

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085664.D
 Acq On : 04 Feb 2025 20:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 05 01:11:17 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 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	210769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	370923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143328	42.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.260%		
35) Dibromofluoromethane	8.165	113	120407	46.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.580%		
50) Toluene-d8	10.565	98	444909	48.662	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.320%		
62) 4-Bromofluorobenzene	12.847	95	153154	48.969	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159575	55.918	ug/l	99
3) Chloromethane	2.359	50	143147	46.328	ug/l	96
4) Vinyl Chloride	2.512	62	183659	59.136	ug/l	96
5) Bromomethane	2.942	94	115182	61.398	ug/l	92
6) Chloroethane	3.112	64	111613	56.685	ug/l	99
7) Trichlorofluoromethane	3.495	101	228431	50.691	ug/l	96
8) Diethyl Ether	3.959	74	81803	52.547	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	130239	51.313	ug/l	97
10) Methyl Iodide	4.583	142	167001	57.456	ug/l	94
11) Tert butyl alcohol	5.518	59	107381	275.633	ug/l	98
12) 1,1-Dichloroethene	4.336	96	128149	56.652	ug/l	89
13) Acrolein	4.171	56	111909	210.430	ug/l	97
14) Allyl chloride	5.018	41	156910	42.748	ug/l #	94
15) Acrylonitrile	5.718	53	310565	250.976	ug/l	98
16) Acetone	4.424	43	244927	222.804	ug/l	93
17) Carbon Disulfide	4.706	76	367842	52.815	ug/l	99
18) Methyl Acetate	5.018	43	145654	43.573	ug/l #	89
19) Methyl tert-butyl Ether	5.789	73	408643	55.635	ug/l	97
20) Methylene Chloride	5.277	84	142550	52.381	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	133593	55.262	ug/l	92
22) Diisopropyl ether	6.665	45	378858	46.502	ug/l	97
23) Vinyl Acetate	6.600	43	1426001	250.107	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	245281	49.375	ug/l	98
25) 2-Butanone	7.477	43	390192	241.200	ug/l	92
26) 2,2-Dichloropropane	7.483	77	191354	47.643	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	156691	55.030	ug/l	90
28) Bromochloromethane	7.806	49	85736	37.096	ug/l #	79
29) Tetrahydrofuran	7.835	42	260766	254.248	ug/l #	85
30) Chloroform	7.965	83	252262	49.133	ug/l	96
31) Cyclohexane	8.253	56	194293	44.998	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	225602	50.093	ug/l	94
36) 1,1-Dichloropropene	8.365	75	182370	50.496	ug/l	98
37) Ethyl Acetate	7.559	43	161385	44.271	ug/l #	95
38) Carbon Tetrachloride	8.359	117	203933	49.323	ug/l	95
39) Methylcyclohexane	9.600	83	179020	52.749	ug/l	90
40) Benzene	8.600	78	563231	51.903	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	83931	44.255	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	182452	44.642	ug/l	95
43) Isopropyl Acetate	8.688	43	286907	49.118	ug/l	96
44) Trichloroethene	9.353	130	133186	52.726	ug/l	98
45) 1,2-Dichloropropane	9.618	63	132383	47.761	ug/l	98
46) Dibromomethane	9.706	93	99179	49.589	ug/l	97
47) Bromodichloromethane	9.888	83	203722	49.998	ug/l	100
48) Methyl methacrylate	9.677	41	126761	48.223	ug/l	88
49) 1,4-Dioxane	9.694	88	47549	1074.167	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	825866	243.652	ug/l	92
52) Toluene	10.629	92	352156	56.008	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201882	52.428	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	217990	52.999	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	132983	53.443	ug/l	98
56) Ethyl methacrylate	10.871	69	209546	49.991	ug/l	88
57) 1,3-Dichloropropane	11.159	76	225162	52.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	309122	195.762	ug/l	95
59) 2-Hexanone	11.194	43	608742	255.240	ug/l	90
60) Dibromochloromethane	11.359	129	157763	52.516	ug/l	99
61) 1,2-Dibromoethane	11.465	107	134316	54.228	ug/l	98
64) Tetrachloroethene	11.100	164	115593	51.189	ug/l	99
65) Chlorobenzene	11.888	112	389431	53.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	134229	50.402	ug/l	99
67) Ethyl Benzene	11.959	91	660992	55.928	ug/l	99
68) m/p-Xylenes	12.070	106	515763	118.079	ug/l	93
69) o-Xylene	12.394	106	245286	58.761	ug/l	95
70) Styrene	12.412	104	410076	59.359	ug/l	96
71) Bromoform	12.576	173	103515	54.323	ug/l #	99
73) Isopropylbenzene	12.694	105	610580	57.650	ug/l	99
74) N-amyl acetate	12.494	43	239434	50.296	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	191782	51.261	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	155602m	48.784	ug/l	
77) Bromobenzene	12.976	156	147291	53.229	ug/l	93
78) n-propylbenzene	13.035	91	692980	55.269	ug/l	98
79) 2-Chlorotoluene	13.123	91	427216	52.647	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	496596	56.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	66887	56.737	ug/l	85
82) 4-Chlorotoluene	13.217	91	429304	53.134	ug/l	96
83) tert-Butylbenzene	13.435	119	411529	56.016	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	499092	57.240	ug/l	97
85) sec-Butylbenzene	13.612	105	569818	55.962	ug/l	99
86) p-Isopropyltoluene	13.729	119	475841	51.682	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	264789	51.961	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	262072	49.616	ug/l	97
89) n-Butylbenzene	14.053	91	382769	52.399	ug/l	99
90) Hexachloroethane	14.329	117	93994	48.490	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	256034	50.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33940	49.679	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	118657	50.226	ug/l	100
94) Hexachlorobutadiene	15.500	225	52232	41.644	ug/l	98
95) Naphthalene	15.641	128	399927	56.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116351	48.673	ug/l	100

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

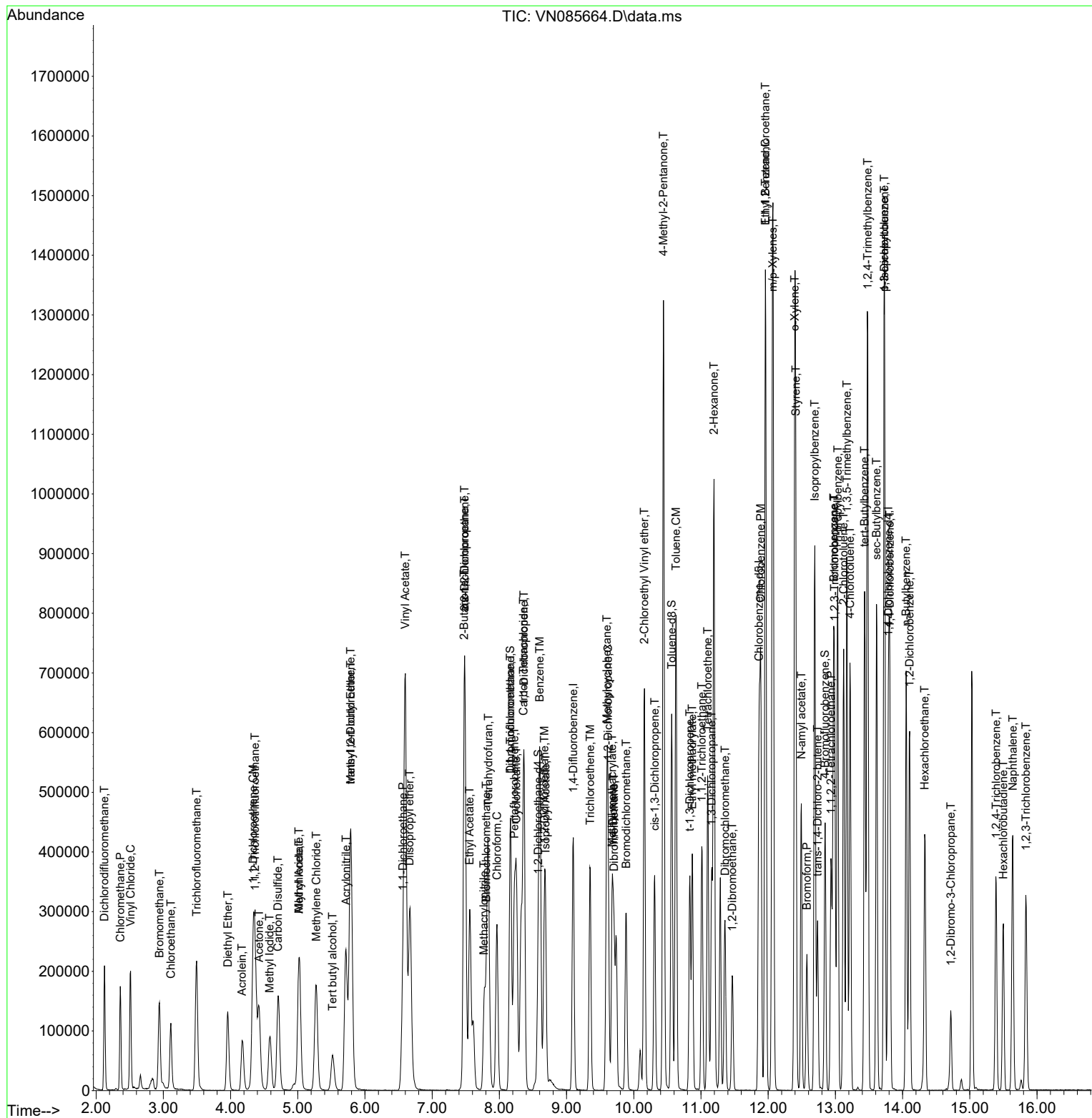
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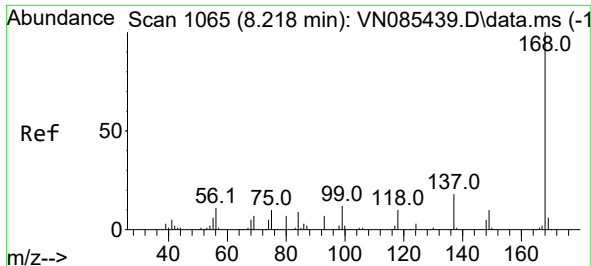
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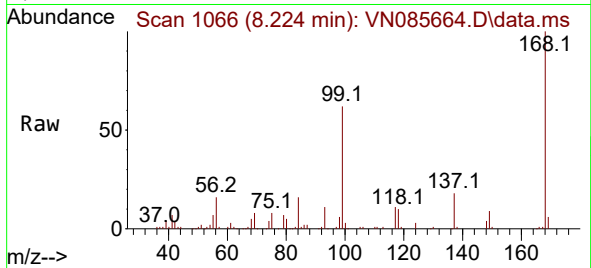
Reviewed By :John Carlone 02/05/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

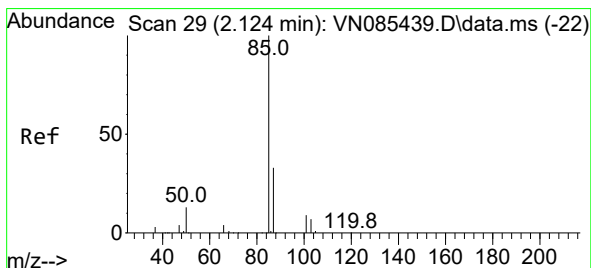
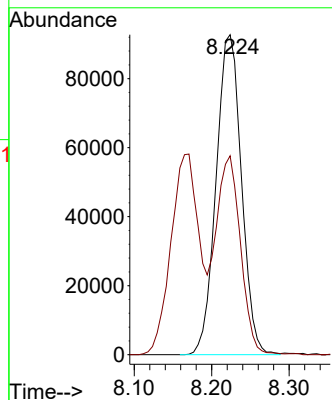
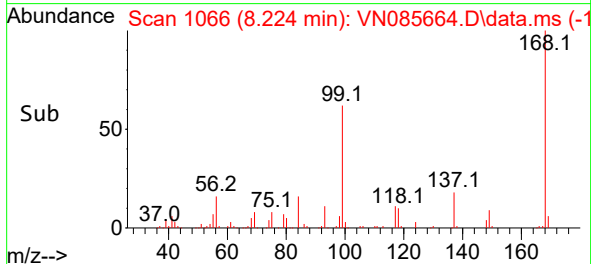
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MSVOA_N
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Tgt Ion:168 Resp: 210769
Ion Ratio Lower Upper
168 100
99 61.8 53.6 80.4

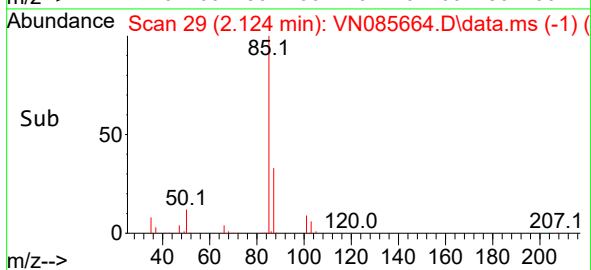
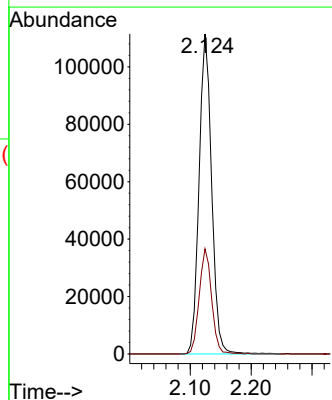
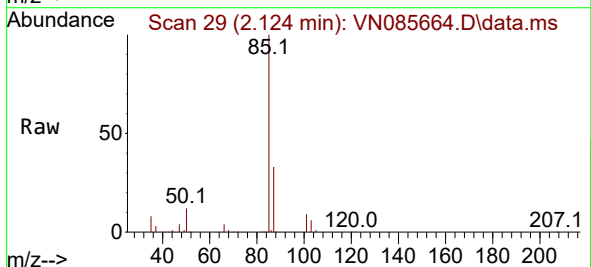
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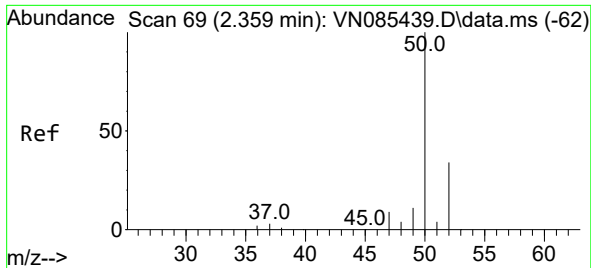
Reviewed By :John Carlone 02/05/2025
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#2
Dichlorodifluoromethane
Concen: 55.918 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

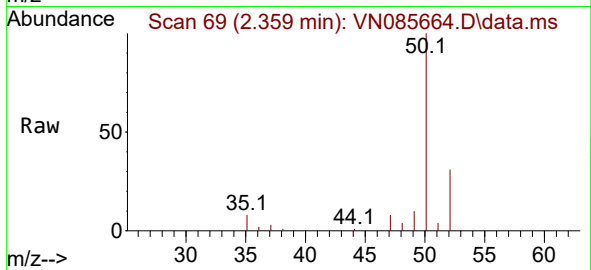
Tgt Ion: 85 Resp: 159575
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3
Chloromethane
Concen: 46.328 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

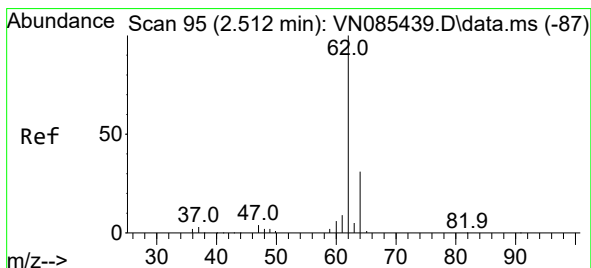
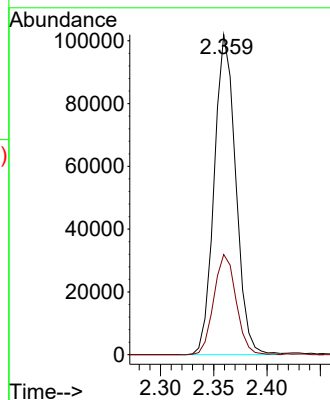
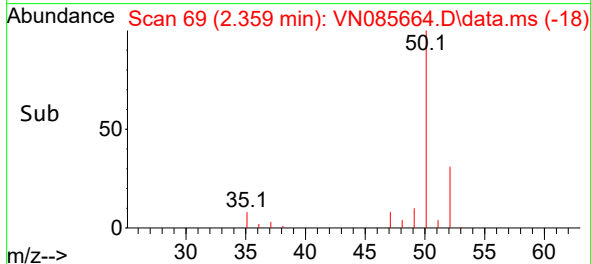
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Tgt Ion: 50 Resp: 14314
Ion Ratio Lower Upper
50 100
52 31.3 27.0 40.6

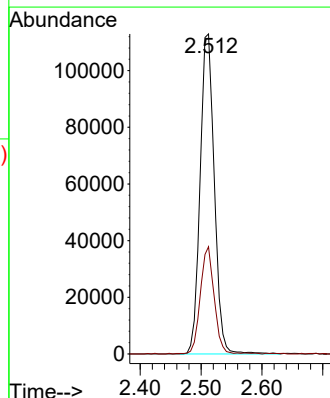
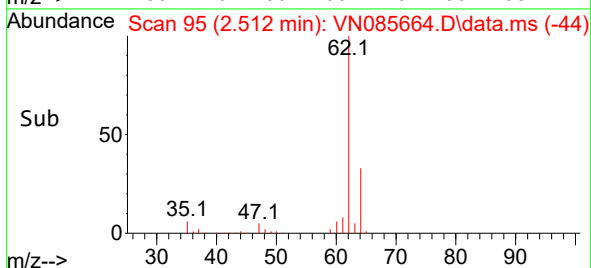
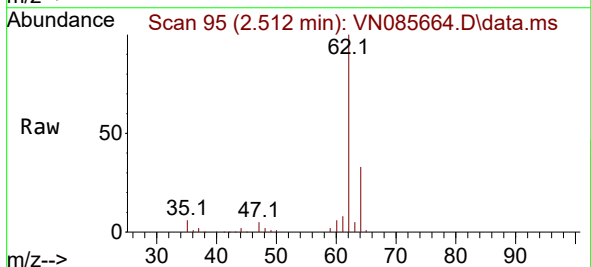
Manual Integrations
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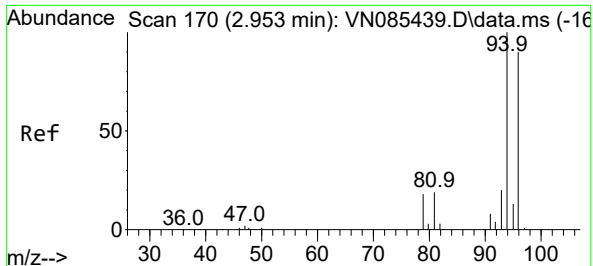
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#4
Vinyl Chloride
Concen: 59.136 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

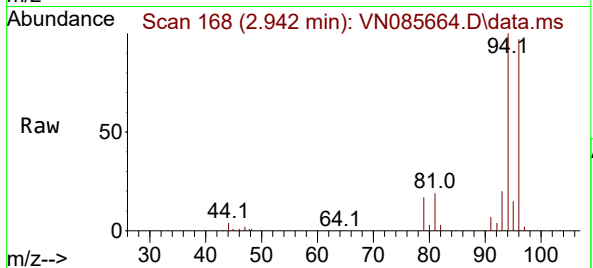
Tgt Ion: 62 Resp: 183659
Ion Ratio Lower Upper
62 100
64 33.3 24.8 37.2





#5
Bromomethane
Concen: 61.398 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

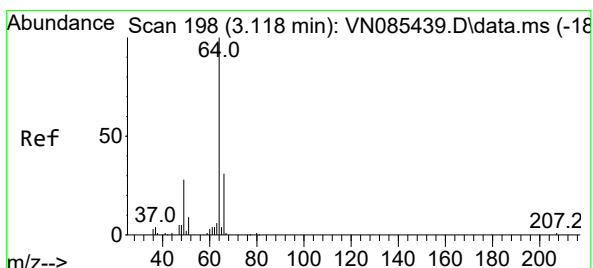
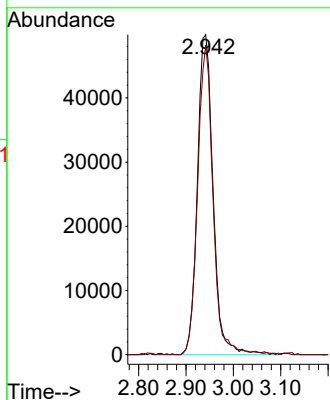
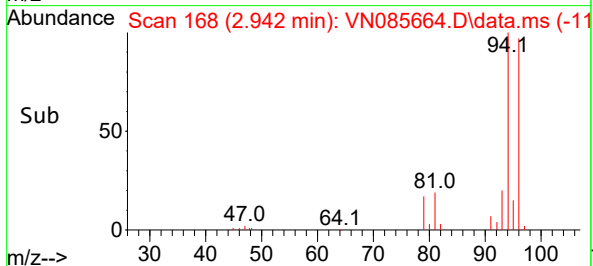
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Tgt Ion: 94 Resp: 11518
Ion Ratio Lower Upper
94 100
96 96.8 71.8 107.6

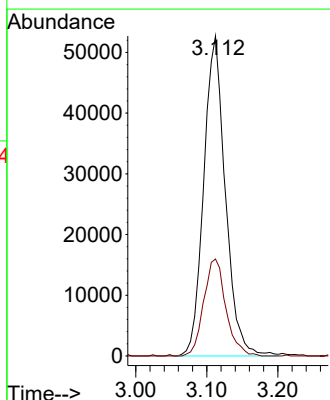
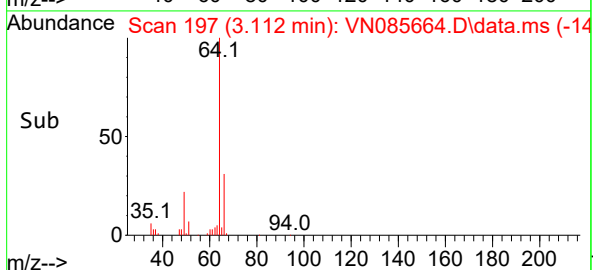
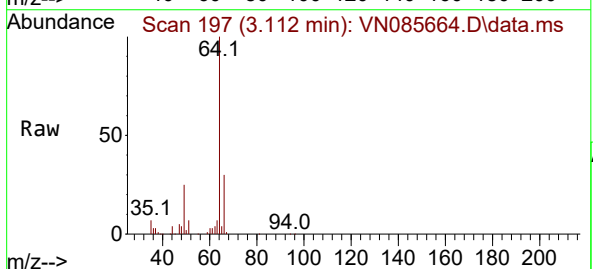
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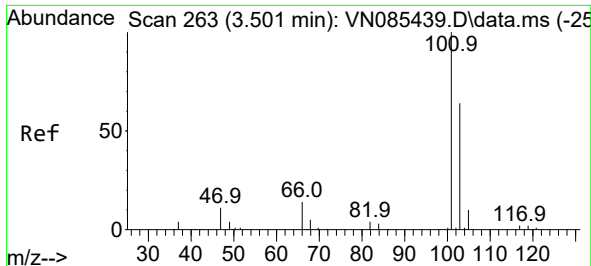
Reviewed By :John Carlone 02/05/2025
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#6
Chloroethane
Concen: 56.685 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion: 64 Resp: 111613
Ion Ratio Lower Upper
64 100
66 30.3 24.6 36.8





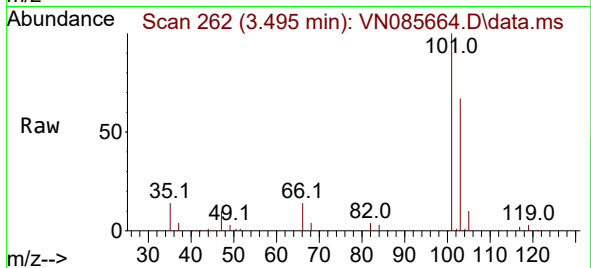
#7
Trichlorofluoromethane
Concen: 50.691 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Instrument :

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ClientSampleId :

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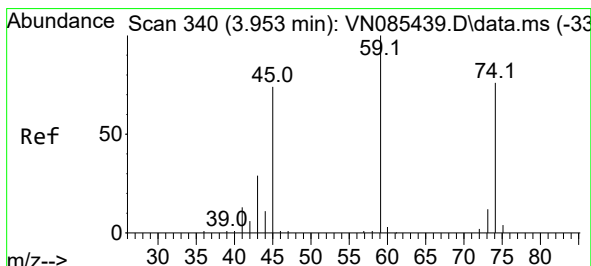
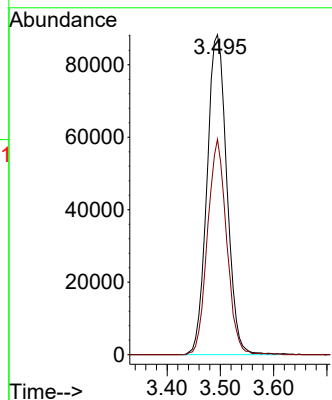
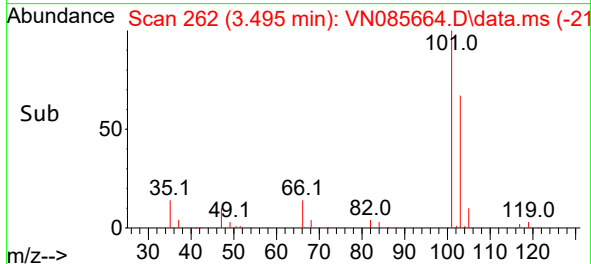


Tgt Ion:101 Resp: 22843
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.2

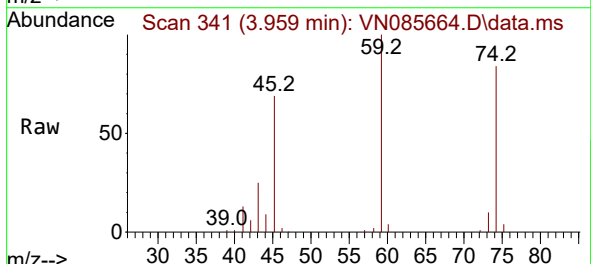
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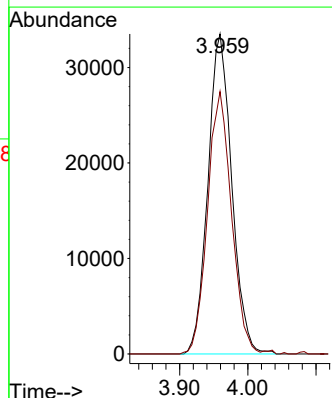
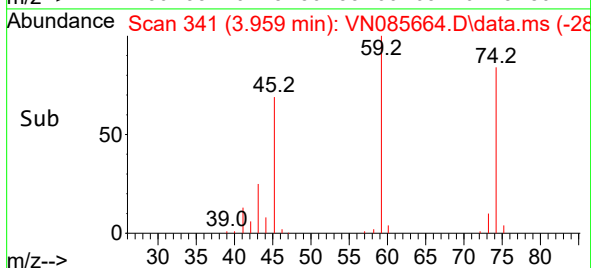
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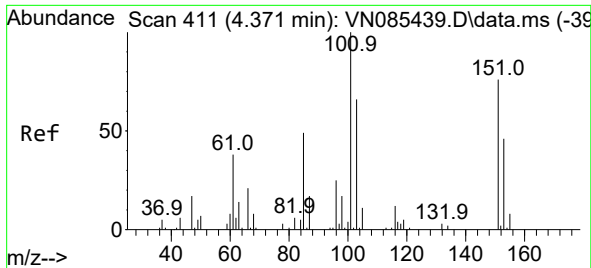


