

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085643.D
 Acq On : 03 Feb 2025 23:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 04 01:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157165	53.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.940%			
35) Dibromofluoromethane	8.159	113	127367	55.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.560%			
50) Toluene-d8	10.565	98	453094	55.844	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.680%			
62) 4-Bromofluorobenzene	12.847	95	156490	56.384	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	92871	38.025	ug/l	98
3) Chloromethane	2.359	50	101573	38.410	ug/l	98
4) Vinyl Chloride	2.512	62	124029	46.662	ug/l	98
5) Bromomethane	2.948	94	81115	50.521	ug/l	91
6) Chloroethane	3.112	64	92317	54.782	ug/l	99
7) Trichlorofluoromethane	3.495	101	195945	50.806	ug/l	99
8) Diethyl Ether	3.959	74	80018	60.057	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	106454	49.006	ug/l	96
10) Methyl Iodide	4.589	142	135827	54.601	ug/l	94
11) Tert butyl alcohol	5.518	59	93071	279.138	ug/l	99
12) 1,1-Dichloroethene	4.336	96	103592	53.509	ug/l	92
13) Acrolein	4.177	56	112173	246.452	ug/l	99
14) Allyl chloride	5.024	41	134068	42.677	ug/l #	94
15) Acrylonitrile	5.718	53	303566	286.638	ug/l	99
16) Acetone	4.424	43	236690	251.575	ug/l	94
17) Carbon Disulfide	4.712	76	218969	36.735	ug/l	97
18) Methyl Acetate	5.024	43	168972	59.062	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	381388	60.670	ug/l	96
20) Methylene Chloride	5.277	84	124287	53.362	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	103917	50.226	ug/l	96
22) Diisopropyl ether	6.671	45	374620	53.727	ug/l	96
23) Vinyl Acetate	6.600	43	1292887	264.952	ug/l	95
24) 1,1-Dichloroethane	6.565	63	223644	52.602	ug/l	96
25) 2-Butanone	7.477	43	380877	275.096	ug/l	92
26) 2,2-Dichloropropane	7.488	77	167490	48.725	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	139749	57.347	ug/l	91
28) Bromochloromethane	7.812	49	86537	43.749	ug/l	88
29) Tetrahydrofuran	7.835	42	247618	282.092	ug/l	90
30) Chloroform	7.959	83	240069	54.633	ug/l	99
31) Cyclohexane	8.253	56	144338	39.059	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	196316	50.932	ug/l	96
36) 1,1-Dichloropropene	8.365	75	144091	44.959	ug/l	99
37) Ethyl Acetate	7.559	43	153469	47.441	ug/l	97
38) Carbon Tetrachloride	8.359	117	166713	45.436	ug/l	98
39) Methylcyclohexane	9.600	83	128777	42.759	ug/l	95
40) Benzene	8.600	78	487237	50.597	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	84176	50.015	ug/l	93
42) 1,2-Dichloroethane	8.671	62	173783	47.915	ug/l	98
43) Isopropyl Acetate	8.682	43	283370	54.668	ug/l	98
44) Trichloroethene	9.353	130	108446	48.379	ug/l	99
45) 1,2-Dichloropropane	9.618	63	127727	51.927	ug/l	99
46) Dibromomethane	9.706	93	90617	51.056	ug/l	98
47) Bromodichloromethane	9.882	83	192335	53.191	ug/l	99
48) Methyl methacrylate	9.677	41	118589	50.838	ug/l	88
49) 1,4-Dioxane	9.694	88	38996	992.712	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	820575	272.805	ug/l	94
52) Toluene	10.629	92	299637	53.701	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	185134	54.178	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	195311	53.509	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	126031	57.075	ug/l	99
56) Ethyl methacrylate	10.871	69	195356	52.421	ug/l	91
57) 1,3-Dichloropropane	11.159	76	214036	55.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	340283	242.835	ug/l	97
59) 2-Hexanone	11.194	43	595546	281.387	ug/l	93
60) Dibromochloromethane	11.353	129	147609	55.370	ug/l	99
61) 1,2-Dibromoethane	11.465	107	122216	55.603	ug/l	97
64) Tetrachloroethene	11.100	164	90612	44.514	ug/l	97
65) Chlorobenzene	11.888	112	331765	50.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	124835	51.999	ug/l	99
67) Ethyl Benzene	11.959	91	554358	52.034	ug/l	98
68) m/p-Xylenes	12.070	106	427818	108.654	ug/l	95
69) o-Xylene	12.394	106	209900	55.782	ug/l	95
70) Styrene	12.406	104	361326	58.021	ug/l	97
71) Bromoform	12.576	173	95924	55.843	ug/l #	100
73) Isopropylbenzene	12.694	105	517055	54.523	ug/l	98
74) N-amyl acetate	12.494	43	226402	53.115	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	185780	55.459	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	145104m	50.808	ug/l	
77) Bromobenzene	12.976	156	130407	52.634	ug/l	96
78) n-propylbenzene	13.035	91	599962	53.441	ug/l	99
79) 2-Chlorotoluene	13.123	91	379285	52.202	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	430214	54.922	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	67570	64.013	ug/l #	75
82) 4-Chlorotoluene	13.217	91	375763	51.941	ug/l	98
83) tert-Butylbenzene	13.435	119	360515	54.805	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	441526	56.554	ug/l	98
85) sec-Butylbenzene	13.612	105	498199	54.645	ug/l	99
86) p-Isopropyltoluene	13.729	119	410532	50.005	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	238103	52.183	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	235901	49.879	ug/l	98
89) n-Butylbenzene	14.053	91	341993	52.287	ug/l	98
90) Hexachloroethane	14.329	117	83177	47.923	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	238526	52.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33135	54.168	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	110279	52.133	ug/l	99
94) Hexachlorobutadiene	15.494	225	47965	42.710	ug/l	98
95) Naphthalene	15.635	128	384251	60.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	109142	50.992	ug/l	98

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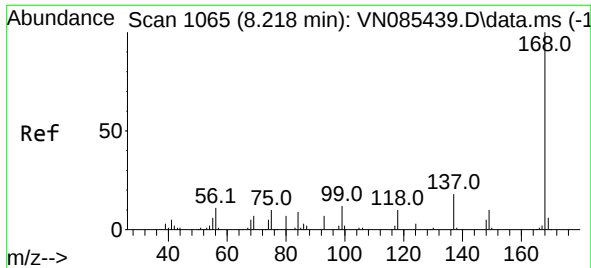
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/04/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

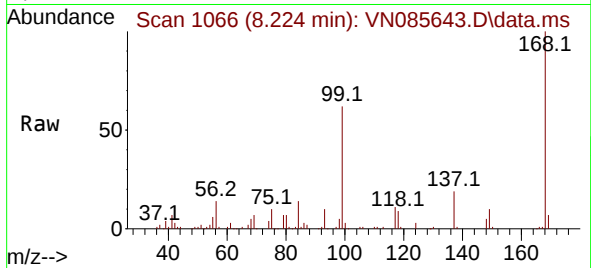
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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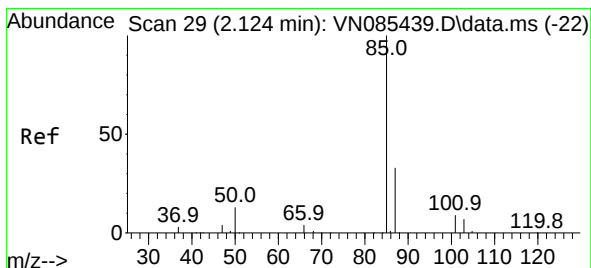
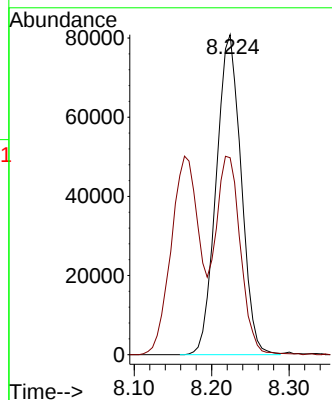
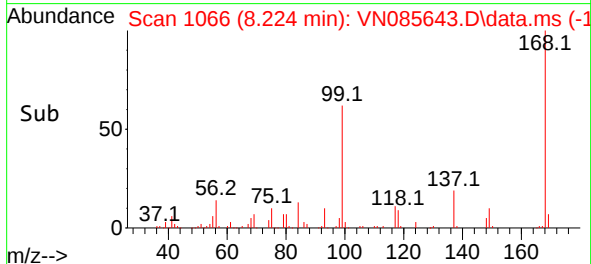
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 18038
Ion Ratio Lower Upper
168 100
99 61.1 53.6 80.4

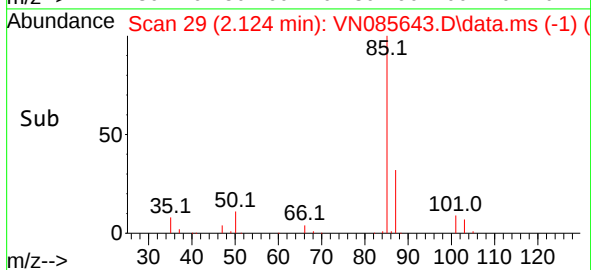
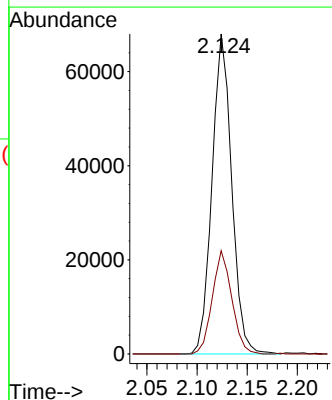
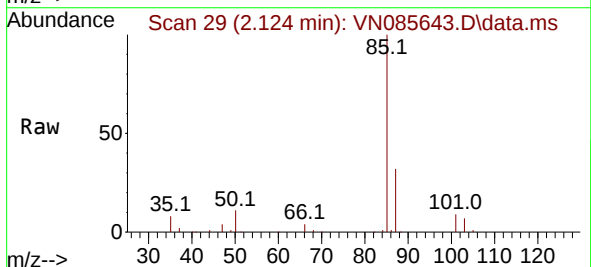
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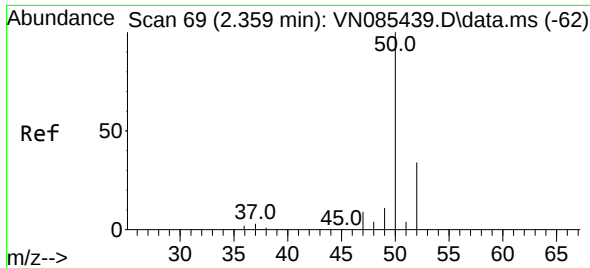
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#2
Dichlorodifluoromethane
Concen: 38.025 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

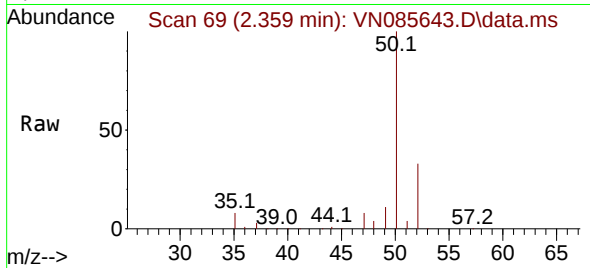
Tgt Ion: 85 Resp: 92871
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 38.410 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

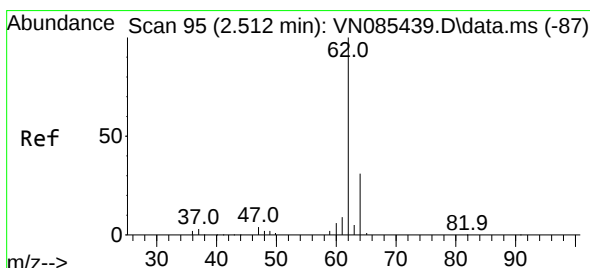
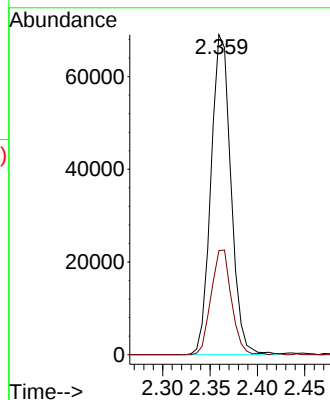
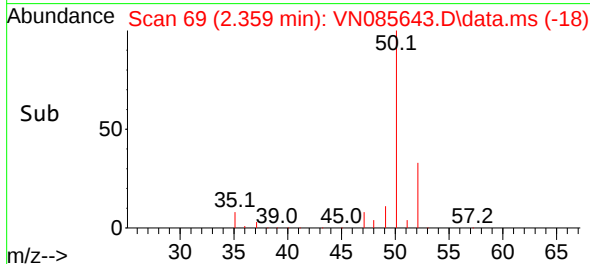
Instrument :
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Tgt Ion: 50 Resp: 10157
Ion Ratio Lower Upper
50 100
52 32.5 27.0 40.6

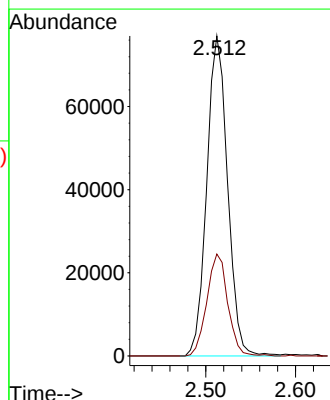
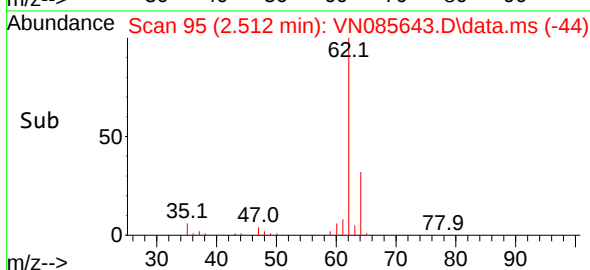
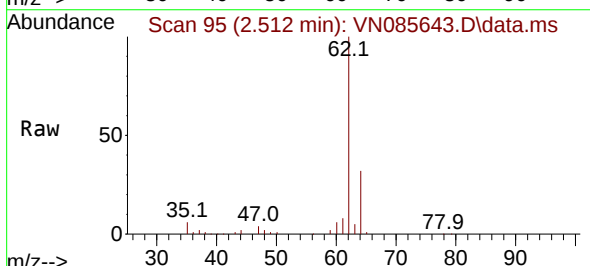
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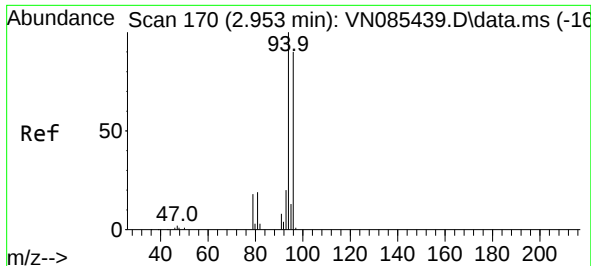
Reviewed By :John Carlone 02/04/2025
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#4
Vinyl Chloride
Concen: 46.662 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085643.D
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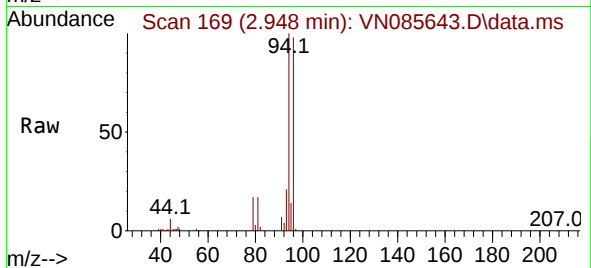
Tgt Ion: 62 Resp: 124029
Ion Ratio Lower Upper
62 100
64 31.9 24.8 37.2





#5
Bromomethane
Concen: 50.521 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085643.D
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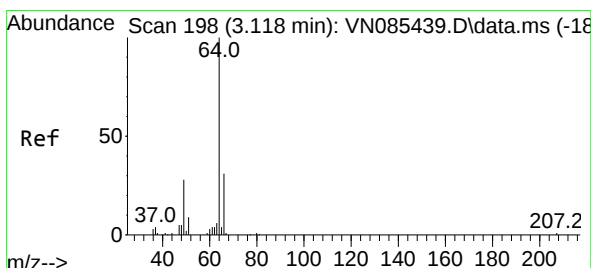
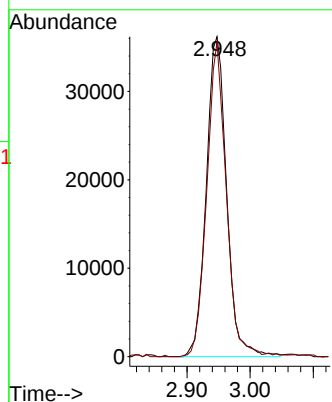
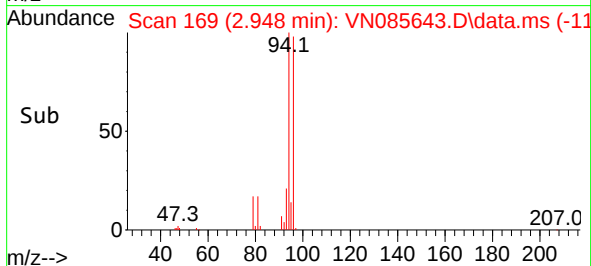
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Tgt Ion: 94 Resp: 8111
Ion Ratio Lower Upper
94 100
96 98.3 71.8 107.6

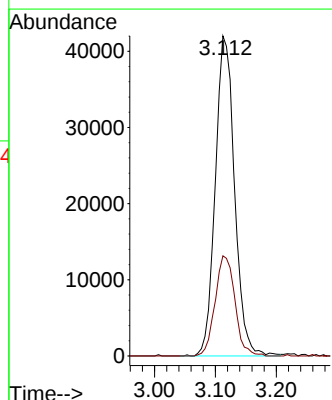
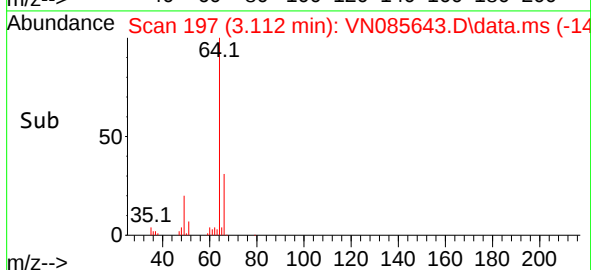
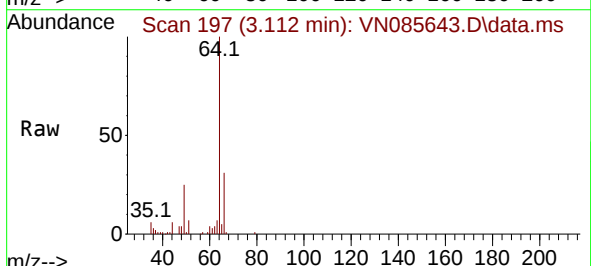
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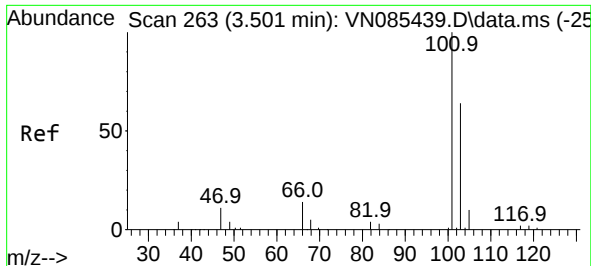
Reviewed By :John Carlone 02/04/2025
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#6
Chloroethane
Concen: 54.782 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085643.D
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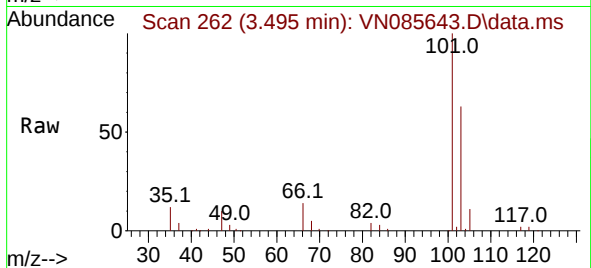
Tgt Ion: 64 Resp: 92317
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





#7
Trichlorofluoromethane
Concen: 50.806 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

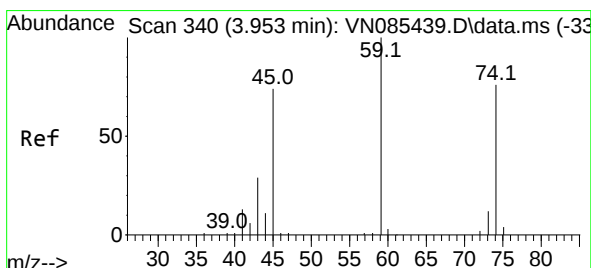
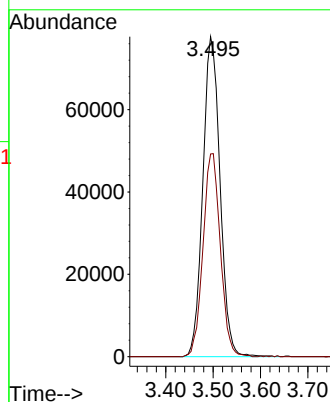
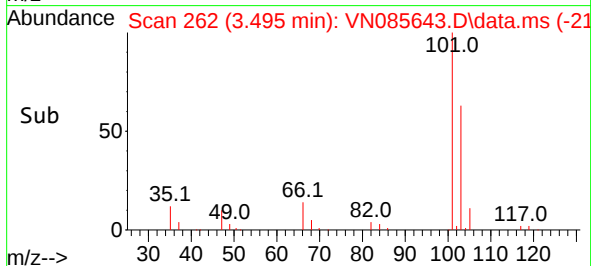
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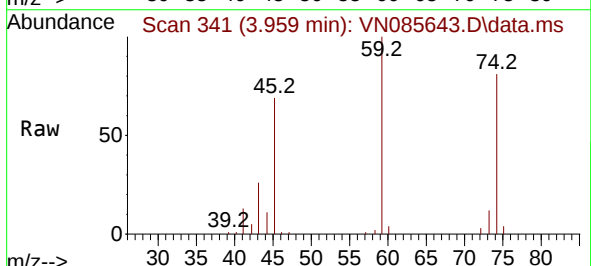
Tgt Ion:101 Resp: 19594
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

Manual Integrations
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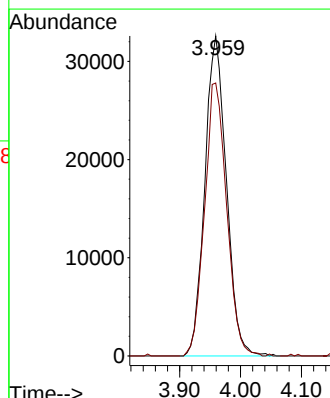
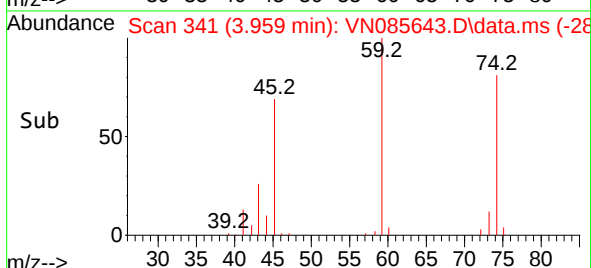
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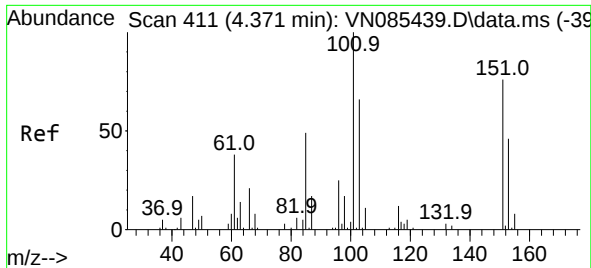


#8
Diethyl Ether
Concen: 60.057 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 80018
Ion Ratio Lower Upper
74 100
45 87.8 49.7 149.1





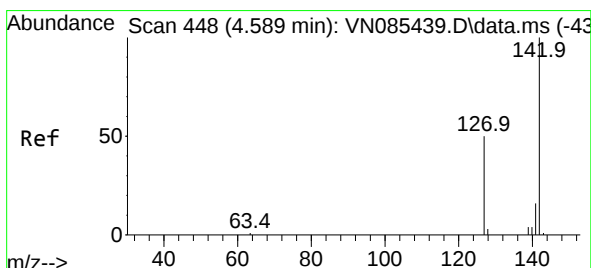
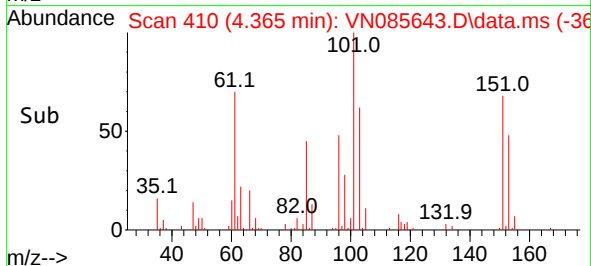
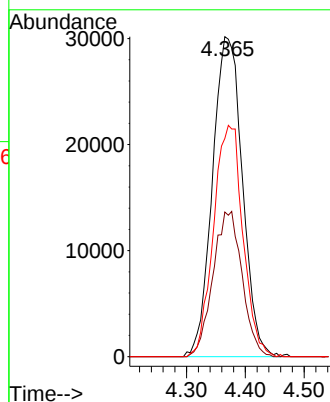
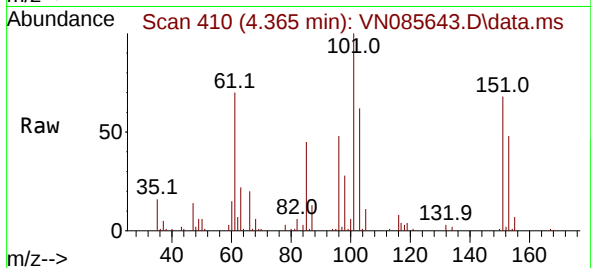
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.006 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 106454
Ion Ratio Lower Upper
101 100
85 44.2 37.8 56.8
151 71.0 58.8 88.2

