

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086590.D
 Acq On : 13 May 2025 10:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:37:52 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	321780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	291949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	123263	47.051	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
35) Dibromofluoromethane	8.165	113	94869	63.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	127.040%#		
50) Toluene-d8	10.565	98	390823	48.966	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.847	95	145630	50.024	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	118544	55.352	ug/l	99
3) Chloromethane	2.359	50	149228	47.944	ug/l	98
4) Vinyl Chloride	2.512	62	148423	49.970	ug/l	99
5) Bromomethane	2.947	94	80207	60.034	ug/l	100
6) Chloroethane	3.118	64	97793	49.194	ug/l	98
7) Trichlorofluoromethane	3.500	101	177073	53.820	ug/l	98
8) Diethyl Ether	3.959	74	70006	48.740	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	109602	55.068	ug/l	98
10) Methyl Iodide	4.588	142	121528	55.538	ug/l	99
11) Tert butyl alcohol	5.518	59	103978	217.526	ug/l	100
12) 1,1-Dichloroethene	4.341	96	107150	50.390	ug/l	99
13) Acrolein	4.171	56	81510	373.121	ug/l	96
14) Allyl chloride	5.024	41	160333	42.415	ug/l	95
15) Acrylonitrile	5.712	53	280859	237.685	ug/l	99
16) Acetone	4.424	43	223933	247.164	ug/l	97
17) Carbon Disulfide	4.712	76	301070	47.286	ug/l	98
18) Methyl Acetate	5.018	43	123419	39.246	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	377155	48.251	ug/l	99
20) Methylene Chloride	5.271	84	123413	50.956	ug/l	96
21) trans-1,2-Dichloroethene	5.782	96	115994	52.177	ug/l	96
22) Diisopropyl ether	6.665	45	385949	46.935	ug/l	97
23) Vinyl Acetate	6.600	43	1416774	246.467	ug/l	98
24) 1,1-Dichloroethane	6.565	63	215531	49.676	ug/l	97
25) 2-Butanone	7.476	43	365833	224.343	ug/l	97
26) 2,2-Dichloropropane	7.488	77	196663	50.625	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	141574	51.309	ug/l	96
28) Bromochloromethane	7.812	49	83480	45.378	ug/l	91
29) Tetrahydrofuran	7.835	42	240945	220.959	ug/l	96
30) Chloroform	7.959	83	221886	52.060	ug/l	100
31) Cyclohexane	8.253	56	192228	45.277	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	188885	51.806	ug/l	99
36) 1,1-Dichloropropene	8.365	75	159947	53.622	ug/l	98
37) Ethyl Acetate	7.559	43	148215	47.197	ug/l	100
38) Carbon Tetrachloride	8.359	117	160030	56.336	ug/l	99
39) Methylcyclohexane	9.600	83	181616	51.225	ug/l	97
40) Benzene	8.600	78	507568	53.110	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086590.D
 Acq On : 13 May 2025 10:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:37:52 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	89732	49.302	ug/l	98
42) 1,2-Dichloroethane	8.671	62	160085	52.527	ug/l	100
43) Isopropyl Acetate	8.682	43	291717	52.065	ug/l	100
44) Trichloroethene	9.347	130	124298	54.873	ug/l	96
45) 1,2-Dichloropropane	9.618	63	121128	51.778	ug/l	98
46) Dibromomethane	9.706	93	83703	56.156	ug/l	96
47) Bromodichloromethane	9.882	83	175859	54.627	ug/l	95
48) Methyl methacrylate	9.676	41	125914	45.658	ug/l	96
49) 1,4-Dioxane	9.694	88	45626	972.649	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	770949	239.742	ug/l	98
52) Toluene	10.629	92	326096	54.684	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	193890	53.954	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	205442	52.050	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	116643	54.366	ug/l	97
56) Ethyl methacrylate	10.870	69	198633	50.366	ug/l	97
57) 1,3-Dichloropropane	11.159	76	204284	53.665	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	392988	209.944	ug/l	97
59) 2-Hexanone	11.194	43	562016	235.625	ug/l	98
60) Dibromochloromethane	11.353	129	131974	56.016	ug/l	100
61) 1,2-Dibromoethane	11.464	107	119680	55.282	ug/l	99
64) Tetrachloroethene	11.100	164	120431	53.627	ug/l	99
65) Chlorobenzene	11.888	112	354057	54.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117885	54.846	ug/l	99
67) Ethyl Benzene	11.959	91	619144	52.662	ug/l	98
68) m/p-Xylenes	12.064	106	479857	108.927	ug/l	97
69) o-Xylene	12.394	106	234813	53.898	ug/l	98
70) Styrene	12.406	104	397010	54.692	ug/l	99
71) Bromoform	12.576	173	87840	54.280	ug/l #	99
73) Isopropylbenzene	12.694	105	575362	49.271	ug/l	99
74) N-amyl acetate	12.488	43	241348	41.516	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	166124	49.477	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	154633m	45.902	ug/l	
77) Bromobenzene	12.976	156	136368	52.704	ug/l	93
78) n-propylbenzene	13.029	91	681419	49.520	ug/l	100
79) 2-Chlorotoluene	13.123	91	426901	49.579	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	477918	50.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	64286m	45.830	ug/l	
82) 4-Chlorotoluene	13.217	91	427674	50.001	ug/l	99
83) tert-Butylbenzene	13.435	119	400971	48.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	486107	49.966	ug/l	99
85) sec-Butylbenzene	13.611	105	571783	49.776	ug/l	99
86) p-Isopropyltoluene	13.723	119	482406	50.950	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	257957	53.034	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	257564	52.574	ug/l	98
89) n-Butylbenzene	14.053	91	416910	49.677	ug/l	99
90) Hexachloroethane	14.329	117	81133	50.944	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	246513	52.274	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31363	46.326	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	119164	52.772	ug/l	99
94) Hexachlorobutadiene	15.499	225	43819	51.406	ug/l	98
95) Naphthalene	15.635	128	387786	48.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	110577	51.724	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
Data File : VN086590.D
Acq On : 13 May 2025 10:22
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

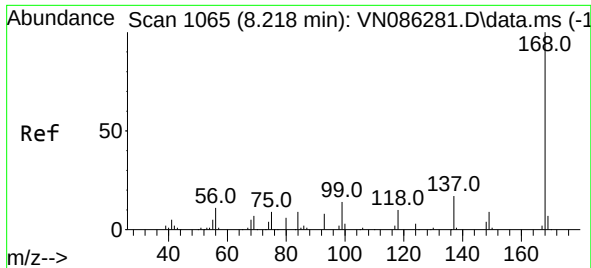
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:37:52 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

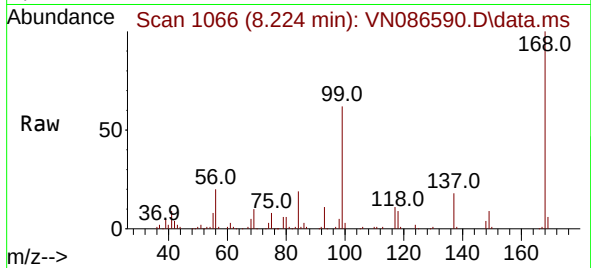
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

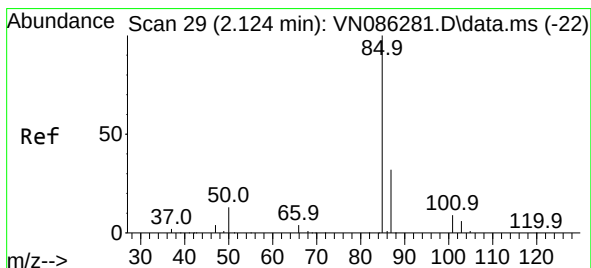
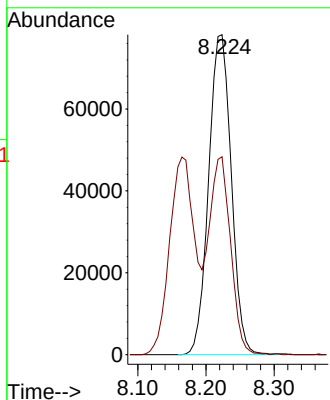
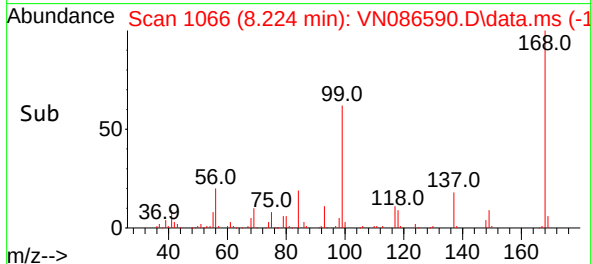
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 180664
Ion Ratio Lower Upper
168 100
99 61.6 52.5 78.7

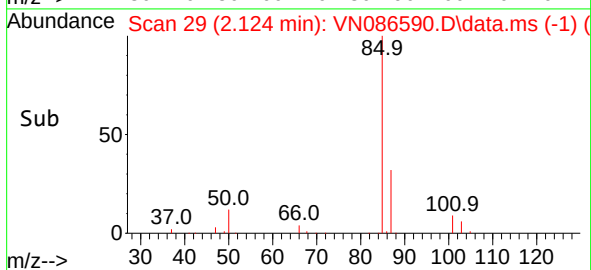
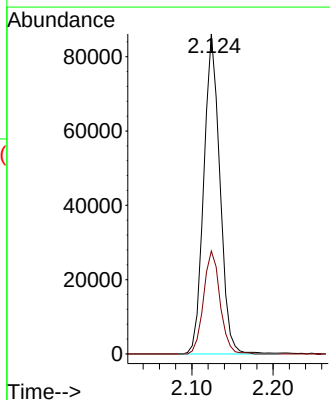
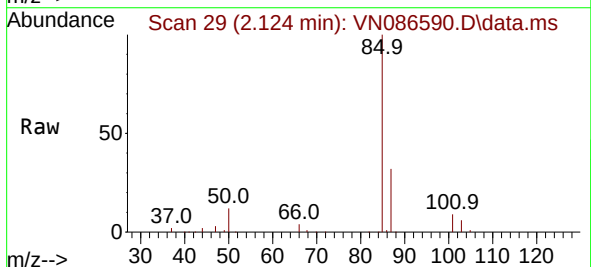
Manual Integrations
APPROVED

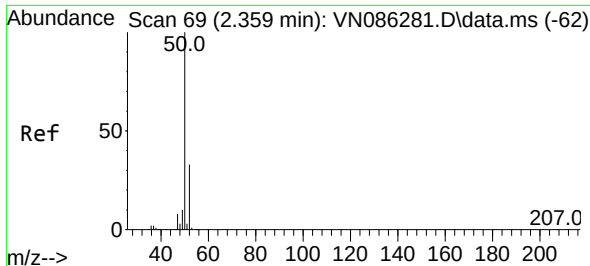
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 55.352 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

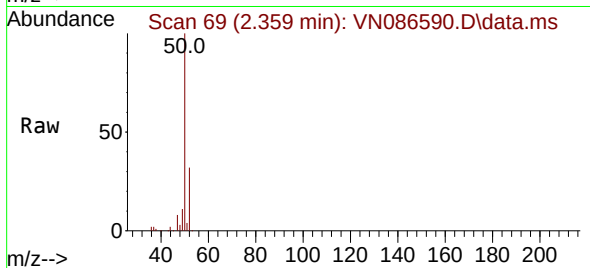
Tgt Ion: 85 Resp: 118544
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.8





#3
Chloromethane
Concen: 47.944 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

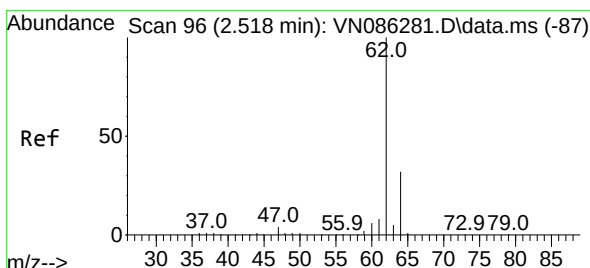
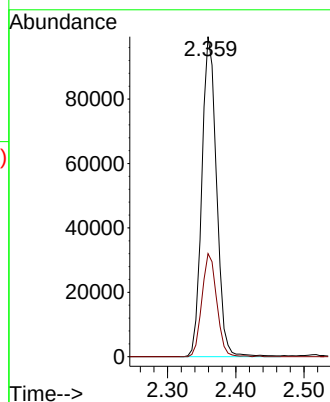
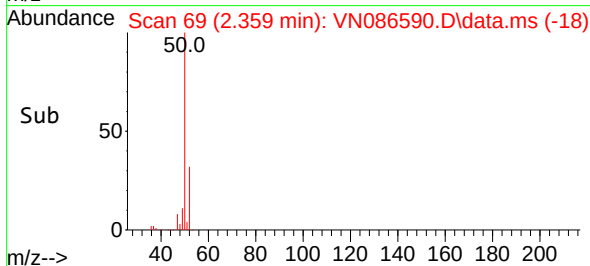
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 149228
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

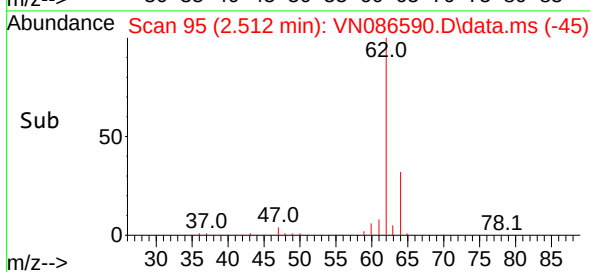
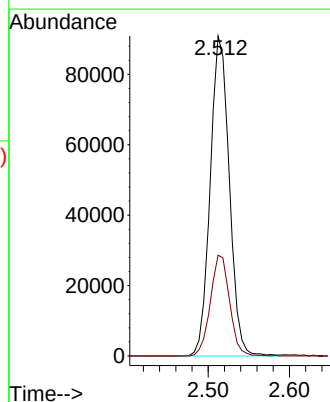
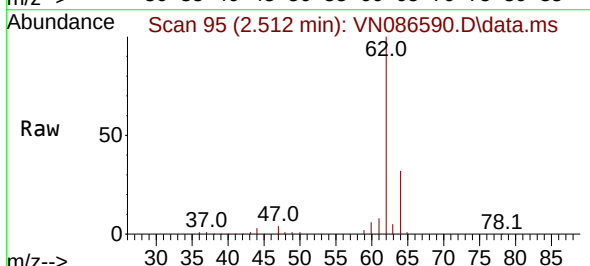
Manual Integrations
APPROVED

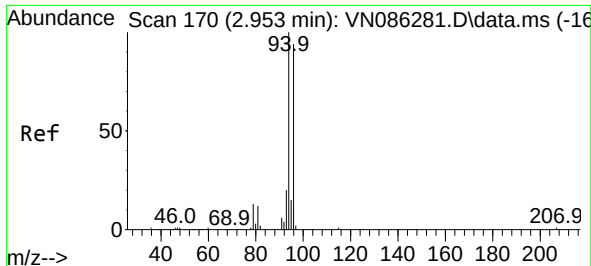
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#4
Vinyl Chloride
Concen: 49.970 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

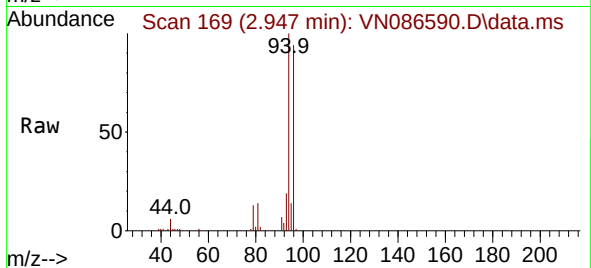
Tgt Ion: 62 Resp: 148423
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4





#5
Bromomethane
Concen: 60.034 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

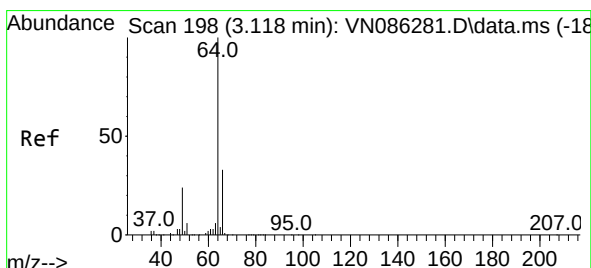
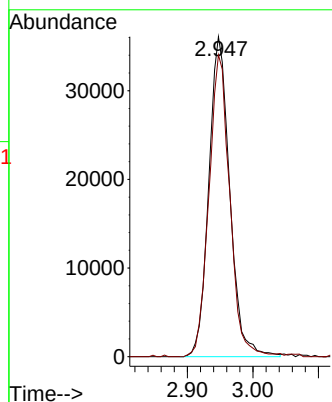
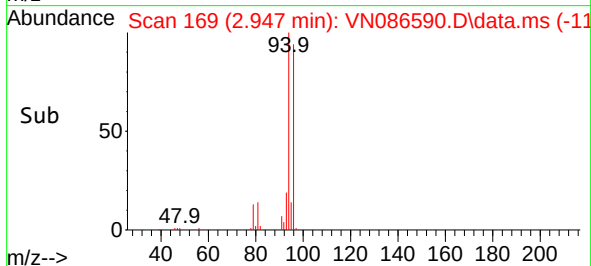
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 8020
Ion Ratio Lower Upper
94 100
96 94.3 75.2 112.8

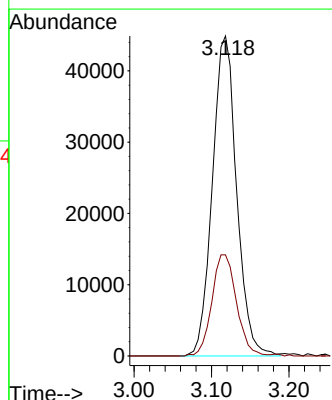
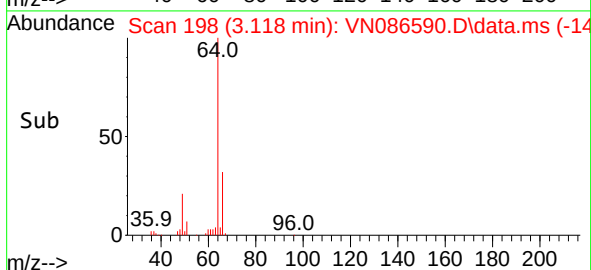
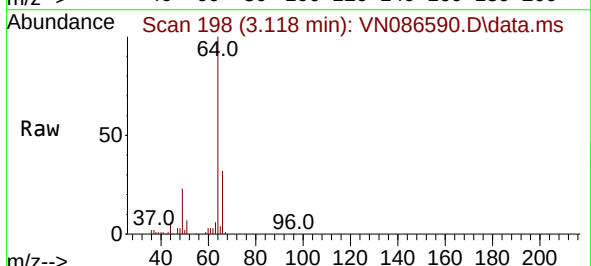
Manual Integrations
APPROVED

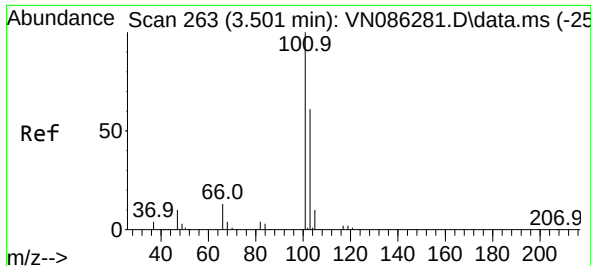
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#6
Chloroethane
Concen: 49.194 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

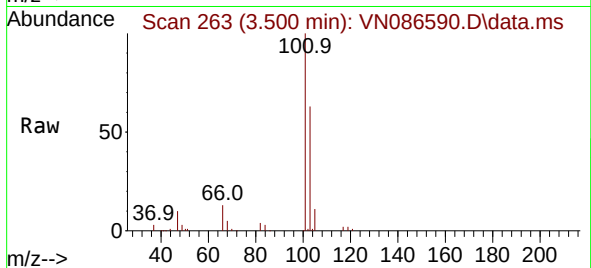
Tgt Ion: 64 Resp: 97793
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 53.820 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

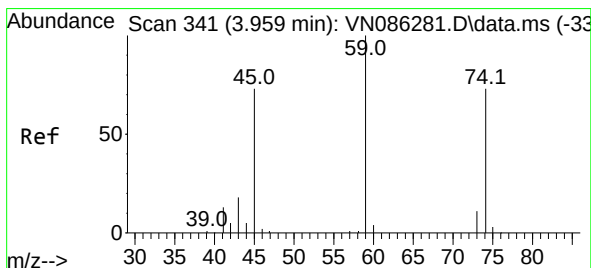
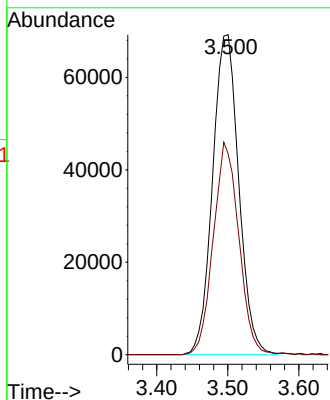
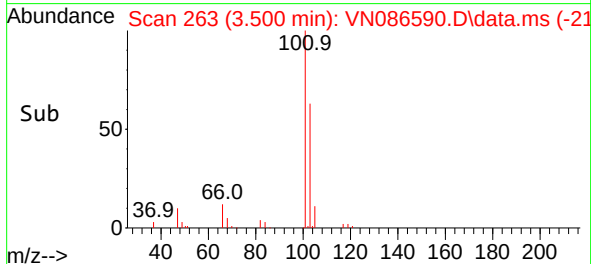
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 177073
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.2 73.8

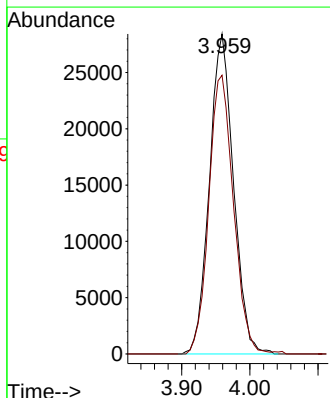
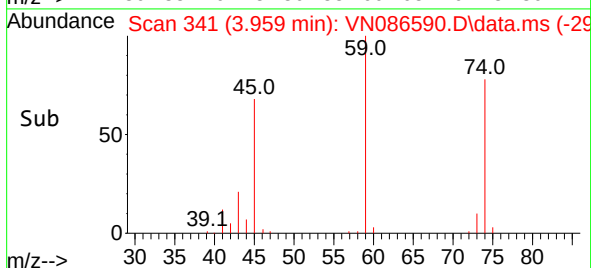
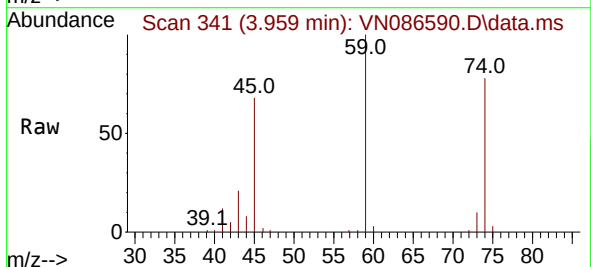
Manual Integrations
 APPROVED

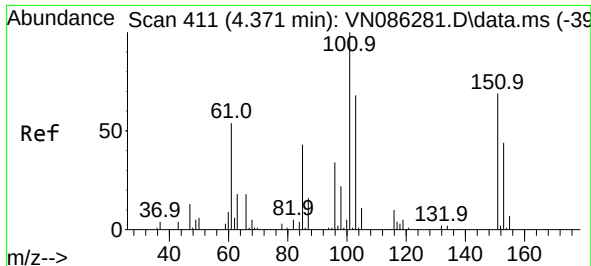
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#8
 Diethyl Ether
 Concen: 48.740 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

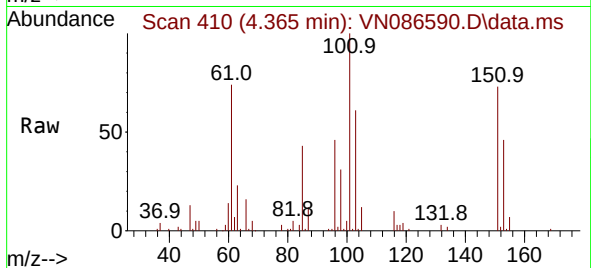
Tgt Ion: 74 Resp: 70006
 Ion Ratio Lower Upper
 74 100
 45 89.1 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.068 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

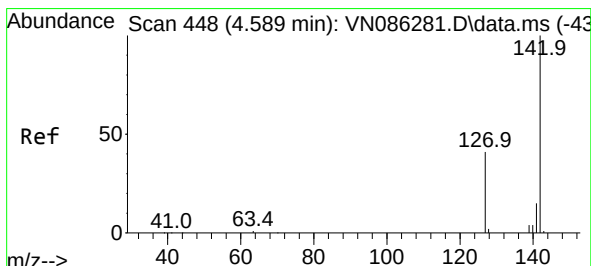
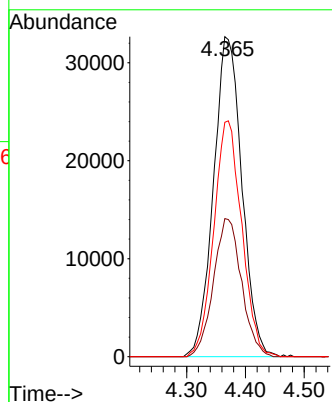
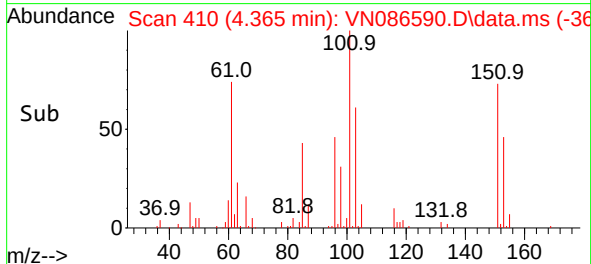
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 109602
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 72.5 56.1 84.1

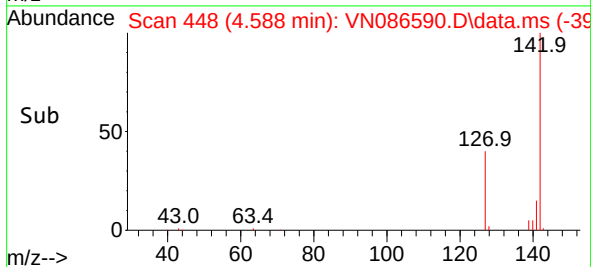
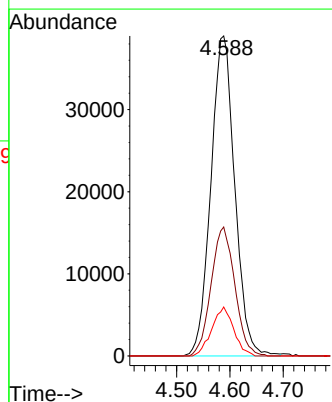
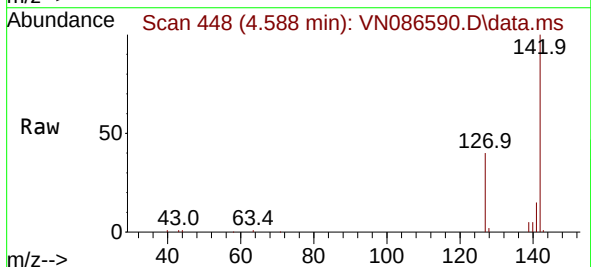
Manual Integrations
APPROVED