#8
Diethyl Ether
Concen: 52.547 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



Tgt Ion: 74 Resp: 81803
Ion Ratio Lower Upper
74 100
45 82.0 49.7 149.1





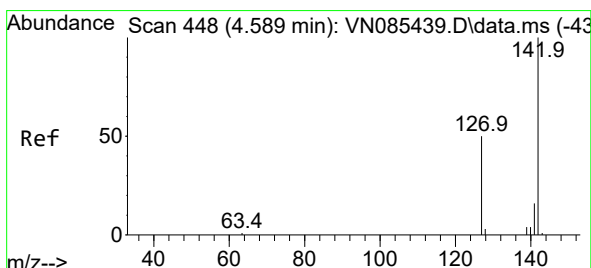
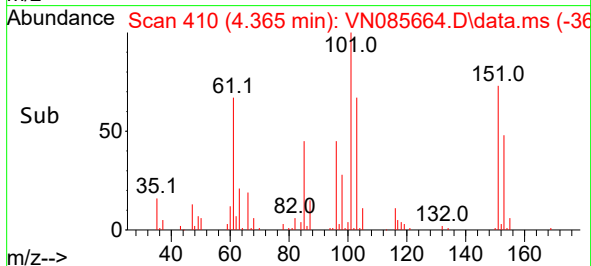
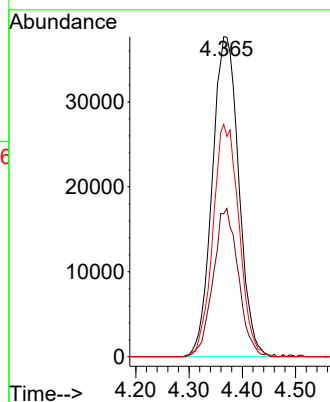
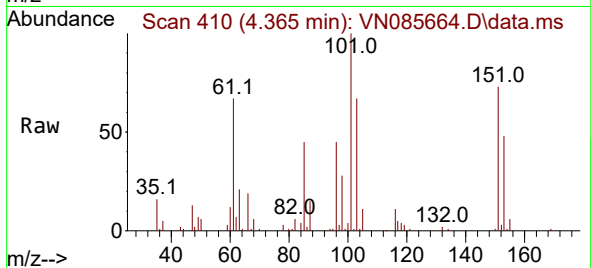
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.313 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130239
Ion Ratio Lower Upper
101 100
85 43.9 37.8 56.8
151 71.6 58.8 88.2

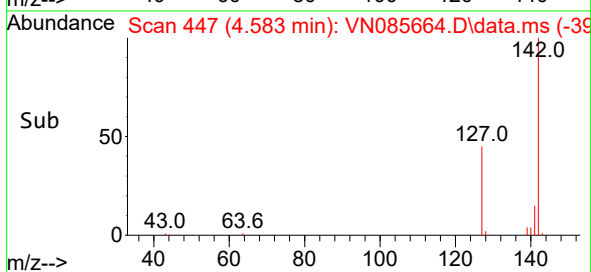
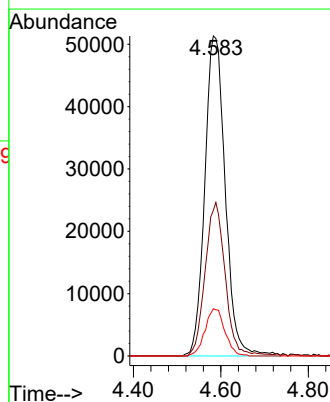
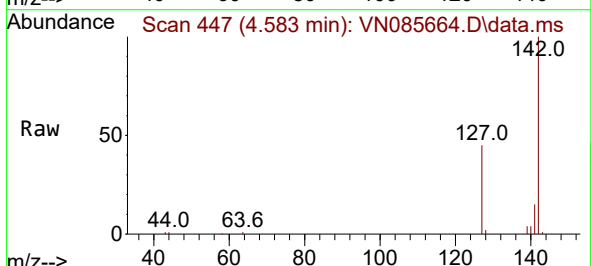
Manual Integrations
APPROVED

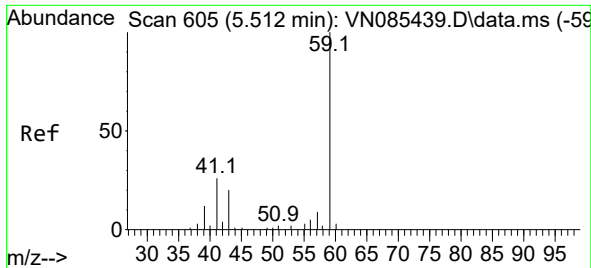
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 57.456 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion:142 Resp: 167001
Ion Ratio Lower Upper
142 100
127 45.5 40.3 60.5
141 14.8 12.8 19.2





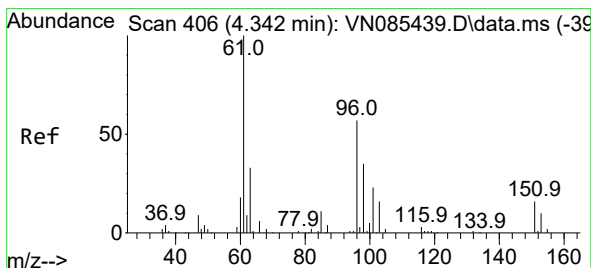
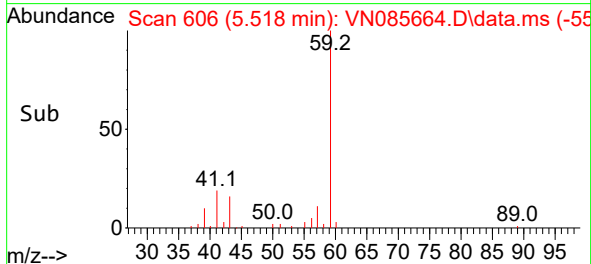
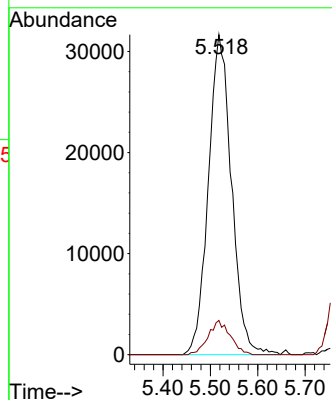
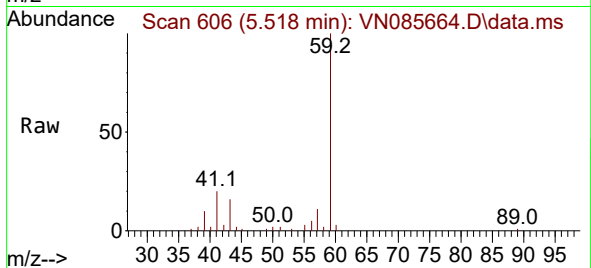
#11
Tert butyl alcohol
Concen: 275.633 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 10738
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

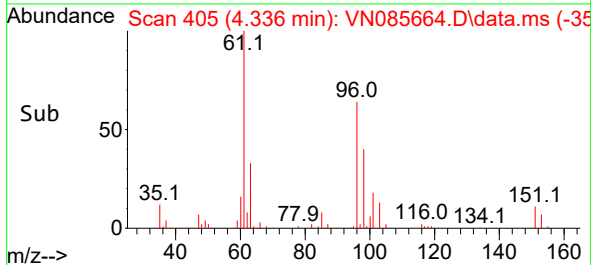
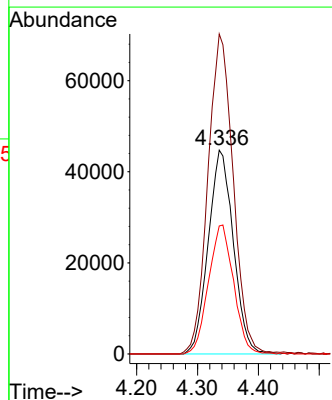
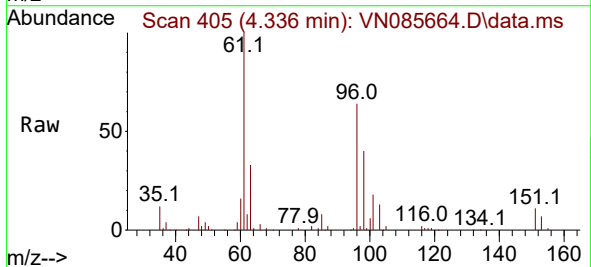
Manual Integrations
APPROVED

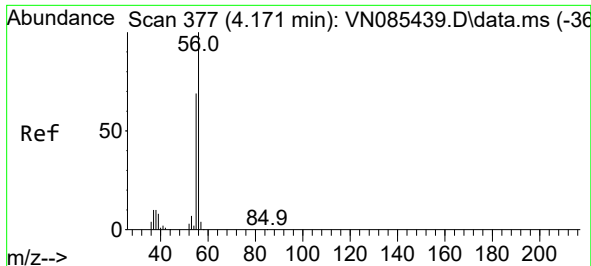
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#12
1,1-Dichloroethene
Concen: 56.652 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

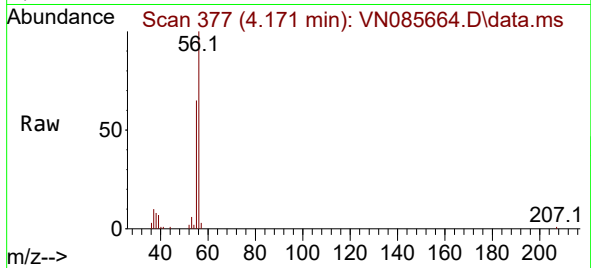
Tgt Ion: 96 Resp: 128149
Ion Ratio Lower Upper
96 100
61 157.0 141.0 211.4
98 62.8 49.0 73.6





#13
Acrolein
Concen: 210.430 ug/l
RT: 4.171 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

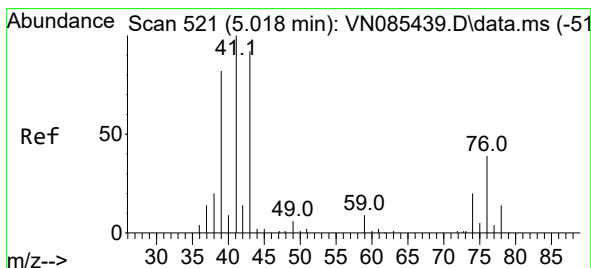
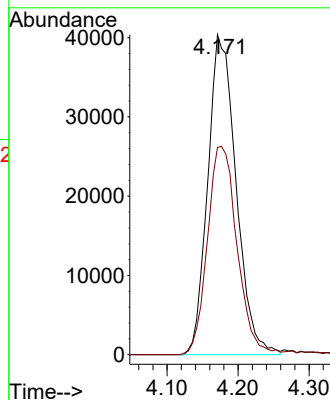
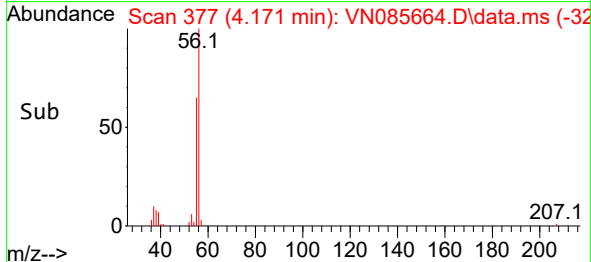
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



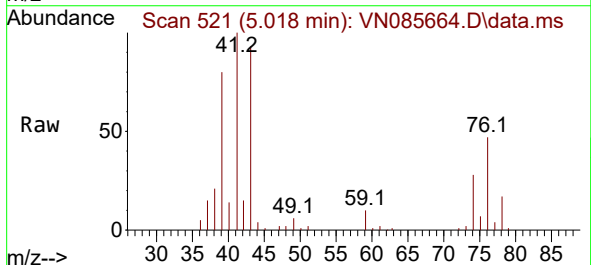
Tgt Ion: 56 Resp: 111909
Ion Ratio Lower Upper
56 100
55 68.1 56.3 84.5

Manual Integrations
APPROVED

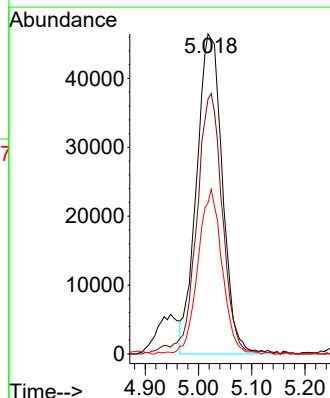
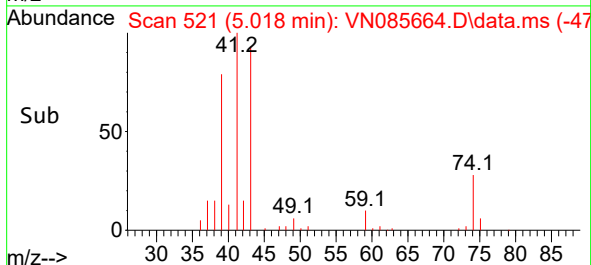
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

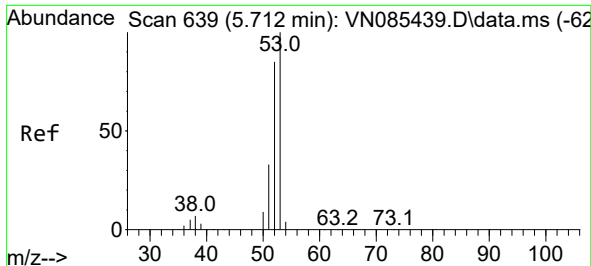


#14
Allyl chloride
Concen: 42.748 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



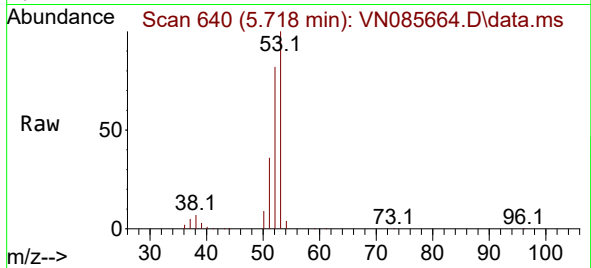
Tgt Ion: 41 Resp: 156910
Ion Ratio Lower Upper
41 100
39 81.4 64.4 96.6
76 48.1 30.5 45.7#





#15
Acrylonitrile
Concen: 250.976 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

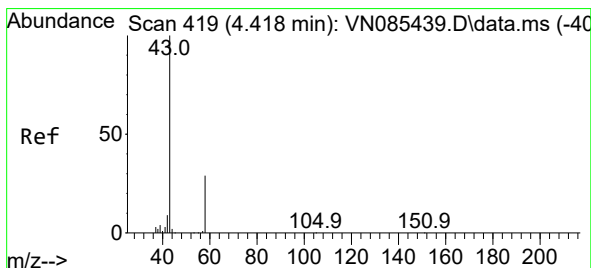
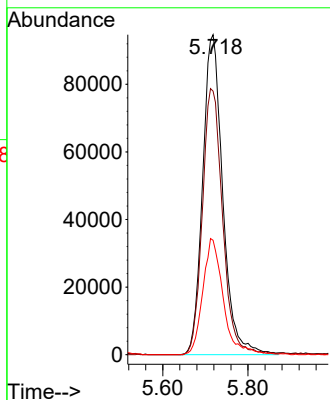
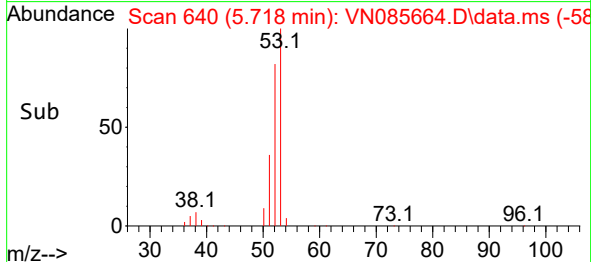
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



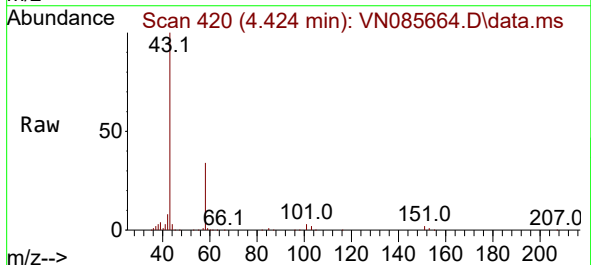
Tgt Ion: 53 Resp: 31056
Ion Ratio Lower Upper
53 100
52 83.6 65.5 98.3
51 36.8 29.8 44.8

Manual Integrations
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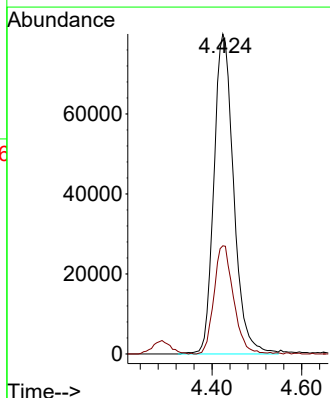
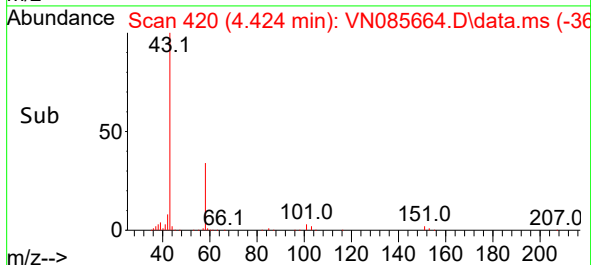
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

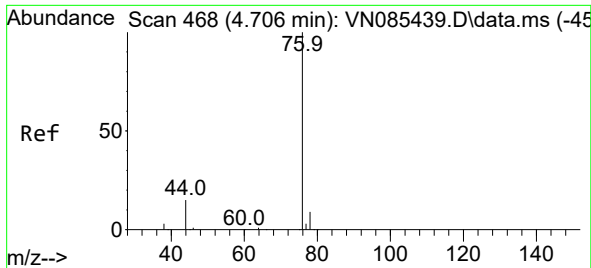


#16
Acetone
Concen: 222.804 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



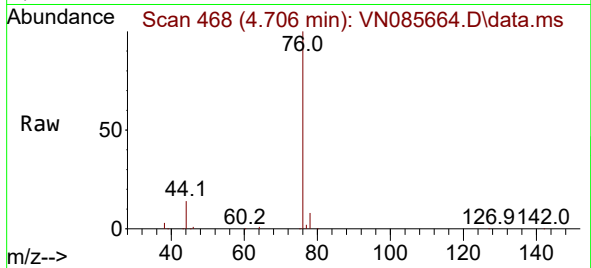
Tgt Ion: 43 Resp: 244927
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.6





#17
Carbon Disulfide
Concen: 52.815 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

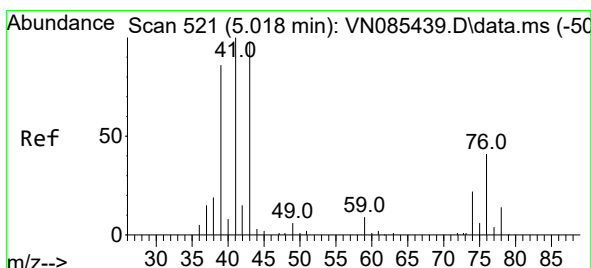
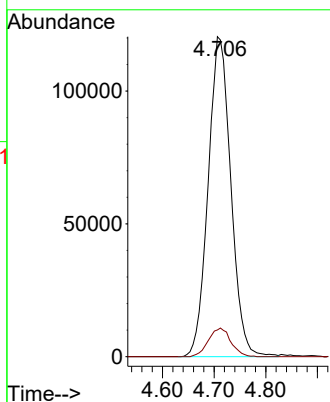
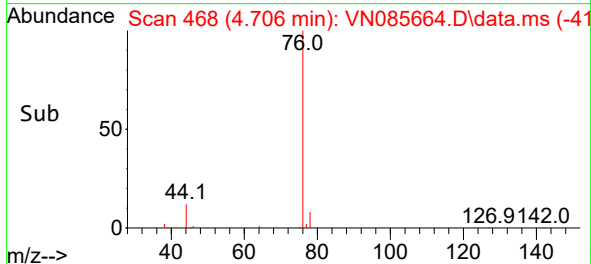
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



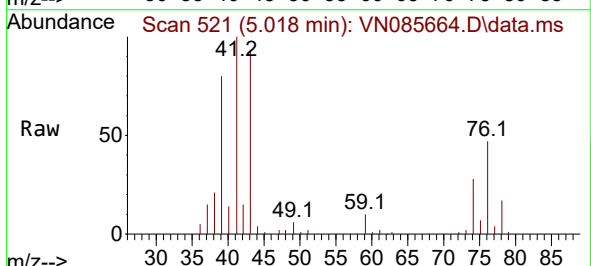
Tgt Ion: 76 Resp: 36784
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3

Manual Integrations
APPROVED

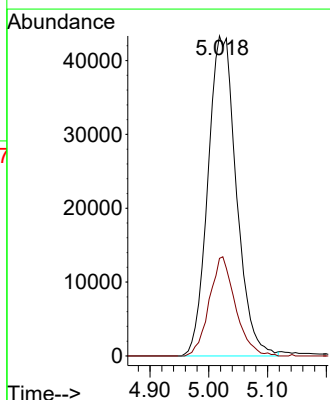
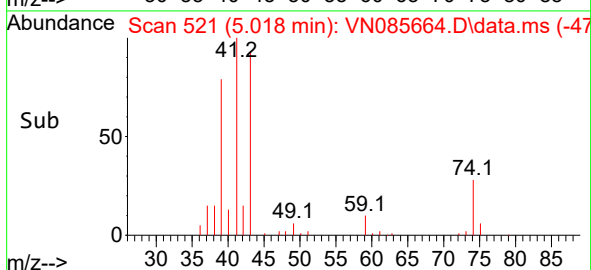
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

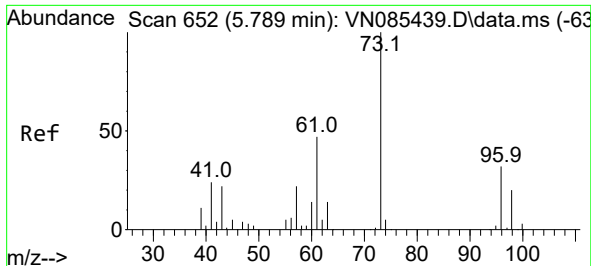


#18
Methyl Acetate
Concen: 43.573 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



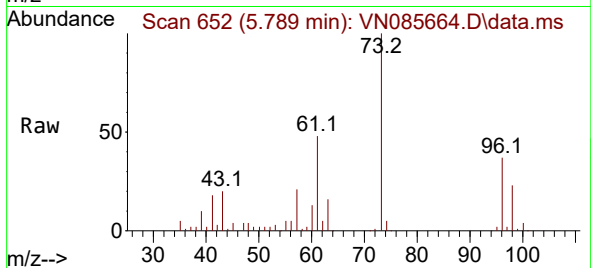
Tgt Ion: 43 Resp: 145654
Ion Ratio Lower Upper
43 100
74 28.5 18.6 28.0#





#19
Methyl tert-butyl Ether
Concen: 55.635 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

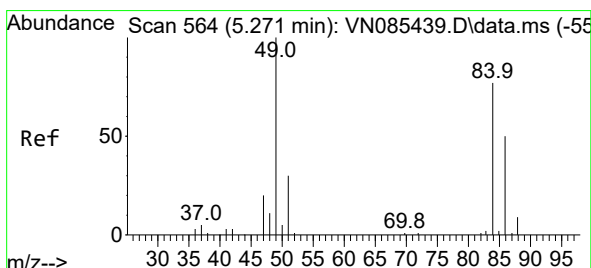
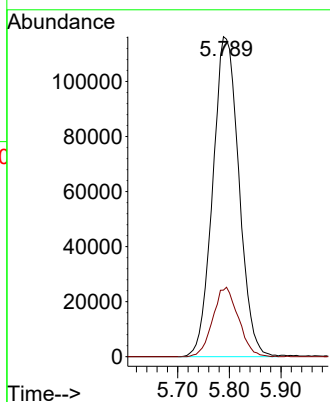
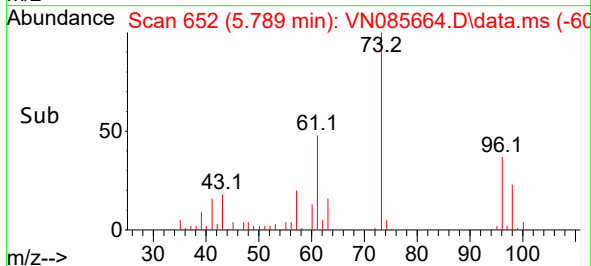
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



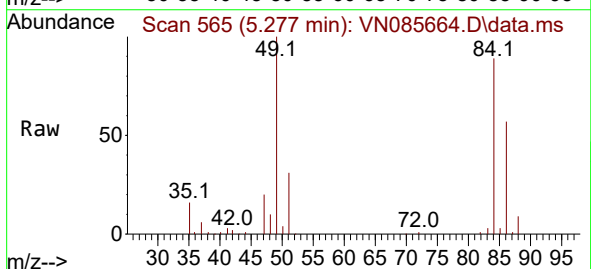
Tgt Ion: 73 Resp: 40864
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.8

Manual Integrations
APPROVED

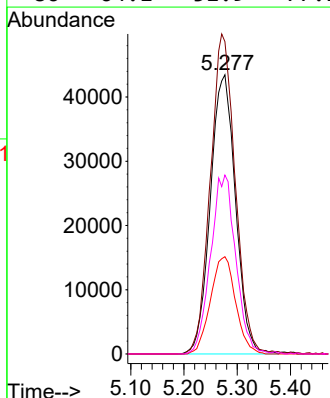
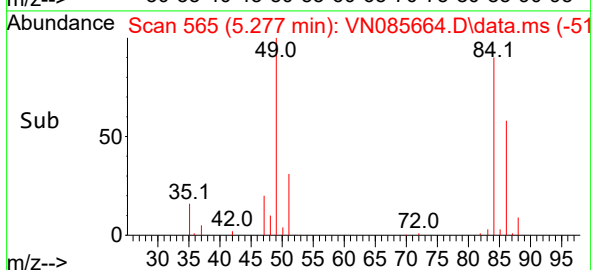
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

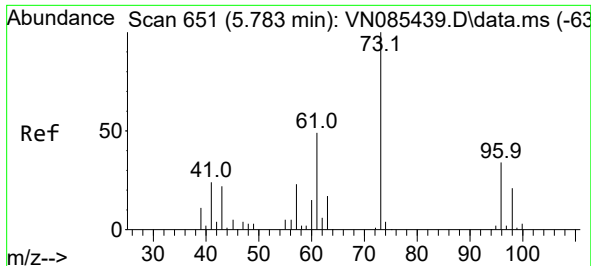


#20
Methylene Chloride
Concen: 52.381 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



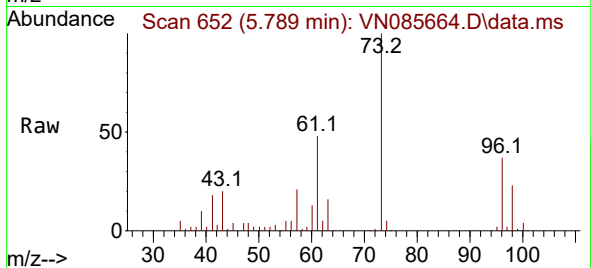
Tgt Ion: 84 Resp: 142550
Ion Ratio Lower Upper
84 100
49 111.9 104.1 156.1
51 34.8 31.0 46.4
86 64.1 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 55.262 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