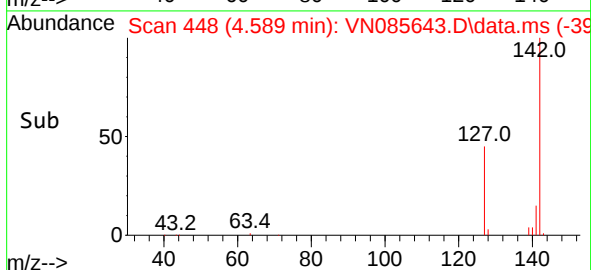
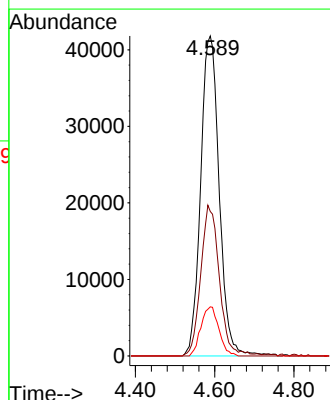
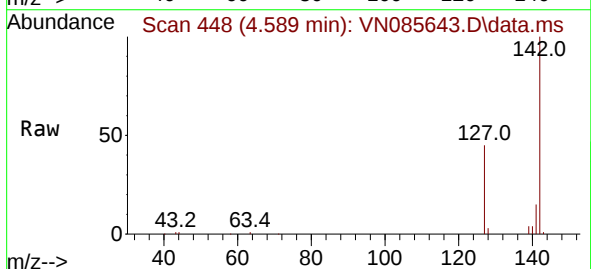
Manual Integrations
APPROVED

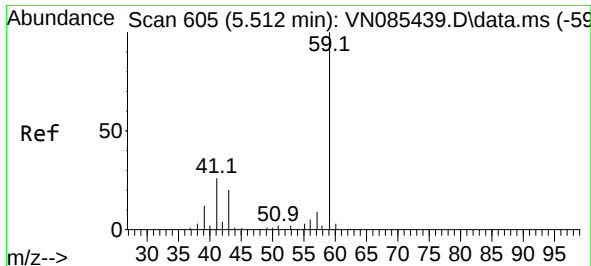
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#10
Methyl Iodide
Concen: 54.601 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion:142 Resp: 135827
Ion Ratio Lower Upper
142 100
127 45.1 40.3 60.5
141 15.4 12.8 19.2





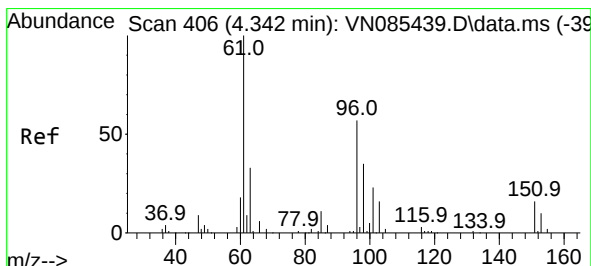
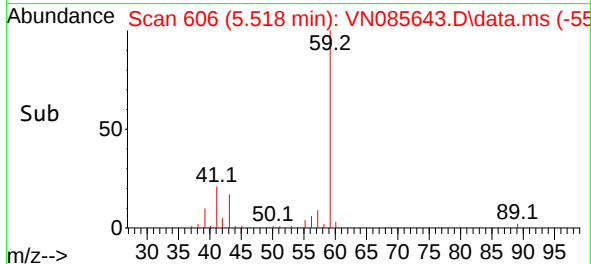
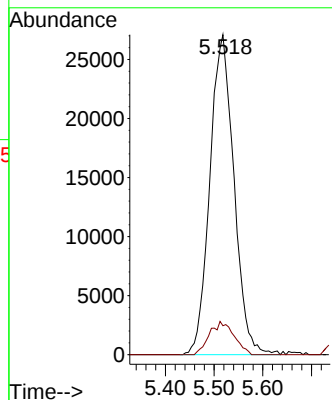
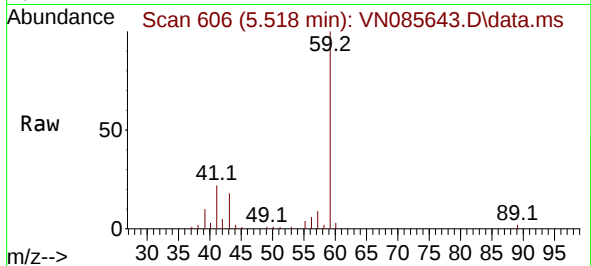
#11
Tert butyl alcohol
Concen: 279.138 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 9307
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

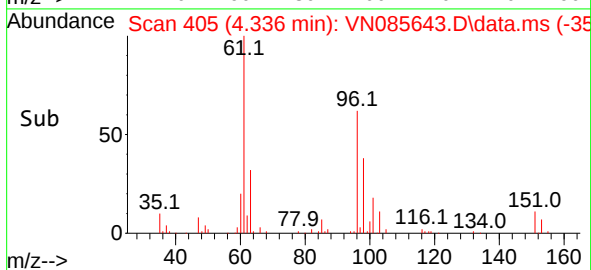
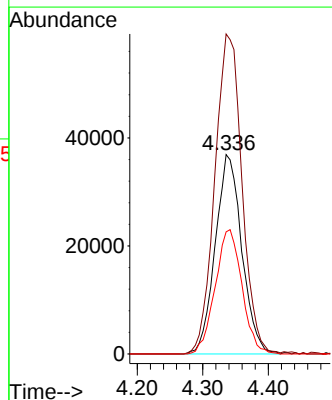
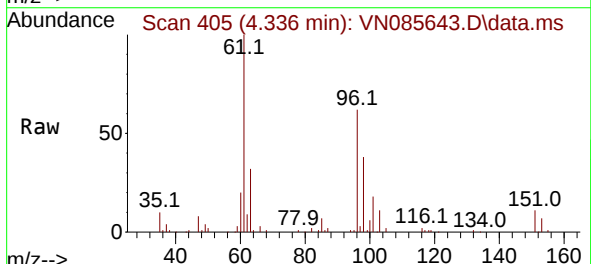
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#12
1,1-Dichloroethene
Concen: 53.509 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

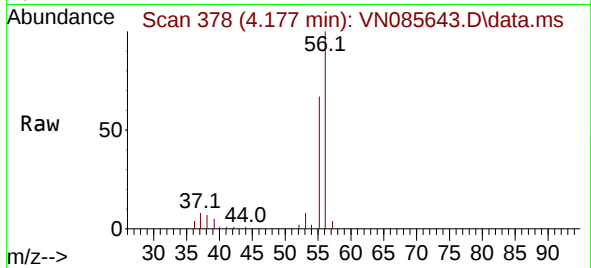
Tgt Ion: 96 Resp: 103592
Ion Ratio Lower Upper
96 100
61 160.5 141.0 211.4
98 61.2 49.0 73.6





#13
Acrolein
Concen: 246.452 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

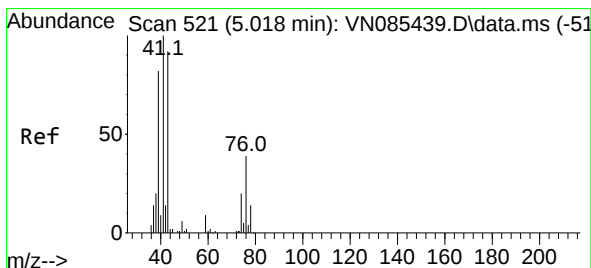
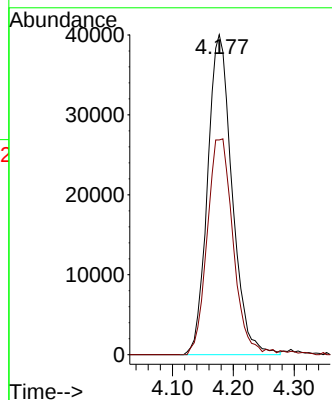
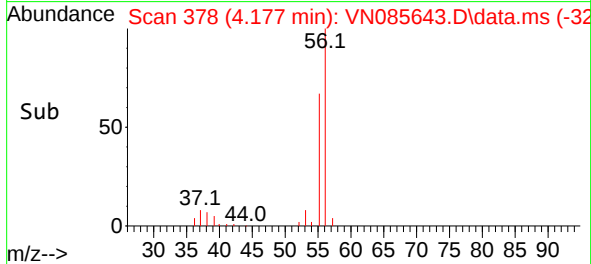
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11217
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

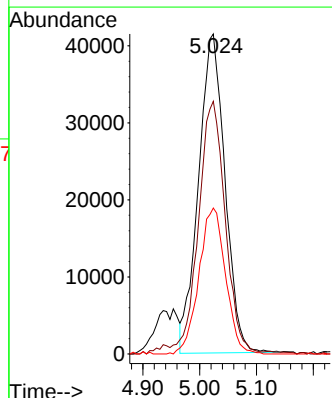
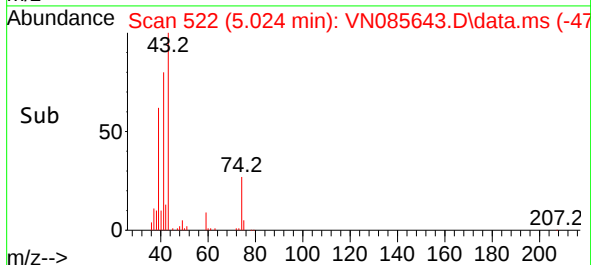
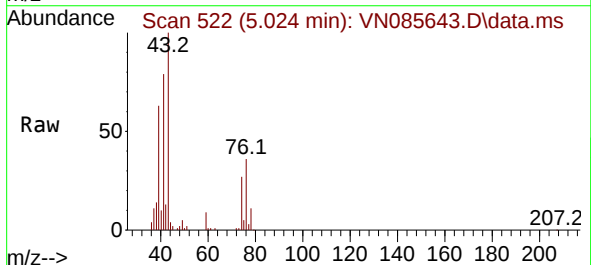
Manual Integrations
APPROVED

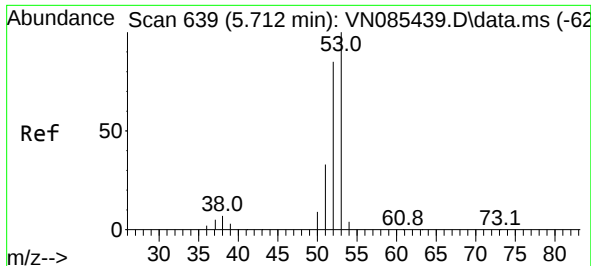
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#14
Allyl chloride
Concen: 42.677 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

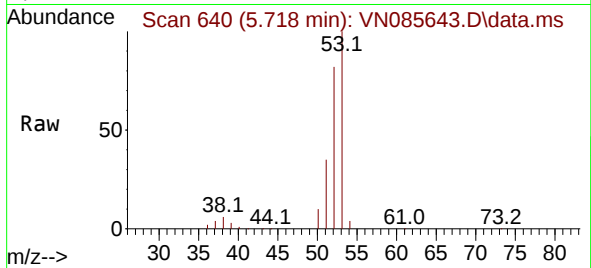
Tgt Ion: 41 Resp: 134068
Ion Ratio Lower Upper
41 100
39 78.5 64.4 96.6
76 45.9 30.5 45.7#





#15
Acrylonitrile
Concen: 286.638 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

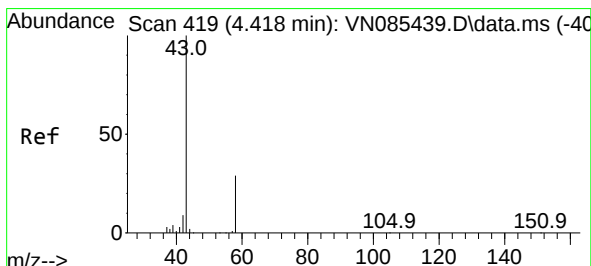
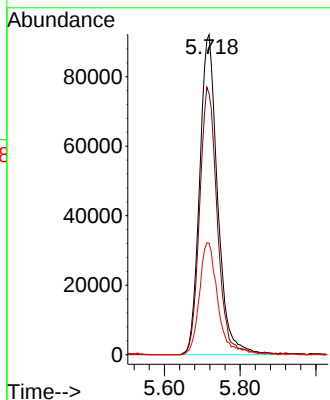
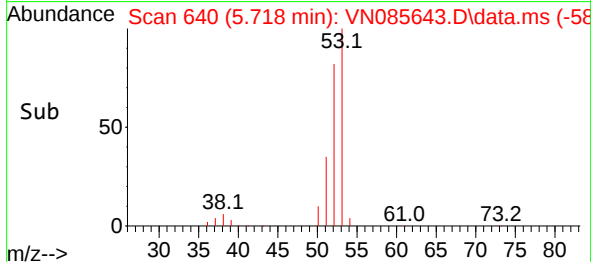
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 303560
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 36.2 29.8 44.8

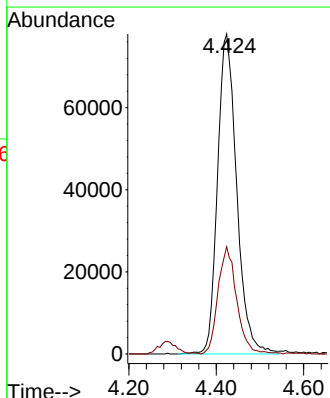
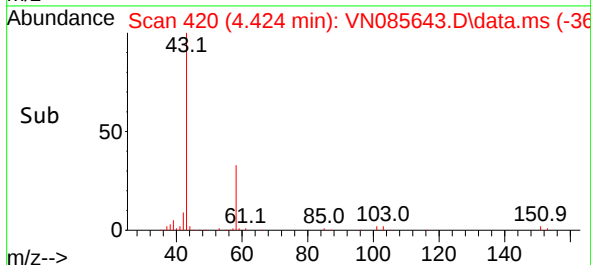
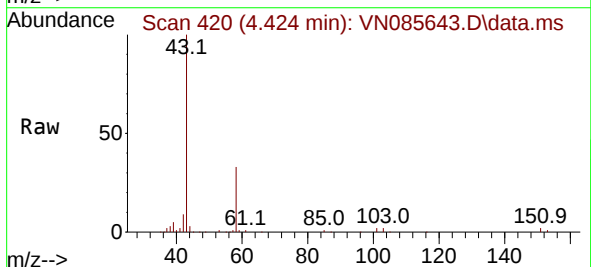
Manual Integrations
APPROVED

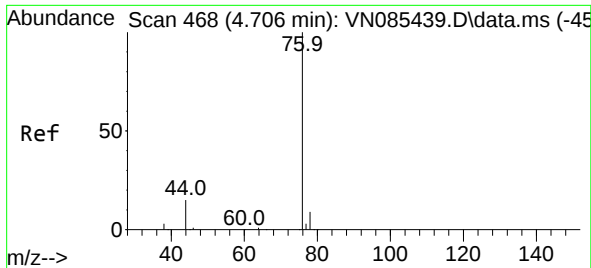
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#16
Acetone
Concen: 251.575 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

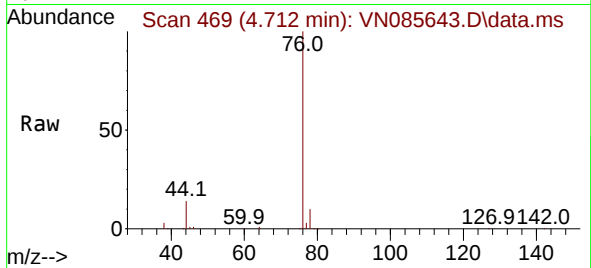
Tgt Ion: 43 Resp: 236690
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.6





#17
Carbon Disulfide
Concen: 36.735 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

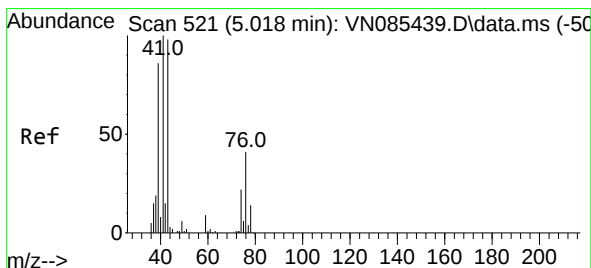
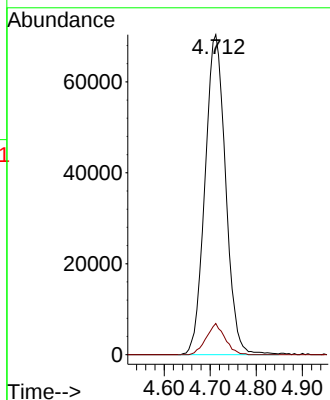
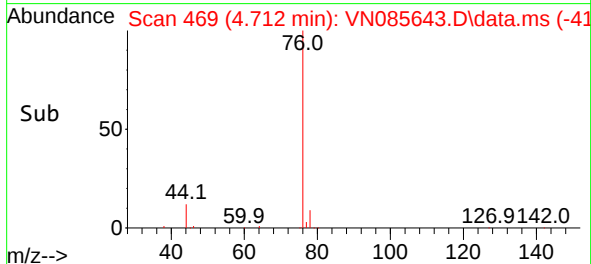
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21896
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3

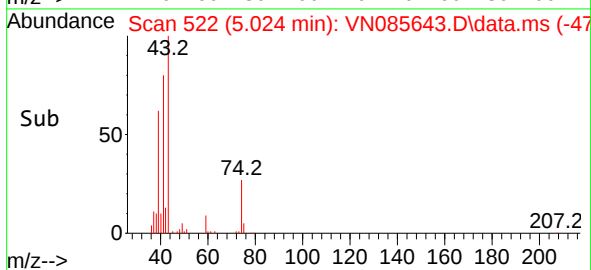
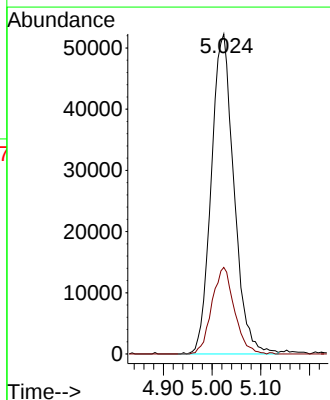
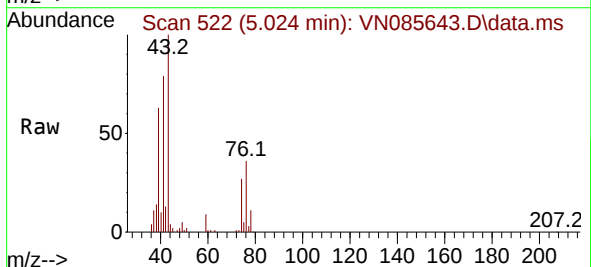
Manual Integrations
APPROVED

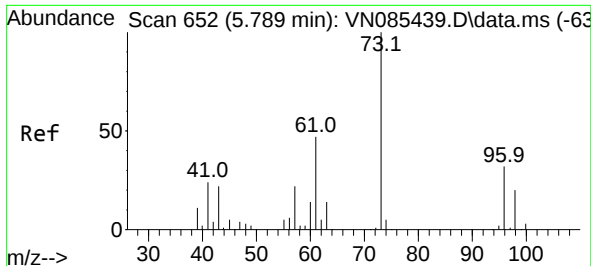
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#18
Methyl Acetate
Concen: 59.062 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion: 43 Resp: 168972
Ion Ratio Lower Upper
43 100
74 26.9 18.6 28.0





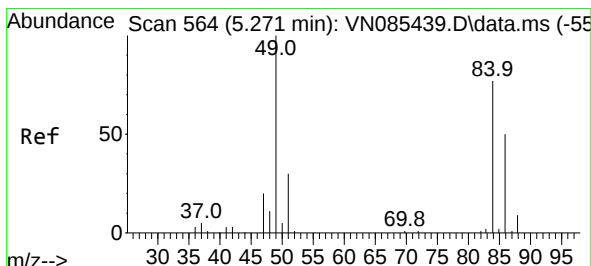
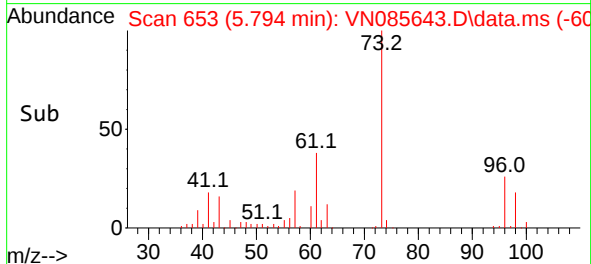
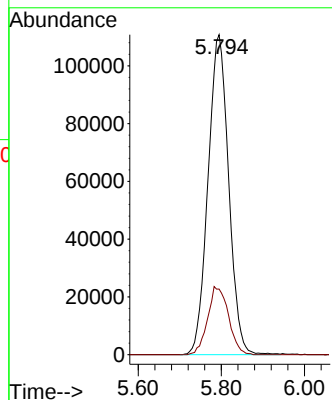
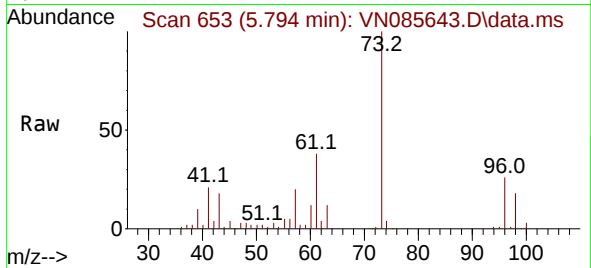
#19
Methyl tert-butyl Ether
Concen: 60.670 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 38138
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.8

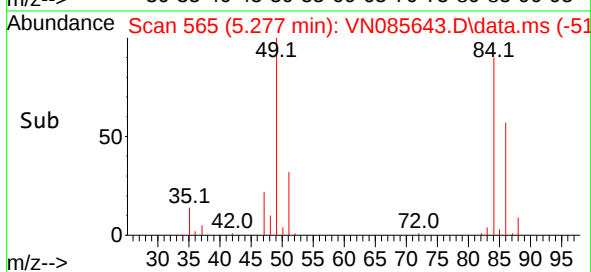
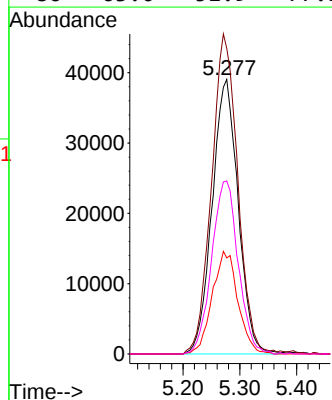
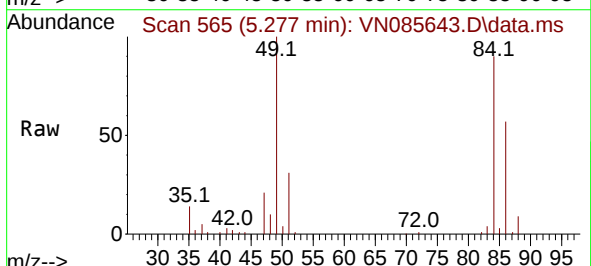
Manual Integrations
APPROVED

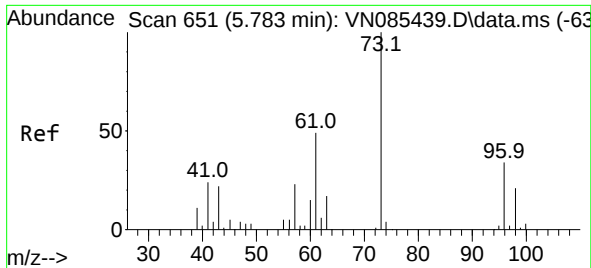
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#20
Methylene Chloride
Concen: 53.362 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

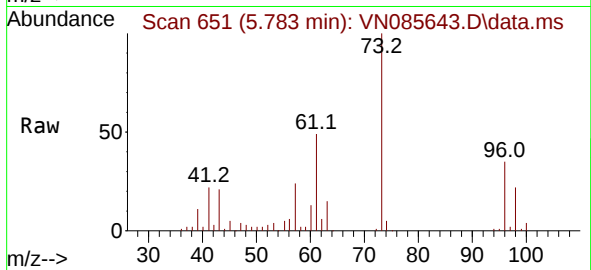
Tgt Ion: 84 Resp: 124287
Ion Ratio Lower Upper
84 100
49 111.4 104.1 156.1
51 35.0 31.0 46.4
86 63.0 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 50.226 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

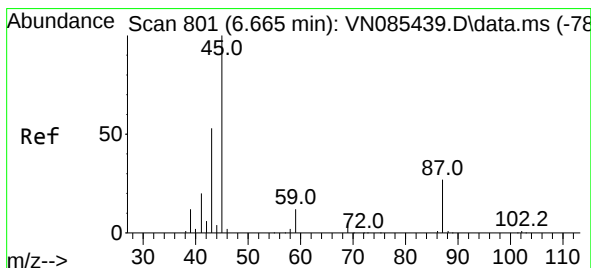
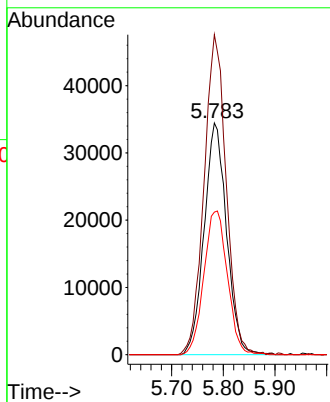
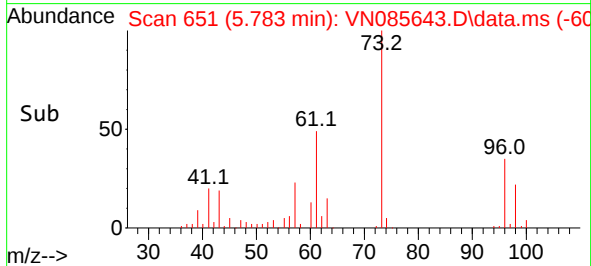
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 10391
Ion Ratio Lower Upper
96 100
61 138.1 115.7 173.5
98 61.5 49.8 74.8

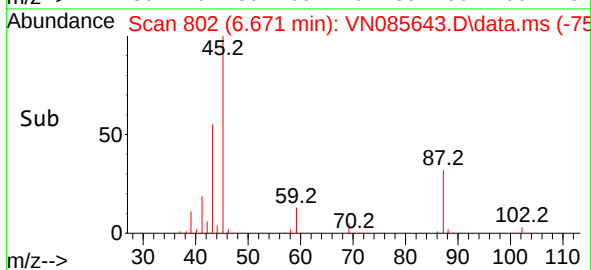
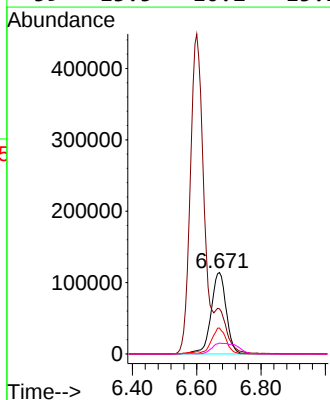
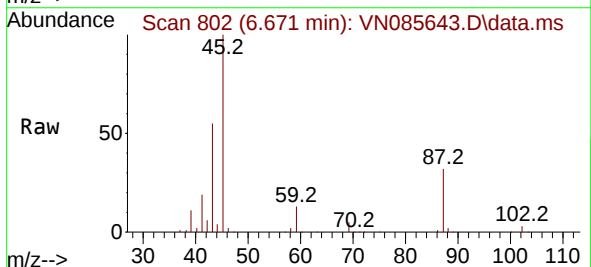
Manual Integrations
APPROVED