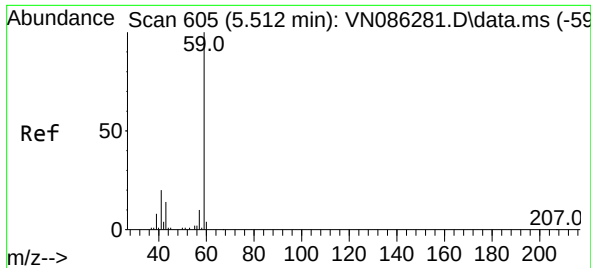
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#10
Methyl Iodide
Concen: 55.538 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

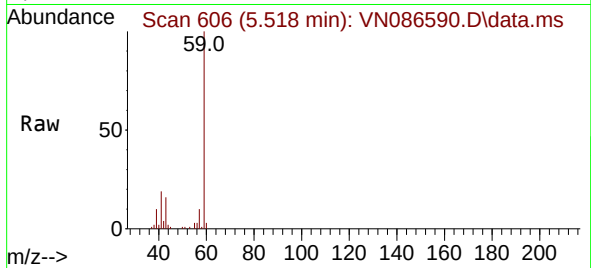
Tgt Ion:142 Resp: 121528
Ion Ratio Lower Upper
142 100
127 40.3 32.7 49.1
141 15.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 217.526 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

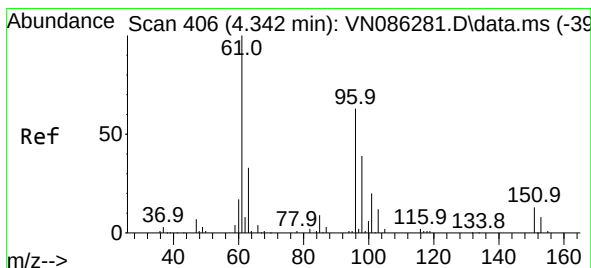
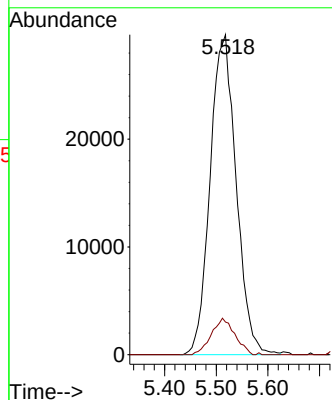
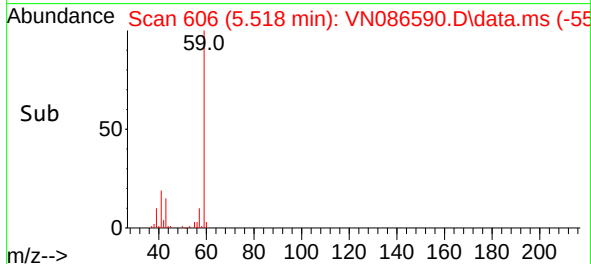
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



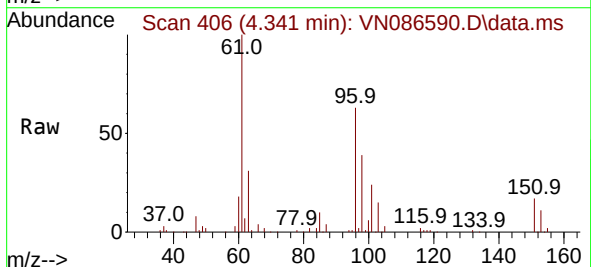
Tgt Ion: 59 Resp: 103978
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

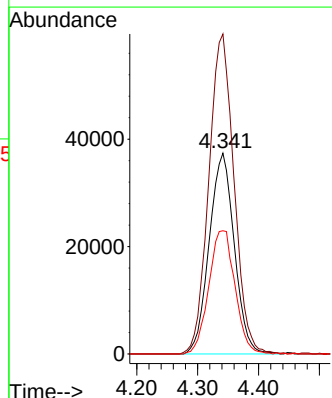
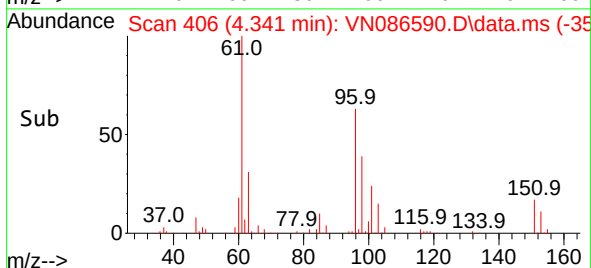
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

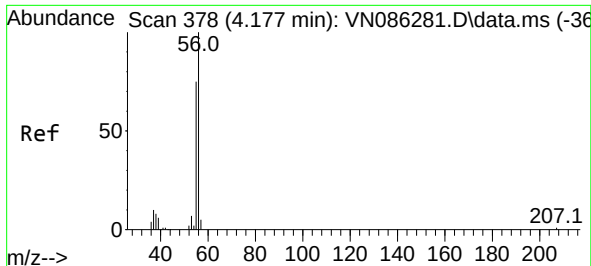


#12
1,1-Dichloroethene
Concen: 50.390 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



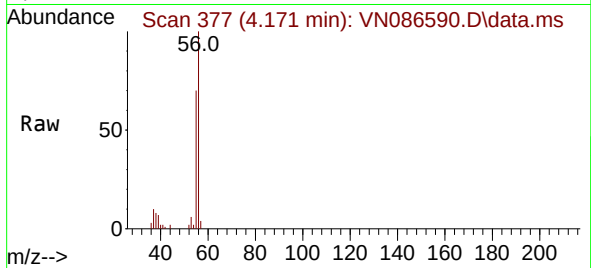
Tgt Ion: 96 Resp: 107150
Ion Ratio Lower Upper
96 100
61 159.4 126.6 189.8
98 61.4 49.6 74.4





#13
Acrolein
Concen: 373.121 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

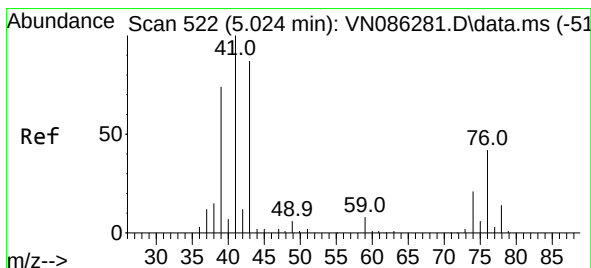
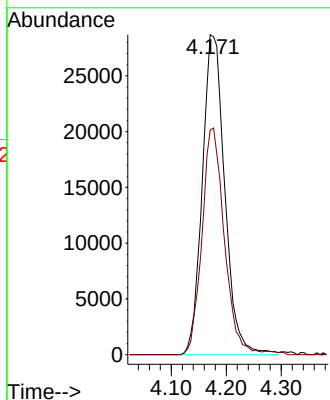
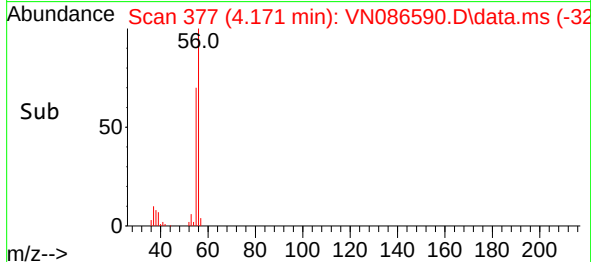
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 81510
Ion Ratio Lower Upper
56 100
55 70.1 58.5 87.7

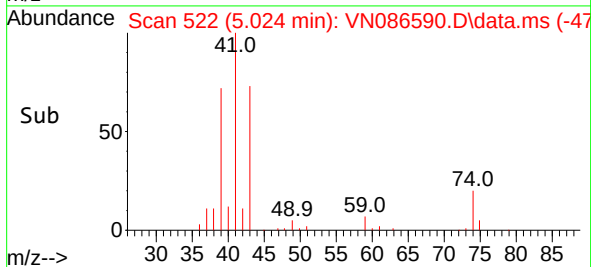
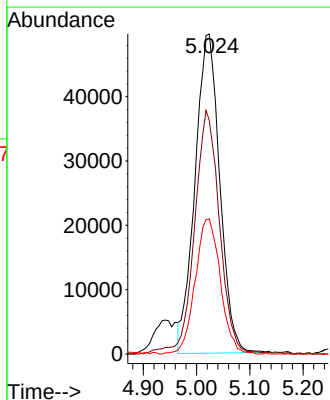
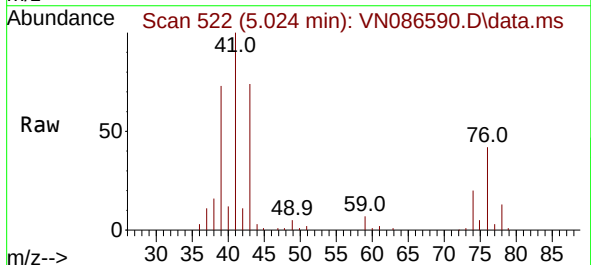
Manual Integrations
APPROVED

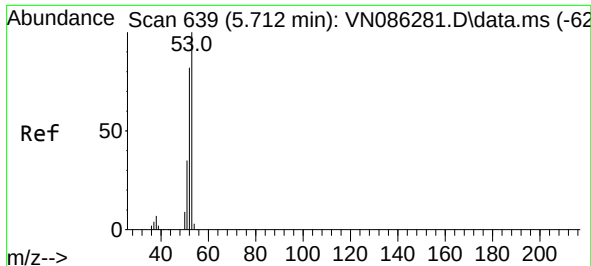
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#14
Allyl chloride
Concen: 42.415 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

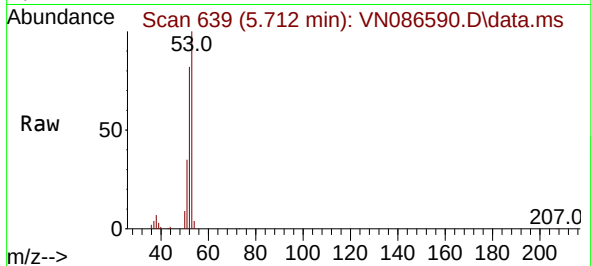
Tgt Ion: 41 Resp: 160333
Ion Ratio Lower Upper
41 100
39 77.0 59.2 88.8
76 42.9 31.2 46.8





#15
Acrylonitrile
Concen: 237.685 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

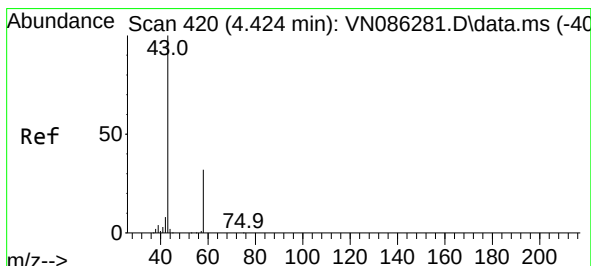
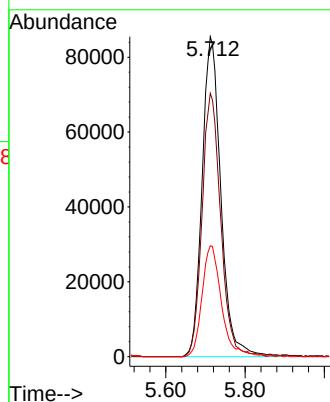
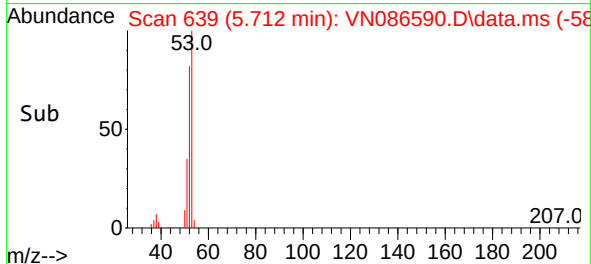
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 280859
Ion Ratio Lower Upper
53 100
52 81.3 65.5 98.3
51 35.8 28.6 42.8

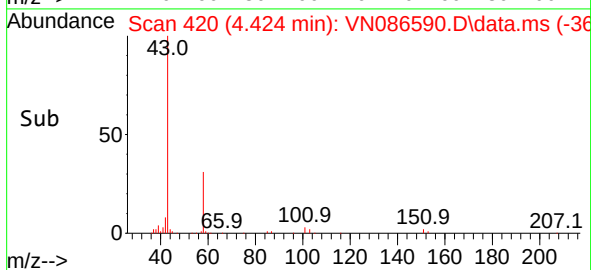
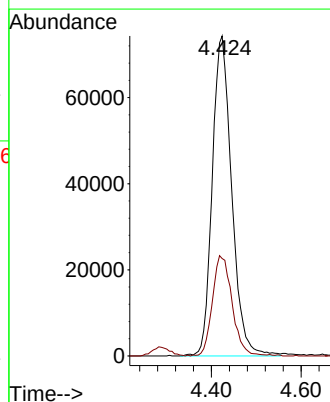
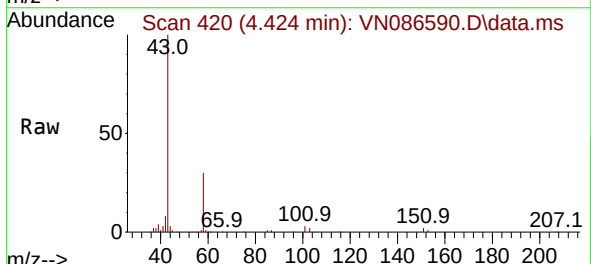
Manual Integrations
APPROVED

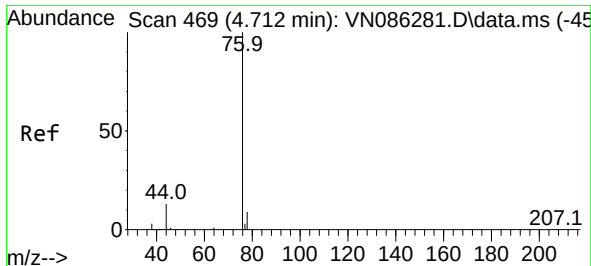
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 247.164 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

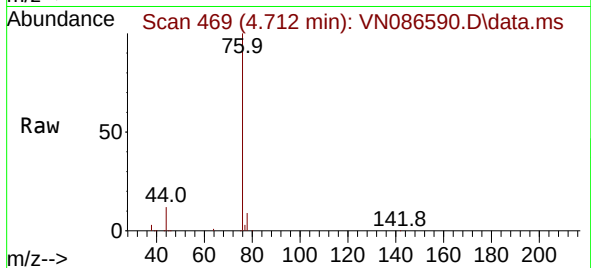
Tgt Ion: 43 Resp: 223933
Ion Ratio Lower Upper
43 100
58 30.2 25.3 37.9





#17
Carbon Disulfide
Concen: 47.286 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

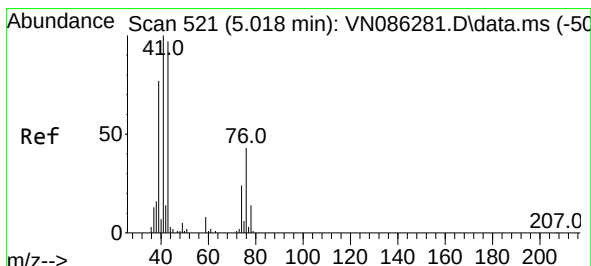
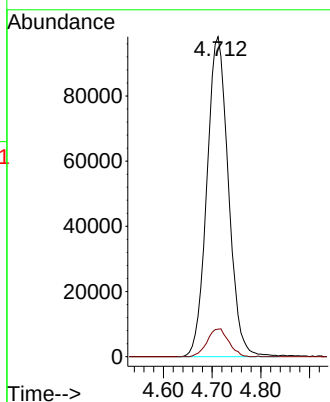
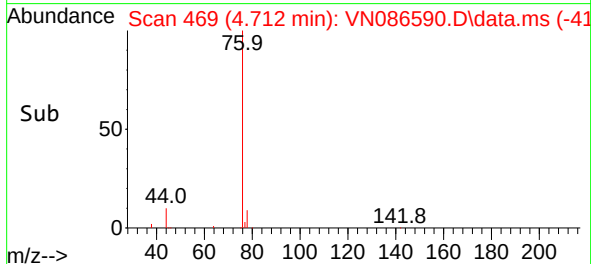
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 301070
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

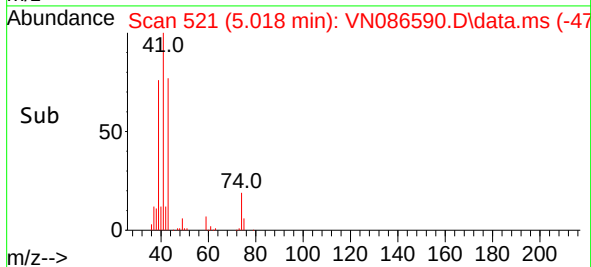
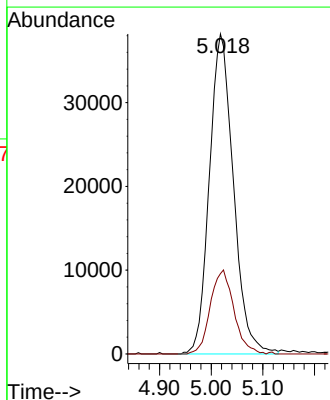
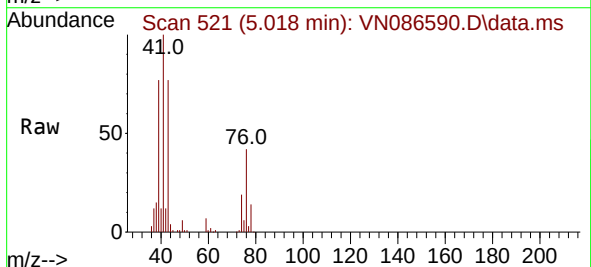
Manual Integrations
APPROVED

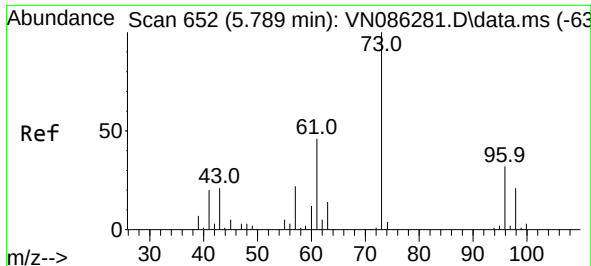
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#18
Methyl Acetate
Concen: 39.246 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

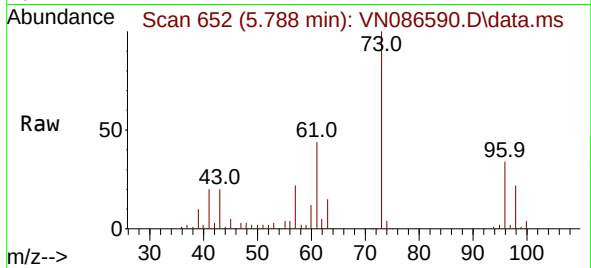
Tgt Ion: 43 Resp: 123419
Ion Ratio Lower Upper
43 100
74 25.7 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 48.251 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

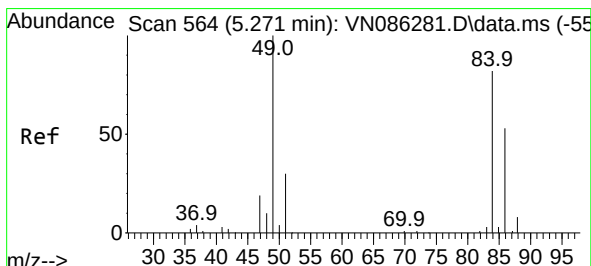
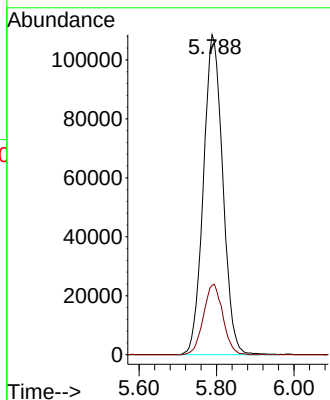
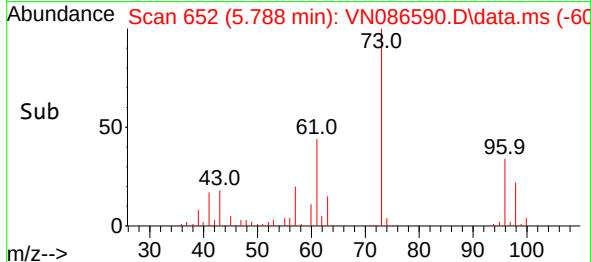
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



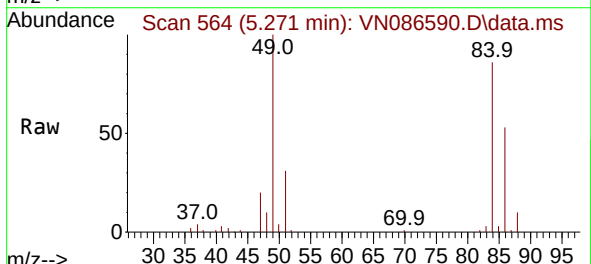
Tgt Ion: 73 Resp: 37715
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

Manual Integrations
APPROVED

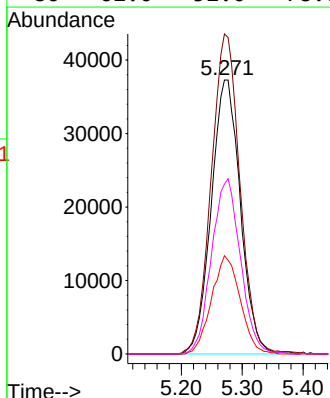
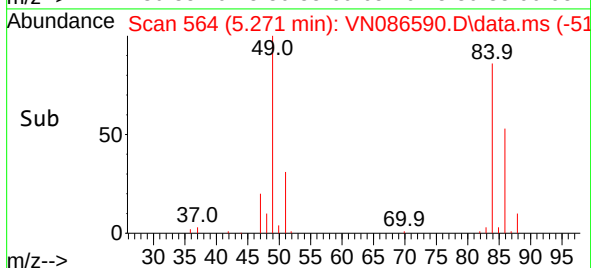
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

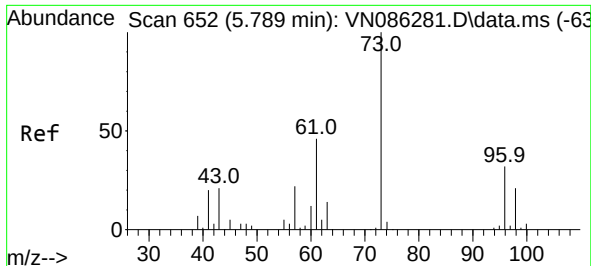


#20
Methylene Chloride
Concen: 50.956 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



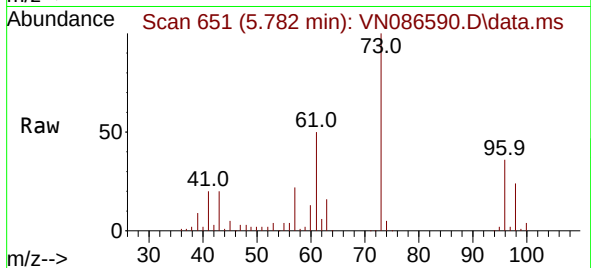
Tgt Ion: 84 Resp: 123413
Ion Ratio Lower Upper
84 100
49 116.8 98.2 147.2
51 35.9 29.8 44.6
86 62.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 52.177 ug/l
RT: 5.782 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

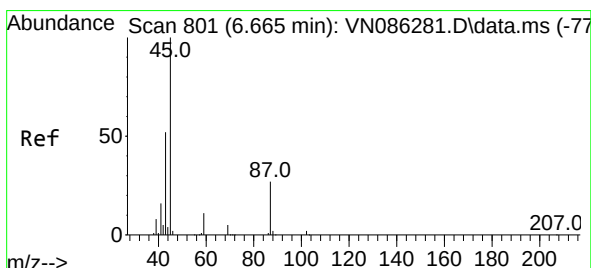
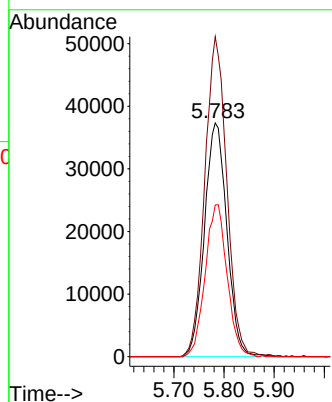
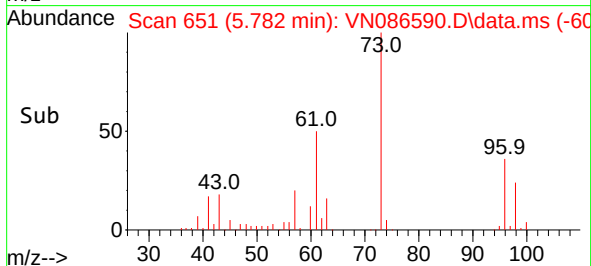
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



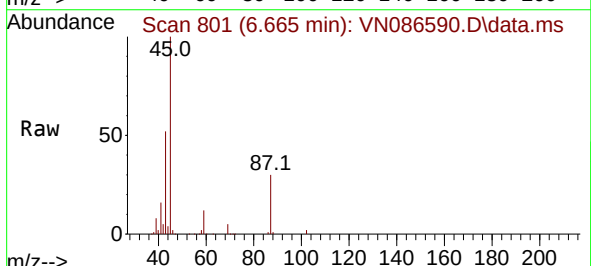
Tgt Ion: 96 Resp: 115994
Ion Ratio Lower Upper
96 100
61 136.9 114.6 171.8
98 64.9 51.2 76.8

Manual Integrations
APPROVED

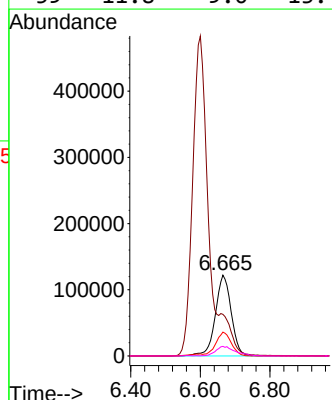
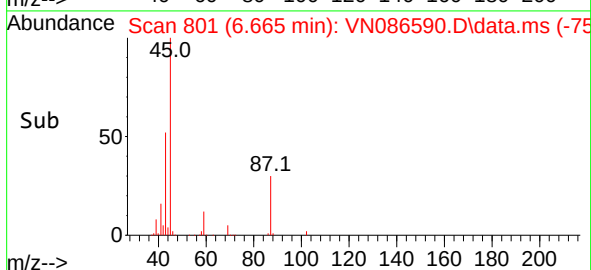
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

