

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086331.D
 Acq On : 18 Apr 2025 08:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 02:18:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	236188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161323	47.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.200%		
35) Dibromofluoromethane	8.165	113	91101	46.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.620%		
50) Toluene-d8	10.565	98	510956	48.596	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.200%		
62) 4-Bromofluorobenzene	12.847	95	189798	49.491	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	131229	46.870	ug/l	97
3) Chloromethane	2.359	50	173282	42.584	ug/l	97
4) Vinyl Chloride	2.512	62	168229	43.324	ug/l	99
5) Bromomethane	2.948	94	83048	47.547	ug/l	99
6) Chloroethane	3.118	64	107810	41.484	ug/l	98
7) Trichlorofluoromethane	3.501	101	202647	47.114	ug/l	98
8) Diethyl Ether	3.953	74	83205	44.311	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	121301	46.618	ug/l	98
10) Methyl Iodide	4.583	142	146739	51.295	ug/l	99
11) Tert butyl alcohol	5.512	59	132170	211.503	ug/l	99
12) 1,1-Dichloroethene	4.342	96	124494	44.784	ug/l	98
13) Acrolein	4.177	56	84549	292.731	ug/l	98
14) Allyl chloride	5.018	41	202723	41.022	ug/l	99
15) Acrylonitrile	5.718	53	334611	216.605	ug/l	99
16) Acetone	4.424	43	303596	256.533	ug/l	98
17) Carbon Disulfide	4.712	76	326368	39.209	ug/l	99
18) Methyl Acetate	5.018	43	170333	41.431	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	457681	44.788	ug/l	99
20) Methylene Chloride	5.271	84	140596	44.404	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	130165	44.787	ug/l	98
22) Diisopropyl ether	6.665	45	459761	42.767	ug/l	97
23) Vinyl Acetate	6.600	43	1577409	209.902	ug/l	98
24) 1,1-Dichloroethane	6.565	63	255998	45.132	ug/l	99
25) 2-Butanone	7.477	43	465306	218.264	ug/l	98
26) 2,2-Dichloropropane	7.489	77	234827	46.238	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	162511	45.051	ug/l	97
28) Bromochloromethane	7.812	49	109441	45.505	ug/l	94
29) Tetrahydrofuran	7.836	42	294610	206.660	ug/l	98
30) Chloroform	7.965	83	256332	46.004	ug/l	100
31) Cyclohexane	8.253	56	229811	41.404	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	220499	46.259	ug/l	96
36) 1,1-Dichloropropene	8.371	75	185409	47.185	ug/l	99
37) Ethyl Acetate	7.553	43	178747	43.208	ug/l	100
38) Carbon Tetrachloride	8.359	117	181994	48.635	ug/l	99
39) Methylcyclohexane	9.594	83	214236	45.870	ug/l	97
40) Benzene	8.600	78	584207	46.404	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	104098	43.417	ug/l	99
42) 1,2-Dichloroethane	8.665	62	187542	46.713	ug/l	100
43) Isopropyl Acetate	8.683	43	334414	44.866	ug/l	98
44) Trichloroethene	9.347	130	148399	49.732	ug/l	99
45) 1,2-Dichloropropane	9.618	63	141211	45.822	ug/l	97
46) Dibromomethane	9.706	93	95161	48.464	ug/l	97
47) Bromodichloromethane	9.883	83	203607	48.011	ug/l	98
48) Methyl methacrylate	9.677	41	156079	42.963	ug/l	97
49) 1,4-Dioxane	9.694	88	56065	907.282	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	949075	224.040	ug/l	98
52) Toluene	10.624	92	373968	47.605	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	228890	48.351	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	242944	46.724	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	134314	47.522	ug/l	94
56) Ethyl methacrylate	10.871	69	238214	45.852	ug/l	98
57) 1,3-Dichloropropane	11.159	76	236326	47.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	549395	222.800	ug/l	99
59) 2-Hexanone	11.194	43	701412	223.230	ug/l	100
60) Dibromochloromethane	11.359	129	151587	48.842	ug/l	100
61) 1,2-Dibromoethane	11.465	107	137619	48.256	ug/l	100
64) Tetrachloroethene	11.100	164	148063	51.090	ug/l	98
65) Chlorobenzene	11.888	112	400276	47.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	133163	48.008	ug/l	99
67) Ethyl Benzene	11.959	91	717863	47.313	ug/l	98
68) m/p-Xylenes	12.071	106	550207	96.780	ug/l	98
69) o-Xylene	12.394	106	268046	47.676	ug/l	98
70) Styrene	12.406	104	463582	49.487	ug/l	99
71) Bromoform	12.576	173	101155	48.437	ug/l #	99
73) Isopropylbenzene	12.694	105	670825	45.347	ug/l	100
74) N-amyl acetate	12.488	43	282331	38.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	177345	41.695	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	182484m	42.761	ug/l	
77) Bromobenzene	12.976	156	154897	47.257	ug/l	96
78) n-propylbenzene	13.035	91	799427	45.860	ug/l	100
79) 2-Chlorotoluene	13.123	91	489543	44.880	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	560282	46.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	80439m	45.268	ug/l	
82) 4-Chlorotoluene	13.218	91	500035	46.148	ug/l	99
83) tert-Butylbenzene	13.435	119	469841	44.785	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	568939	46.163	ug/l	100
85) sec-Butylbenzene	13.612	105	674782	46.371	ug/l	99
86) p-Isopropyltoluene	13.723	119	571163	47.619	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	301429	48.920	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	298877	48.158	ug/l	98
89) n-Butylbenzene	14.053	91	510444	48.012	ug/l	99
90) Hexachloroethane	14.329	117	92297	45.748	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	290139	48.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38381	44.752	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	141849	49.588	ug/l	99
94) Hexachlorobutadiene	15.494	225	54183	50.177	ug/l	99
95) Naphthalene	15.635	128	471384	46.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	130375	48.140	ug/l	99

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VSTDCCC050

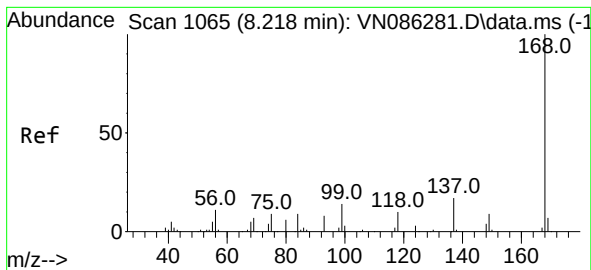
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/21/2025

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

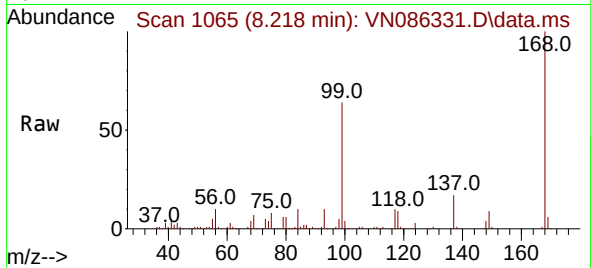
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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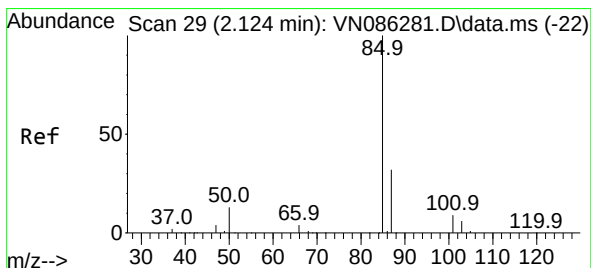
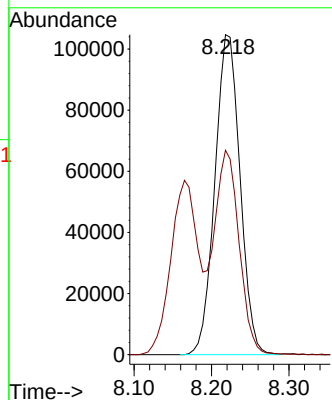
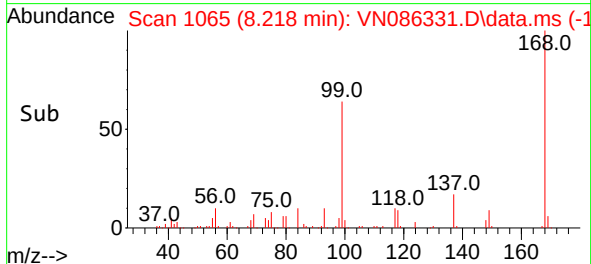
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 236188
Ion Ratio Lower Upper
168 100
99 63.7 52.5 78.7

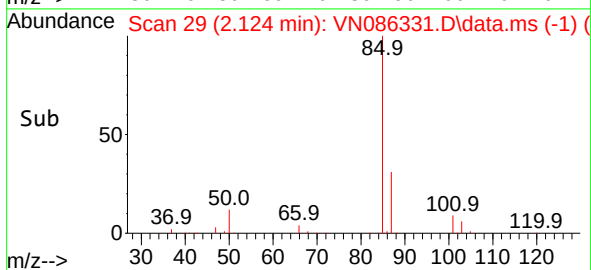
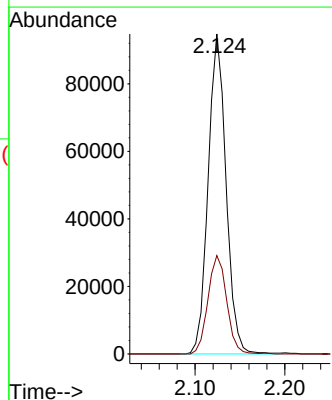
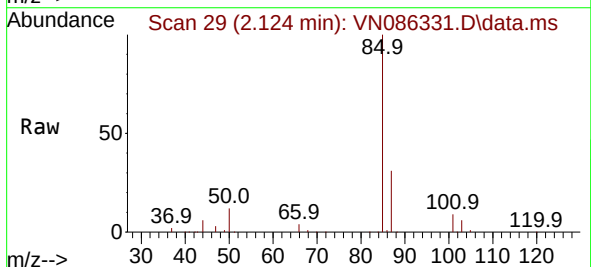
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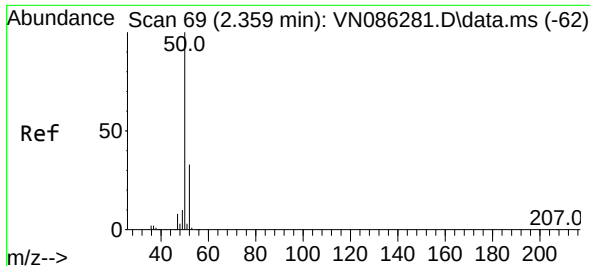
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#2
Dichlorodifluoromethane
Concen: 46.870 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

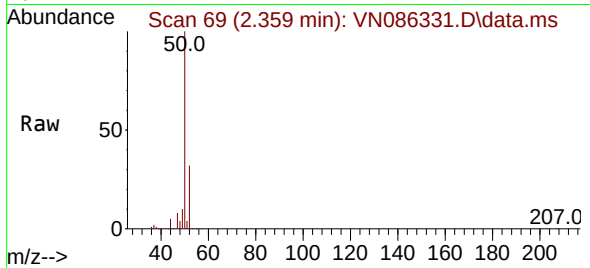
Tgt Ion: 85 Resp: 131229
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.8





#3
Chloromethane
Concen: 42.584 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

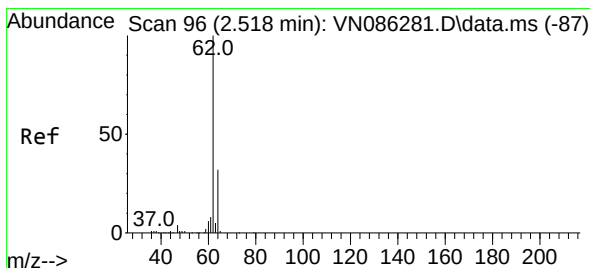
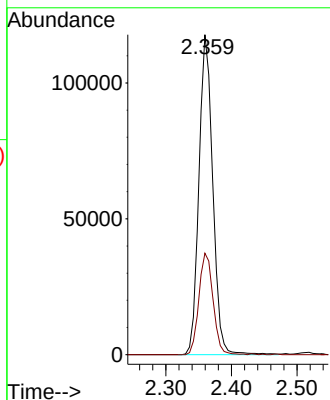
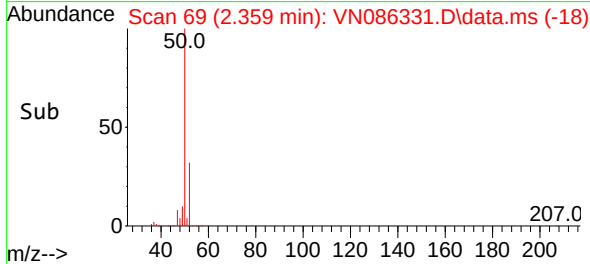
Instrument :
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Tgt Ion: 50 Resp: 17328
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

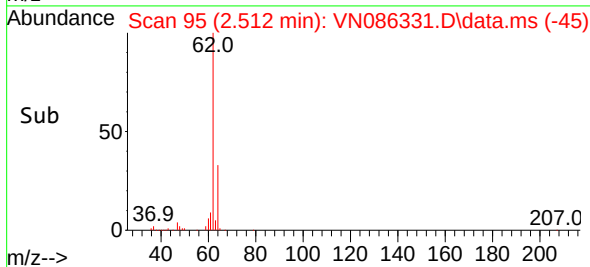
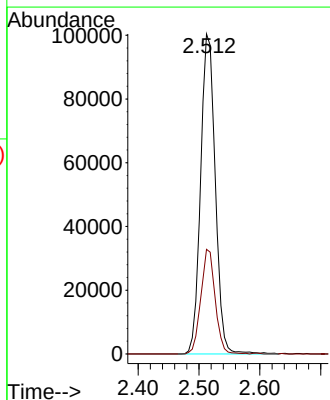
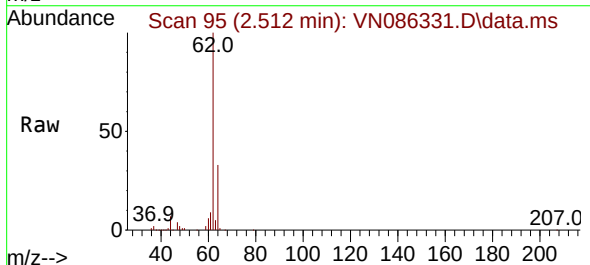
Manual Integrations
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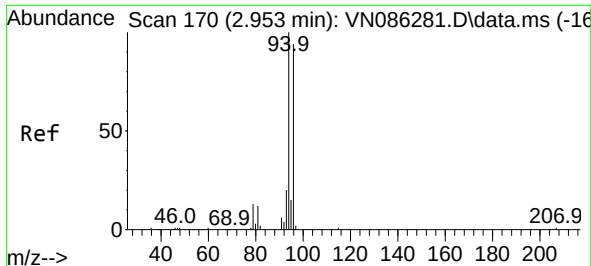
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#4
Vinyl Chloride
Concen: 43.324 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

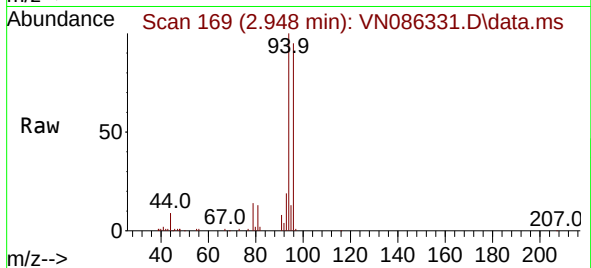
Tgt Ion: 62 Resp: 168229
Ion Ratio Lower Upper
62 100
64 32.7 25.6 38.4





#5
Bromomethane
Concen: 47.547 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN086331.D
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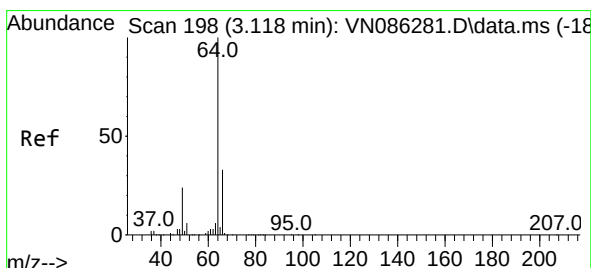
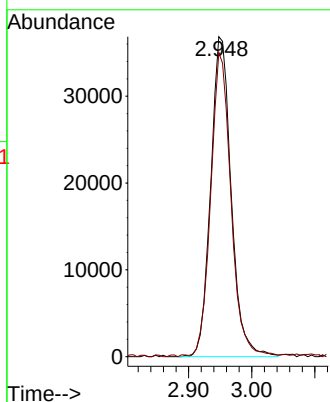
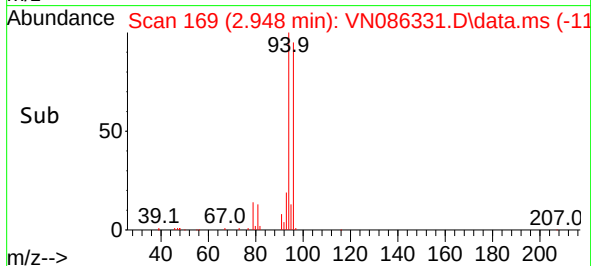
Instrument :
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Tgt Ion: 94 Resp: 83048
Ion Ratio Lower Upper
94 100
96 95.0 75.2 112.8

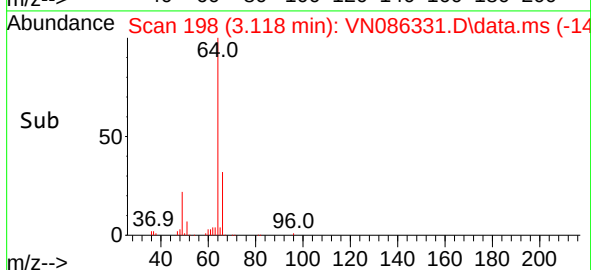
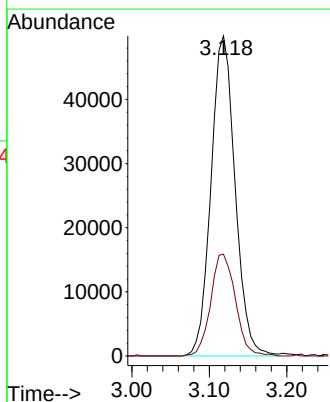
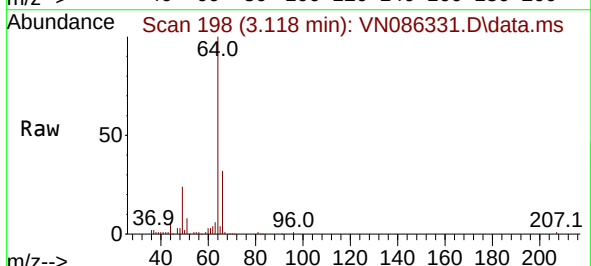
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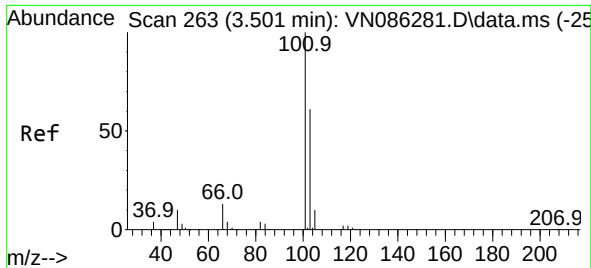
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#6
Chloroethane
Concen: 41.484 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086331.D
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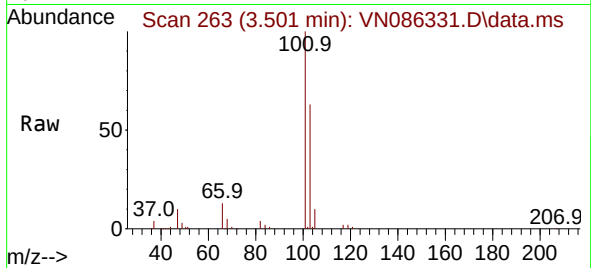
Tgt Ion: 64 Resp: 107810
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 47.114 ug/l
 RT: 3.501 min Scan# 20264
 Delta R.T. 0.000 min
 Lab File: VN086331.D
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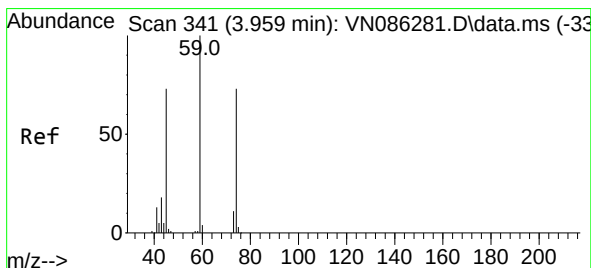
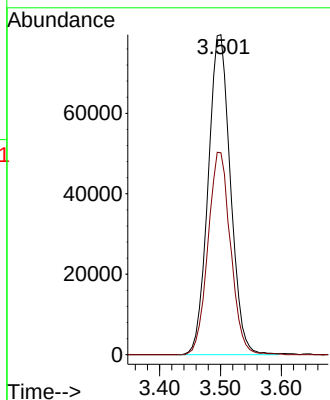
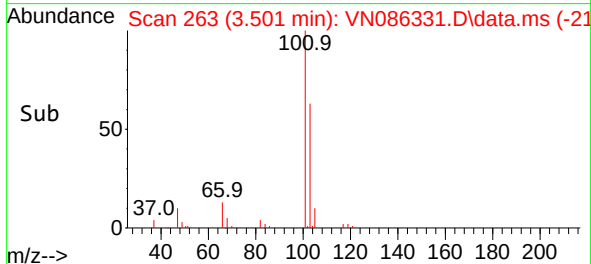
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 20264
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.2 73.8

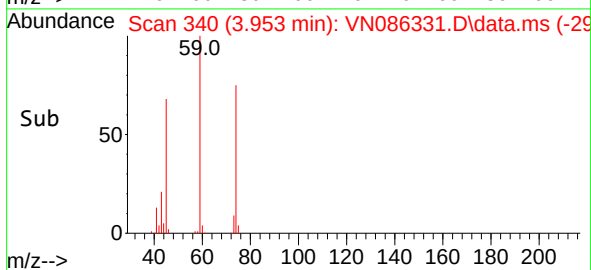
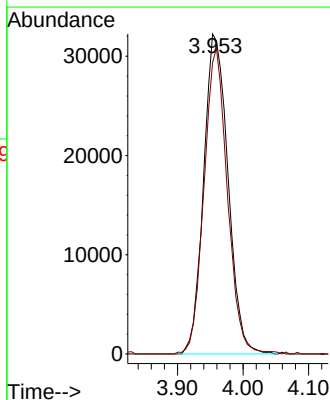
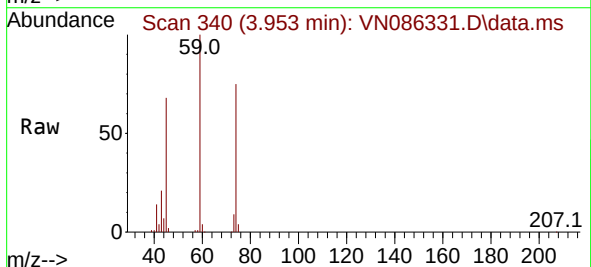
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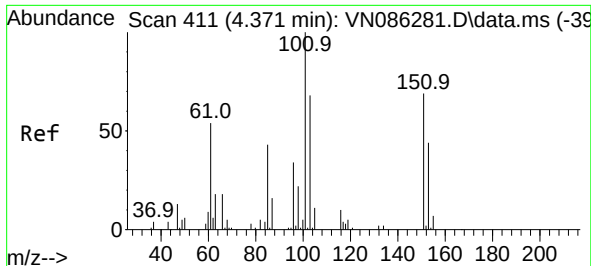
Reviewed By :John Carlone 04/21/2025
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#8
 Diethyl Ether
 Concen: 44.311 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 83205
 Ion Ratio Lower Upper
 74 100
 45 91.8 48.0 144.2





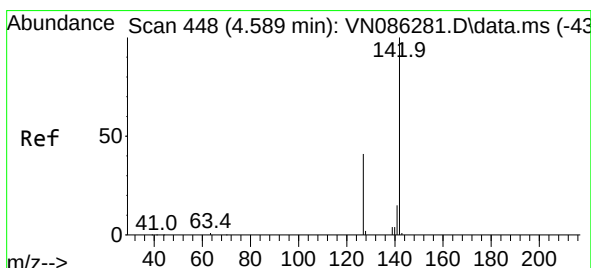
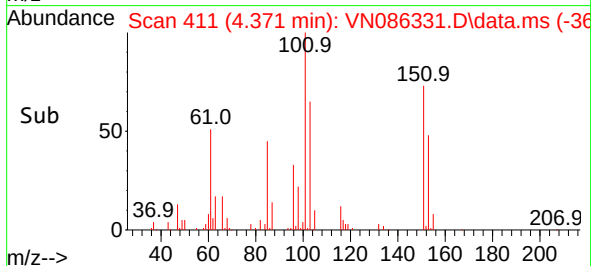
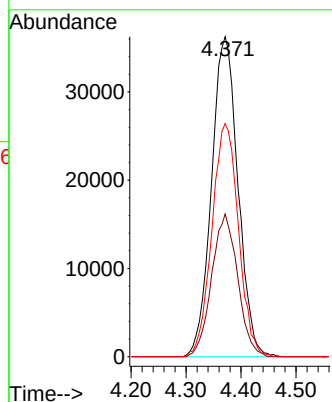
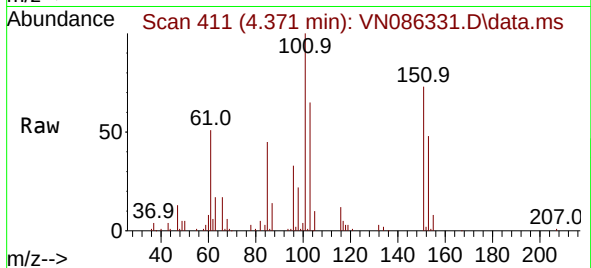
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.618 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086331.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12130
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 73.0 56.1 84.1

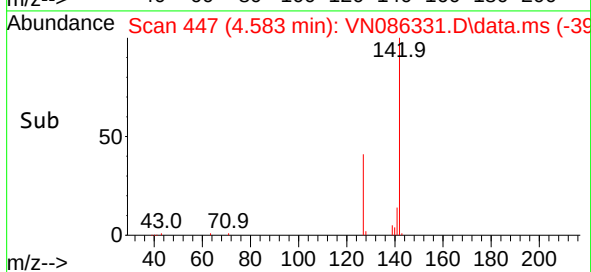
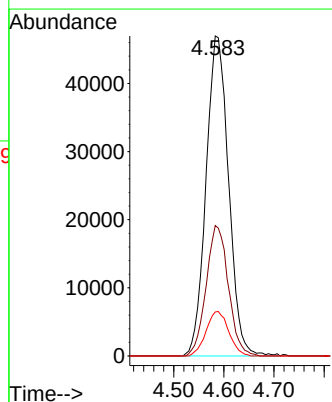
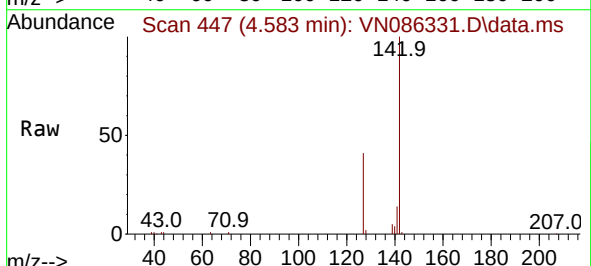
Manual Integrations
APPROVED