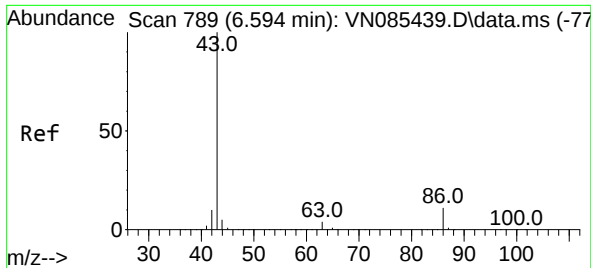
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#22
Diisopropyl ether
Concen: 53.727 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

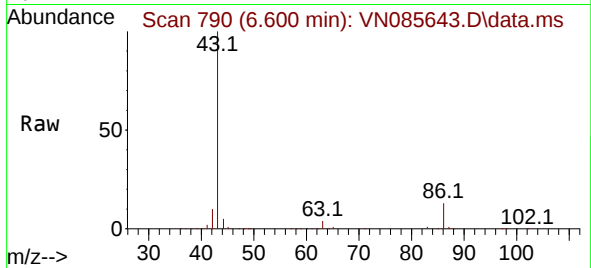
Tgt Ion: 45 Resp: 374620
Ion Ratio Lower Upper
45 100
43 54.9 45.0 67.6
87 31.9 21.8 32.8
59 13.5 10.2 15.2





#23
 Vinyl Acetate
 Concen: 264.952 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085643.D
 Acq: 03 Feb 2025 23:37

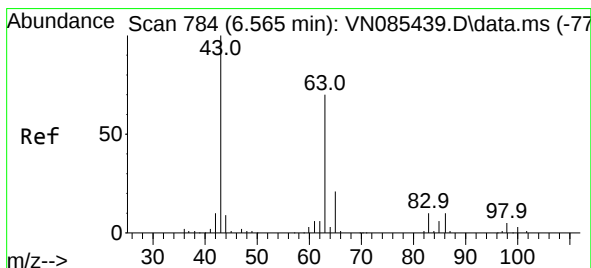
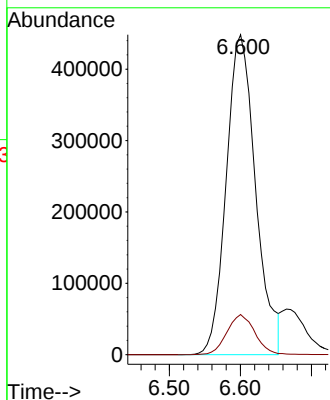
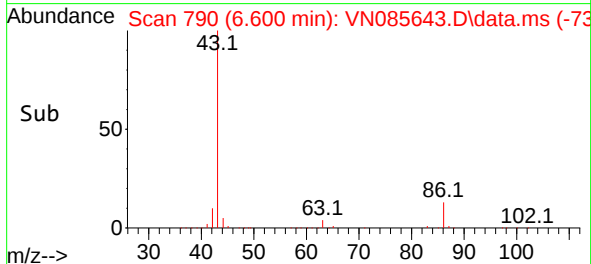
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



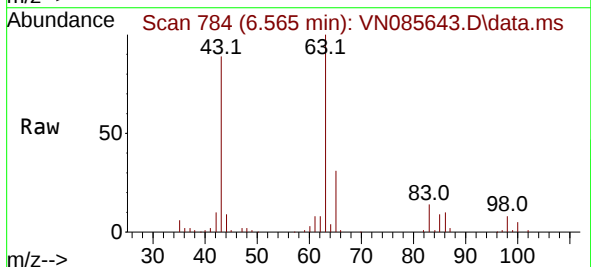
Tgt Ion: 43 Resp: 129288
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.4 12.6

Manual Integrations
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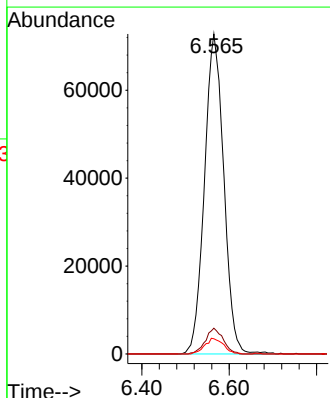
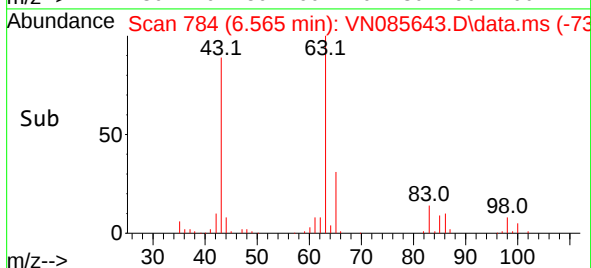
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

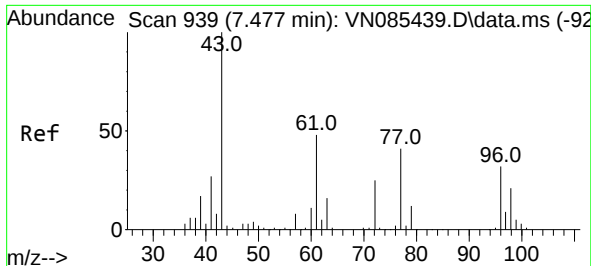


#24
 1,1-Dichloroethane
 Concen: 52.602 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085643.D
 Acq: 03 Feb 2025 23:37



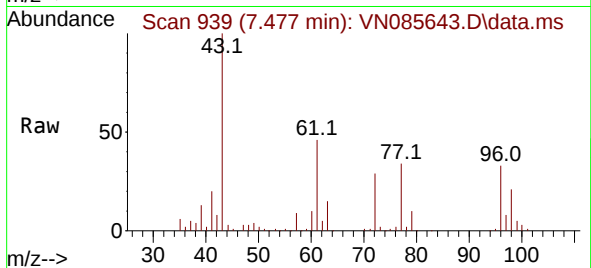
Tgt Ion: 63 Resp: 223644
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 4.8 2.0 6.0





#25
2-Butanone
Concen: 275.096 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

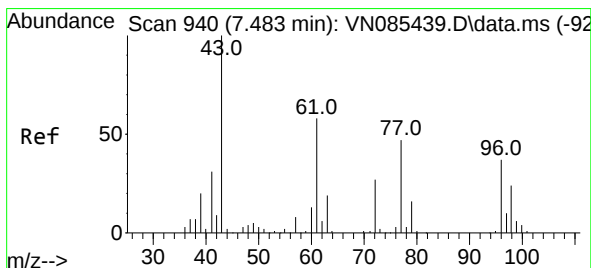
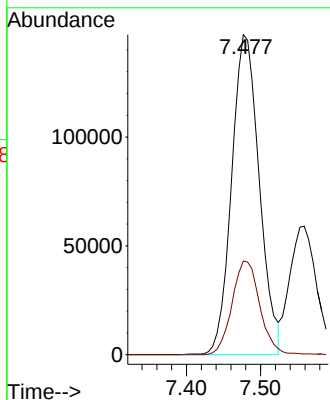
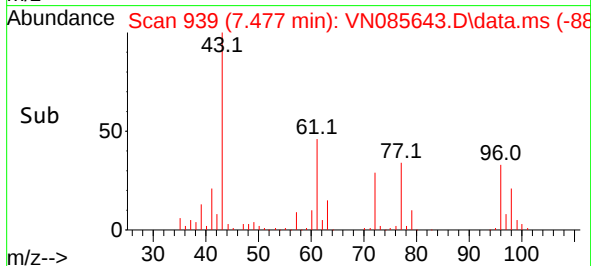
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



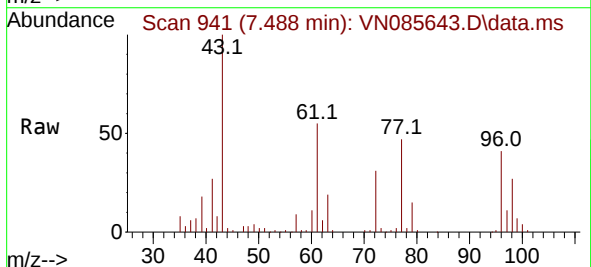
Tgt Ion: 43 Resp: 38087
Ion Ratio Lower Upper
43 100
72 29.2 20.2 30.4

Manual Integrations
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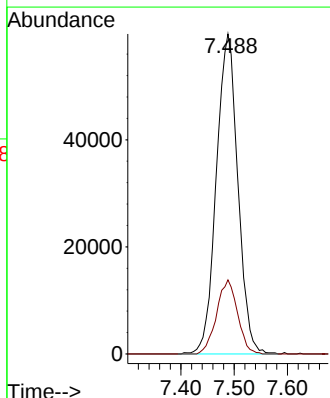
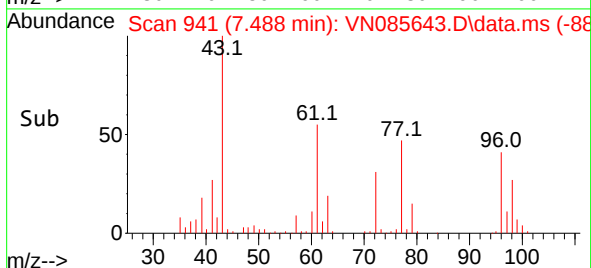
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#26
2,2-Dichloropropane
Concen: 48.725 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



Tgt Ion: 77 Resp: 167490
Ion Ratio Lower Upper
77 100
97 22.5 10.7 32.1





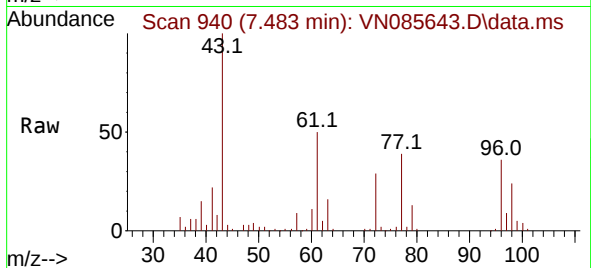
#27
 cis-1,2-Dichloroethene
 Concen: 57.347 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085643.D
 Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

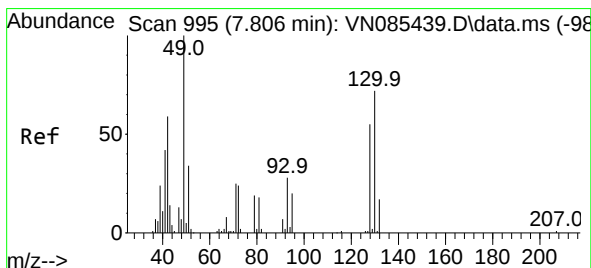
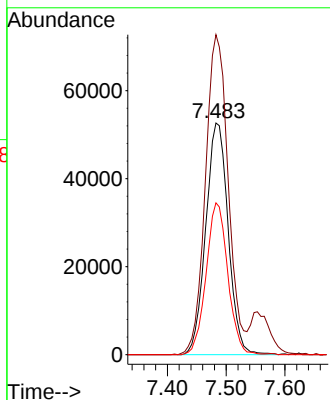
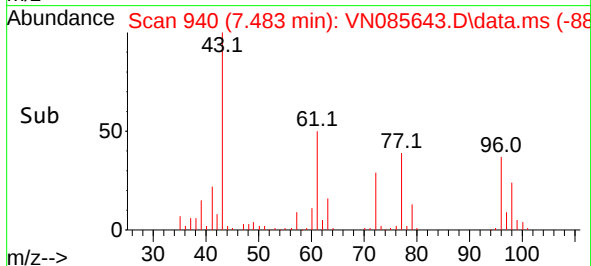


Tgt Ion: 96 Resp: 139749
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 311.8
 98 63.3 0.0 126.0

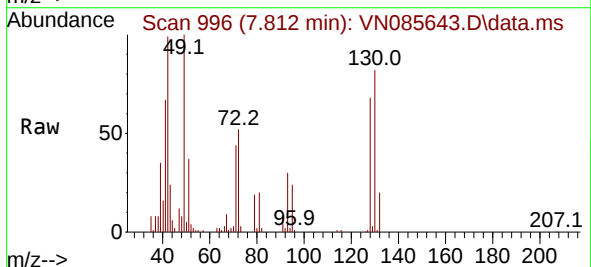
Manual Integrations

APPROVED

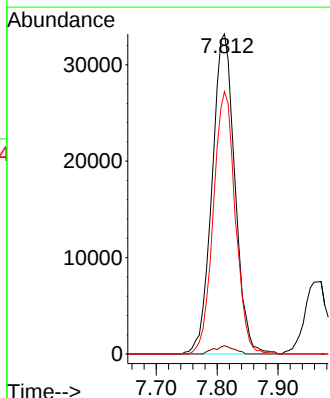
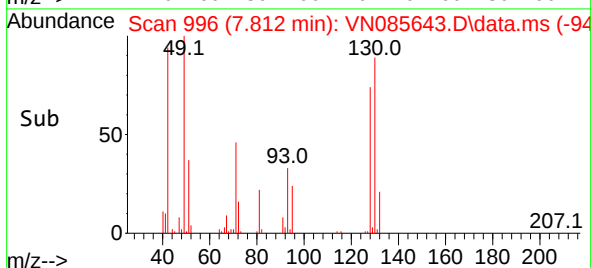
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

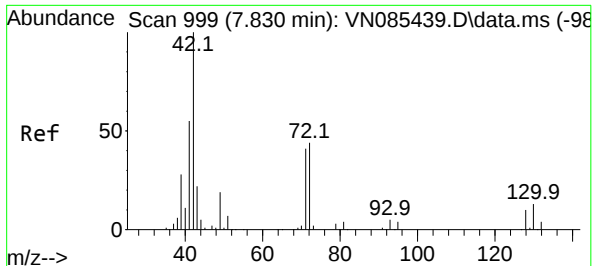


#28
 Bromochloromethane
 Concen: 43.749 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085643.D
 Acq: 03 Feb 2025 23:37



Tgt Ion: 49 Resp: 86537
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 78.9 55.0 82.4





#29

Tetrahydrofuran

Concen: 282.092 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 247618

Ion Ratio Lower Upper

42 100

72 49.8 34.2 51.2

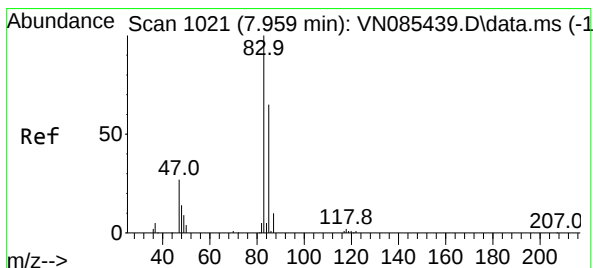
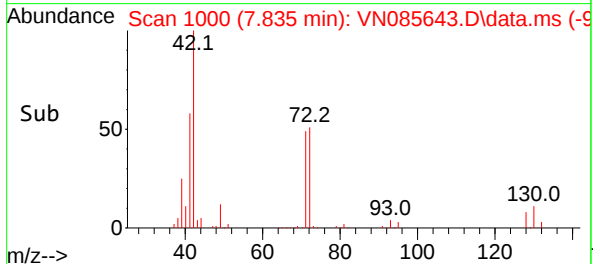
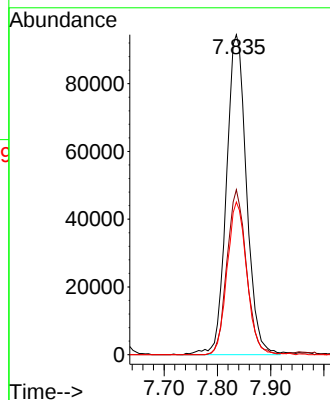
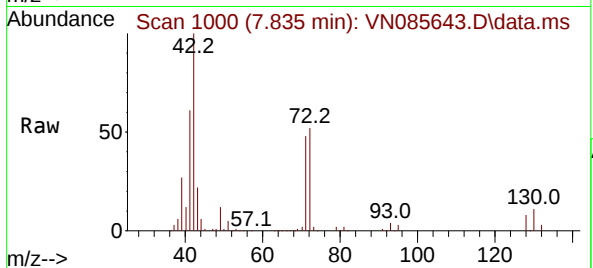
71 46.6 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#30

Chloroform

Concen: 54.633 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085643.D

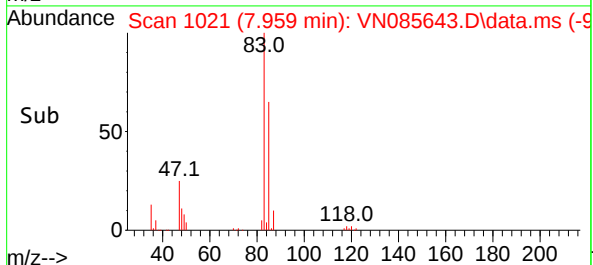
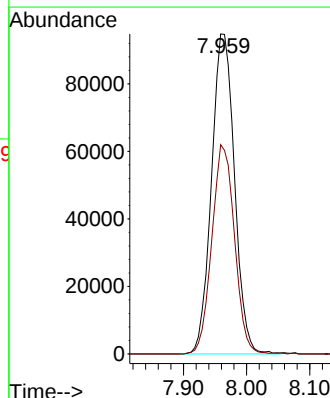
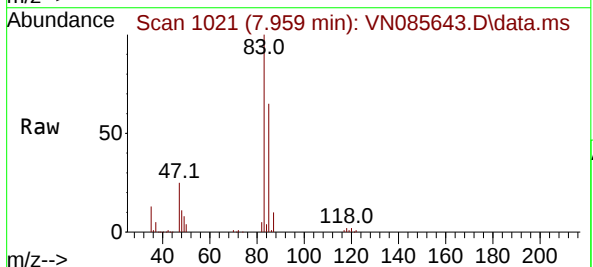
Acq: 03 Feb 2025 23:37

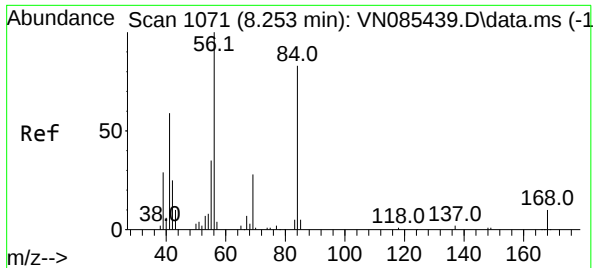
Tgt Ion: 83 Resp: 240069

Ion Ratio Lower Upper

83 100

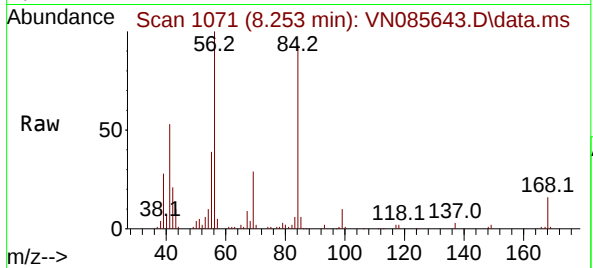
85 65.4 51.8 77.6





#31
Cyclohexane
Concen: 39.059 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

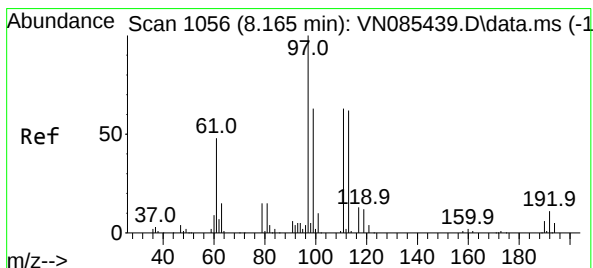
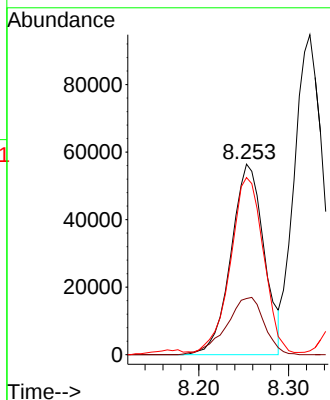
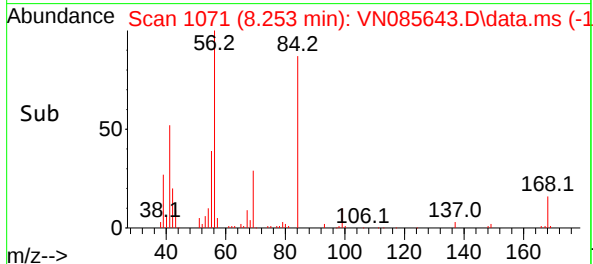
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



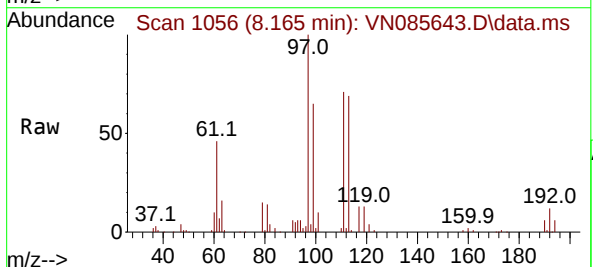
Tgt Ion: 56 Resp: 144338
Ion Ratio Lower Upper
56 100
69 29.5 22.2 33.4
84 90.4 66.4 99.6

Manual Integrations
APPROVED

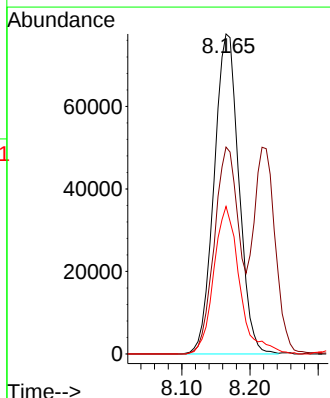
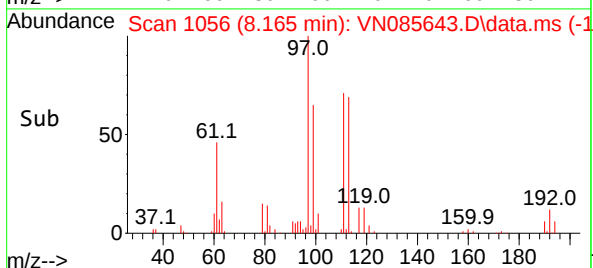
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

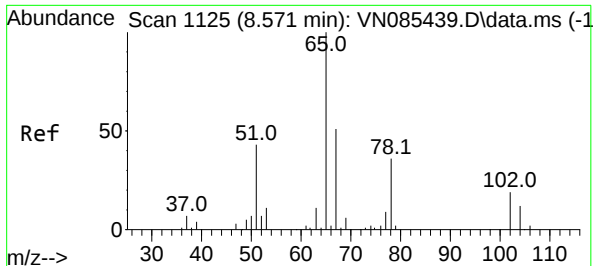


#32
1,1,1-Trichloroethane
Concen: 50.932 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



Tgt Ion: 97 Resp: 196316
Ion Ratio Lower Upper
97 100
99 64.9 49.8 74.6
61 47.9 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 53.975 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15716

Ion Ratio Lower Upper

65 100

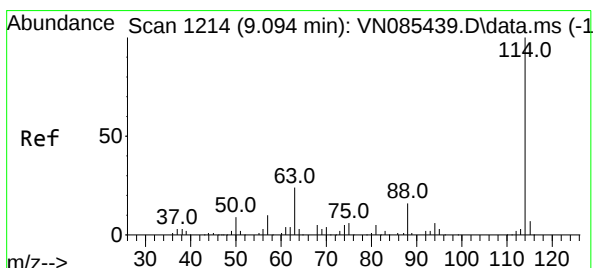
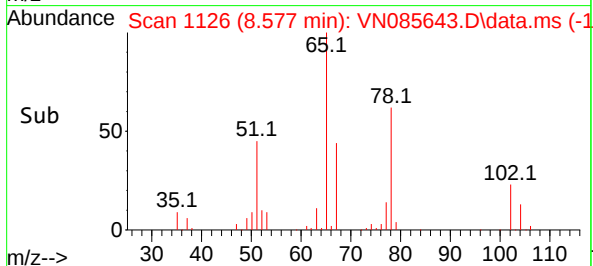
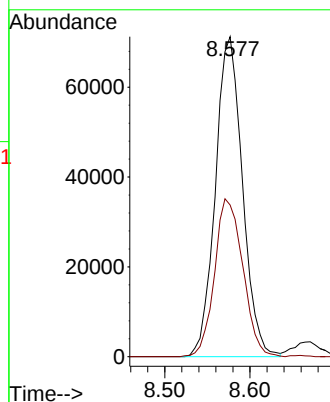
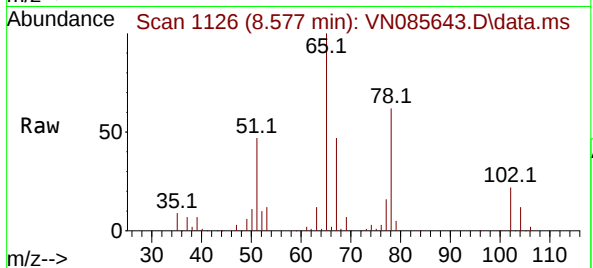
67 51.6 0.0 101.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

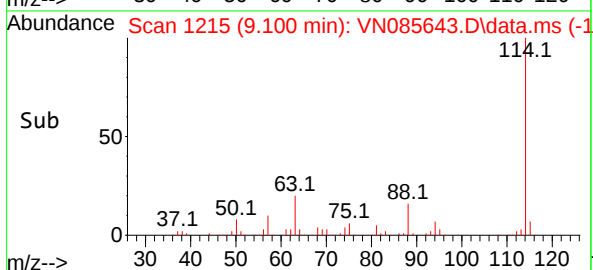
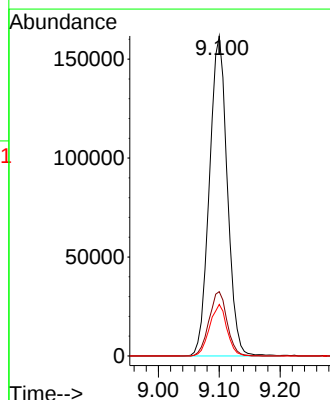
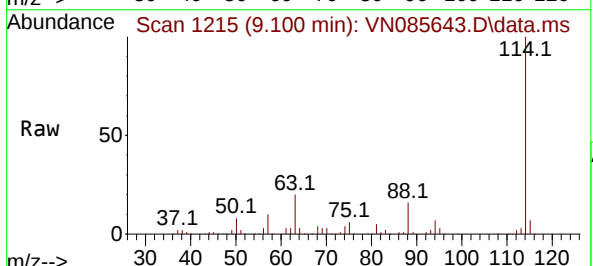
Tgt Ion:114 Resp: 329163