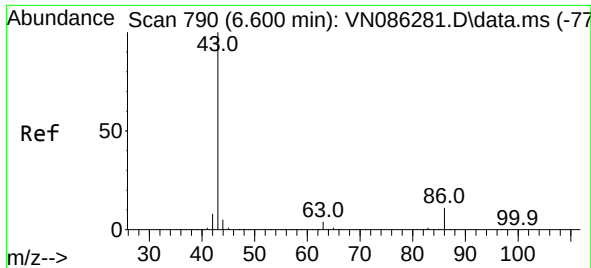


#22
Diisopropyl ether
Concen: 46.935 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



Tgt Ion: 45 Resp: 385949
Ion Ratio Lower Upper
45 100
43 51.0 41.8 62.8
87 29.6 21.6 32.4
59 11.8 9.0 13.4





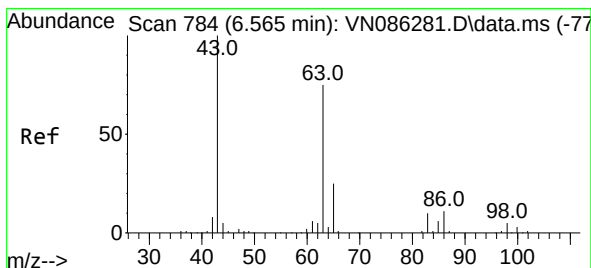
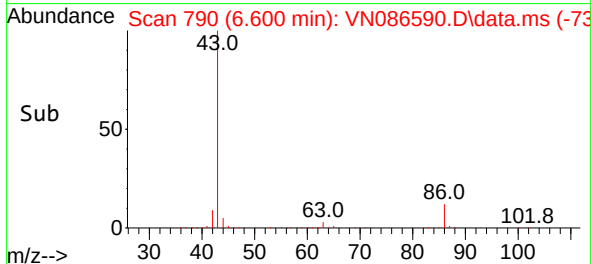
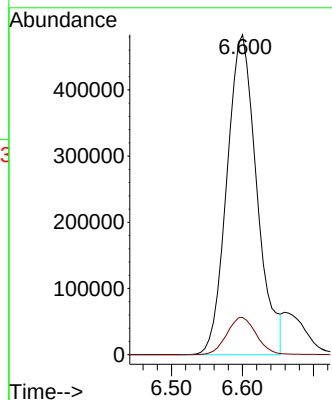
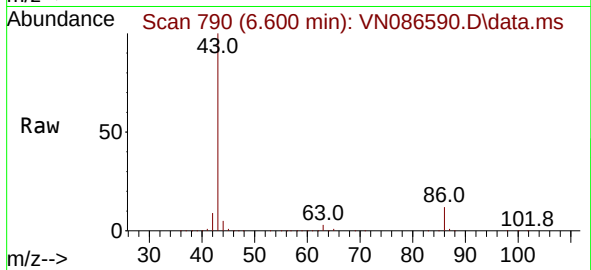
#23
 Vinyl Acetate
 Concen: 246.467 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1416774
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 13.0

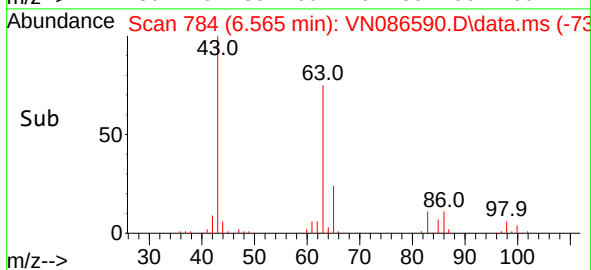
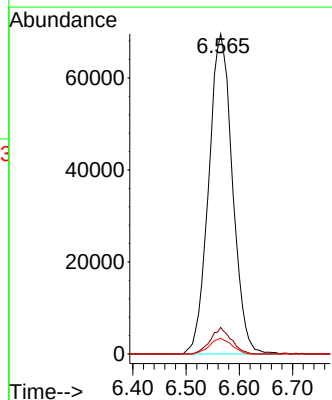
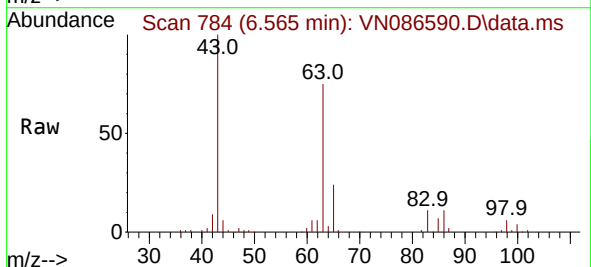
Manual Integrations
 APPROVED

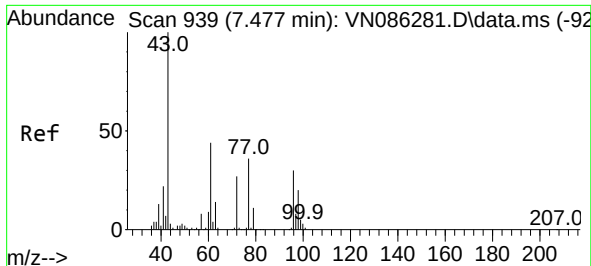
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#24
 1,1-Dichloroethane
 Concen: 49.676 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

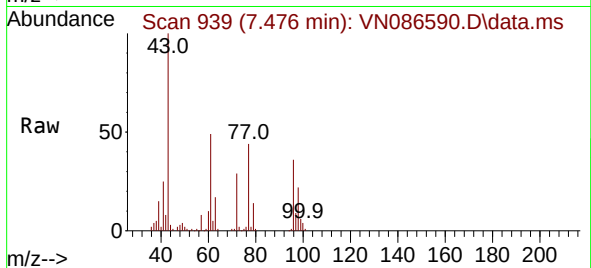
Tgt Ion: 63 Resp: 215531
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.4 10.2
 100 4.9 2.1 6.5





#25
2-Butanone
Concen: 224.343 ug/l
RT: 7.476 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

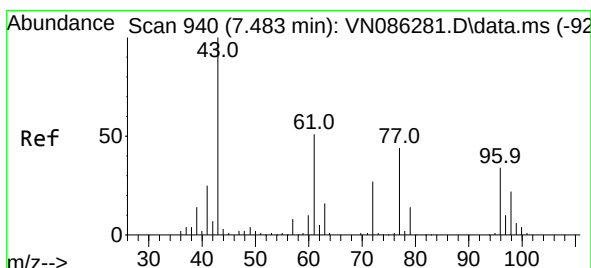
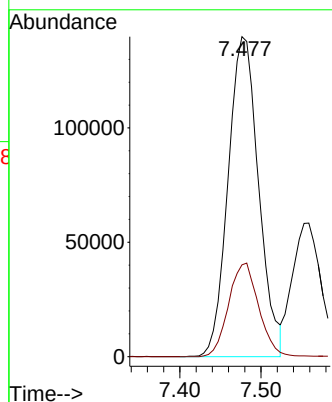
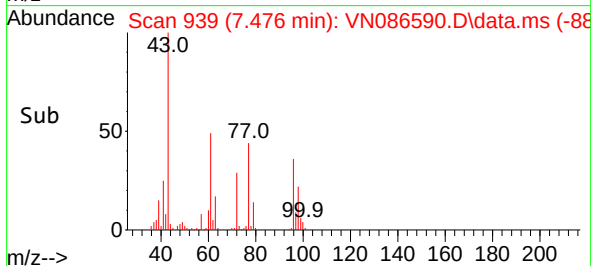
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



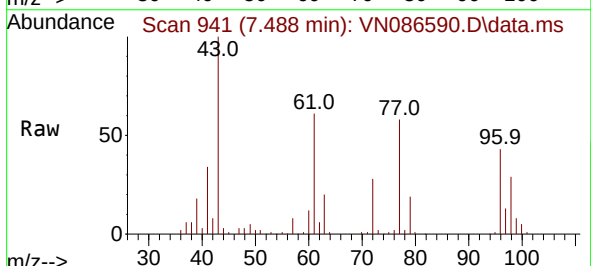
Tgt Ion: 43 Resp: 36583
Ion Ratio Lower Upper
43 100
72 28.7 21.7 32.5

Manual Integrations
APPROVED

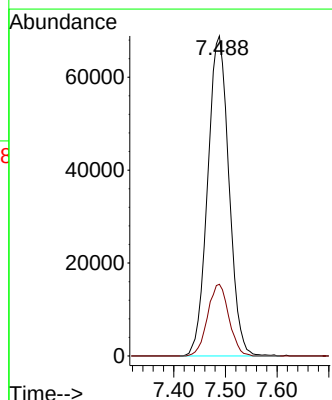
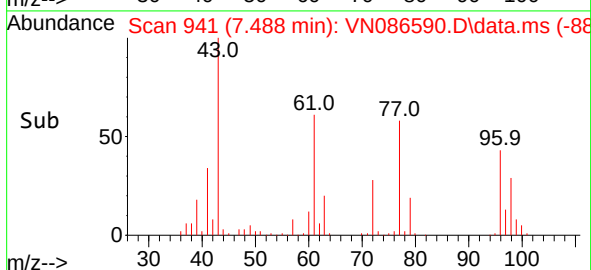
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

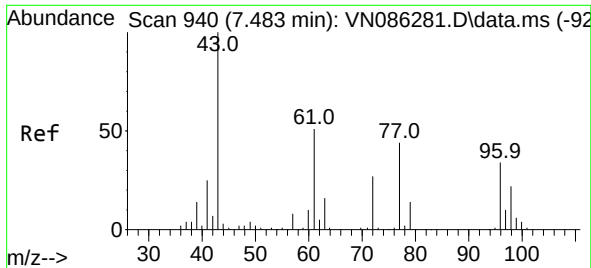


#26
2,2-Dichloropropane
Concen: 50.625 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



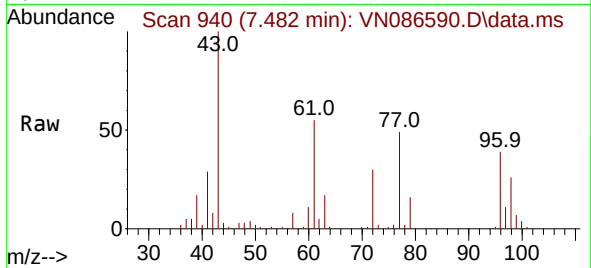
Tgt Ion: 77 Resp: 196663
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 51.309 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

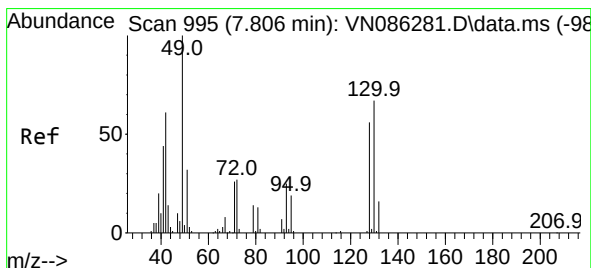
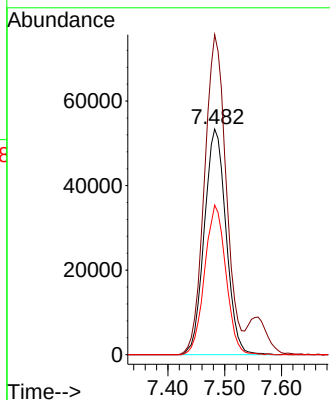
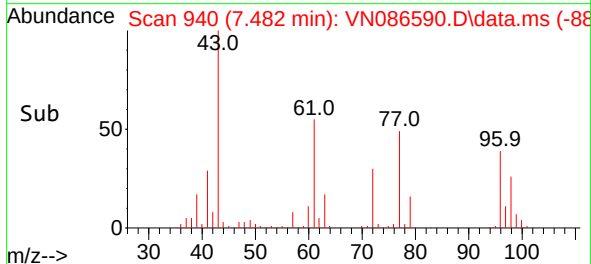
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 141574
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 299.0
 98 64.8 0.0 129.6

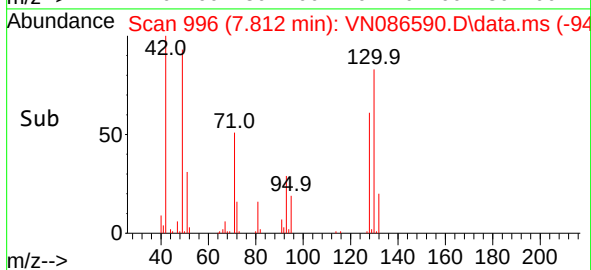
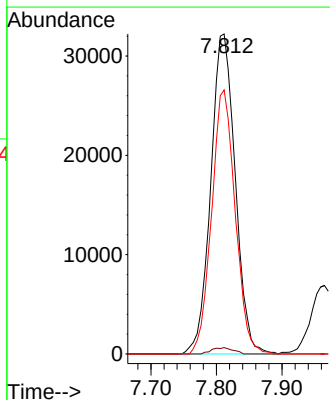
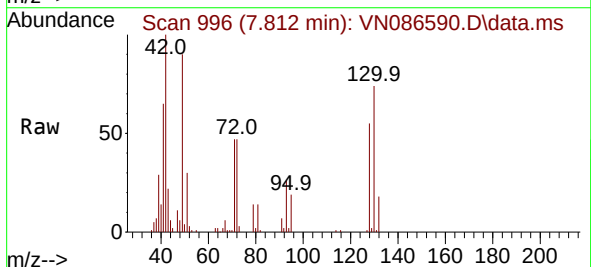
Manual Integrations
 APPROVED

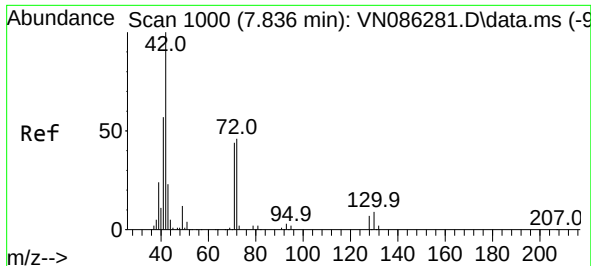
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#28
 Bromochloromethane
 Concen: 45.378 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

Tgt Ion: 49 Resp: 83480
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 79.3 57.1 85.7





#29

Tetrahydrofuran

Concen: 220.959 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086590.D

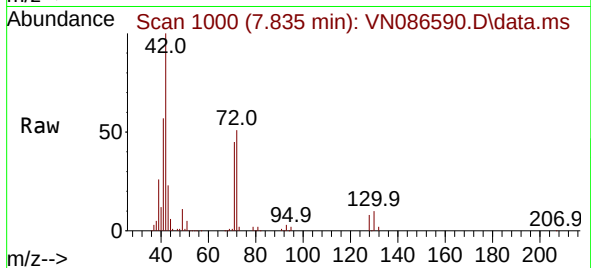
Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



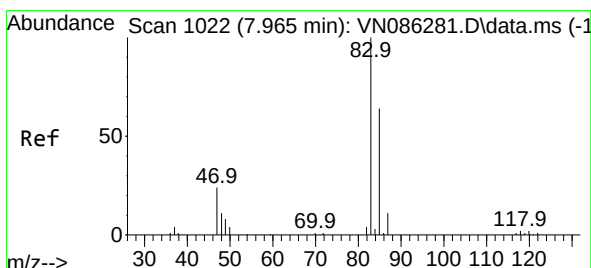
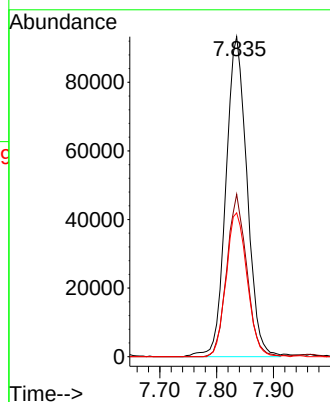
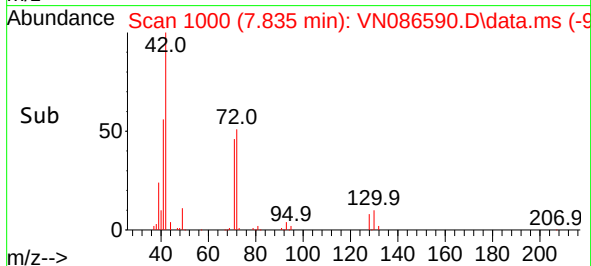
Tgt Ion:	42	Resp:	24094
Ion Ratio	100	Lower	Upper
42	100		
72	47.9	36.2	54.4
71	44.9	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#30

Chloroform

Concen: 52.060 ug/l

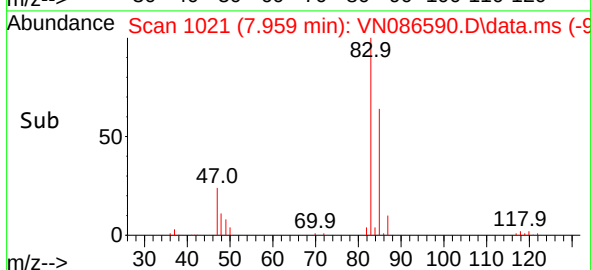
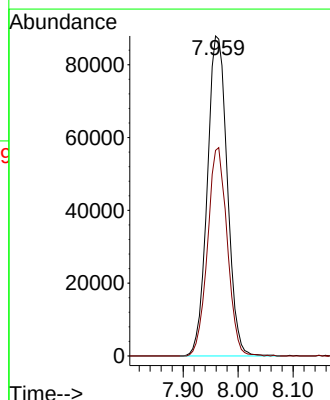
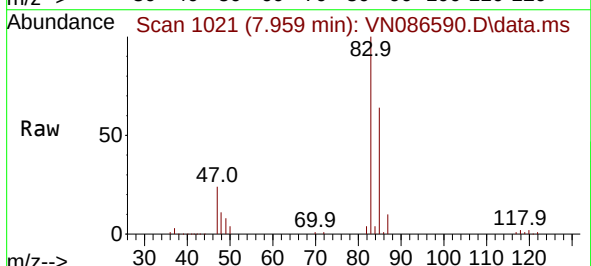
RT: 7.959 min Scan# 1021

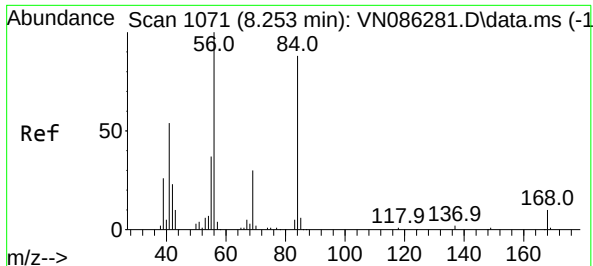
Delta R.T. -0.006 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

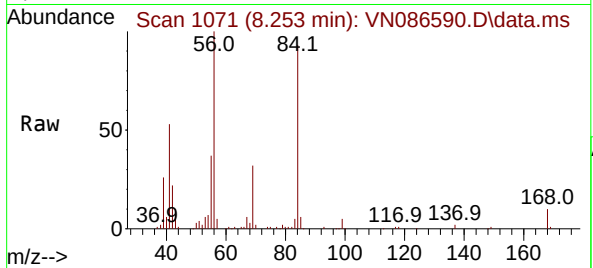
Tgt Ion:	83	Resp:	221886
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	51.5	77.3





#31
Cyclohexane
Concen: 45.277 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

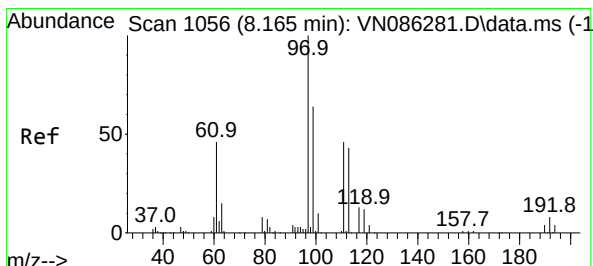
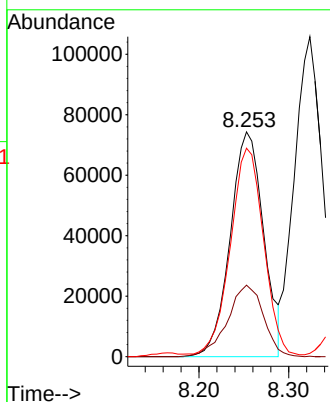
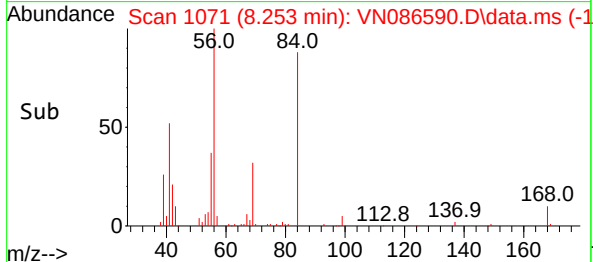
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



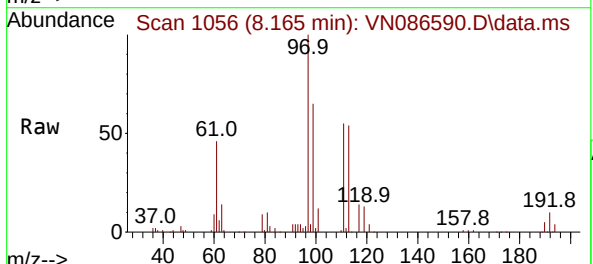
Tgt Ion: 56 Resp: 192228
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.2
84 91.6 70.3 105.5

Manual Integrations
APPROVED

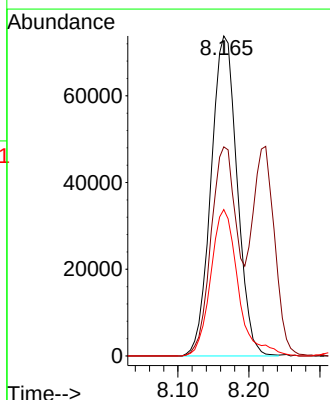
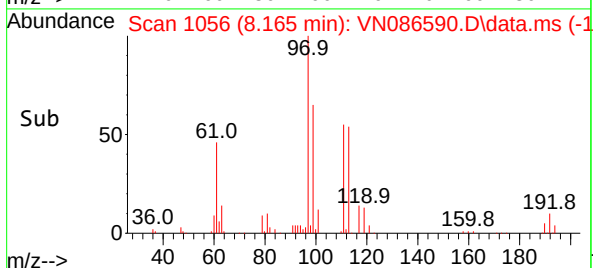
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

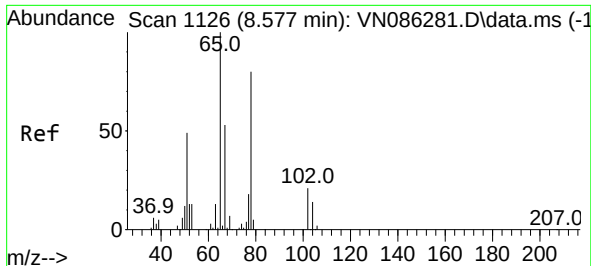


#32
1,1,1-Trichloroethane
Concen: 51.806 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



Tgt Ion: 97 Resp: 188885
Ion Ratio Lower Upper
97 100
99 66.2 52.7 79.1
61 47.9 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 47.051 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12326

Ion Ratio Lower Upper

65 100

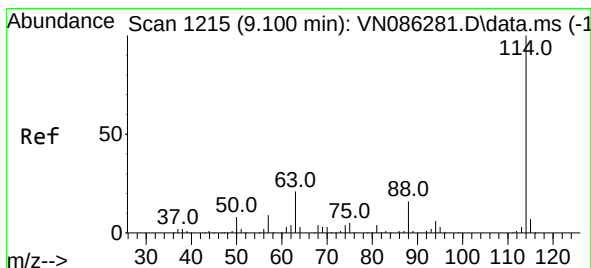
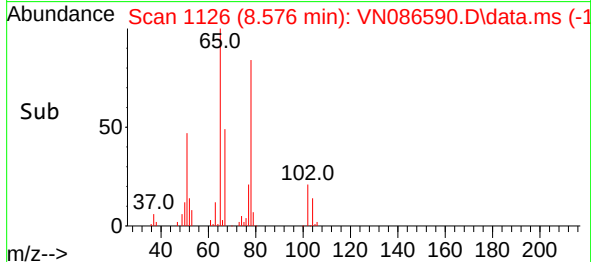
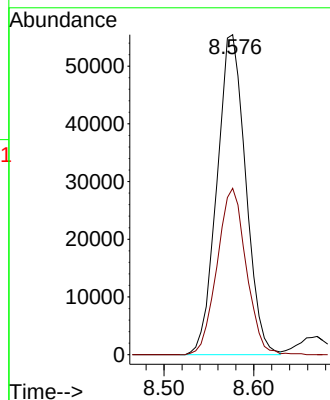
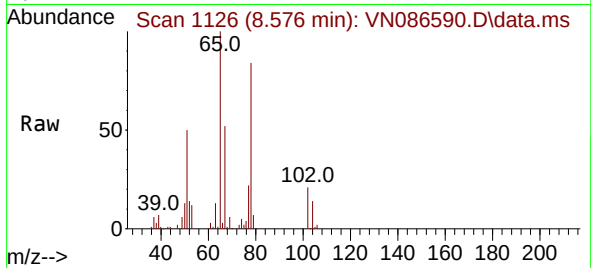
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

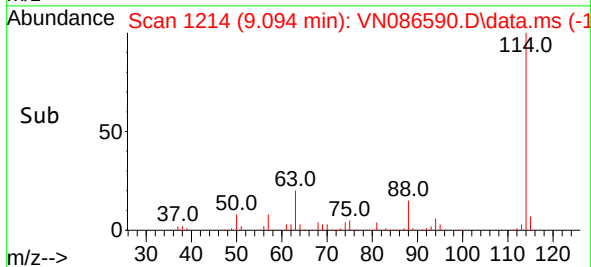
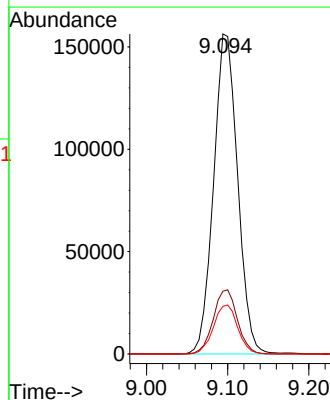
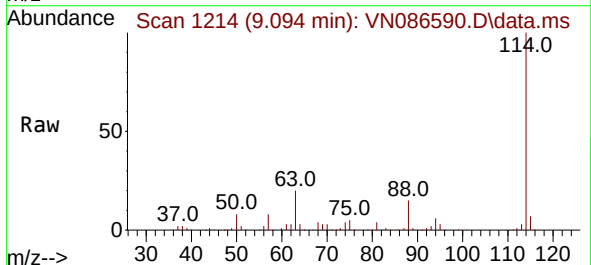
Tgt Ion:114 Resp: 321780