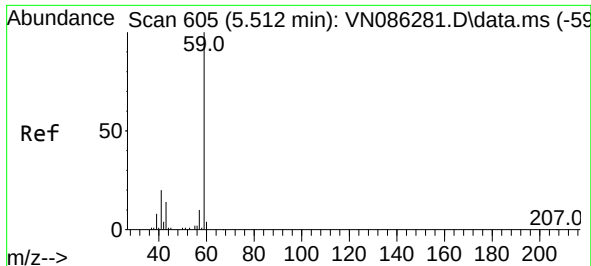
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#10
Methyl Iodide
Concen: 51.295 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

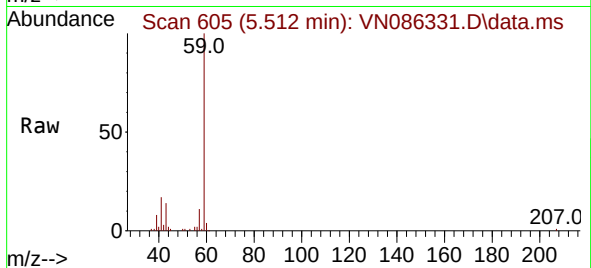
Tgt Ion:142 Resp: 146739
Ion Ratio Lower Upper
142 100
127 40.8 32.7 49.1
141 13.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 211.503 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

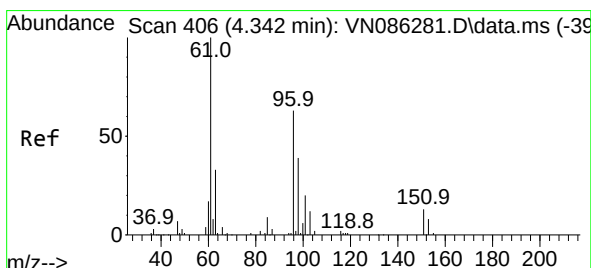
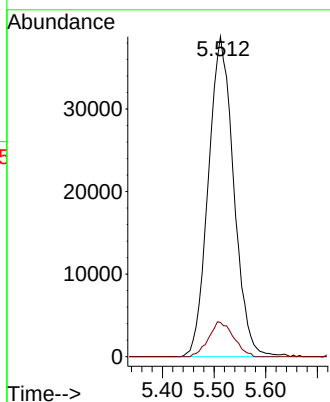
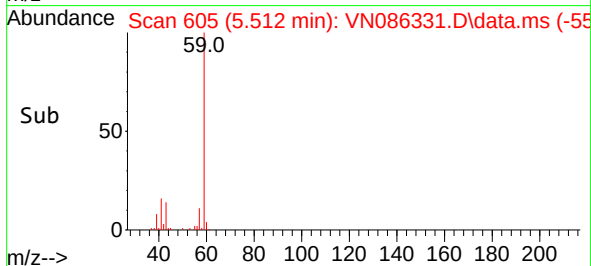
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



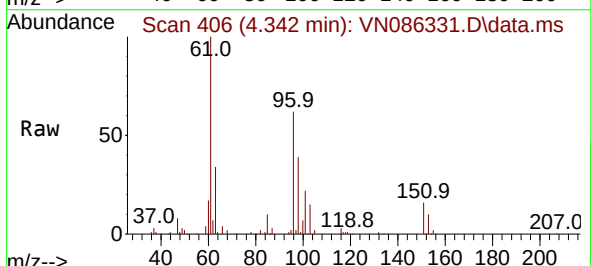
Tgt Ion: 59 Resp: 132170
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

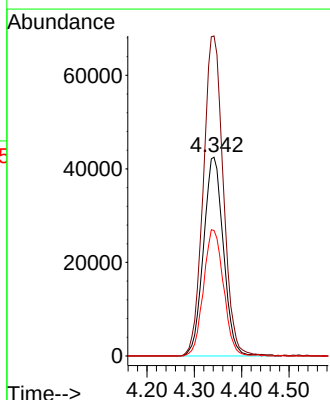
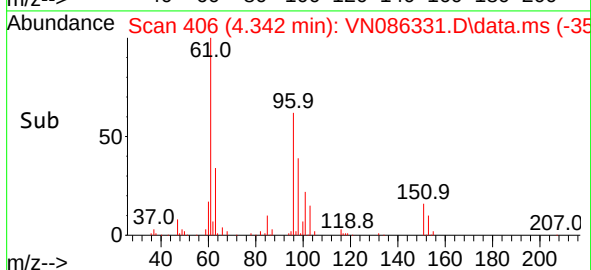
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

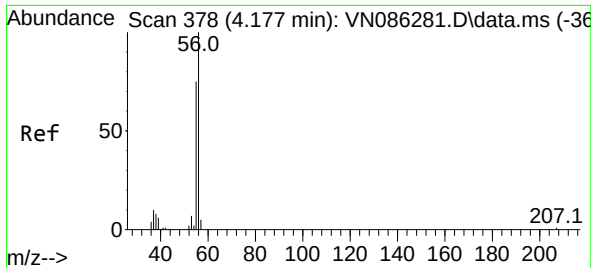


#12
1,1-Dichloroethene
Concen: 44.784 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



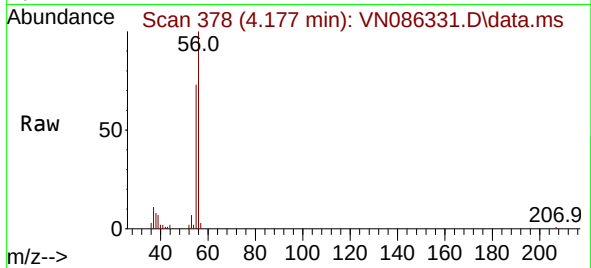
Tgt Ion: 96 Resp: 124494
Ion Ratio Lower Upper
96 100
61 161.0 126.6 189.8
98 63.1 49.6 74.4





#13
Acrolein
Concen: 292.731 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

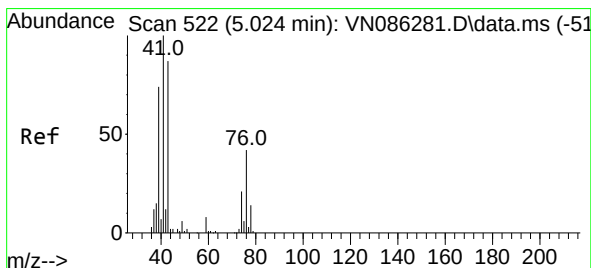
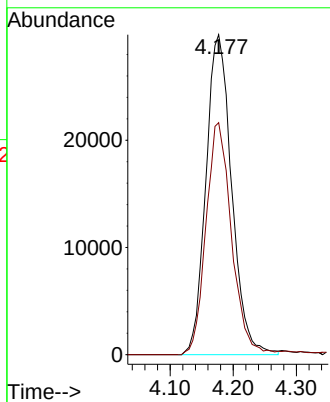
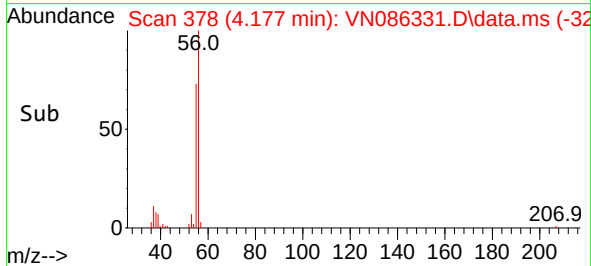
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 84549
Ion Ratio Lower Upper
56 100
55 71.8 58.5 87.7

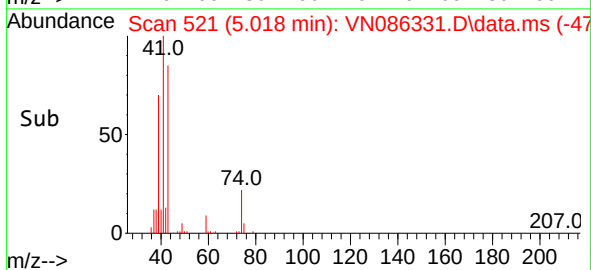
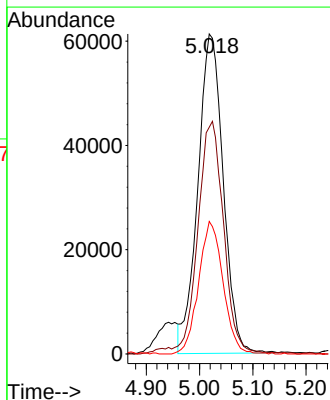
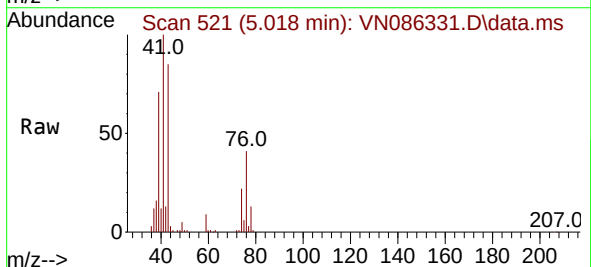
Manual Integrations
APPROVED

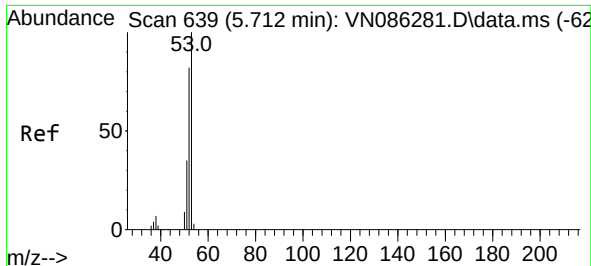
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#14
Allyl chloride
Concen: 41.022 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

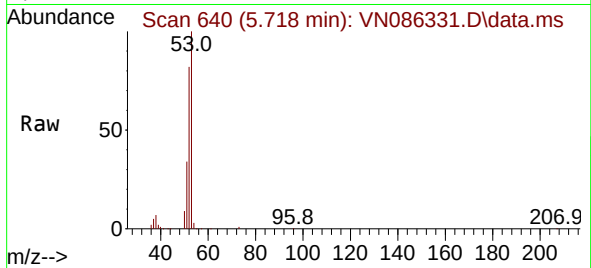
Tgt Ion: 41 Resp: 202723
Ion Ratio Lower Upper
41 100
39 74.8 59.2 88.8
76 40.0 31.2 46.8





#15
Acrylonitrile
Concen: 216.605 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

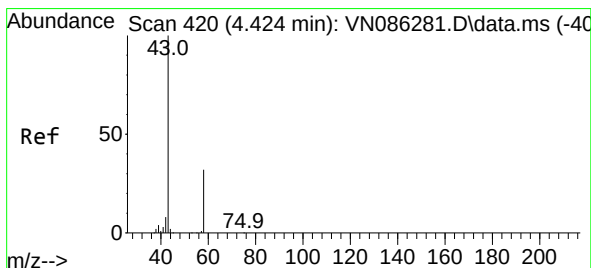
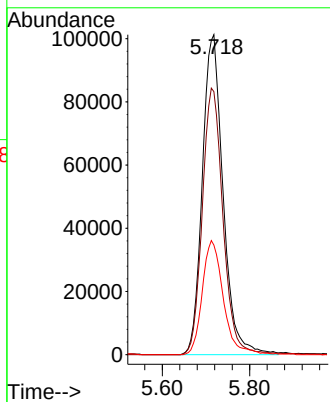
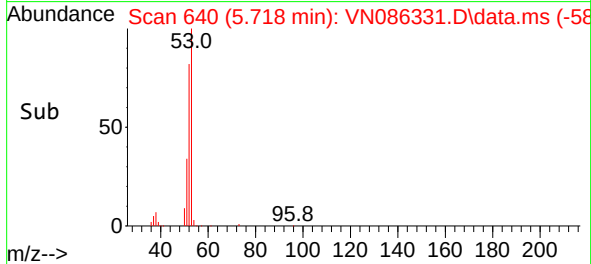
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 33461
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 36.3 28.6 42.8

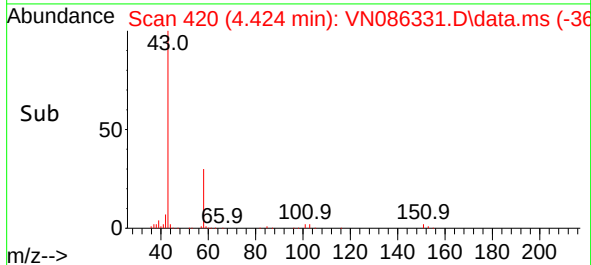
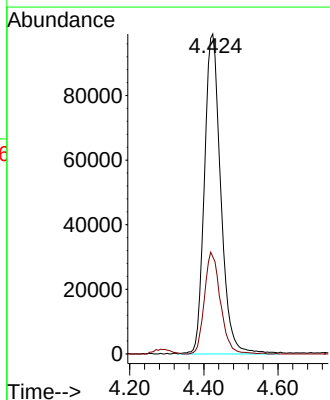
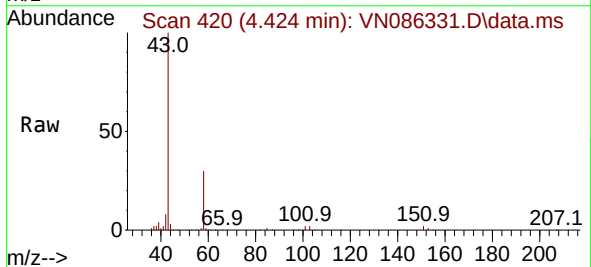
Manual Integrations
APPROVED

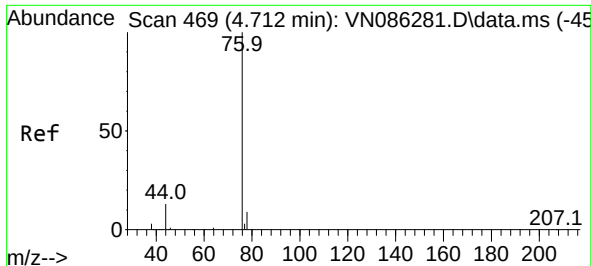
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#16
Acetone
Concen: 256.533 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

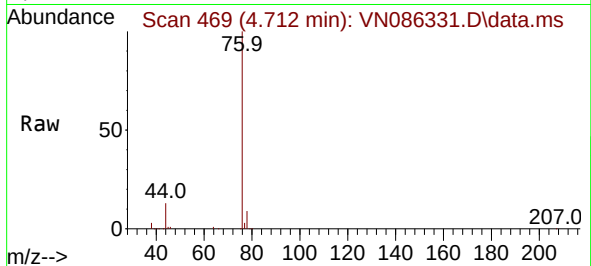
Tgt Ion: 43 Resp: 303596
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9





#17
Carbon Disulfide
Concen: 39.209 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

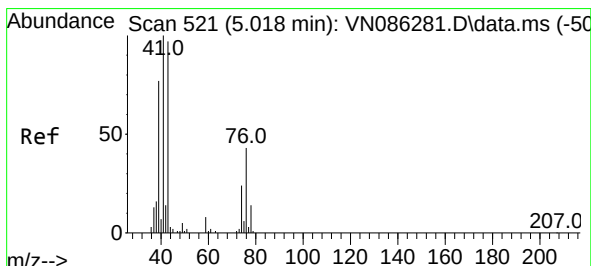
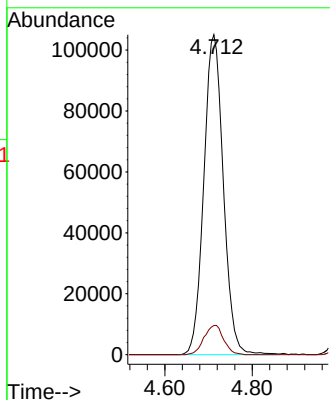
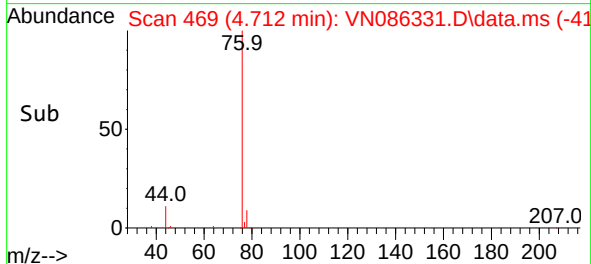
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 326368
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

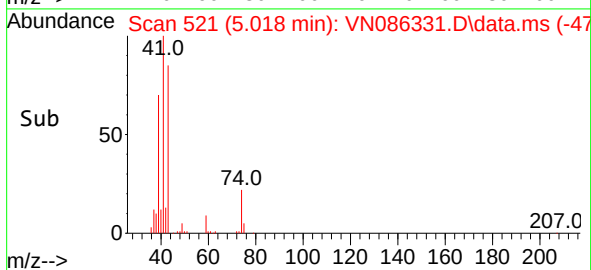
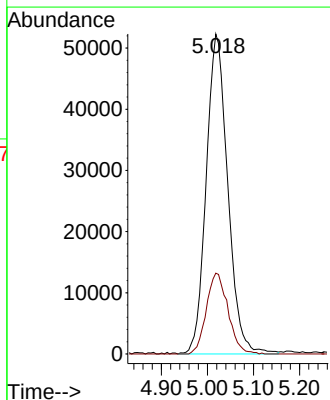
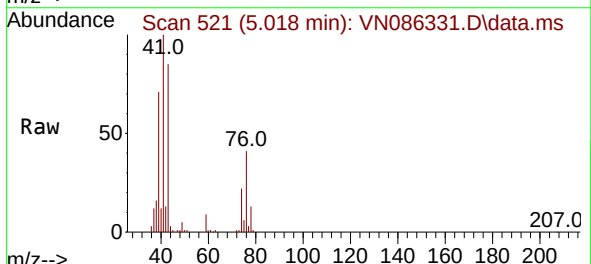
Manual Integrations
APPROVED

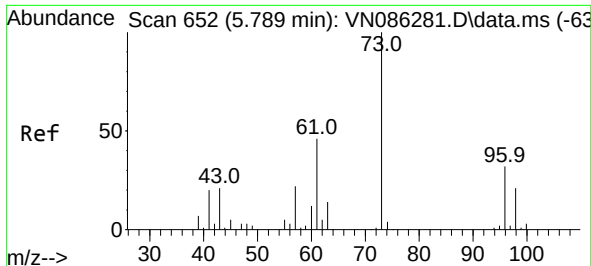
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#18
Methyl Acetate
Concen: 41.431 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion: 43 Resp: 170333
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6





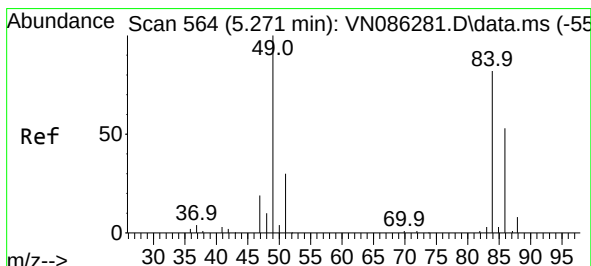
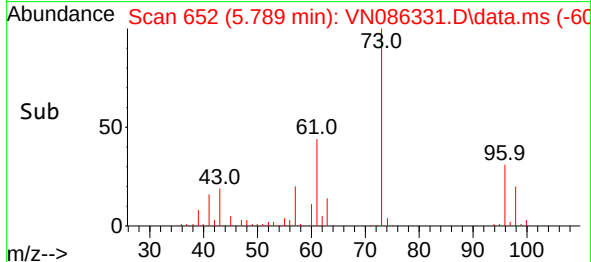
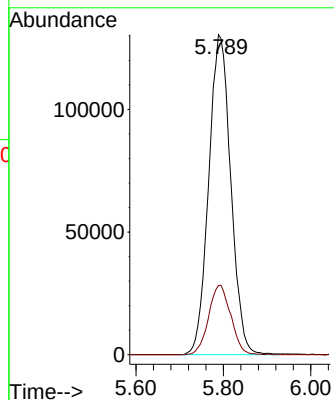
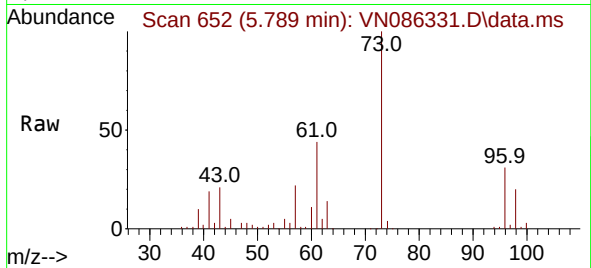
#19
Methyl tert-butyl Ether
Concen: 44.788 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 45768
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

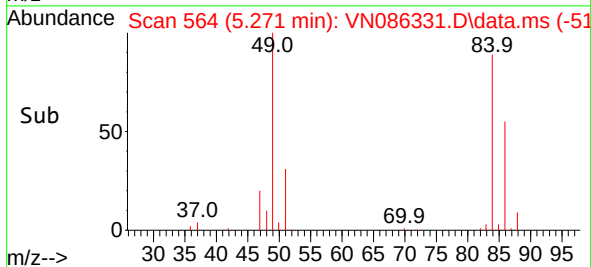
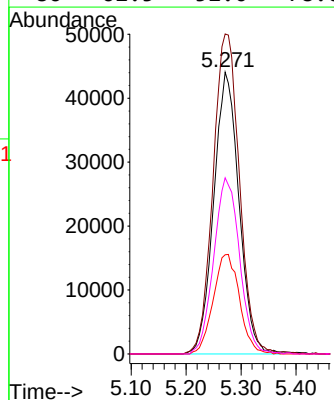
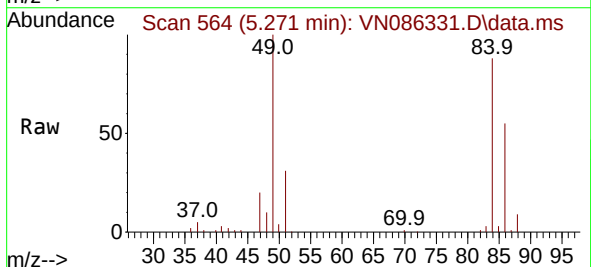
Manual Integrations
APPROVED

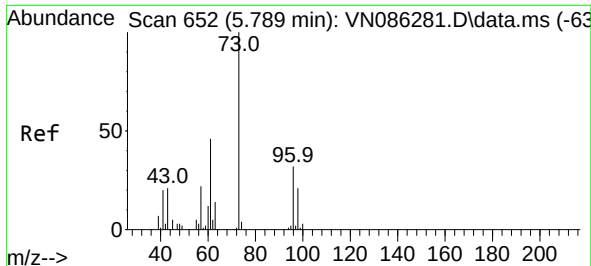
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#20
Methylene Chloride
Concen: 44.404 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

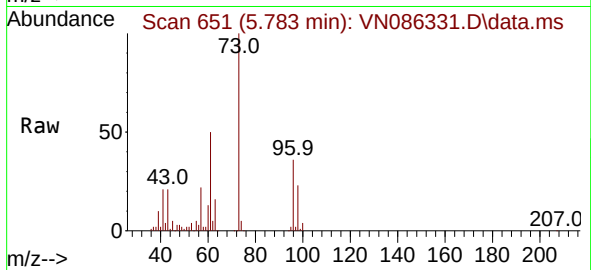
Tgt Ion: 84 Resp: 140596
Ion Ratio Lower Upper
84 100
49 113.6 98.2 147.2
51 35.2 29.8 44.6
86 62.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 44.787 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

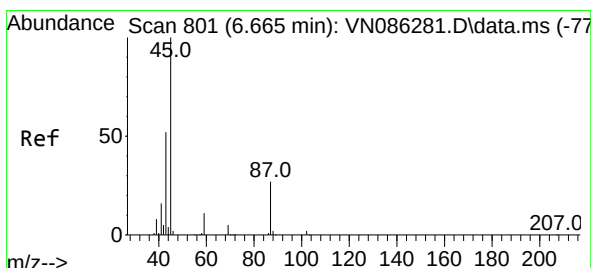
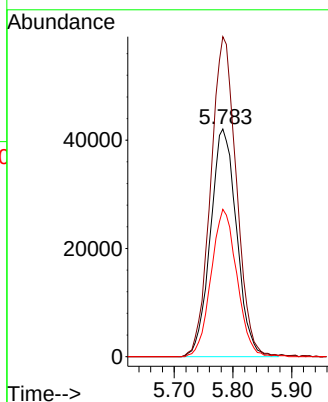
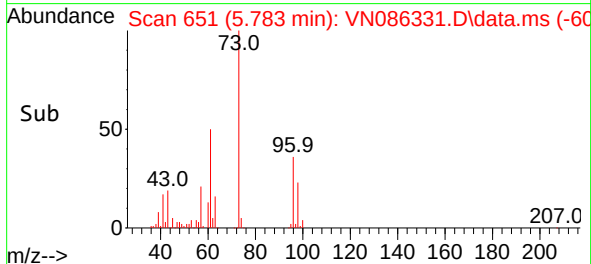
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13016
Ion Ratio Lower Upper
96 100
61 140.6 114.6 171.8
98 64.7 51.2 76.8

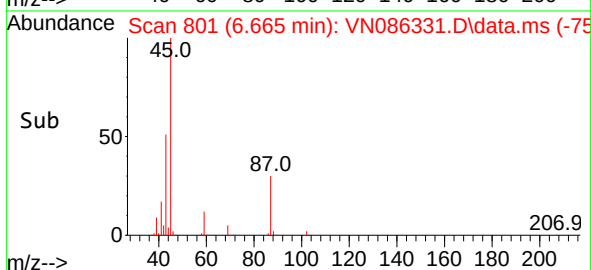
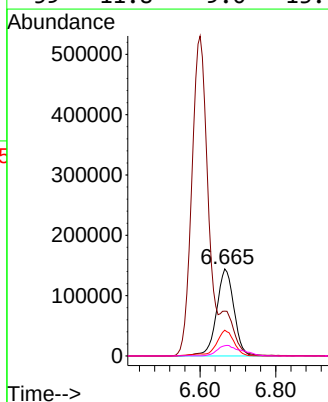
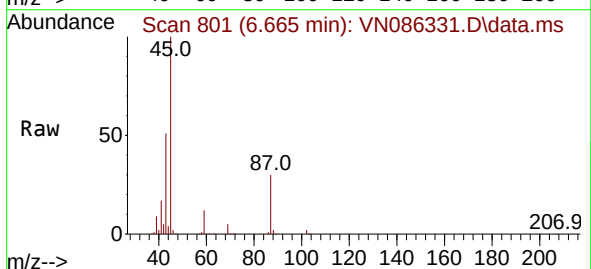
Manual Integrations
APPROVED

