

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086005.D
 Acq On : 19 Mar 2025 13:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:28:38 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114478	53.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%			
35) Dibromofluoromethane	8.165	113	92791	54.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.920%			
50) Toluene-d8	10.565	98	343592	56.069	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.140%			
62) 4-Bromofluorobenzene	12.847	95	124258	56.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92790	44.674	ug/l	98
3) Chloromethane	2.359	50	74432	40.877	ug/l	99
4) Vinyl Chloride	2.512	62	80119	43.033	ug/l	98
5) Bromomethane	2.948	94	54047	42.618	ug/l	95
6) Chloroethane	3.118	64	49772	42.377	ug/l	96
7) Trichlorofluoromethane	3.495	101	153695	45.923	ug/l	99
8) Diethyl Ether	3.965	74	47103	45.974	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	80751	45.397	ug/l	99
10) Methyl Iodide	4.589	142	112007	48.326	ug/l	94
11) Tert butyl alcohol	5.524	59	60909	200.393	ug/l	99
12) 1,1-Dichloroethene	4.336	96	78379	48.799	ug/l	94
13) Acrolein	4.177	56	74293	229.169	ug/l	94
14) Allyl chloride	5.024	41	90585	45.207	ug/l	98
15) Acrylonitrile	5.712	53	191705	238.818	ug/l	99
16) Acetone	4.424	43	140077	213.575	ug/l	98
17) Carbon Disulfide	4.712	76	234761	44.444	ug/l	98
18) Methyl Acetate	5.018	43	72478	44.664	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	258833	49.178	ug/l	99
20) Methylene Chloride	5.277	84	91242	47.554	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	83987	47.848	ug/l	95
22) Diisopropyl ether	6.671	45	218069	51.070	ug/l	97
23) Vinyl Acetate	6.600	43	803463	248.216	ug/l	100
24) 1,1-Dichloroethane	6.565	63	151763	48.333	ug/l	100
25) 2-Butanone	7.483	43	212918	224.983	ug/l	98
26) 2,2-Dichloropropane	7.483	77	130381	43.130	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	98156	49.209	ug/l	99
28) Bromochloromethane	7.812	49	65585	49.300	ug/l	98
29) Tetrahydrofuran	7.835	42	148417	254.026	ug/l	98
30) Chloroform	7.965	83	170758	49.200	ug/l	100
31) Cyclohexane	8.253	56	119397	44.636	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	162997	49.613	ug/l	99
36) 1,1-Dichloropropene	8.365	75	115397	51.903	ug/l	99
37) Ethyl Acetate	7.553	43	87624	46.716	ug/l	99
38) Carbon Tetrachloride	8.359	117	152496	52.166	ug/l	99
39) Methylcyclohexane	9.600	83	104955	47.581	ug/l	95
40) Benzene	8.606	78	363650	52.103	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	45915	51.265	ug/l	98
42) 1,2-Dichloroethane	8.665	62	124542	51.211	ug/l	99
43) Isopropyl Acetate	8.688	43	148624	36.567	ug/l	100
44) Trichloroethene	9.347	130	84254	46.577	ug/l	99
45) 1,2-Dichloropropane	9.618	63	84042	52.942	ug/l	95
46) Dibromomethane	9.706	93	65507	52.472	ug/l	99
47) Bromodichloromethane	9.882	83	138145	52.947	ug/l	99
48) Methyl methacrylate	9.677	41	69708	51.973	ug/l	99
49) 1,4-Dioxane	9.694	88	33437	1054.588	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	480891	268.276	ug/l	98
52) Toluene	10.629	92	234563	54.758	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128710	50.795	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	136311	50.987	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	86777	53.076	ug/l	97
56) Ethyl methacrylate	10.871	69	125491	49.336	ug/l	99
57) 1,3-Dichloropropane	11.159	76	146273	52.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	294743	291.749	ug/l	99
59) 2-Hexanone	11.194	43	352899	270.246	ug/l	98
60) Dibromochloromethane	11.359	129	113733	53.908	ug/l	100
61) 1,2-Dibromoethane	11.465	107	87811	52.316	ug/l	98
64) Tetrachloroethene	11.100	164	85277	46.898	ug/l	96
65) Chlorobenzene	11.888	112	249534	47.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	96902	49.976	ug/l	99
67) Ethyl Benzene	11.959	91	437011	52.376	ug/l	99
68) m/p-Xylenes	12.071	106	351991	107.332	ug/l	100
69) o-Xylene	12.394	106	163972	54.478	ug/l	99
70) Styrene	12.412	104	282653	54.980	ug/l	99
71) Bromoform	12.576	173	80033	49.376	ug/l #	99
73) Isopropylbenzene	12.694	105	417333	48.357	ug/l	100
74) N-amyl acetate	12.488	43	135448	46.910	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	123214	42.200	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	145538m	51.438	ug/l	
77) Bromobenzene	12.976	156	108909	45.257	ug/l	98
78) n-propylbenzene	13.035	91	488311	49.967	ug/l	100
79) 2-Chlorotoluene	13.123	91	310349	47.811	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	367122	50.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43097	40.270	ug/l	87
82) 4-Chlorotoluene	13.218	91	318643	47.736	ug/l	99
83) tert-Butylbenzene	13.435	119	295056	47.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	379991	51.705	ug/l	100
85) sec-Butylbenzene	13.612	105	408752	50.279	ug/l	99
86) p-Isopropyltoluene	13.729	119	349026	50.717	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	203836	46.992	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	201269	44.163	ug/l	99
89) n-Butylbenzene	14.053	91	263661	47.048	ug/l	99
90) Hexachloroethane	14.329	117	71019	44.724	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	199438	46.251	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26585	45.614	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	93852	43.286	ug/l	98
94) Hexachlorobutadiene	15.500	225	49394	39.267	ug/l	98
95) Naphthalene	15.641	128	270877	43.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	92289	44.858	ug/l	98

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ClientSampleId :
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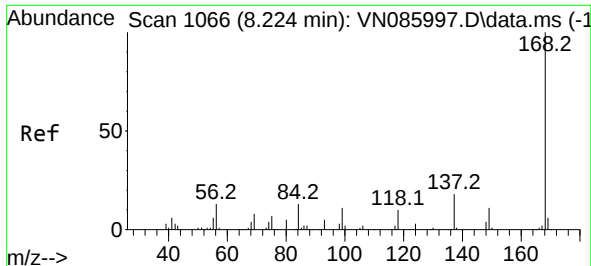
Manual Integrations
APPROVED

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Quant Time: Mar 20 01:28:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
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QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

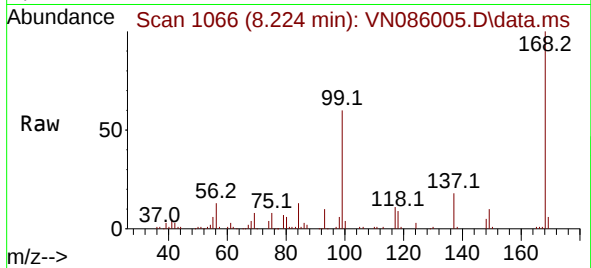
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086005.D
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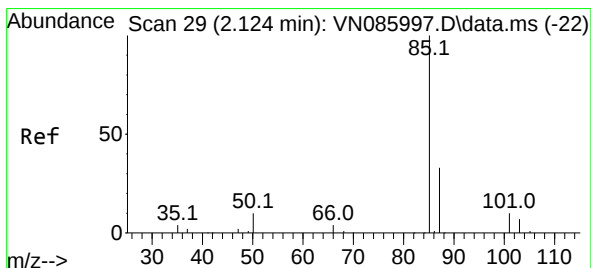
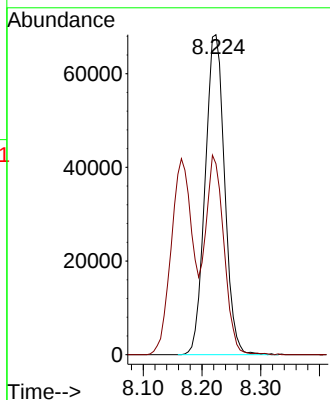
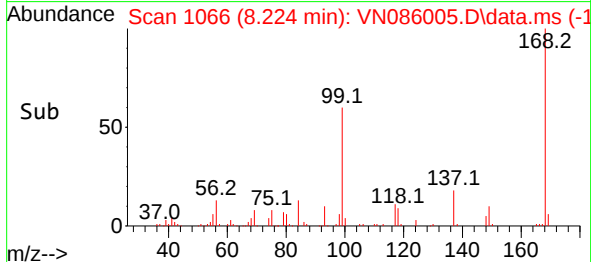
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 156770
Ion Ratio Lower Upper
168 100
99 59.4 49.4 74.2

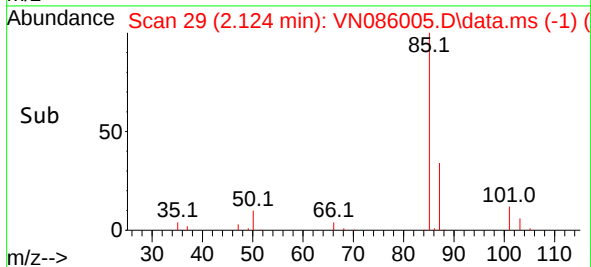
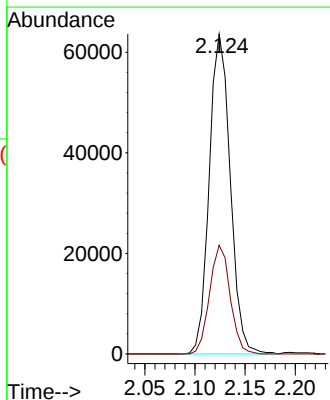
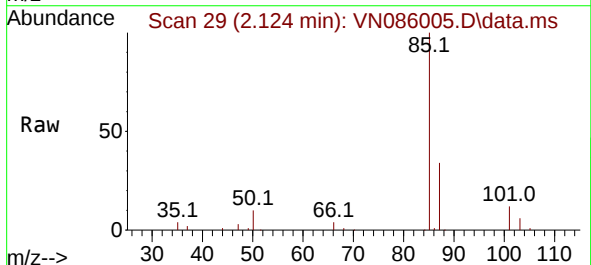
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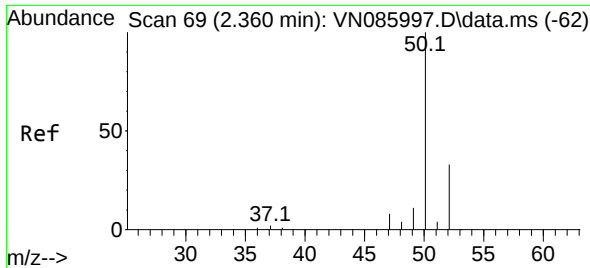
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#2
Dichlorodifluoromethane
Concen: 44.674 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 85 Resp: 92790
Ion Ratio Lower Upper
85 100
87 34.0 16.5 49.5





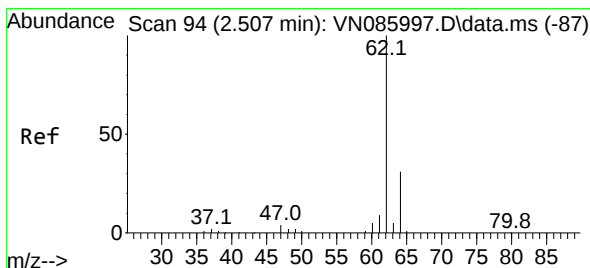
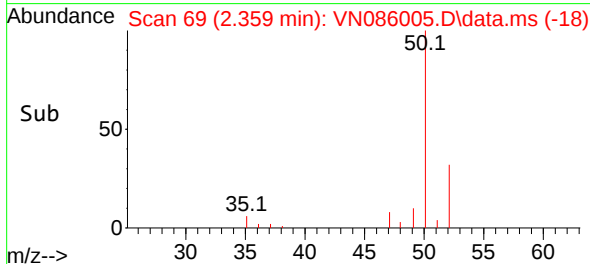
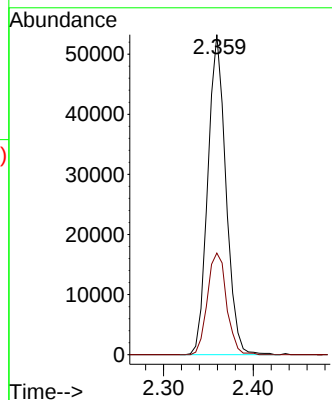
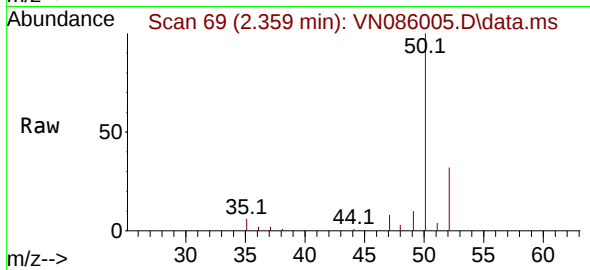
#3
Chloromethane
Concen: 40.877 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
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Tgt Ion: 50 Resp: 7443
Ion Ratio Lower Upper
50 100
52 31.7 26.0 39.0

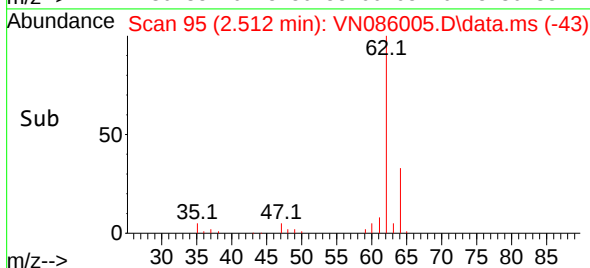
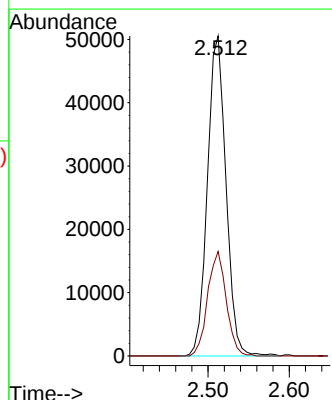
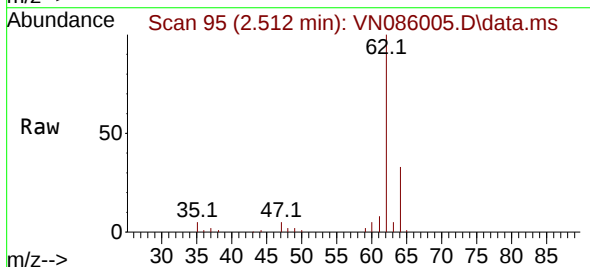
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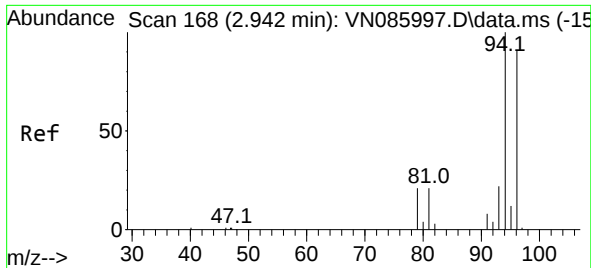
Reviewed By :John Carlone 03/20/2025
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#4
Vinyl Chloride
Concen: 43.033 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 62 Resp: 80119
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





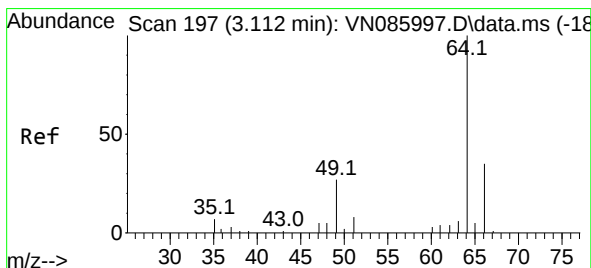
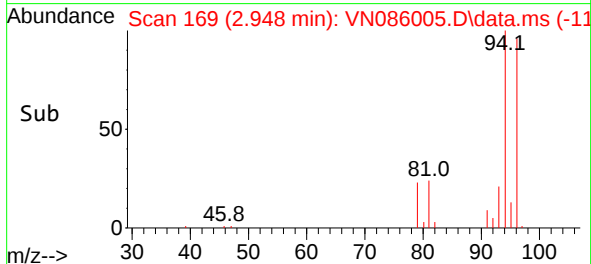
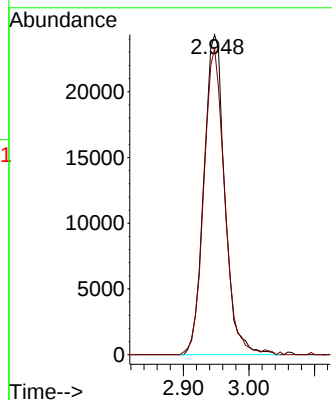
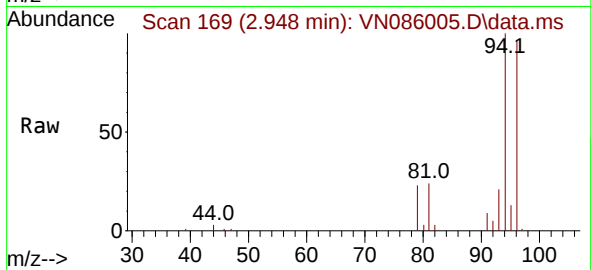
#5
Bromomethane
Concen: 42.618 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 5404
Ion Ratio Lower Upper
94 100
96 95.7 72.8 109.2

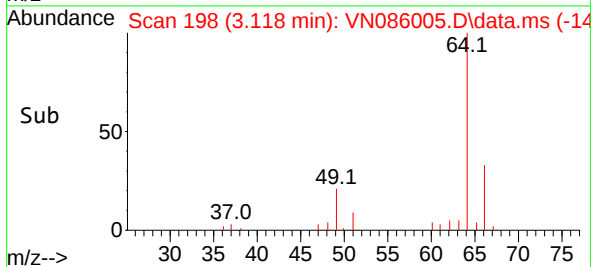
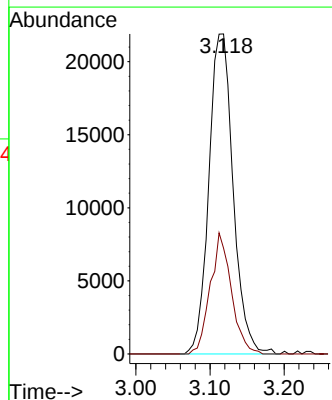
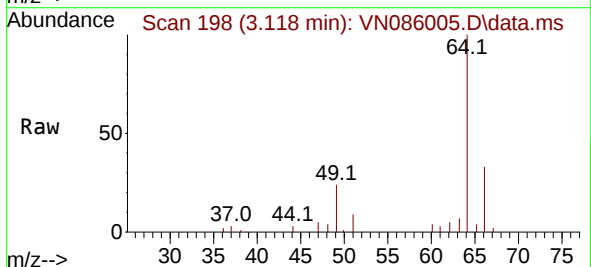
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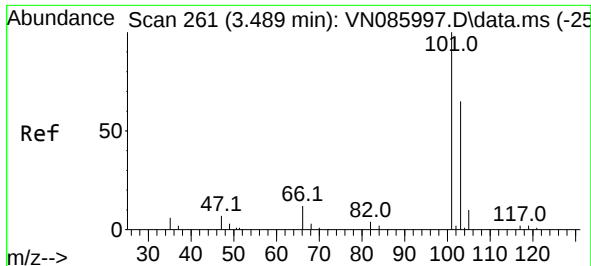
Reviewed By :John Carlone 03/20/2025
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#6
Chloroethane
Concen: 42.377 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 64 Resp: 49772
Ion Ratio Lower Upper
64 100
66 33.1 28.3 42.5





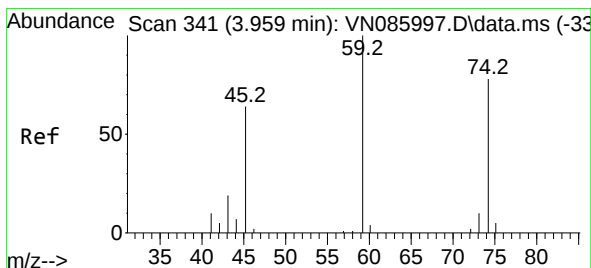
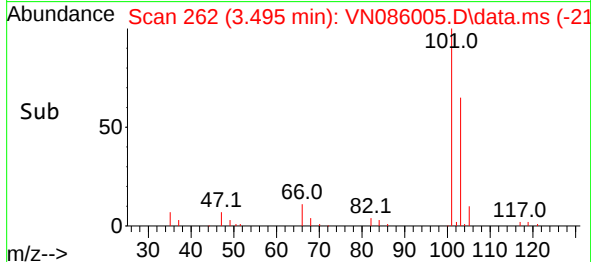
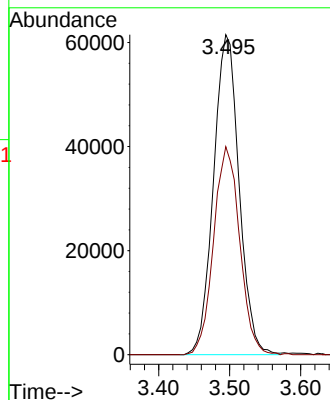
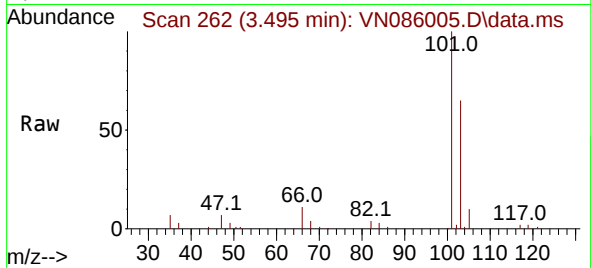
#7
Trichlorofluoromethane
Concen: 45.923 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15369
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

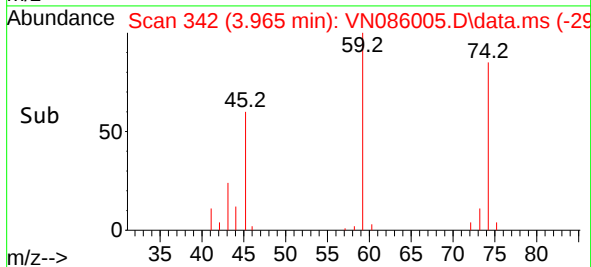
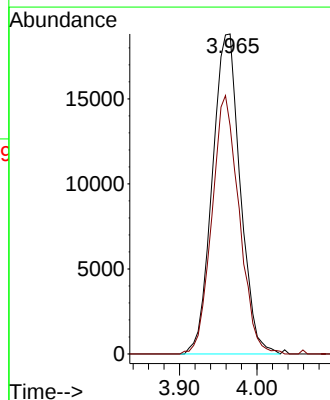
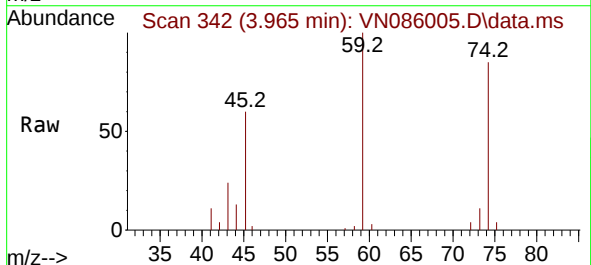
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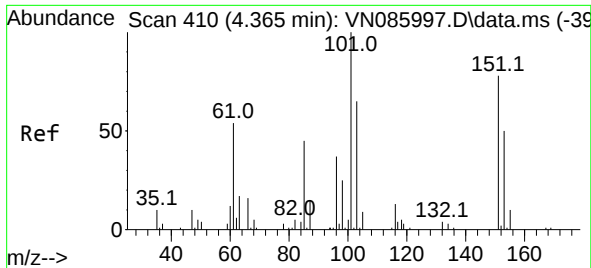
Reviewed By :John Carlone 03/20/2025
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#8
Diethyl Ether
Concen: 45.974 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 74 Resp: 47103
Ion Ratio Lower Upper
74 100
45 78.8 38.0 113.9





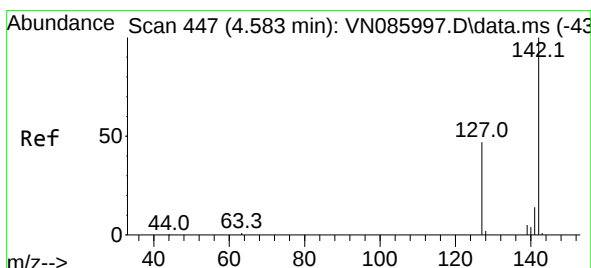
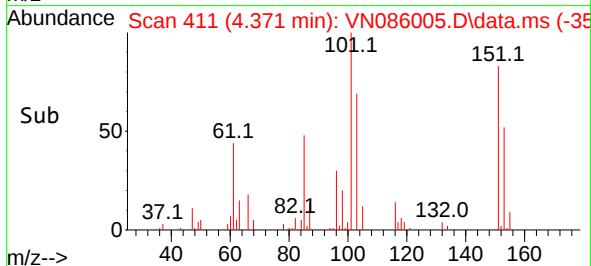
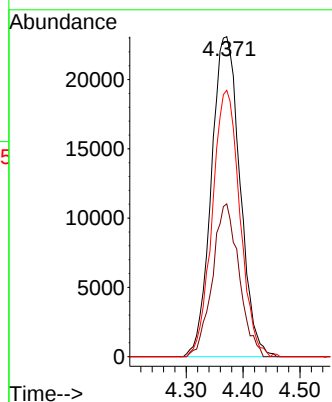
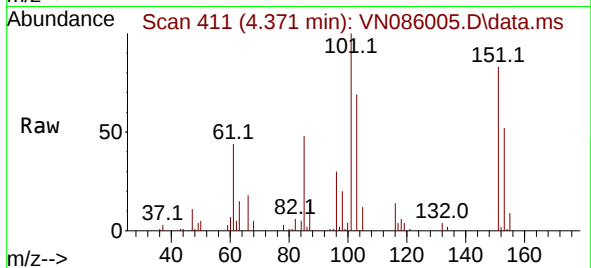
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.397 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8075
Ion Ratio Lower Upper
101 100
85 44.4 36.5 54.7
151 80.1 63.4 95.0