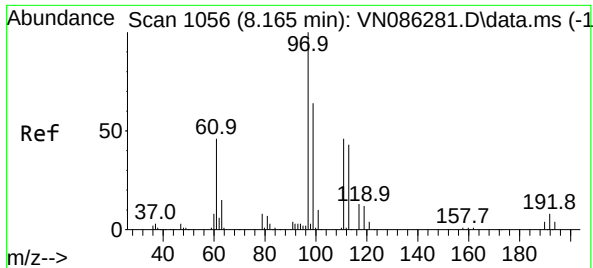
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 63.525 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

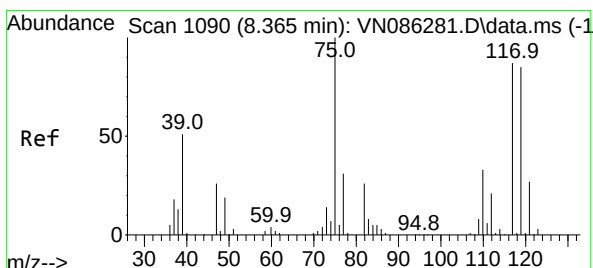
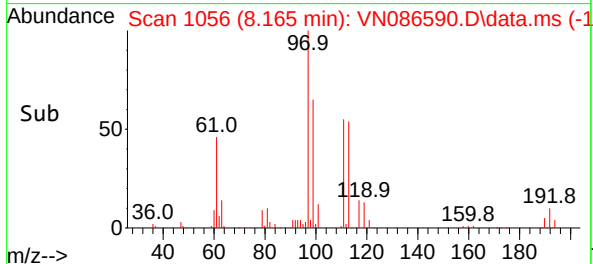
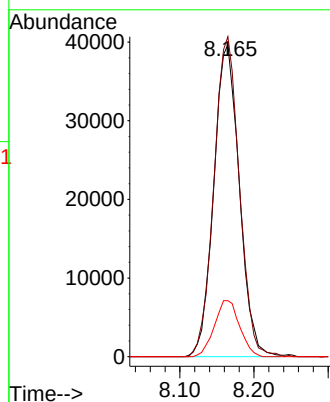
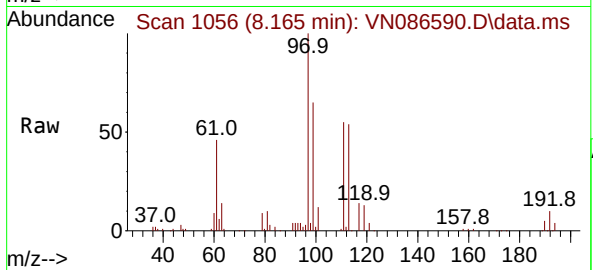
Tgt Ion:	113	Resp:	9486
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.4	125.0
192	17.8	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#36

1,1-Dichloropropene

Concen: 53.622 ug/l

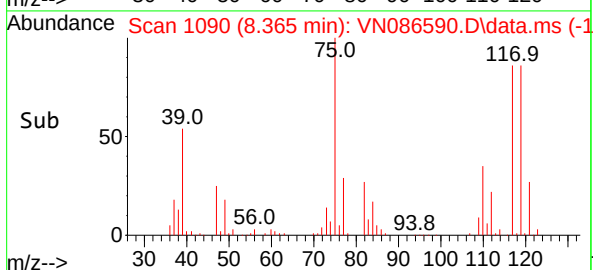
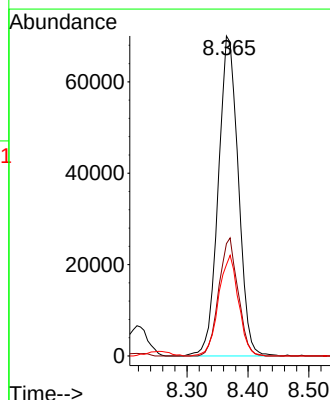
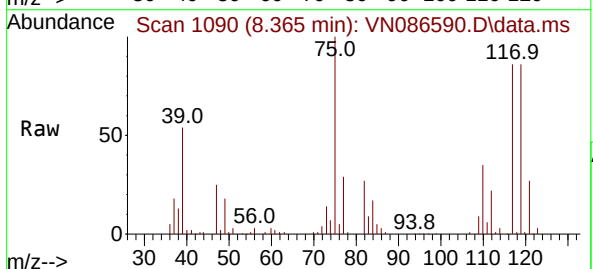
RT: 8.365 min Scan# 1090

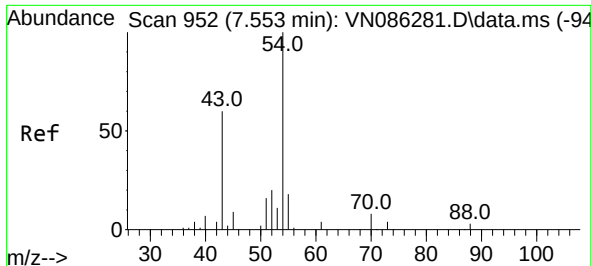
Delta R.T. -0.000 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

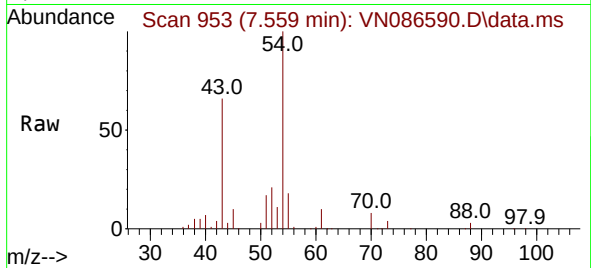
Tgt Ion:	75	Resp:	159947
Ion Ratio	Lower	Upper	
75	100		
110	35.5	16.8	50.4
77	31.4	24.9	37.3





#37
Ethyl Acetate
Concen: 47.197 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

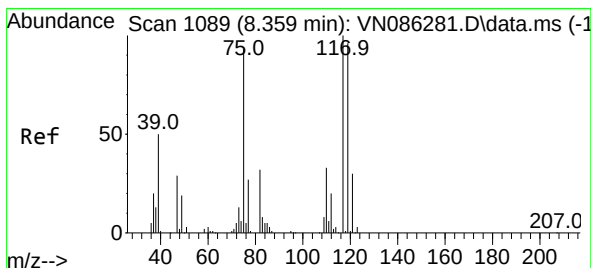
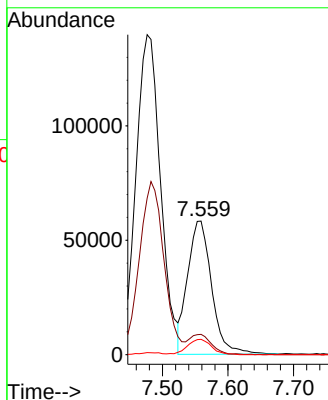
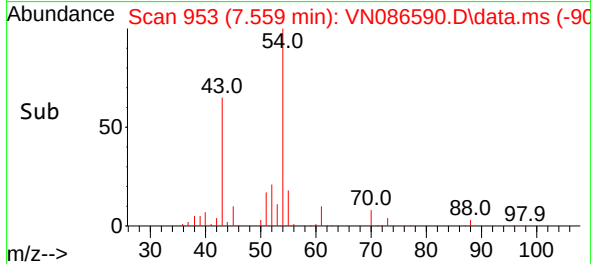
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 148215
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.6 9.2 13.8

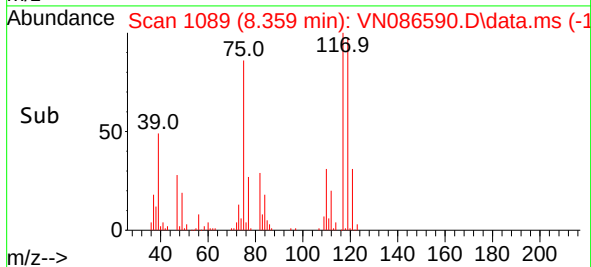
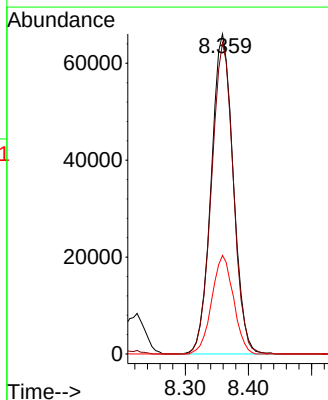
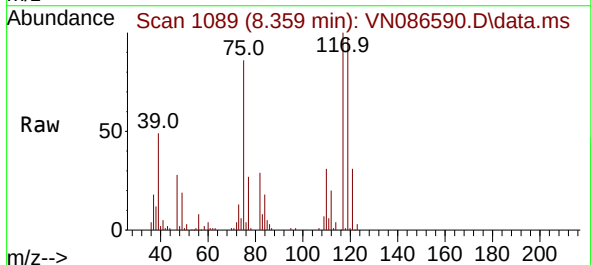
Manual Integrations
APPROVED

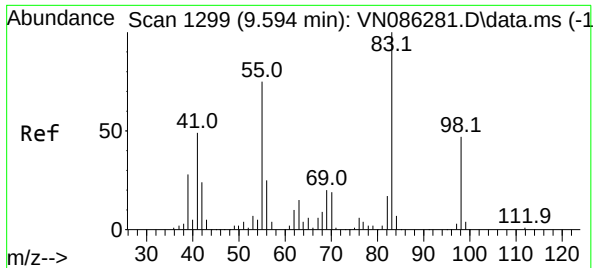
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#38
Carbon Tetrachloride
Concen: 56.336 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:117 Resp: 160030
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 30.8 23.8 35.8





#39

Methylcyclohexane

Concen: 51.225 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 181610

Ion Ratio Lower Upper

83 100

55 73.3 59.8 89.8

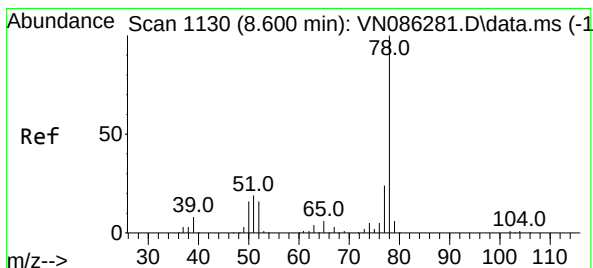
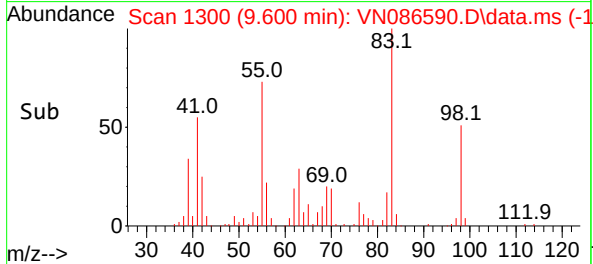
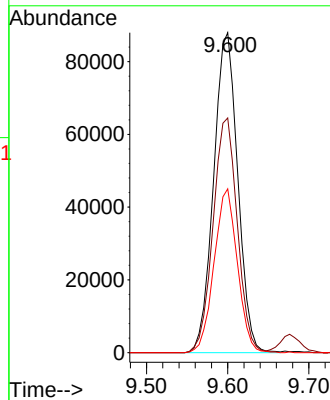
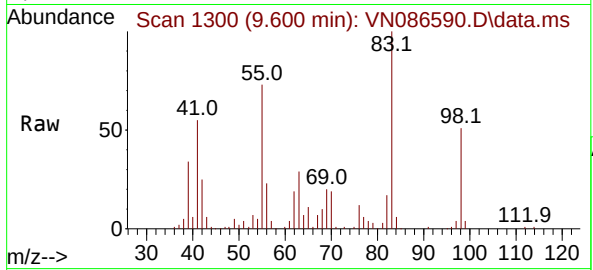
98 51.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#40

Benzene

Concen: 53.110 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086590.D

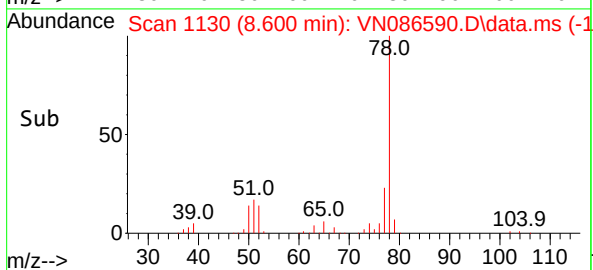
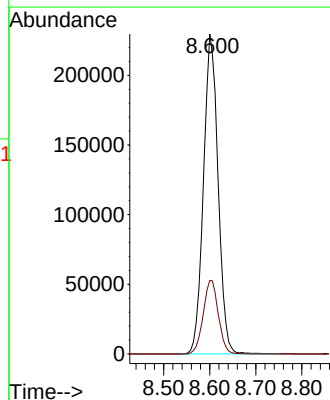
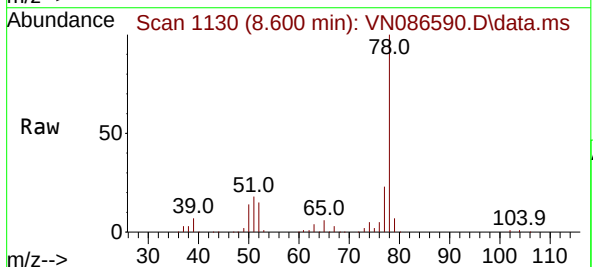
Acq: 13 May 2025 10:22

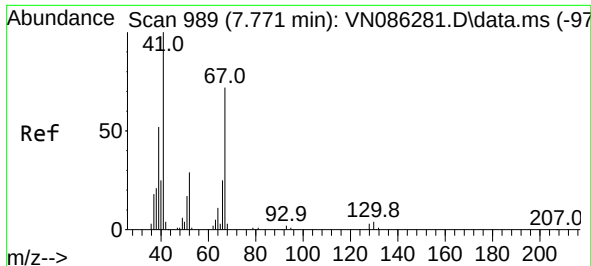
Tgt Ion: 78 Resp: 507568

Ion Ratio Lower Upper

78 100

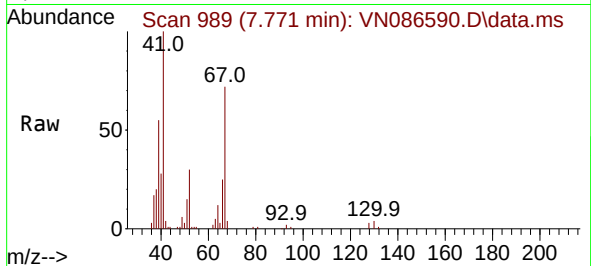
77 23.0 19.4 29.2





#41
Methacrylonitrile
Concen: 49.302 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

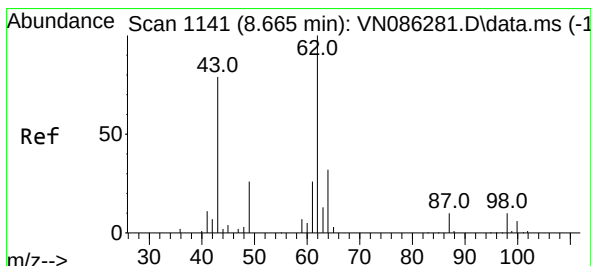
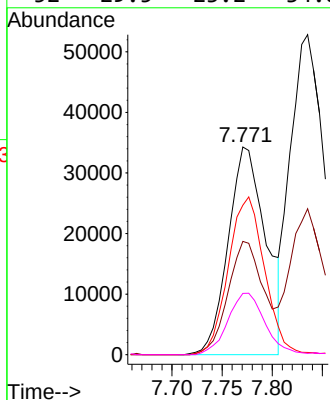
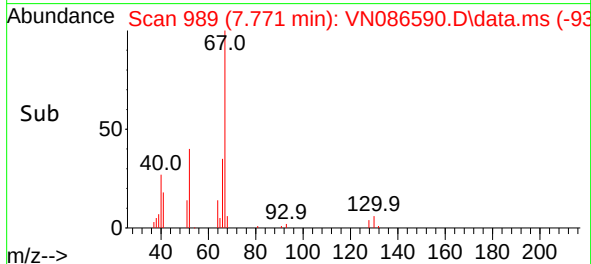
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	8973
Ion Ratio	Lower	Upper	
41	100		
39	50.3	43.0	64.4
67	73.1	58.8	88.2
52	29.5	23.2	34.8

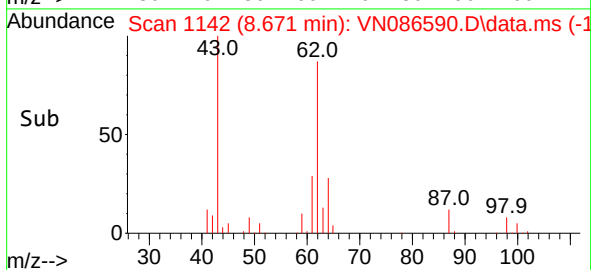
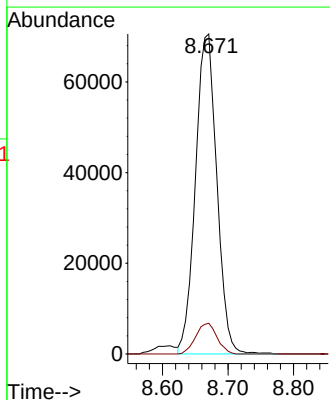
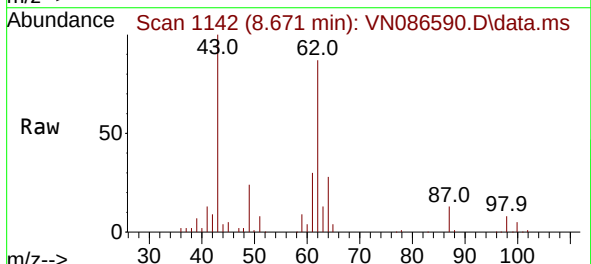
Manual Integrations
APPROVED

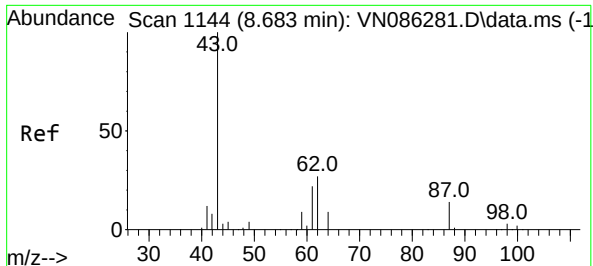
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#42
1,2-Dichloroethane
Concen: 52.527 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:	62	Resp:	160085
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	19.2





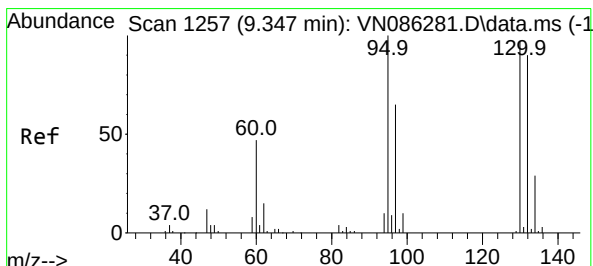
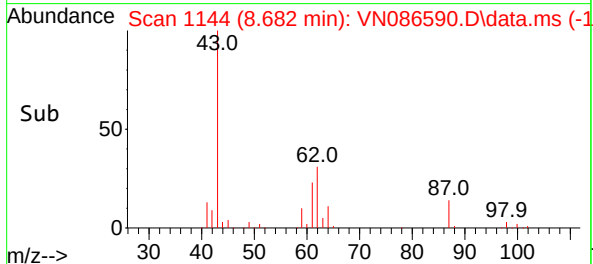
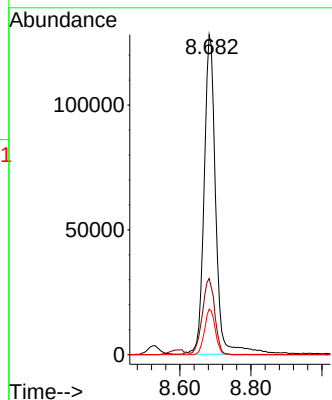
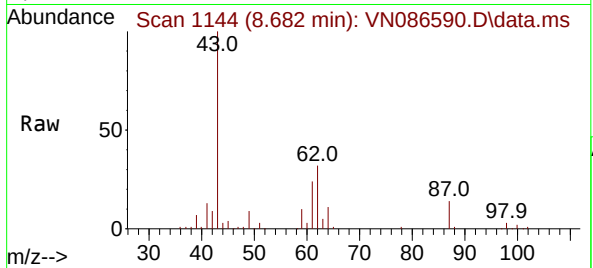
#43
Isopropyl Acetate
Concen: 52.065 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 29171
Ion Ratio Lower Upper
43 100
61 25.4 20.5 30.7
87 13.2 10.5 15.7

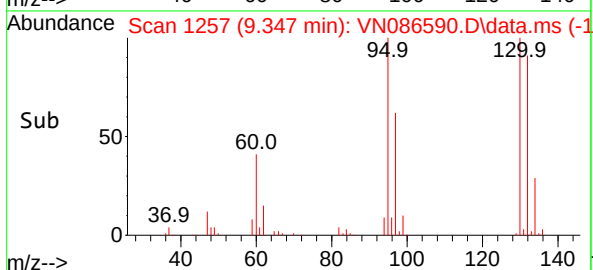
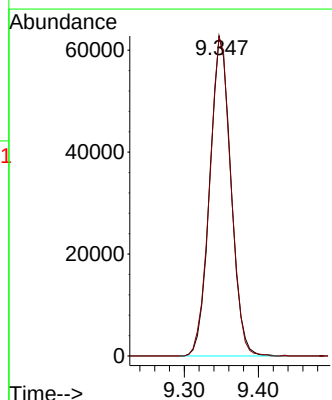
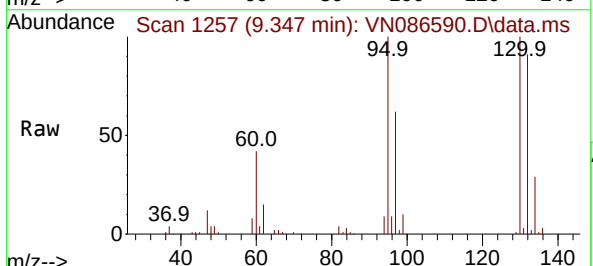
Manual Integrations
APPROVED

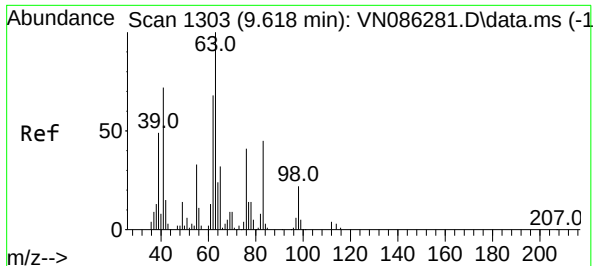
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#44
Trichloroethene
Concen: 54.873 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:130 Resp: 124298
Ion Ratio Lower Upper
130 100
95 99.6 0.0 207.2





#45

1,2-Dichloropropane

Concen: 51.778 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086590.D

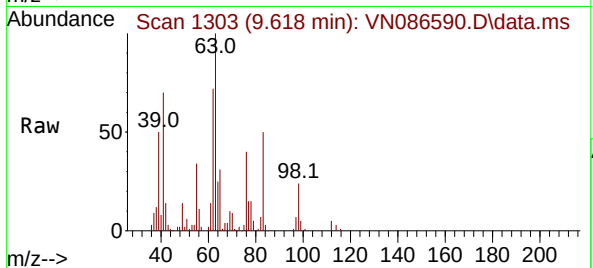
Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 121128

Ion Ratio Lower Upper

63 100

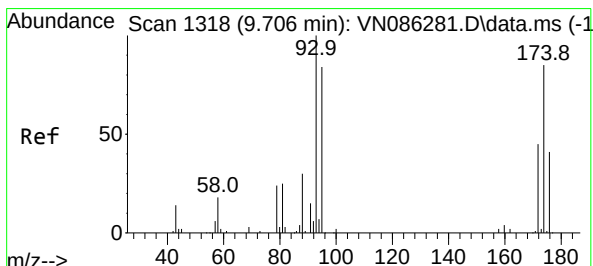
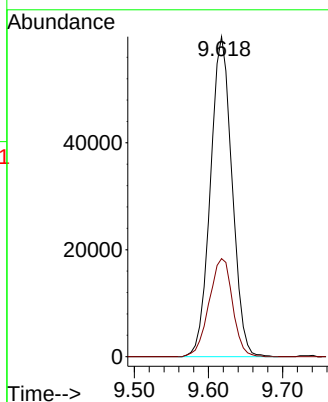
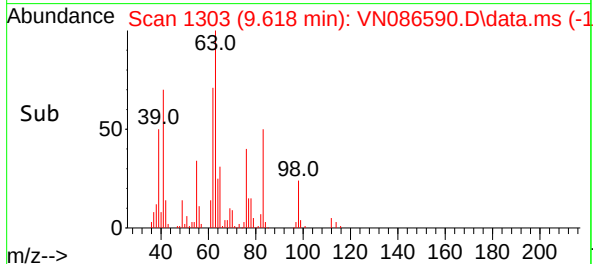
65 30.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#46

Dibromomethane

Concen: 56.156 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

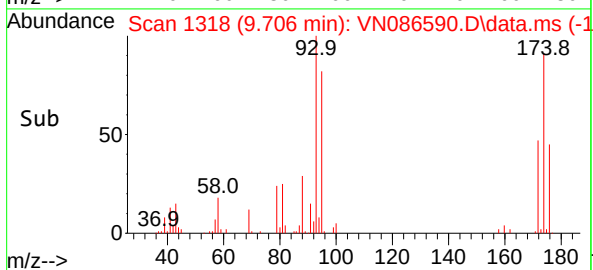
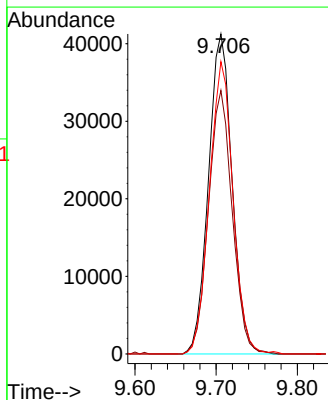
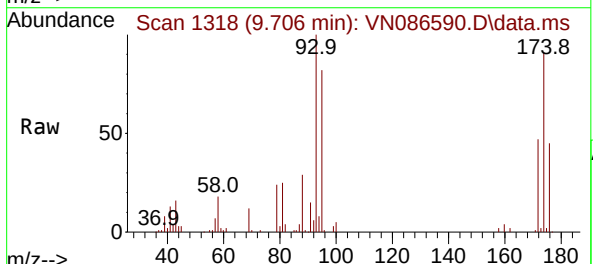
Tgt Ion: 93 Resp: 83703

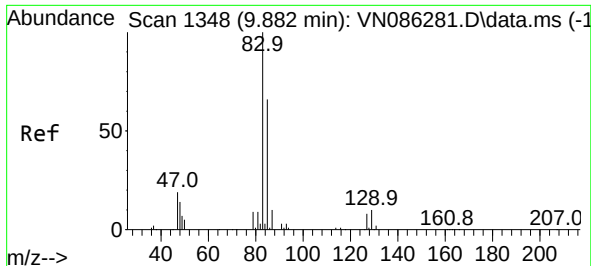
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