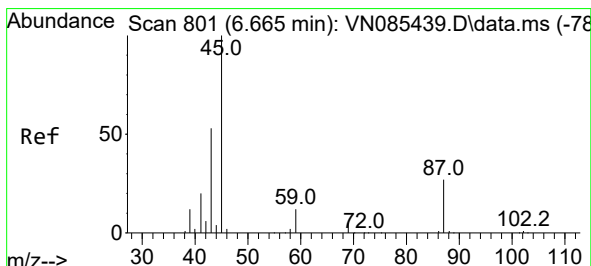
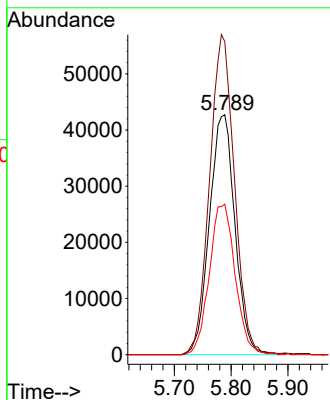
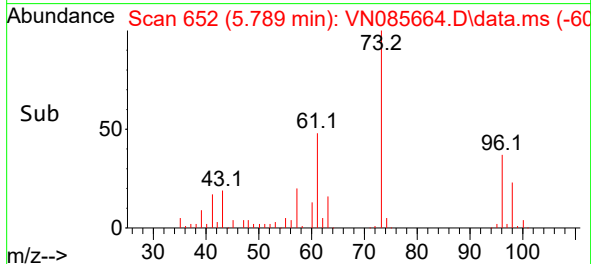
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13359
Ion Ratio Lower Upper
96 100
61 130.5 115.7 173.5
98 62.7 49.8 74.8

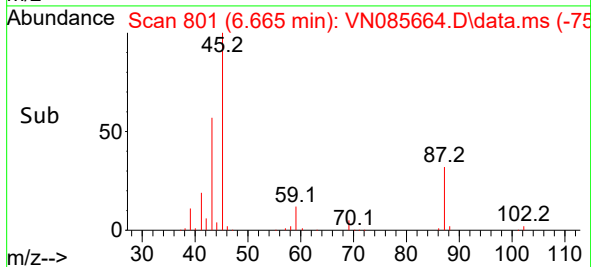
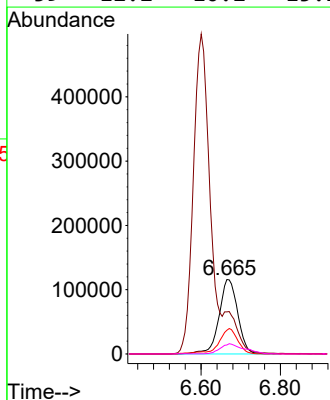
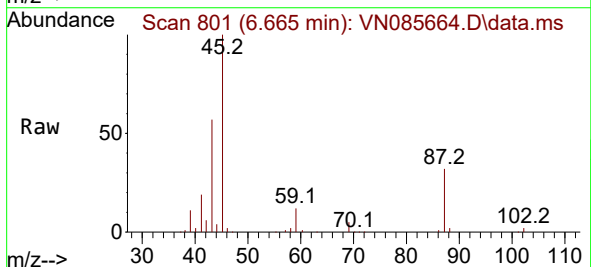
Manual Integrations
APPROVED

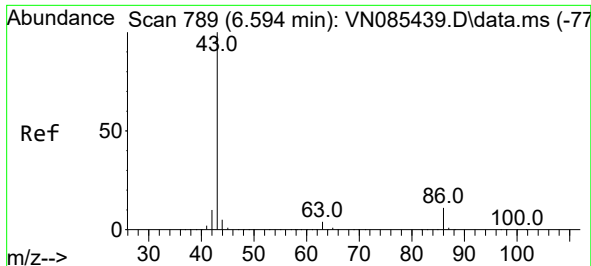
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#22
Diisopropyl ether
Concen: 46.502 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion: 45 Resp: 378858
Ion Ratio Lower Upper
45 100
43 55.9 45.0 67.6
87 31.7 21.8 32.8
59 12.2 10.2 15.2





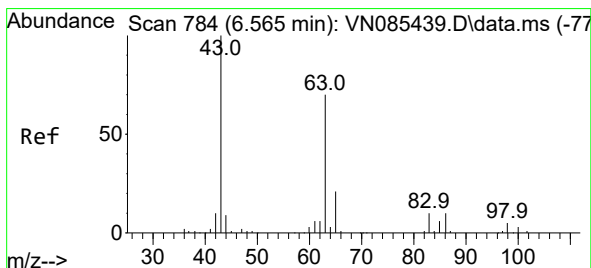
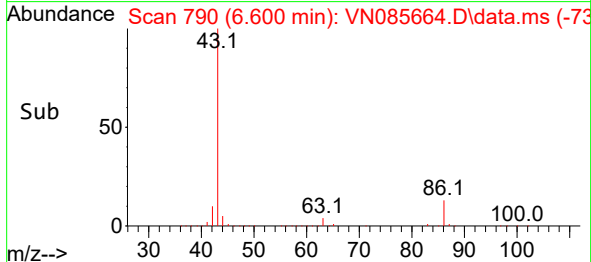
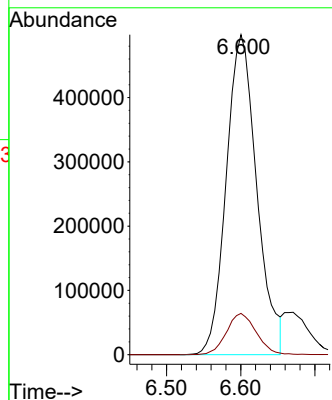
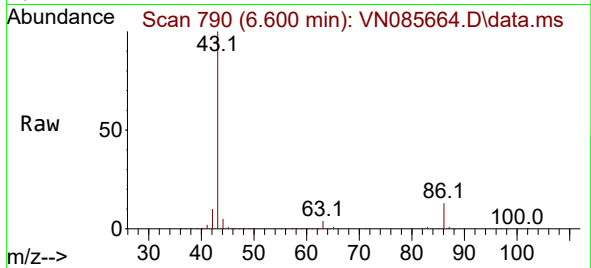
#23
 Vinyl Acetate
 Concen: 250.107 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085664.D
 Acq: 04 Feb 2025 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 142600
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.4 12.6

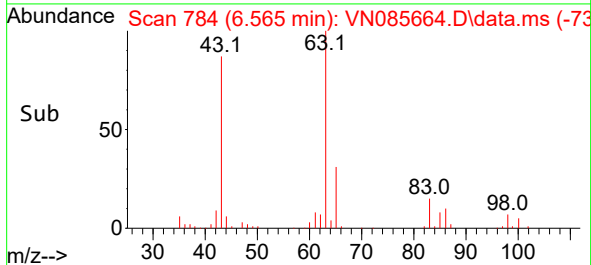
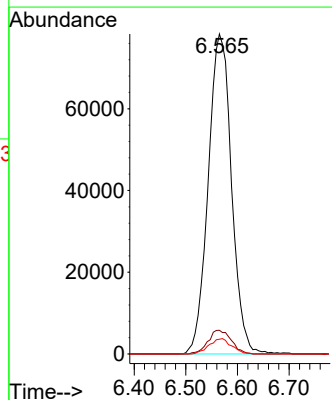
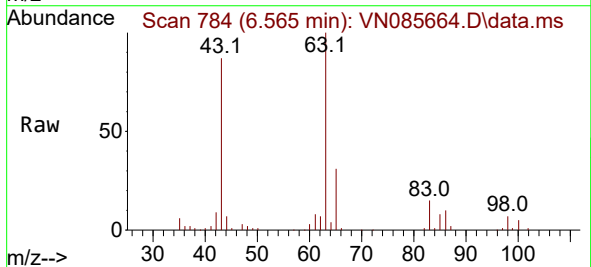
Manual Integrations
 APPROVED

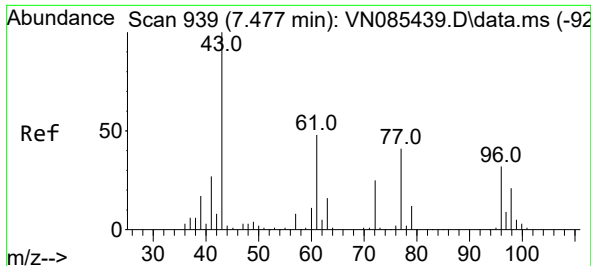
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#24
 1,1-Dichloroethane
 Concen: 49.375 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085664.D
 Acq: 04 Feb 2025 20:15

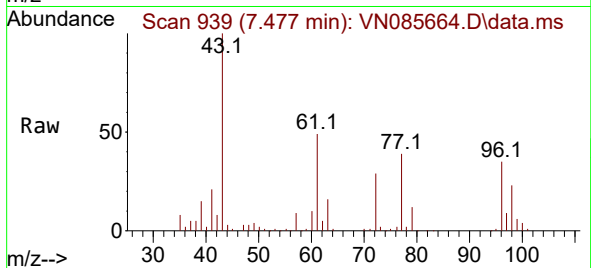
Tgt Ion: 63 Resp: 245281
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.6 2.0 6.0





#25
2-Butanone
Concen: 241.200 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

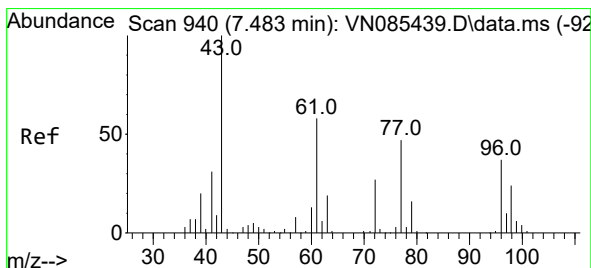
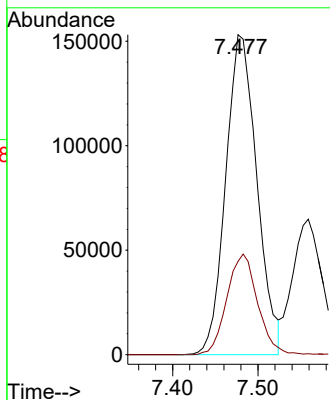
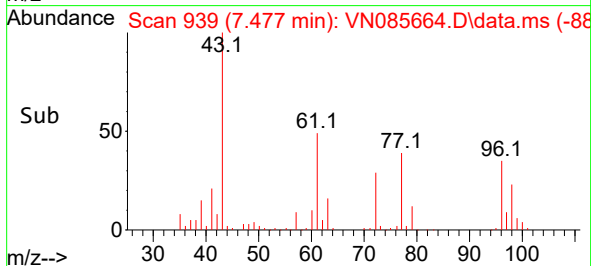
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



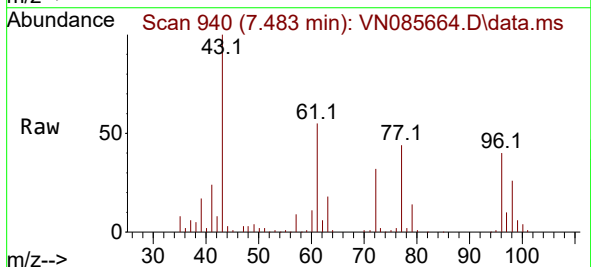
Tgt Ion: 43 Resp: 390192
Ion Ratio Lower Upper
43 100
72 29.2 20.2 30.4

Manual Integrations
APPROVED

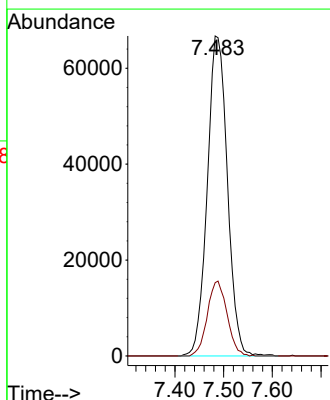
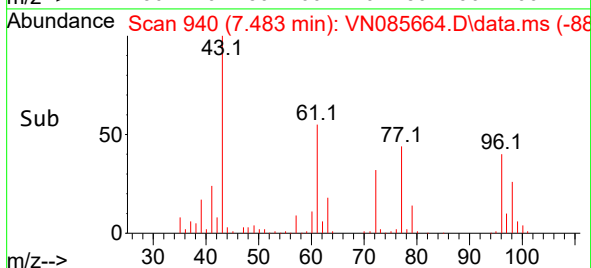
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

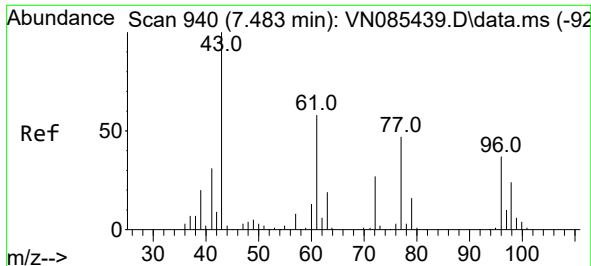


#26
2,2-Dichloropropane
Concen: 47.643 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



Tgt Ion: 77 Resp: 191354
Ion Ratio Lower Upper
77 100
97 22.9 10.7 32.1





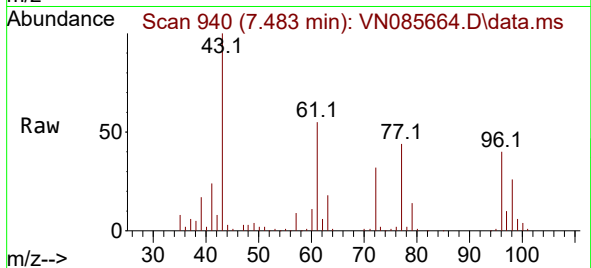
#27
 cis-1,2-Dichloroethene
 Concen: 55.030 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085664.D
 Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



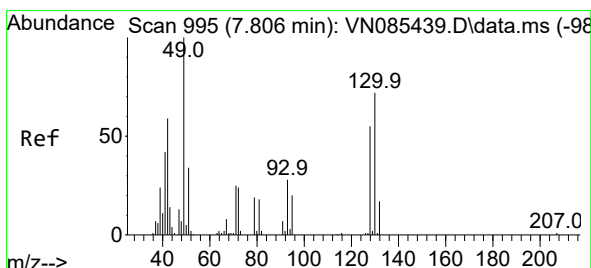
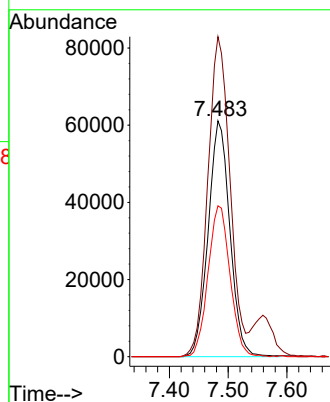
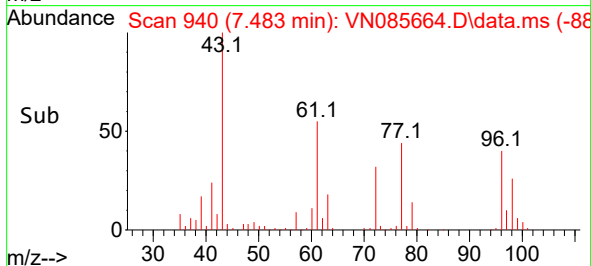
Tgt Ion: 96 Resp: 15669
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 311.8
 98 64.7 0.0 126.0

Manual Integrations

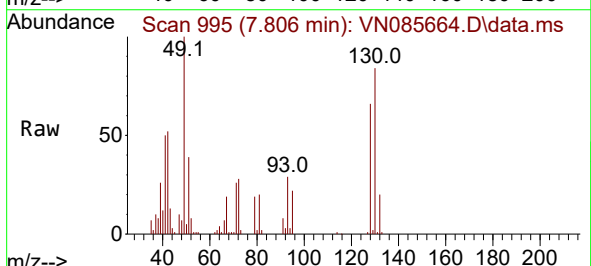
APPROVED

Reviewed By :John Carlone 02/05/2025

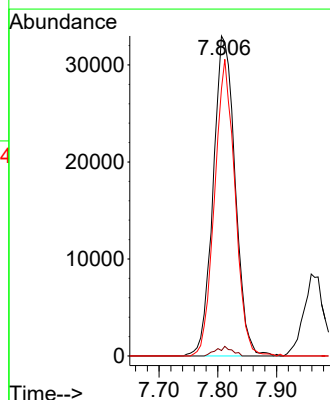
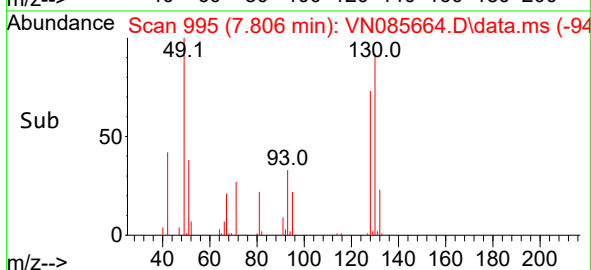
Supervised By :Mahesh Dadoda 02/06/2025

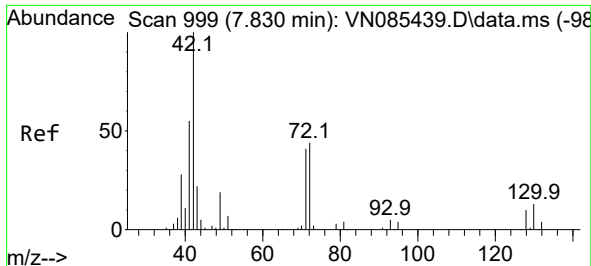


#28
 Bromochloromethane
 Concen: 37.096 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085664.D
 Acq: 04 Feb 2025 20:15



Tgt Ion: 49 Resp: 85736
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 85.9 55.0 82.4#





#29

Tetrahydrofuran

Concen: 254.248 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 260760

Ion Ratio Lower Upper

42 100

72 52.3 34.2 51.2

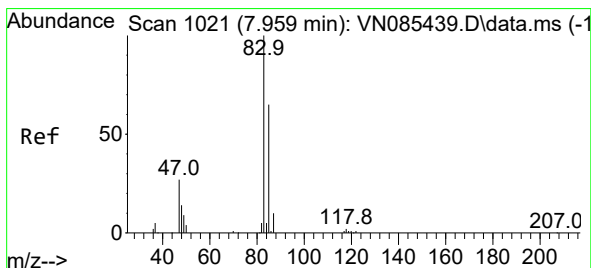
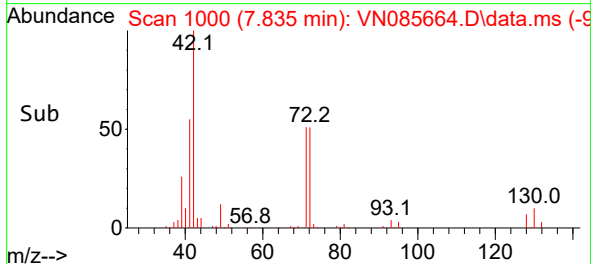
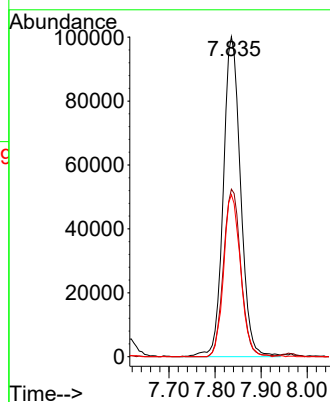
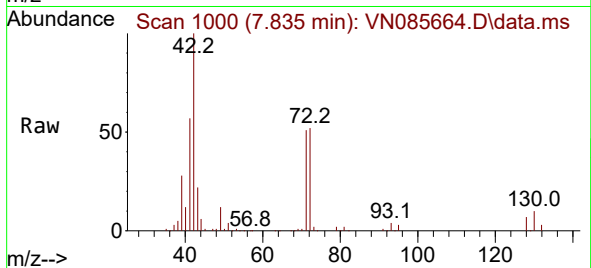
71 49.4 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#30

Chloroform

Concen: 49.133 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085664.D

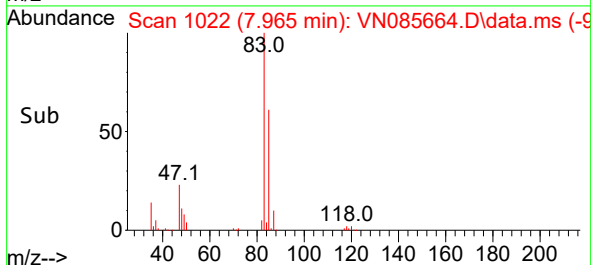
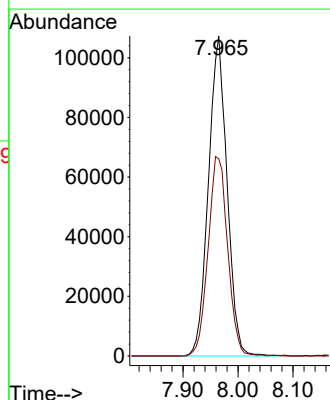
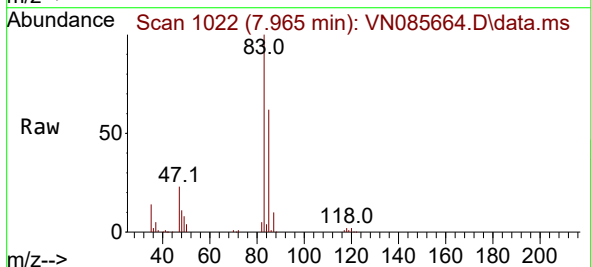
Acq: 04 Feb 2025 20:15

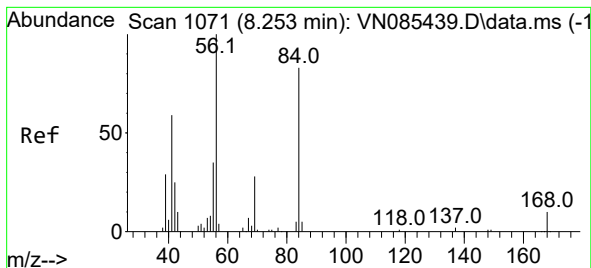
Tgt Ion: 83 Resp: 252262

Ion Ratio Lower Upper

83 100

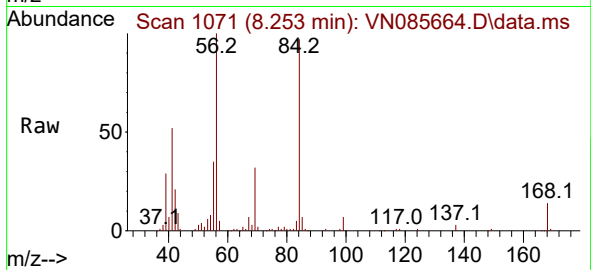
85 61.6 51.8 77.6





#31
Cyclohexane
Concen: 44.998 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

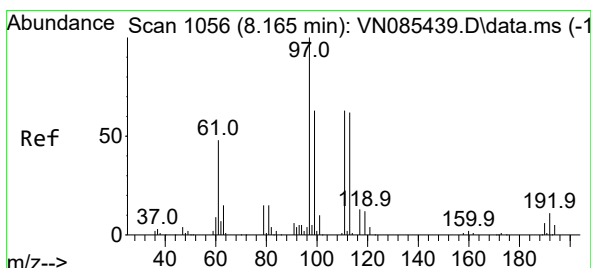
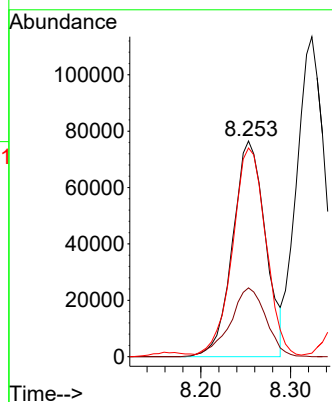
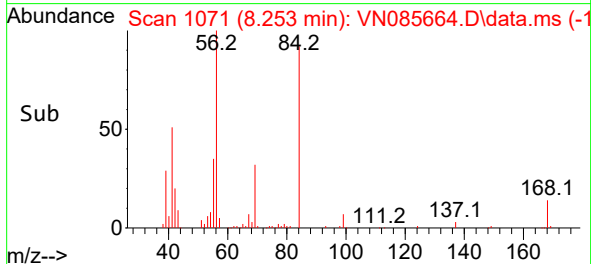
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19429
Ion Ratio Lower Upper
56 100
69 31.9 22.2 33.4
84 95.1 66.4 99.6

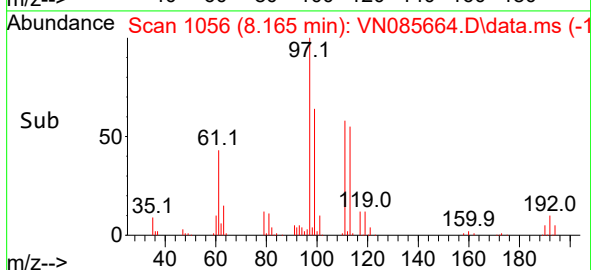
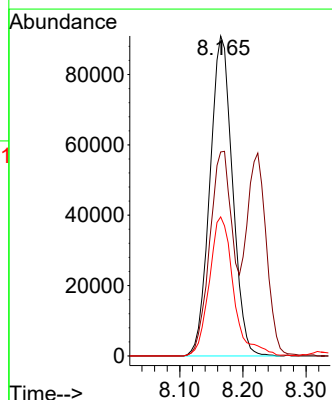
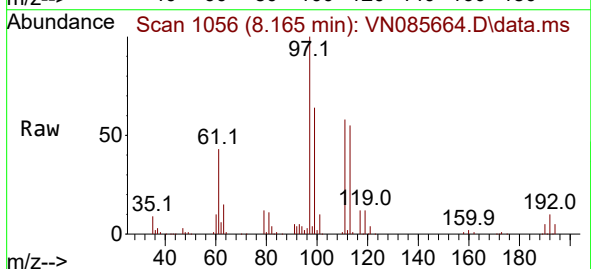
Manual Integrations
APPROVED

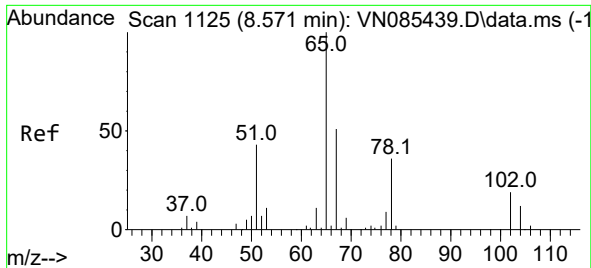
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#32
1,1,1-Trichloroethane
Concen: 50.093 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion: 97 Resp: 225602
Ion Ratio Lower Upper
97 100
99 65.9 49.8 74.6
61 46.9 41.4 62.2





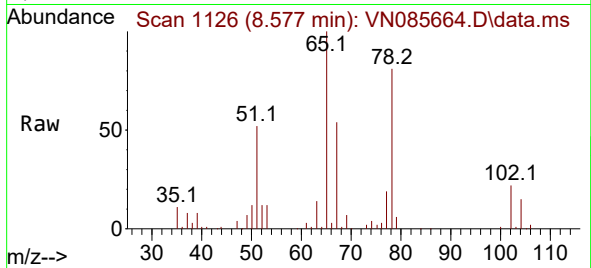
#33
1,2-Dichloroethane-d4
Concen: 42.127 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