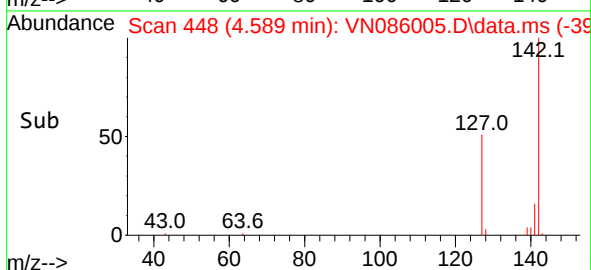
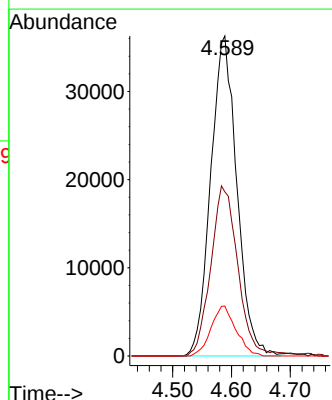
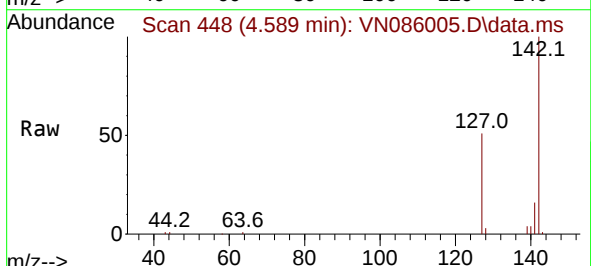
Manual Integrations
APPROVED

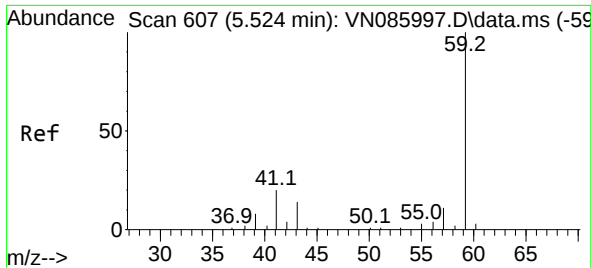
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#10
Methyl Iodide
Concen: 48.326 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

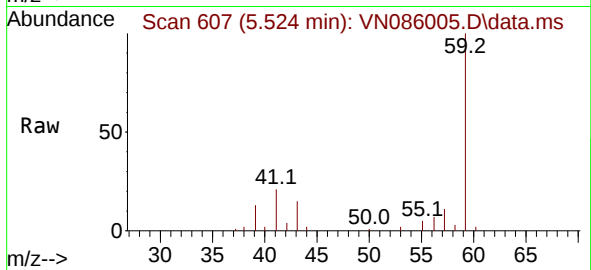
Tgt Ion:142 Resp: 112007
Ion Ratio Lower Upper
142 100
127 51.3 37.5 56.3
141 15.6 11.0 16.6





#11
Tert butyl alcohol
Concen: 200.393 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

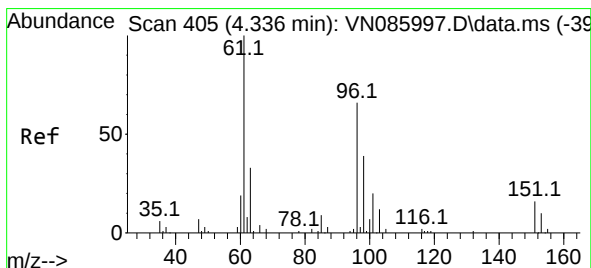
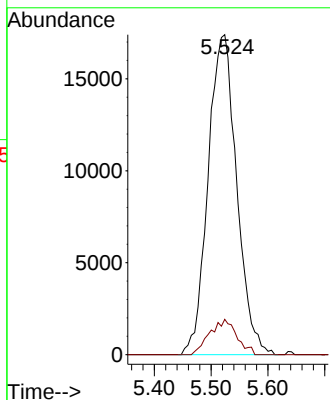
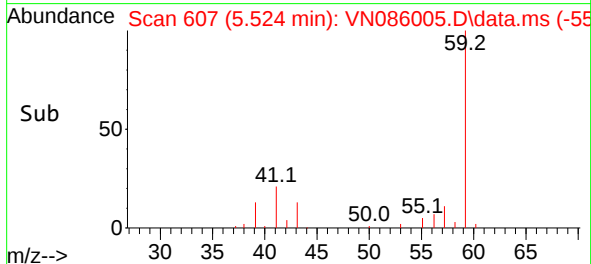
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



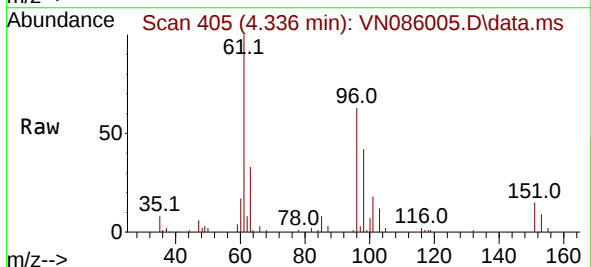
Tgt Ion: 59 Resp: 60909
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9

Manual Integrations
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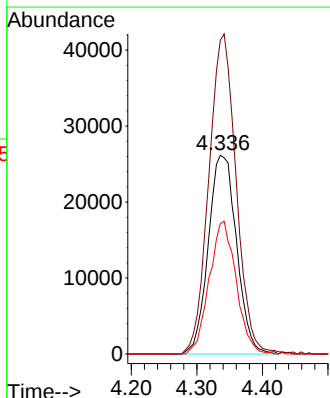
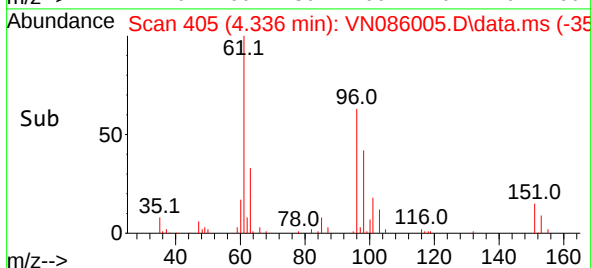
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

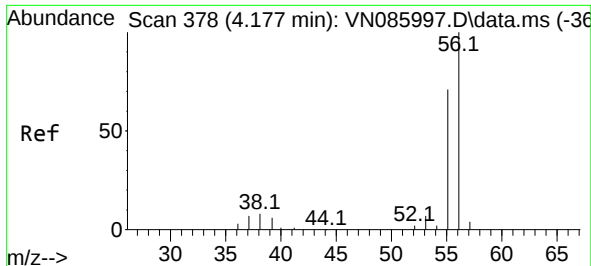


#12
1,1-Dichloroethene
Concen: 48.799 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion: 96 Resp: 78379
Ion Ratio Lower Upper
96 100
61 157.9 120.5 180.7
98 65.5 47.4 71.0





#13

Acrolein

Concen: 229.169 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 7429

Ion Ratio Lower Upper

56 100

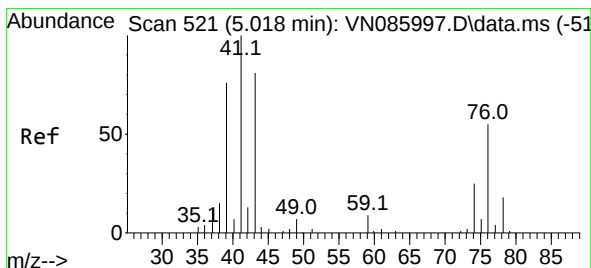
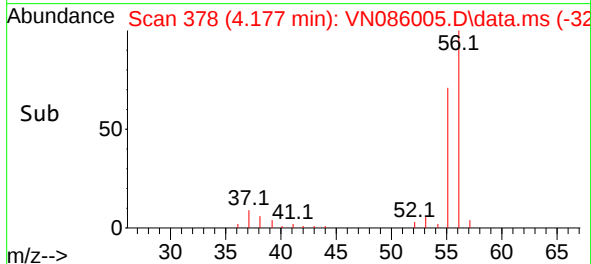
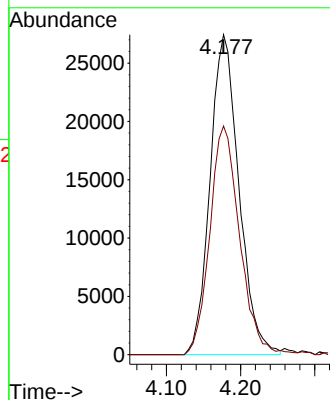
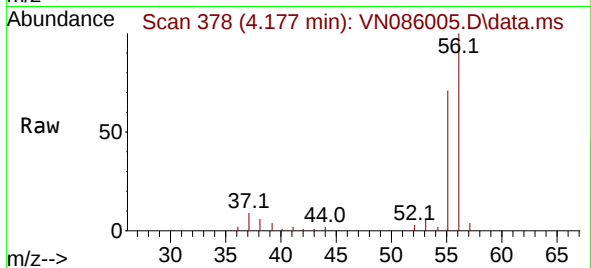
55 73.7 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#14

Allyl chloride

Concen: 45.207 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

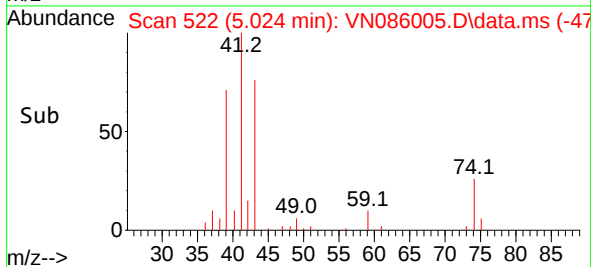
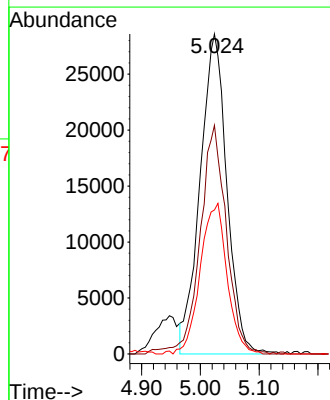
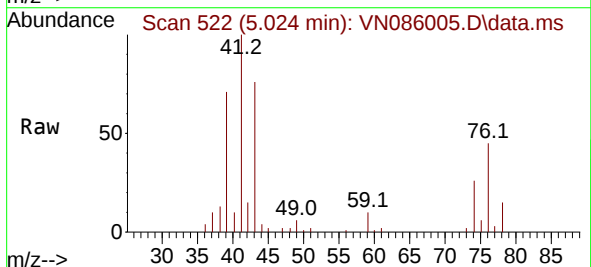
Tgt Ion: 41 Resp: 90585

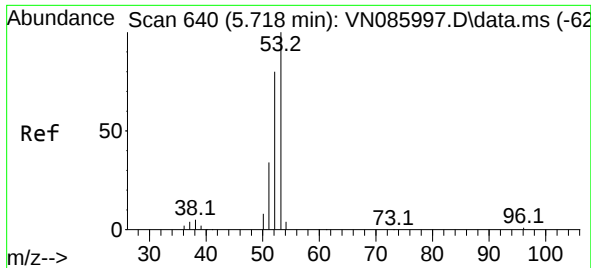
Ion Ratio Lower Upper

41 100

39 70.3 55.5 83.3

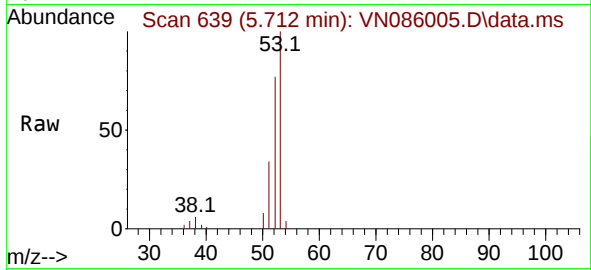
76 47.3 39.1 58.7





#15
Acrylonitrile
Concen: 238.818 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

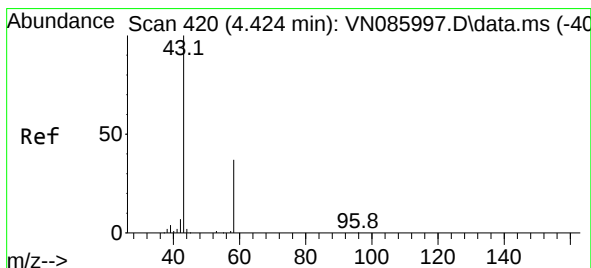
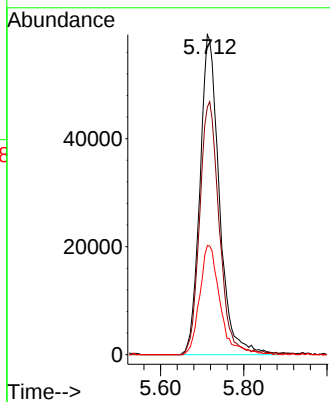
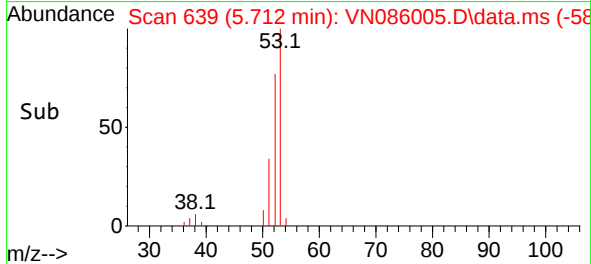
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 19170
Ion Ratio Lower Upper
53 100
52 80.0 63.9 95.9
51 36.1 27.1 40.7

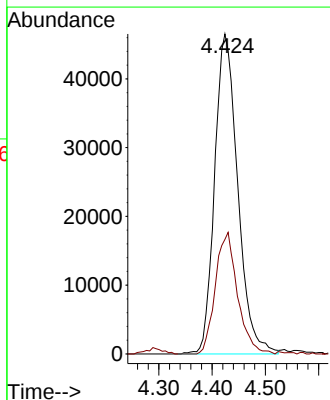
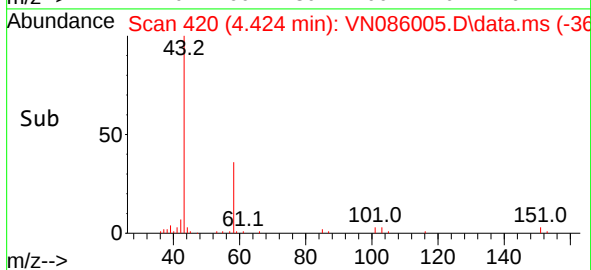
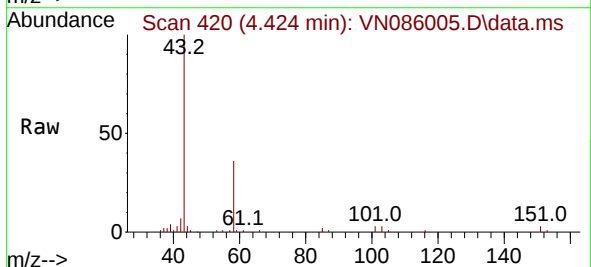
Manual Integrations
APPROVED

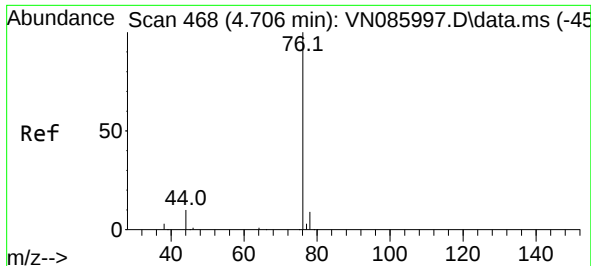
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#16
Acetone
Concen: 213.575 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 43 Resp: 140077
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.2





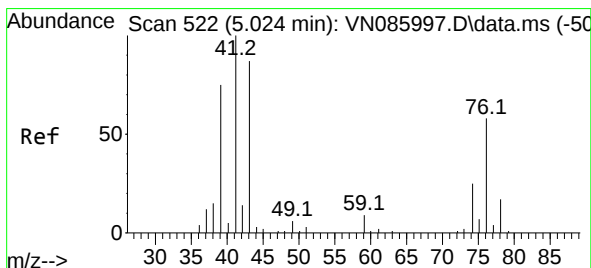
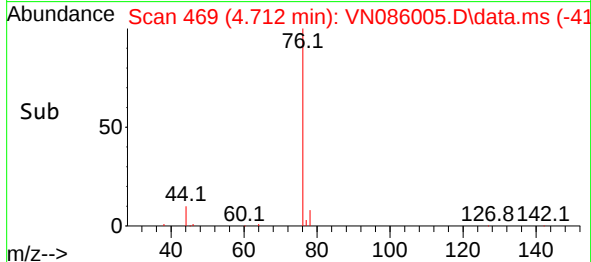
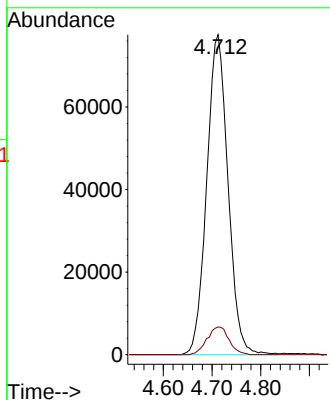
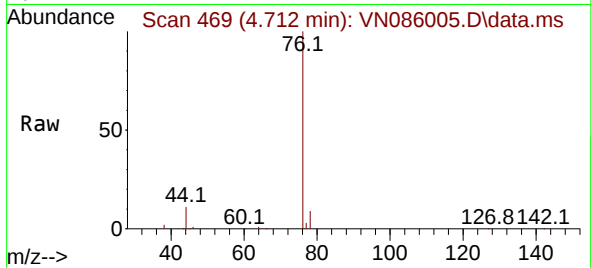
#17
Carbon Disulfide
Concen: 44.444 ug/l
RT: 4.712 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 23476
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

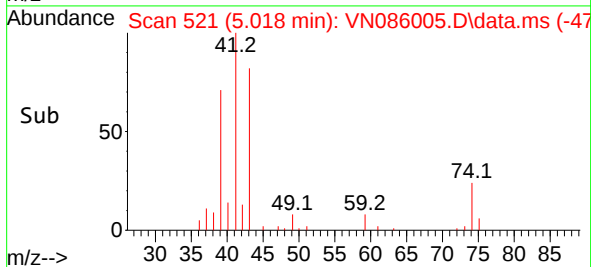
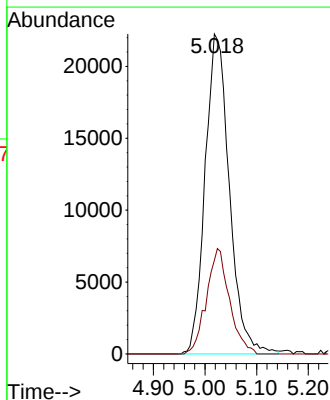
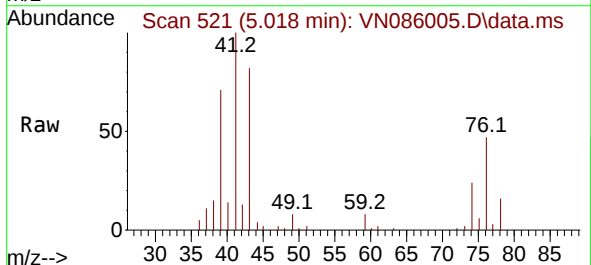
Manual Integrations
APPROVED

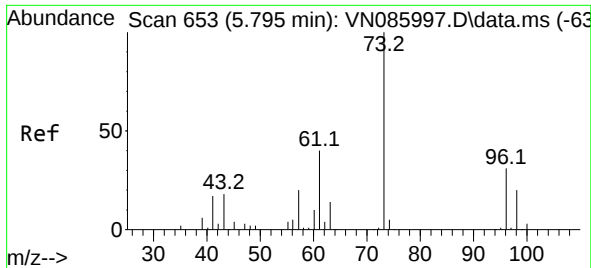
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#18
Methyl Acetate
Concen: 44.664 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 43 Resp: 72478
Ion Ratio Lower Upper
43 100
74 31.3 23.9 35.9





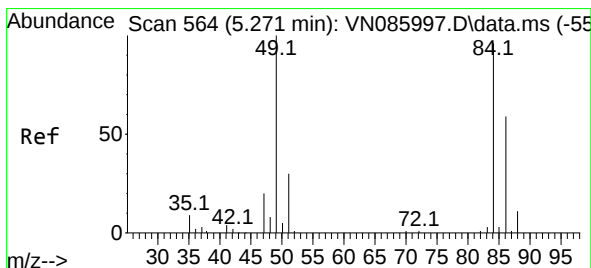
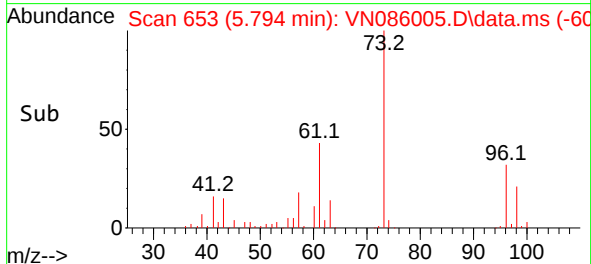
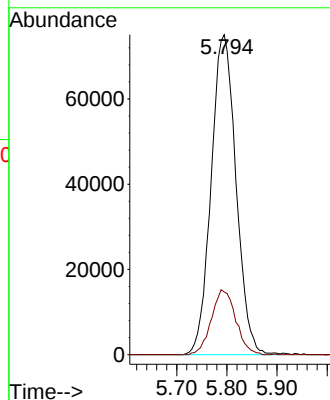
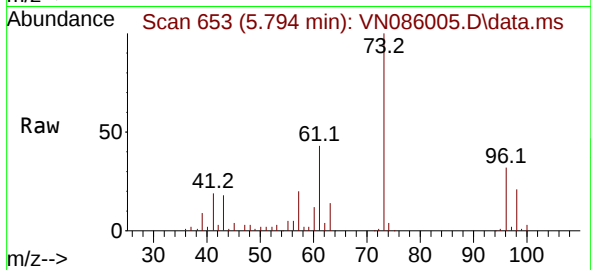
#19
Methyl tert-butyl Ether
Concen: 49.178 ug/l
RT: 5.794 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 25883
Ion Ratio Lower Upper
73 100
57 19.6 16.1 24.1

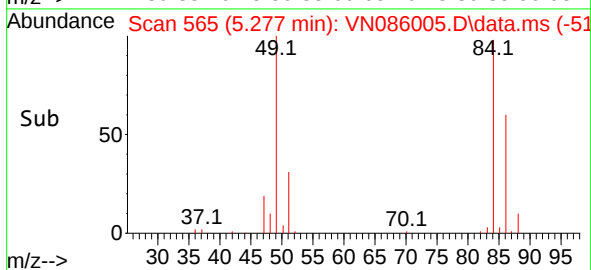
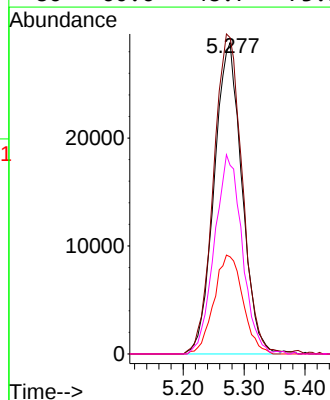
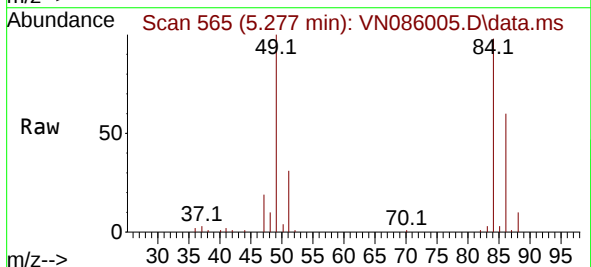
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#20
Methylene Chloride
Concen: 47.554 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

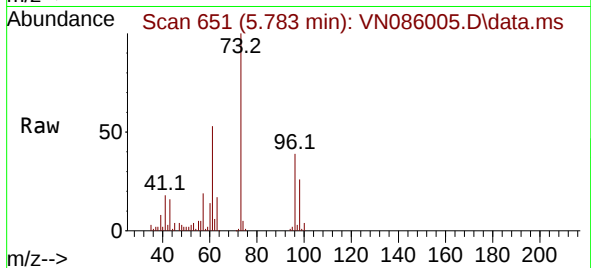
Tgt Ion: 84 Resp: 91242
Ion Ratio Lower Upper
84 100
49 101.6 83.3 124.9
51 31.2 24.8 37.2
86 60.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 47.848 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

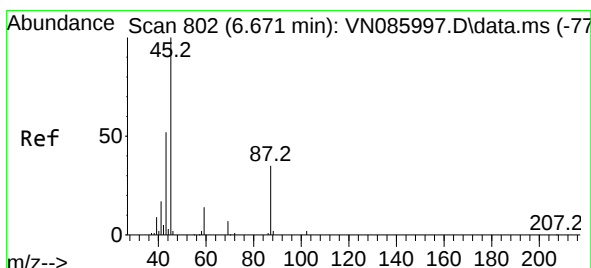
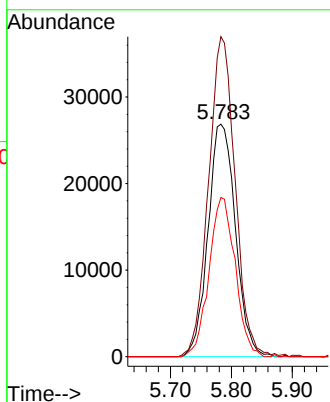
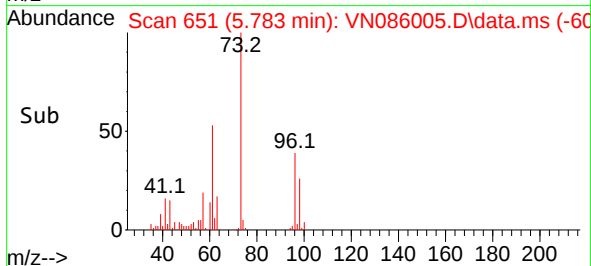
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8398
Ion Ratio Lower Upper
96 100
61 137.6 106.6 160.0
98 68.5 50.0 75.0

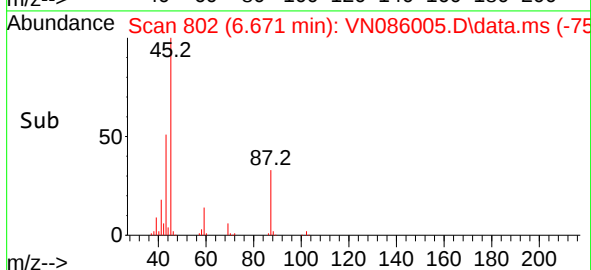
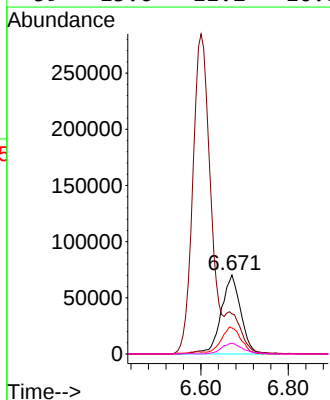
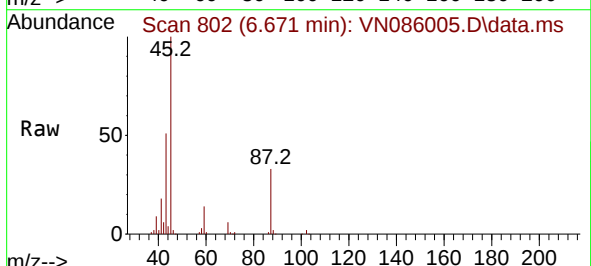
Manual Integrations
APPROVED

