

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN085996.D
 Acq On : 18 Mar 2025 11:44
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 19 02:52:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231291	92.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 184.620%#			
35) Dibromofluoromethane	8.165	113	186688	95.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 190.880%#			
50) Toluene-d8	10.565	98	733621	103.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 206.680%#			
62) 4-Bromofluorobenzene	12.847	95	288124	113.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 227.620%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	258760	106.744	ug/l	100
3) Chloromethane	2.359	50	210559	99.080	ug/l	99
4) Vinyl Chloride	2.506	62	227757	104.817	ug/l	99
5) Bromomethane	2.930	94	141847	95.836	ug/l	95
6) Chloroethane	3.106	64	130043	94.868	ug/l	90
7) Trichlorofluoromethane	3.489	101	387652	99.243	ug/l	99
8) Diethyl Ether	3.953	74	129491	108.290	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	209946	101.130	ug/l	99
10) Methyl Iodide	4.583	142	296609	109.651	ug/l	95
11) Tert butyl alcohol	5.518	59	172466	486.176	ug/l	99
12) 1,1-Dichloroethene	4.336	96	207400	110.639	ug/l	96
13) Acrolein	4.171	56	180315	476.573	ug/l	98
14) Allyl chloride	5.018	41	249826	106.826	ug/l	98
15) Acrylonitrile	5.712	53	486527	519.314	ug/l	99
16) Acetone	4.418	43	459532	600.330	ug/l	100
17) Carbon Disulfide	4.706	76	603612	97.911	ug/l	99
18) Methyl Acetate	5.018	43	178753	94.384	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	690939	112.481	ug/l	99
20) Methylene Chloride	5.265	84	224327	100.177	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	220657	107.710	ug/l	99
22) Diisopropyl ether	6.665	45	559282	112.225	ug/l	99
23) Vinyl Acetate	6.600	43	2187667	579.034	ug/l	100
24) 1,1-Dichloroethane	6.559	63	374239	102.121	ug/l	99
25) 2-Butanone	7.477	43	605615	548.306	ug/l	99
26) 2,2-Dichloropropane	7.483	77	377635	107.034	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	251929	108.218	ug/l	98
28) Bromochloromethane	7.812	49	147305	94.874	ug/l	98
29) Tetrahydrofuran	7.830	42	372372	546.087	ug/l	99
30) Chloroform	7.965	83	409546	101.106	ug/l	99
31) Cyclohexane	8.253	56	325757	104.345	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	400089	104.344	ug/l	98
36) 1,1-Dichloropropene	8.365	75	296177	114.993	ug/l	100
37) Ethyl Acetate	7.559	43	224022	103.099	ug/l	98
38) Carbon Tetrachloride	8.359	117	377239	111.395	ug/l	98
39) Methylcyclohexane	9.600	83	324420	126.957	ug/l	97
40) Benzene	8.600	78	902443	111.613	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	123440	118.971	ug/l	95
42) 1,2-Dichloroethane	8.665	62	301678	107.080	ug/l	99
43) Isopropyl Acetate	8.683	43	398367	84.427	ug/l	99
44) Trichloroethene	9.347	130	220997	105.460	ug/l	92
45) 1,2-Dichloropropane	9.618	63	205313	111.644	ug/l	97
46) Dibromomethane	9.706	93	156183	107.992	ug/l	100
47) Bromodichloromethane	9.882	83	336242	111.244	ug/l	99
48) Methyl methacrylate	9.677	41	183832	118.314	ug/l	98
49) 1,4-Dioxane	9.688	88	83630	2276.865	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	1216534	585.839	ug/l	100
52) Toluene	10.629	92	601872	121.286	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	362129	123.365	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	369494	119.304	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	213909	112.938	ug/l	96
56) Ethyl methacrylate	10.871	69	354676	100.009	ug/l	99
57) 1,3-Dichloropropane	11.159	76	368384	114.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	678829	498.510	ug/l	99
59) 2-Hexanone	11.194	43	935328	618.290	ug/l	99
60) Dibromochloromethane	11.359	129	281651	115.239	ug/l	99
61) 1,2-Dibromoethane	11.465	107	224197	115.301	ug/l	98
64) Tetrachloroethene	11.100	164	217951	102.122	ug/l	98
65) Chlorobenzene	11.888	112	657655	107.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	241702	106.205	ug/l	98
67) Ethyl Benzene	11.959	91	1182051	120.702	ug/l	99
68) m/p-Xylenes	12.071	106	927553	240.977	ug/l	99
69) o-Xylene	12.394	106	444866	125.926	ug/l	99
70) Styrene	12.412	104	765959	126.938	ug/l	100
71) Bromoform	12.576	173	209637	110.191	ug/l #	99
73) Isopropylbenzene	12.694	105	1139716	113.143	ug/l	100
74) N-amyl acetate	12.494	43	377161	111.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	317335	93.117	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	315551m	93.831	ug/l	
77) Bromobenzene	12.976	156	284449	101.270	ug/l	100
78) n-propylbenzene	13.035	91	1341141	117.577	ug/l	100
79) 2-Chlorotoluene	13.123	91	832060	109.823	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1002727	117.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	143254	114.684	ug/l	97
82) 4-Chlorotoluene	13.218	91	861737	110.605	ug/l	99
83) tert-Butylbenzene	13.435	119	820651	112.824	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1024294	119.410	ug/l	100
85) sec-Butylbenzene	13.612	105	1160166	122.266	ug/l	100
86) p-Isopropyltoluene	13.729	119	1015859	126.470	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	543572	107.364	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	538505	101.234	ug/l	99
89) n-Butylbenzene	14.053	91	848367	129.699	ug/l	100
90) Hexachloroethane	14.329	117	187906	101.383	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	506350	100.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	70713	103.948	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	280971	111.025	ug/l	99
94) Hexachlorobutadiene	15.500	225	144077	98.130	ug/l	99
95) Naphthalene	15.641	128	843691	115.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	265586	110.600	ug/l	99

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ClientSampleId :
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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

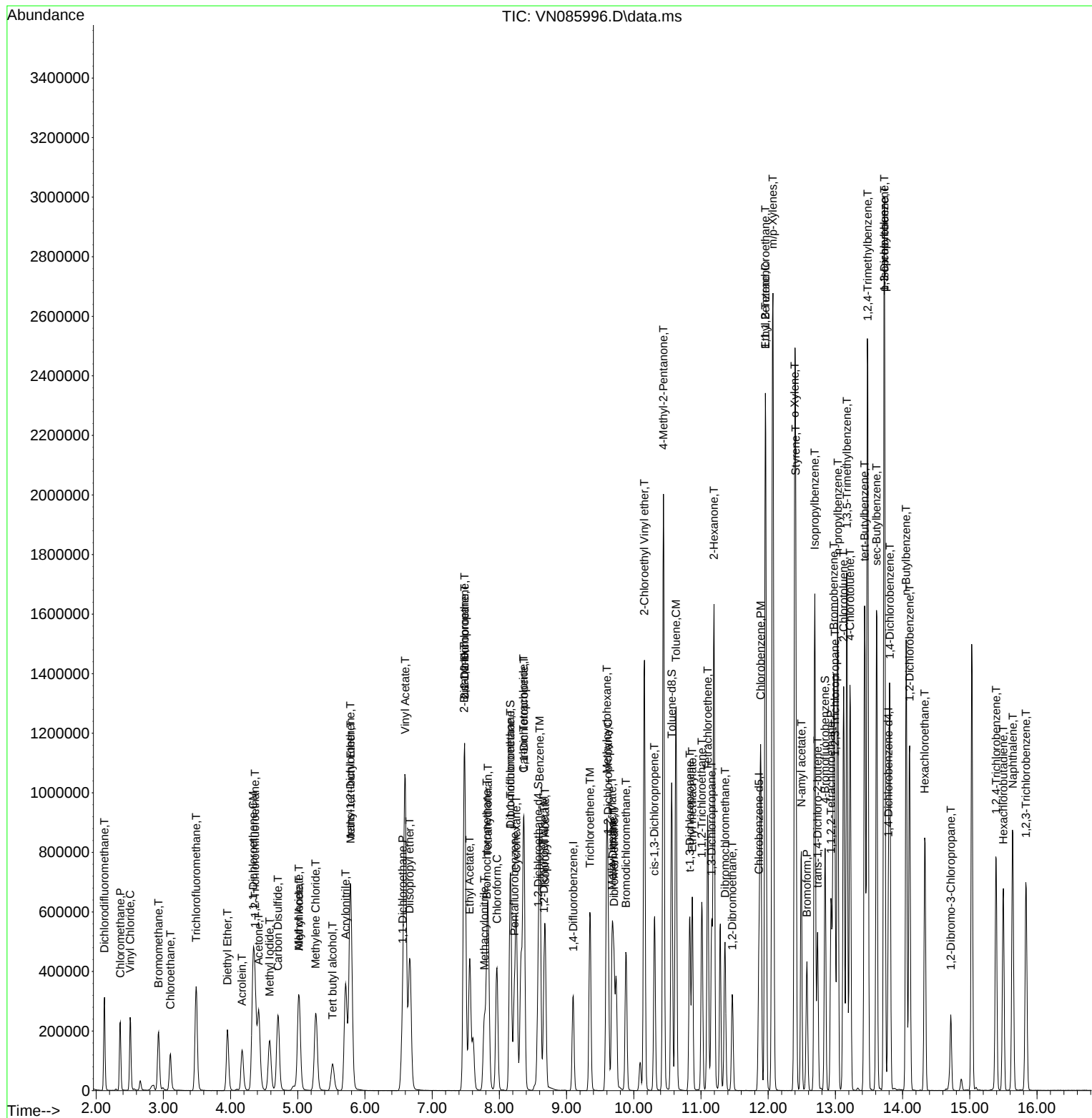
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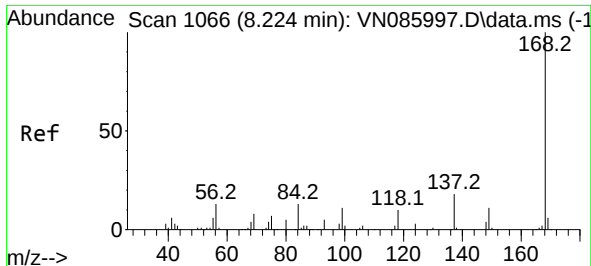
Instrument :
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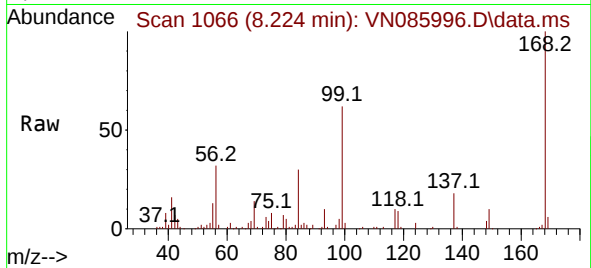
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085996.D
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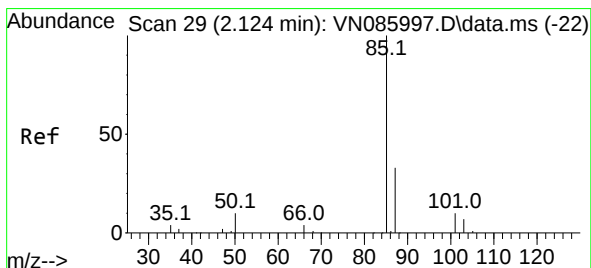
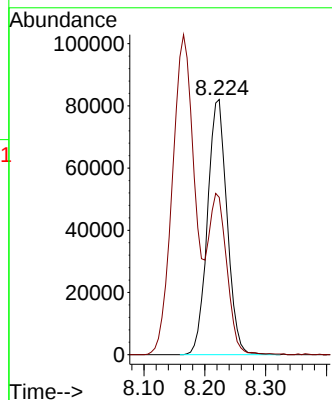
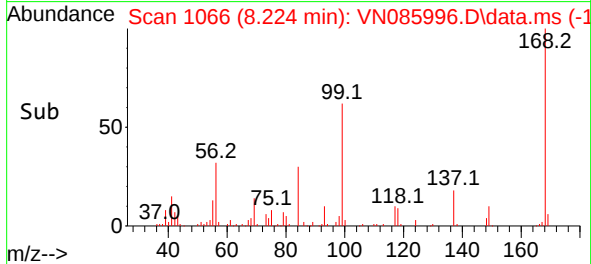
Tgt Ion:168 Resp: 182974
Ion Ratio Lower Upper
168 100
99 61.4 49.4 74.2

Manual Integrations

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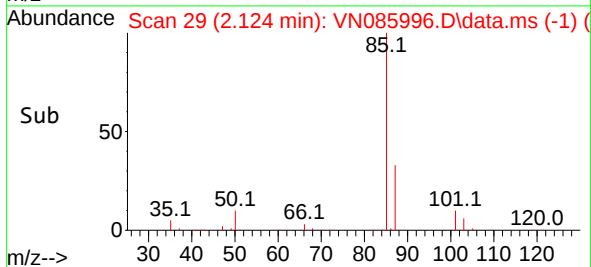
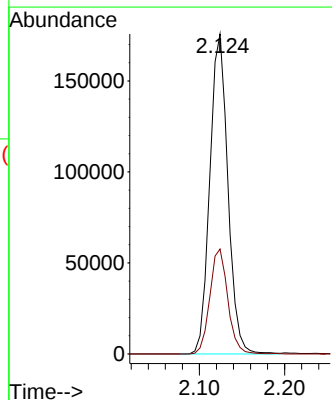
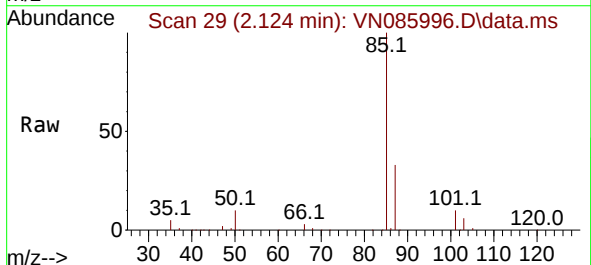
Reviewed By :John Carlone 03/19/2025

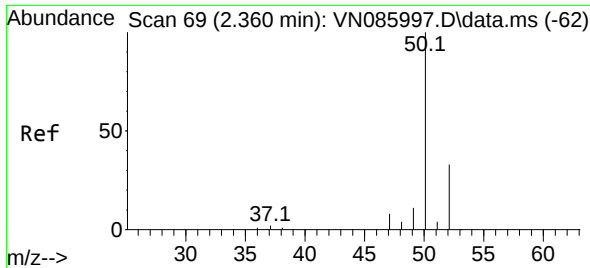
Supervised By :Mahesh Dadoda 03/19/2025



#2
Dichlorodifluoromethane
Concen: 106.744 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion: 85 Resp: 258760
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5





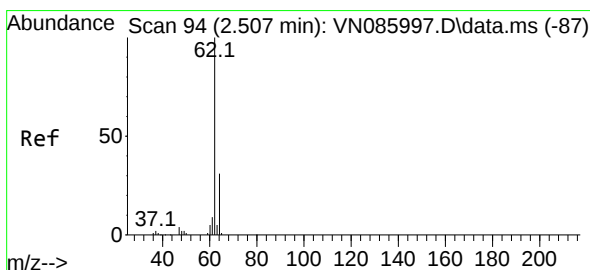
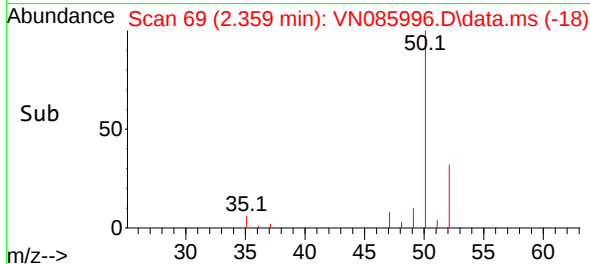
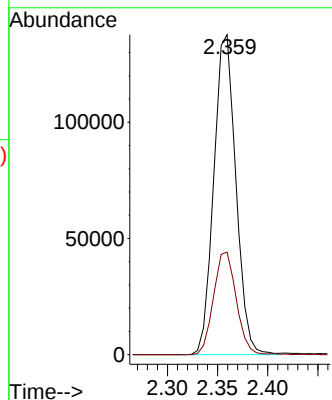
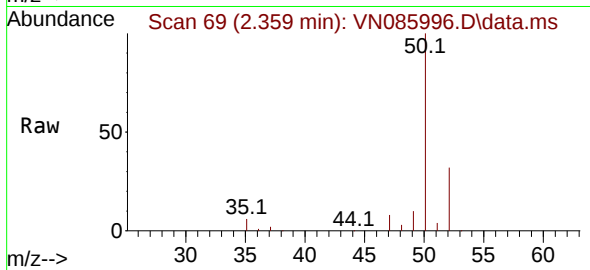
#3
Chloromethane
Concen: 99.080 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 210559
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

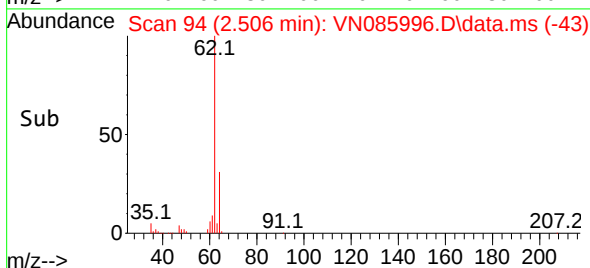
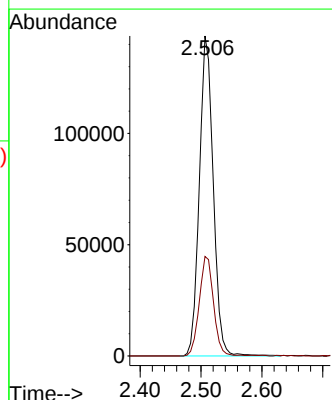
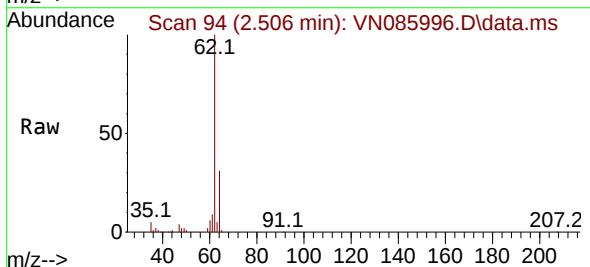
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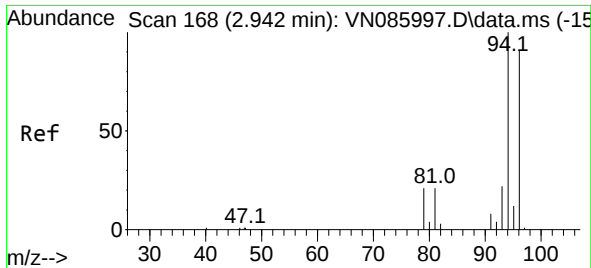
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#4
Vinyl Chloride
Concen: 104.817 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion: 62 Resp: 227757
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





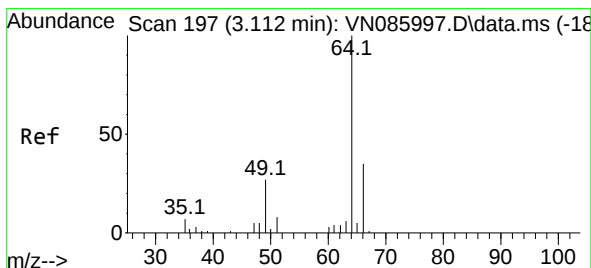
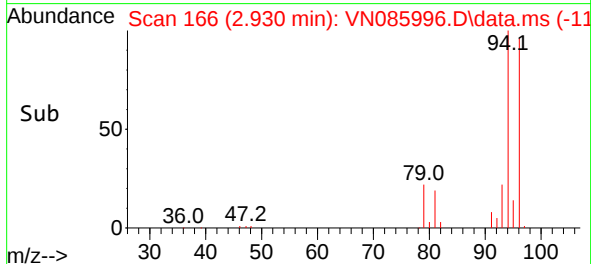
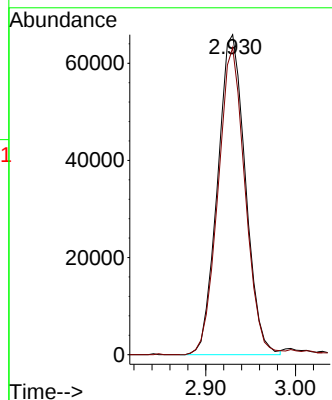
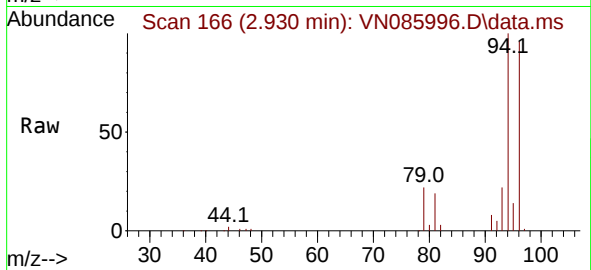
#5
Bromomethane
Concen: 95.836 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085996.D
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Instrument :
MSVOA_N
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VSTDICC100

Tgt Ion: 94 Resp: 14184
Ion Ratio Lower Upper
94 100
96 95.9 72.8 109.2

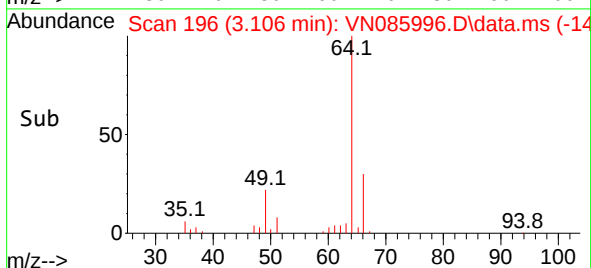
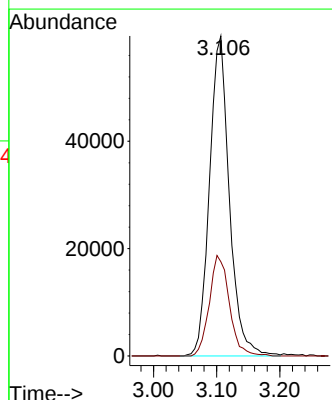
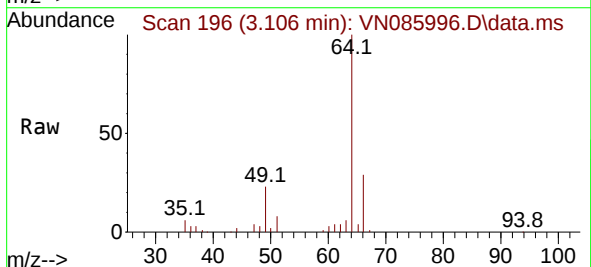
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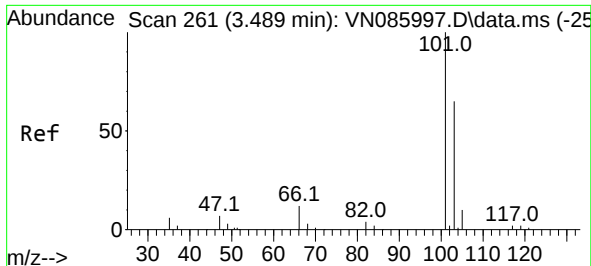
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#6
Chloroethane
Concen: 94.868 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

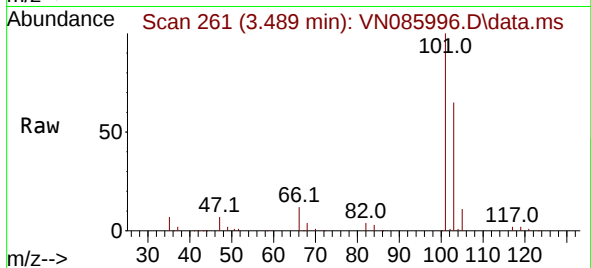
Tgt Ion: 64 Resp: 130043
Ion Ratio Lower Upper
64 100
66 29.5 28.3 42.5





#7
 Trichlorofluoromethane
 Concen: 99.243 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

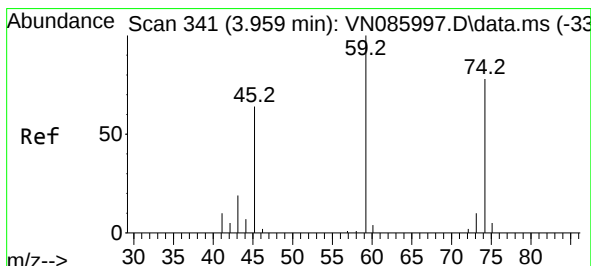
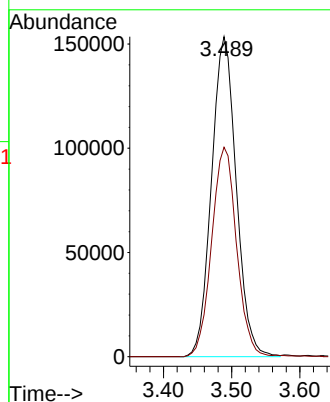
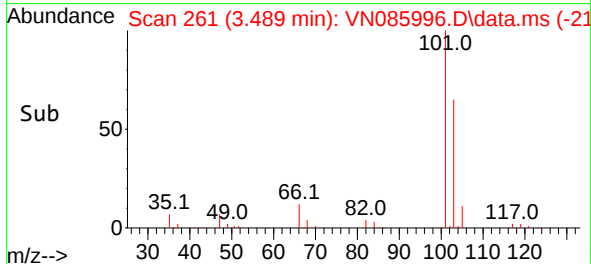
Instrument :
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Tgt Ion:101 Resp: 387652
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.7 77.5

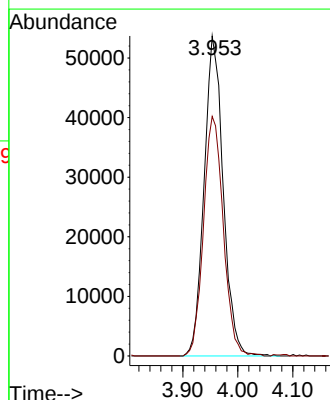
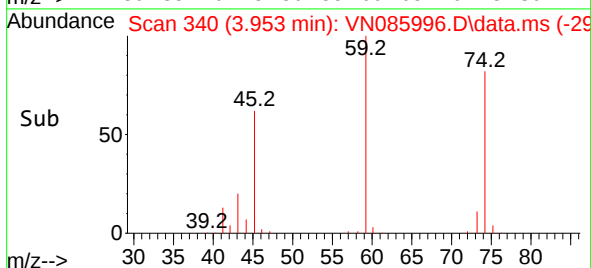
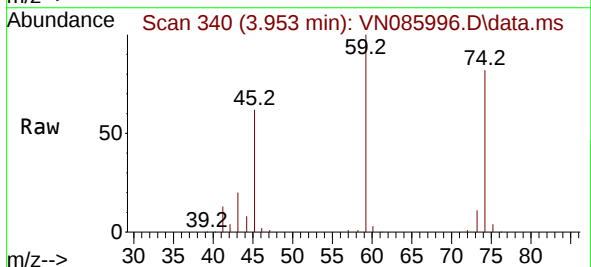
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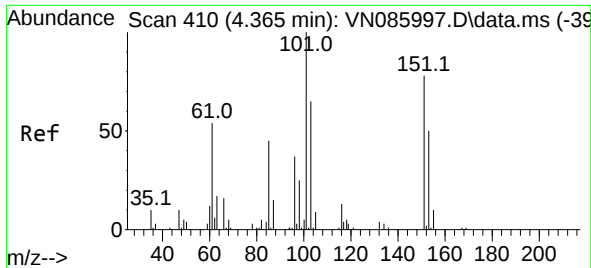
Reviewed By :John Carlone 03/19/2025
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#8
 Diethyl Ether
 Concen: 108.290 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