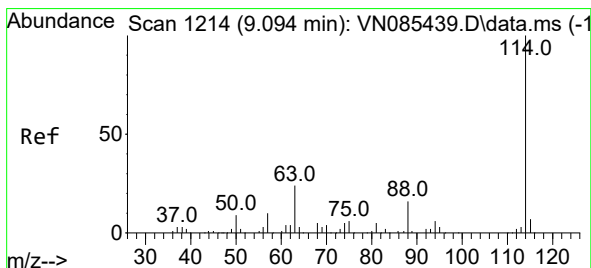
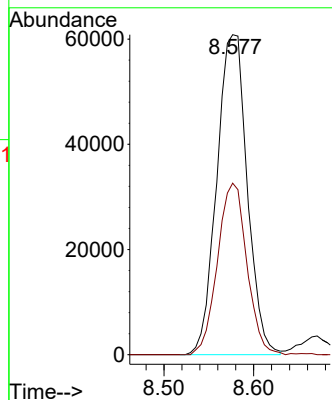
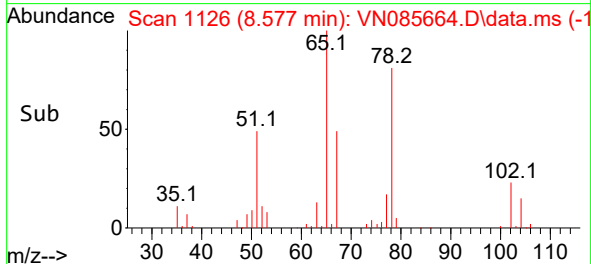
Tgt Ion: 65 Resp: 143328
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.6

Manual Integrations

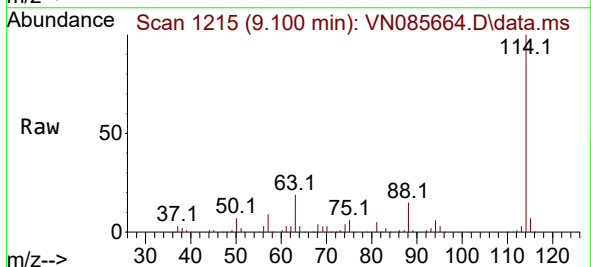
APPROVED

Reviewed By :John Carlone 02/05/2025

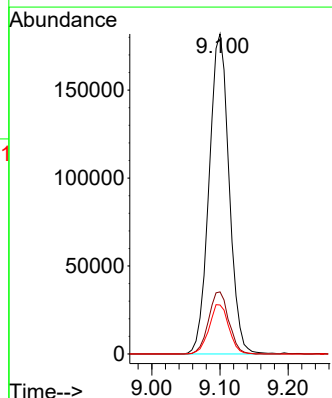
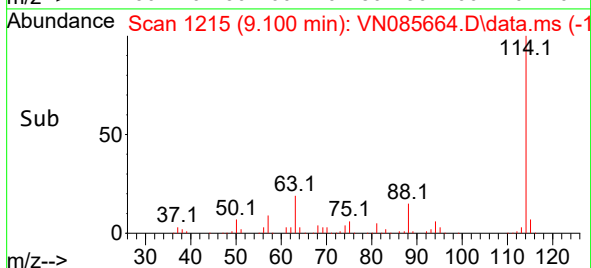
Supervised By :Mahesh Dadoda 02/06/2025

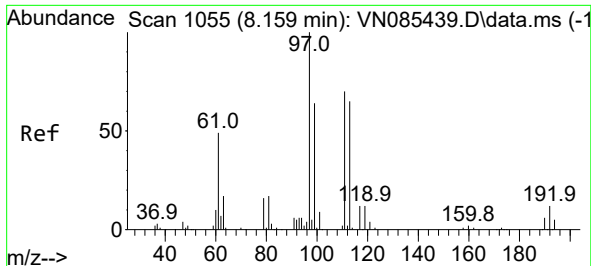


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



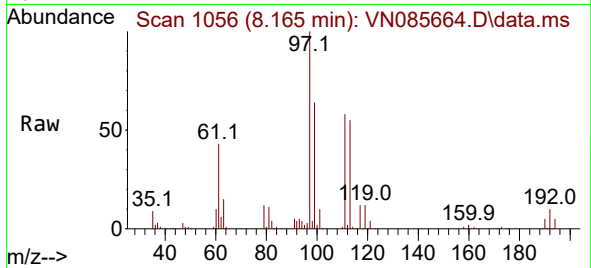
Tgt Ion:114 Resp: 370923
Ion Ratio Lower Upper
114 100
63 19.4 0.0 47.6
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.791 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

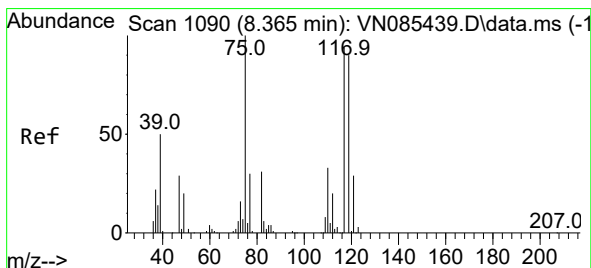
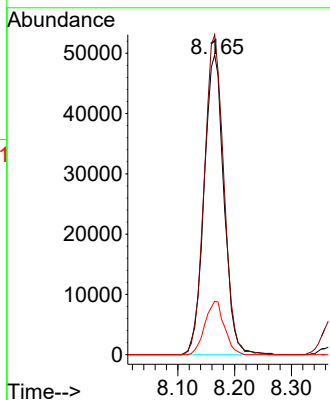
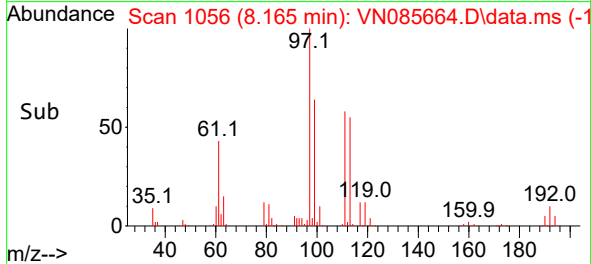
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 12040
Ion Ratio Lower Upper
113 100
111 105.1 82.7 124.1
192 17.4 14.3 21.5

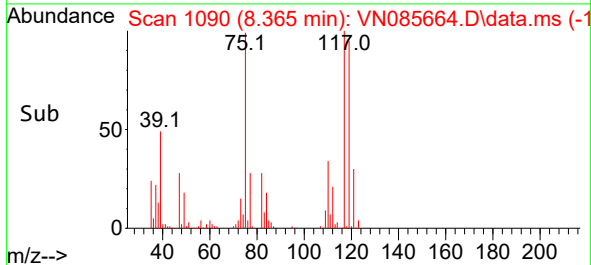
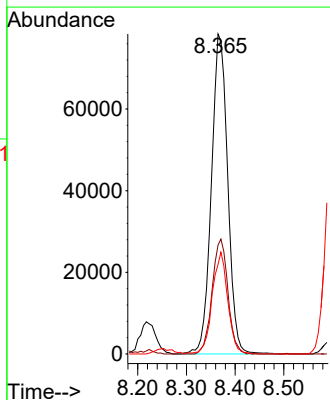
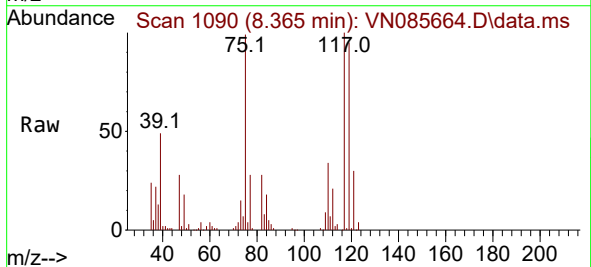
Manual Integrations
APPROVED

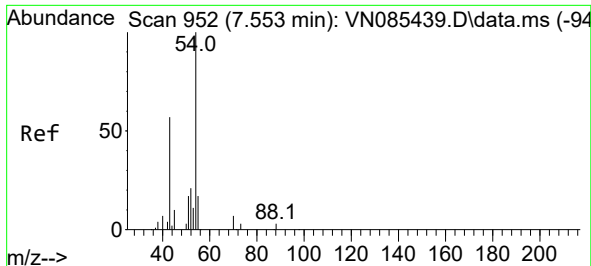
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#36
1,1-Dichloropropene
Concen: 50.496 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

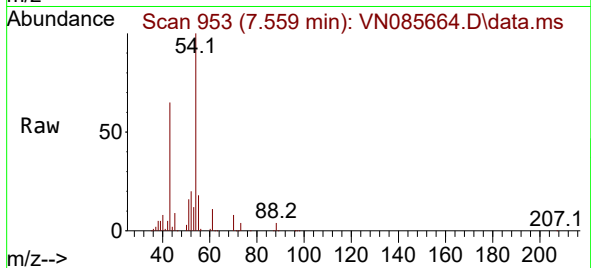
Tgt Ion: 75 Resp: 182370
Ion Ratio Lower Upper
75 100
110 34.8 16.5 49.5
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 44.271 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

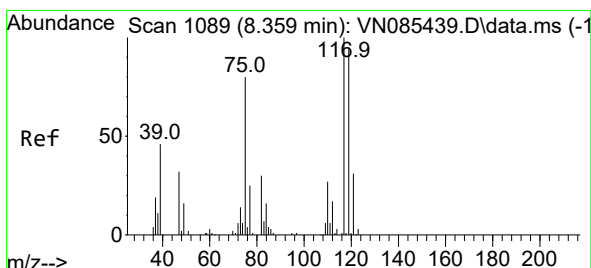
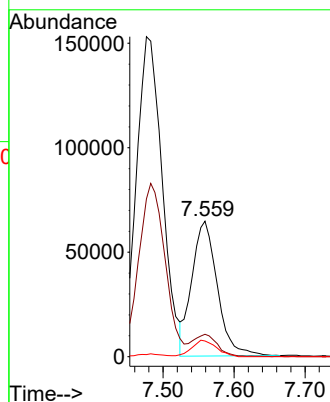
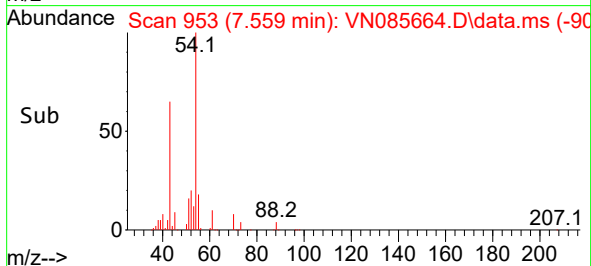
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16138
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 11.7 7.5 11.3

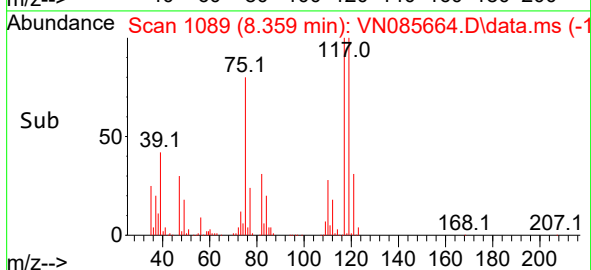
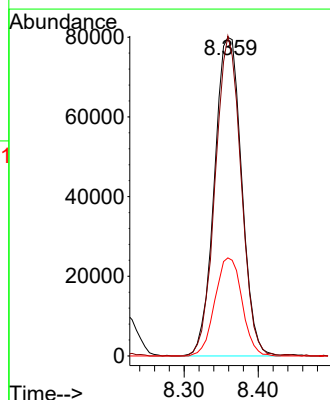
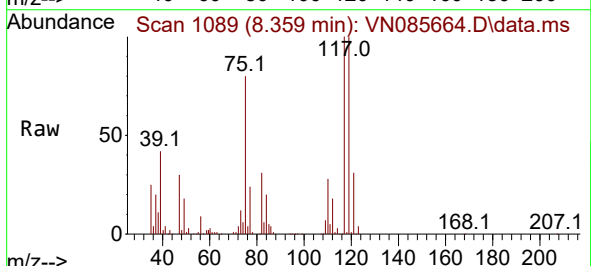
Manual Integrations
APPROVED

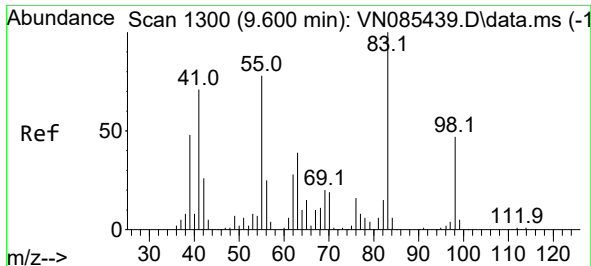
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#38
Carbon Tetrachloride
Concen: 49.323 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion:117 Resp: 203933
Ion Ratio Lower Upper
117 100
119 100.5 75.4 113.2
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 52.749 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 179020

Ion Ratio Lower Upper

83 100

55 69.1 62.6 94.0

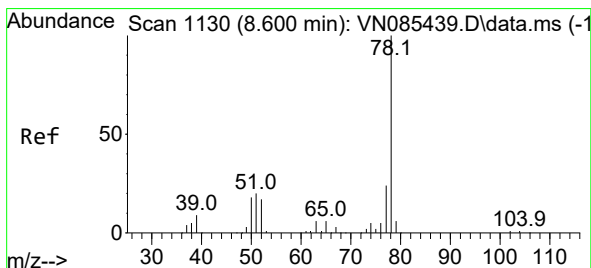
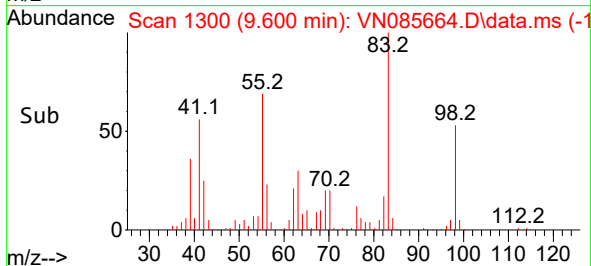
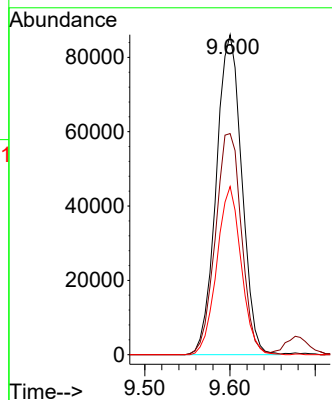
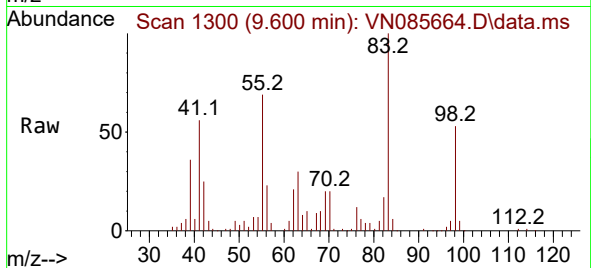
98 52.5 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#40

Benzene

Concen: 51.903 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085664.D

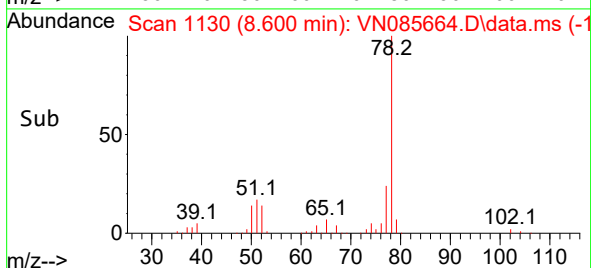
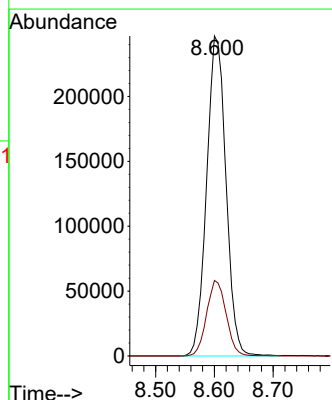
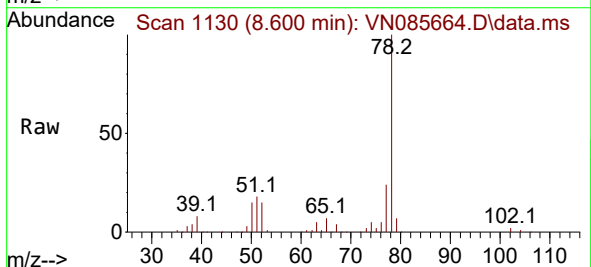
Acq: 04 Feb 2025 20:15

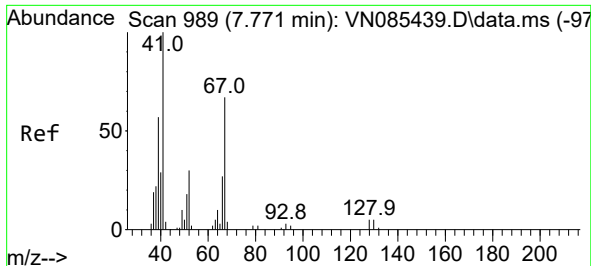
Tgt Ion: 78 Resp: 563231

Ion Ratio Lower Upper

78 100

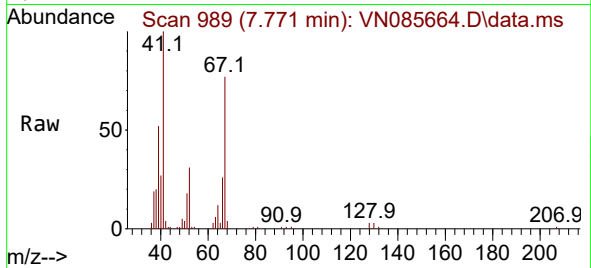
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 44.255 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

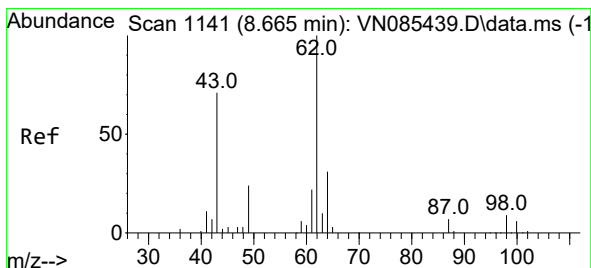
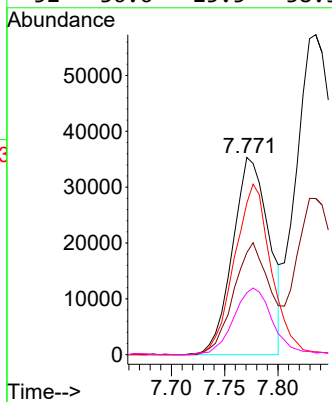
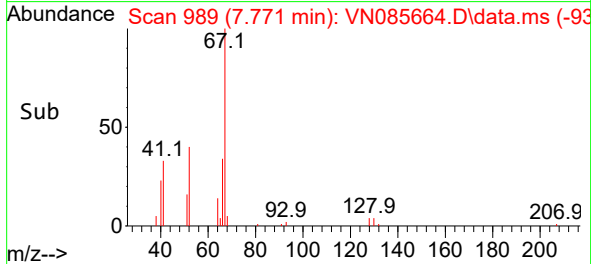
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 8393
Ion Ratio Lower Upper
41 100
39 59.4 46.0 69.0
67 87.9 57.4 86.2
52 36.6 25.5 38.3

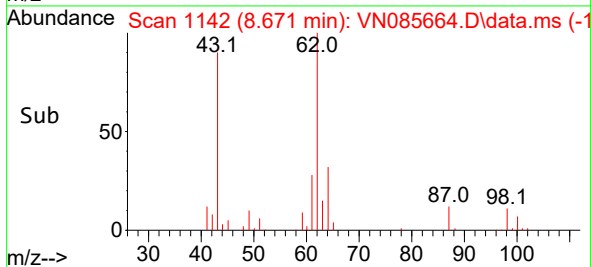
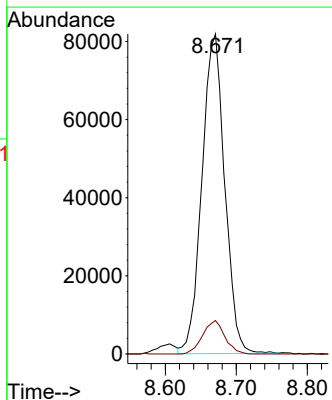
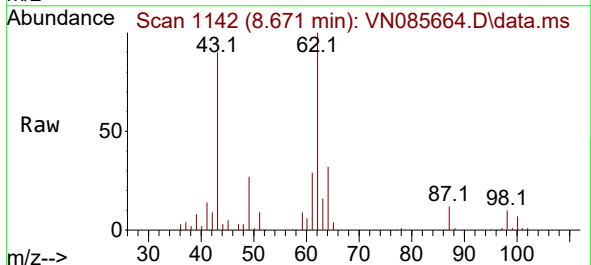
Manual Integrations
APPROVED

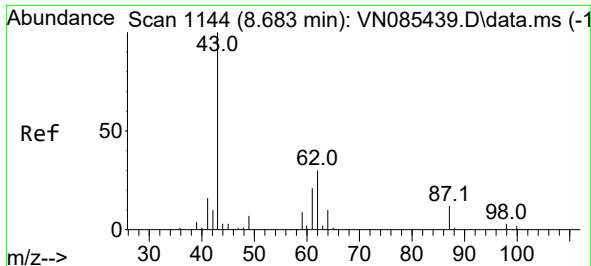
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#42
1,2-Dichloroethane
Concen: 44.642 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

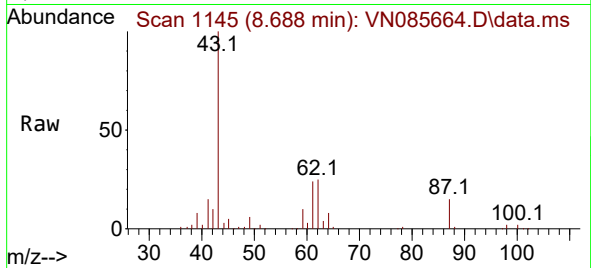
Tgt Ion: 62 Resp: 182452
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.0





#43
Isopropyl Acetate
Concen: 49.118 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

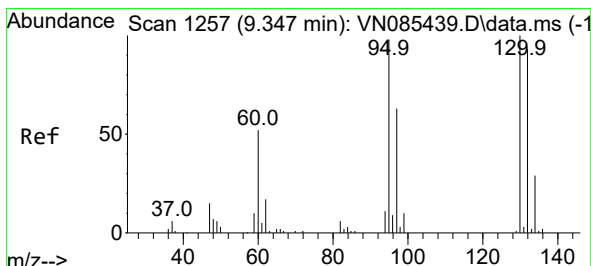
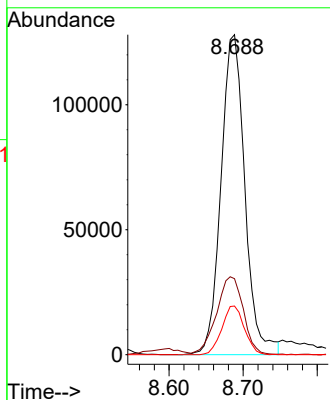
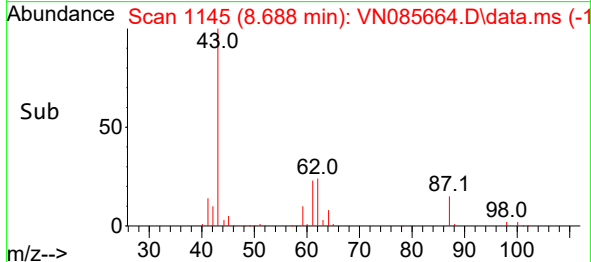
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



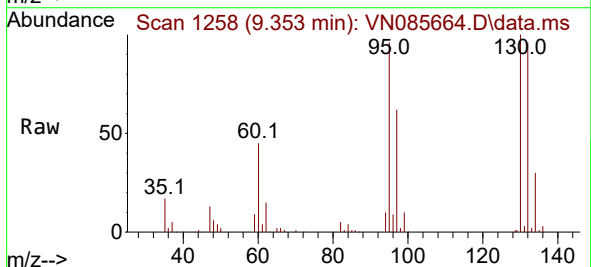
Tgt Ion: 43 Resp: 28690
Ion Ratio Lower Upper
43 100
61 27.4 20.7 31.1
87 14.3 9.8 14.8

Manual Integrations
APPROVED

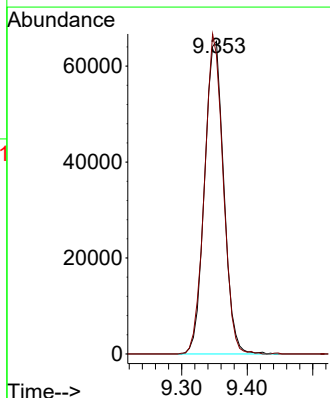
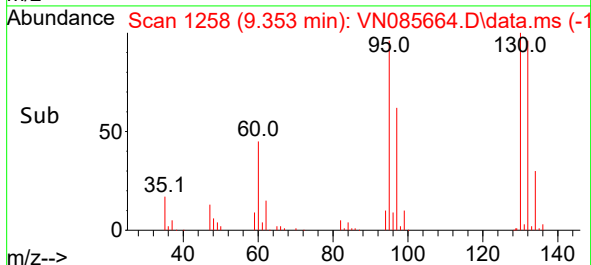
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

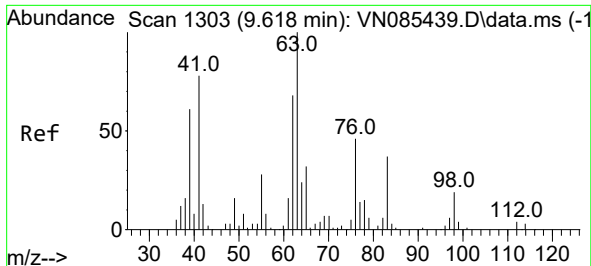


#44
Trichloroethene
Concen: 52.726 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



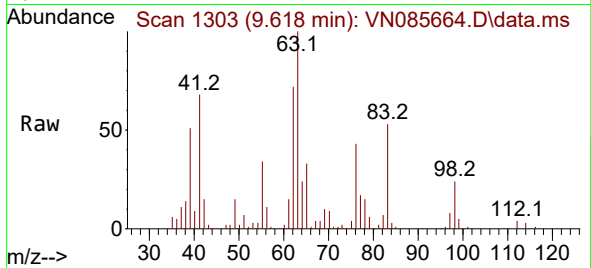
Tgt Ion:130 Resp: 133186
Ion Ratio Lower Upper
130 100
95 95.6 0.0 195.8





#45
1,2-Dichloropropane
Concen: 47.761 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

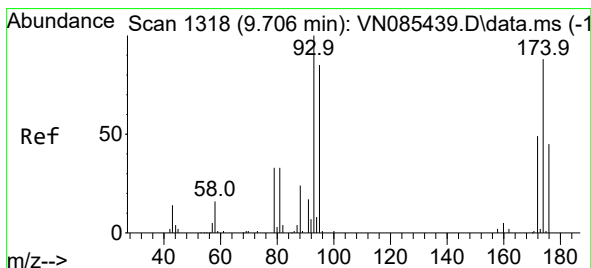
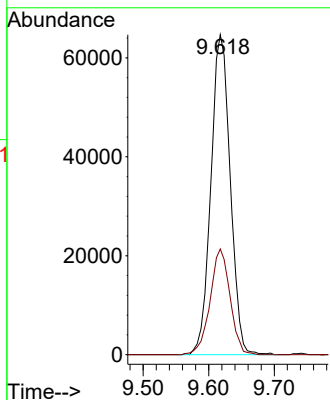
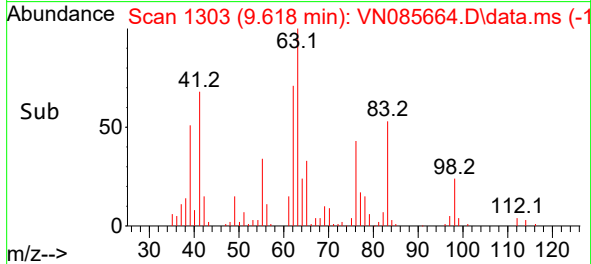
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 13238
Ion Ratio Lower Upper
63 100
65 33.0 25.6 38.4