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

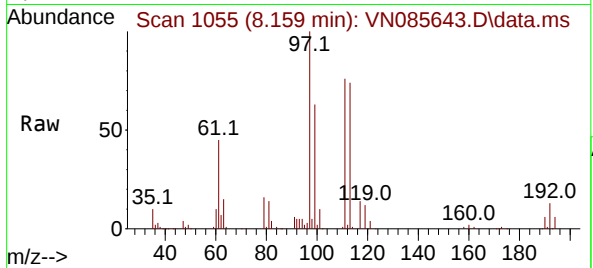
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 55.775 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

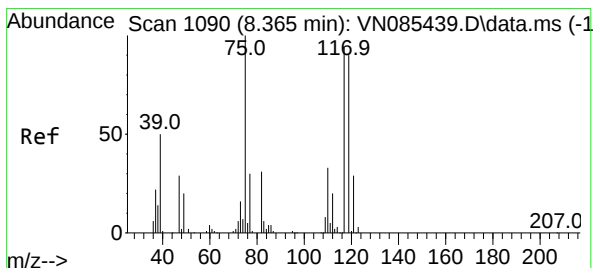
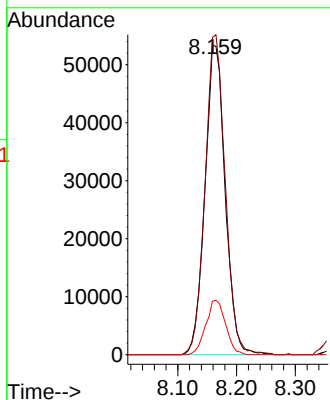
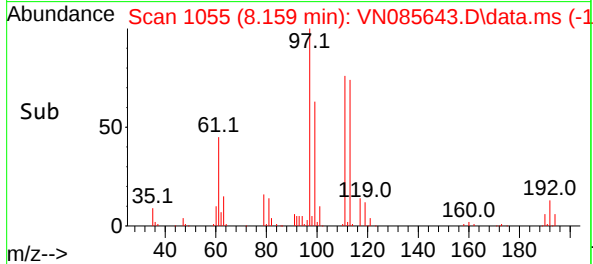
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



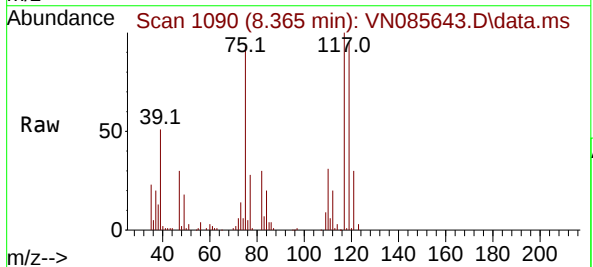
Tgt Ion:113 Resp: 12736
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 17.2 14.3 21.5

Manual Integrations
APPROVED

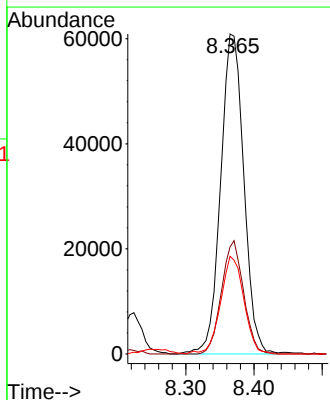
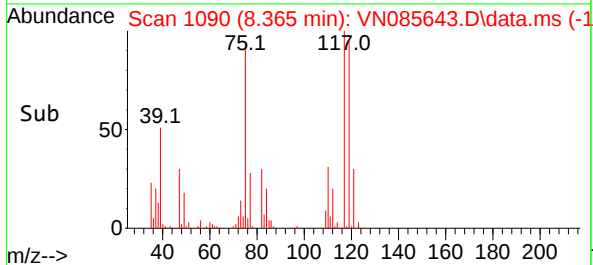
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

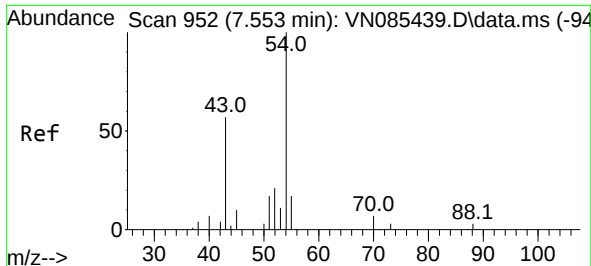


#36
1,1-Dichloropropene
Concen: 44.959 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



Tgt Ion: 75 Resp: 144091
Ion Ratio Lower Upper
75 100
110 33.7 16.5 49.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.441 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 153469

Ion Ratio Lower Upper

43 100

61 14.5 10.9 16.3

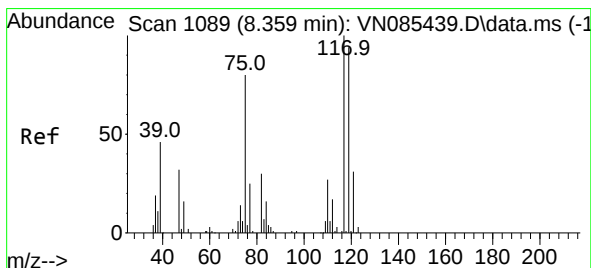
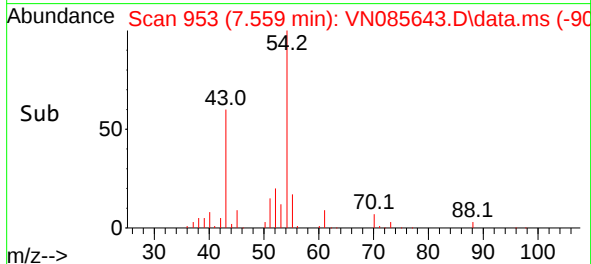
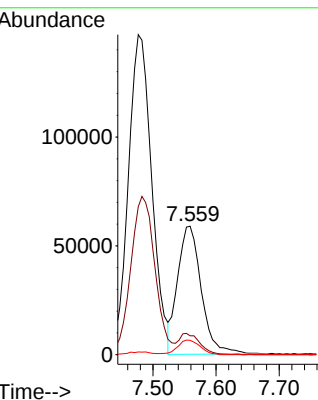
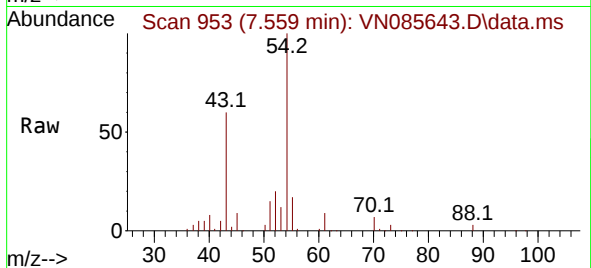
70 10.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#38

Carbon Tetrachloride

Concen: 45.436 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

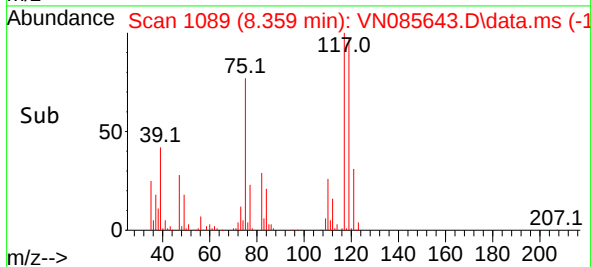
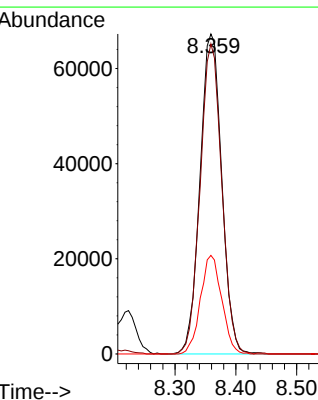
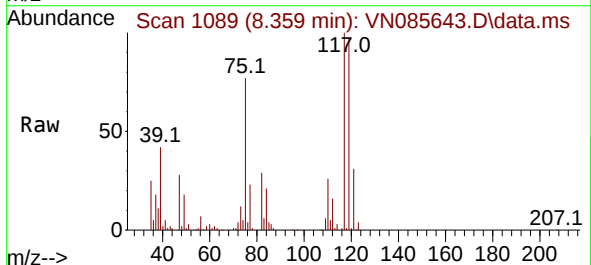
Tgt Ion:117 Resp: 166713

Ion Ratio Lower Upper

117 100

119 96.9 75.4 113.2

121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 42.759 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 12877

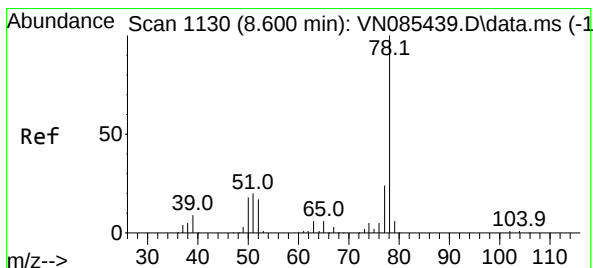
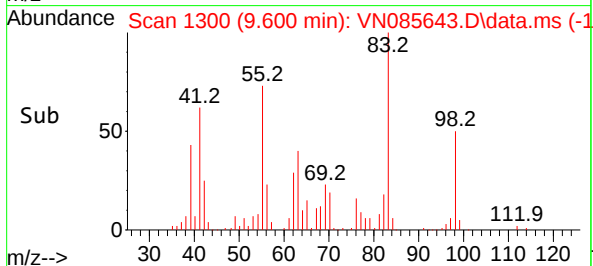
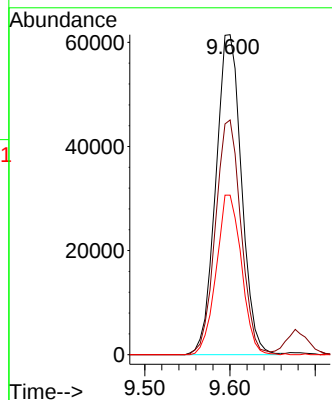
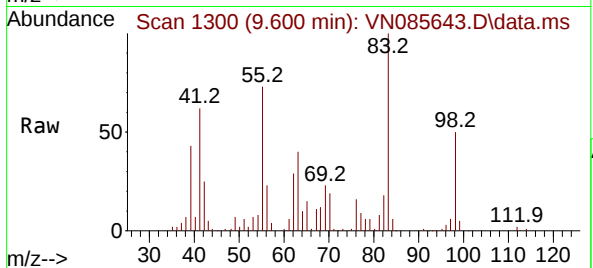
Ion	Ratio	Lower	Upper
83	100		
55	73.3	62.6	94.0
98	49.9	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#40

Benzene

Concen: 50.597 ug/l

RT: 8.600 min Scan# 1130

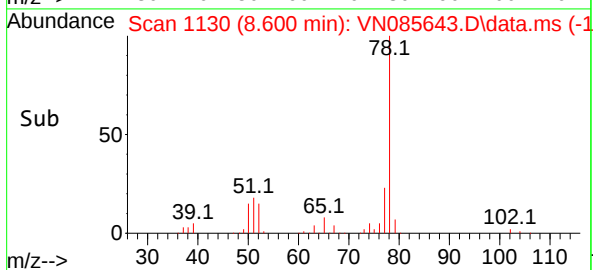
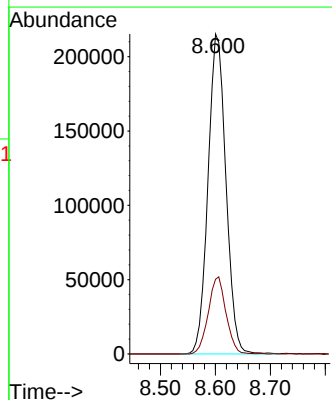
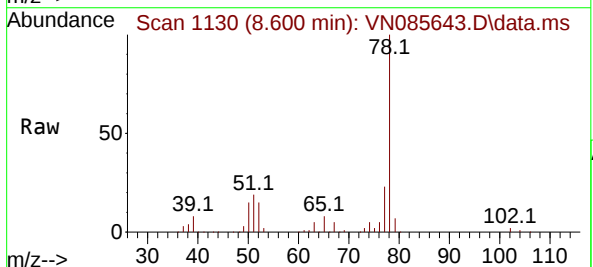
Delta R.T. -0.000 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Tgt Ion: 78 Resp: 487237

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 50.015 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

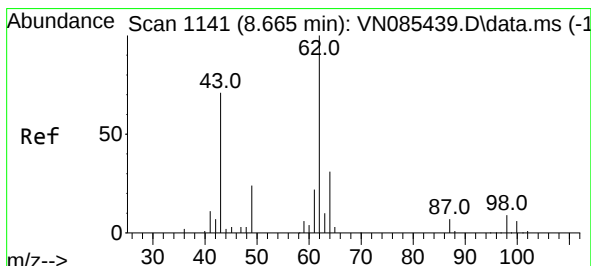
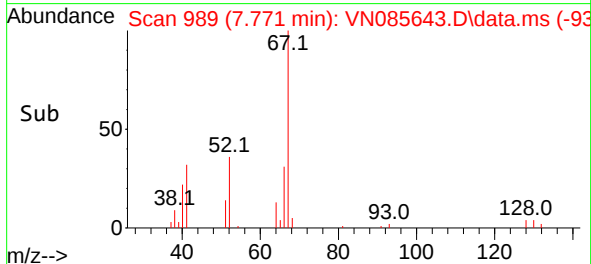
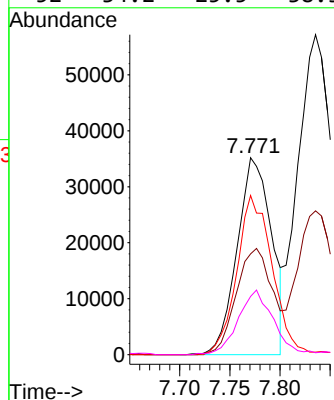
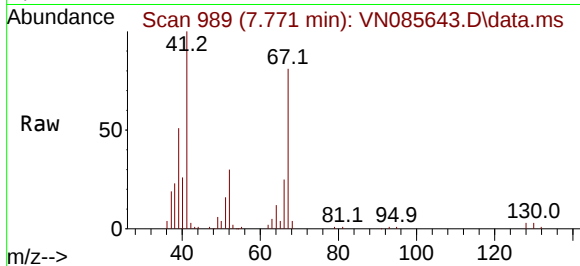
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 84170

Ion	Ratio	Lower	Upper
41	100		
39	55.9	46.0	69.0
67	82.8	57.4	86.2
52	34.2	25.5	38.3

Manual Integrations
APPROVED

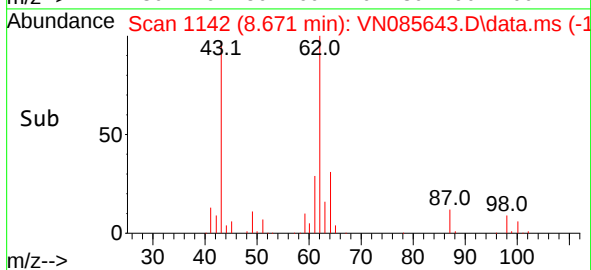
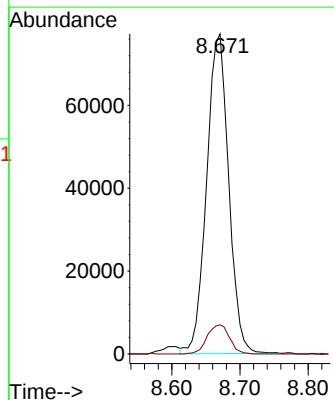
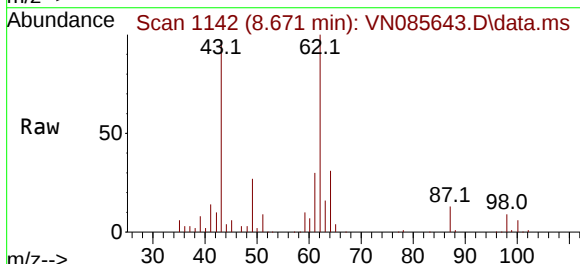
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

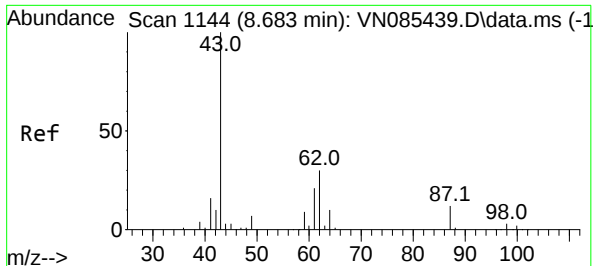


#42
1,2-Dichloroethane
Concen: 47.915 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion: 62 Resp: 173783

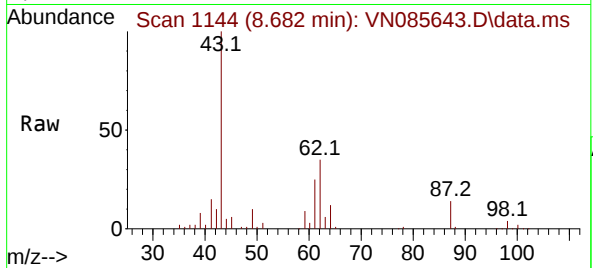
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0





#43
Isopropyl Acetate
Concen: 54.668 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

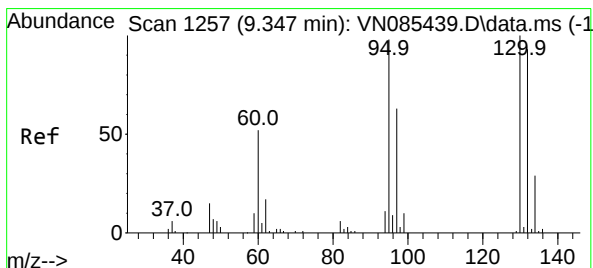
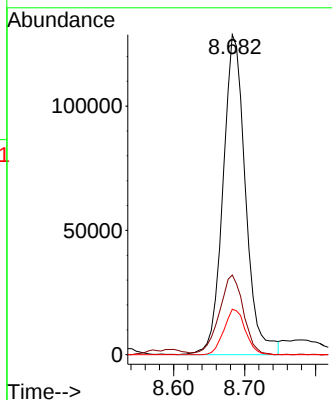
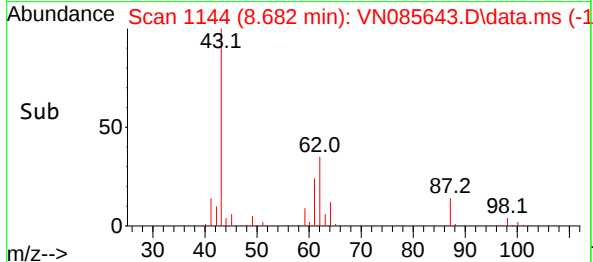
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



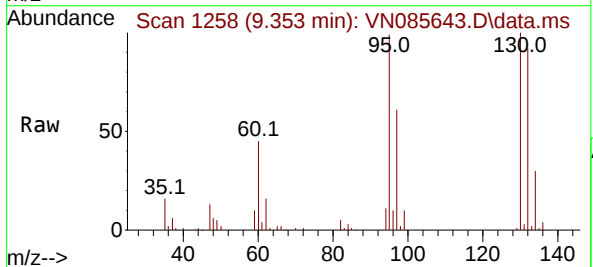
Tgt Ion: 43 Resp: 283370
Ion Ratio Lower Upper
43 100
61 26.8 20.7 31.1
87 13.5 9.8 14.8

Manual Integrations
APPROVED

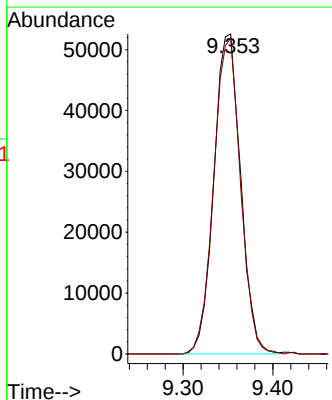
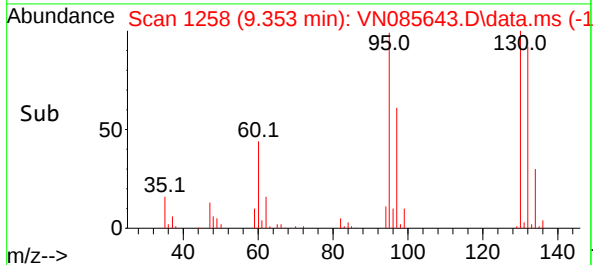
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

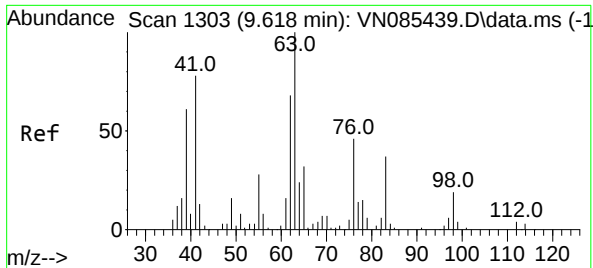


#44
Trichloroethene
Concen: 48.379 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



Tgt Ion:130 Resp: 108446
Ion Ratio Lower Upper
130 100
95 98.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 51.927 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12772

Ion Ratio Lower Upper

63 100

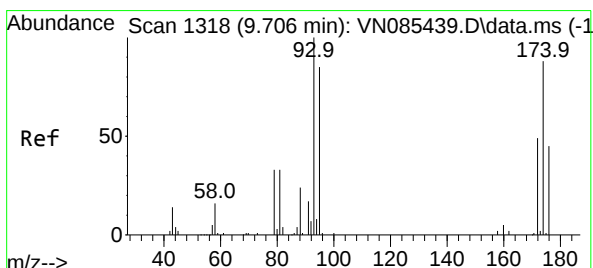
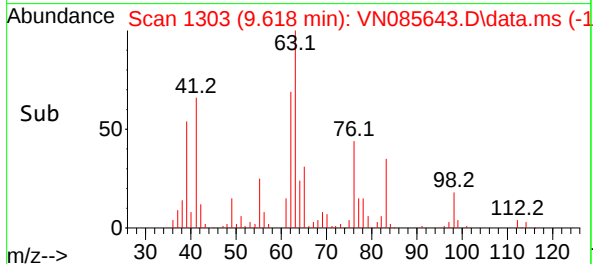
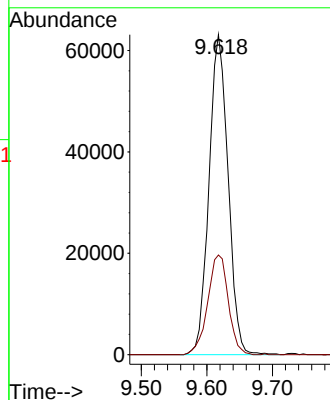
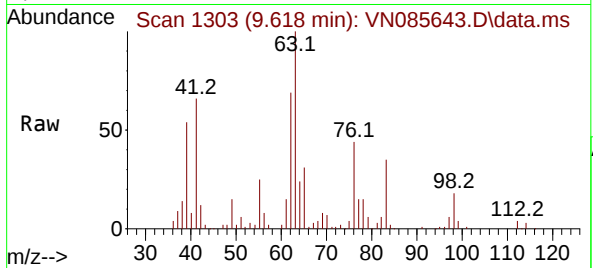
65 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#46

Dibromomethane

Concen: 51.056 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

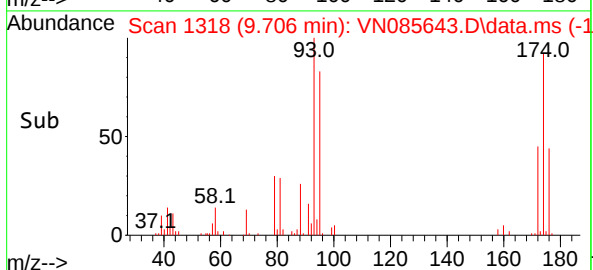
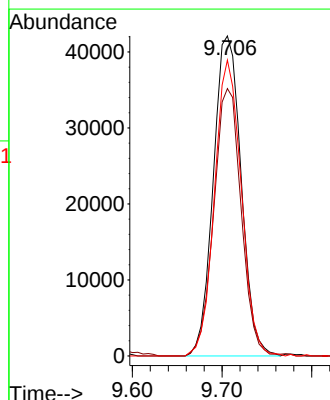
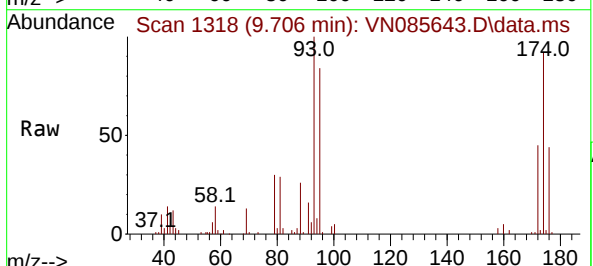
Tgt Ion: 93 Resp: 90617

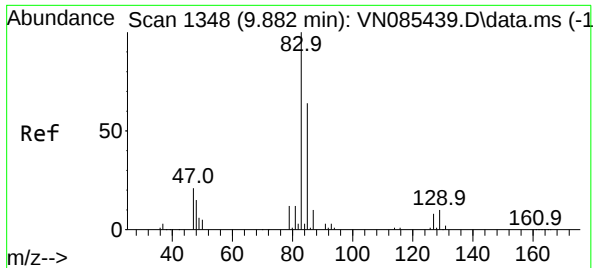
Ion Ratio Lower Upper

93 100

95 82.2 64.7 97.1

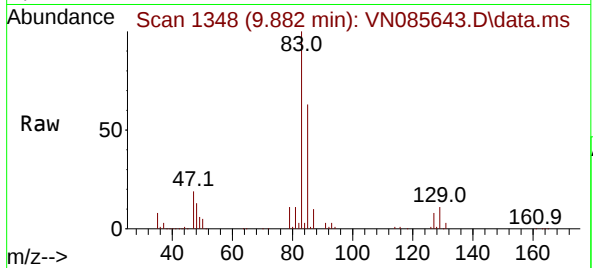
174 89.0 69.0 103.4





#47
Bromodichloromethane
Concen: 53.191 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

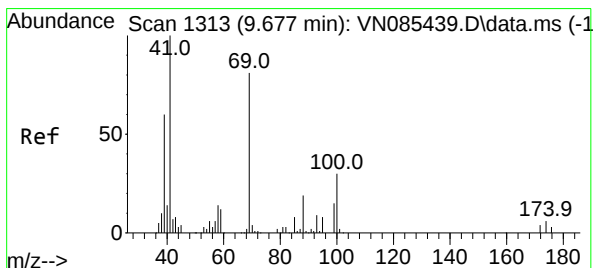
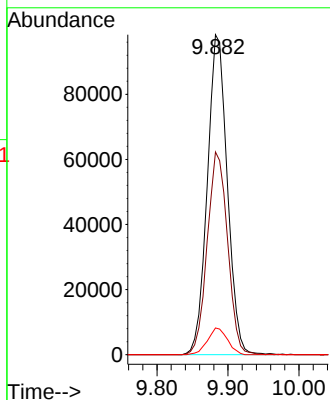
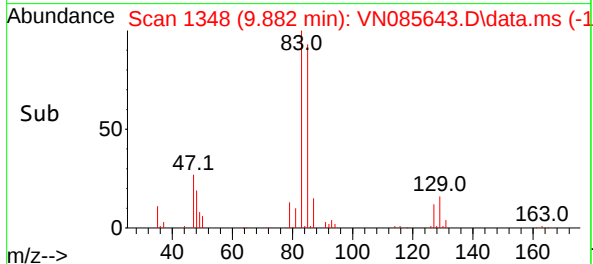
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 192335
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8
127 8.4 6.5 9.7