Tgt Ion: 74 Resp: 129491
 Ion Ratio Lower Upper
 74 100
 45 77.8 38.0 113.9





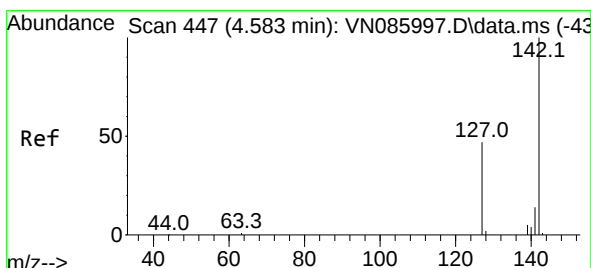
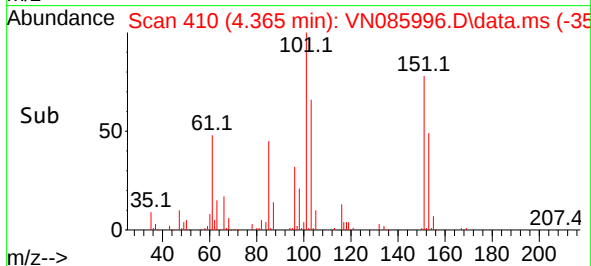
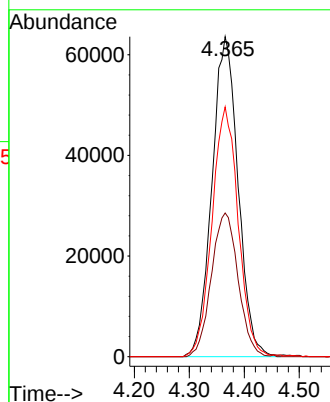
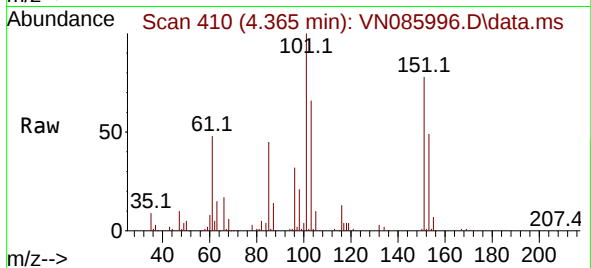
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.130 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 209940
Ion Ratio Lower Upper
101 100
85 46.0 36.5 54.7
151 78.4 63.4 95.0

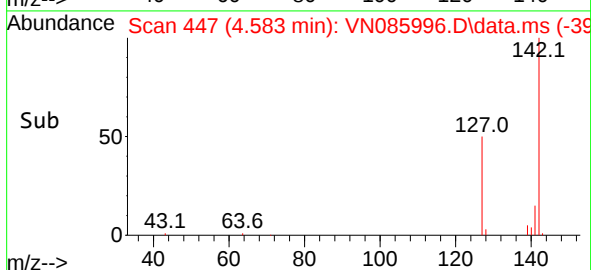
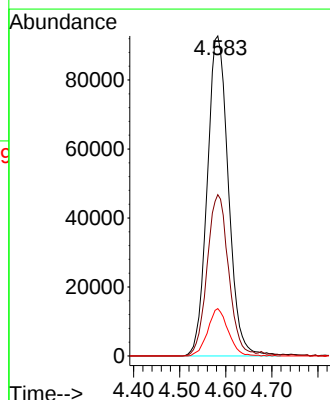
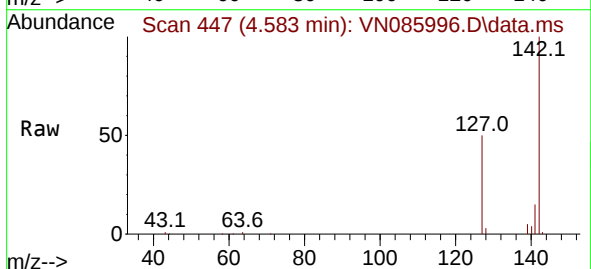
Manual Integrations
APPROVED

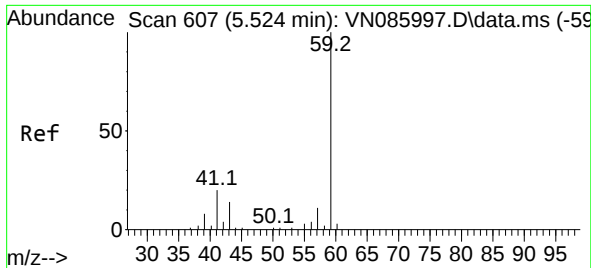
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#10
Methyl Iodide
Concen: 109.651 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

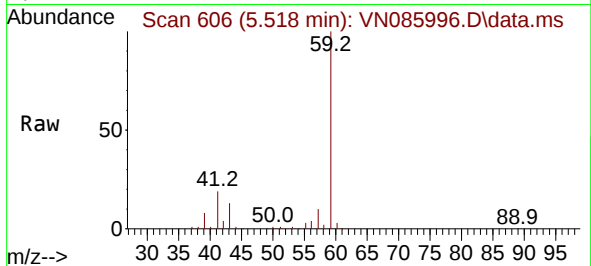
Tgt Ion:142 Resp: 296609
Ion Ratio Lower Upper
142 100
127 50.4 37.5 56.3
141 14.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 486.176 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

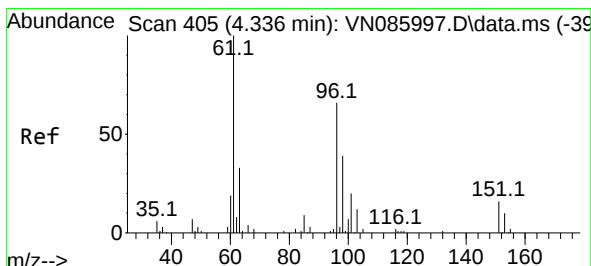
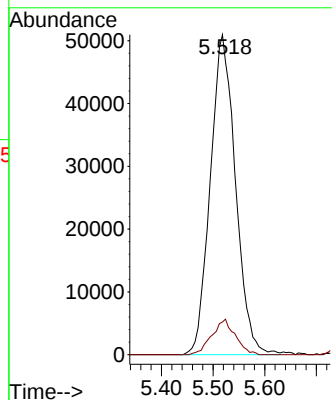
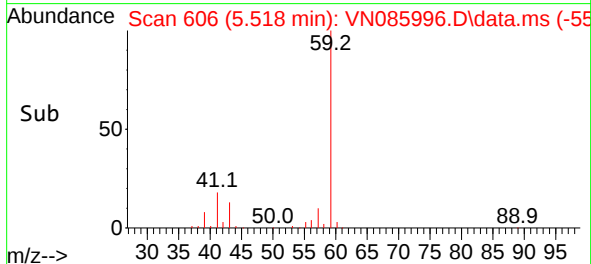
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 172460
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

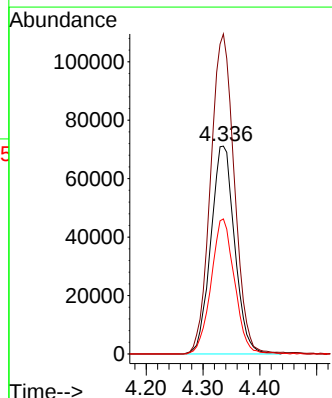
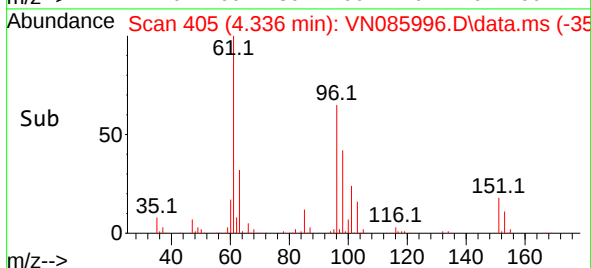
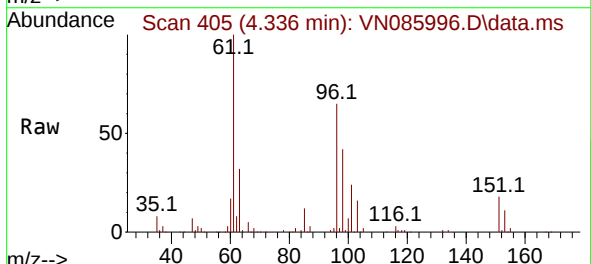
Manual Integrations
APPROVED

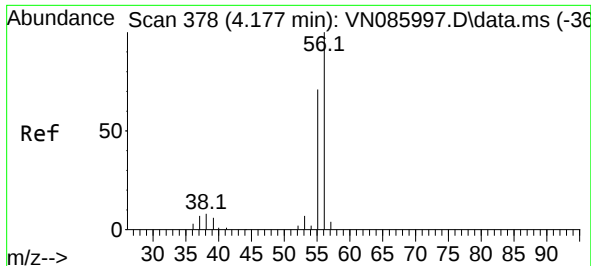
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#12
1,1-Dichloroethene
Concen: 110.639 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

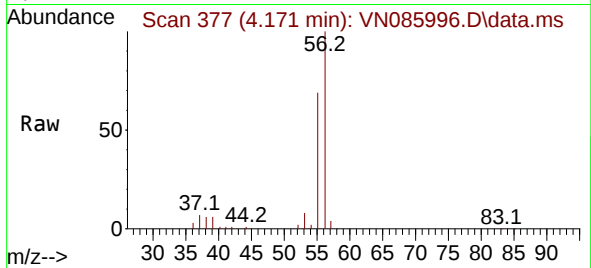
Tgt Ion: 96 Resp: 207400
Ion Ratio Lower Upper
96 100
61 153.9 120.5 180.7
98 65.0 47.4 71.0





#13
Acrolein
Concen: 476.573 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

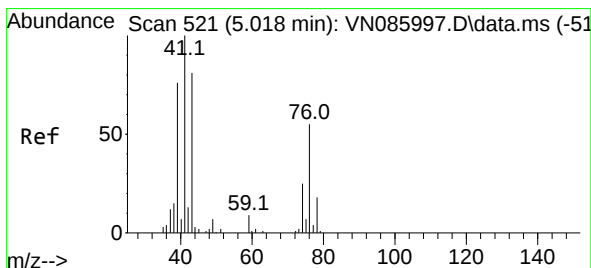
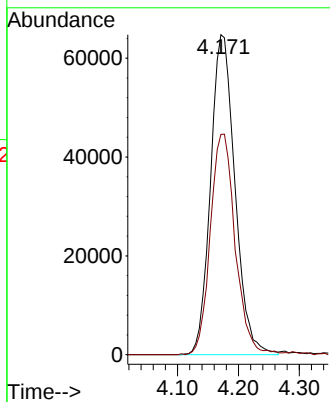
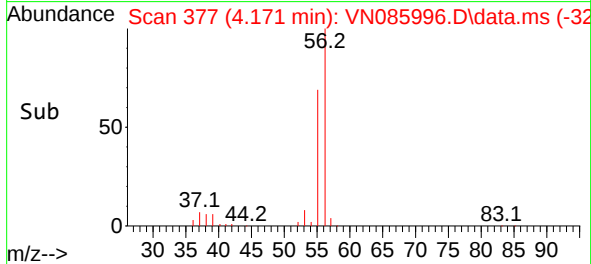
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 18031
Ion Ratio Lower Upper
56 100
55 70.2 55.1 82.7

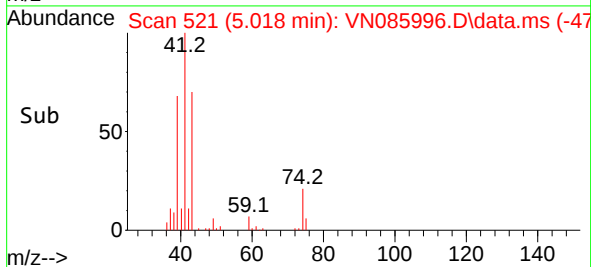
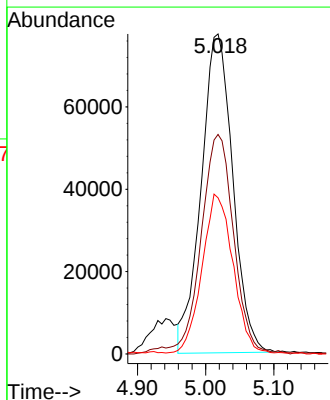
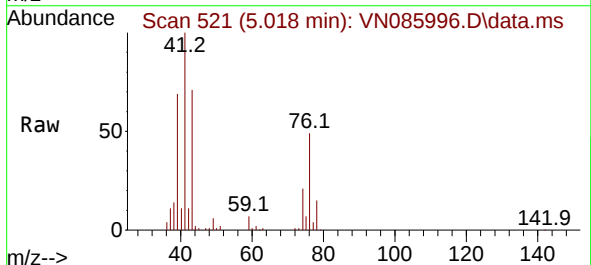
Manual Integrations
APPROVED

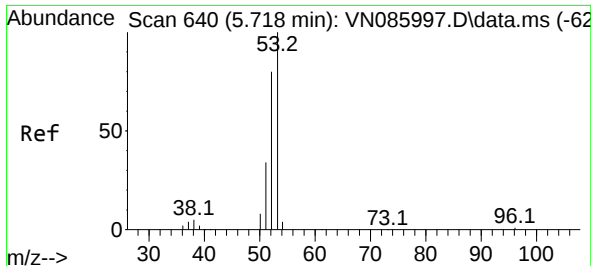
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#14
Allyl chloride
Concen: 106.826 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

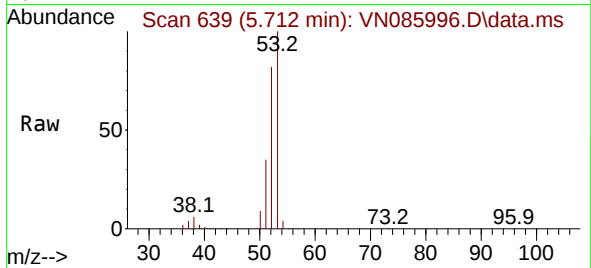
Tgt Ion: 41 Resp: 249826
Ion Ratio Lower Upper
41 100
39 71.6 55.5 83.3
76 48.6 39.1 58.7





#15
Acrylonitrile
Concen: 519.314 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

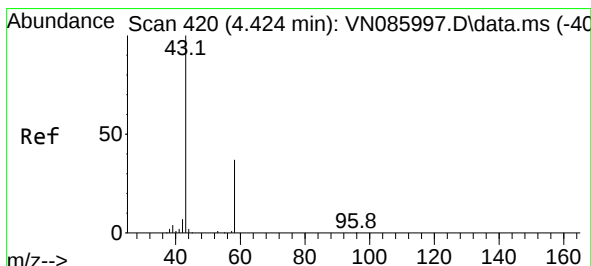
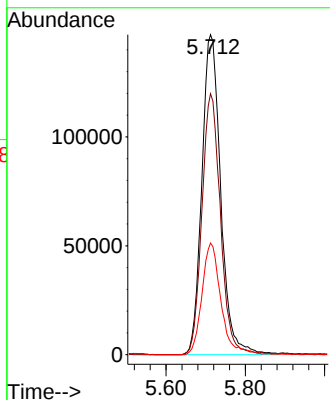
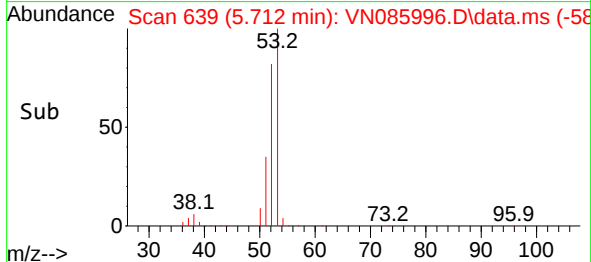
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 48652
Ion Ratio Lower Upper
53 100
52 80.2 63.9 95.9
51 35.2 27.1 40.7

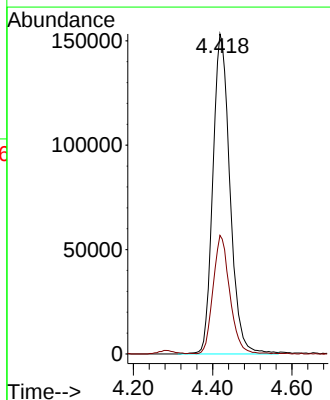
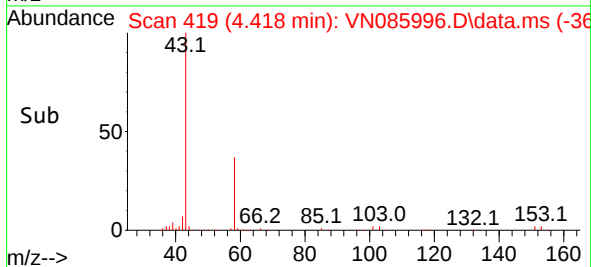
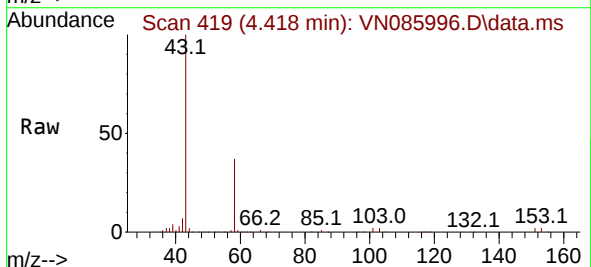
Manual Integrations
APPROVED

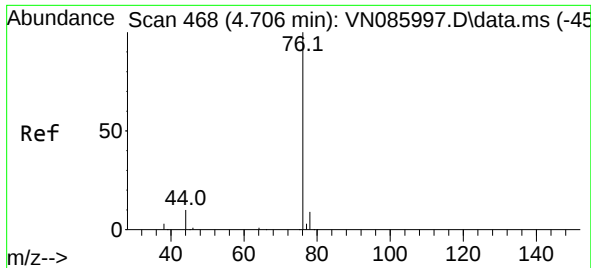
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#16
Acetone
Concen: 600.330 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion: 43 Resp: 459532
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.2





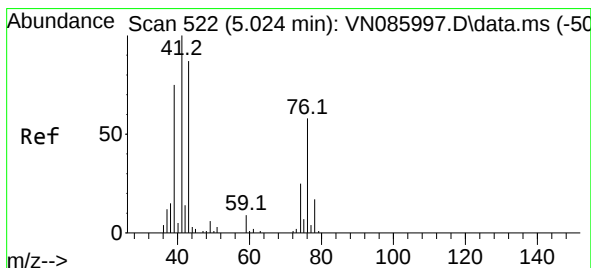
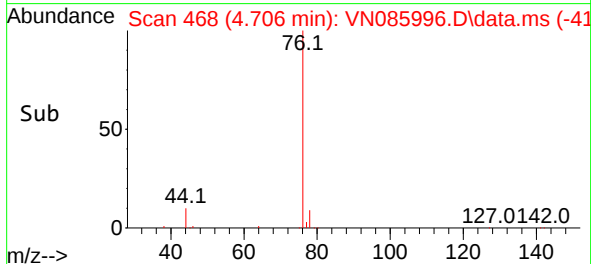
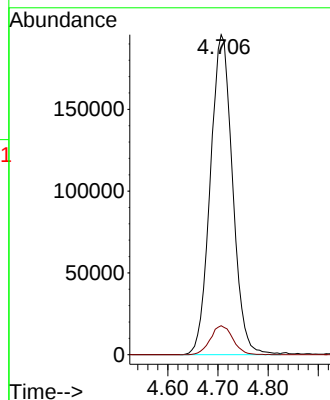
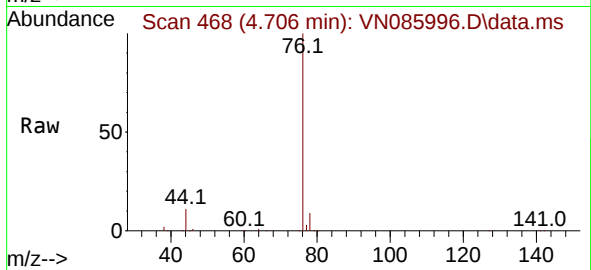
#17
Carbon Disulfide
Concen: 97.911 ug/l
RT: 4.706 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 603612
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

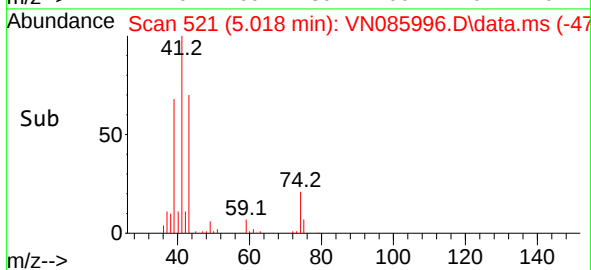
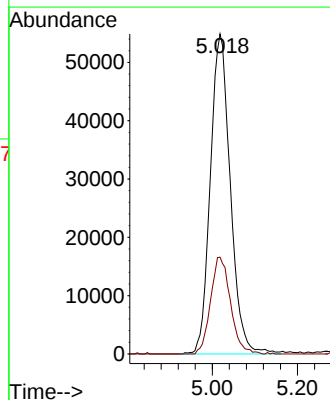
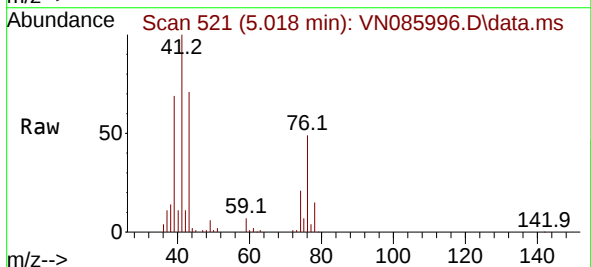
Manual Integrations
APPROVED

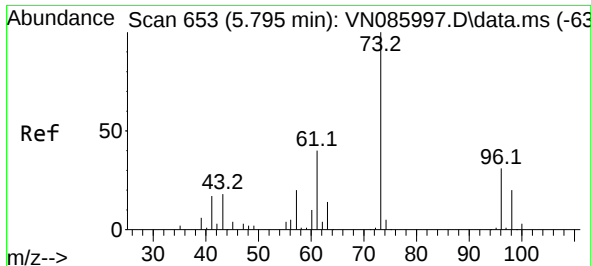
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#18
Methyl Acetate
Concen: 94.384 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

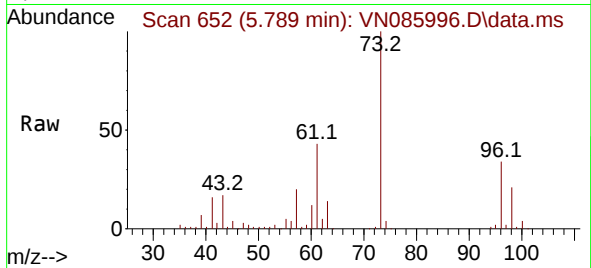
Tgt Ion: 43 Resp: 178753
Ion Ratio Lower Upper
43 100
74 30.1 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 112.481 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

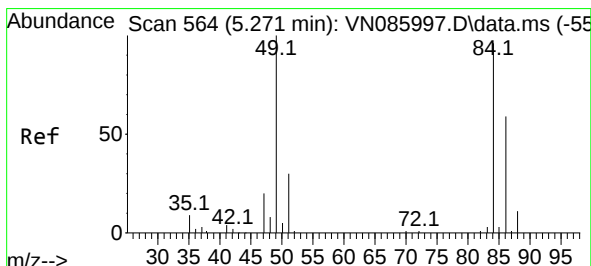
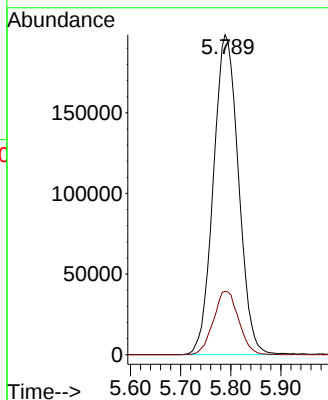
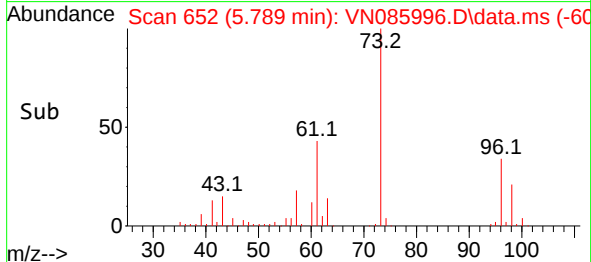
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 690939
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1

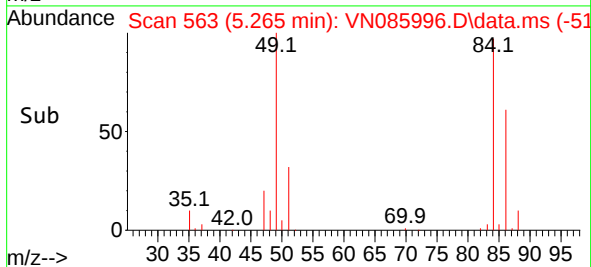
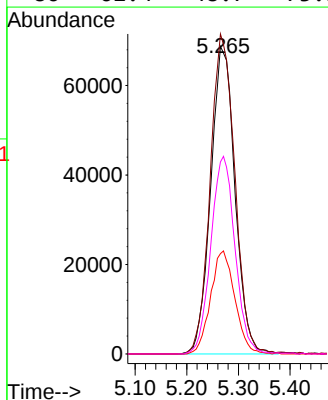
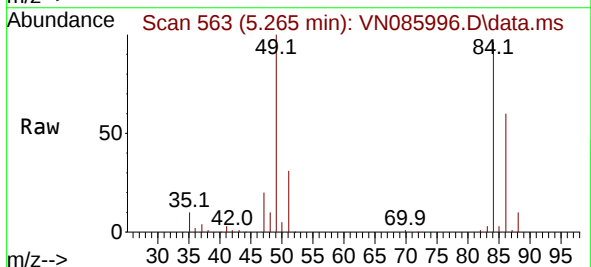
Manual Integrations
APPROVED

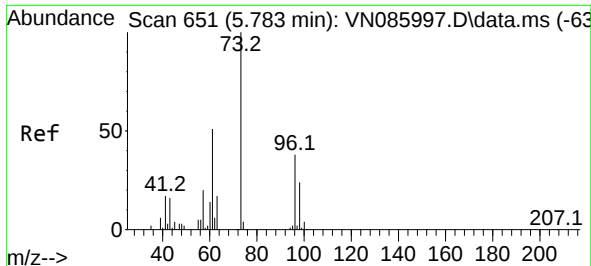
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#20
Methylene Chloride
Concen: 100.177 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

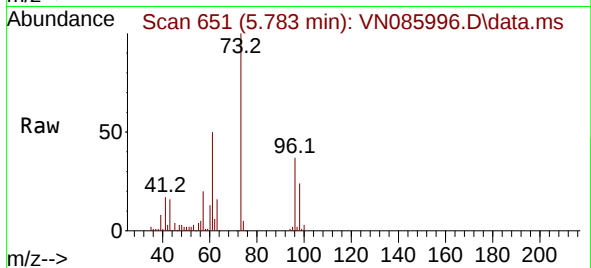
Tgt Ion: 84 Resp: 224327
Ion Ratio Lower Upper
84 100
49 104.1 83.3 124.9
51 32.6 24.8 37.2
86 62.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 107.710 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