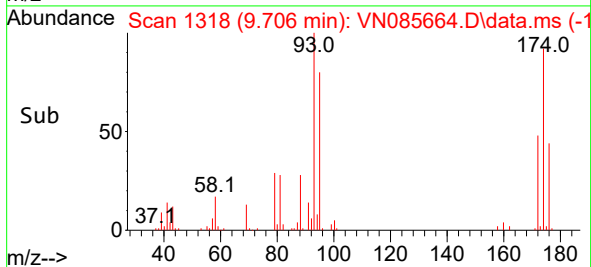
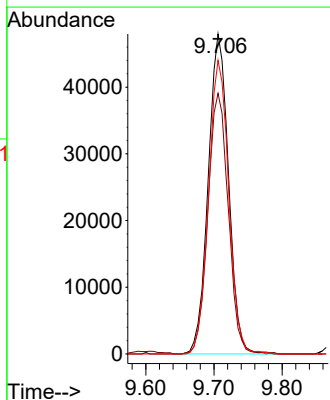
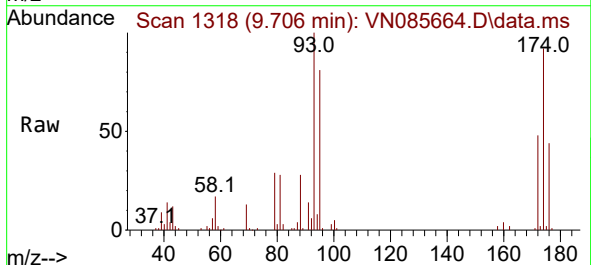
Manual Integrations
APPROVED

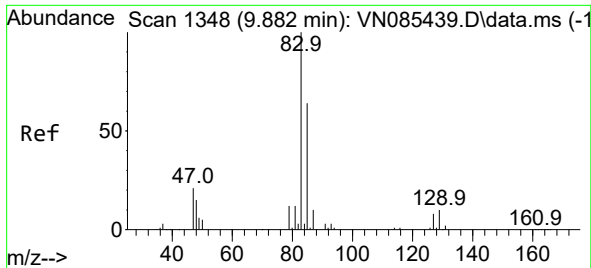
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#46
Dibromomethane
Concen: 49.589 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

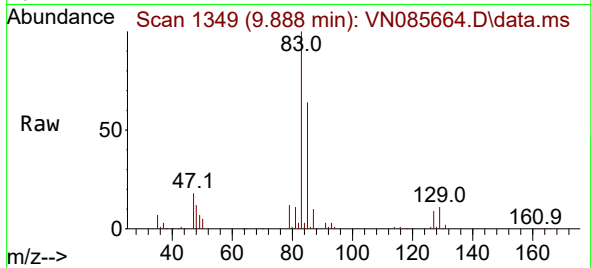
Tgt Ion: 93 Resp: 99179
Ion Ratio Lower Upper
93 100
95 81.7 64.7 97.1
174 91.2 69.0 103.4





#47
Bromodichloromethane
Concen: 49.998 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

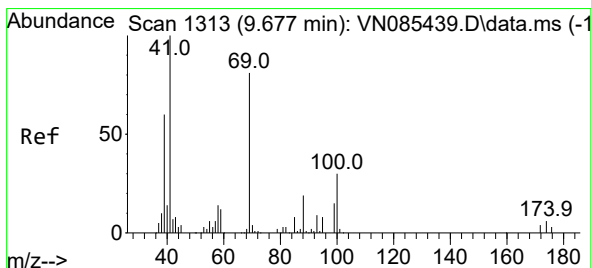
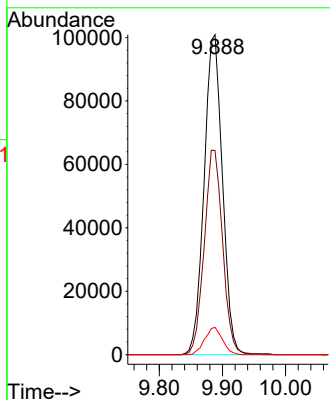
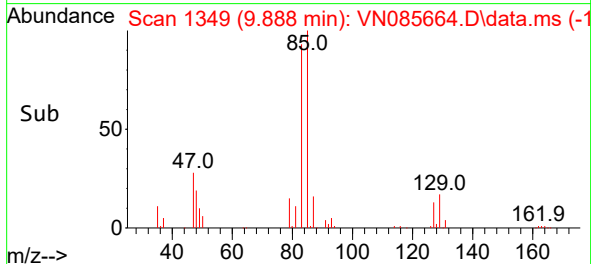
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20372
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8
127 8.5 6.5 9.7

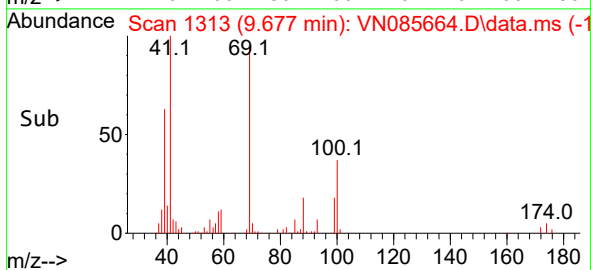
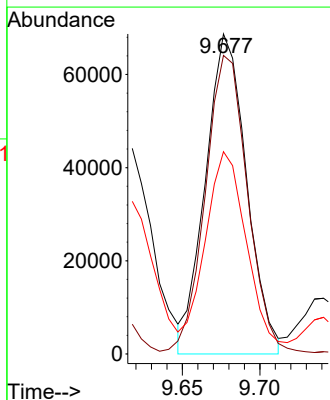
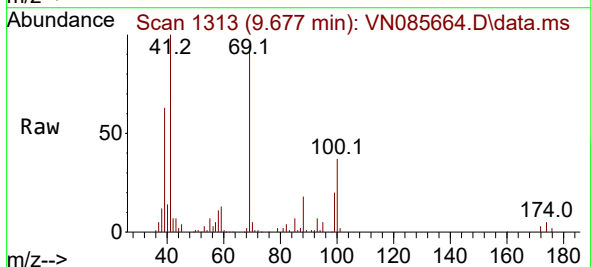
Manual Integrations
APPROVED

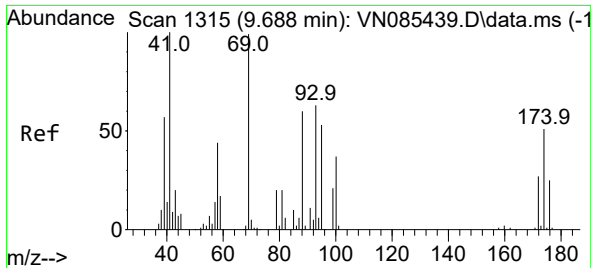
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48
Methyl methacrylate
Concen: 48.223 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

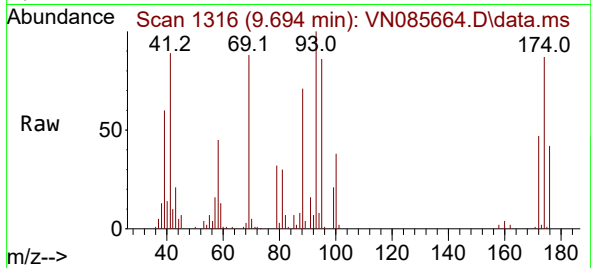
Tgt Ion: 41 Resp: 126761
Ion Ratio Lower Upper
41 100
69 96.7 64.7 97.1
39 64.8 49.0 73.6





#49
1,4-Dioxane
Concen: 1074.167 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

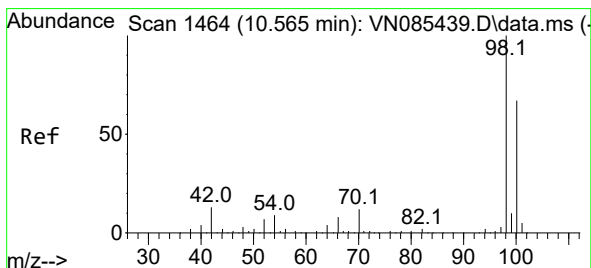
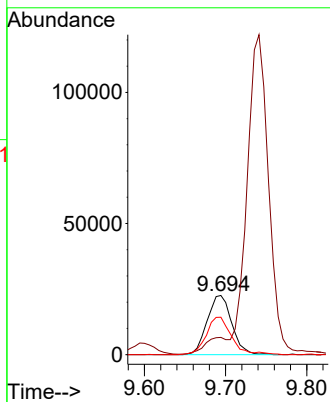
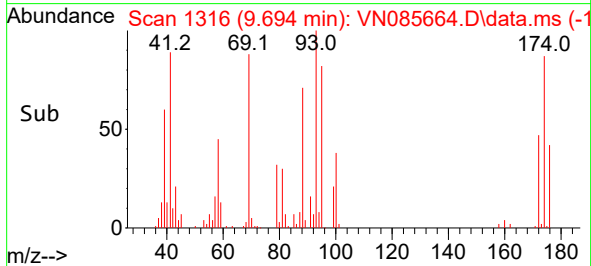
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



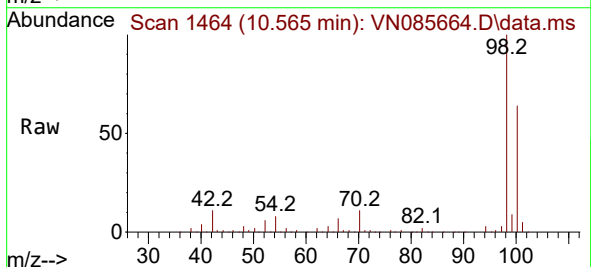
Tgt Ion: 88 Resp: 47549
Ion Ratio Lower Upper
88 100
43 24.9 26.6 39.8
58 65.3 59.5 89.3

Manual Integrations
APPROVED

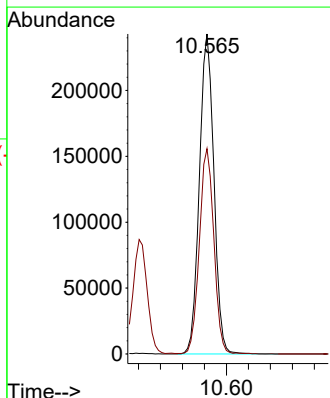
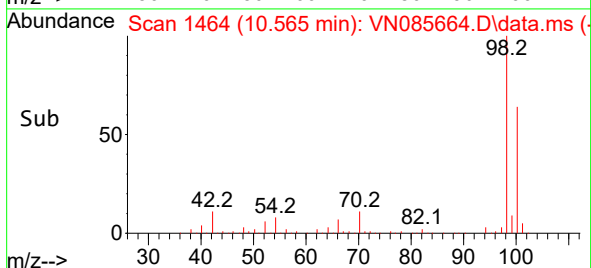
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

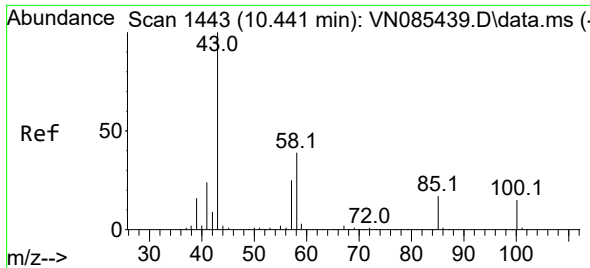


#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



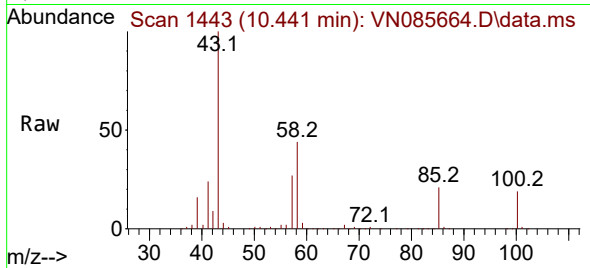
Tgt Ion: 98 Resp: 444909
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 243.652 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

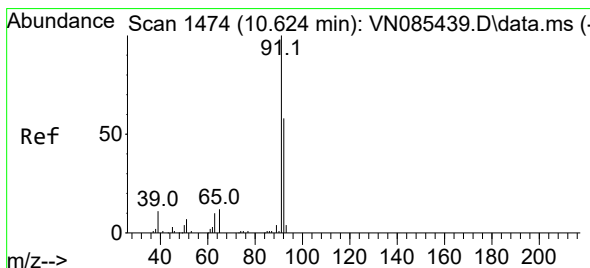
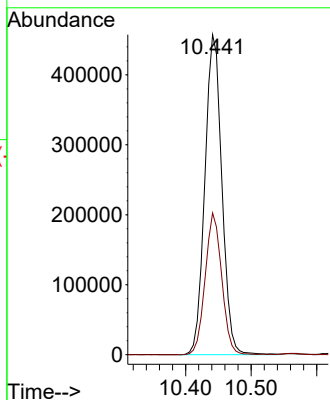
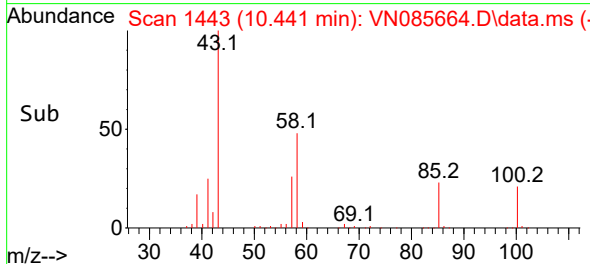
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 825860
Ion Ratio Lower Upper
43 100
58 43.1 30.5 45.7

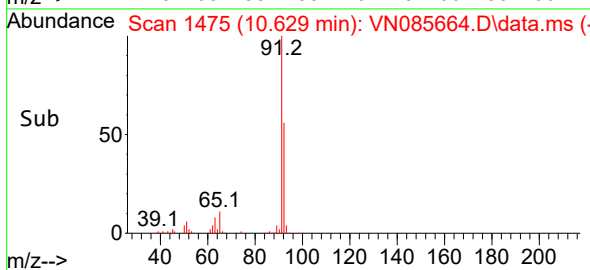
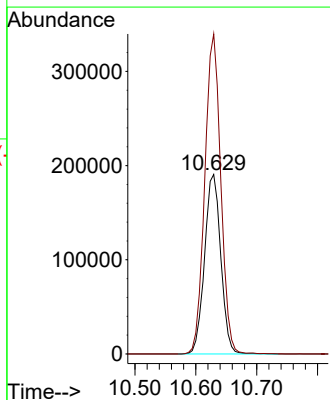
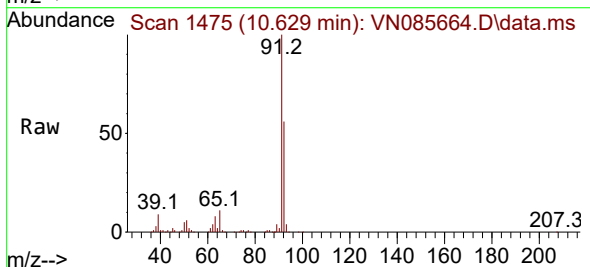
Manual Integrations
APPROVED

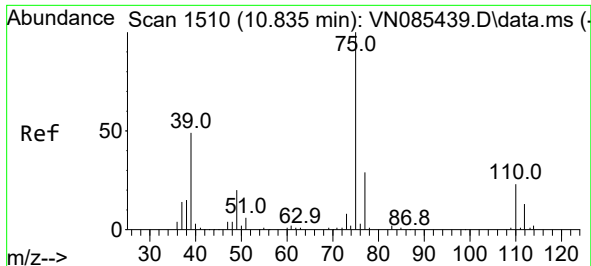
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#52
Toluene
Concen: 56.008 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

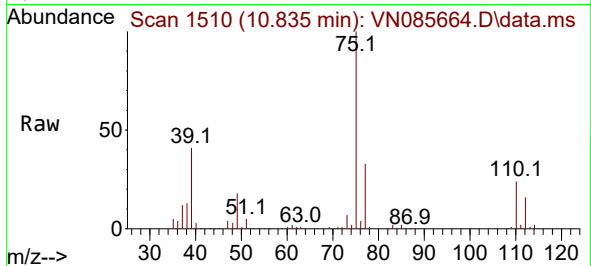
Tgt Ion: 92 Resp: 352156
Ion Ratio Lower Upper
92 100
91 175.8 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 52.428 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

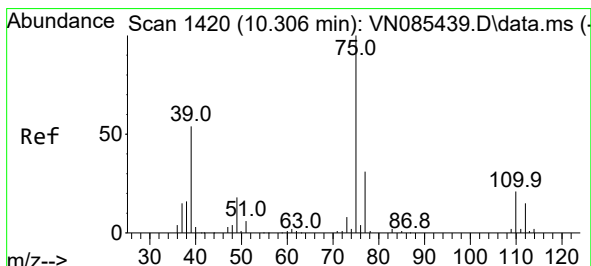
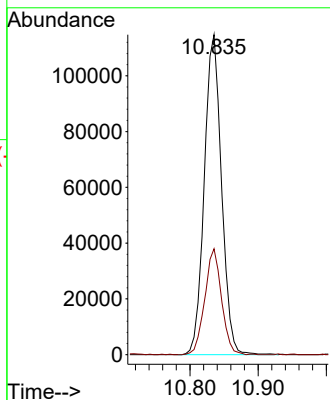
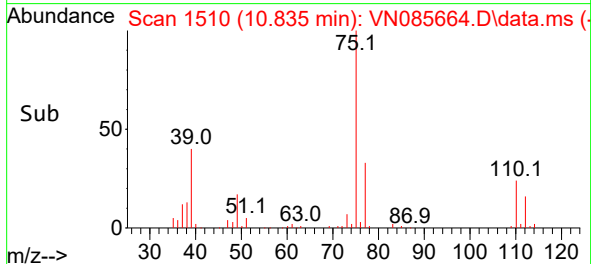
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



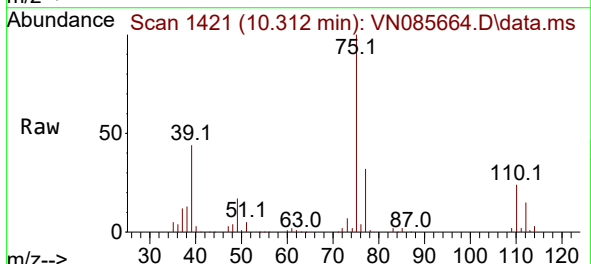
Tgt Ion: 75 Resp: 20188
Ion Ratio Lower Upper
75 100
77 33.1 23.5 35.3

Manual Integrations
APPROVED

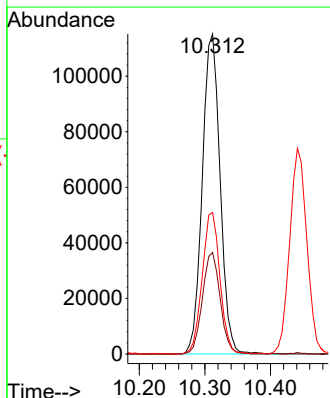
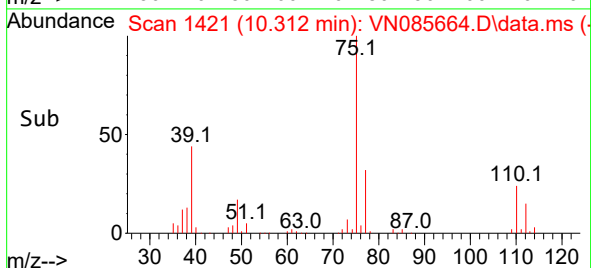
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

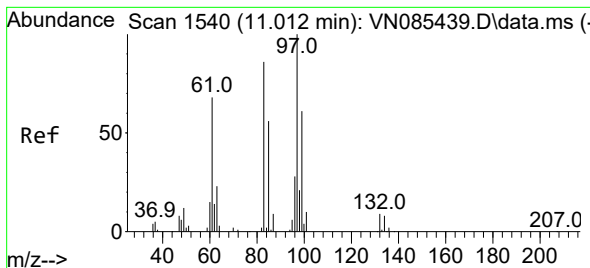


#54
cis-1,3-Dichloropropene
Concen: 52.999 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



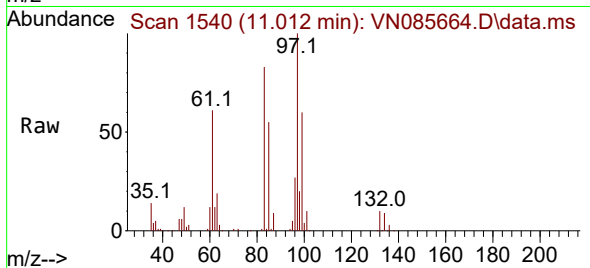
Tgt Ion: 75 Resp: 217990
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 44.2 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 53.443 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

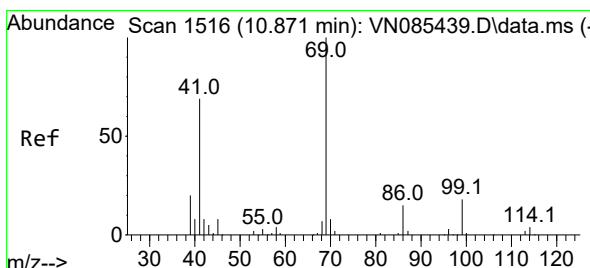
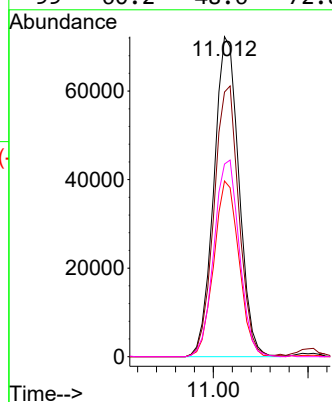
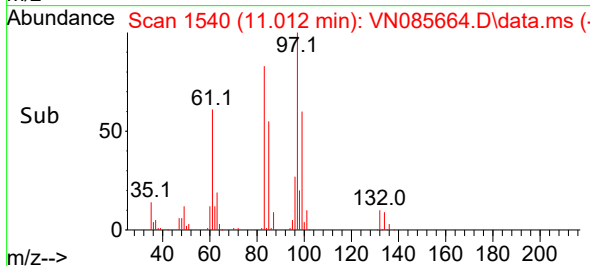
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 132983
Ion Ratio Lower Upper
97 100
83 82.7 69.0 103.6
85 54.9 44.6 66.8
99 60.2 48.6 72.8

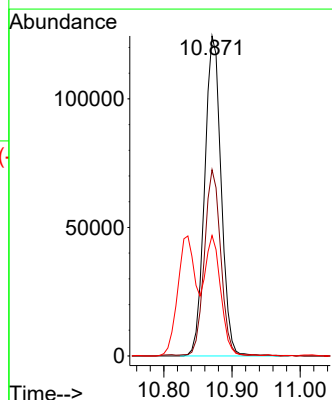
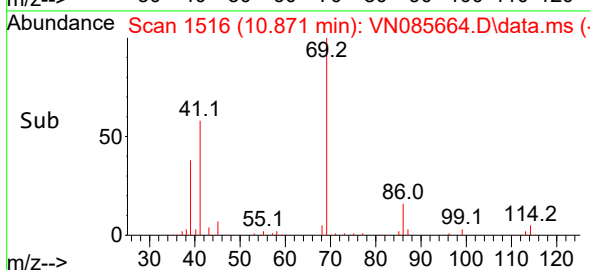
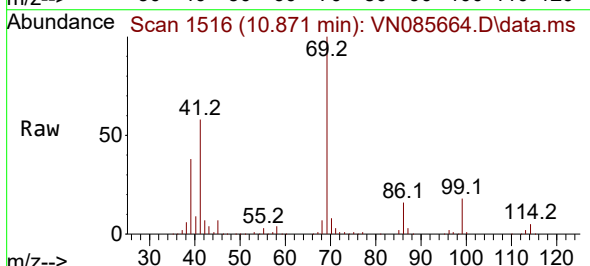
Manual Integrations
APPROVED

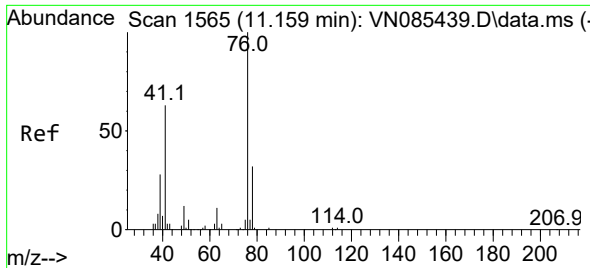
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#56
Ethyl methacrylate
Concen: 49.991 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

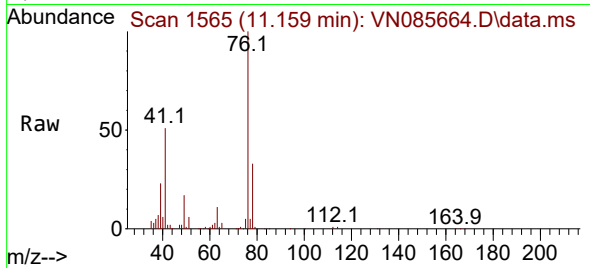
Tgt Ion: 69 Resp: 209546
Ion Ratio Lower Upper
69 100
41 57.0 54.6 82.0
39 35.7 32.4 48.6





#57
1,3-Dichloropropane
Concen: 52.040 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

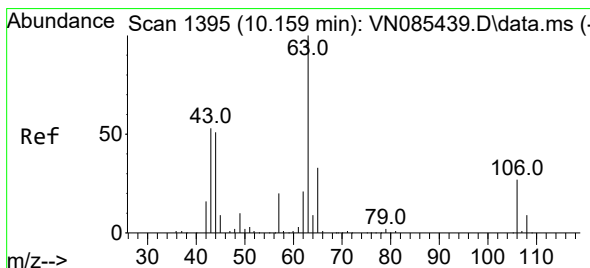
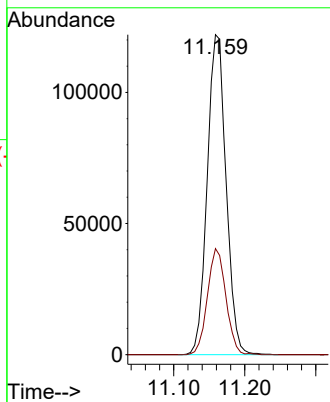
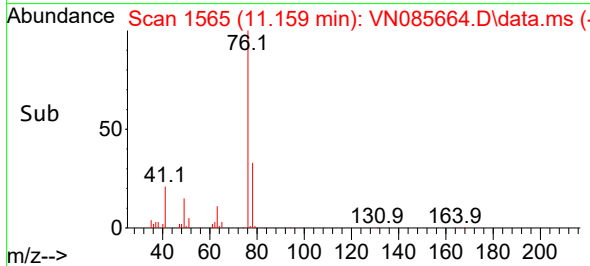
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 225162
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

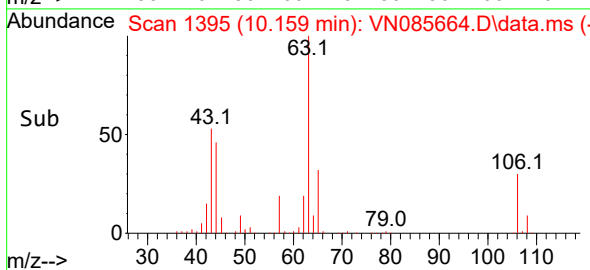
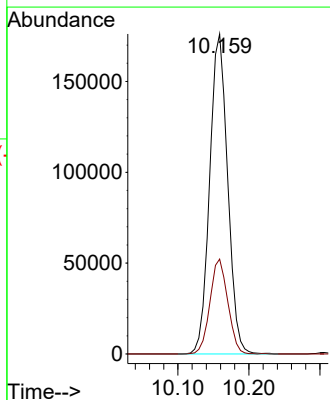
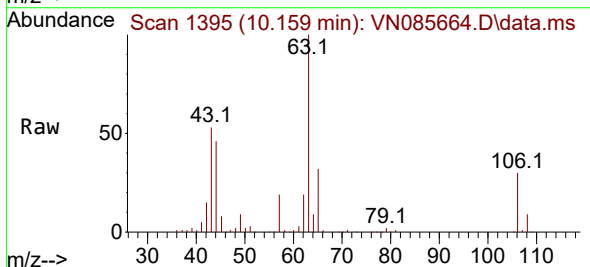
Manual Integrations
APPROVED

