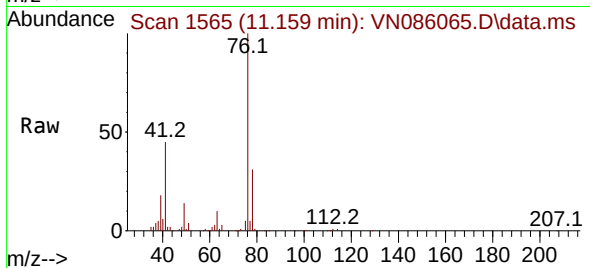
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 299.470 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086065.D

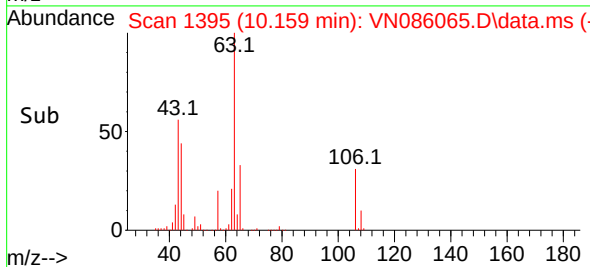
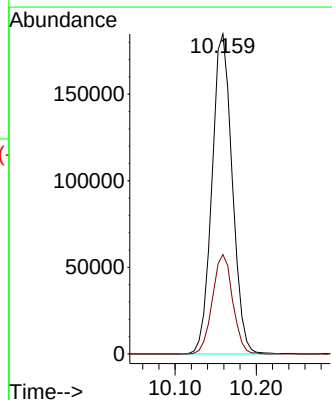
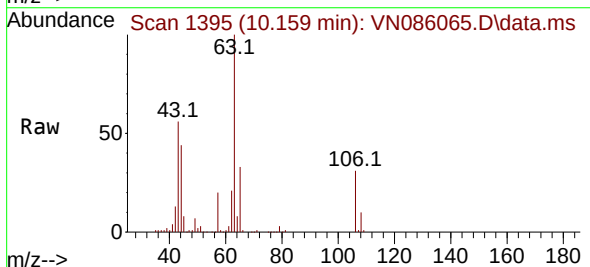
Acq: 24 Mar 2025 12:03

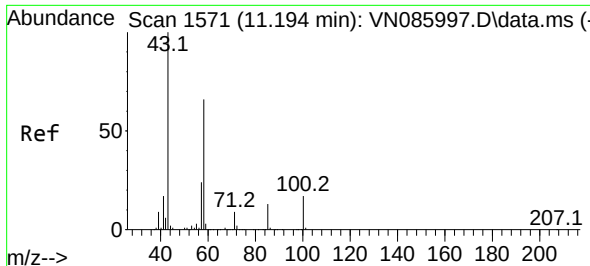
Tgt Ion: 63 Resp: 320884

Ion Ratio Lower Upper

63 100

106 30.9 25.0 37.6





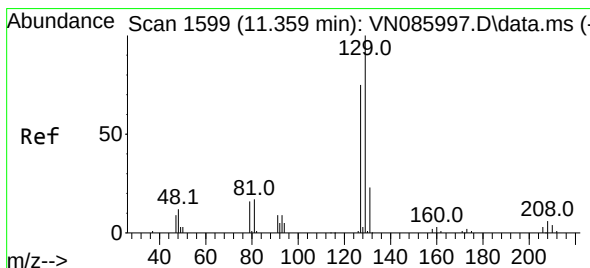
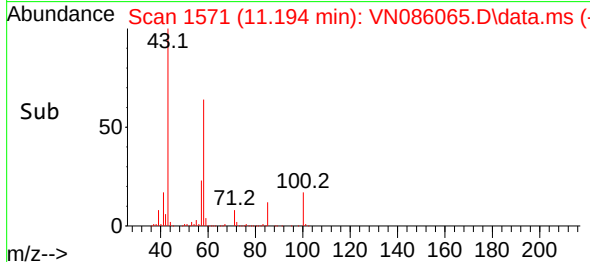
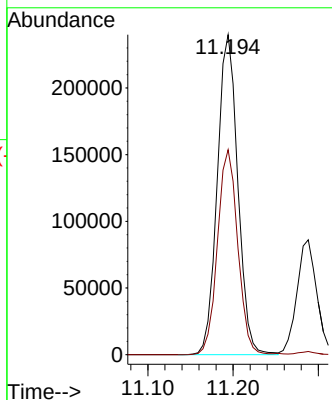
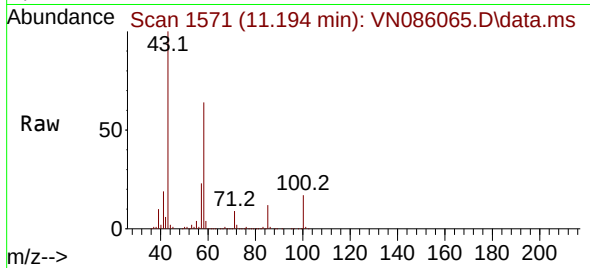
#59
2-Hexanone
Concen: 291.788 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 40163
Ion Ratio Lower Upper
43 100
58 63.1 32.4 97.2

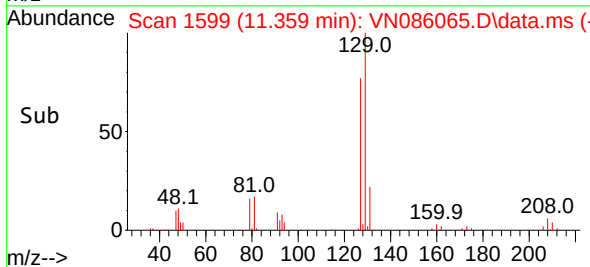
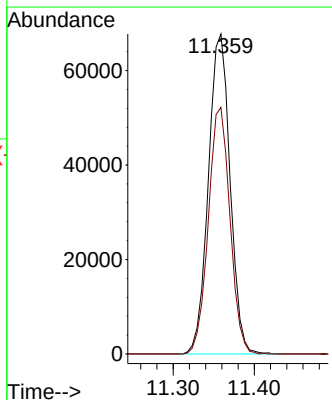
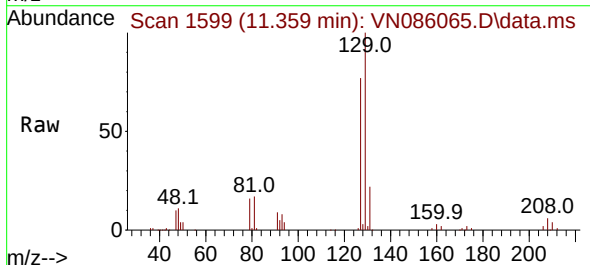
Manual Integrations
APPROVED

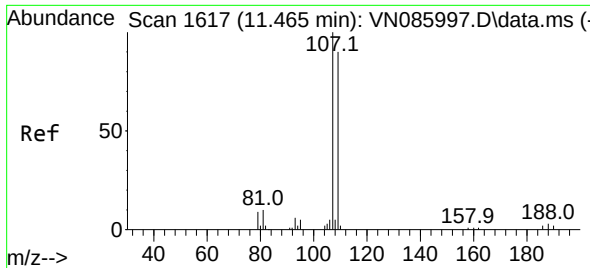
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#60
Dibromochloromethane
Concen: 56.558 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

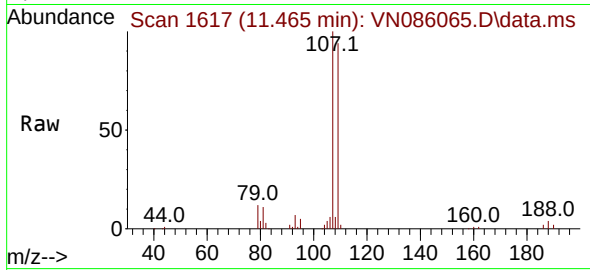
Tgt Ion:129 Resp: 125776
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61
1,2-Dibromoethane
Concen: 54.260 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

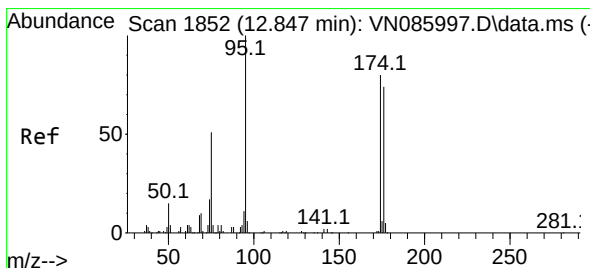
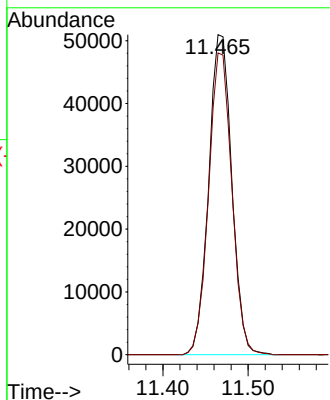
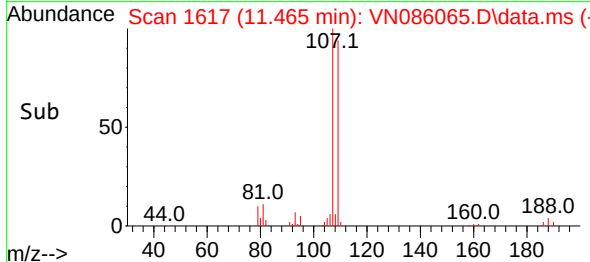
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



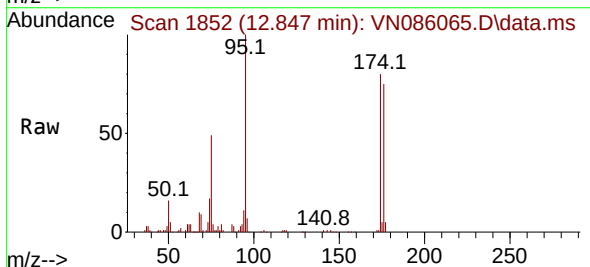
Tgt Ion:107 Resp: 96000
Ion Ratio Lower Upper
107 100
109 94.7 73.3 109.9

Manual Integrations
APPROVED

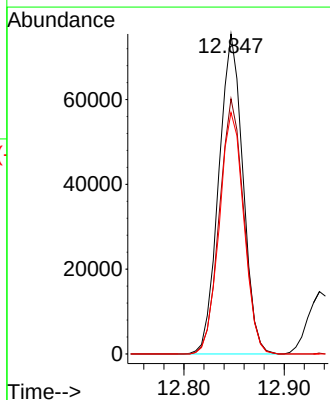
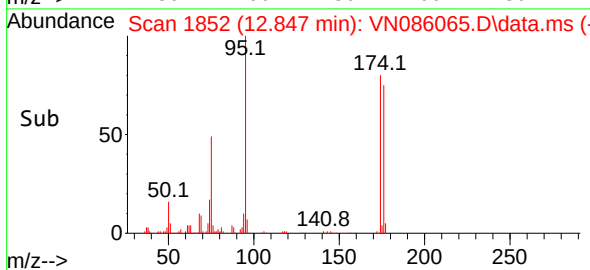
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