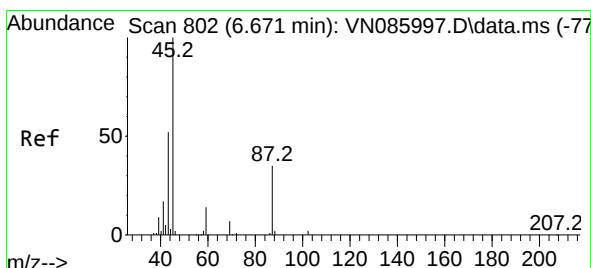
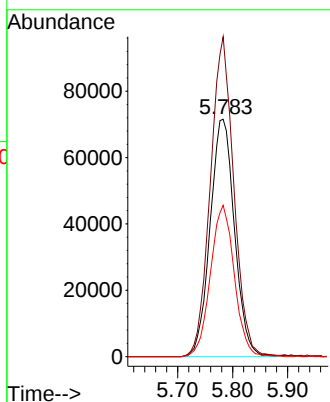
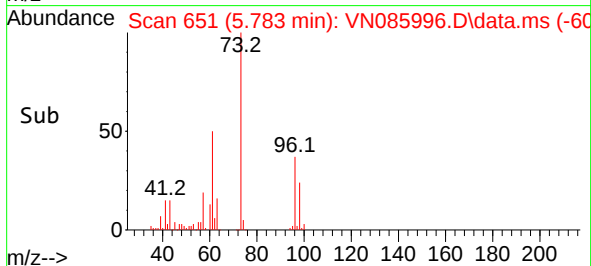
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 22065
Ion Ratio Lower Upper
96 100
61 134.8 106.6 160.0
98 63.8 50.0 75.0

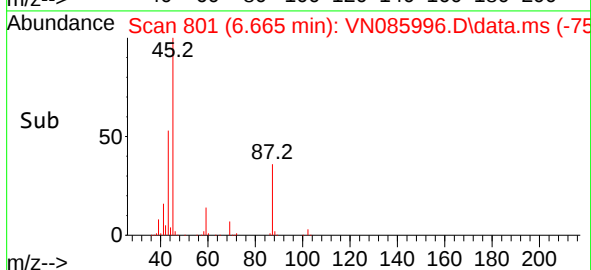
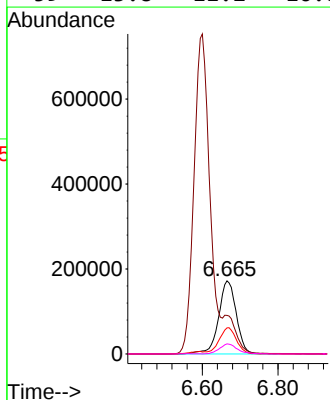
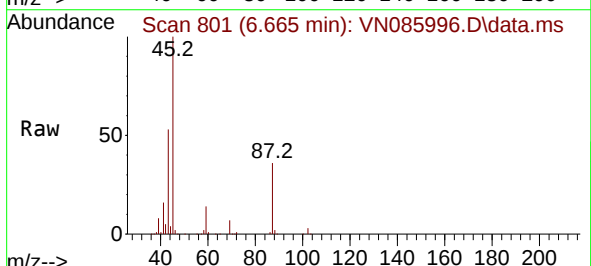
Manual Integrations
APPROVED

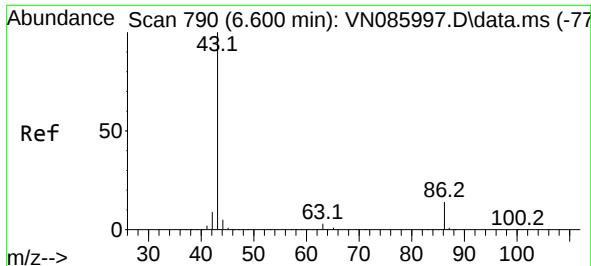
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#22
Diisopropyl ether
Concen: 112.225 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion: 45 Resp: 559282
Ion Ratio Lower Upper
45 100
43 52.2 41.2 61.8
87 35.5 28.5 42.7
59 13.8 11.2 16.8





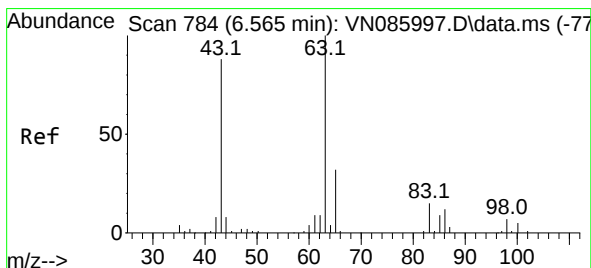
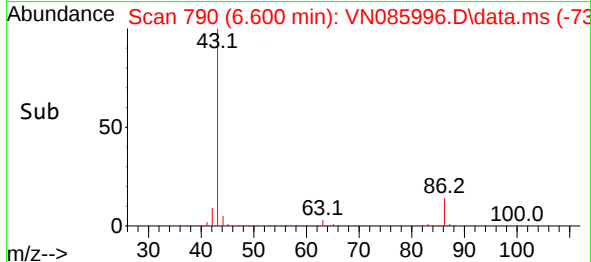
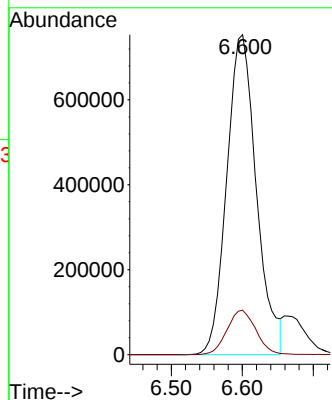
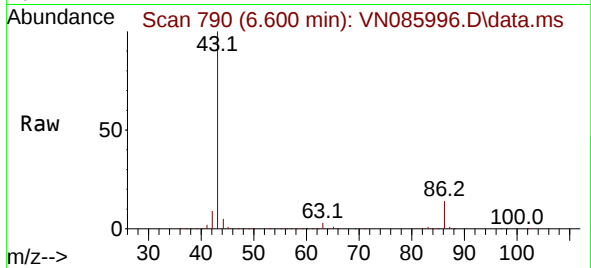
#23
 Vinyl Acetate
 Concen: 579.034 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 218766
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8

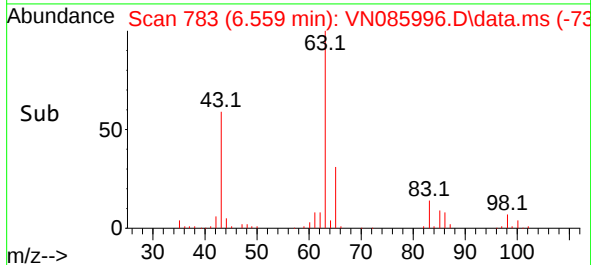
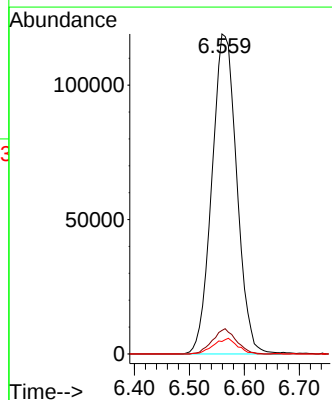
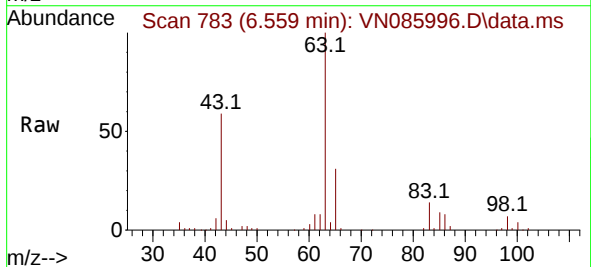
Manual Integrations
 APPROVED

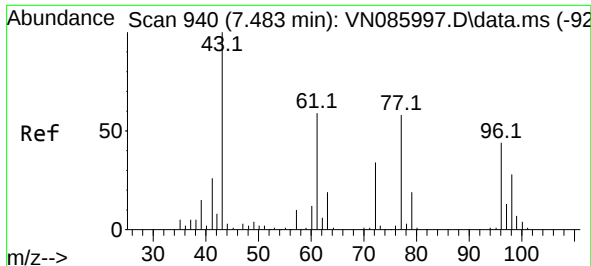
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#24
 1,1-Dichloroethane
 Concen: 102.121 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

Tgt Ion: 63 Resp: 374239
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.9 2.5 7.5





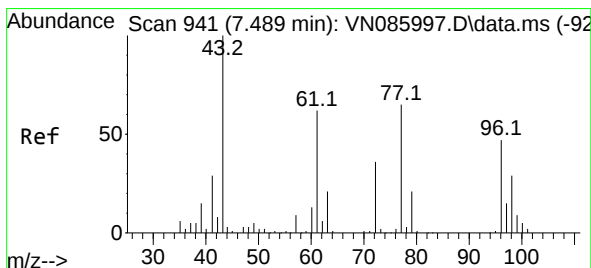
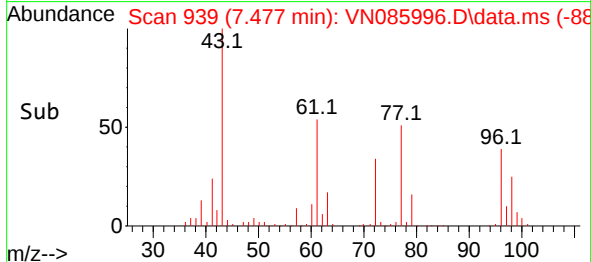
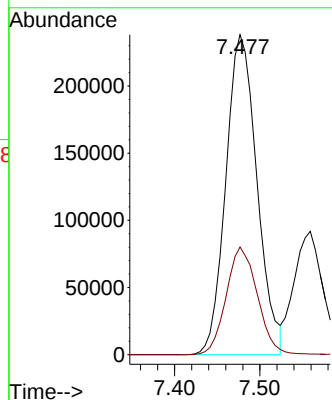
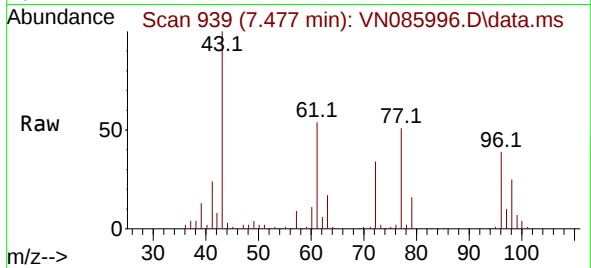
#25
2-Butanone
Concen: 548.306 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 60561
Ion Ratio Lower Upper
43 100
72 33.7 27.4 41.0

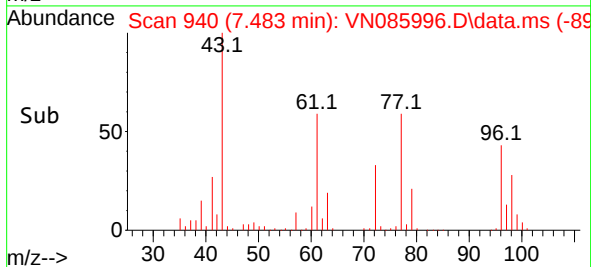
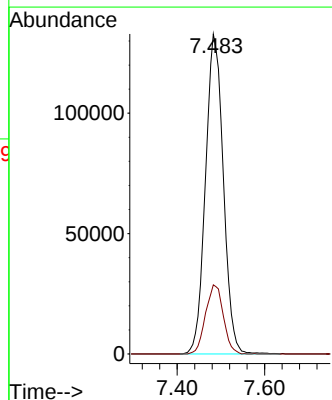
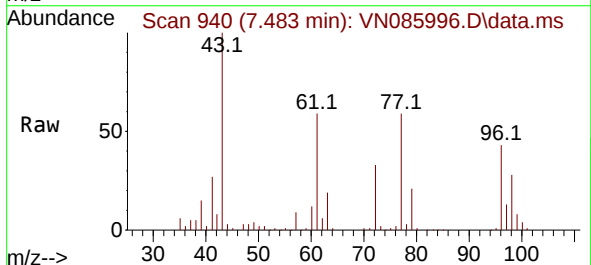
Manual Integrations
APPROVED

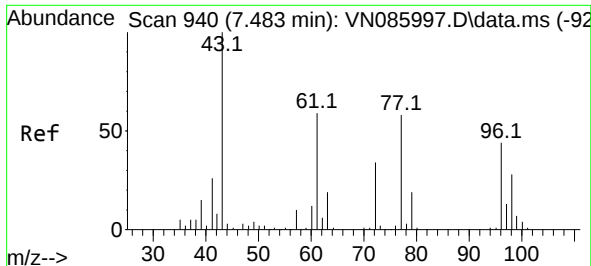
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#26
2,2-Dichloropropane
Concen: 107.034 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

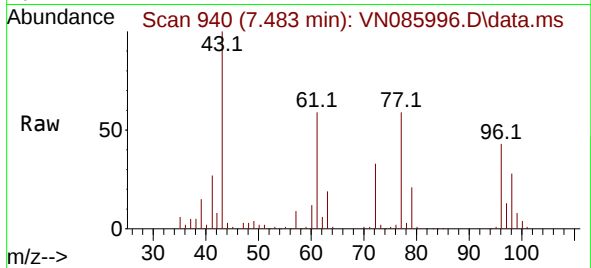
Tgt Ion: 77 Resp: 377635
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 108.218 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

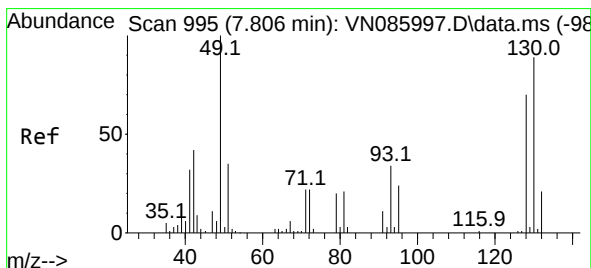
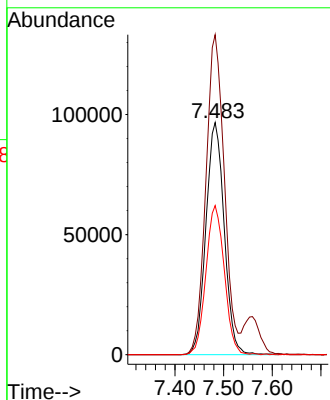
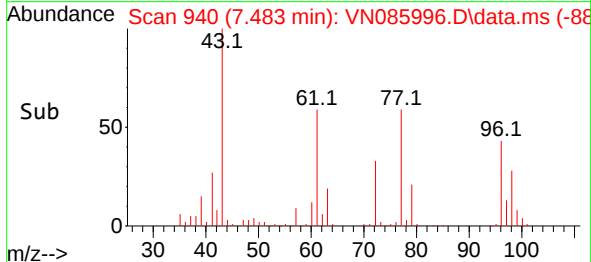
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 251929
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 272.8
 98 64.6 0.0 124.8

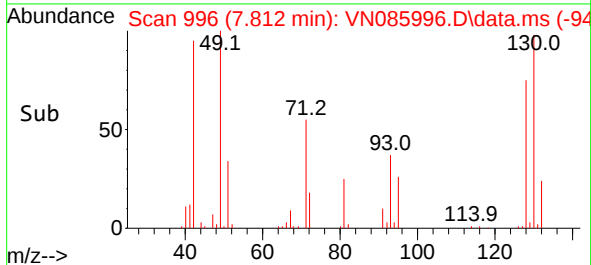
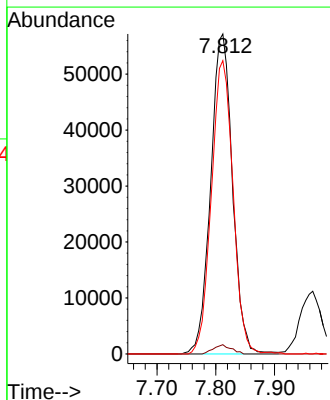
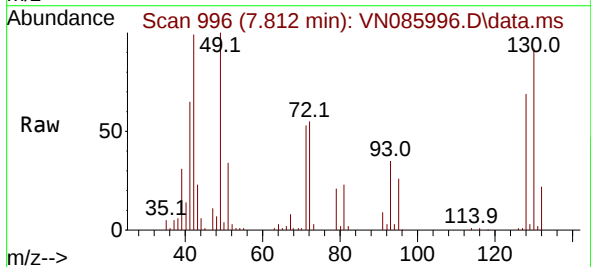
Manual Integrations
 APPROVED

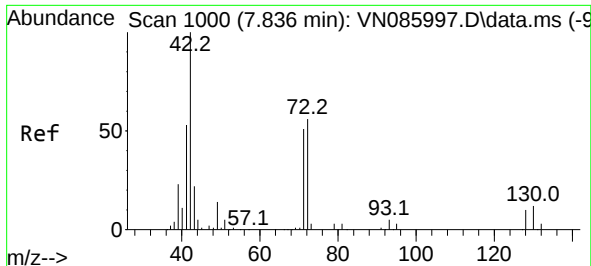
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#28
 Bromochloromethane
 Concen: 94.874 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

Tgt Ion: 49 Resp: 147305
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 90.9 74.2 111.4





#29

Tetrahydrofuran

Concen: 546.087 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 372372

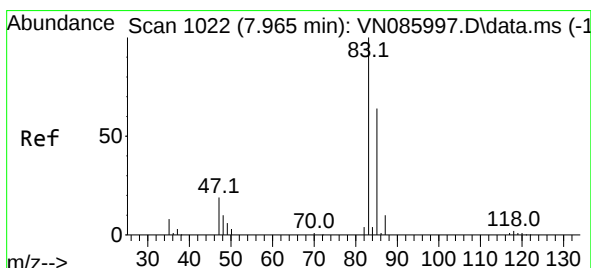
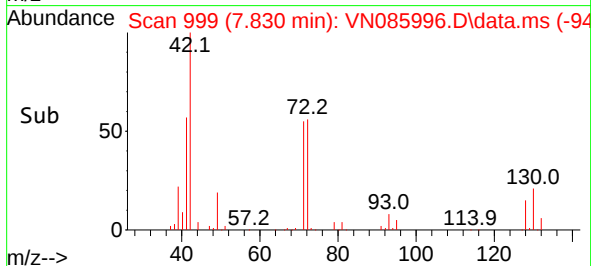
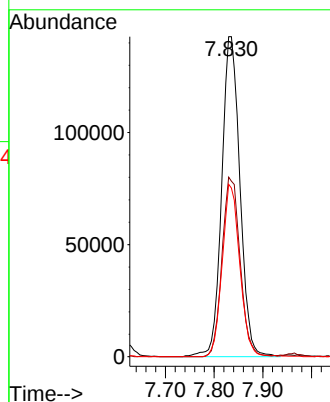
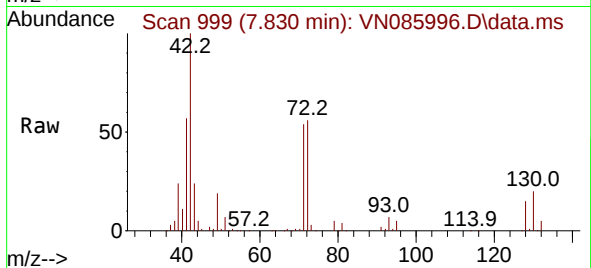
Ion	Ratio	Lower	Upper
42	100		
72	55.6	45.0	67.4
71	51.7	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#30

Chloroform

Concen: 101.106 ug/l

RT: 7.965 min Scan# 1022

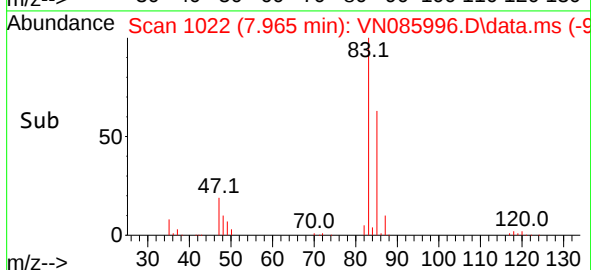
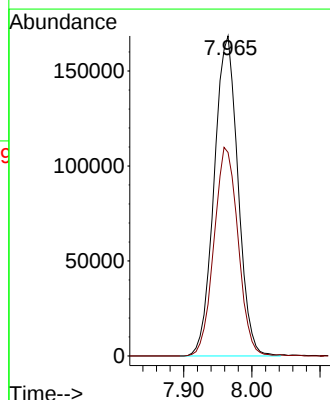
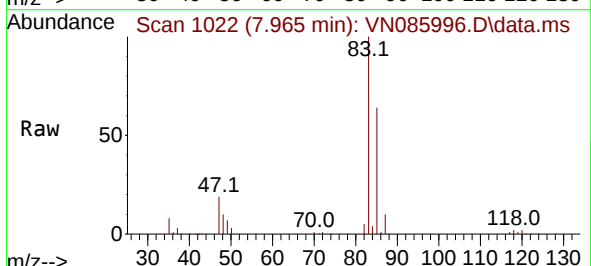
Delta R.T. -0.000 min

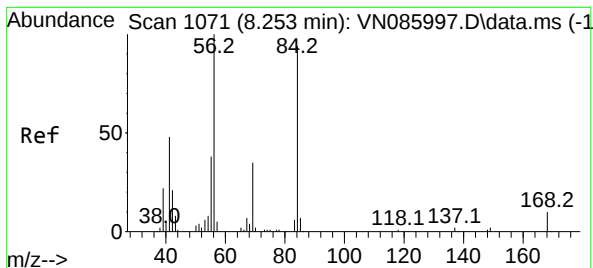
Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

Tgt Ion: 83 Resp: 409546

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.5	77.3





#31

Cyclohexane

Concen: 104.345 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 32575

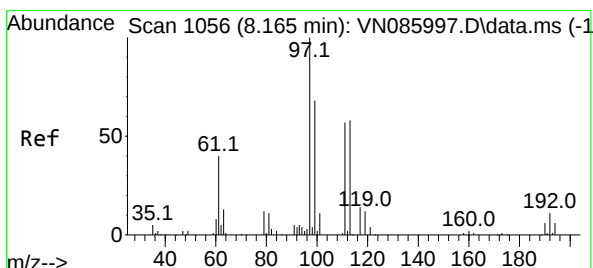
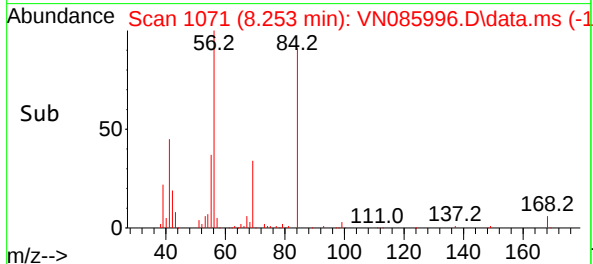
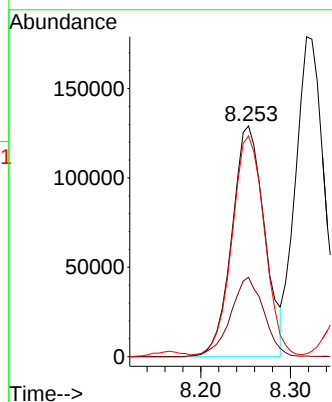
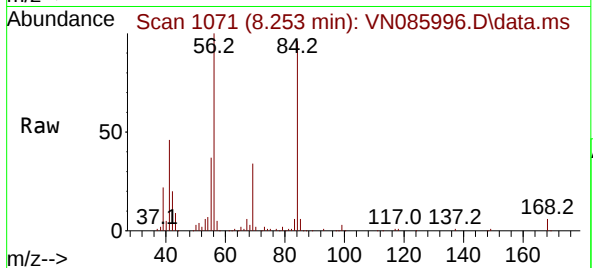
Ion	Ratio	Lower	Upper
56	100		
69	34.4	28.0	42.0
84	94.2	75.0	112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#32

1,1,1-Trichloroethane

Concen: 104.344 ug/l

RT: 8.165 min Scan# 1056

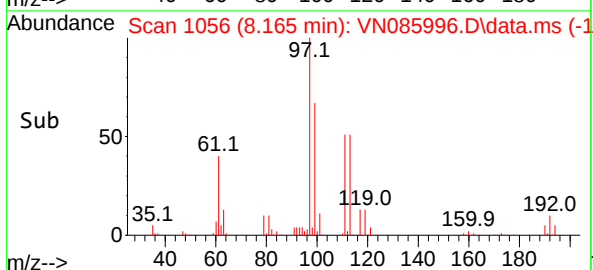
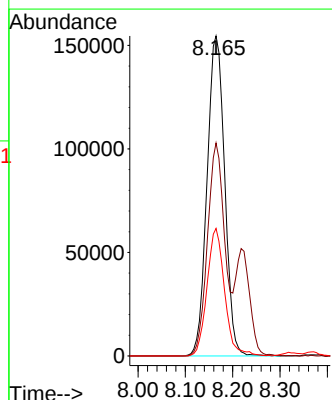
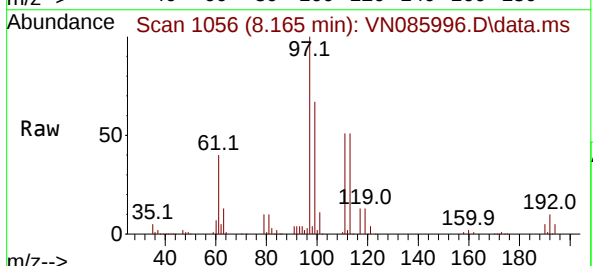
Delta R.T. -0.000 min

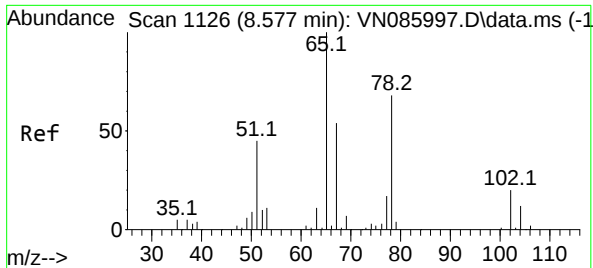
Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

Tgt Ion: 97 Resp: 400089

Ion	Ratio	Lower	Upper
97	100		
99	66.2	52.8	79.2
61	39.7	33.6	50.4





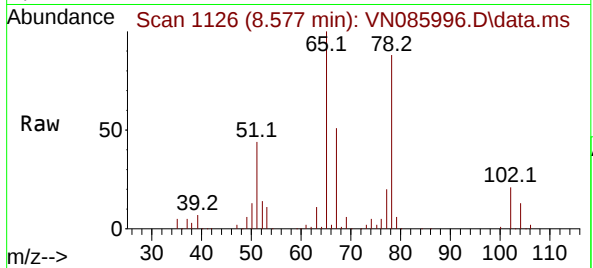
#33
1,2-Dichloroethane-d4
Concen: 92.312 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