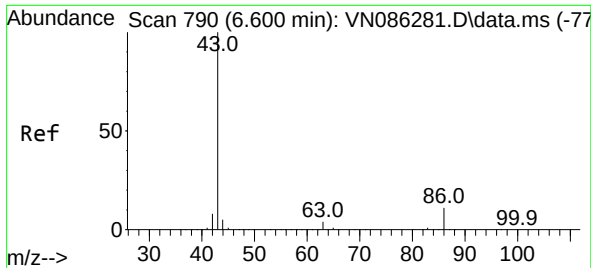
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#22
Diisopropyl ether
Concen: 42.767 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion: 45 Resp: 459761
Ion Ratio Lower Upper
45 100
43 50.7 41.8 62.8
87 29.6 21.6 32.4
59 11.8 9.0 13.4





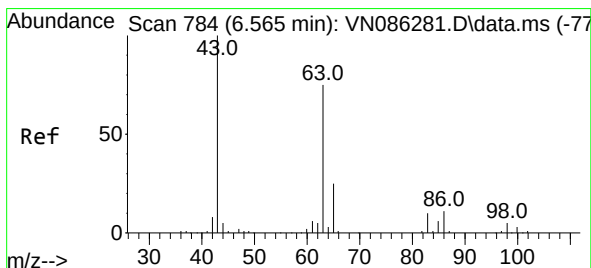
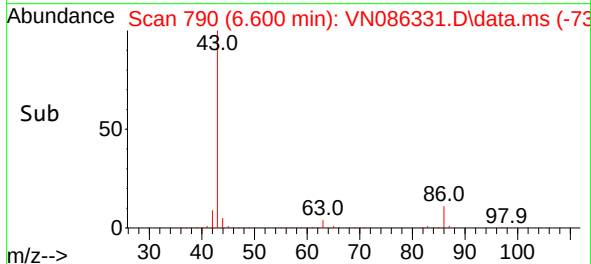
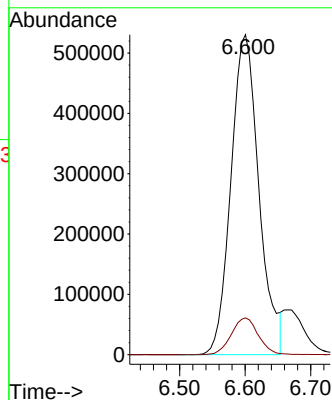
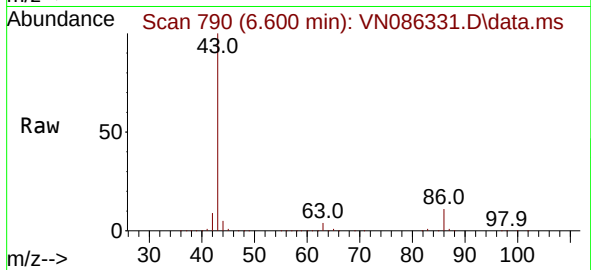
#23
 Vinyl Acetate
 Concen: 209.902 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086331.D
 Acq: 18 Apr 2025 08:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1577409
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

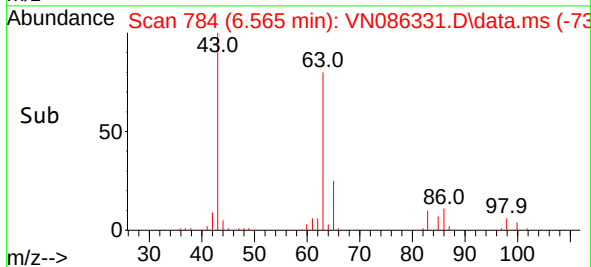
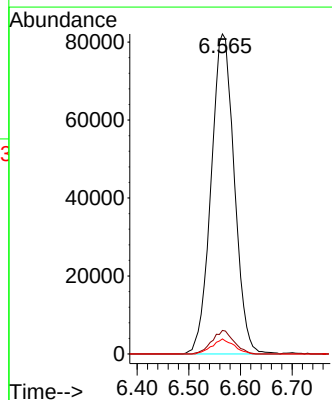
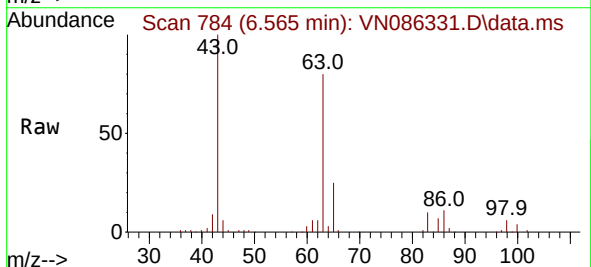
Manual Integrations
 APPROVED

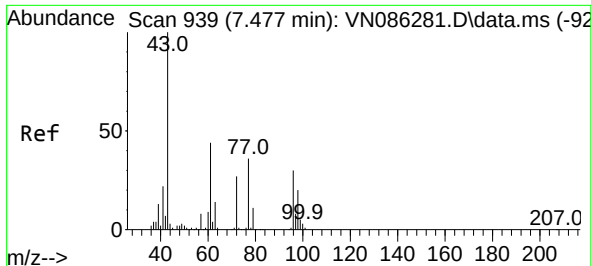
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#24
 1,1-Dichloroethane
 Concen: 45.132 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086331.D
 Acq: 18 Apr 2025 08:47

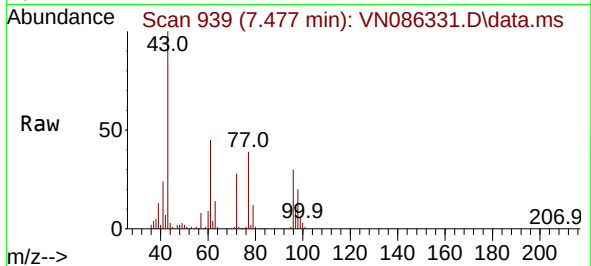
Tgt Ion: 63 Resp: 255998
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 218.264 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

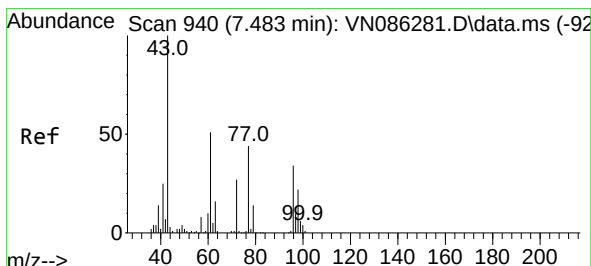
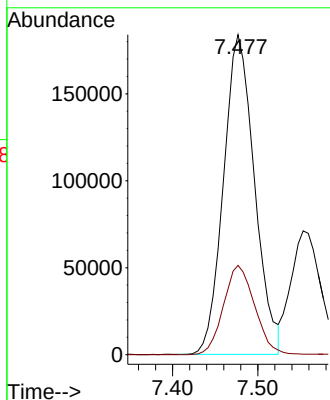
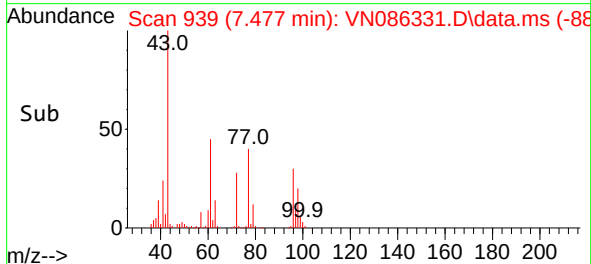
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



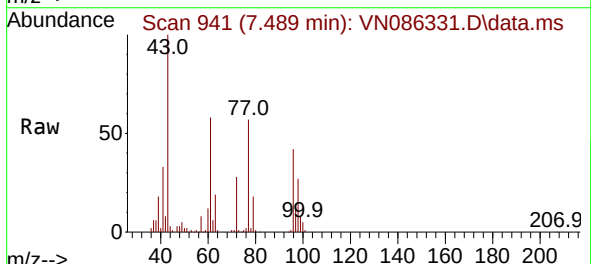
Tgt Ion: 43 Resp: 465300
Ion Ratio Lower Upper
43 100
72 27.9 21.7 32.5

Manual Integrations
APPROVED

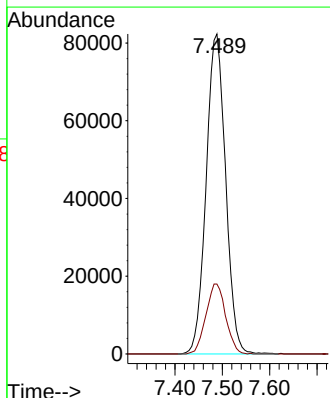
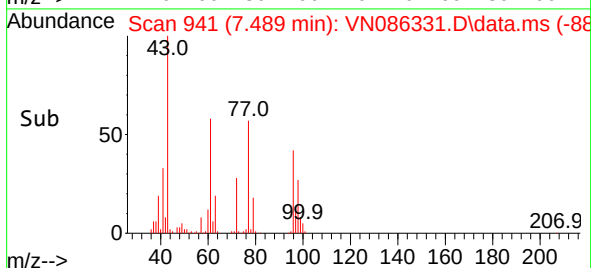
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

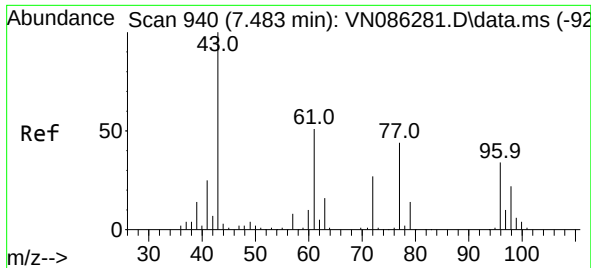


#26
2,2-Dichloropropane
Concen: 46.238 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



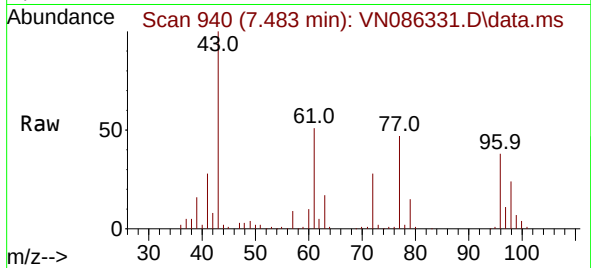
Tgt Ion: 77 Resp: 234827
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 45.051 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086331.D
 Acq: 18 Apr 2025 08:47

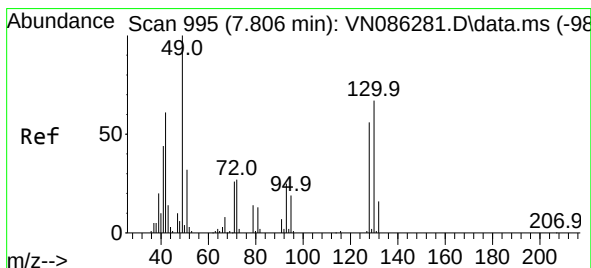
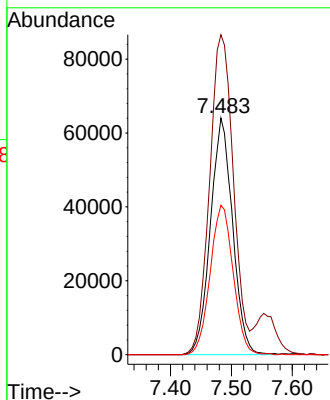
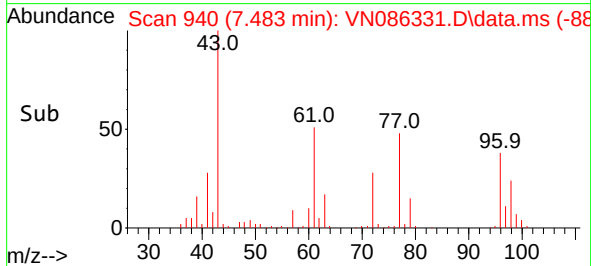
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 16251
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 299.0
 98 65.4 0.0 129.6

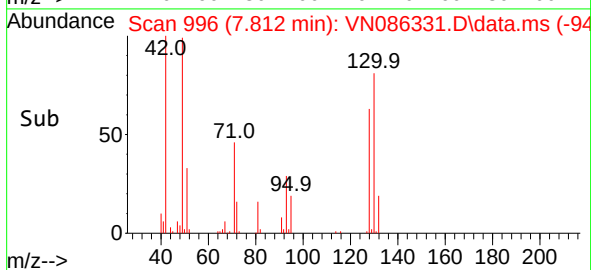
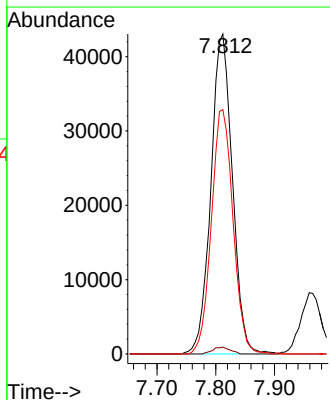
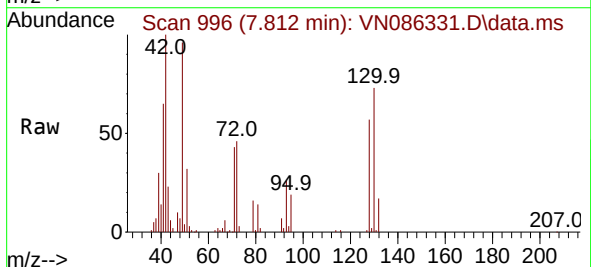
Manual Integrations
 APPROVED

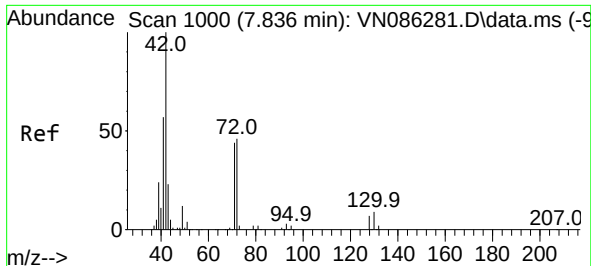
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#28
 Bromochloromethane
 Concen: 45.505 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086331.D
 Acq: 18 Apr 2025 08:47

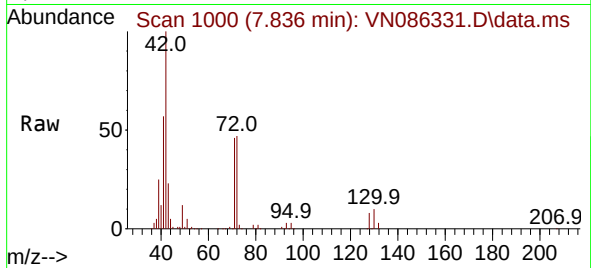
Tgt Ion: 49 Resp: 109441
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 76.9 57.1 85.7





#29
Tetrahydrofuran
Concen: 206.660 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

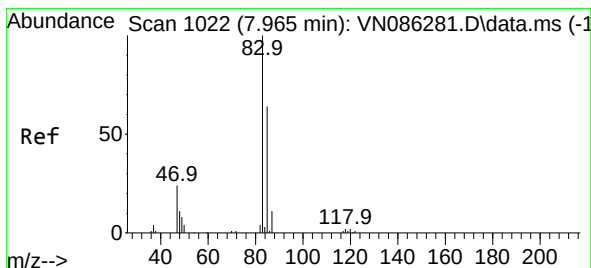
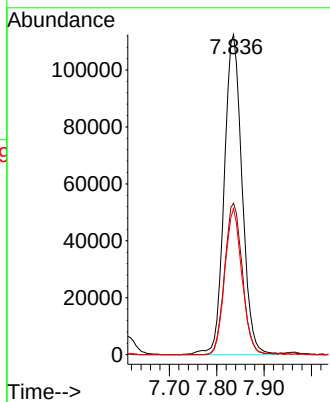
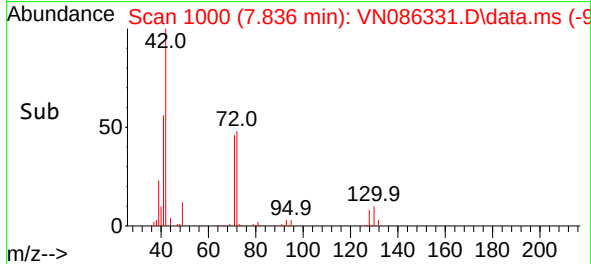
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 294610
Ion Ratio Lower Upper
42 100
72 46.7 36.2 54.4
71 44.2 34.0 51.0

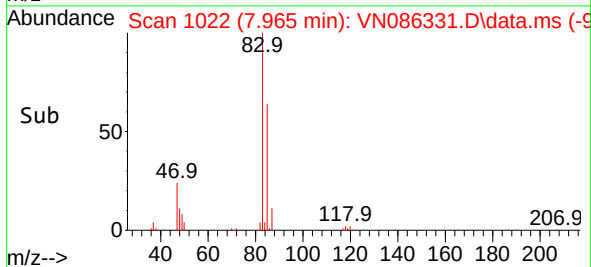
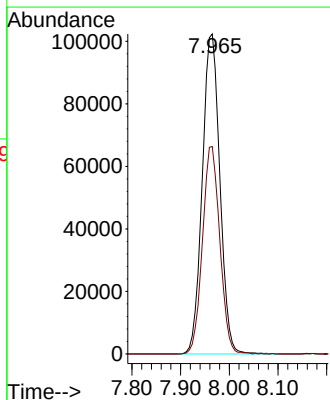
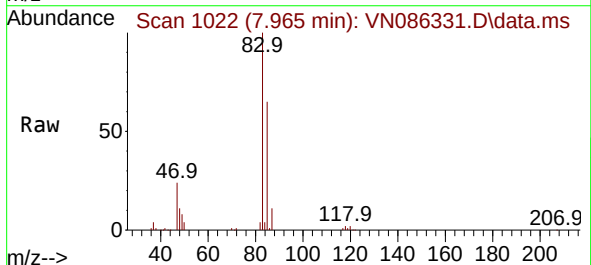
Manual Integrations
APPROVED

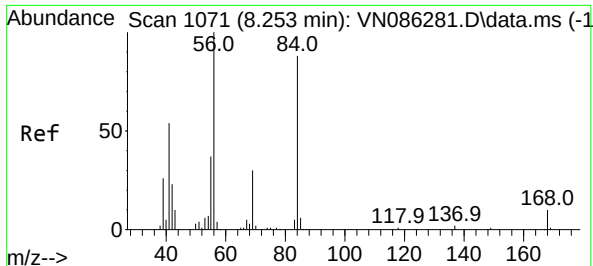
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#30
Chloroform
Concen: 46.004 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

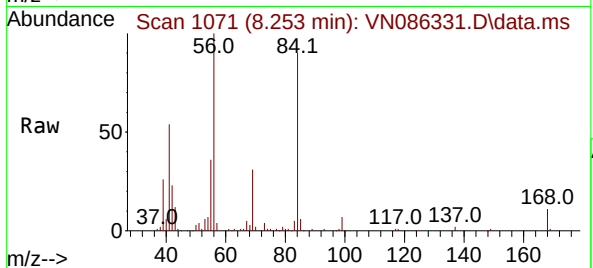
Tgt Ion: 83 Resp: 256332
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3





#31
Cyclohexane
Concen: 41.404 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

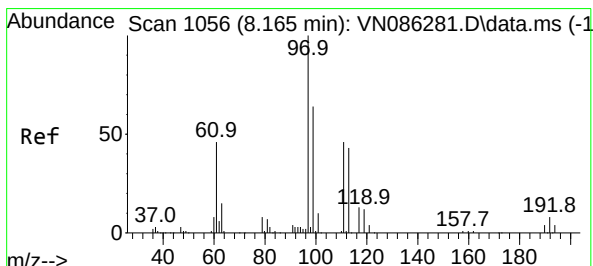
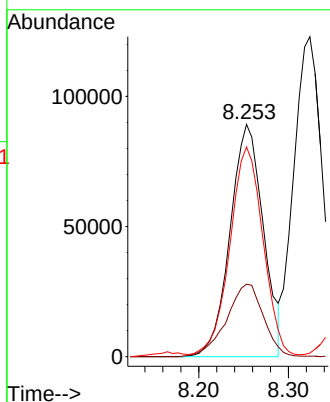
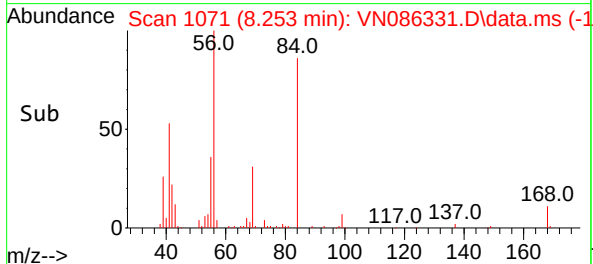
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



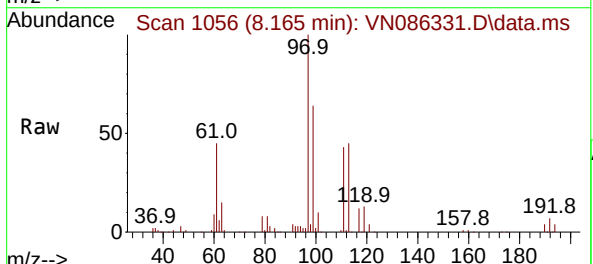
Tgt Ion: 56 Resp: 22981
Ion Ratio Lower Upper
56 100
69 31.2 24.2 36.2
84 88.7 70.3 105.5

Manual Integrations
APPROVED

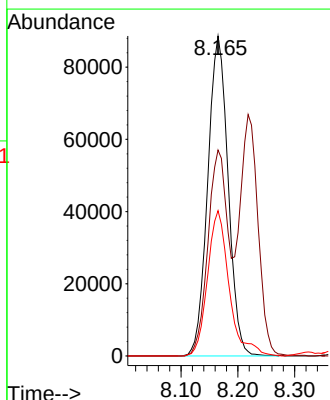
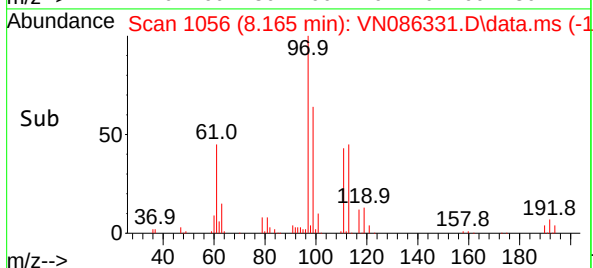
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

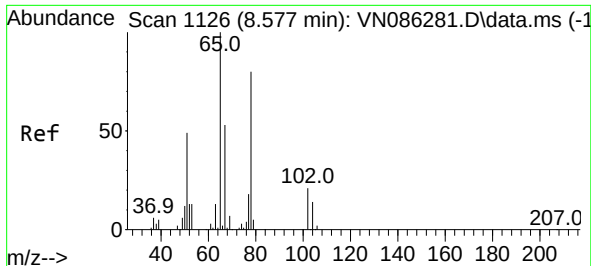


#32
1,1,1-Trichloroethane
Concen: 46.259 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



Tgt Ion: 97 Resp: 220499
Ion Ratio Lower Upper
97 100
99 61.9 52.7 79.1
61 48.3 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 47.102 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16132

Ion Ratio Lower Upper

65 100

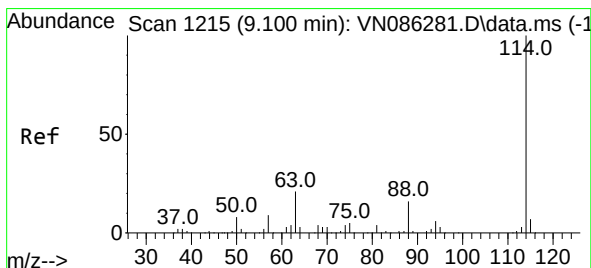
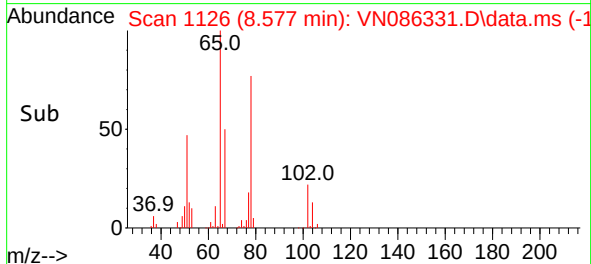
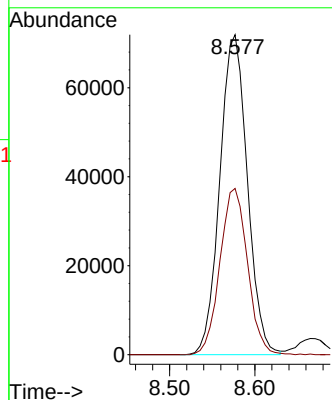
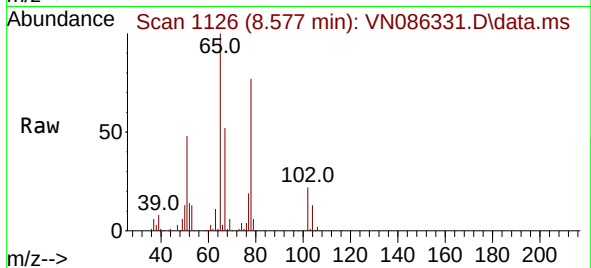
67 52.0 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

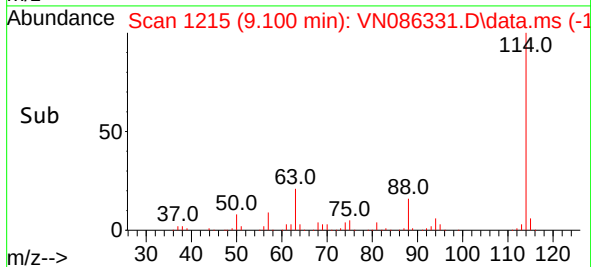
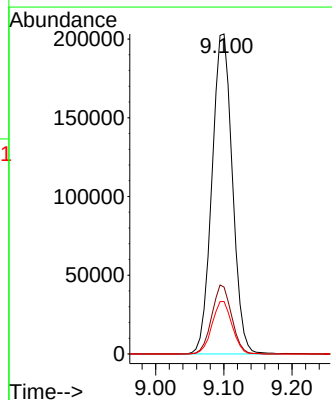
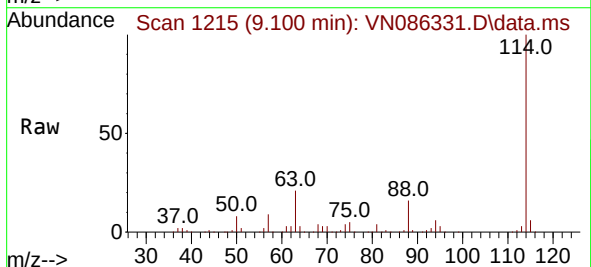
Tgt Ion:114 Resp: 423889