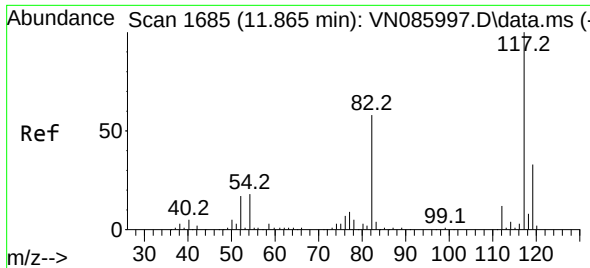


#62
4-Bromofluorobenzene
Concen: 54.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 95 Resp: 125860
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.8
176 76.8 0.0 152.2





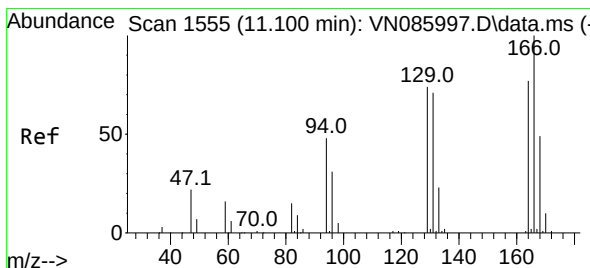
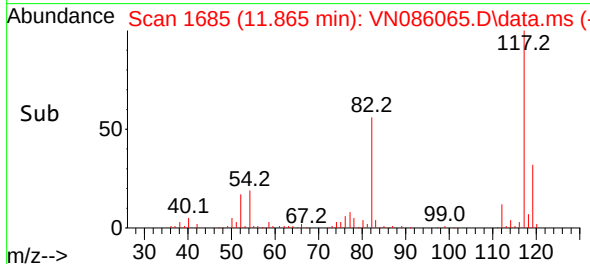
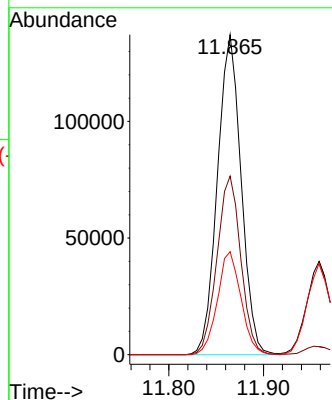
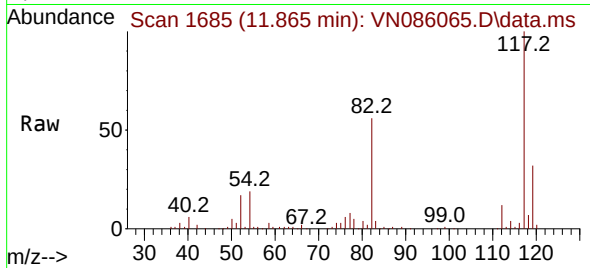
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 239260
Ion Ratio Lower Upper
117 100
82 55.8 46.7 70.1
119 32.2 26.5 39.7

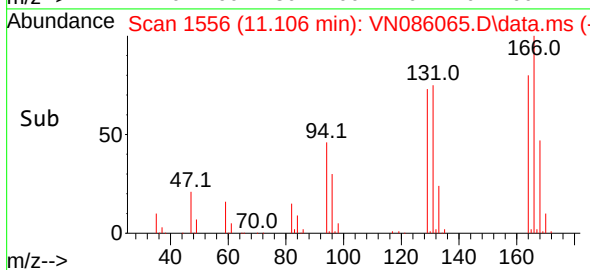
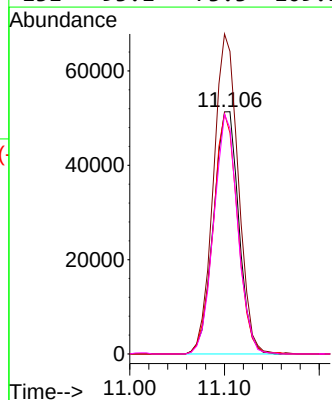
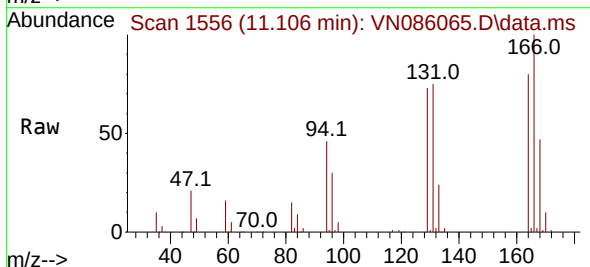
Manual Integrations
APPROVED

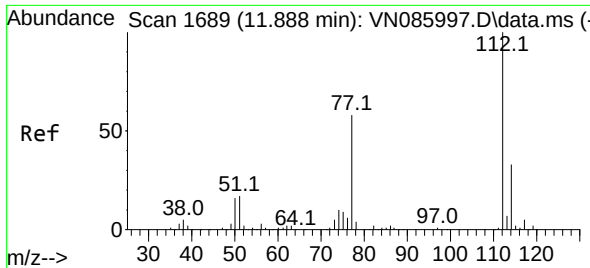
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#64
Tetrachloroethene
Concen: 49.946 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

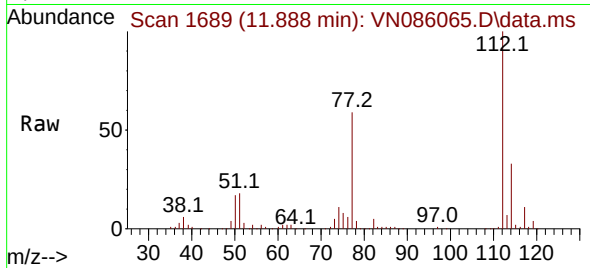
Tgt Ion:164 Resp: 95327
Ion Ratio Lower Upper
164 100
166 124.9 103.7 155.5
129 91.2 77.1 115.7
131 93.1 73.3 109.9





#65
Chlorobenzene
Concen: 49.894 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

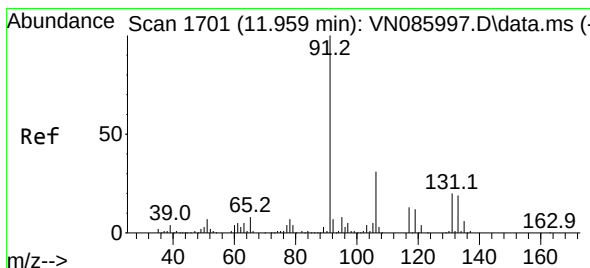
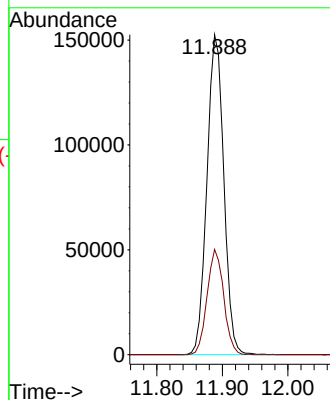
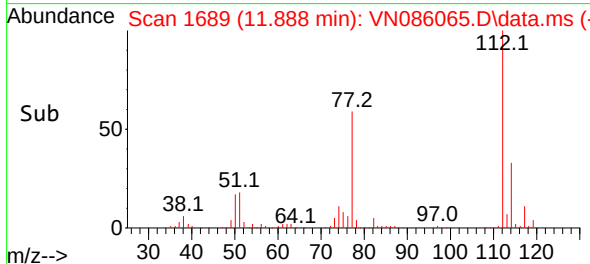
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



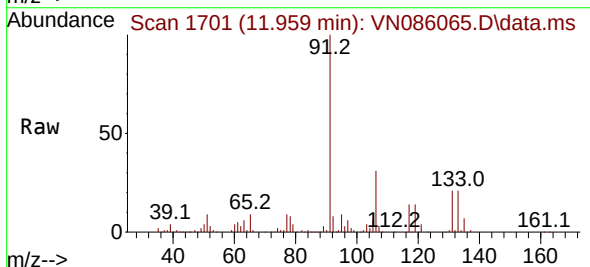
Tgt Ion:112 Resp: 273164
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5

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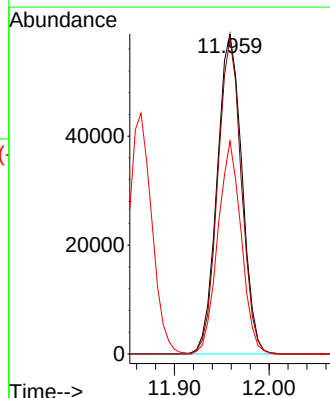
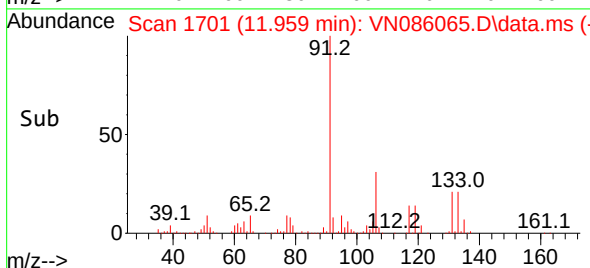
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

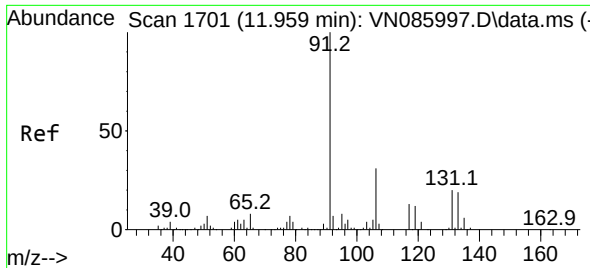


#66
1,1,1,2-Tetrachloroethane
Concen: 52.579 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion:131 Resp: 107010
Ion Ratio Lower Upper
131 100
133 94.2 47.0 141.0
119 62.8 31.4 94.0