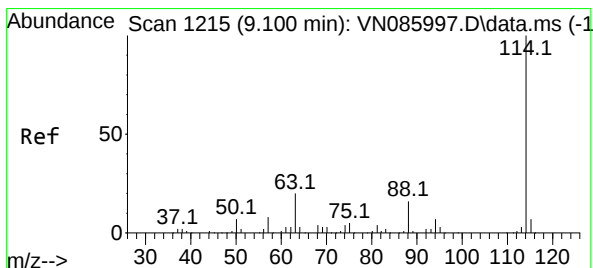
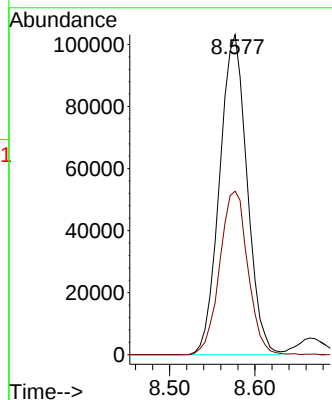
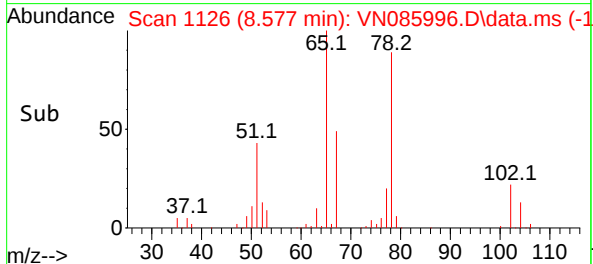
Tgt Ion: 65 Resp: 23129
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2

Manual Integrations

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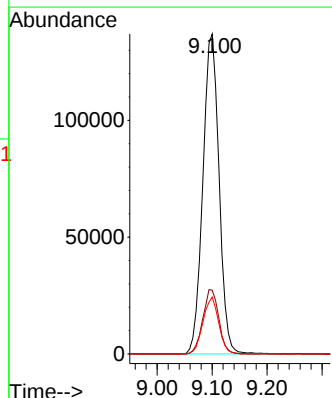
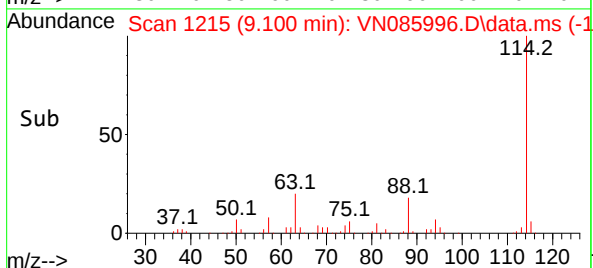
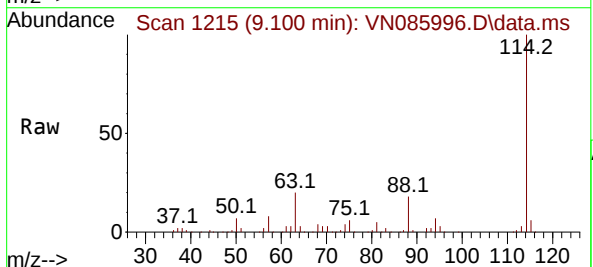
Reviewed By :John Carlone 03/19/2025

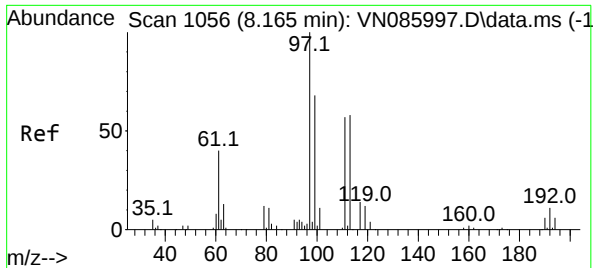
Supervised By :Mahesh Dadoda 03/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

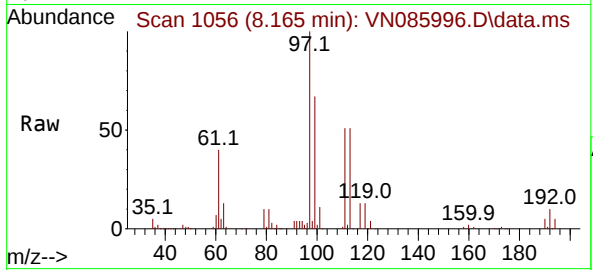
Tgt Ion:114 Resp: 280238
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 17.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 95.442 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

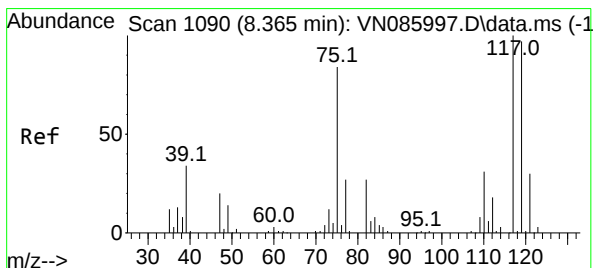
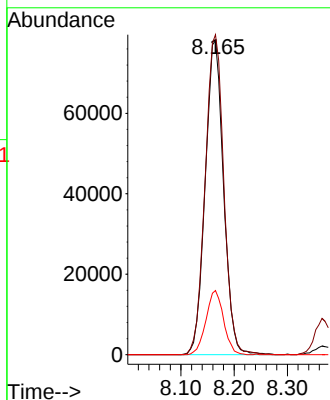
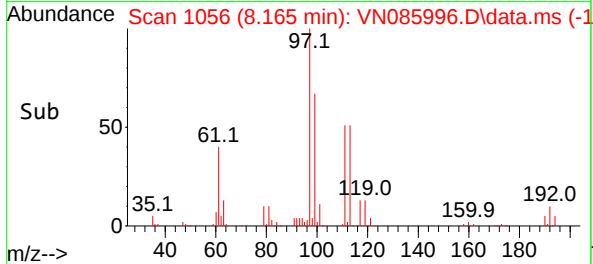
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



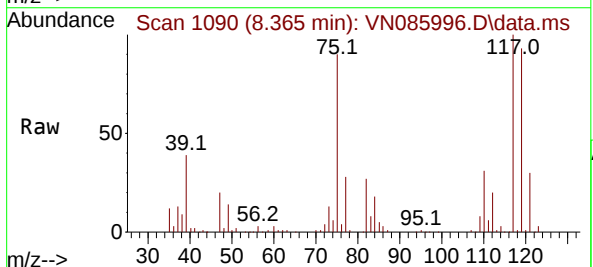
Tgt Ion: 113 Resp: 186688
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 19.7 15.9 23.9

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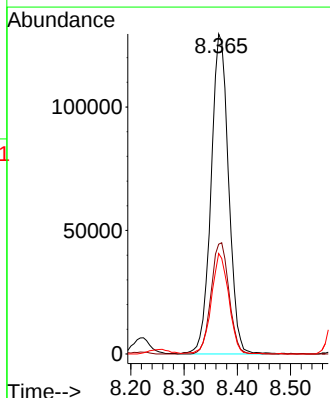
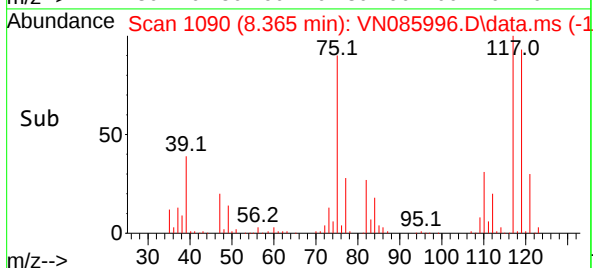
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

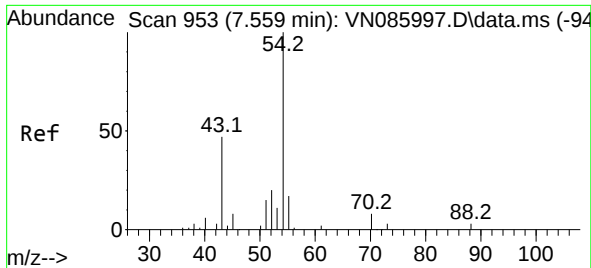


#36
1,1-Dichloropropene
Concen: 114.993 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion: 75 Resp: 296177
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.3
77 30.9 25.0 37.4





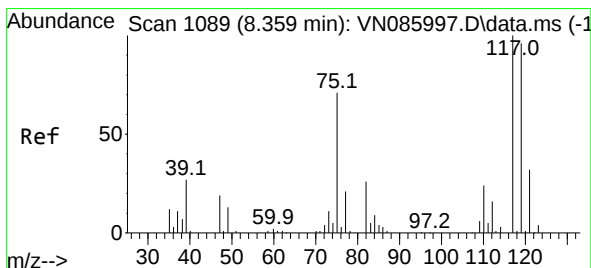
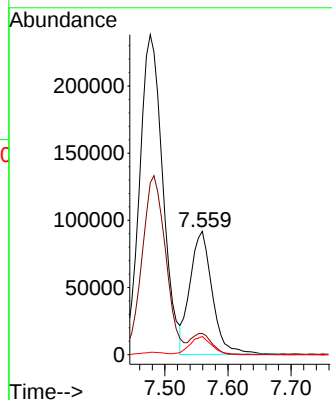
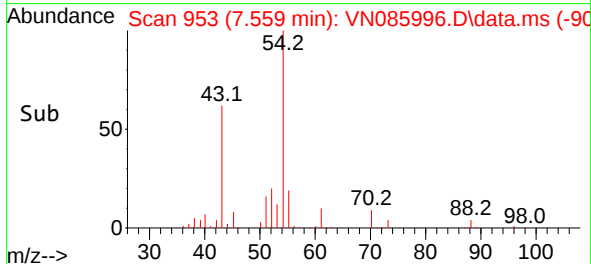
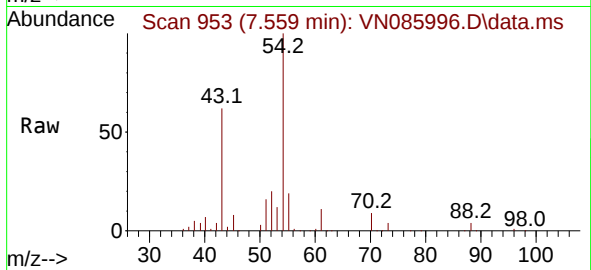
#37
Ethyl Acetate
Concen: 103.099 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 22402
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 14.5 11.0 16.6

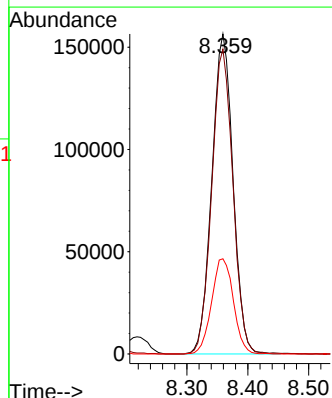
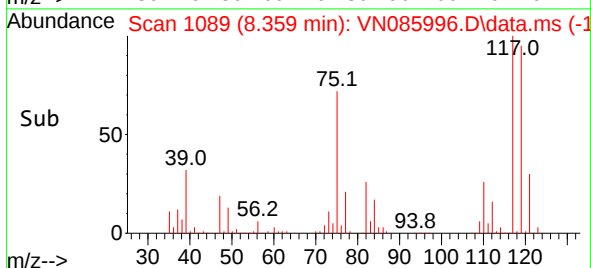
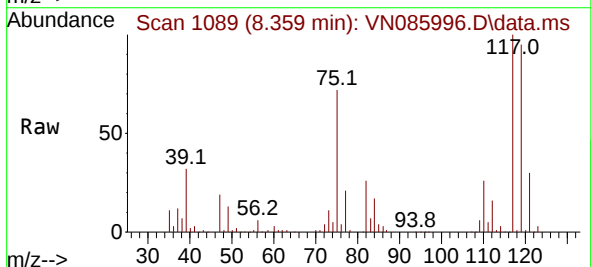
Manual Integrations
APPROVED

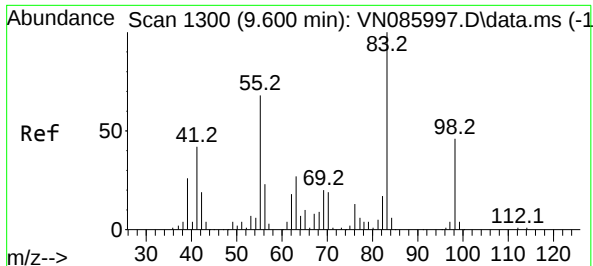
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#38
Carbon Tetrachloride
Concen: 111.395 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

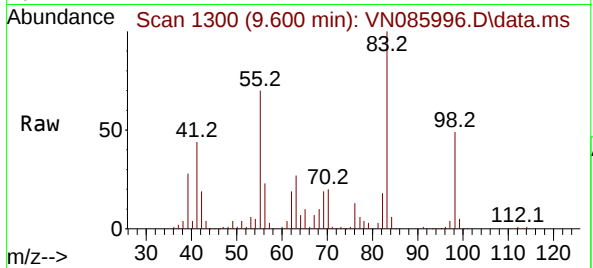
Tgt Ion:117 Resp: 377239
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4
121 29.8 25.6 38.4





#39
Methylcyclohexane
Concen: 126.957 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

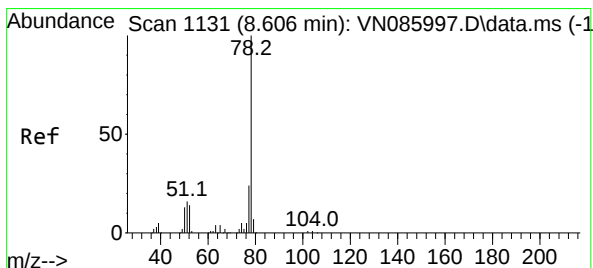
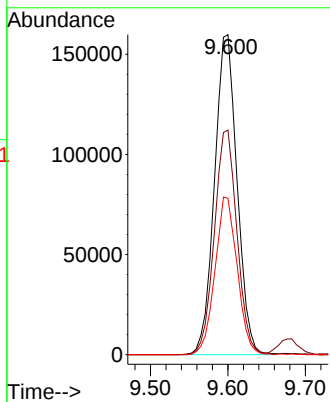
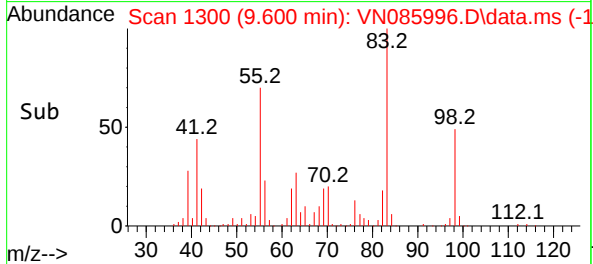
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 324420
Ion Ratio Lower Upper
83 100
55 70.2 54.2 81.2
98 48.9 37.1 55.7

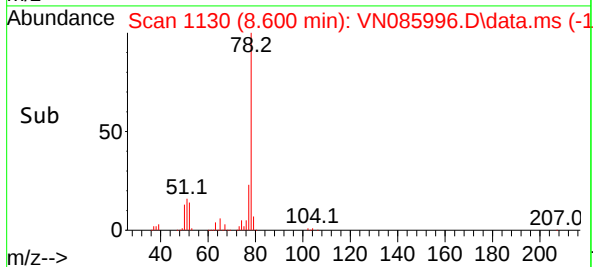
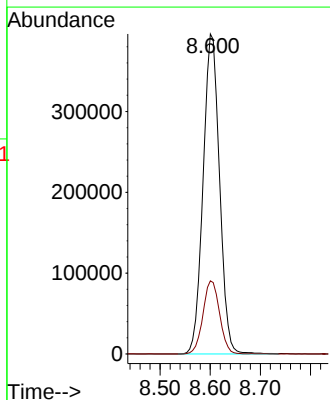
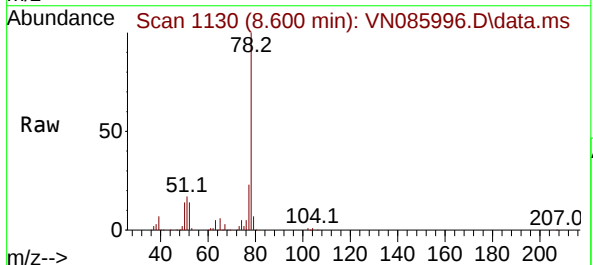
Manual Integrations
APPROVED

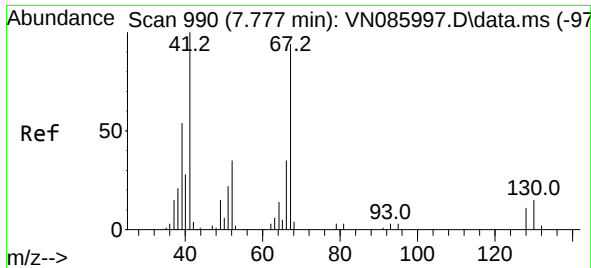
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#40
Benzene
Concen: 111.613 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

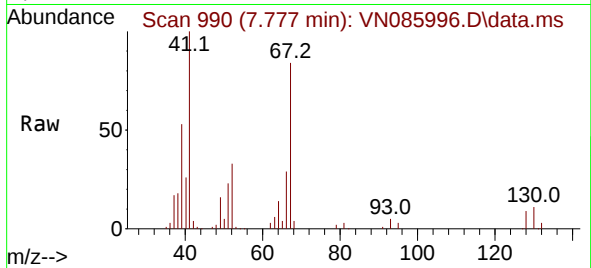
Tgt Ion: 78 Resp: 902443
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3





#41
Methacrylonitrile
Concen: 118.971 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

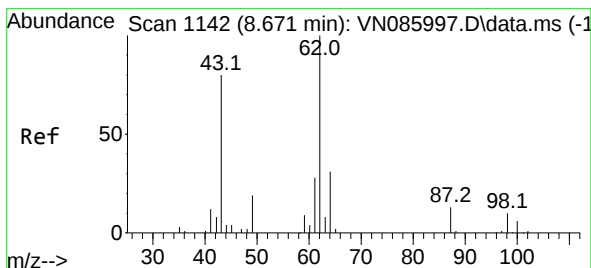
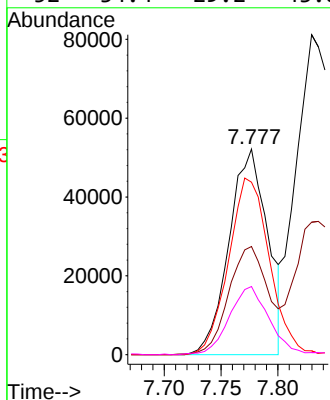
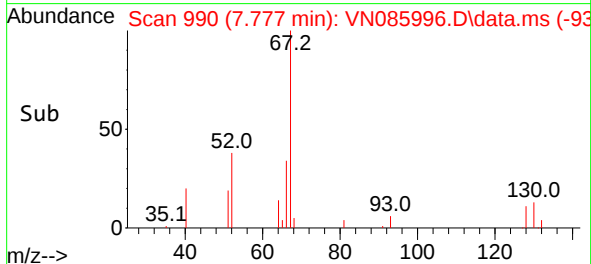
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 123440
Ion Ratio Lower Upper
41 100
39 53.6 46.2 69.2
67 90.8 75.9 113.9
52 34.4 29.2 43.8

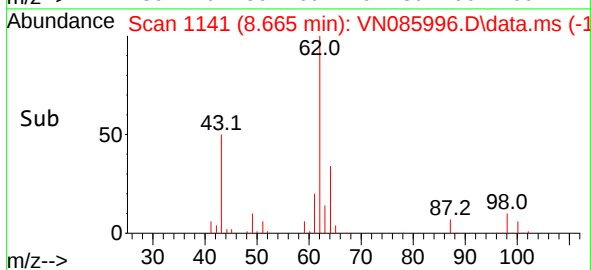
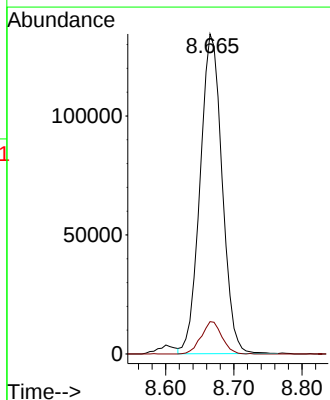
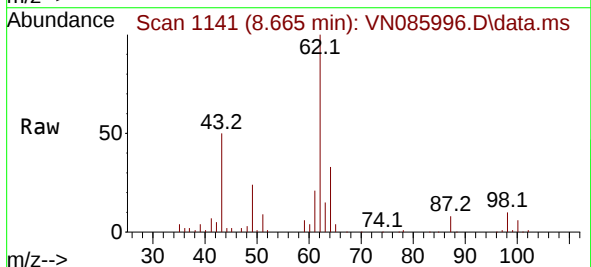
Manual Integrations
APPROVED

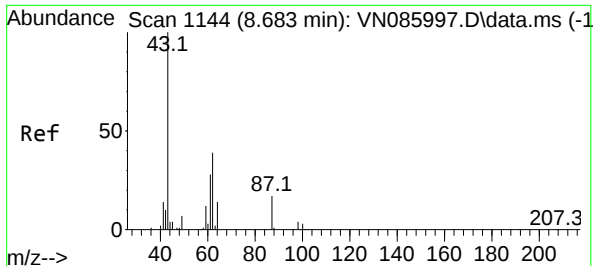
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#42
1,2-Dichloroethane
Concen: 107.080 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

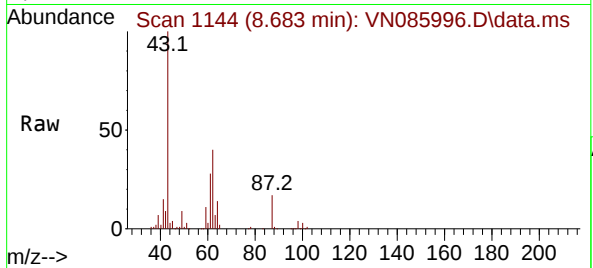
Tgt Ion: 62 Resp: 301678
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43
Isopropyl Acetate
Concen: 84.427 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

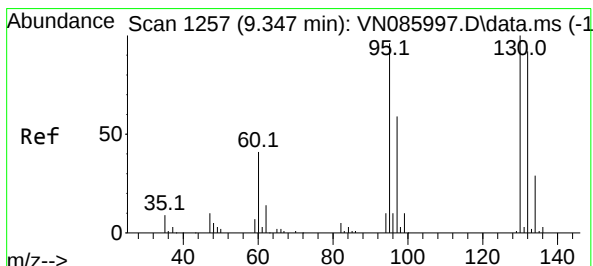
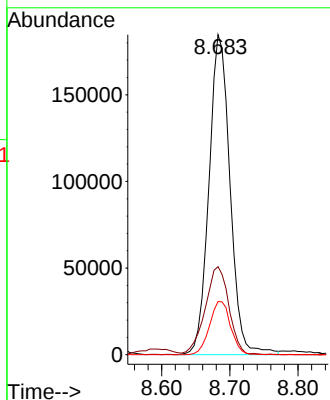
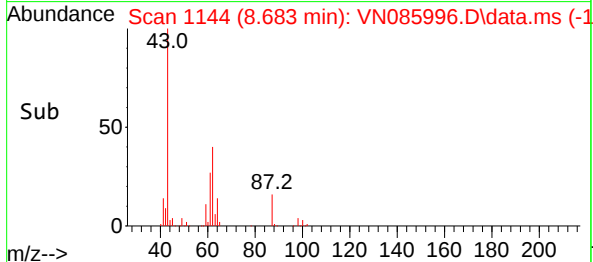
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 39836
Ion Ratio Lower Upper
43 100
61 30.6 25.0 37.6
87 16.6 13.0 19.4

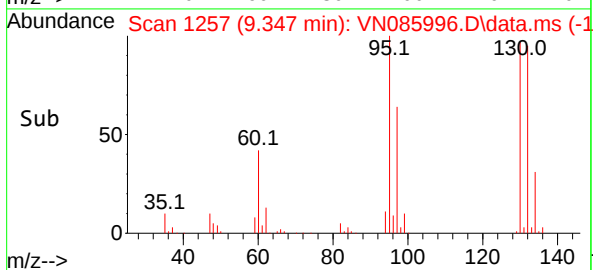
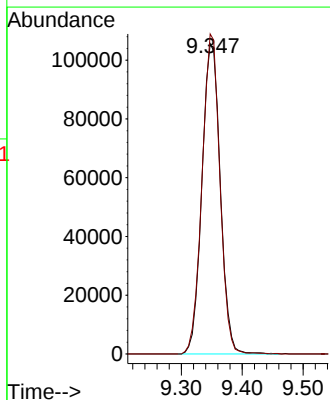
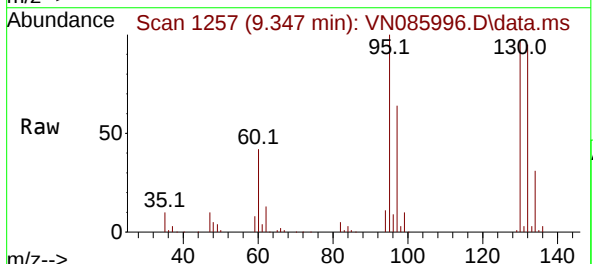
Manual Integrations
APPROVED

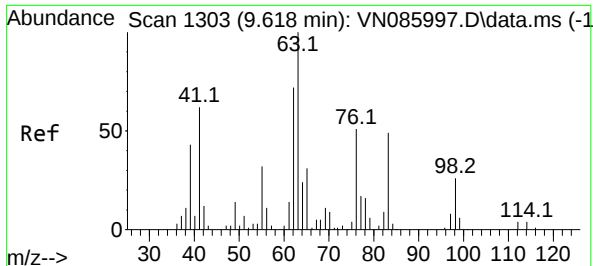
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#44
Trichloroethene
Concen: 105.460 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

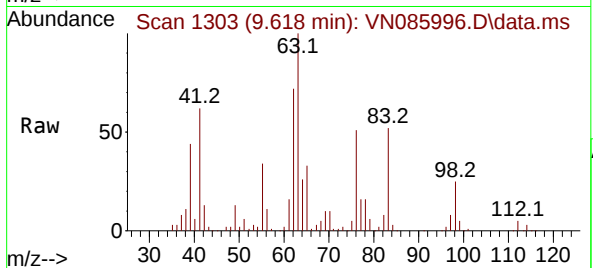
Tgt Ion:130 Resp: 220997
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.6





#45
1,2-Dichloropropane
Concen: 111.644 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

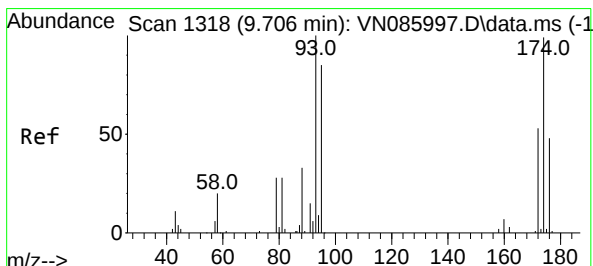
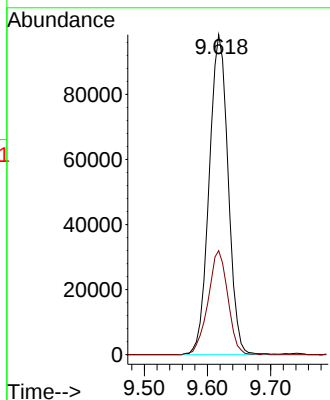
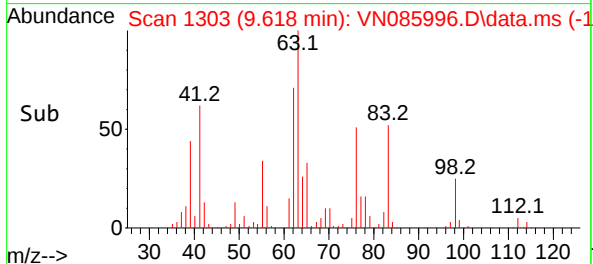
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