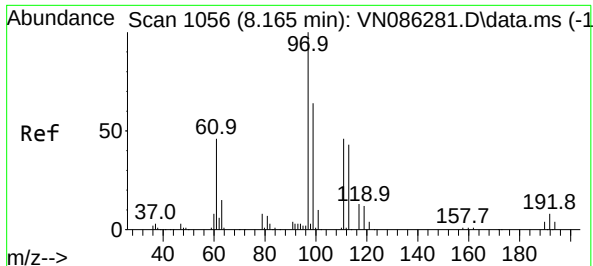
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

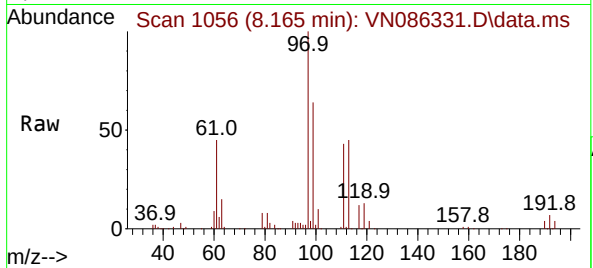
88 16.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.307 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

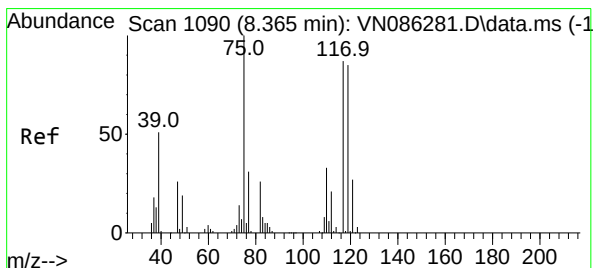
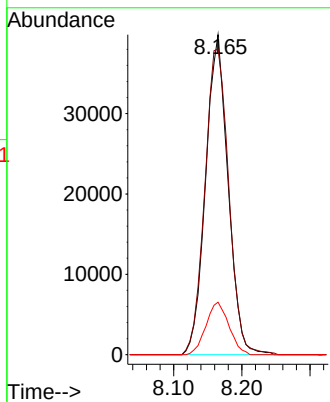
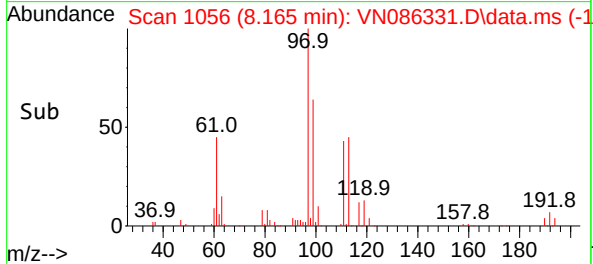
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 9110
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 16.8 13.7 20.5

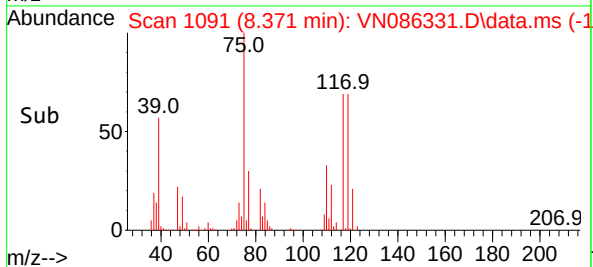
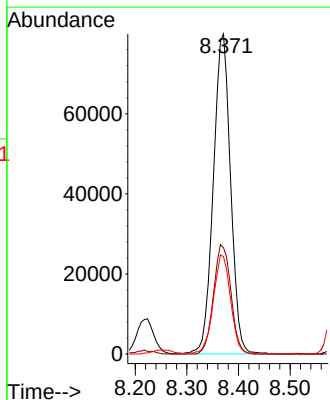
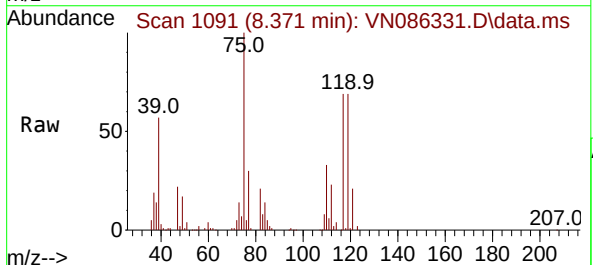
Manual Integrations
APPROVED

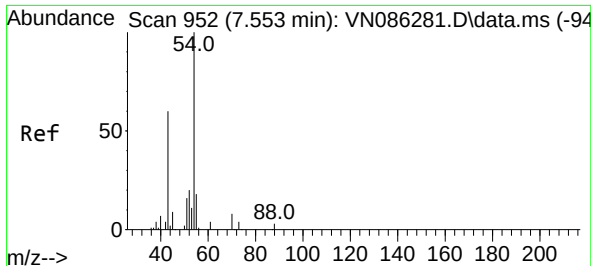
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#36
1,1-Dichloropropene
Concen: 47.185 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion: 75 Resp: 185409
Ion Ratio Lower Upper
75 100
110 34.3 16.8 50.4
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 43.208 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 17874

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

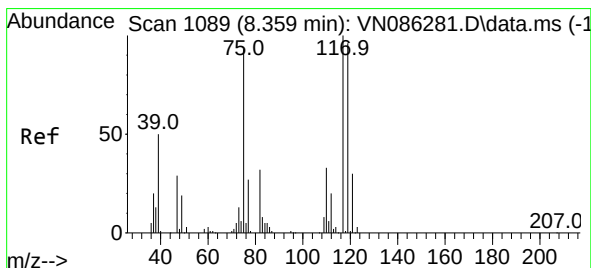
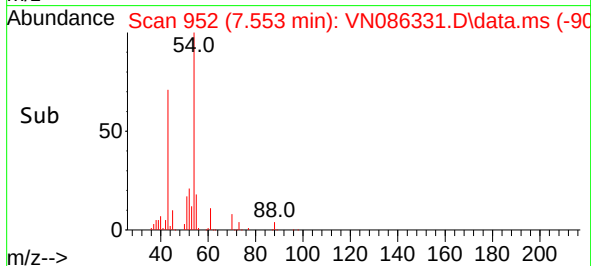
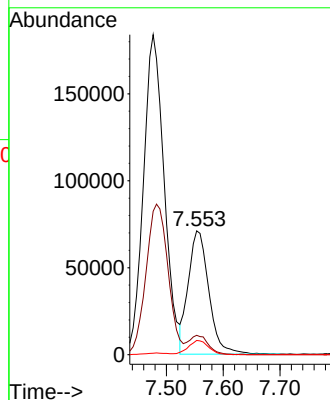
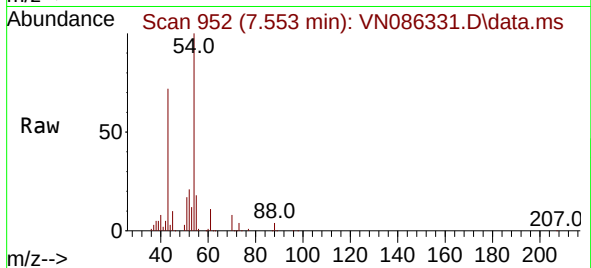
70 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#38

Carbon Tetrachloride

Concen: 48.635 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

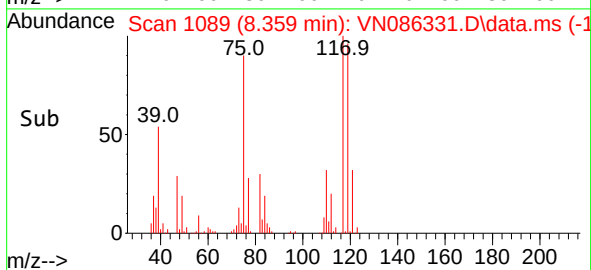
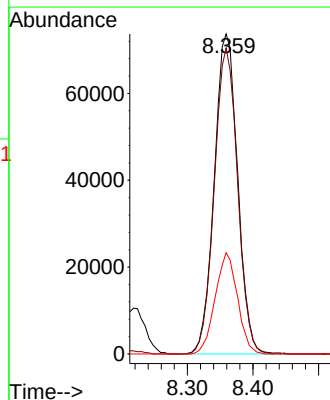
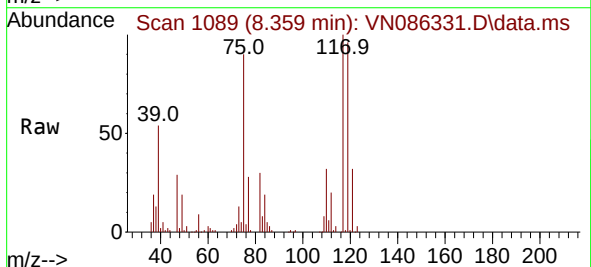
Tgt Ion:117 Resp: 181994

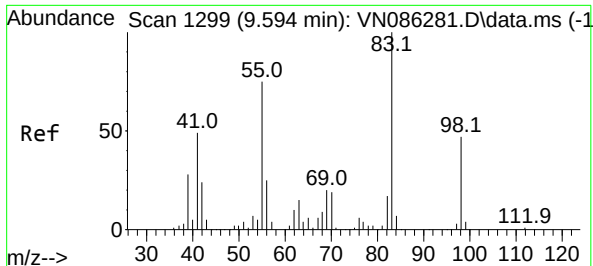
Ion Ratio Lower Upper

117 100

119 95.6 76.8 115.2

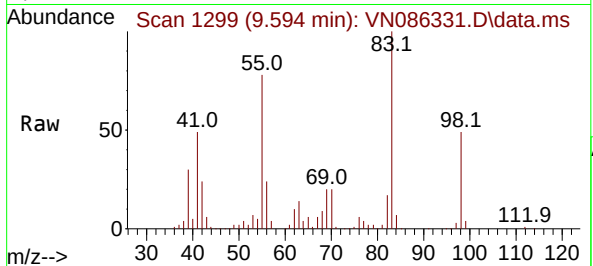
121 31.6 23.8 35.8





#39
Methylcyclohexane
Concen: 45.870 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

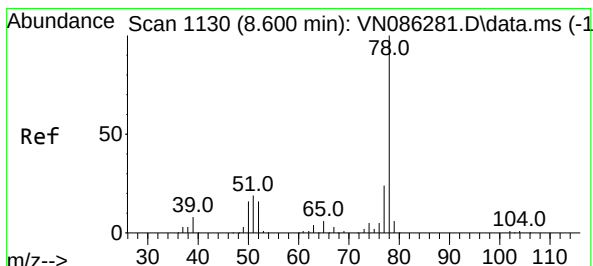
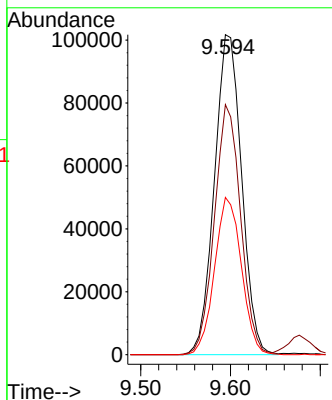
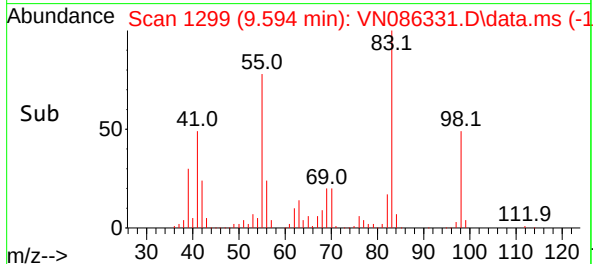
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



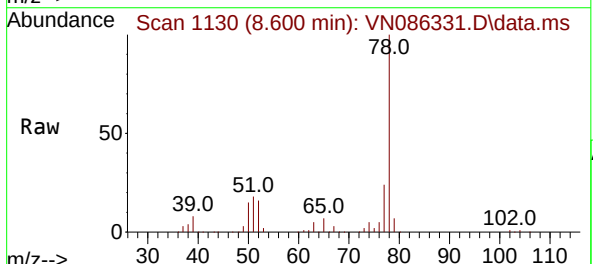
Tgt Ion: 83 Resp: 214230
Ion Ratio Lower Upper
83 100
55 78.1 59.8 89.8
98 49.1 37.9 56.9

Manual Integrations
APPROVED

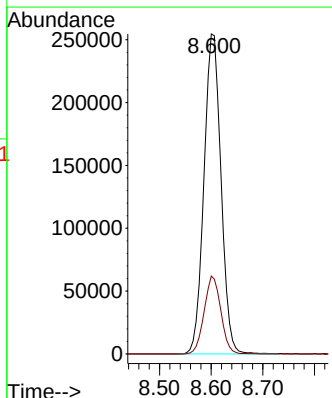
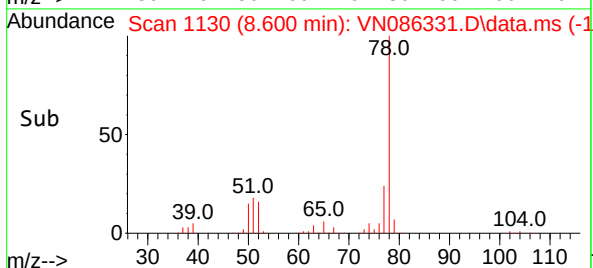
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

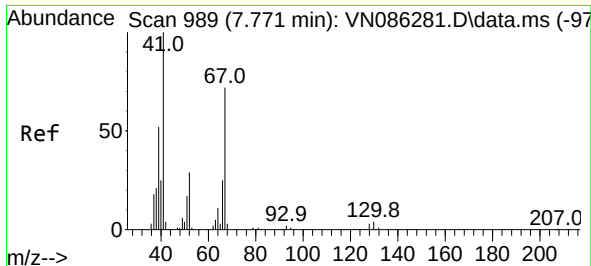


#40
Benzene
Concen: 46.404 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



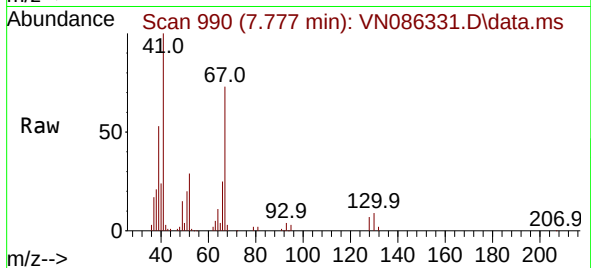
Tgt Ion: 78 Resp: 584207
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2





#41
Methacrylonitrile
Concen: 43.417 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

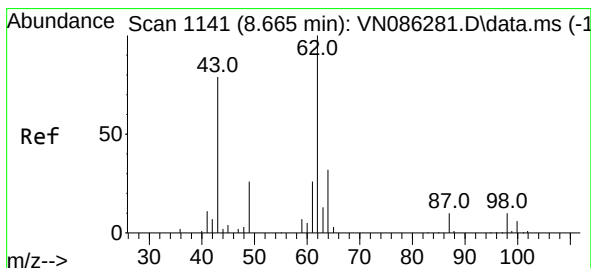
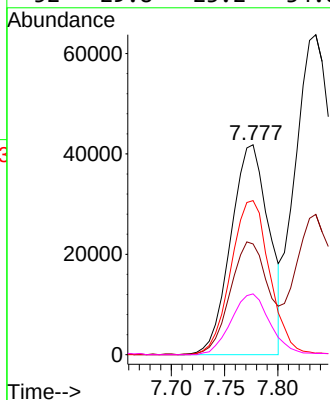
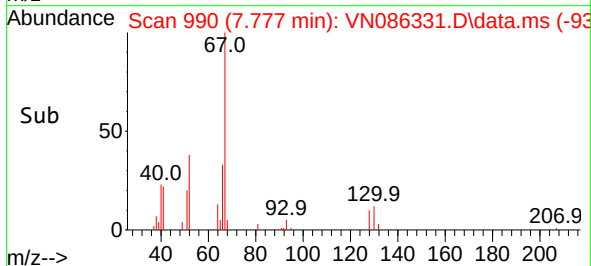
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 104098
Ion Ratio Lower Upper
41 100
39 53.9 43.0 64.4
67 74.8 58.8 88.2
52 29.8 23.2 34.8

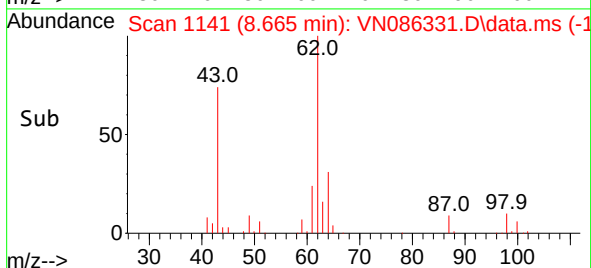
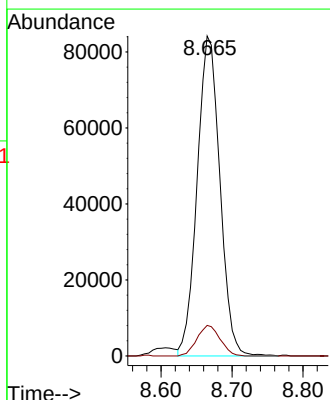
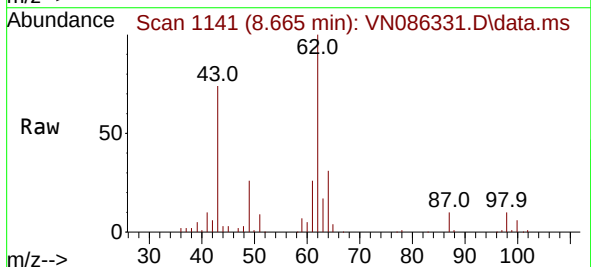
Manual Integrations
APPROVED

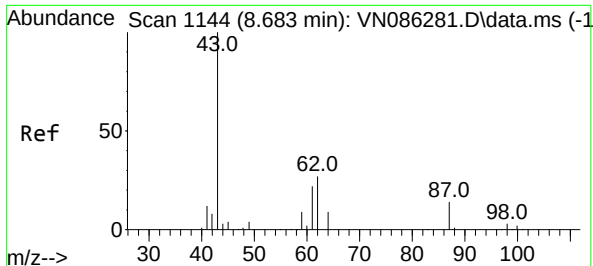
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#42
1,2-Dichloroethane
Concen: 46.713 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion: 62 Resp: 187542
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





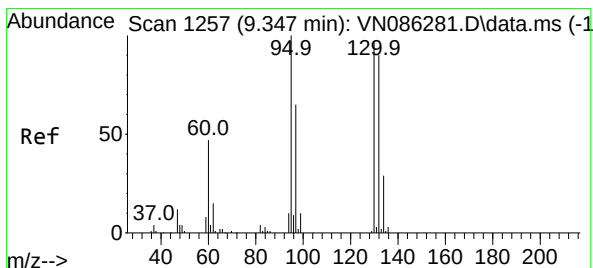
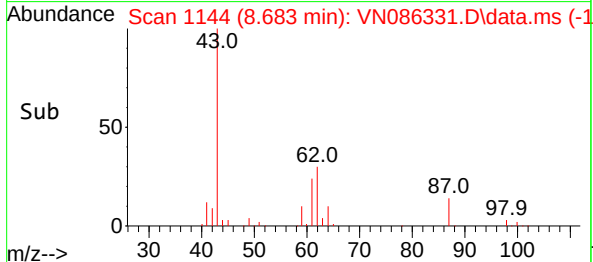
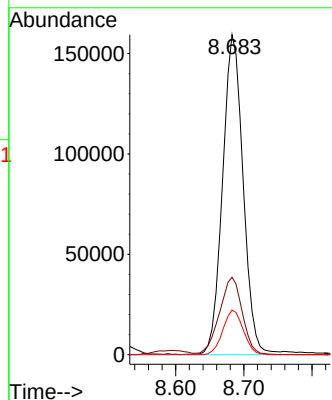
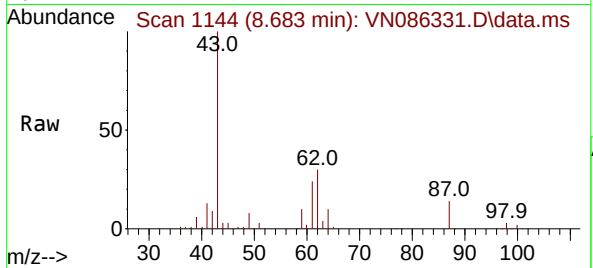
#43
Isopropyl Acetate
Concen: 44.866 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 334414
Ion Ratio Lower Upper
43 100
61 26.8 20.5 30.7
87 13.8 10.5 15.7

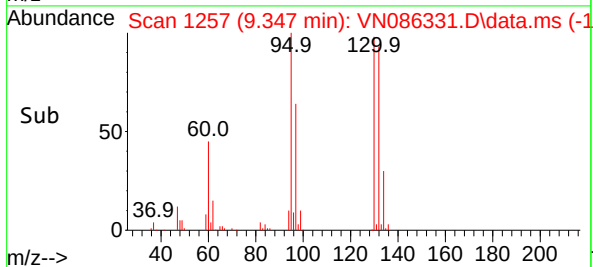
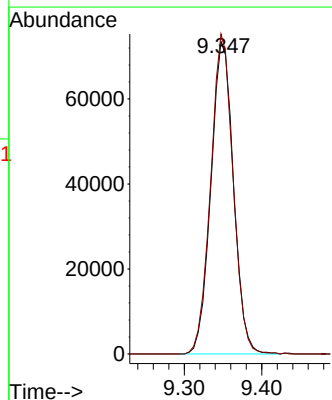
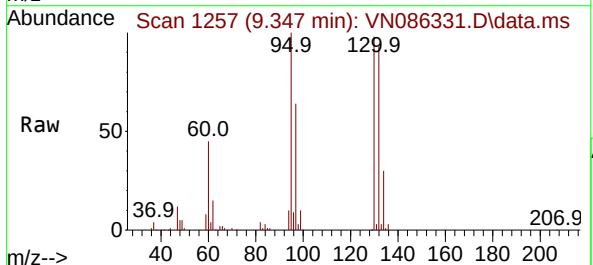
Manual Integrations
APPROVED

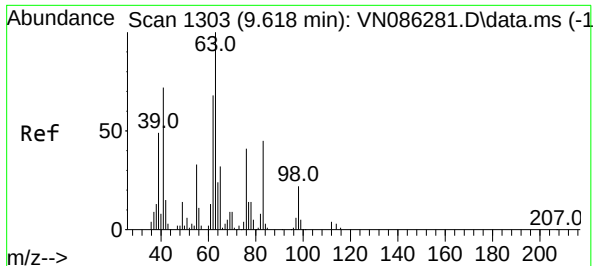
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#44
Trichloroethene
Concen: 49.732 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion:130 Resp: 148399
Ion Ratio Lower Upper
130 100
95 102.5 0.0 207.2





#45

1,2-Dichloropropane

Concen: 45.822 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14121

Ion Ratio Lower Upper

63 100

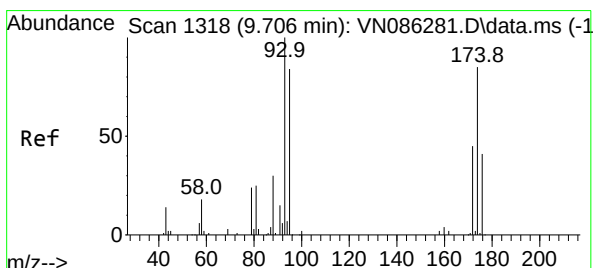
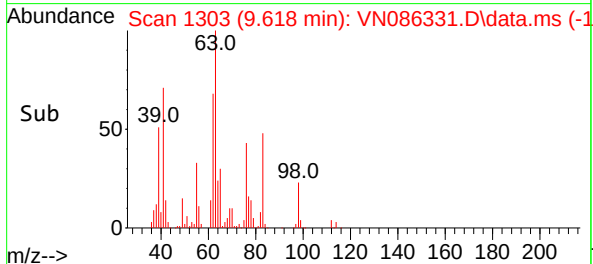
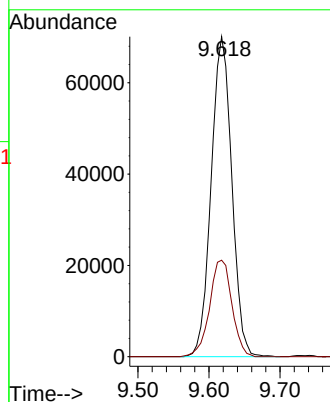
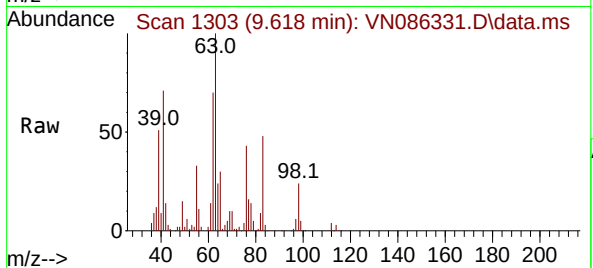
65 30.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#46

Dibromomethane

Concen: 48.464 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

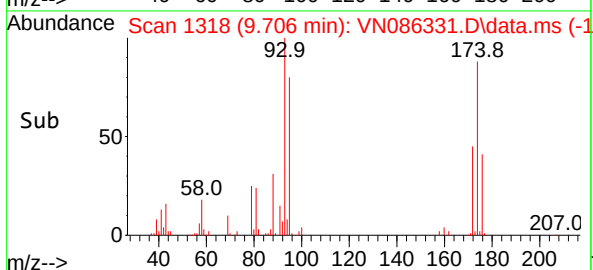
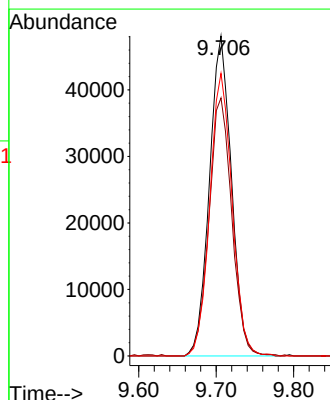
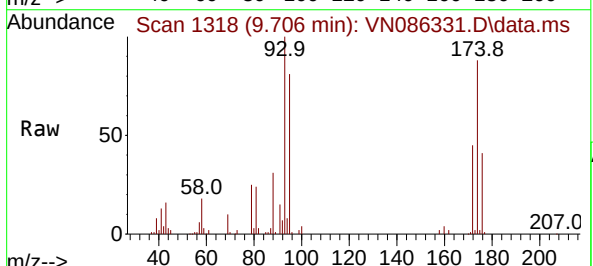
Tgt Ion: 93 Resp: 95161

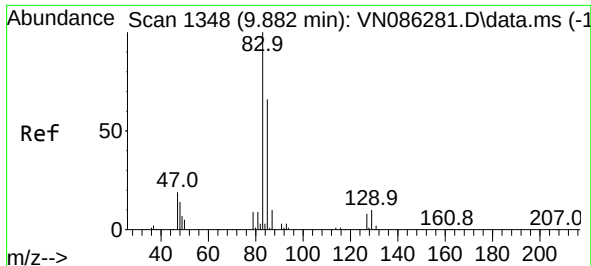
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