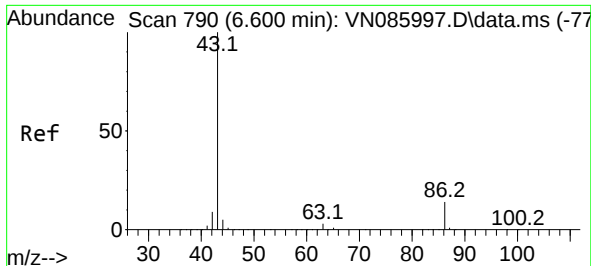
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#22
Diisopropyl ether
Concen: 51.070 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 45 Resp: 218069
Ion Ratio Lower Upper
45 100
43 49.9 41.2 61.8
87 32.8 28.5 42.7
59 13.6 11.2 16.8





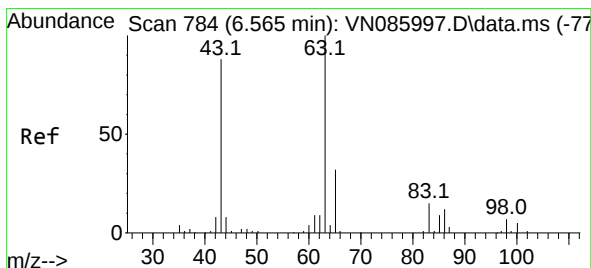
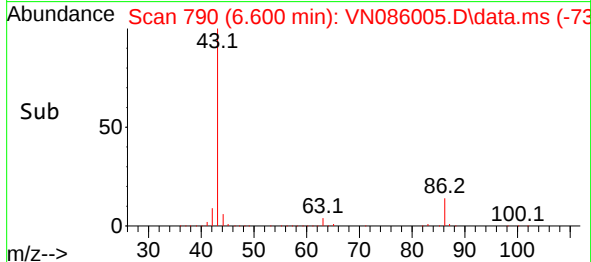
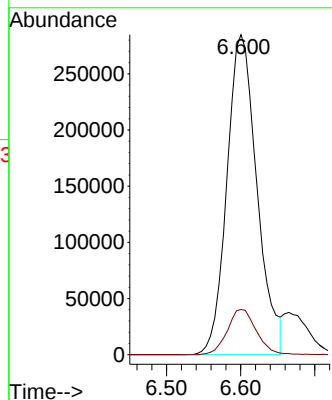
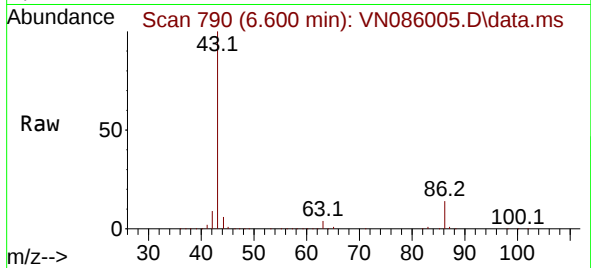
#23
 Vinyl Acetate
 Concen: 248.216 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 80346
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.2 16.8

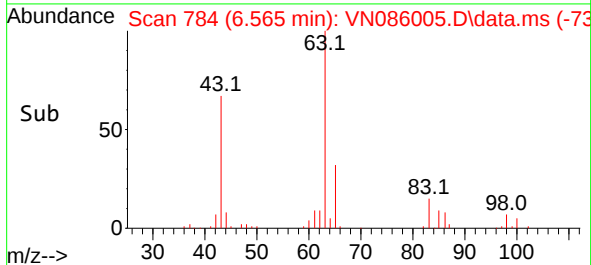
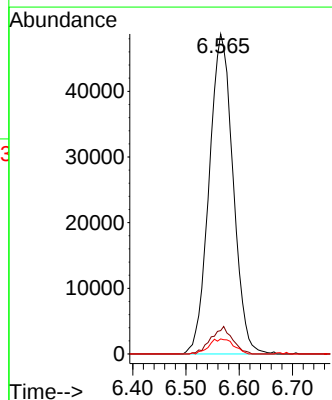
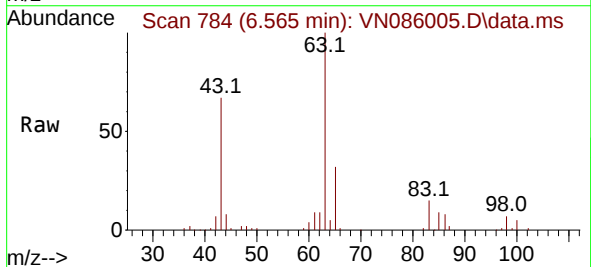
Manual Integrations
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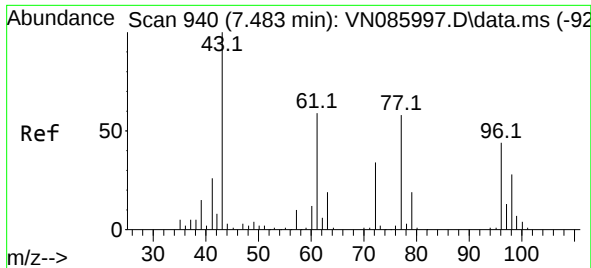
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#24
 1,1-Dichloroethane
 Concen: 48.333 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

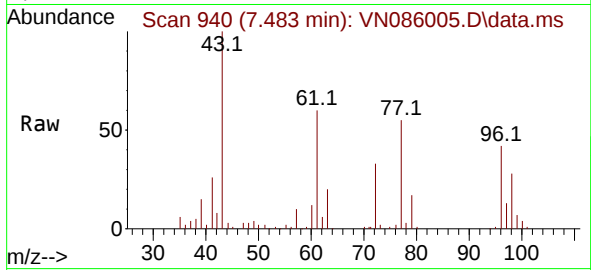
Tgt Ion: 63 Resp: 151763
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.7 2.5 7.5





#25
2-Butanone
Concen: 224.983 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

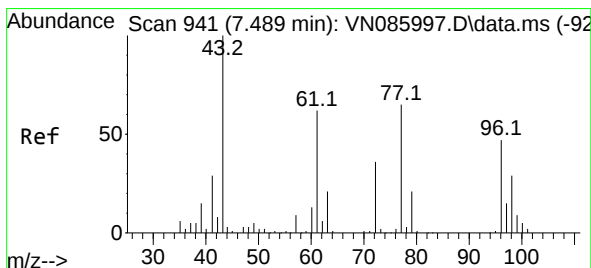
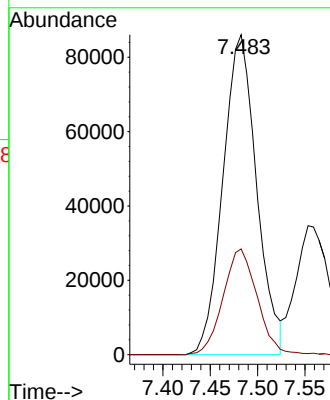
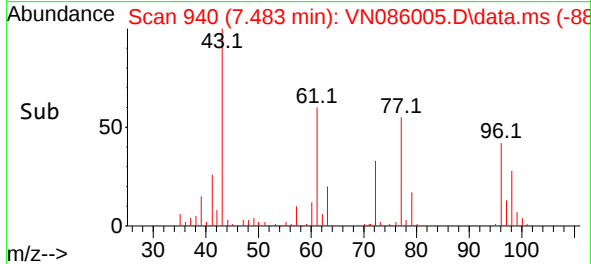
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



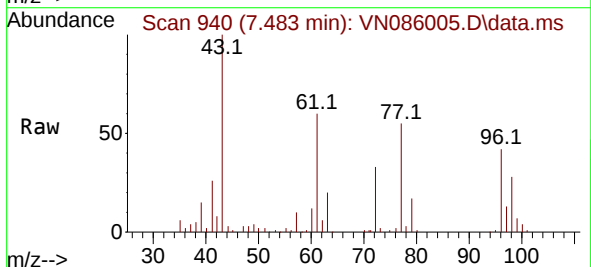
Tgt Ion: 43 Resp: 212918
Ion Ratio Lower Upper
43 100
72 33.1 27.4 41.0

Manual Integrations
APPROVED

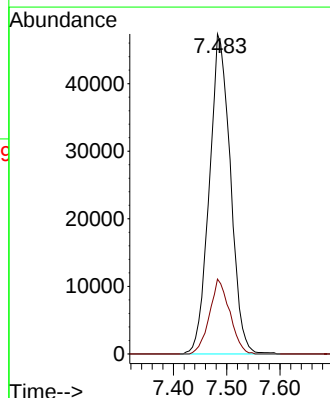
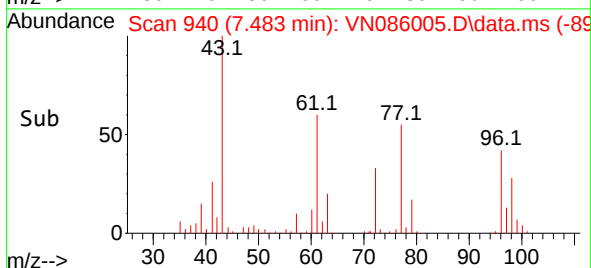
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#26
2,2-Dichloropropane
Concen: 43.130 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion: 77 Resp: 130381
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





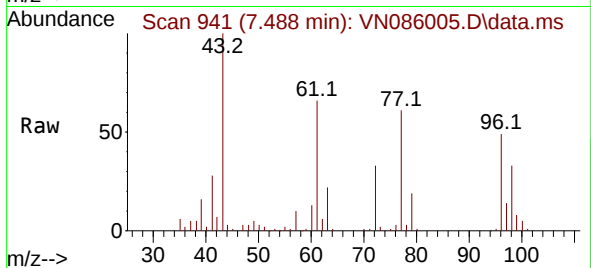
#27
 cis-1,2-Dichloroethene
 Concen: 49.209 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



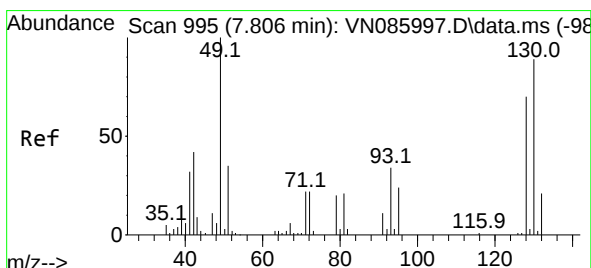
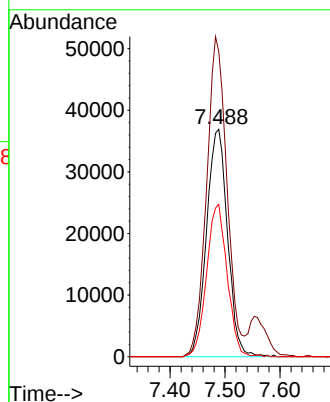
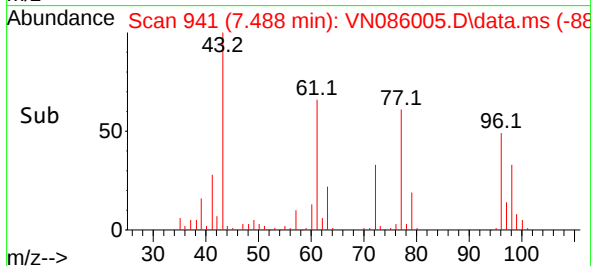
Tgt Ion: 96 Resp: 98150
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 272.8
 98 65.3 0.0 124.8

Manual Integrations

APPROVED

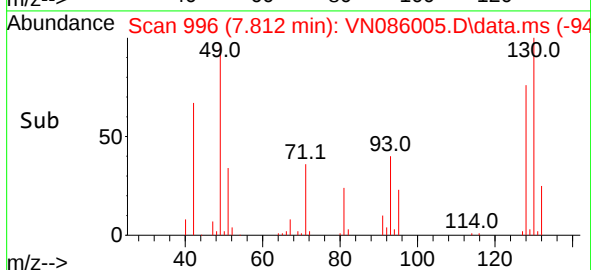
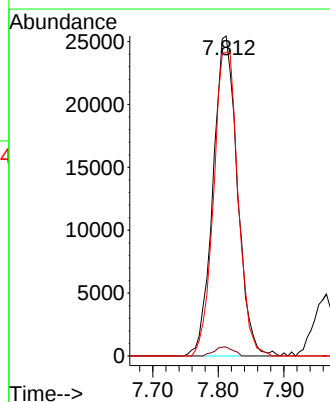
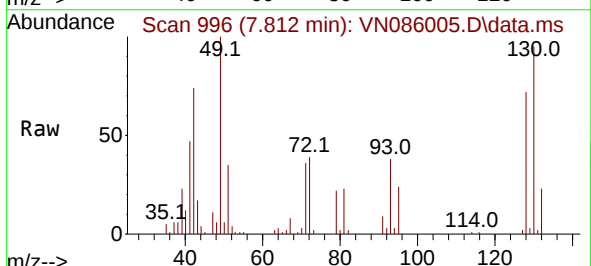
Reviewed By :John Carlone 03/20/2025

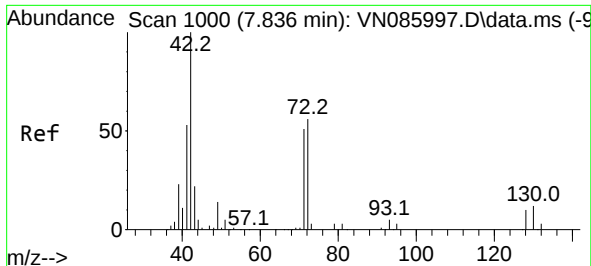
Supervised By :Mahesh Dadoda 03/20/2025



#28
 Bromochloromethane
 Concen: 49.300 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

Tgt Ion: 49 Resp: 65585
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 95.2 74.2 111.4





#29

Tetrahydrofuran

Concen: 254.026 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14841

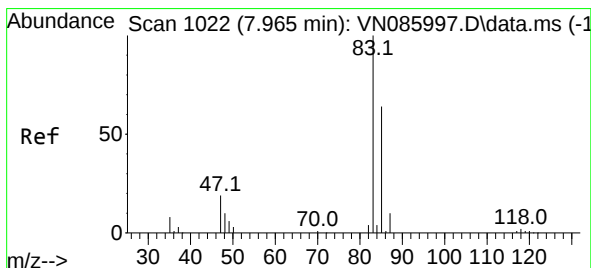
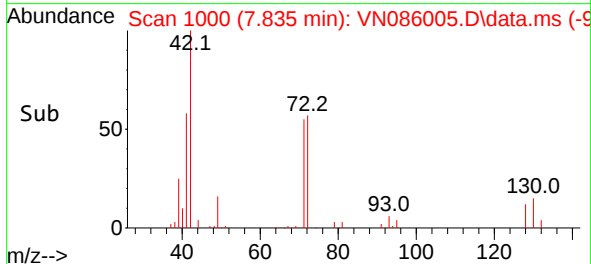
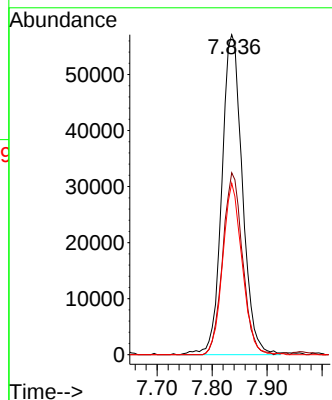
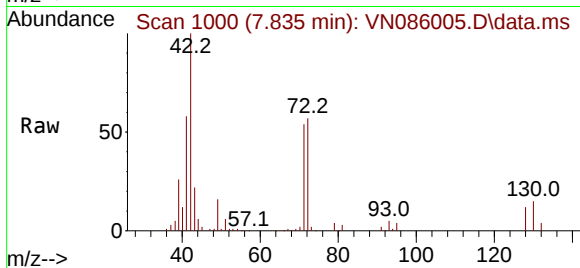
Ion	Ratio	Lower	Upper
42	100		
72	54.8	45.0	67.4
71	50.9	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#30

Chloroform

Concen: 49.200 ug/l

RT: 7.965 min Scan# 1022

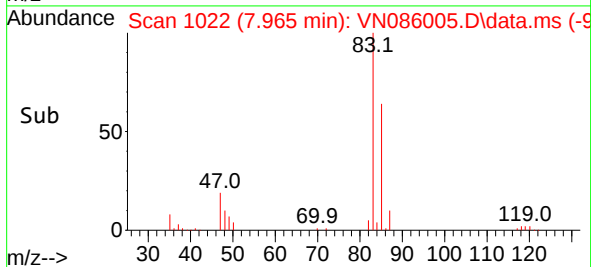
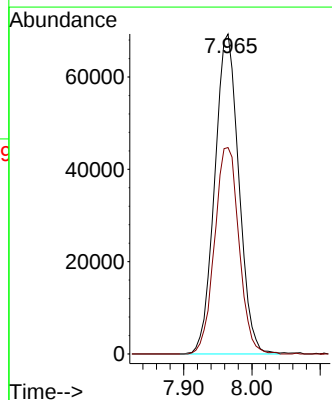
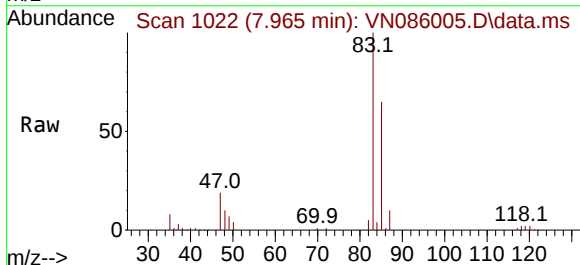
Delta R.T. -0.000 min

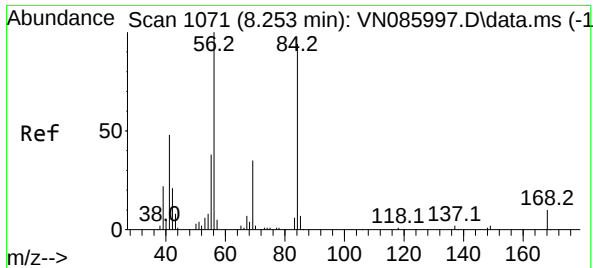
Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Tgt Ion: 83 Resp: 170758

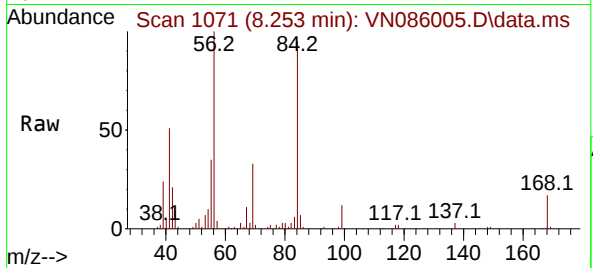
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





#31
Cyclohexane
Concen: 44.636 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

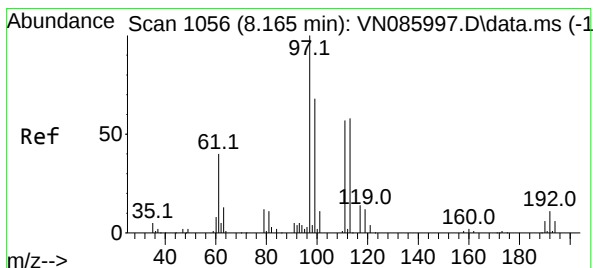
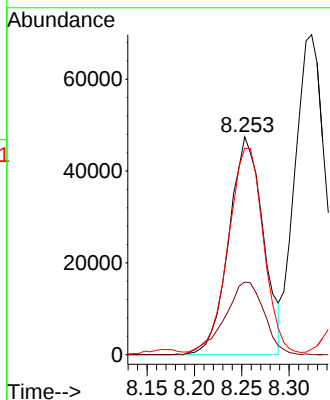
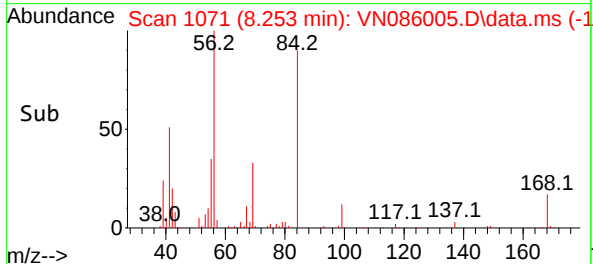
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



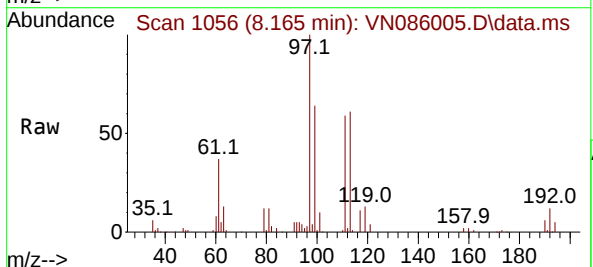
Tgt Ion: 56 Resp: 119397
Ion Ratio Lower Upper
56 100
69 33.0 28.0 42.0
84 93.3 75.0 112.6

Manual Integrations
APPROVED

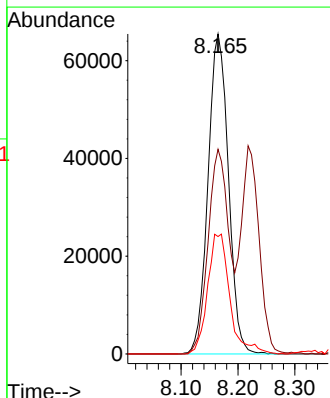
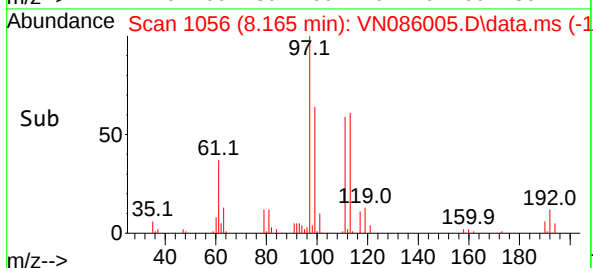
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#32
1,1,1-Trichloroethane
Concen: 49.613 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion: 97 Resp: 162997
Ion Ratio Lower Upper
97 100
99 65.1 52.8 79.2
61 40.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 53.325 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 114478

Ion Ratio Lower Upper

65 100

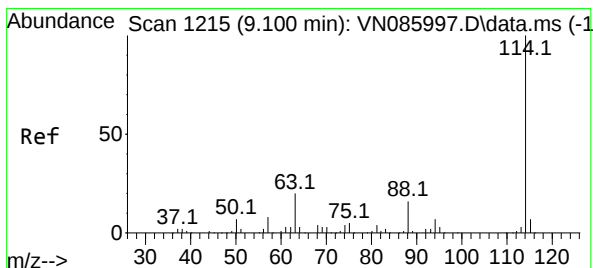
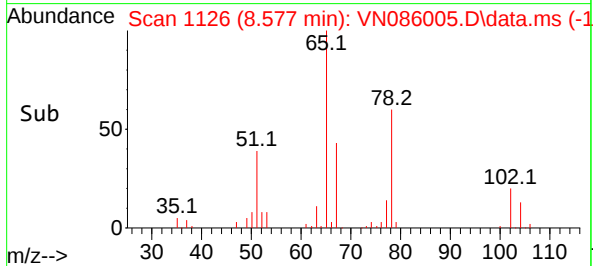
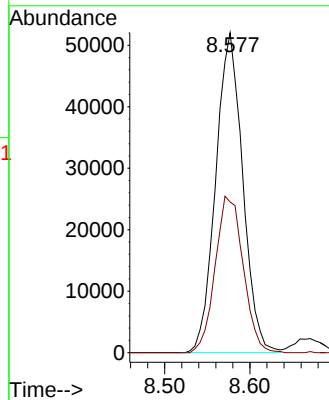
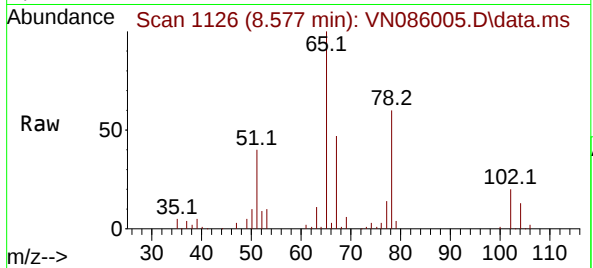
67 50.7 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

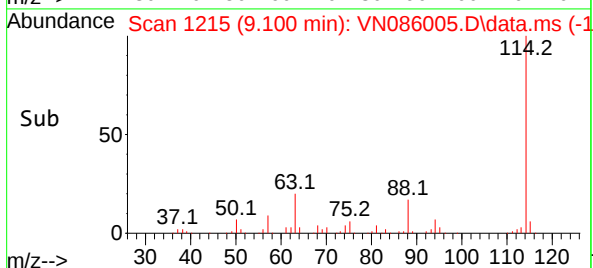
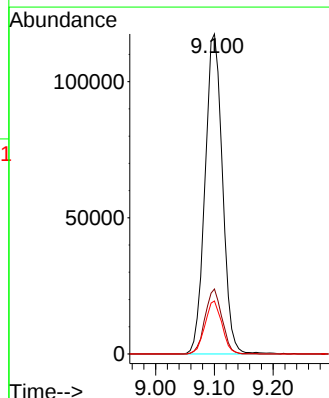
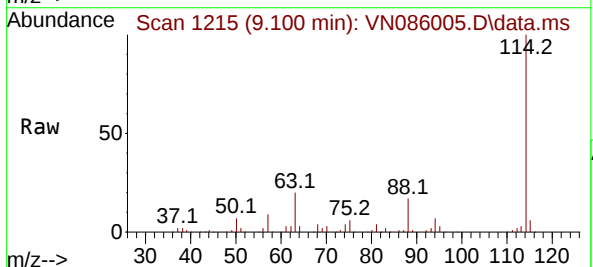
Tgt Ion:114 Resp: 241906