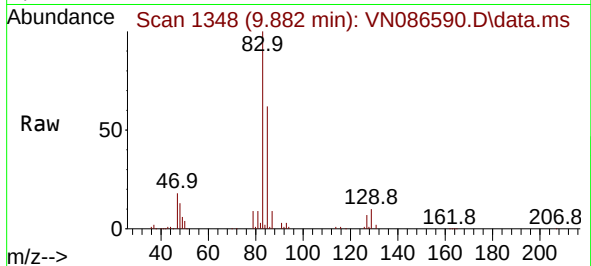
174 91.2 67.8 101.6





#47
Bromodichloromethane
Concen: 54.627 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

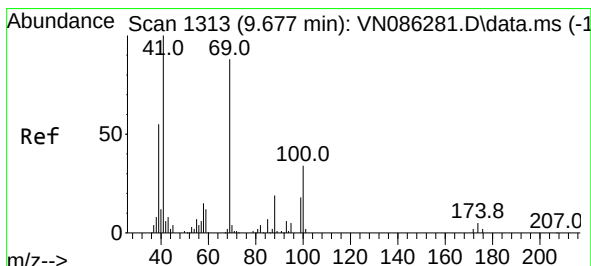
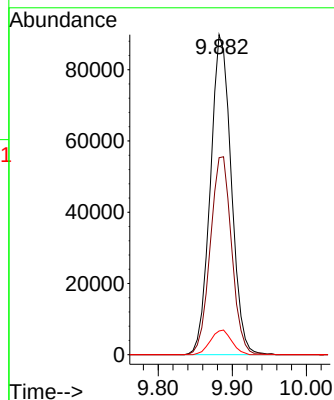
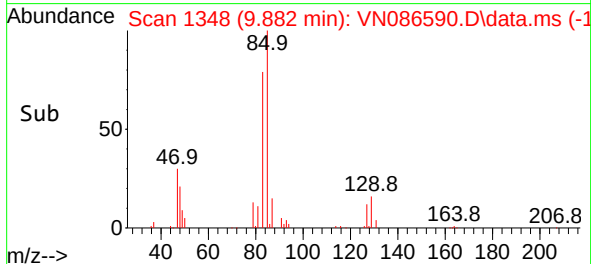
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



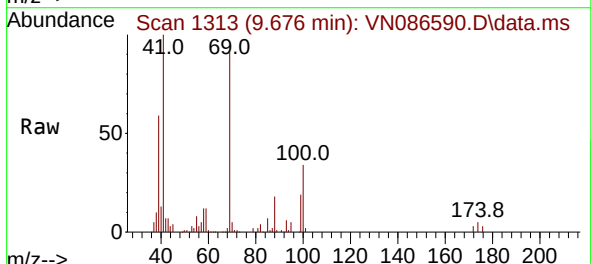
Tgt Ion: 83 Resp: 175859
Ion Ratio Lower Upper
83 100
85 61.5 52.6 78.8
127 7.4 6.1 9.1

Manual Integrations
APPROVED

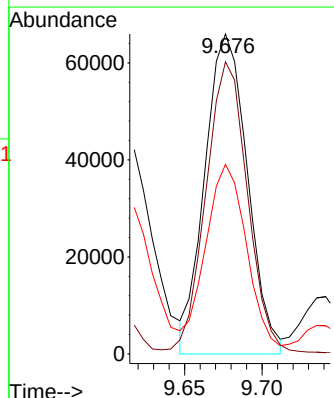
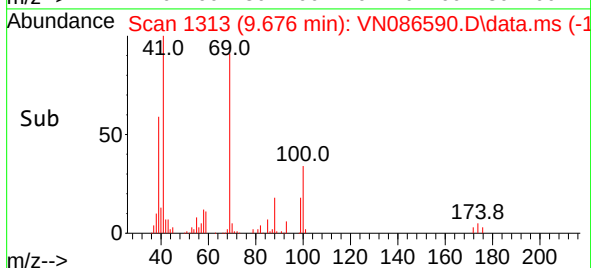
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

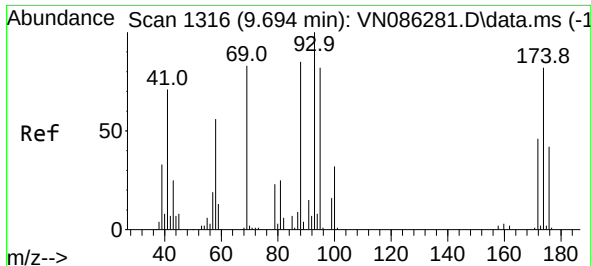


#48
Methyl methacrylate
Concen: 45.658 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



Tgt Ion: 41 Resp: 125914
Ion Ratio Lower Upper
41 100
69 90.1 68.2 102.2
39 58.0 45.2 67.8





#49

1,4-Dioxane

Concen: 972.649 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 45620

Ion Ratio Lower Upper

88 100

43 26.9 23.8 35.8

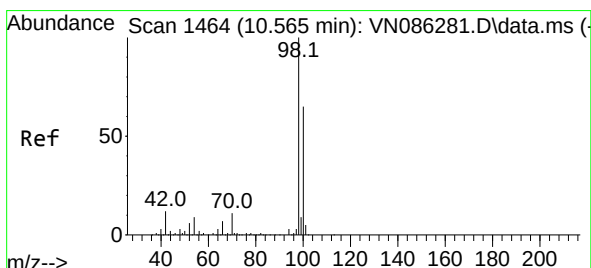
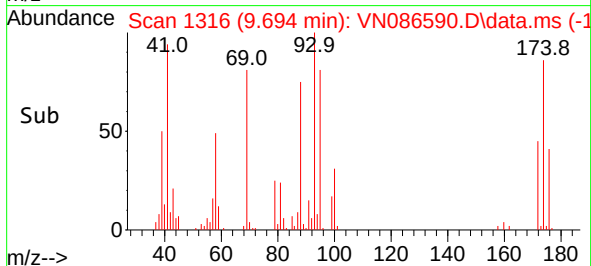
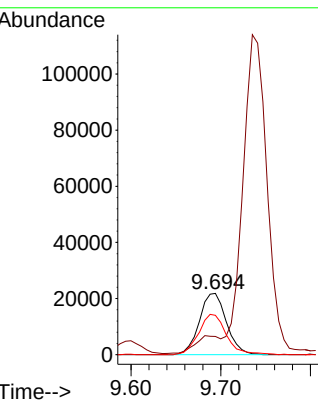
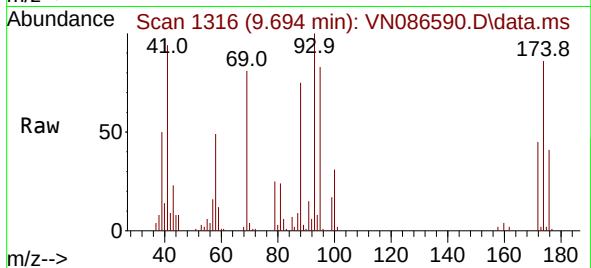
58 67.9 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#50

Toluene-d8

Concen: 48.966 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086590.D

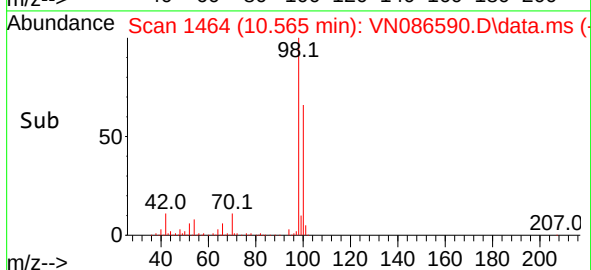
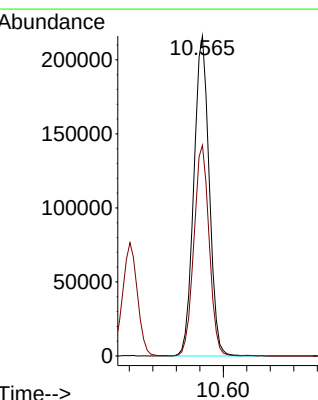
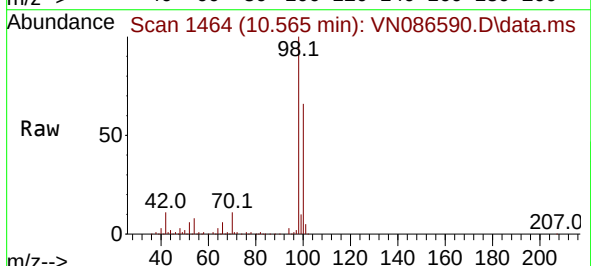
Acq: 13 May 2025 10:22

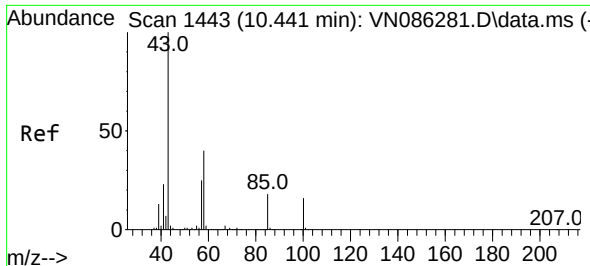
Tgt Ion: 98 Resp: 390823

Ion Ratio Lower Upper

98 100

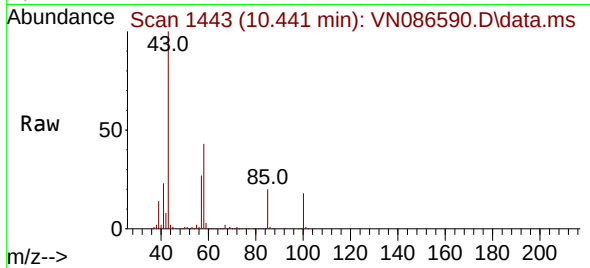
100 65.5 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 239.742 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

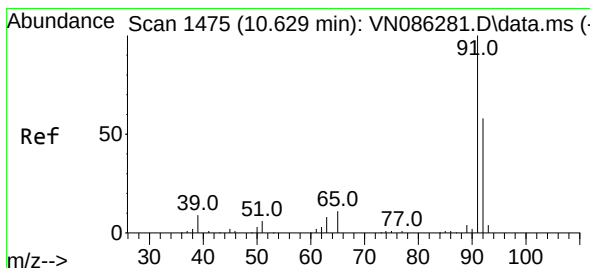
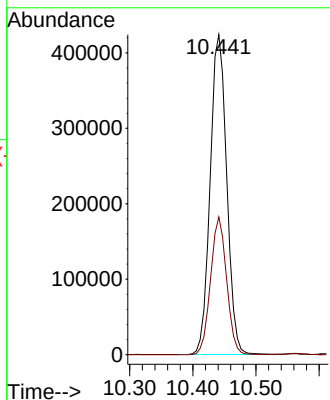
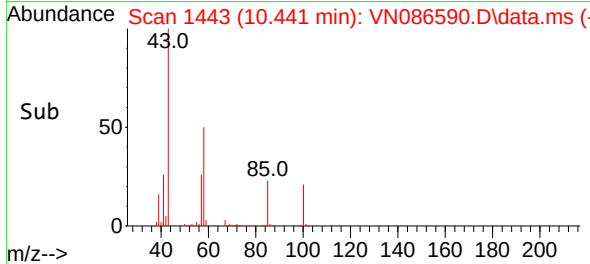
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 770949
Ion Ratio Lower Upper
43 100
58 41.7 32.2 48.4

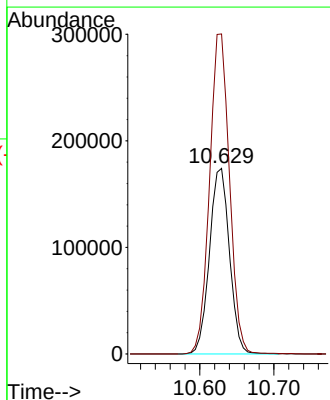
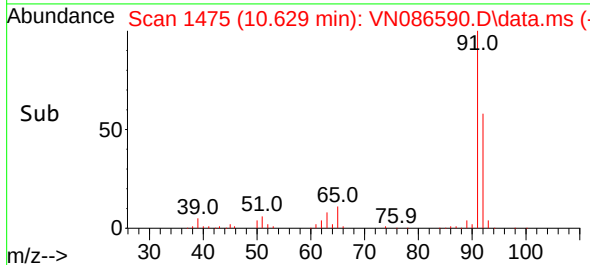
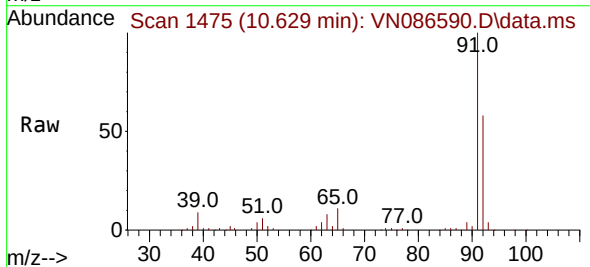
Manual Integrations
APPROVED

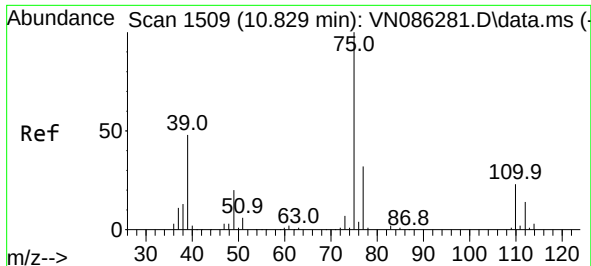
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#52
Toluene
Concen: 54.684 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

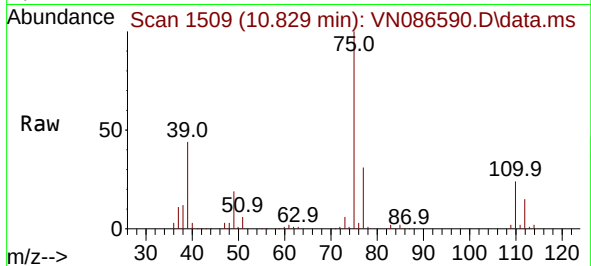
Tgt Ion: 92 Resp: 326096
Ion Ratio Lower Upper
92 100
91 172.0 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 53.954 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

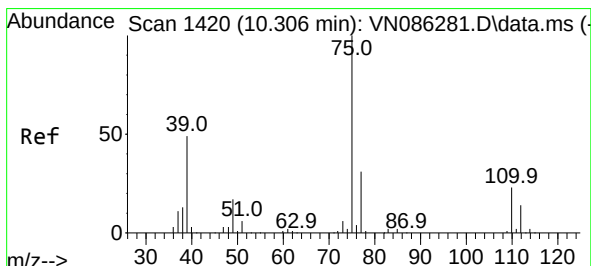
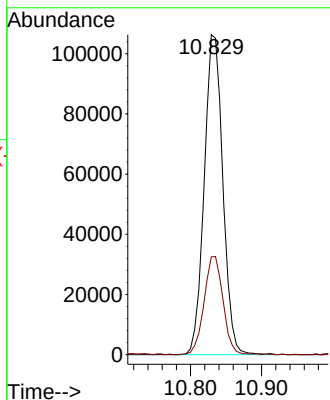
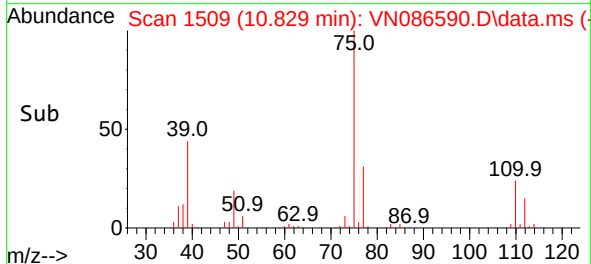
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 193890
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0

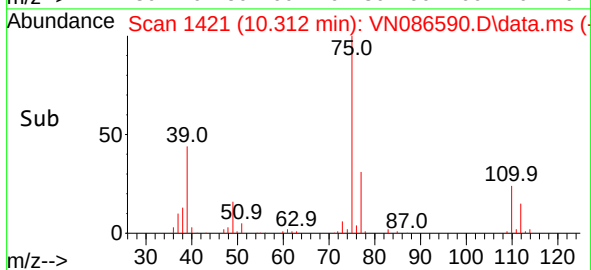
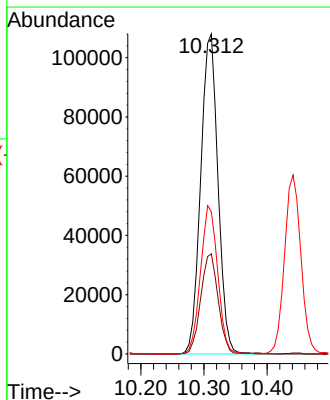
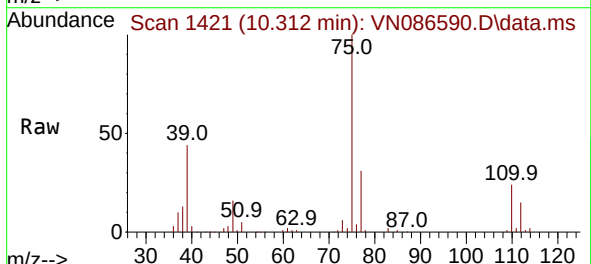
Manual Integrations
 APPROVED

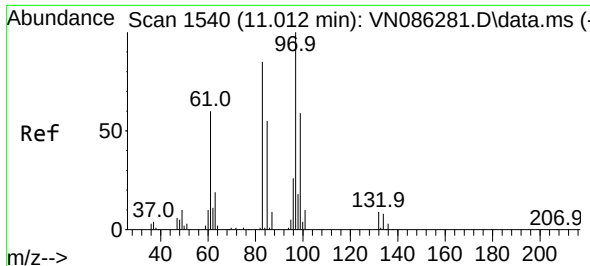
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 52.050 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

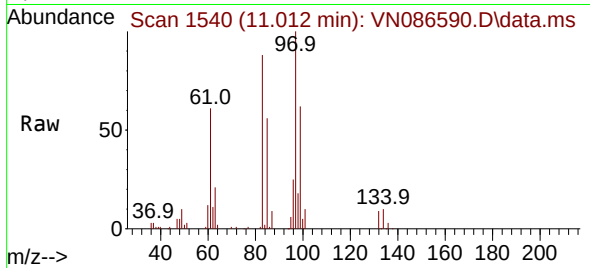
Tgt Ion: 75 Resp: 205442
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 44.4 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 54.366 ug/l
RT: 11.012 min Scan# 11664
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

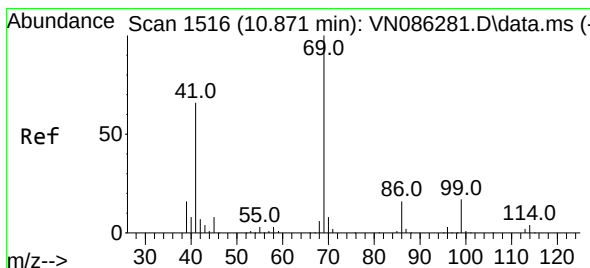
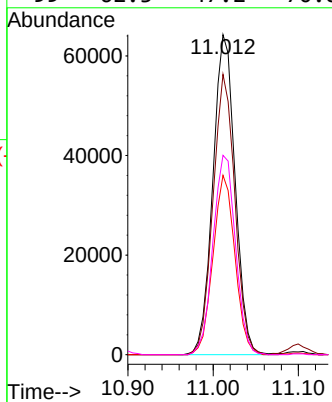
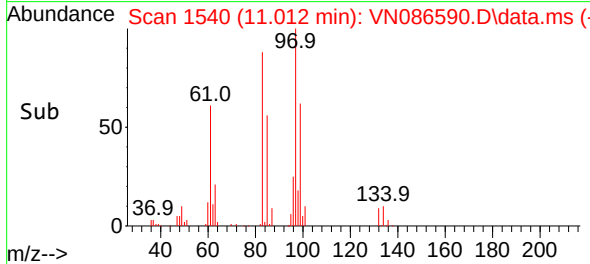
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	11664
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.4	102.6
85	56.1	43.9	65.9
99	62.3	47.2	70.8

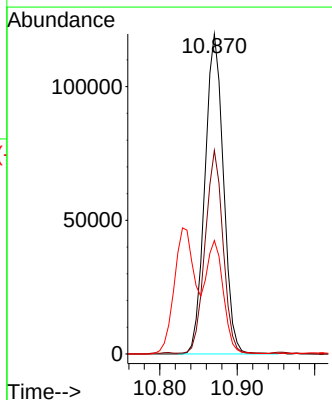
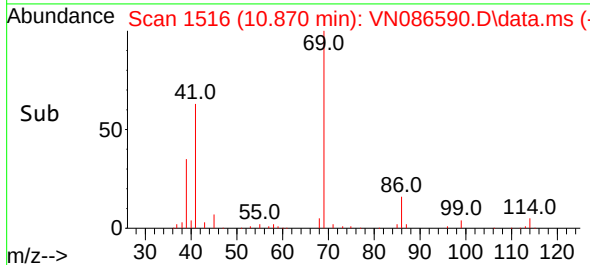
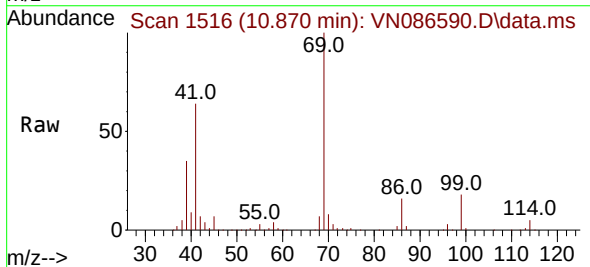
Manual Integrations
APPROVED

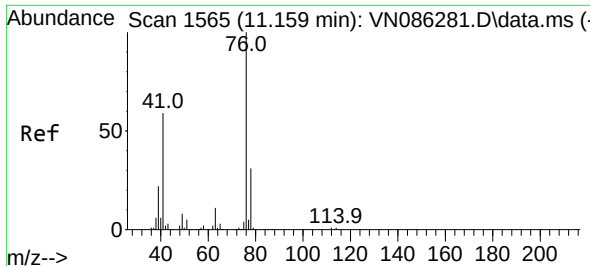
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#56
Ethyl methacrylate
Concen: 50.366 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:	69	Resp:	198633
Ion	Ratio	Lower	Upper
69	100		
41	60.8	51.7	77.5
39	32.7	26.3	39.5





#57

1,3-Dichloropropane

Concen: 53.665 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086590.D

Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 204284

Ion Ratio Lower Upper

76 100

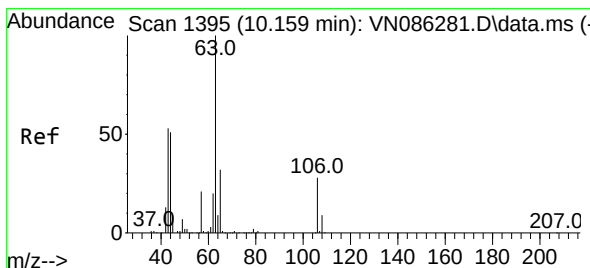
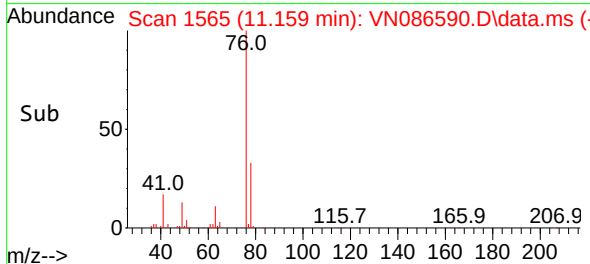
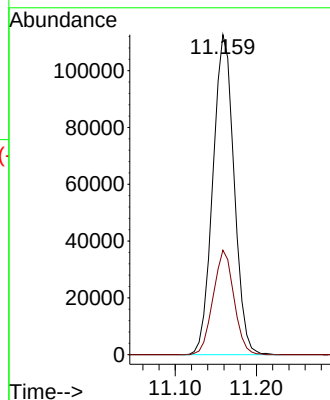
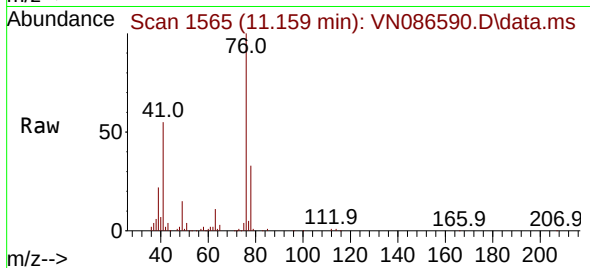
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 209.944 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086590.D

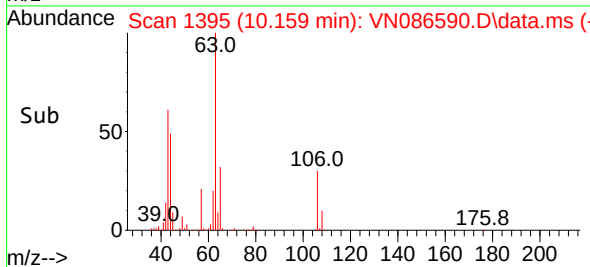
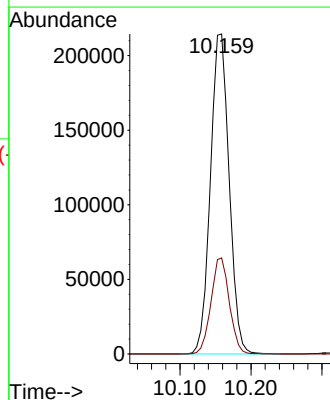
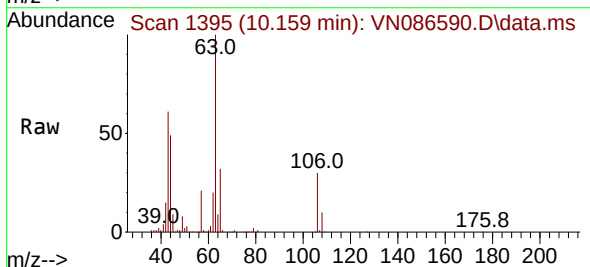
Acq: 13 May 2025 10:22

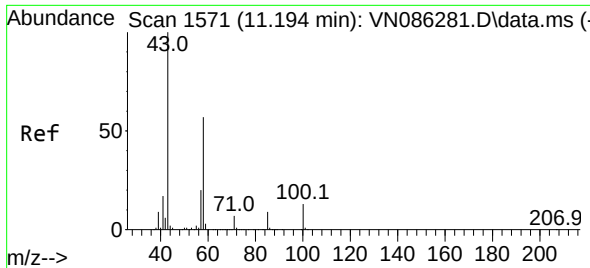
Tgt Ion: 63 Resp: 392988

Ion Ratio Lower Upper

63 100

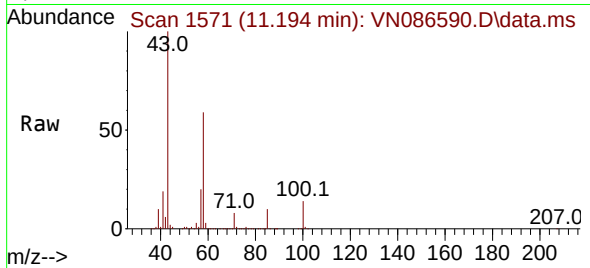
106 29.3 22.2 33.2





#59
2-Hexanone
Concen: 235.625 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