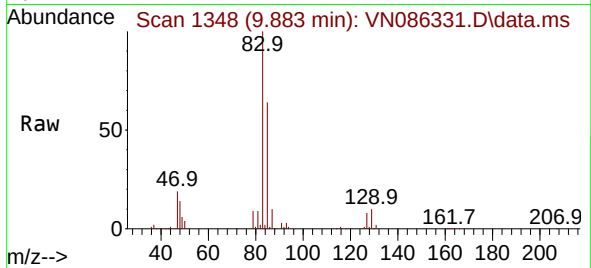
174 89.3 67.8 101.6





#47
Bromodichloromethane
Concen: 48.011 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

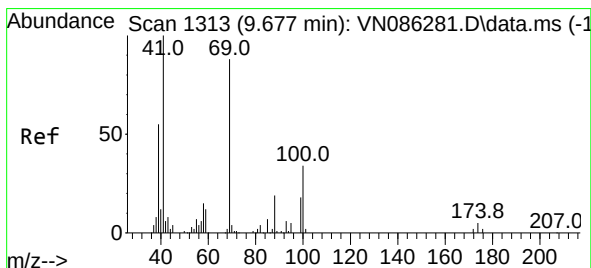
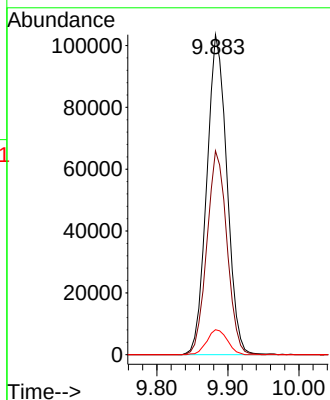
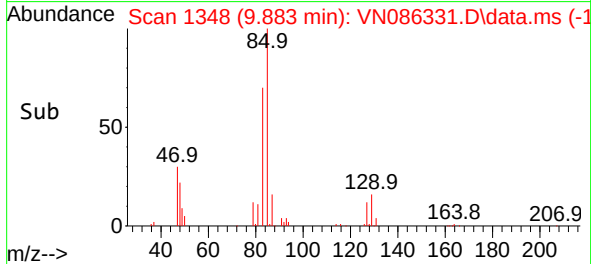
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



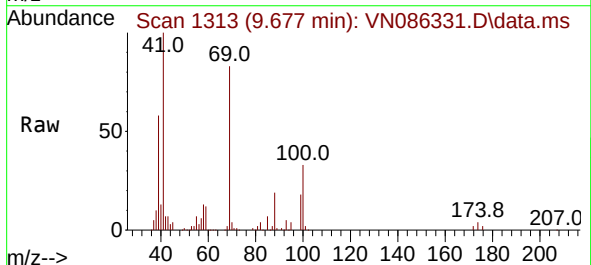
Tgt Ion: 83 Resp: 20360
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 7.8 6.1 9.1

Manual Integrations
APPROVED

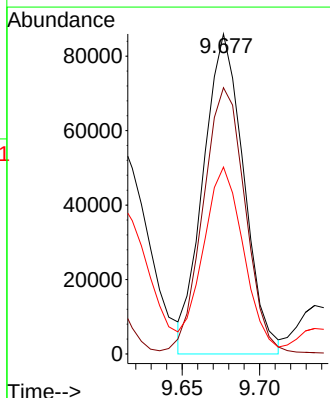
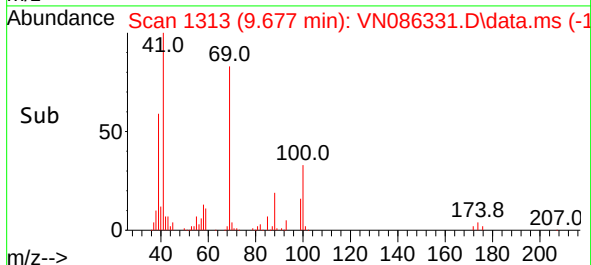
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

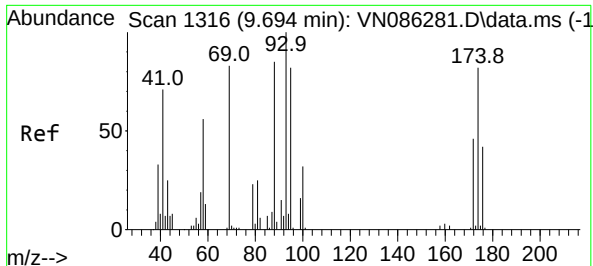


#48
Methyl methacrylate
Concen: 42.963 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



Tgt Ion: 41 Resp: 156079
Ion Ratio Lower Upper
41 100
69 87.3 68.2 102.2
39 58.9 45.2 67.8





#49

1,4-Dioxane

Concen: 907.282 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

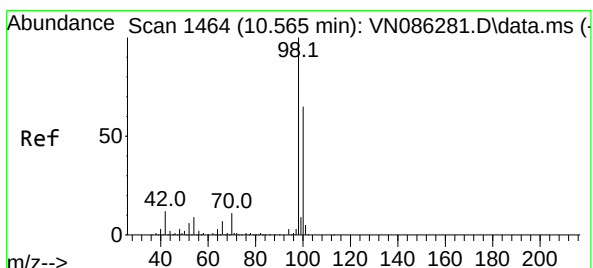
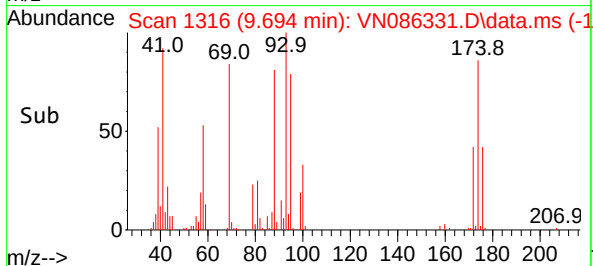
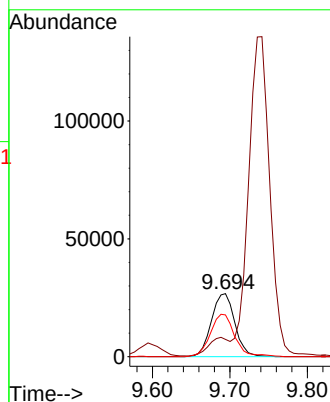
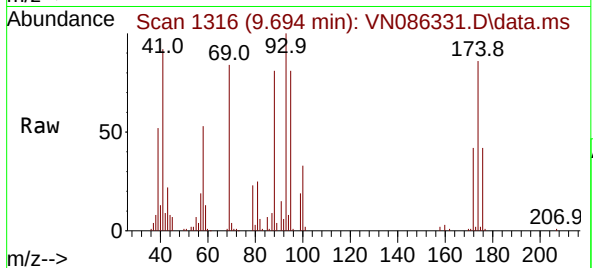
Tgt Ion:	88	Resp:	5606
Ion Ratio	Lower	Upper	
88	100		
43	26.3	23.8	35.8
58	70.2	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#50

Toluene-d8

Concen: 48.596 ug/l

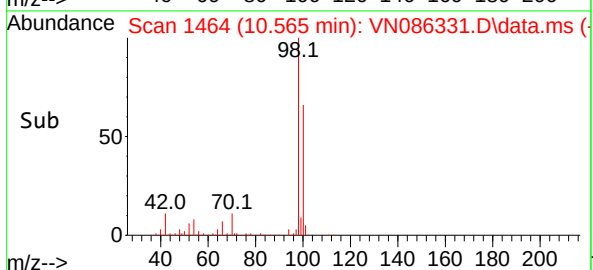
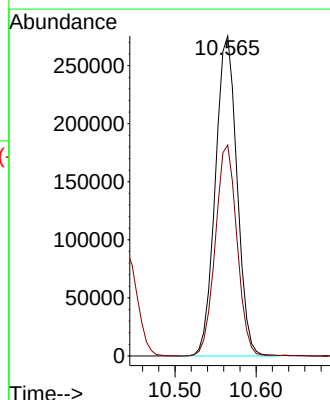
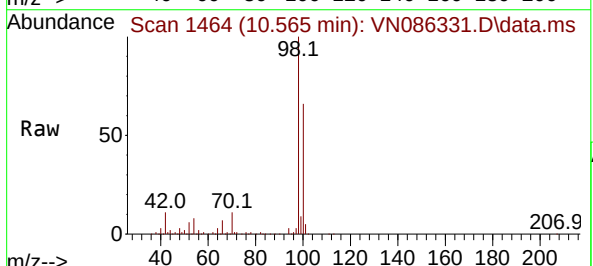
RT: 10.565 min Scan# 1464

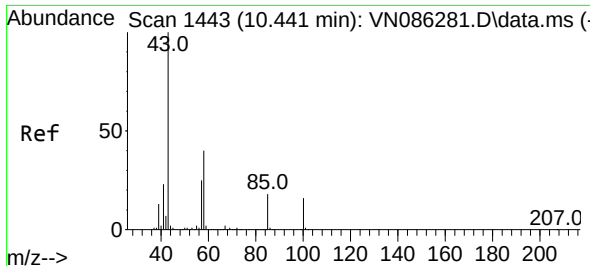
Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Tgt Ion:	98	Resp:	510956
Ion Ratio	Lower	Upper	
98	100		
100	66.0	52.5	78.7





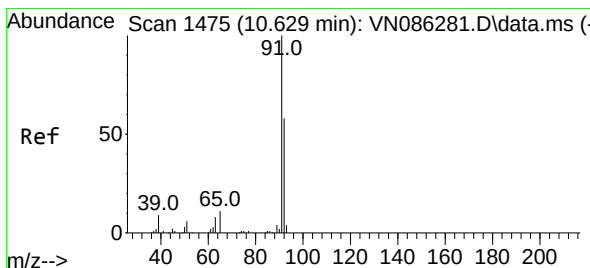
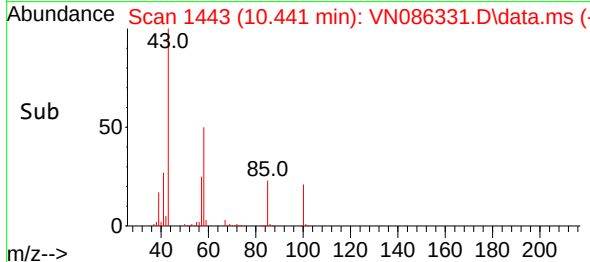
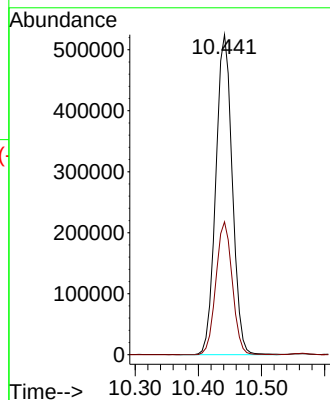
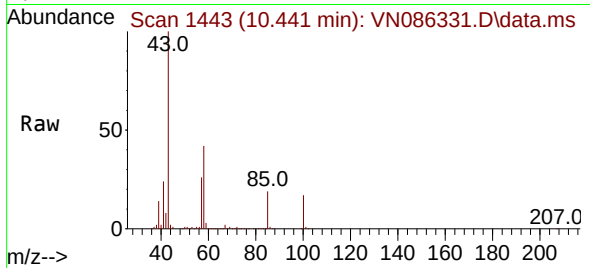
#51
4-Methyl-2-Pentanone
Concen: 224.040 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 949075
Ion Ratio Lower Upper
43 100
58 41.2 32.2 48.4

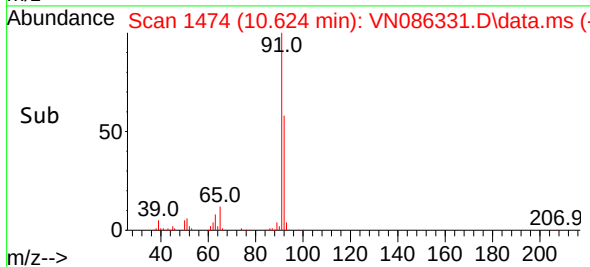
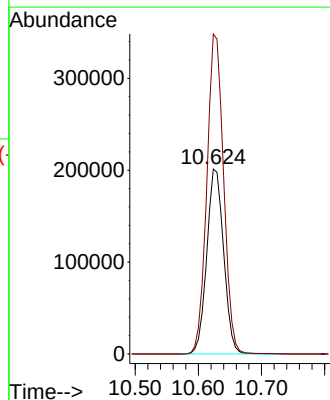
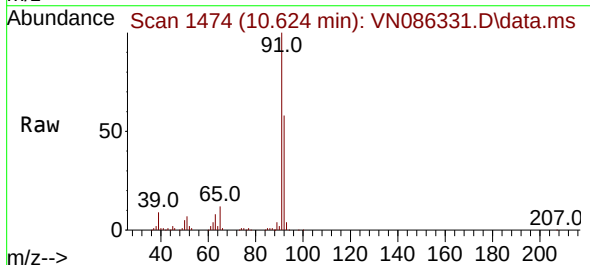
Manual Integrations
APPROVED

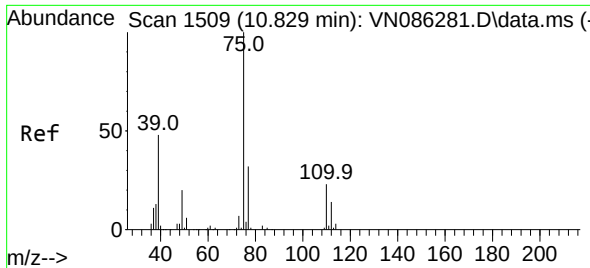
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#52
Toluene
Concen: 47.605 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

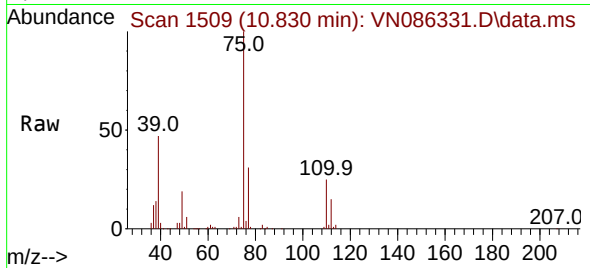
Tgt Ion: 92 Resp: 373968
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 48.351 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

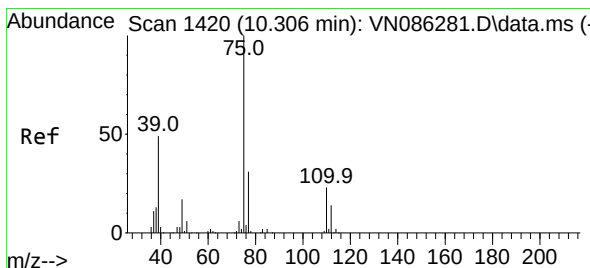
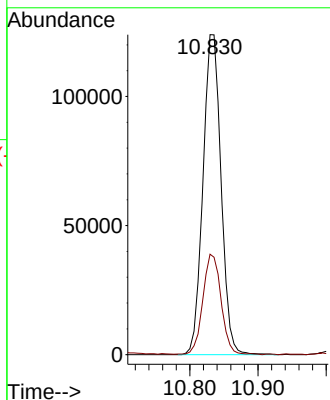
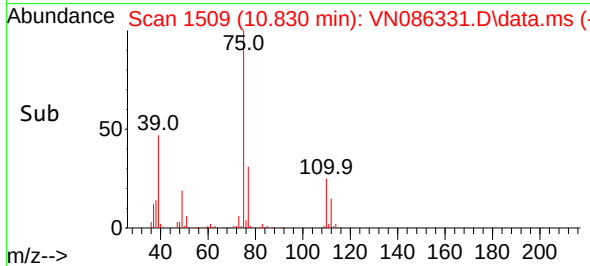
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 228890
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

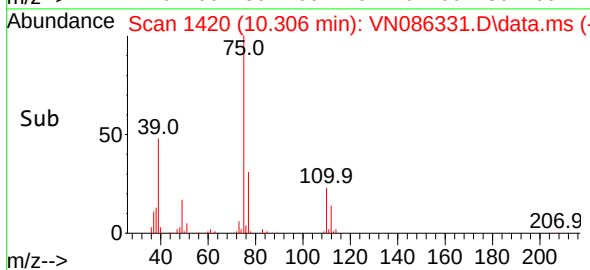
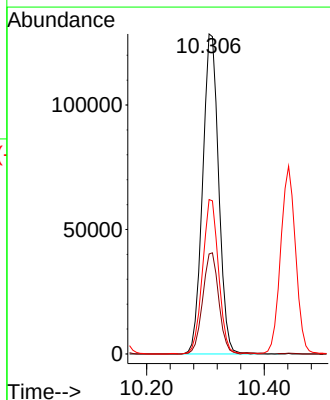
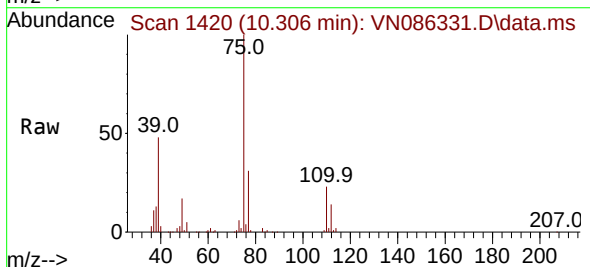
Manual Integrations
APPROVED

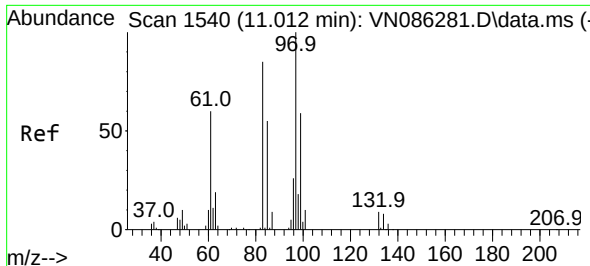
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#54
cis-1,3-Dichloropropene
Concen: 46.724 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

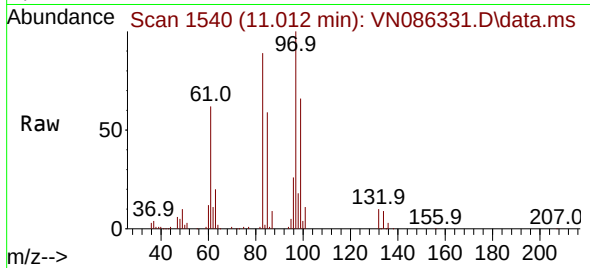
Tgt Ion: 75 Resp: 242944
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 48.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 47.522 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

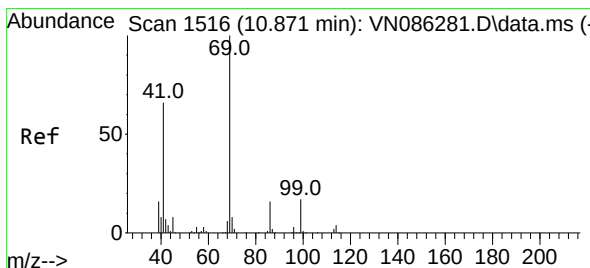
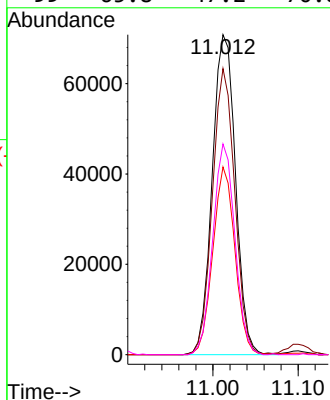
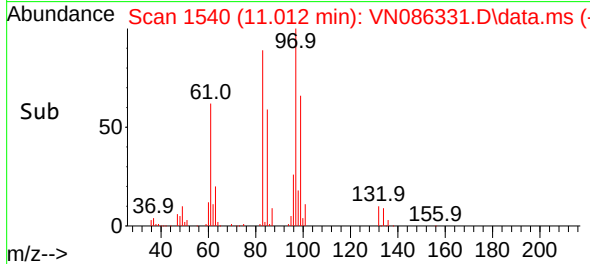
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



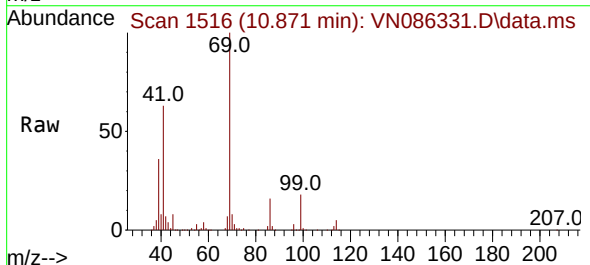
Tgt Ion:	97	Resp:	134314
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.4	102.6
85	58.7	43.9	65.9
99	65.8	47.2	70.8

Manual Integrations
APPROVED

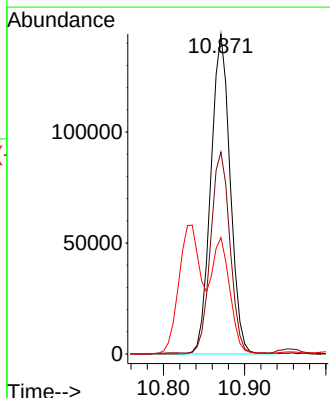
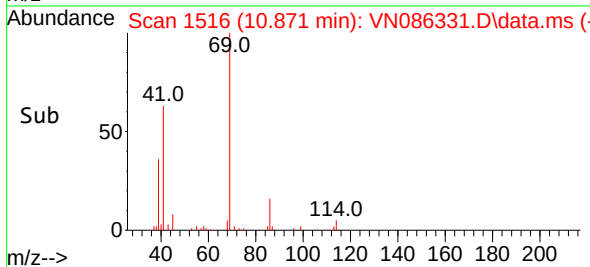
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

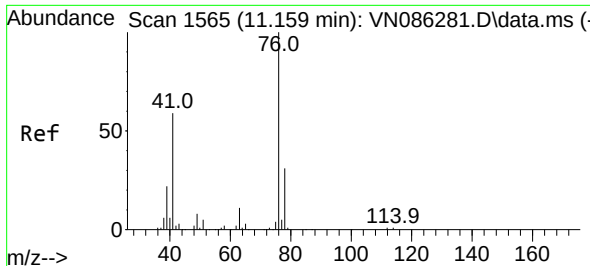


#56
Ethyl methacrylate
Concen: 45.852 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



Tgt Ion:	69	Resp:	238214
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.7	77.5
39	33.2	26.3	39.5





#57

1,3-Dichloropropane

Concen: 47.127 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 236320

Ion Ratio Lower Upper

76 100

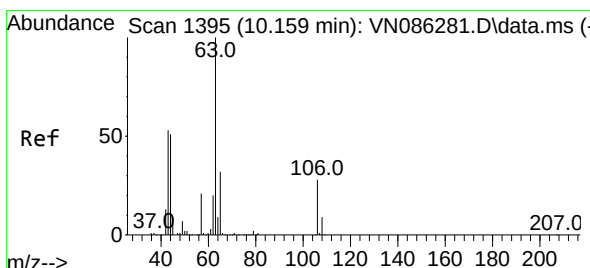
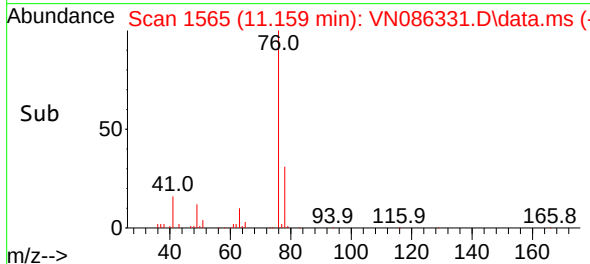
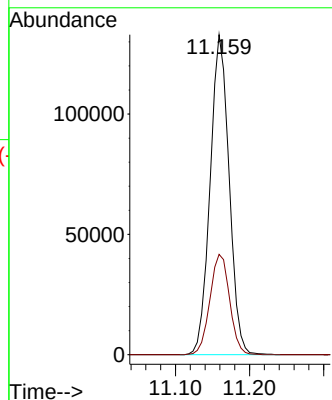
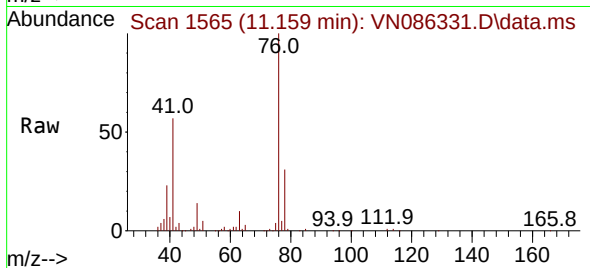
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 222.800 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086331.D

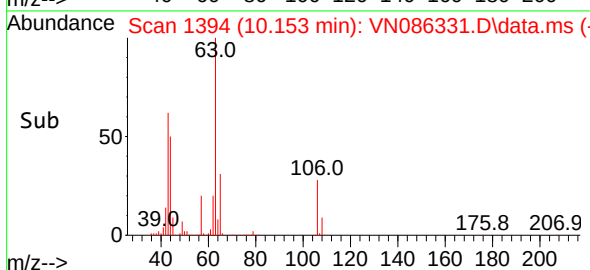
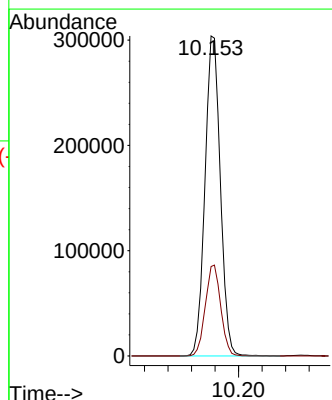
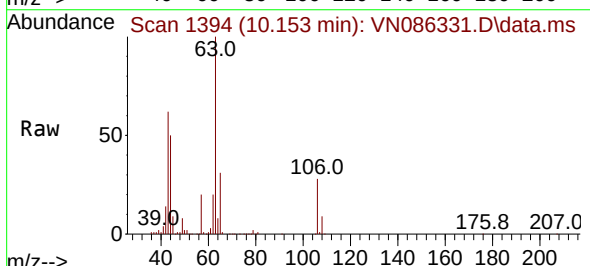
Acq: 18 Apr 2025 08:47

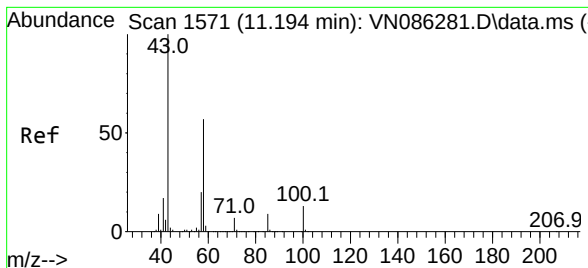
Tgt Ion: 63 Resp: 549395

Ion Ratio Lower Upper

63 100

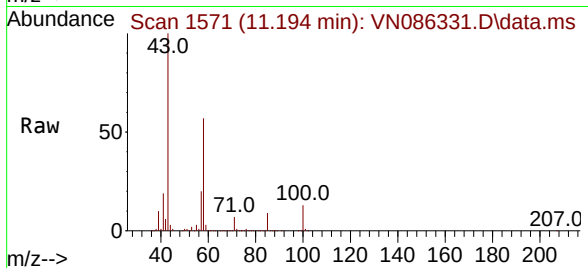
106 28.5 22.2 33.2





#59
2-Hexanone
Concen: 223.230 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