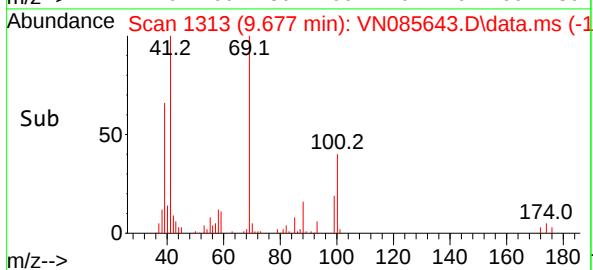
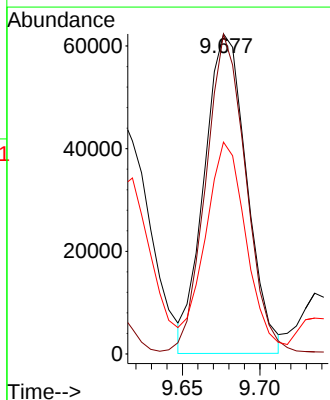
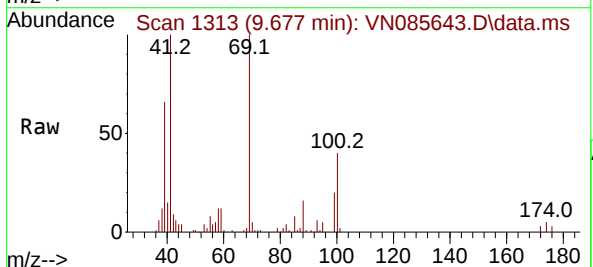
Manual Integrations
APPROVED

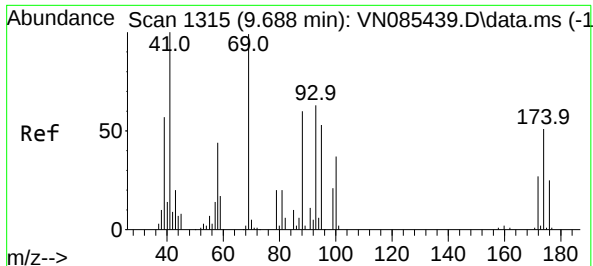
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#48
Methyl methacrylate
Concen: 50.838 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion: 41 Resp: 118589
Ion Ratio Lower Upper
41 100
69 96.1 64.7 97.1
39 64.6 49.0 73.6





#49

1,4-Dioxane

Concen: 992.712 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 38990

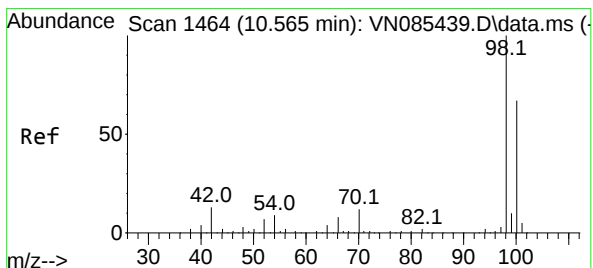
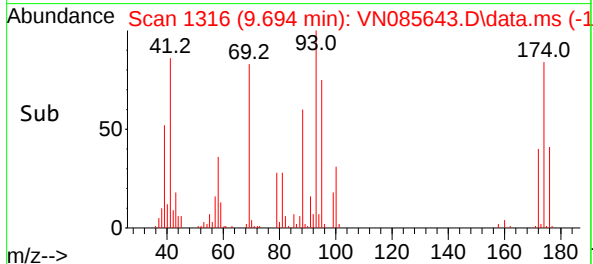
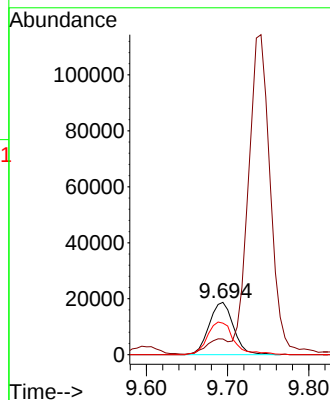
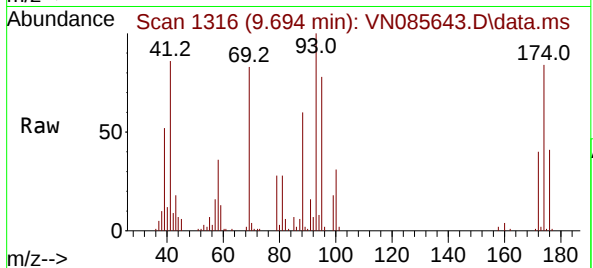
Ion	Ratio	Lower	Upper
88	100		
43	25.4	26.6	39.8
58	67.6	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#50

Toluene-d8

Concen: 55.844 ug/l

RT: 10.565 min Scan# 1464

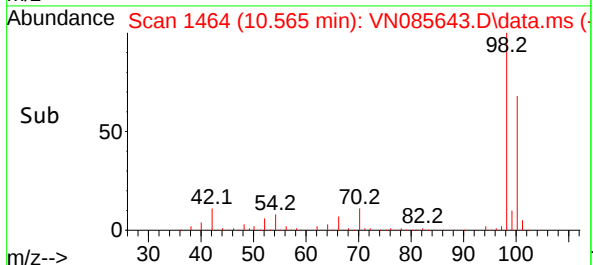
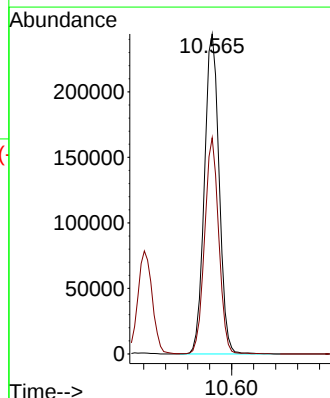
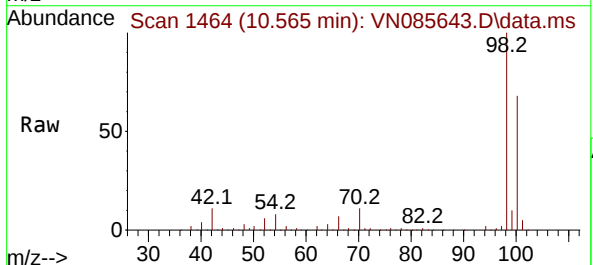
Delta R.T. -0.000 min

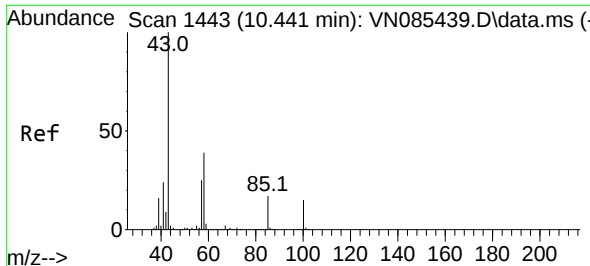
Lab File: VN085643.D

Acq: 03 Feb 2025 23:37

Tgt Ion: 98 Resp: 453094

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





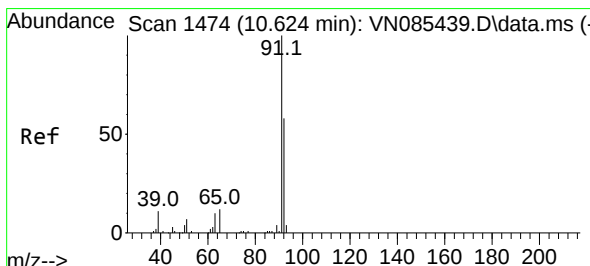
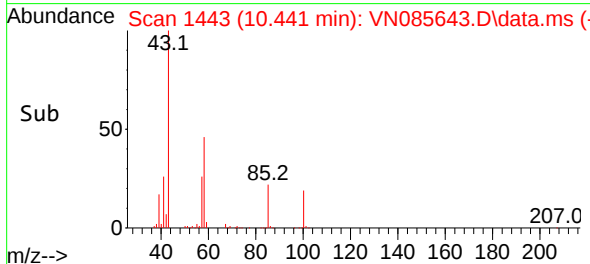
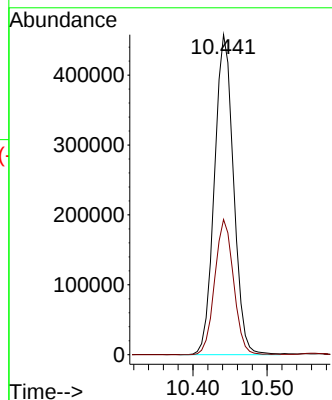
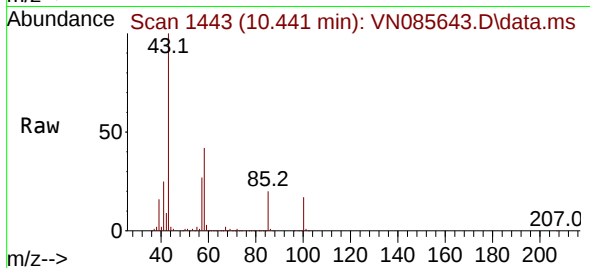
#51
4-Methyl-2-Pentanone
Concen: 272.805 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 820579
Ion Ratio Lower Upper
43 100
58 41.7 30.5 45.7

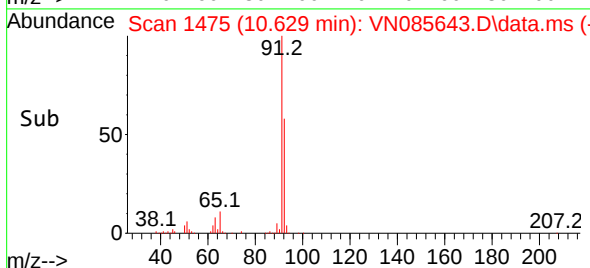
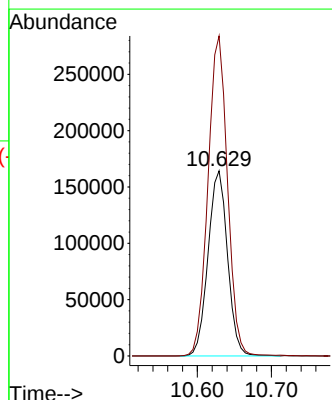
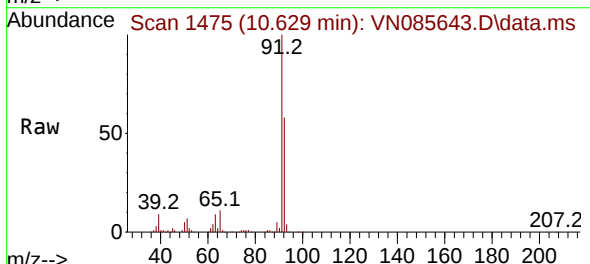
Manual Integrations
APPROVED

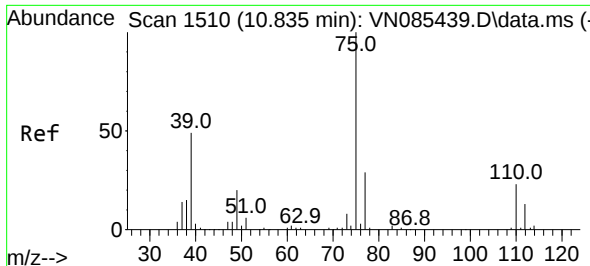
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#52
Toluene
Concen: 53.701 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

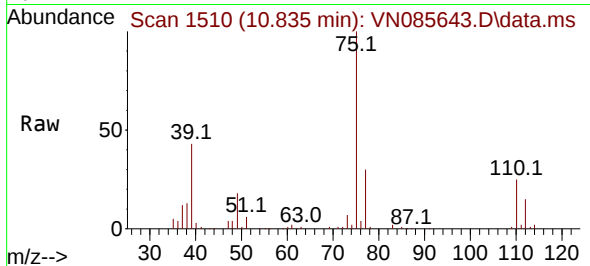
Tgt Ion: 92 Resp: 299637
Ion Ratio Lower Upper
92 100
91 173.4 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 54.178 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

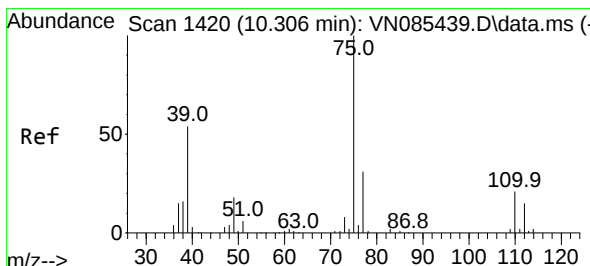
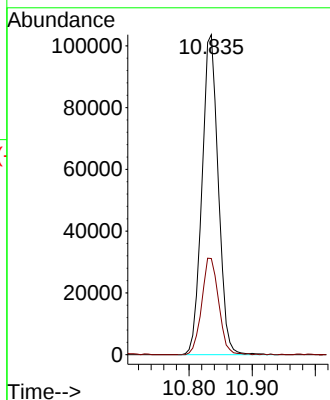
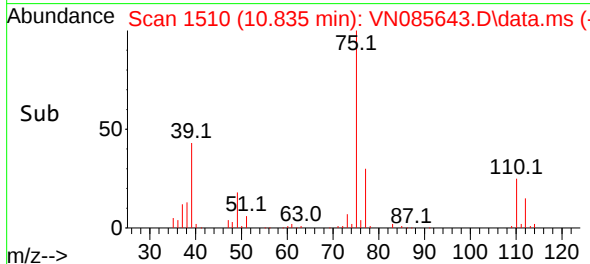
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 185134
Ion Ratio Lower Upper
75 100
77 30.1 23.5 35.3

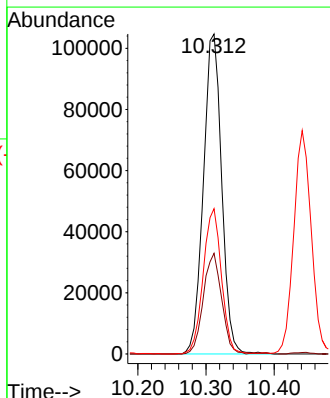
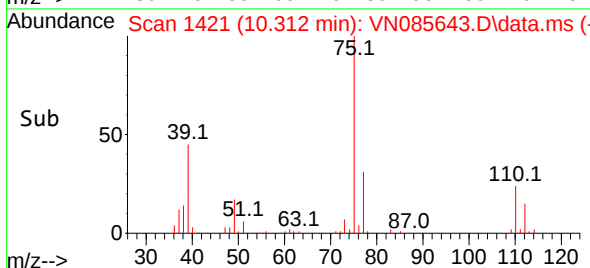
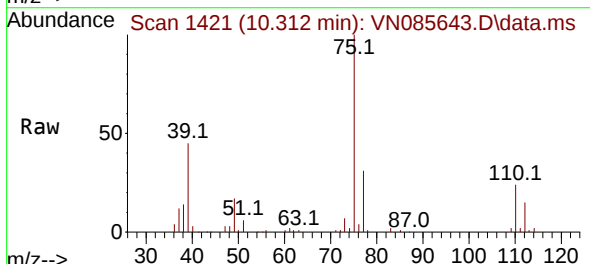
Manual Integrations
APPROVED

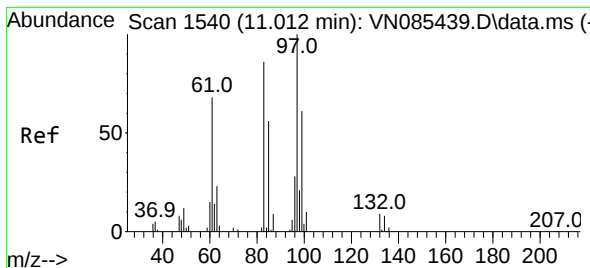
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 53.509 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

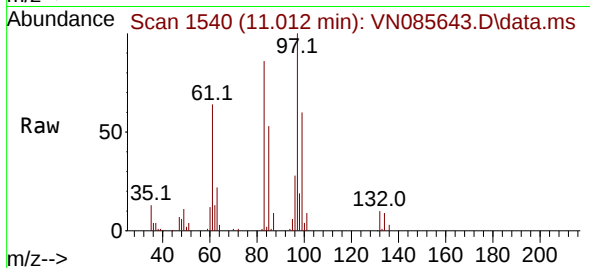
Tgt Ion: 75 Resp: 195311
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 45.2 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 57.075 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

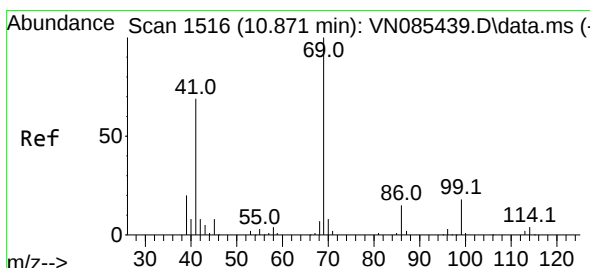
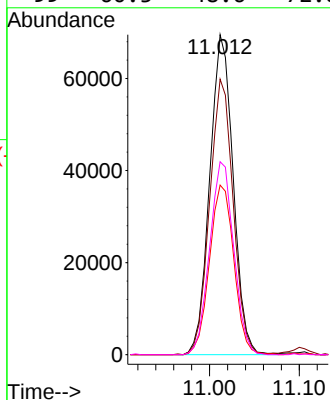
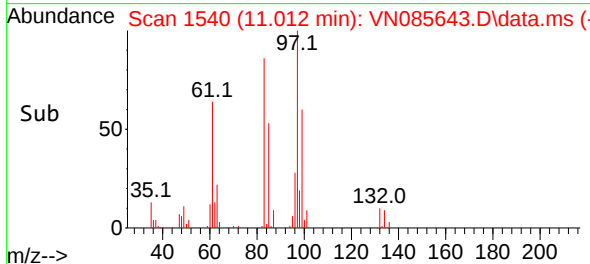


Tgt Ion: 97 Resp: 12603

Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	53.0	44.6	66.8
99	60.3	48.6	72.8

Manual Integrations
APPROVED

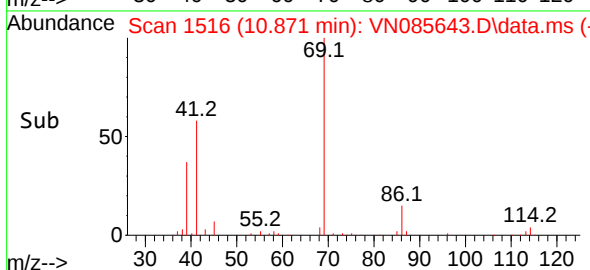
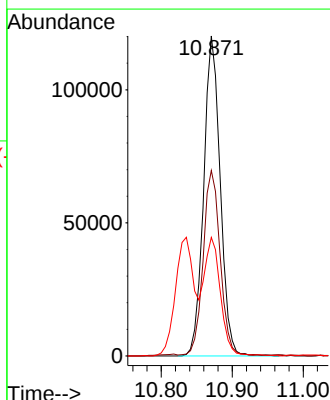
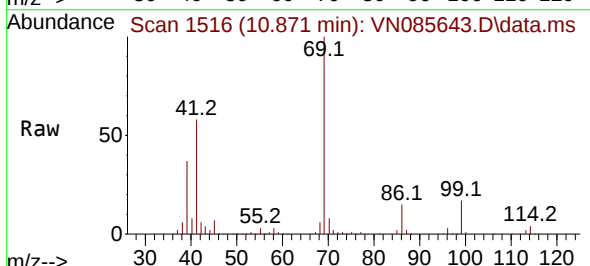
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

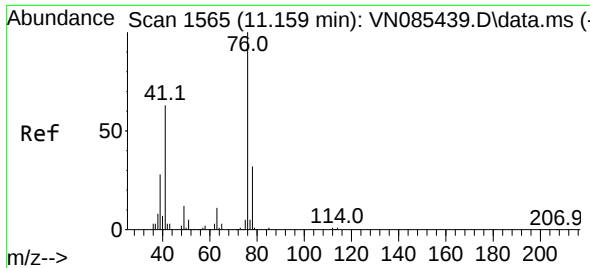


#56
Ethyl methacrylate
Concen: 52.421 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion: 69 Resp: 195356

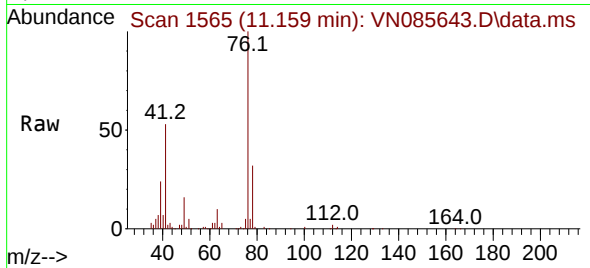
Ion	Ratio	Lower	Upper
69	100		
41	59.0	54.6	82.0
39	36.7	32.4	48.6





#57
1,3-Dichloropropane
Concen: 55.745 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

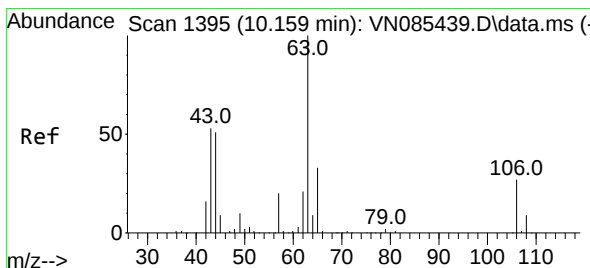
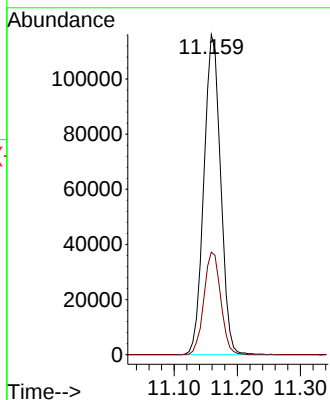
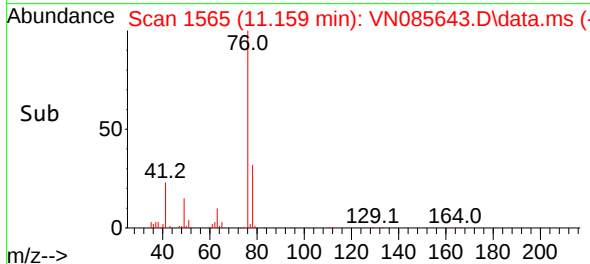
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 214036
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

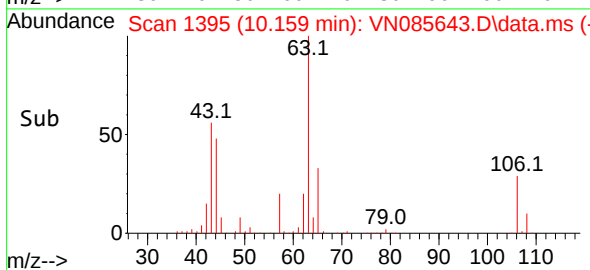
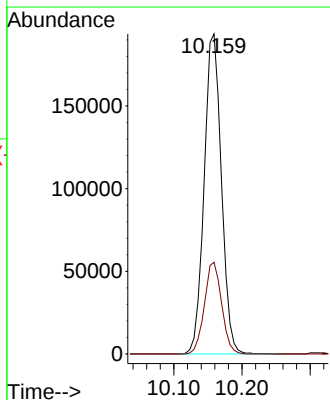
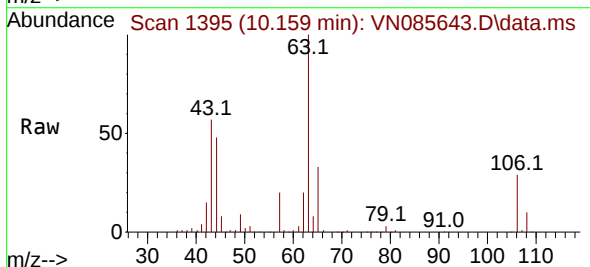
Manual Integrations
APPROVED

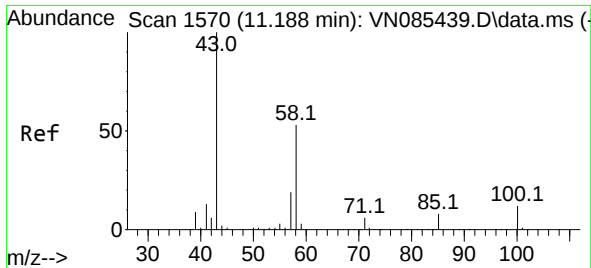
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 242.835 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

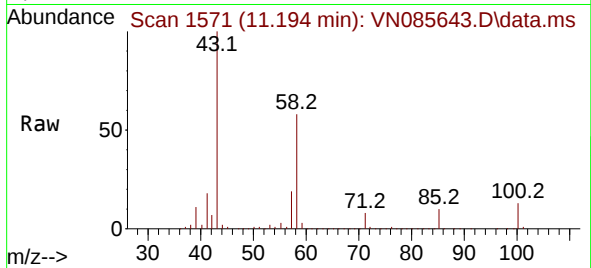
Tgt Ion: 63 Resp: 340283
Ion Ratio Lower Upper
63 100
106 28.6 21.6 32.4





#59
2-Hexanone
Concen: 281.387 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

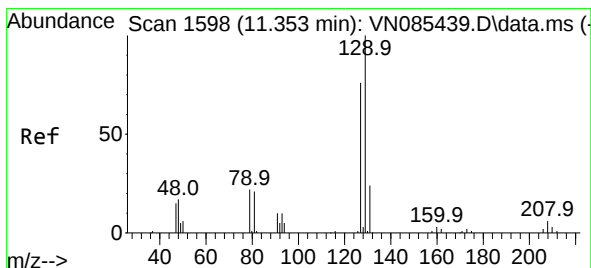
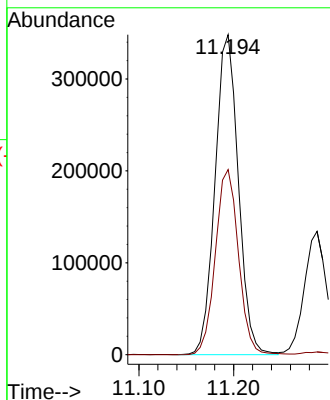
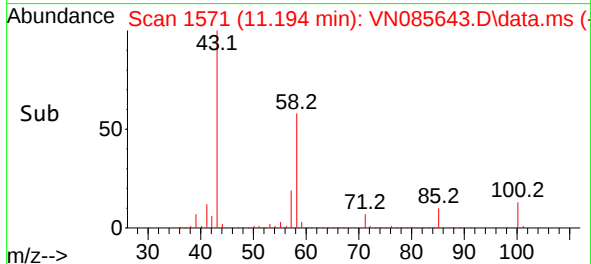
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 595540
Ion Ratio Lower Upper
43 100
58 57.4 26.2 78.6