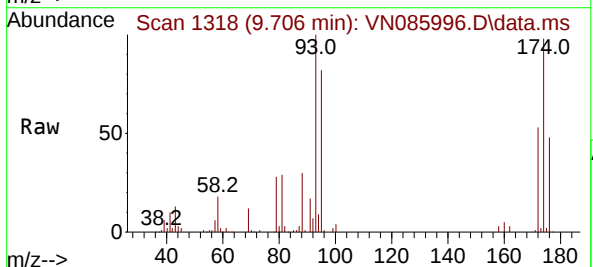
Tgt Ion: 63 Resp: 20531
Ion Ratio Lower Upper
63 100
65 32.5 24.7 37.1

Manual Integrations
APPROVED

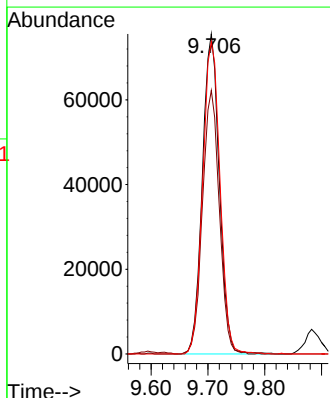
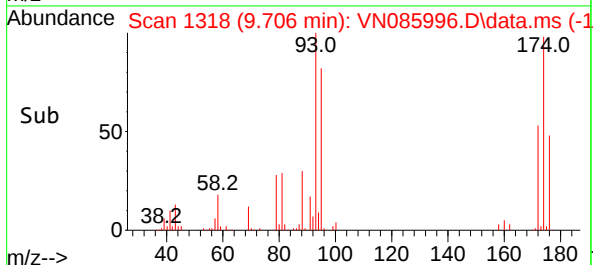
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

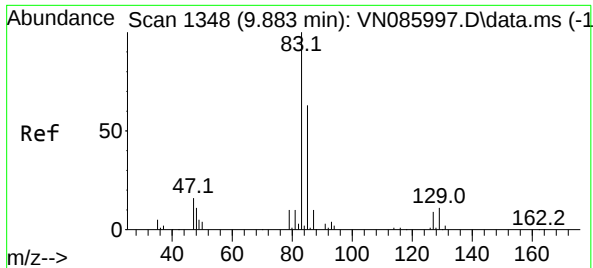


#46
Dibromomethane
Concen: 107.992 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion: 93 Resp: 156183
Ion Ratio Lower Upper
93 100
95 82.1 66.2 99.2
174 99.9 80.1 120.1





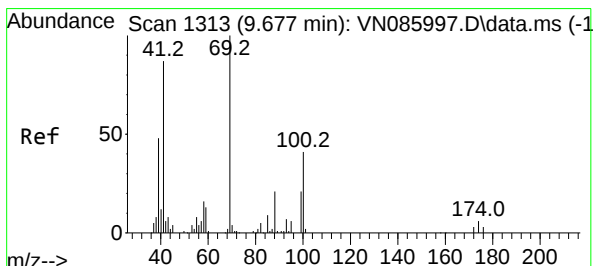
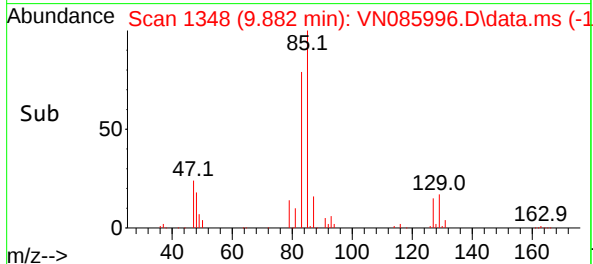
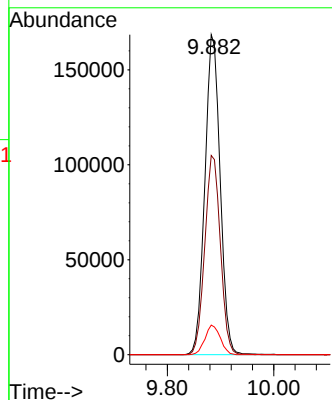
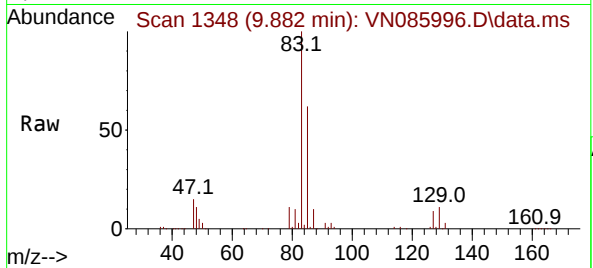
#47
Bromodichloromethane
Concen: 111.244 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 33624
Ion Ratio Lower Upper
83 100
85 62.3 50.2 75.2
127 9.2 7.1 10.7

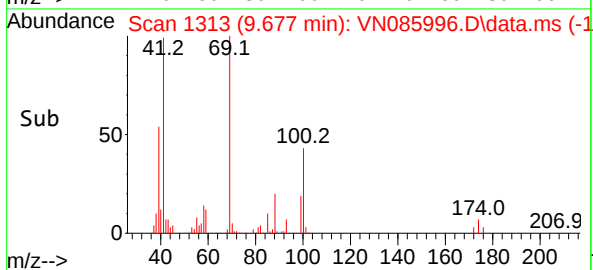
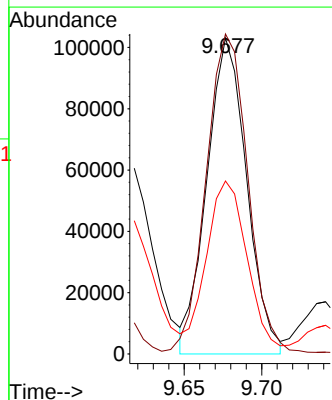
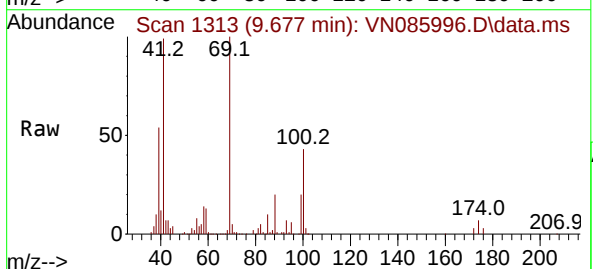
Manual Integrations
APPROVED

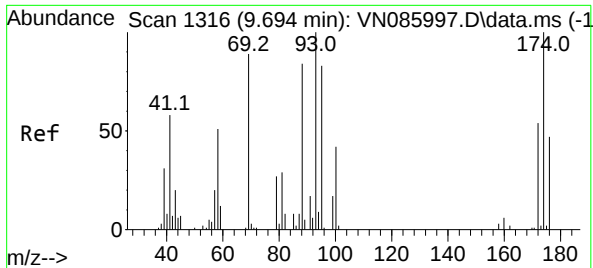
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#48
Methyl methacrylate
Concen: 118.314 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

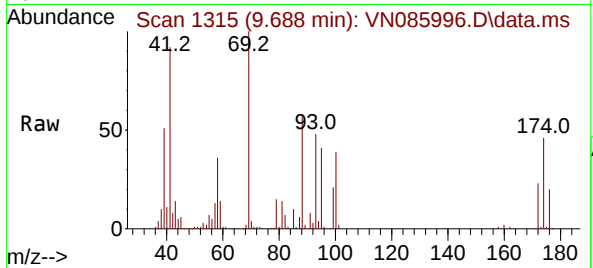
Tgt Ion: 41 Resp: 183832
Ion Ratio Lower Upper
41 100
69 107.2 83.1 124.7
39 56.7 45.6 68.4





#49
1,4-Dioxane
Concen: 2276.865 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

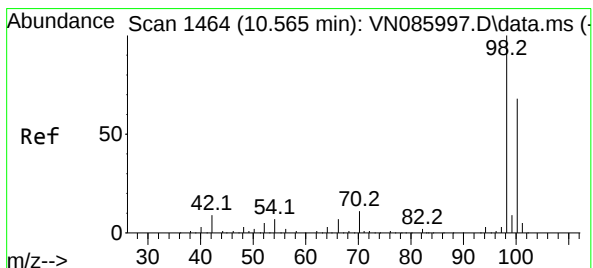
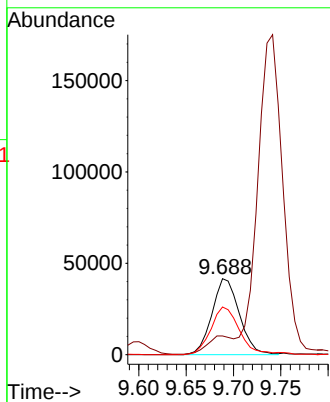
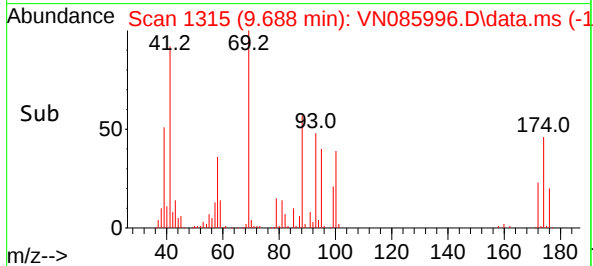
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



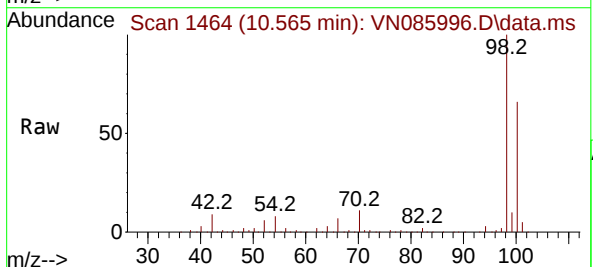
Tgt Ion: 88 Resp: 83630
Ion Ratio Lower Upper
88 100
43 22.7 21.7 32.5
58 66.8 50.4 75.6

Manual Integrations
APPROVED

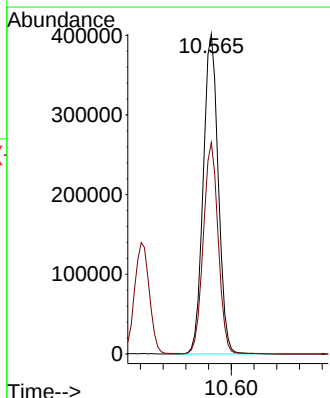
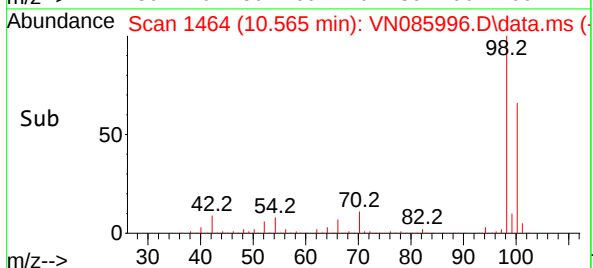
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

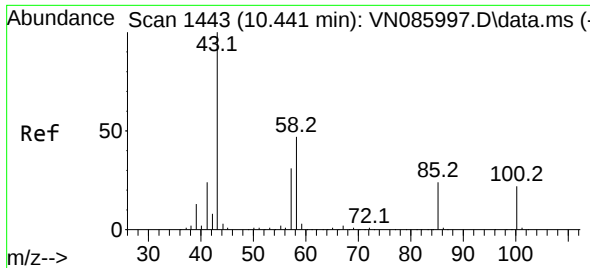


#50
Toluene-d8
Concen: 103.341 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion: 98 Resp: 733621
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





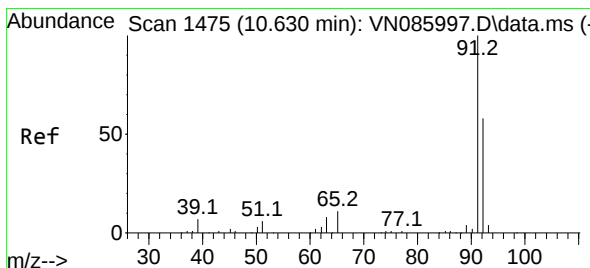
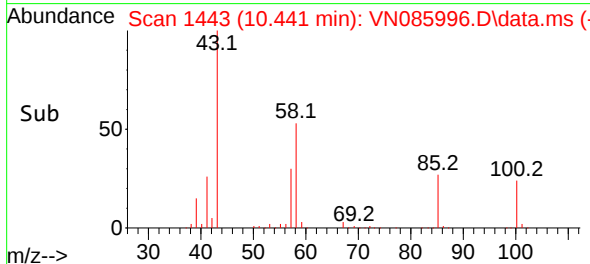
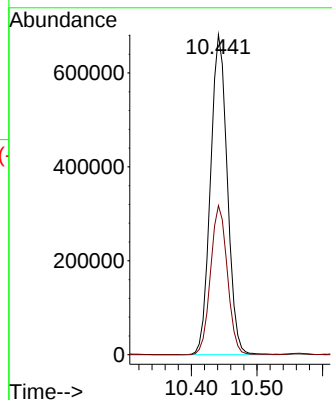
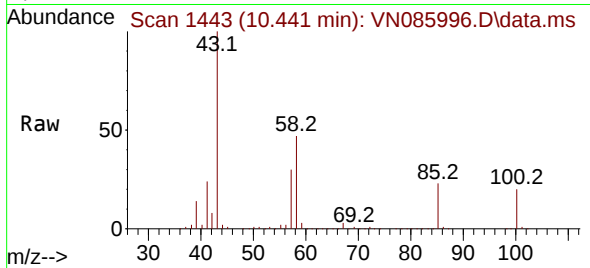
#51
4-Methyl-2-Pentanone
Concen: 585.839 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1216534
Ion Ratio Lower Upper
43 100
58 46.5 37.4 56.0

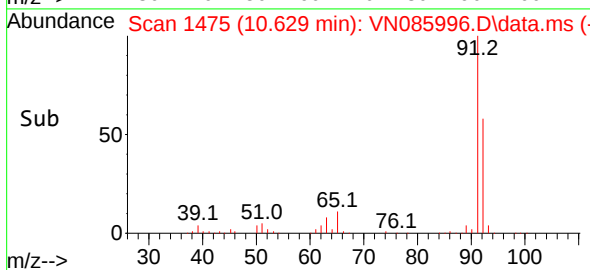
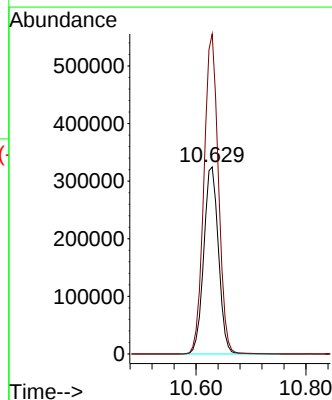
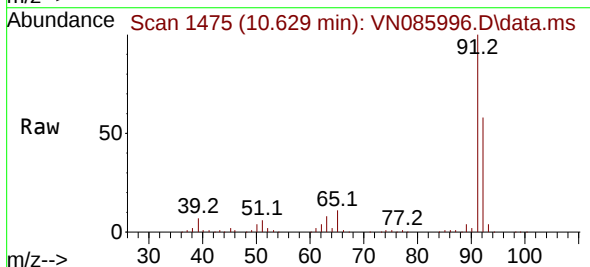
Manual Integrations
APPROVED

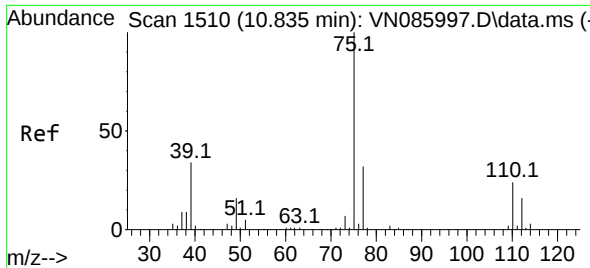
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#52
Toluene
Concen: 121.286 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

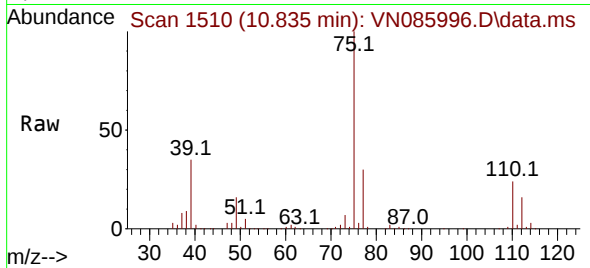
Tgt Ion: 92 Resp: 601872
Ion Ratio Lower Upper
92 100
91 168.4 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 123.365 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

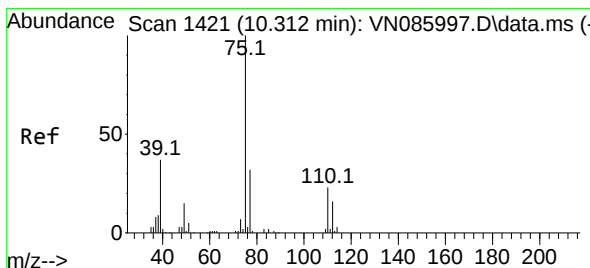
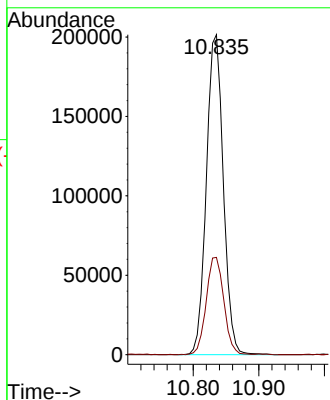
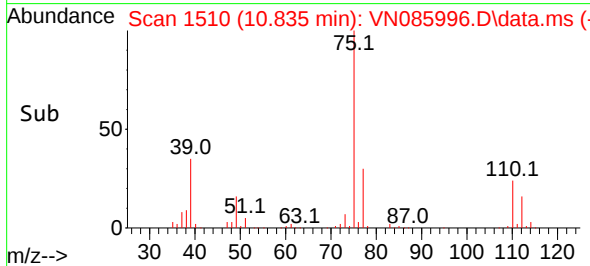
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



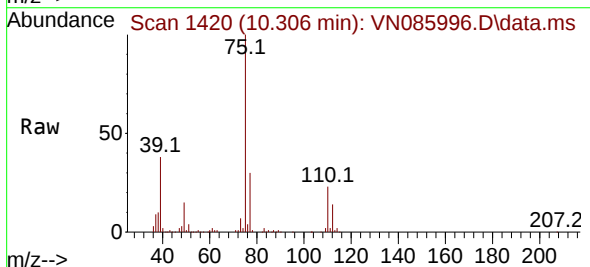
Tgt Ion: 75 Resp: 362129
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9

Manual Integrations
APPROVED

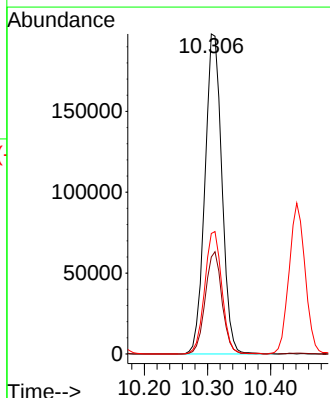
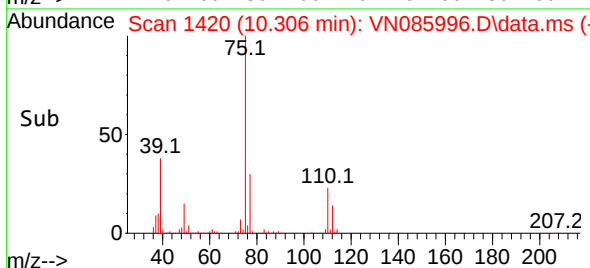
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

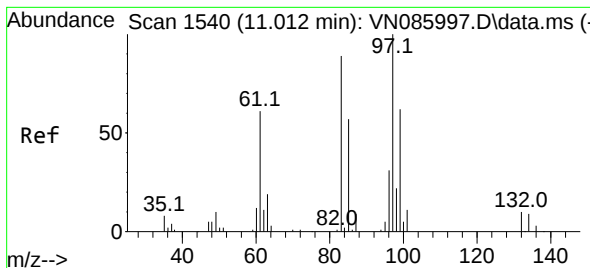


#54
cis-1,3-Dichloropropene
Concen: 119.304 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion: 75 Resp: 369494
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 37.7 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 112.938 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 213909

Ion Ratio Lower Upper

97 100

83 83.0 71.2 106.8

85 54.5 45.4 68.0

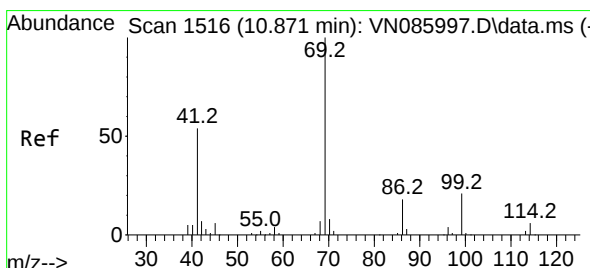
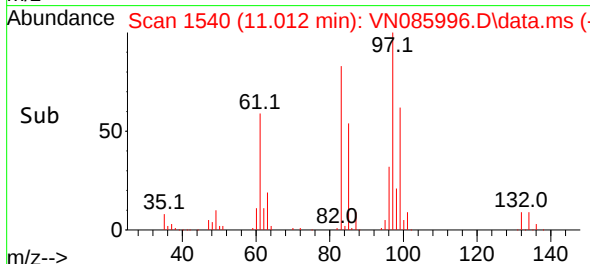
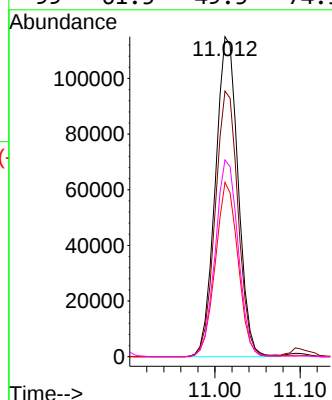
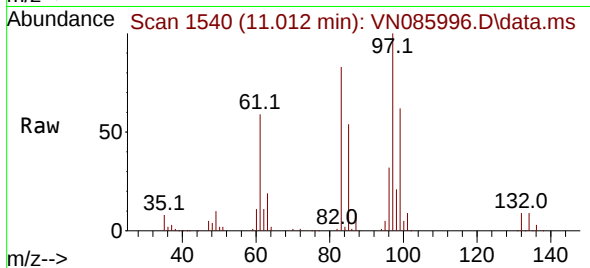
99 61.5 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#56

Ethyl methacrylate

Concen: 100.009 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

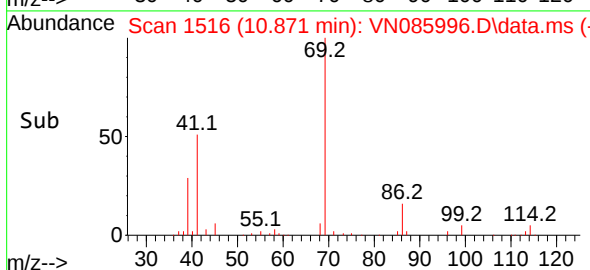
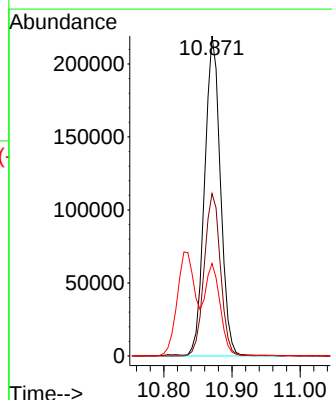
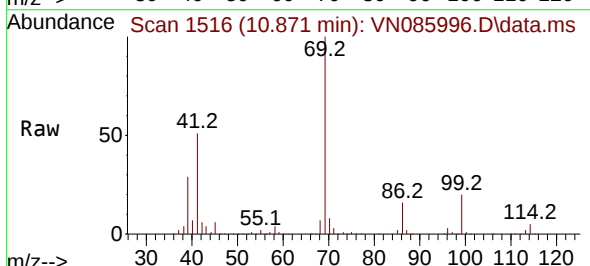
Tgt Ion: 69 Resp: 354676

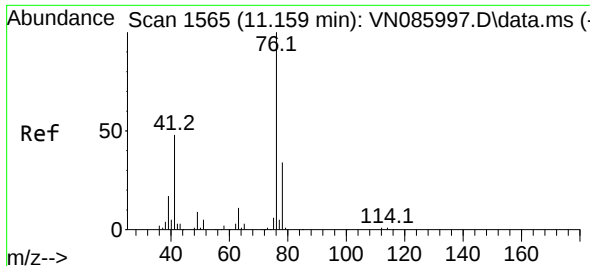
Ion Ratio Lower Upper

69 100

41 51.4 41.6 62.4

39 27.3 21.8 32.8





#57

1,3-Dichloropropane

Concen: 114.512 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085996.D

Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 368384

Ion Ratio Lower Upper

76 100

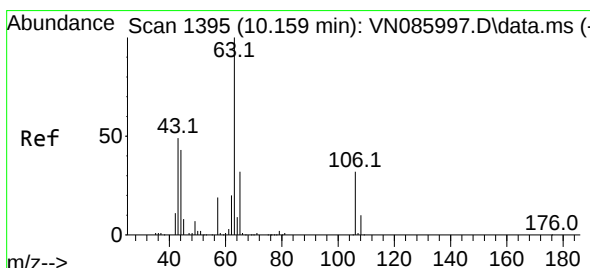
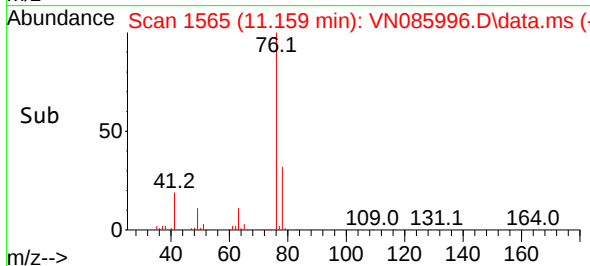
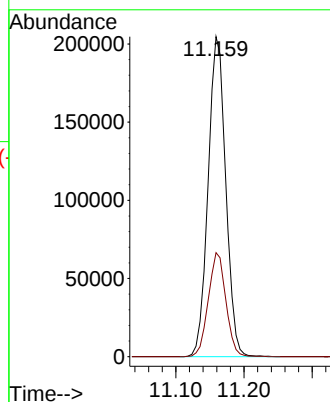
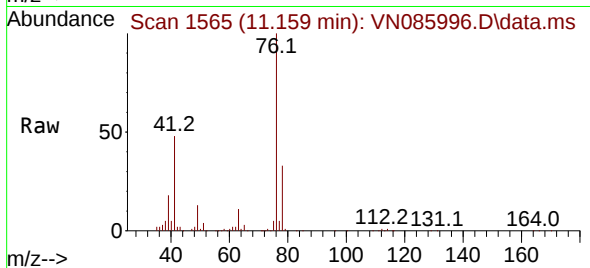
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 498.510 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085996.D