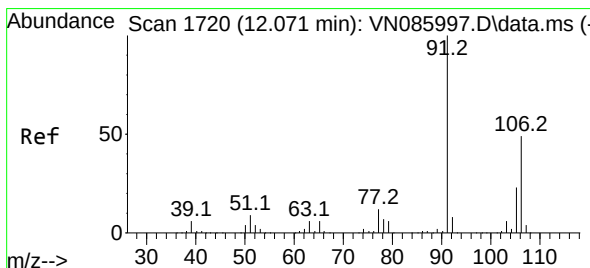
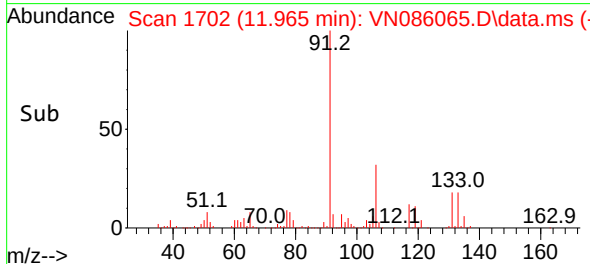
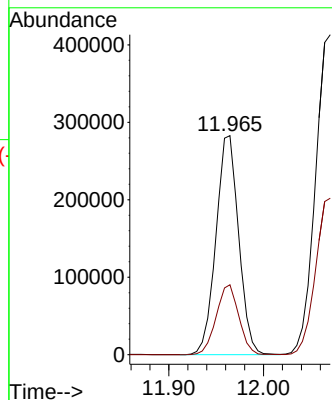
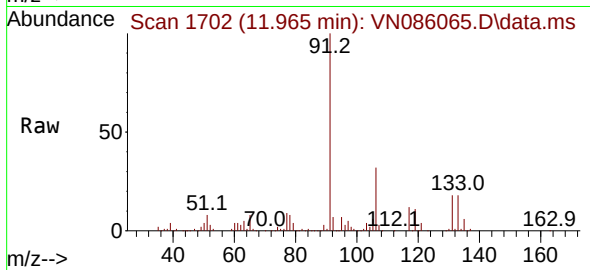
#67
Ethyl Benzene
Concen: 53.881 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 471884
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7

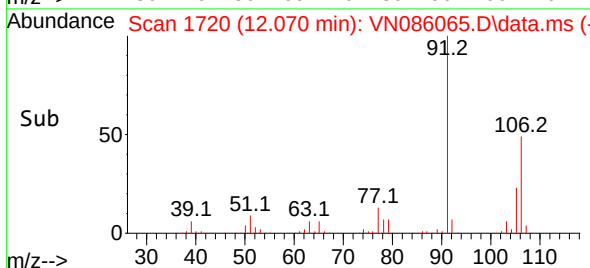
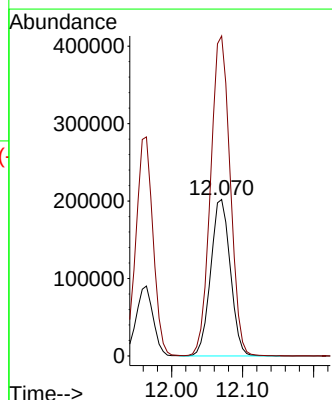
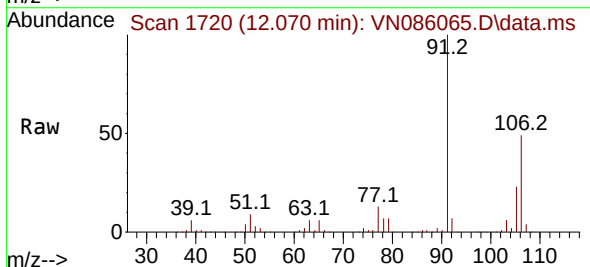
Manual Integrations
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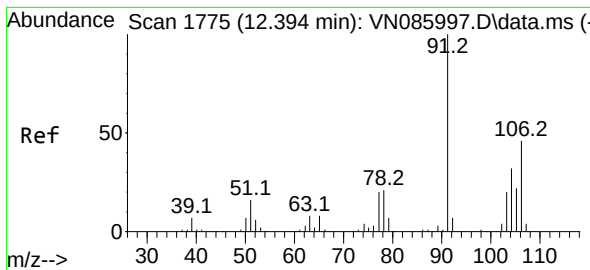
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#68
m/p-Xylenes
Concen: 112.471 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion:106 Resp: 387149
Ion Ratio Lower Upper
106 100
91 204.2 163.9 245.9





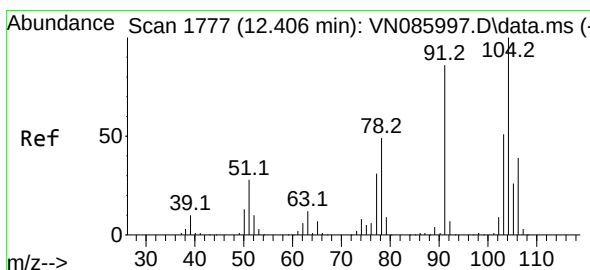
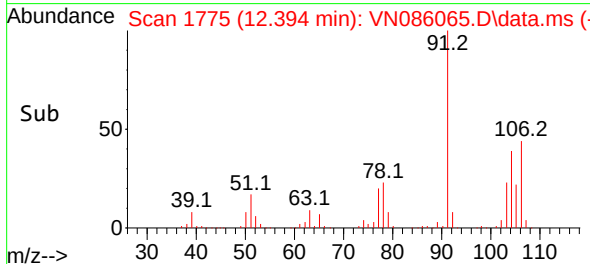
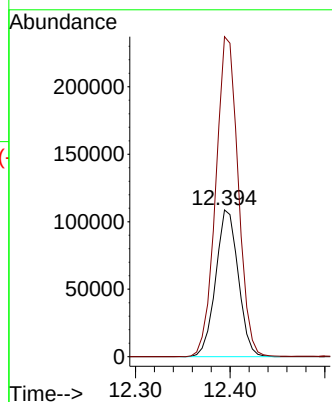
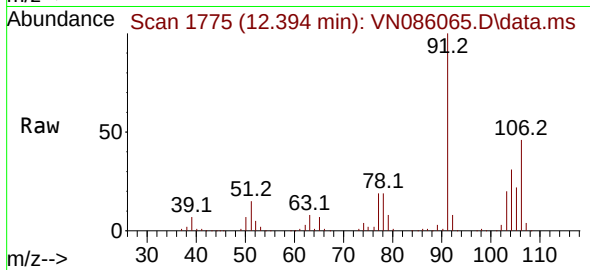
#69
o-Xylene
Concen: 56.922 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 17983
Ion Ratio Lower Upper
106 100
91 217.3 109.1 327.2

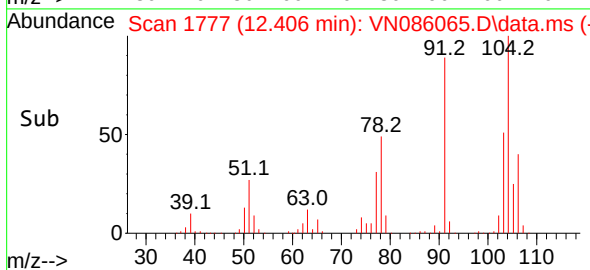
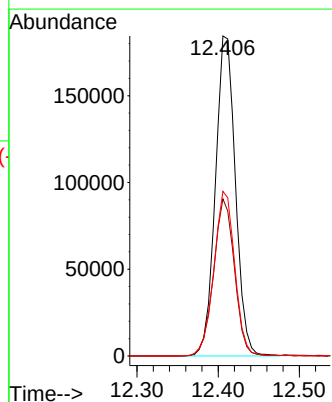
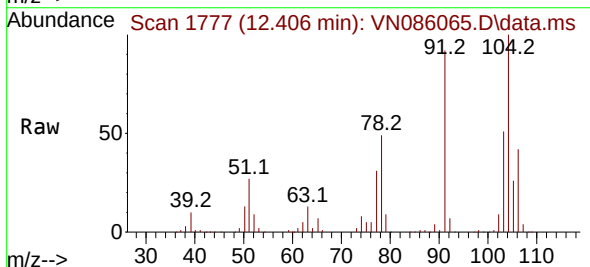
Manual Integrations
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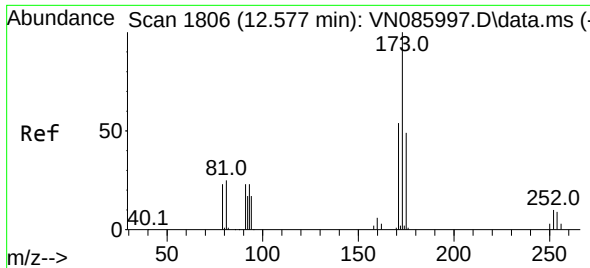
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#70
Styrene
Concen: 58.725 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion:104 Resp: 316894
Ion Ratio Lower Upper
104 100
78 51.0 41.4 62.2
103 53.7 42.9 64.3





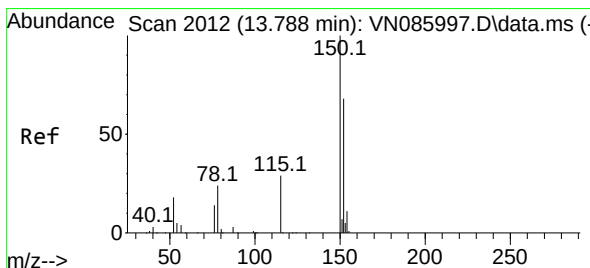
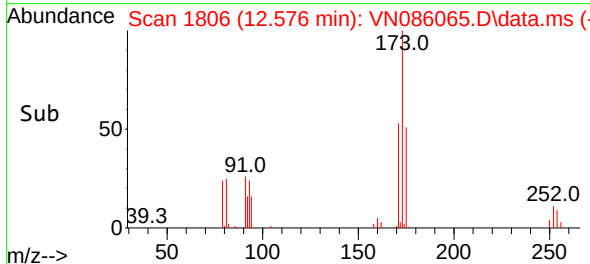
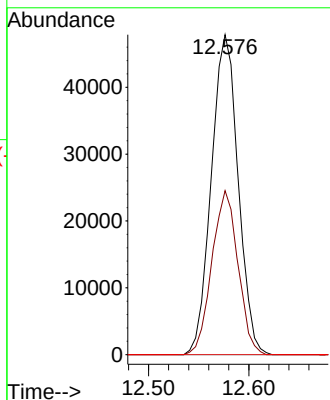
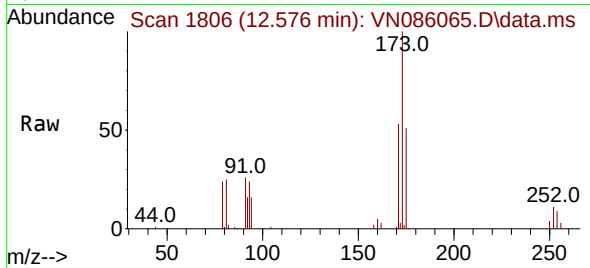
#71
Bromoform
Concen: 52.260 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 8891
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0