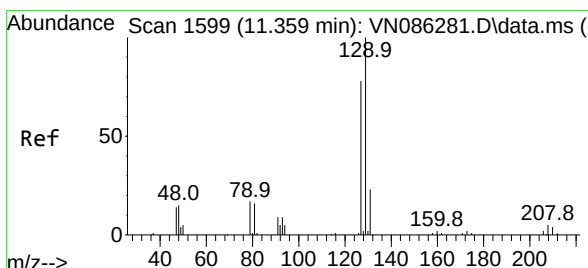
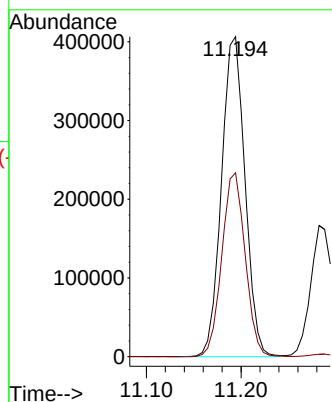
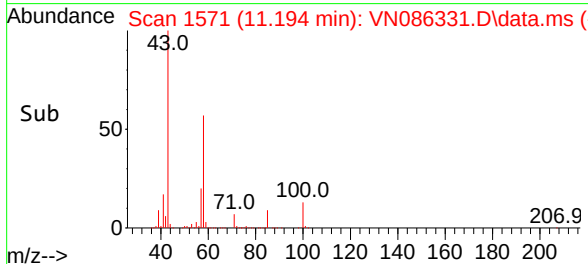
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 701412
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0

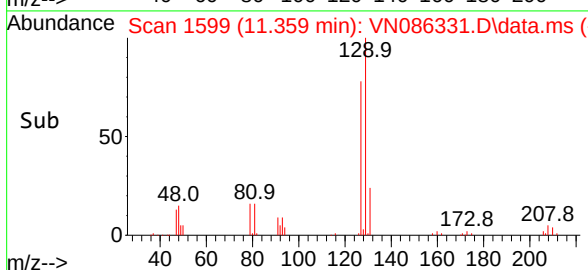
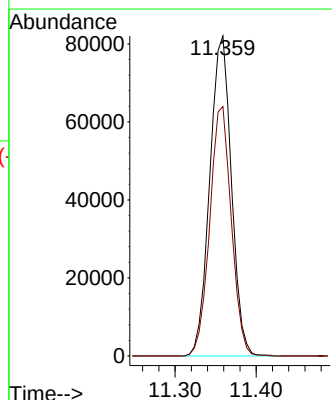
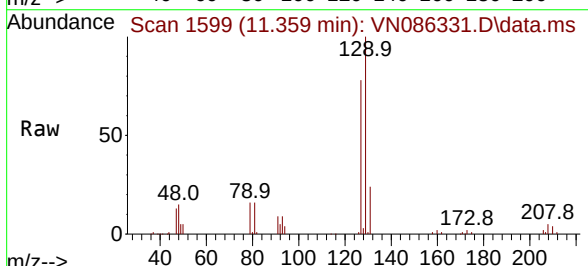
Manual Integrations
APPROVED

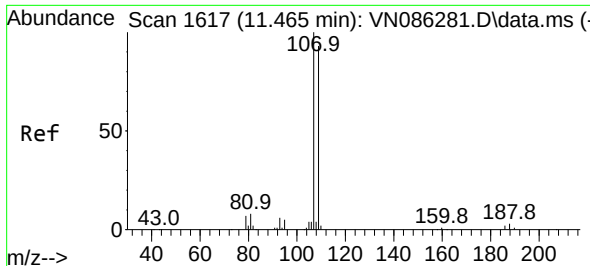
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
Dibromochloromethane
Concen: 48.842 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion:129 Resp: 151587
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





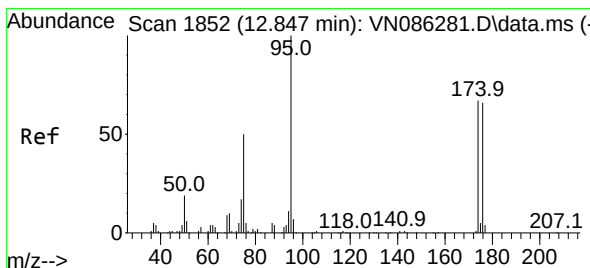
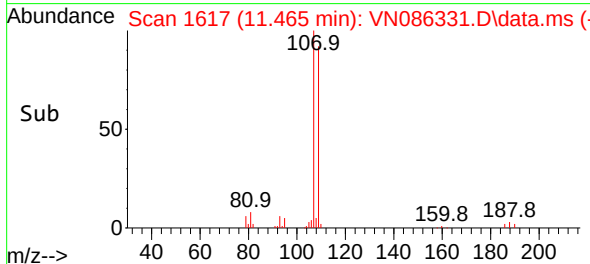
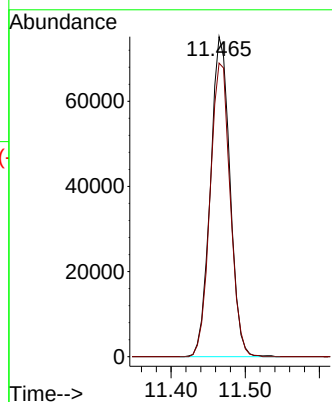
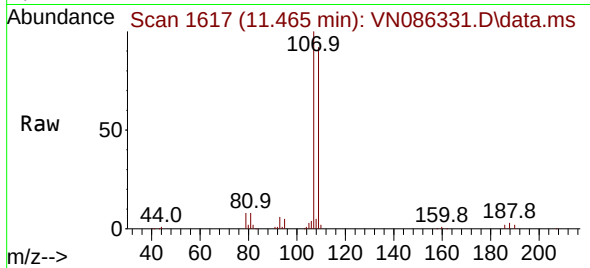
#61
1,2-Dibromoethane
Concen: 48.256 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 137619
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

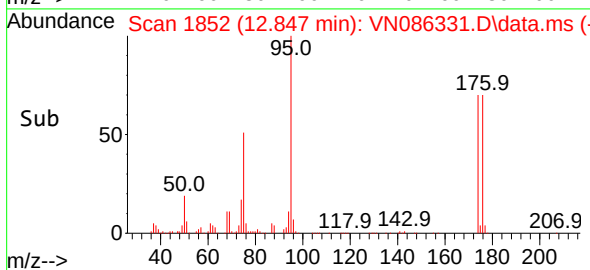
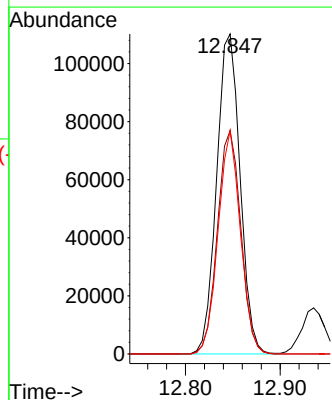
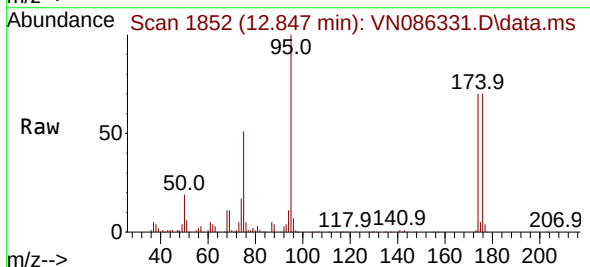
Manual Integrations
APPROVED

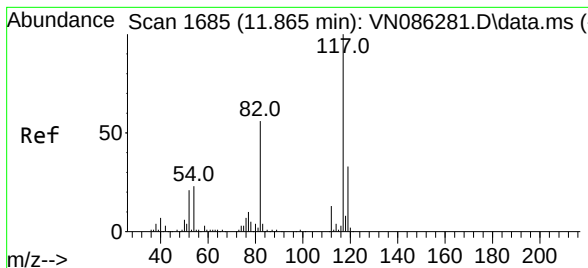
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
4-Bromofluorobenzene
Concen: 49.491 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

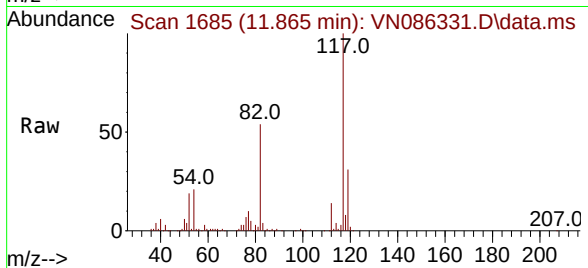
Tgt Ion: 95 Resp: 189798
Ion Ratio Lower Upper
95 100
174 69.5 0.0 133.4
176 66.5 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

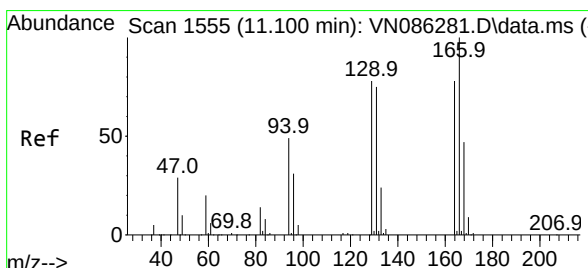
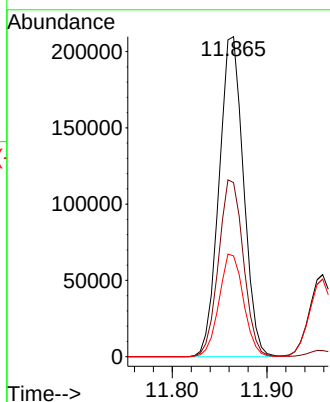
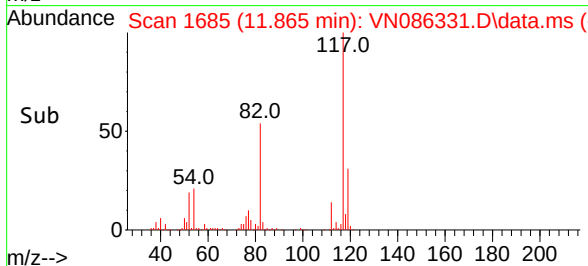
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 376763
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 31.5 26.4 39.6

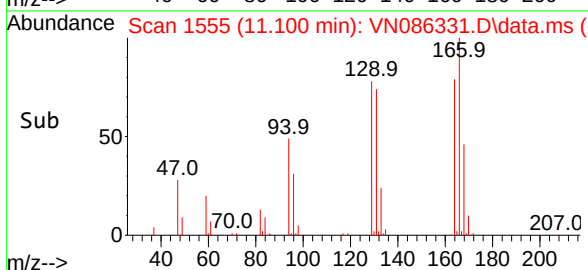
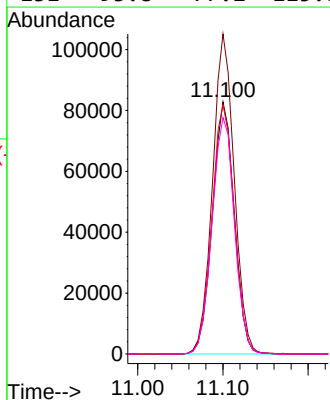
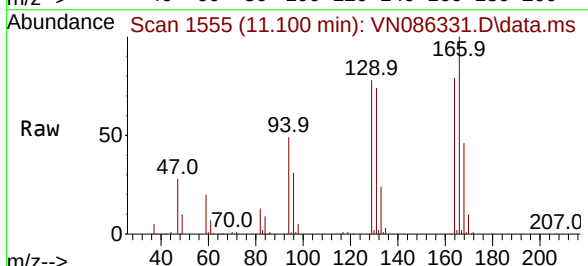
Manual Integrations
APPROVED

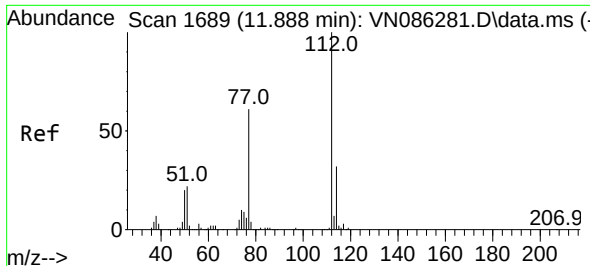
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
Tetrachloroethene
Concen: 51.090 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

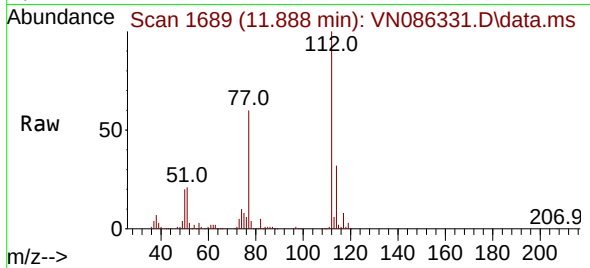
Tgt Ion:164 Resp: 148063
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.4
129 98.8 80.1 120.1
131 93.8 77.2 115.8





#65
Chlorobenzene
Concen: 47.606 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

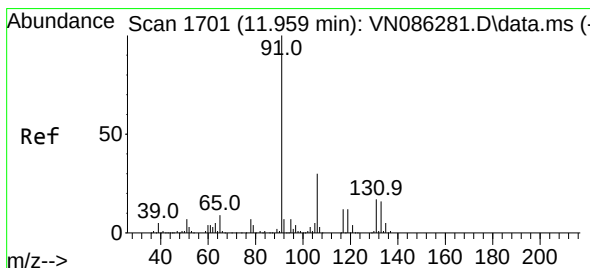
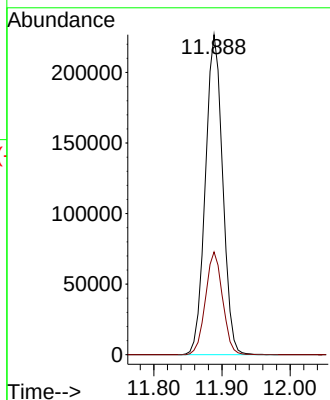
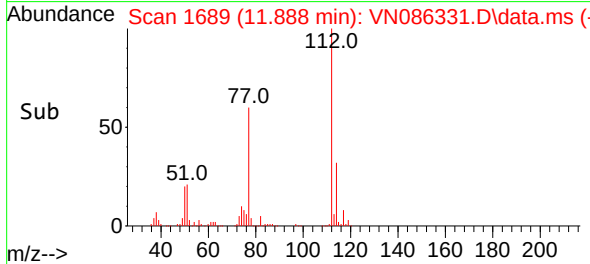
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



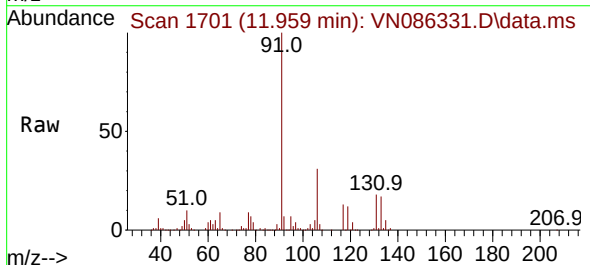
Tgt Ion:112 Resp: 400270
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

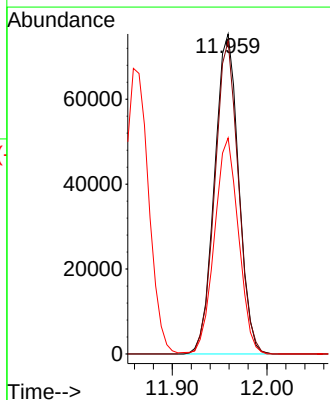
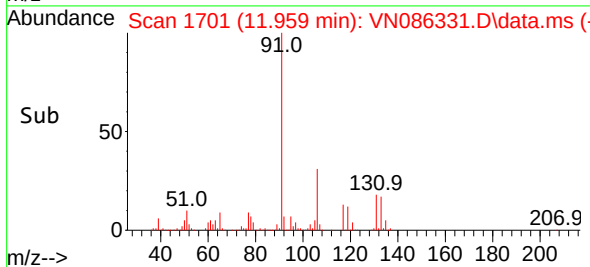
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

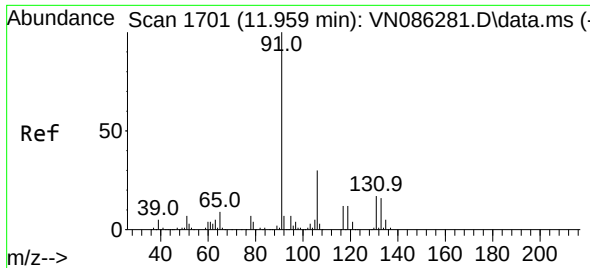


#66
1,1,1,2-Tetrachloroethane
Concen: 48.008 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



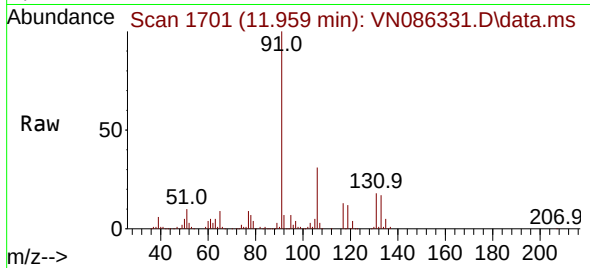
Tgt Ion:131 Resp: 133163
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 67.5 33.8 101.4





#67
Ethyl Benzene
Concen: 47.313 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

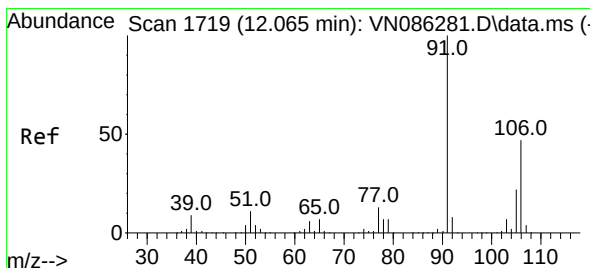
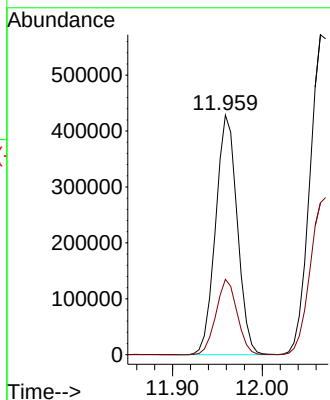
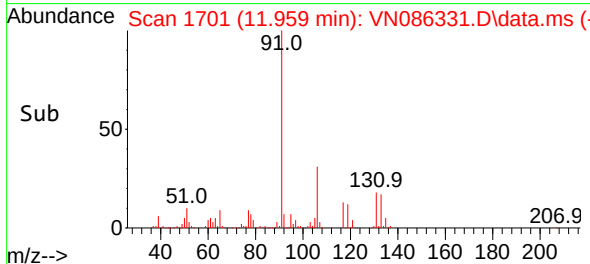
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



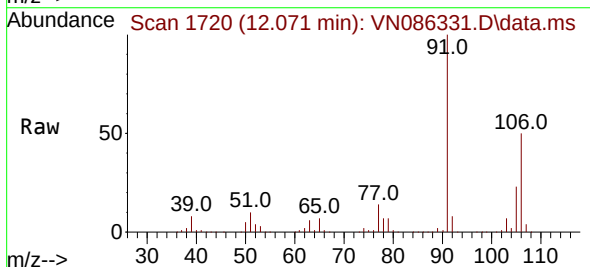
Tgt Ion: 91 Resp: 71786
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5

Manual Integrations
APPROVED

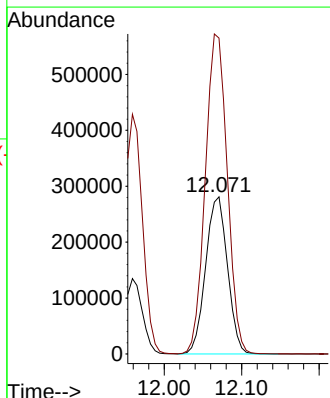
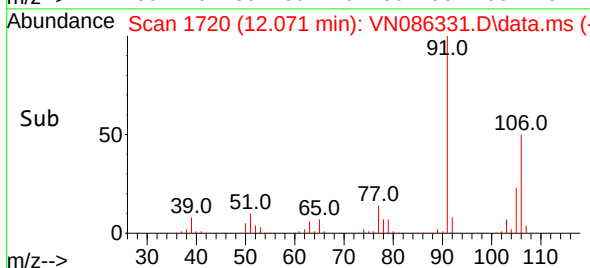
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

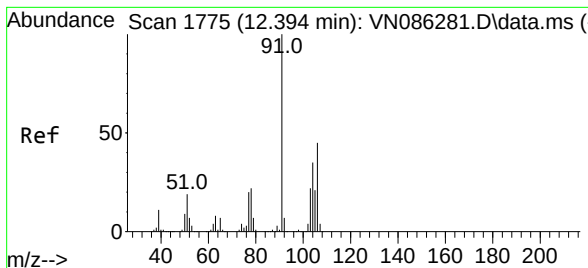


#68
m/p-Xylenes
Concen: 96.780 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



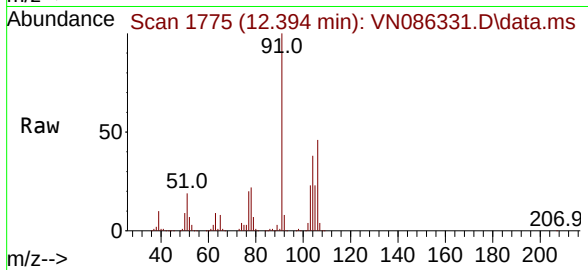
Tgt Ion:106 Resp: 550207
Ion Ratio Lower Upper
106 100
91 205.1 166.5 249.7





#69
o-Xylene
Concen: 47.676 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

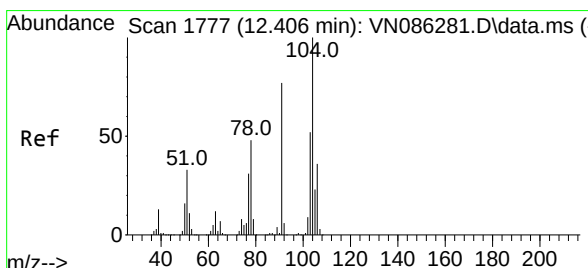
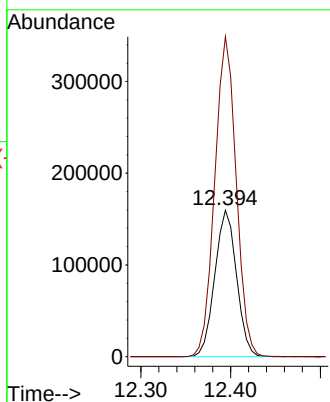
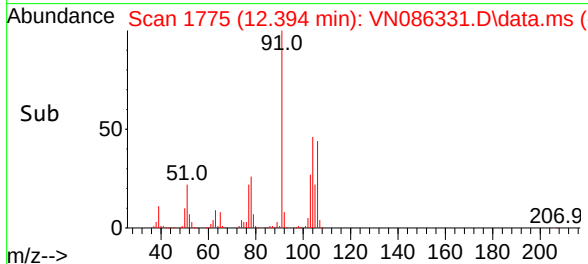
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 268040
Ion Ratio Lower Upper
106 100
91 216.1 109.7 329.0

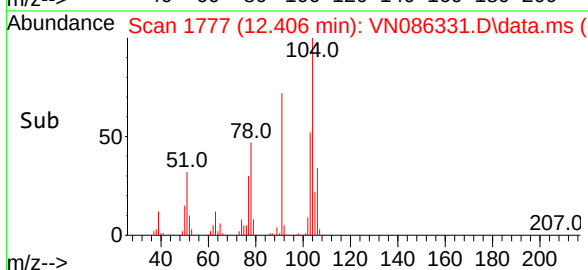
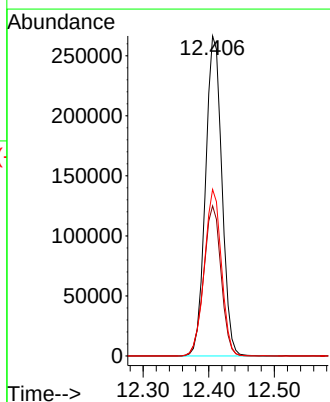
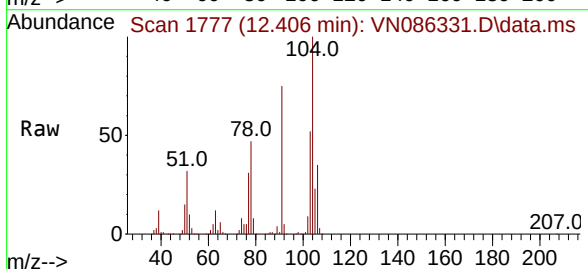
Manual Integrations
APPROVED

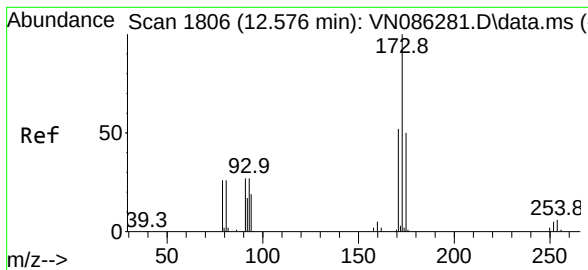
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#70
Styrene
Concen: 49.487 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion:104 Resp: 463582
Ion Ratio Lower Upper
104 100
78 49.7 40.6 61.0
103 54.1 43.6 65.4





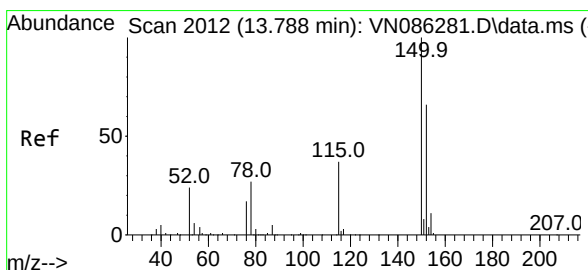
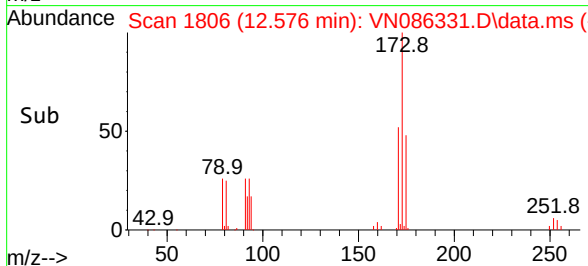
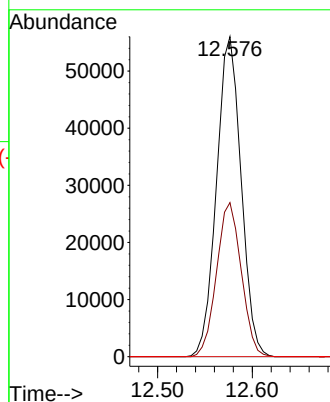
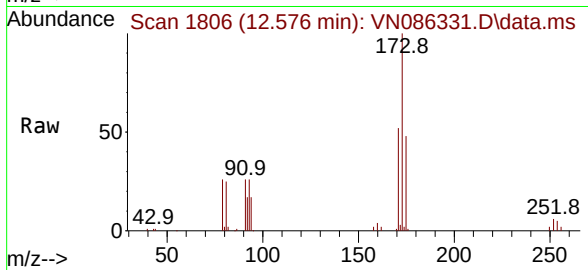
#71
Bromoform
Concen: 48.437 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 10115
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.0 0.0