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

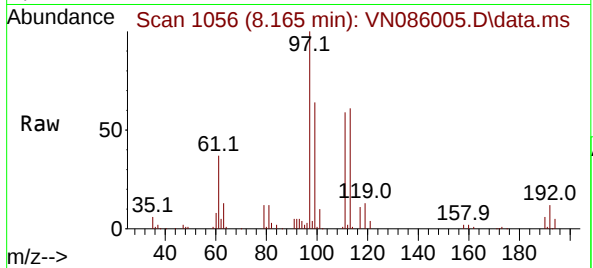
88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.956 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

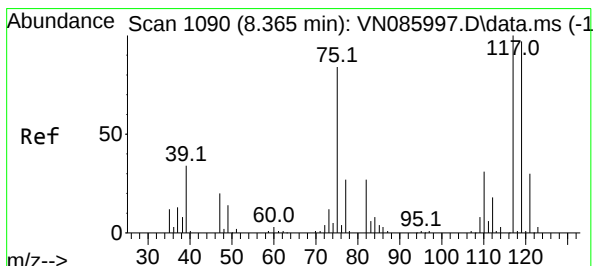
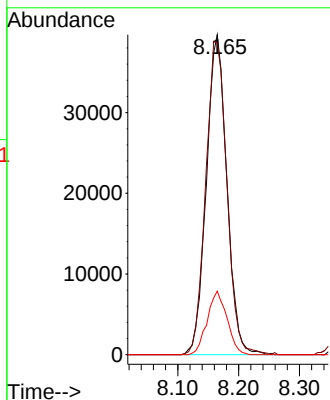
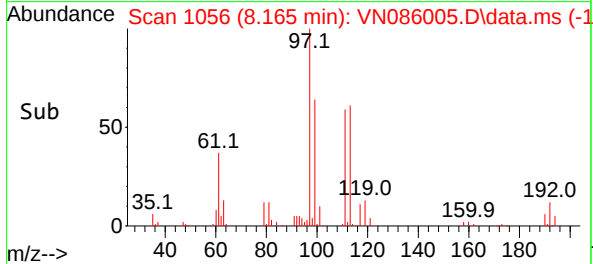
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



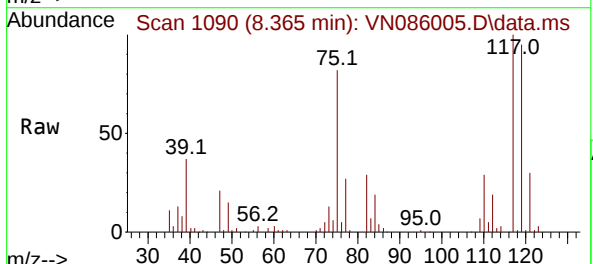
Tgt Ion: 113 Resp: 9279
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.8
192 19.2 15.9 23.9

Manual Integrations
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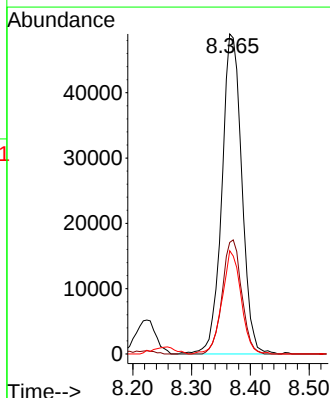
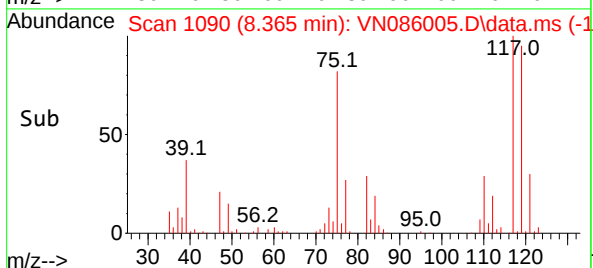
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

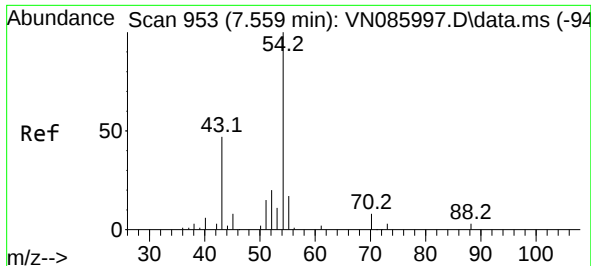


#36
1,1-Dichloropropene
Concen: 51.903 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion: 75 Resp: 115397
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 46.716 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

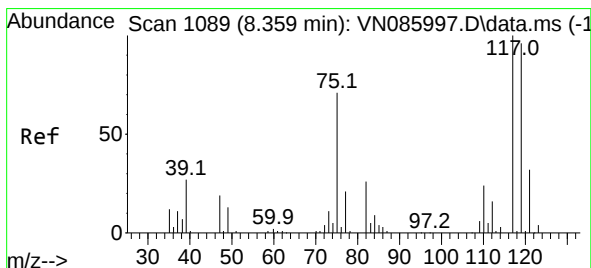
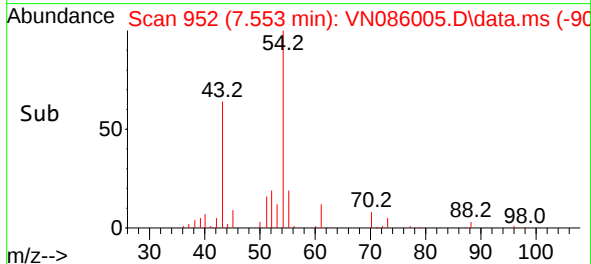
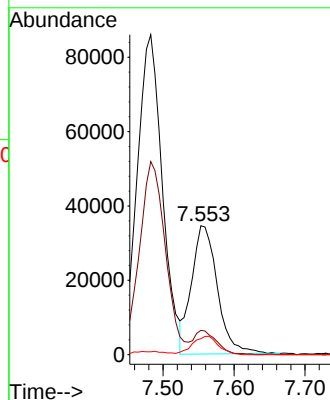
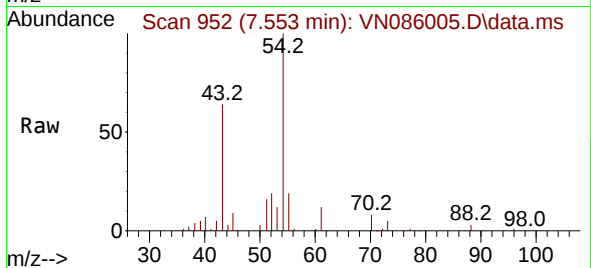
Tgt Ion: 43	Resp: 87624
Ion Ratio	Lower Upper
43 100	
61 16.7	13.0 19.4
70 14.2	11.0 16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#38

Carbon Tetrachloride

Concen: 52.166 ug/l

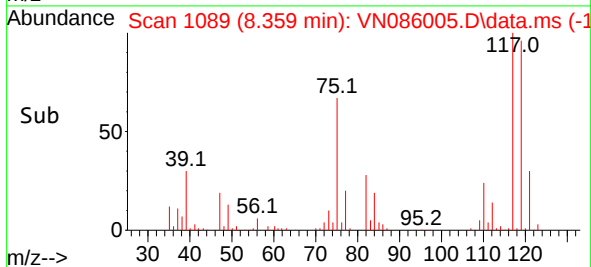
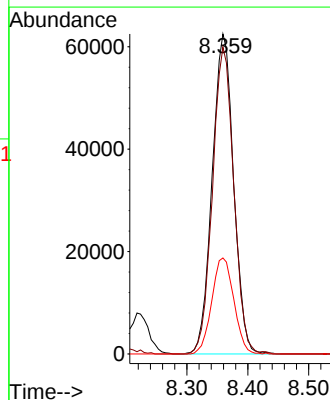
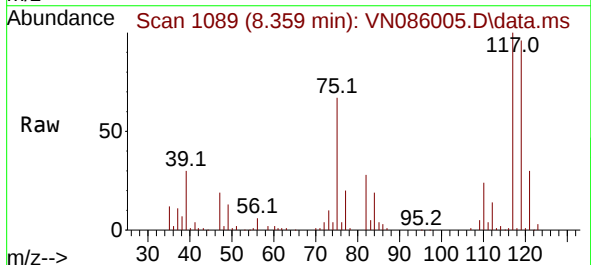
RT: 8.359 min Scan# 1089

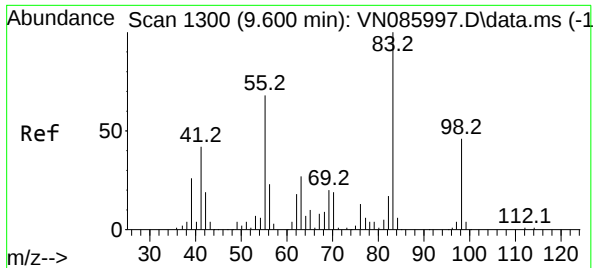
Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

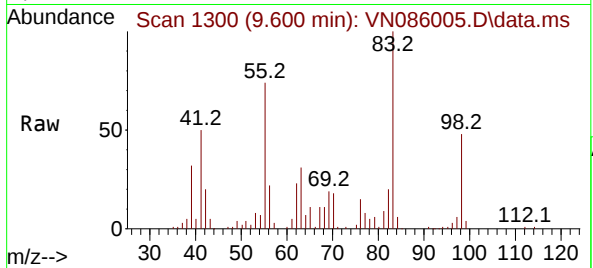
Tgt Ion:117	Resp:	152496	
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
121	30.0	25.6	38.4





#39
Methylcyclohexane
Concen: 47.581 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

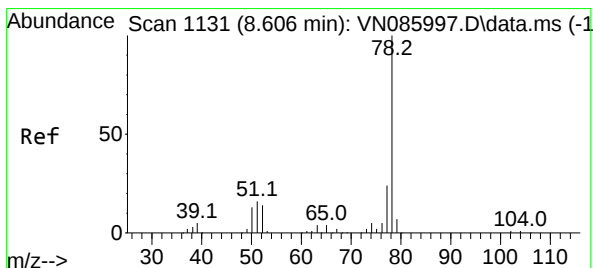
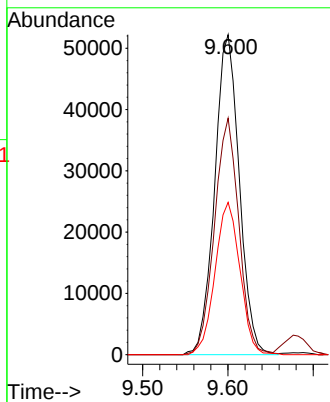
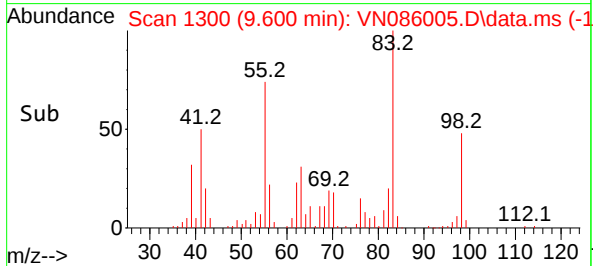
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 104958
Ion Ratio Lower Upper
83 100
55 73.9 54.2 81.2
98 47.6 37.1 55.7

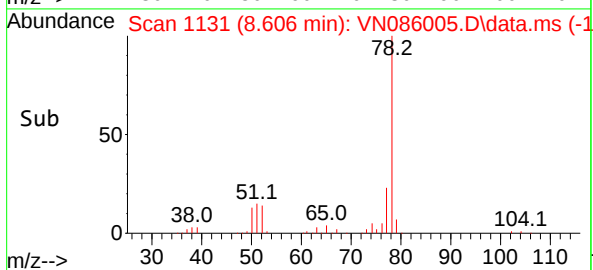
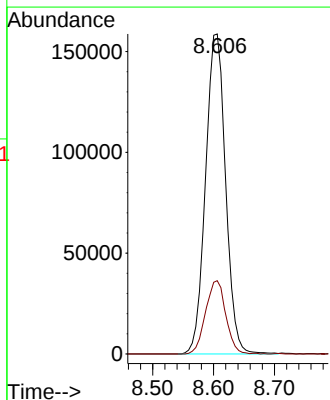
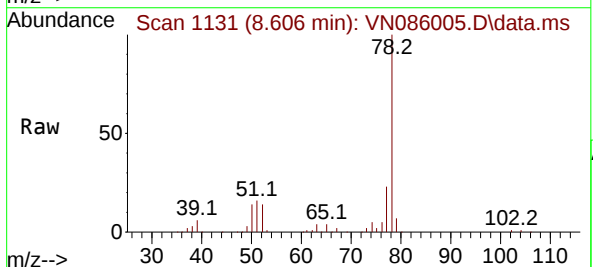
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#40
Benzene
Concen: 52.103 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

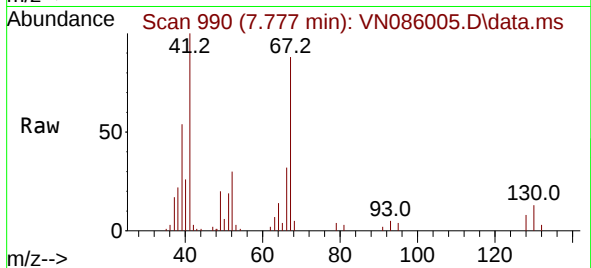
Tgt Ion: 78 Resp: 363650
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3





#41
Methacrylonitrile
Concen: 51.265 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

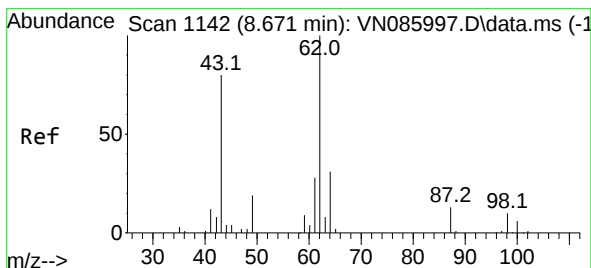
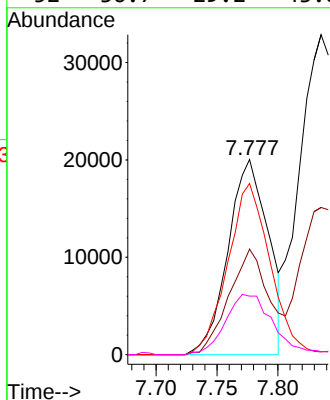
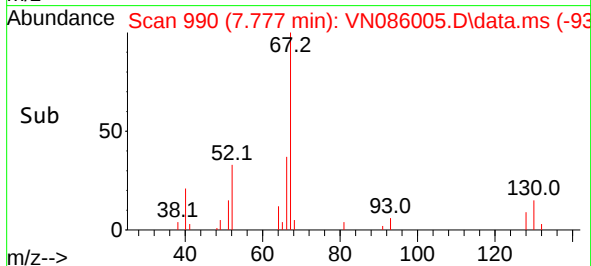
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



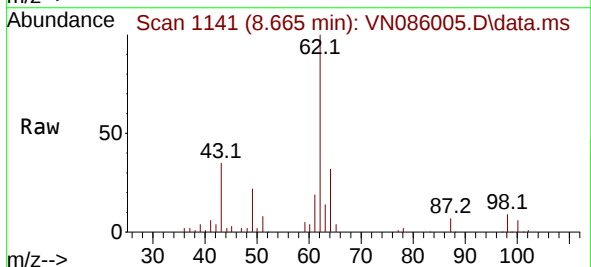
Tgt Ion: 41 Resp: 45915
Ion Ratio Lower Upper
41 100
39 55.1 46.2 69.2
67 93.7 75.9 113.9
52 36.7 29.2 43.8

Manual Integrations
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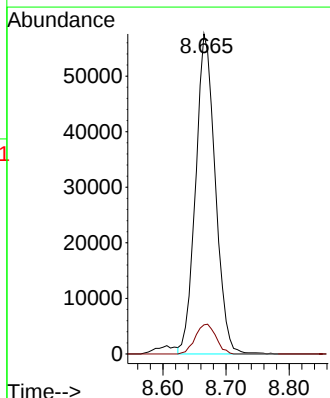
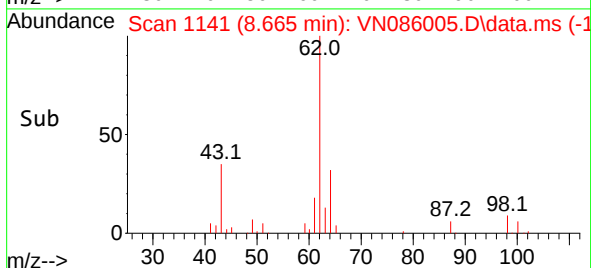
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

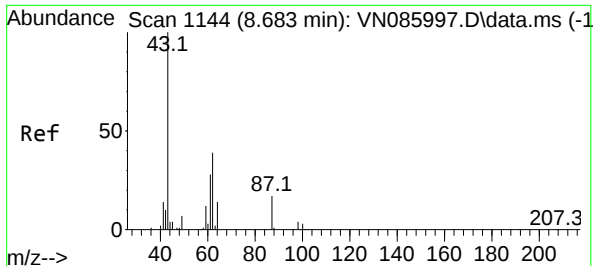


#42
1,2-Dichloroethane
Concen: 51.211 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



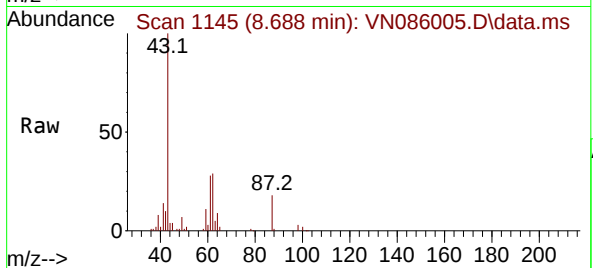
Tgt Ion: 62 Resp: 124542
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.6





#43
Isopropyl Acetate
Concen: 36.567 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

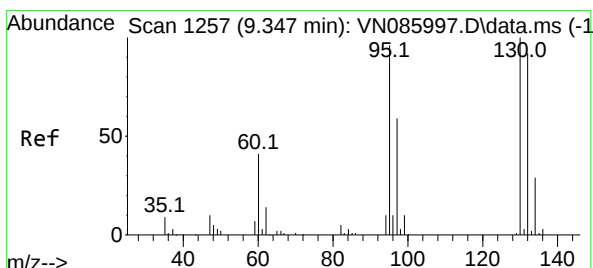
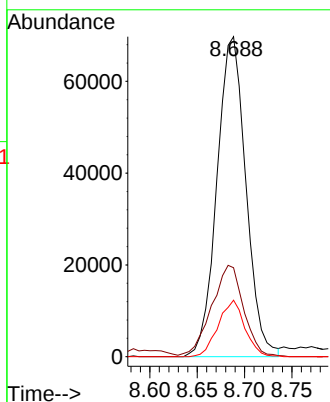
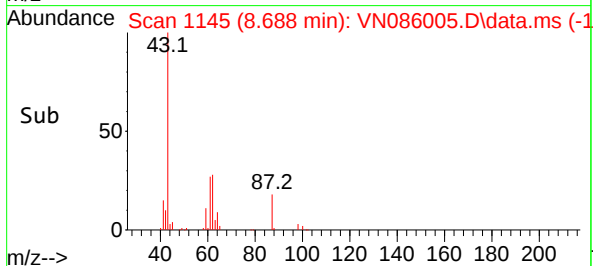
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



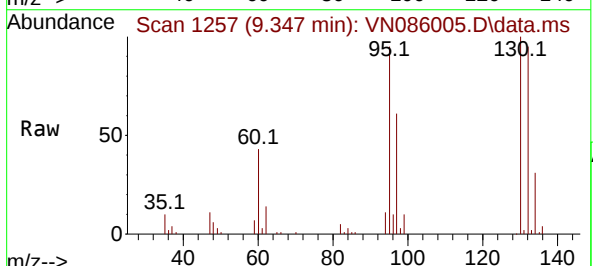
Tgt Ion: 43 Resp: 148624
Ion Ratio Lower Upper
43 100
61 31.6 25.0 37.6
87 16.2 13.0 19.4

Manual Integrations
APPROVED

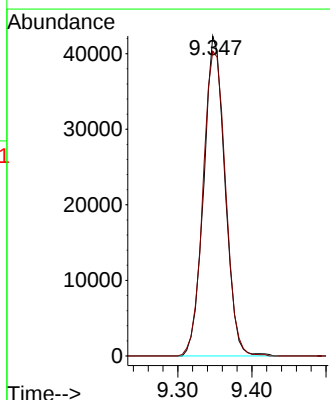
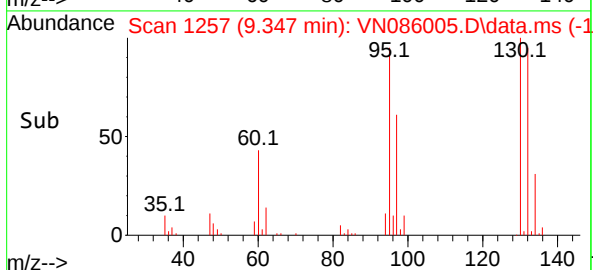
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

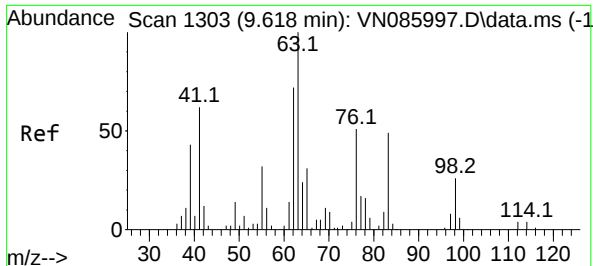


#44
Trichloroethene
Concen: 46.577 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion:130 Resp: 84254
Ion Ratio Lower Upper
130 100
95 95.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 52.942 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8404

Ion Ratio Lower Upper

63 100

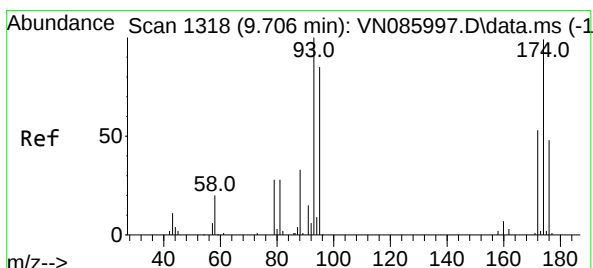
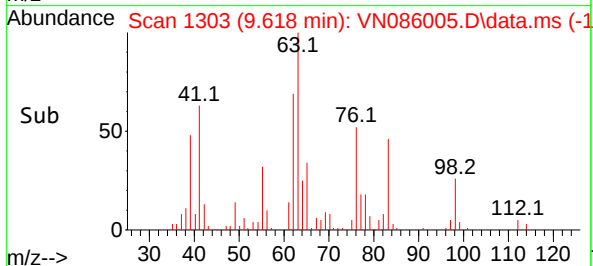
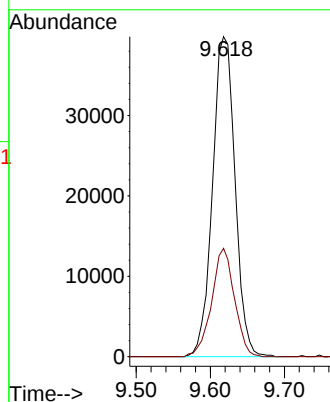
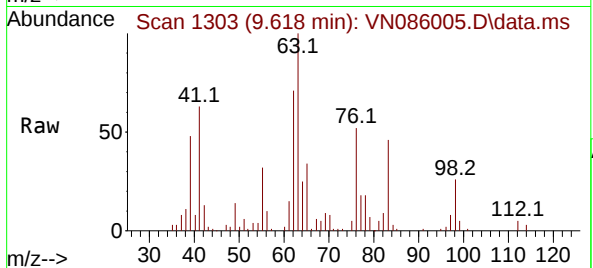
65 33.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#46

Dibromomethane

Concen: 52.472 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

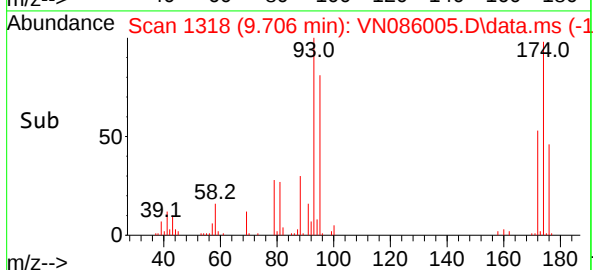
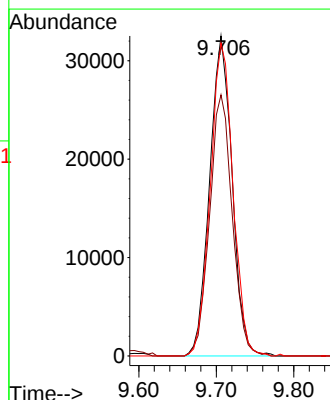
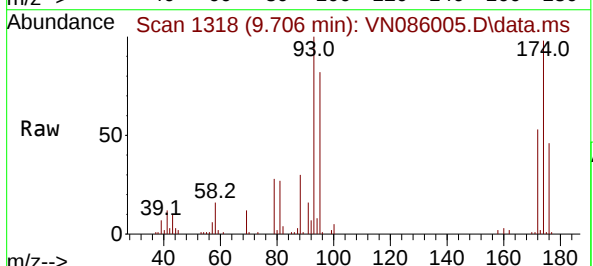
Tgt Ion: 93 Resp: 65507

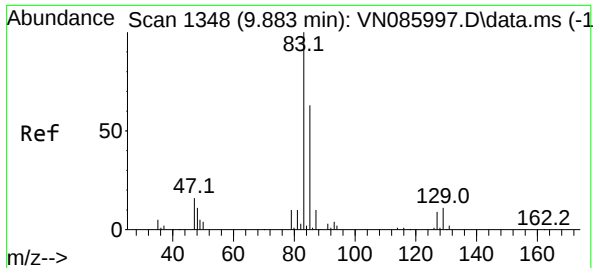
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.2