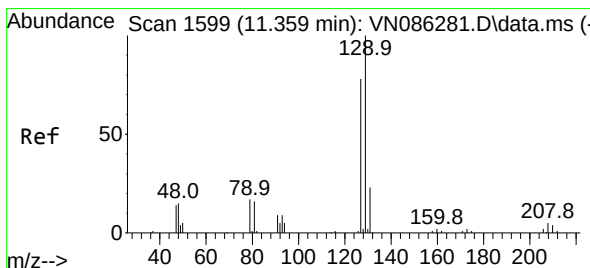
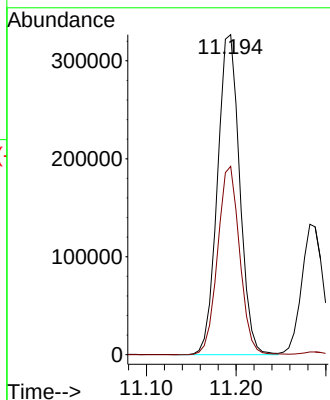
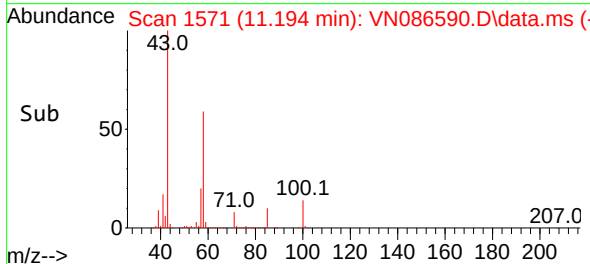
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 562010
Ion Ratio Lower Upper
43 100
58 58.3 28.3 85.0

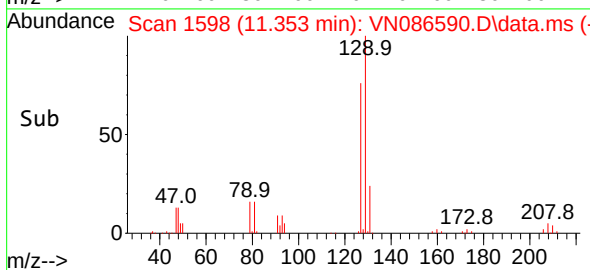
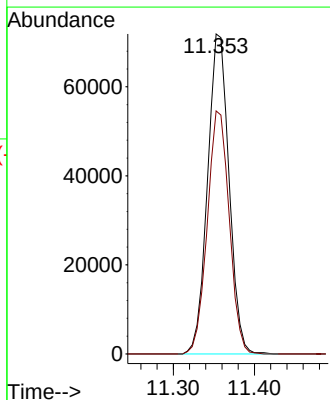
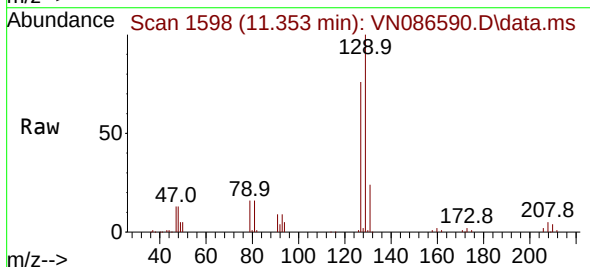
Manual Integrations
APPROVED

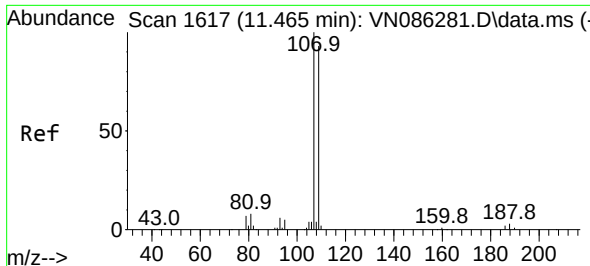
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#60
Dibromochloromethane
Concen: 56.016 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:129 Resp: 131974
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





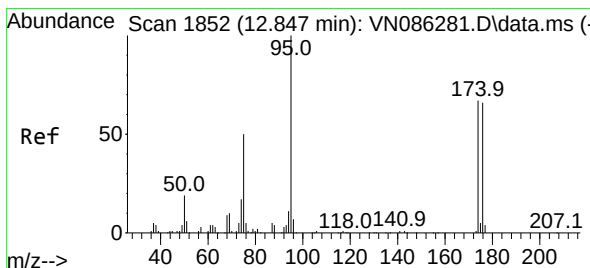
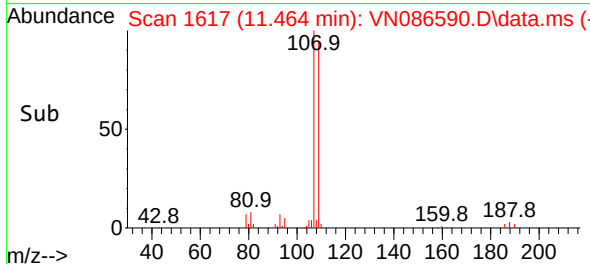
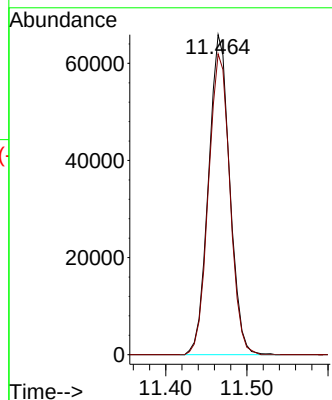
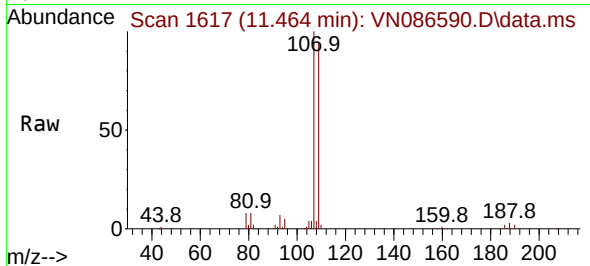
#61
1,2-Dibromoethane
Concen: 55.282 ug/l
RT: 11.464 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 119680
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.0

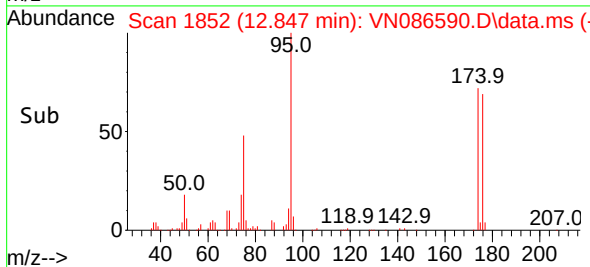
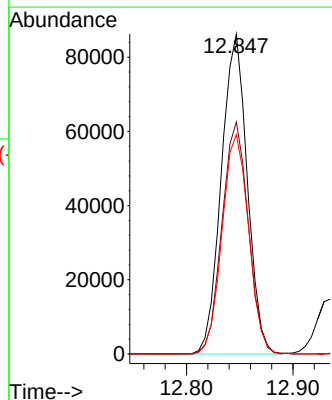
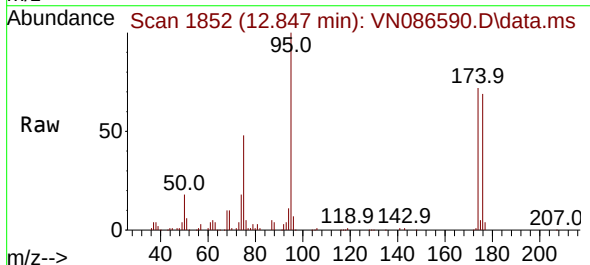
Manual Integrations
APPROVED

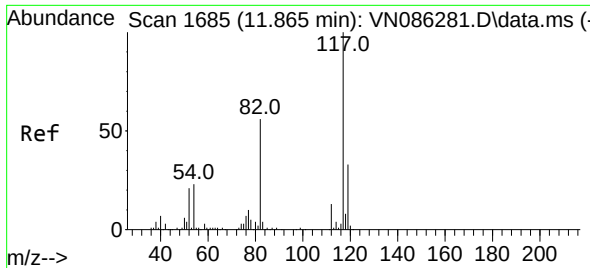
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#62
4-Bromofluorobenzene
Concen: 50.024 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

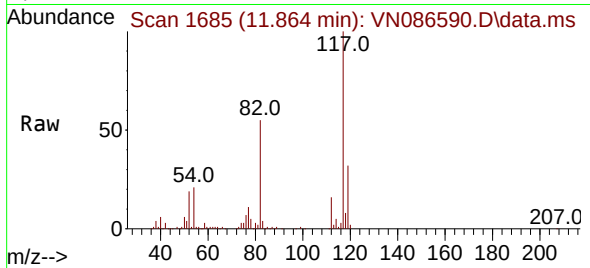
Tgt Ion: 95 Resp: 145630
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 70.3 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

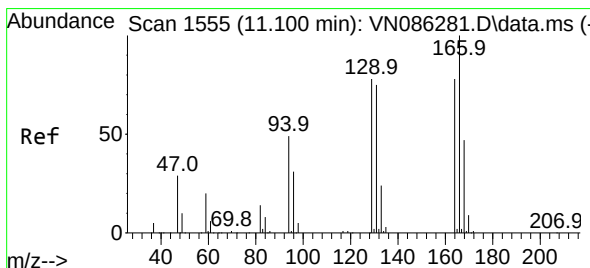
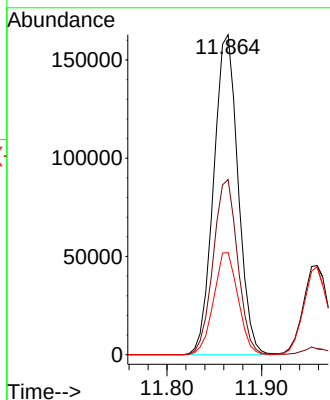
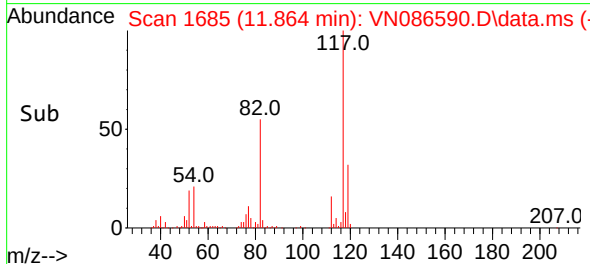
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 291949
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 31.9 26.4 39.6

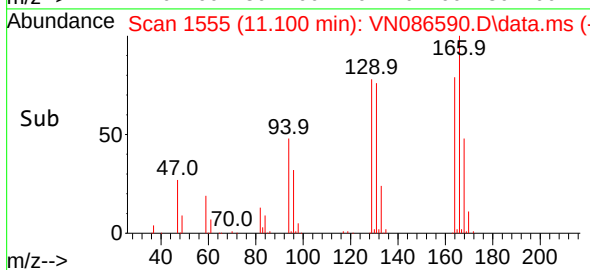
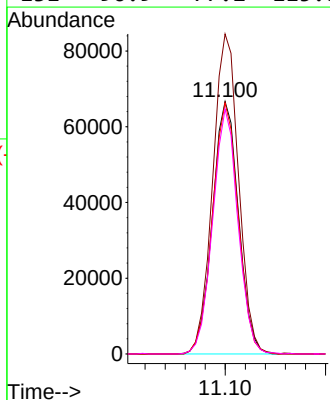
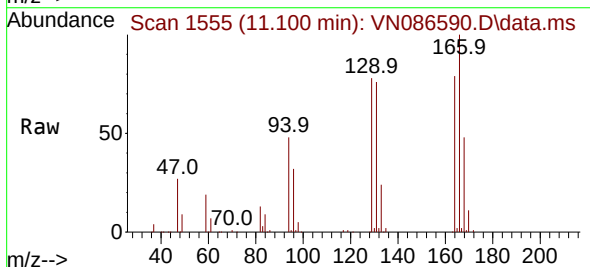
Manual Integrations
APPROVED

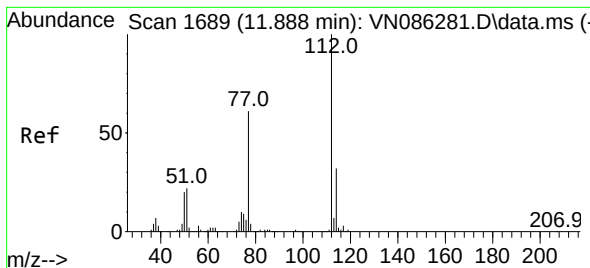
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#64
Tetrachloroethene
Concen: 53.627 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

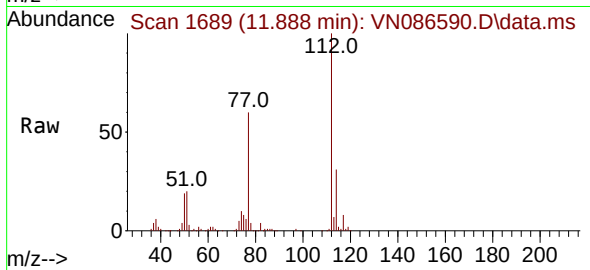
Tgt Ion:164 Resp: 120431
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.4
129 99.4 80.1 120.1
131 96.9 77.2 115.8





#65
Chlorobenzene
Concen: 54.342 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

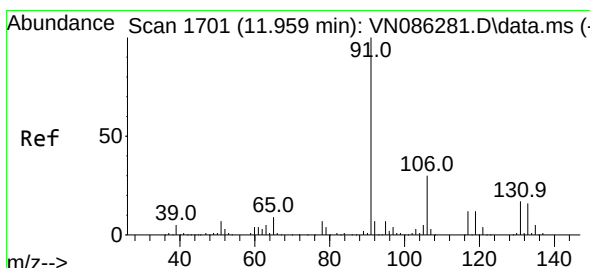
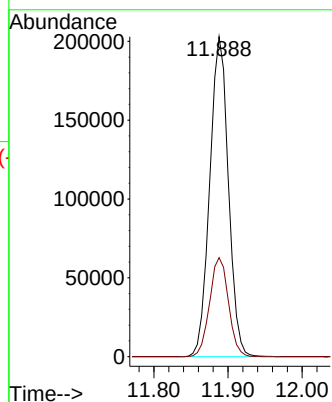
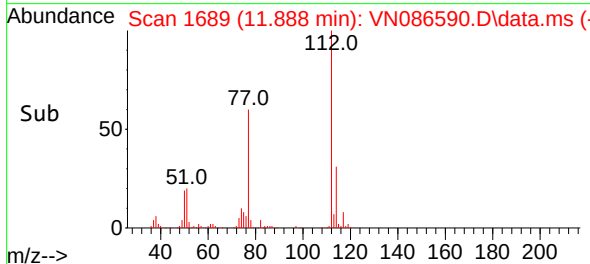
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



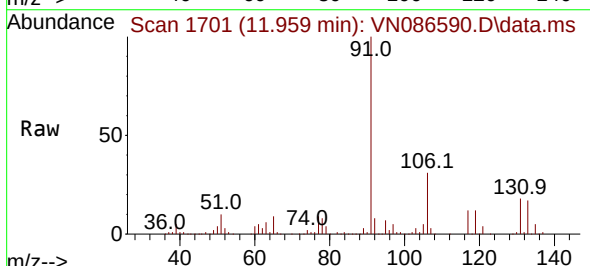
Tgt Ion:112 Resp: 35405
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

Manual Integrations
APPROVED

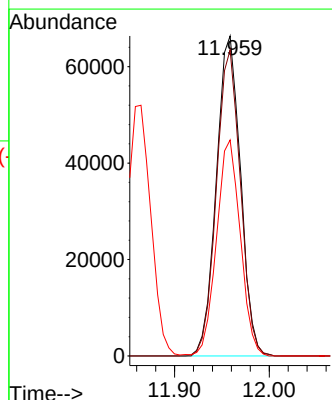
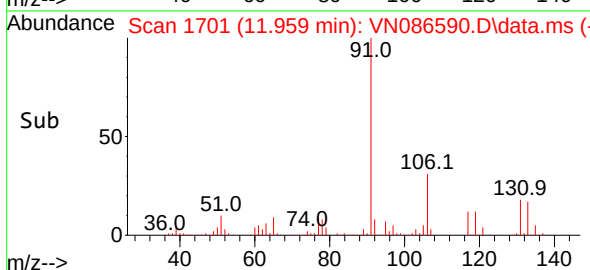
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

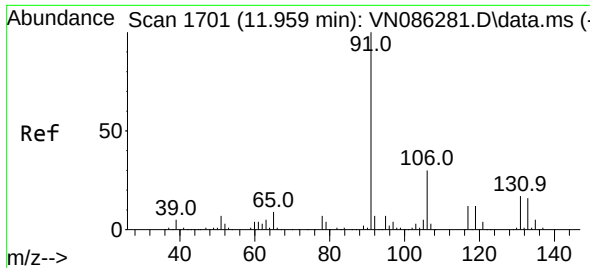


#66
1,1,1,2-Tetrachloroethane
Concen: 54.846 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



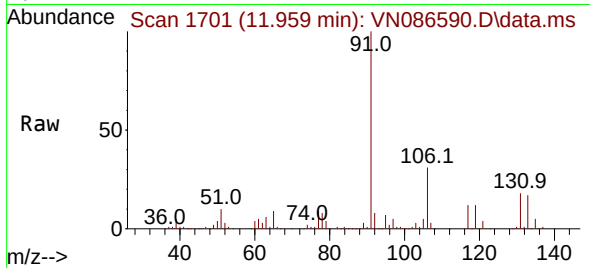
Tgt Ion:131 Resp: 117885
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 66.4 33.8 101.4





#67
Ethyl Benzene
Concen: 52.662 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

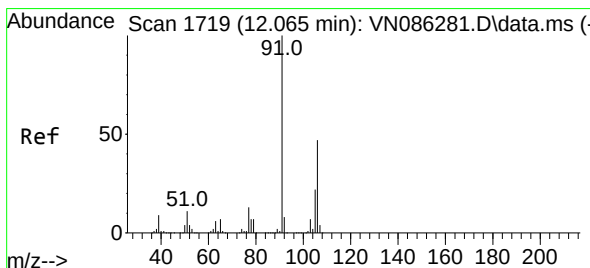
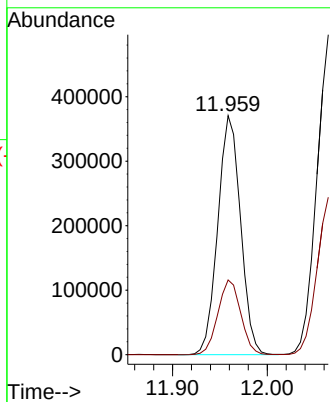
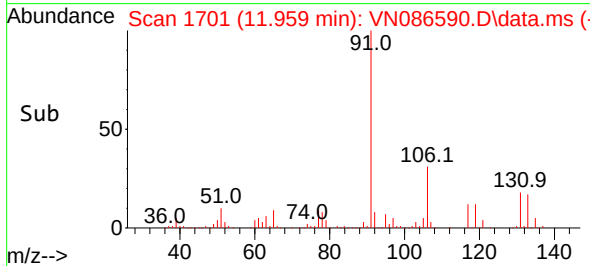
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 619144
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5

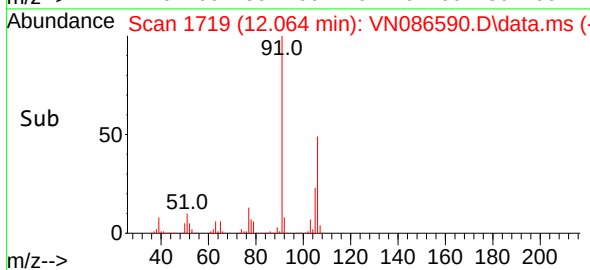
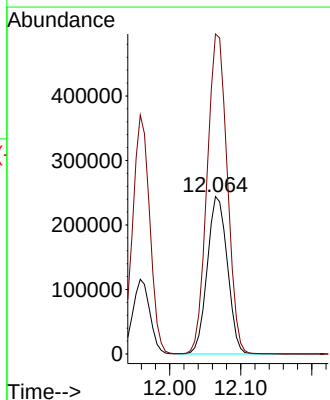
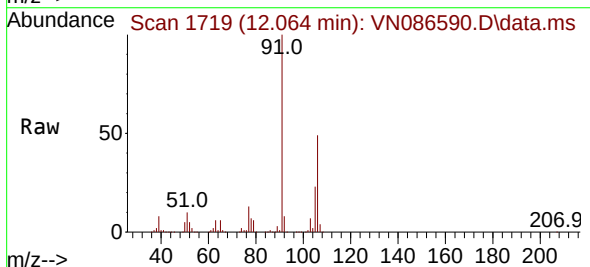
Manual Integrations
APPROVED

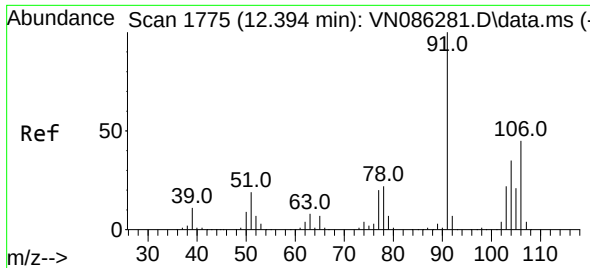
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#68
m/p-Xylenes
Concen: 108.927 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:106 Resp: 479857
Ion Ratio Lower Upper
106 100
91 203.8 166.5 249.7





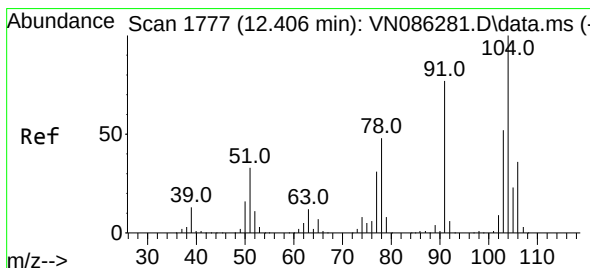
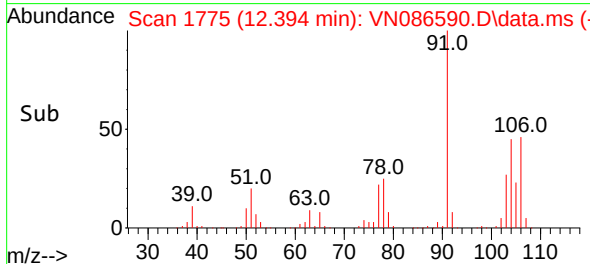
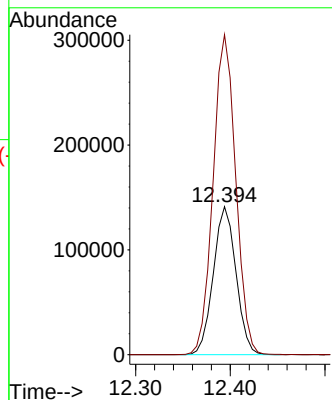
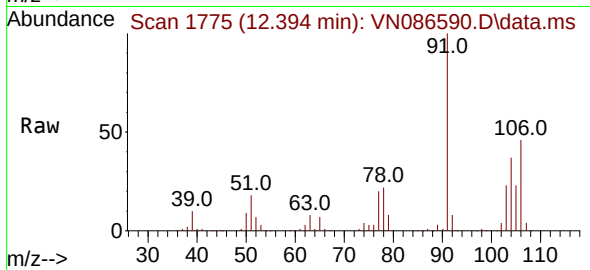
#69
o-Xylene
Concen: 53.898 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 23481
Ion Ratio Lower Upper
106 100
91 215.9 109.7 329.0

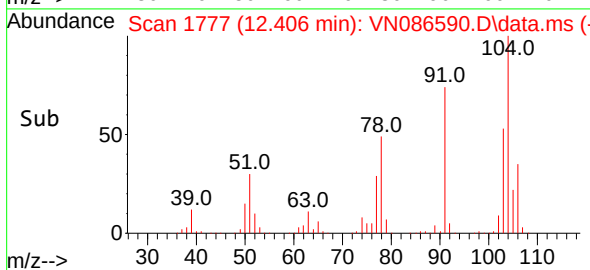
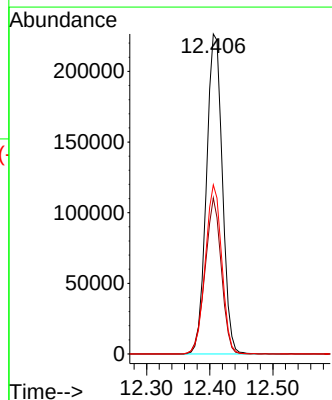
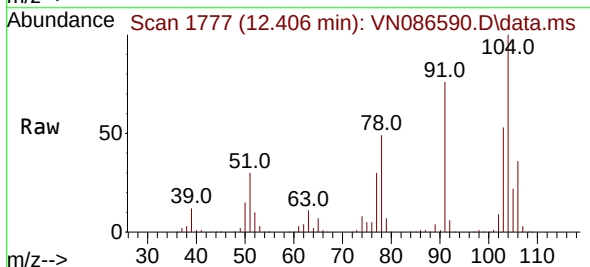
Manual Integrations
APPROVED

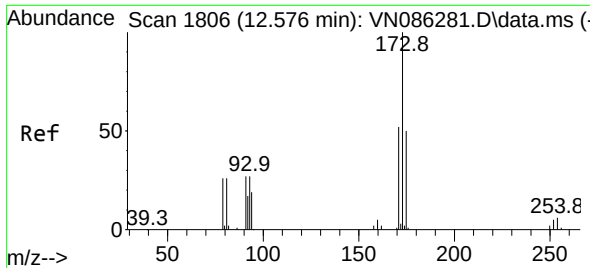
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#70
Styrene
Concen: 54.692 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

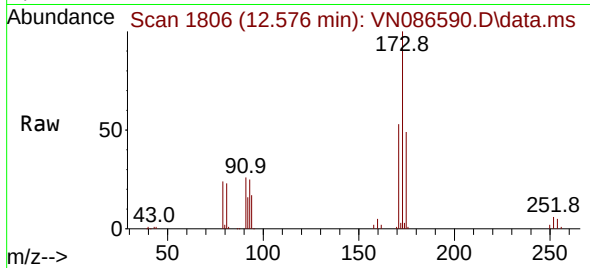
Tgt Ion:104 Resp: 397010
Ion Ratio Lower Upper
104 100
78 49.5 40.6 61.0
103 54.6 43.6 65.4





#71
Bromoform
Concen: 54.280 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