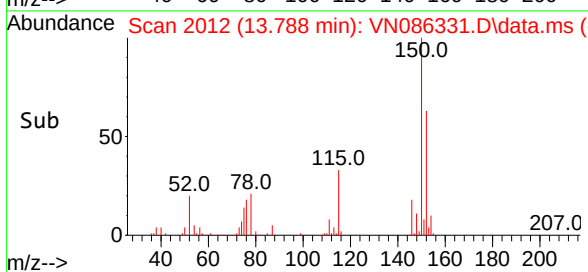
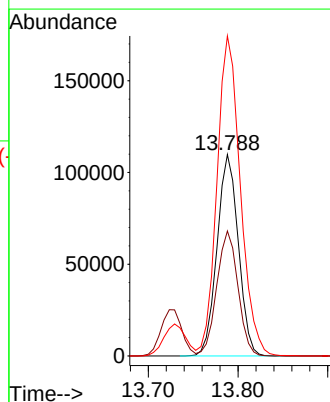
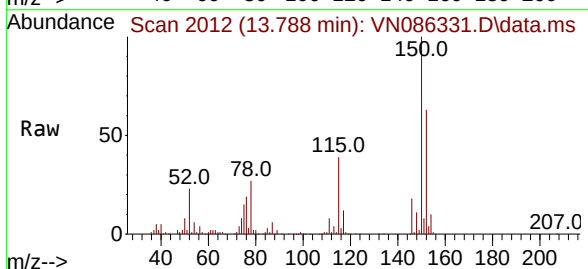
Manual Integrations
APPROVED

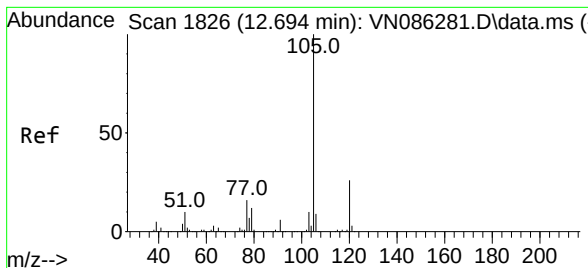
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion:152 Resp: 180840
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.9
150 174.5 0.0 352.0





#73

Isopropylbenzene

Concen: 45.347 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 670825

Ion Ratio Lower Upper

105 100

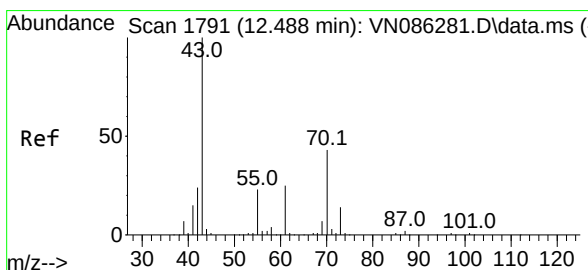
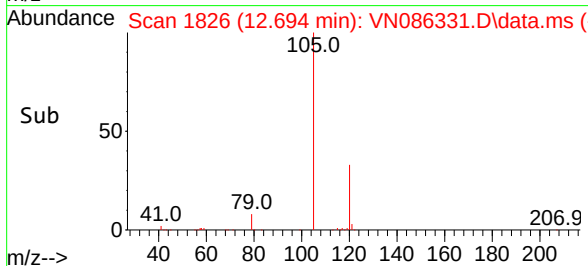
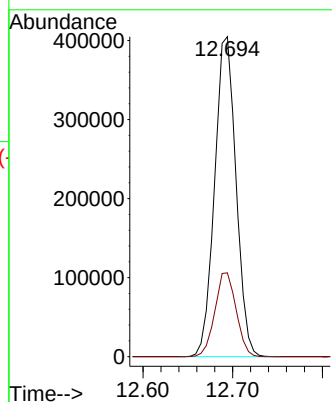
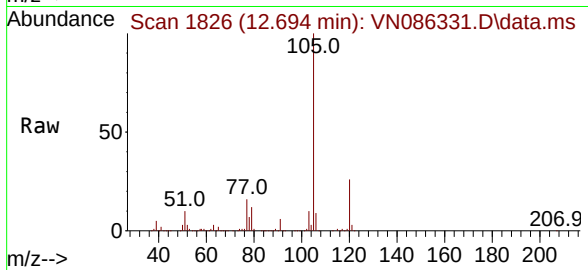
120 26.2 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#74

N-ethyl acetate

Concen: 38.337 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Tgt Ion: 43 Resp: 282331

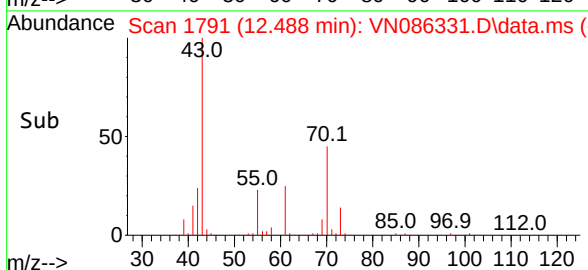
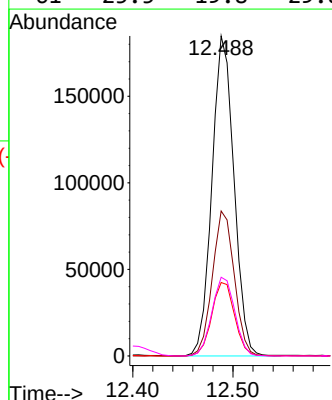
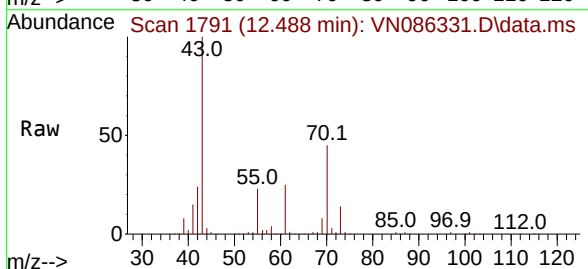
Ion Ratio Lower Upper

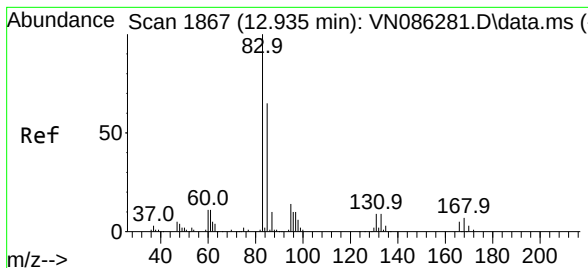
43 100

70 45.1 35.0 52.4

55 23.9 19.0 28.4

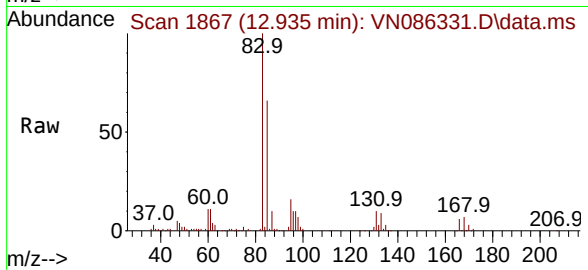
61 25.5 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 41.695 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

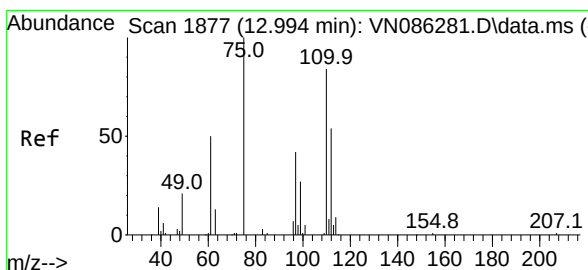
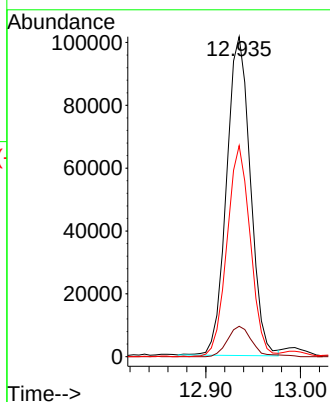
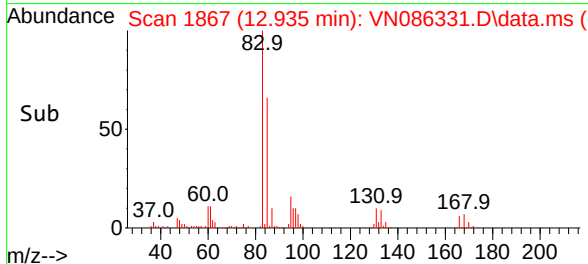
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



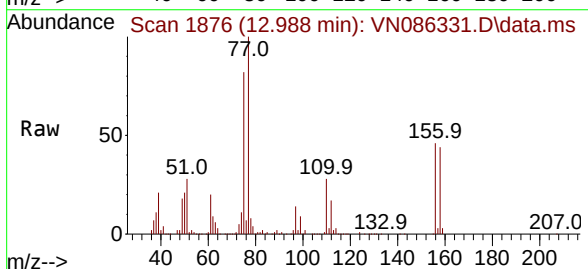
Tgt Ion: 83 Resp: 177349
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 64.8 32.7 98.1

Manual Integrations
APPROVED

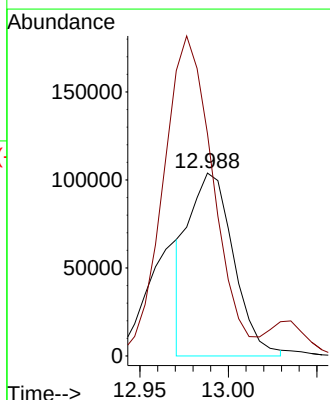
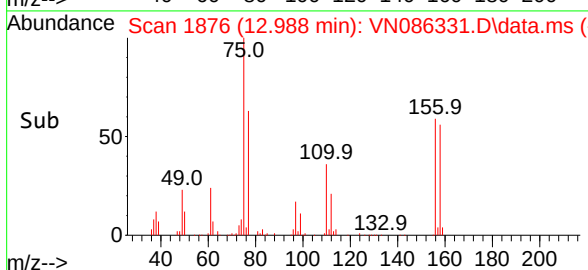
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

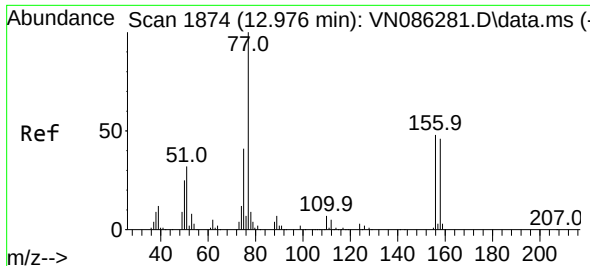


#76
1,2,3-Trichloropropane
Concen: 42.761 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



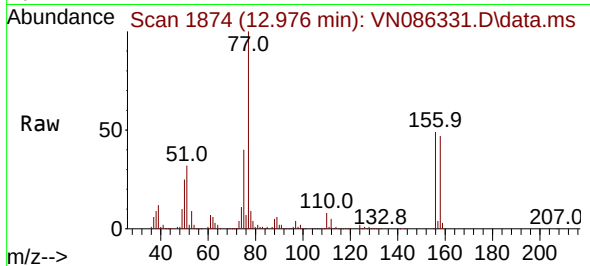
Tgt Ion: 75 Resp: 182484
Ion Ratio Lower Upper
75 100
77 197.3 98.8 296.4





#77
Bromobenzene
Concen: 47.257 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

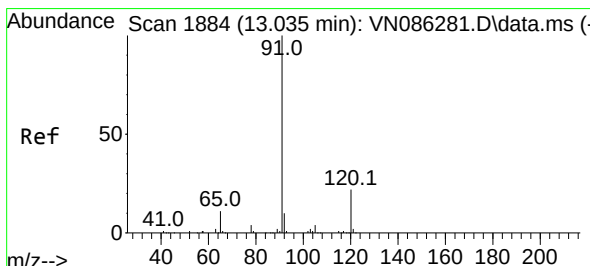
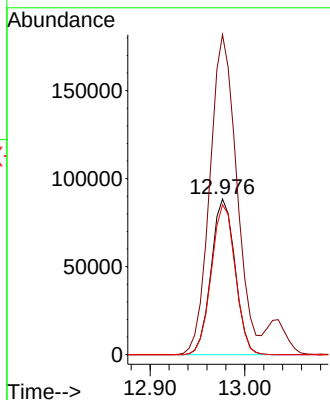
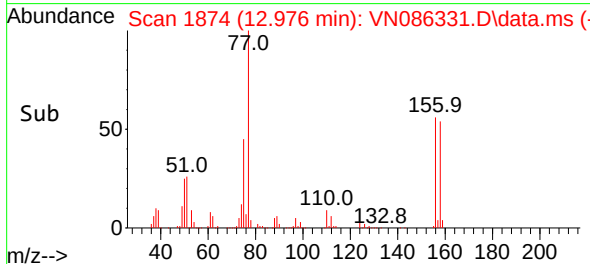
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



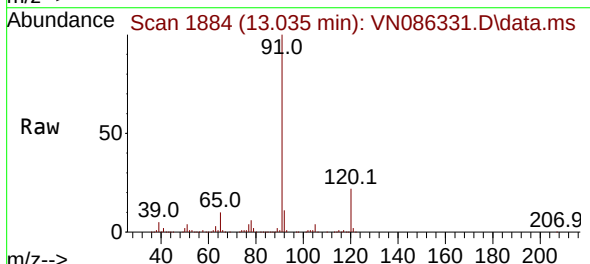
Tgt Ion:156 Resp: 154897
Ion Ratio Lower Upper
156 100
77 232.5 121.1 363.1
158 96.7 47.9 143.6

Manual Integrations
APPROVED

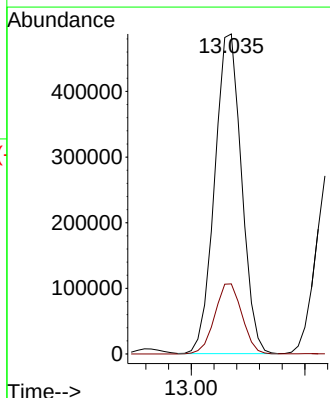
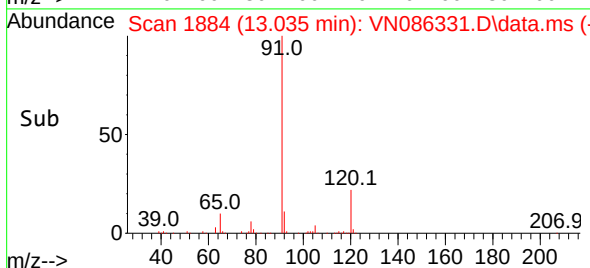
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

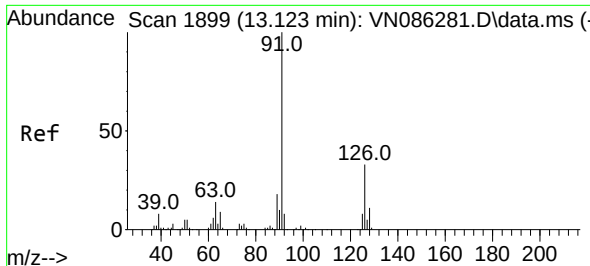


#78
n-propylbenzene
Concen: 45.860 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



Tgt Ion: 91 Resp: 799427
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





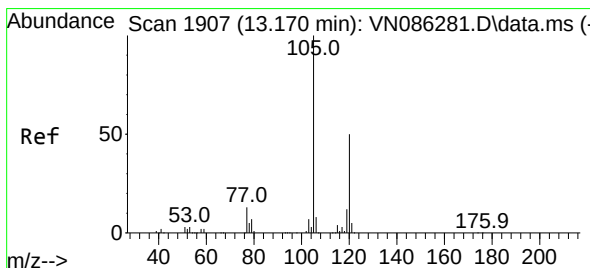
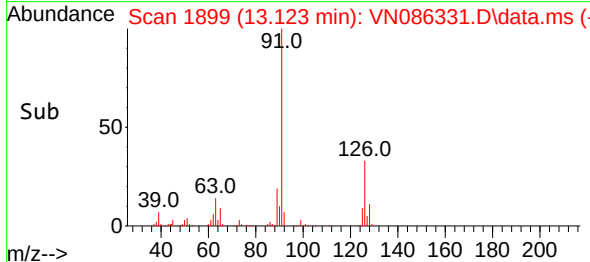
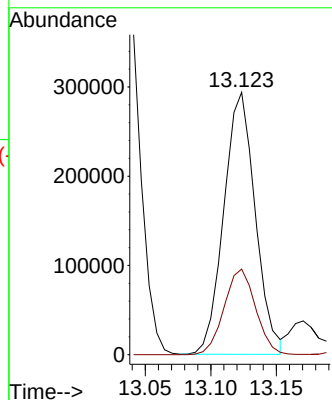
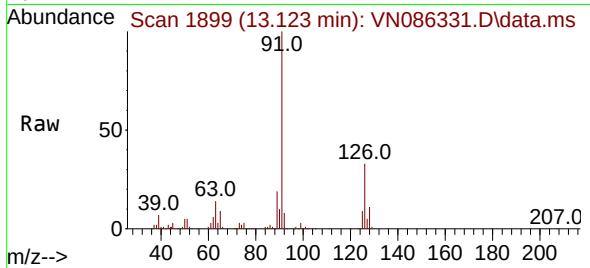
#79
2-Chlorotoluene
Concen: 44.880 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 48954
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2

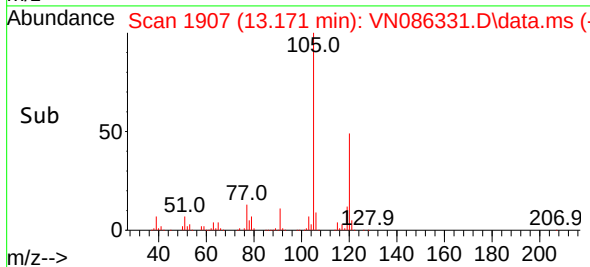
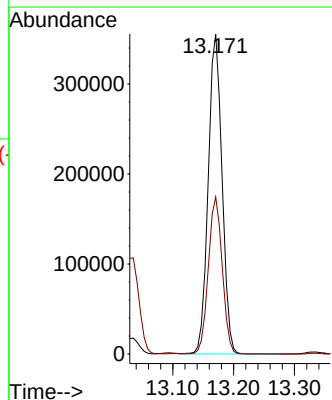
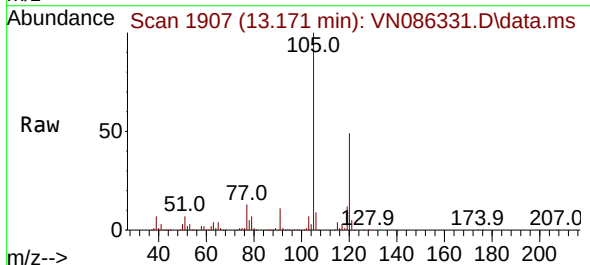
Manual Integrations
APPROVED

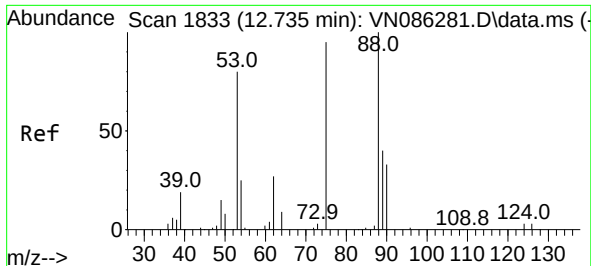
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.275 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

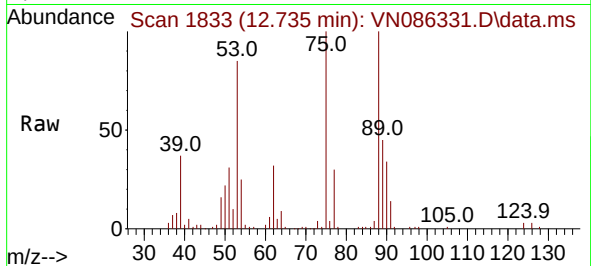
Tgt Ion:105 Resp: 560282
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 45.268 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

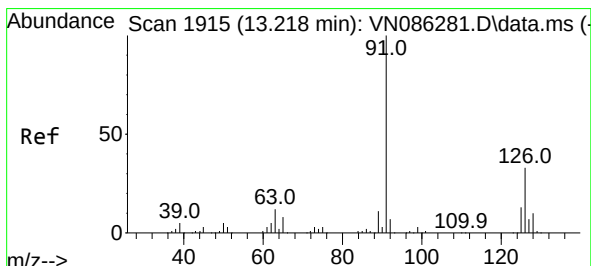
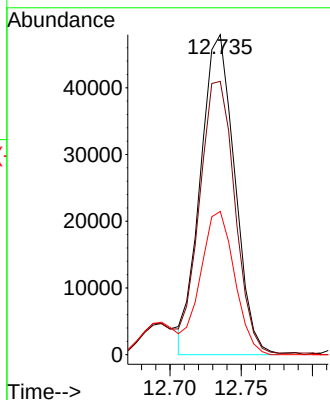
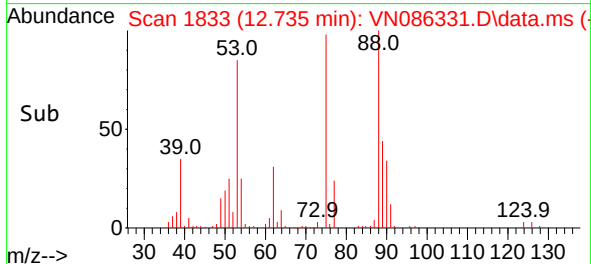
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



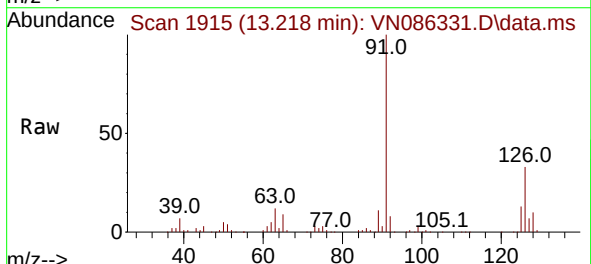
Tgt Ion: 75 Resp: 80439
Ion Ratio Lower Upper
75 100
53 89.2 79.2 118.8
89 44.7 35.7 53.5

Manual Integrations
APPROVED

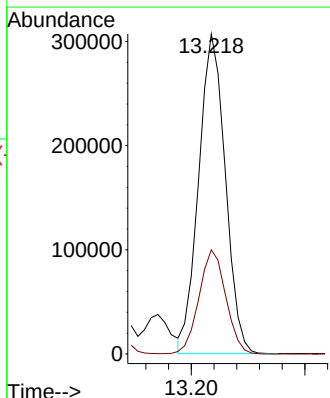
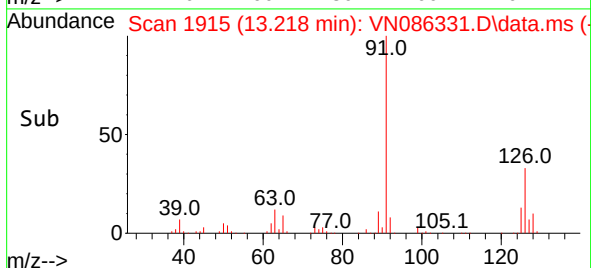
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

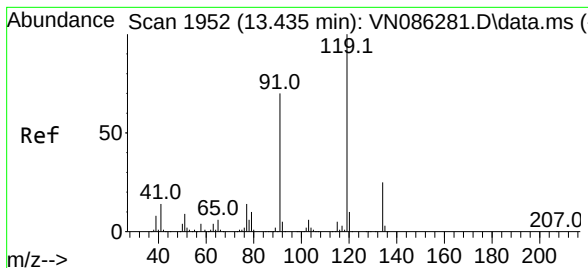


#82
4-Chlorotoluene
Concen: 46.148 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



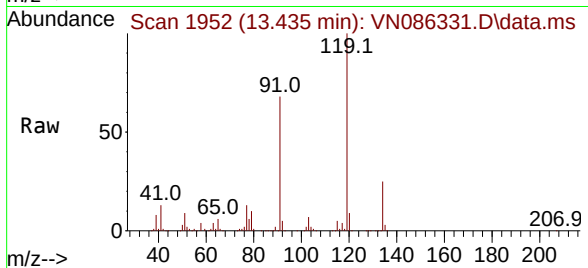
Tgt Ion: 91 Resp: 500035
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6





#83
tert-Butylbenzene
Concen: 44.785 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

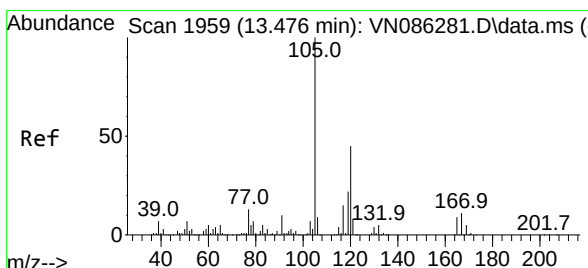
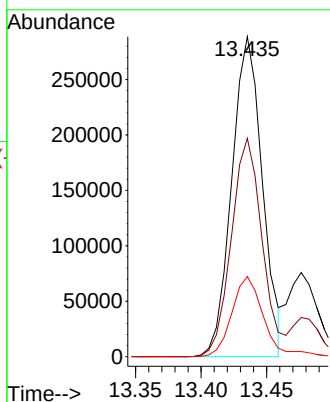
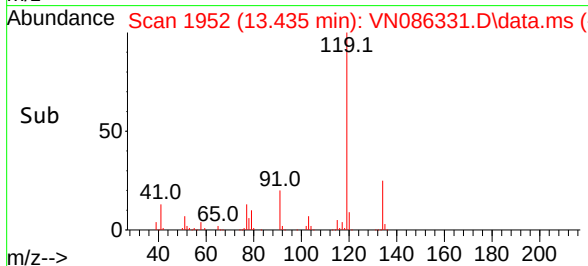
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