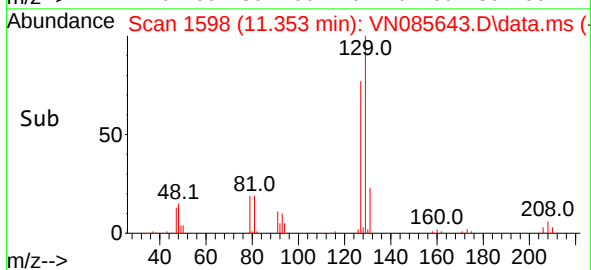
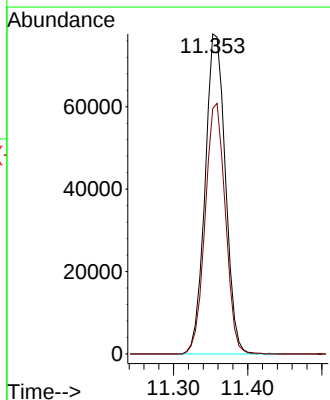
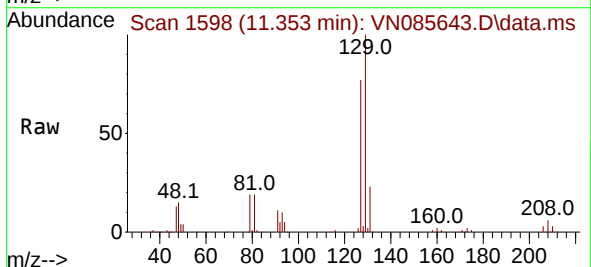
Manual Integrations
APPROVED

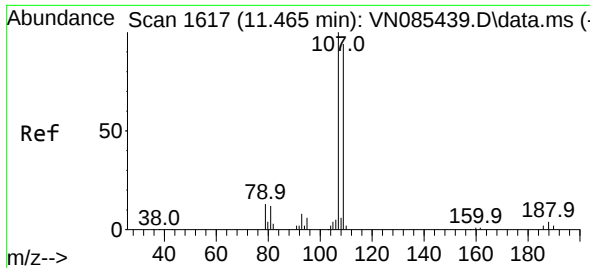
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#60
Dibromochloromethane
Concen: 55.370 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

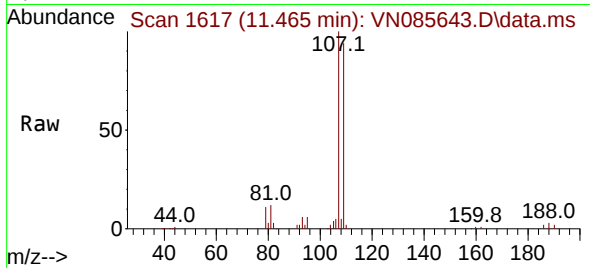
Tgt Ion:129 Resp: 147609
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.603 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

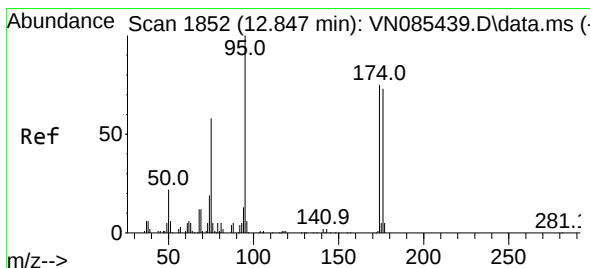
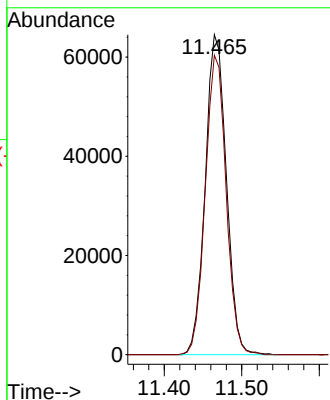
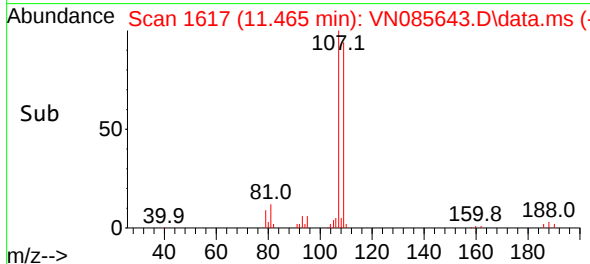
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



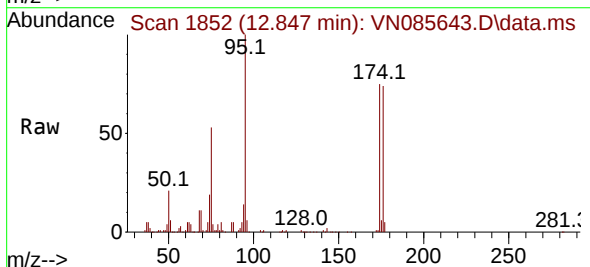
Tgt Ion:107 Resp: 122210
Ion Ratio Lower Upper
107 100
109 92.4 75.9 113.9

Manual Integrations
APPROVED

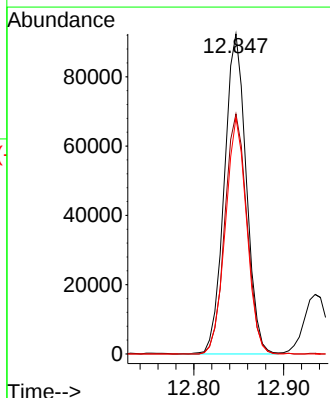
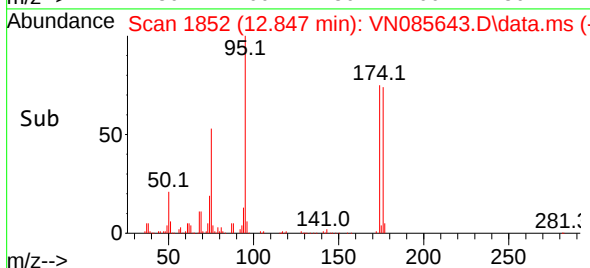
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

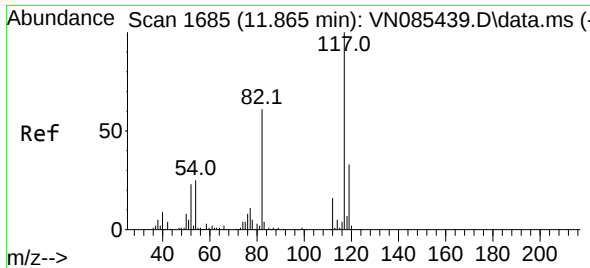


#62
4-Bromofluorobenzene
Concen: 56.384 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



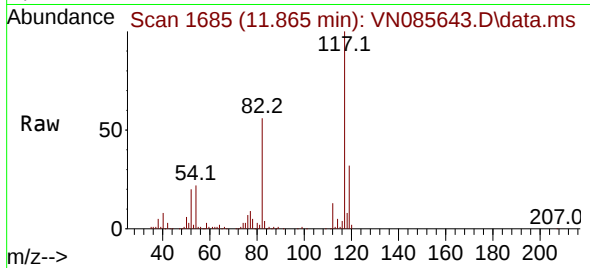
Tgt Ion: 95 Resp: 156490
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.0
176 71.8 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

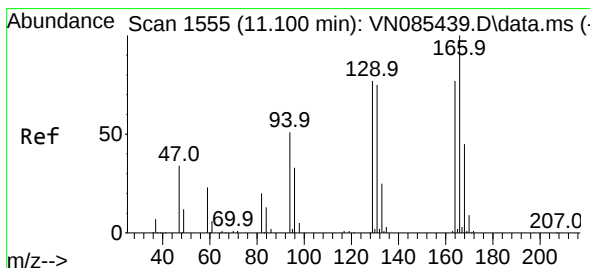
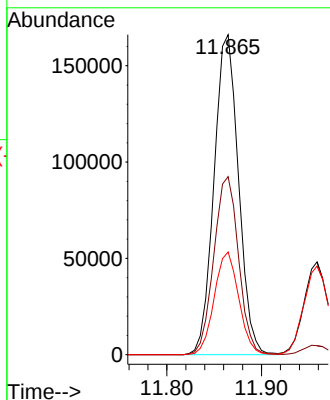
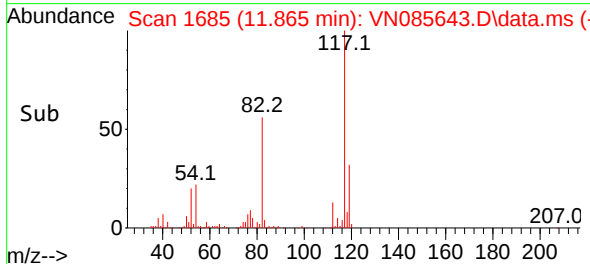
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 298588
Ion Ratio Lower Upper
117 100
82 55.6 48.6 72.8
119 32.1 26.6 39.8

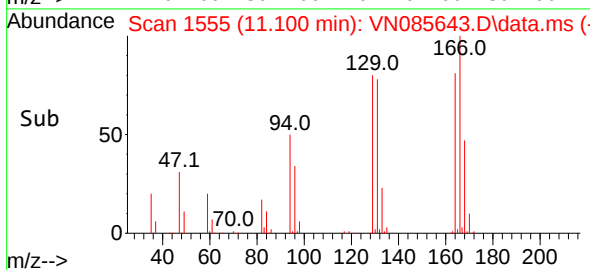
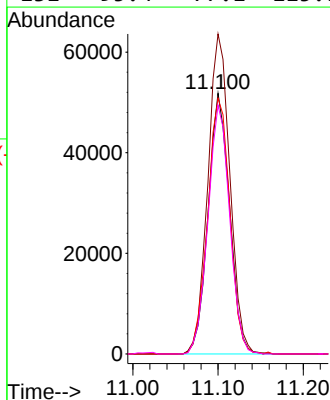
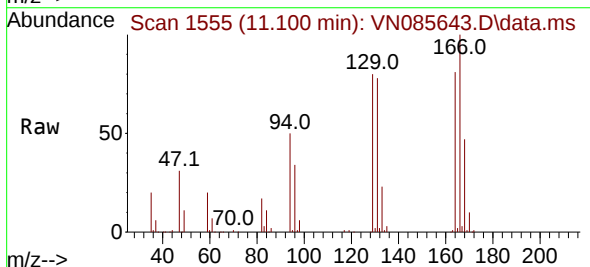
Manual Integrations
APPROVED

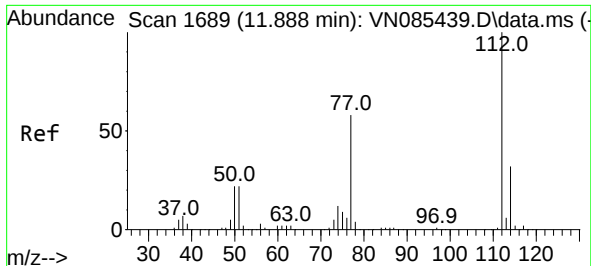
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#64
Tetrachloroethene
Concen: 44.514 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

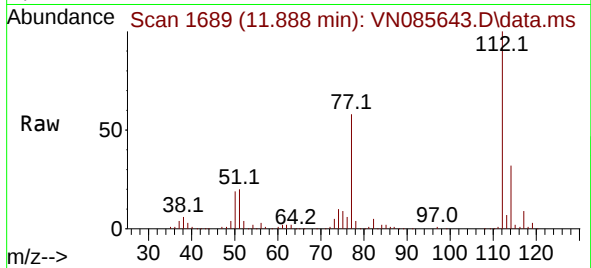
Tgt Ion:164 Resp: 90612
Ion Ratio Lower Upper
164 100
166 122.8 103.4 155.2
129 98.1 79.2 118.8
131 95.4 77.1 115.7





#65
Chlorobenzene
Concen: 50.720 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

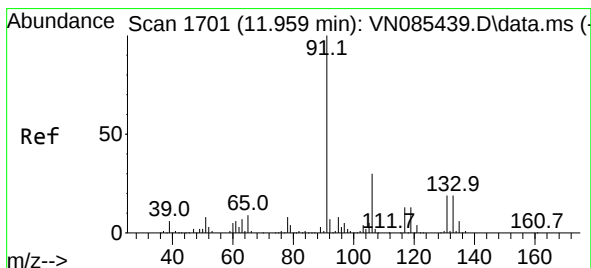
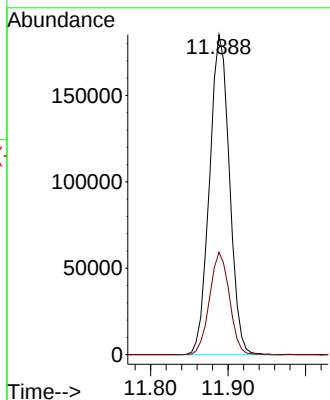
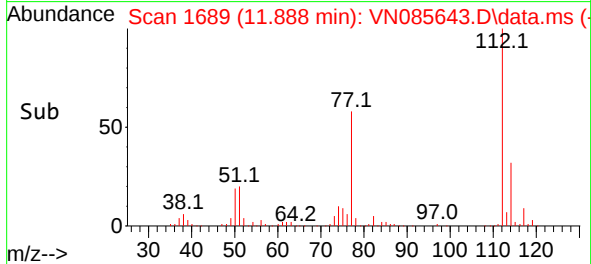
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



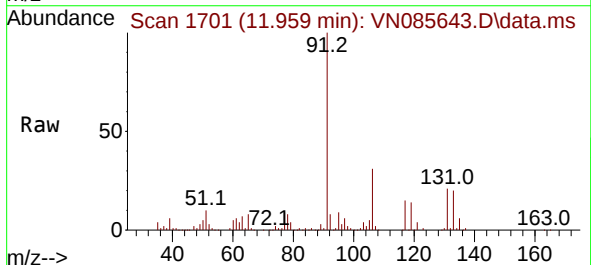
Tgt Ion:112 Resp: 33176
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

Manual Integrations
APPROVED

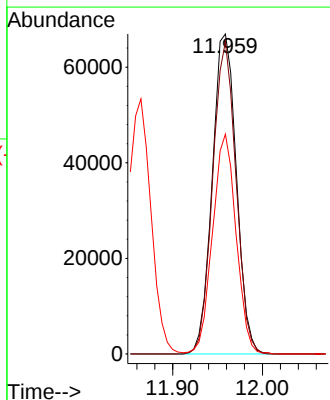
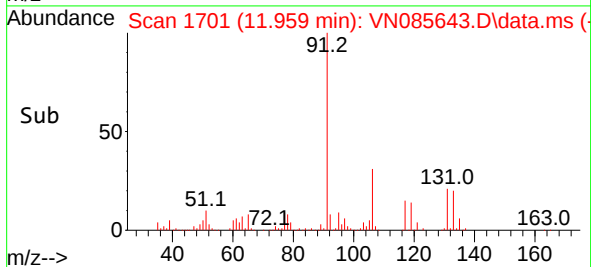
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

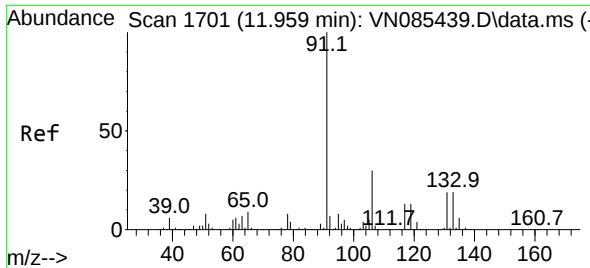


#66
1,1,1,2-Tetrachloroethane
Concen: 51.999 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



Tgt Ion:131 Resp: 124835
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.3
119 67.0 33.1 99.5





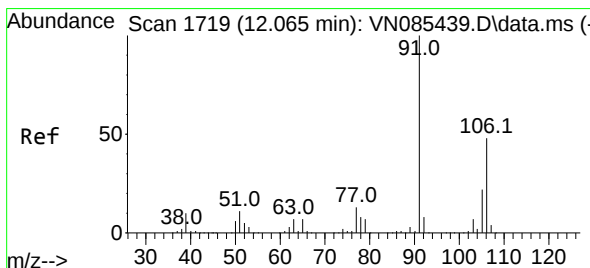
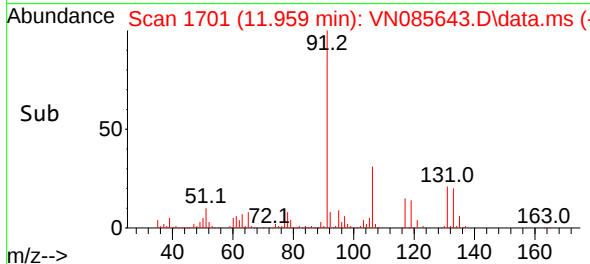
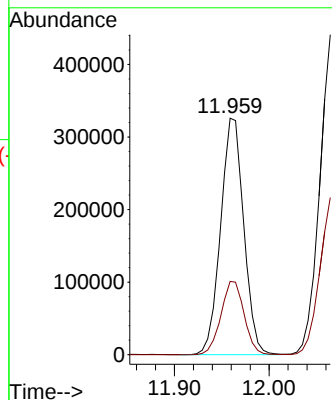
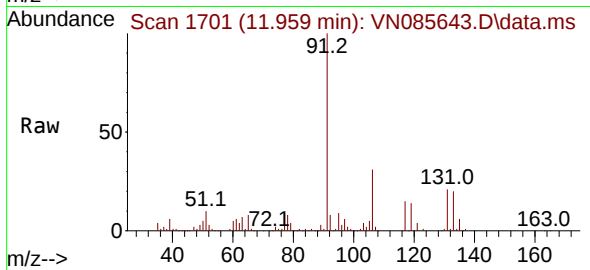
#67
Ethyl Benzene
Concen: 52.034 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 554358
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8

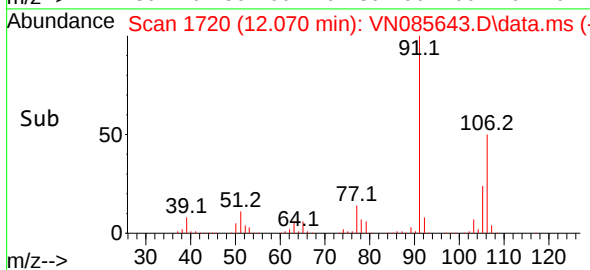
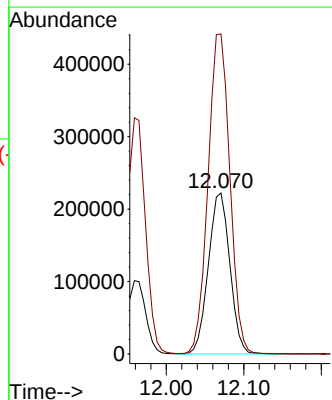
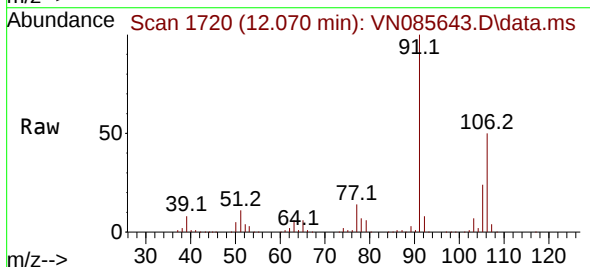
Manual Integrations
APPROVED

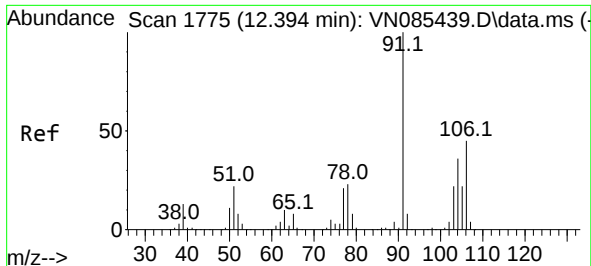
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#68
m/p-Xylenes
Concen: 108.654 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion:106 Resp: 427818
Ion Ratio Lower Upper
106 100
91 202.0 167.7 251.5





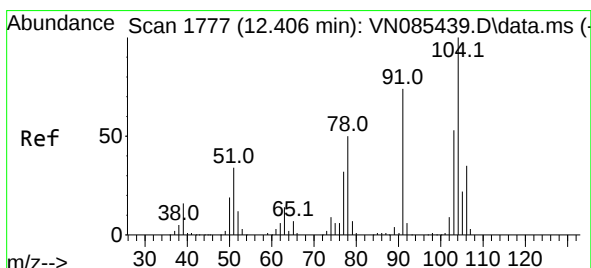
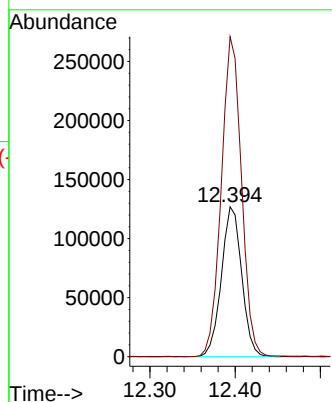
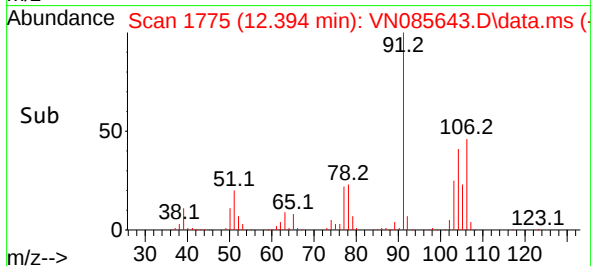
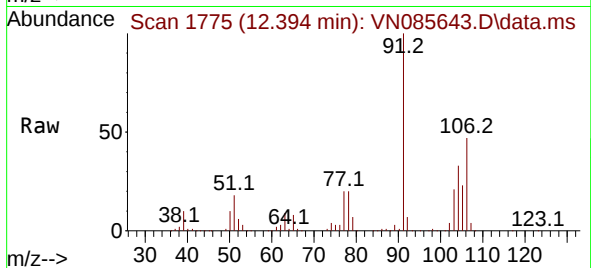
#69
o-Xylene
Concen: 55.782 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 209900
Ion Ratio Lower Upper
106 100
91 212.7 110.4 331.2

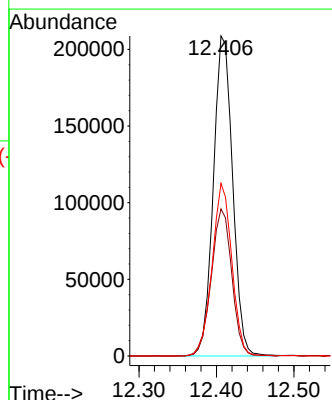
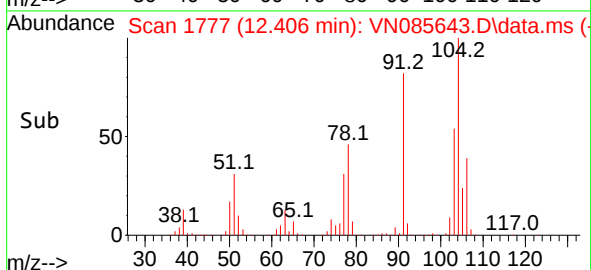
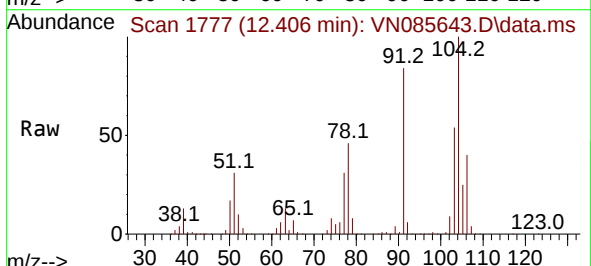
Manual Integrations
APPROVED

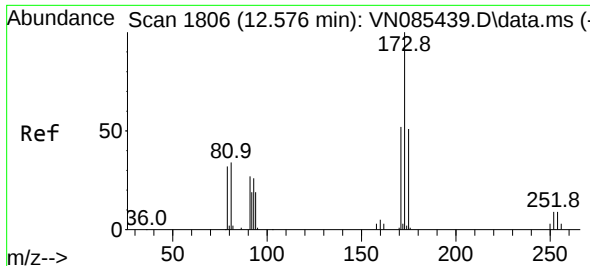
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#70
Styrene
Concen: 58.021 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

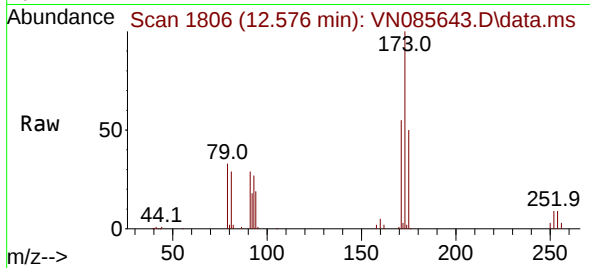
Tgt Ion:104 Resp: 361326
Ion Ratio Lower Upper
104 100
78 48.8 42.5 63.7
103 55.0 43.8 65.8





#71
Bromoform
Concen: 55.843 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

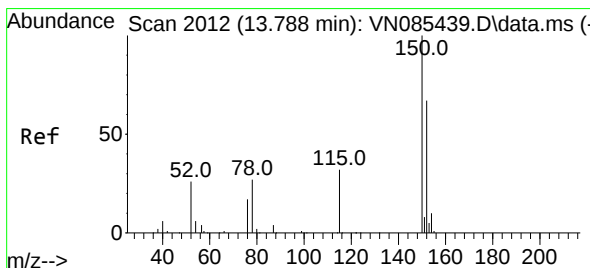
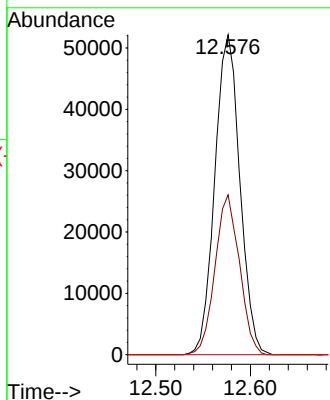
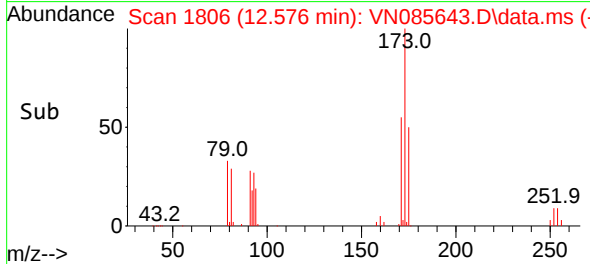
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 95924
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.2
254 0.0 0.0 0.0