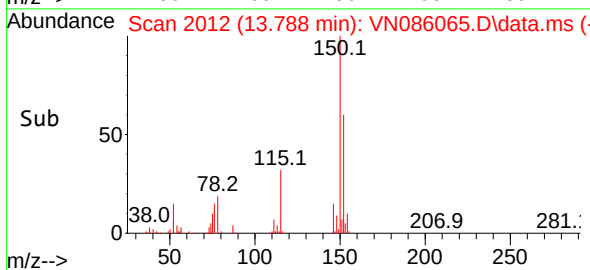
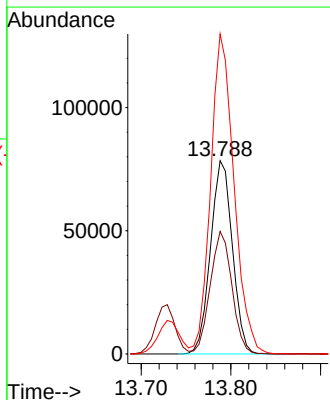
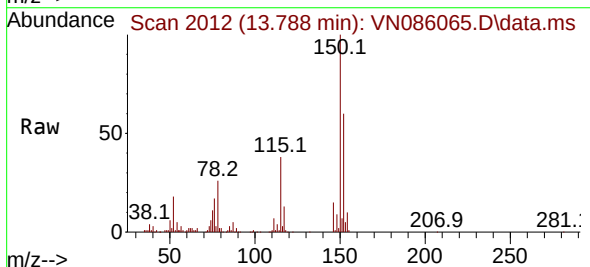
Manual Integrations
APPROVED

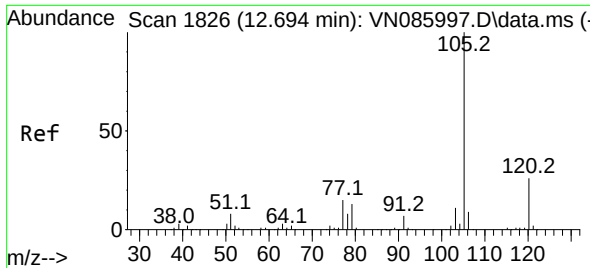
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion:152 Resp: 132834
Ion Ratio Lower Upper
152 100
115 62.9 31.1 93.2
150 176.8 0.0 359.6





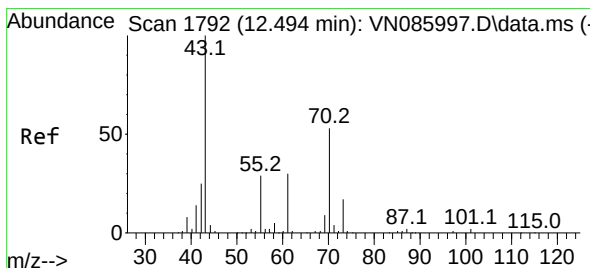
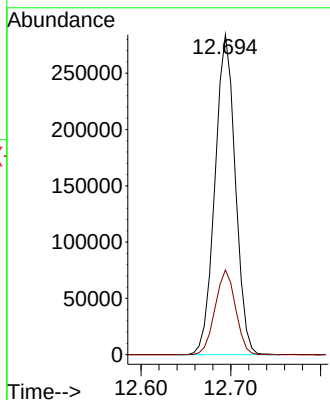
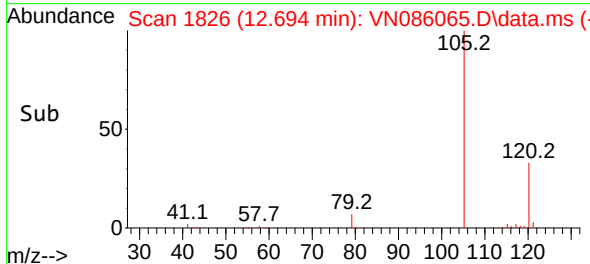
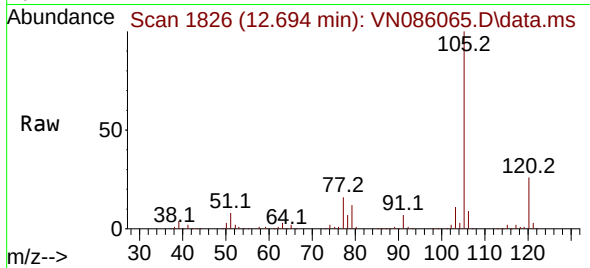
#73
Isopropylbenzene
Concen: 49.364 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 44778
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

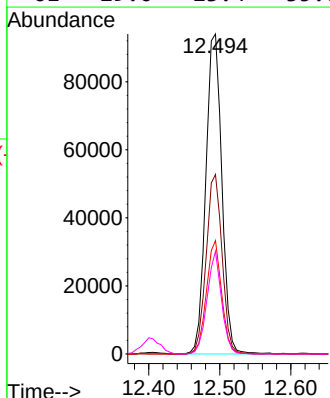
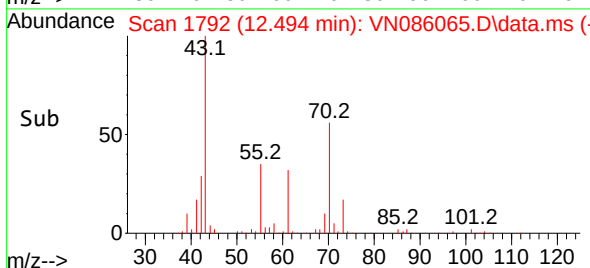
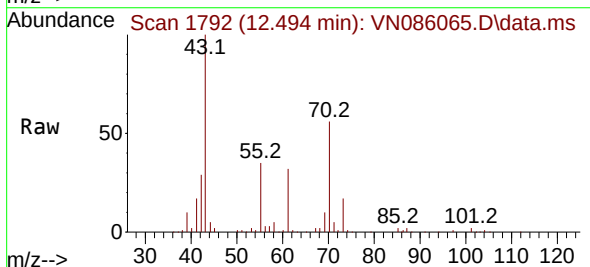
Manual Integrations
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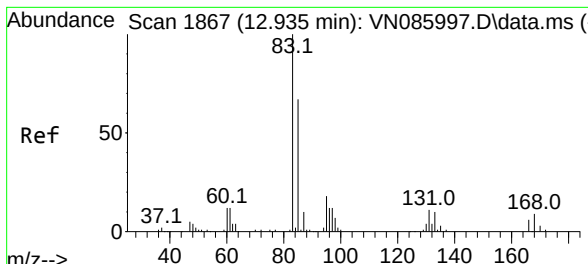
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#74
N-ethyl acetate
Concen: 48.600 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

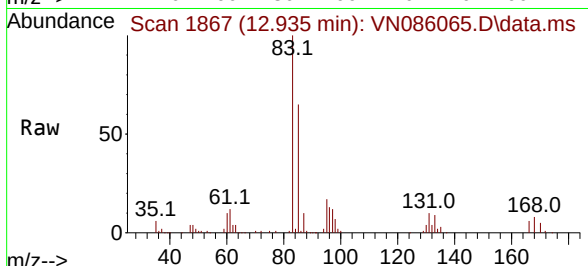
Tgt Ion: 43 Resp: 147494
Ion Ratio Lower Upper
43 100
70 55.6 43.0 64.4
55 34.0 23.8 35.8
61 29.0 23.4 35.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.350 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

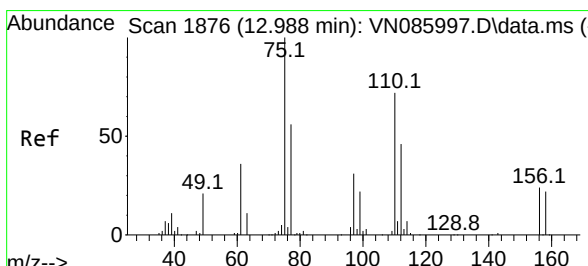
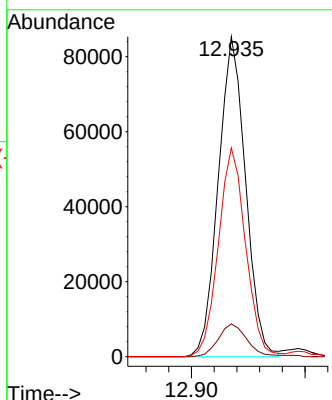
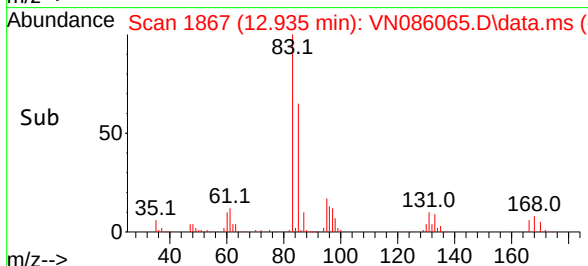
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



Tgt Ion: 83 Resp: 14224
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.5
 85 65.2 32.6 97.8

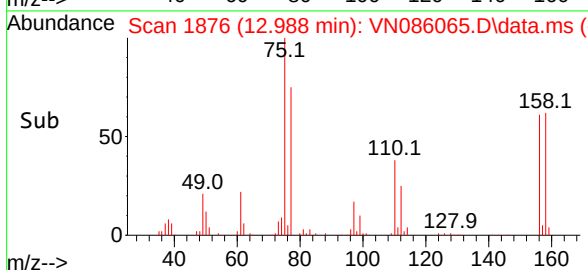
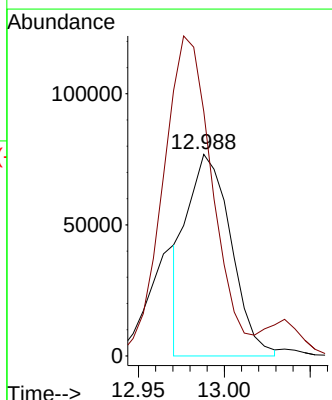
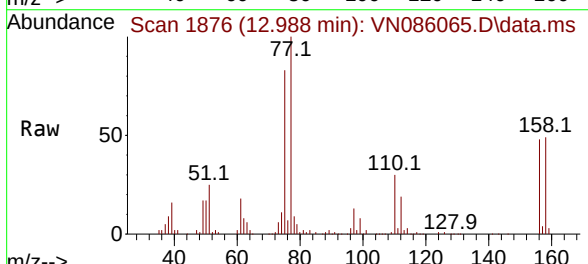
Manual Integrations
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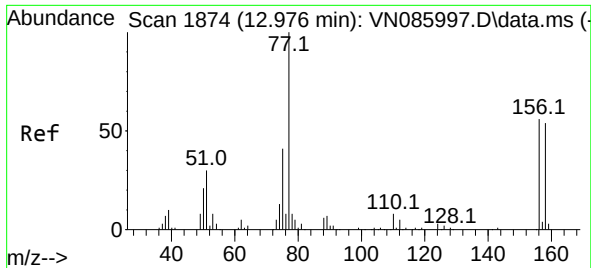
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#76
 1,2,3-Trichloropropane
 Concen: 46.237 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