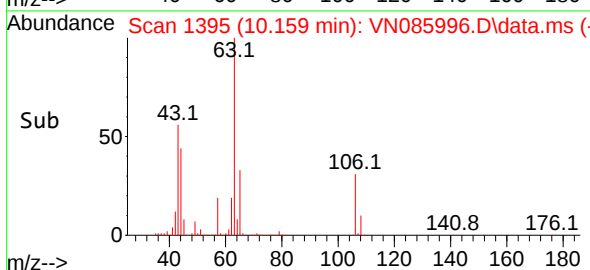
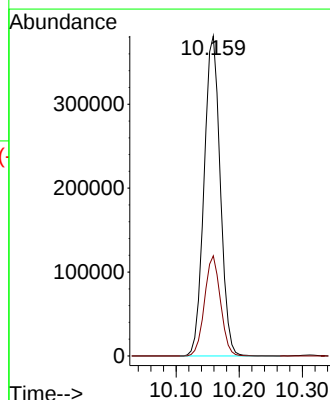
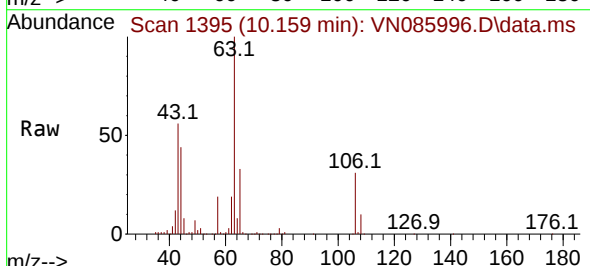
Acq: 18 Mar 2025 11:44

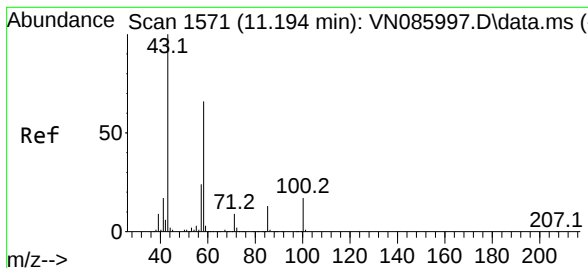
Tgt Ion: 63 Resp: 678829

Ion Ratio Lower Upper

63 100

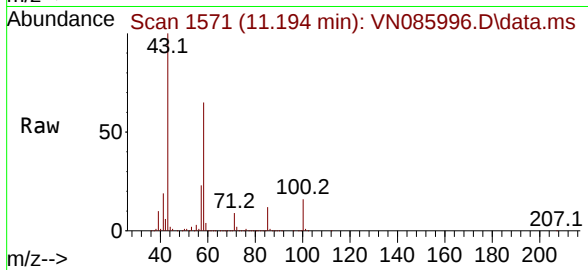
106 30.8 25.0 37.6





#59
2-Hexanone
Concen: 618.290 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

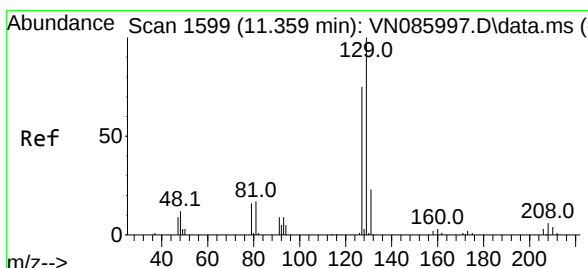
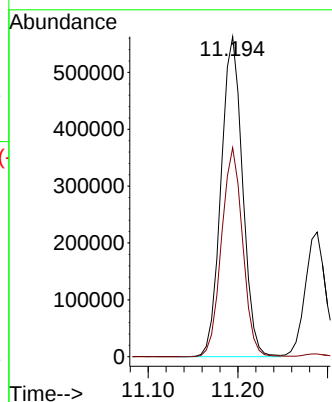
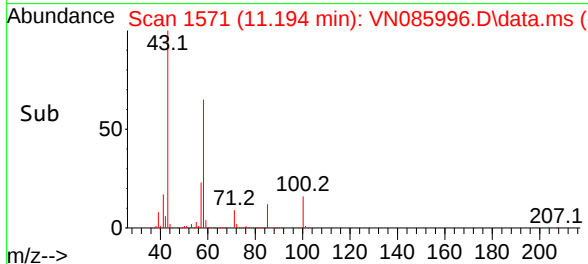
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 935328
Ion Ratio Lower Upper
43 100
58 64.2 32.4 97.2

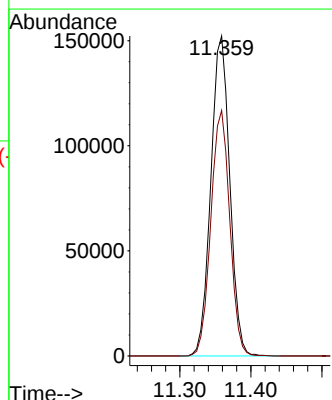
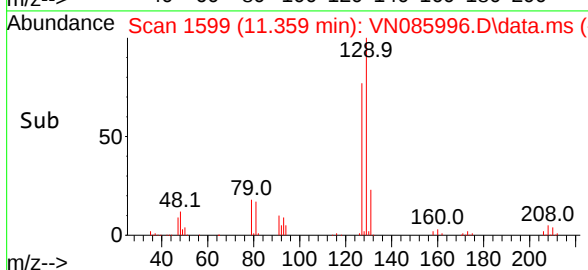
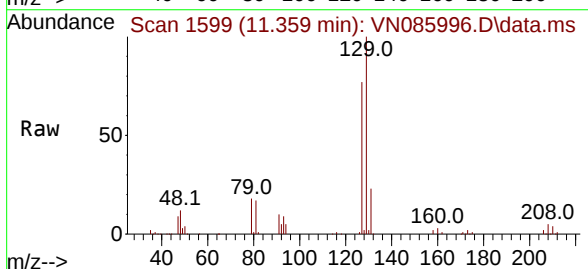
Manual Integrations
APPROVED

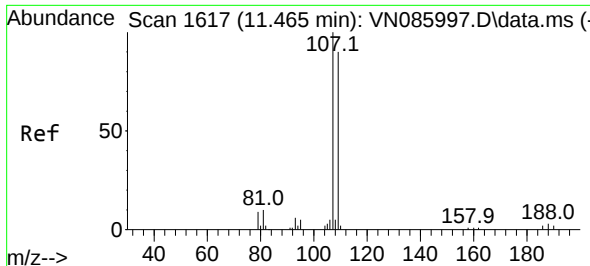
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#60
Dibromochloromethane
Concen: 115.239 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

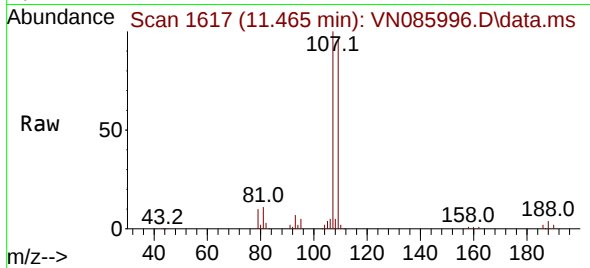
Tgt Ion:129 Resp: 281651
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





#61
1,2-Dibromoethane
Concen: 115.301 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

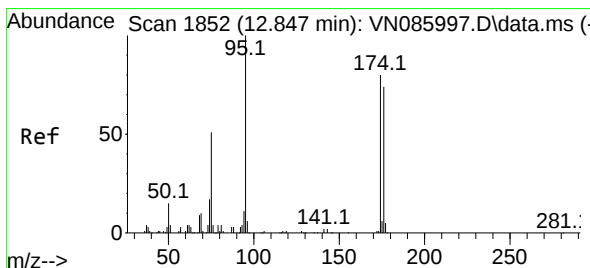
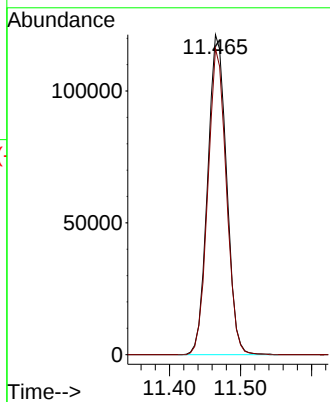
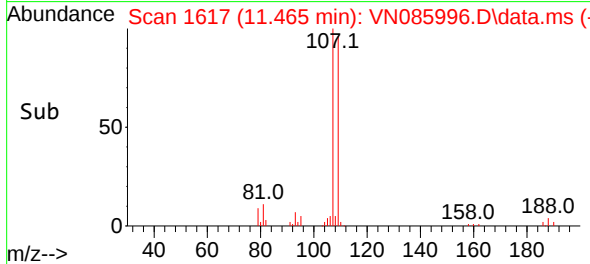
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



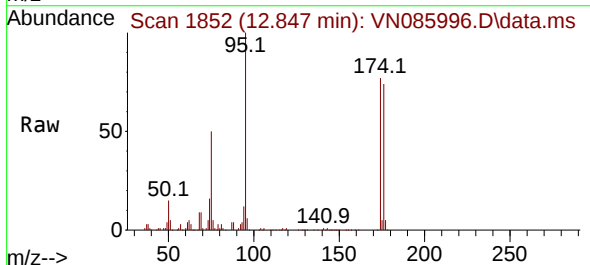
Tgt Ion:107 Resp: 224197
Ion Ratio Lower Upper
107 100
109 93.5 73.3 109.9

Manual Integrations
APPROVED

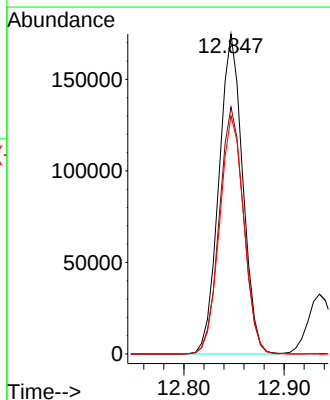
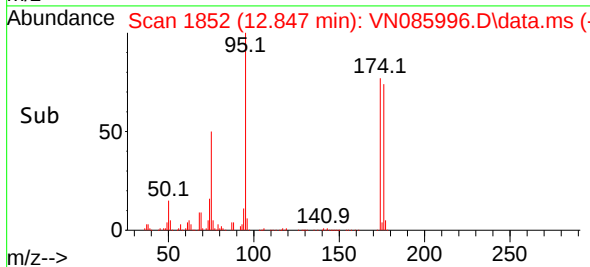
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

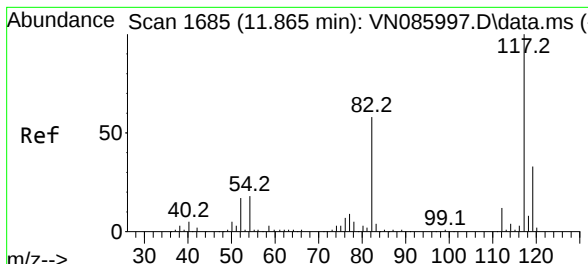


#62
4-Bromofluorobenzene
Concen: 113.805 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



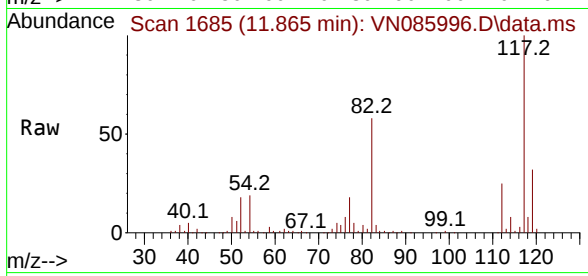
Tgt Ion: 95 Resp: 288124
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 75.9 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

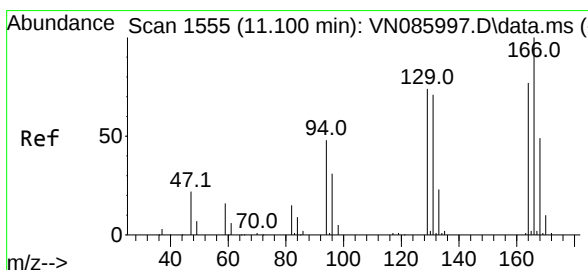
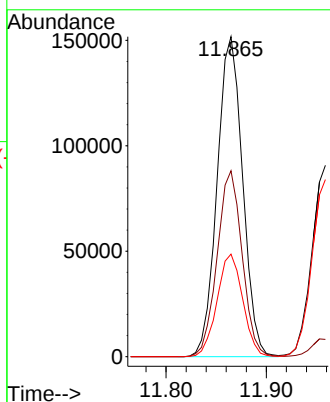
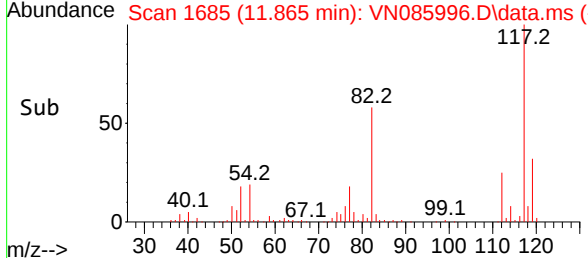
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



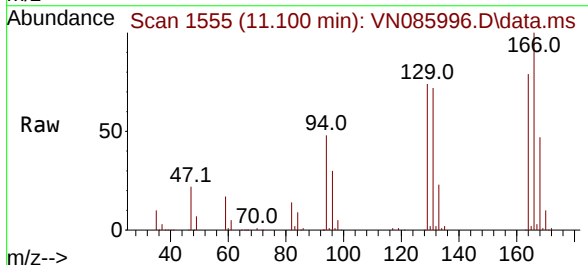
Tgt Ion:117 Resp: 267544
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.1 26.5 39.7

Manual Integrations
APPROVED

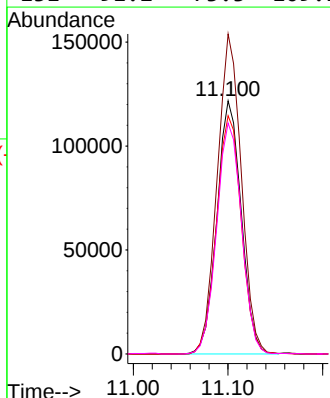
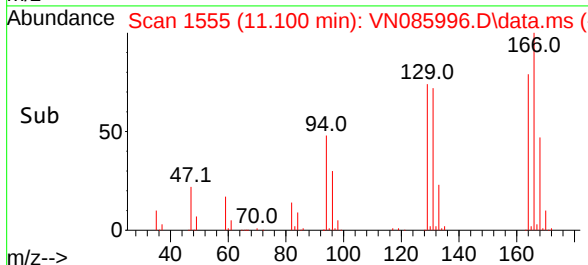
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

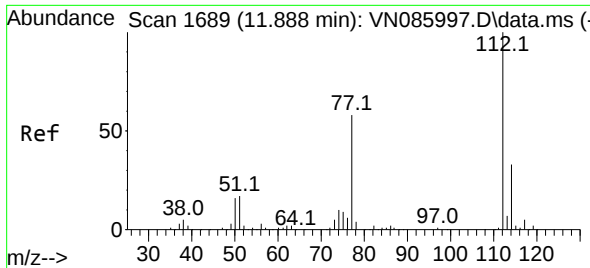


#64
Tetrachloroethene
Concen: 102.122 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion:164 Resp: 217951
Ion Ratio Lower Upper
164 100
166 126.4 103.7 155.5
129 94.1 77.1 115.7
131 91.2 73.3 109.9





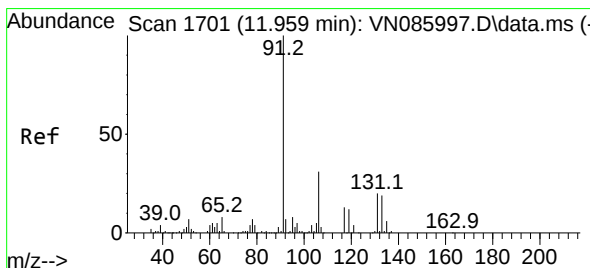
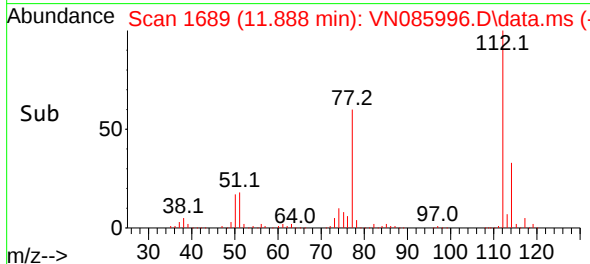
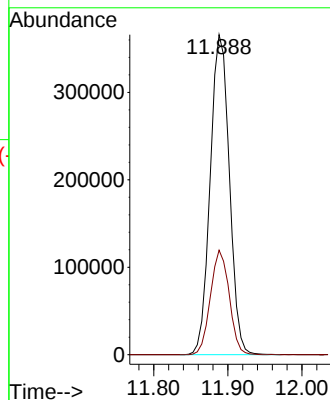
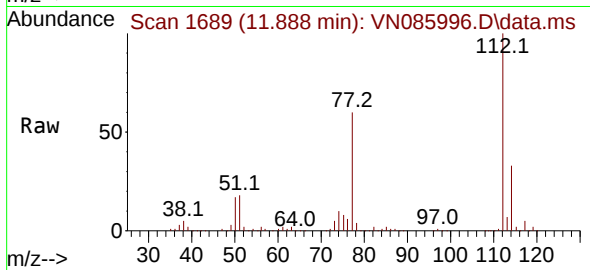
#65
Chlorobenzene
Concen: 107.422 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 65765
Ion Ratio Lower Upper
112 100
114 32.6 26.3 39.5

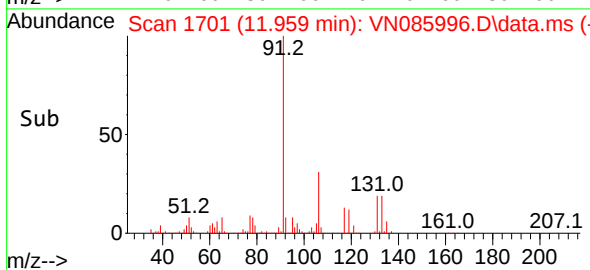
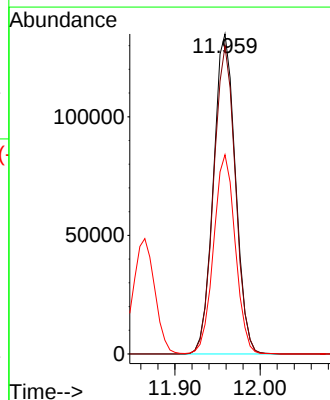
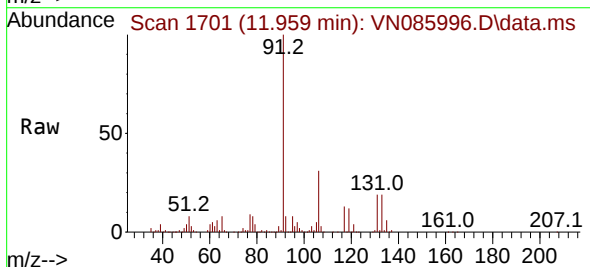
Manual Integrations
APPROVED

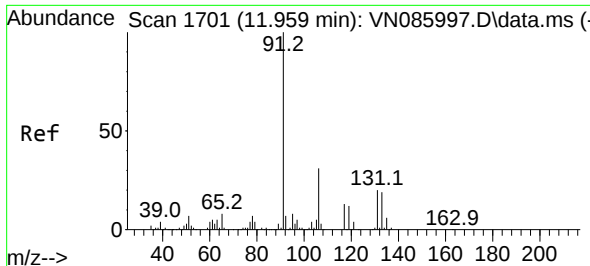
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 106.205 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion:131 Resp: 241702
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.0
119 61.4 31.4 94.0





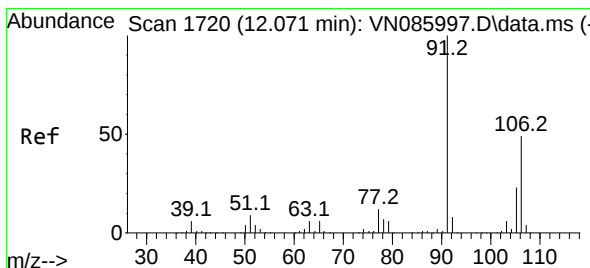
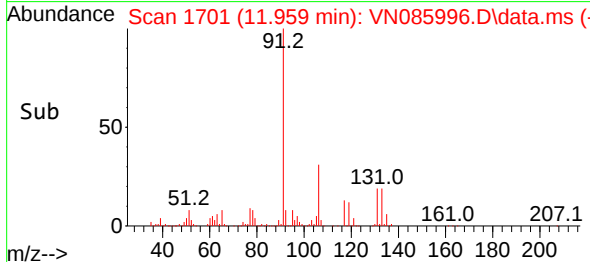
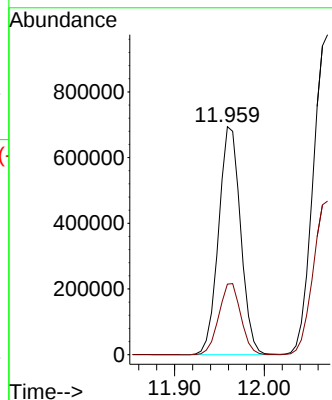
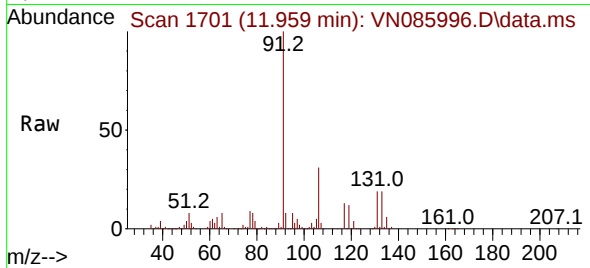
#67
Ethyl Benzene
Concen: 120.702 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 118205
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7

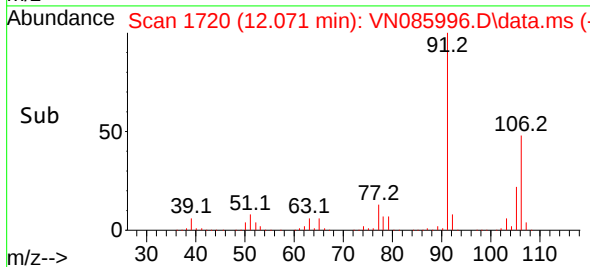
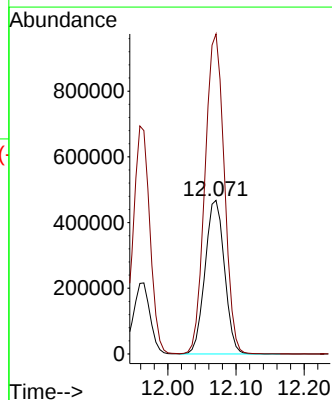
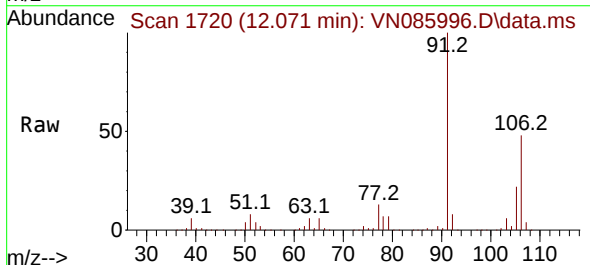
Manual Integrations
APPROVED

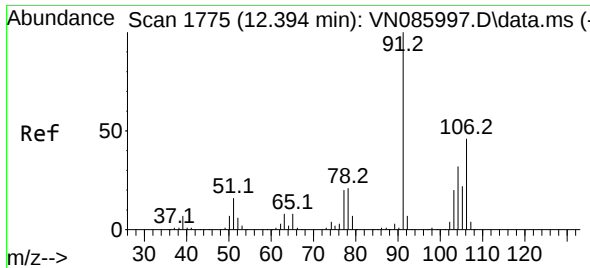
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#68
m/p-Xylenes
Concen: 240.977 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion:106 Resp: 927553
Ion Ratio Lower Upper
106 100
91 206.9 163.9 245.9





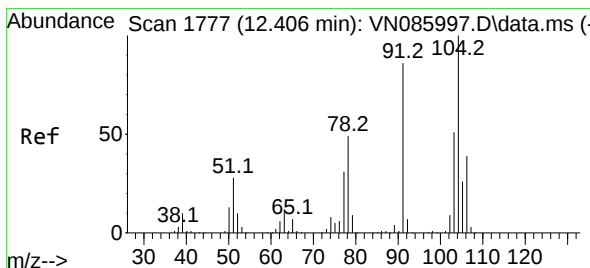
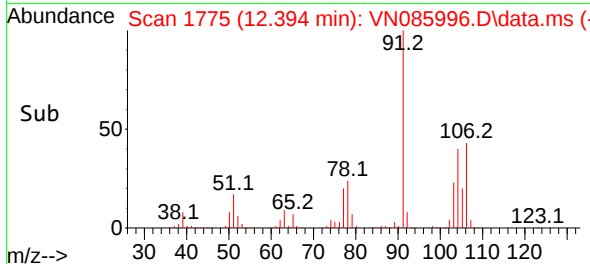
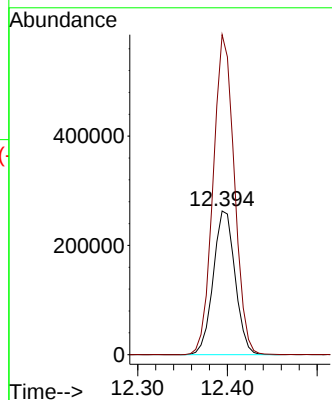
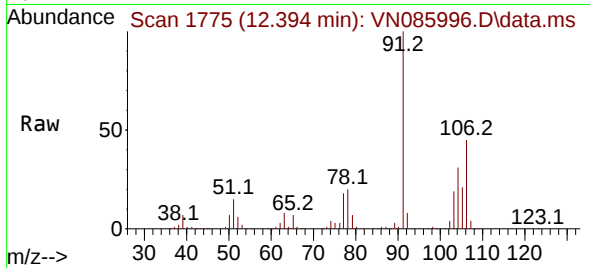
#69
o-Xylene
Concen: 125.926 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 444860
Ion Ratio Lower Upper
106 100
91 216.4 109.1 327.2

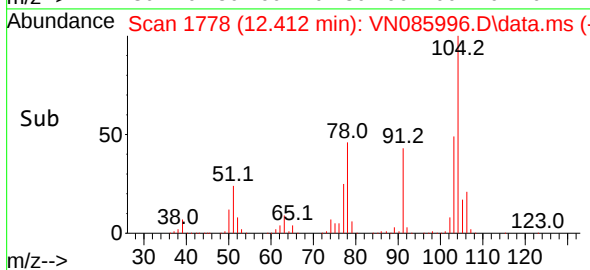
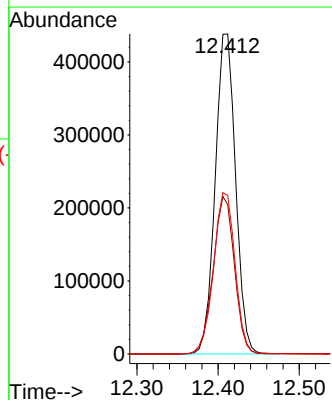
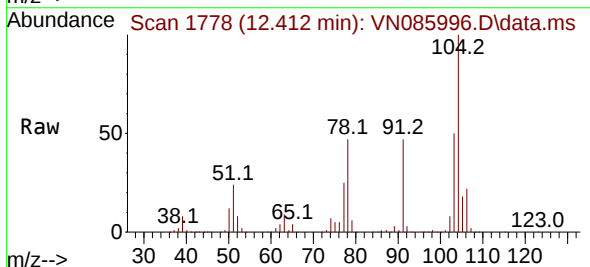
Manual Integrations
APPROVED

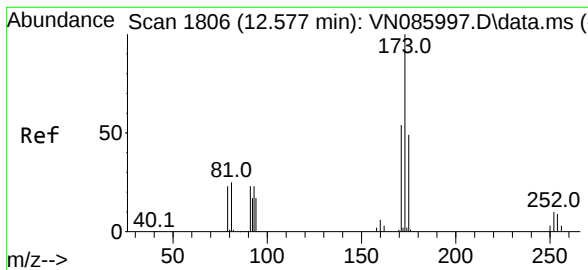
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#70
Styrene
Concen: 126.938 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