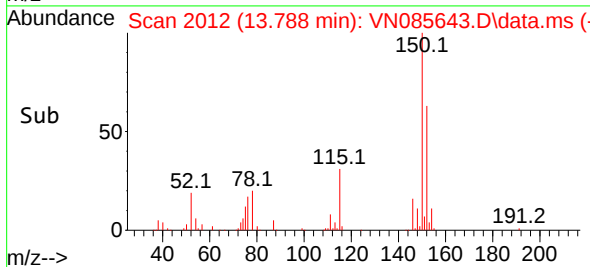
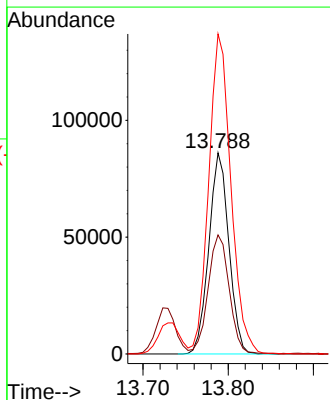
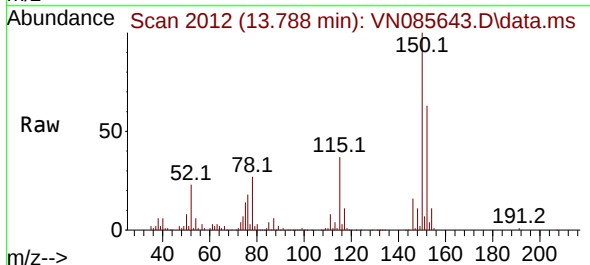
Manual Integrations
APPROVED

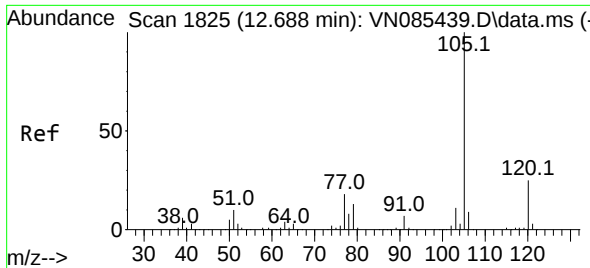
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion:152 Resp: 140510
Ion Ratio Lower Upper
152 100
115 62.6 31.1 93.3
150 176.2 0.0 343.6





#73
Isopropylbenzene
Concen: 54.523 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Instrument :

MSVOA_N

ClientSampleId :

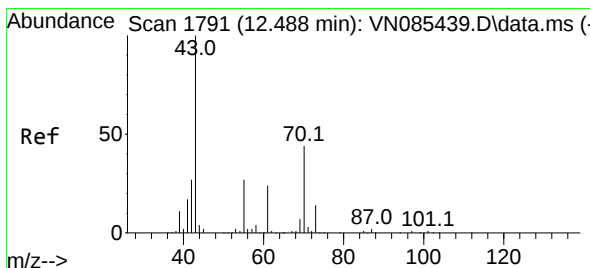
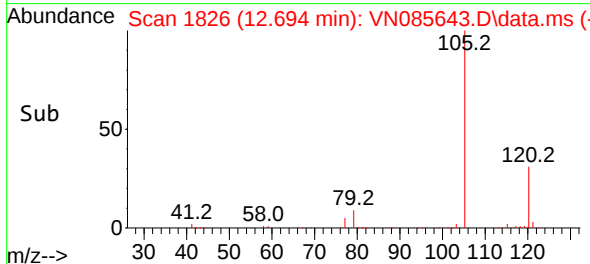
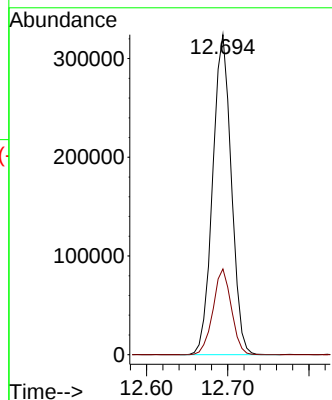
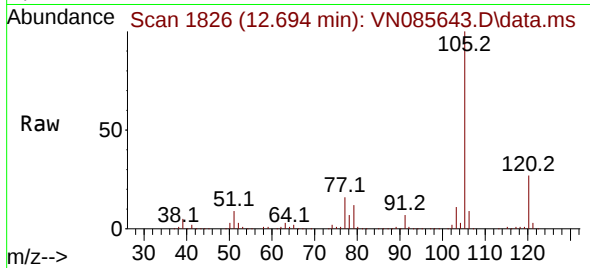
VSTDCCC050EC

Tgt Ion:105 Resp: 51705
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3

Manual Integrations

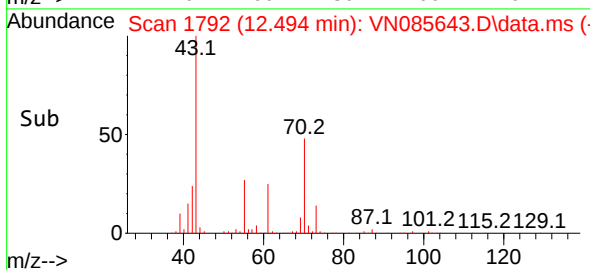
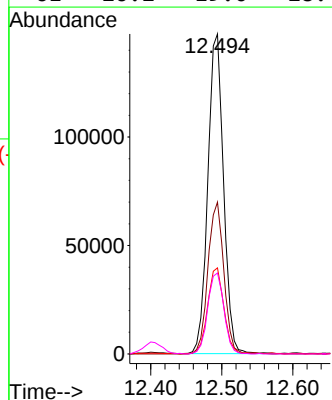
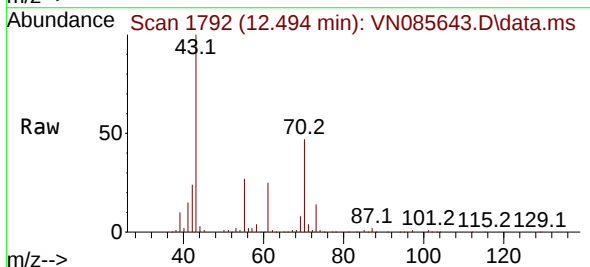
APPROVED

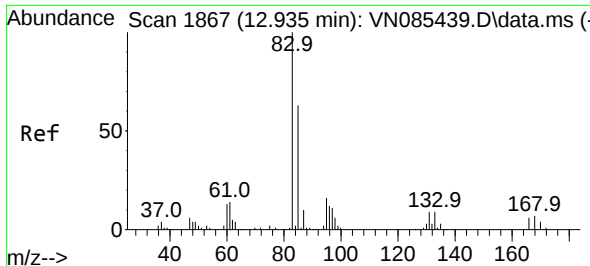
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#74
N-ethyl acetate
Concen: 53.115 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

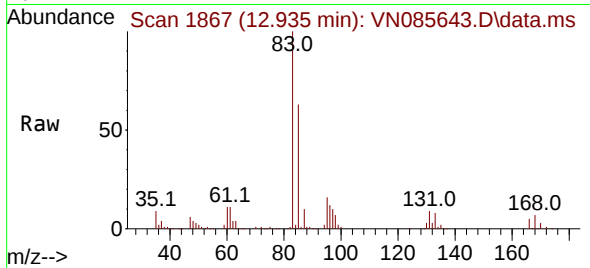
Tgt Ion: 43 Resp: 226402
Ion Ratio Lower Upper
43 100
70 48.2 34.0 51.0
55 28.3 21.4 32.2
61 26.2 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 55.459 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

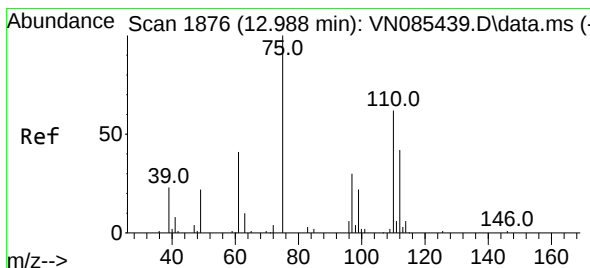
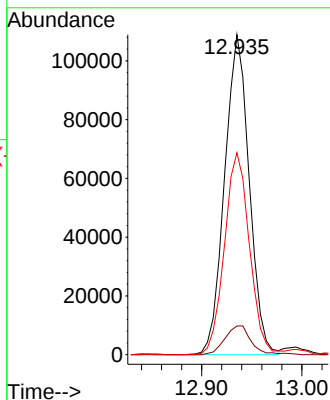
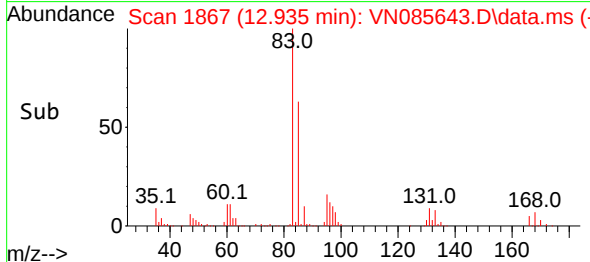
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 185780
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 64.2 32.2 96.6

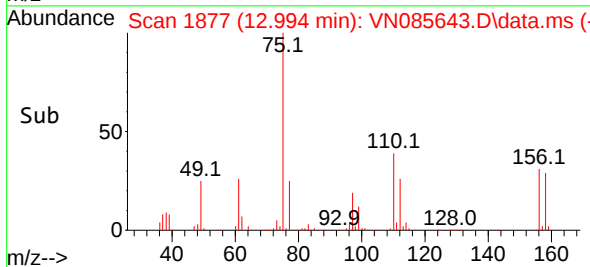
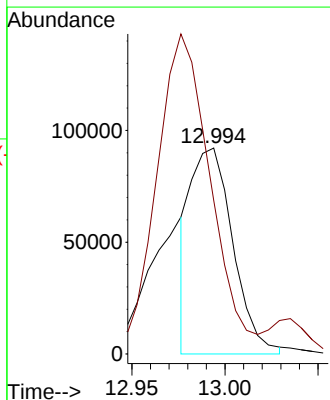
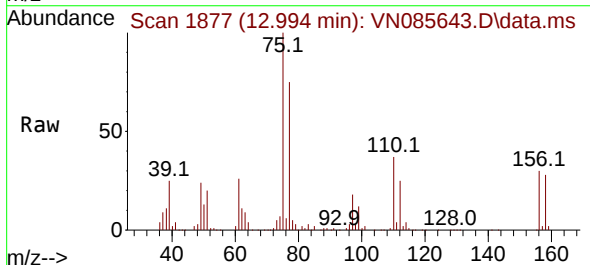
Manual Integrations
APPROVED

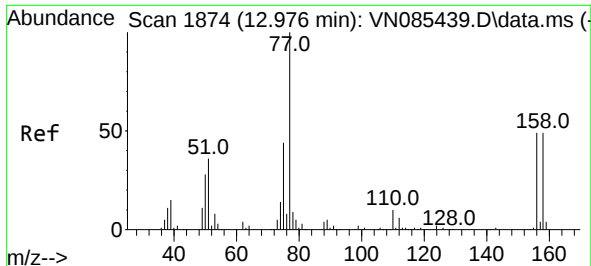
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#76
1,2,3-Trichloropropane
Concen: 50.808 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

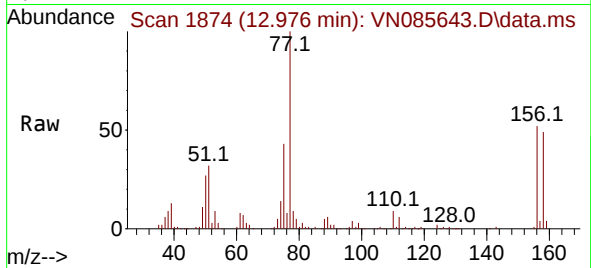
Tgt Ion: 75 Resp: 145104
Ion Ratio Lower Upper
75 100
77 198.8 109.7 329.2





#77
Bromobenzene
Concen: 52.634 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

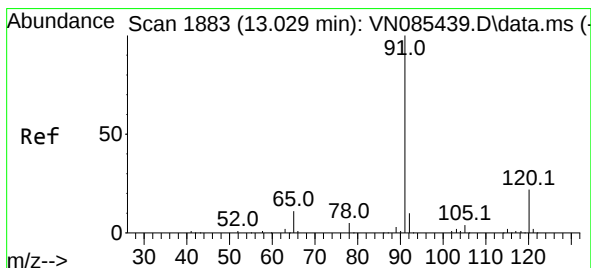
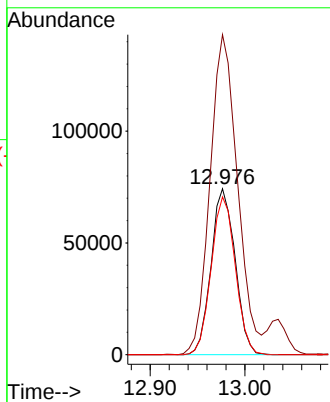
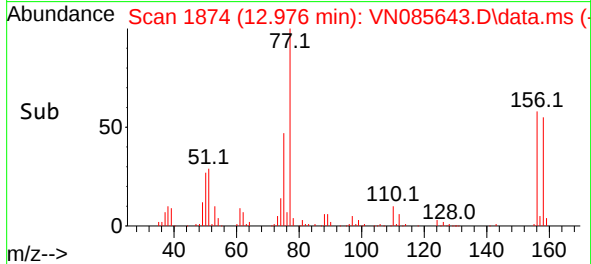
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



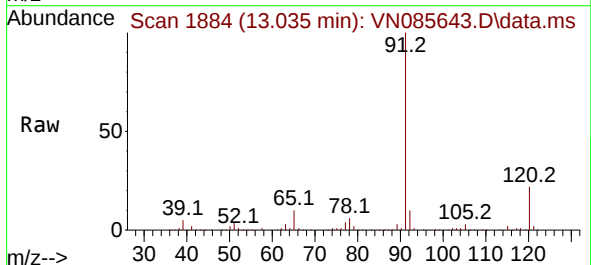
Tgt Ion:156 Resp: 13040
Ion Ratio Lower Upper
156 100
77 221.2 114.1 342.4
158 95.7 48.9 146.8

Manual Integrations
APPROVED

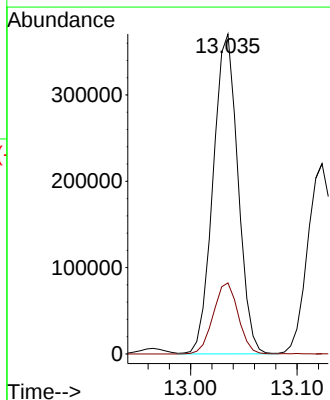
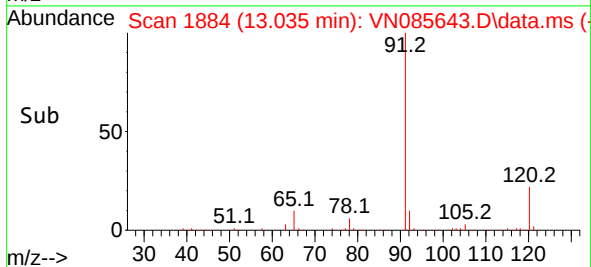
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

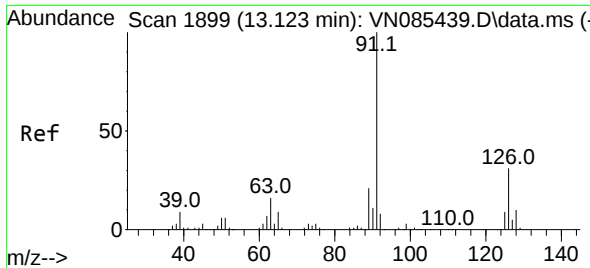


#78
n-propylbenzene
Concen: 53.441 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



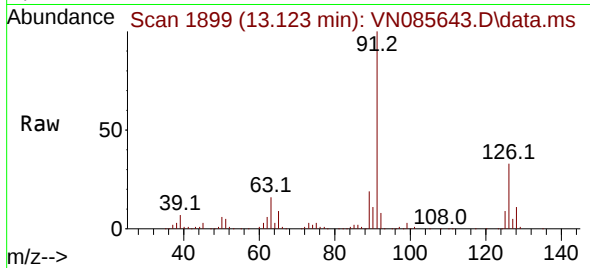
Tgt Ion: 91 Resp: 599962
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6





#79
2-Chlorotoluene
Concen: 52.202 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

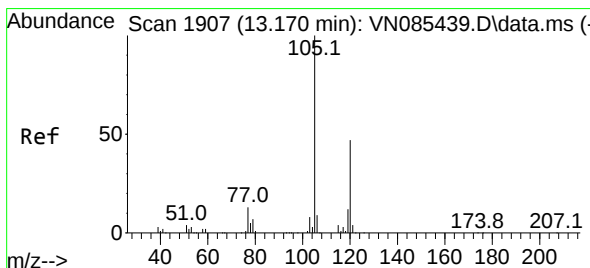
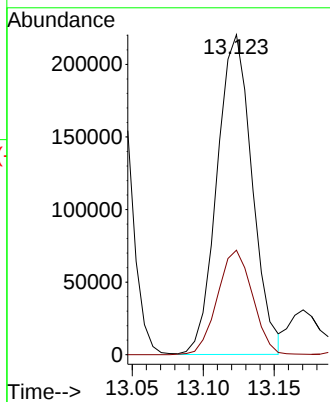
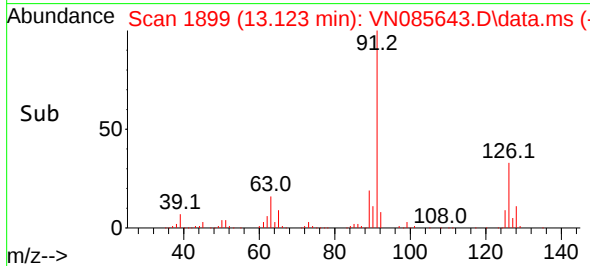
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



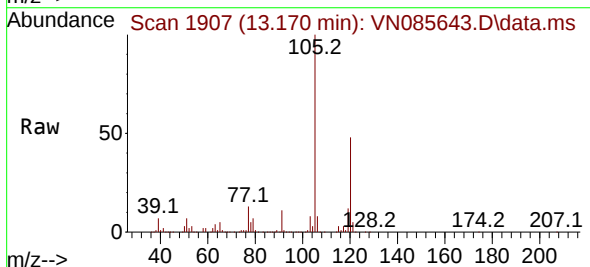
Tgt Ion: 91 Resp: 379285
Ion Ratio Lower Upper
91 100
126 32.7 15.7 47.1

Manual Integrations
APPROVED

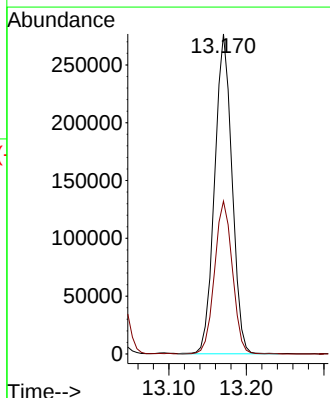
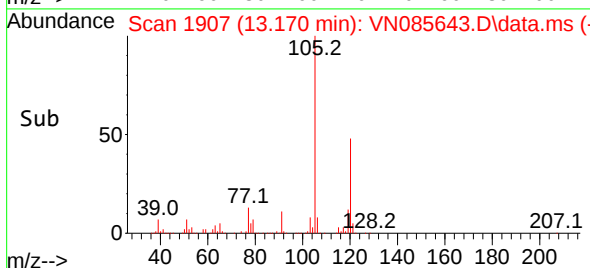
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

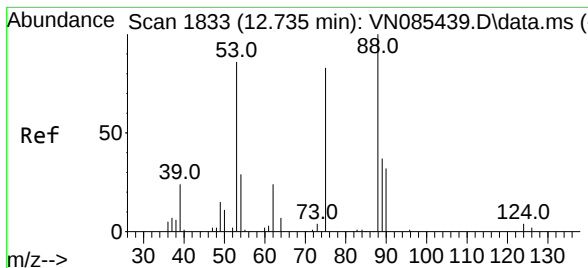


#80
1,3,5-Trimethylbenzene
Concen: 54.922 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



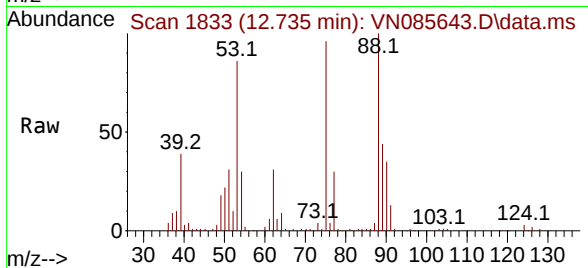
Tgt Ion:105 Resp: 430214
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 64.013 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

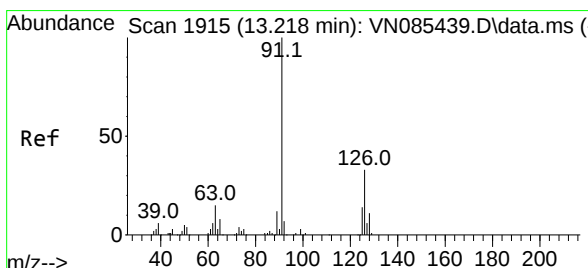
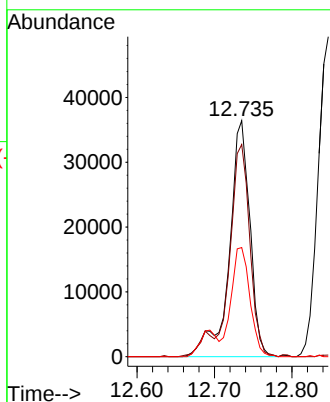
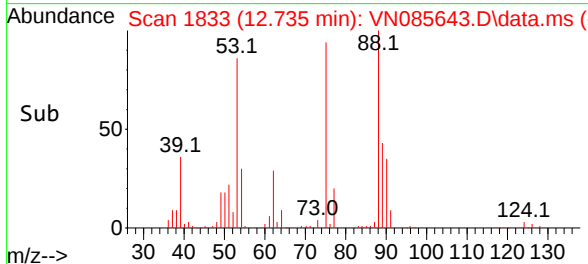
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 67570
Ion Ratio Lower Upper
75 100
53 83.8 95.6 143.4
89 42.4 37.0 55.6

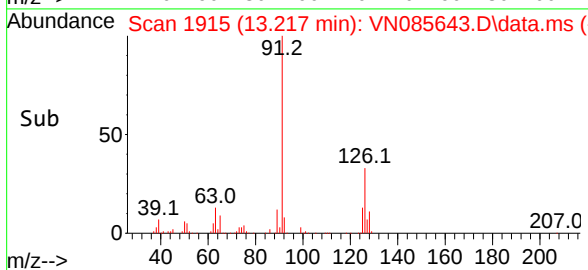
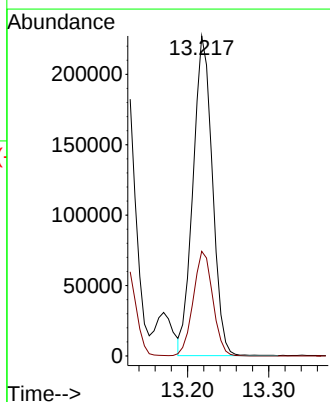
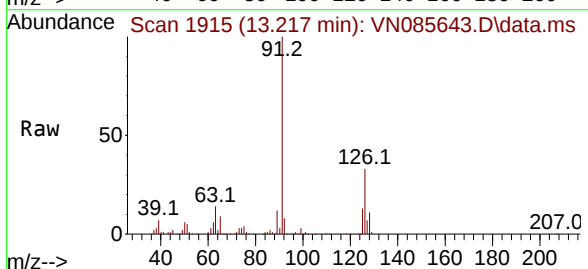
Manual Integrations
APPROVED

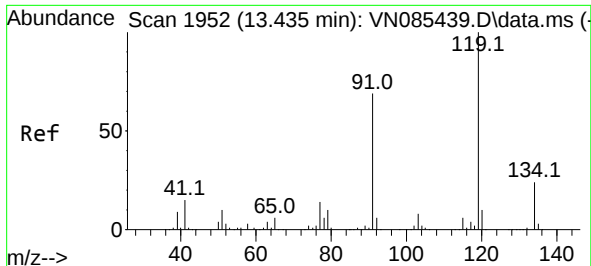
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#82
4-Chlorotoluene
Concen: 51.941 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

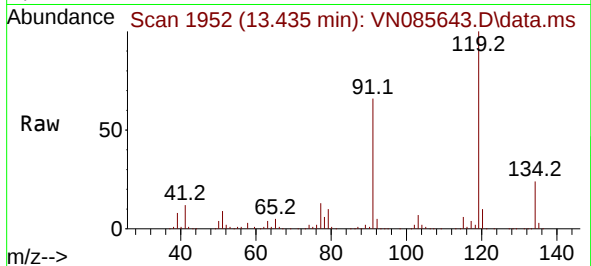
Tgt Ion: 91 Resp: 375763
Ion Ratio Lower Upper
91 100
126 33.1 15.9 47.7





#83
tert-Butylbenzene
Concen: 54.805 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

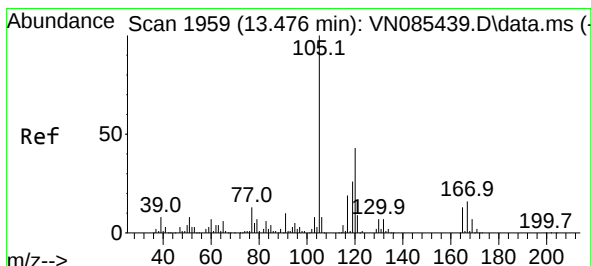
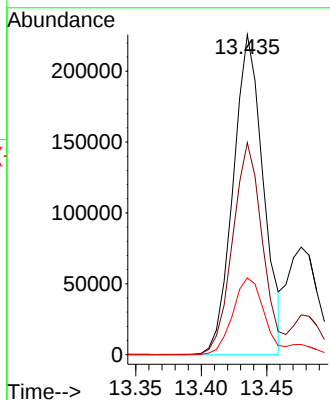
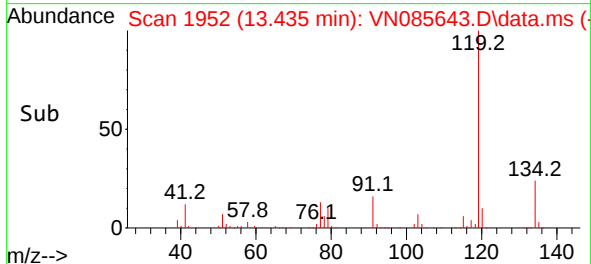
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