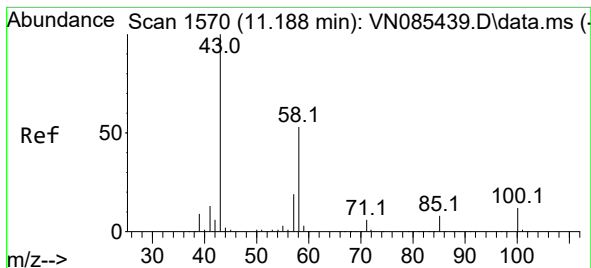
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 195.762 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

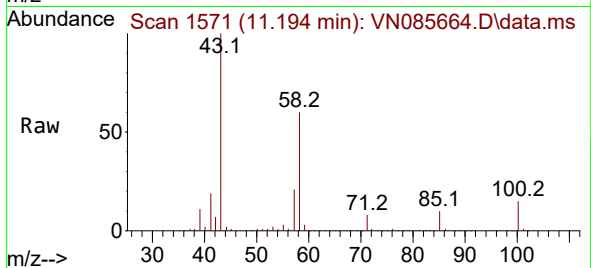
Tgt Ion: 63 Resp: 309122
Ion Ratio Lower Upper
63 100
106 29.4 21.6 32.4





#59
2-Hexanone
Concen: 255.240 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

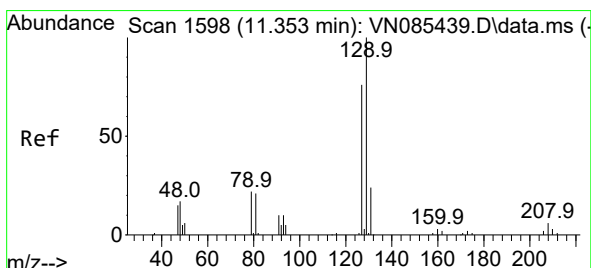
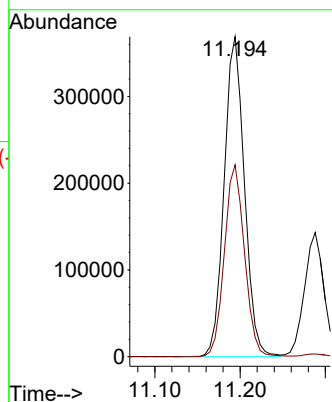
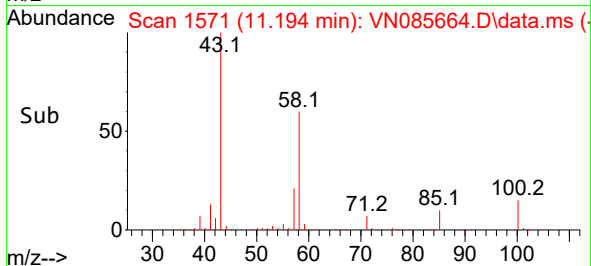
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 608742
Ion Ratio Lower Upper
43 100
58 59.5 26.2 78.6

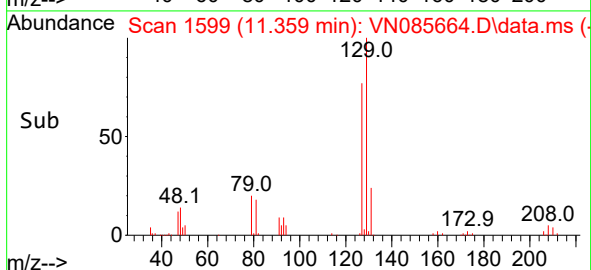
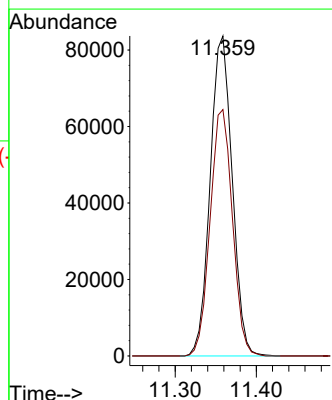
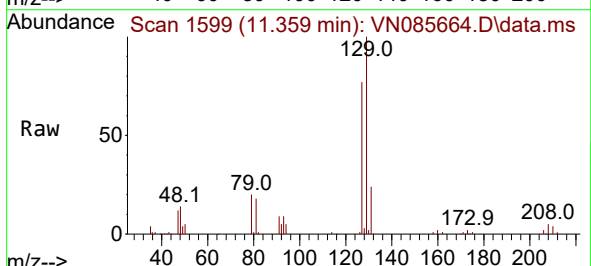
Manual Integrations
APPROVED

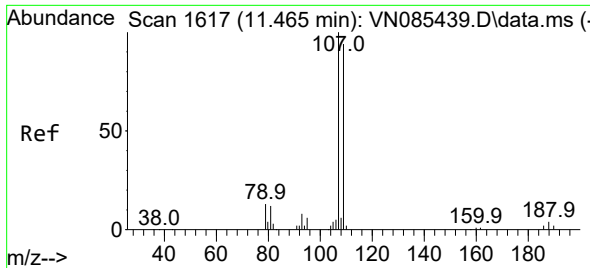
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#60
Dibromochloromethane
Concen: 52.516 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

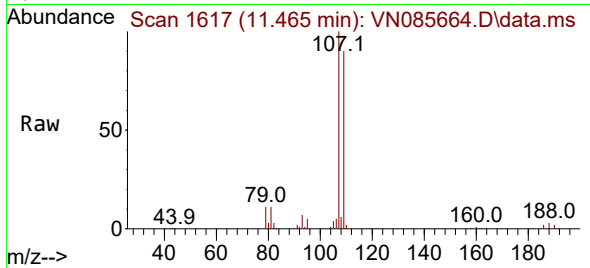
Tgt Ion:129 Resp: 157763
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.228 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

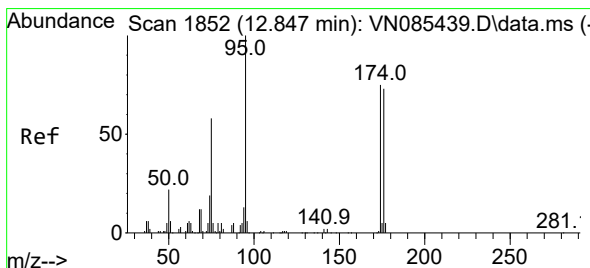
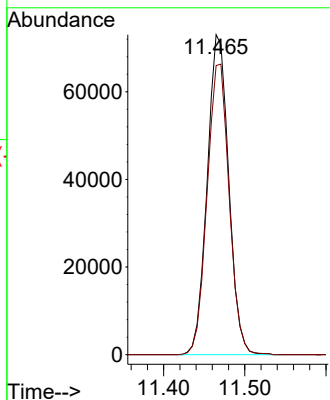
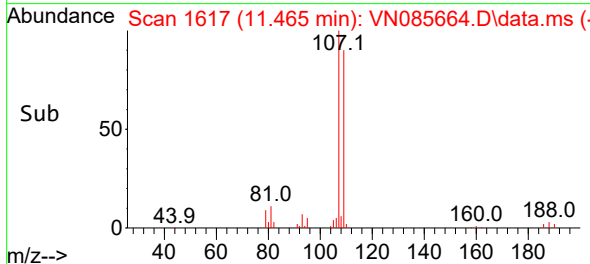
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



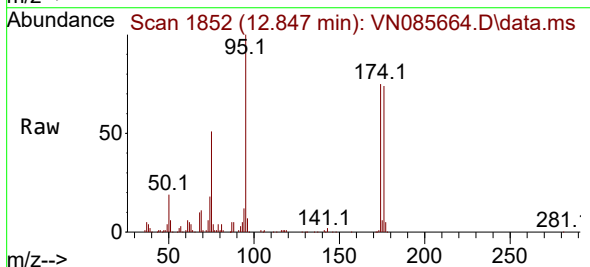
Tgt Ion:107 Resp: 134310
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9

Manual Integrations
APPROVED

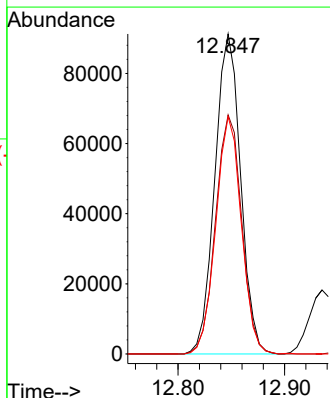
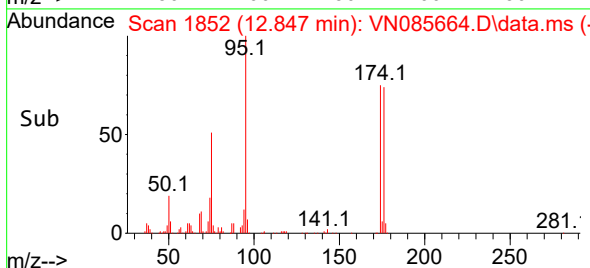
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

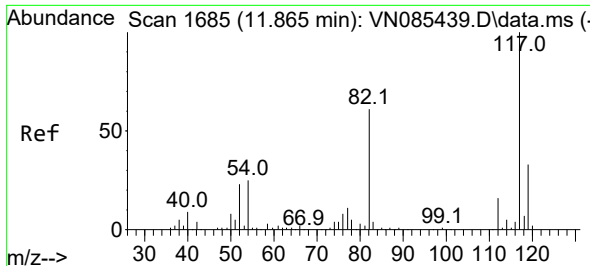


#62
4-Bromofluorobenzene
Concen: 48.969 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



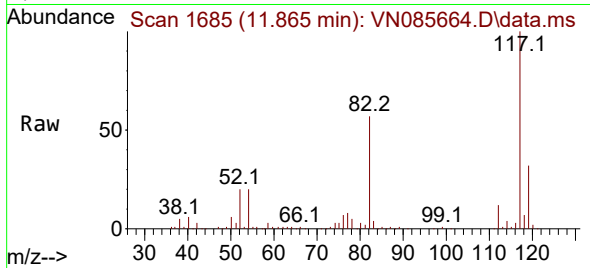
Tgt Ion: 95 Resp: 153154
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 73.6 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

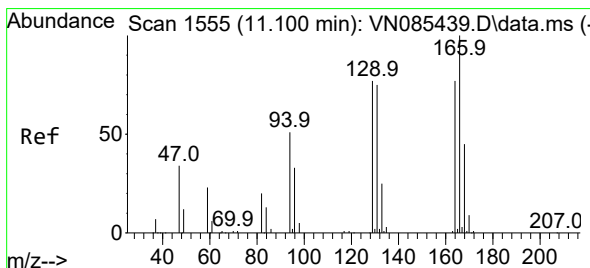
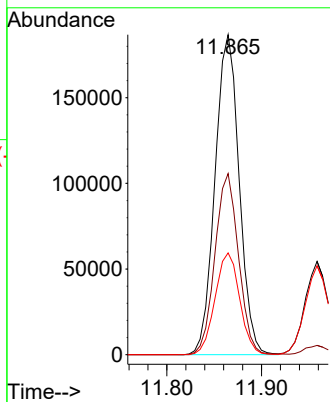
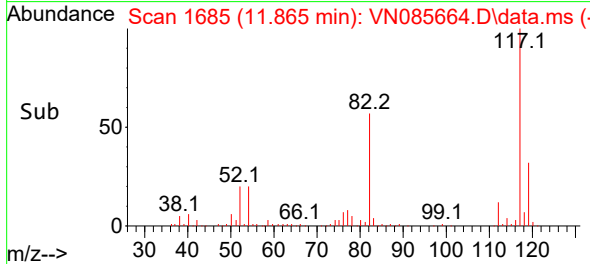
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 331235
Ion Ratio Lower Upper
117 100
82 56.6 48.6 72.8
119 31.8 26.6 39.8

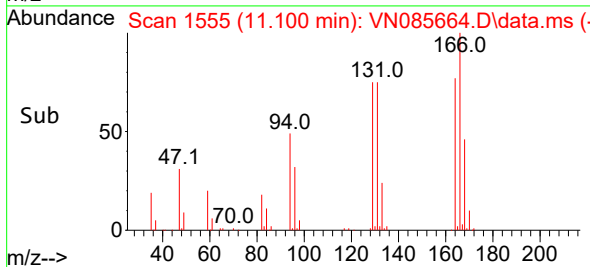
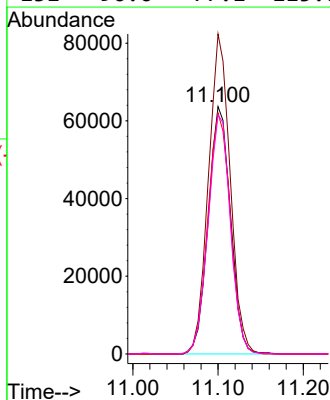
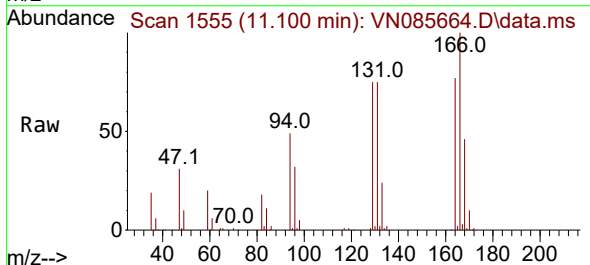
Manual Integrations
APPROVED

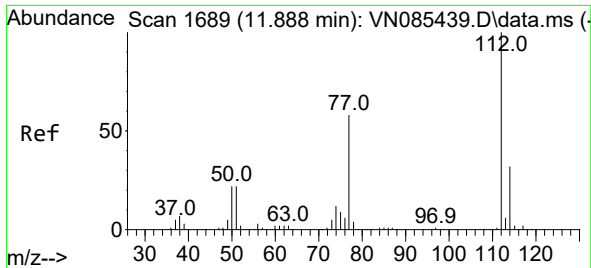
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#64
Tetrachloroethene
Concen: 51.189 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

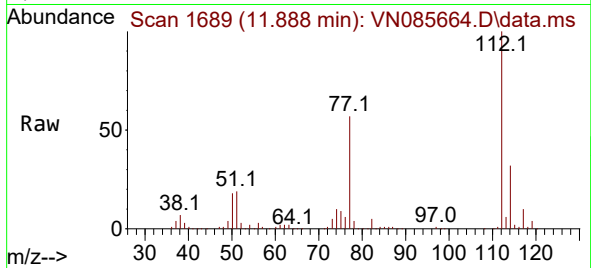
Tgt Ion:164 Resp: 115593
Ion Ratio Lower Upper
164 100
166 129.4 103.4 155.2
129 97.4 79.2 118.8
131 96.6 77.1 115.7





#65
Chlorobenzene
Concen: 53.668 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

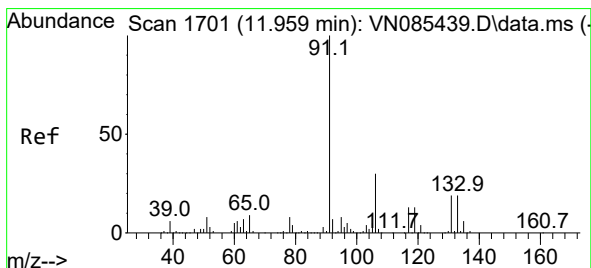
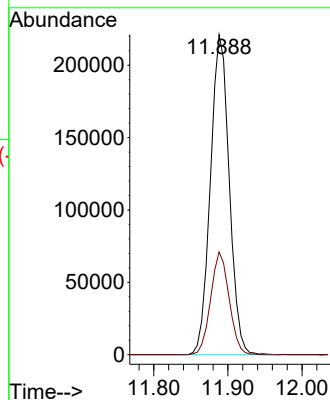
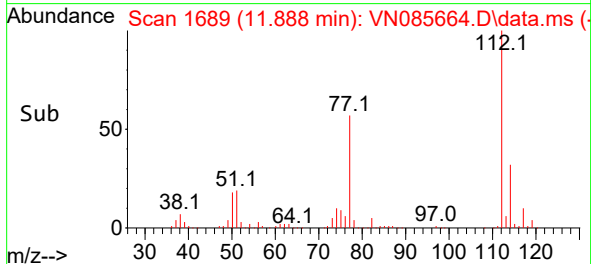
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



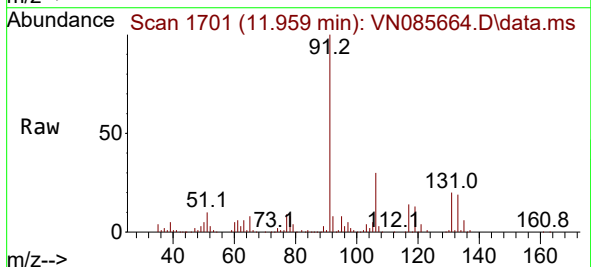
Tgt Ion:112 Resp: 38943
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

Manual Integrations
APPROVED

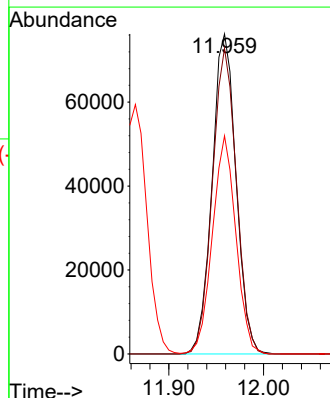
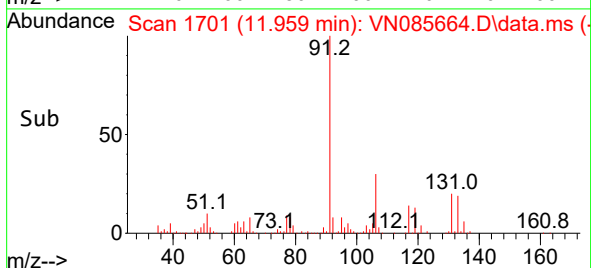
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

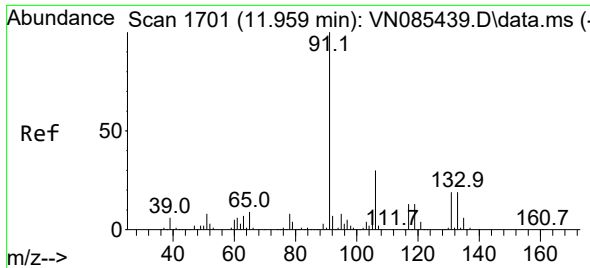


#66
1,1,1,2-Tetrachloroethane
Concen: 50.402 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



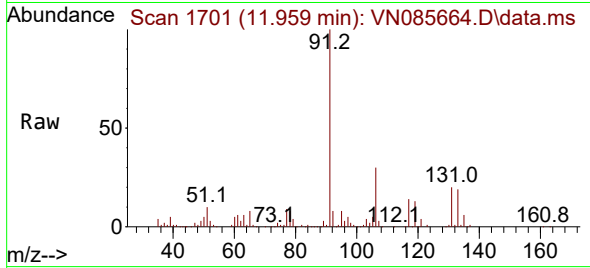
Tgt Ion:131 Resp: 134229
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 66.9 33.1 99.5





#67
Ethyl Benzene
Concen: 55.928 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

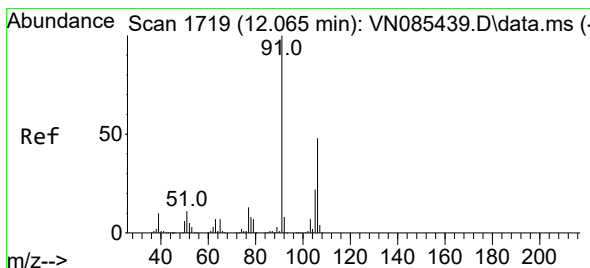
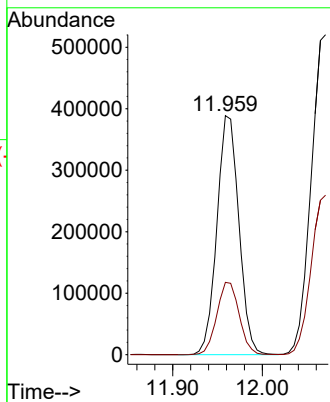
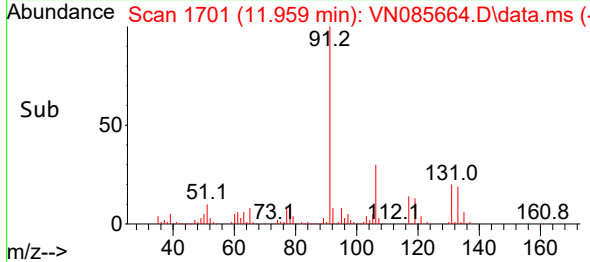
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



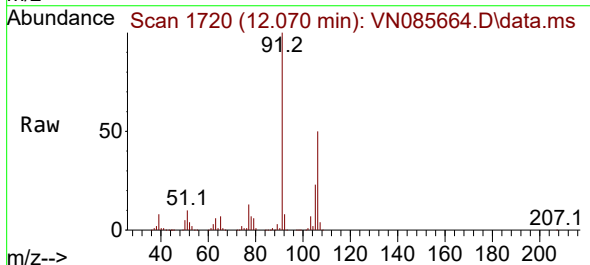
Tgt Ion: 91 Resp: 660992
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8

Manual Integrations
APPROVED

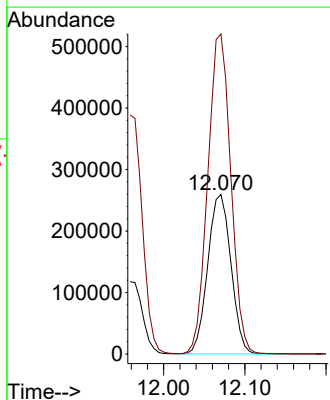
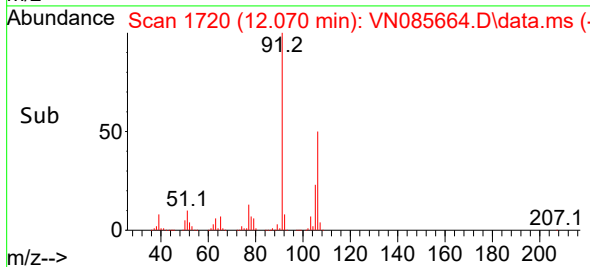
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

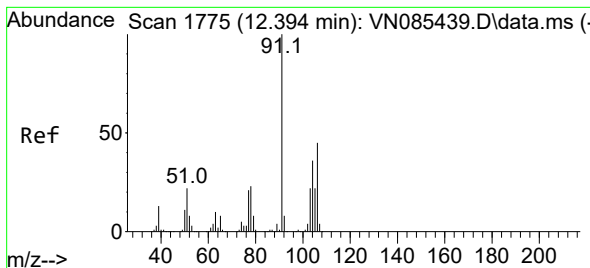


#68
m/p-Xylenes
Concen: 118.079 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



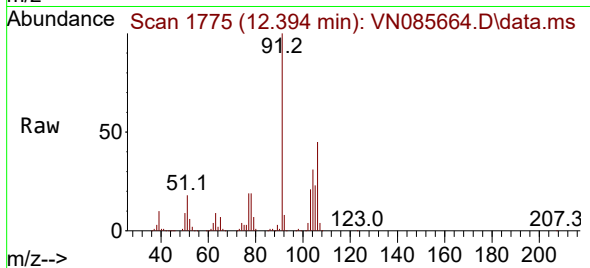
Tgt Ion:106 Resp: 515763
Ion Ratio Lower Upper
106 100
91 199.0 167.7 251.5





#69
o-Xylene
Concen: 58.761 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

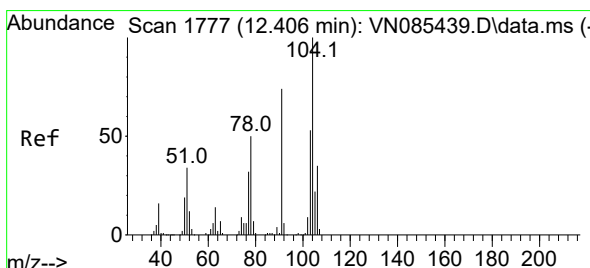
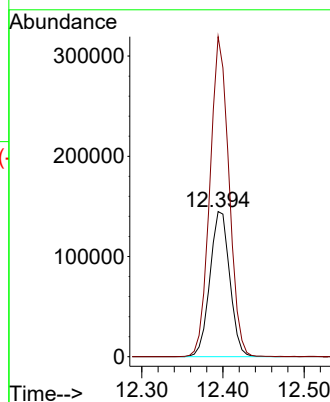
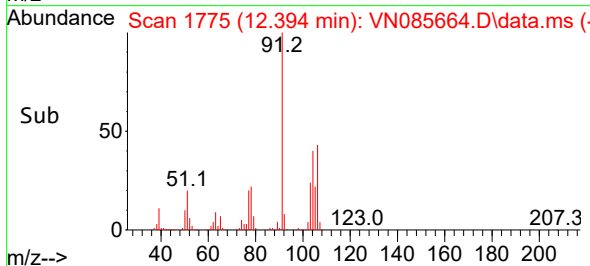
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 245280
Ion Ratio Lower Upper
106 100
91 212.6 110.4 331.2

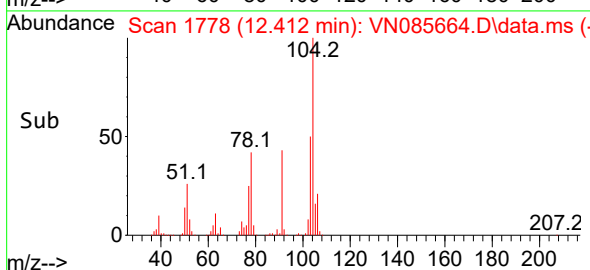
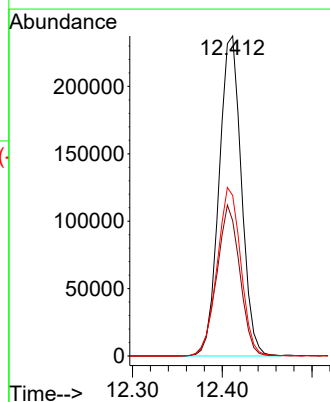
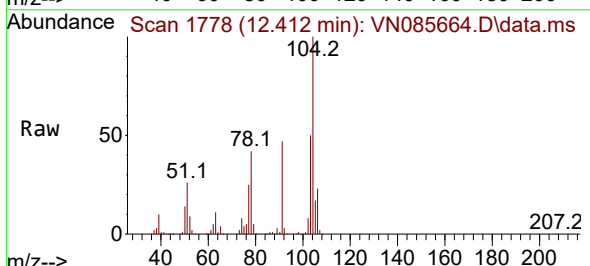
Manual Integrations
APPROVED

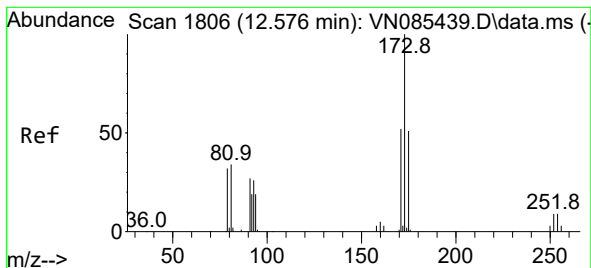
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#70
Styrene
Concen: 59.359 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion:104 Resp: 410076
Ion Ratio Lower Upper
104 100
78 48.9 42.5 63.7
103 55.8 43.8 65.8