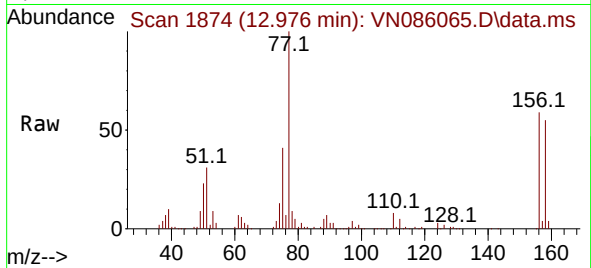
Tgt Ion: 75 Resp: 137503
 Ion Ratio Lower Upper
 75 100
 77 178.0 83.7 251.0





#77
Bromobenzene
Concen: 47.975 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

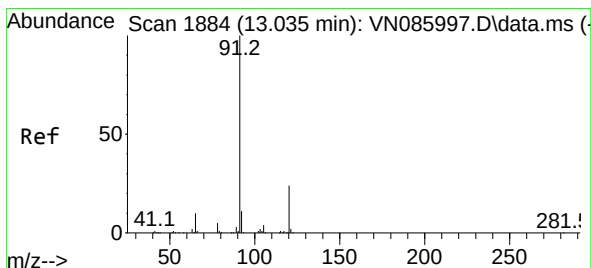
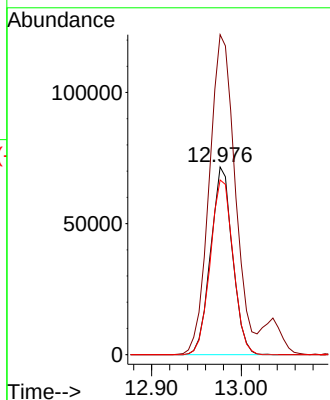
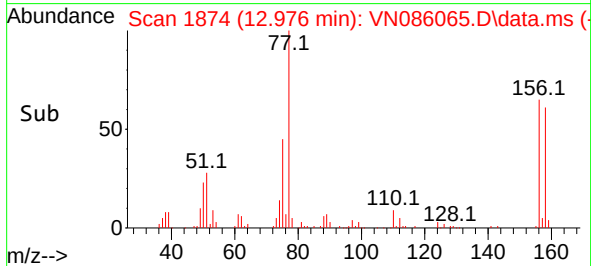
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



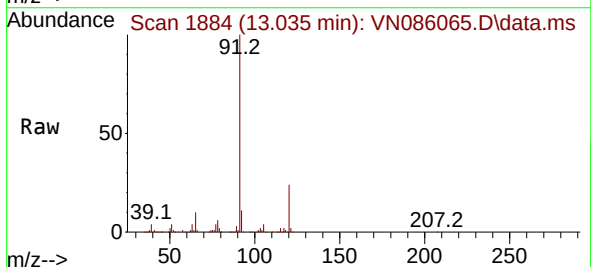
Tgt Ion:156 Resp: 121345
Ion Ratio Lower Upper
156 100
77 201.7 104.1 312.3
158 96.9 49.0 147.0

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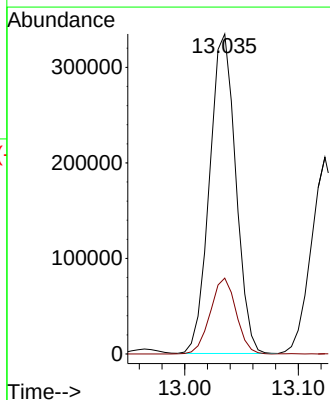
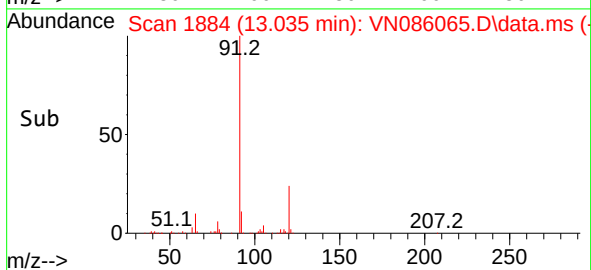
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

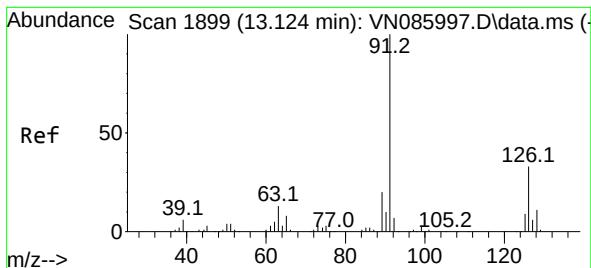


#78
n-propylbenzene
Concen: 52.239 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion: 91 Resp: 536585
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





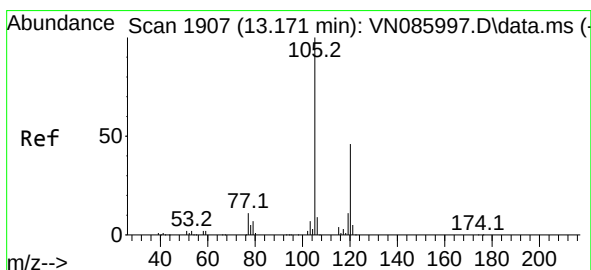
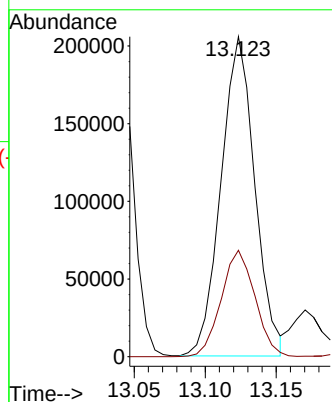
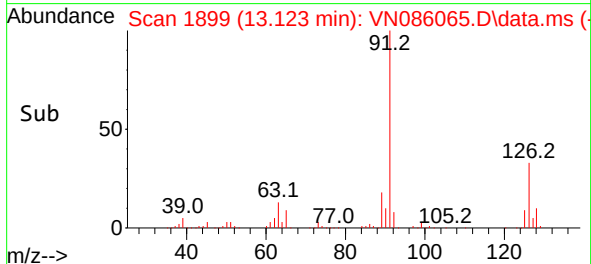
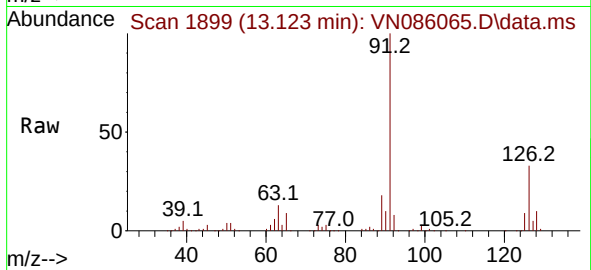
#79
2-Chlorotoluene
Concen: 49.832 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 339980
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.2

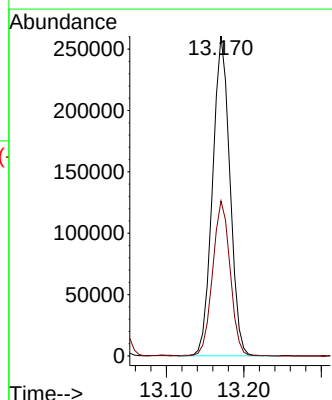
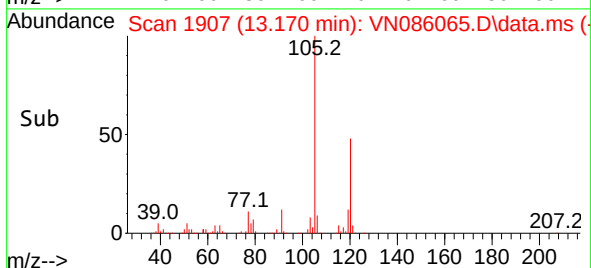
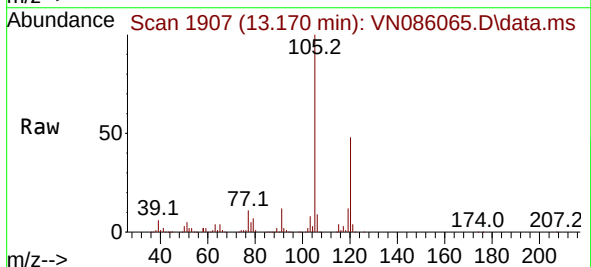
Manual Integrations
APPROVED

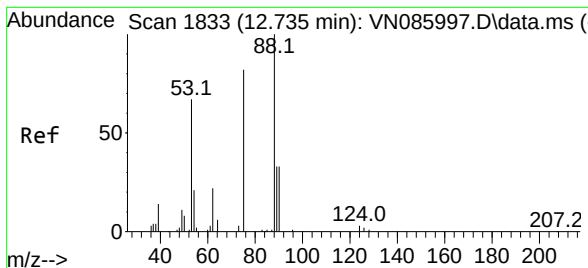
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.817 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

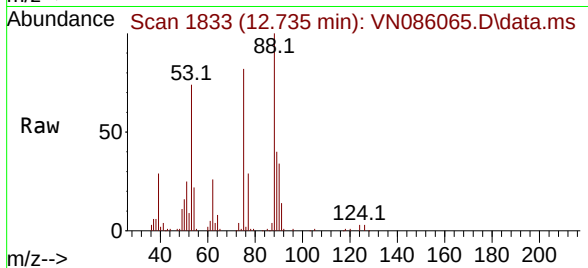
Tgt Ion:105 Resp: 404505
Ion Ratio Lower Upper
105 100
120 49.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 44.331 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