174 98.6 80.1 120.1





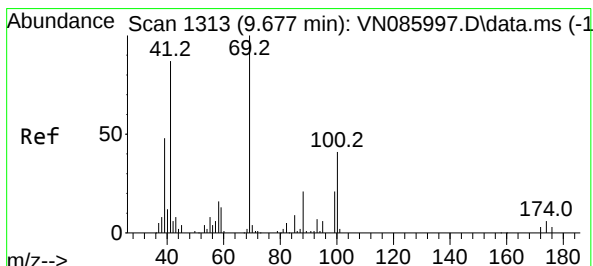
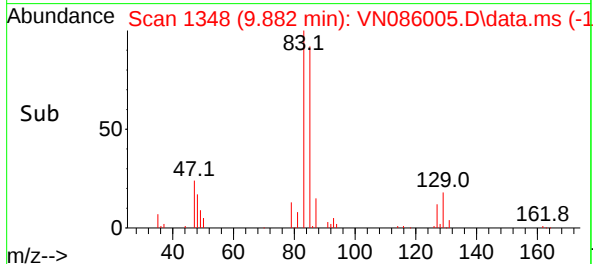
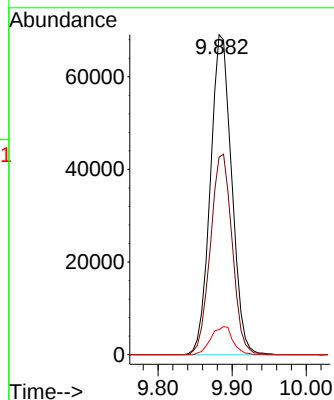
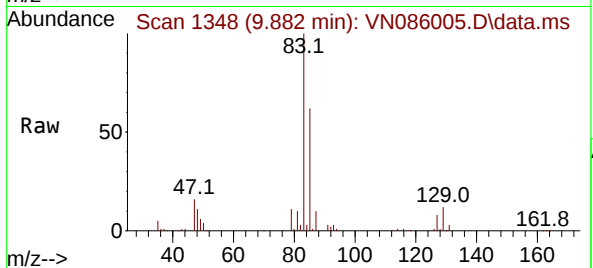
#47
Bromodichloromethane
Concen: 52.947 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13814
Ion Ratio Lower Upper
83 100
85 61.7 50.2 75.2
127 7.9 7.1 10.7

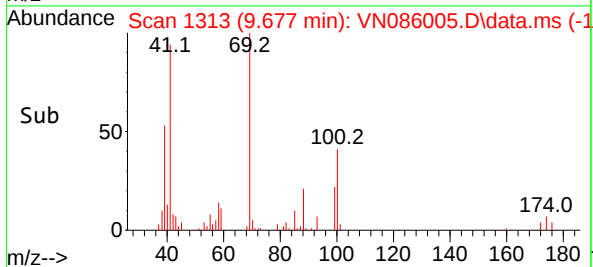
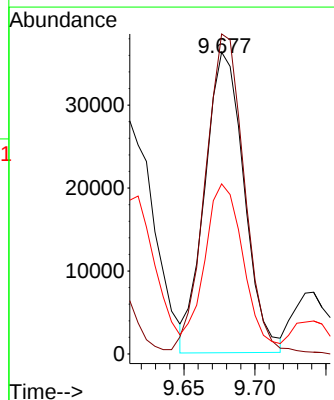
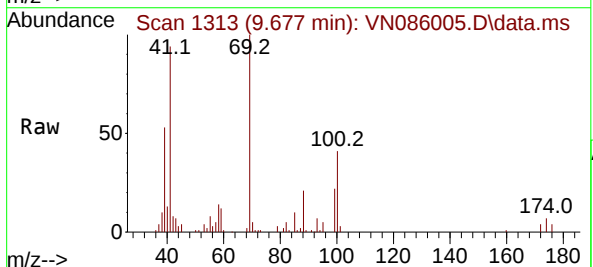
Manual Integrations
APPROVED

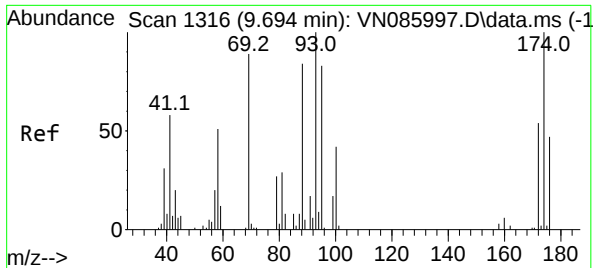
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#48
Methyl methacrylate
Concen: 51.973 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

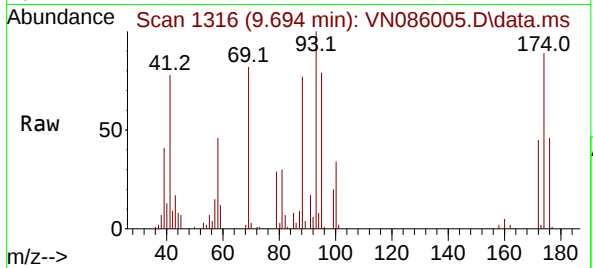
Tgt Ion: 41 Resp: 69708
Ion Ratio Lower Upper
41 100
69 106.1 83.1 124.7
39 57.1 45.6 68.4





#49
1,4-Dioxane
Concen: 1054.588 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

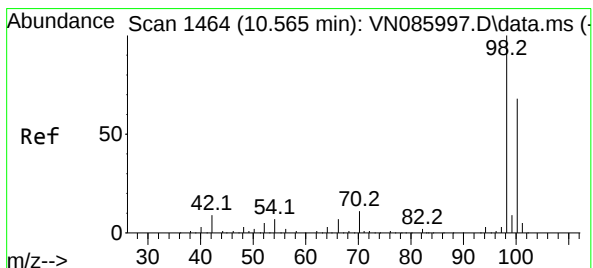
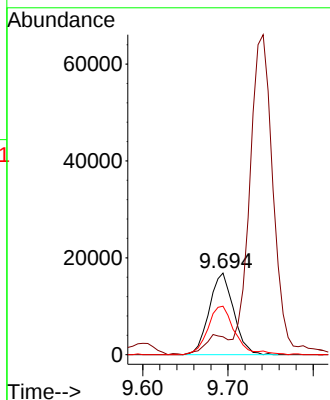
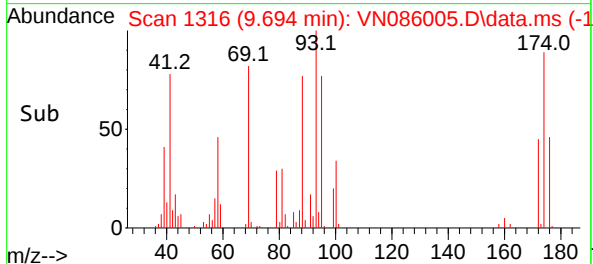
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3343
Ion Ratio Lower Upper
88 100
43 22.0 21.7 32.5
58 65.7 50.4 75.6

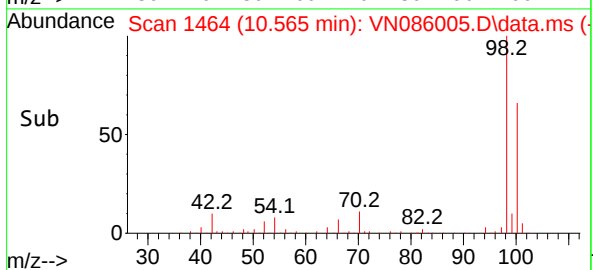
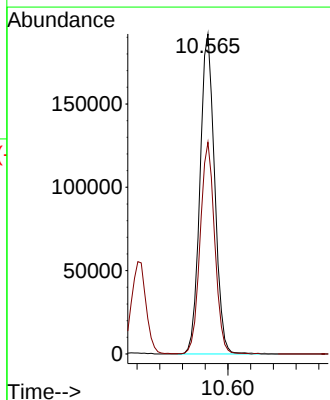
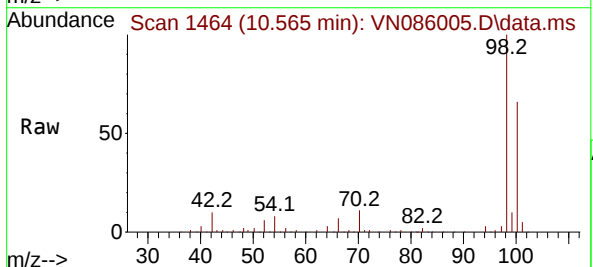
Manual Integrations
APPROVED

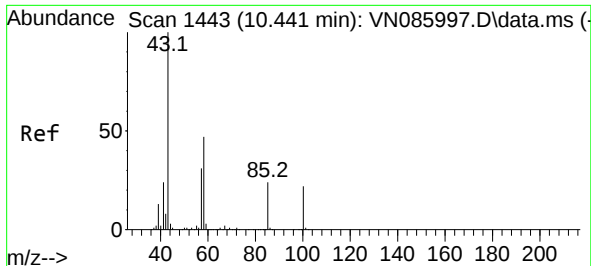
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#50
Toluene-d8
Concen: 56.069 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

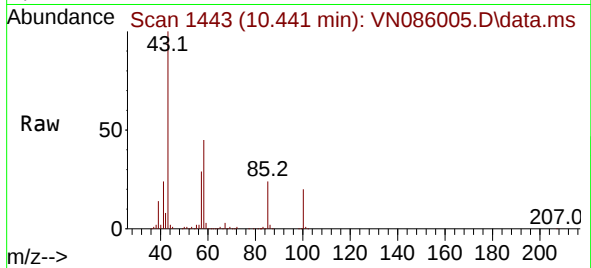
Tgt Ion: 98 Resp: 343592
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 268.276 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

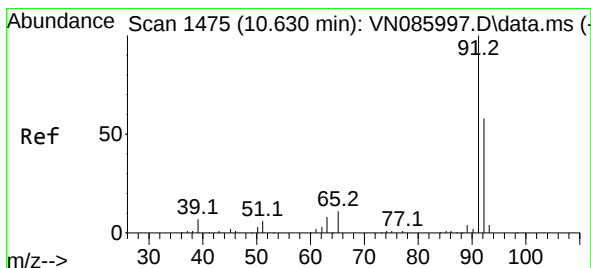
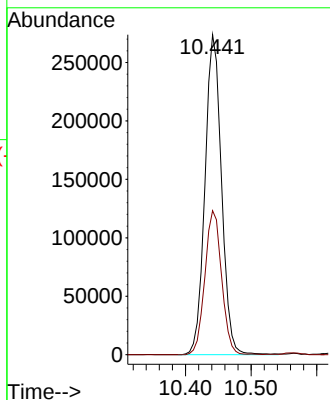
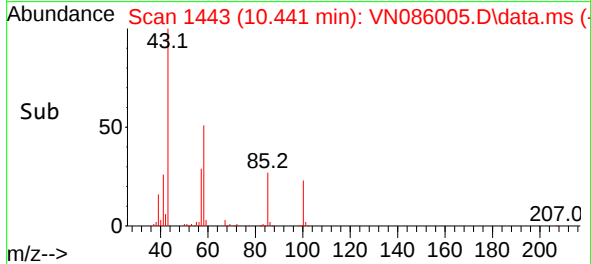
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 48089
Ion Ratio Lower Upper
43 100
58 45.5 37.4 56.0

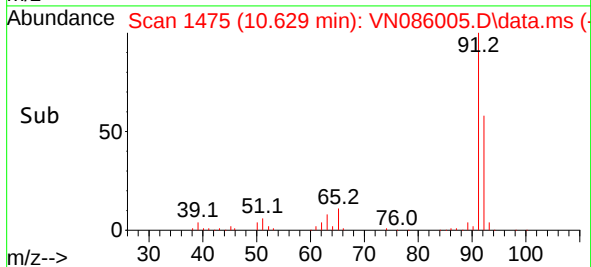
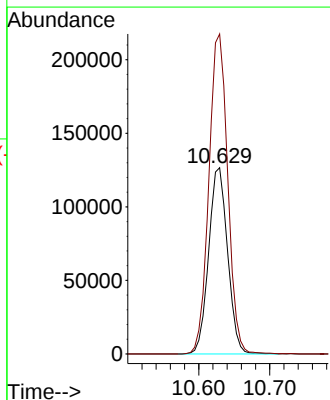
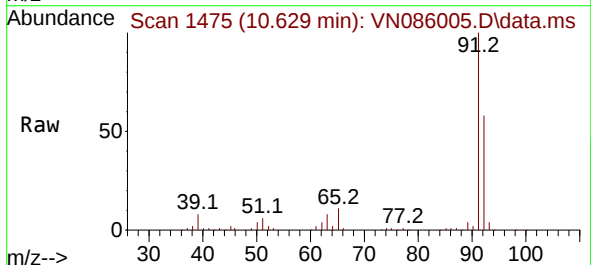
Manual Integrations
APPROVED

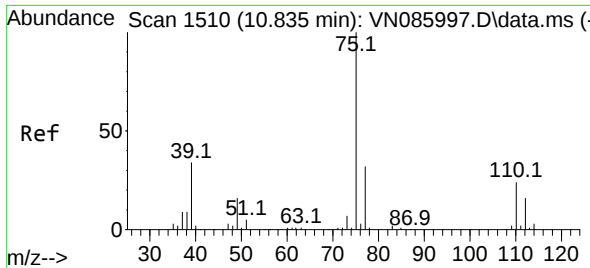
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#52
Toluene
Concen: 54.758 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

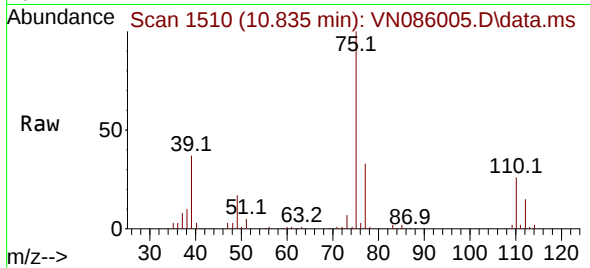
Tgt Ion: 92 Resp: 234563
Ion Ratio Lower Upper
92 100
91 171.2 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 50.795 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

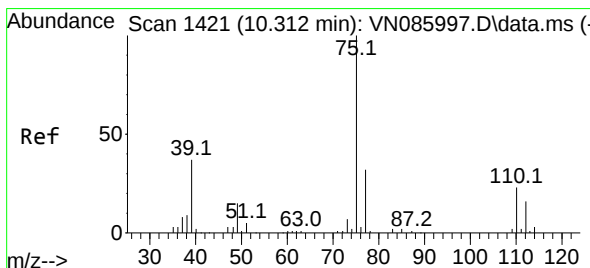
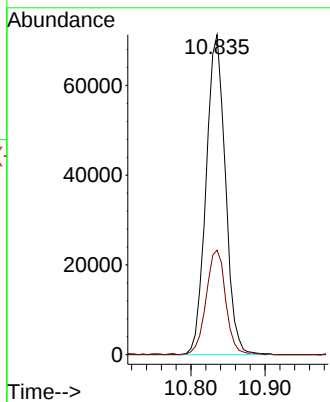
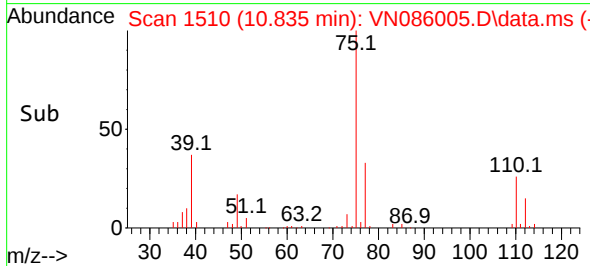
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



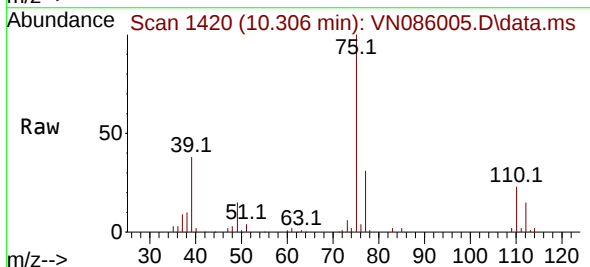
Tgt Ion: 75 Resp: 128710
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9

Manual Integrations
APPROVED

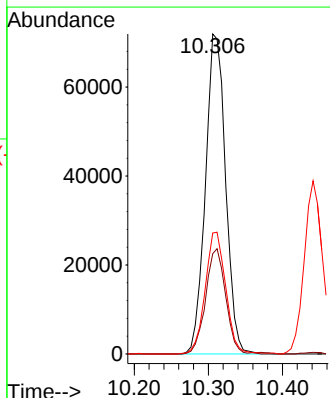
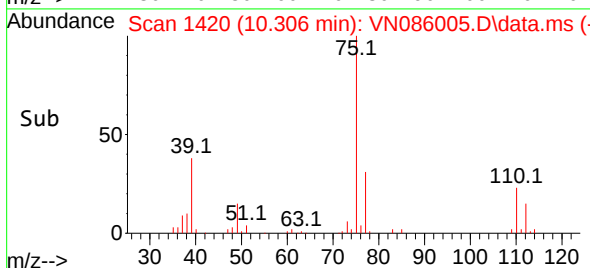
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

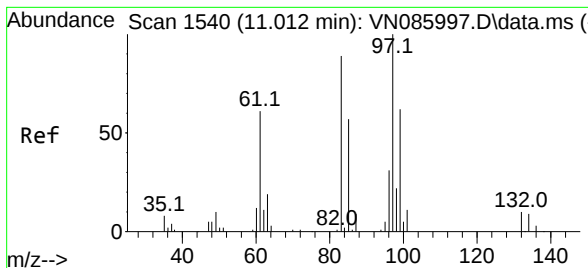


#54
cis-1,3-Dichloropropene
Concen: 50.987 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



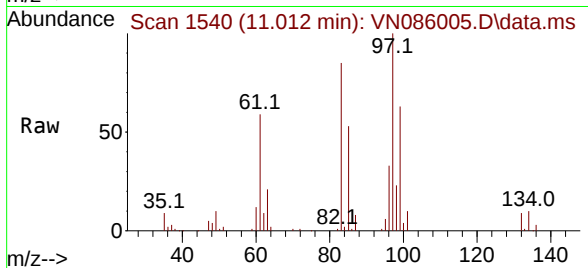
Tgt Ion: 75 Resp: 136311
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 37.8 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 53.076 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

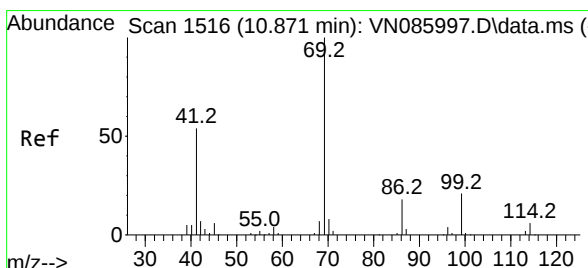
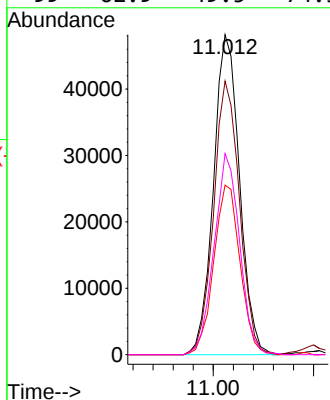
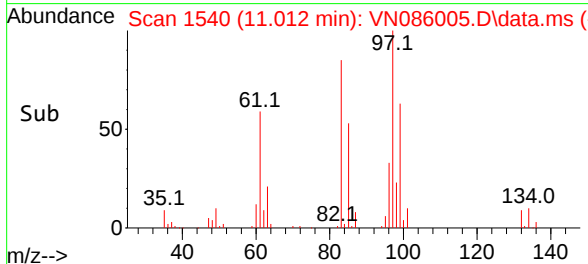
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



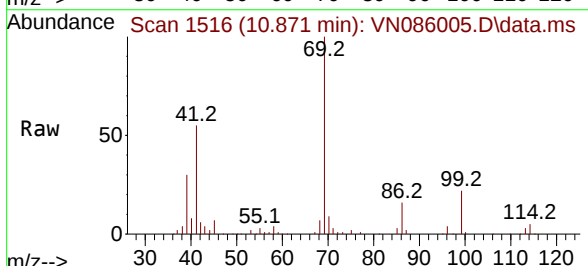
Tgt Ion:	97	Resp:	8677
Ion Ratio	100	Lower	Upper
97	100		
83	85.5	71.2	106.8
85	53.0	45.4	68.0
99	62.9	49.5	74.3

Manual Integrations
APPROVED

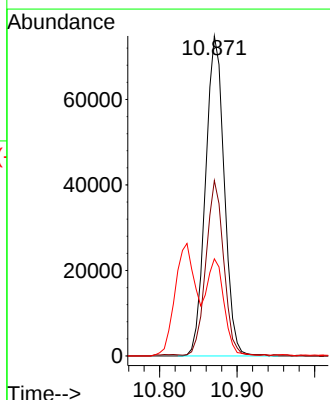
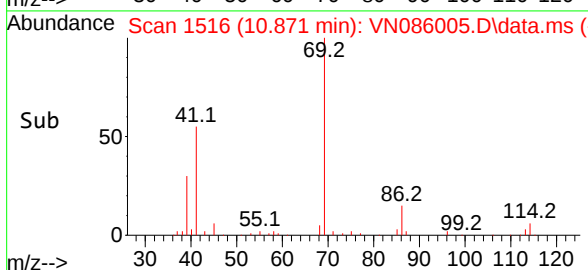
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

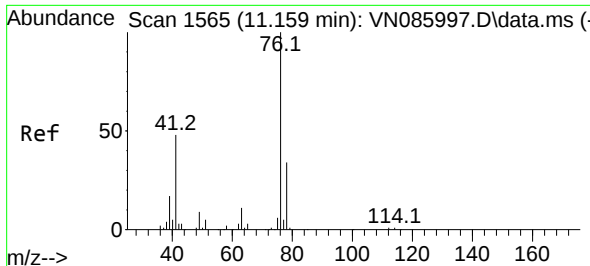


#56
Ethyl methacrylate
Concen: 49.336 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion:	69	Resp:	125491
Ion Ratio	100	Lower	Upper
69	100		
41	52.5	41.6	62.4
39	28.3	21.8	32.8





#57

1,3-Dichloropropane

Concen: 52.674 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14627

Ion Ratio Lower Upper

76 100

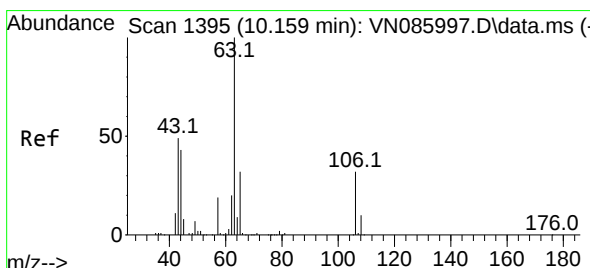
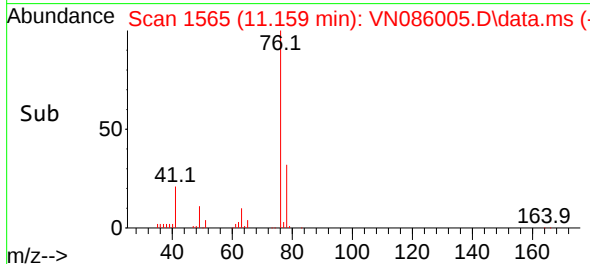
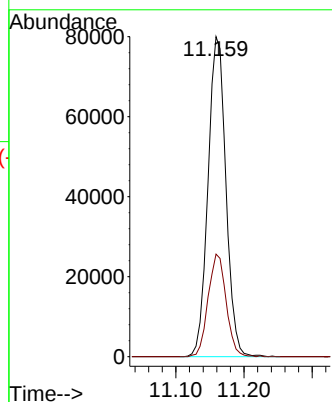
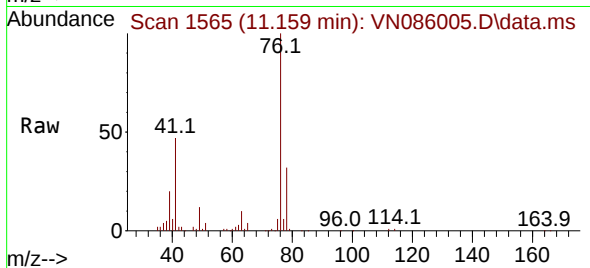
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 291.749 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086005.D

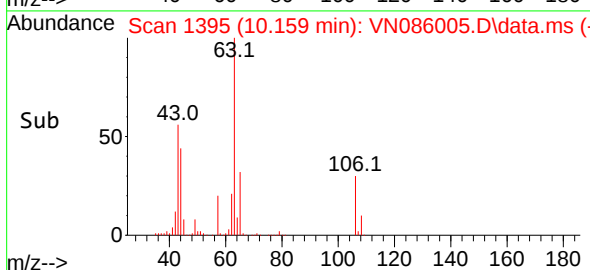
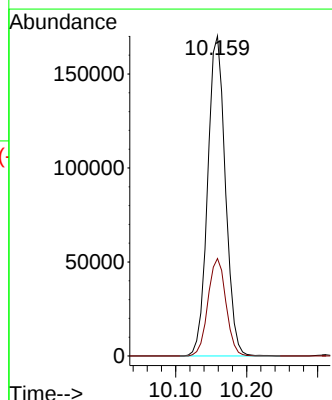
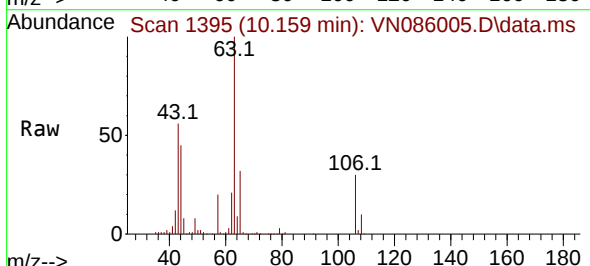
Acq: 19 Mar 2025 13:18

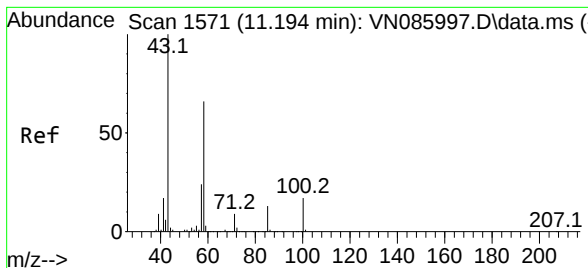
Tgt Ion: 63 Resp: 294743

Ion Ratio Lower Upper

63 100

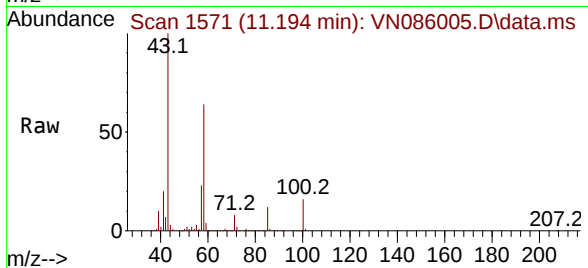
106 30.9 25.0 37.6





#59
2-Hexanone
Concen: 270.246 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