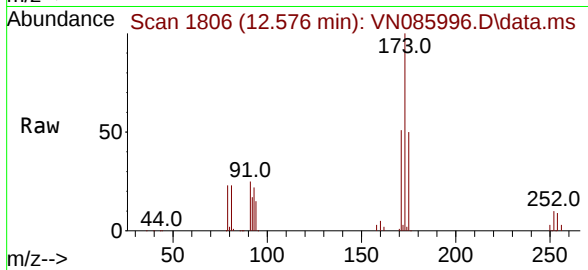
Tgt Ion:104 Resp: 765959
Ion Ratio Lower Upper
104 100
78 51.5 41.4 62.2
103 53.3 42.9 64.3





#71
Bromoform
Concen: 110.191 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

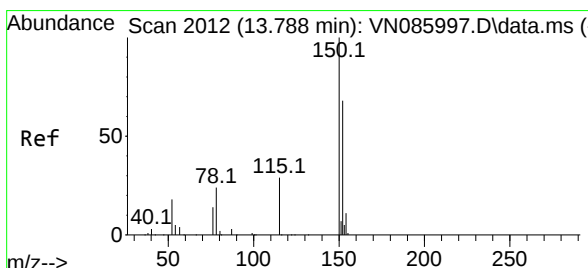
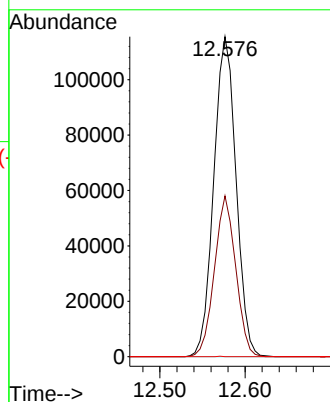
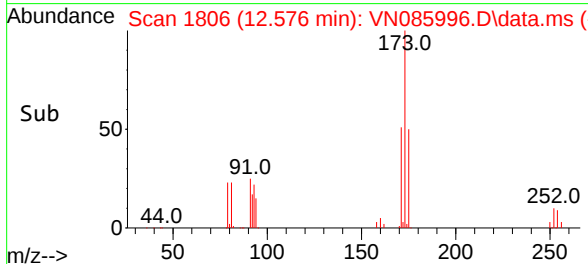
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



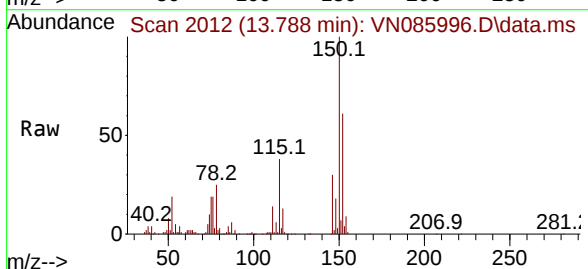
Tgt Ion:173 Resp: 20963
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

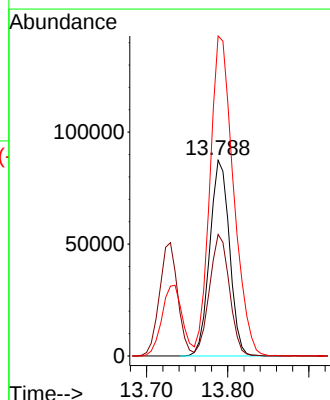
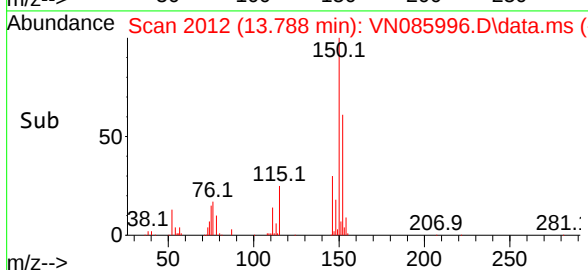
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

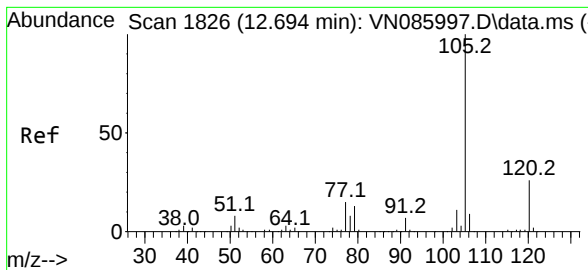


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion:152 Resp: 147510
Ion Ratio Lower Upper
152 100
115 62.6 31.1 93.2
150 194.7 0.0 359.6





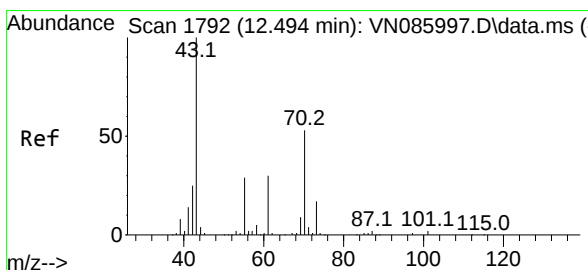
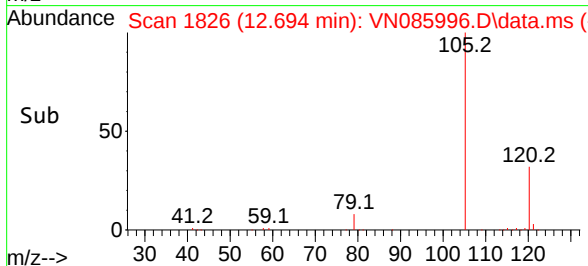
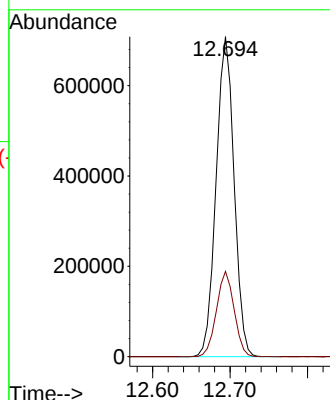
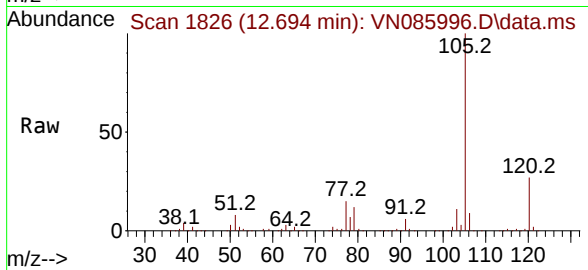
#73
Isopropylbenzene
Concen: 113.143 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1139710
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

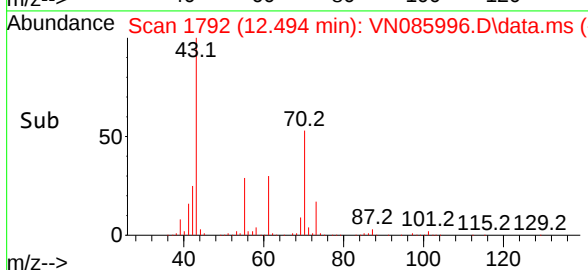
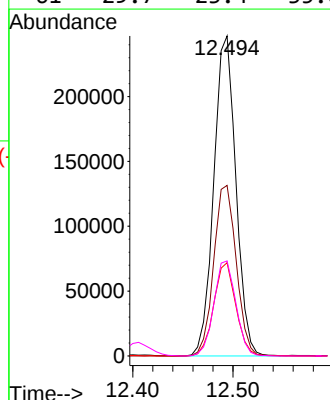
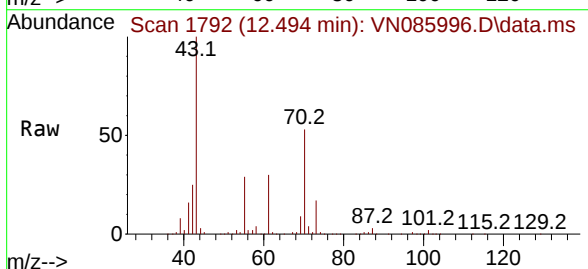
Manual Integrations
APPROVED

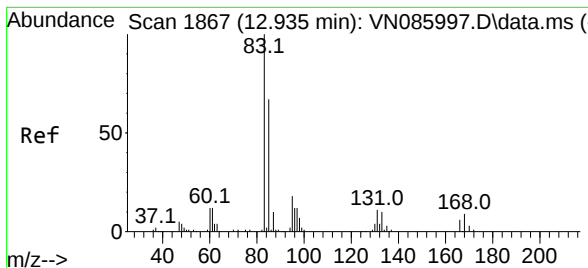
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#74
N-ethyl acetate
Concen: 111.912 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion: 43 Resp: 377161
Ion Ratio Lower Upper
43 100
70 54.5 43.0 64.4
55 29.3 23.8 35.8
61 29.7 23.4 35.0





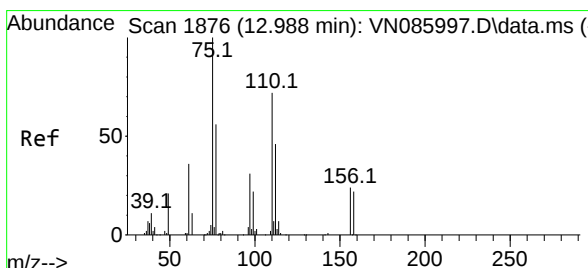
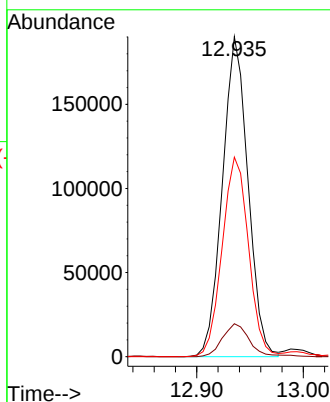
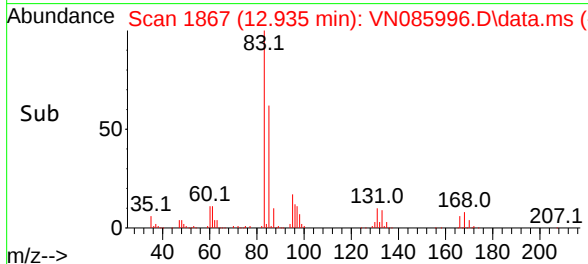
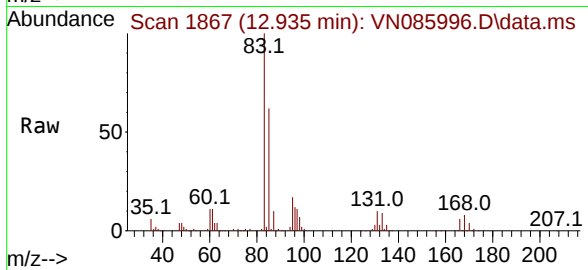
#75
1,1,2,2-Tetrachloroethane
Concen: 93.117 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 317335
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 64.2 32.6 97.8

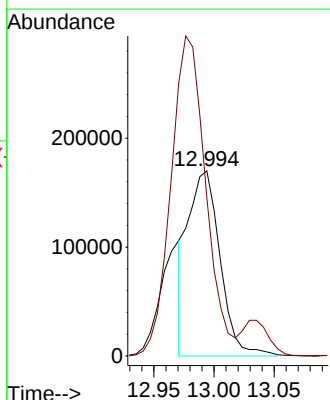
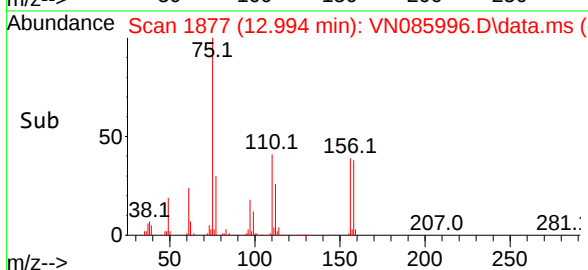
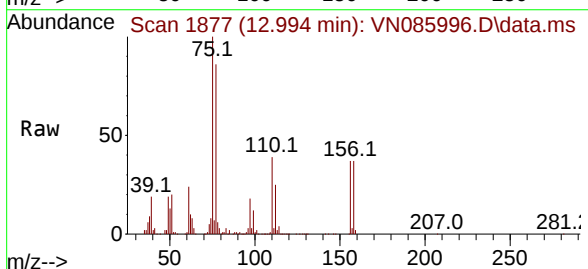
Manual Integrations
APPROVED

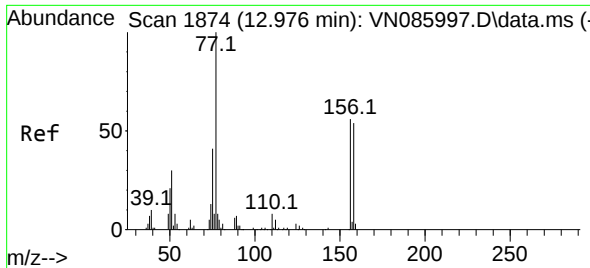
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#76
1,2,3-Trichloropropane
Concen: 93.831 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

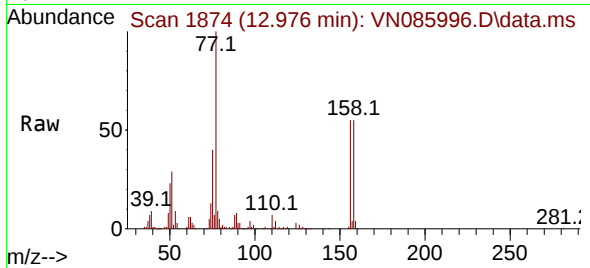
Tgt Ion: 75 Resp: 315551
Ion Ratio Lower Upper
75 100
77 187.0 83.7 251.0





#77
Bromobenzene
Concen: 101.270 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

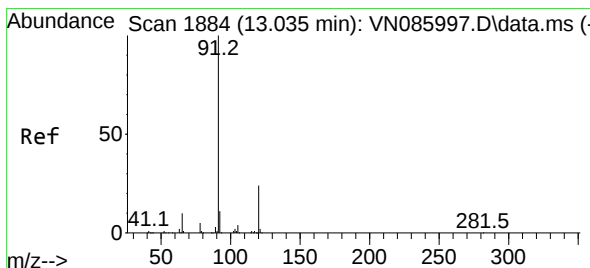
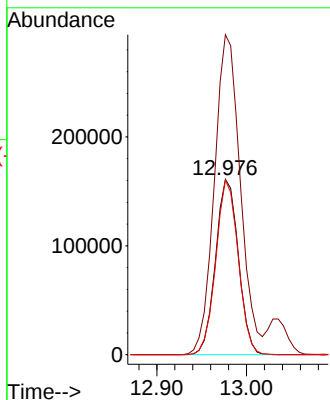
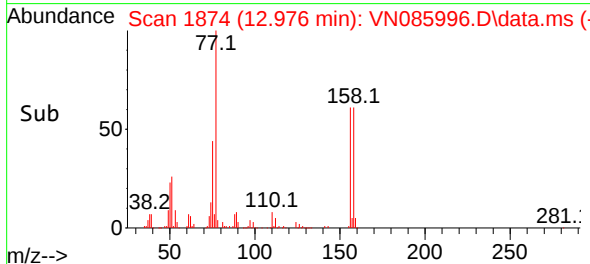
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



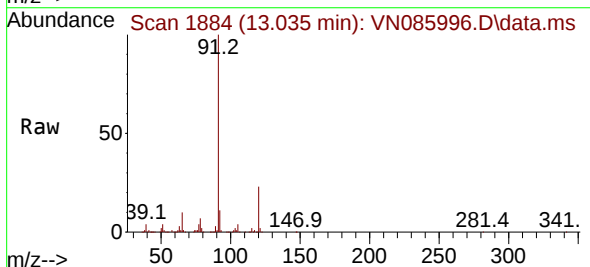
Tgt Ion:156 Resp: 284449
Ion Ratio Lower Upper
156 100
77 207.4 104.1 312.3
158 97.7 49.0 147.0

Manual Integrations
APPROVED

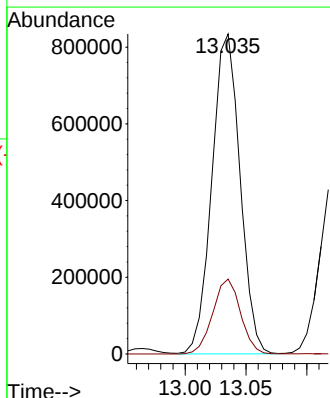
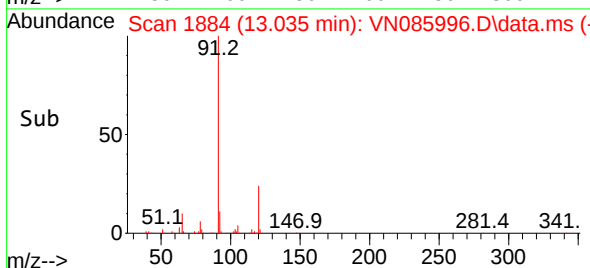
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

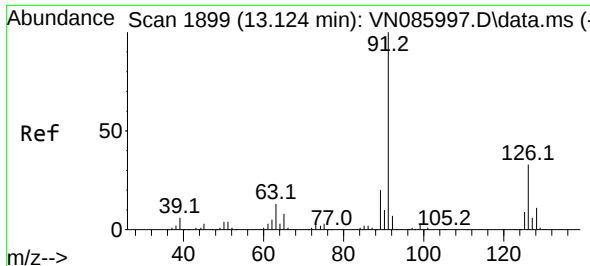


#78
n-propylbenzene
Concen: 117.577 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



Tgt Ion: 91 Resp: 1341141
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0





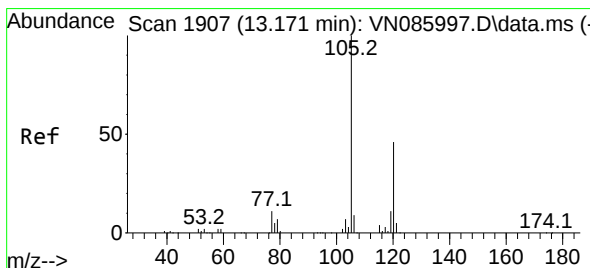
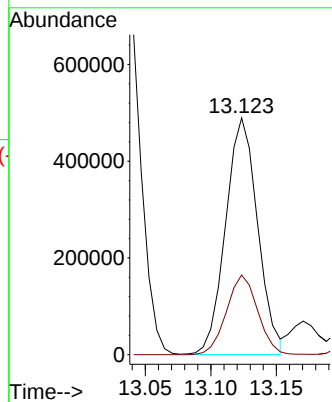
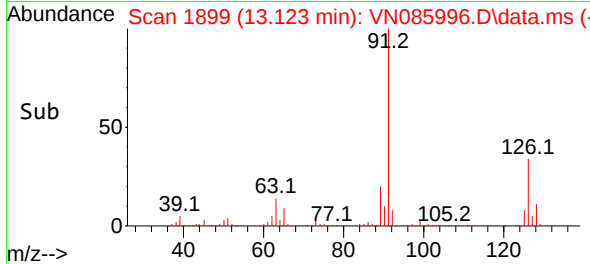
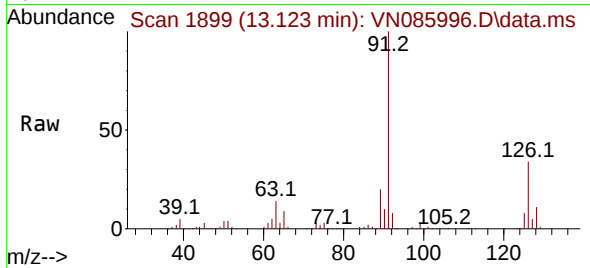
#79
2-Chlorotoluene
Concen: 109.823 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 832060
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

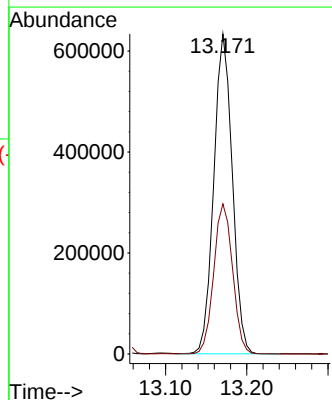
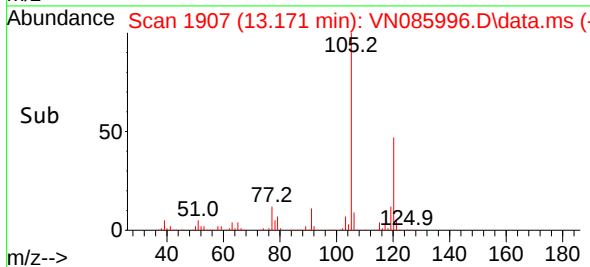
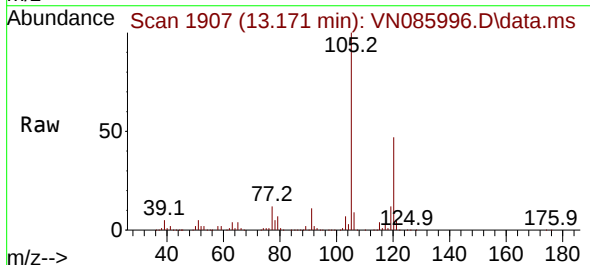
Manual Integrations
APPROVED

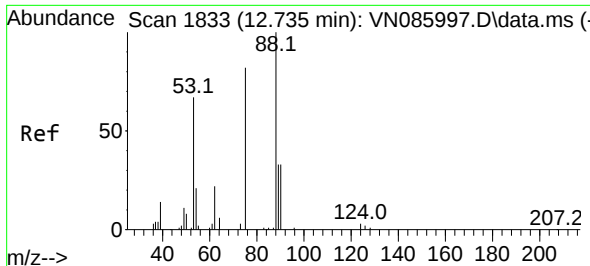
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 117.902 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

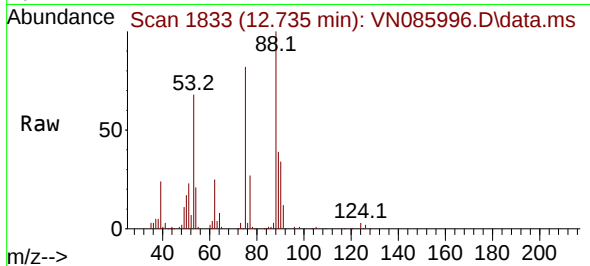
Tgt Ion:105 Resp: 1002727
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 114.684 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

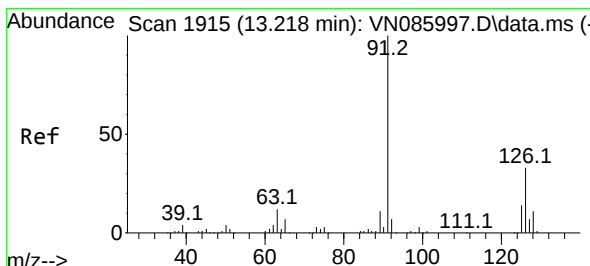
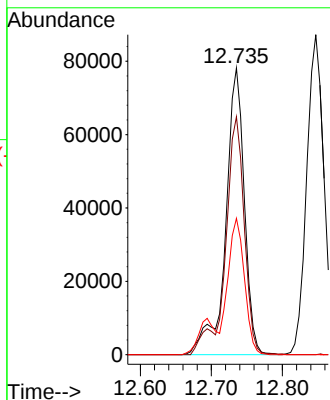
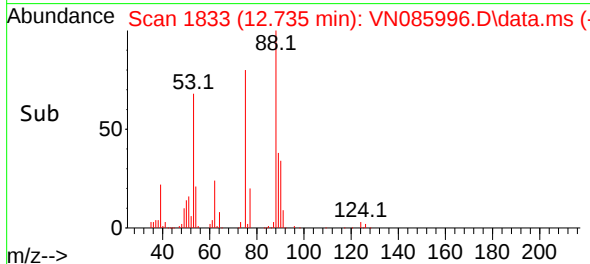
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 143254
Ion Ratio Lower Upper
75 100
53 83.3 66.0 99.0
89 41.6 36.9 55.3

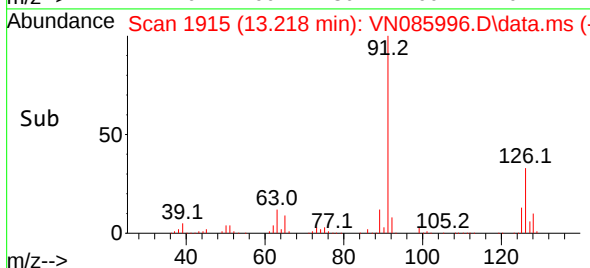
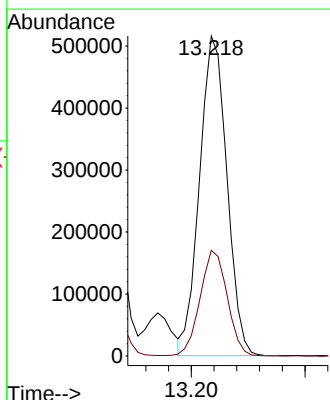
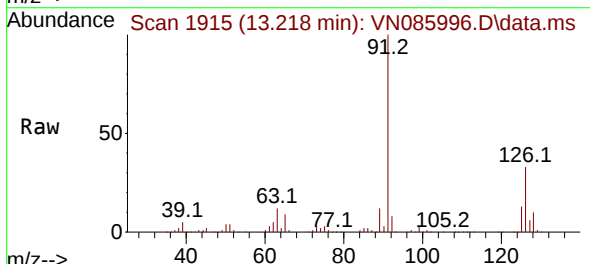
Manual Integrations
APPROVED

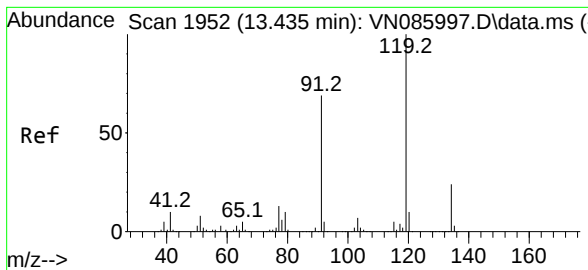
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#82
4-Chlorotoluene
Concen: 110.605 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

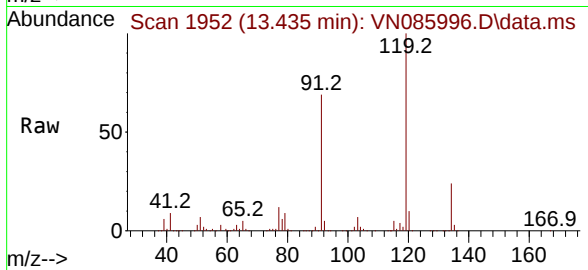
Tgt Ion: 91 Resp: 861737
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2





#83
tert-Butylbenzene
Concen: 112.824 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