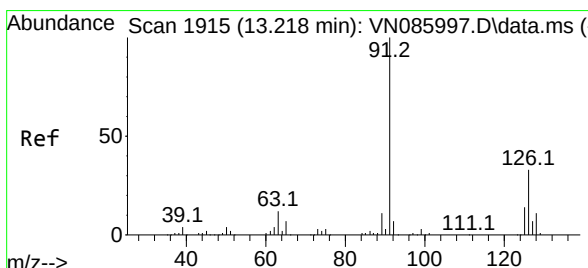
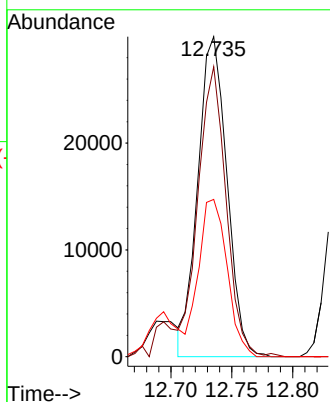
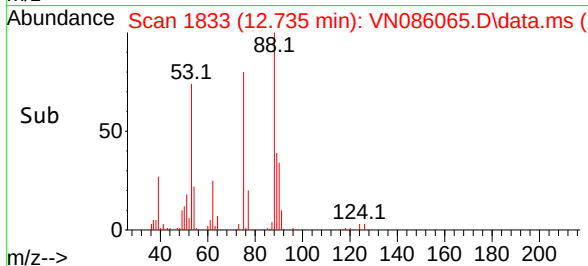
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



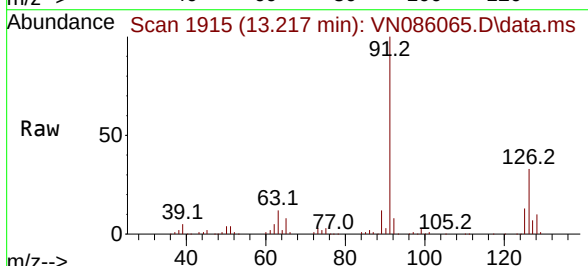
Tgt Ion: 75 Resp: 49860
Ion Ratio Lower Upper
75 100
53 87.2 66.0 99.0
89 48.0 36.9 55.3

Manual Integrations
APPROVED

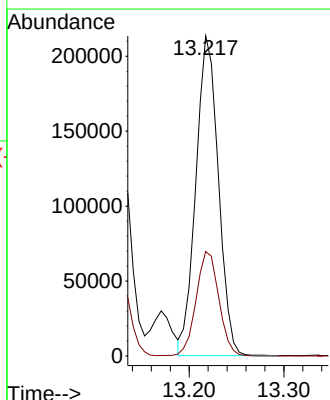
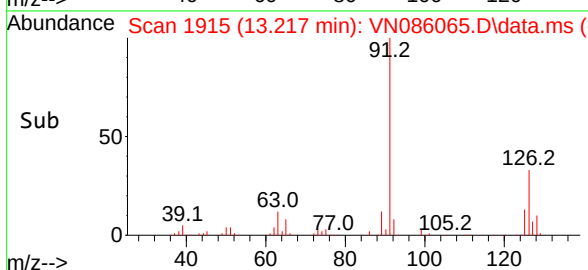
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

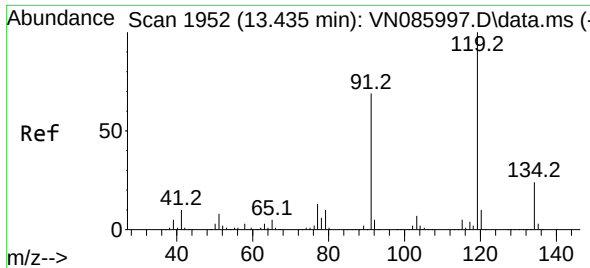


#82
4-Chlorotoluene
Concen: 50.178 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



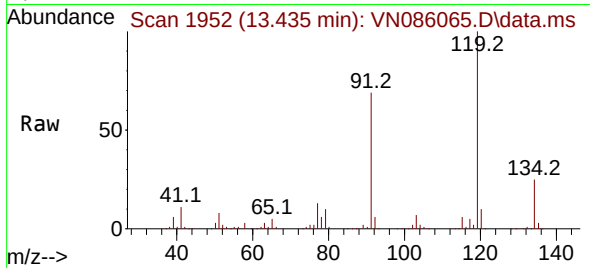
Tgt Ion: 91 Resp: 352049
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2





#83
tert-Butylbenzene
Concen: 48.171 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

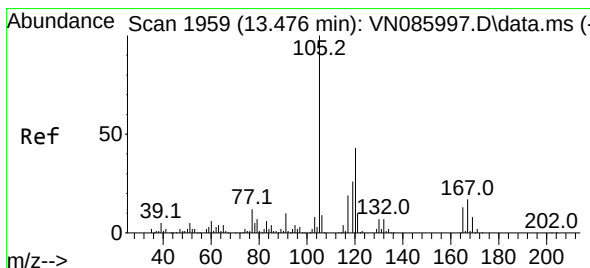
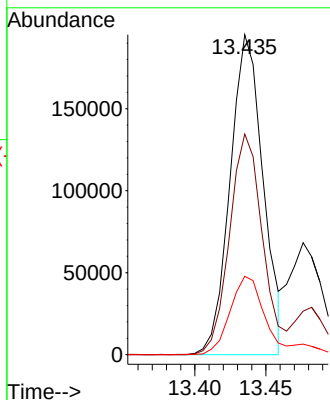
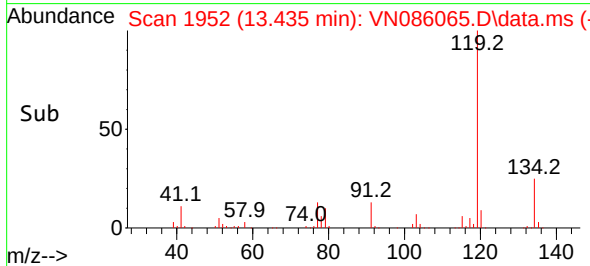
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



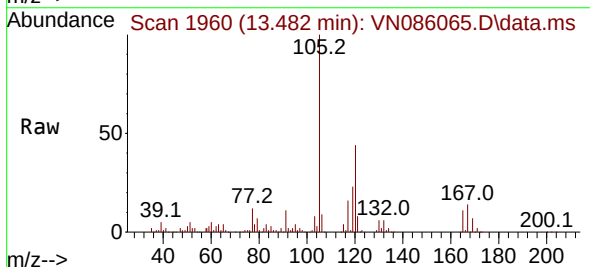
Tgt Ion:119 Resp: 31552
Ion Ratio Lower Upper
119 100
91 69.4 34.3 102.9
134 27.6 13.5 40.5

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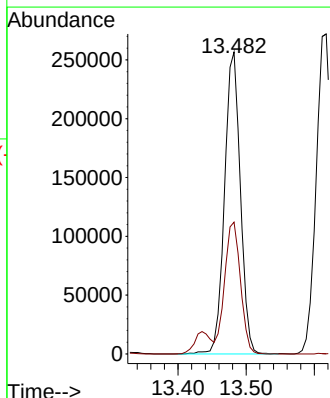
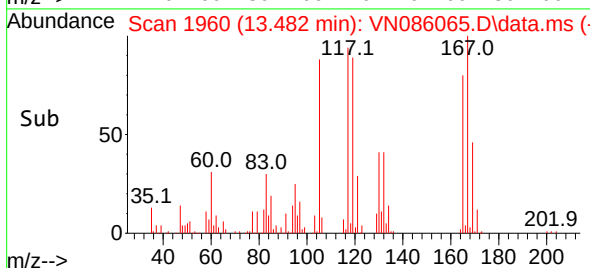
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

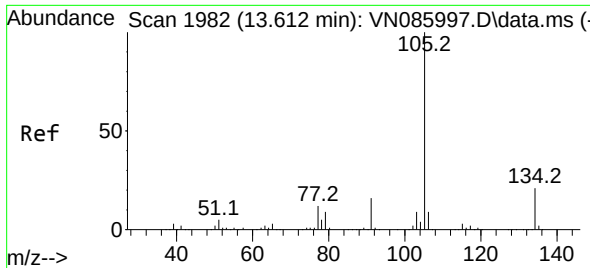


#84
1,2,4-Trimethylbenzene
Concen: 53.663 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



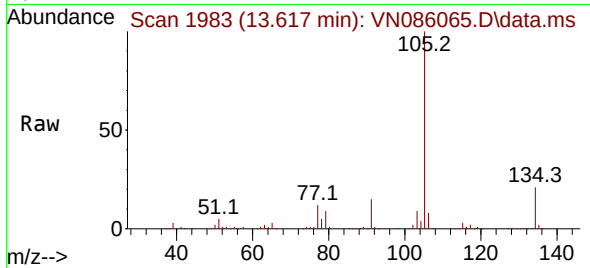
Tgt Ion:105 Resp: 414523
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 51.773 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

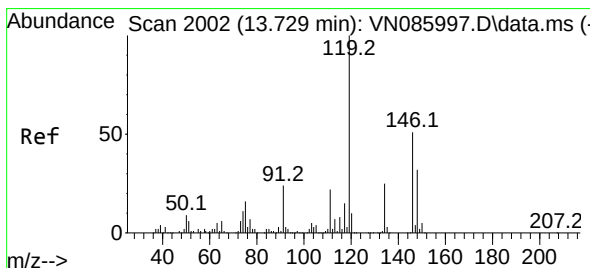
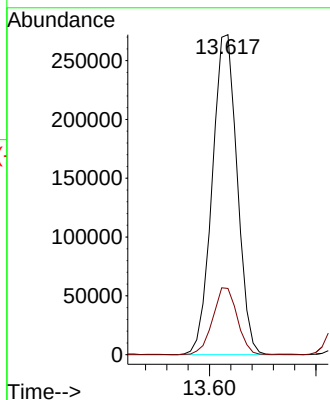
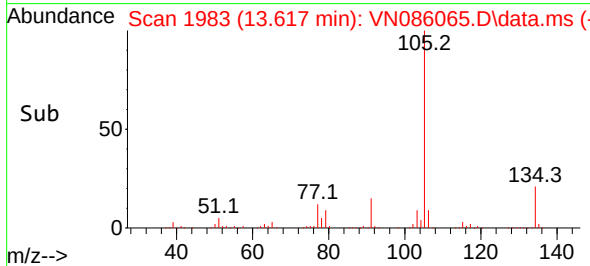
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



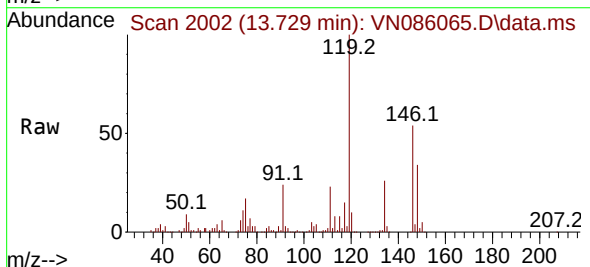
Tgt Ion:105 Resp: 44238
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