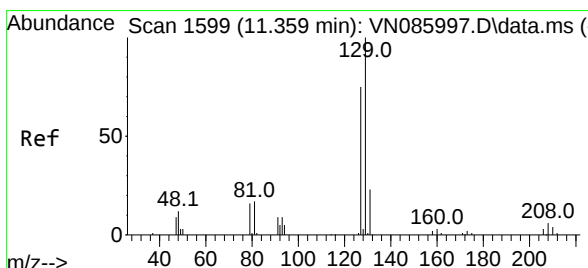
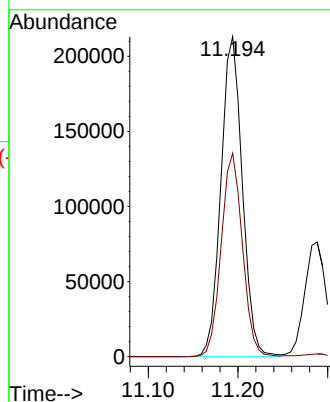
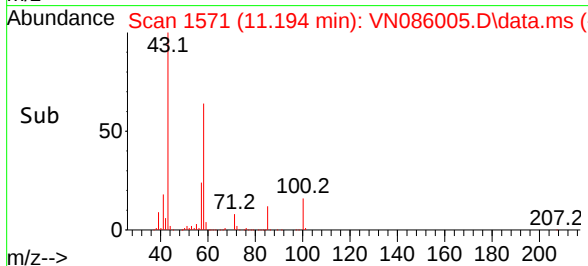
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 352899
Ion Ratio Lower Upper
43 100
58 63.0 32.4 97.2

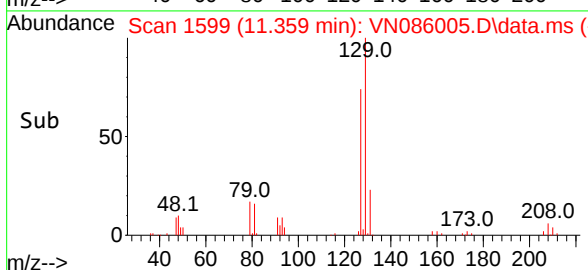
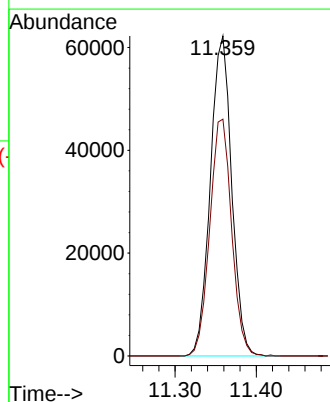
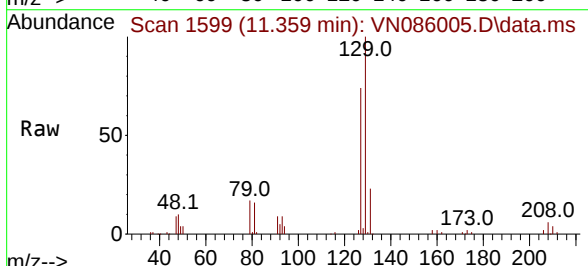
Manual Integrations
APPROVED

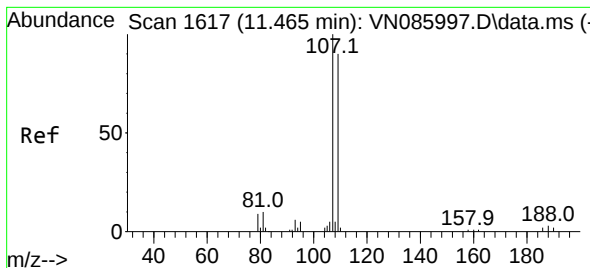
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#60
Dibromochloromethane
Concen: 53.908 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion:129 Resp: 113733
Ion Ratio Lower Upper
129 100
127 75.6 37.8 113.4





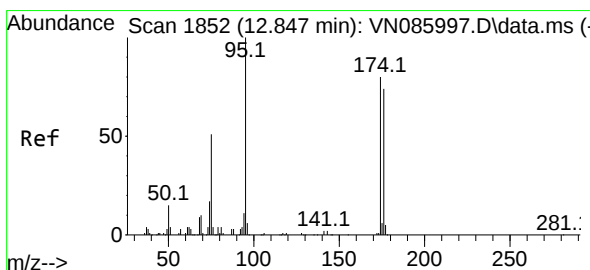
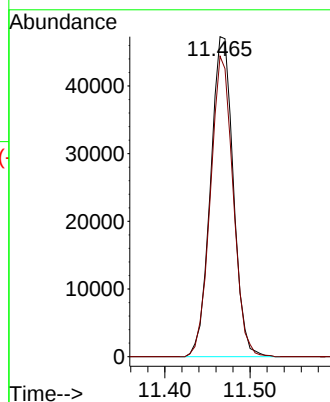
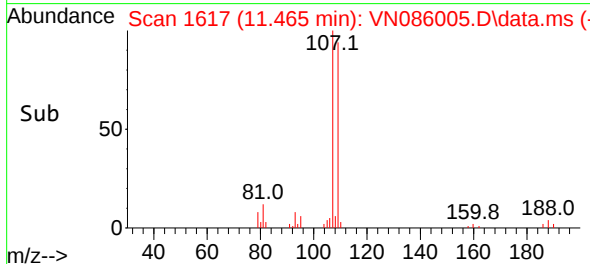
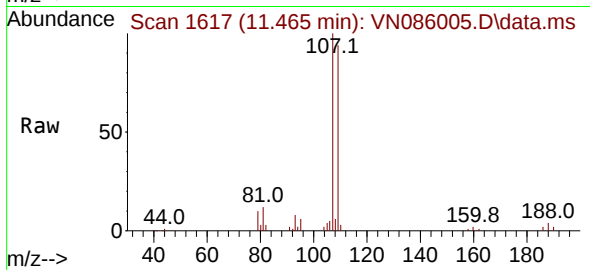
#61
1,2-Dibromoethane
Concen: 52.316 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8781
Ion Ratio Lower Upper
107 100
109 93.3 73.3 109.9

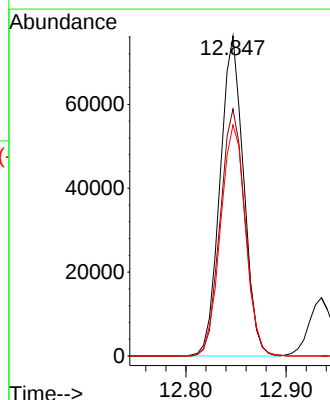
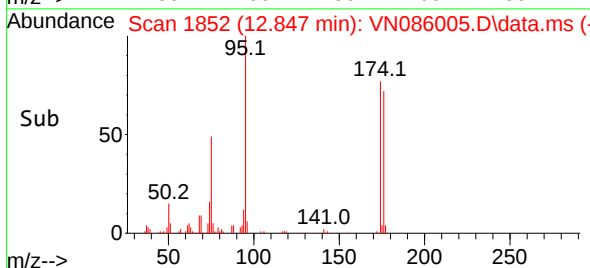
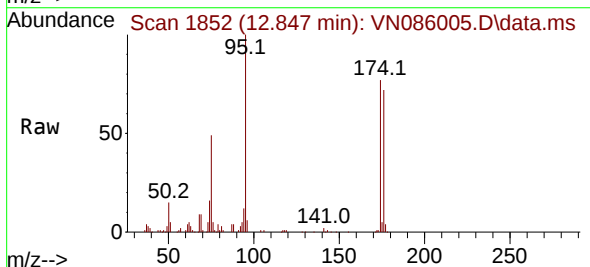
Manual Integrations
APPROVED

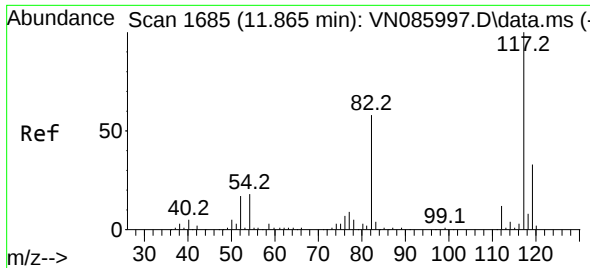
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#62
4-Bromofluorobenzene
Concen: 56.858 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

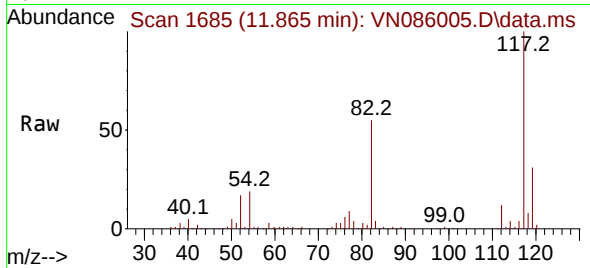
Tgt Ion: 95 Resp: 124258
Ion Ratio Lower Upper
95 100
174 81.1 0.0 156.8
176 76.6 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

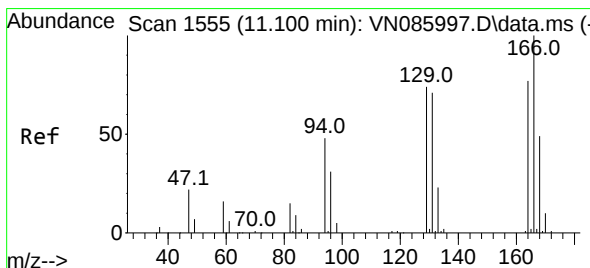
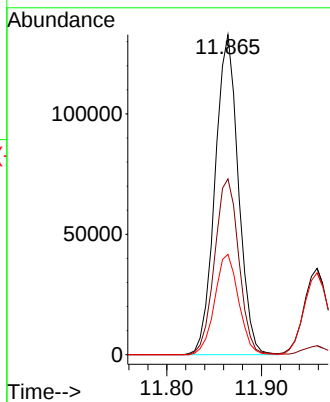
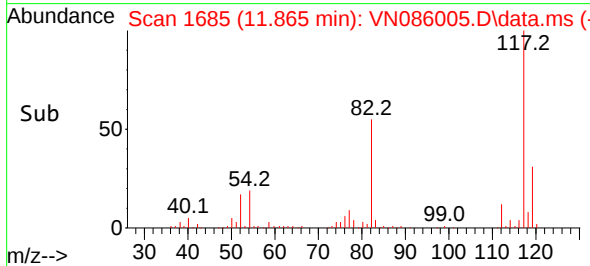
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



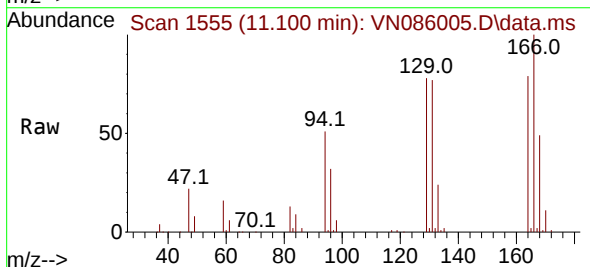
Tgt Ion:117 Resp: 227940
Ion Ratio Lower Upper
117 100
82 55.0 46.7 70.1
119 31.4 26.5 39.7

Manual Integrations
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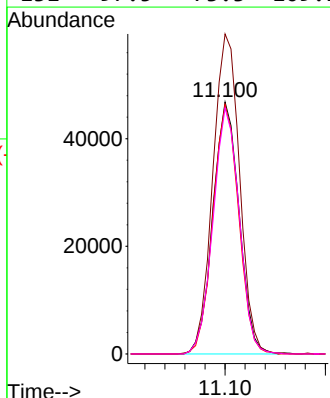
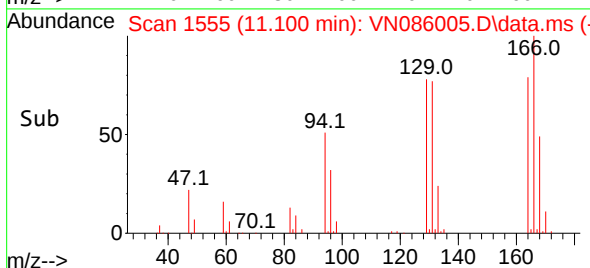
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

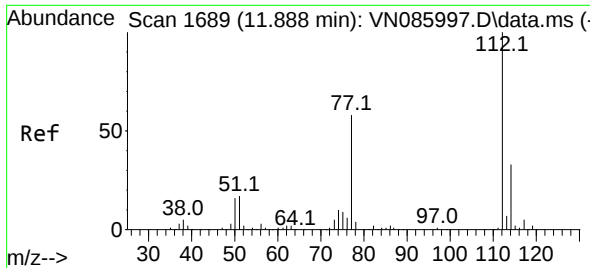


#64
Tetrachloroethene
Concen: 46.898 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



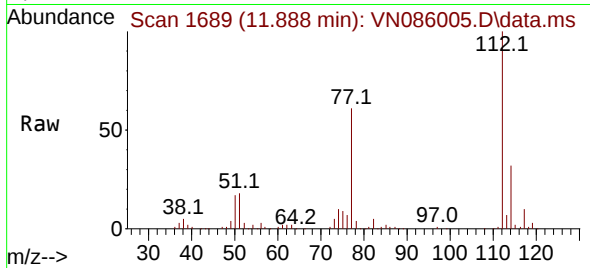
Tgt Ion:164 Resp: 85277
Ion Ratio Lower Upper
164 100
166 127.0 103.7 155.5
129 99.0 77.1 115.7
131 97.5 73.3 109.9





#65
Chlorobenzene
Concen: 47.840 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

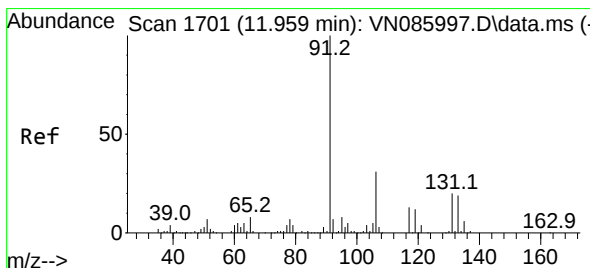
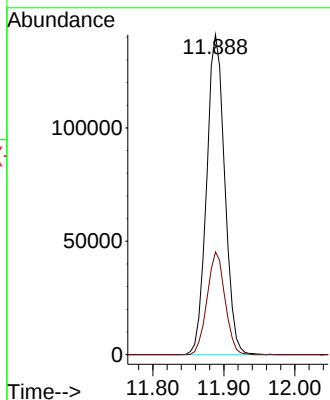
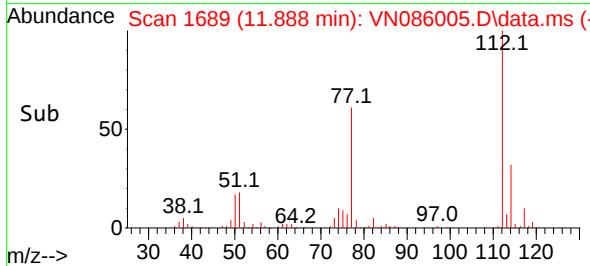
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



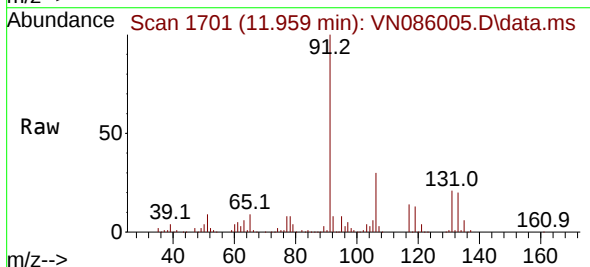
Tgt Ion:112 Resp: 249534
Ion Ratio Lower Upper
112 100
114 32.1 26.3 39.5

Manual Integrations
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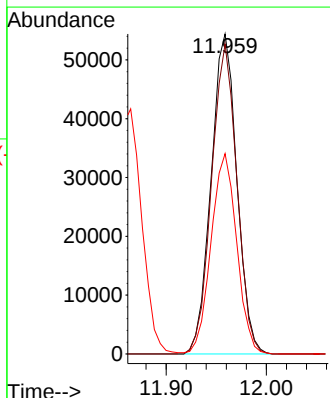
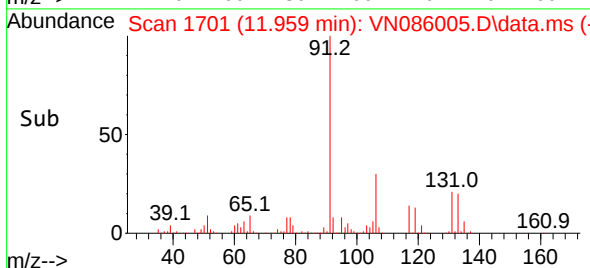
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.976 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion:131 Resp: 96902
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 62.3 31.4 94.0





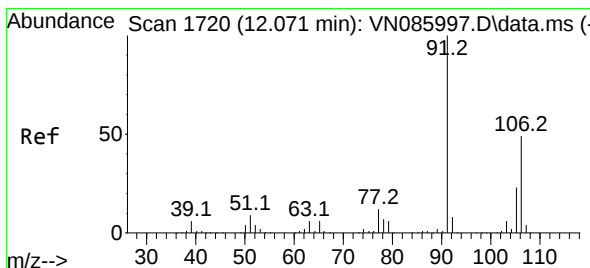
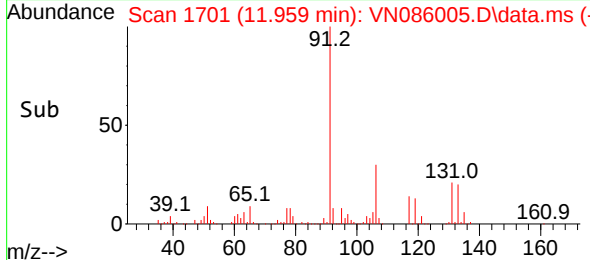
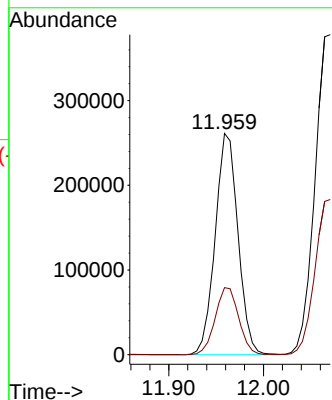
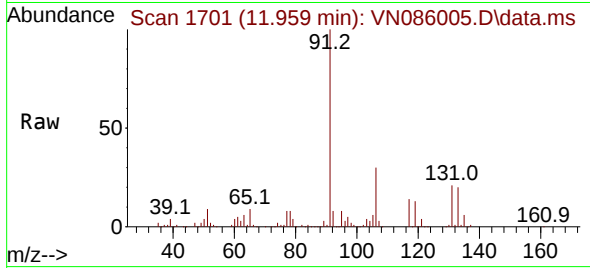
#67
Ethyl Benzene
Concen: 52.376 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43701
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

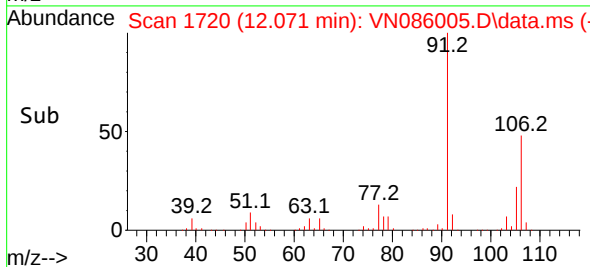
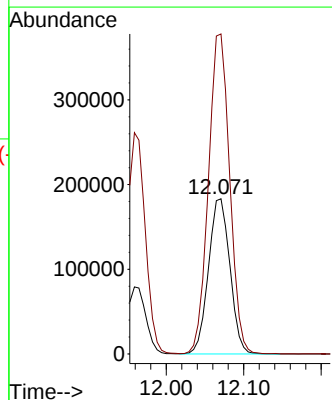
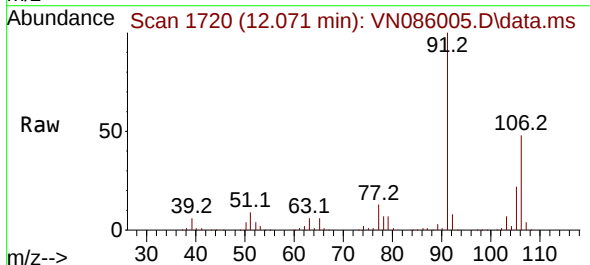
Manual Integrations
APPROVED

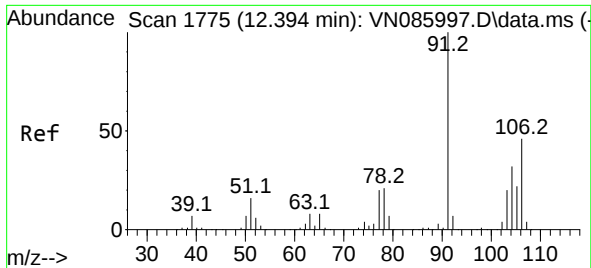
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#68
m/p-Xylenes
Concen: 107.332 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion:106 Resp: 351991
Ion Ratio Lower Upper
106 100
91 205.1 163.9 245.9





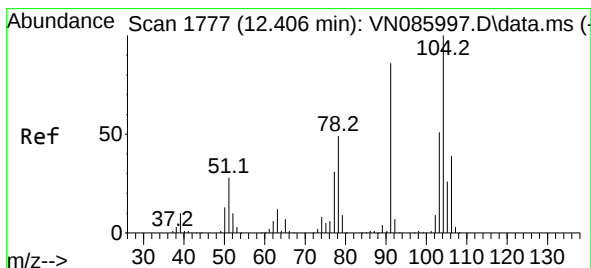
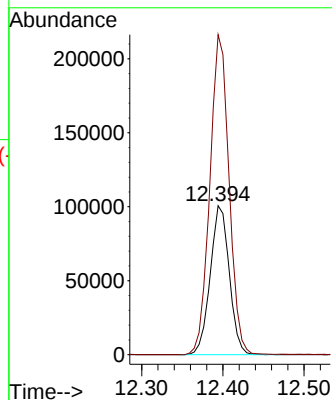
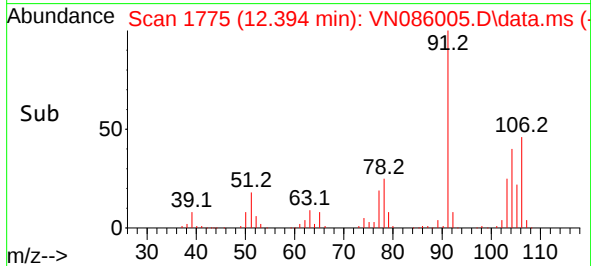
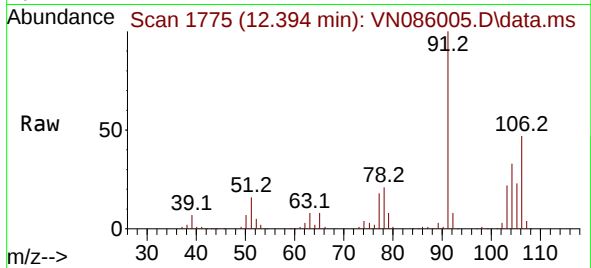
#69
o-Xylene
Concen: 54.478 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 163972
Ion Ratio Lower Upper
106 100
91 216.7 109.1 327.2

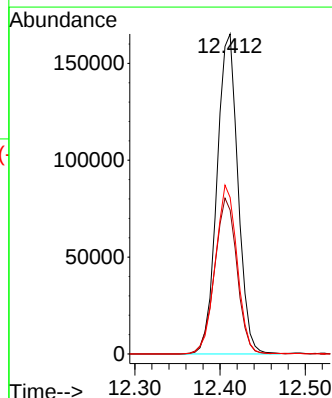
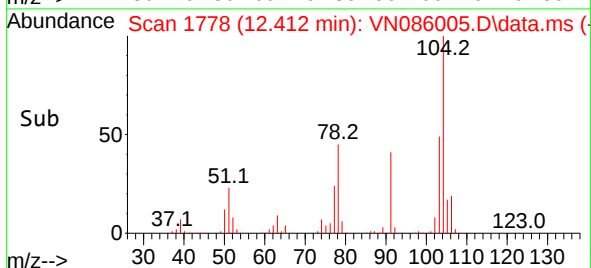
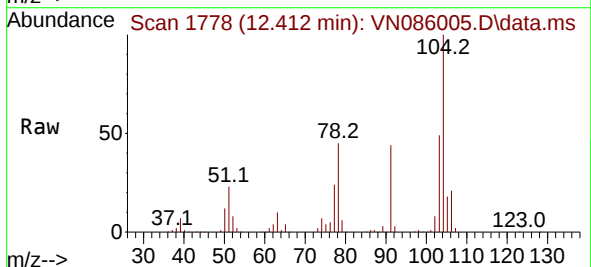
Manual Integrations
APPROVED

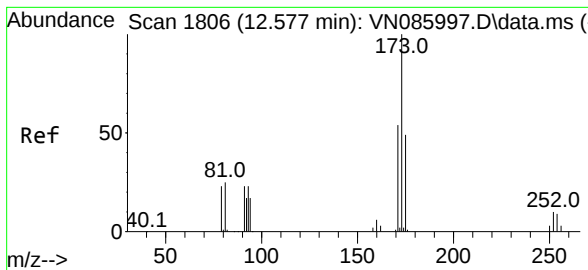
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#70
Styrene
Concen: 54.980 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion:104 Resp: 282653
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.2
103 54.8 42.9 64.3





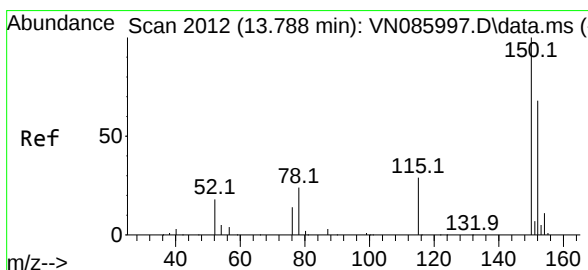
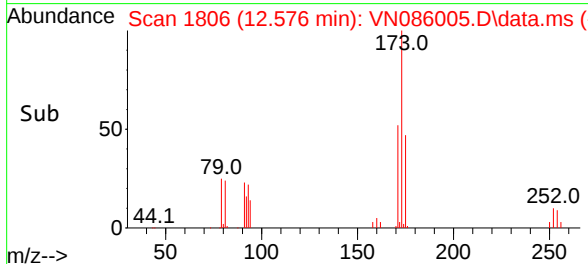
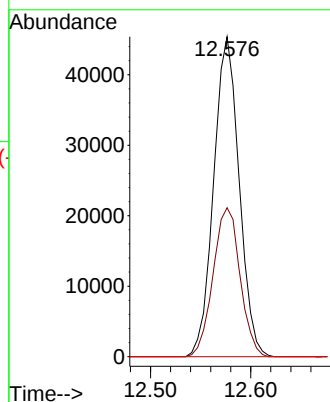
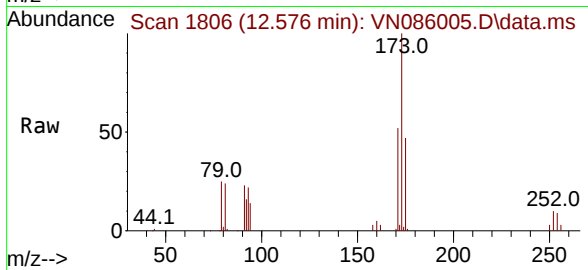
#71
Bromoform
Concen: 49.376 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 8003
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