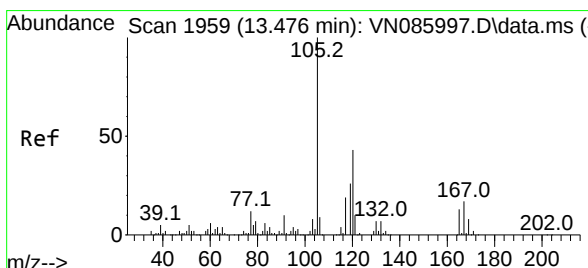
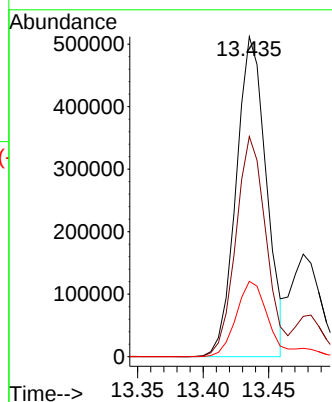
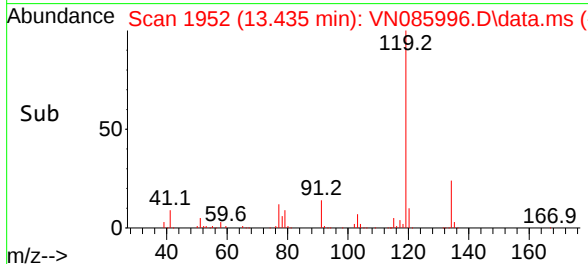
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



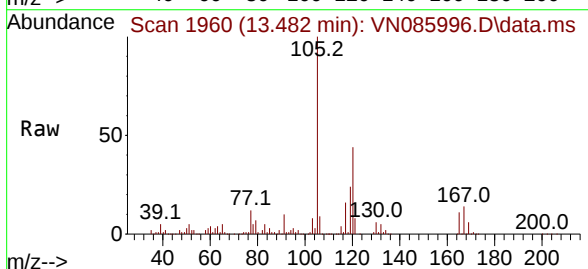
Tgt Ion:119 Resp: 82065
Ion Ratio Lower Upper
119 100
91 69.4 34.3 102.9
134 26.4 13.5 40.5

Manual Integrations
APPROVED

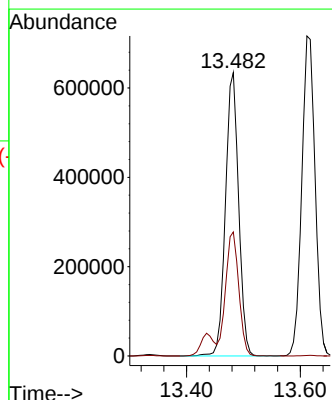
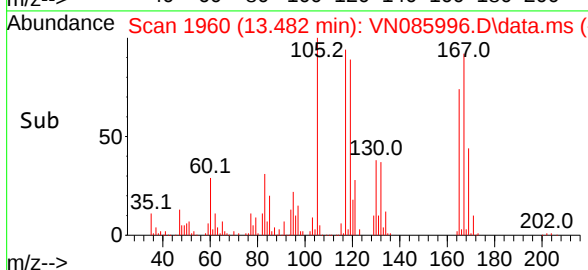
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

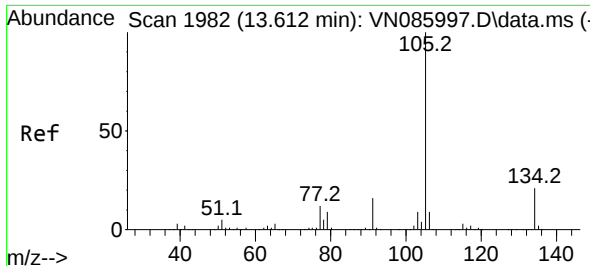


#84
1,2,4-Trimethylbenzene
Concen: 119.410 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44



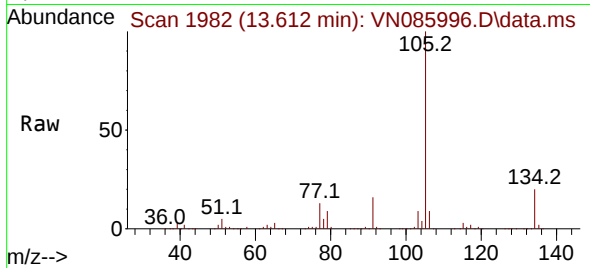
Tgt Ion:105 Resp: 1024294
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 122.266 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

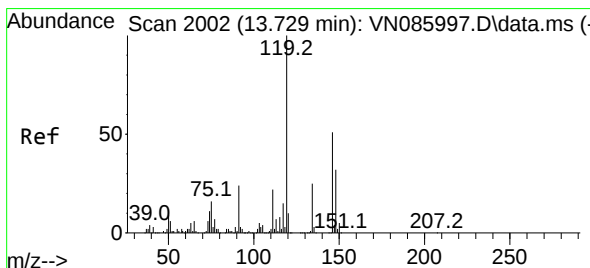
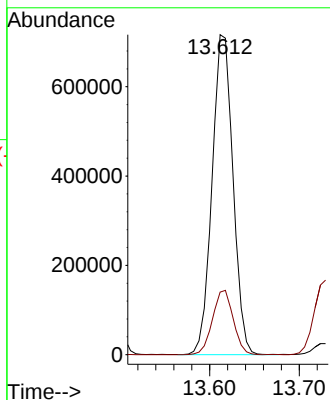
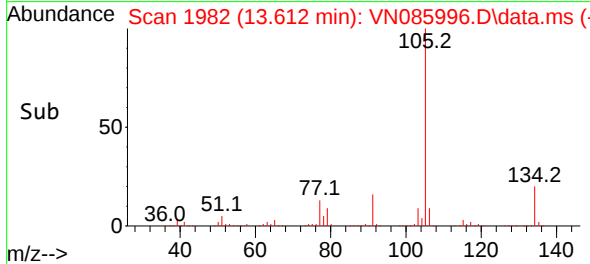
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



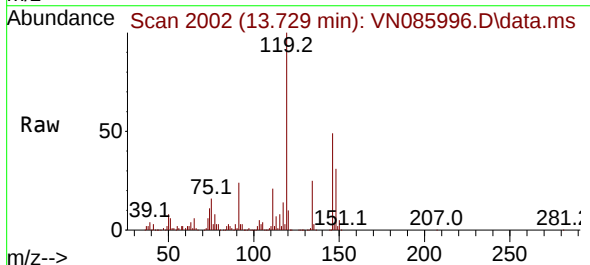
Tgt Ion:105 Resp: 1160160
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
 APPROVED

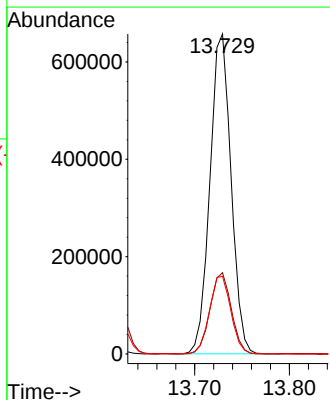
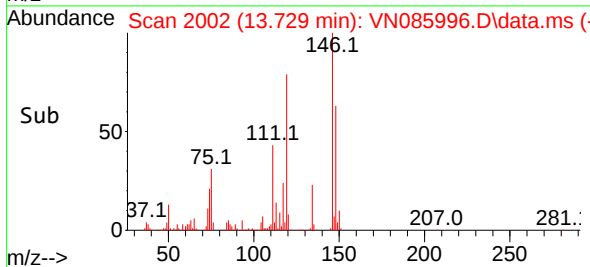
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

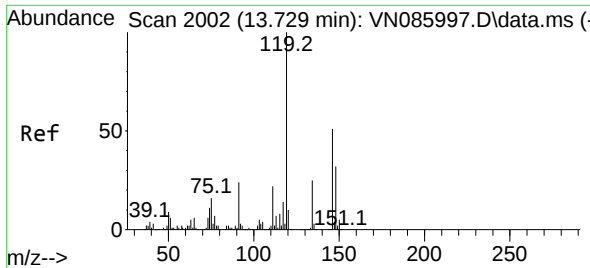


#86
 p-Isopropyltoluene
 Concen: 126.470 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44



Tgt Ion:119 Resp: 1015859
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.6 12.3 36.8





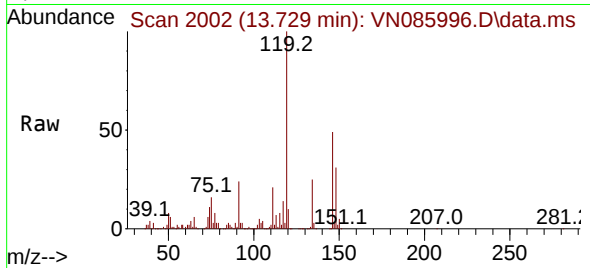
#87
 1,3-Dichlorobenzene
 Concen: 107.364 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



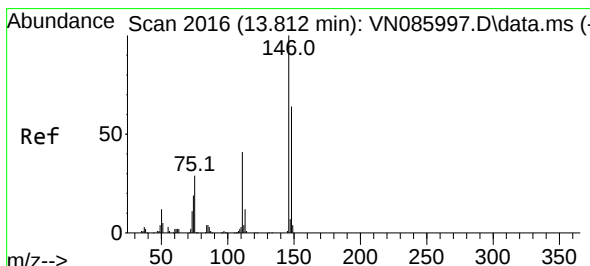
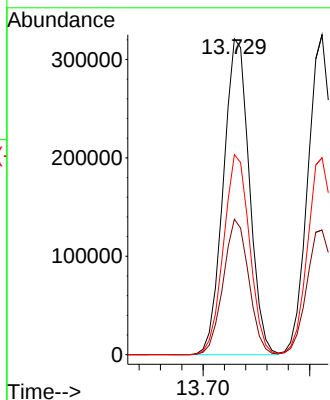
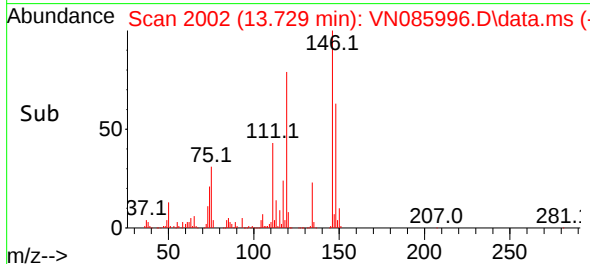
Tgt Ion:146 Resp: 543572
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.2 63.6
 148 63.6 31.8 95.4

Manual Integrations

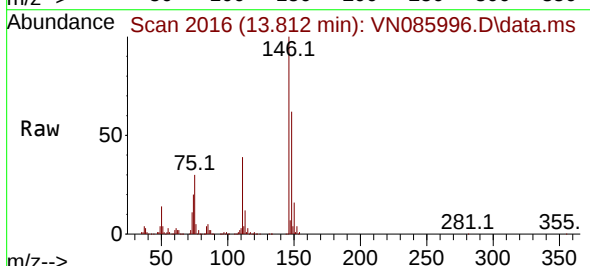
APPROVED

Reviewed By :John Carlone 03/19/2025

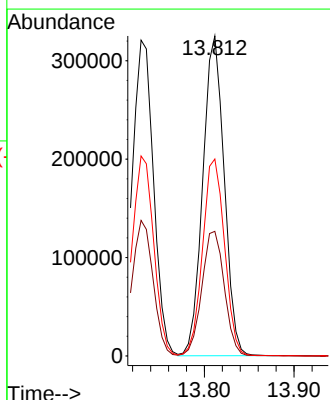
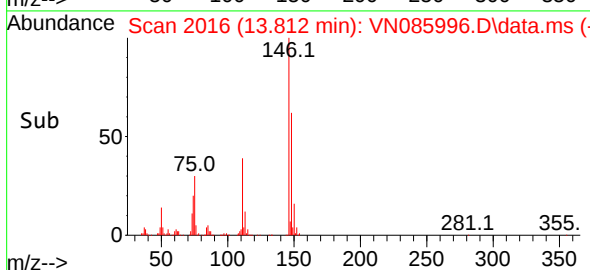
Supervised By :Mahesh Dadoda 03/19/2025

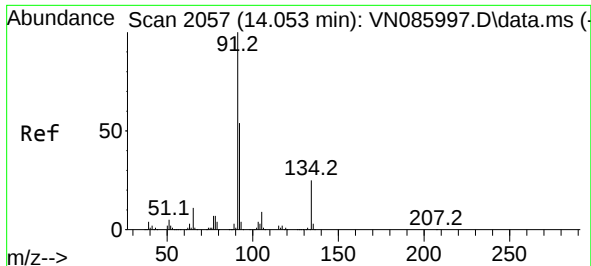


#88
 1,4-Dichlorobenzene
 Concen: 101.234 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN085996.D
 Acq: 18 Mar 2025 11:44



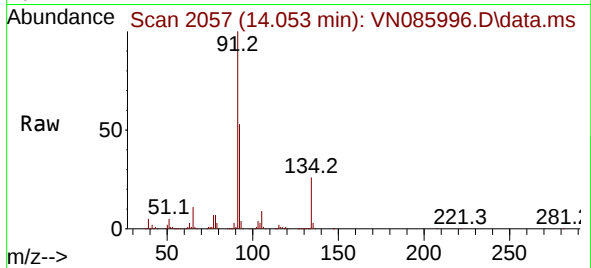
Tgt Ion:146 Resp: 538505
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.3
 148 63.2 32.1 96.5





#89
n-Butylbenzene
Concen: 129.699 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

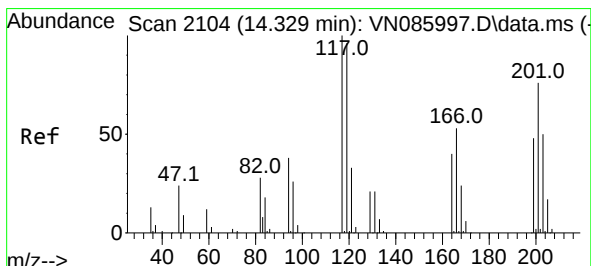
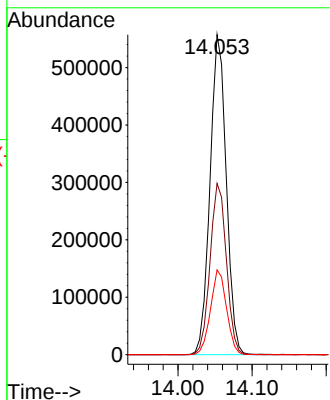
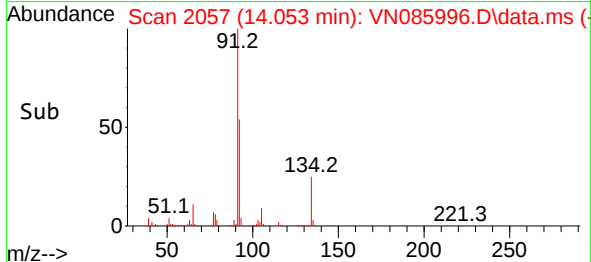
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 84836
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 26.1 13.0 39.0

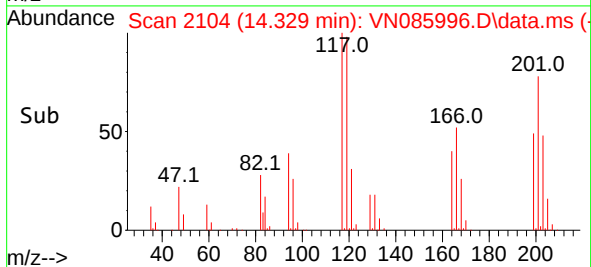
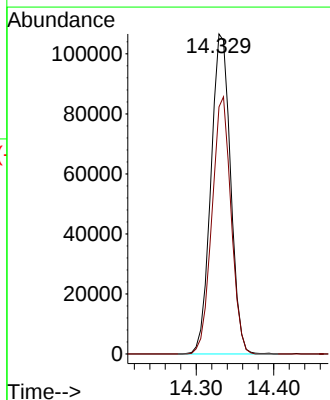
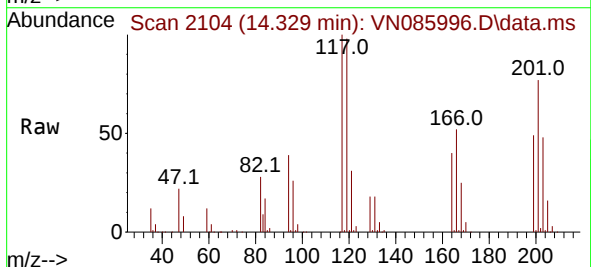
Manual Integrations
APPROVED

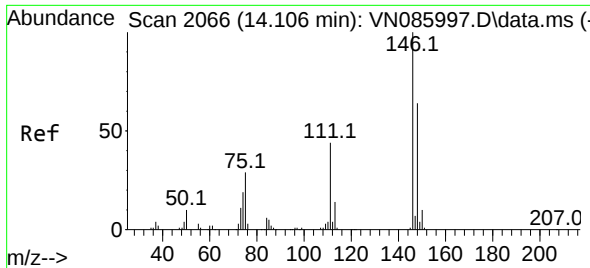
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#90
Hexachloroethane
Concen: 101.383 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion:117 Resp: 187906
Ion Ratio Lower Upper
117 100
201 77.9 39.1 117.3





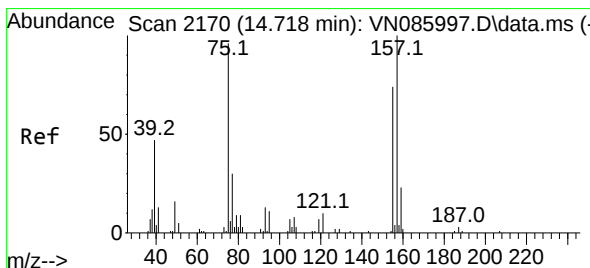
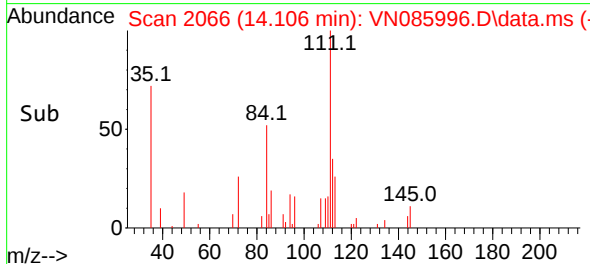
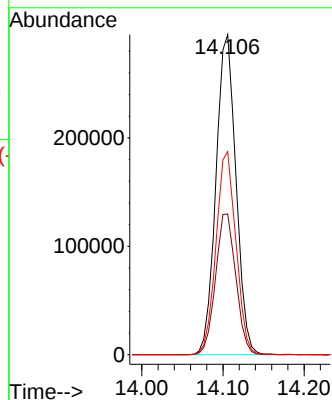
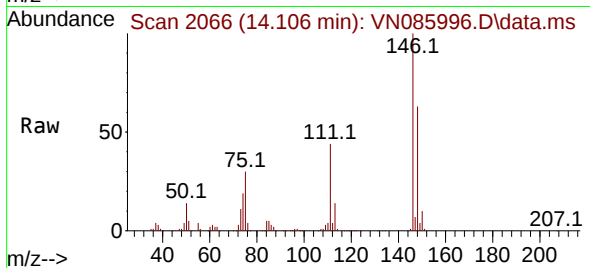
#91
1,2-Dichlorobenzene
Concen: 100.605 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 506350
Ion Ratio Lower Upper
146 100
111 44.5 22.3 66.8
148 63.2 32.1 96.5

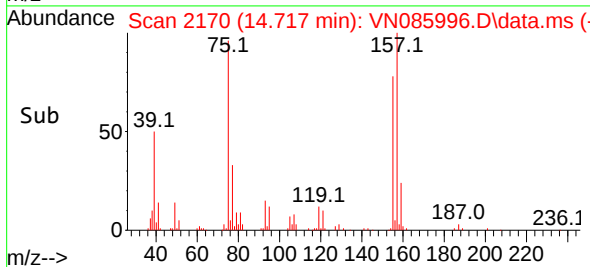
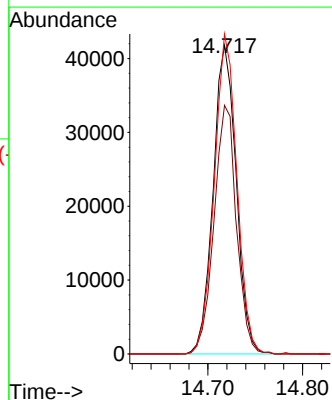
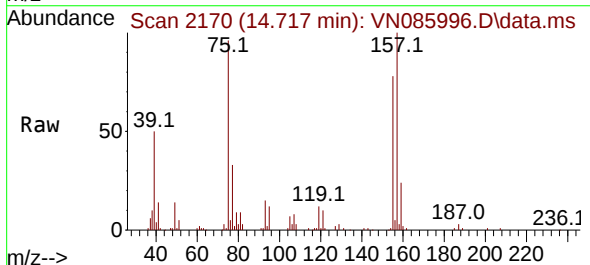
Manual Integrations
APPROVED

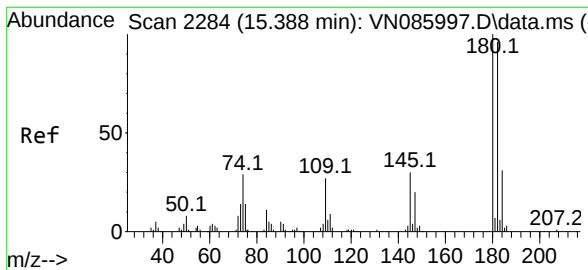
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 103.948 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

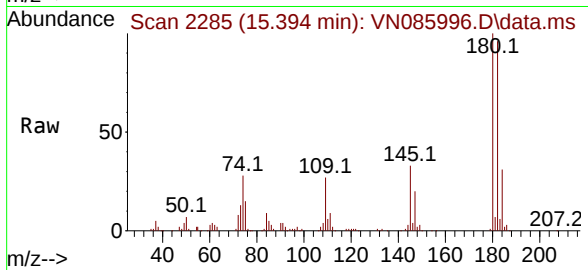
Tgt Ion: 75 Resp: 70713
Ion Ratio Lower Upper
75 100
155 78.6 41.0 123.0
157 101.5 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 111.025 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

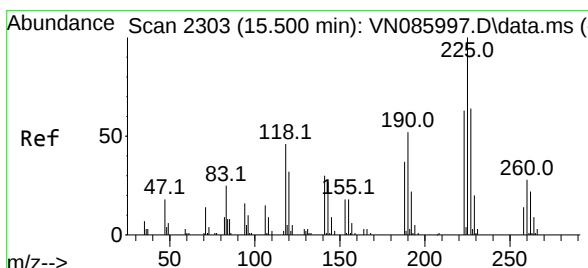
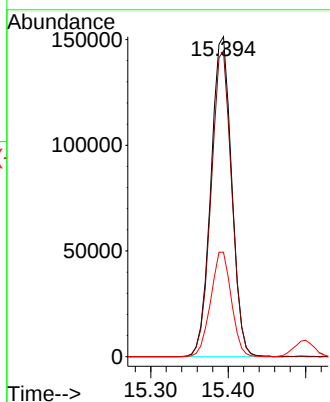
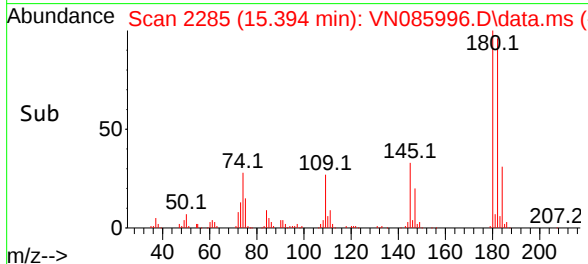
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 28097
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 32.6 15.5 46.5

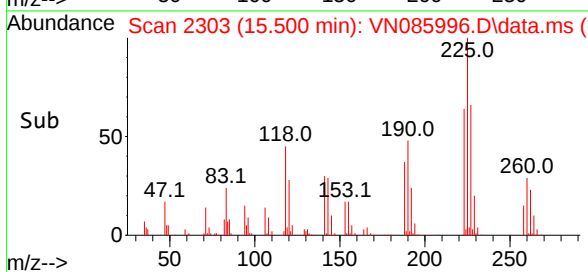
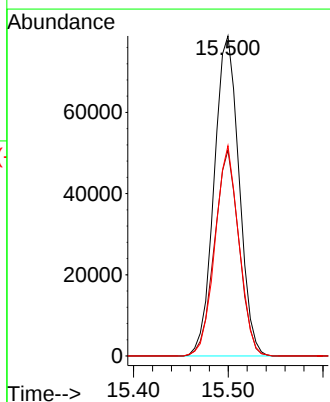
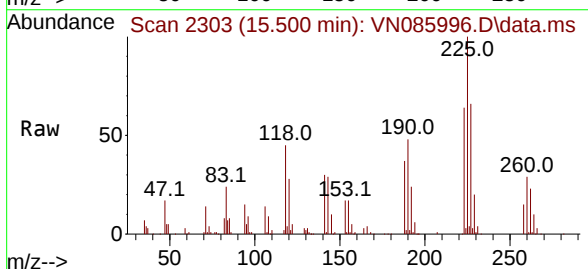
Manual Integrations
APPROVED

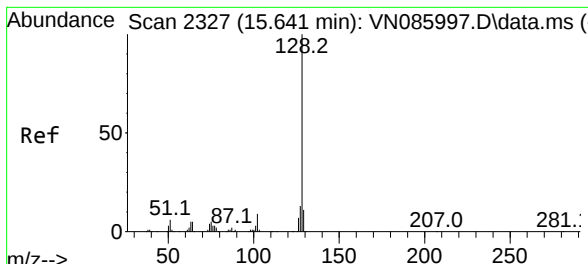
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#94
Hexachlorobutadiene
Concen: 98.130 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion:225 Resp: 144077
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.9
227 62.8 32.1 96.3





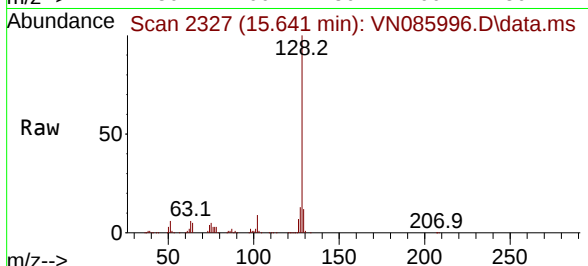
#95
Naphthalene
Concen: 115.132 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



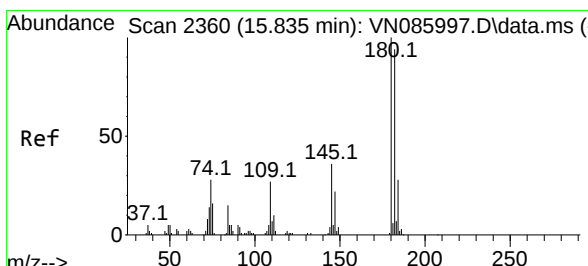
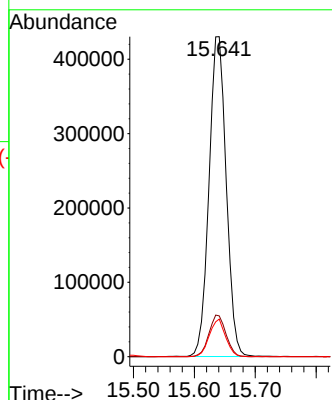
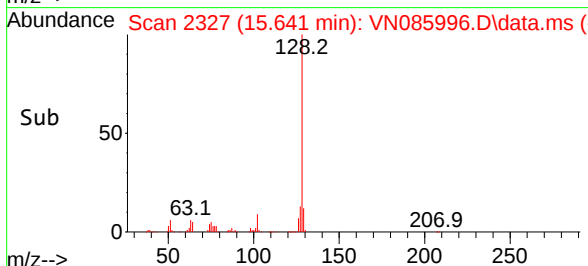
Tgt Ion:	128	Resp:	84369
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.1	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 110.600 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085996.D
Acq: 18 Mar 2025 11:44

Tgt Ion:	180	Resp:	265586
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.5	142.5
145	34.6	17.7	53.1