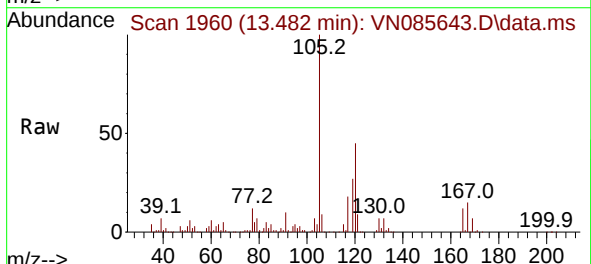
Tgt Ion:119 Resp: 360519
Ion Ratio Lower Upper
119 100
91 65.8 35.1 105.3
134 25.0 12.0 36.1

Manual Integrations
APPROVED

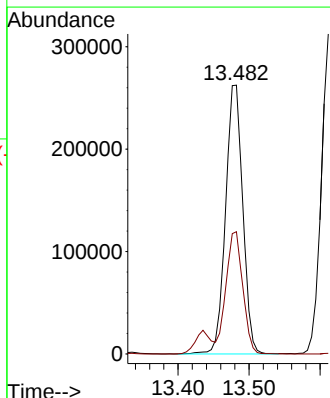
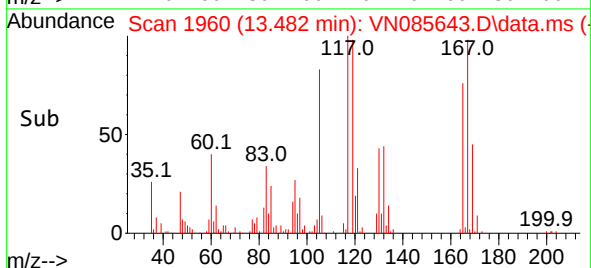
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

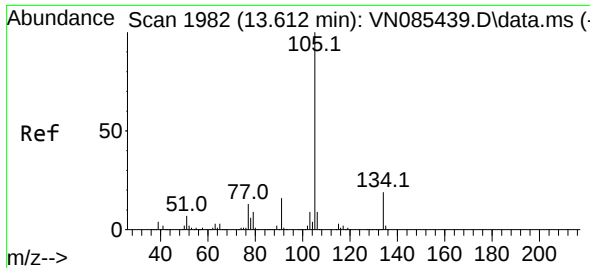


#84
1,2,4-Trimethylbenzene
Concen: 56.554 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



Tgt Ion:105 Resp: 441526
Ion Ratio Lower Upper
105 100
120 44.3 21.6 65.0





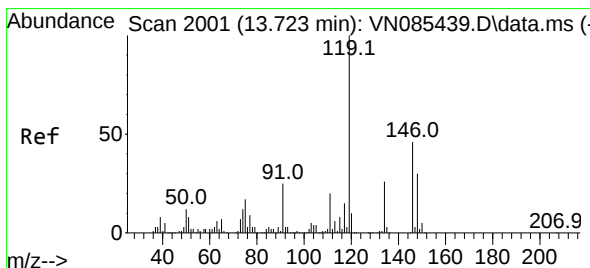
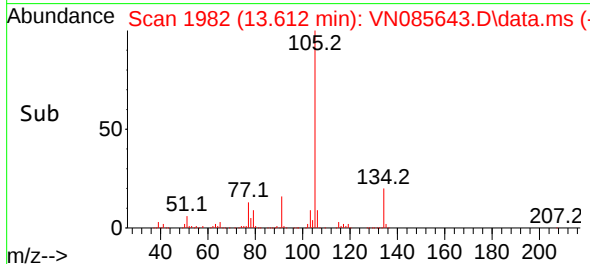
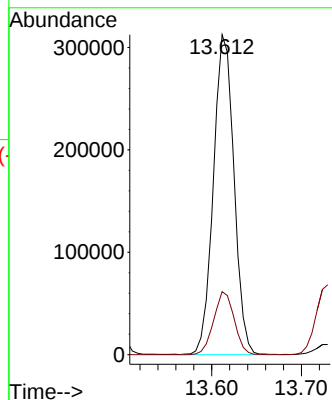
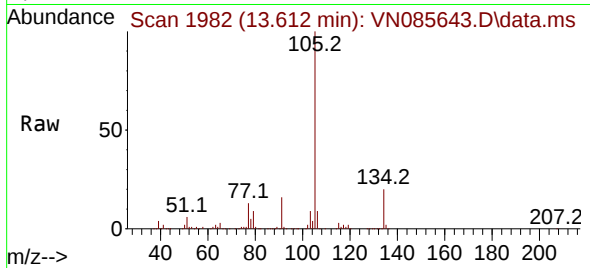
#85
 sec-Butylbenzene
 Concen: 54.645 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085643.D
 Acq: 03 Feb 2025 23:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 498199
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

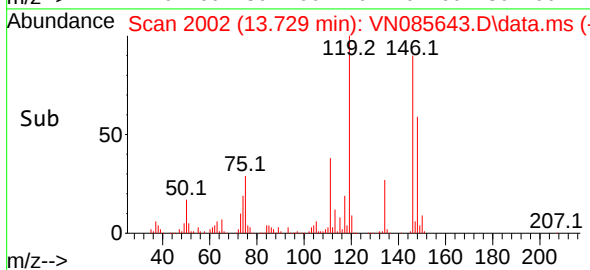
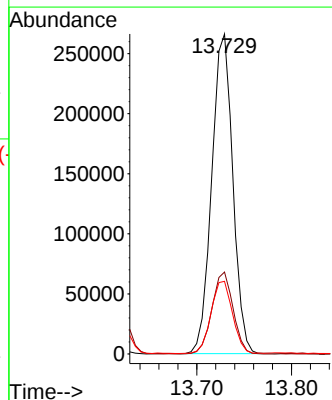
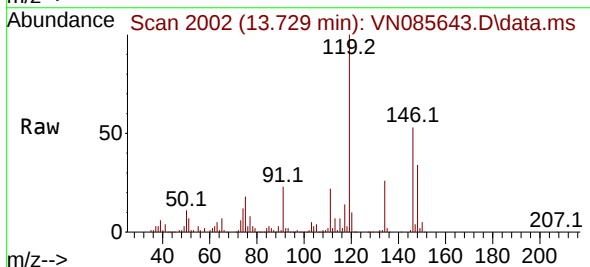
Manual Integrations
 APPROVED

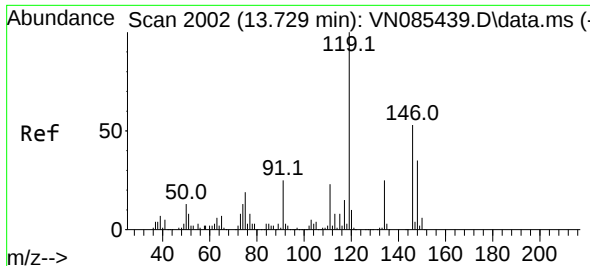
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#86
 p-Isopropyltoluene
 Concen: 50.005 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085643.D
 Acq: 03 Feb 2025 23:37

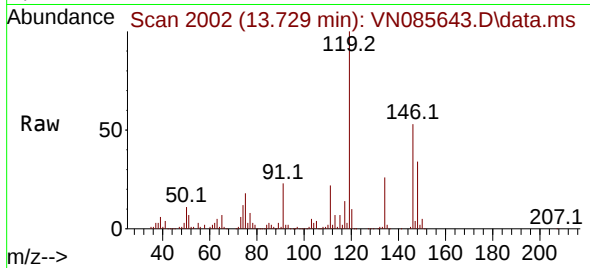
Tgt Ion:119 Resp: 410532
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.2 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 52.183 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

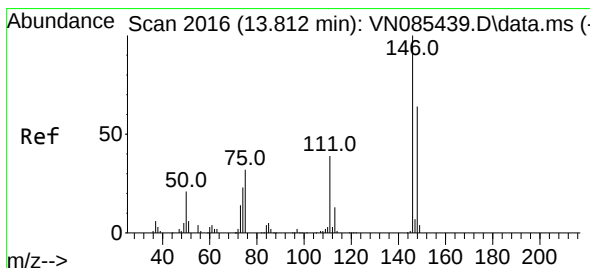
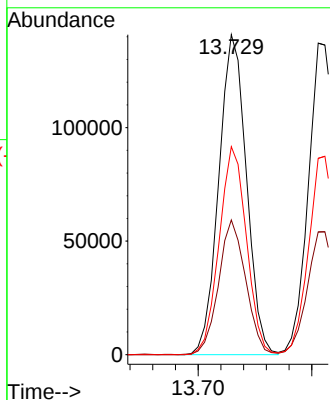
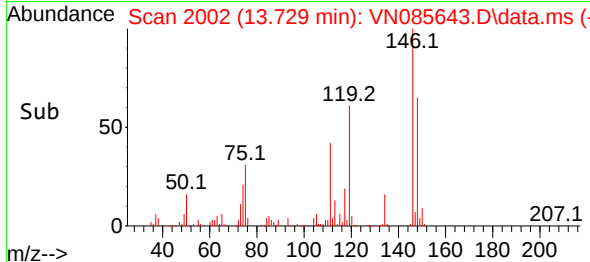
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



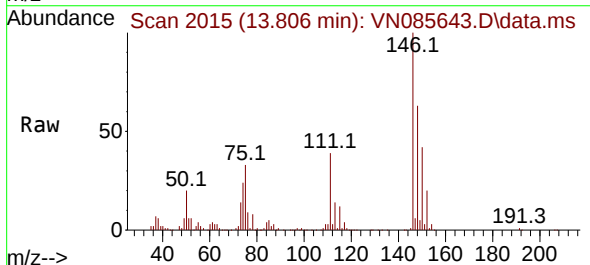
Tgt Ion:146 Resp: 23810
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.3
148 64.3 32.3 96.9

Manual Integrations
APPROVED

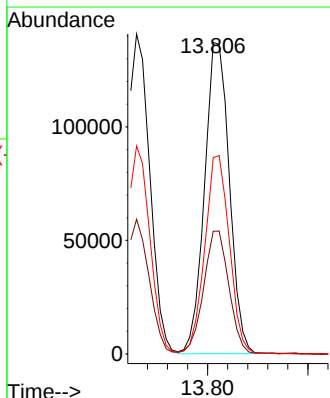
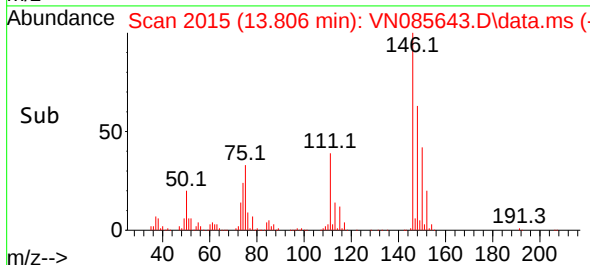
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

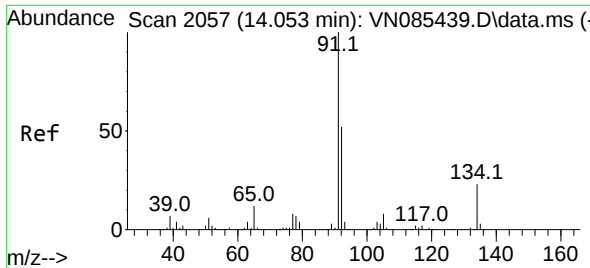


#88
1,4-Dichlorobenzene
Concen: 49.879 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37



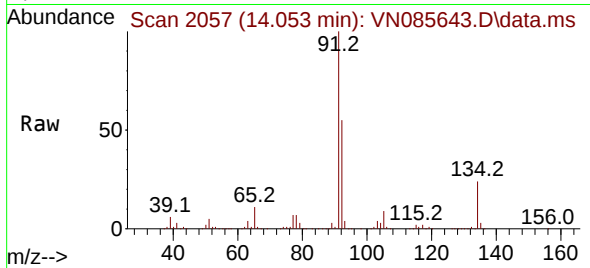
Tgt Ion:146 Resp: 235901
Ion Ratio Lower Upper
146 100
111 40.6 21.3 63.7
148 63.5 32.4 97.0





#89
n-Butylbenzene
Concen: 52.287 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

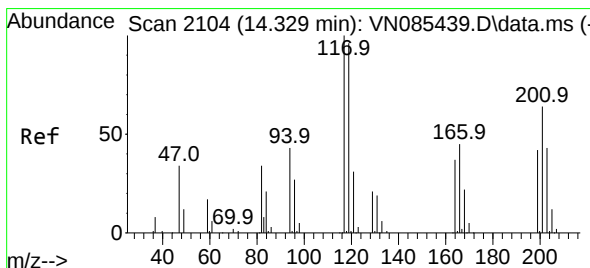
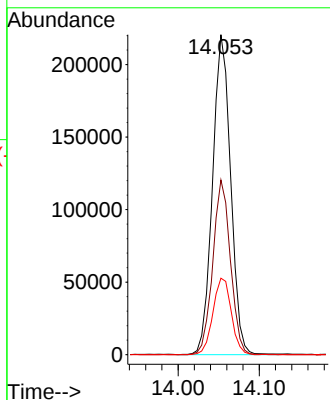
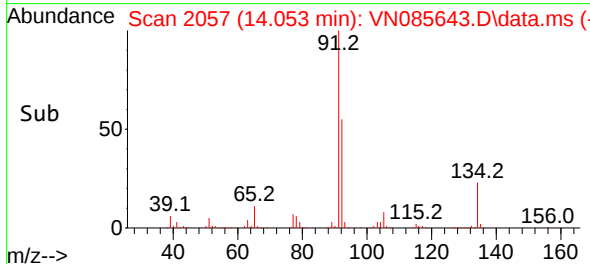
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 34199
Ion Ratio Lower Upper
91 100
92 53.2 25.8 77.3
134 24.3 11.7 35.1

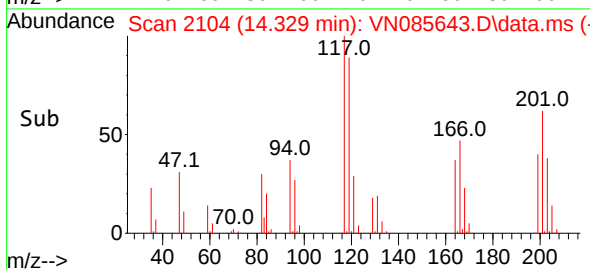
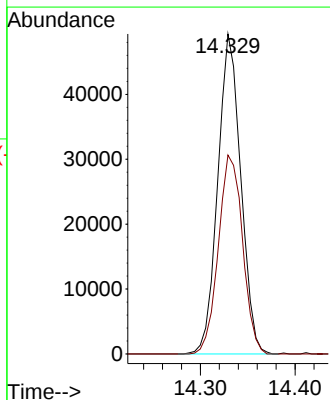
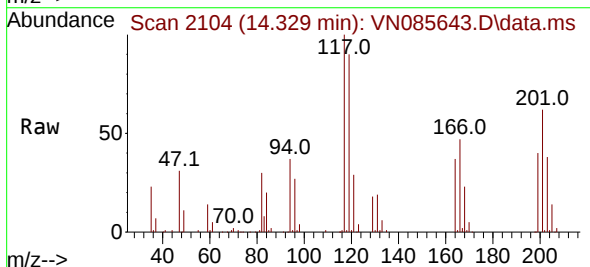
Manual Integrations
APPROVED

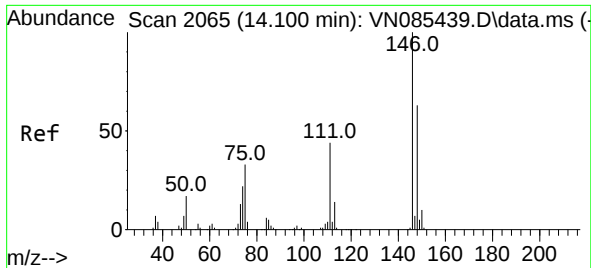
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#90
Hexachloroethane
Concen: 47.923 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

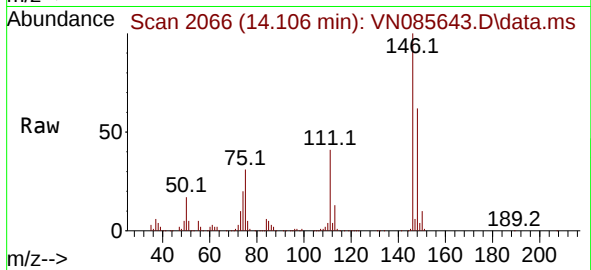
Tgt Ion:117 Resp: 83177
Ion Ratio Lower Upper
117 100
201 65.4 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 52.408 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

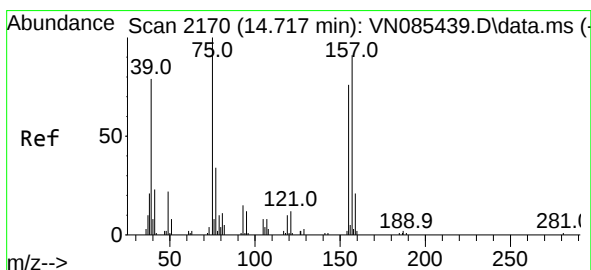
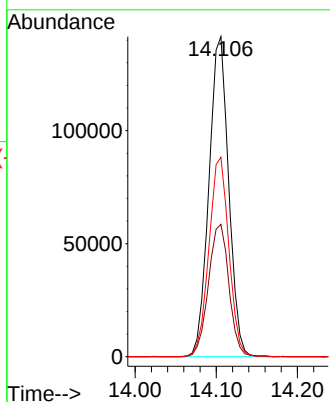
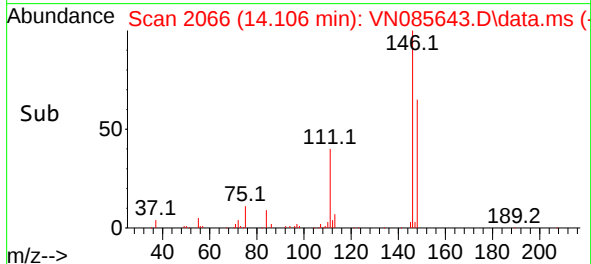
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 238520
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 63.2 31.4 94.2

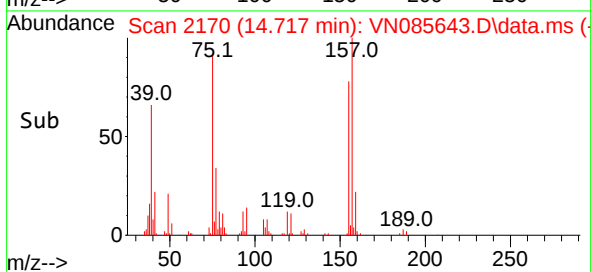
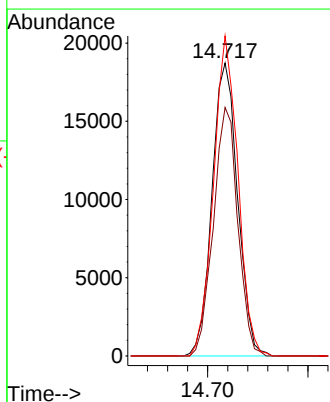
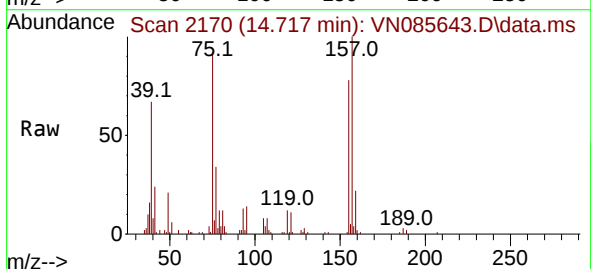
Manual Integrations
APPROVED

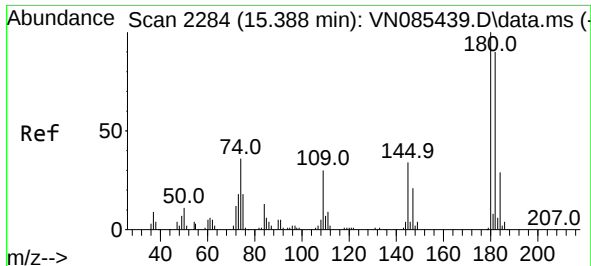
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.168 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

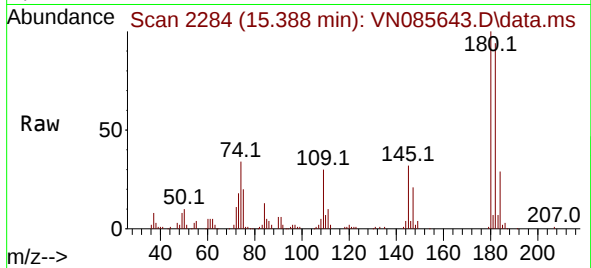
Tgt Ion: 75 Resp: 33135
Ion Ratio Lower Upper
75 100
155 81.0 36.4 109.2
157 104.6 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 52.133 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

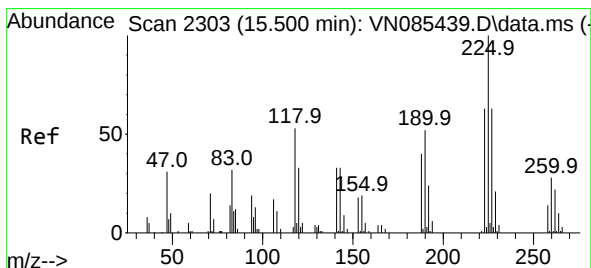
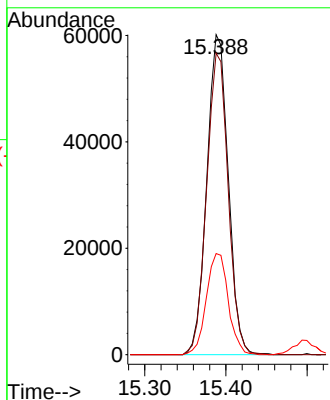
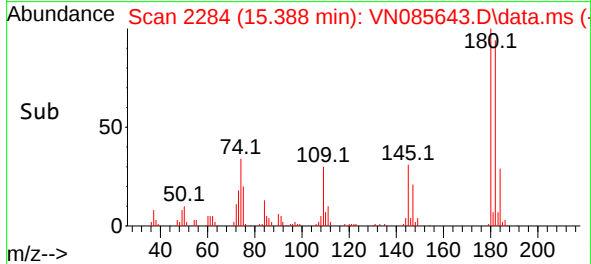
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 110279
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.3
145 32.3 16.0 48.0

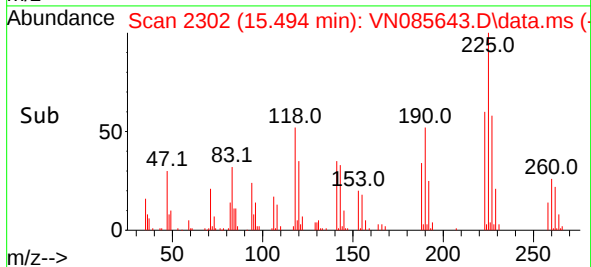
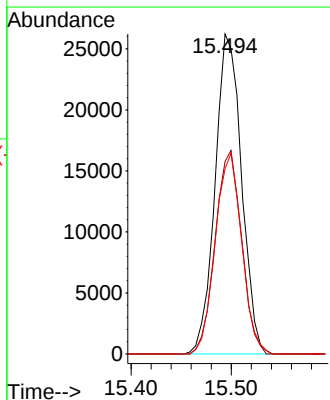
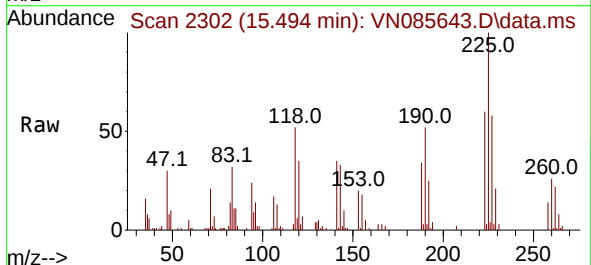
Manual Integrations
APPROVED

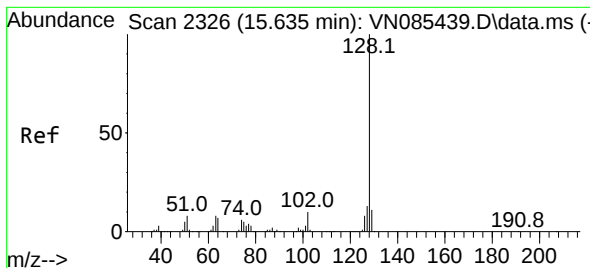
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#94
Hexachlorobutadiene
Concen: 42.710 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

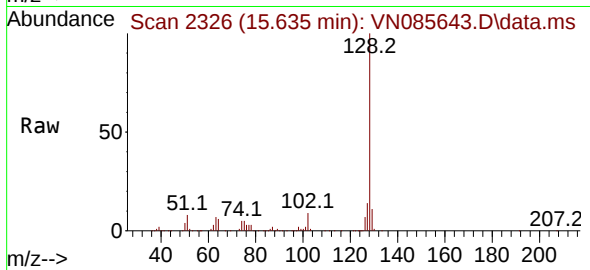
Tgt Ion:225 Resp: 47965
Ion Ratio Lower Upper
225 100
223 63.4 30.7 92.1
227 62.5 30.9 92.5





#95
Naphthalene
Concen: 60.874 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

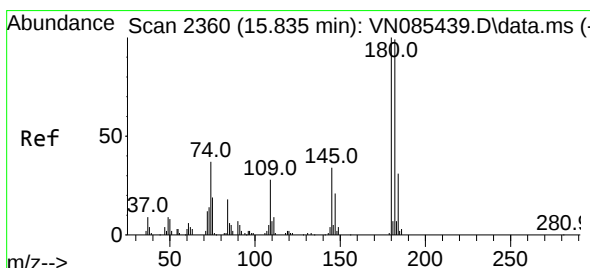
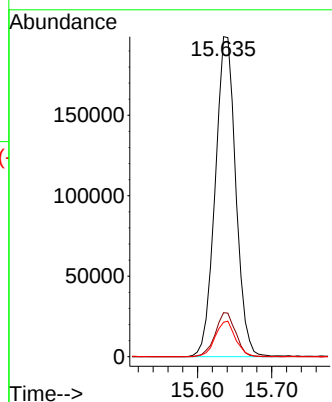
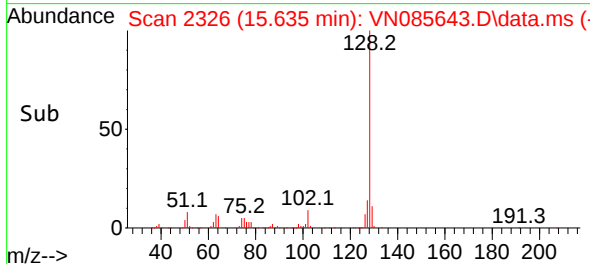
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 38425
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.992 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085643.D
Acq: 03 Feb 2025 23:37

Tgt Ion:180 Resp: 109142
Ion Ratio Lower Upper
180 100
182 93.1 47.4 142.2
145 35.2 16.9 50.7