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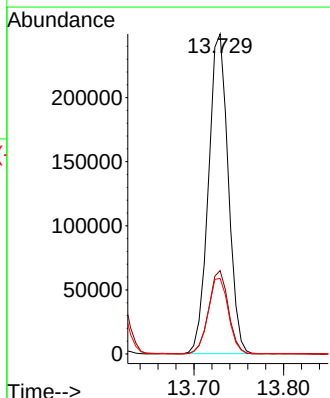
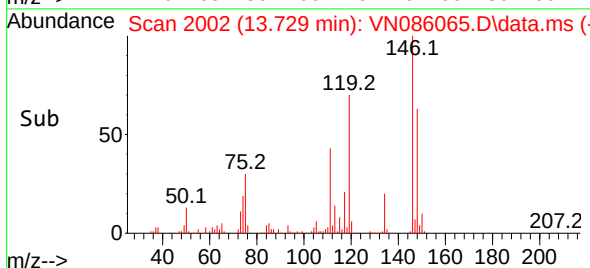
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

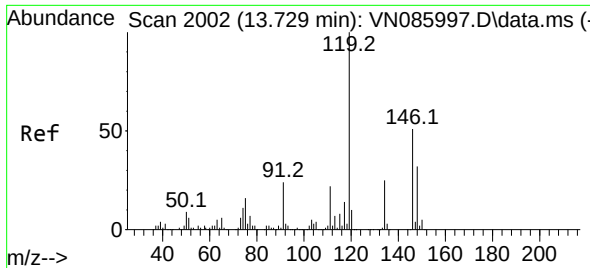


#86
 p-Isopropyltoluene
 Concen: 52.644 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03



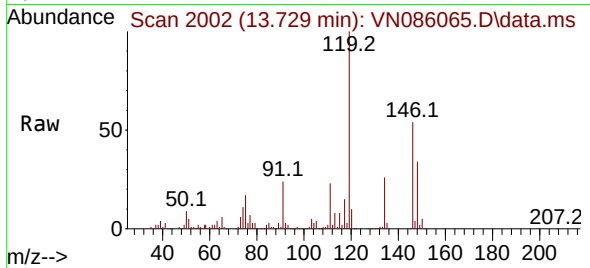
Tgt Ion:119 Resp: 380786
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.3 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 49.510 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

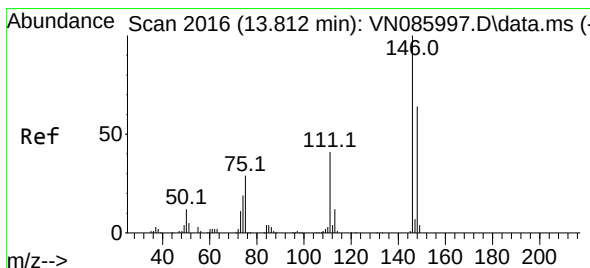
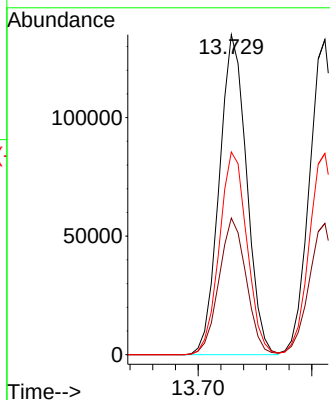
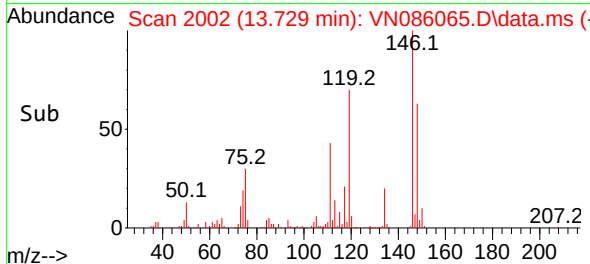
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



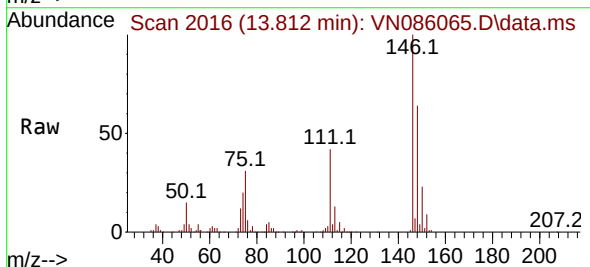
Tgt Ion:146 Resp: 225724
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 64.0 31.8 95.4

Manual Integrations
APPROVED

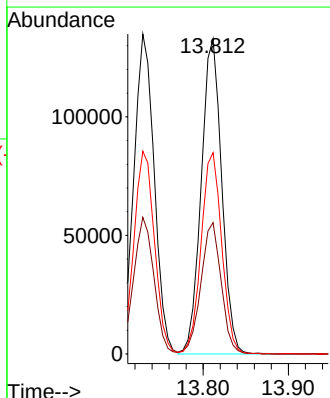
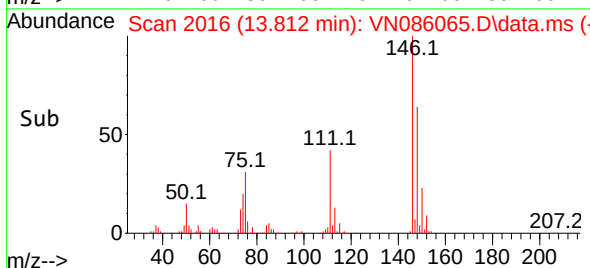
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

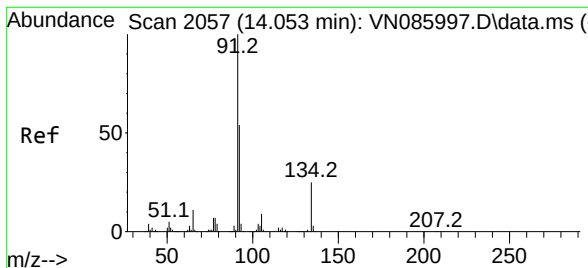


#88
1,4-Dichlorobenzene
Concen: 46.439 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03



Tgt Ion:146 Resp: 222451
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 64.3 32.1 96.5





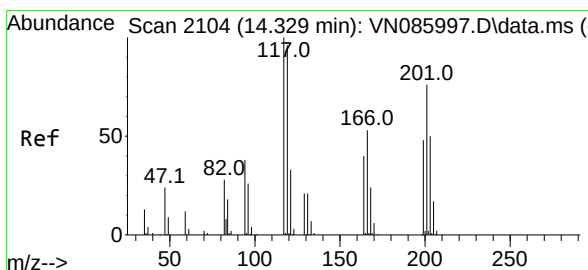
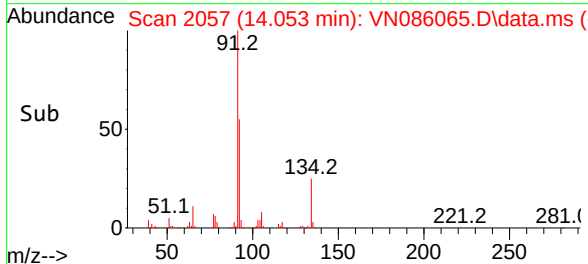
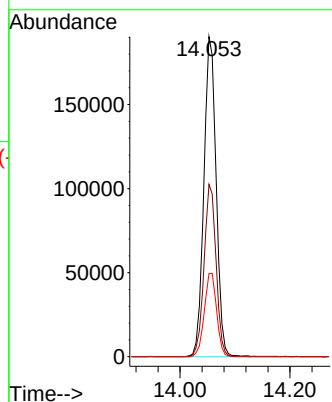
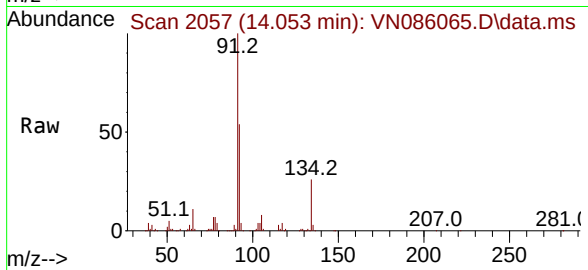
#89
n-Butylbenzene
Concen: 50.117 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 29520
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.6
134 26.1 13.0 39.0

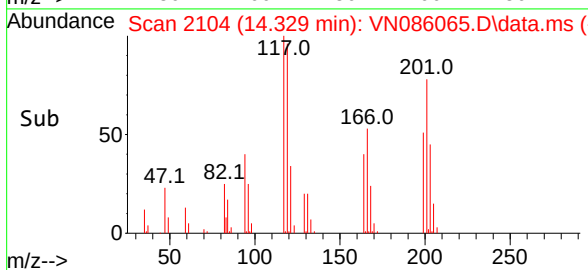
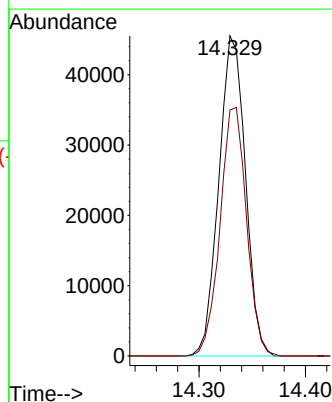
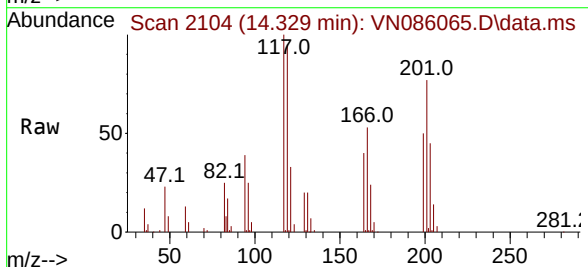
Manual Integrations
APPROVED

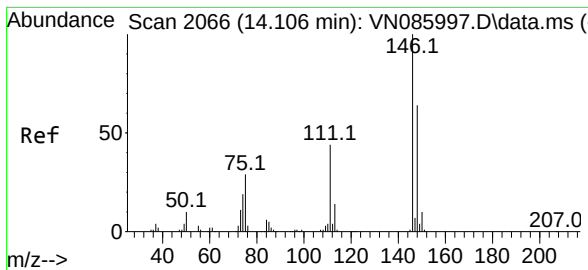
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#90
Hexachloroethane
Concen: 47.295 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Tgt Ion:117 Resp: 78937
Ion Ratio Lower Upper
117 100
201 77.1 39.1 117.3