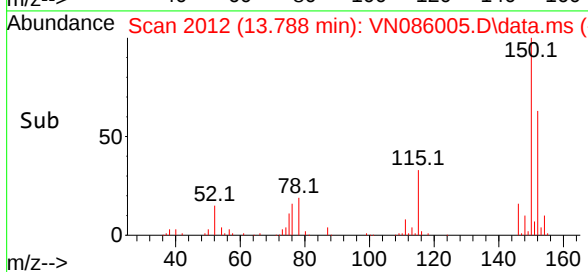
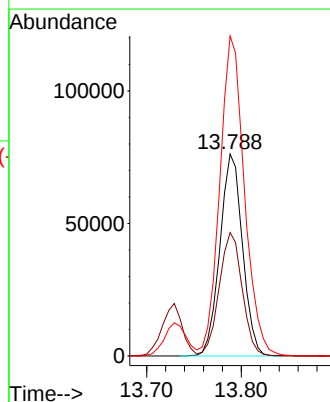
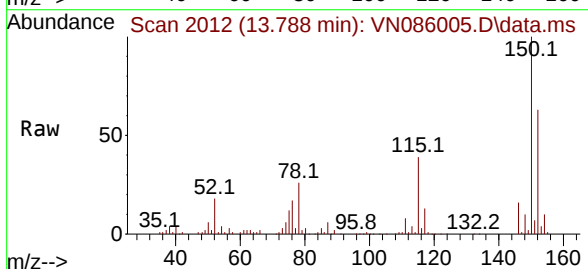
Manual Integrations
APPROVED

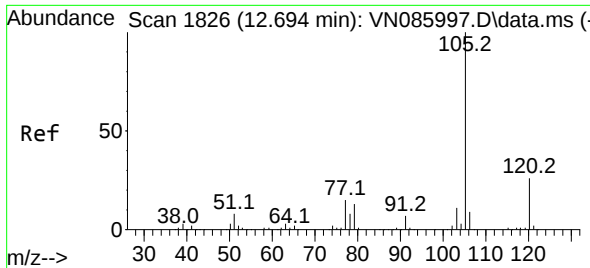
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

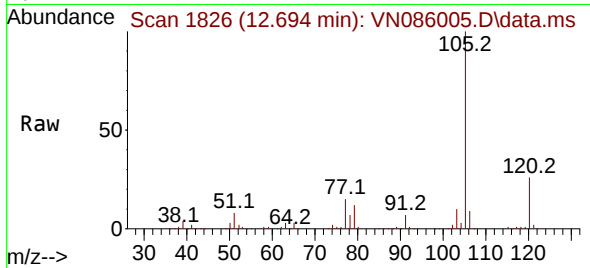
Tgt Ion:152 Resp: 126380
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.2
150 172.7 0.0 359.6





#73
Isopropylbenzene
Concen: 48.357 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

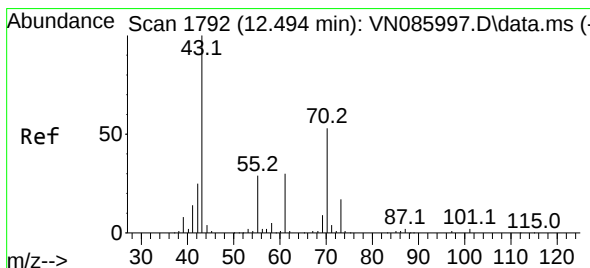
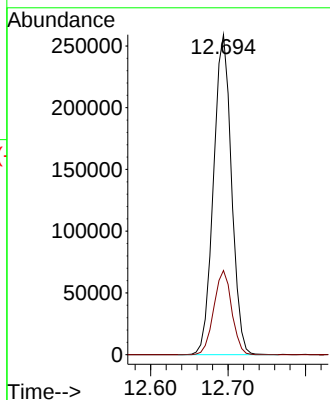
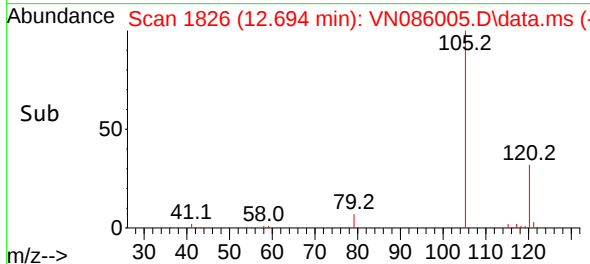
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 41733
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

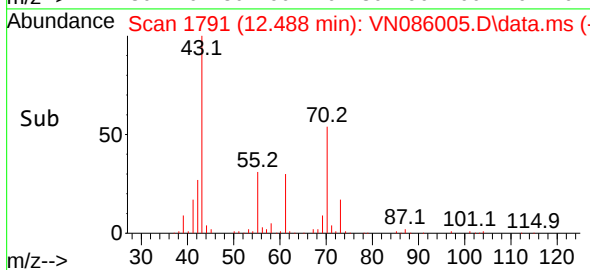
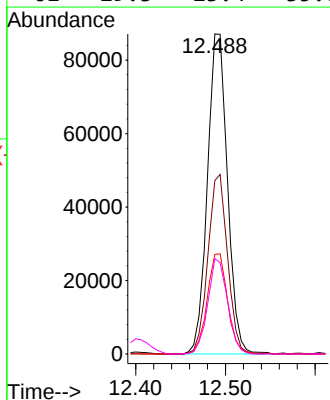
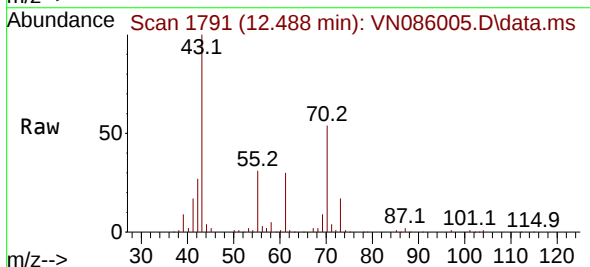
Manual Integrations
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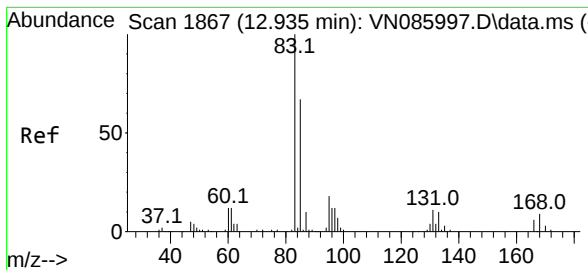
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#74
N-ethyl acetate
Concen: 46.910 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

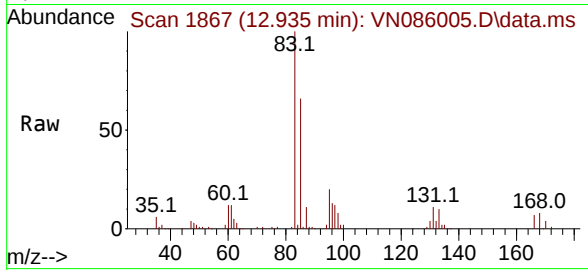
Tgt Ion: 43 Resp: 135448
Ion Ratio Lower Upper
43 100
70 54.9 43.0 64.4
55 31.7 23.8 35.8
61 29.3 23.4 35.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.200 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

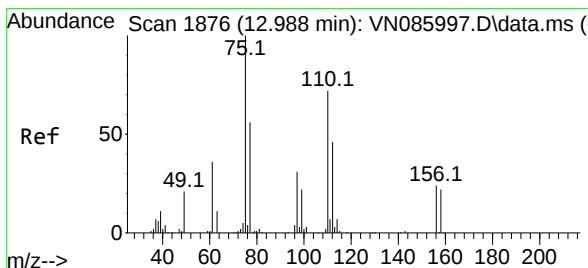
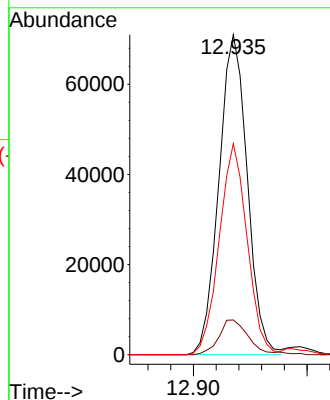
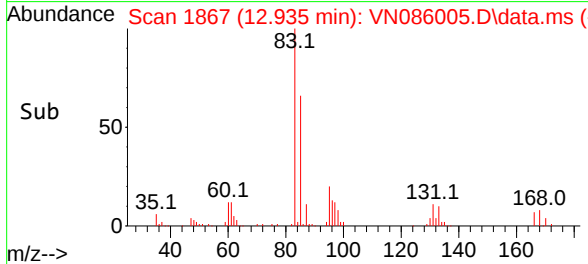
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



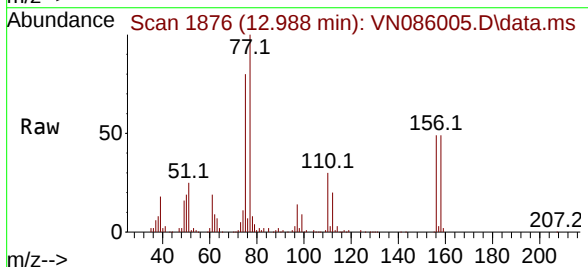
Tgt Ion: 83 Resp: 123214
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.5 16.5
 85 64.8 32.6 97.8

Manual Integrations
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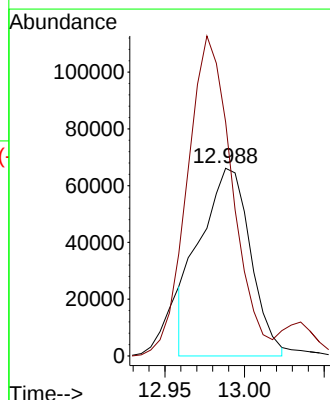
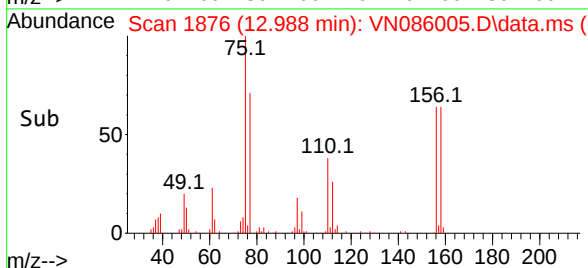
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025

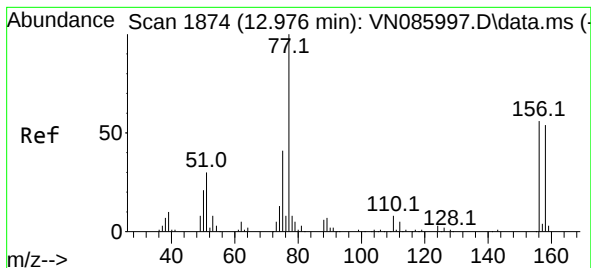


#76
 1,2,3-Trichloropropane
 Concen: 51.438 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18



Tgt Ion: 75 Resp: 145538
 Ion Ratio Lower Upper
 75 100
 77 152.6 83.7 251.0





#77

Bromobenzene

Concen: 45.257 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

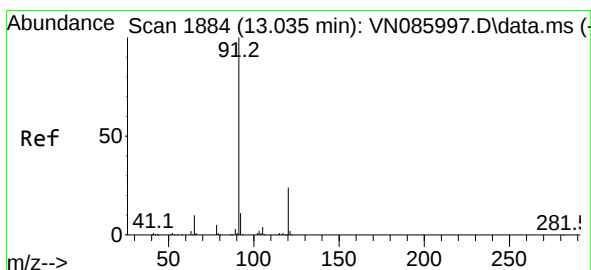
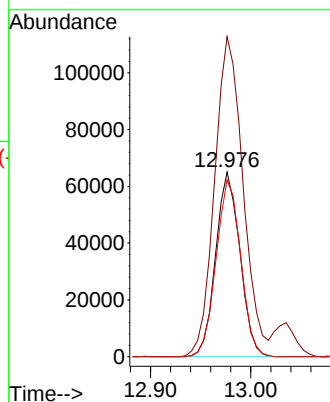
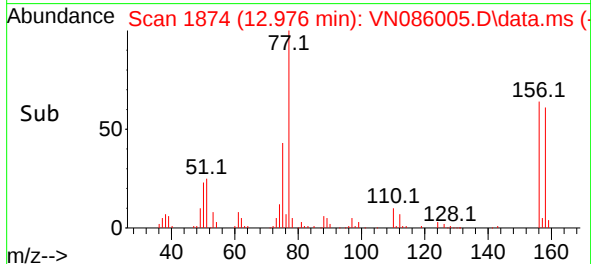
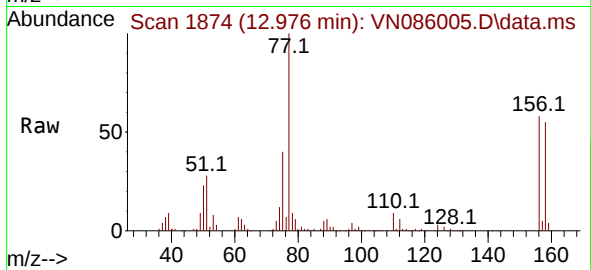
Tgt Ion:156 Resp: 108909
 Ion Ratio Lower Upper
 156 100
 77 203.9 104.1 312.3
 158 97.3 49.0 147.0

Manual Integrations

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Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#78

n-propylbenzene

Concen: 49.967 ug/l

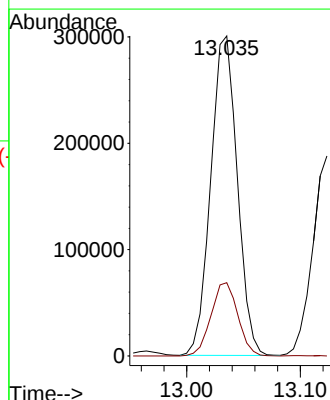
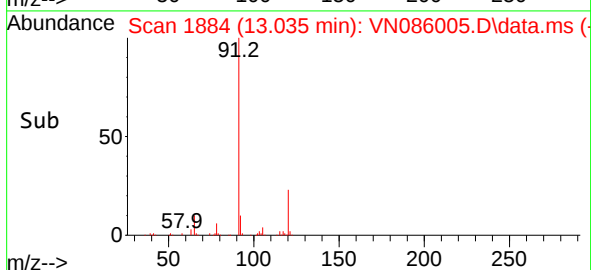
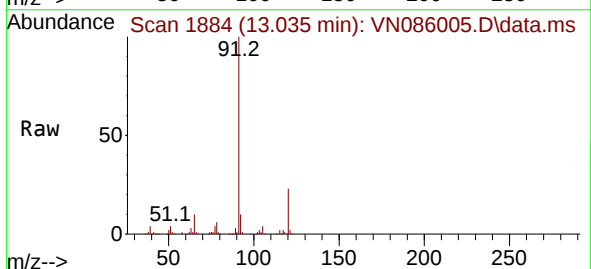
RT: 13.035 min Scan# 1884

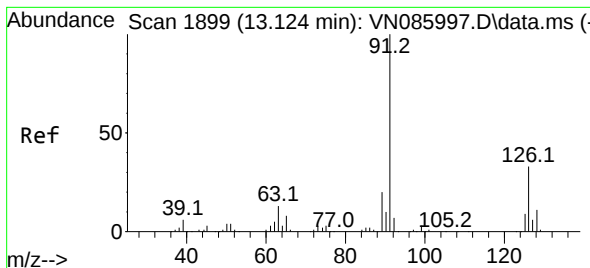
Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Tgt Ion: 91 Resp: 488311
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.7 35.0





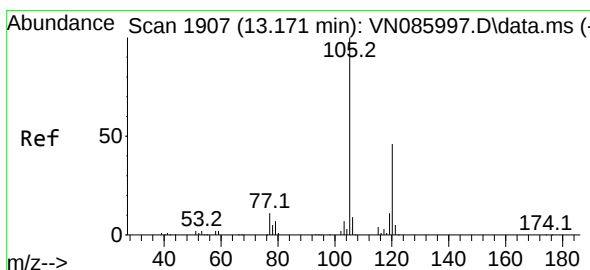
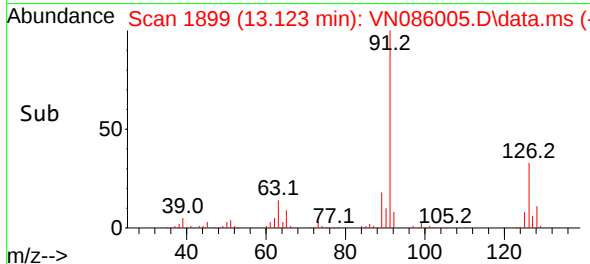
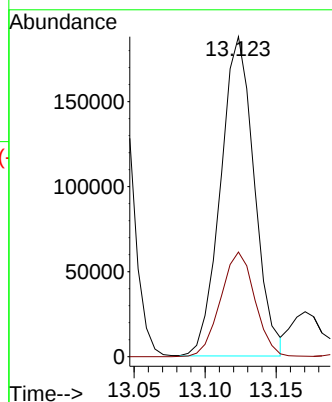
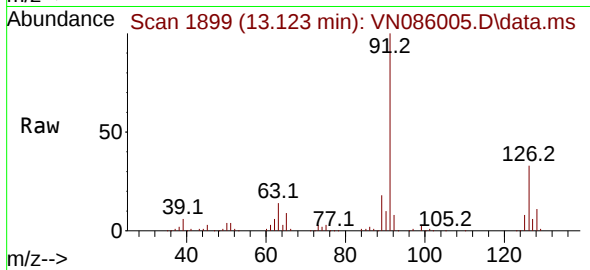
#79
2-Chlorotoluene
Concen: 47.811 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 310349
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.2

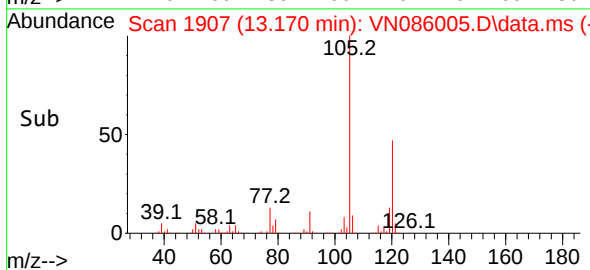
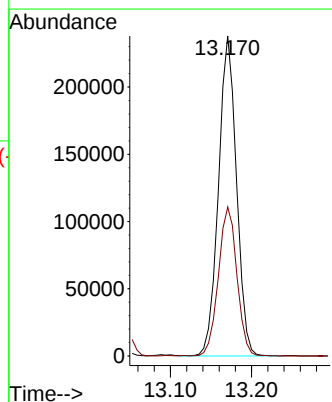
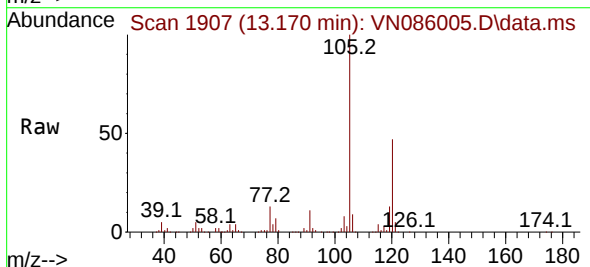
Manual Integrations
APPROVED

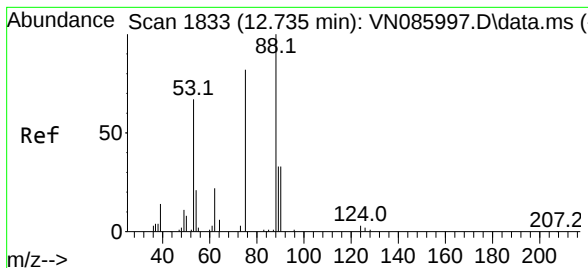
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.384 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

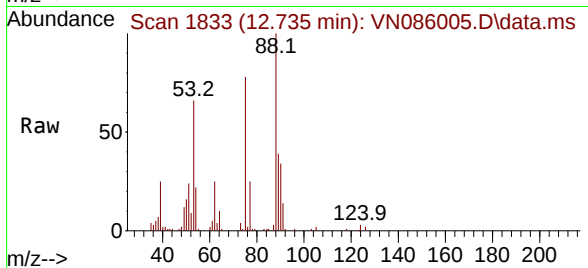
Tgt Ion:105 Resp: 367122
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 40.270 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

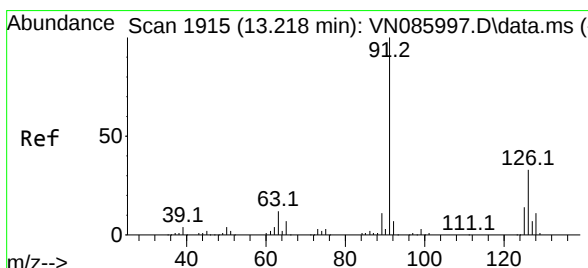
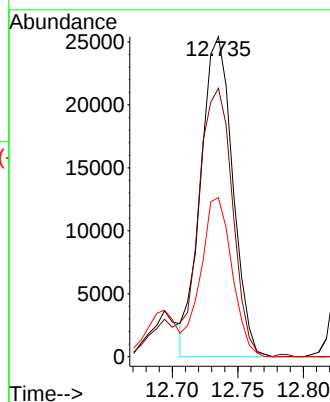
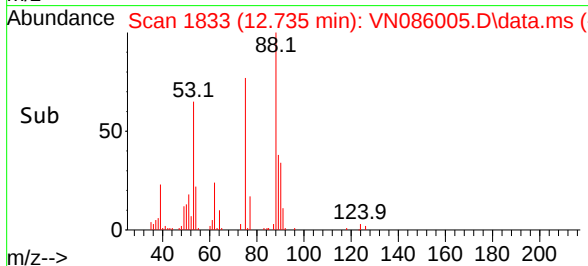
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 43097
Ion Ratio Lower Upper
75 100
53 98.3 66.0 99.0
89 48.9 36.9 55.3

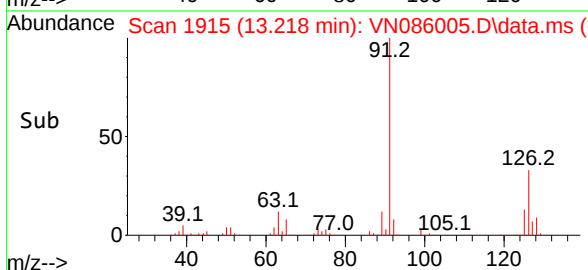
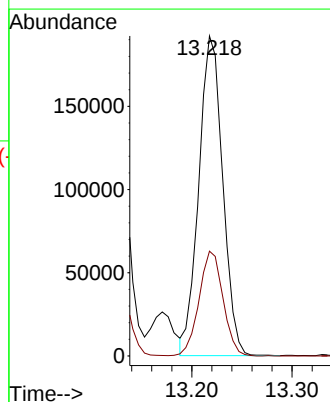
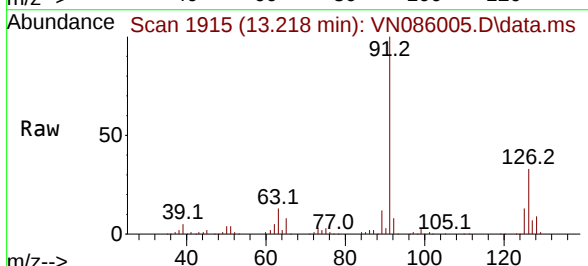
Manual Integrations
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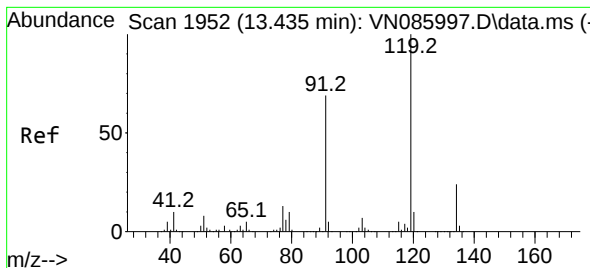
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#82
4-Chlorotoluene
Concen: 47.736 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 91 Resp: 318643
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2





#83

tert-Butylbenzene

Concen: 47.347 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 295050

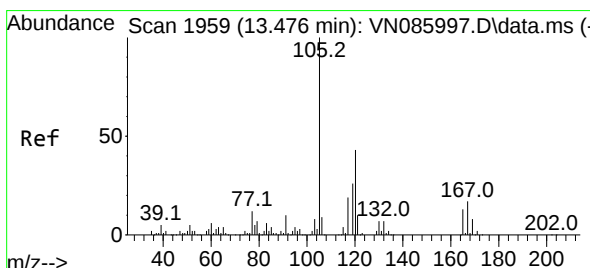
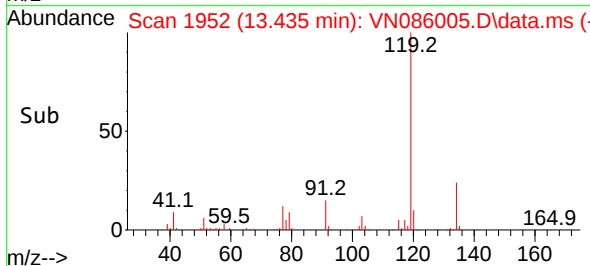
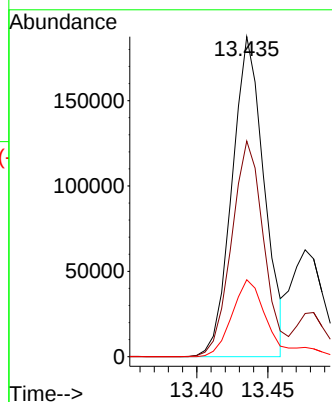
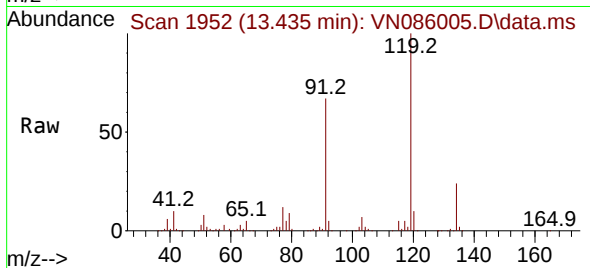
Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.3	102.9
134	27.2	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.705 ug/l