#71

Bromoform

Concen: 54.323 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 10351

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.2

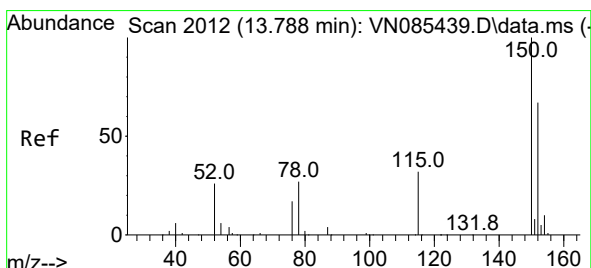
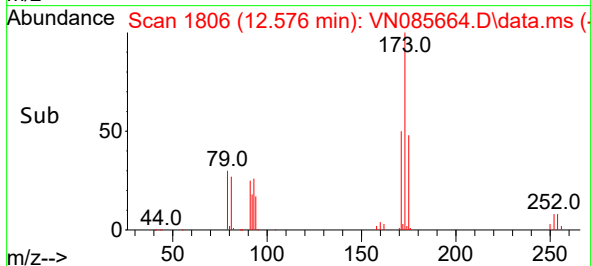
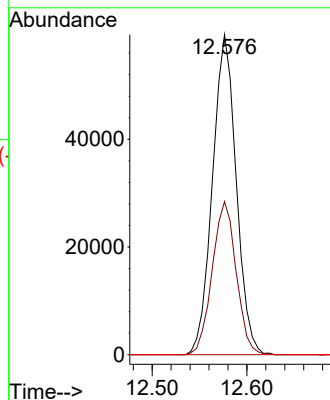
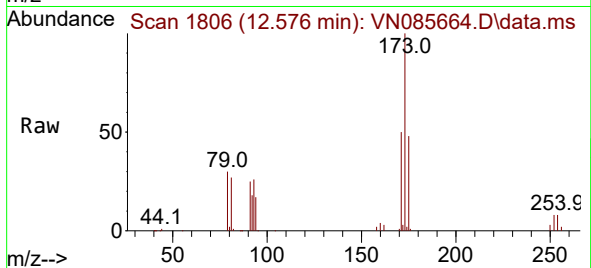
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

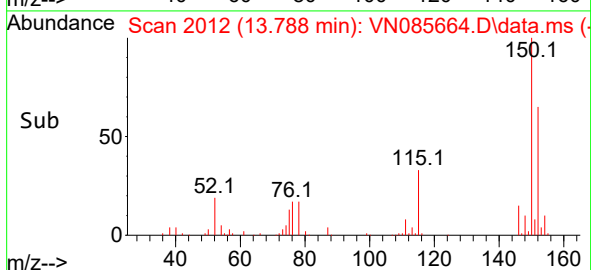
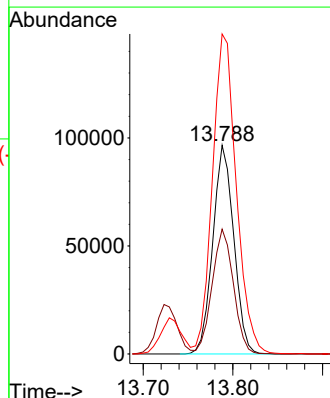
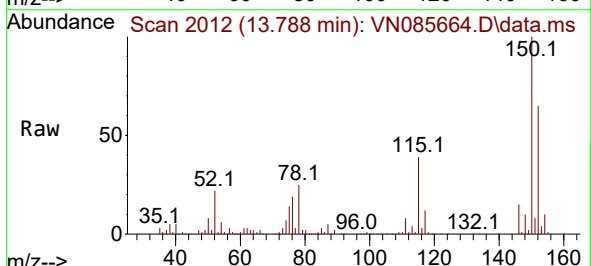
Tgt Ion:152 Resp: 156927

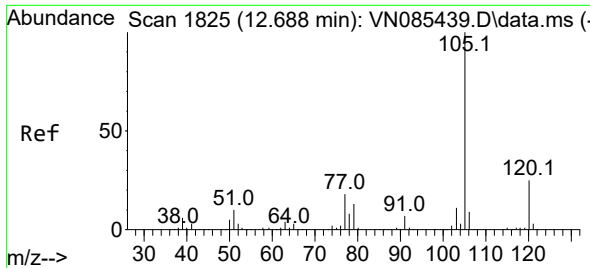
Ion Ratio Lower Upper

152 100

115 60.6 31.1 93.3

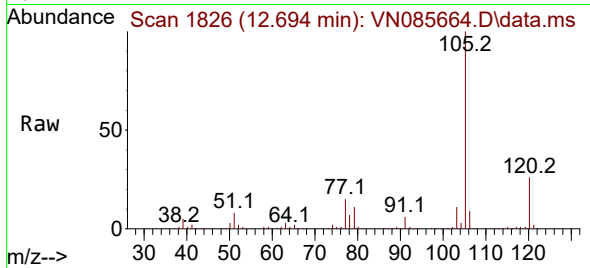
150 174.4 0.0 343.6





#73
Isopropylbenzene
Concen: 57.650 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

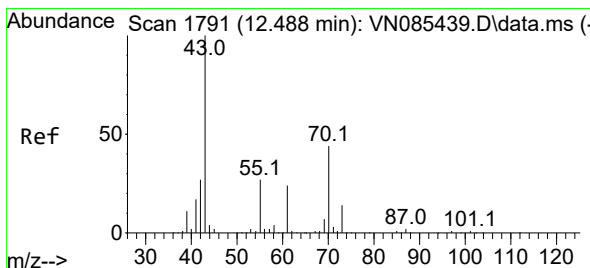
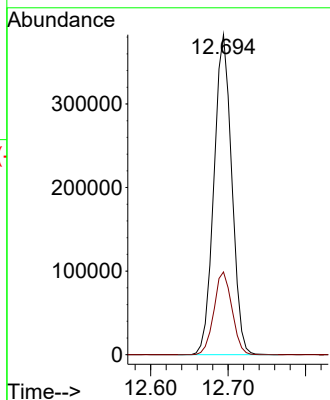
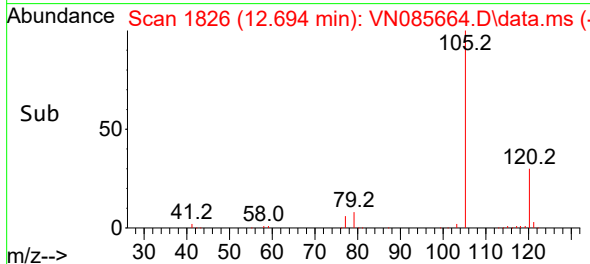
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 610580
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

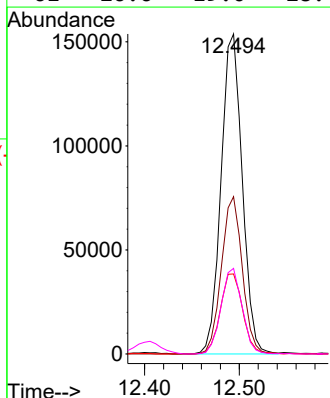
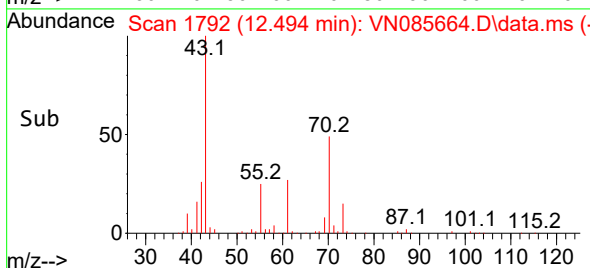
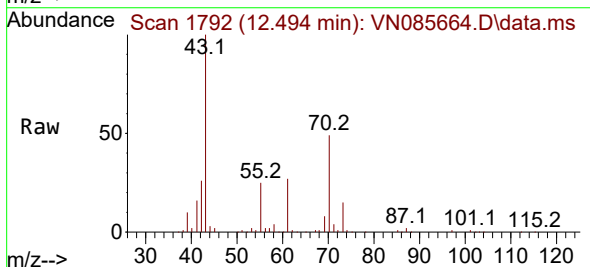
Manual Integrations
APPROVED

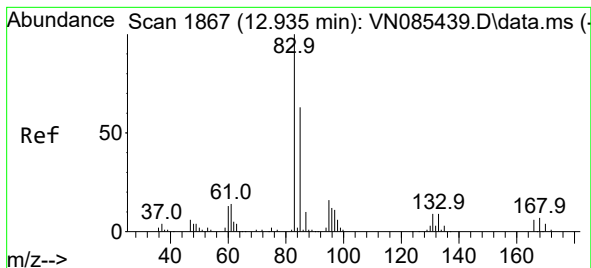
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#74
N-ethyl acetate
Concen: 50.296 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion: 43 Resp: 239434
Ion Ratio Lower Upper
43 100
70 48.7 34.0 51.0
55 26.4 21.4 32.2
61 26.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.261 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 19178

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

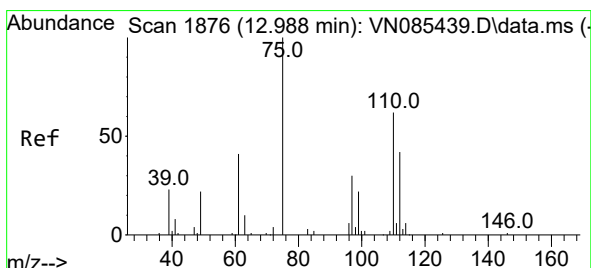
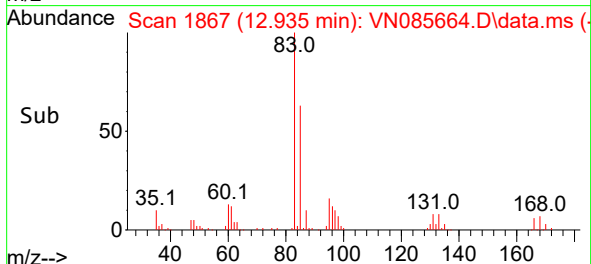
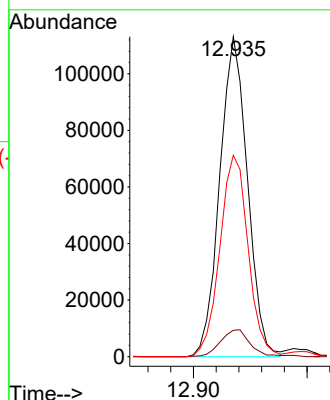
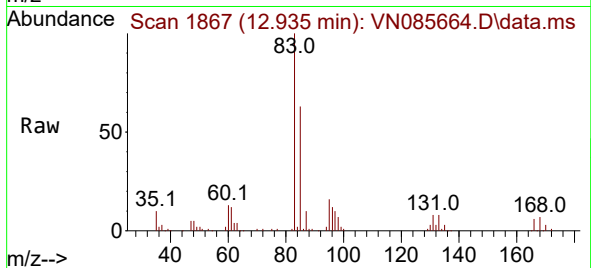
85 64.1 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#76

1,2,3-Trichloropropane

Concen: 48.784 ug/l m

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN085664.D

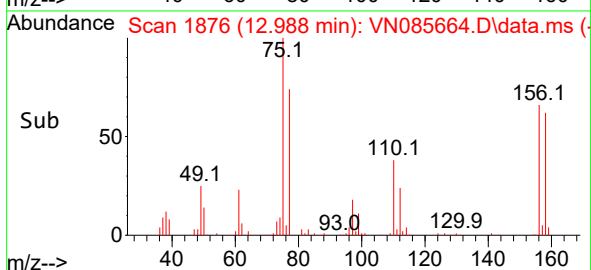
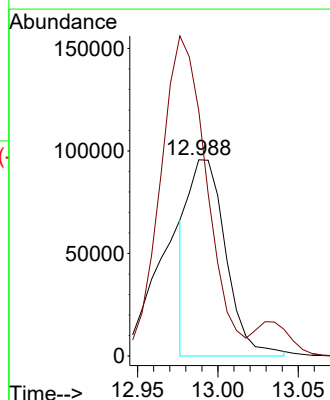
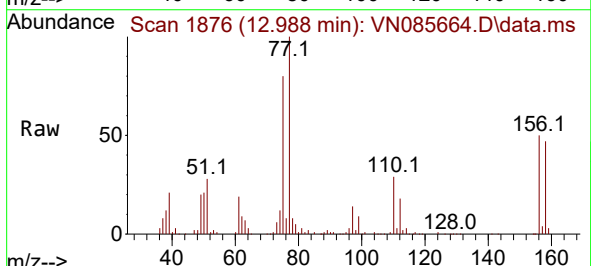
Acq: 04 Feb 2025 20:15

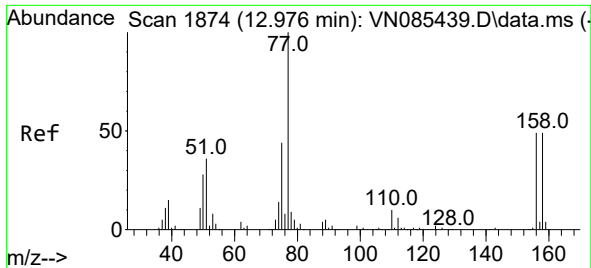
Tgt Ion: 75 Resp: 155602

Ion Ratio Lower Upper

75 100

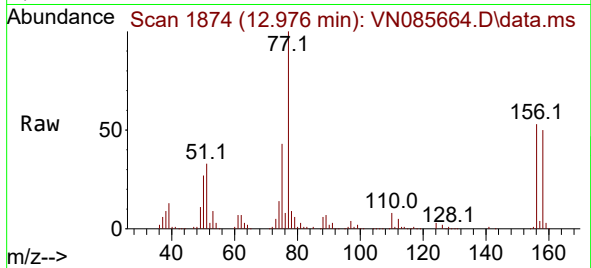
77 202.1 109.7 329.2





#77
Bromobenzene
Concen: 53.229 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

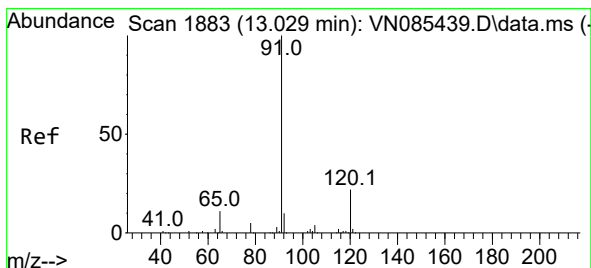
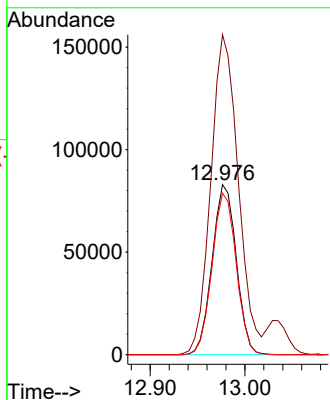
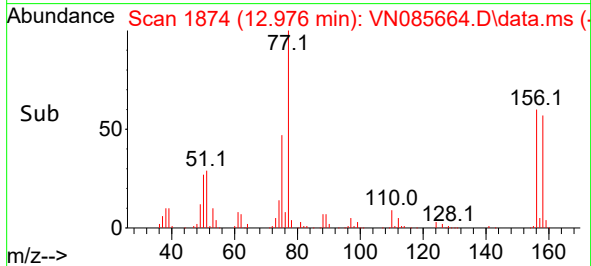
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 14729
Ion Ratio Lower Upper
156 100
77 213.5 114.1 342.4
158 94.8 48.9 146.8

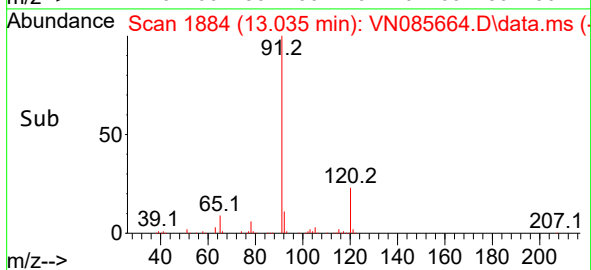
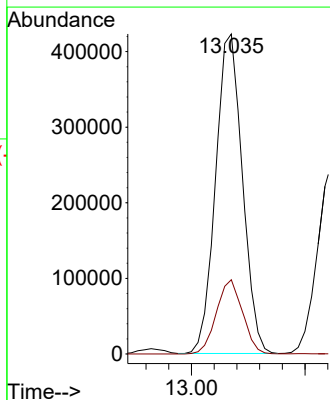
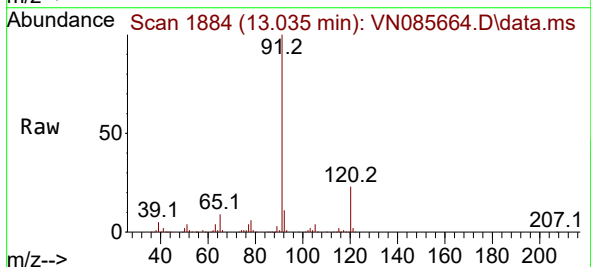
Manual Integrations
APPROVED

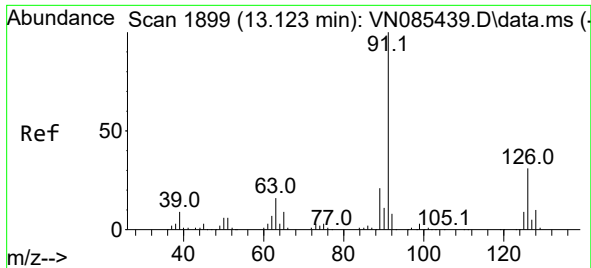
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#78
n-propylbenzene
Concen: 55.269 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion: 91 Resp: 692980
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.6





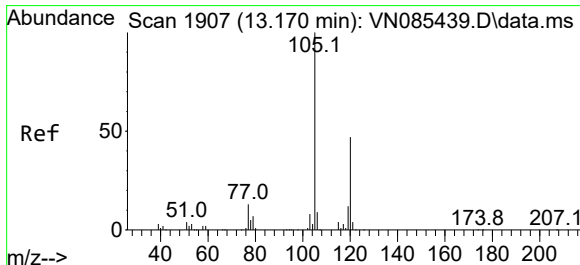
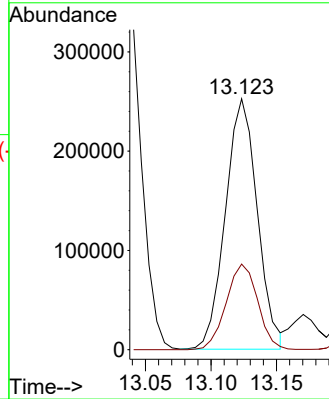
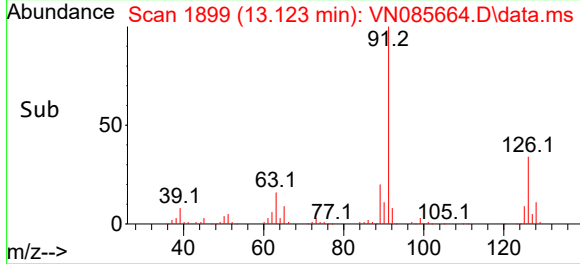
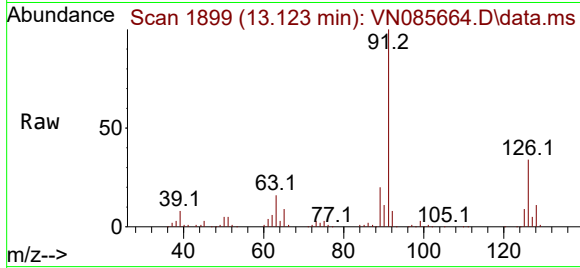
#79
2-Chlorotoluene
Concen: 52.647 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 427210
Ion Ratio Lower Upper
91 100
126 33.8 15.7 47.1

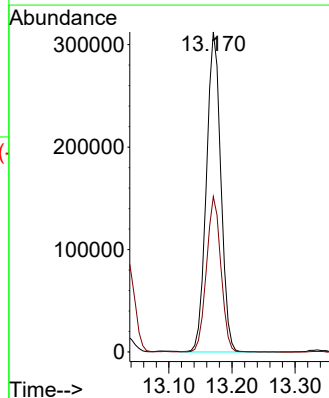
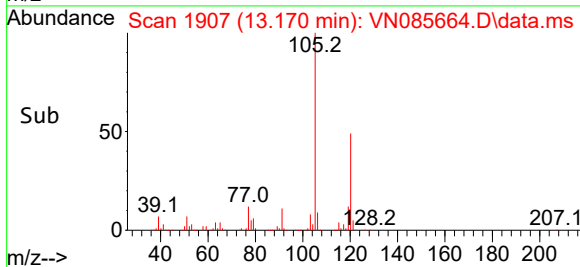
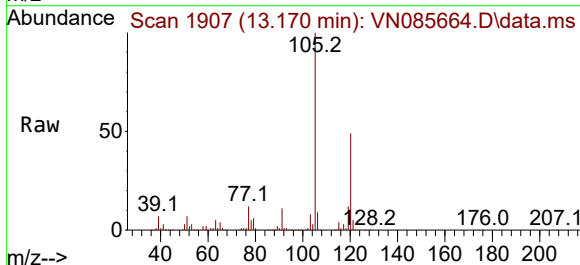
Manual Integrations
APPROVED

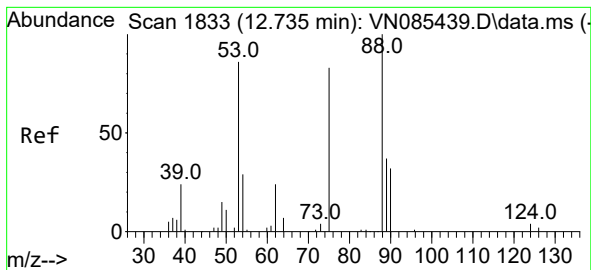
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.764 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

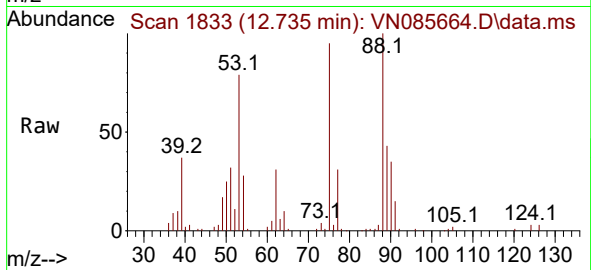
Tgt Ion:105 Resp: 496596
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.737 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

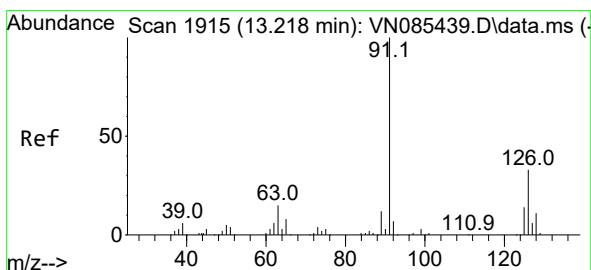
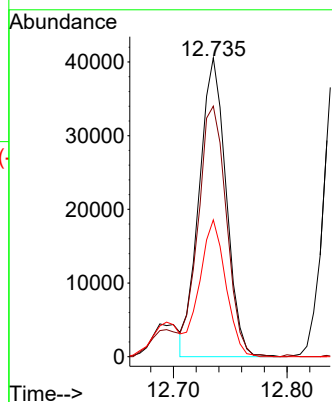
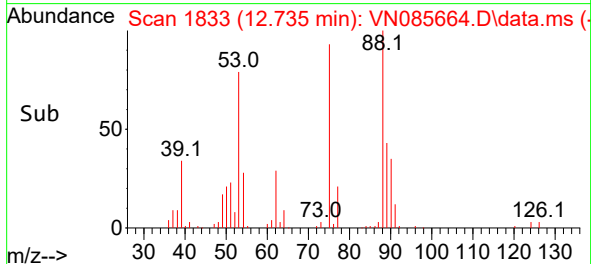
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6688
Ion Ratio Lower Upper
75 100
53 97.3 95.6 143.4
89 45.1 37.0 55.6

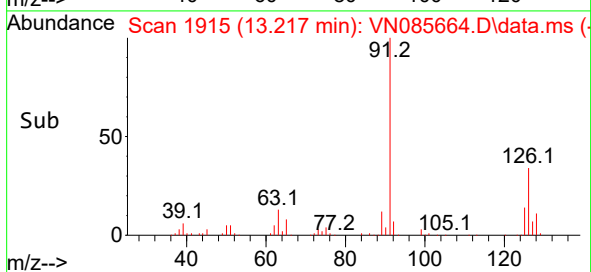
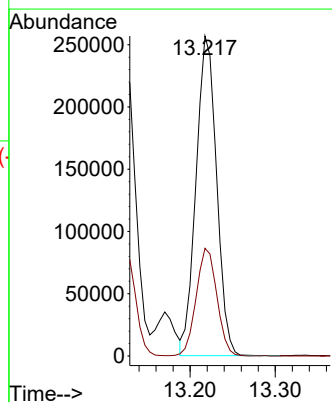
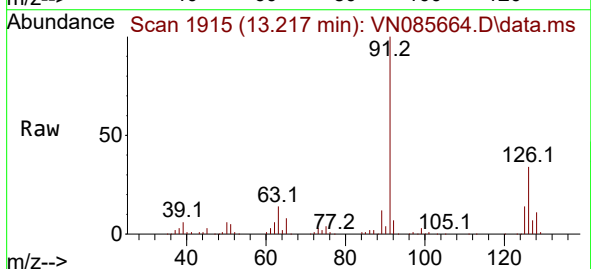
Manual Integrations
APPROVED

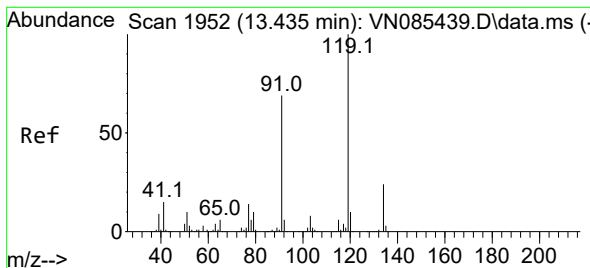
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#82
4-Chlorotoluene
Concen: 53.134 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

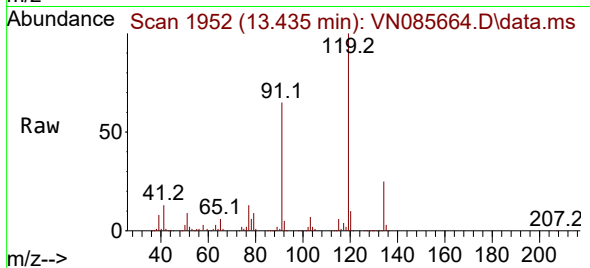
Tgt Ion: 91 Resp: 429304
Ion Ratio Lower Upper
91 100
126 34.0 15.9 47.7





#83
tert-Butylbenzene
Concen: 56.016 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