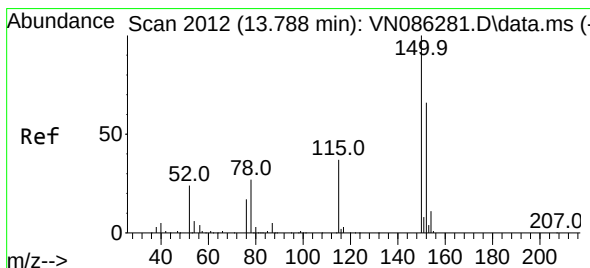
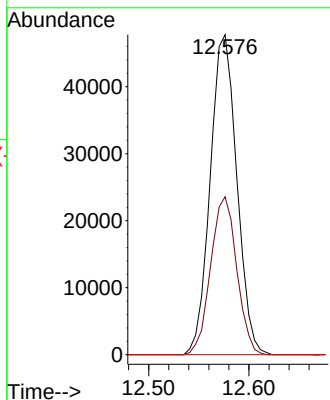
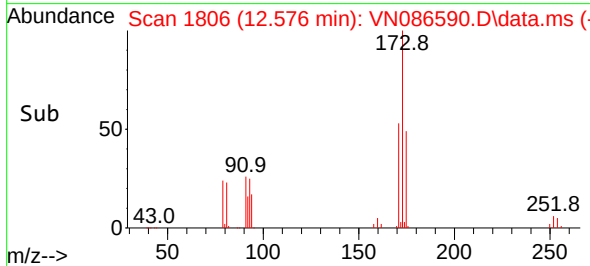
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



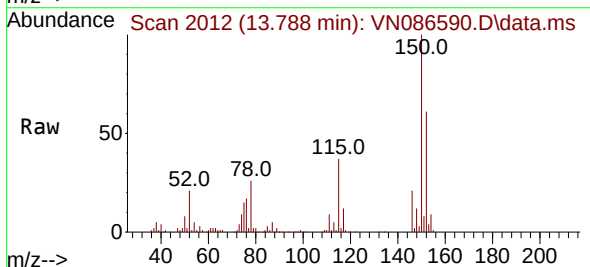
Tgt Ion:173 Resp: 87840
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

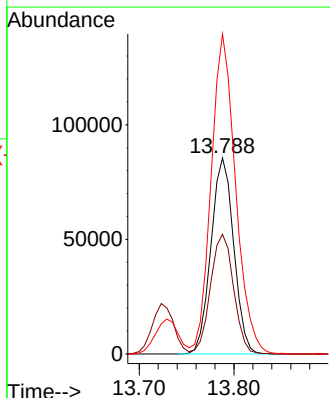
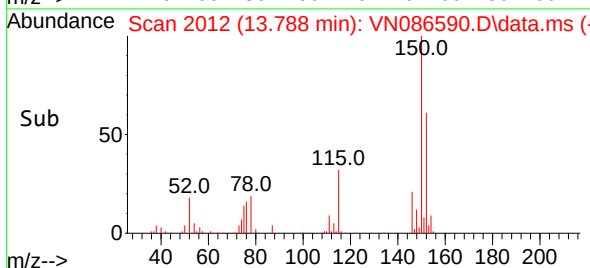
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

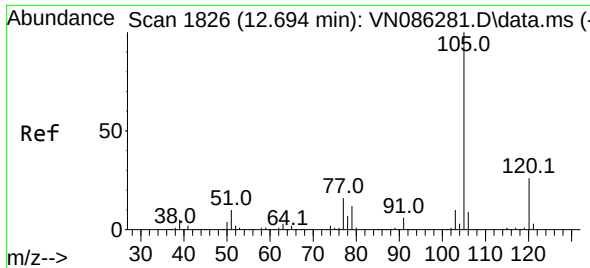


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



Tgt Ion:152 Resp: 142753
Ion Ratio Lower Upper
152 100
115 62.0 31.9 95.9
150 175.3 0.0 352.0





#73
Isopropylbenzene
Concen: 49.271 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

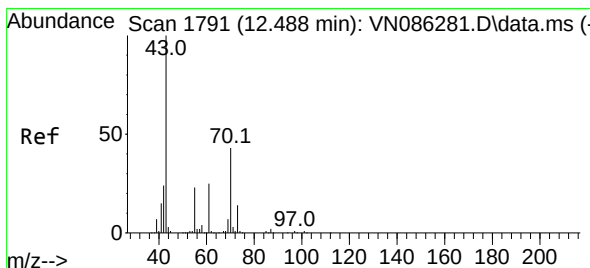
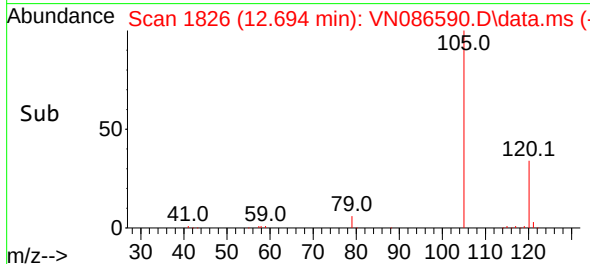
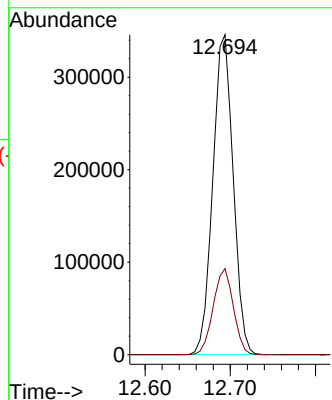
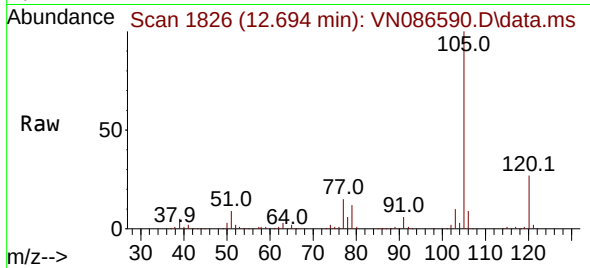
VSTDCCC050

Tgt Ion:105 Resp: 57536
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

Manual Integrations

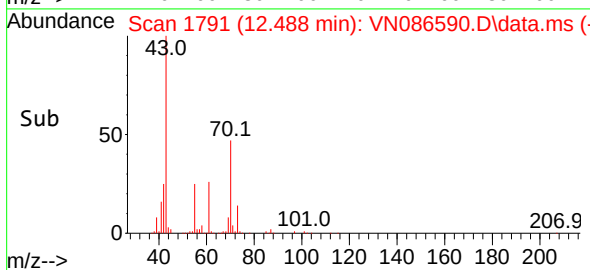
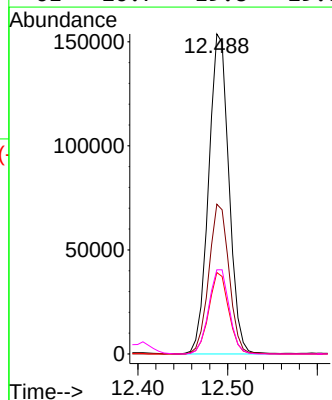
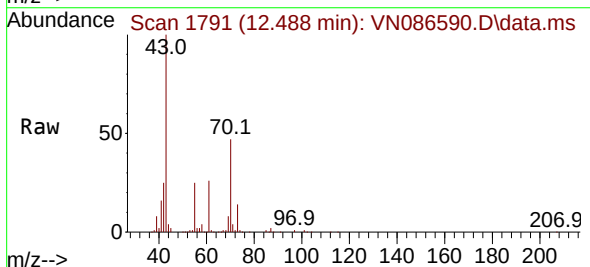
APPROVED

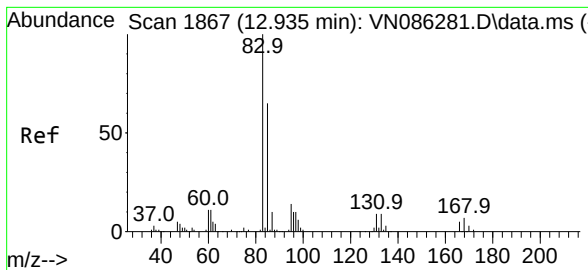
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#74
N-ethyl acetate
Concen: 41.516 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

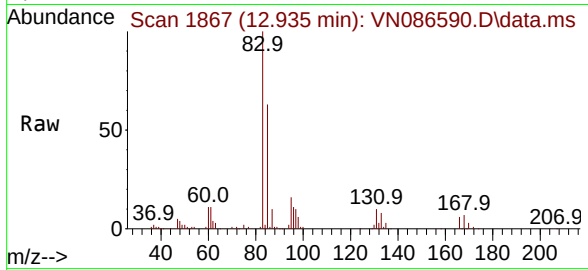
Tgt Ion: 43 Resp: 241348
Ion Ratio Lower Upper
43 100
70 46.6 35.0 52.4
55 25.0 19.0 28.4
61 26.7 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.477 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

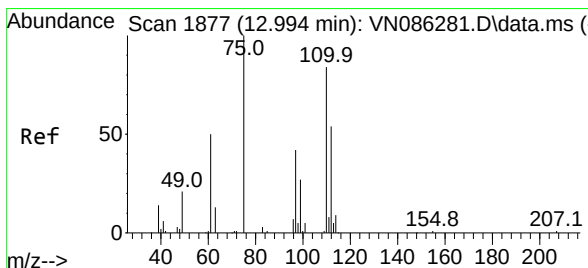
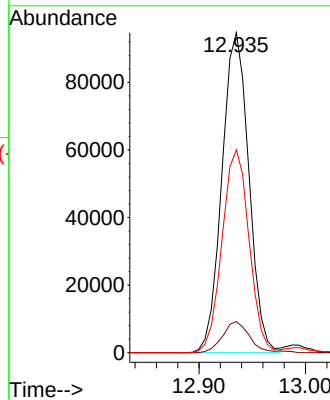
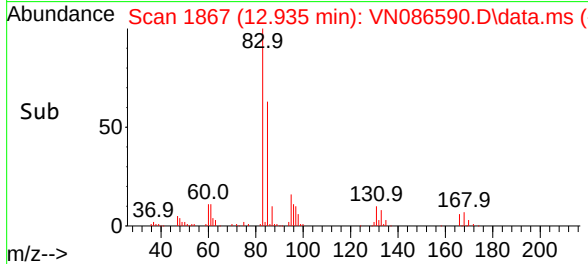
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



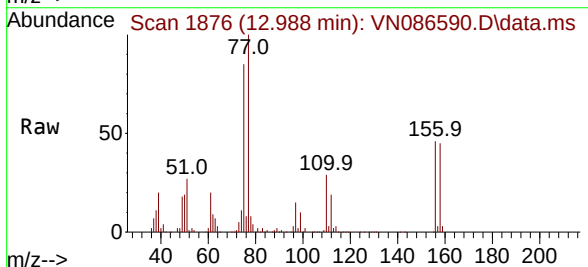
Tgt Ion: 83 Resp: 166124
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 63.6 32.7 98.1

Manual Integrations
APPROVED

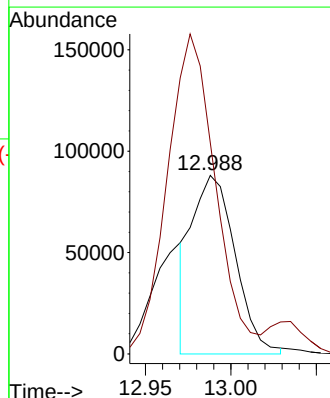
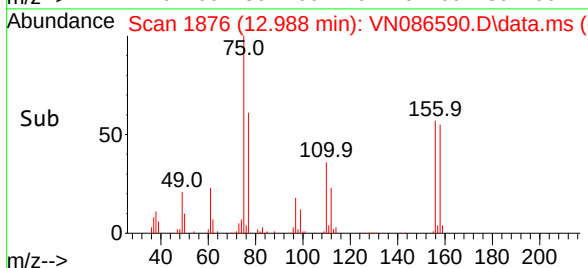
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

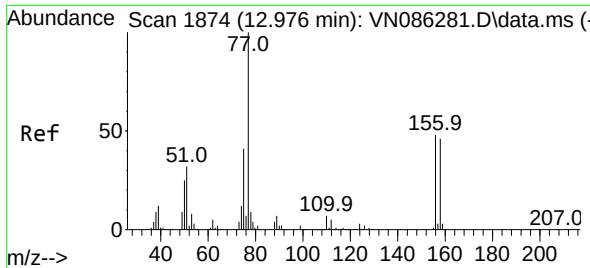


#76
1,2,3-Trichloropropane
Concen: 45.902 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



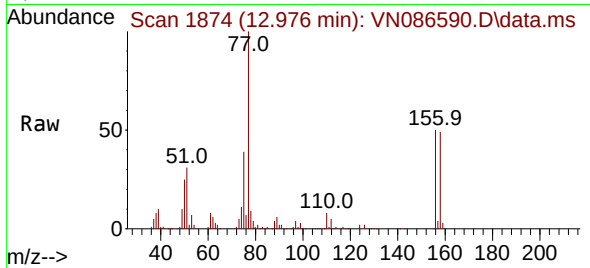
Tgt Ion: 75 Resp: 154633
Ion Ratio Lower Upper
75 100
77 200.9 98.8 296.4





#77
Bromobenzene
Concen: 52.704 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

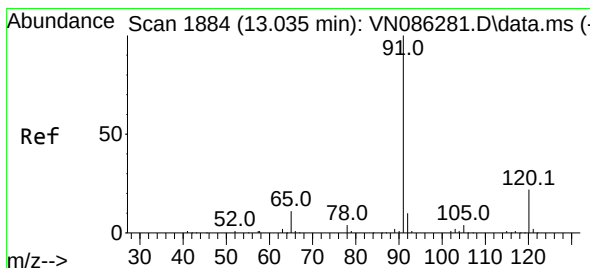
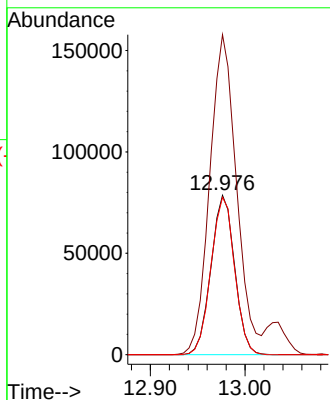
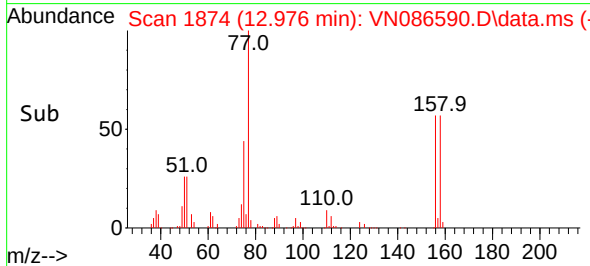
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



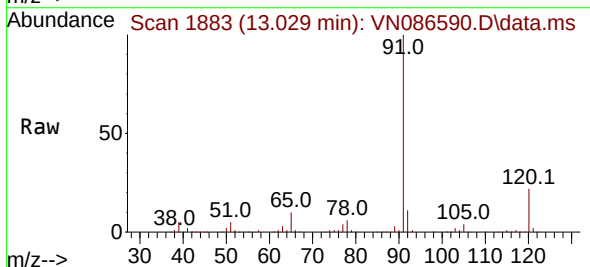
Tgt Ion:156 Resp: 136368
Ion Ratio Lower Upper
156 100
77 227.8 121.1 363.1
158 99.0 47.9 143.6

Manual Integrations
APPROVED

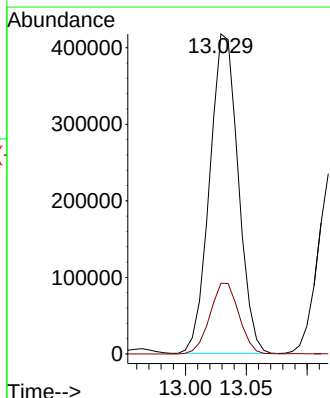
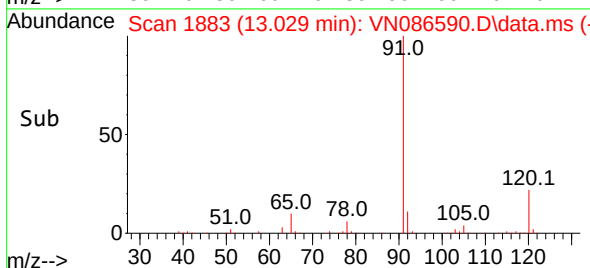
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

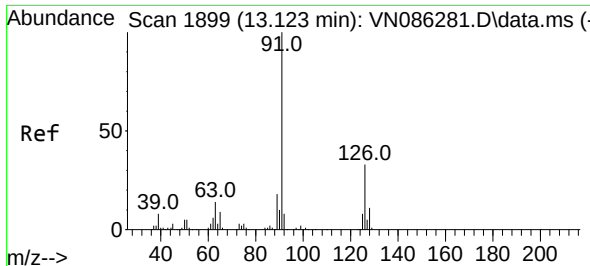


#78
n-propylbenzene
Concen: 49.520 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



Tgt Ion: 91 Resp: 681419
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





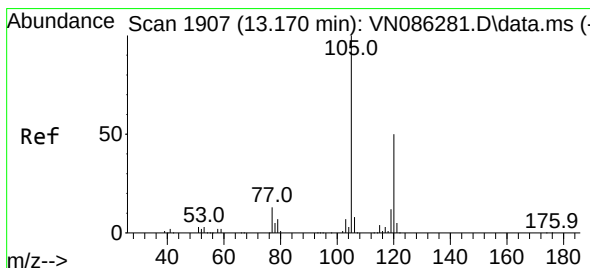
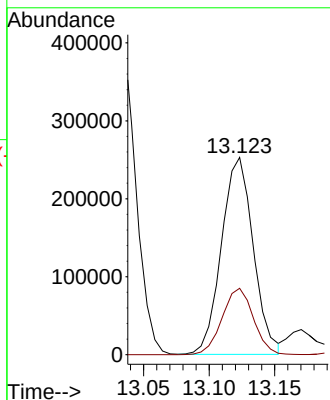
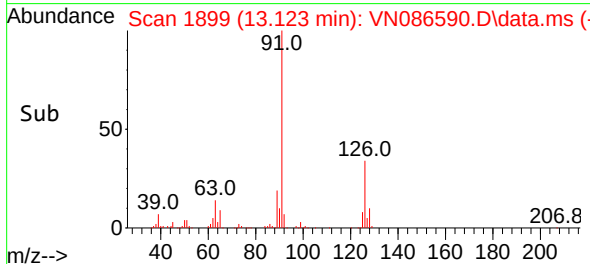
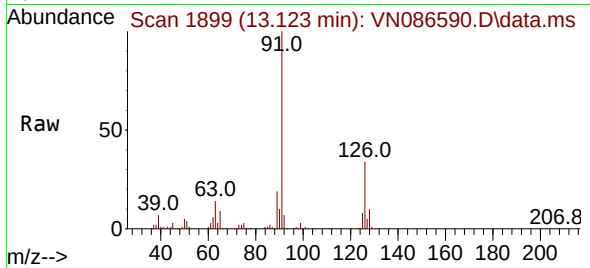
#79
2-Chlorotoluene
Concen: 49.579 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42690
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2

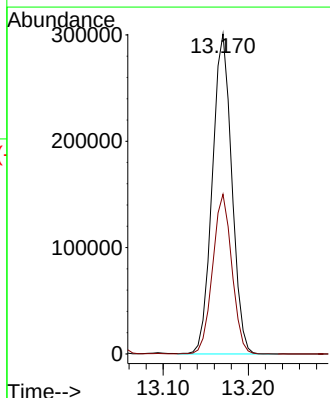
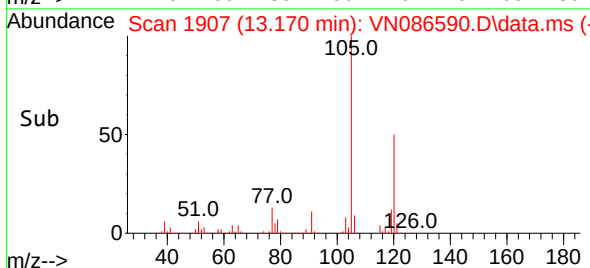
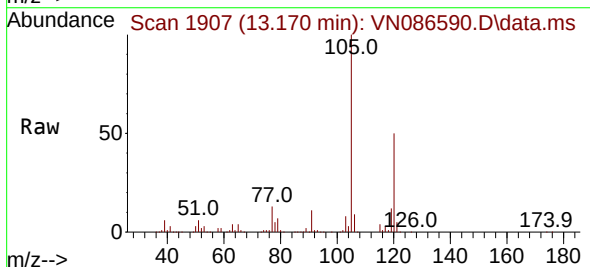
Manual Integrations
APPROVED

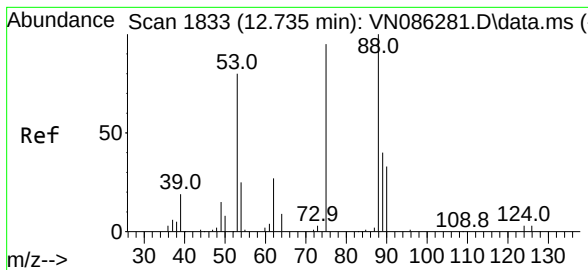
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.004 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

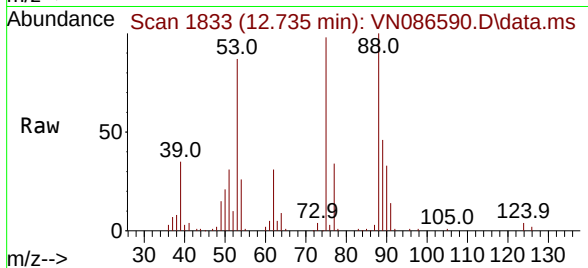
Tgt Ion:105 Resp: 477918
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 45.830 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

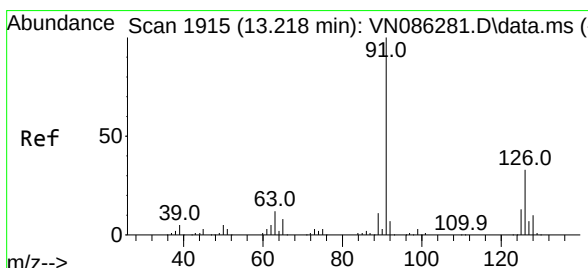
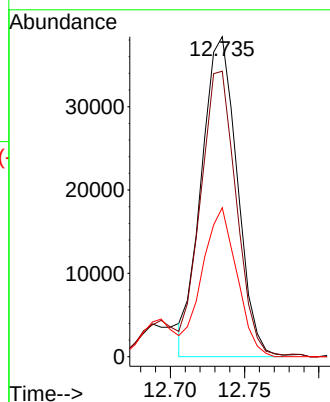
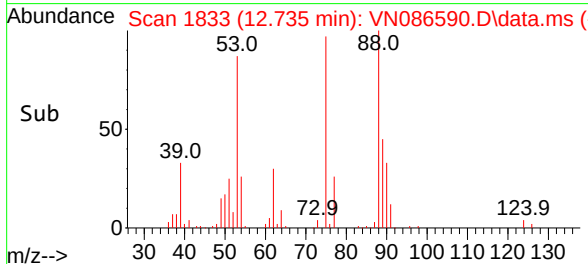
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



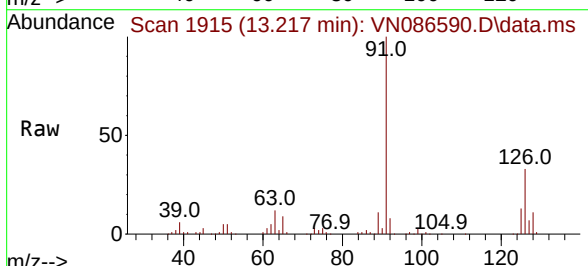
Tgt Ion: 75 Resp: 64280
Ion Ratio Lower Upper
75 100
53 89.5 79.2 118.8
89 45.4 35.7 53.5

Manual Integrations
APPROVED

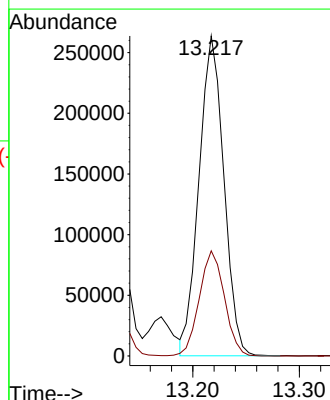
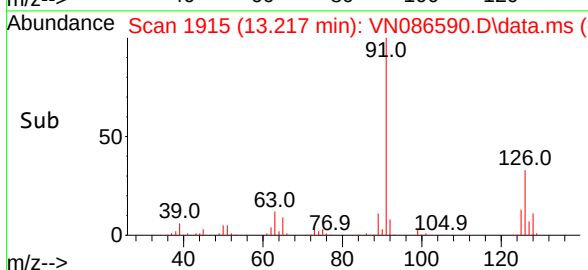
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

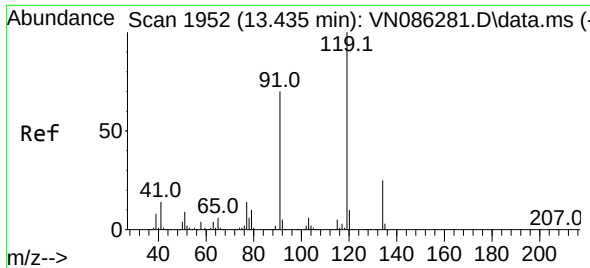


#82
4-Chlorotoluene
Concen: 50.001 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



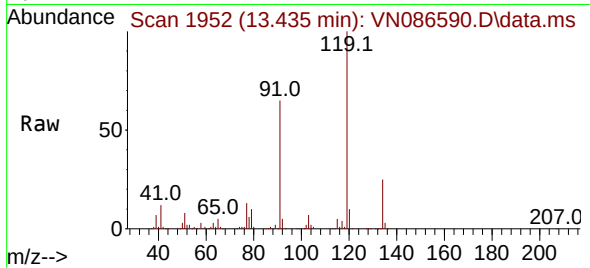
Tgt Ion: 91 Resp: 427674
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 48.418 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

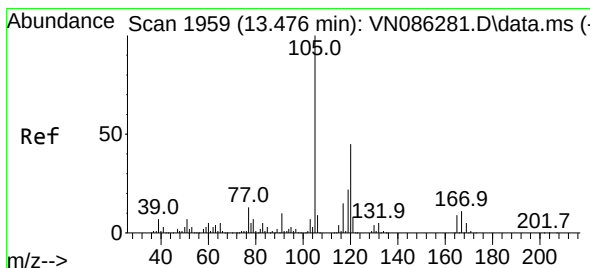
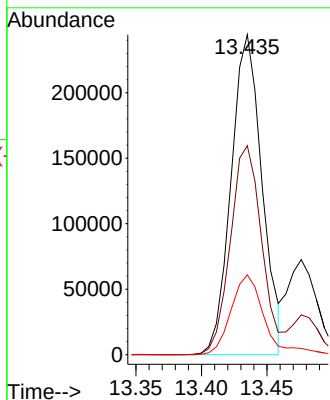
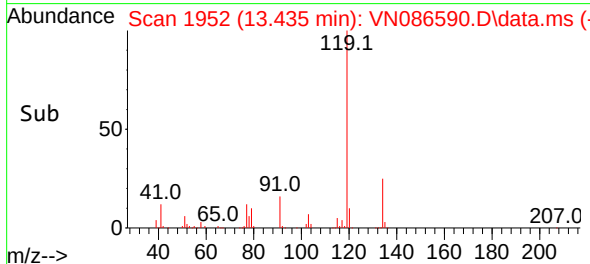
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