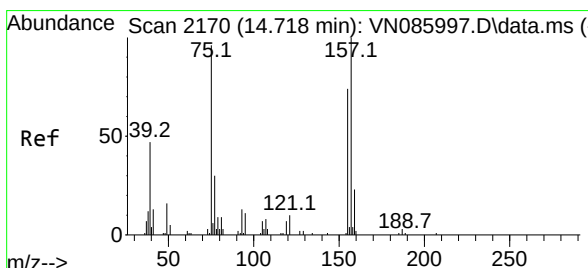
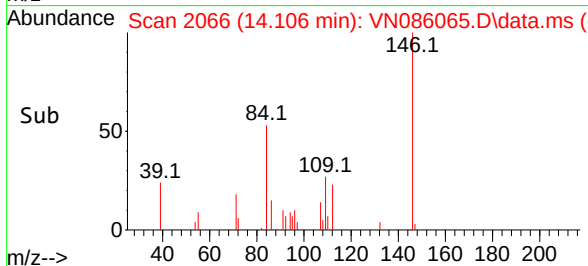
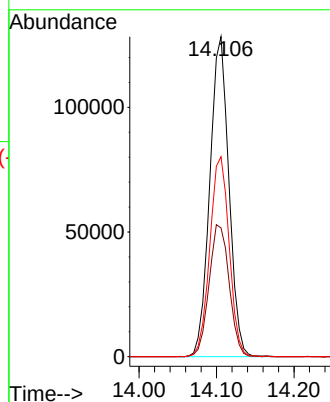
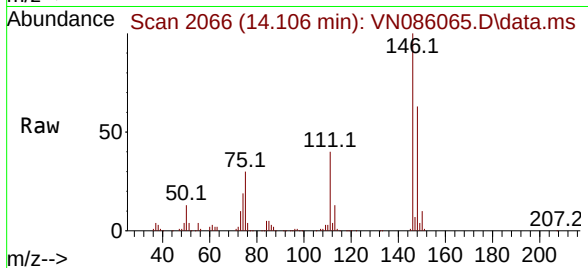
#91
1,2-Dichlorobenzene
Concen: 48.368 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 219219
Ion Ratio Lower Upper
146 100
111 43.6 22.3 66.8
148 63.4 32.1 96.5

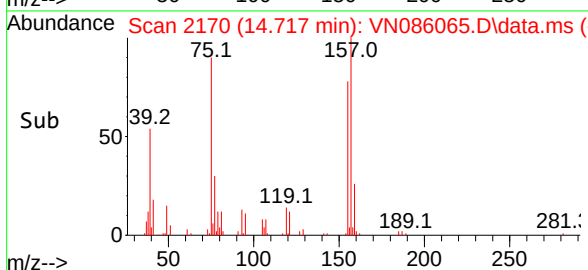
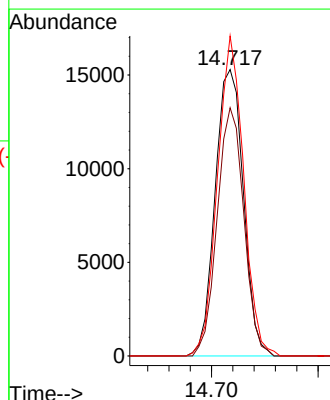
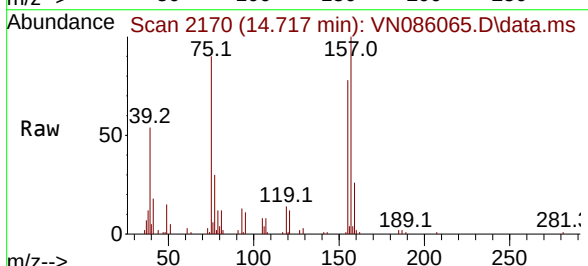
Manual Integrations
APPROVED

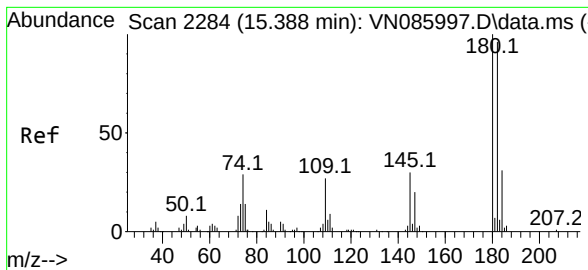
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.928 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086065.D
Acq: 24 Mar 2025 12:03

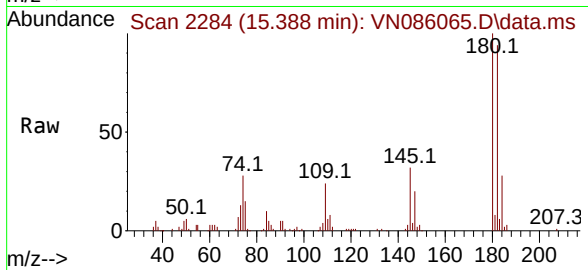
Tgt Ion: 75 Resp: 28135
Ion Ratio Lower Upper
75 100
155 81.9 41.0 123.0
157 103.4 53.7 161.1





#93
 1,2,4-Trichlorobenzene
 Concen: 44.240 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

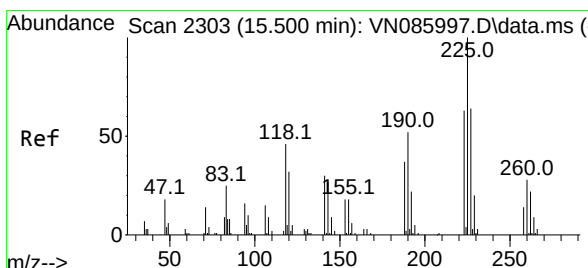
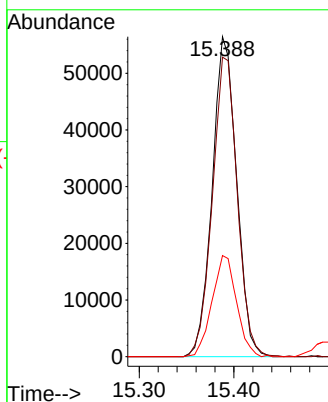
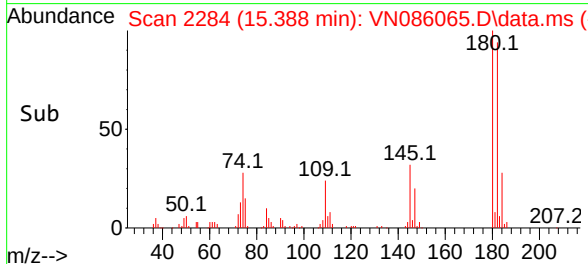
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 100819
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.0 141.0
 145 31.8 15.5 46.5

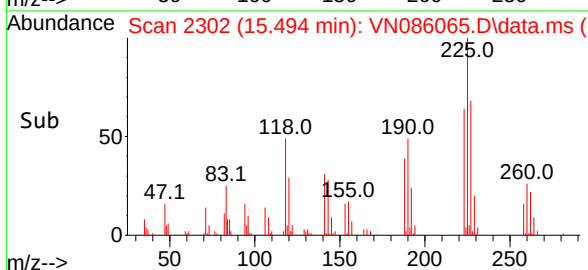
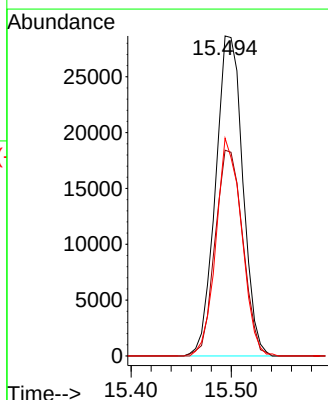
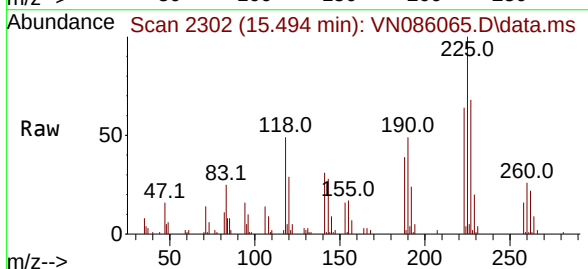
Manual Integrations
 APPROVED

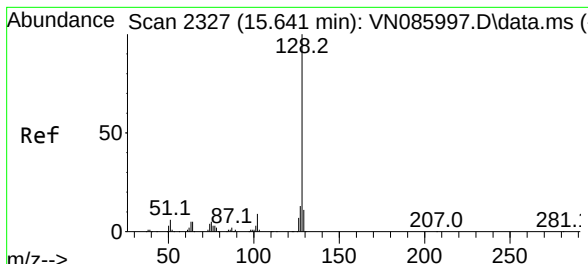
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#94
 Hexachlorobutadiene
 Concen: 40.902 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

Tgt Ion:225 Resp: 54079
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.3 93.9
 227 63.9 32.1 96.3





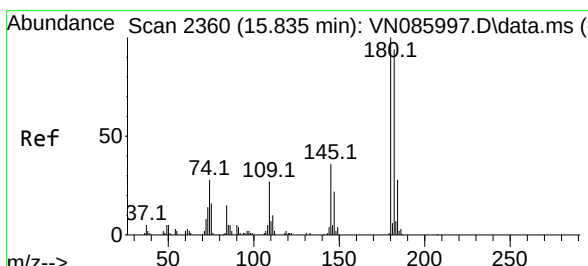
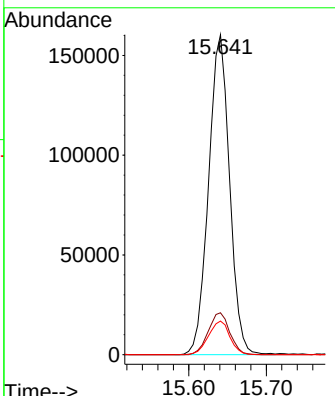
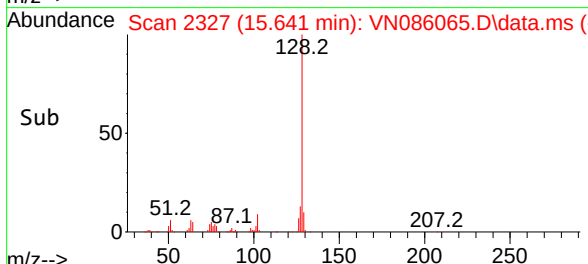
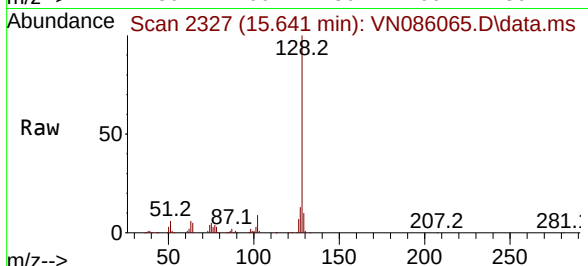
#95
 Naphthalene
 Concen: 45.720 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion:	128	Resp:	30170
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	10.7	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: 46.745 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: VN086065.D
 Acq: 24 Mar 2025 12:03

Tgt Ion:	180	Resp:	101083
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.5	142.5
145	35.1	17.7	53.1