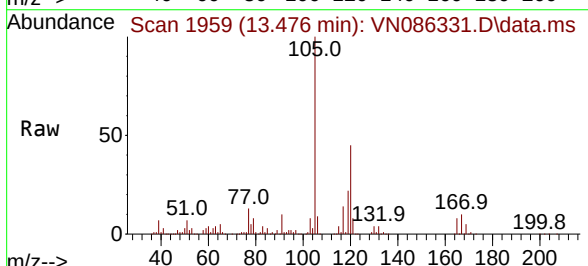
Tgt Ion:119 Resp: 46984
Ion Ratio Lower Upper
119 100
91 68.9 34.4 103.3
134 26.0 13.0 39.0

Manual Integrations
APPROVED

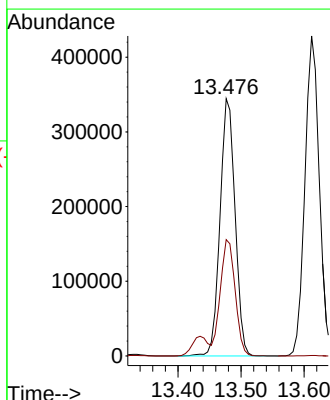
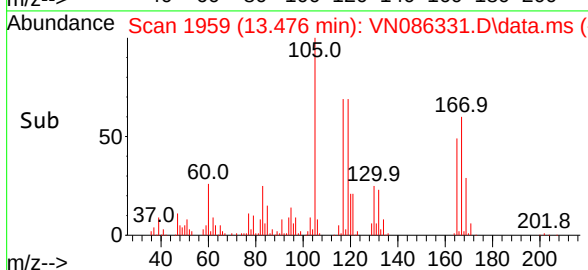
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

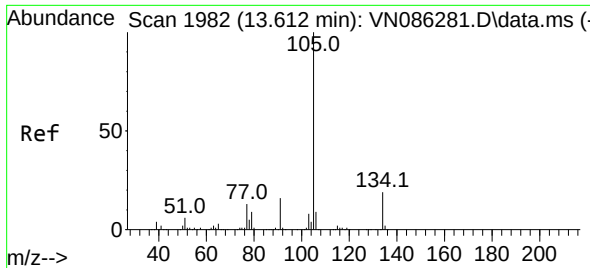


#84
1,2,4-Trimethylbenzene
Concen: 46.163 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



Tgt Ion:105 Resp: 568939
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





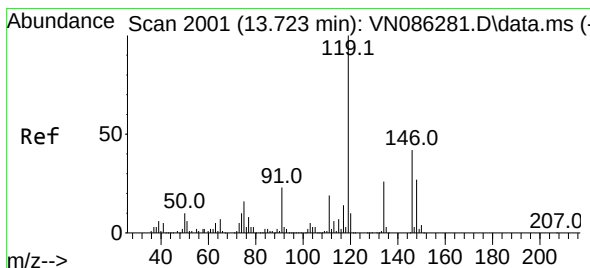
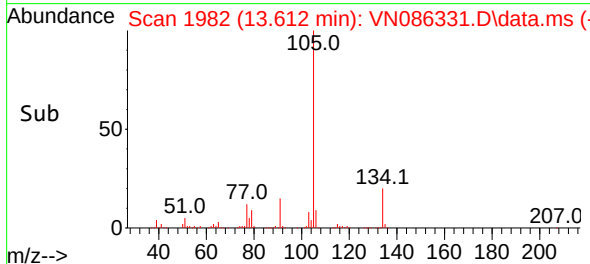
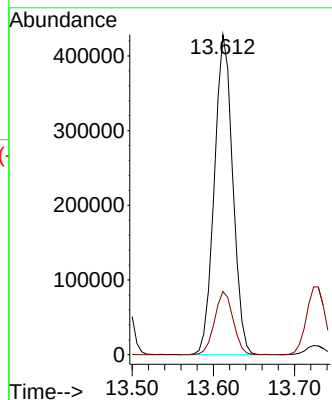
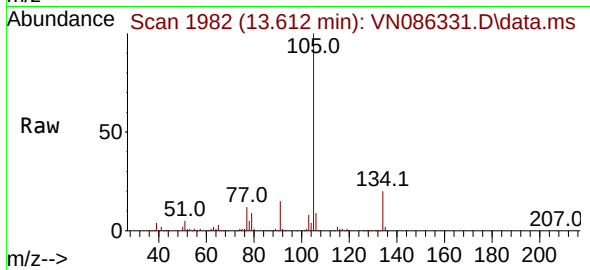
#85
 sec-Butylbenzene
 Concen: 46.371 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086331.D
 Acq: 18 Apr 2025 08:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 67478
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1

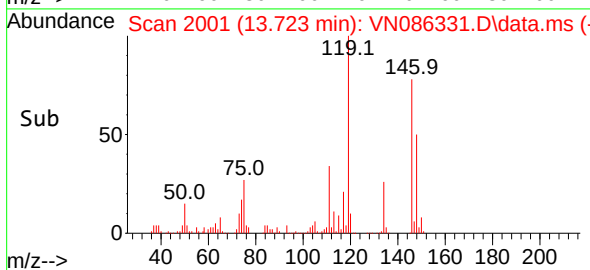
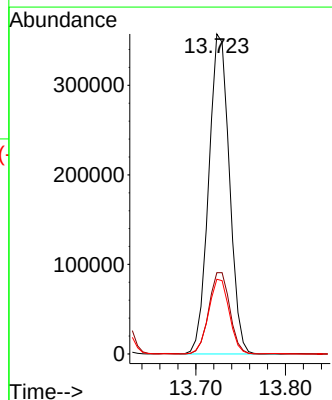
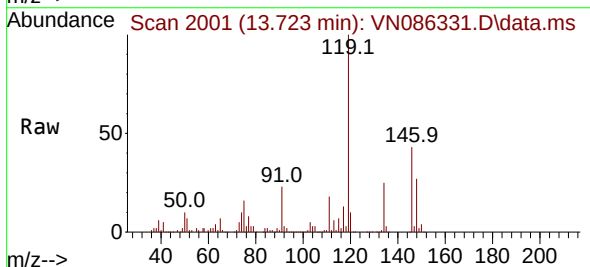
Manual Integrations
 APPROVED

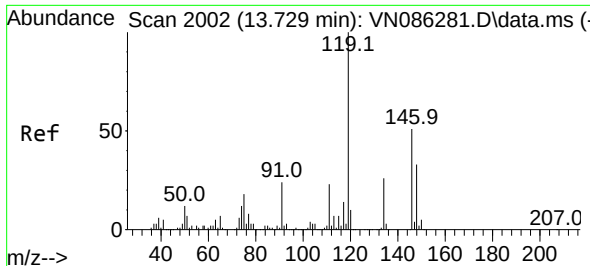
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#86
 p-Isopropyltoluene
 Concen: 47.619 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086331.D
 Acq: 18 Apr 2025 08:47

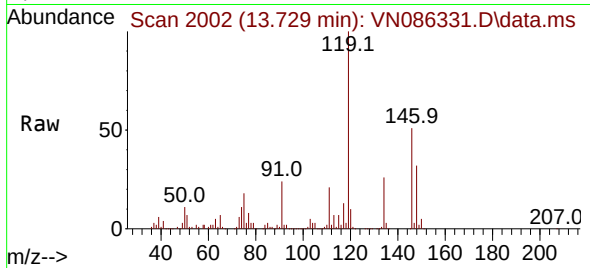
Tgt Ion:119 Resp: 571163
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.3 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 48.920 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

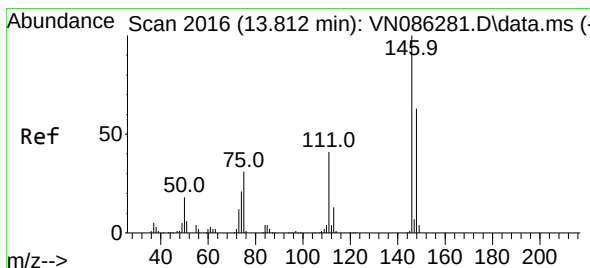
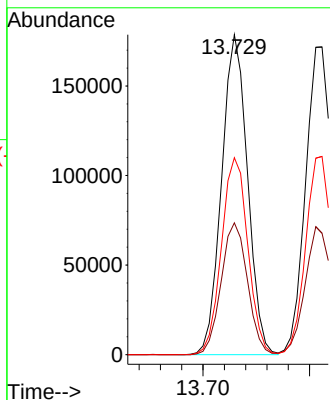
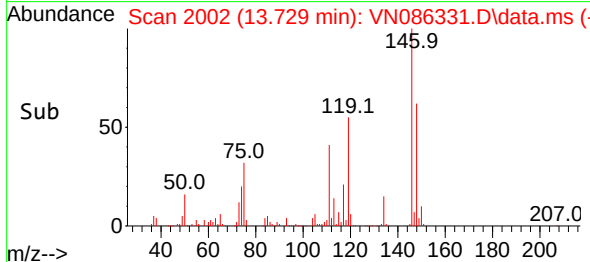
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



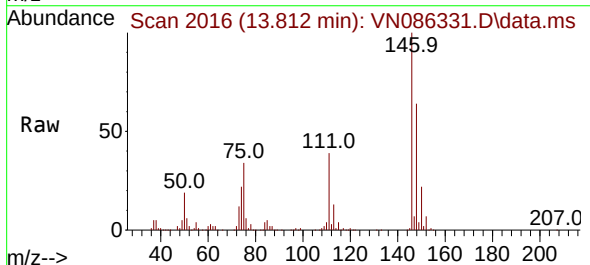
Tgt Ion:146 Resp: 301429
Ion Ratio Lower Upper
146 100
111 41.9 21.9 65.7
148 62.7 31.9 95.5

Manual Integrations
APPROVED

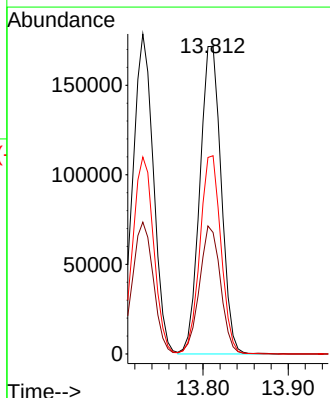
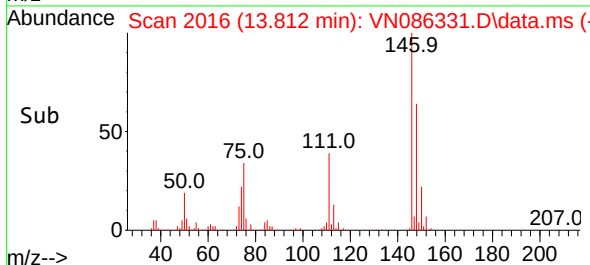
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

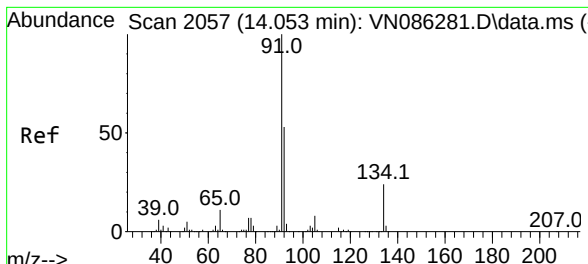


#88
1,4-Dichlorobenzene
Concen: 48.158 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



Tgt Ion:146 Resp: 298877
Ion Ratio Lower Upper
146 100
111 40.7 21.3 63.9
148 63.3 31.9 95.9





#89
n-Butylbenzene
Concen: 48.012 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

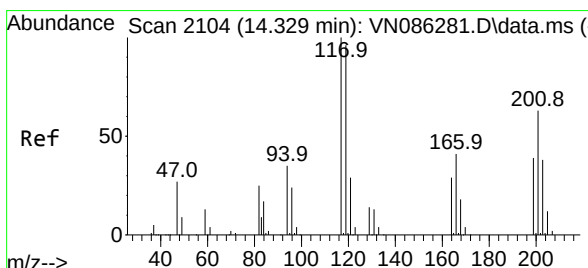
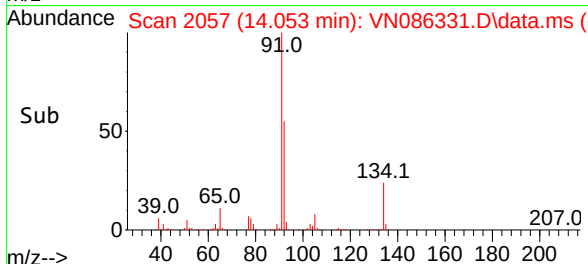
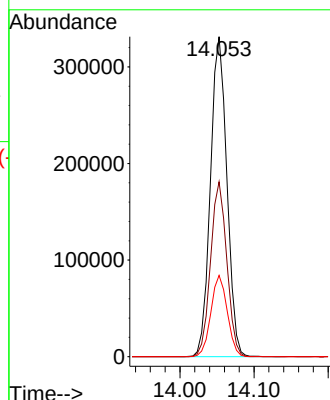
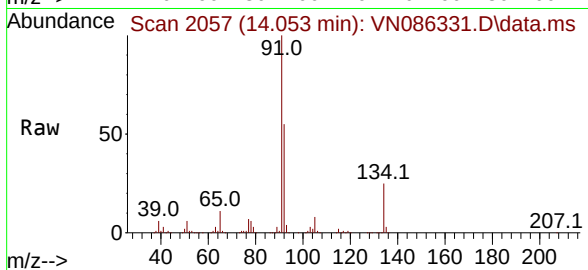
VSTDCCC050

Tgt Ion: 91 Resp: 51044
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.4
134 25.2 12.2 36.6

Manual Integrations

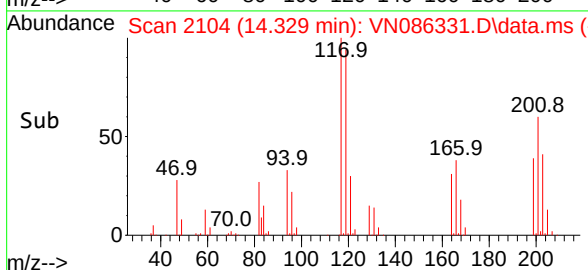
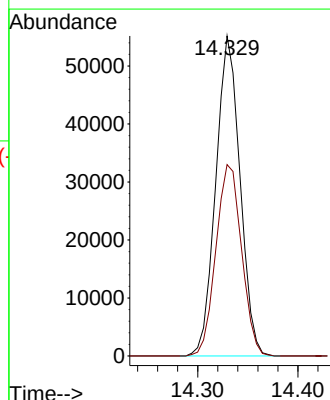
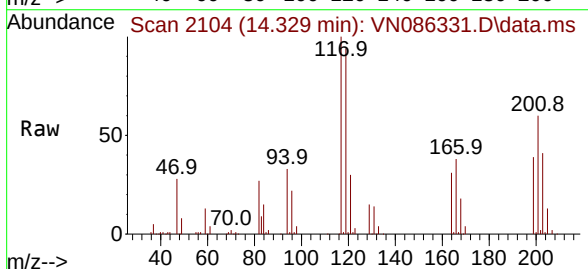
APPROVED

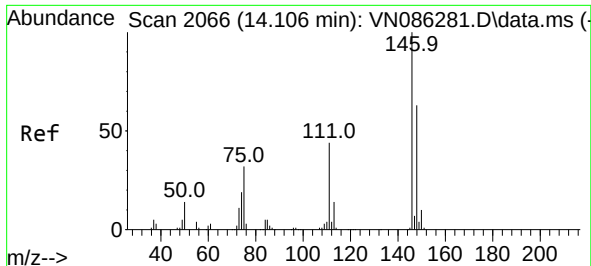
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#90
Hexachloroethane
Concen: 45.748 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion:117 Resp: 92297
Ion Ratio Lower Upper
117 100
201 63.3 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 48.568 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

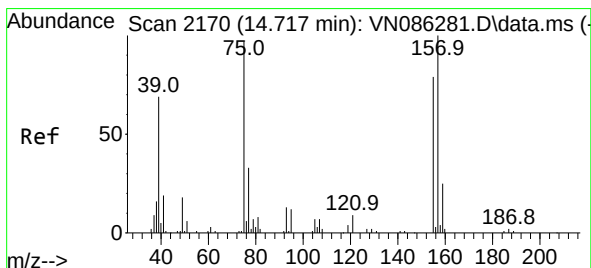
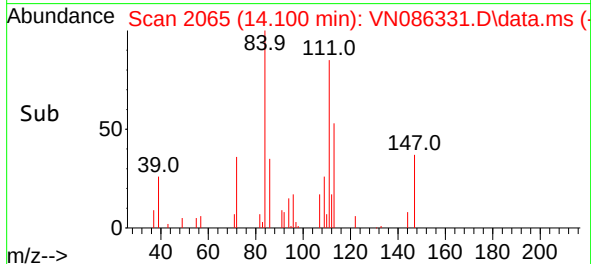
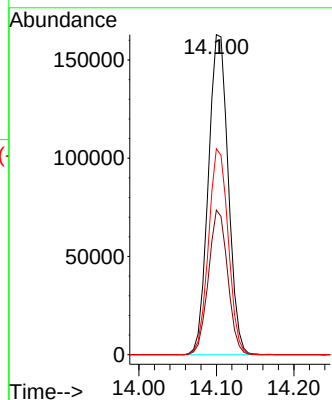
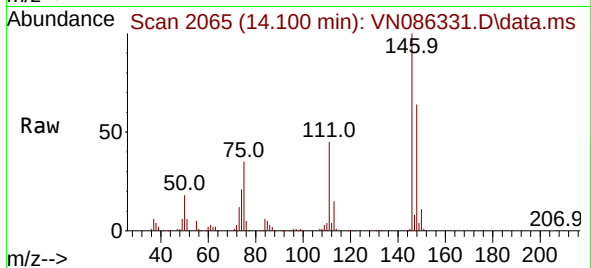
Tgt Ion:	146	Resp:	290139
Ion Ratio	Lower	Upper	
146	100		
111	43.7	22.4	67.0
148	63.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.752 ug/l

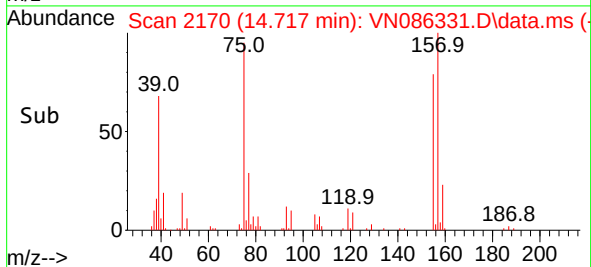
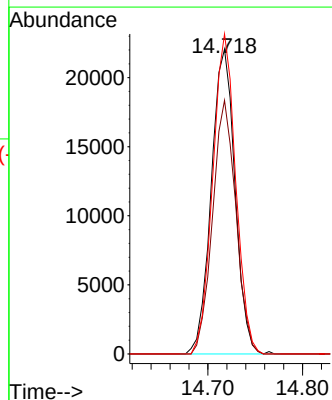
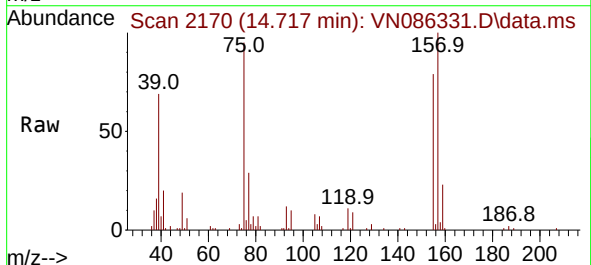
RT: 14.717 min Scan# 2170

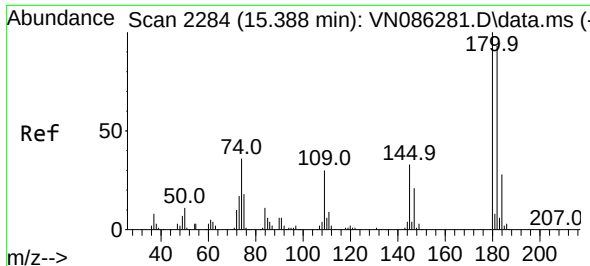
Delta R.T. 0.000 min

Lab File: VN086331.D

Acq: 18 Apr 2025 08:47

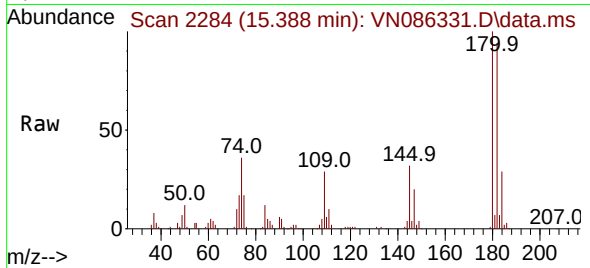
Tgt Ion:	75	Resp:	38381
Ion Ratio	Lower	Upper	
75	100		
155	81.6	40.3	120.9
157	102.0	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 49.588 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

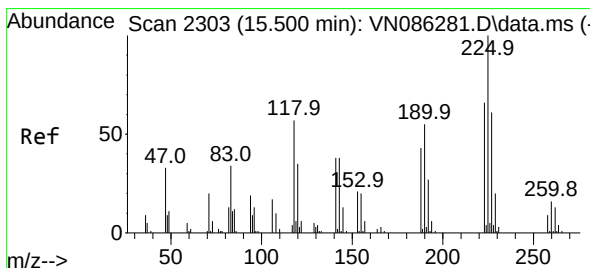
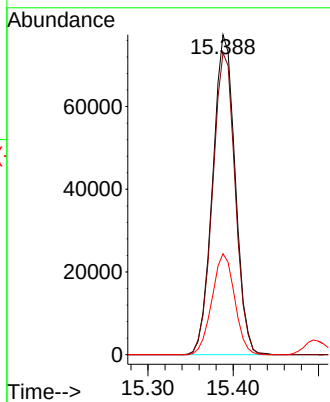
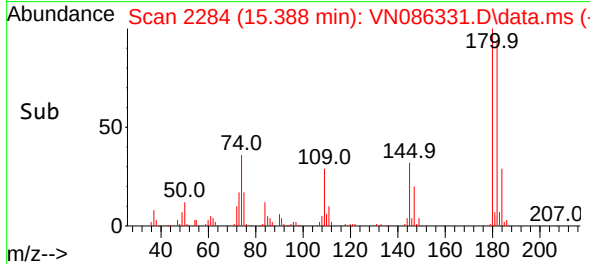
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



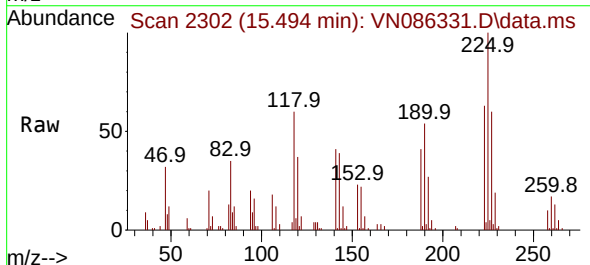
Tgt Ion:180 Resp: 141849
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 31.7 16.4 49.1

Manual Integrations
APPROVED

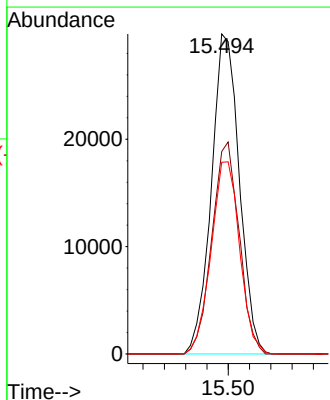
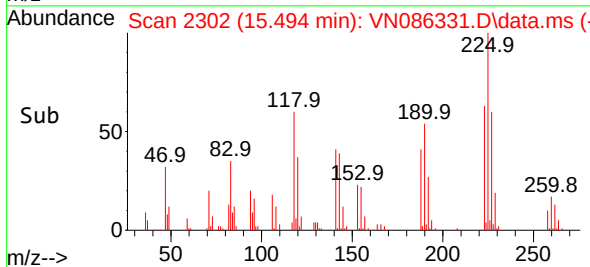
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

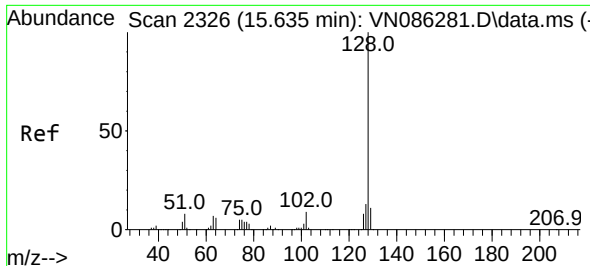


#94
Hexachlorobutadiene
Concen: 50.177 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47



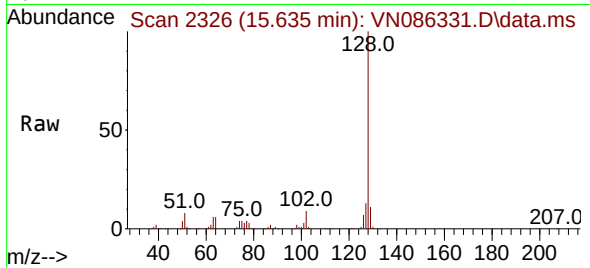
Tgt Ion:225 Resp: 54183
Ion Ratio Lower Upper
225 100
223 64.7 32.8 98.3
227 61.5 31.4 94.0





#95
Naphthalene
Concen: 46.486 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

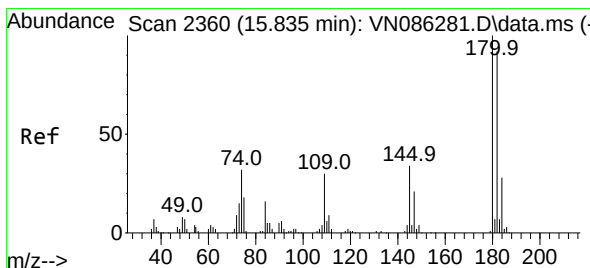
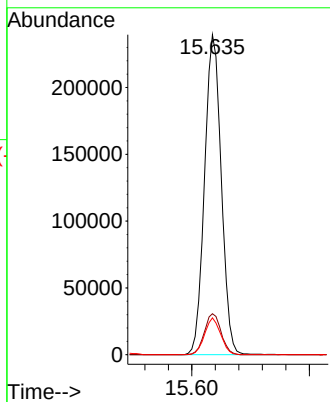
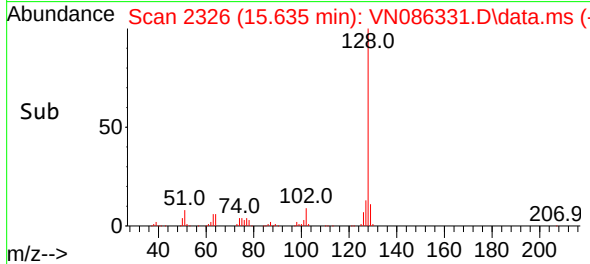
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 471384
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.140 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086331.D
Acq: 18 Apr 2025 08:47

Tgt Ion:180 Resp: 130375
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 33.1 17.2 51.5