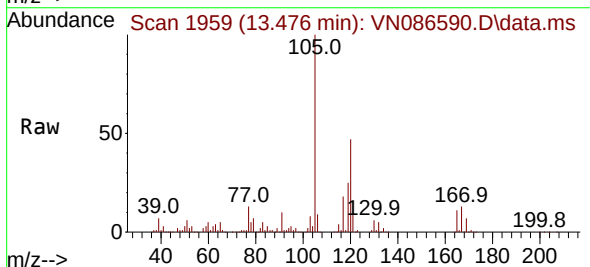
Tgt Ion:119 Resp: 400972
Ion Ratio Lower Upper
119 100
91 67.1 34.4 103.3
134 26.7 13.0 39.0

Manual Integrations
APPROVED

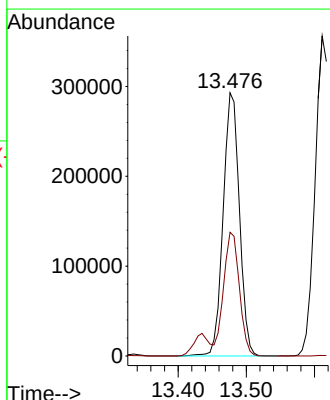
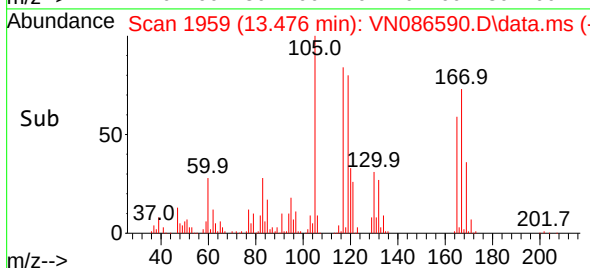
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

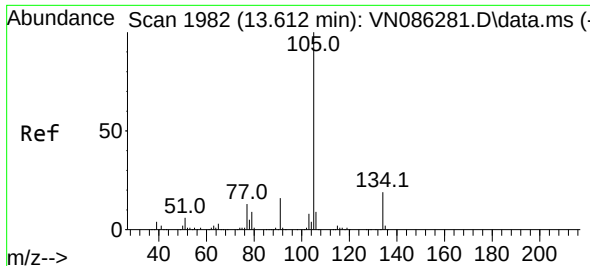


#84
1,2,4-Trimethylbenzene
Concen: 49.966 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



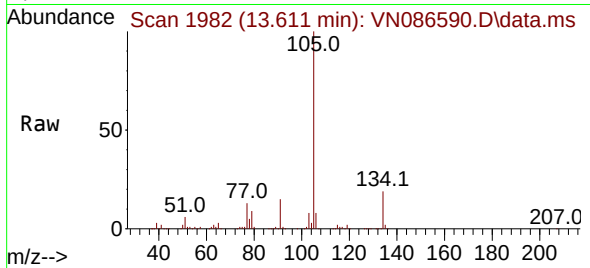
Tgt Ion:105 Resp: 486107
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.776 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22

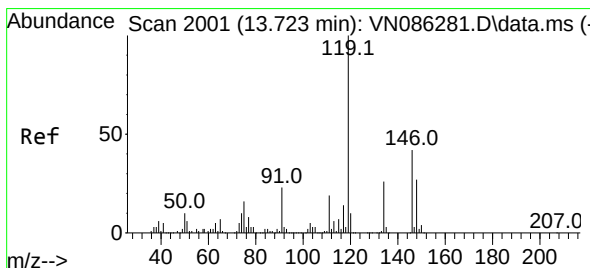
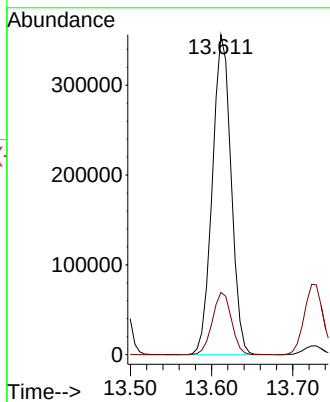
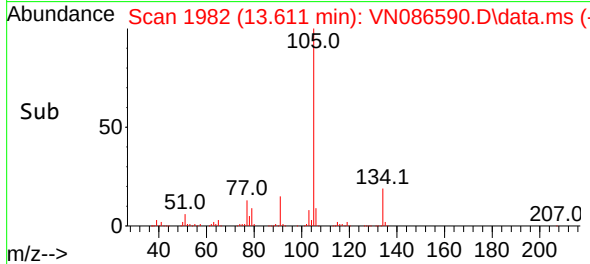
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



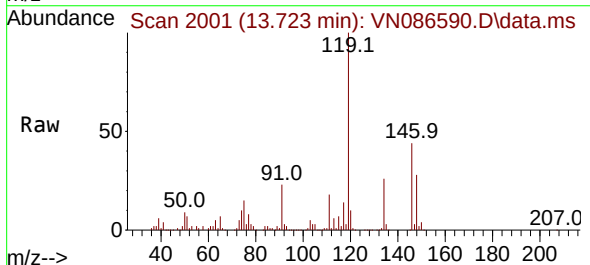
Tgt Ion:105 Resp: 57178
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

Manual Integrations
 APPROVED

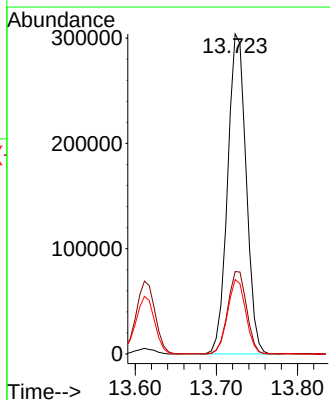
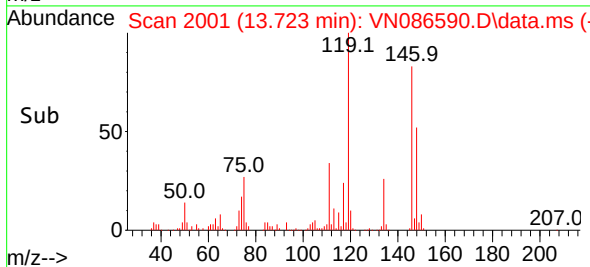
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

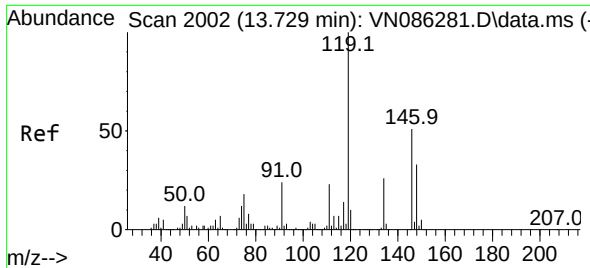


#86
 p-Isopropyltoluene
 Concen: 50.950 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086590.D
 Acq: 13 May 2025 10:22



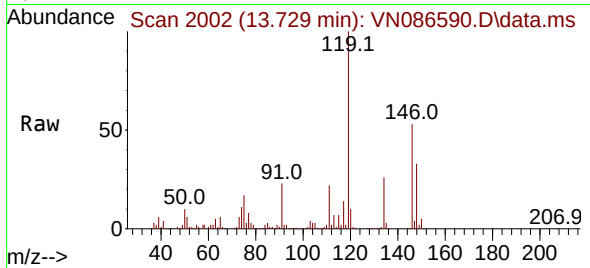
Tgt Ion:119 Resp: 482406
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.9 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 53.034 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

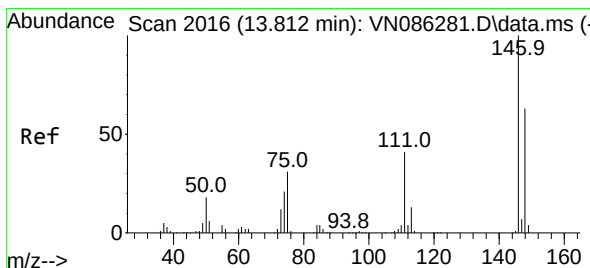
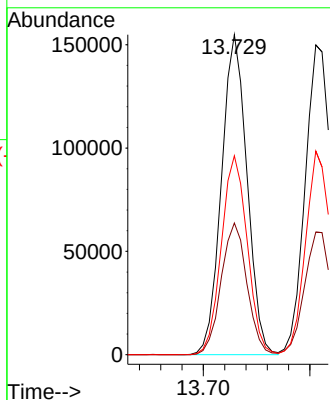
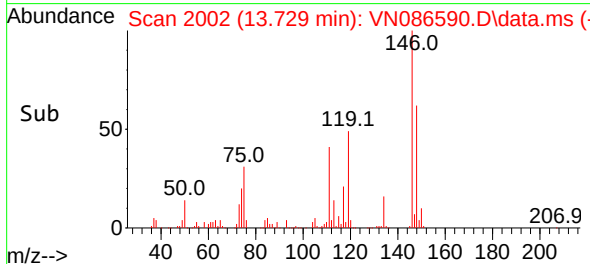
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 25795
Ion Ratio Lower Upper
146 100
111 41.6 21.9 65.7
148 62.9 31.9 95.5

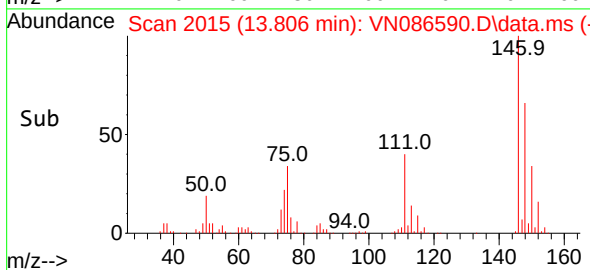
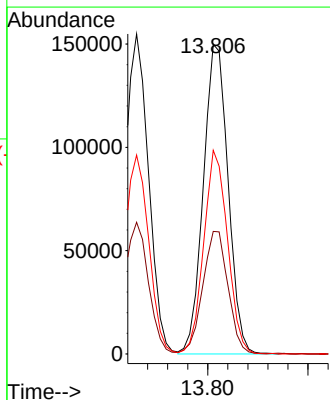
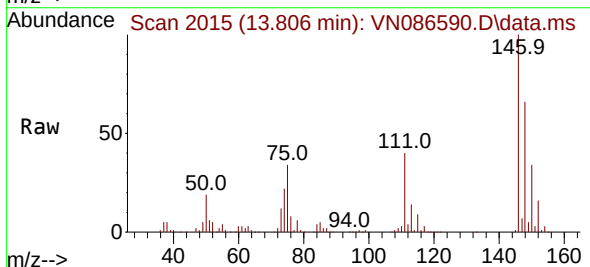
Manual Integrations
APPROVED

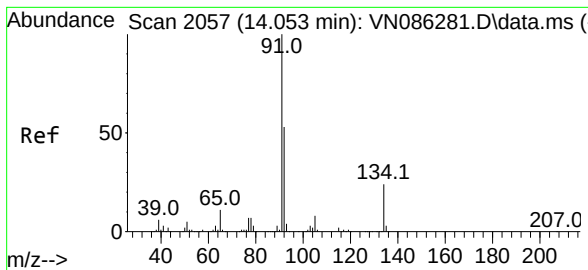
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#88
1,4-Dichlorobenzene
Concen: 52.574 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

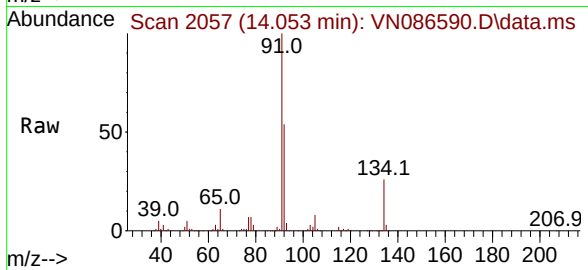
Tgt Ion:146 Resp: 257564
Ion Ratio Lower Upper
146 100
111 40.0 21.3 63.9
148 63.3 31.9 95.9





#89
n-Butylbenzene
Concen: 49.677 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

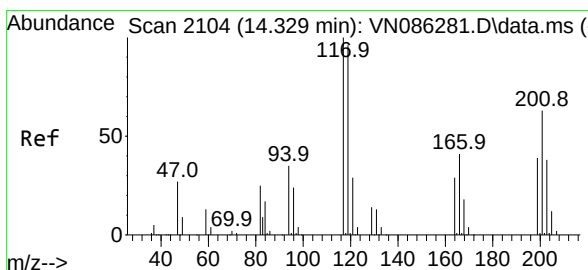
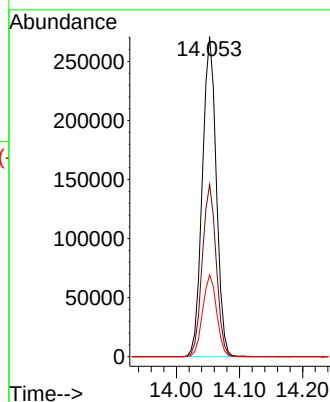
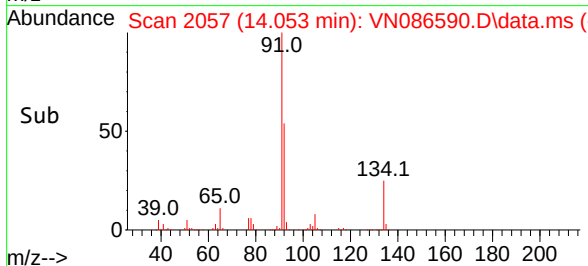
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 416910
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 25.6 12.2 36.6

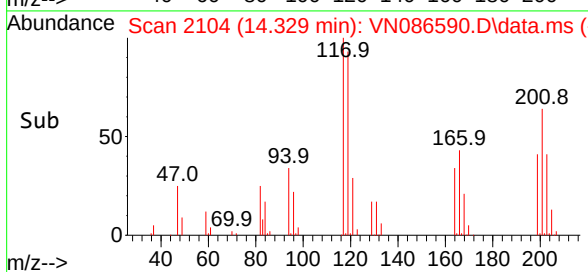
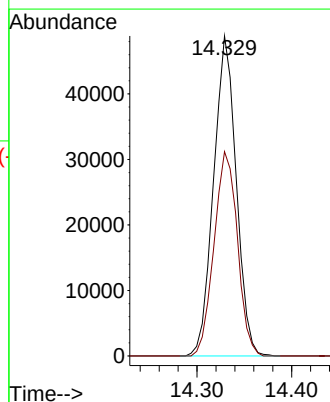
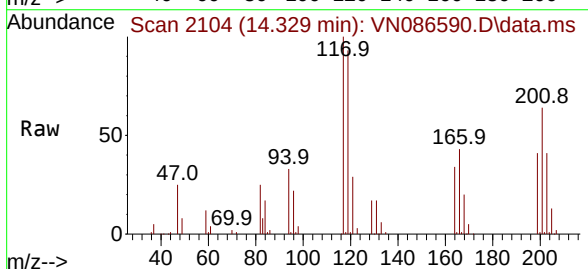
Manual Integrations
APPROVED

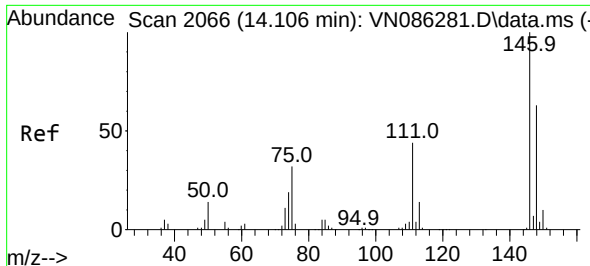
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#90
Hexachloroethane
Concen: 50.944 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

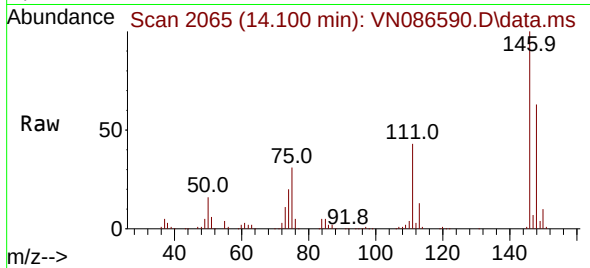
Tgt Ion:117 Resp: 81133
Ion Ratio Lower Upper
117 100
201 65.9 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 52.274 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

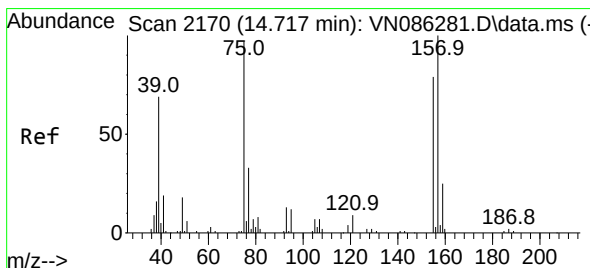
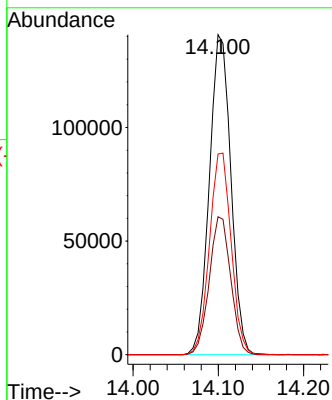
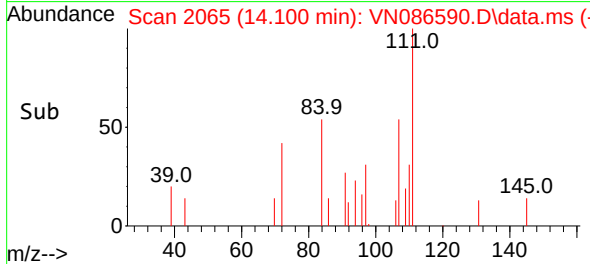
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 24651
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 63.7 31.8 95.4

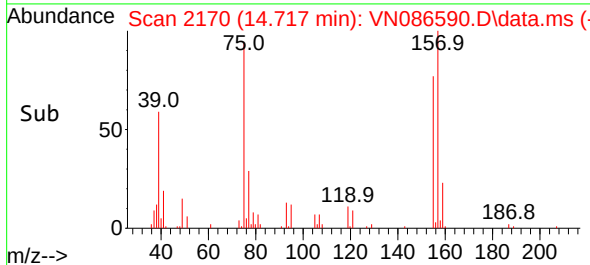
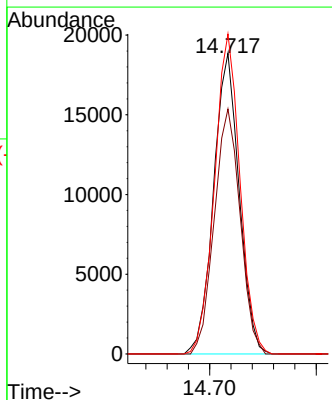
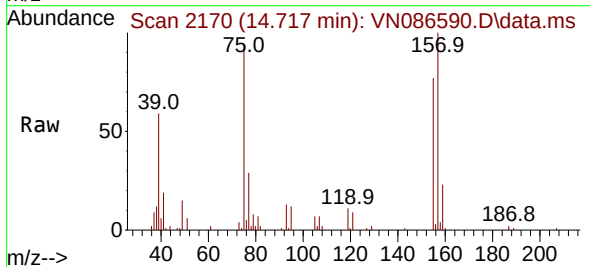
Manual Integrations
APPROVED

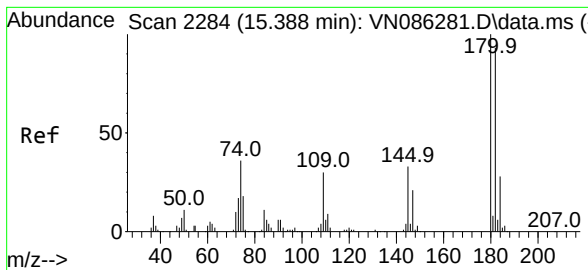
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.326 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

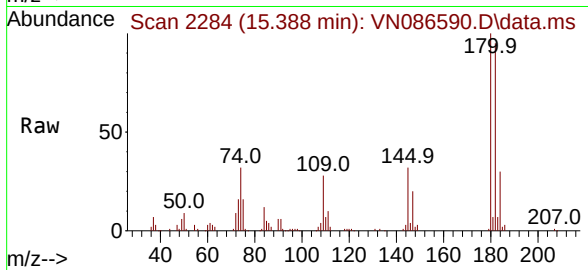
Tgt Ion: 75 Resp: 31363
Ion Ratio Lower Upper
75 100
155 82.5 40.3 120.9
157 106.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 52.772 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

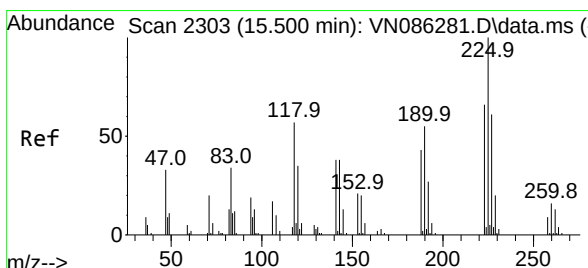
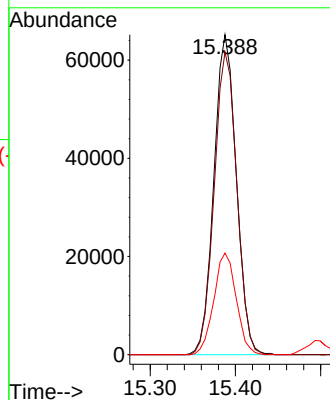
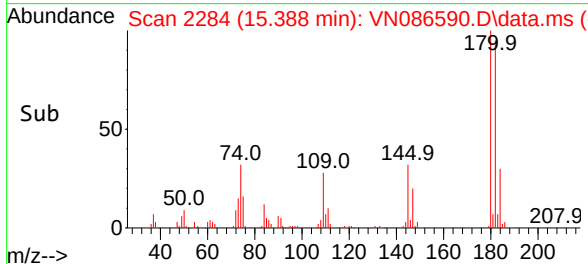
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



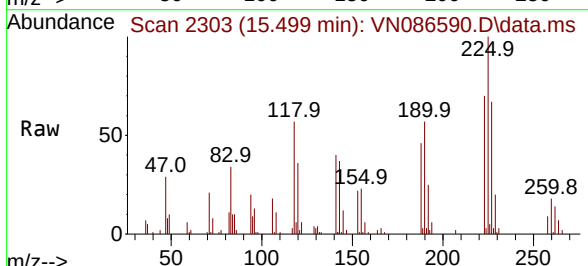
Tgt Ion:180 Resp: 119164
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 31.7 16.4 49.1

Manual Integrations
APPROVED

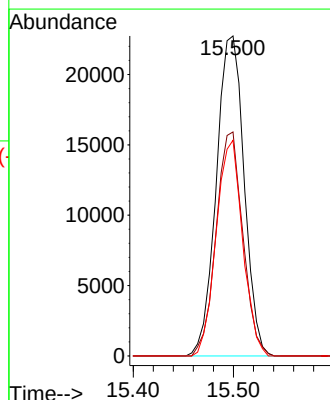
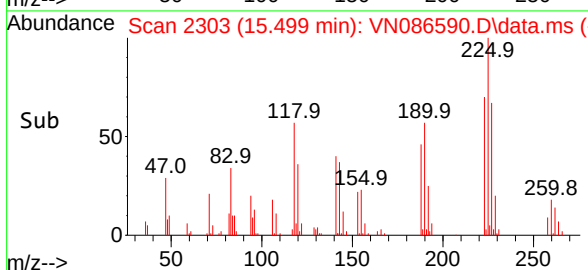
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

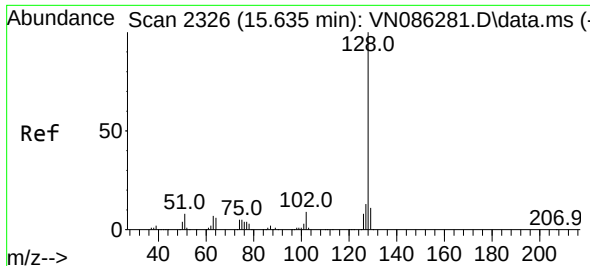


#94
Hexachlorobutadiene
Concen: 51.406 ug/l
RT: 15.499 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22



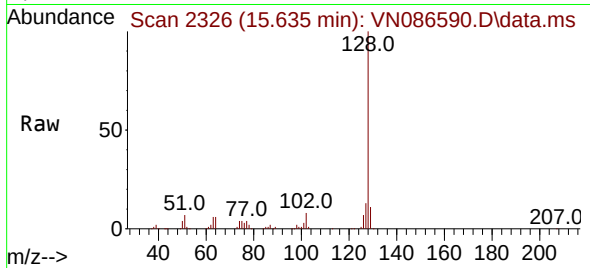
Tgt Ion:225 Resp: 43819
Ion Ratio Lower Upper
225 100
223 67.2 32.8 98.3
227 64.0 31.4 94.0





#95
Naphthalene
Concen: 48.445 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

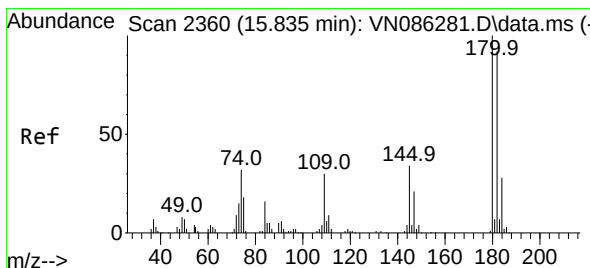
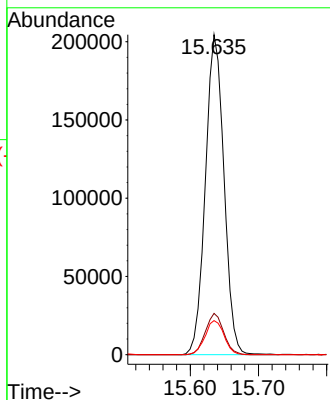
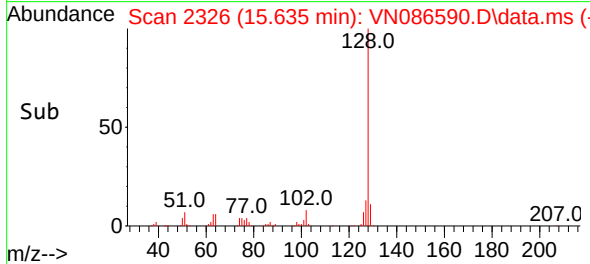
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 387780
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.724 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086590.D
Acq: 13 May 2025 10:22

Tgt Ion:180 Resp: 110577
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 34.0 17.2 51.5