RT: 13.482 min Scan# 1960

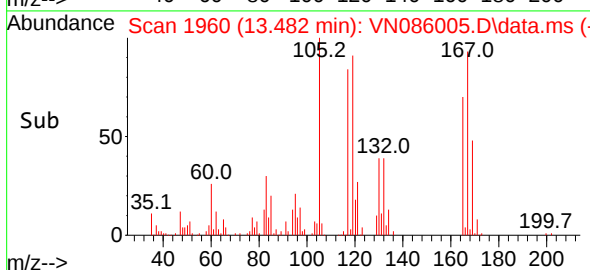
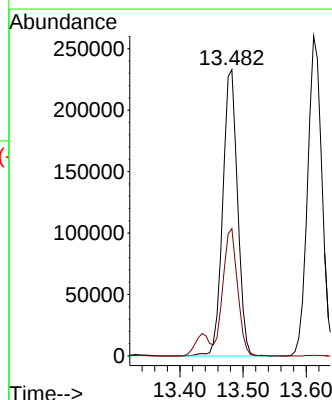
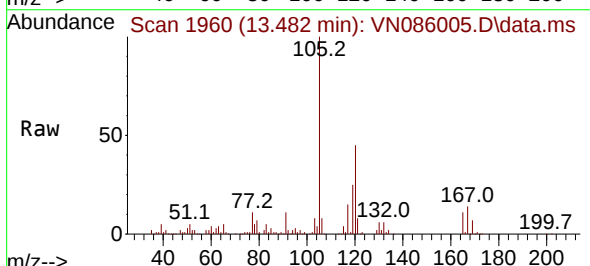
Delta R.T. 0.006 min

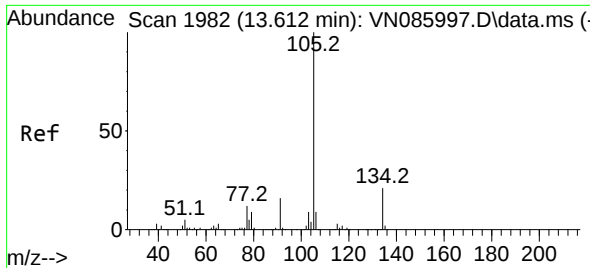
Lab File: VN086005.D

Acq: 19 Mar 2025 13:18

Tgt Ion:105 Resp: 379991

Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.9	65.8





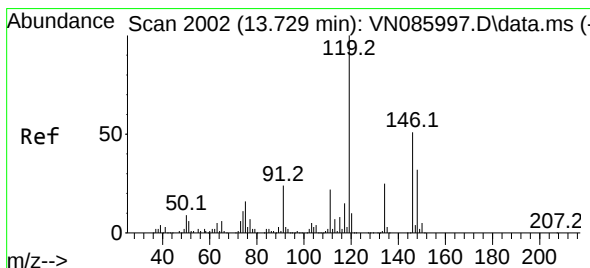
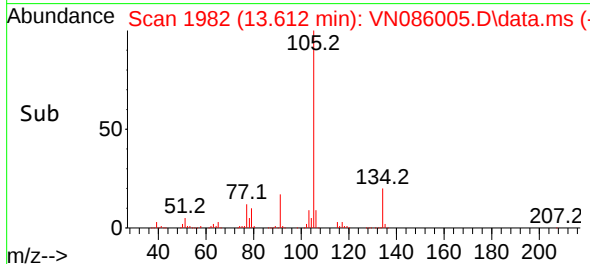
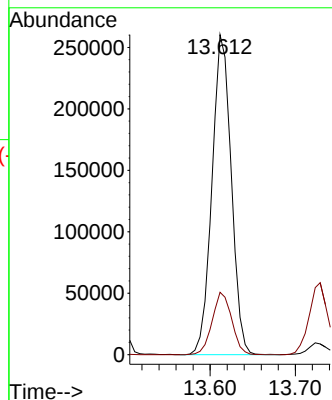
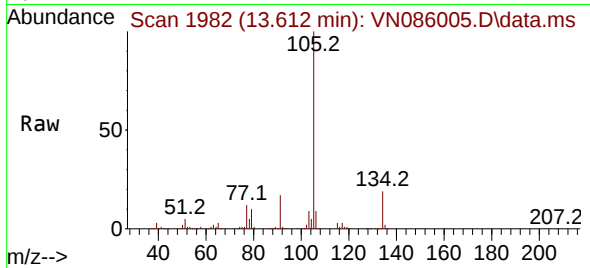
#85
 sec-Butylbenzene
 Concen: 50.279 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 408752
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

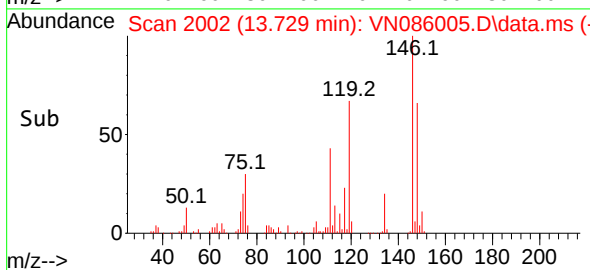
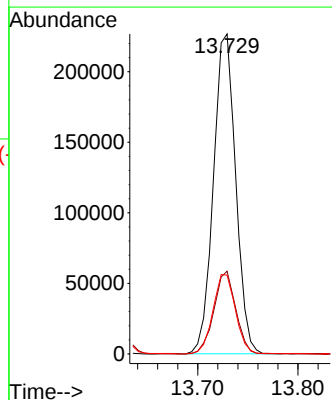
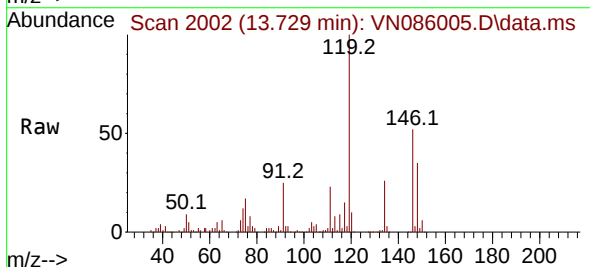
Manual Integrations
 APPROVED

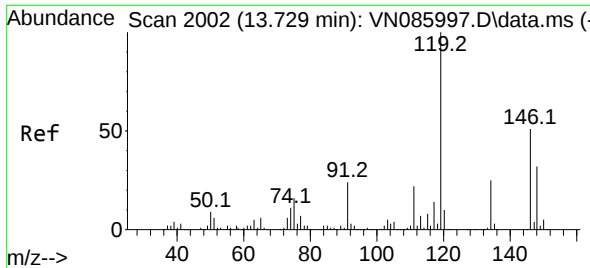
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#86
 p-Isopropyltoluene
 Concen: 50.717 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086005.D
 Acq: 19 Mar 2025 13:18

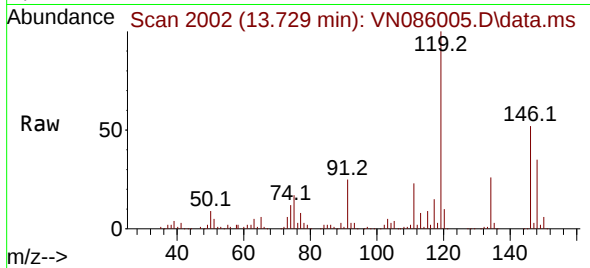
Tgt Ion:119 Resp: 349026
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.3 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 46.992 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

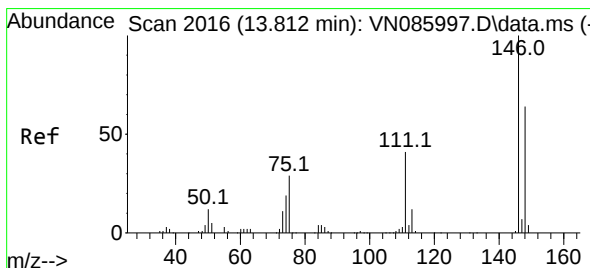
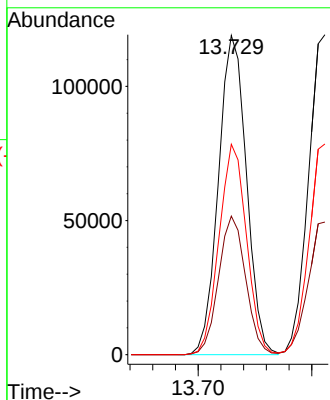
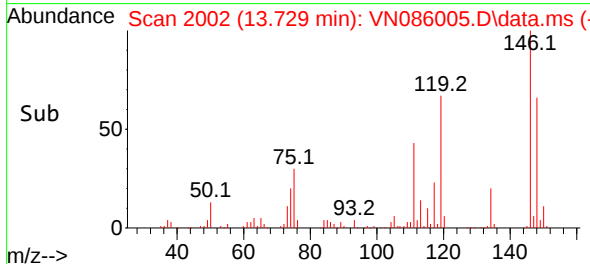
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



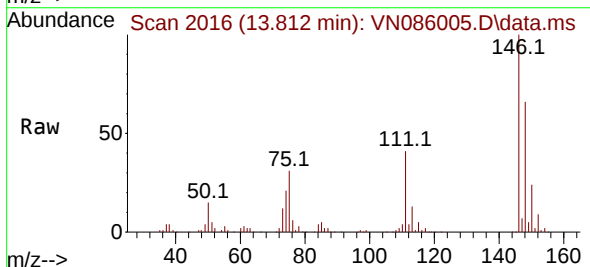
Tgt Ion:146 Resp: 203830
Ion Ratio Lower Upper
146 100
111 42.1 21.2 63.6
148 64.7 31.8 95.4

Manual Integrations
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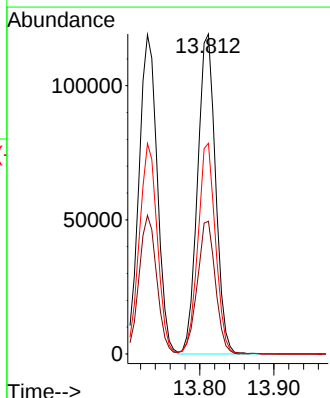
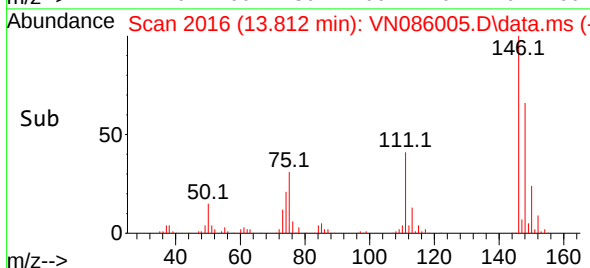
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

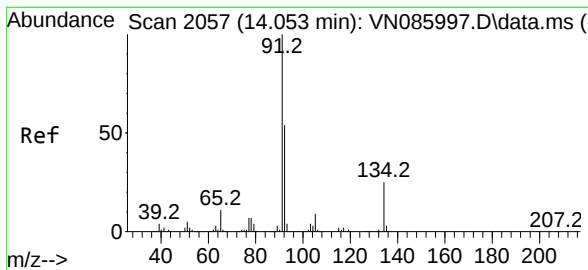


#88
1,4-Dichlorobenzene
Concen: 44.163 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



Tgt Ion:146 Resp: 201269
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 64.3 32.1 96.5





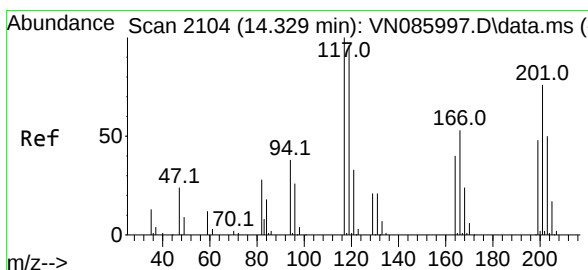
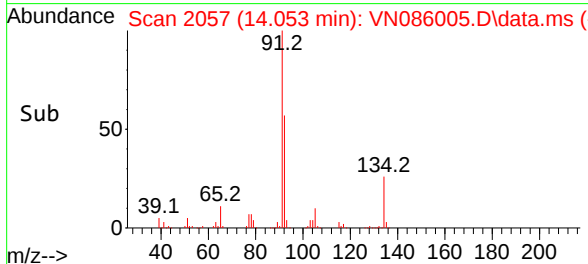
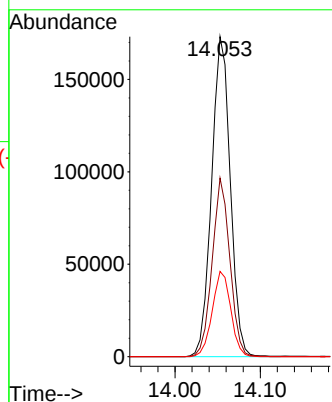
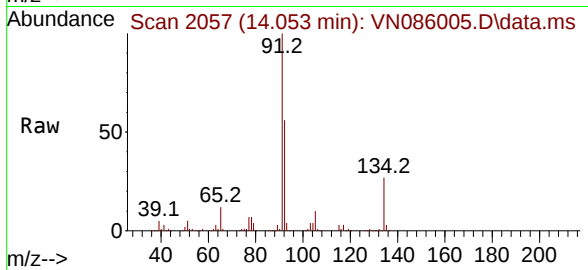
#89
n-Butylbenzene
Concen: 47.048 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26366
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.6
134 26.4 13.0 39.0

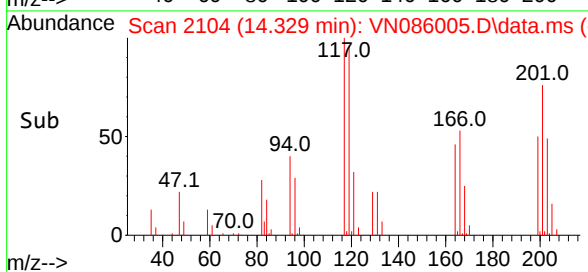
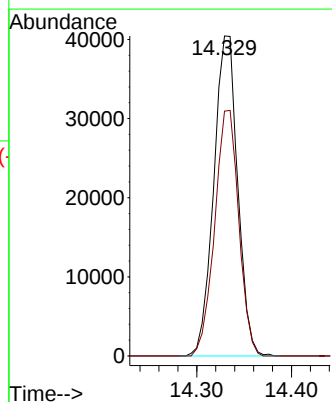
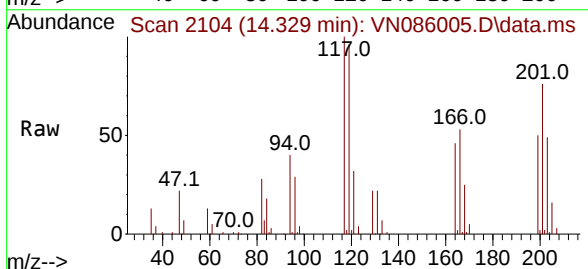
Manual Integrations
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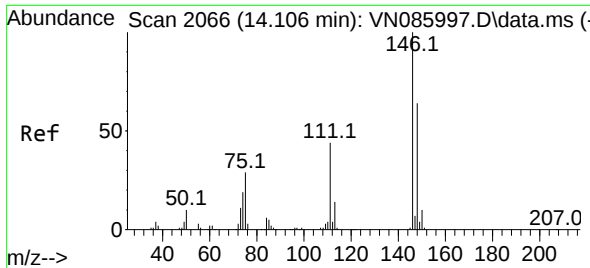
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#90
Hexachloroethane
Concen: 44.724 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion:117 Resp: 71019
Ion Ratio Lower Upper
117 100
201 77.1 39.1 117.3





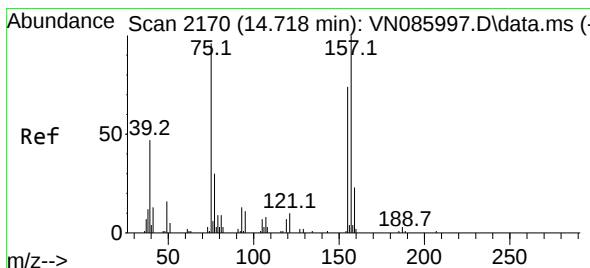
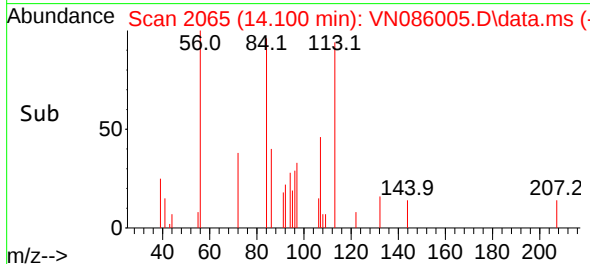
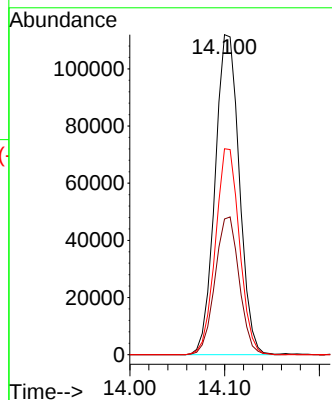
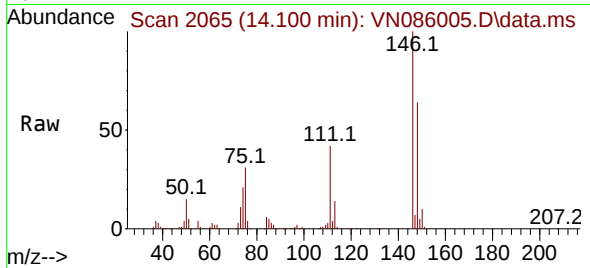
#91
1,2-Dichlorobenzene
Concen: 46.251 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 199438
Ion Ratio Lower Upper
146 100
111 42.9 22.3 66.8
148 63.8 32.1 96.5

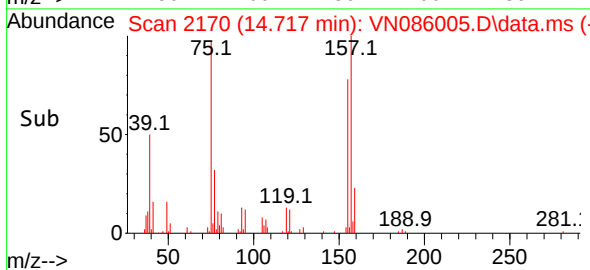
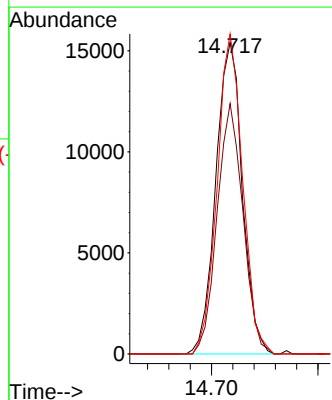
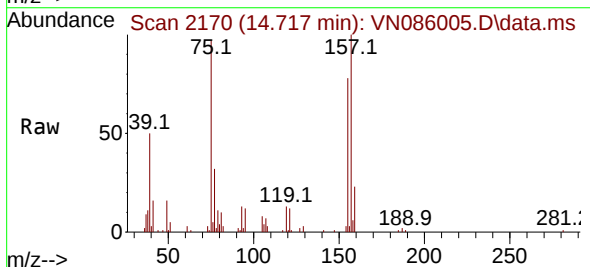
Manual Integrations
APPROVED

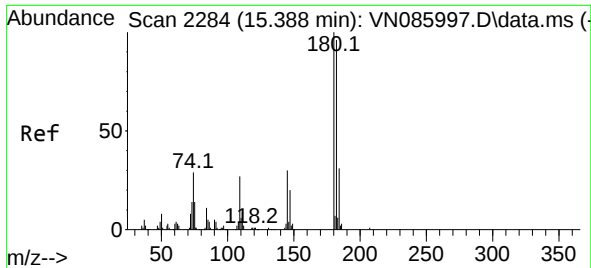
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.614 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

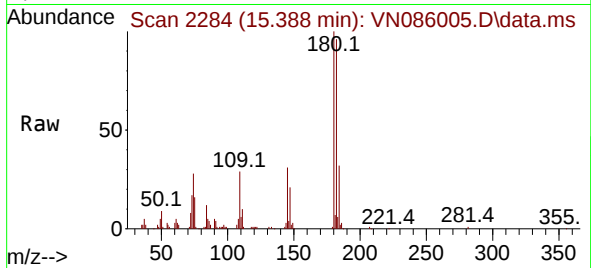
Tgt Ion: 75 Resp: 26585
Ion Ratio Lower Upper
75 100
155 78.4 41.0 123.0
157 98.8 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 43.286 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

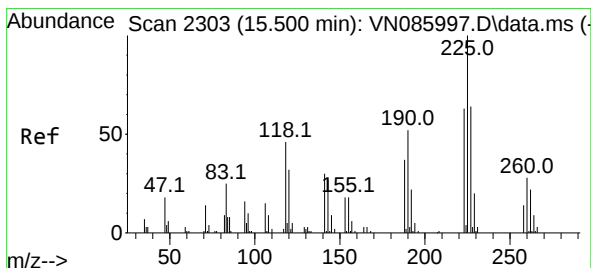
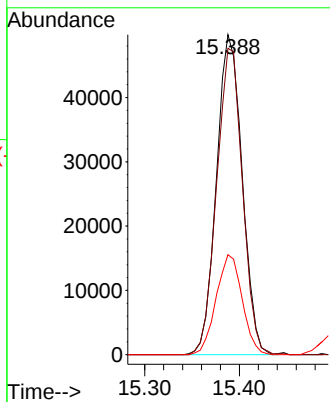
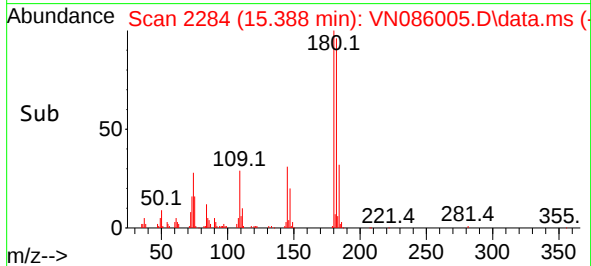
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



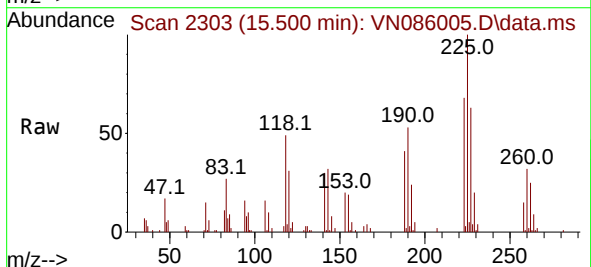
Tgt Ion:180 Resp: 93852
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 31.7 15.5 46.5

Manual Integrations
APPROVED

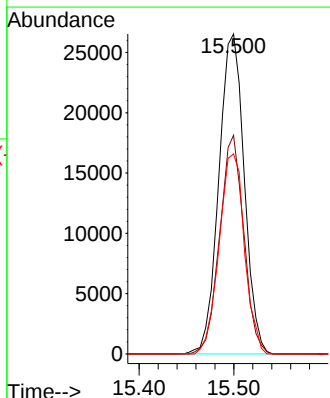
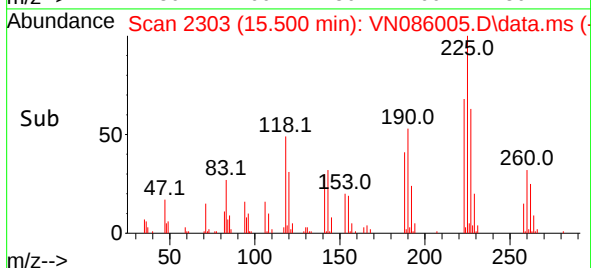
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

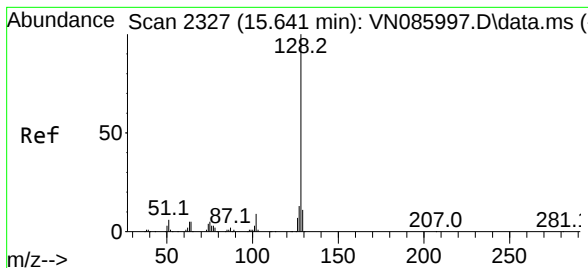


#94
Hexachlorobutadiene
Concen: 39.267 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18



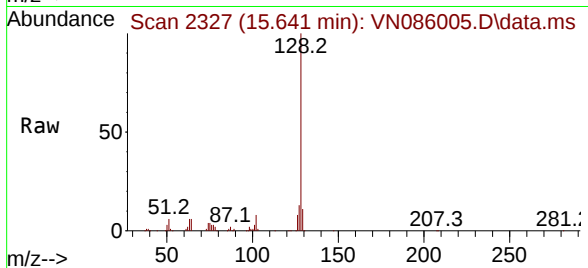
Tgt Ion:225 Resp: 49394
Ion Ratio Lower Upper
225 100
223 64.7 31.3 93.9
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 43.145 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

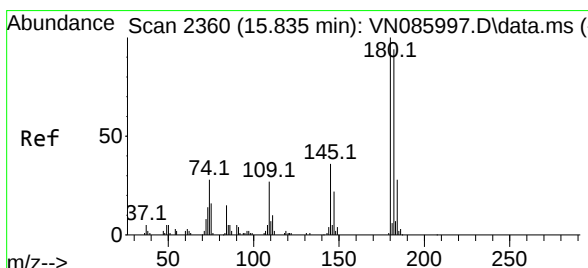
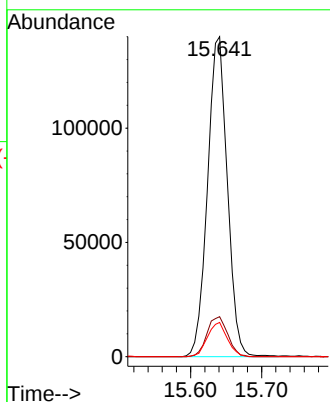
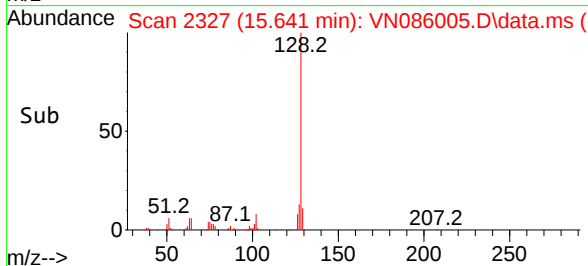
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 27087
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.858 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086005.D
Acq: 19 Mar 2025 13:18

Tgt Ion:180 Resp: 92289
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 34.3 17.7 53.1