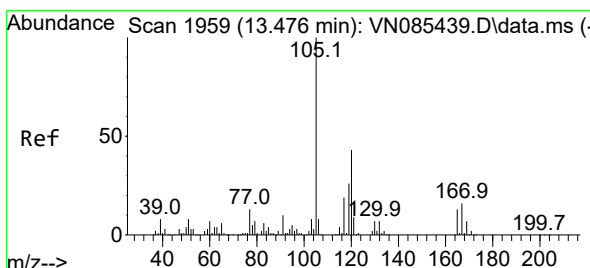
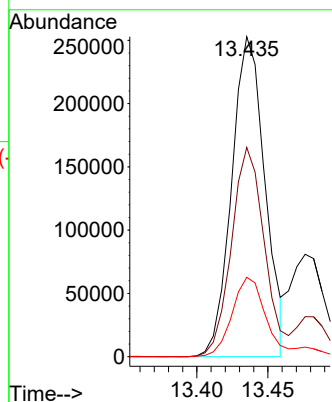
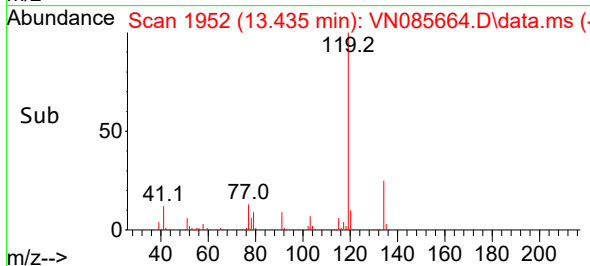
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



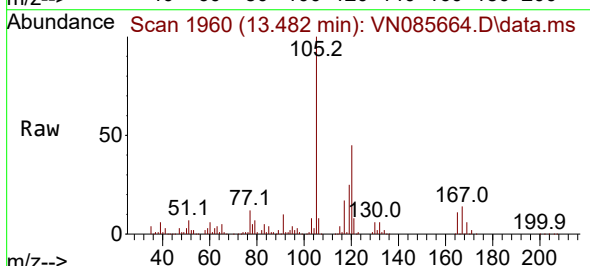
Tgt Ion:119 Resp: 411529
Ion Ratio Lower Upper
119 100
91 65.1 35.1 105.3
134 27.1 12.0 36.1

Manual Integrations
APPROVED

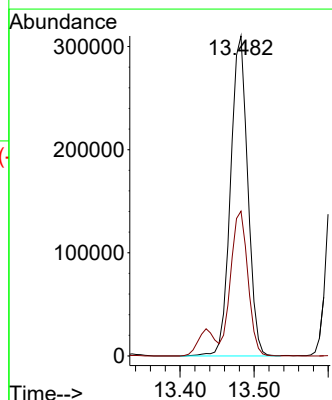
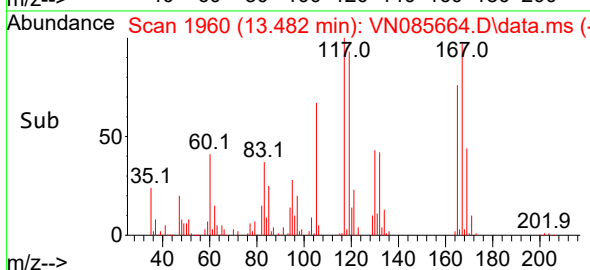
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

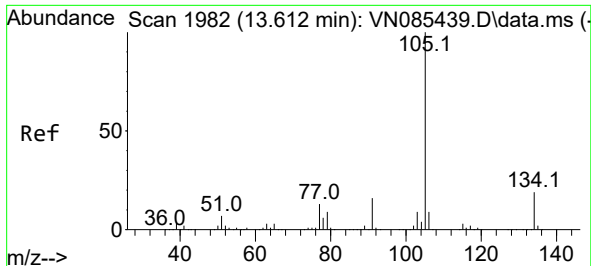


#84
1,2,4-Trimethylbenzene
Concen: 57.240 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15



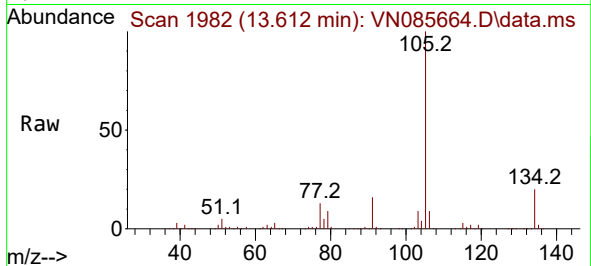
Tgt Ion:105 Resp: 499092
Ion Ratio Lower Upper
105 100
120 45.0 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 55.962 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085664.D
 Acq: 04 Feb 2025 20:15

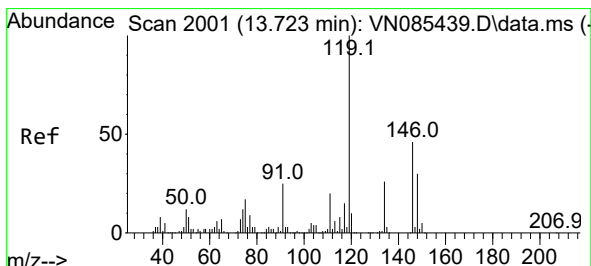
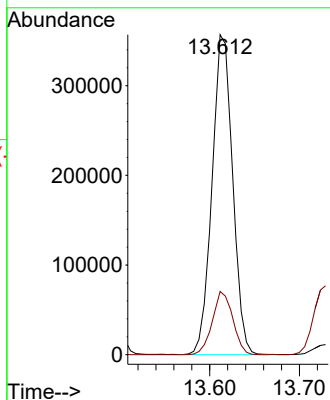
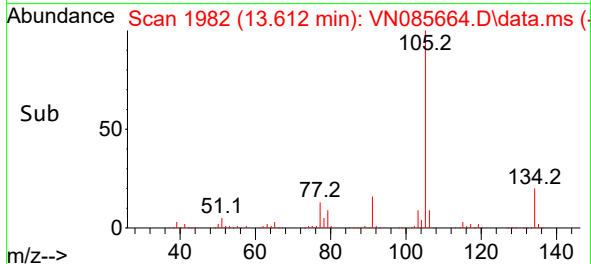
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



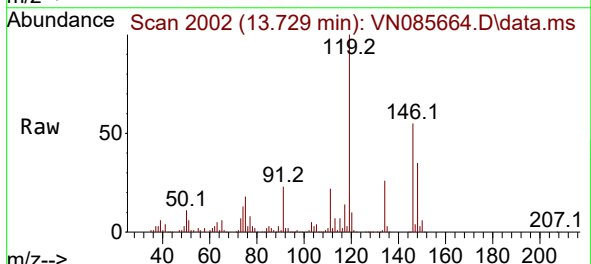
Tgt Ion:105 Resp: 569818
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations
 APPROVED

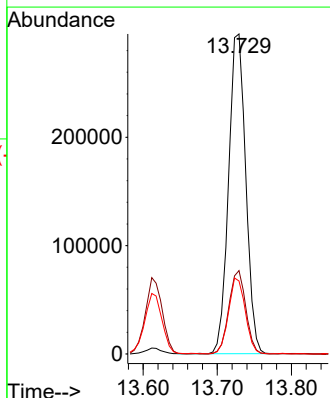
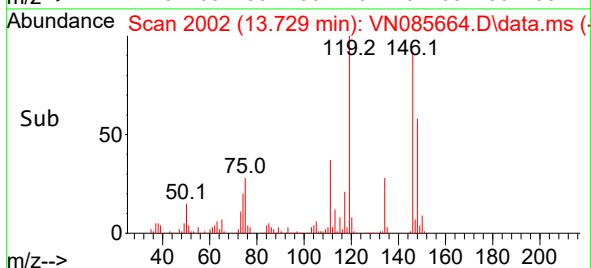
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

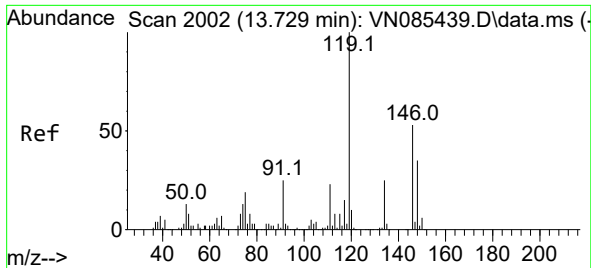


#86
 p-Isopropyltoluene
 Concen: 51.682 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085664.D
 Acq: 04 Feb 2025 20:15



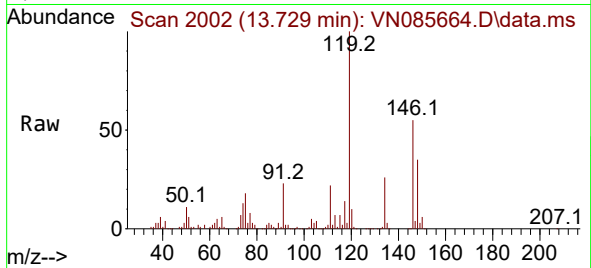
Tgt Ion:119 Resp: 475841
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 23.1 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 51.961 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

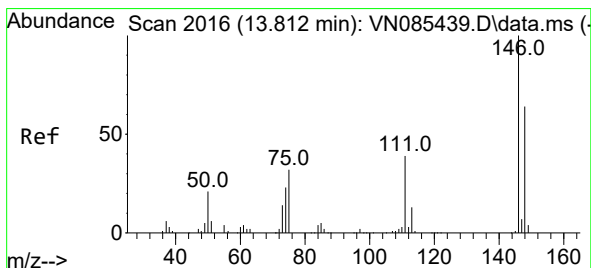
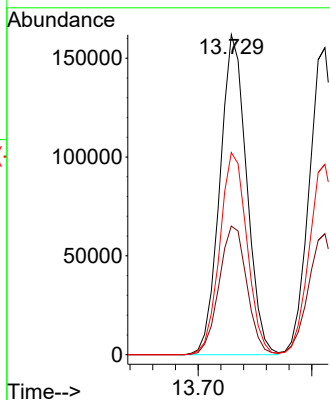
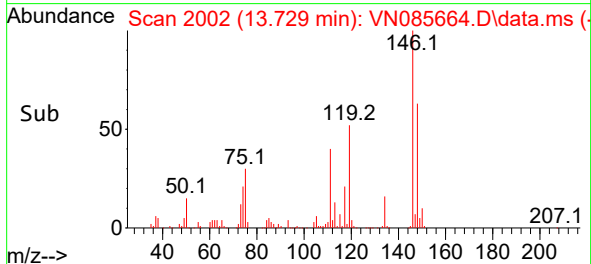
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 264789
Ion Ratio Lower Upper
146 100
111 41.7 21.4 64.3
148 64.4 32.3 96.9

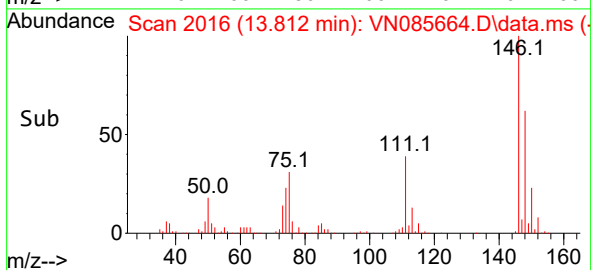
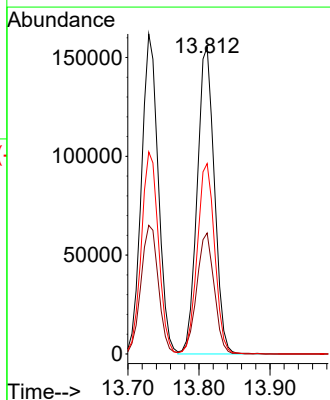
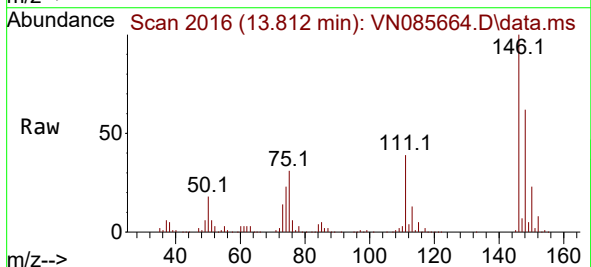
Manual Integrations
APPROVED

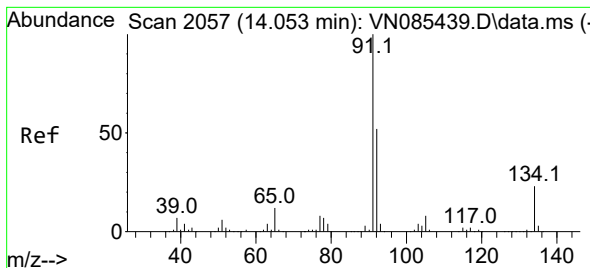
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#88
1,4-Dichlorobenzene
Concen: 49.616 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

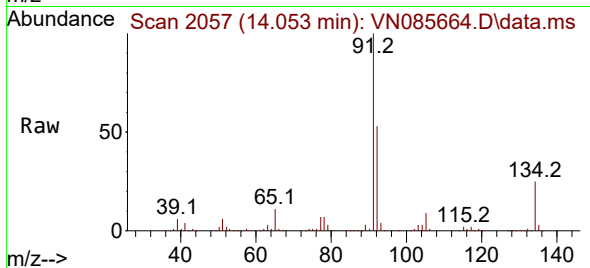
Tgt Ion:146 Resp: 262072
Ion Ratio Lower Upper
146 100
111 39.7 21.3 63.7
148 62.9 32.4 97.0





#89
n-Butylbenzene
Concen: 52.399 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

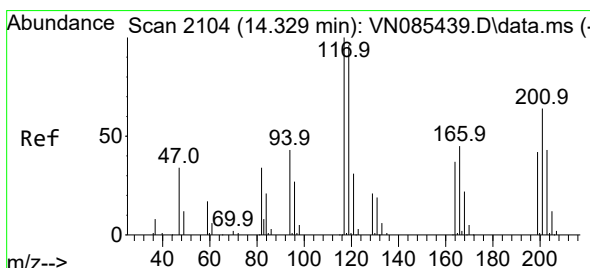
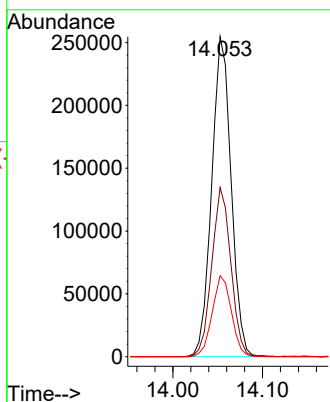
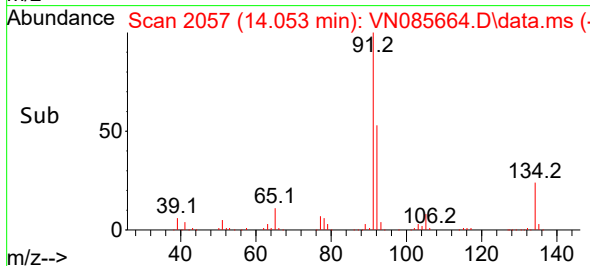
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 382769
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.3
134 24.9 11.7 35.1

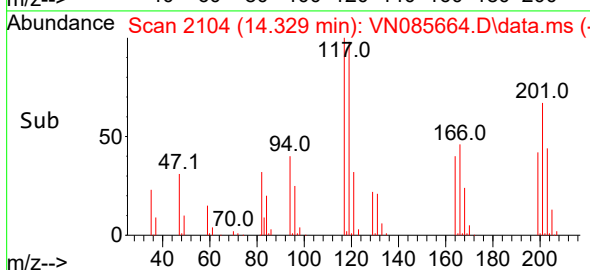
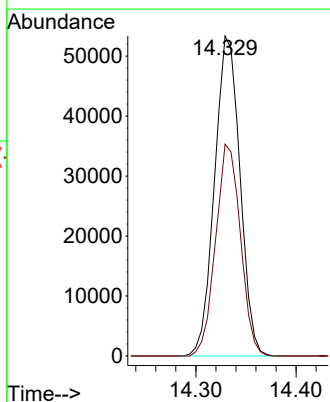
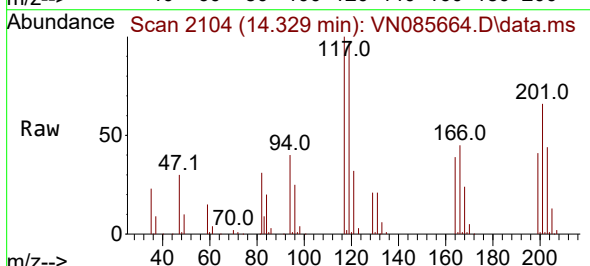
Manual Integrations
APPROVED

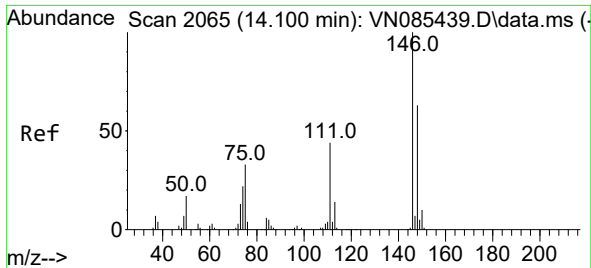
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#90
Hexachloroethane
Concen: 48.490 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion:117 Resp: 93994
Ion Ratio Lower Upper
117 100
201 64.7 33.7 101.0





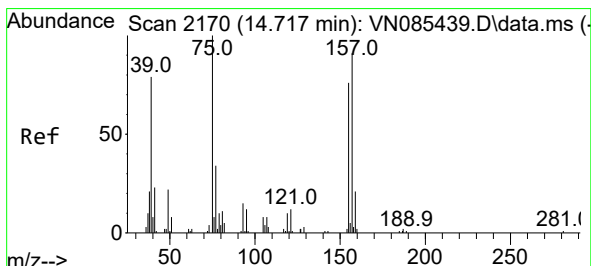
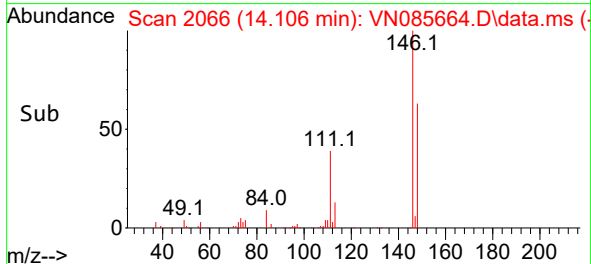
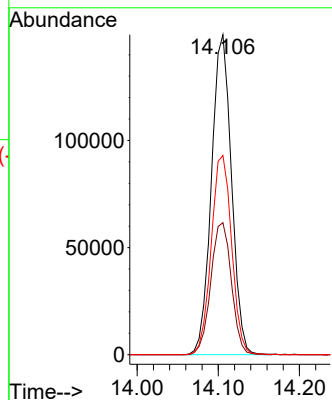
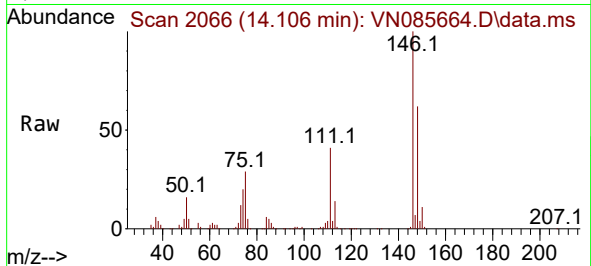
#91
1,2-Dichlorobenzene
Concen: 50.370 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 256034
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 63.4 31.4 94.2

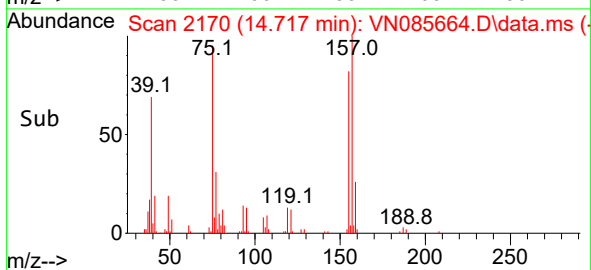
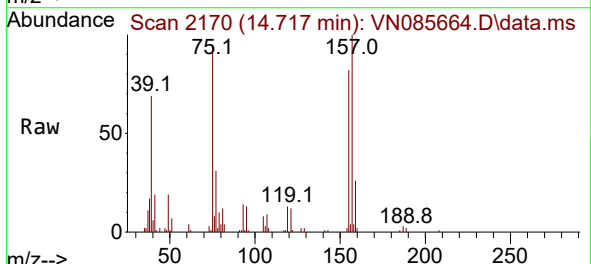
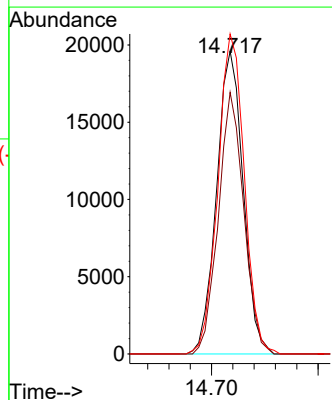
Manual Integrations
APPROVED

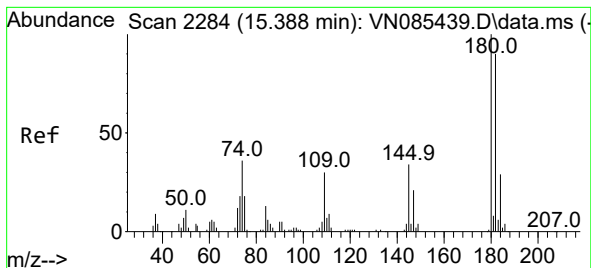
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.679 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion: 75 Resp: 33940
Ion Ratio Lower Upper
75 100
155 82.5 36.4 109.2
157 105.0 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 50.226 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 11865

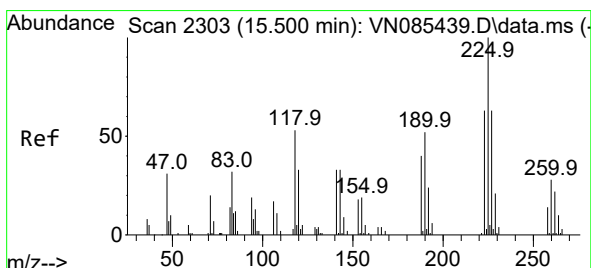
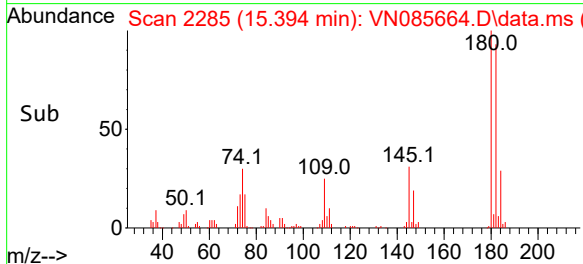
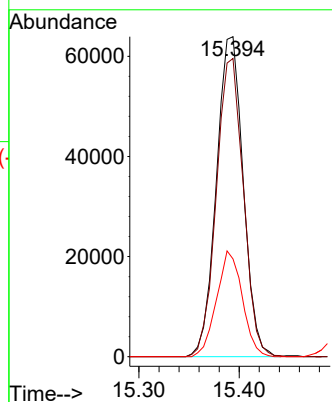
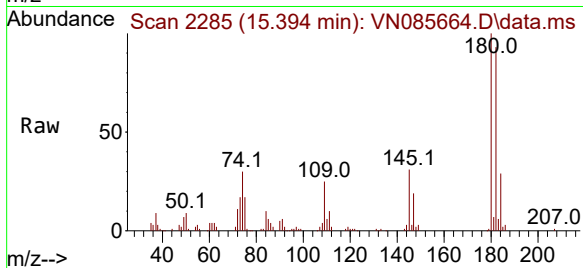
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.3
145	31.7	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#94

Hexachlorobutadiene

Concen: 41.644 ug/l

RT: 15.500 min Scan# 2303

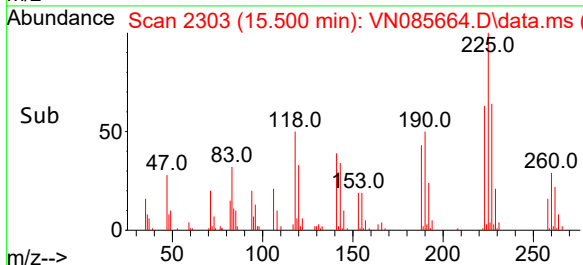
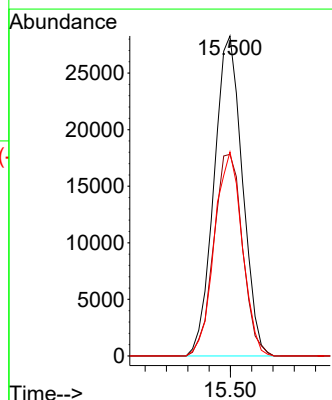
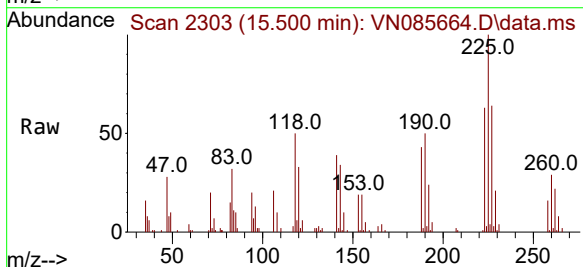
Delta R.T. -0.000 min

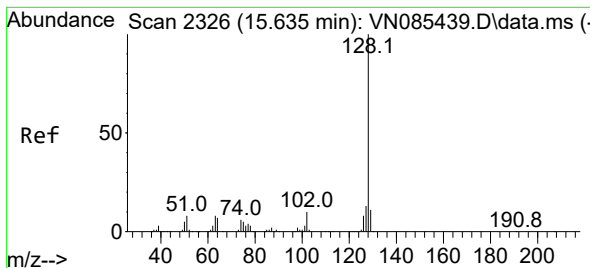
Lab File: VN085664.D

Acq: 04 Feb 2025 20:15

Tgt Ion:225 Resp: 52232

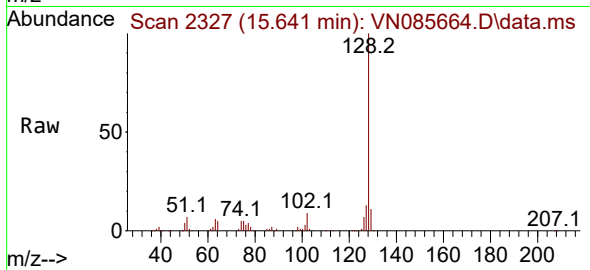
Ion	Ratio	Lower	Upper
225	100		
223	64.1	30.7	92.1
227	62.5	30.9	92.5





#95
Naphthalene
Concen: 56.729 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

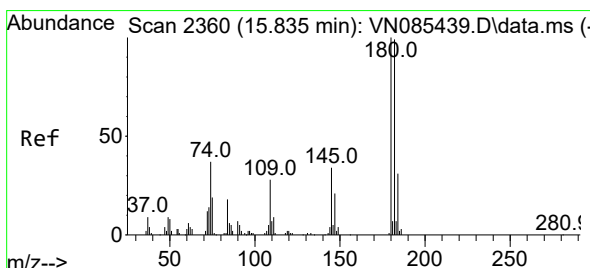
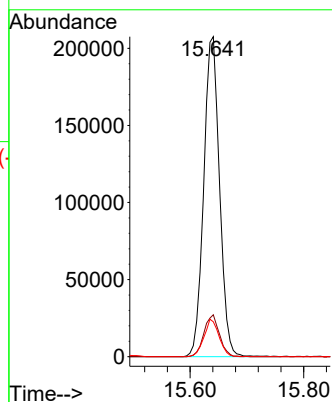
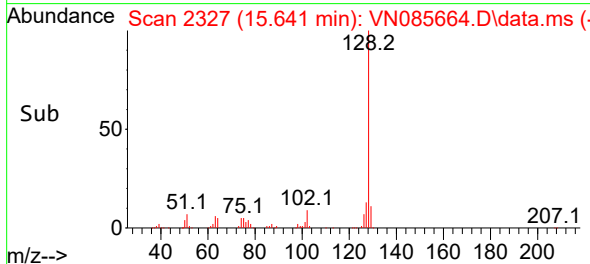
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 39992
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.673 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085664.D
Acq: 04 Feb 2025 20:15

Tgt Ion:180 Resp: 116351
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 33.8 16.9 50.7

